

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067070.D
 Acq On : 03 Oct 2020 08:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:34:40 PM

Quant Time: Oct 03 08:44:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	454980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	773270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	702111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	329154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218582	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.91	113	239381	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.34	98	885132	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.63	95	298087	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	173048	46.942	ug/l	98
3) Chloromethane	2.21	50	169882	46.885	ug/l	94
4) Vinyl Chloride	2.35	62	170483	46.924	ug/l	99
5) Bromomethane	2.77	94	136748	59.189	ug/l	97
6) Chloroethane	2.93	64	107012	48.365	ug/l	98
7) Trichlorofluoromethane	3.28	101	351694	43.570	ug/l	99
8) Diethyl Ether	3.71	74	106978	53.444	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	203930	44.698	ug/l	99
10) Methyl Iodide	4.30	142	217395	49.039	ug/l	99
11) Tert butyl alcohol	5.22	59	62022	239.434	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	205593	47.935	ug/l	98
13) Acrolein	3.92	56	53088	180.916	ug/l	98
14) Allyl chloride	4.71	41	283739	50.924	ug/l	99
15) Acrylonitrile	5.43	53	187996	255.185	ug/l	99
16) Acetone	4.16	43	157331	235.185	ug/l	98
17) Carbon Disulfide	4.41	76	629568	47.830	ug/l	100
18) Methyl Acetate	4.72	43	103718	61.687	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	428535	54.733	ug/l	100
20) Methylene Chloride	4.97	84	270974	58.287	ug/l	98
21) trans-1,2-Dichloroethene	5.48	96	246825	50.568	ug/l	96
22) Diisopropyl ether	6.37	45	564326	55.478	ug/l	98
23) Vinyl Acetate	6.31	43	1501725	260.530	ug/l	100
24) 1,1-Dichloroethane	6.27	63	406779	51.817	ug/l	99
25) 2-Butanone	7.21	43	237480	250.390	ug/l	99
26) 2,2-Dichloropropane	7.21	77	302703	44.653	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	282154	54.126	ug/l	97
28) Bromochloromethane	7.54	49	168562	55.600	ug/l	100
29) Tetrahydrofuran	7.57	42	144913	265.727	ug/l	98
30) Chloroform	7.71	83	441111	51.799	ug/l	97
31) Cyclohexane	7.98	56	286912	43.594	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	386840	49.015	ug/l	98
36) 1,1-Dichloropropene	8.11	75	314880	43.686	ug/l	98
37) Ethyl Acetate	7.30	43	117287	46.972	ug/l	97
38) Carbon Tetrachloride	8.10	117	343600	44.059	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	333098	43.712	ug/l	99
40) Benzene	8.35	78	971278	48.516	ug/l	97
41) Methacrylonitrile	7.53	41	66267	49.124	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	262533	46.930	ug/l	99
43) Isopropyl Acetate	8.45	43	211504	45.980	ug/l	98
44) Trichloroethene	9.11	130	273942	45.824	ug/l	98
45) 1,2-Dichloropropane	9.38	63	234018	49.750	ug/l	96
46) Dibromomethane	9.47	93	130134	48.134	ug/l	98
47) Bromodichloromethane	9.66	83	339739	48.342	ug/l	100
48) Methyl methacrylate	9.46	41	105992	44.977	ug/l #	84
49) 1,4-Dioxane	9.46	88	26052	923.283	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	567080	247.502	ug/l	98
52) Toluene	10.40	92	636397	49.347	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	293738	46.766	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	360352	46.983	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	178461	47.478	ug/l	94
56) Ethyl methacrylate	10.66	69	202972	52.303	ug/l	98
57) 1,3-Dichloropropane	10.94	76	299381	49.117	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	584424	270.574	ug/l	99
59) 2-Hexanone	10.98	43	371435	242.887	ug/l	98
60) Dibromochloromethane	11.14	129	240966	48.099	ug/l	97
61) 1,2-Dibromoethane	11.24	107	176766	48.950	ug/l	99
64) Tetrachloroethene	10.87	164	253526	49.669	ug/l	92
65) Chlorobenzene	11.67	112	680456	48.729	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	257253	48.431	ug/l	100
67) Ethyl Benzene	11.74	91	1179206	49.285	ug/l	99
68) m/p-Xylenes	11.86	106	901354	96.667	ug/l	99
69) o-Xylene	12.18	106	422764	50.701	ug/l	99
70) Styrene	12.20	104	731413	51.083	ug/l	99
71) Bromoform	12.36	173	132149	47.928	ug/l #	99
73) Isopropylbenzene	12.48	105	1123083	50.250	ug/l	99
74) N-amyl acetate	12.29	43	186818	46.498	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	181436	48.182	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	143715m	50.127	ug/l	
77) Bromobenzene	12.76	156	273978	50.768	ug/l	97
78) n-propylbenzene	12.82	91	1281475	48.515	ug/l	99
79) 2-Chlorotoluene	12.91	91	750064	49.632	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	941159	49.841	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	51588	44.860	ug/l	96
82) 4-Chlorotoluene	13.01	91	783128	48.705	ug/l	99
83) tert-Butylbenzene	13.23	119	815012	51.254	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	946885	50.247	ug/l	98
85) sec-Butylbenzene	13.41	105	1074752	47.994	ug/l	100
86) p-Isopropyltoluene	13.52	119	992696	47.815	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	503811	47.928	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	496779	47.264	ug/l	99
89) n-Butylbenzene	13.85	91	848821	44.736	ug/l	100
90) Hexachloroethane	14.12	117	174108	47.876	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	446757	48.664	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28186	46.434	ug/l	97

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Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	284486	47.908	ug/l	99
94) Hexachlorobutadiene	15.28	225	161414	44.261	ug/l	98
95) Naphthalene	15.41	128	519625	52.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	256715	49.801	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

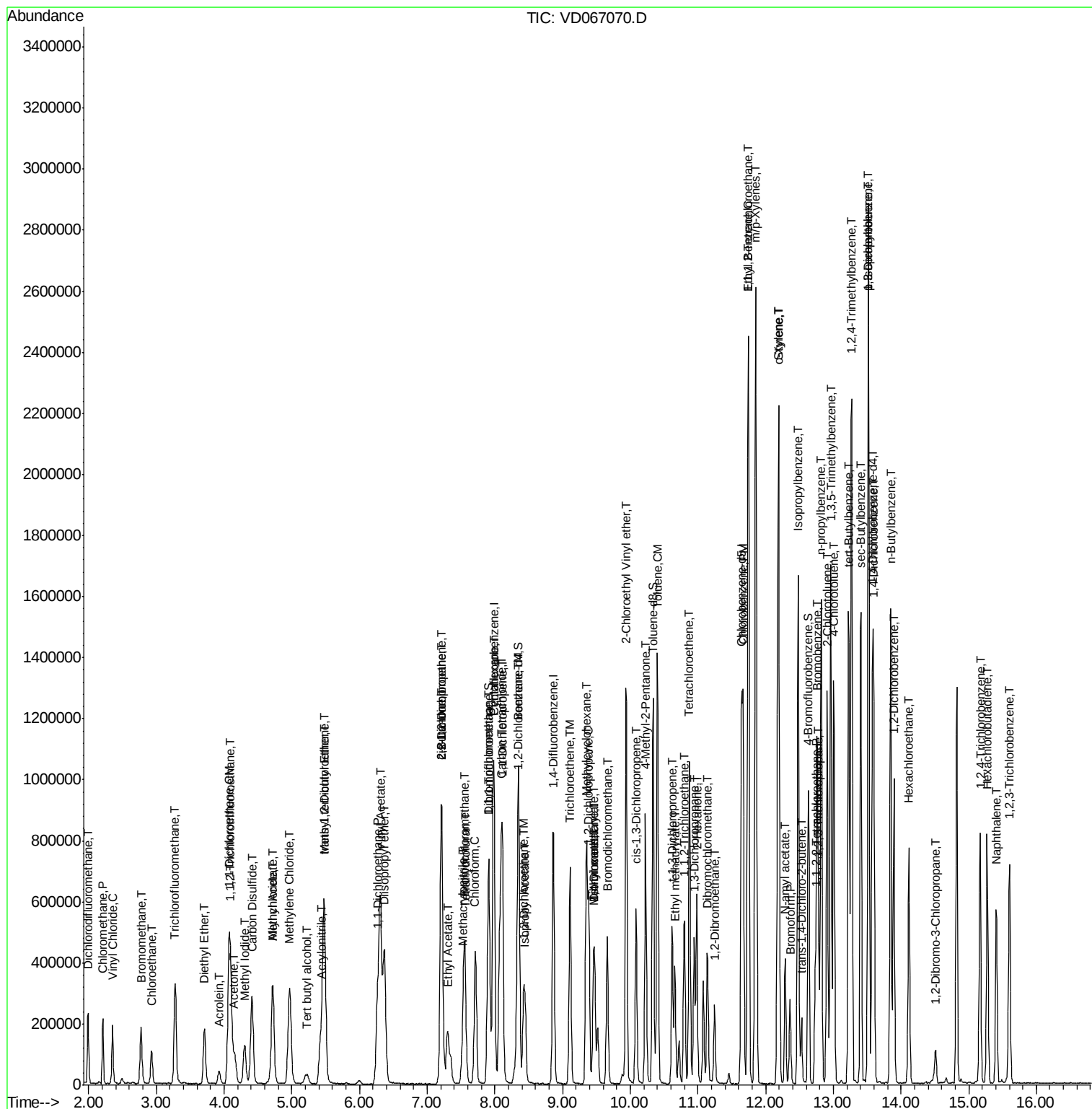
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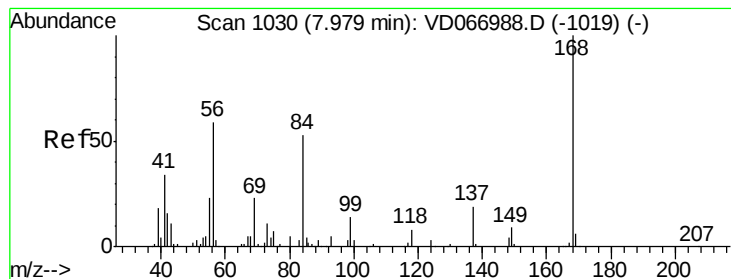
Instrument :
 MSVOA_D
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 454980

Ion Ratio Lower Upper

168 100

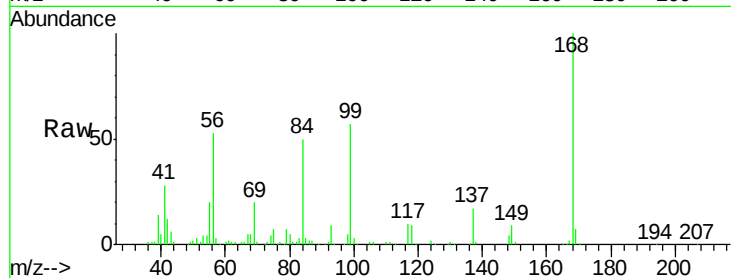
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Manual Integrations

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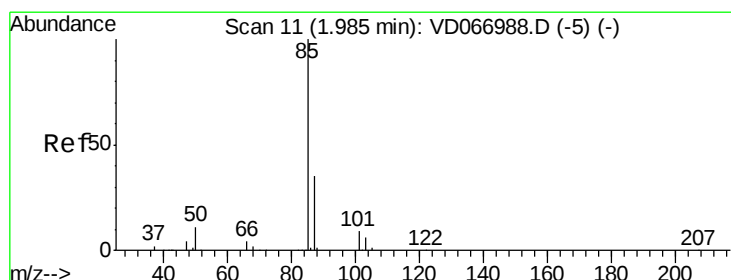
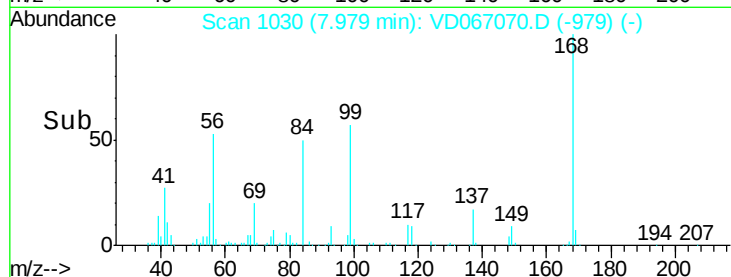
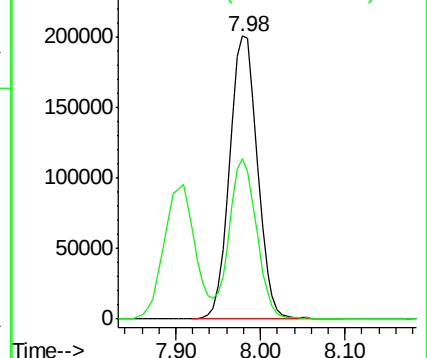
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 46.942 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067070.D

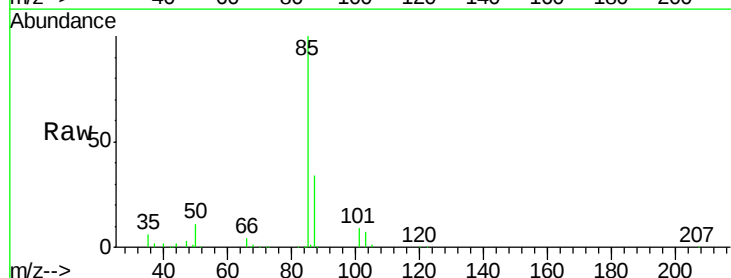
Acq: 03 Oct 2020 08:23

Tgt Ion: 85 Resp: 173048

Ion Ratio Lower Upper

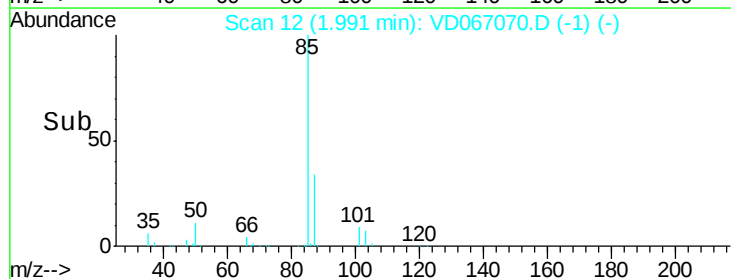
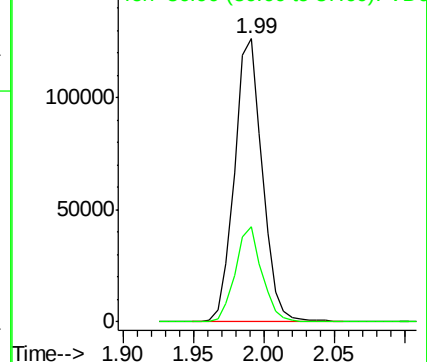
85 100

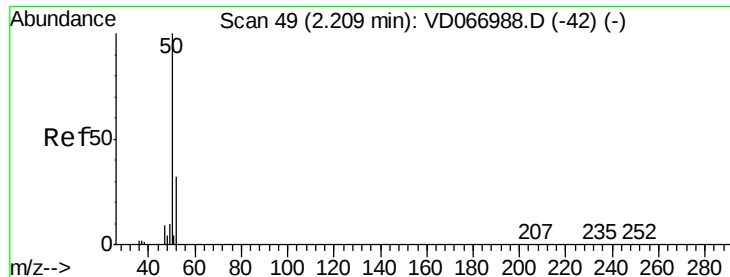
87 33.7 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 46.885 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 169882

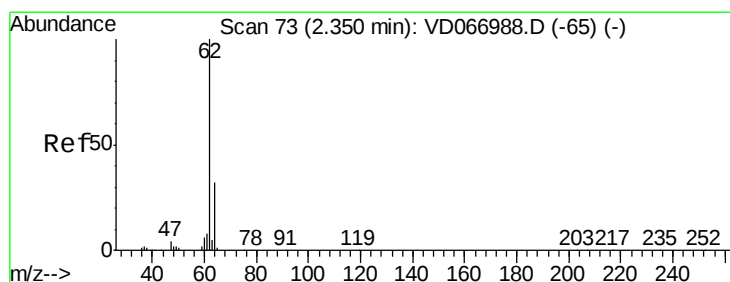
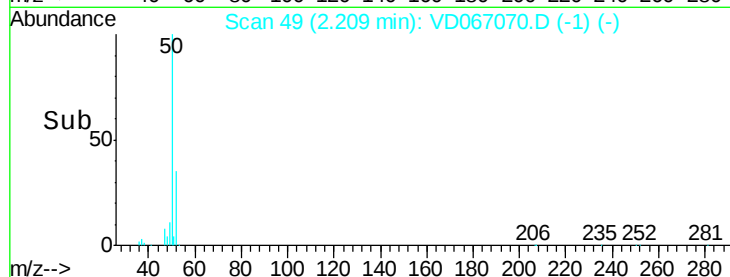
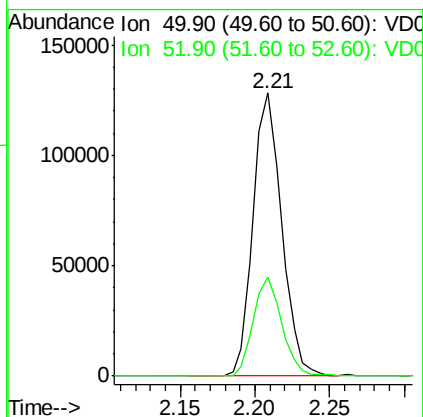
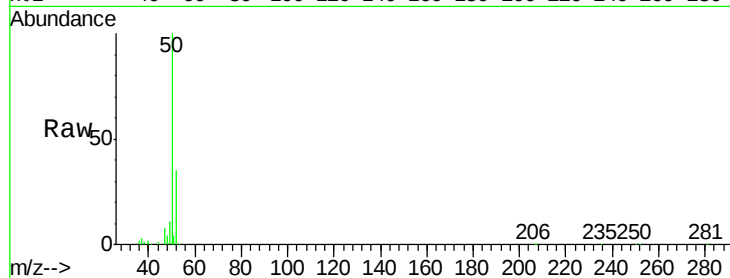
Ion Ratio Lower Upper

50 100

52 35.1 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.924 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067070.D

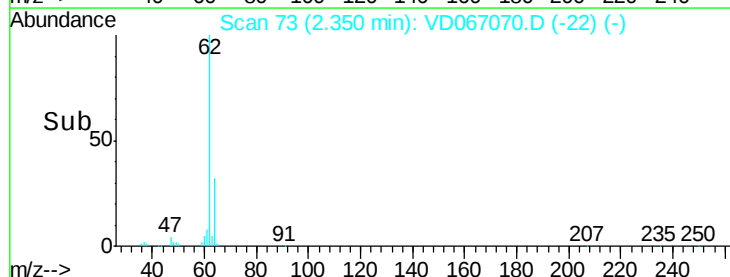
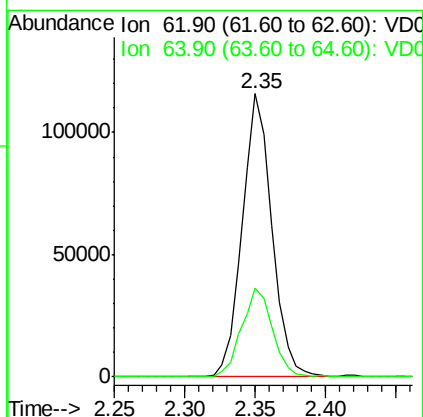
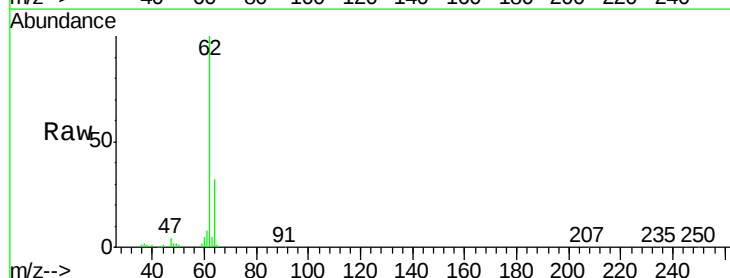
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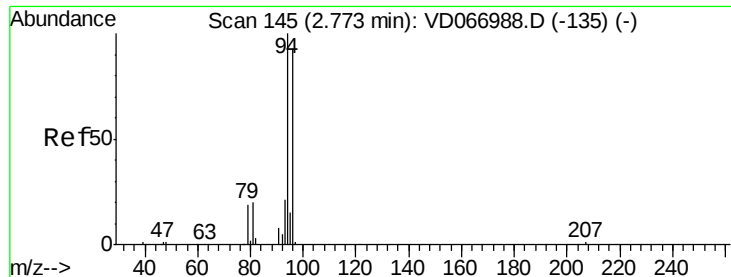
Tgt Ion: 62 Resp: 170483

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 59.189 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 136748

Ion Ratio Lower Upper

94 100

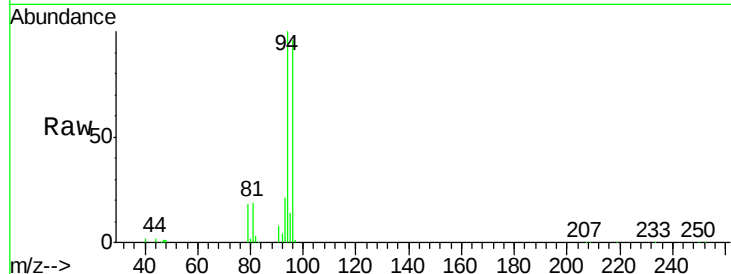
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Manual Integrations

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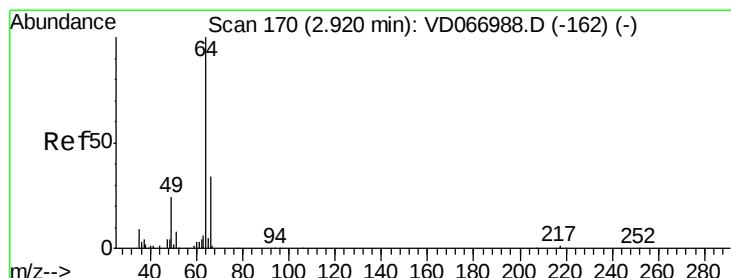
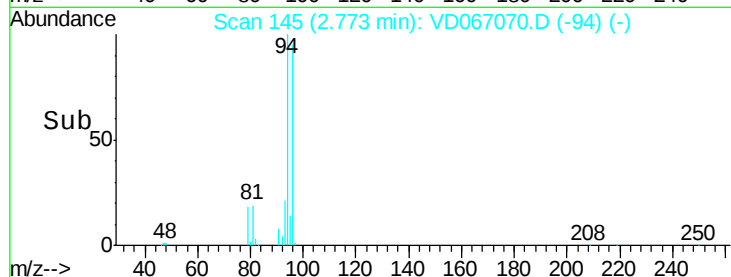
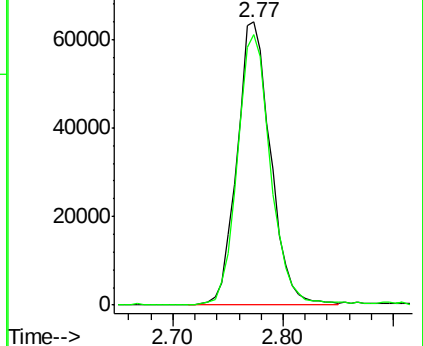
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.365 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067070.D

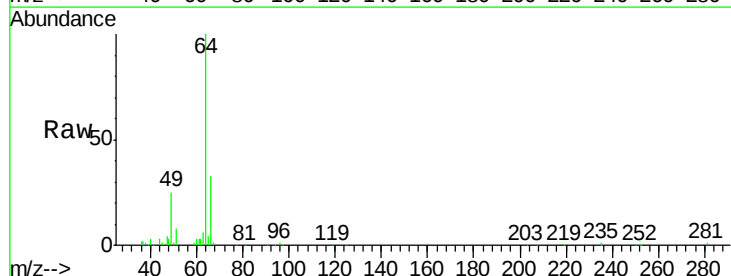
Acq: 03 Oct 2020 08:23

Tgt Ion: 64 Resp: 107012

Ion Ratio Lower Upper

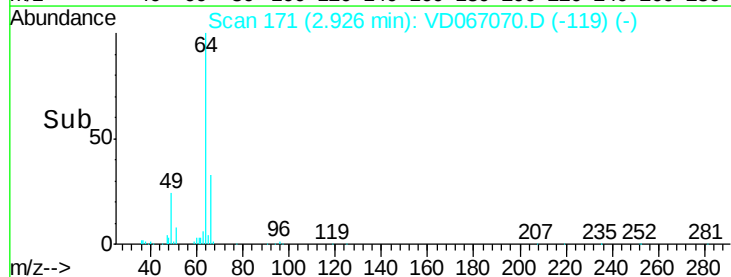
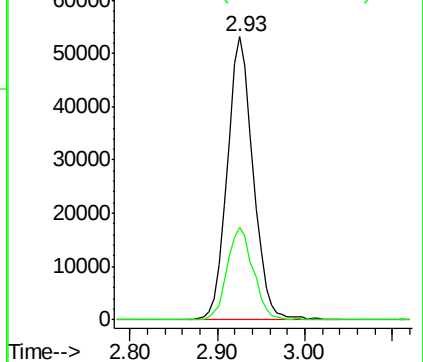
64 100

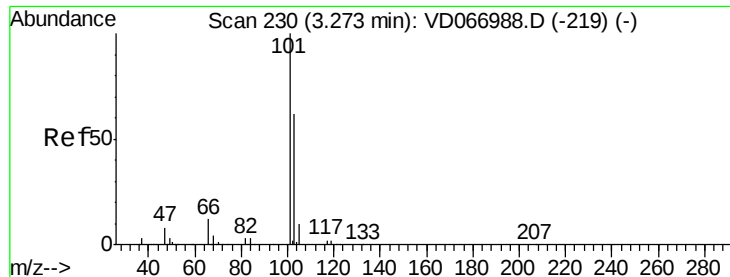
66 32.5 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

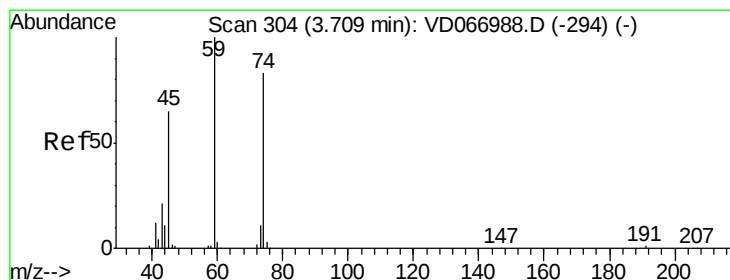
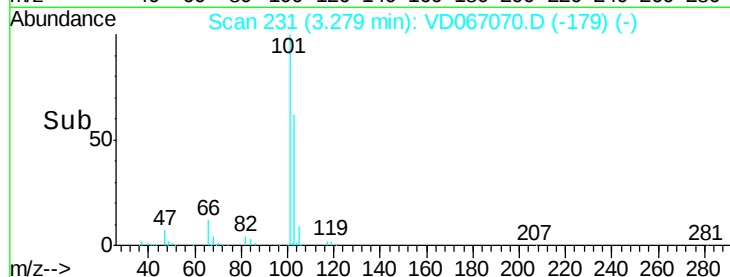
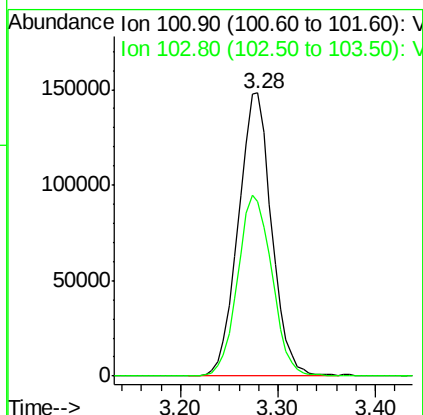
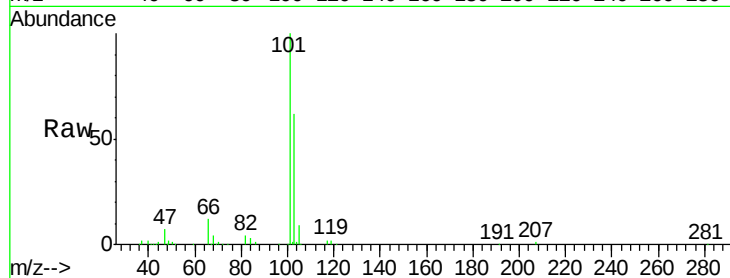
Trichlorofluoromethane
 Concen: 43.570 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067070.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	49.8	74.8

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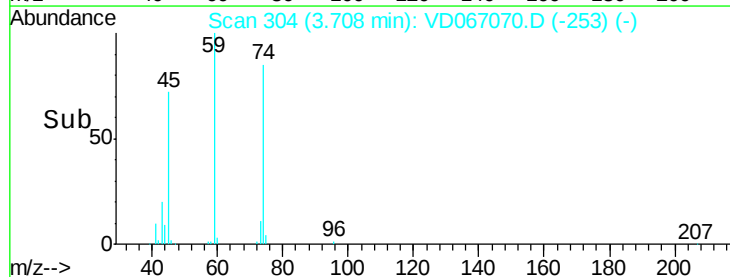
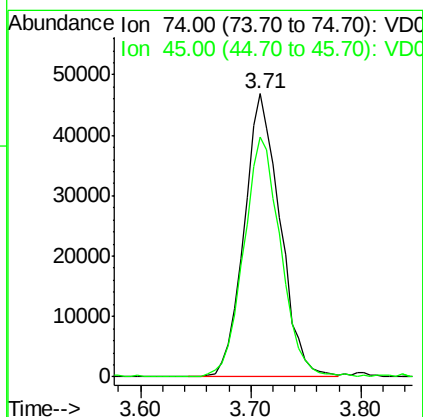
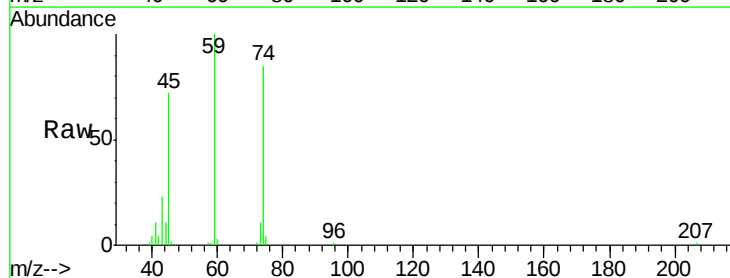
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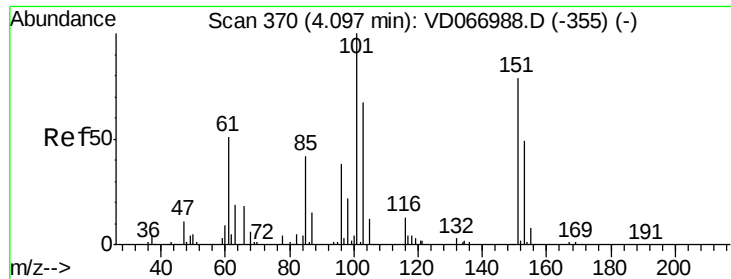


#8

Diethyl Ether
 Concen: 53.444 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.4	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.698 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

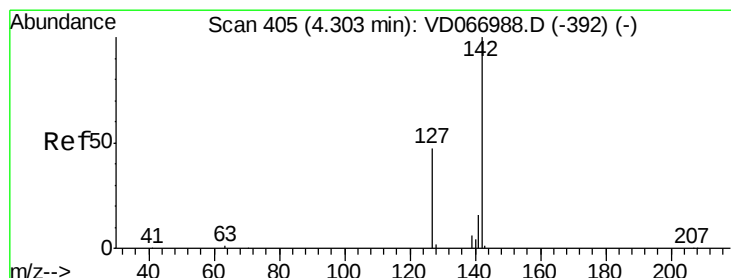
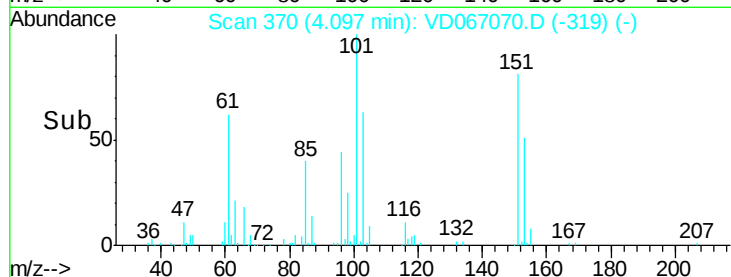
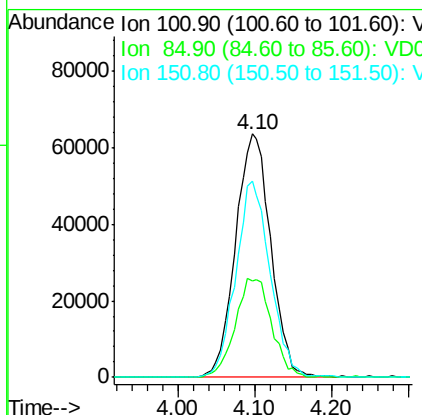
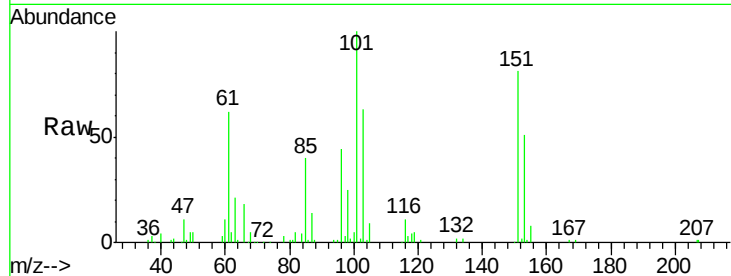
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	203930
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.8	50.8
151	78.3	63.8	95.8

Manual Integrations
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10/5/2020 5:34:40 PM



#10

Methyl Iodide

Concen: 49.039 ug/l

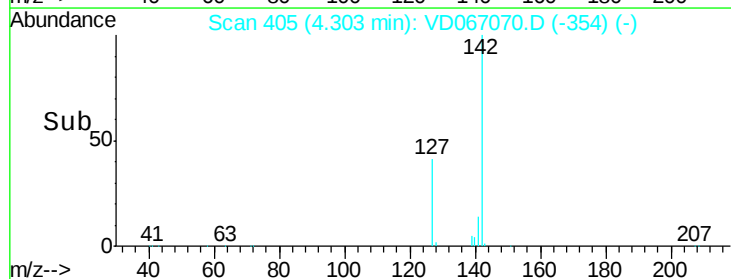
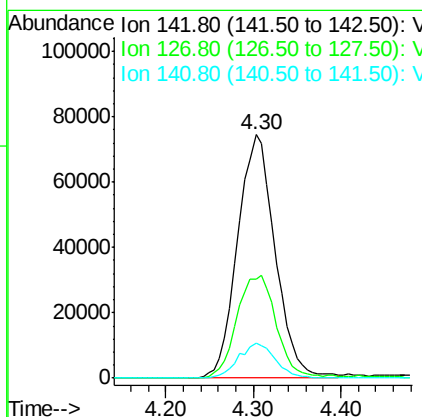
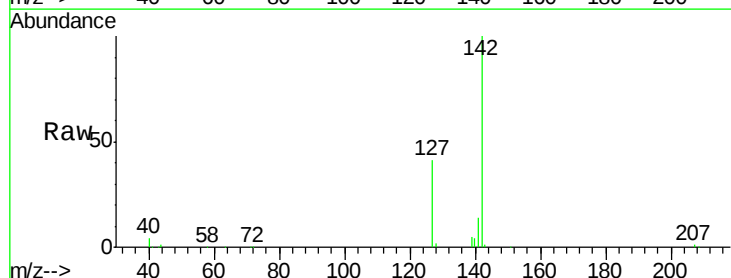
RT: 4.30 min Scan# 405

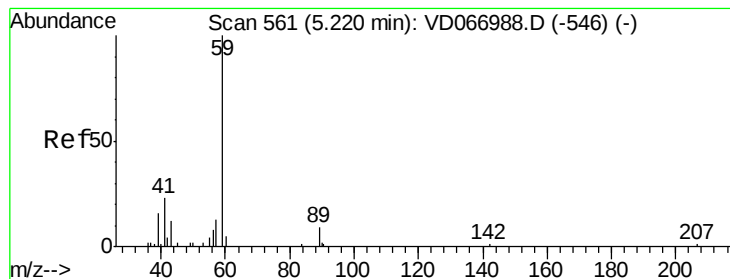
Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Tgt Ion:	142	Resp:	217395
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.3	54.5
141	14.2	12.0	18.0





#11

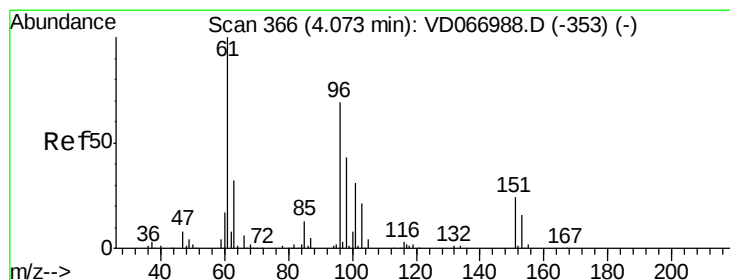
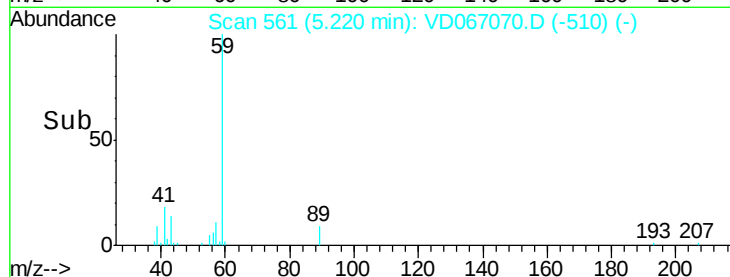
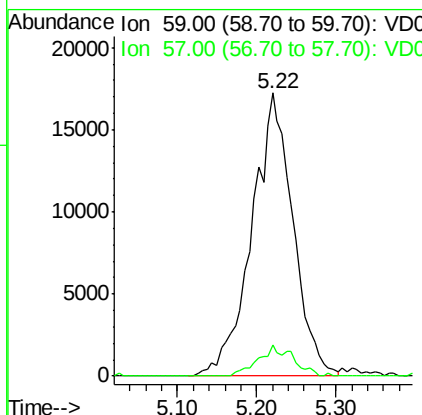
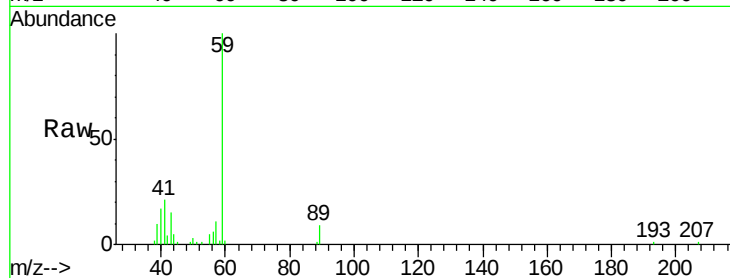
Tert butyl alcohol
 Concen: 239.434 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.0	8.2	12.4#

Manual Integrations
 APPROVED

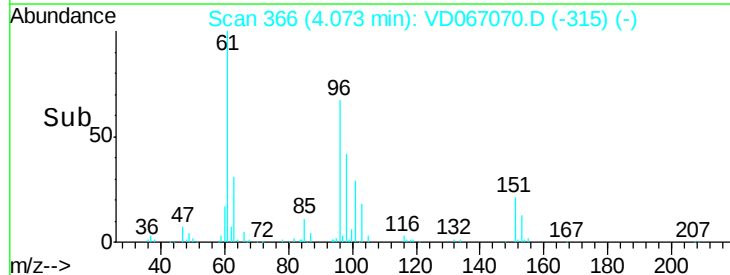
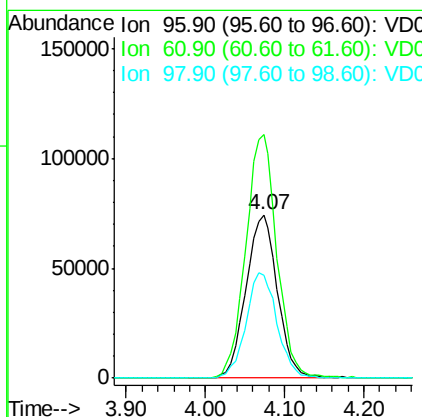
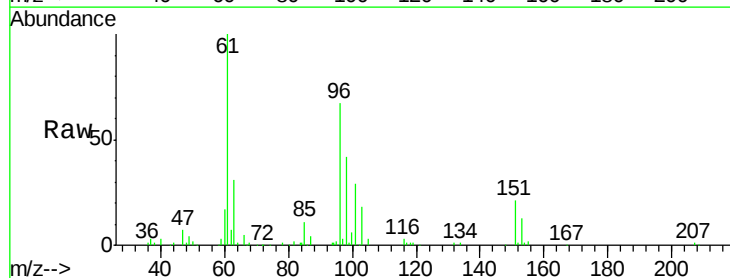
MMDadoda
 10/5/2020 5:34:40 PM

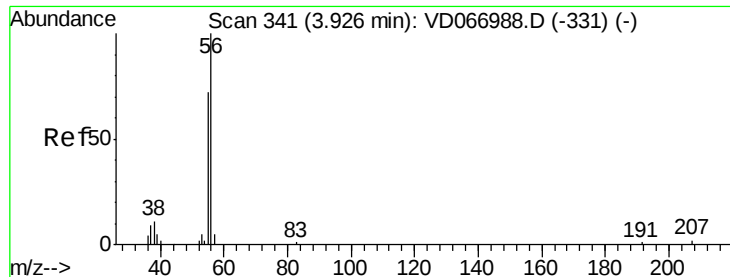


#12

1,1-Dichloroethene
 Concen: 47.935 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.1	116.4	174.6
98	63.1	49.9	74.9





#13

Acrolein

Concen: 180.916 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 53088

Ion Ratio Lower Upper

56 100

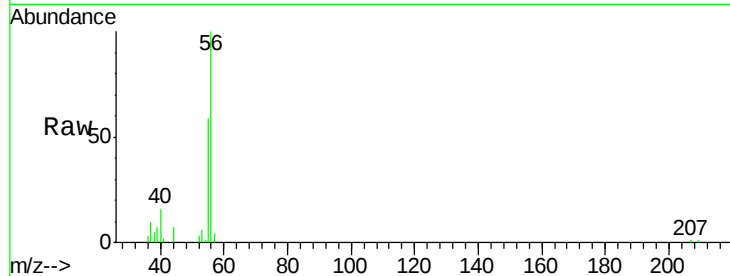
55 69.3 56.9 85.3

Manual Integrations

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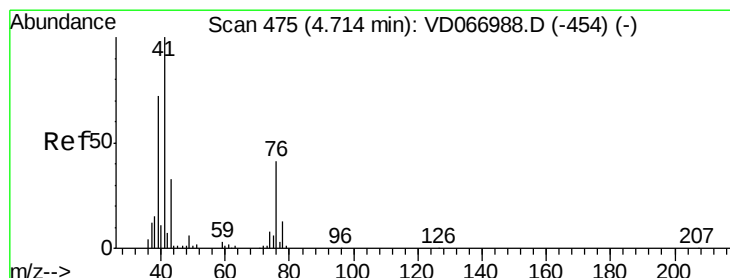
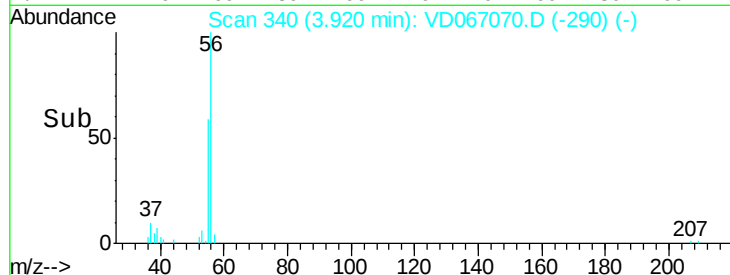
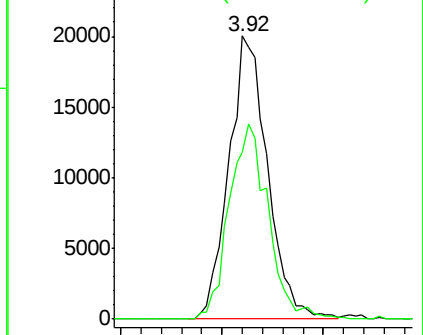
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 50.924 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

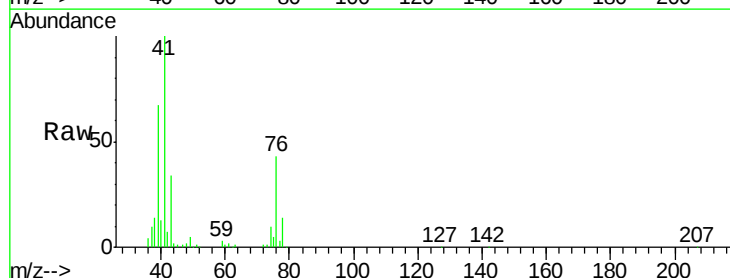
Tgt Ion: 41 Resp: 283739

Ion Ratio Lower Upper

41 100

39 68.9 56.2 84.2

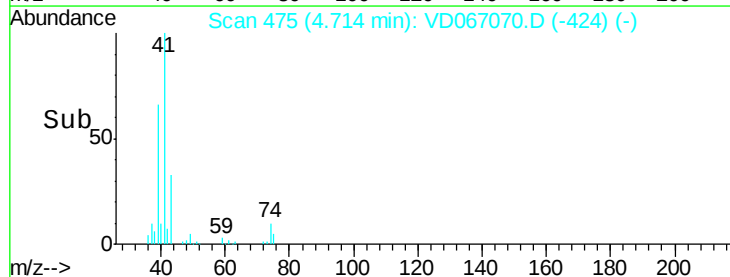
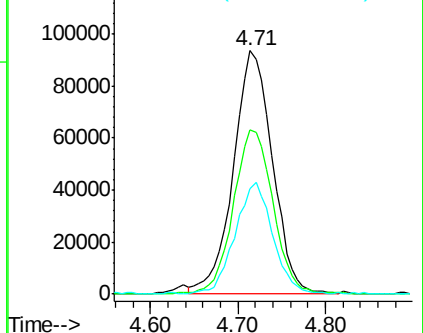
76 43.3 34.2 51.2

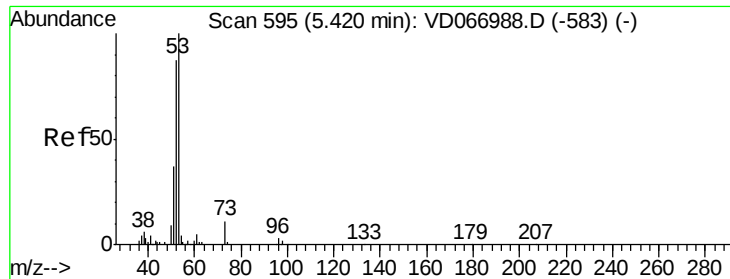


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 255.185 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

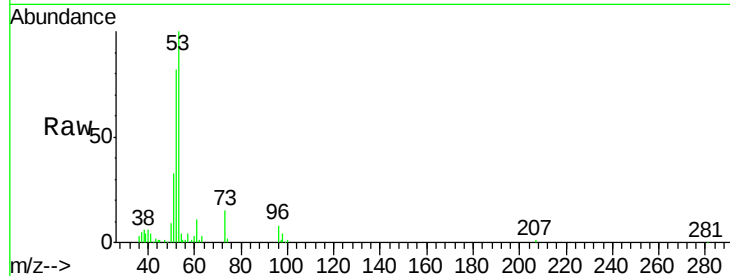
ClientSampleId :

VSTDCCC050EC

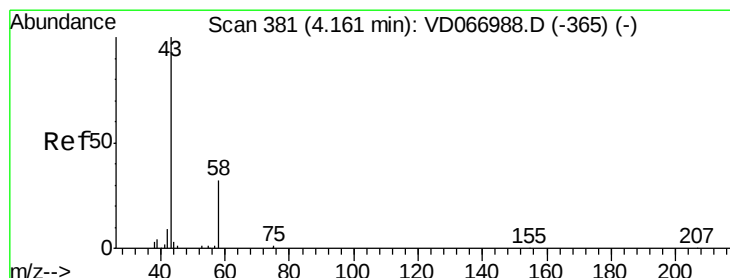
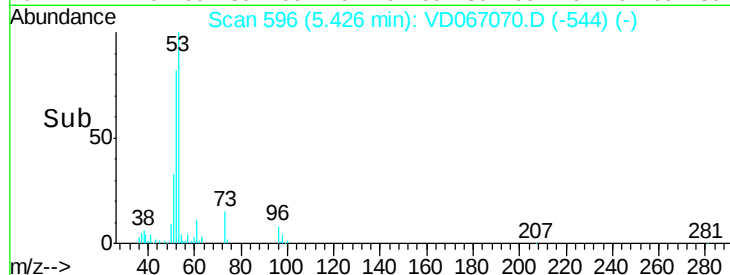
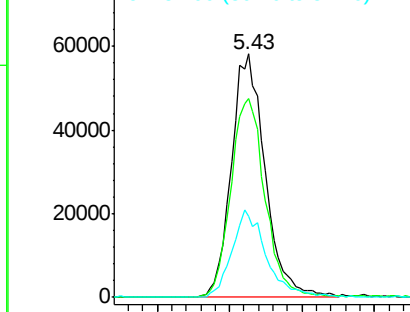
Tot Ion:	53	Resp:	187996
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.3	100.9
51	36.7	30.2	45.2

Manual Integrations
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Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 235.185 ug/l

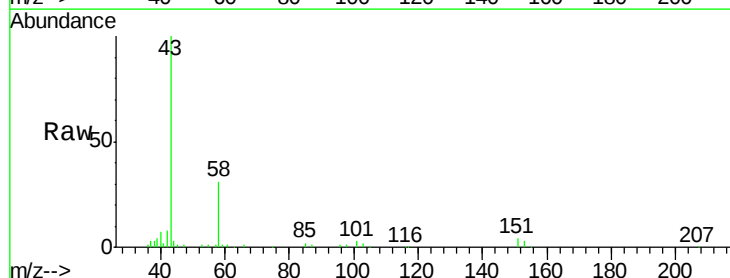
RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

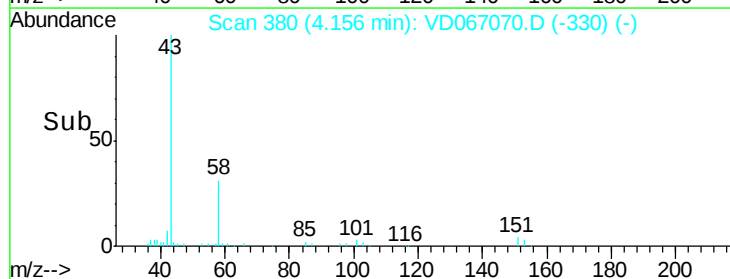
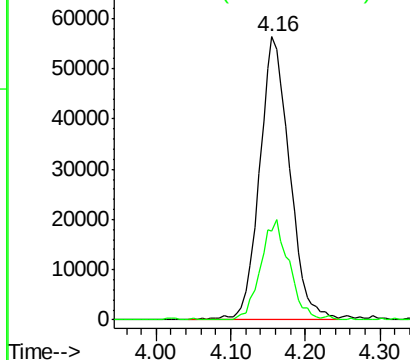
Lab File: VD067070.D

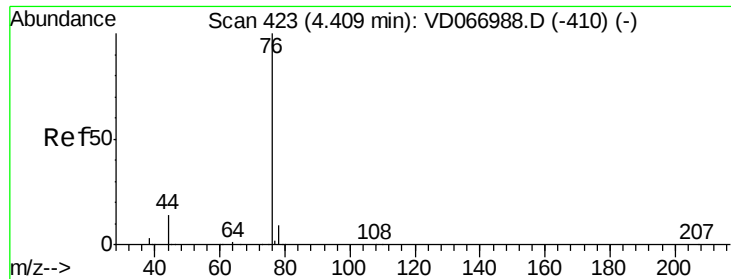
Acq: 03 Oct 2020 08:23

Tgt Ion:	43	Resp:	157331
Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.9	38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





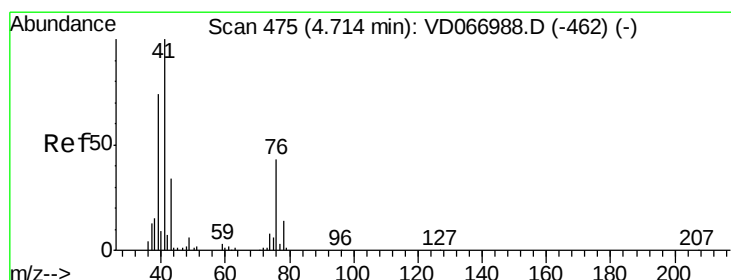
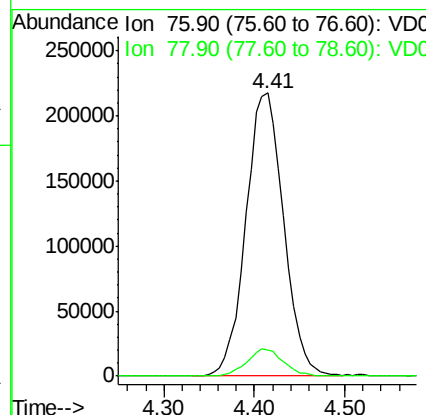
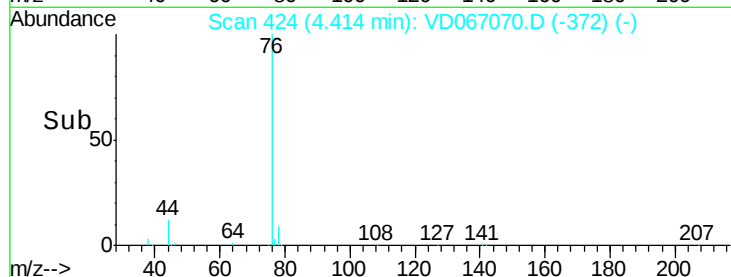
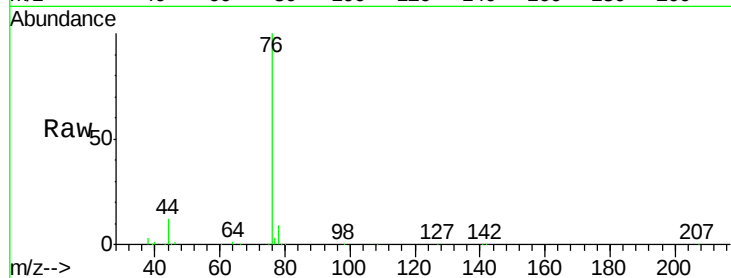
#17
Carbon Disulfide
Concen: 47.830 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

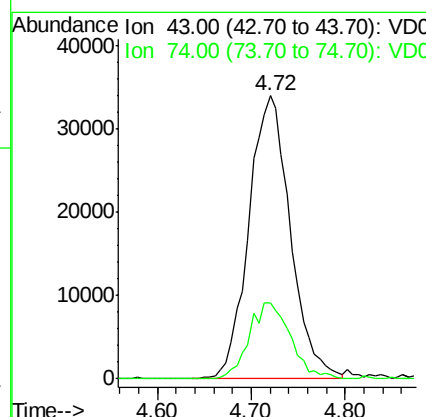
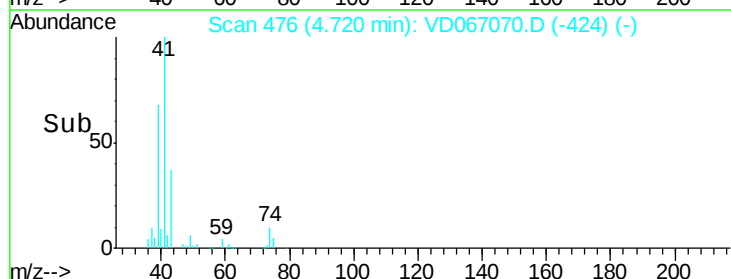
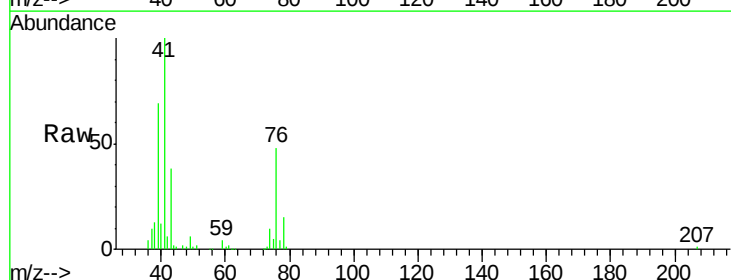
Manual Integrations
APPROVED

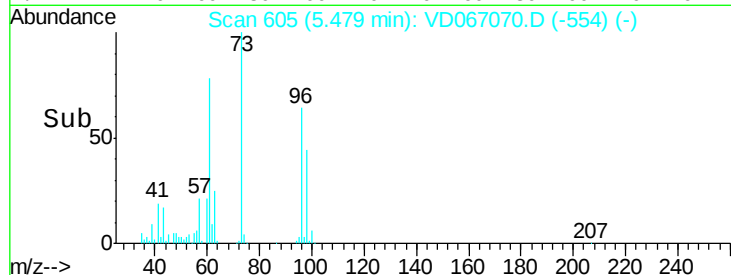
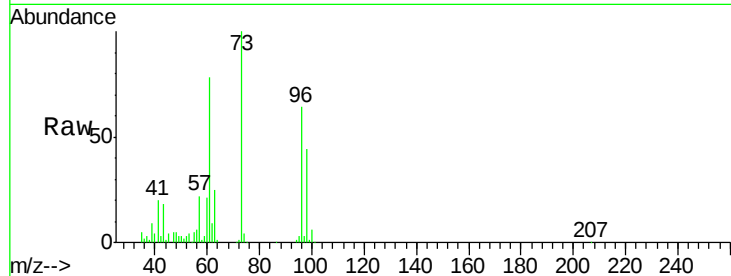
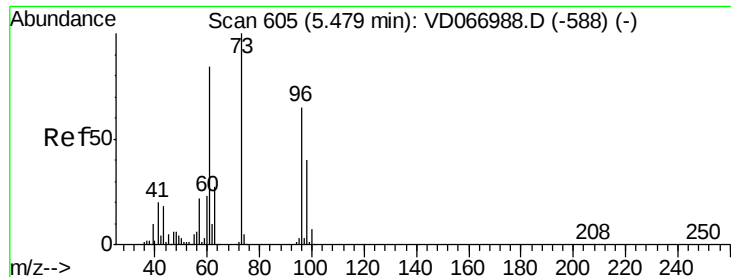
MMDadoda
10/5/2020 5:34:40 PM



#18
Methyl Acetate
Concen: 61.687 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.5	32.3





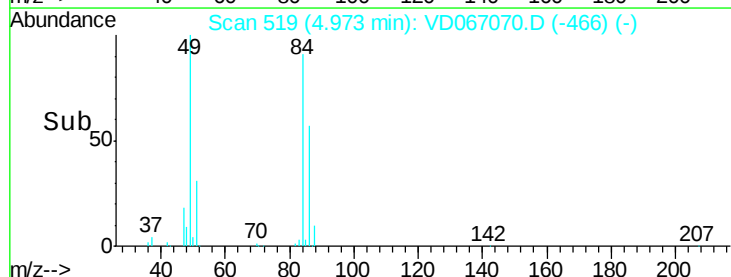
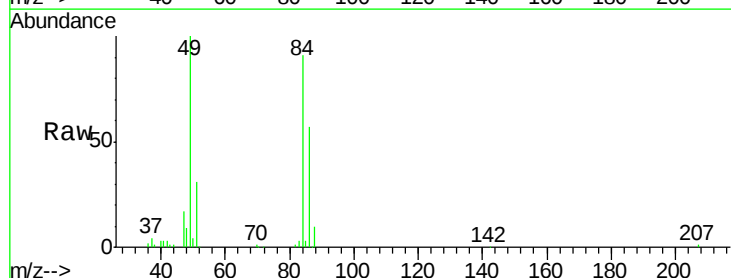
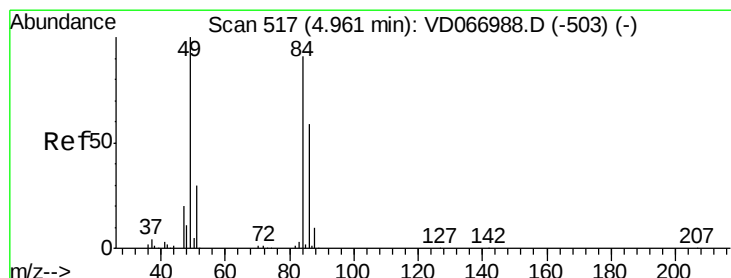
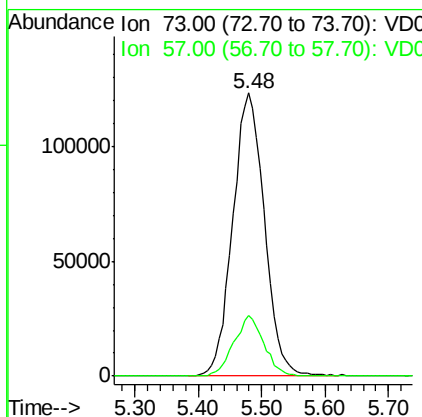
#19
Methyl tert-butyl Ether
Concen: 54.733 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.4	26.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

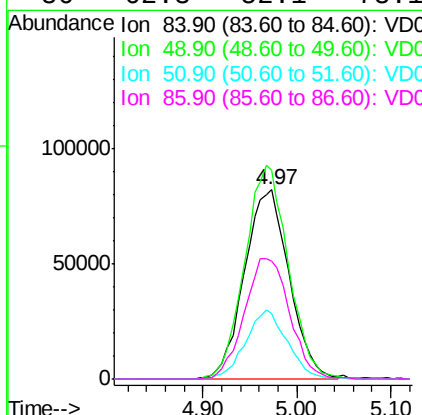
Manual Integrations
APPROVED

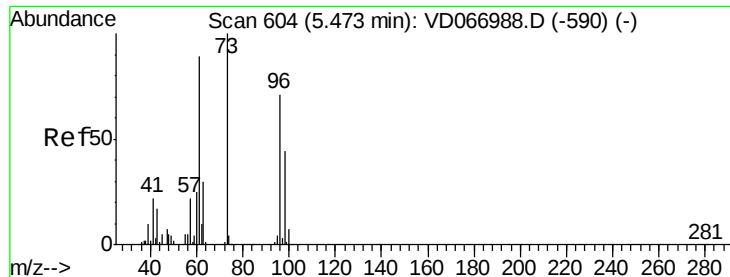
MMDadoda
10/5/2020 5:34:40 PM



#20
Methylene Chloride
Concen: 58.287 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.0	88.2	132.2
51	34.5	26.6	39.8
86	62.3	52.1	78.1





#21

trans-1,2-Dichloroethene

Concen: 50.568 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

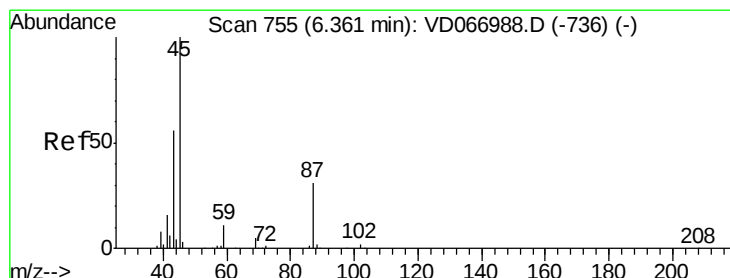
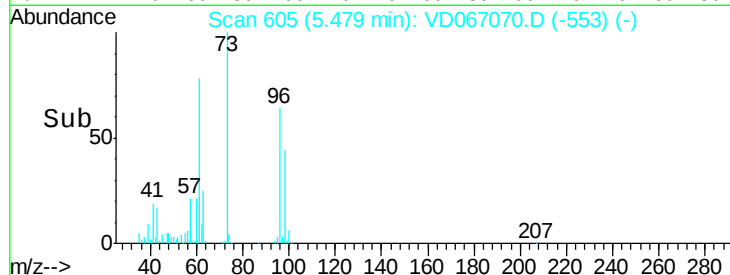
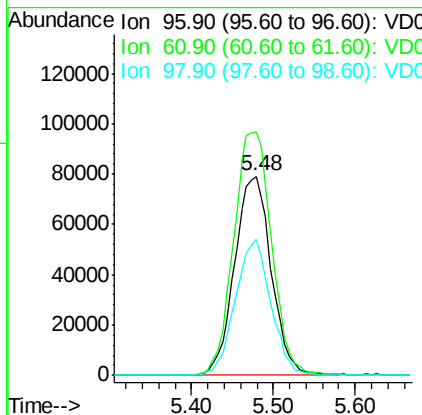
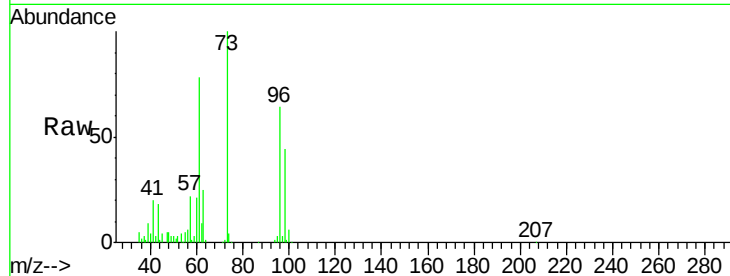
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	246825
Ion	Ratio	Lower	Upper
96	100		
61	122.3	99.6	149.4
98	68.2	49.4	74.2

Manual Integrations
APPROVED

MMDadoda
10/5/2020 5:34:40 PM



#22

Diisopropyl ether

Concen: 55.478 ug/l

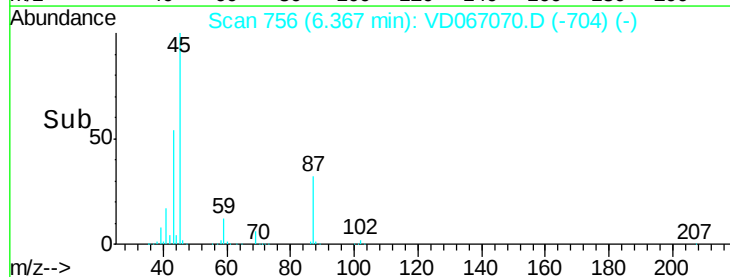
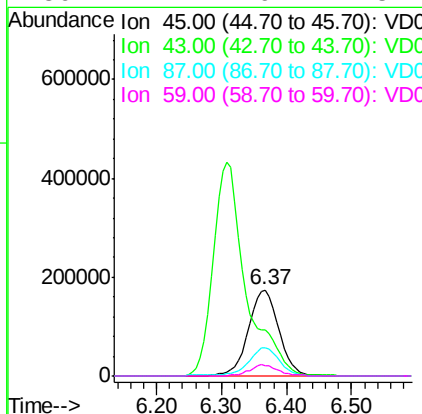
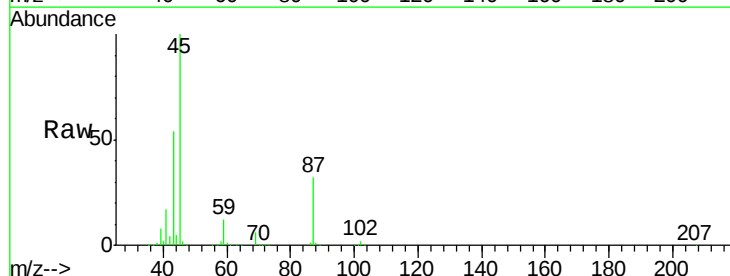
RT: 6.37 min Scan# 756

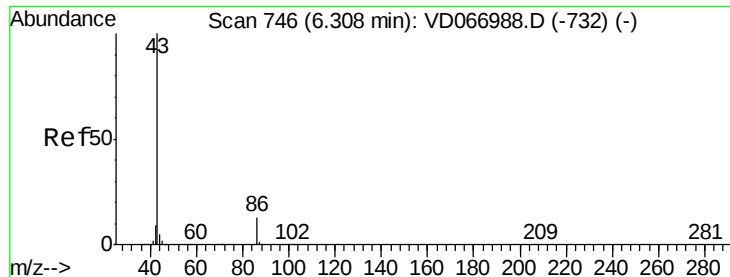
Delta R.T. 0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Tgt Ion:	45	Resp:	564326
Ion	Ratio	Lower	Upper
45	100		
43	53.7	45.2	67.8
87	32.0	25.6	38.4
59	12.4	9.1	13.7





#23

Vinyl Acetate

Concen: 260.530 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 1501725

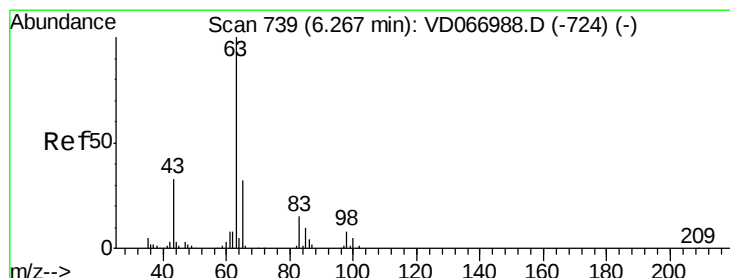
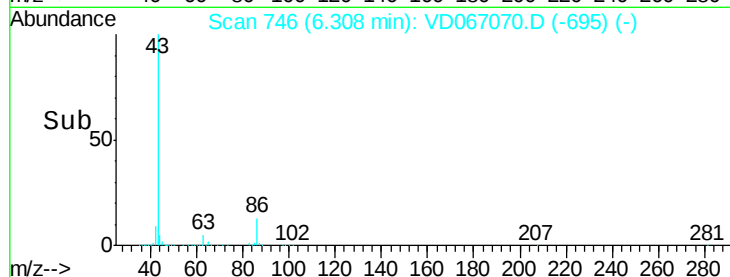
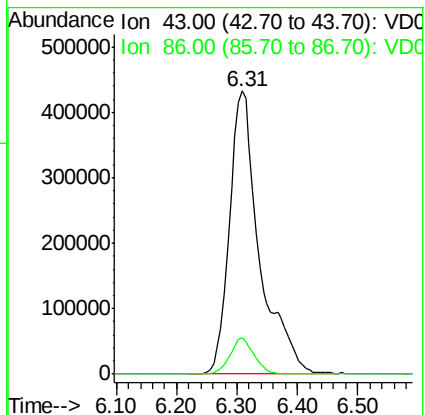
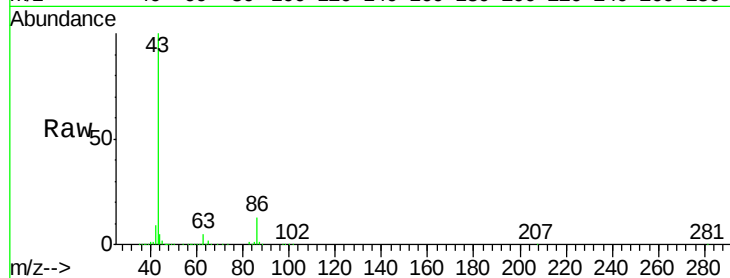
Ion Ratio Lower Upper

43 100

86 12.9 10.2 15.2

Manual Integrations
APPROVED

MMDadoda
10/5/2020 5:34:40 PM



#24

1,1-Dichloroethane

Concen: 51.817 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

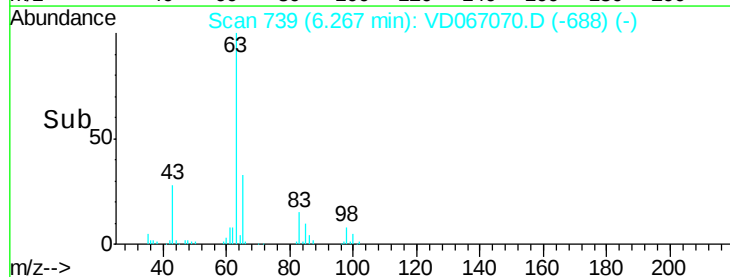
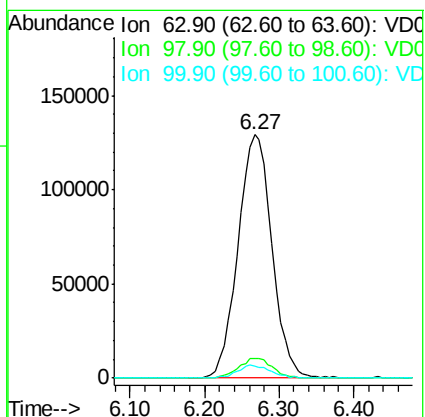
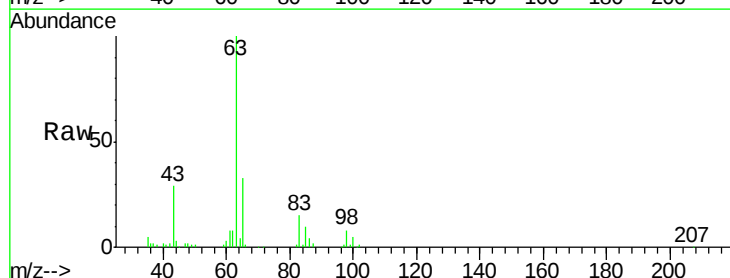
Tgt Ion: 63 Resp: 406779

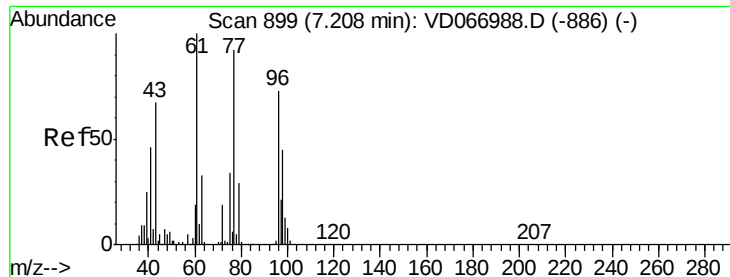
Ion Ratio Lower Upper

63 100

98 8.3 4.2 12.6

100 4.6 2.6 7.8





#25

2-Butanone

Concen: 250.390 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 237480

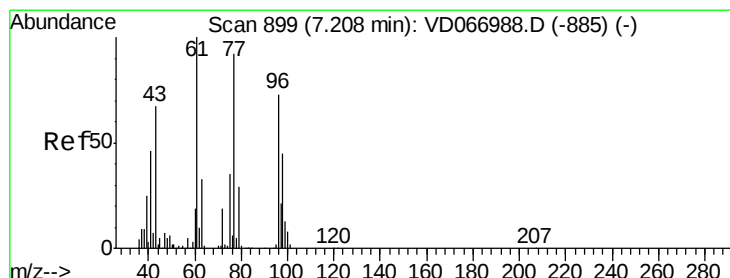
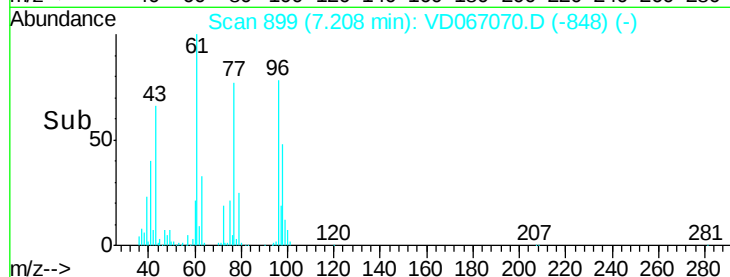
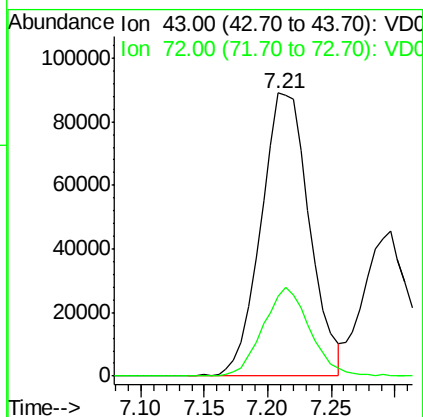
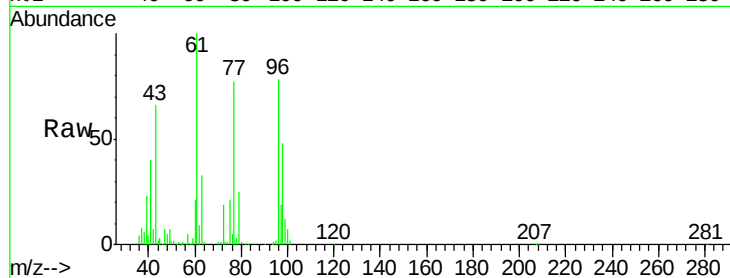
Ion Ratio Lower Upper

43 100

72 28.1 22.8 34.2

Manual Integrations
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10/5/2020 5:34:40 PM



#26

2,2-Dichloropropane

Concen: 44.653 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067070.D

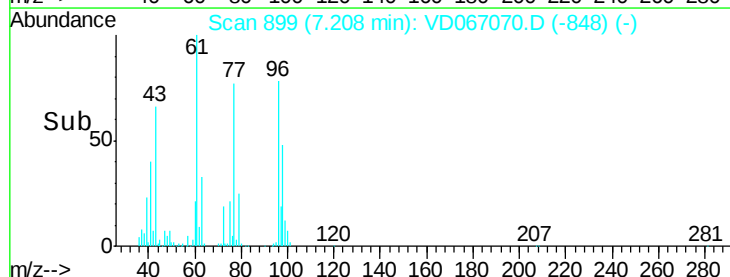
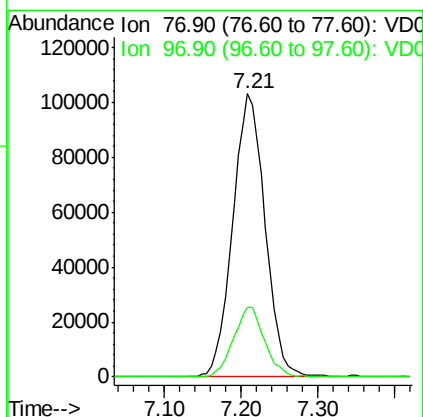
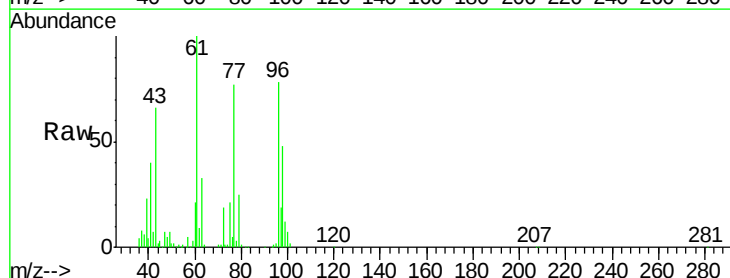
Acq: 03 Oct 2020 08:23

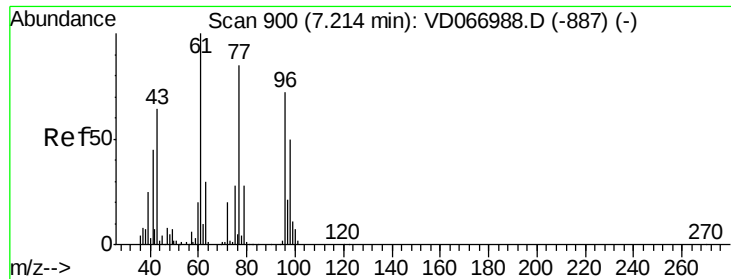
Tgt Ion: 77 Resp: 302703

Ion Ratio Lower Upper

77 100

97 23.7 11.4 34.2





#27

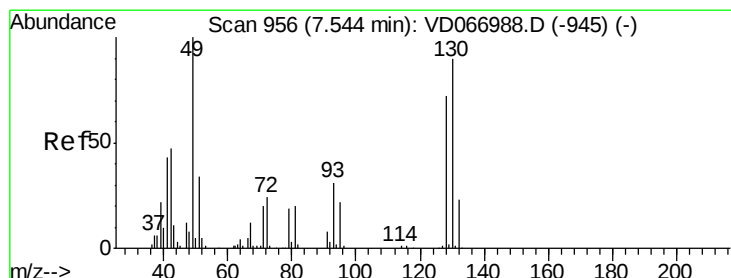
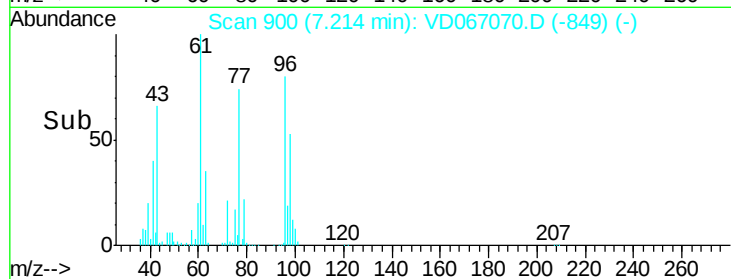
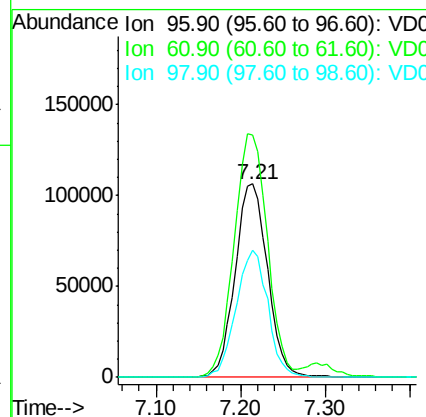
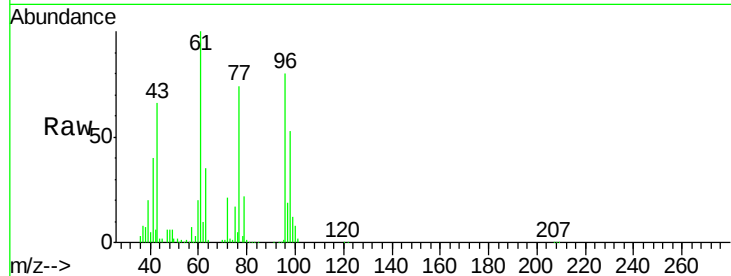
cis-1,2-Dichloroethene
Concen: 54.126 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	282154		
61	129.4	0.0	269.2	
98	64.5	0.0	129.4	

Manual Integrations
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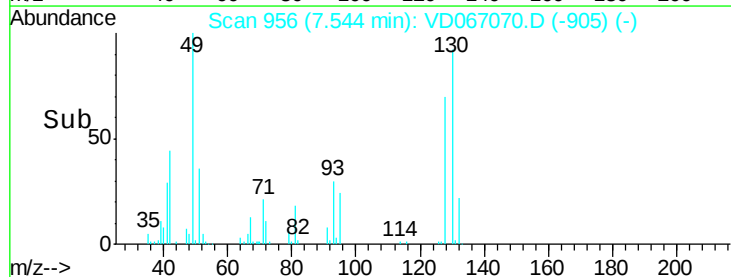
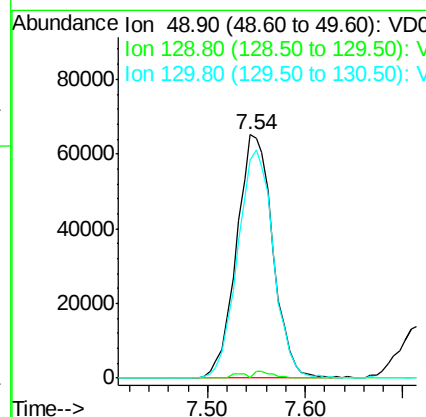
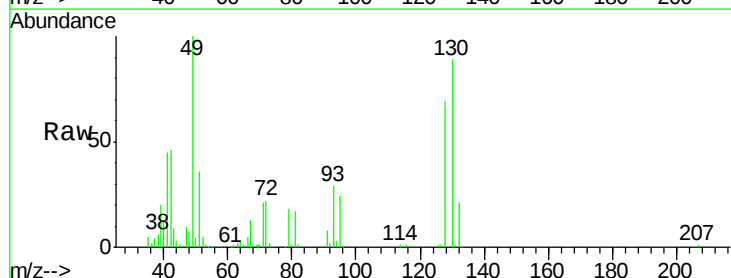
MMDadoda
10/5/2020 5:34:40 PM

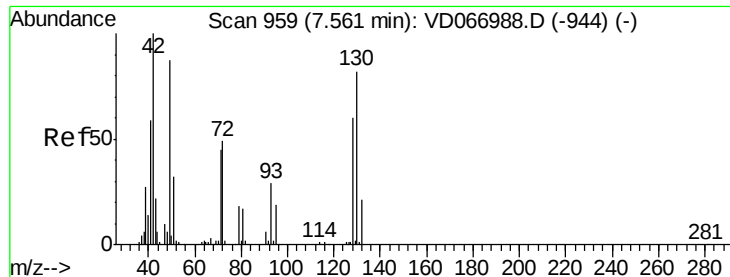


#28

Bromochloromethane
Concen: 55.600 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	168562		
129	1.5	0.0	4.6	
130	92.8	74.1	111.1	





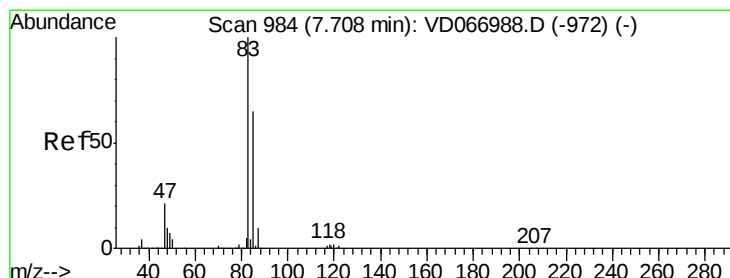
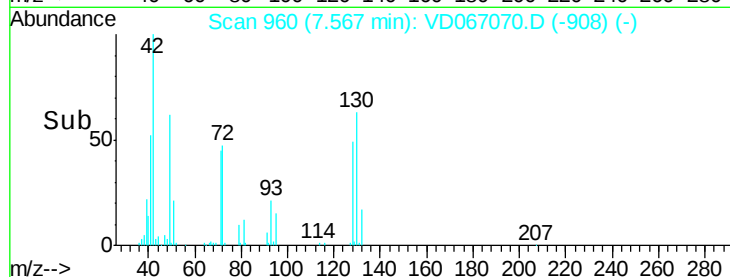
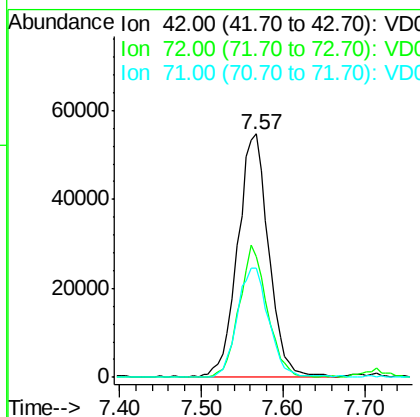
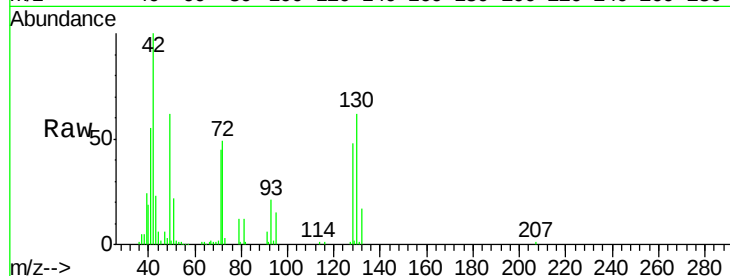
#29
Tetrahydrofuran
Concen: 265.727 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	39.1	58.7
71	45.1	34.2	51.4

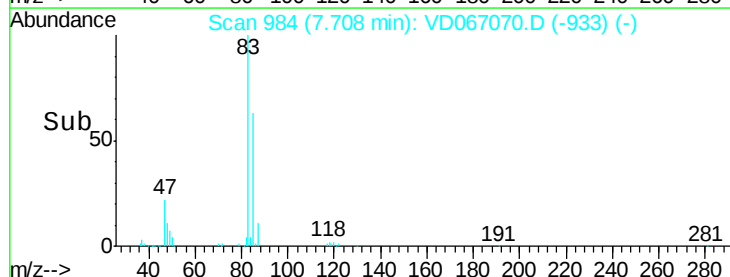
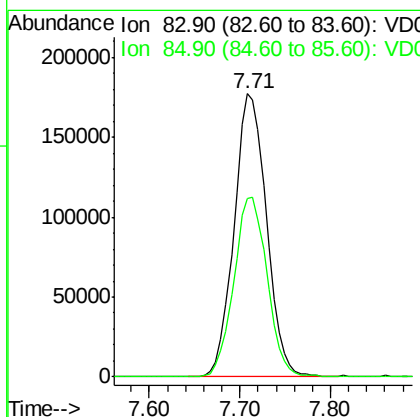
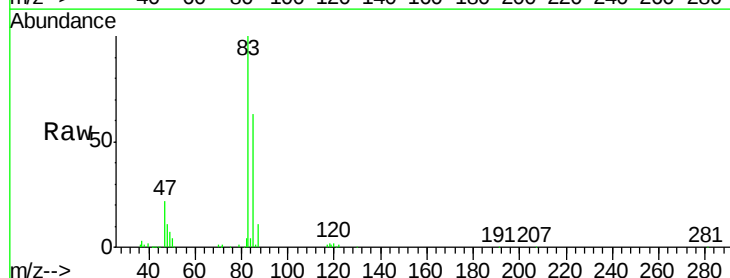
Manual Integrations
APPROVED

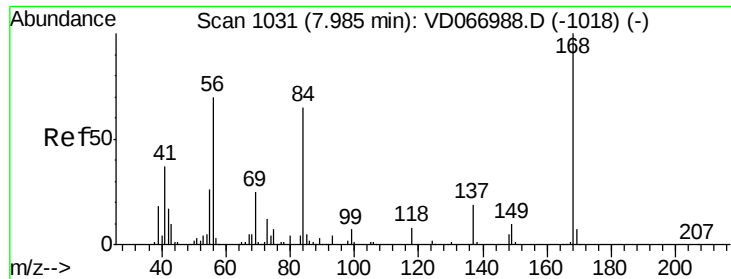
MMDadoda
10/5/2020 5:34:40 PM



#30
Chloroform
Concen: 51.799 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.3	78.5





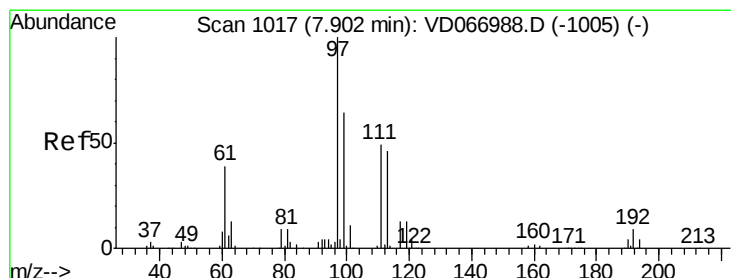
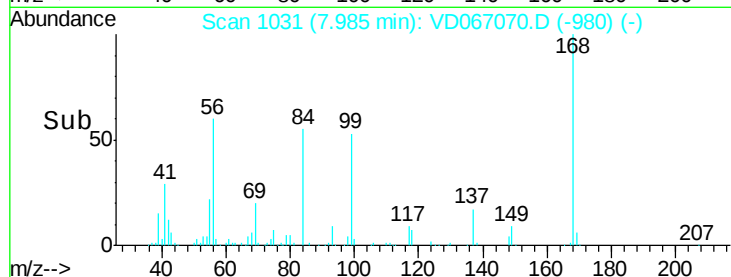
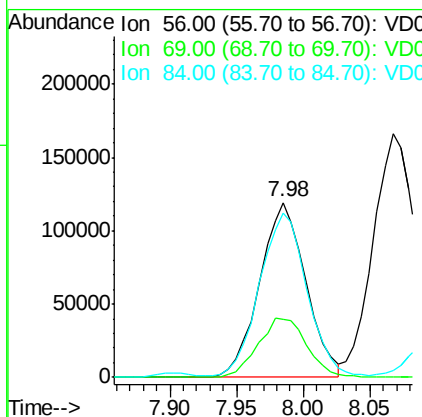
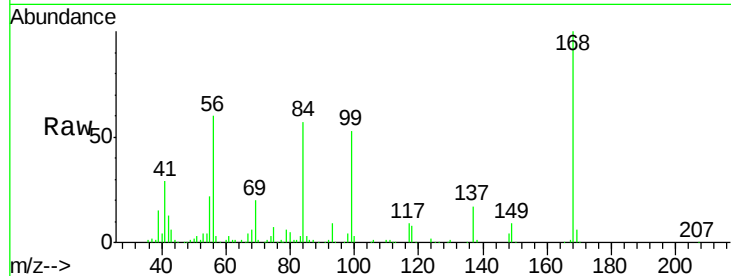
#31
Cyclohexane
Concen: 43.594 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	29.0	43.6
84	92.5	74.2	111.2

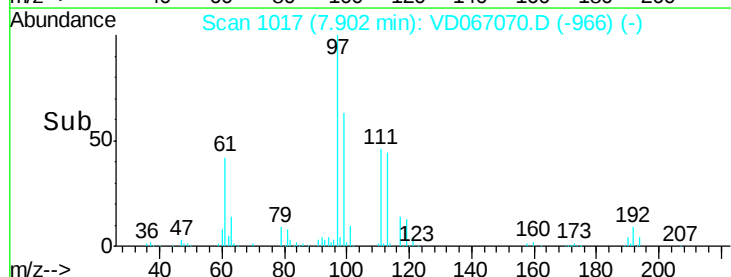
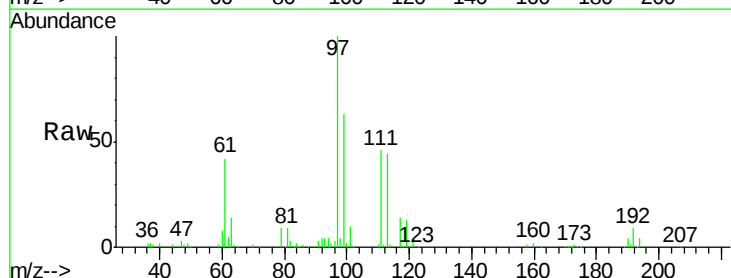
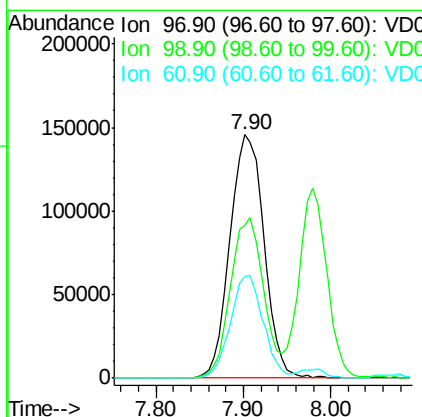
Manual Integrations
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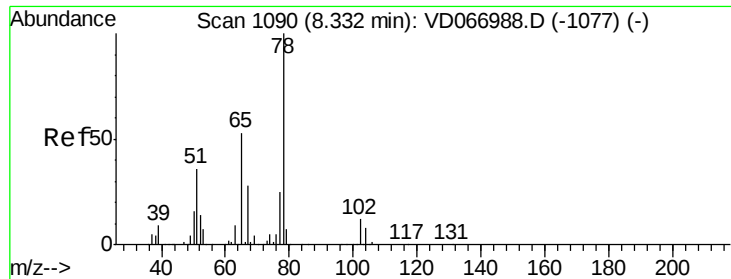
MMDadoda
10/5/2020 5:34:40 PM



#32
1,1,1-Trichloroethane
Concen: 49.015 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.6	78.8
61	40.5	32.8	49.2





#33

1,2-Dichloroethane-d4

Concen: 49.878 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 218582

Ion Ratio Lower Upper

65 100

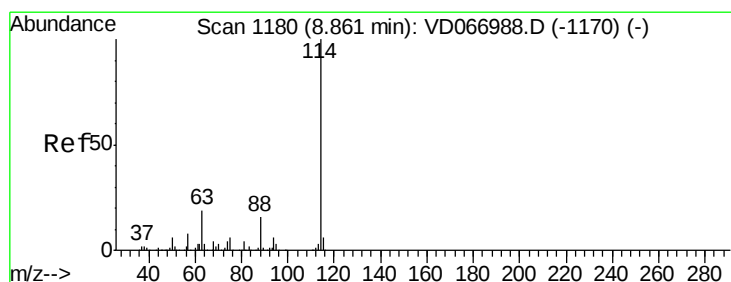
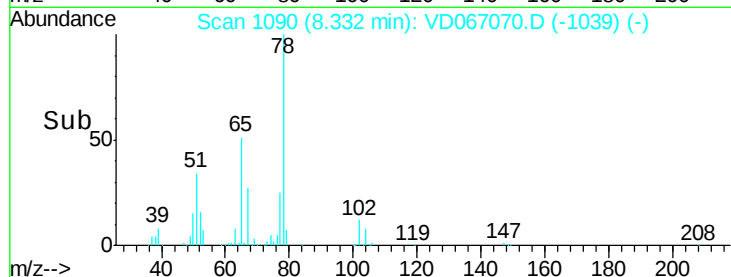
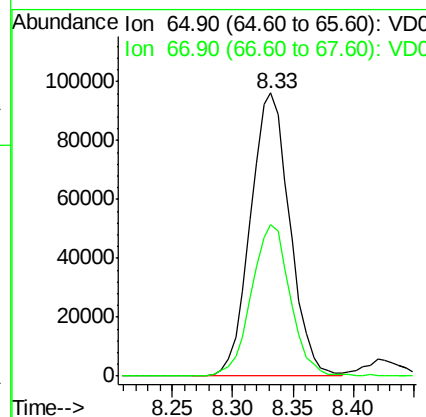
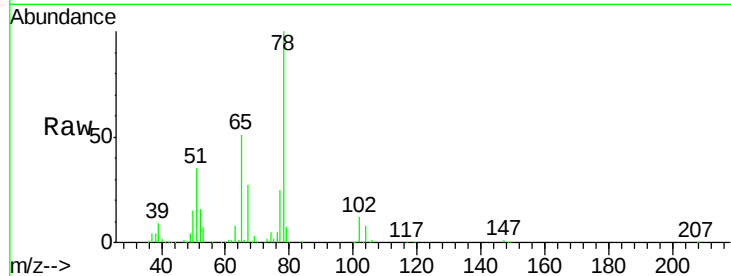
67 53.1 0.0 106.8

Manual Integrations

APPROVED

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10/5/2020 5:34:40 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

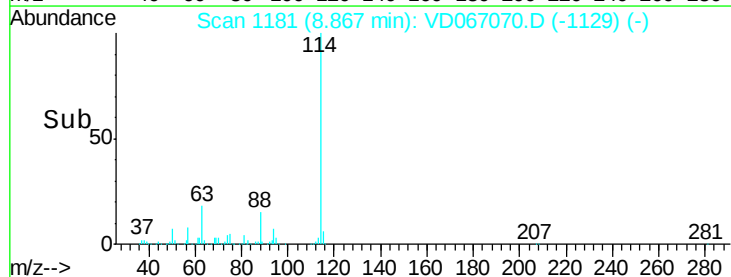
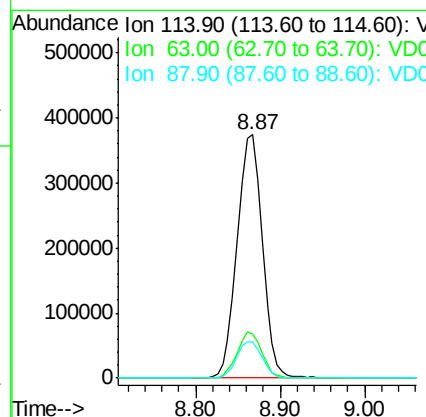
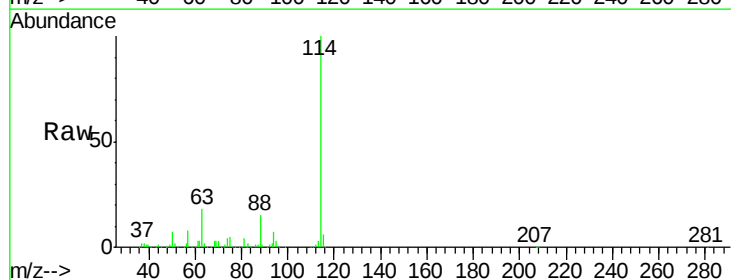
Tgt Ion: 114 Resp: 773270

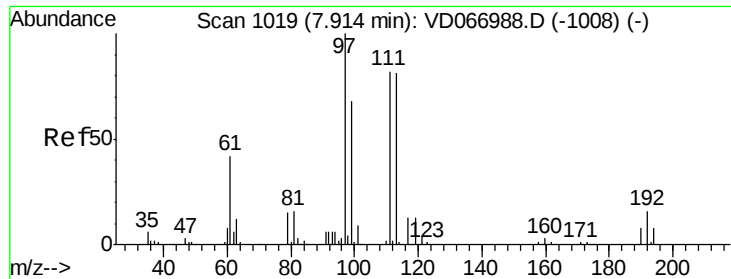
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

88 15.1 0.0 31.2





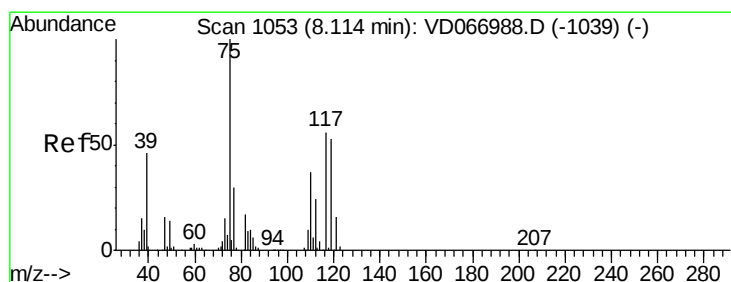
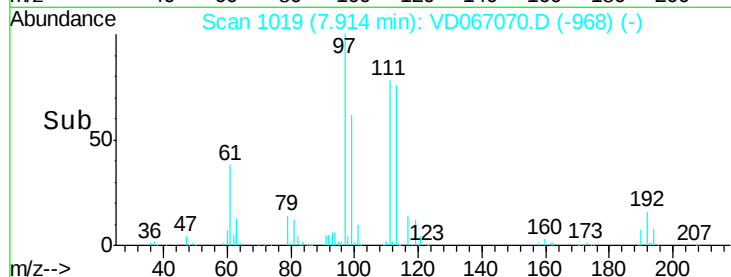
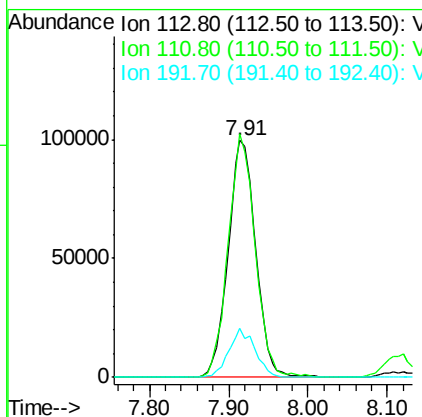
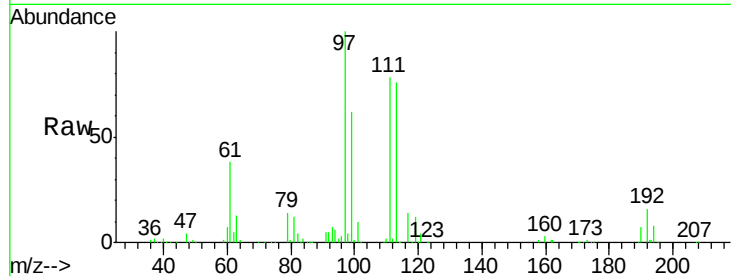
#35
 Dibromofluoromethane
 Concen: 47.286 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	239381		
111	100.7	83.0	124.4	
192	19.5	15.5	23.3	

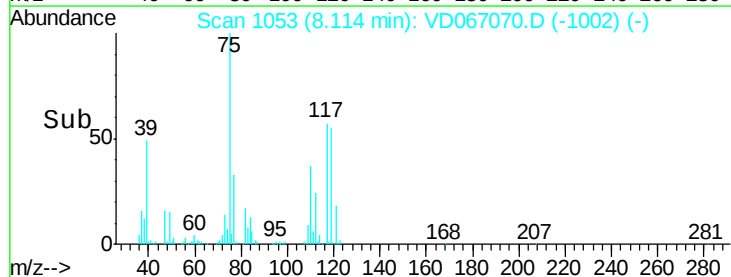
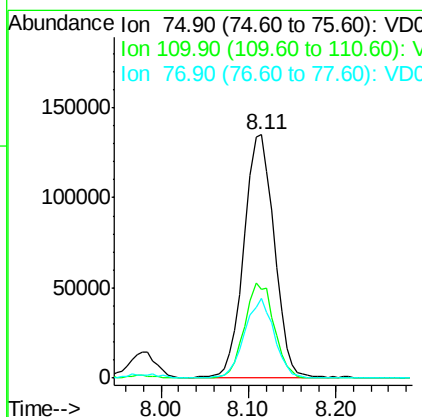
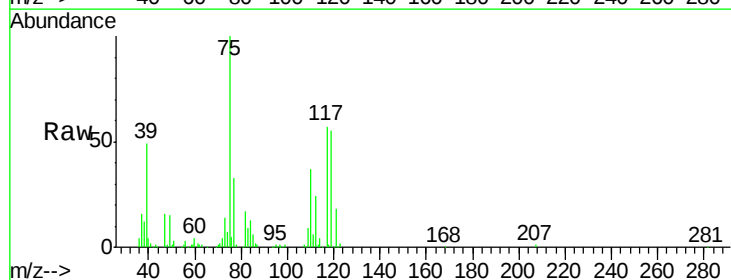
Manual Integrations
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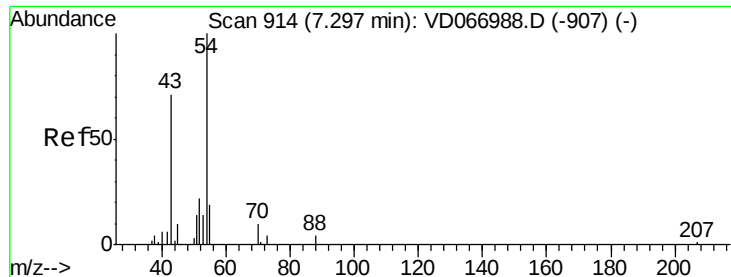
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#36
 1,1-Dichloropropene
 Concen: 43.686 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	314880		
110	38.1	18.4	55.0	
77	32.1	24.8	37.2	





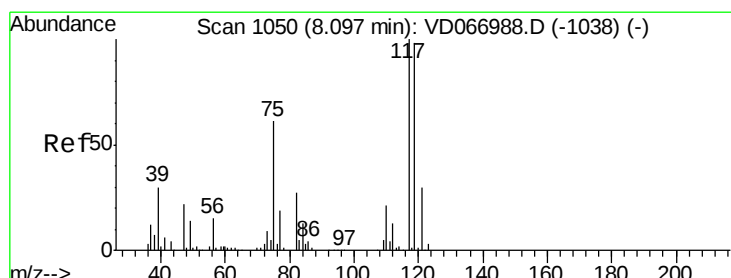
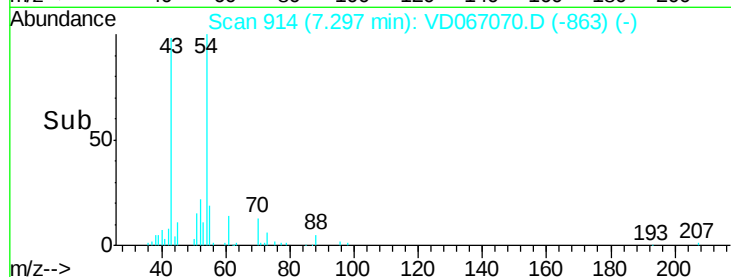
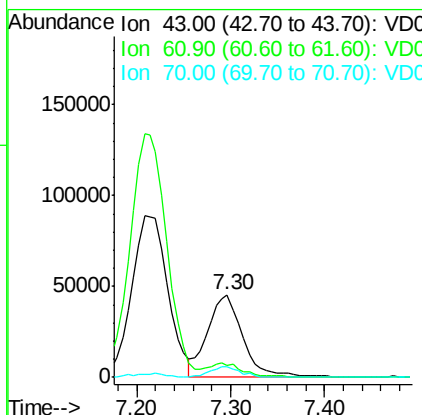
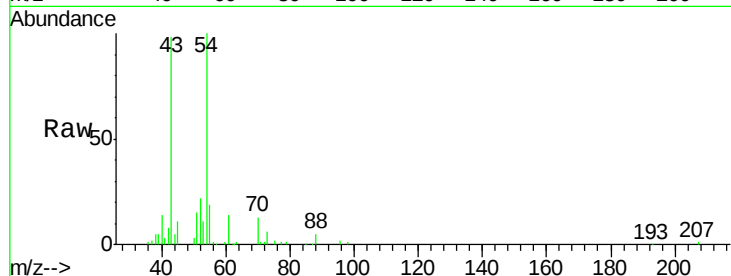
#37
Ethyl Acetate
Concen: 46.972 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.2	12.5	18.7
70	12.3	9.4	14.0

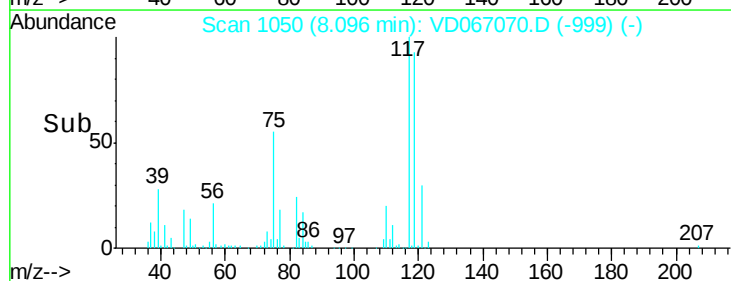
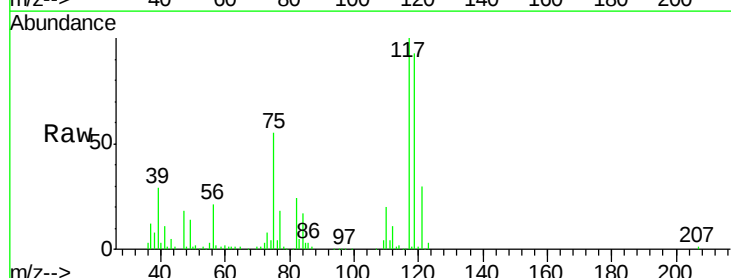
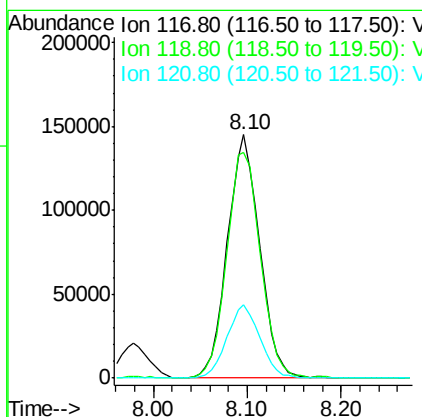
Manual Integrations
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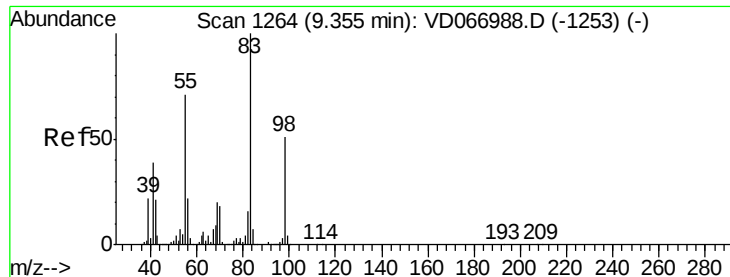
MMDadoda
10/5/2020 5:34:40 PM



#38
Carbon Tetrachloride
Concen: 44.059 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	78.7	118.1
121	30.1	24.2	36.2





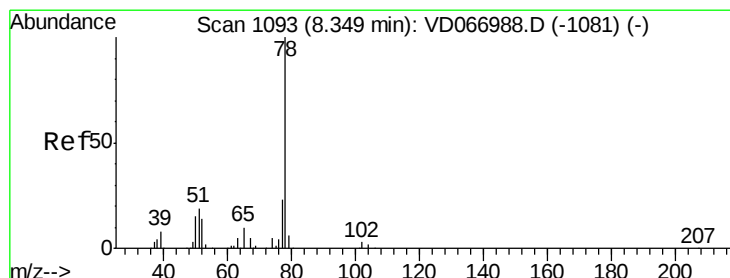
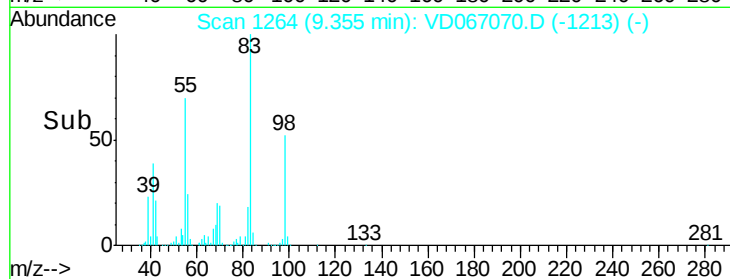
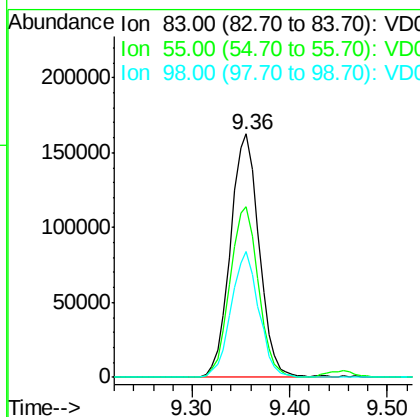
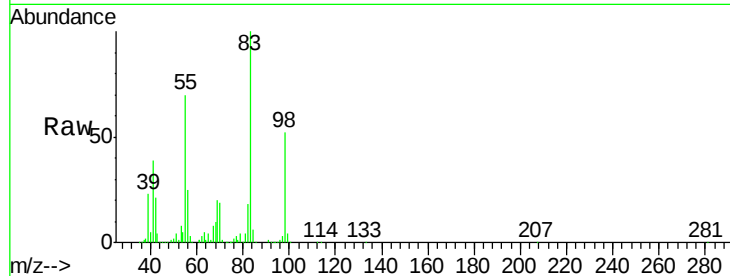
#39
Methylvlcyclohexane
Concen: 43.712 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	333098
Ion Ratio	Lower	Upper	
83	100		
55	70.2	57.1	85.7
98	51.8	40.9	61.3

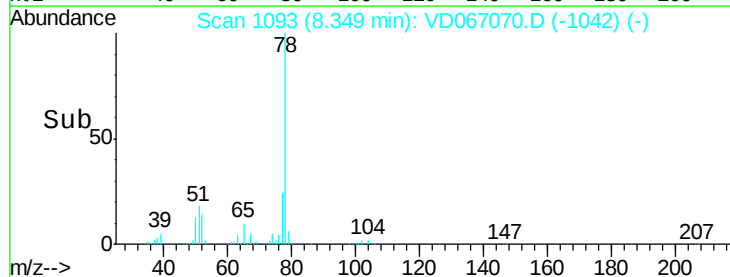
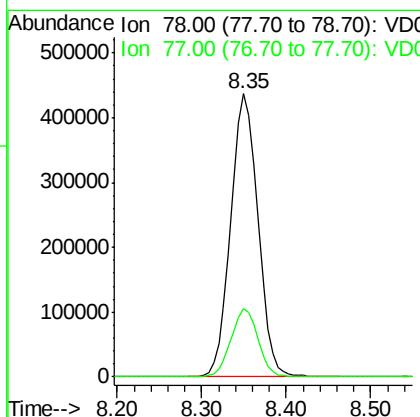
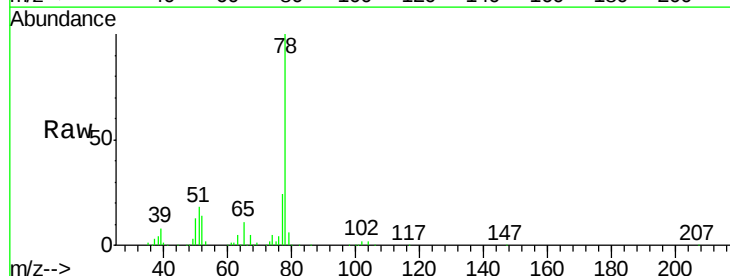
Manual Integrations
APPROVED

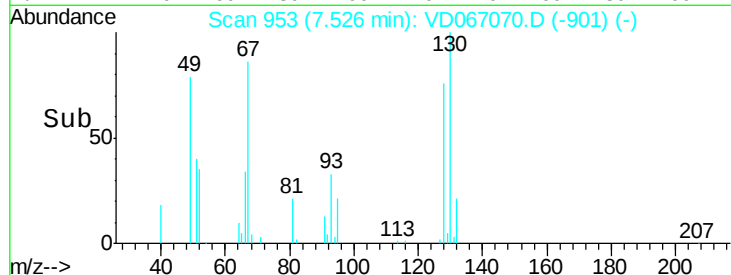
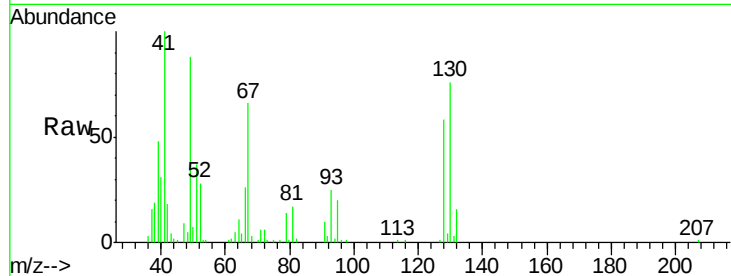
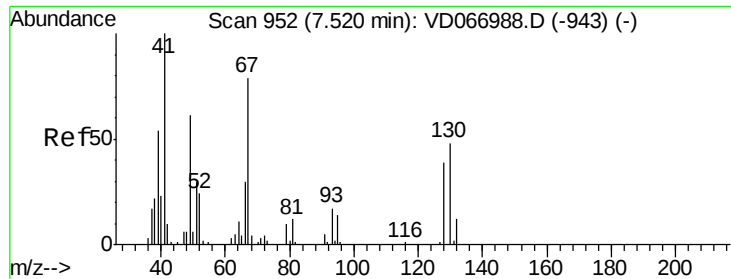
MMDadoda
10/5/2020 5:34:40 PM



#40
Benzene
Concen: 48.516 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	78	Resp	971278
Ion Ratio	Lower	Upper	
78	100		
77	24.2	18.4	27.6





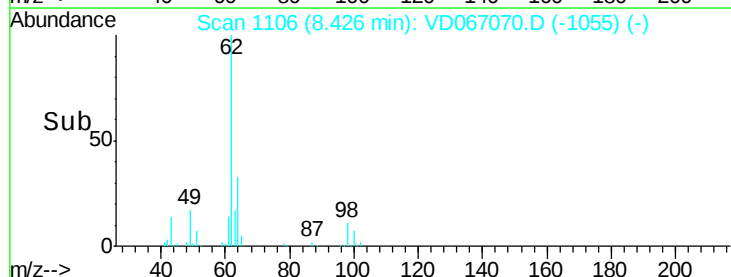
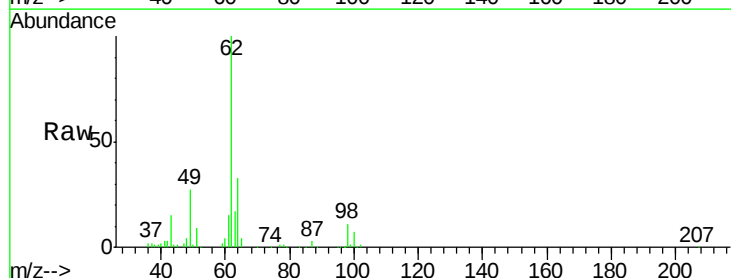
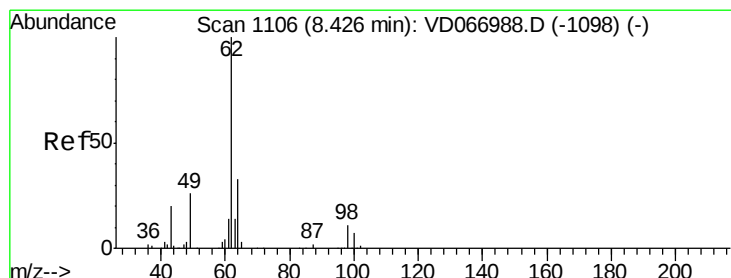
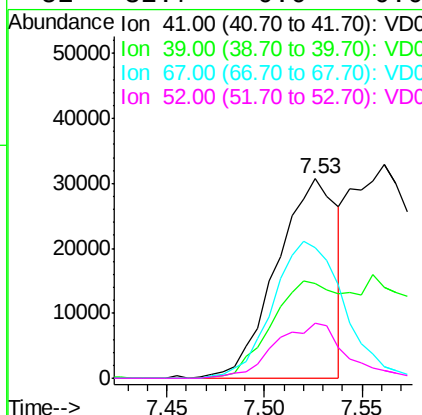
#41
Methacrylonitrile
Concen: 49.124 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.0	0.0	0.0#
67	80.7	0.0	0.0#
52	32.7	0.0	0.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

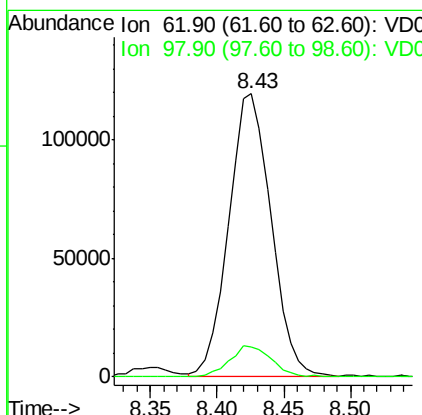
Manual Integrations
APPROVED

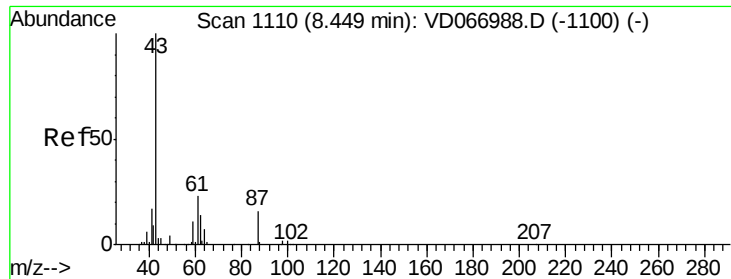
MMDadoda
10/5/2020 5:34:40 PM



#42
1,2-Dichloroethane
Concen: 46.930 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.6





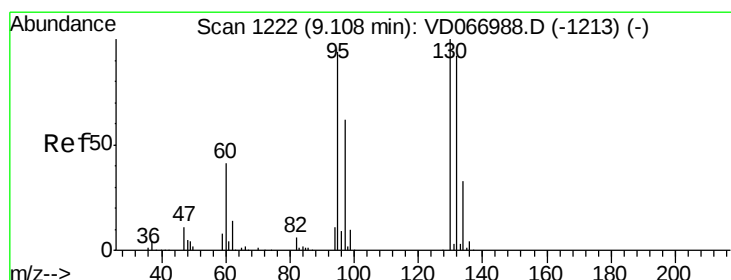
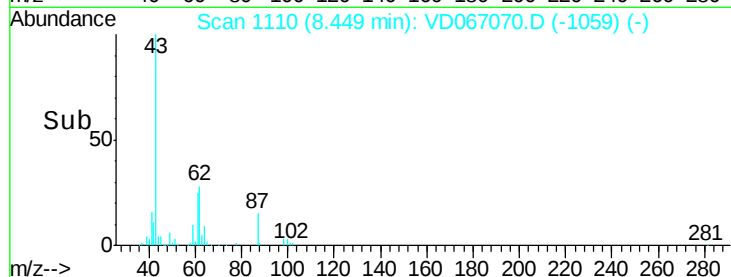
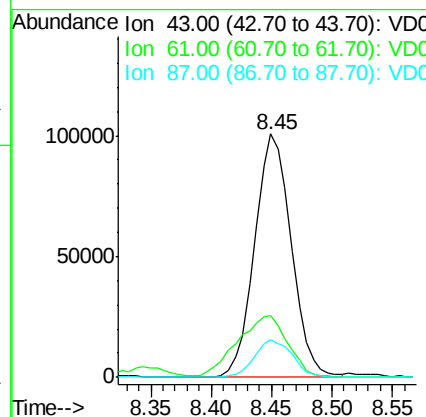
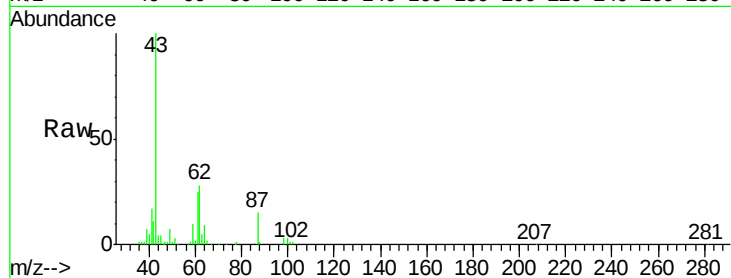
#43
Isopropyl Acetate
Concen: 45.980 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	35.5	27.1	40.7
87	16.1	12.3	18.5

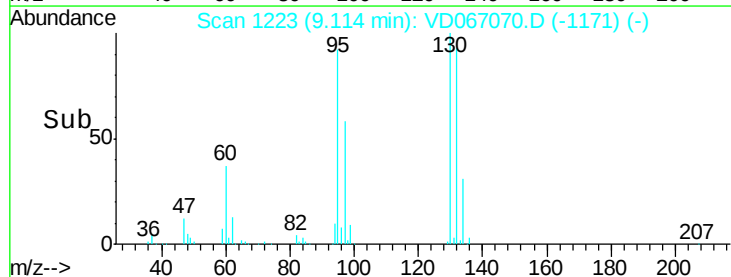
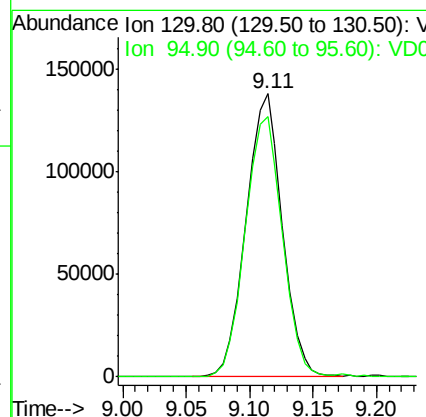
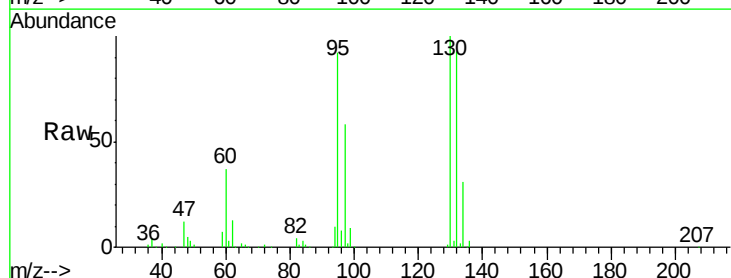
Manual Integrations
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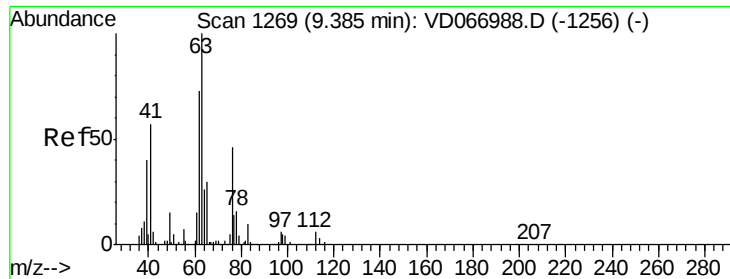
MMDadoda
10/5/2020 5:34:40 PM



#44
Trichloroethene
Concen: 45.824 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	187.8





#45

1,2-Dichloropropane

Concen: 49.750 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 234018

Ion Ratio Lower Upper

63 100

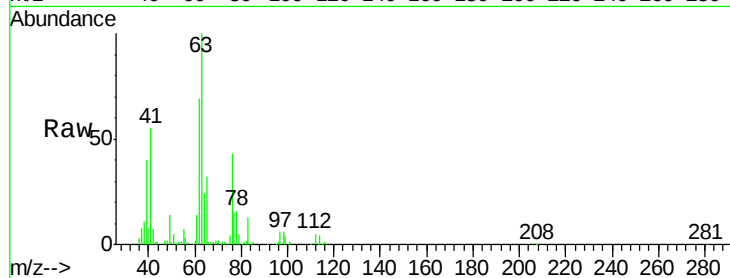
65 31.7 23.7 35.5

Manual Integrations

APPROVED

MMDadoda

10/5/2020 5:34:40 PM



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

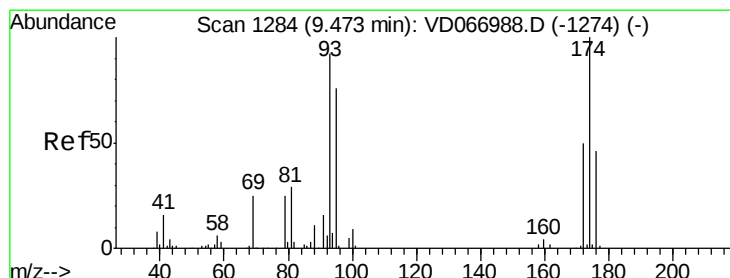
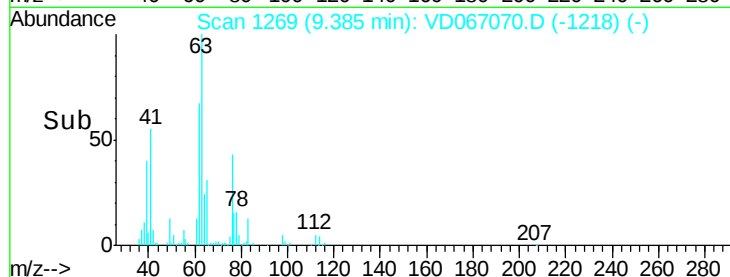
9.38

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.134 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

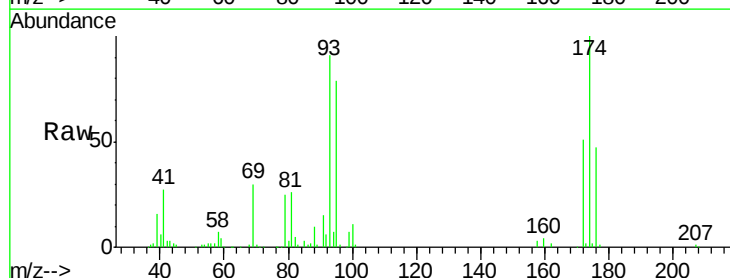
Tgt Ion: 93 Resp: 130134

Ion Ratio Lower Upper

93 100

95 82.5 64.7 97.1

174 103.8 81.4 122.2



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

9.47

80000

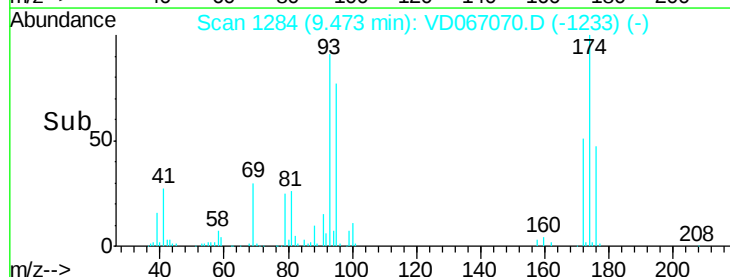
60000

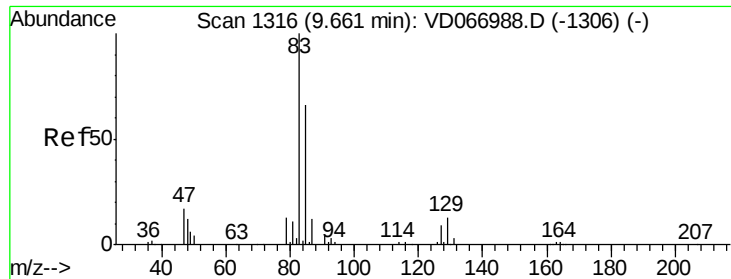
40000

20000

0

Time-->





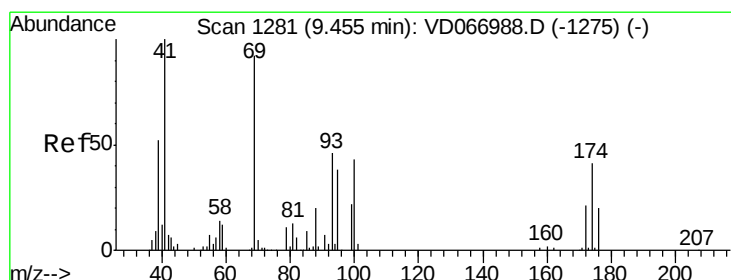
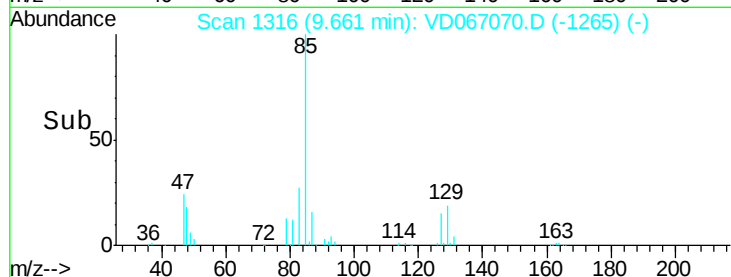
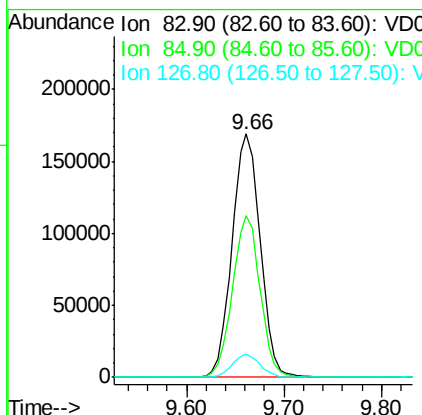
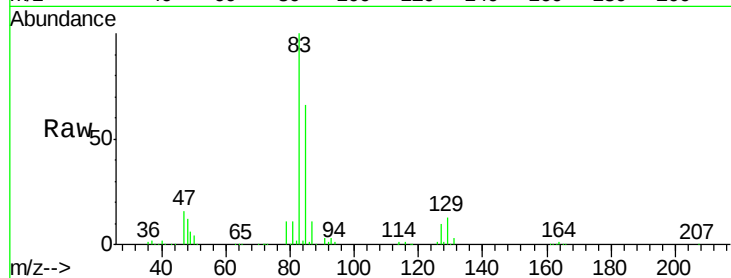
#47
Bromodichloromethane
Concen: 48.342 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	339739		
85	66.3	52.9	79.3	
127	9.7	7.3	10.9	

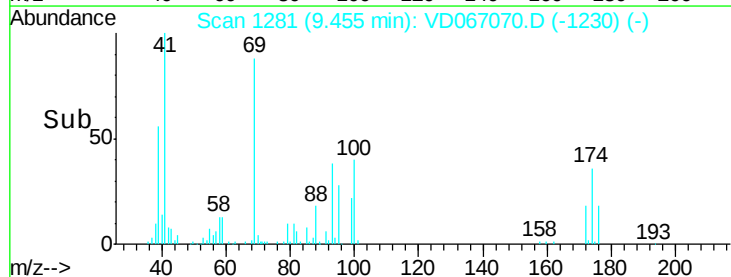
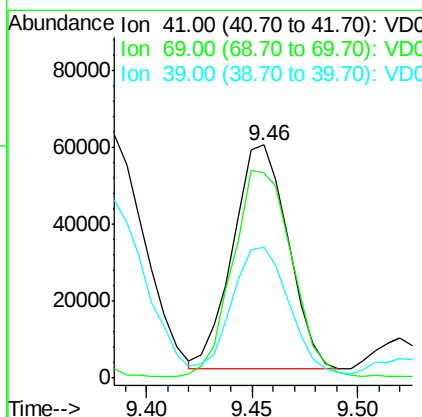
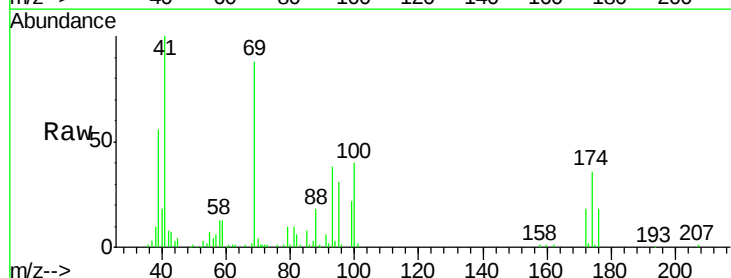
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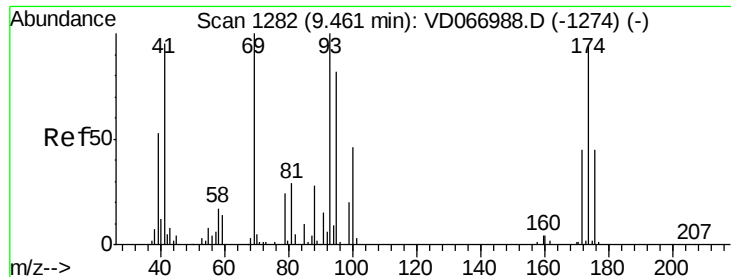
MMDadoda
10/5/2020 5:34:40 PM



#48
Methyl methacrylate
Concen: 44.977 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	105992		
69	99.2	68.5	102.7	
39	62.9	40.2	60.2#	





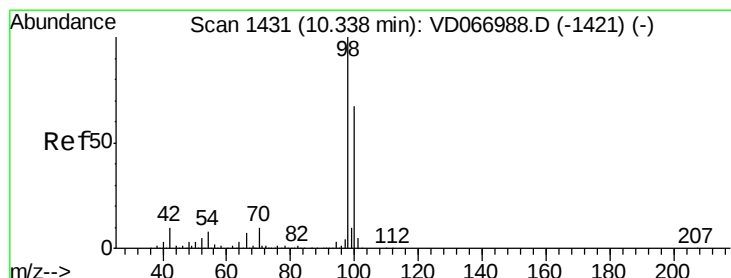
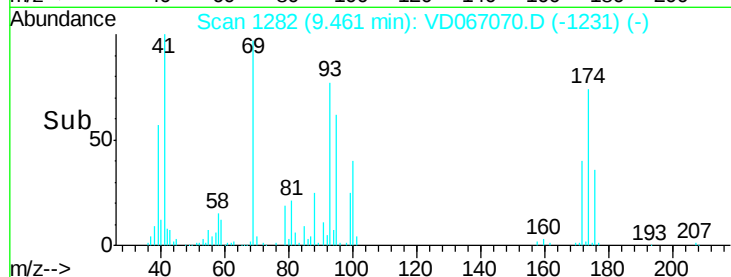
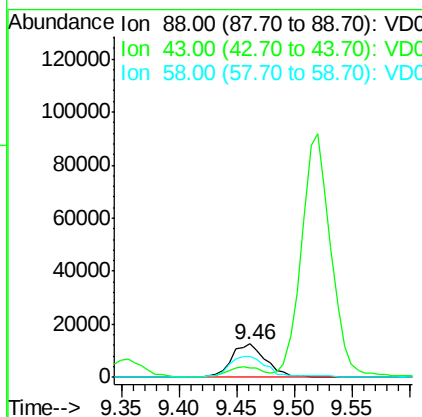
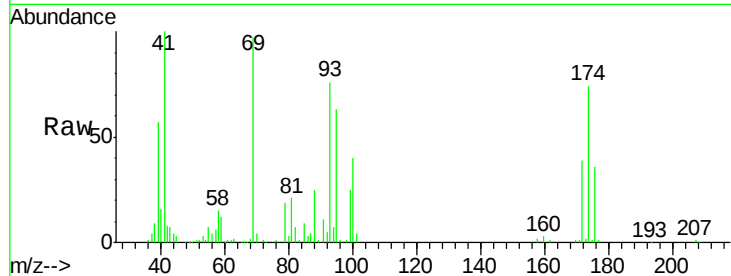
#49
1,4-Dioxane
Concen: 923.283 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.6	38.4
58	67.4	53.5	80.3

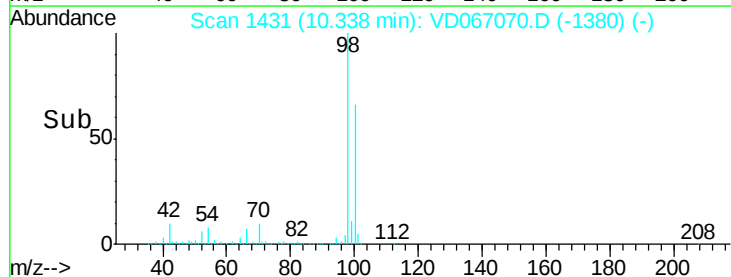
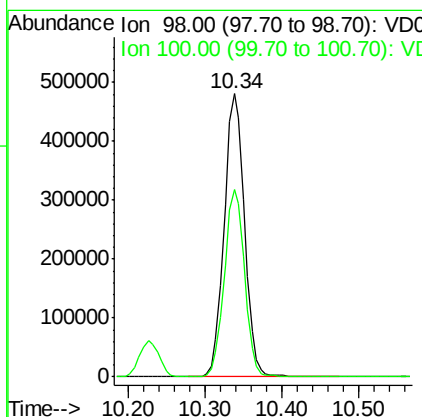
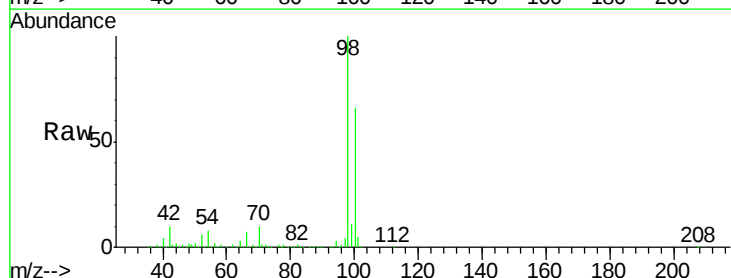
Manual Integrations
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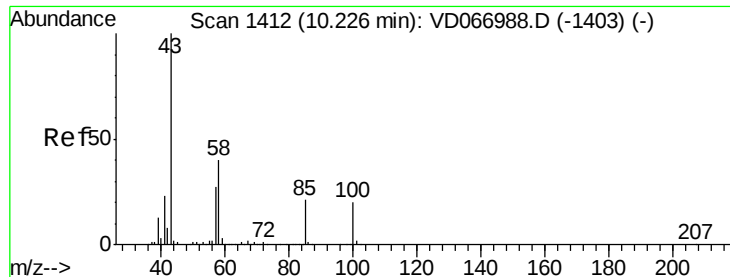
MMDadoda
10/5/2020 5:34:40 PM



#50
Toluene-d8
Concen: 47.983 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 247.502 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 567080

Ion Ratio Lower Upper

43 100

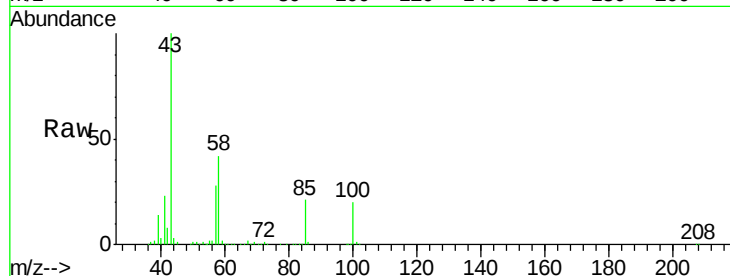
58 41.3 33.8 50.8

Manual Integrations

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MMDadoda

10/5/2020 5:34:40 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

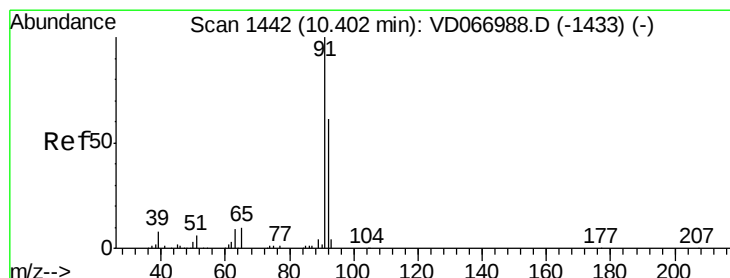
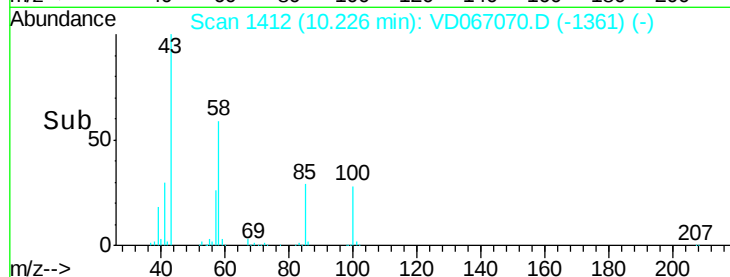
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.347 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD067070.D

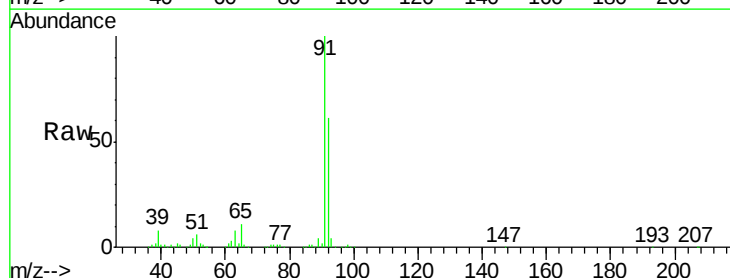
Acq: 03 Oct 2020 08:23

Tgt Ion: 92 Resp: 636397

Ion Ratio Lower Upper

92 100

91 167.6 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

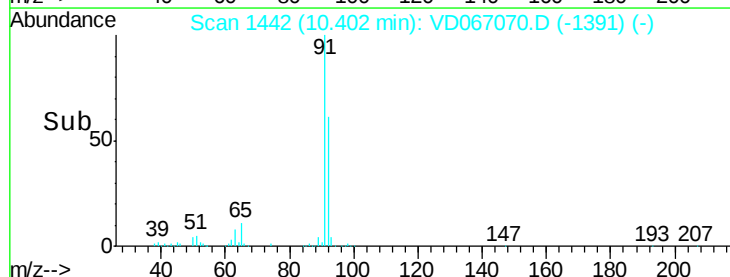
600000

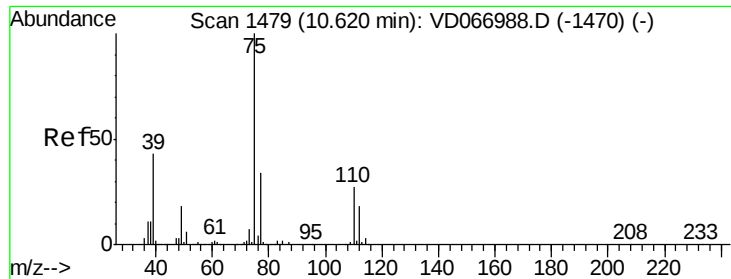
400000

200000

0

Time-->





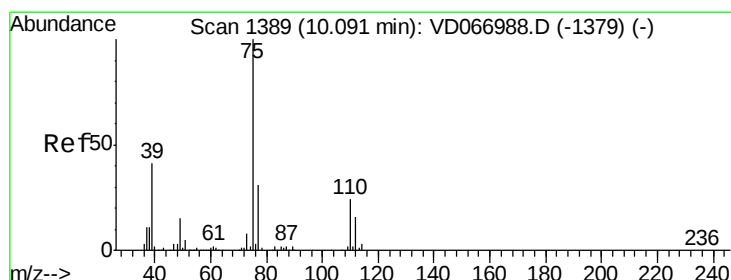
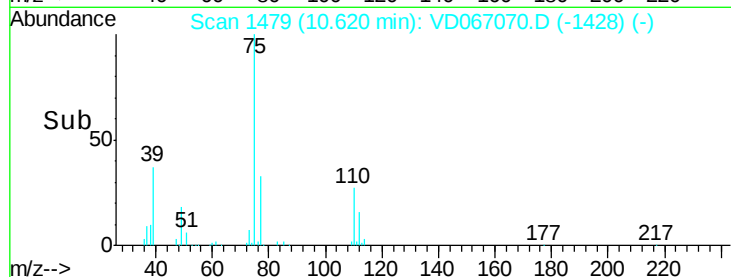
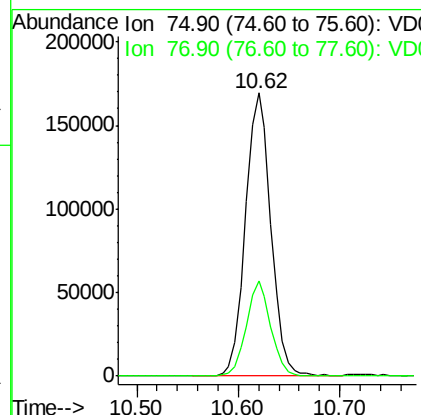
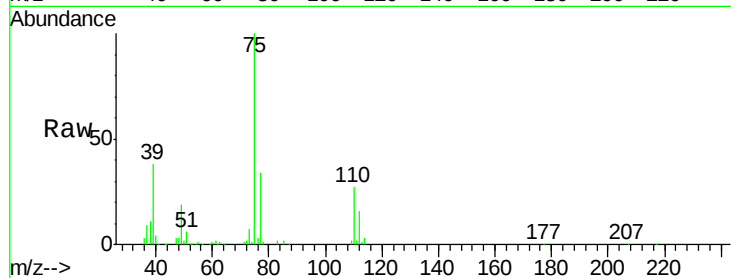
#53
 t-1,3-Dichloropropene
 Concen: 46.766 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 293738
 Ion Ratio Lower Upper
 75 100
 77 33.5 27.1 40.7

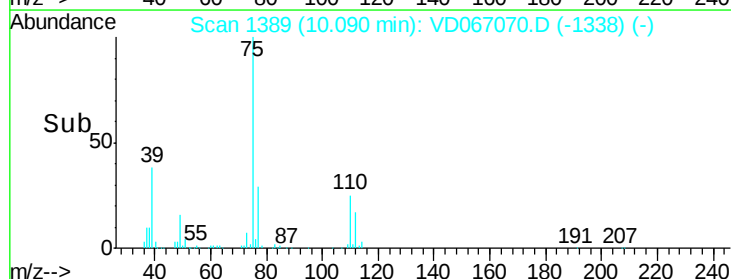
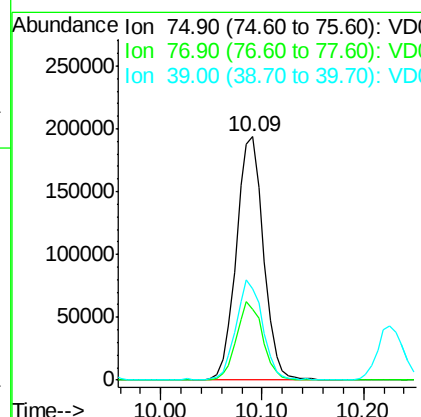
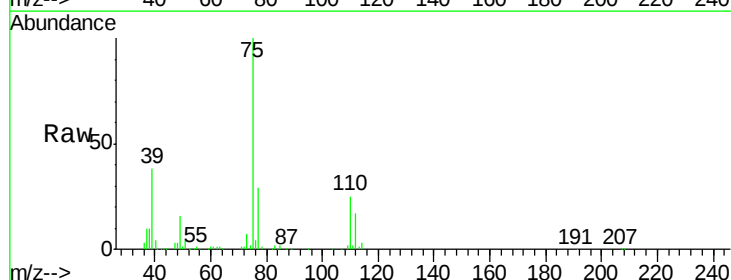
Manual Integrations
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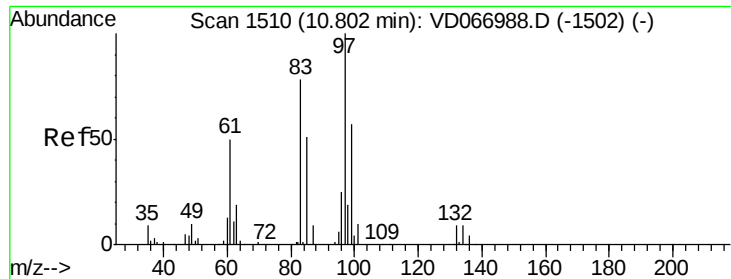
MMDadoda
 10/5/2020 5:34:40 PM



#54
 cis-1,3-Dichloropropene
 Concen: 46.983 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion: 75 Resp: 360352
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.6 37.0
 39 37.6 33.0 49.4





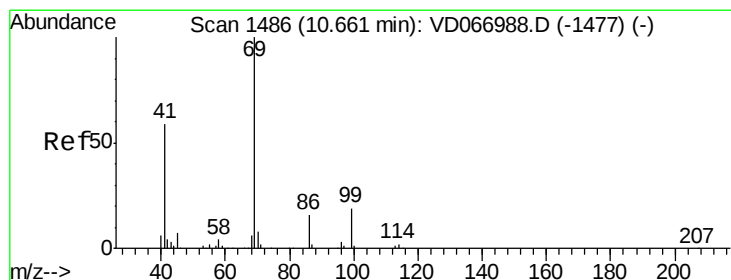
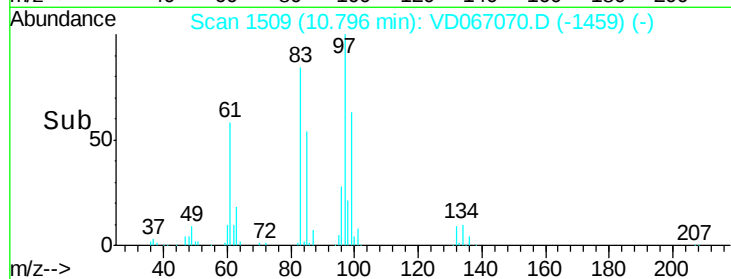
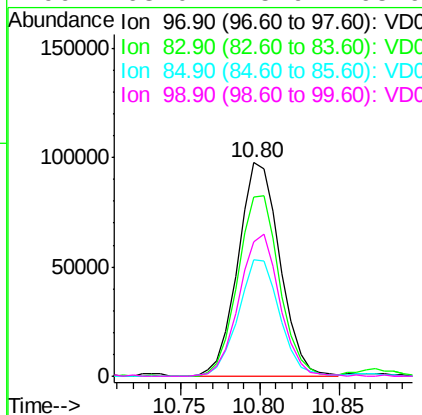
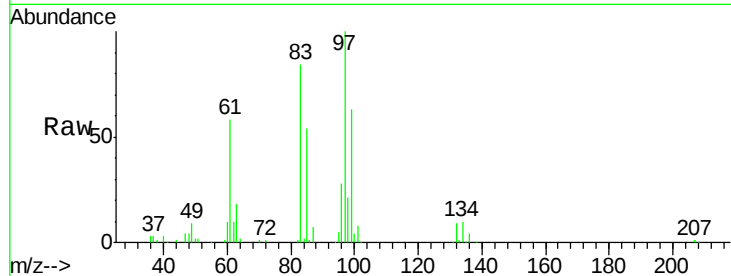
#55
 1,1,2-Trichloroethane
 Concen: 47.478 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	178461
Ion	Ratio	Lower	Upper
97	100		
83	83.6	62.4	93.6
85	54.4	41.0	61.4
99	63.0	45.9	68.9

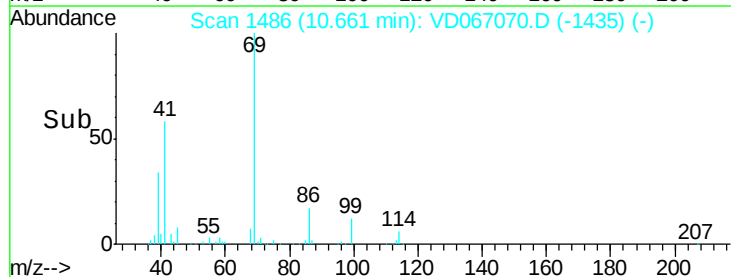
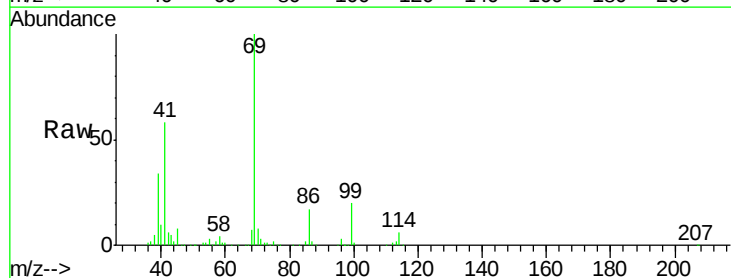
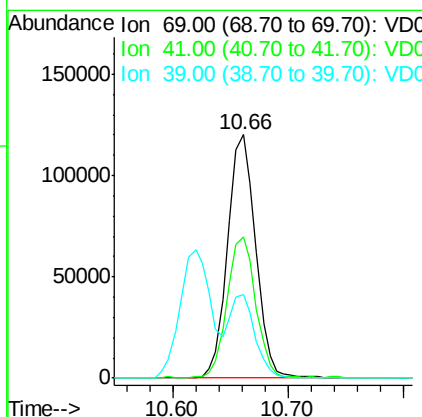
Manual Integrations
 APPROVED

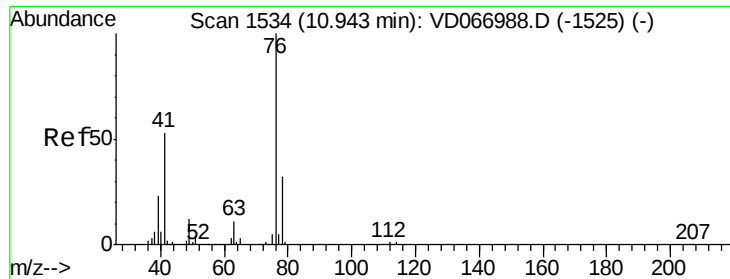
MMDadoda
 10/5/2020 5:34:40 PM



#56
 Ethyl methacrylate
 Concen: 52.303 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion:	69	Resp:	202972
Ion	Ratio	Lower	Upper
69	100		
41	59.6	46.4	69.6
39	31.0	23.8	35.6





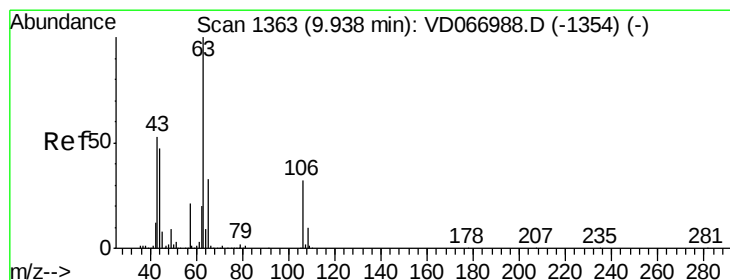
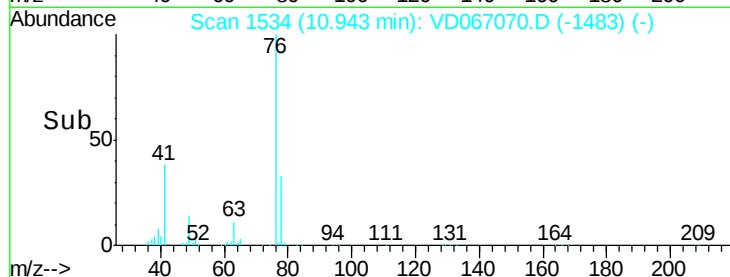
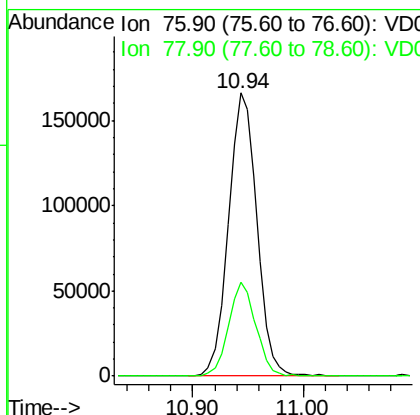
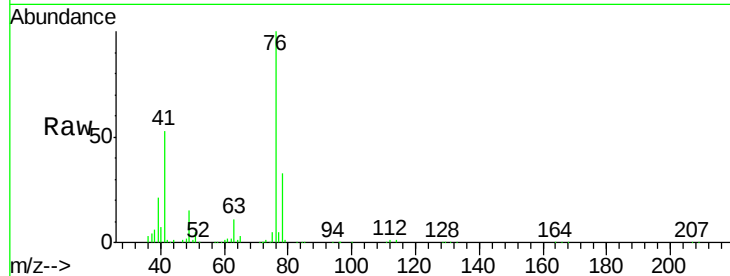
#57
 1,3-Dichloropropane
 Concen: 49.117 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 299381
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

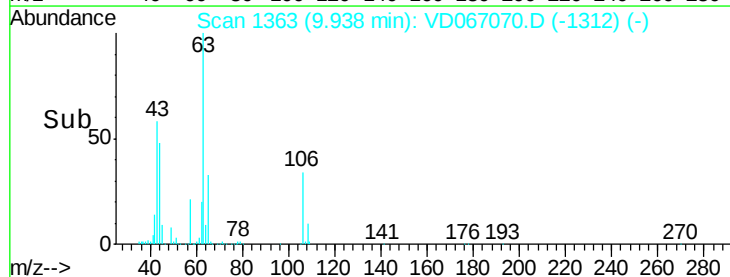
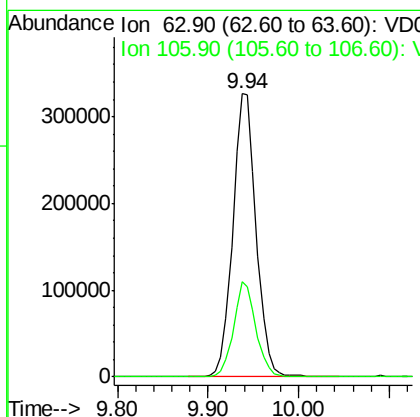
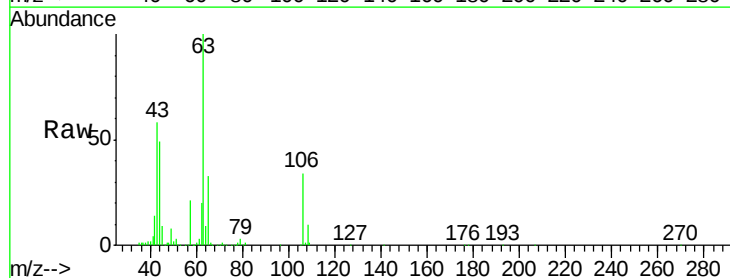
Manual Integrations
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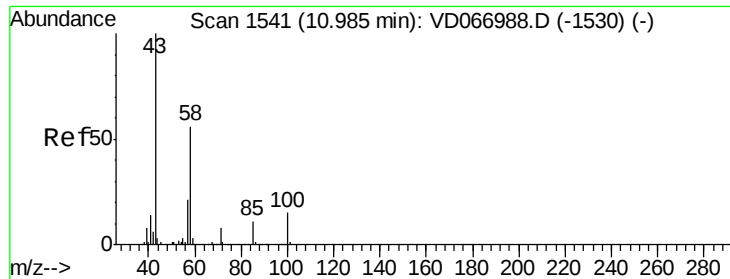
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 270.574 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion: 63 Resp: 584424
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.3 37.9





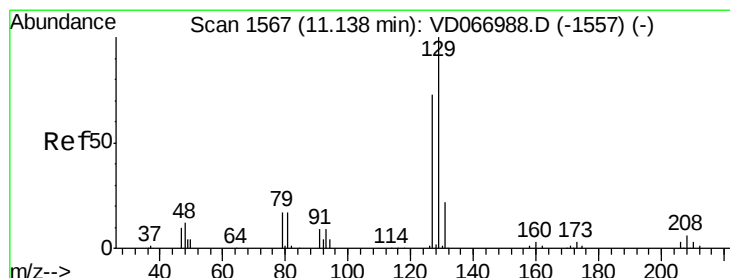
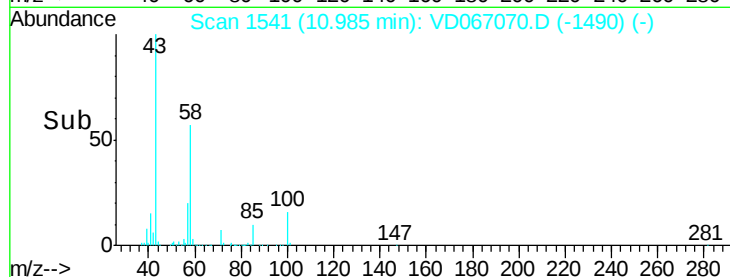
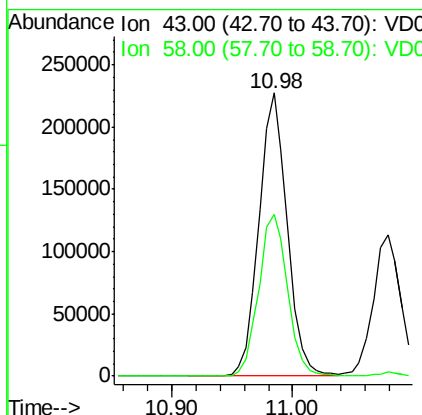
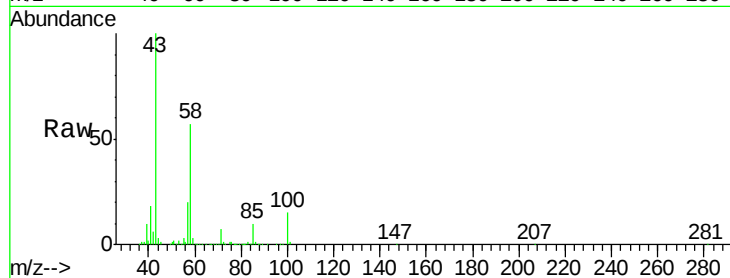
#59
2-Hexanone
Concen: 242.887 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 371435
Ion Ratio Lower Upper
43 100
58 58.4 28.3 84.9

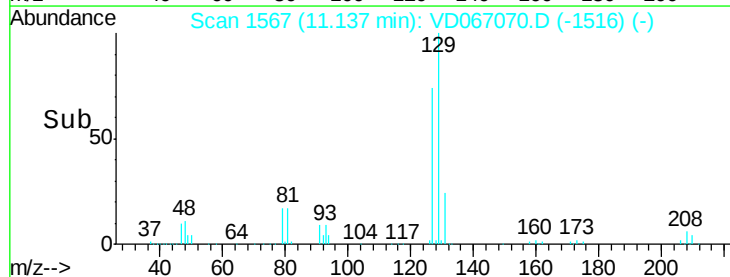
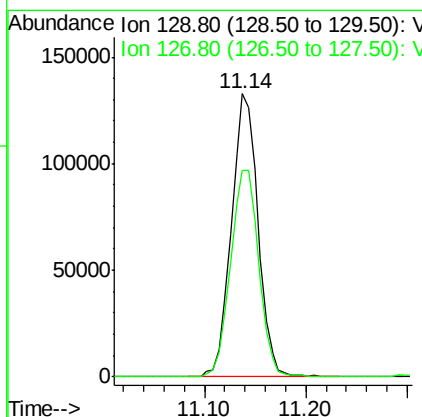
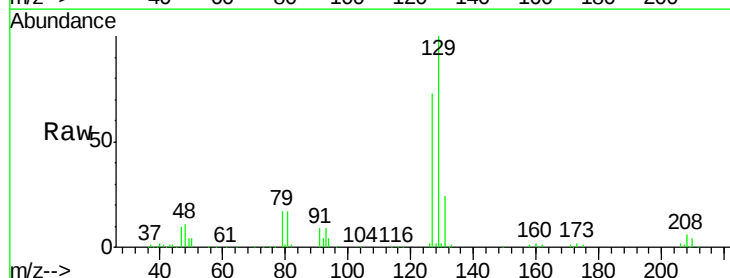
Manual Integrations
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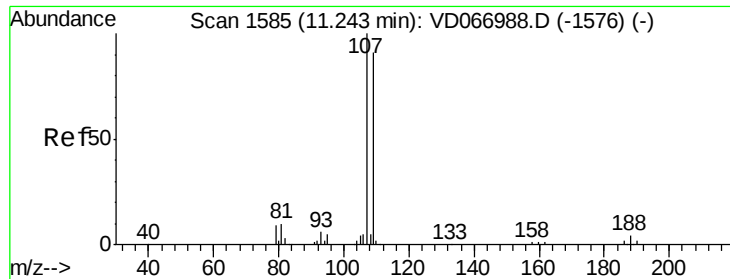
MMDadoda
10/5/2020 5:34:40 PM



#60
Dibromochloromethane
Concen: 48.099 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion:129 Resp: 240966
Ion Ratio Lower Upper
129 100
127 77.7 37.4 112.1





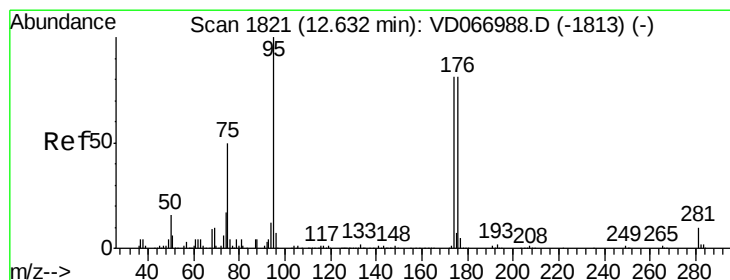
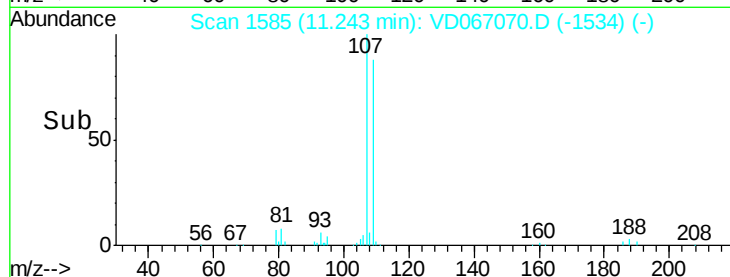
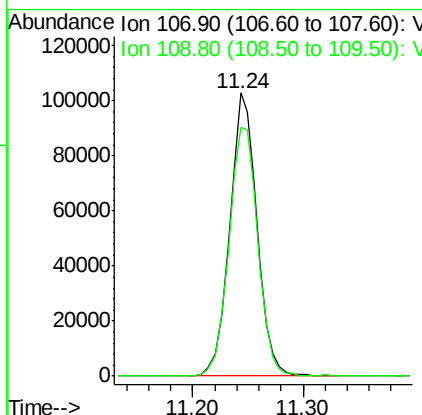
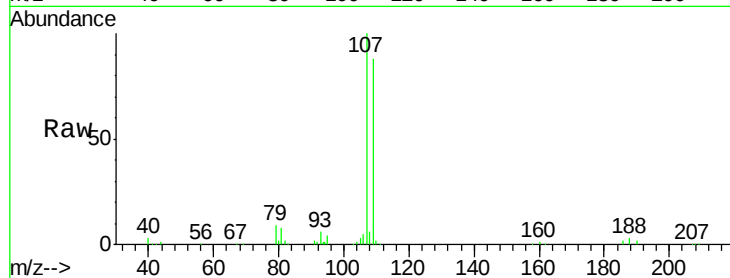
#61
 1,2-Dibromoethane
 Concen: 48.950 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	74.0	111.0

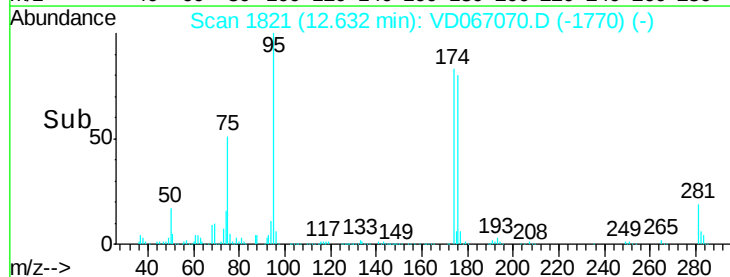
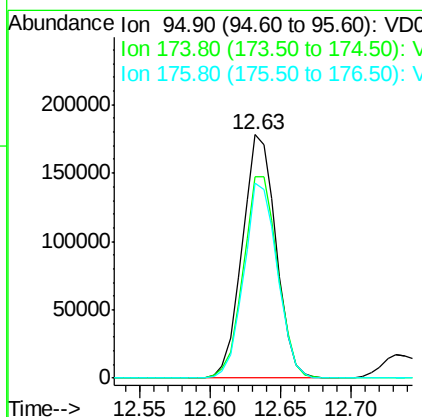
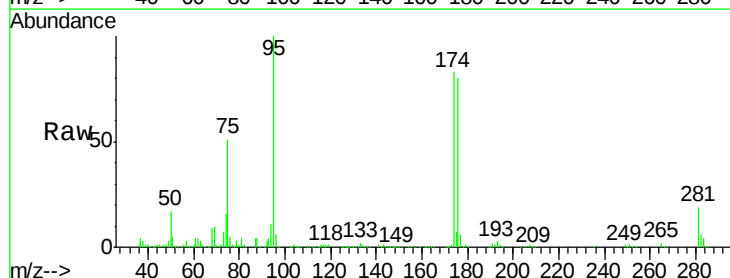
Manual Integrations
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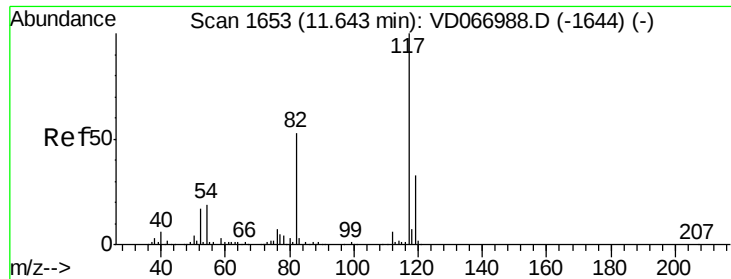
MMDadoda
 10/5/2020 5:34:40 PM



#62
 4-Bromofluorobenzene
 Concen: 47.600 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	167.6
176	79.6	0.0	162.4





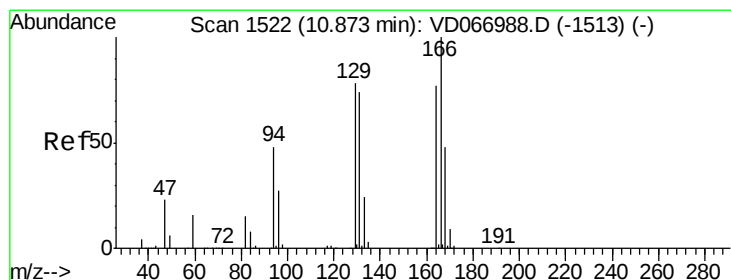
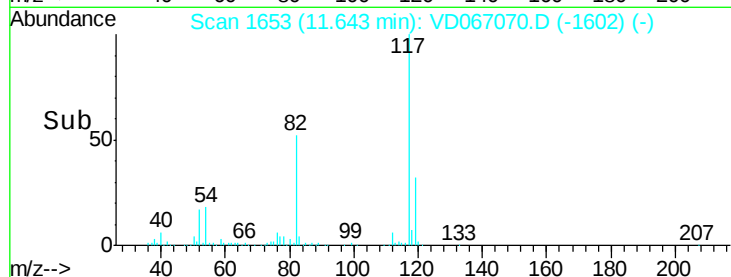
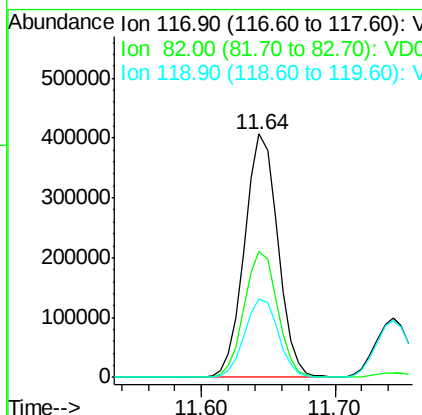
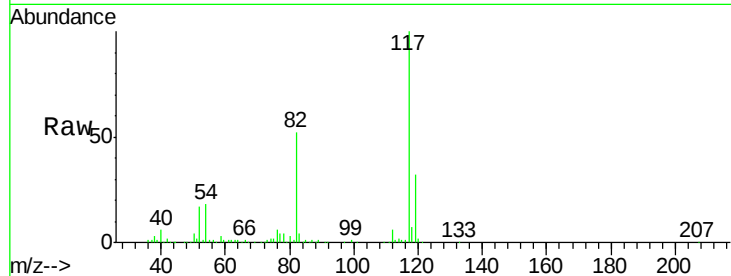
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.6	63.8
119	32.5	26.3	39.5

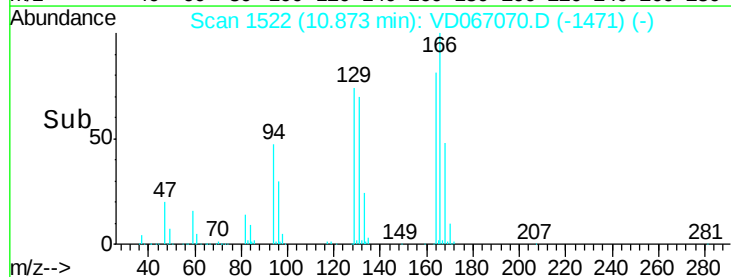
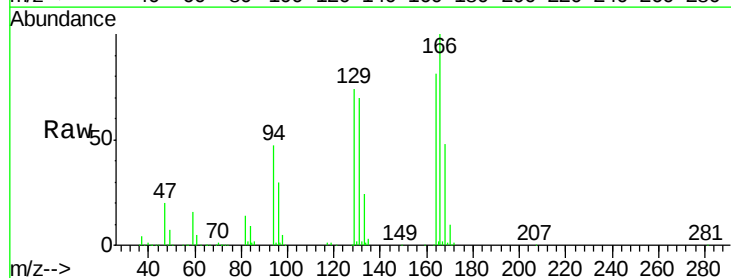
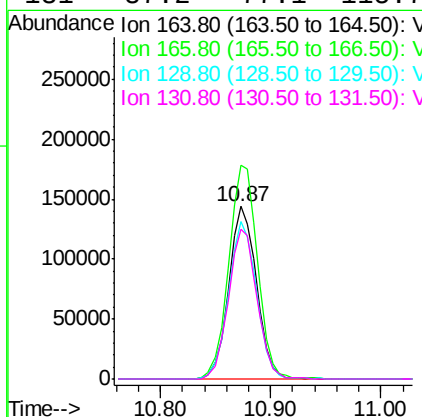
Manual Integrations
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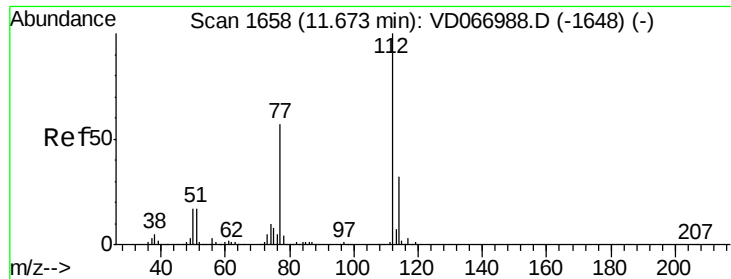
MMDadoda
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#64
Tetrachloroethene
Concen: 49.669 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.0	104.4	156.6
129	91.6	81.3	121.9
131	87.2	77.1	115.7





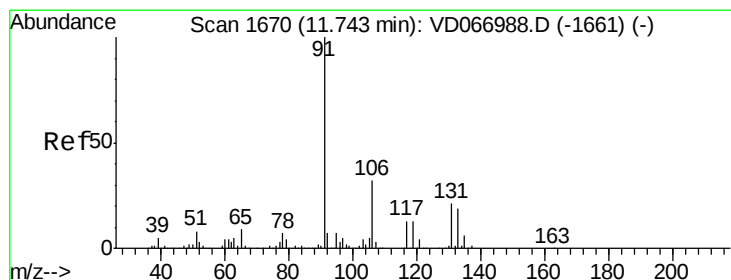
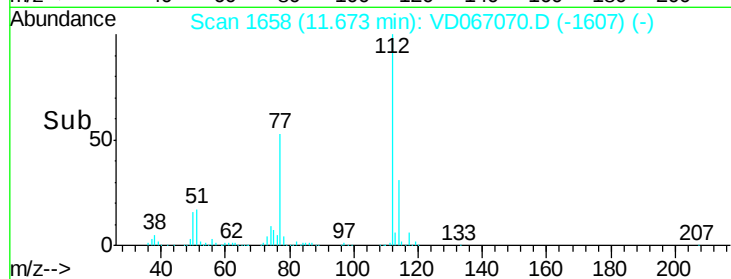
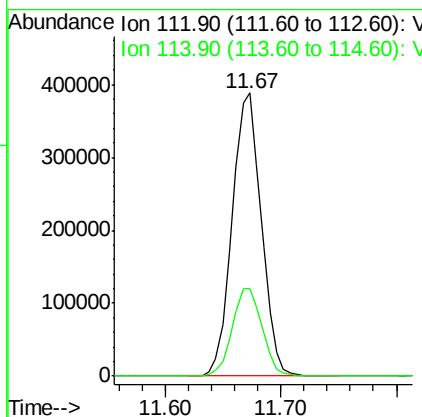
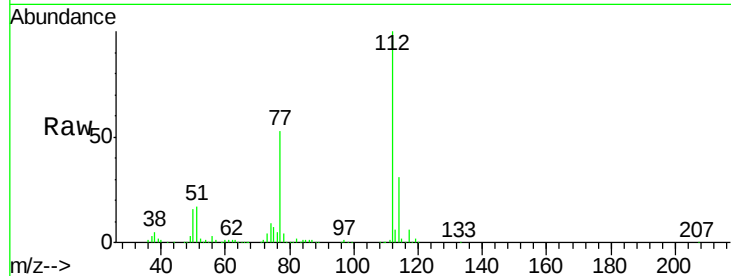
#65
Chlorobenzene
Concen: 48.729 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.4	38.0

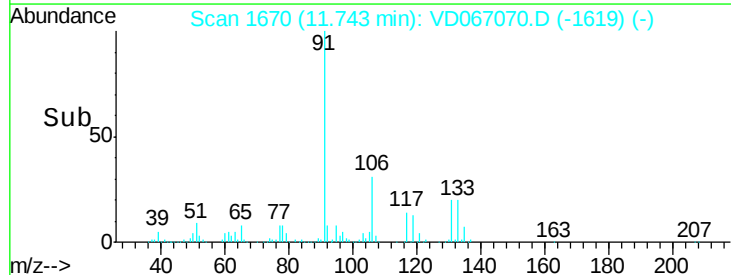
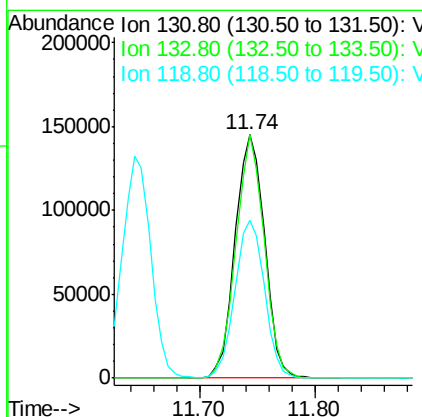
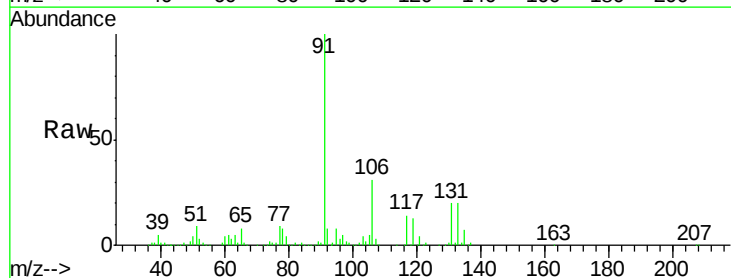
Manual Integrations
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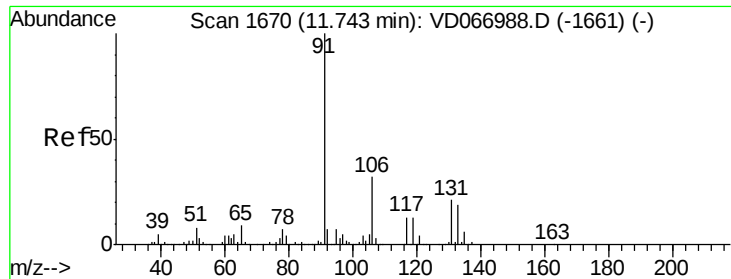
MMDadoda
10/5/2020 5:34:40 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.431 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.8	143.3
119	64.9	32.3	96.8





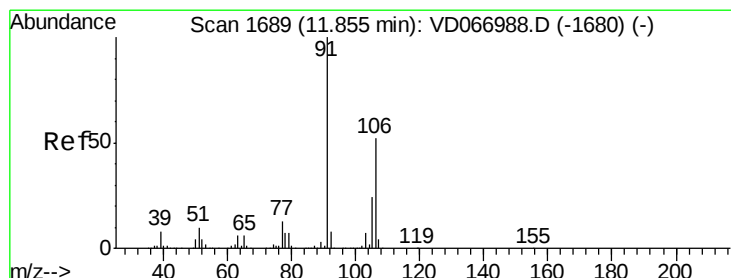
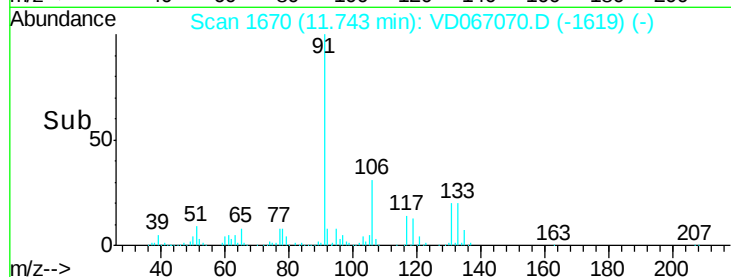
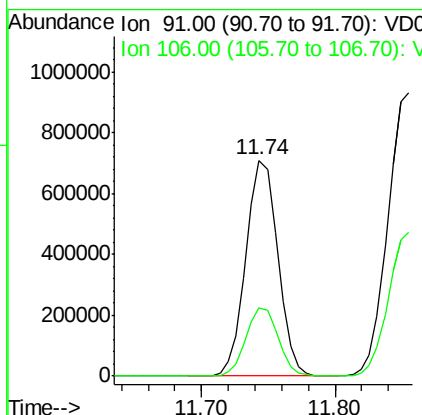
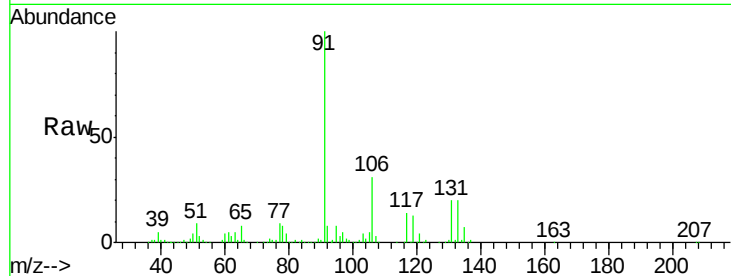
#67
Ethyl Benzene
Concen: 49.285 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1179206
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2

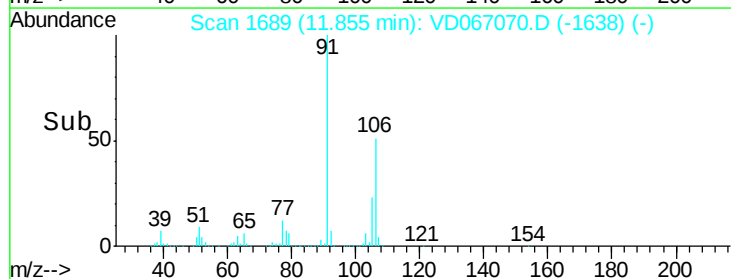
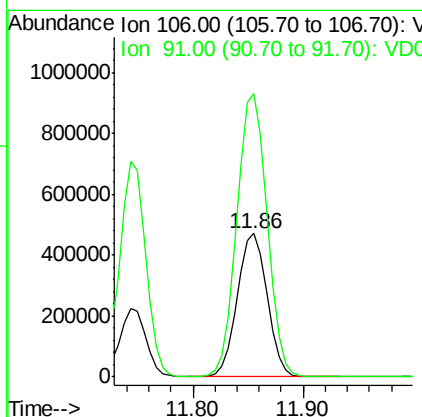
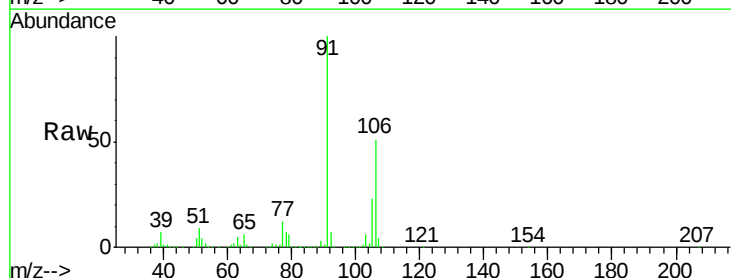
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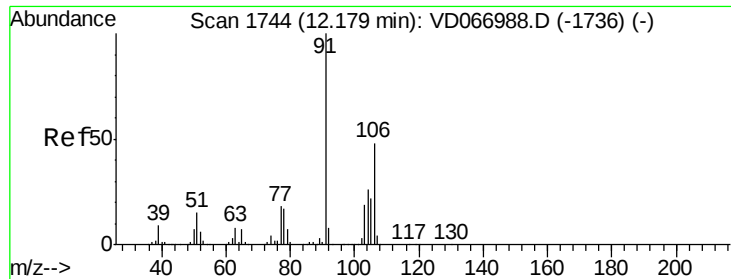
MMDadoda
10/5/2020 5:34:40 PM



#68
m/p-Xylenes
Concen: 96.667 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion: 106 Resp: 901354
Ion Ratio Lower Upper
106 100
91 199.8 158.4 237.6





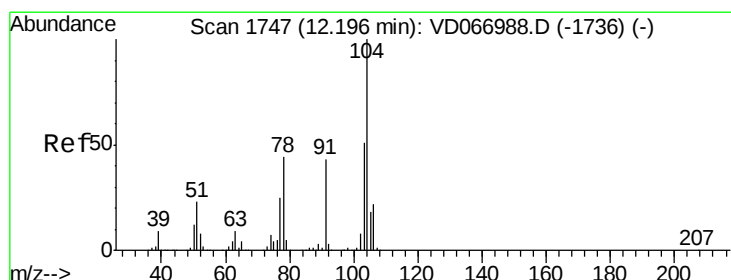
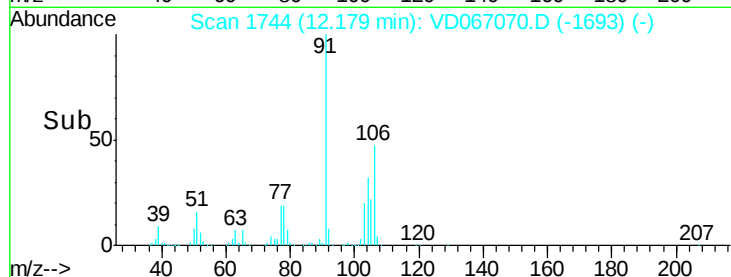
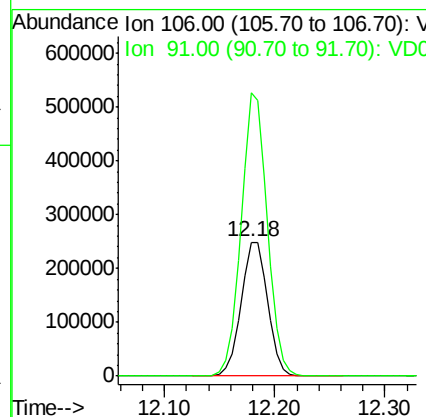
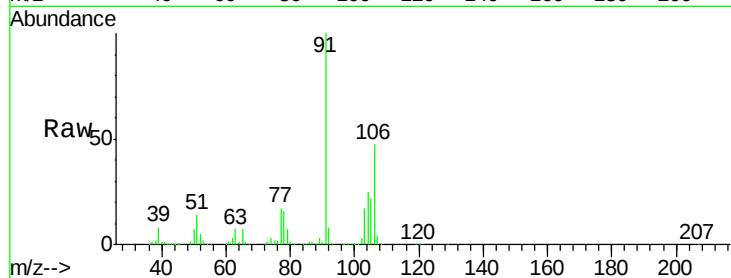
#69
o-Xylene
Concen: 50.701 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	207.1	102.4	307.2	

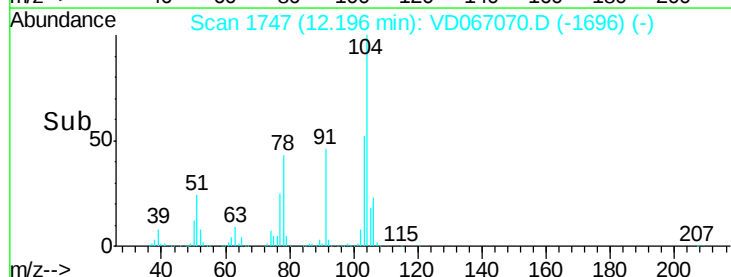
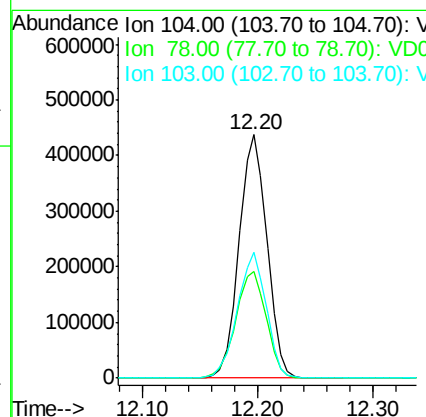
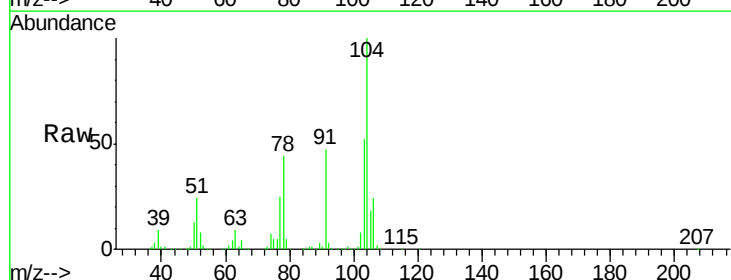
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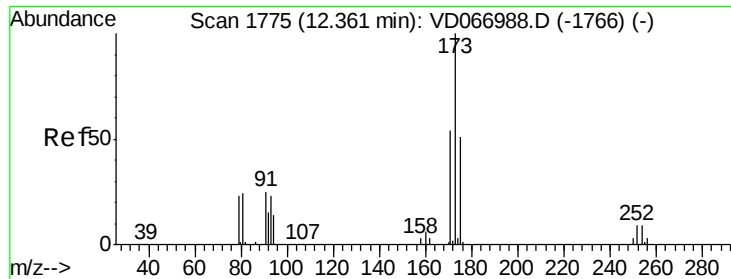
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#70
Styrene
Concen: 51.083 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.9	38.6	58.0	
103	53.8	43.4	65.0	





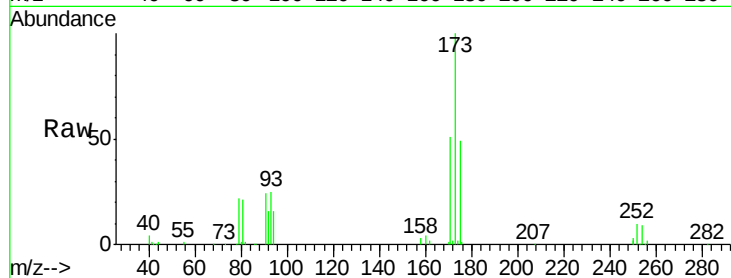
#71
Bromoform
Concen: 47.928 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

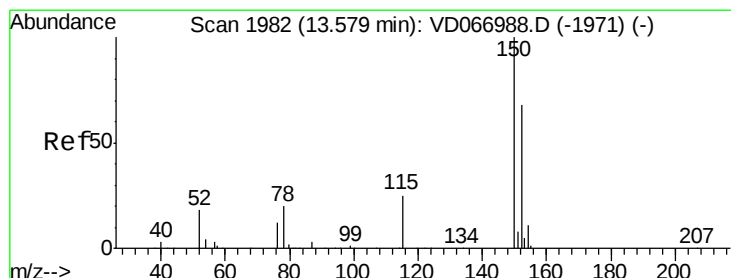
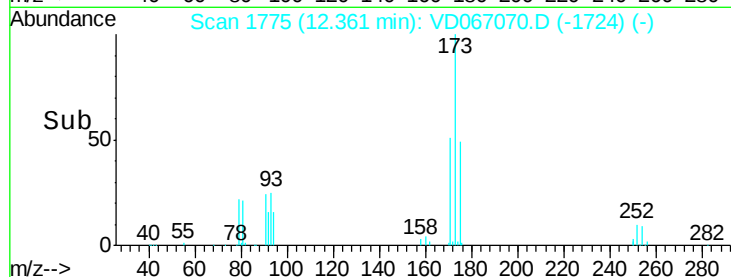
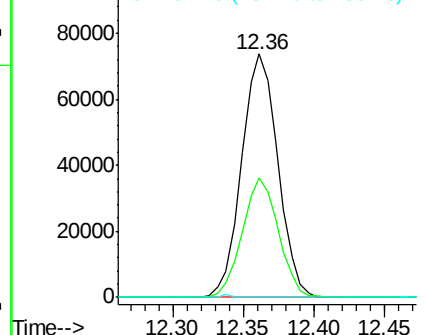
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.9	74.7
254	0.1	0.2	0.4

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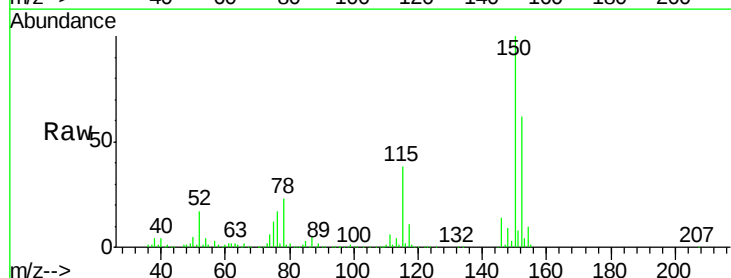


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

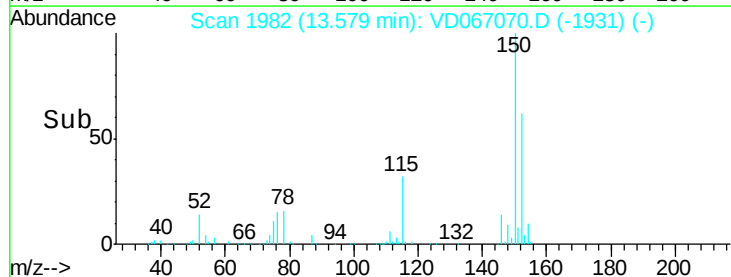
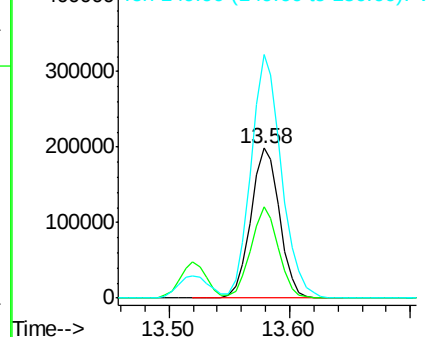


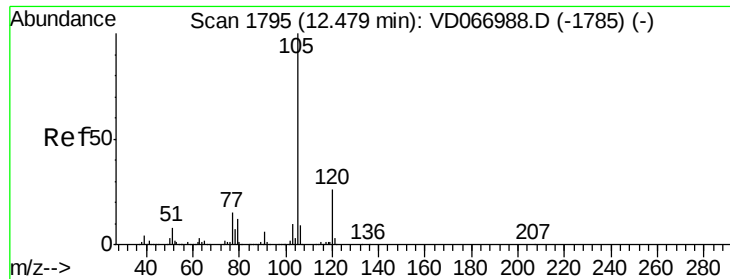
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.6	88.8
150	172.2	0.0	344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





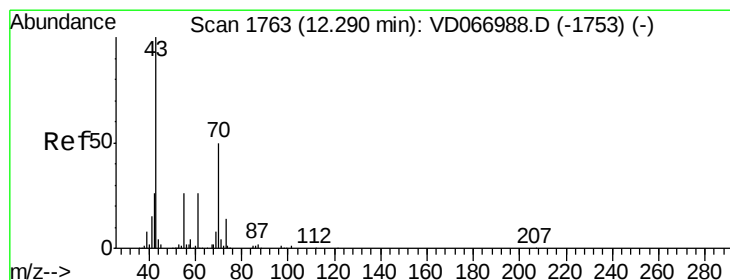
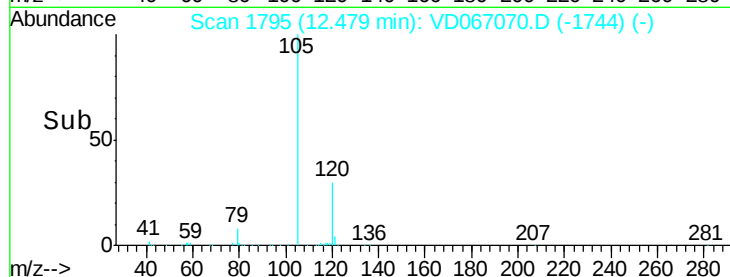
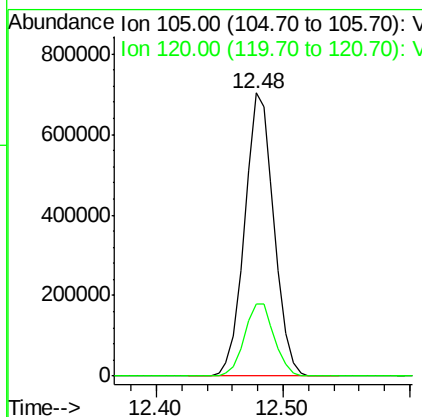
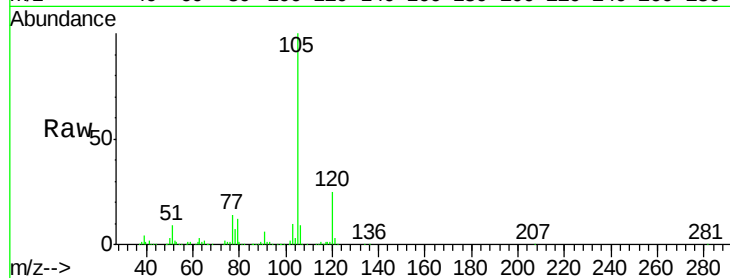
#73
Isopropylbenzene
Concen: 50.250 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1123083
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

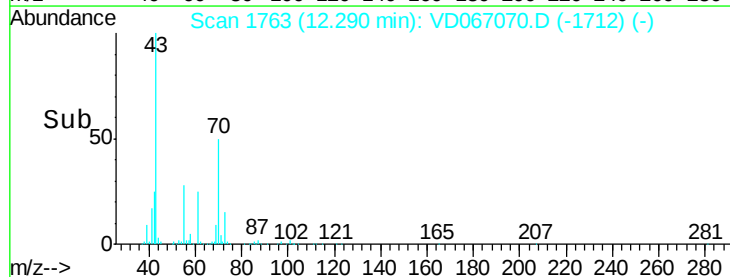
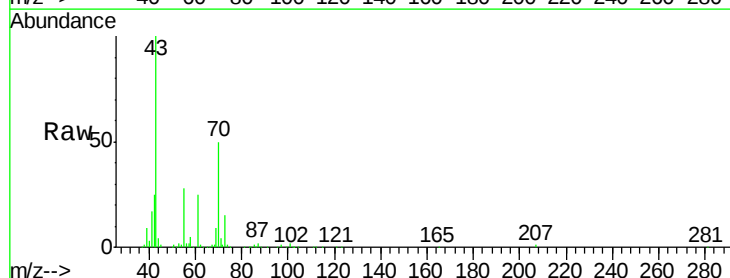
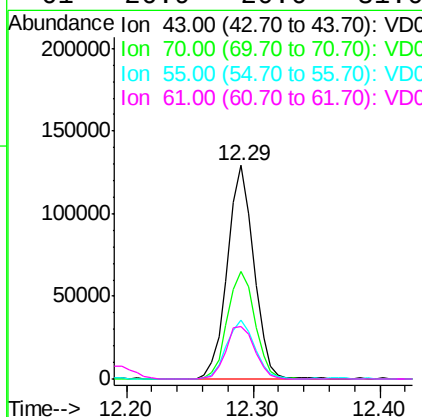
Manual Integrations
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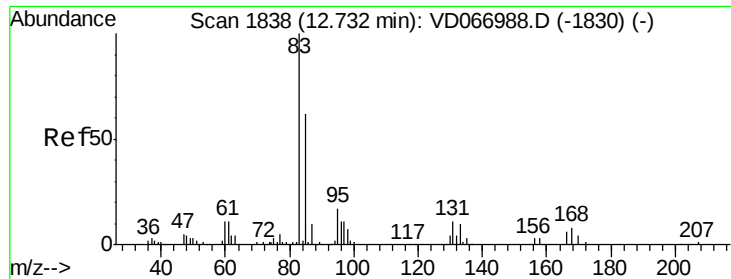
MMDadoda
10/5/2020 5:34:40 PM



#74
N-ethyl acetate
Concen: 46.498 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion: 43 Resp: 186818
Ion Ratio Lower Upper
43 100
70 52.7 38.2 57.2
55 29.3 22.4 33.6
61 26.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.182 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

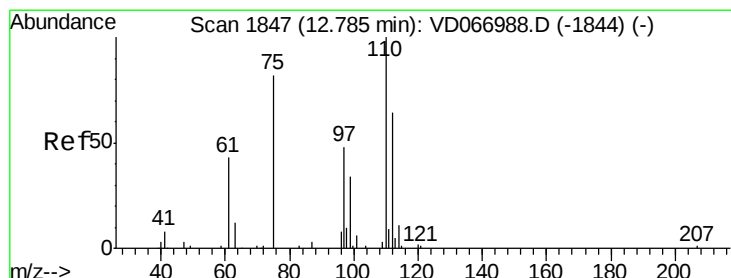
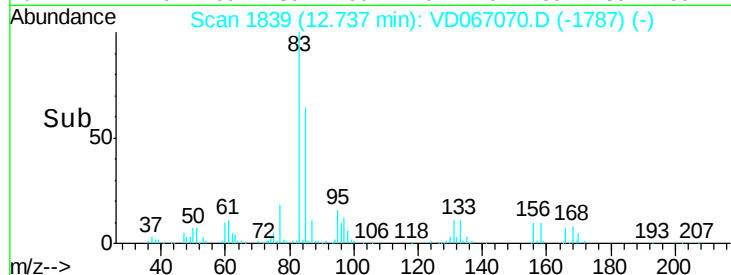
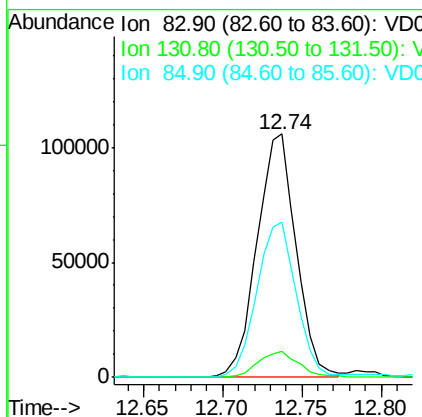
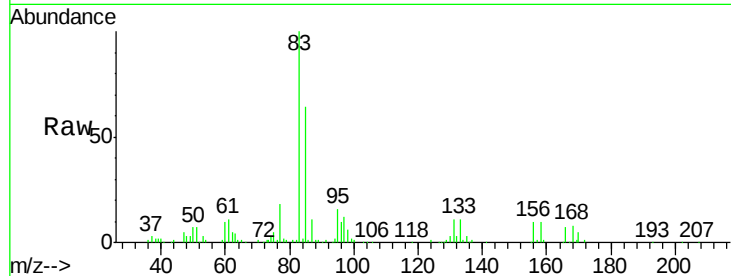
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	181436
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.0
85	64.3	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 50.127 ug/l m

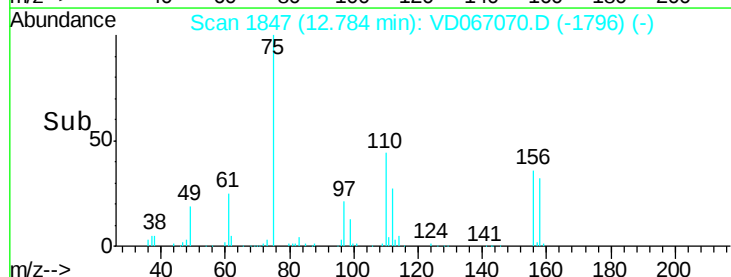
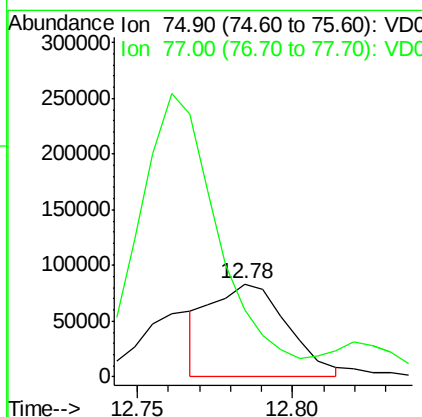
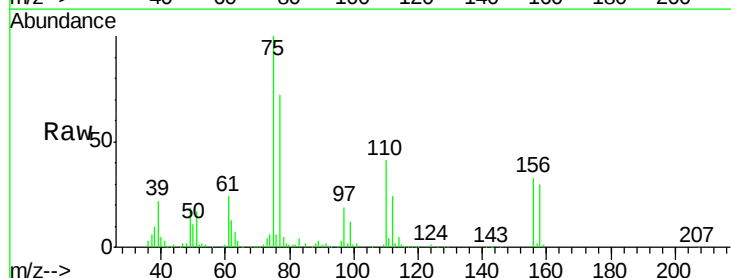
RT: 12.78 min Scan# 1847

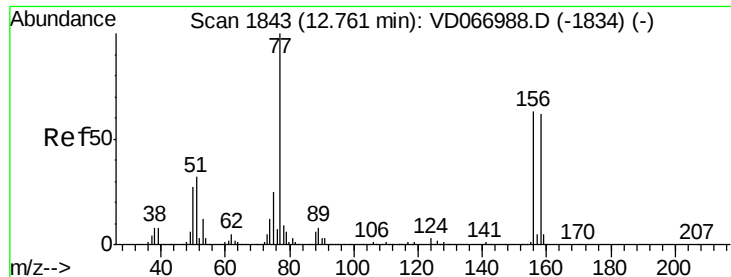
Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Tgt Ion:	75	Resp:	143715
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.768 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

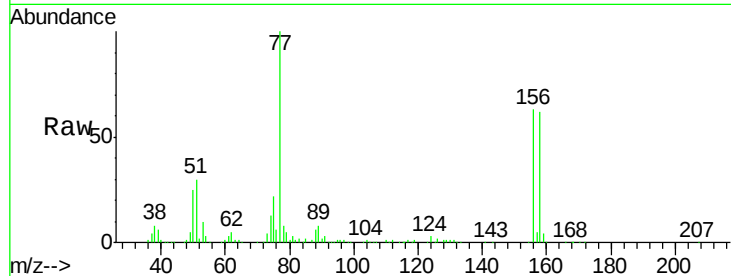
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	167.5	86.3	258.8
158	96.8	49.5	148.3

Manual Integrations
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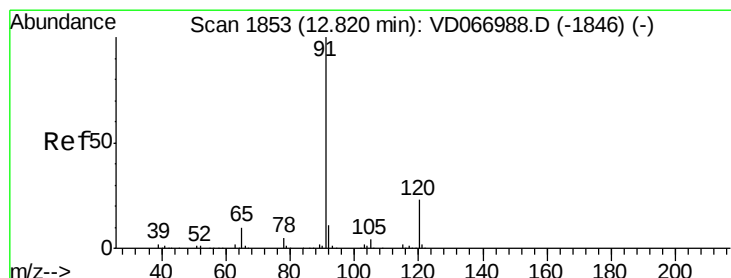
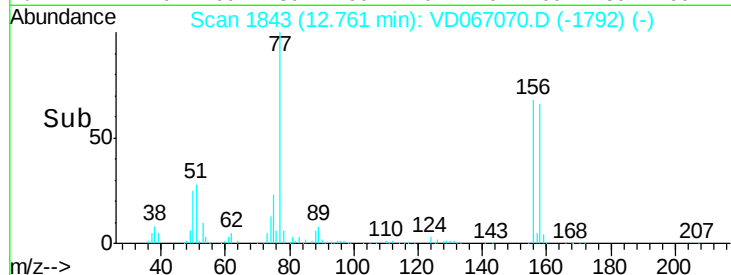
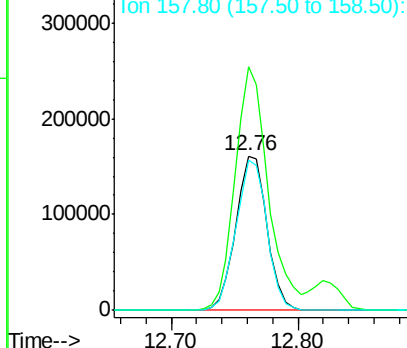
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.515 ug/l

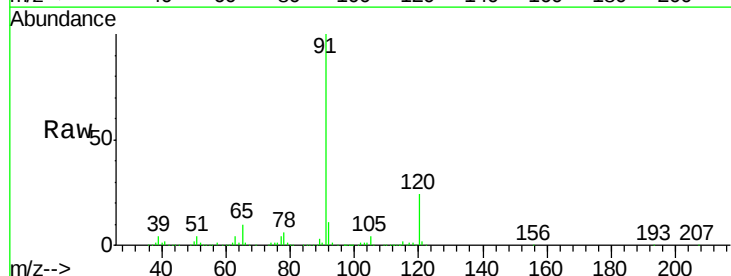
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD067070.D

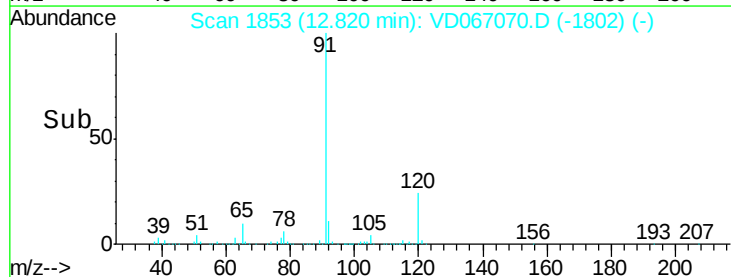
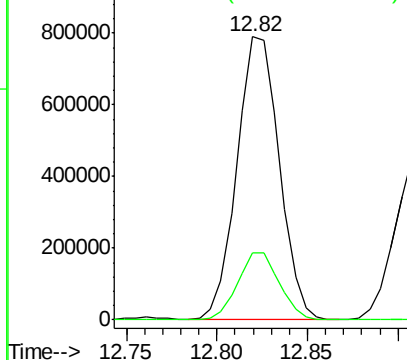
Acq: 03 Oct 2020 08:23

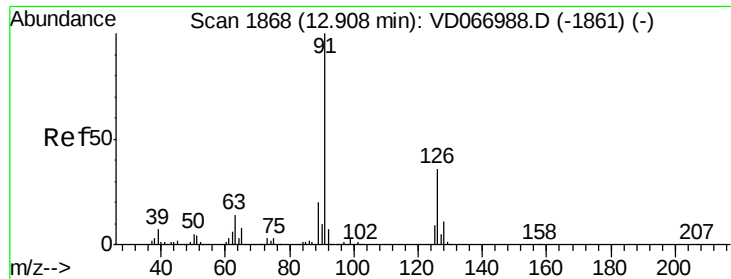
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.6	34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





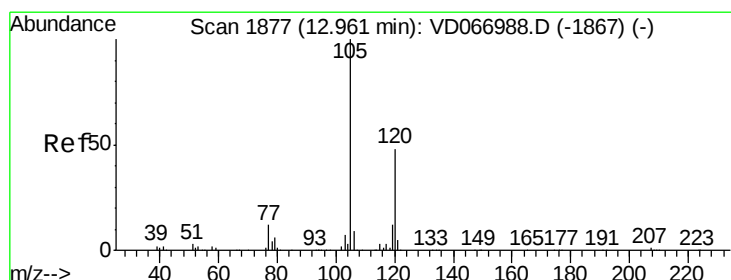
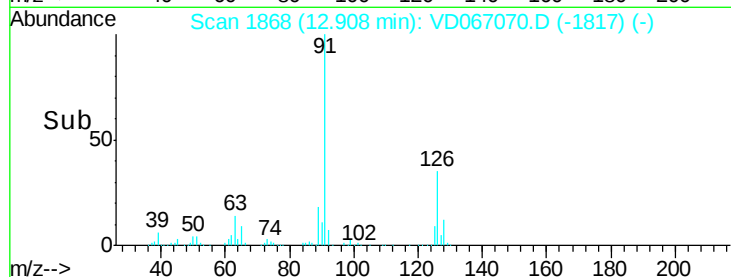
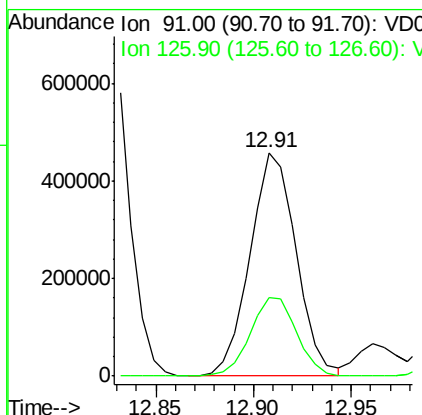
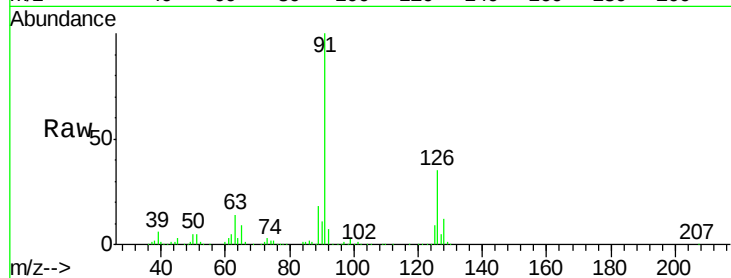
#79
2-Chlorotoluene
Concen: 49.632 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 750064
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.6

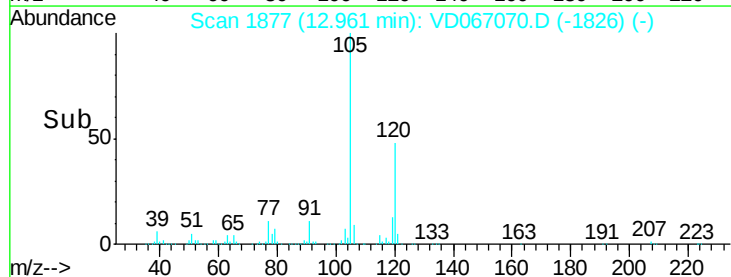
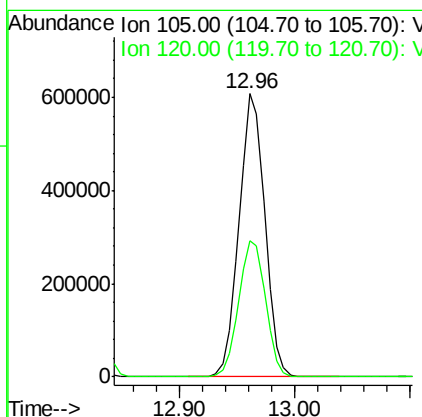
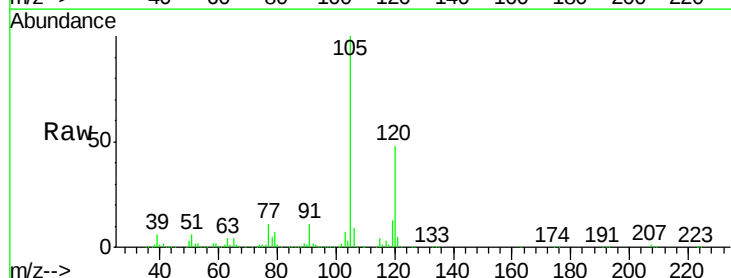
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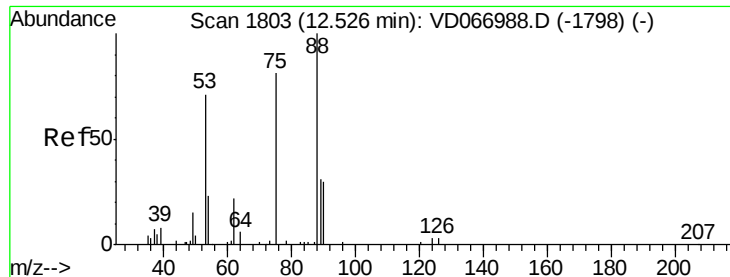
MMDadoda
10/5/2020 5:34:40 PM



#80
1,3,5-Trimethylbenzene
Concen: 49.841 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion: 105 Resp: 941159
Ion Ratio Lower Upper
105 100
120 50.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.860 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067070.D

Acq: 03 Oct 2020 08:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 51588

Ion Ratio Lower Upper

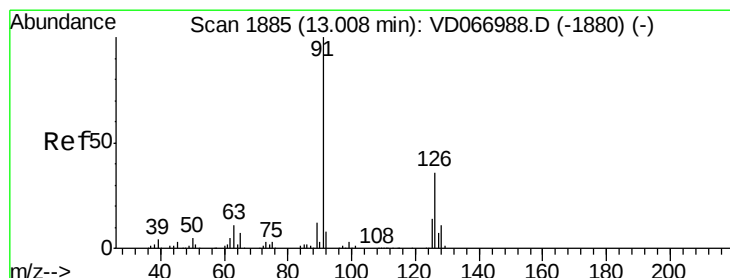
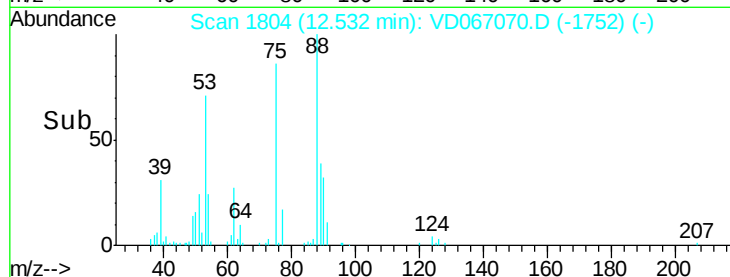
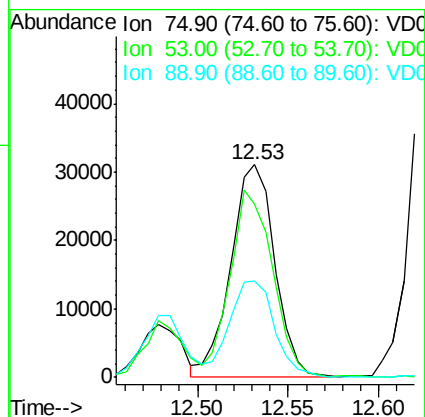
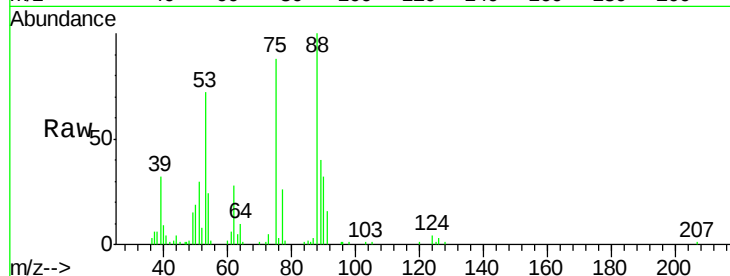
75 100

53 86.6 73.8 110.6

89 47.4 38.9 58.3

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#82

4-Chlorotoluene

Concen: 48.705 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067070.D

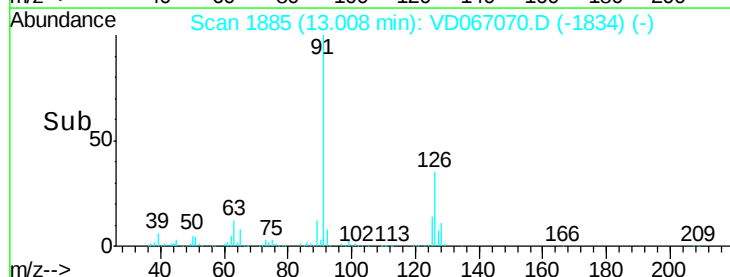
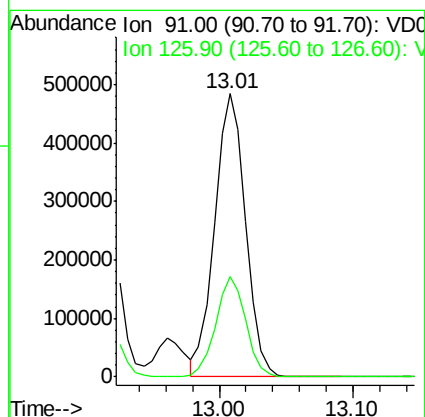
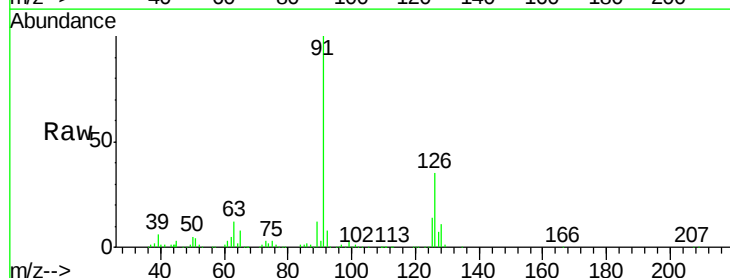
Acq: 03 Oct 2020 08:23

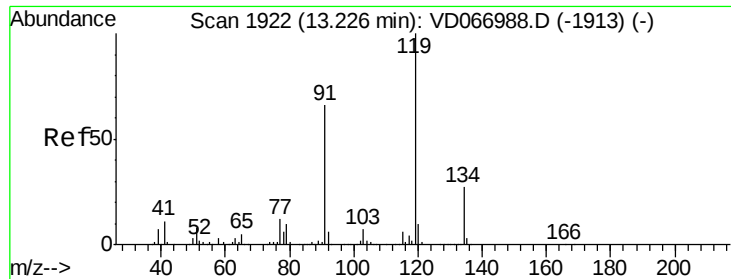
Tgt Ion: 91 Resp: 783128

Ion Ratio Lower Upper

91 100

126 34.4 17.5 52.5





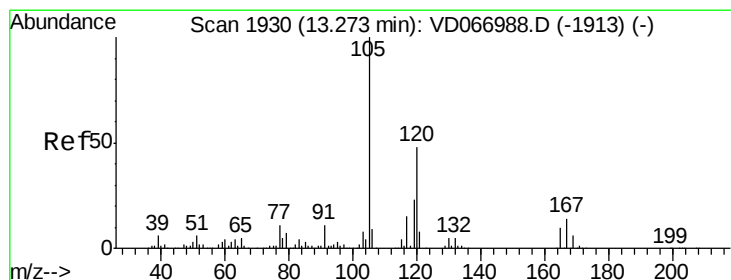
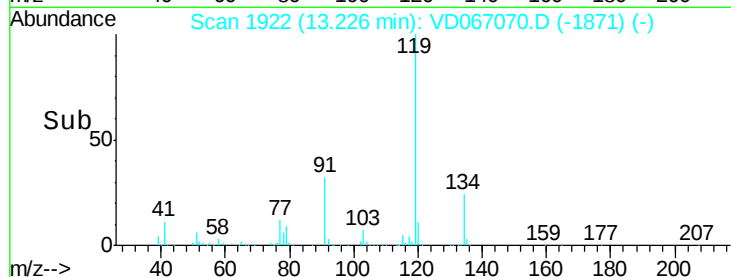
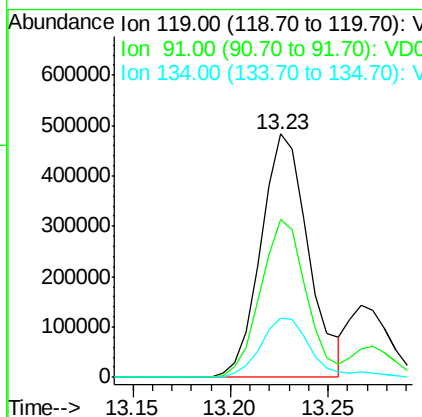
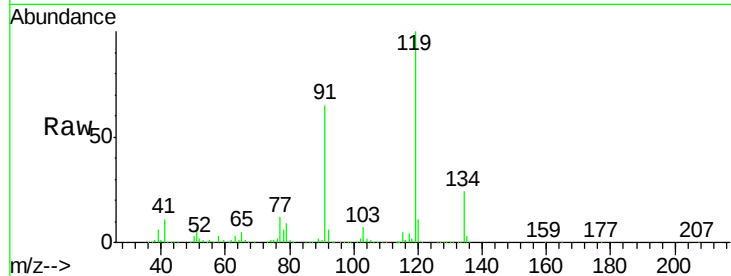
#83
 tert-Butylbenzene
 Concen: 51.254 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	815012		
91	62.4		32.8	98.3
134	26.3		13.9	41.7

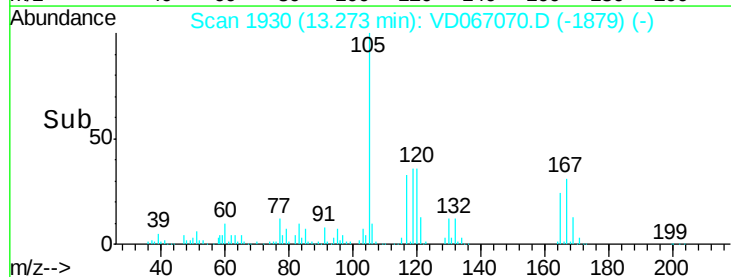
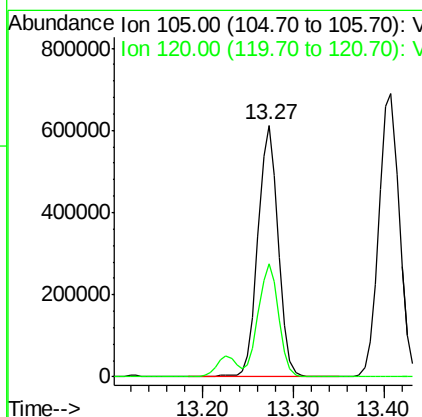
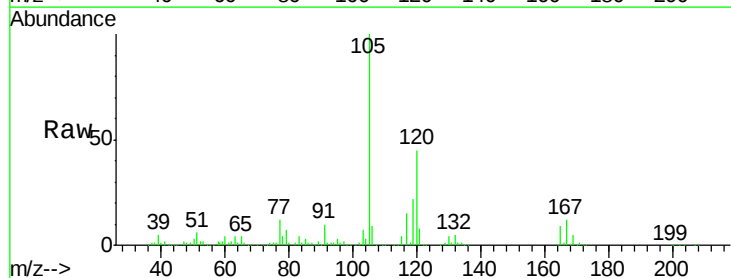
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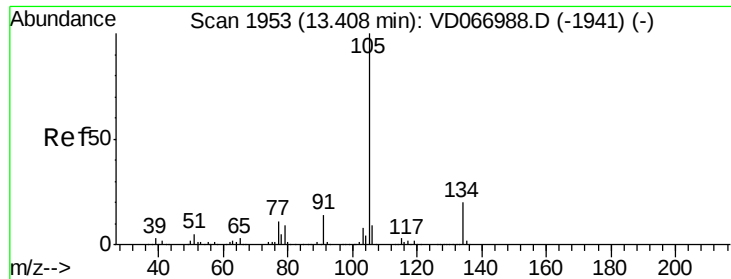
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.247 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	946885		
120	45.2		23.3	69.8





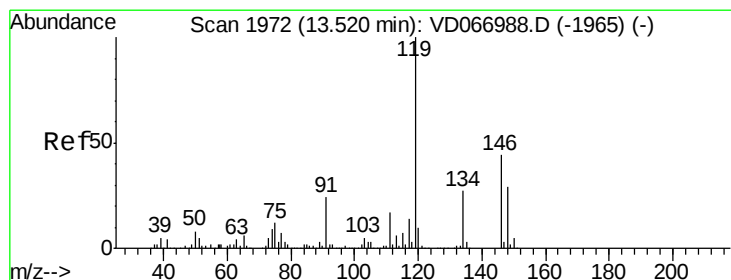
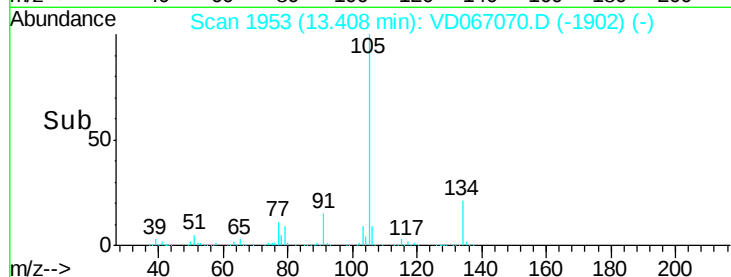
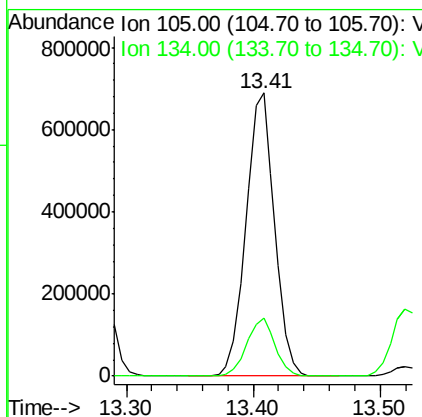
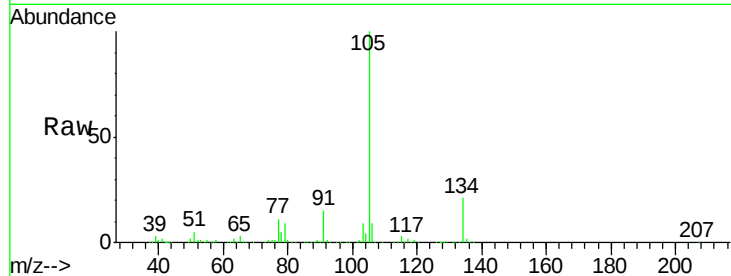
#85
 sec-Butylbenzene
 Concen: 47.994 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1074752
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8

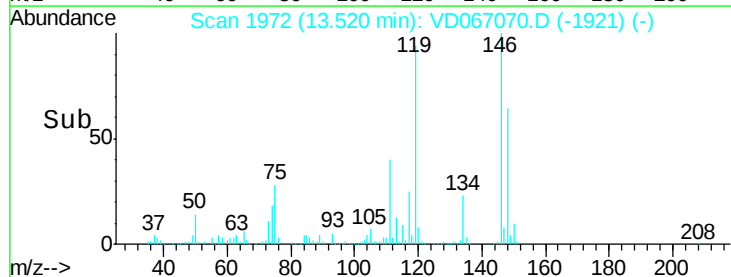
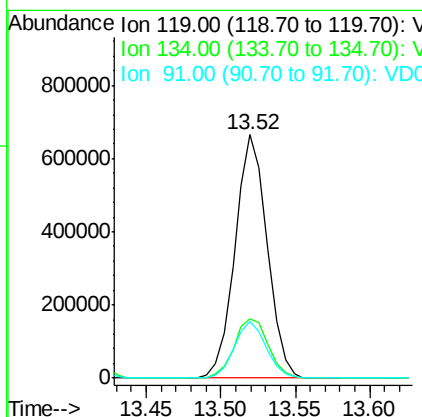
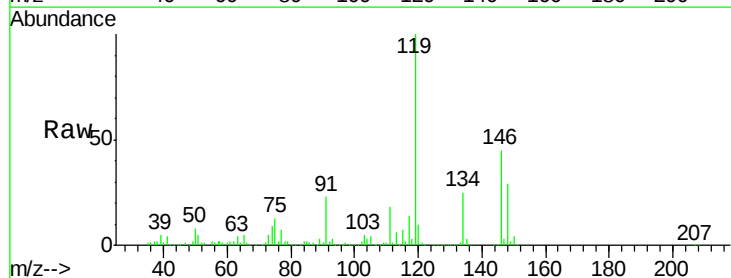
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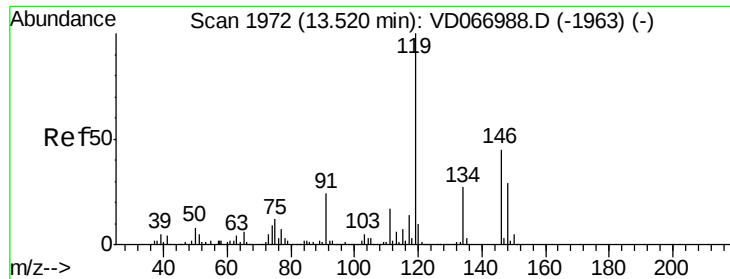
MMDadoda
 10/5/2020 5:34:40 PM



#86
 p-Isopropyltoluene
 Concen: 47.815 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion:119 Resp: 992696
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.0 11.7 35.1





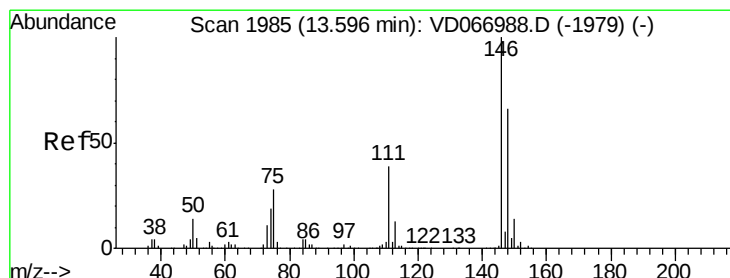
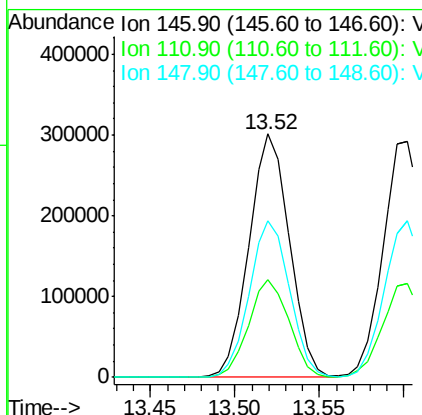
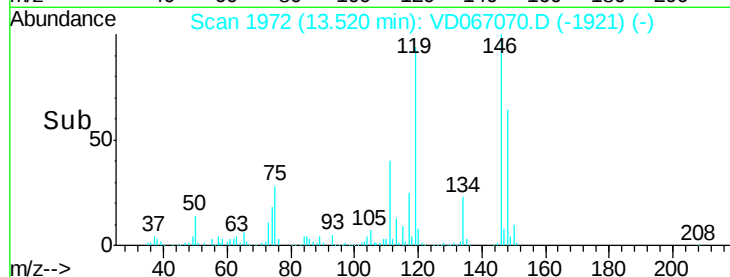
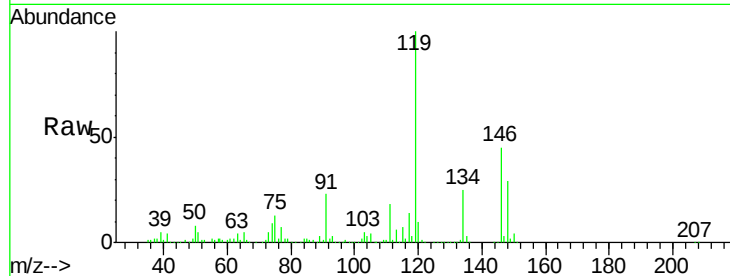
#87
 1,3-Dichlorobenzene
 Concen: 47.928 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.0	31.9	95.9

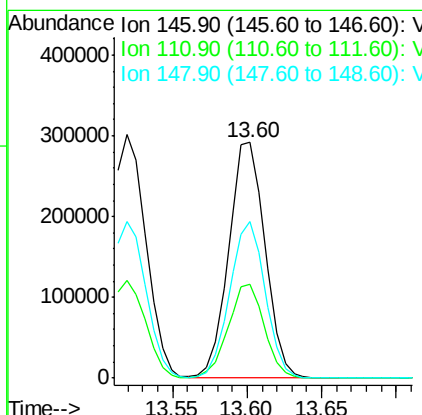
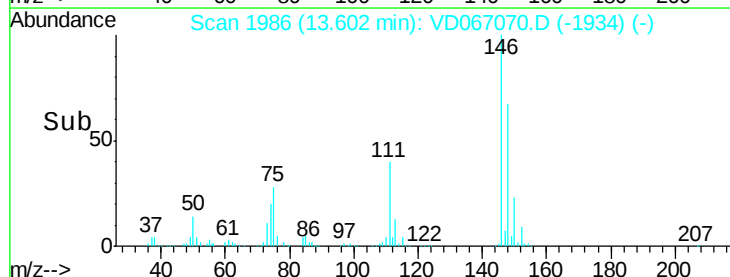
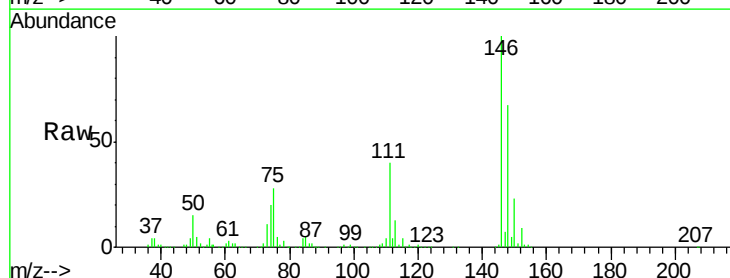
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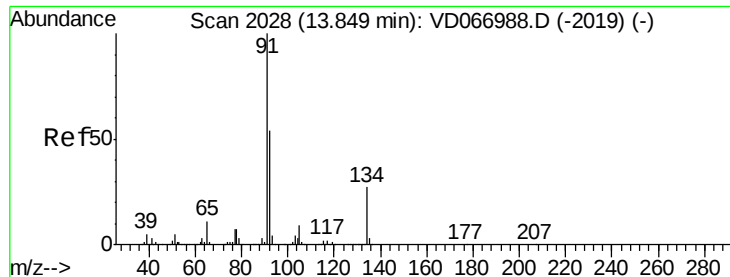
MMDadoda
 10/5/2020 5:34:40 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.264 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	64.7	32.6	97.7





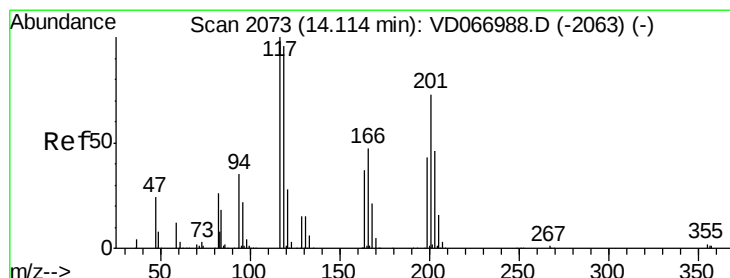
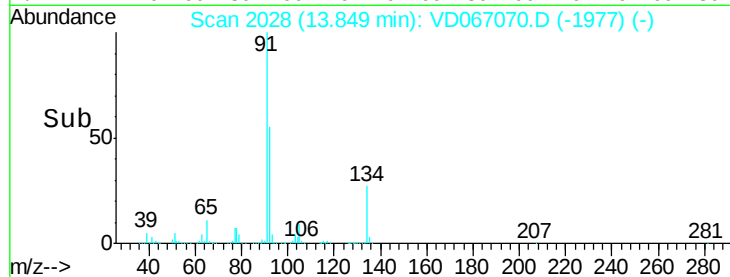
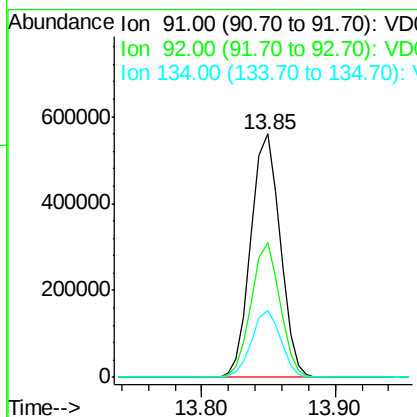
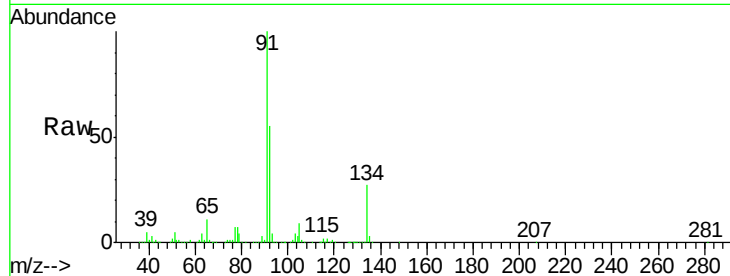
#89
n-Butylbenzene
Concen: 44.736 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.1	81.2
134	27.2	13.6	40.8

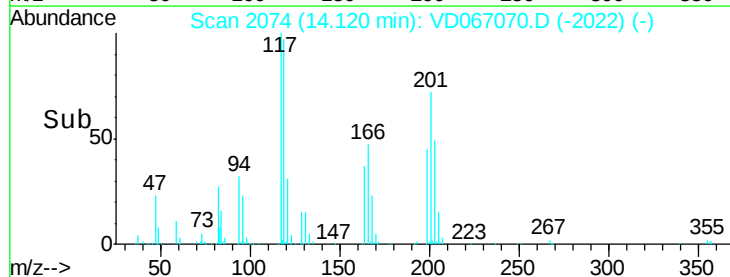
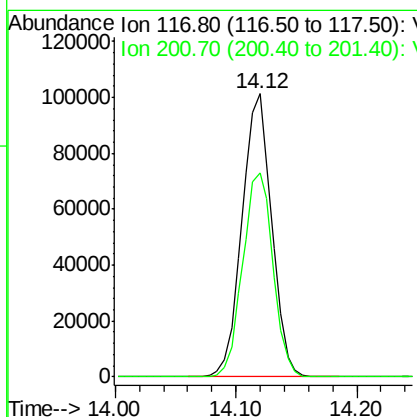
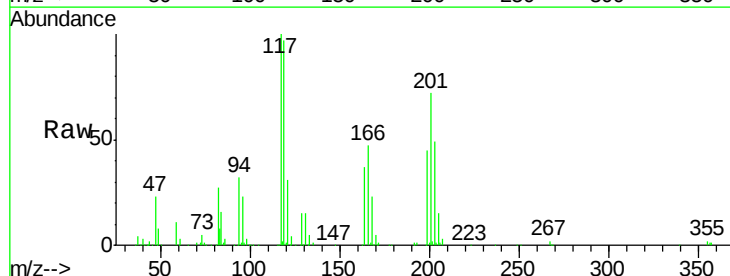
Manual Integrations
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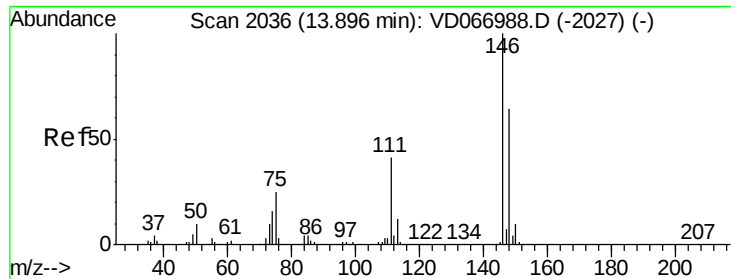
MMDadoda
10/5/2020 5:34:40 PM



#90
Hexachloroethane
Concen: 47.876 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.6	37.0	110.9





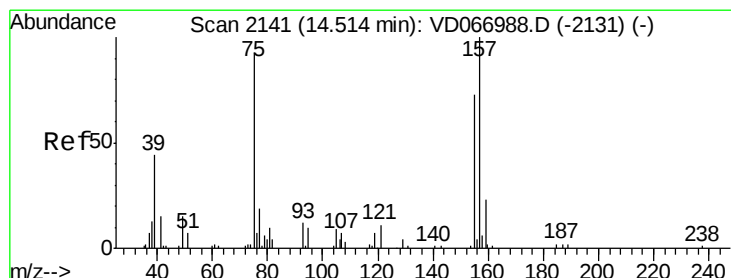
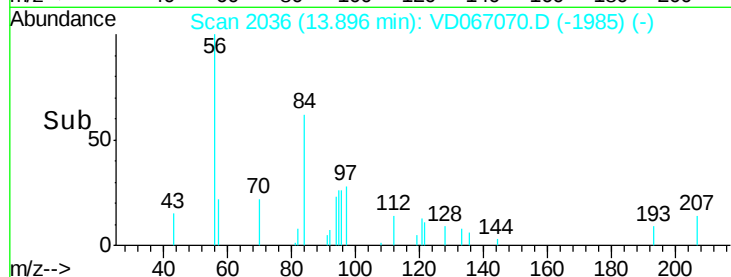
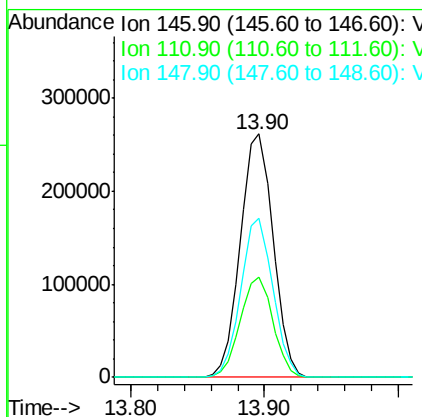
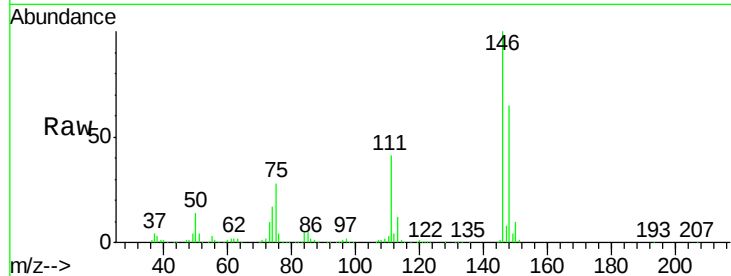
#91
 1,2-Dichlorobenzene
 Concen: 48.664 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.9	62.7
148	63.7	32.3	96.9

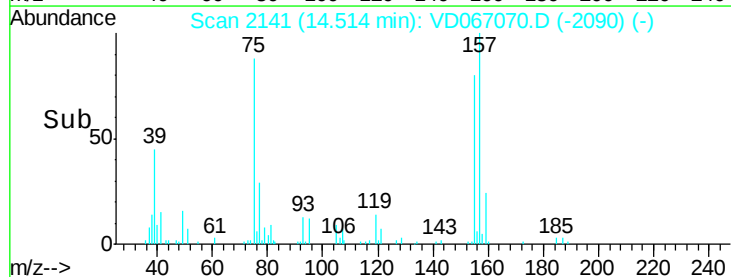
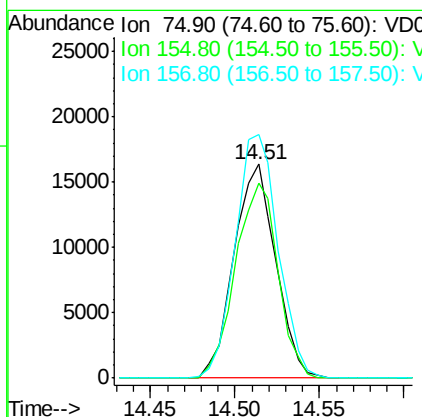
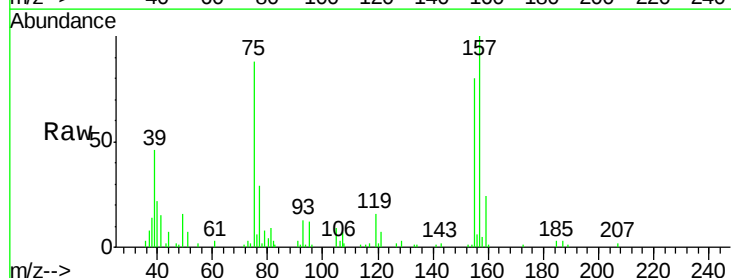
Manual Integrations
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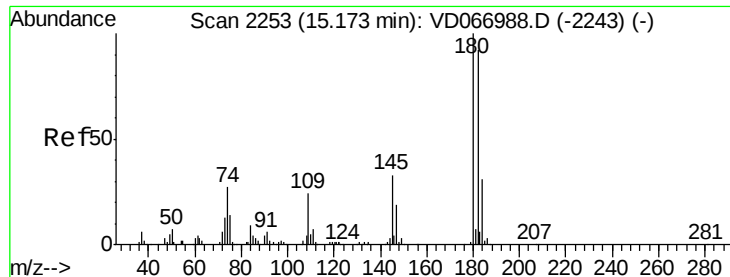
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.434 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	45.2	135.6
157	117.0	56.3	168.8





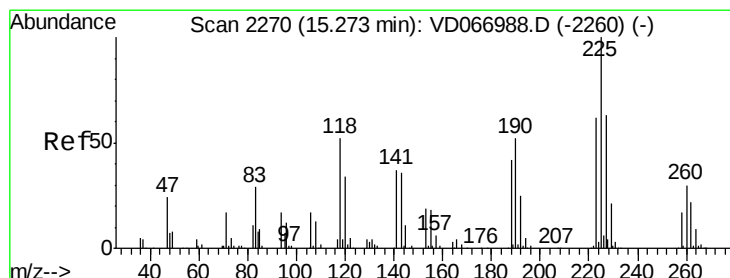
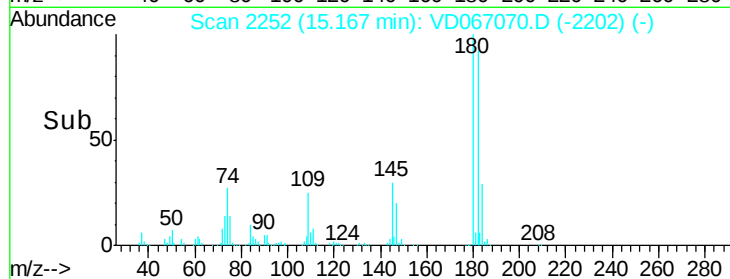
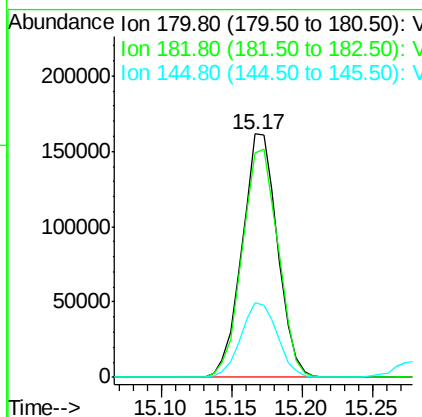
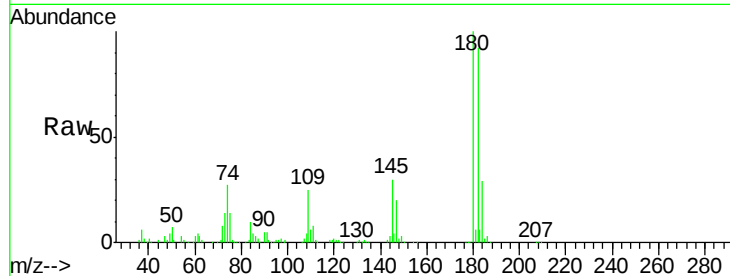
#93
 1,2,4-Trichlorobenzene
 Concen: 47.908 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	284486
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.3	142.0
145	31.4	16.4	49.1

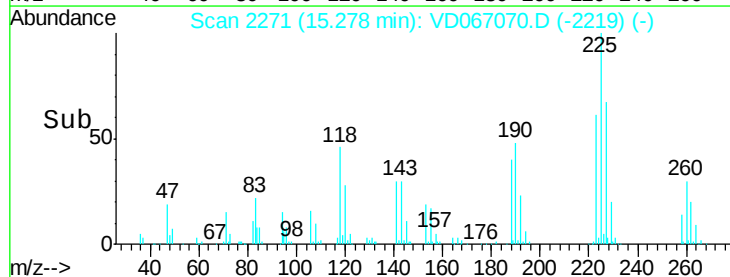
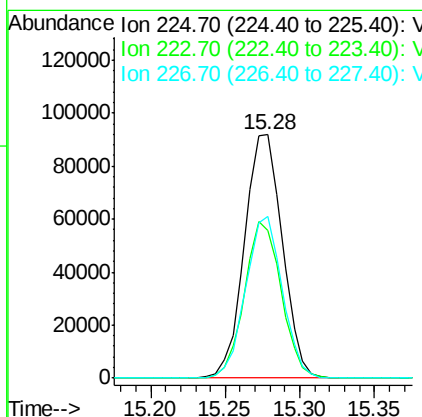
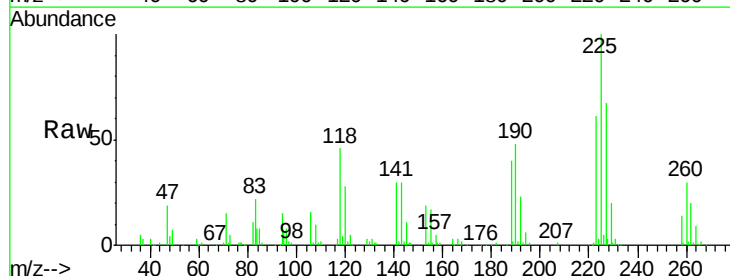
Manual Integrations
 APPROVED

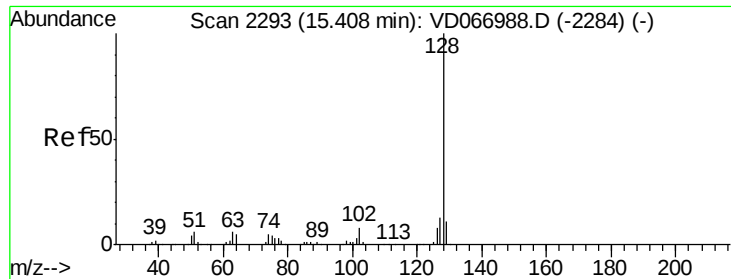
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#94
 Hexachlorobutadiene
 Concen: 44.261 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067070.D
 Acq: 03 Oct 2020 08:23

Tgt Ion:	225	Resp:	161414
Ion Ratio	Lower	Upper	
225	100		
223	62.3	32.4	97.0
227	64.2	31.6	95.0





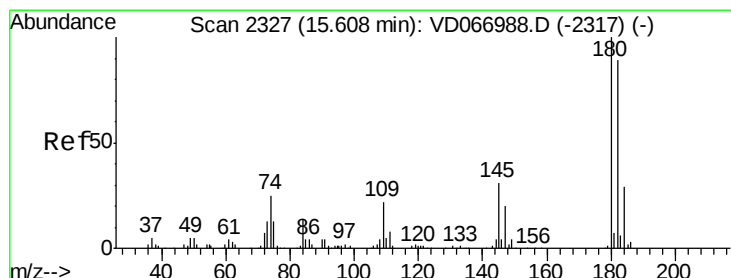
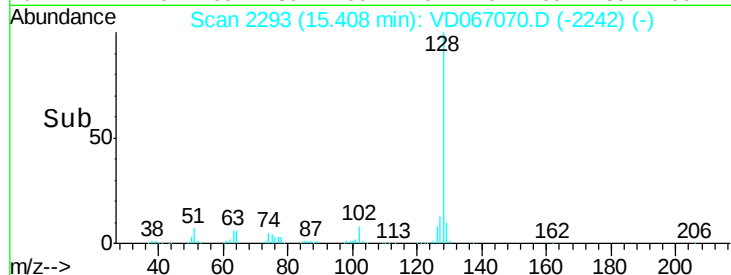
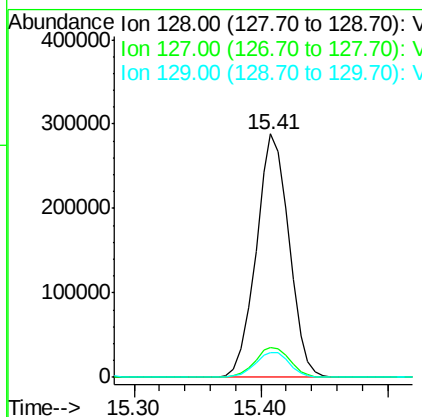
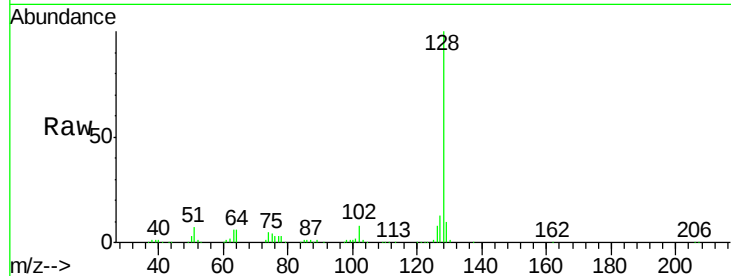
#95
Naphthalene
Concen: 52.463 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	519625		
127	13.0		10.3	15.5
129	10.7		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.801 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067070.D
Acq: 03 Oct 2020 08:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	256715		
182	95.0		46.4	139.1
145	33.7		16.6	49.7

