

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067027.D
 Acq On : 02 Oct 2020 11:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:34:23 PM

Quant Time: Oct 03 04:54:45 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	469450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	709071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	664042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	211757	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.91	113	229928	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	10.34	98	858868	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.63	95	294652	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	185957	49.117	ug/l	100
3) Chloromethane	2.20	50	160602	42.958	ug/l	100
4) Vinyl Chloride	2.35	62	161021	42.954	ug/l	97
5) Bromomethane	2.77	94	110957	45.533	ug/l	100
6) Chloroethane	2.92	64	97674	42.784	ug/l	98
7) Trichlorofluoromethane	3.27	101	378009	45.387	ug/l	99
8) Diethyl Ether	3.70	74	96607	46.776	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	212621	45.166	ug/l	100
10) Methyl Iodide	4.30	142	187248	40.937	ug/l	100
11) Tert butyl alcohol	5.21	59	59072	216.377	ug/l #	72
12) 1,1-Dichloroethene	4.06	96	195975	44.284	ug/l	95
13) Acrolein	3.92	56	70734	233.620	ug/l	92
14) Allyl chloride	4.71	41	260647	45.338	ug/l	97
15) Acrylonitrile	5.42	53	174094	229.031	ug/l	96
16) Acetone	4.15	43	171725	248.789	ug/l	99
17) Carbon Disulfide	4.40	76	618986	45.577	ug/l	98
18) Methyl Acetate	4.72	43	79087	45.588	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	380310	47.076	ug/l	97
20) Methylene Chloride	4.96	84	235024	47.639	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	232465	46.158	ug/l	99
22) Diisopropyl ether	6.36	45	505702	48.182	ug/l	98
23) Vinyl Acetate	6.30	43	1477644	248.450	ug/l	99
24) 1,1-Dichloroethane	6.27	63	370955	45.797	ug/l	99
25) 2-Butanone	7.21	43	220134	224.946	ug/l	97
26) 2,2-Dichloropropane	7.20	77	336176	48.405	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	249402	46.368	ug/l	99
28) Bromochloromethane	7.54	49	157099	50.222	ug/l	100
29) Tetrahydrofuran	7.56	42	133794	237.776	ug/l	100
30) Chloroform	7.71	83	414583	47.183	ug/l	96
31) Cyclohexane	7.98	56	298628	43.976	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	384783	47.252	ug/l	97
36) 1,1-Dichloropropene	8.11	75	315526	47.740	ug/l	98
37) Ethyl Acetate	7.28	43	104701	45.728	ug/l	98
38) Carbon Tetrachloride	8.09	117	349603	48.887	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	341172	48.825	ug/l	99
40) Benzene	8.34	78	880523	47.965	ug/l	99
41) Methacrylonitrile	7.53	41	56880	45.983	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	243251	47.420	ug/l	98
43) Isopropyl Acetate	8.45	43	203178	48.169	ug/l	99
44) Trichloroethene	9.11	130	262825	47.945	ug/l	99
45) 1,2-Dichloropropane	9.38	63	215732	50.015	ug/l	99
46) Dibromomethane	9.47	93	118349	47.738	ug/l	95
47) Bromodichloromethane	9.66	83	315127	48.900	ug/l	99
48) Methyl methacrylate	9.45	41	108157	50.051	ug/l	96
49) 1,4-Dioxane	9.46	88	26278	1015.611	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	519101	247.074	ug/l	99
52) Toluene	10.40	92	597752	50.547	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	279026	48.446	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	341890	48.612	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	164346	47.682	ug/l	95
56) Ethyl methacrylate	10.66	69	182793	51.368	ug/l	97
57) 1,3-Dichloropropane	10.94	76	273576	48.947	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	524022	264.575	ug/l	99
59) 2-Hexanone	10.98	43	355437	253.469	ug/l	98
60) Dibromochloromethane	11.14	129	225032	48.985	ug/l	97
61) 1,2-Dibromoethane	11.24	107	163064	49.244	ug/l	98
64) Tetrachloroethene	10.87	164	226846	46.989	ug/l	92
65) Chlorobenzene	11.67	112	625832	47.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	235236	46.825	ug/l	98
67) Ethyl Benzene	11.74	91	1111099	49.101	ug/l	99
68) m/p-Xylenes	11.85	106	858412	97.339	ug/l	99
69) o-Xylene	12.18	106	386632	49.026	ug/l	95
70) Styrene	12.20	104	677541	50.033	ug/l	100
71) Bromoform	12.36	173	124842	47.874	ug/l #	99
73) Isopropylbenzene	12.48	105	1086383	50.118	ug/l	100
74) N-amyl acetate	12.29	43	190337	48.845	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	171981	47.090	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	113506m	40.820	ug/l	
77) Bromobenzene	12.76	156	257177	49.135	ug/l	97
78) n-propylbenzene	12.82	91	1271062	49.616	ug/l	99
79) 2-Chlorotoluene	12.91	91	709958	48.437	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	928190	50.681	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52530	47.098	ug/l	98
82) 4-Chlorotoluene	13.01	91	747817	47.954	ug/l	99
83) tert-Butylbenzene	13.23	119	761773	49.394	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	912106	49.905	ug/l	99
85) sec-Butylbenzene	13.40	105	1080377	49.744	ug/l	100
86) p-Isopropyltoluene	13.52	119	999314	49.630	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	479503	47.033	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	481215	47.206	ug/l	100
89) n-Butylbenzene	13.85	91	902851	49.062	ug/l	100
90) Hexachloroethane	14.12	117	169782	48.137	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	422110	47.408	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27461	46.645	ug/l	96

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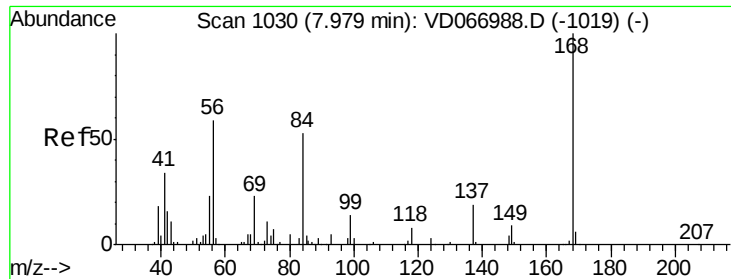
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	287604	49.938	ug/l	98
94) Hexachlorobutadiene	15.28	225	171751	48.559	ug/l	99
95) Naphthalene	15.41	128	480065	49.974	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	250808	50.166	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 469450

Ion Ratio Lower Upper

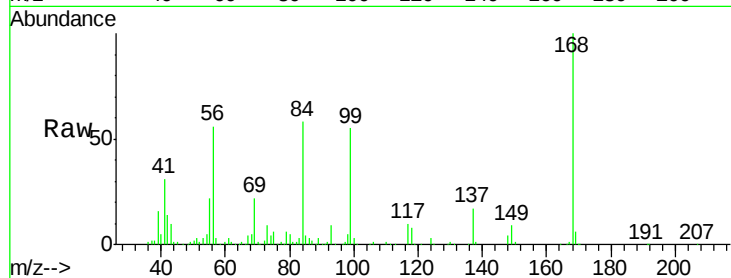
168 100

99 54.7 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

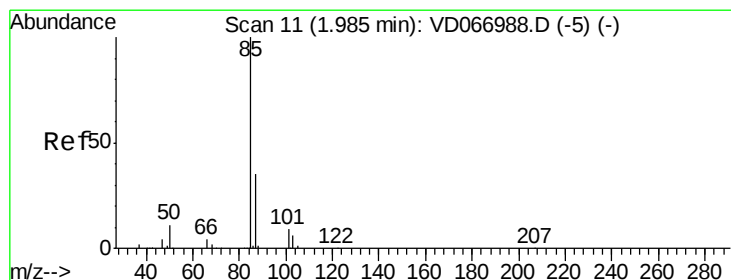
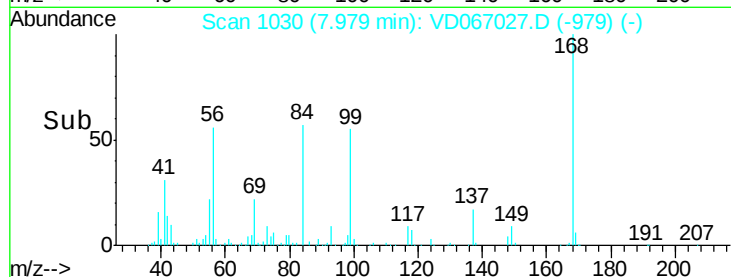
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.117 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067027.D

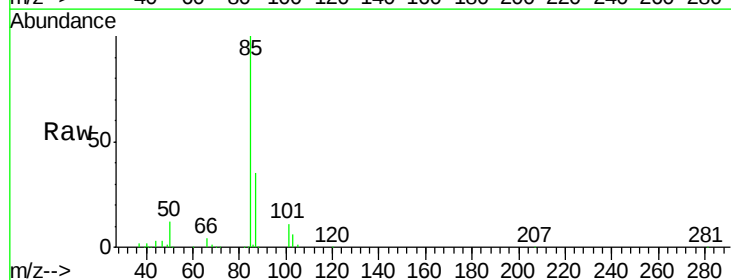
Acq: 02 Oct 2020 11:18

Tgt Ion: 85 Resp: 185957

Ion Ratio Lower Upper

85 100

87 34.6 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

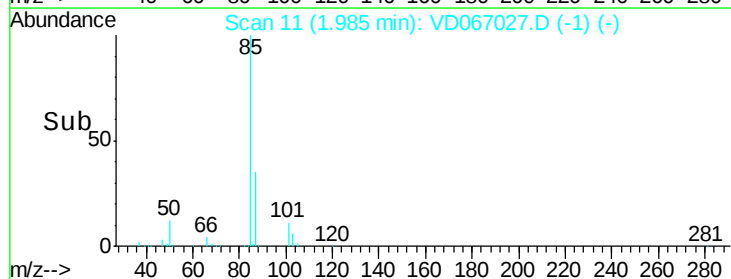
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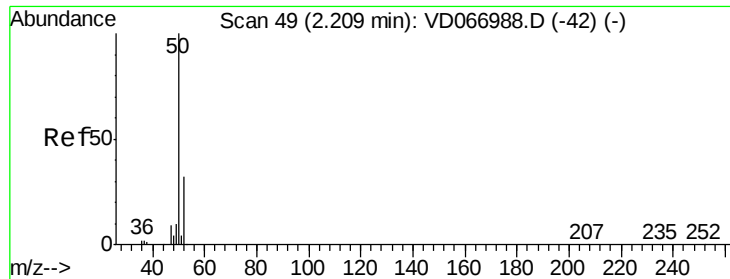
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 42.958 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 160602

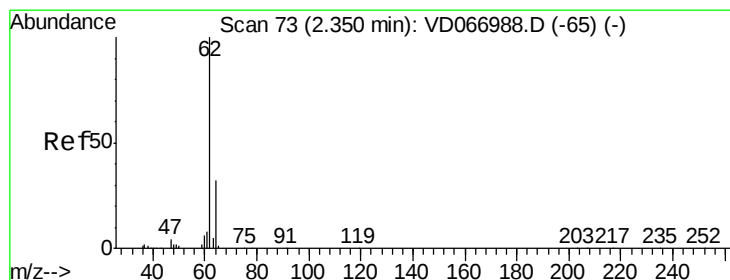
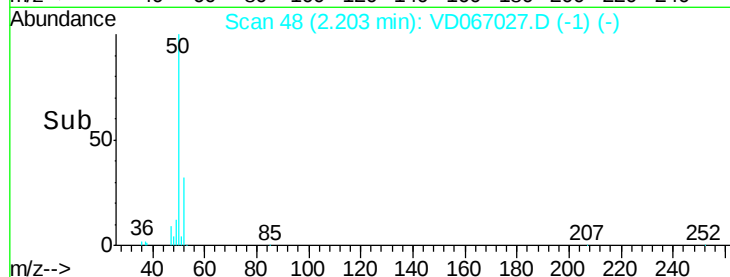
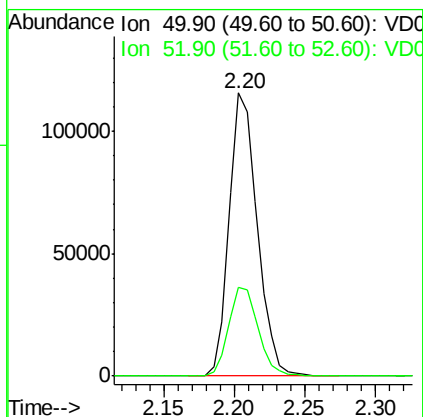
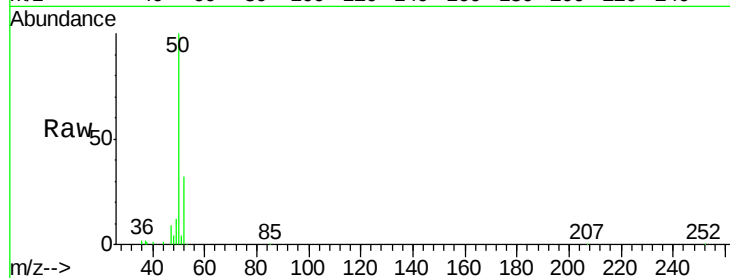
Ion Ratio Lower Upper

50 100

52 31.6 25.3 37.9

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#4

Vinyl Chloride

Concen: 42.954 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067027.D

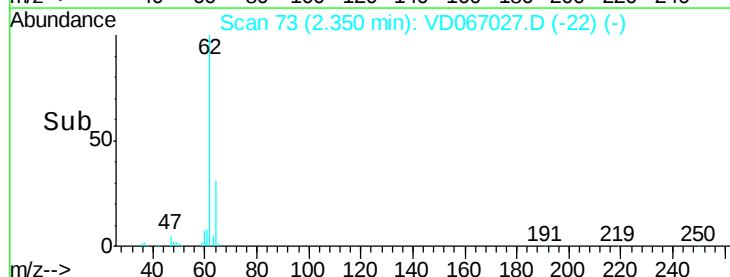
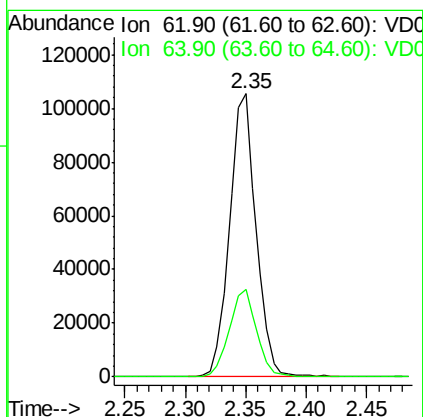
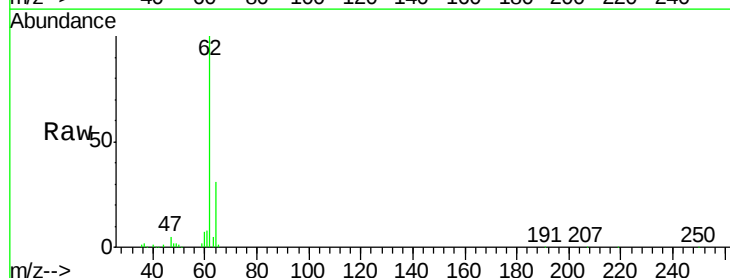
Acq: 02 Oct 2020 11:18

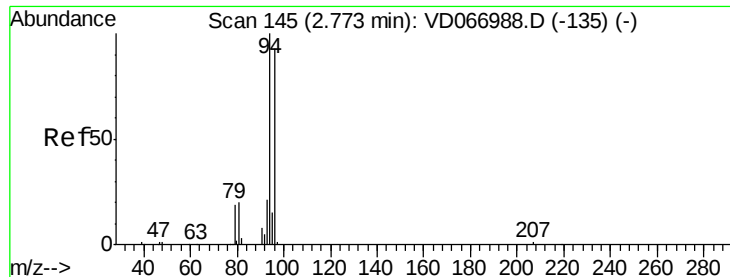
Tgt Ion: 62 Resp: 161021

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8





#5

Bromomethane

Concen: 45.533 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 110957

Ion Ratio Lower Upper

94 100

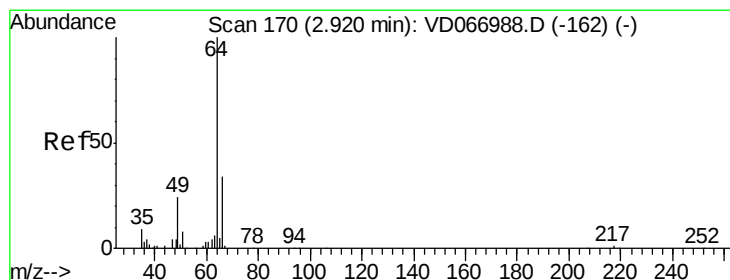
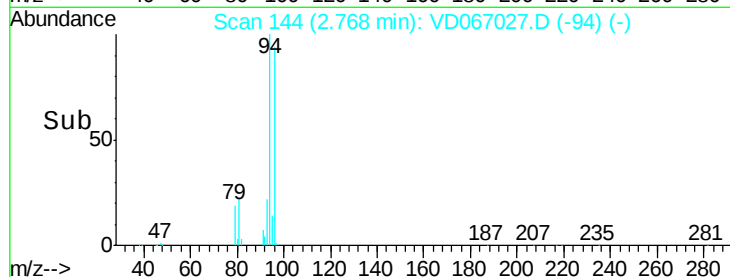
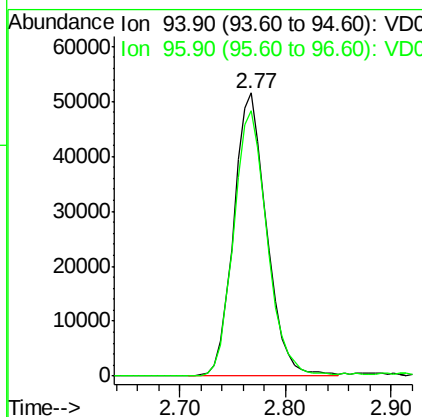
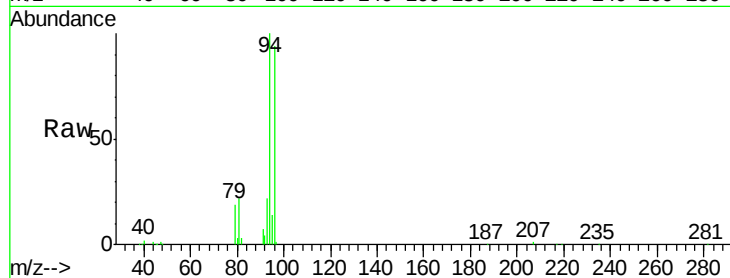
96 93.7 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 42.784 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067027.D

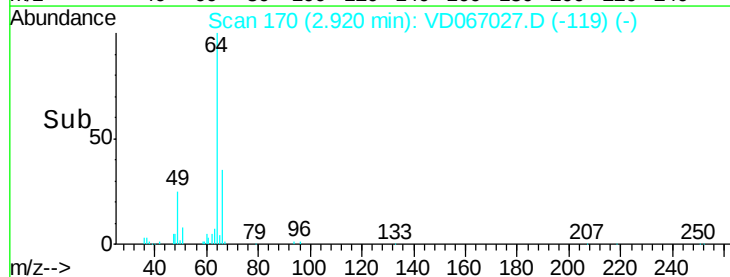
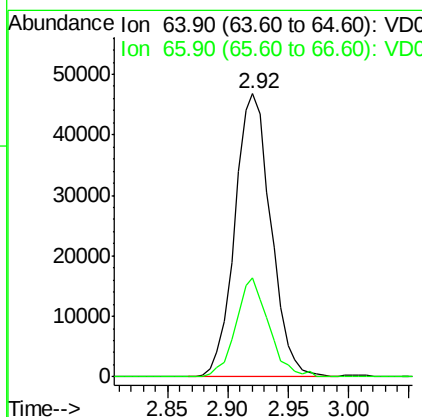
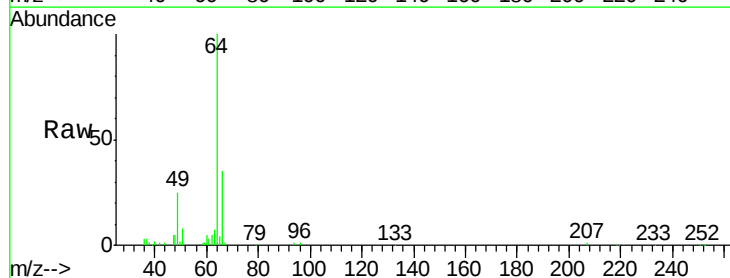
Acq: 02 Oct 2020 11:18

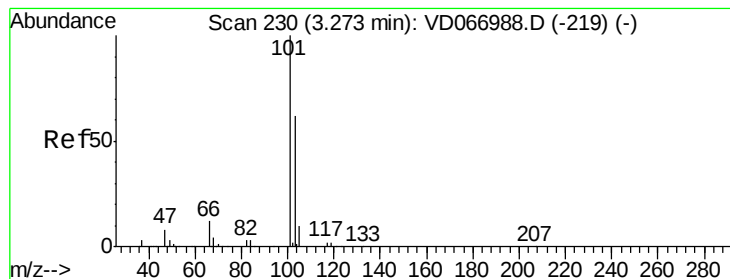
Tgt Ion: 64 Resp: 97674

Ion Ratio Lower Upper

64 100

66 35.2 27.0 40.6





#7

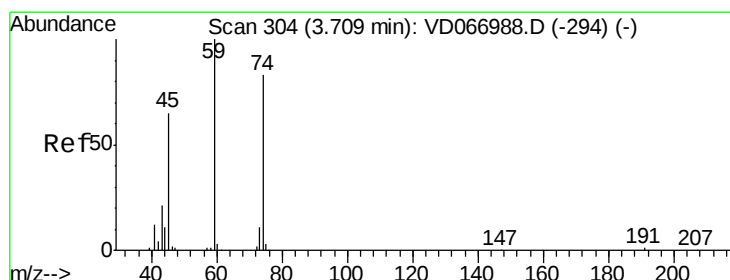
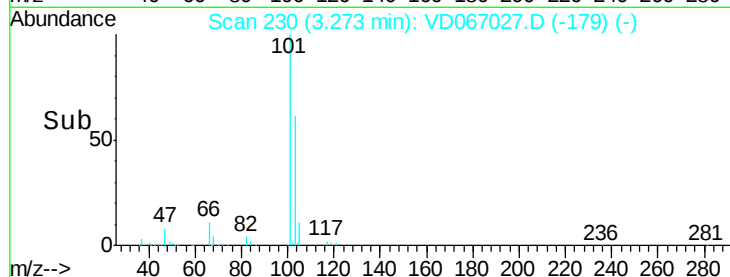
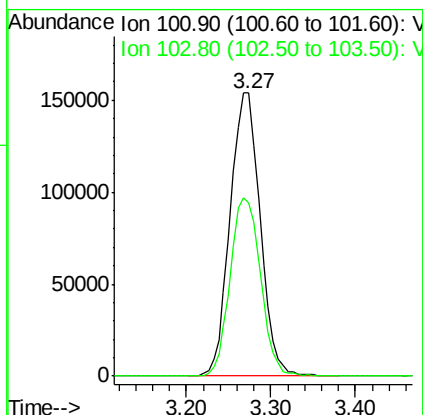
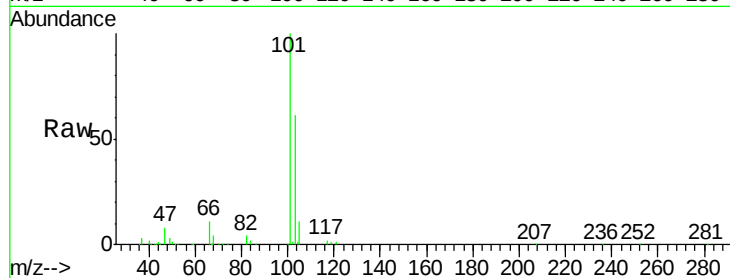
Trichlorofluoromethane
Concen: 45.387 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067027.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	49.8	74.8

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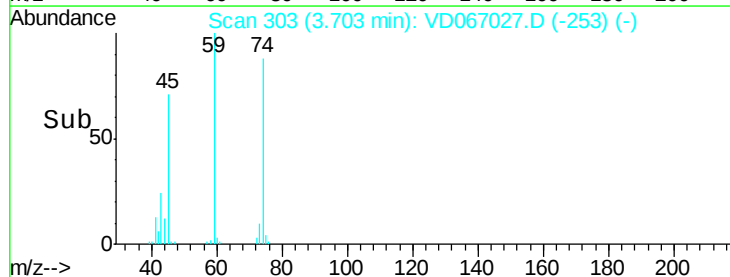
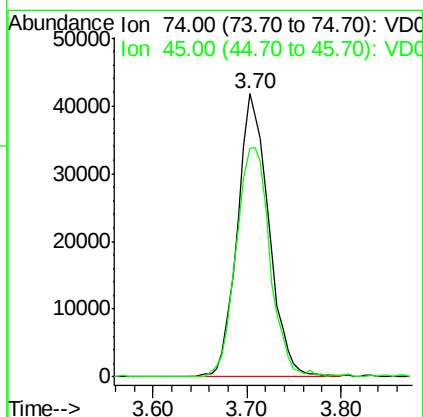
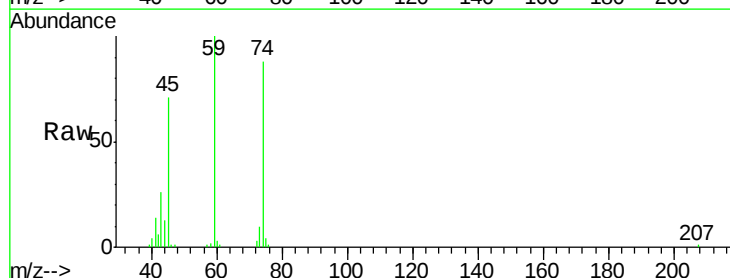
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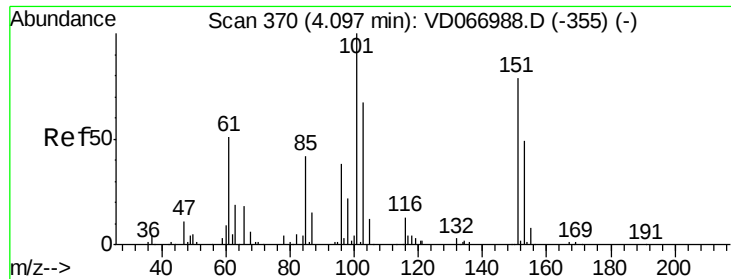


#8

Diethyl Ether
Concen: 46.776 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.3	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.166 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

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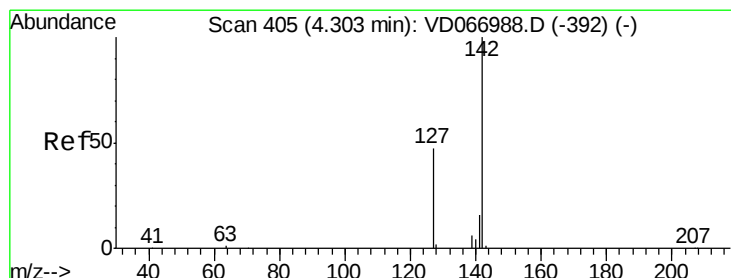
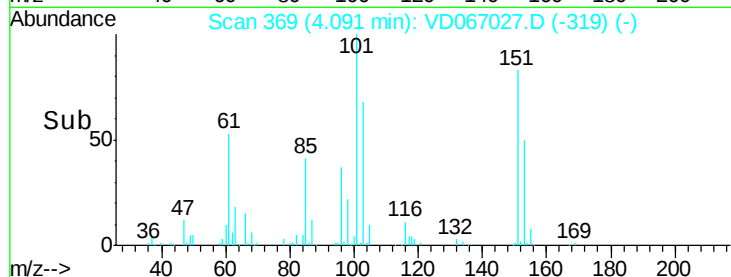
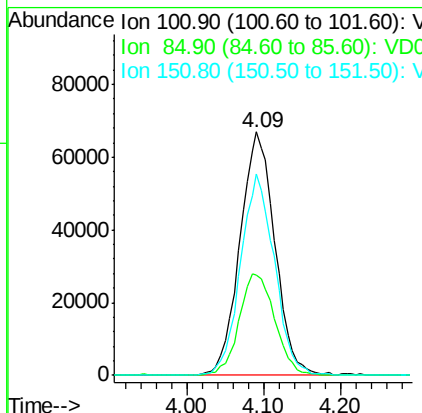
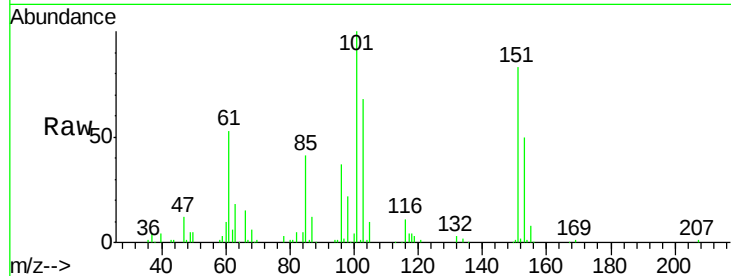
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	212621
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.8	50.8
151	80.2	63.8	95.8

Manual Integrations
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#10

Methyl Iodide

Concen: 40.937 ug/l

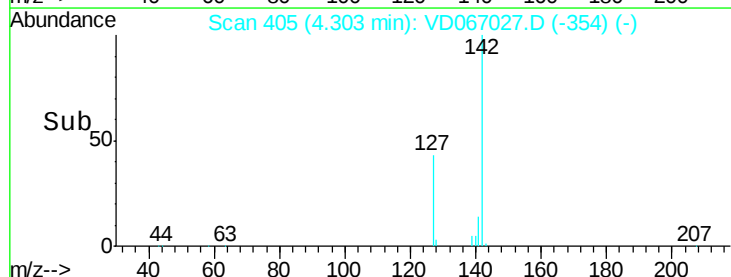
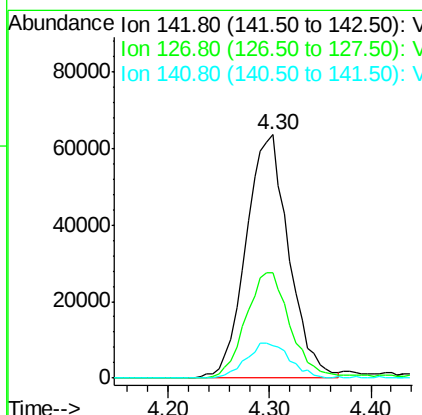
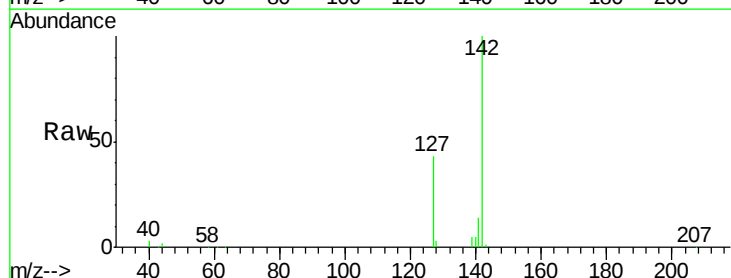
RT: 4.30 min Scan# 405

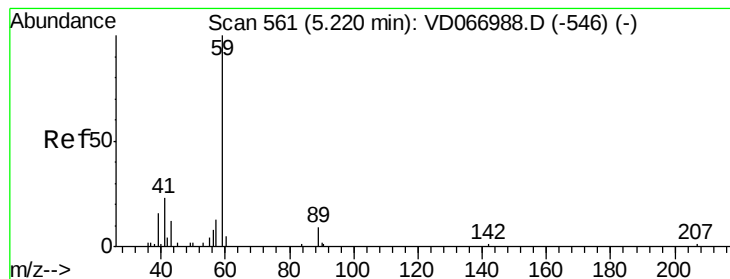
Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion:	142	Resp:	187248
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.3	54.5
141	14.6	12.0	18.0





#11

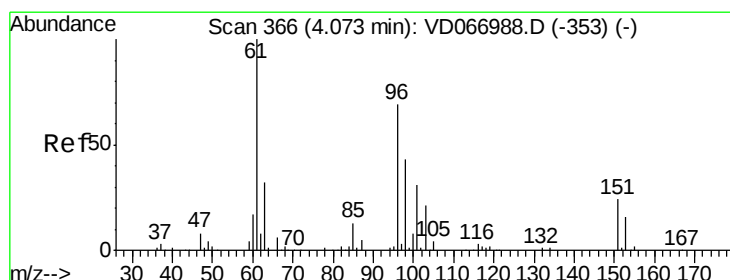
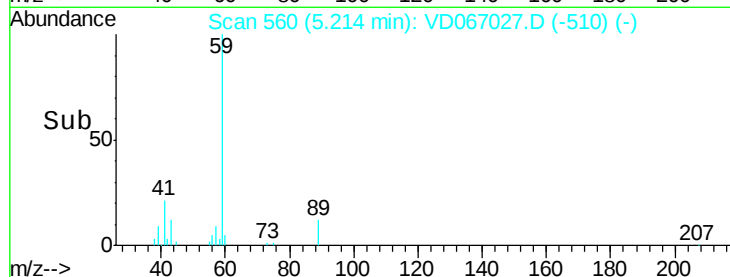
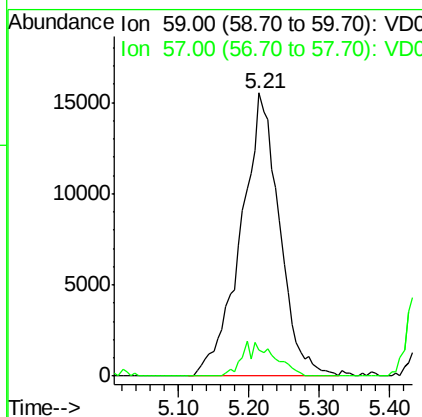
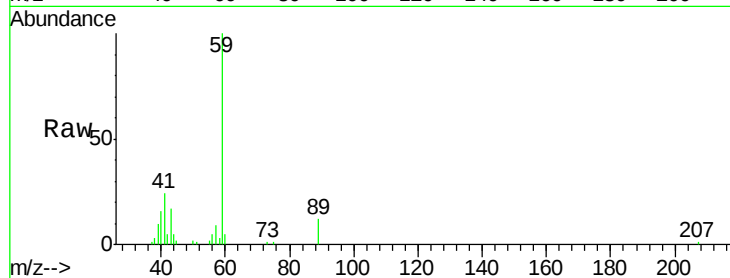
Tert butyl alcohol
Concen: 216.377 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	59072		
57	0.0	8.2	12.4	

Manual Integrations
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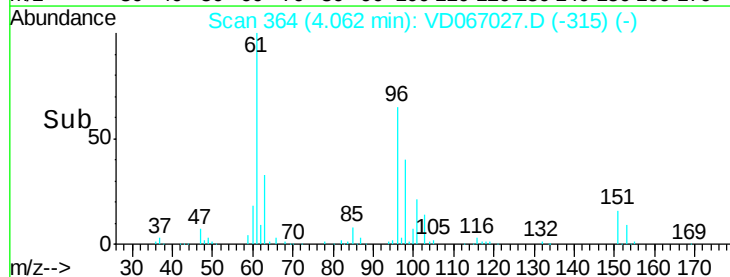
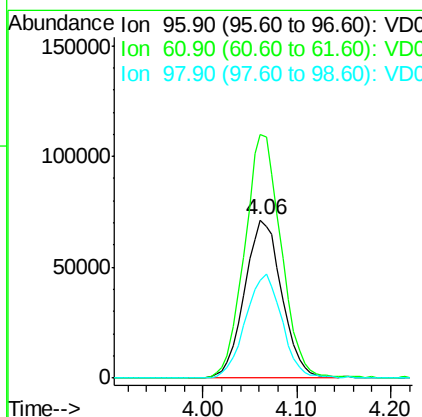
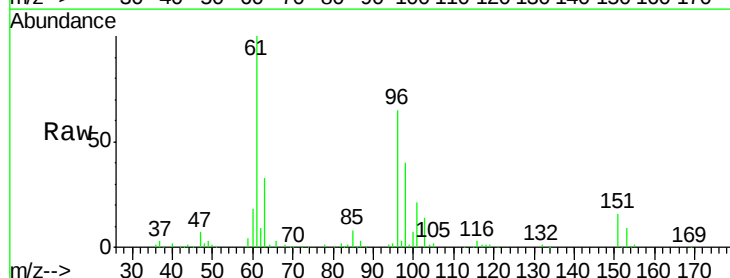
MMDadoda
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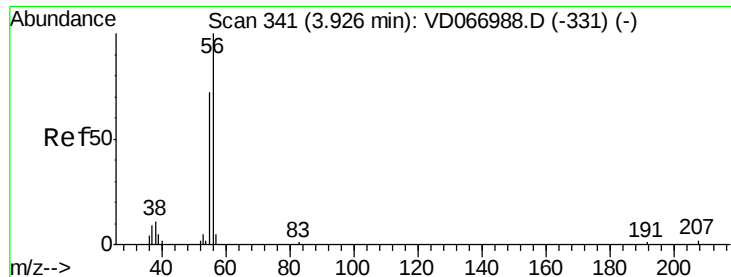


#12

1,1-Dichloroethene
Concen: 44.284 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	195975		
61	153.8	116.4	174.6	
98	61.7	49.9	74.9	





#13

Acrolein

Concen: 233.620 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 70734

Ion Ratio Lower Upper

56 100

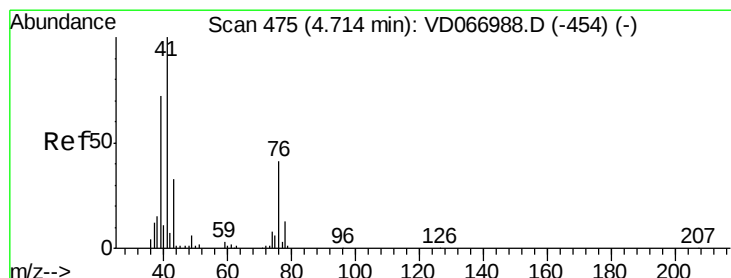
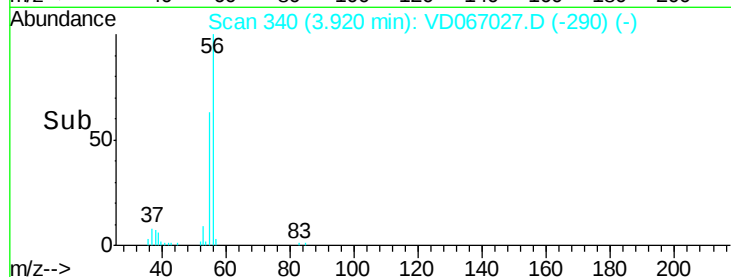
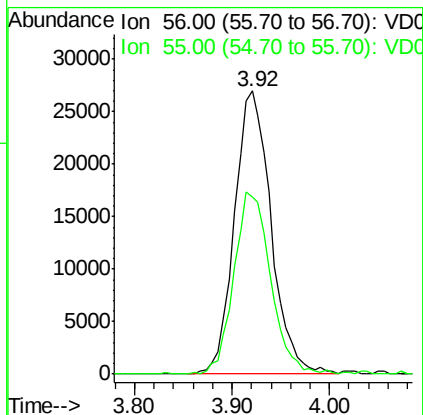
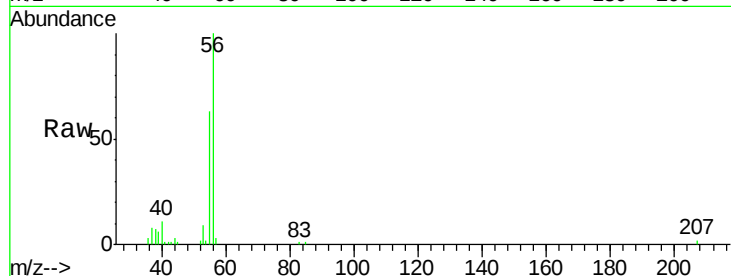
55 64.3 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 45.338 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

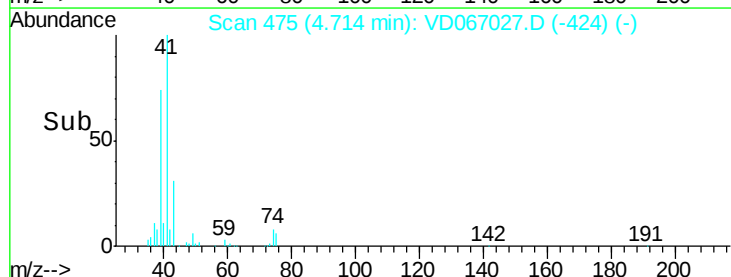
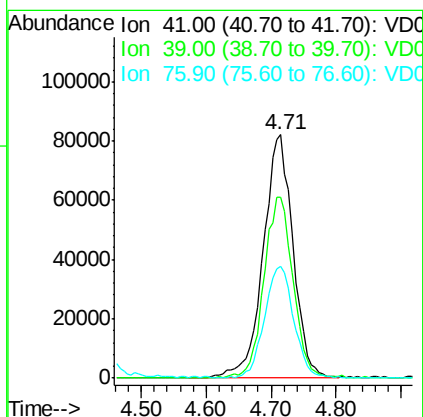
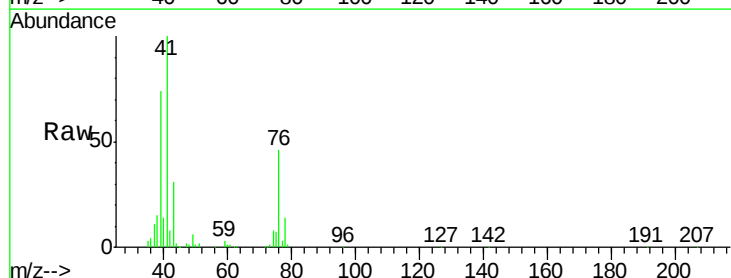
Tgt Ion: 41 Resp: 260647

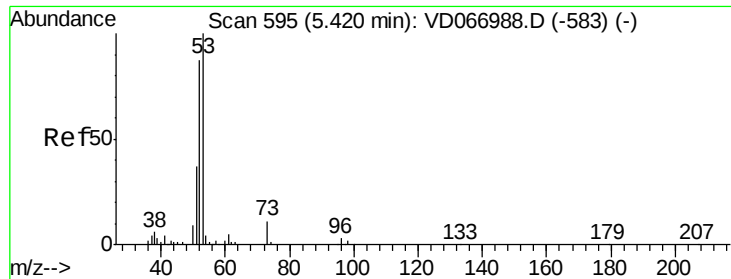
Ion Ratio Lower Upper

41 100

39 72.4 56.2 84.2

76 45.3 34.2 51.2





#15

Acrylonitrile

Concen: 229.031 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

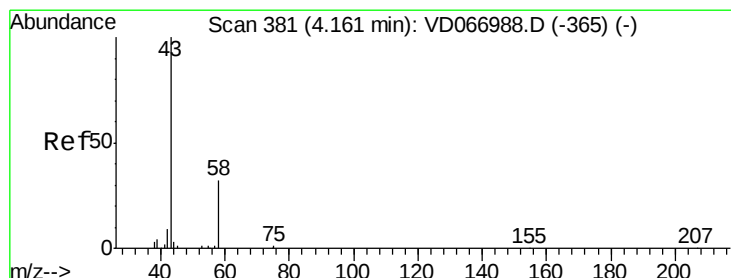
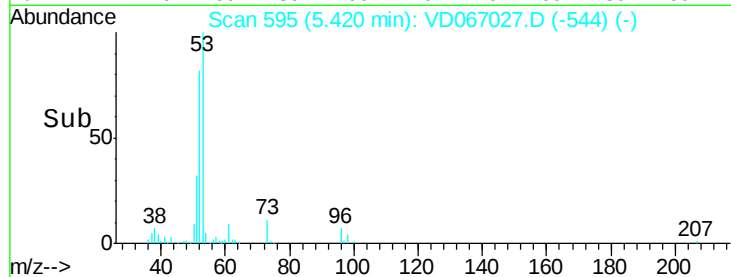
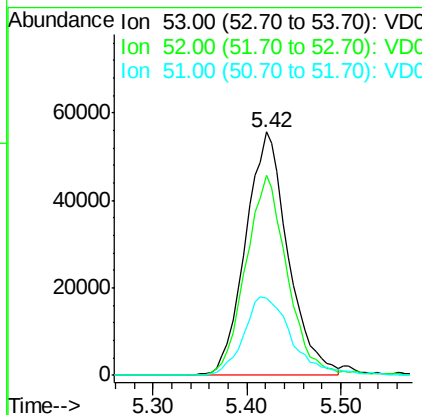
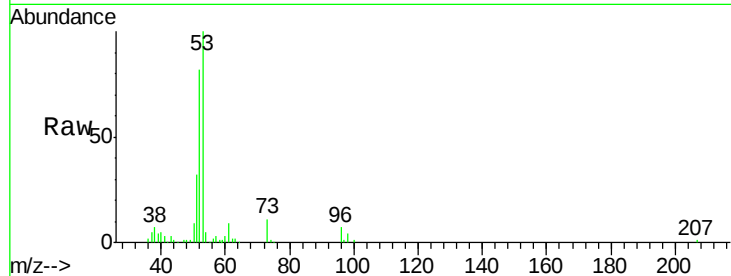
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	174094
Ion Ratio	Lower	Upper	
53	100		
52	80.2	67.3	100.9
51	36.2	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 248.789 ug/l

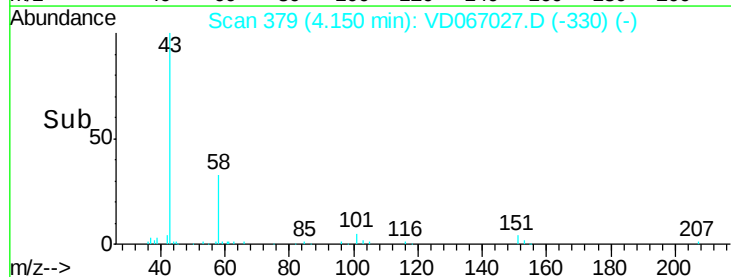
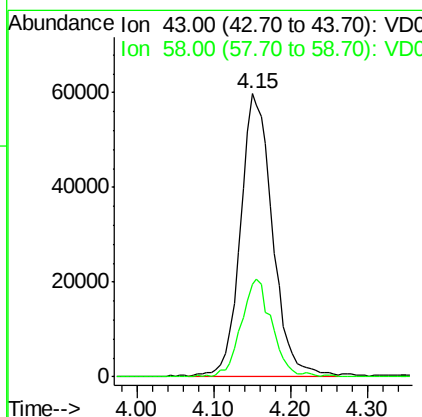
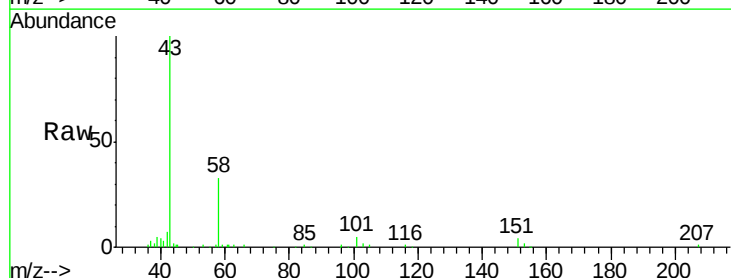
RT: 4.15 min Scan# 379

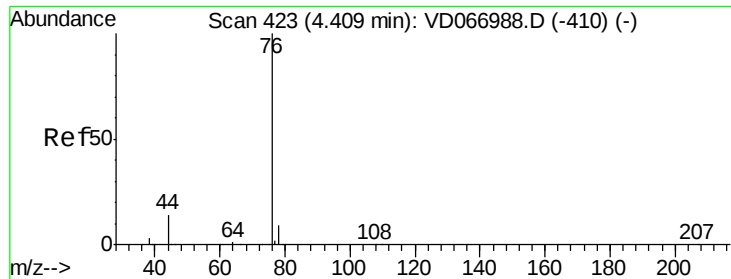
Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion:	43	Resp:	171725
Ion Ratio	Lower	Upper	
43	100		
58	32.8	25.9	38.9





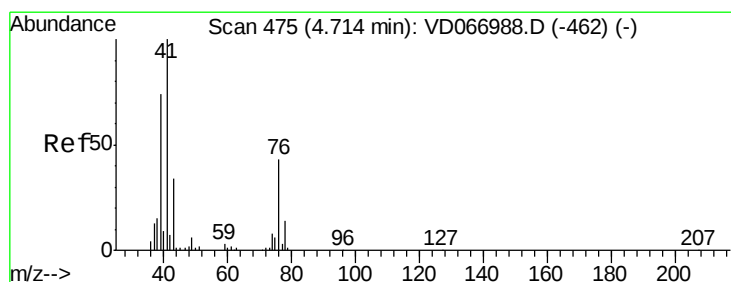
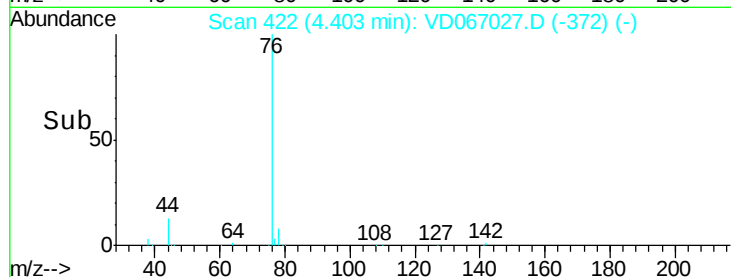
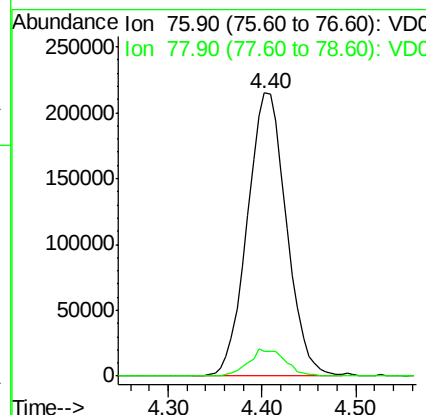
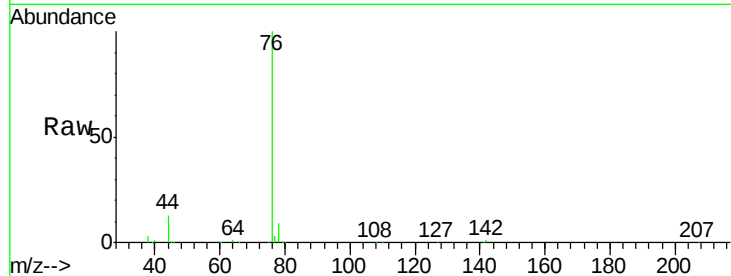
#17
Carbon Disulfide
Concen: 45.577 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

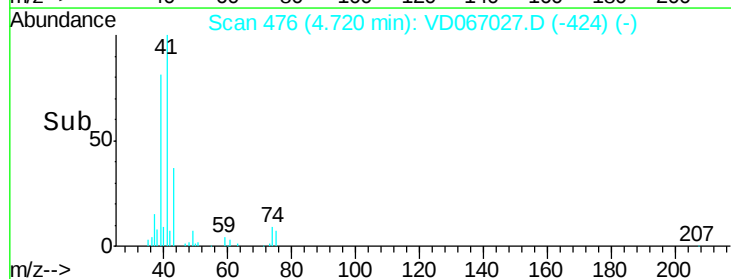
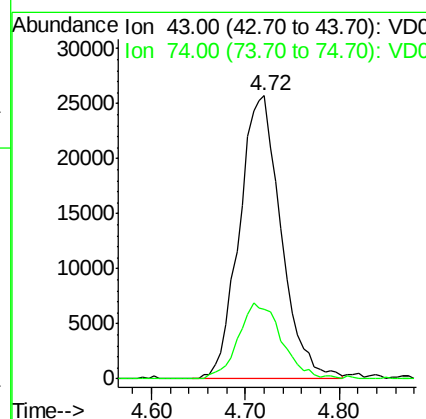
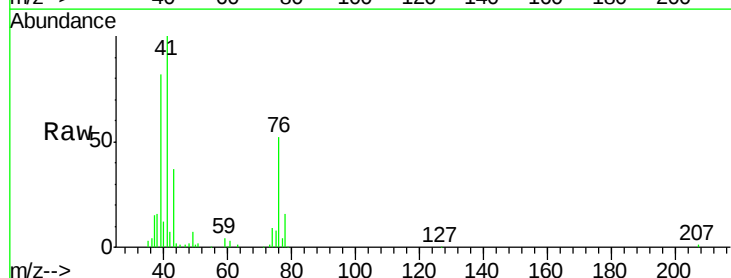
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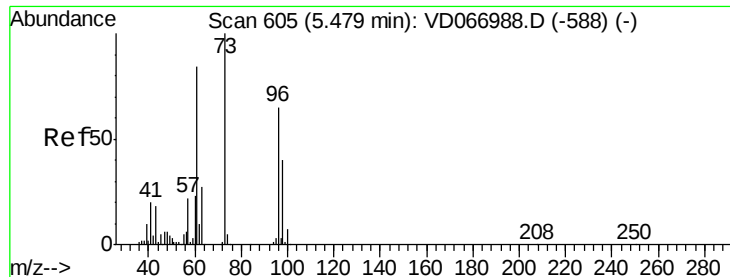
MMDadoda
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#18
Methyl Acetate
Concen: 45.588 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.9	21.5	32.3





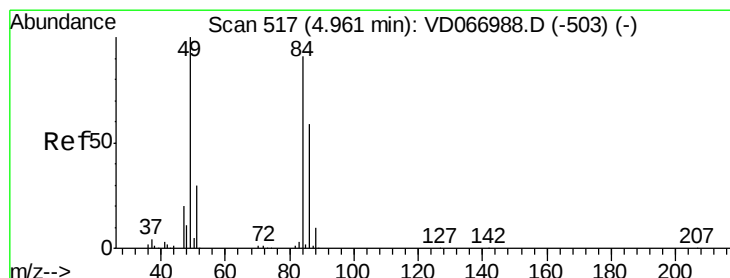
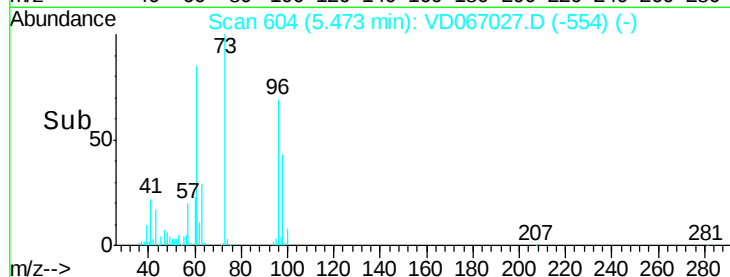
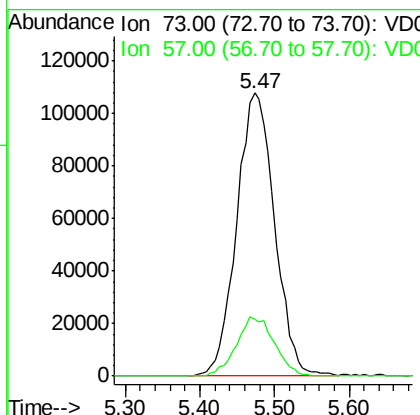
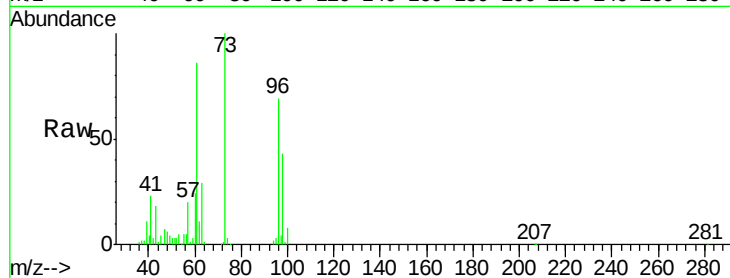
#19
Methvl tert-butvl Ether
Concen: 47.076 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.4	26.0

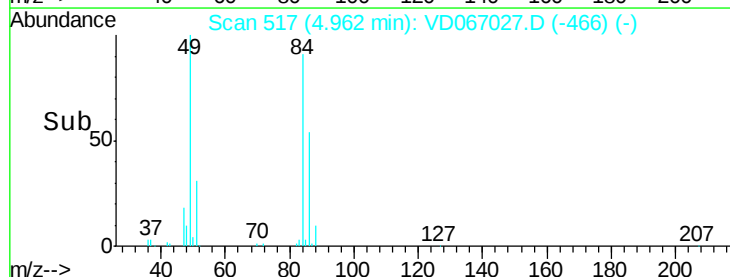
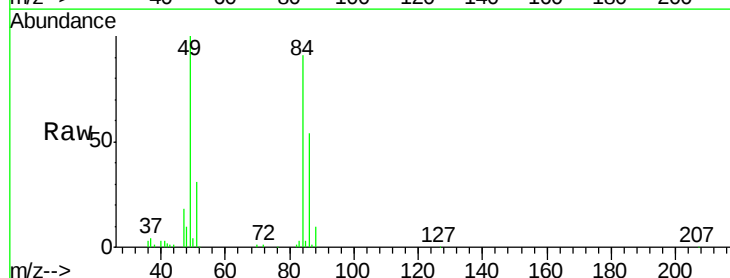
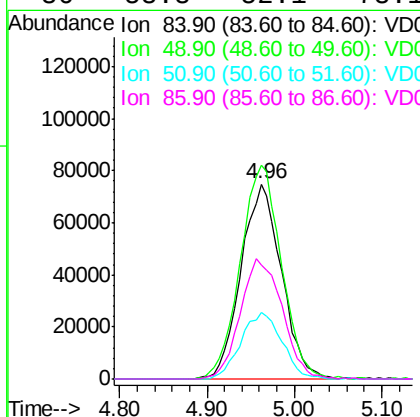
Manual Integrations
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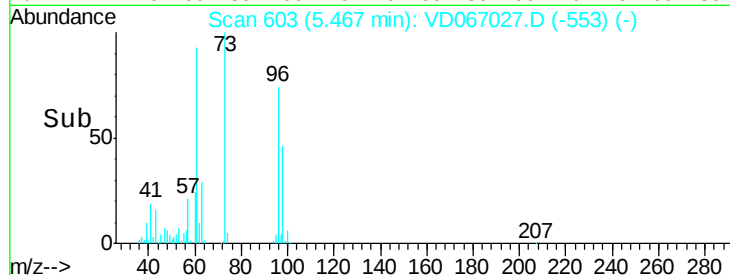
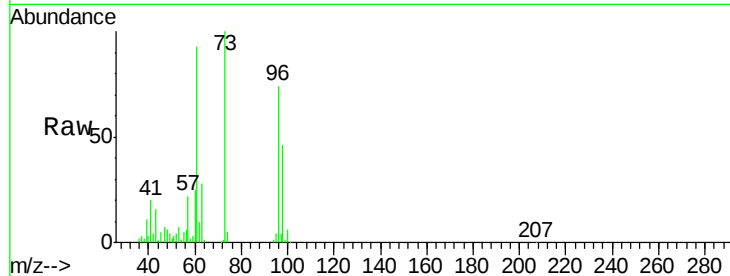
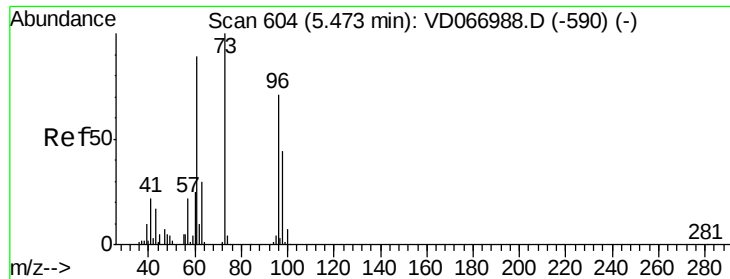
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#20
Methylene Chloride
Concen: 47.639 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.7	88.2	132.2
51	33.9	26.6	39.8
86	58.8	52.1	78.1





#21

trans-1,2-Dichloroethene

Concen: 46.158 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tot Ion:	96	Resp:	232465
Ion Ratio	Lower	Upper	
96	100		
61	125.3	99.6	149.4
98	62.3	49.4	74.2

Instrument :

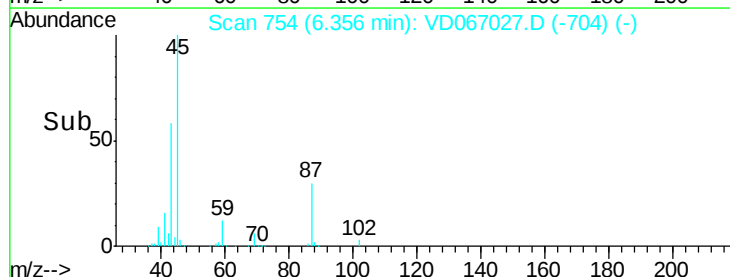
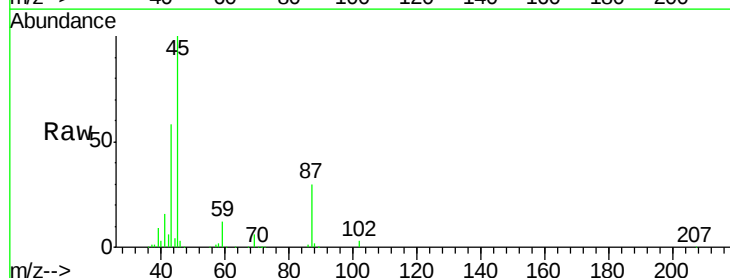
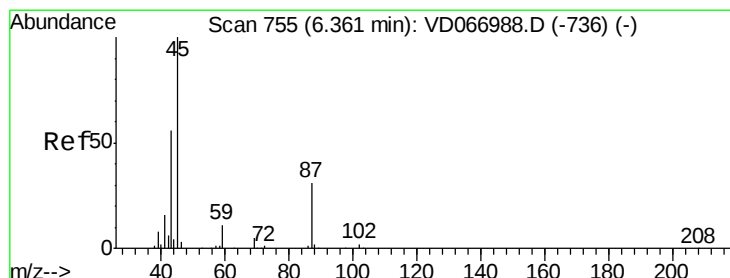
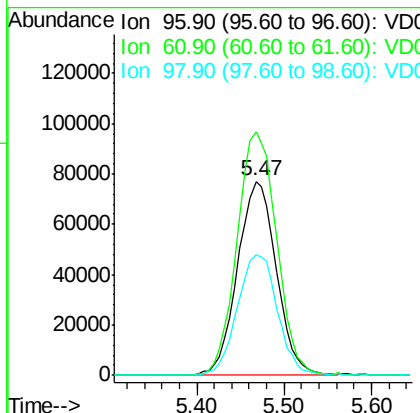
MSVOA_D

ClientSampleId :

VSTDCCC050

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#22

Diisopropyl ether

Concen: 48.182 ug/l

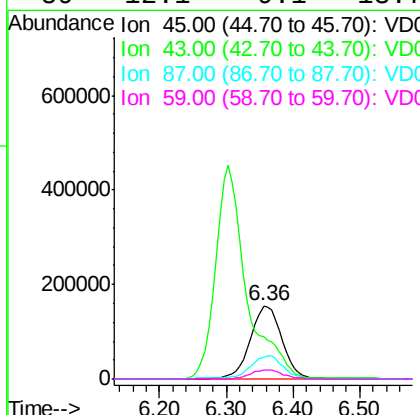
RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion:	45	Resp:	505702
Ion Ratio	Lower	Upper	
45	100		
43	57.5	45.2	67.8
87	29.8	25.6	38.4
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 248.450 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1477644

Ion Ratio Lower Upper

43 100

86 12.4

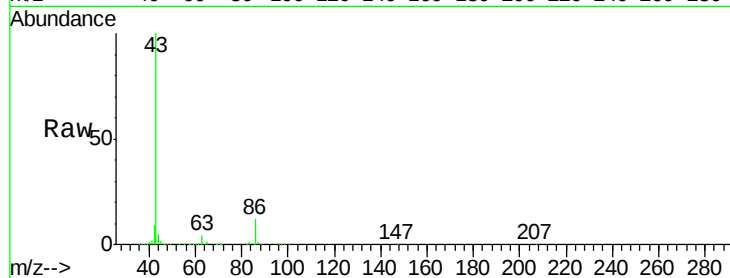
10.2

15.2

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

500000

400000

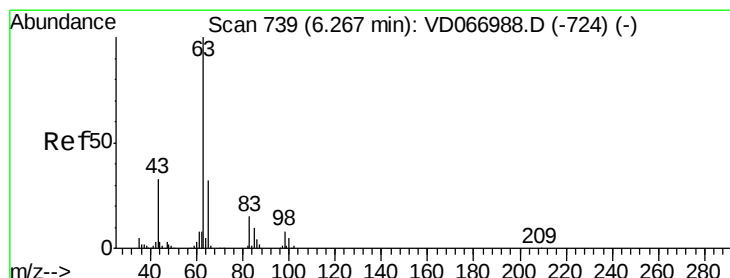
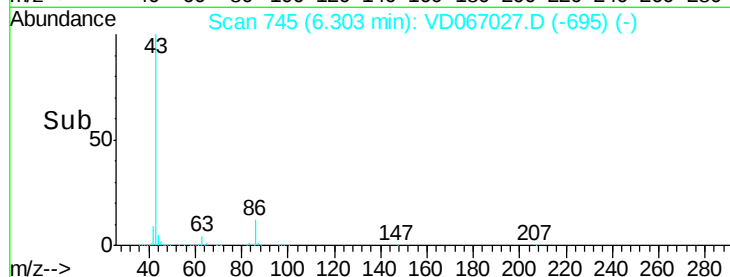
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 45.797 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion: 63 Resp: 370955

Ion Ratio Lower Upper

63 100

98 7.8

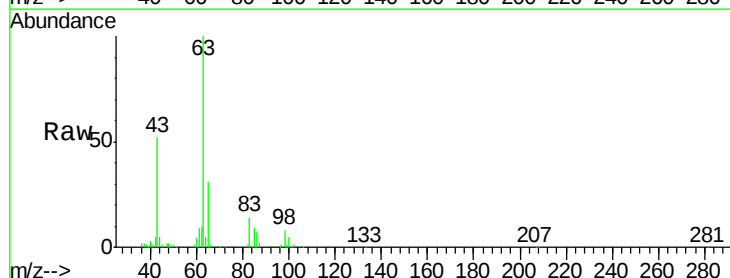
4.2

12.6

100 5.0

2.6

7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

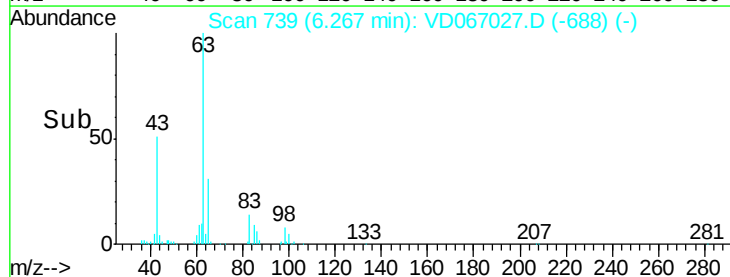
150000

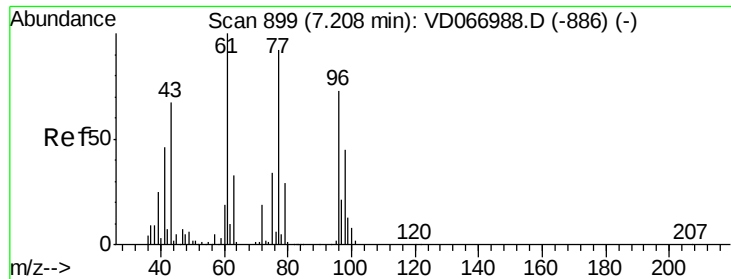
100000

50000

0

Time--> 6.10 6.20 6.30 6.40





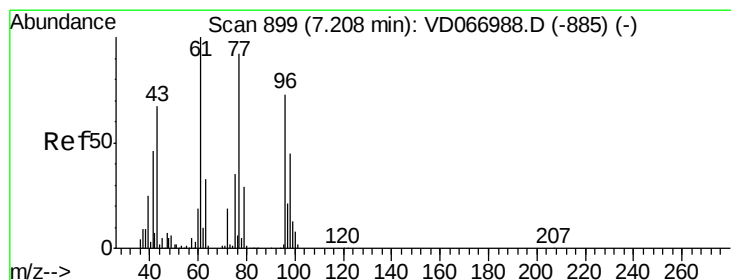
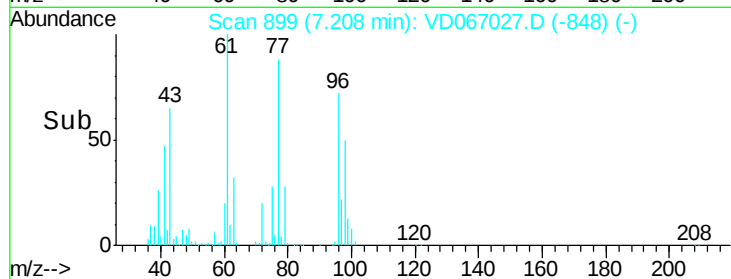
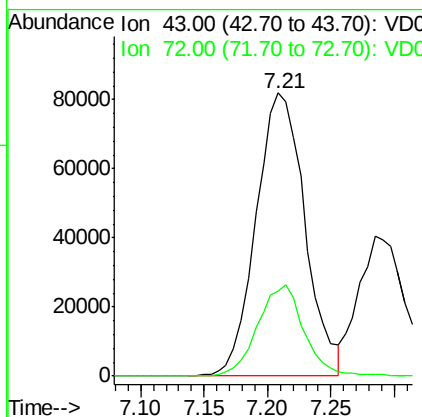
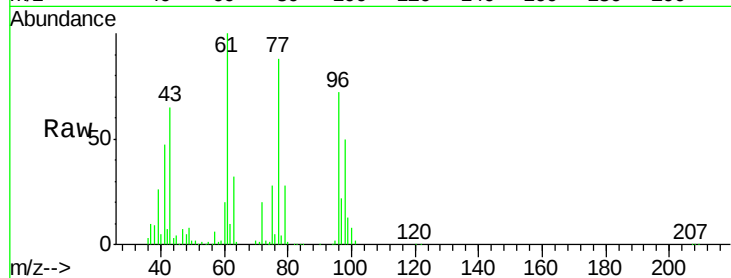
#25
2-Butanone
Concen: 224.946 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 220134
Ion Ratio Lower Upper
43 100
72 30.2 22.8 34.2

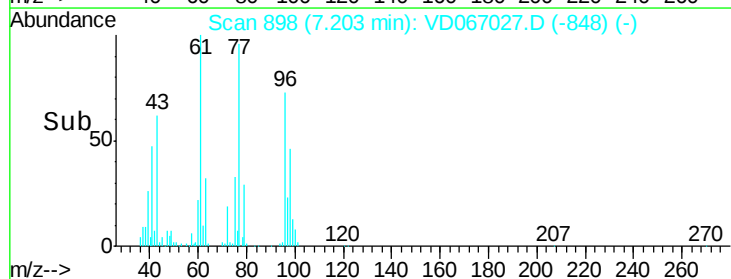
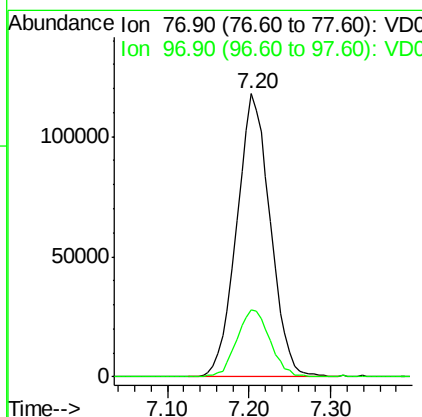
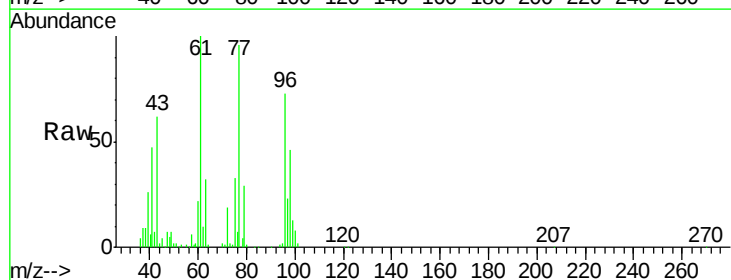
Manual Integrations
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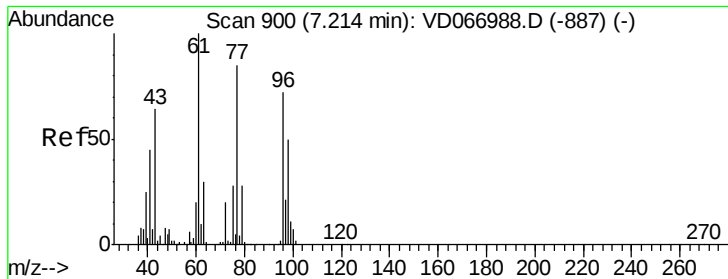
MMDadoda
10/5/2020 5:34:23 PM



#26
2,2-Dichloropropane
Concen: 48.405 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion: 77 Resp: 336176
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.2





#27

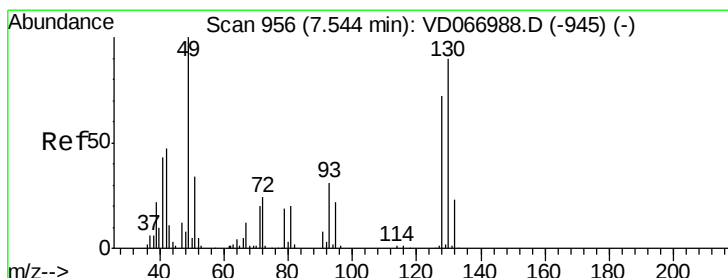
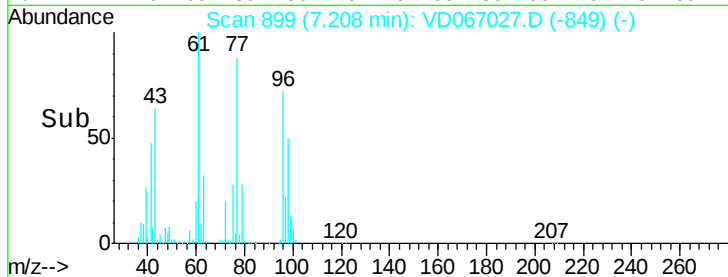
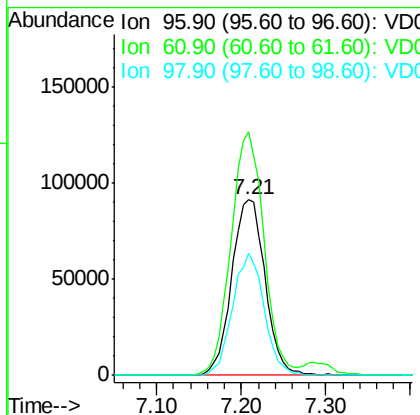
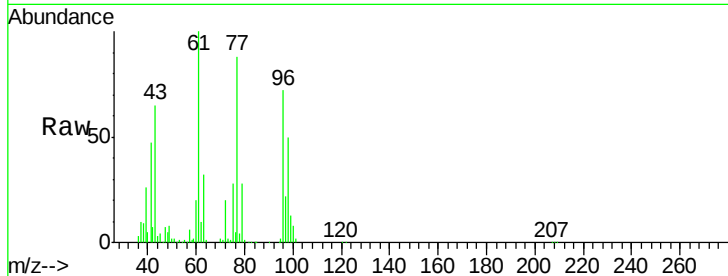
cis-1,2-Dichloroethene
Concen: 46.368 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	249402		
61	136.4	0.0	269.2	
98	65.6	0.0	129.4	

Manual Integrations
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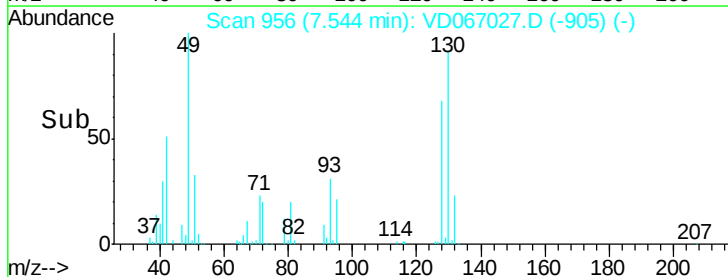
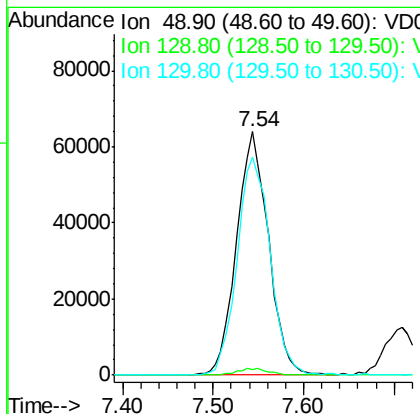
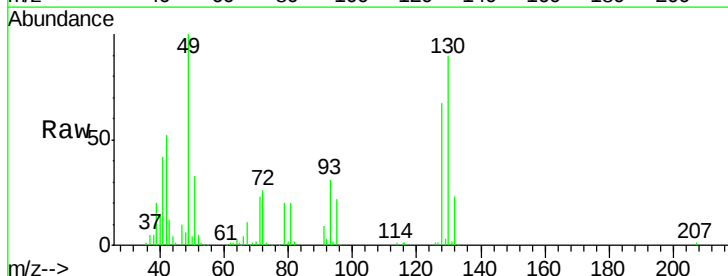
MMDadoda
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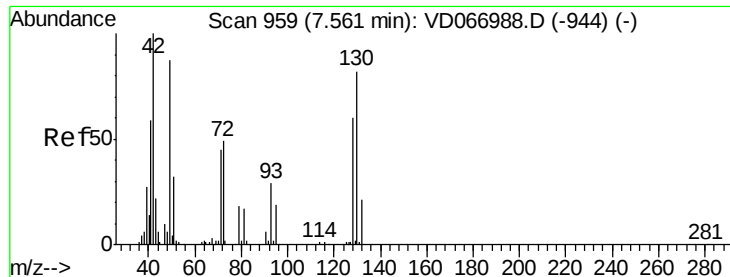


#28

Bromochloromethane
Concen: 50.222 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	157099		
129	2.6	0.0	4.6	
130	92.5	74.1	111.1	





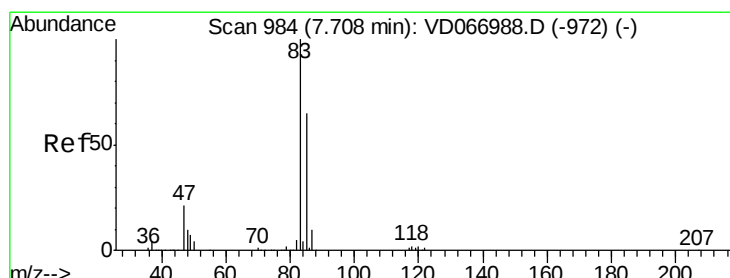
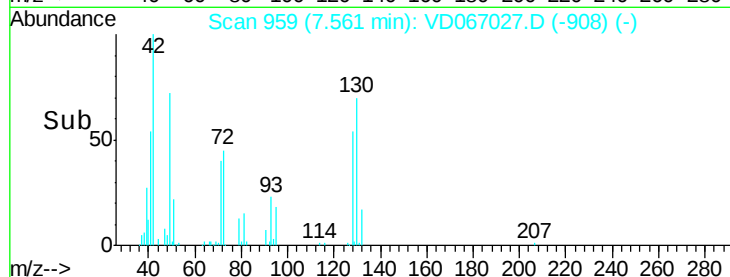
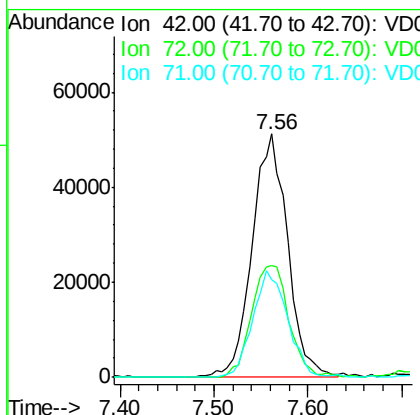
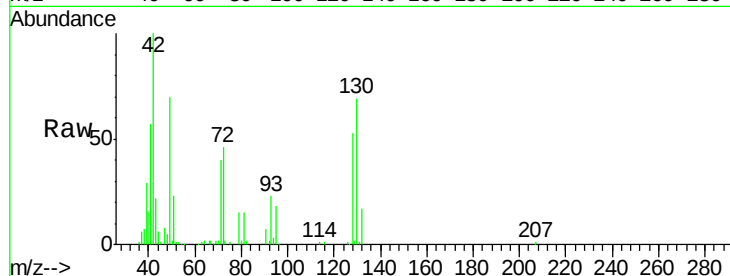
#29
Tetrahydrofuran
Concen: 237.776 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	39.1	58.7
71	42.8	34.2	51.4

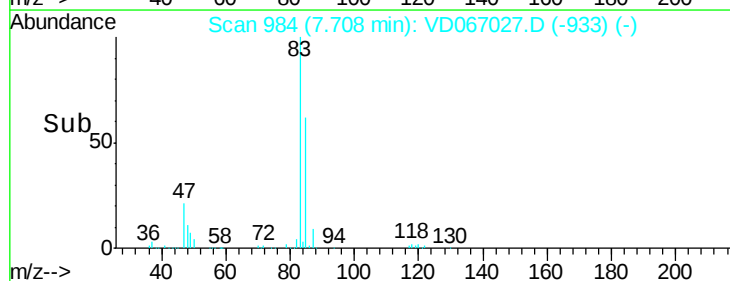
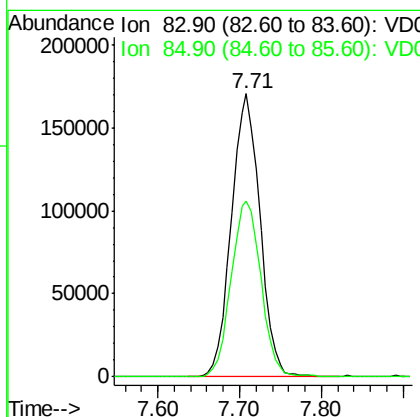
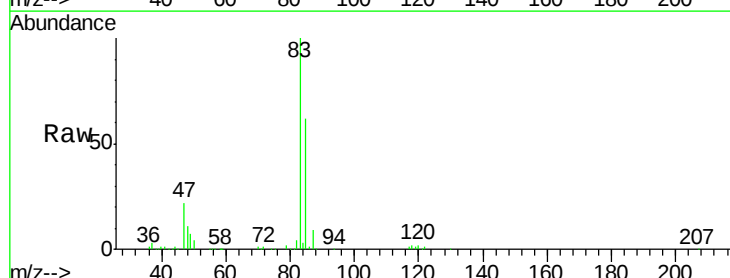
Manual Integrations
APPROVED

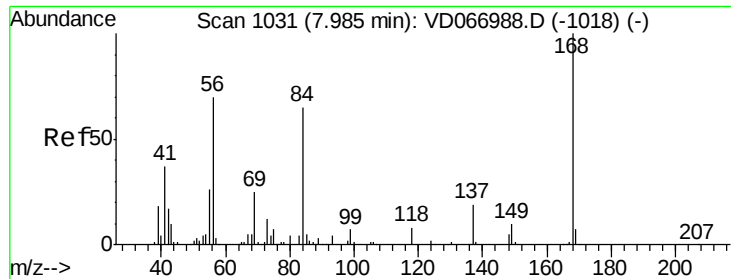
MMDadoda
10/5/2020 5:34:23 PM



#30
Chloroform
Concen: 47.183 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.3	78.5





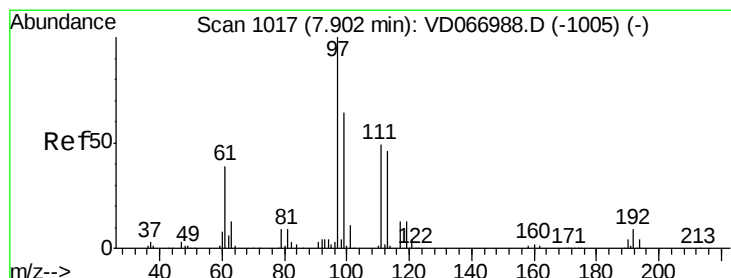
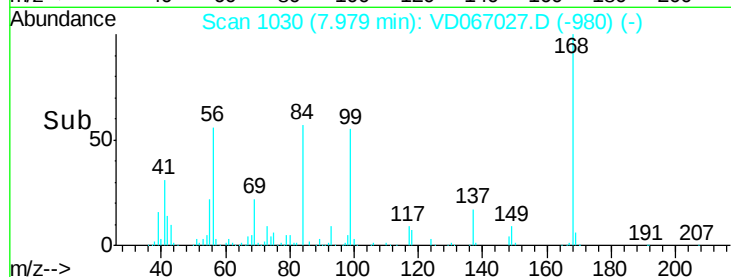
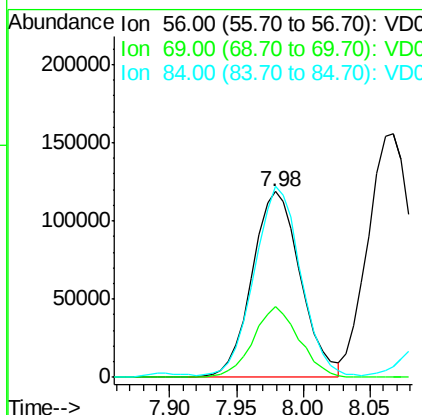
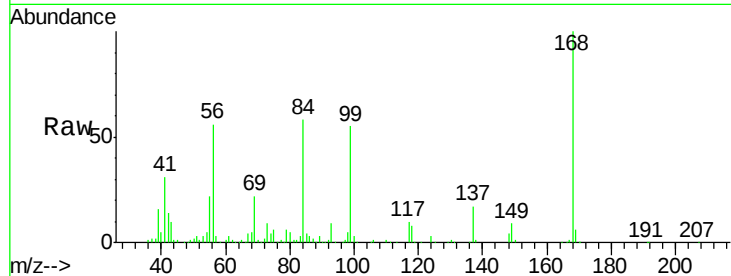
#31
Cyclohexane
Concen: 43.976 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.4	29.0	43.6
84	101.1	74.2	111.2

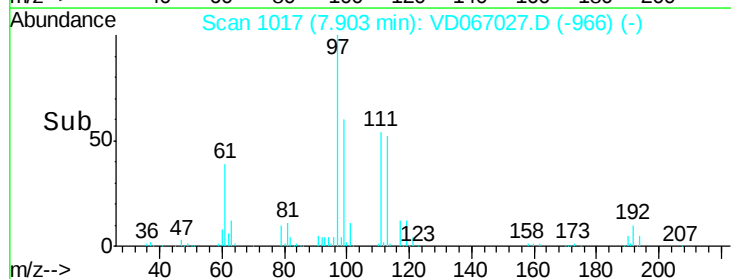
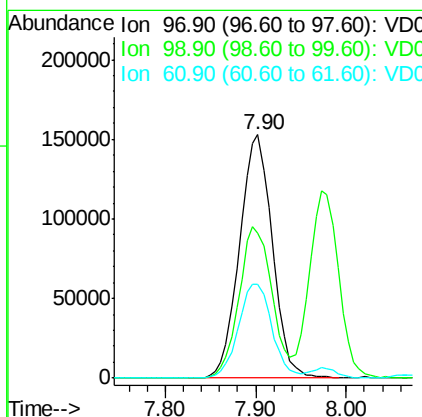
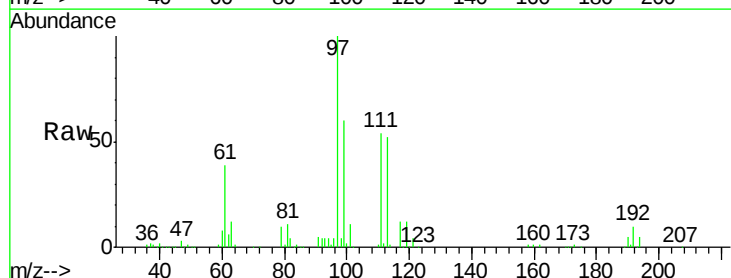
Manual Integrations
APPROVED

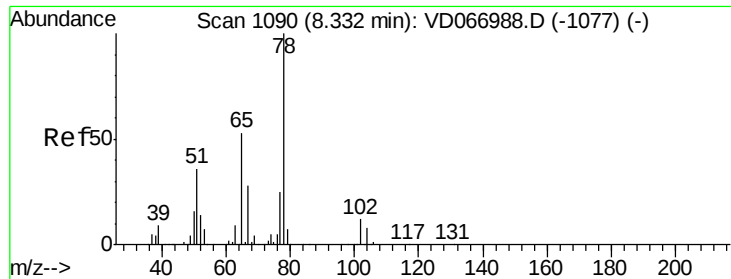
MMDadoda
10/5/2020 5:34:23 PM



#32
1,1,1-Trichloroethane
Concen: 47.252 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.6	78.8
61	39.6	32.8	49.2





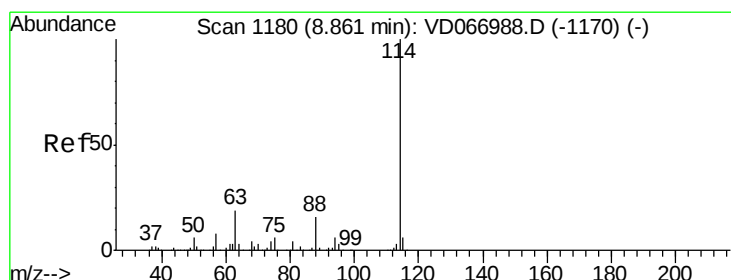
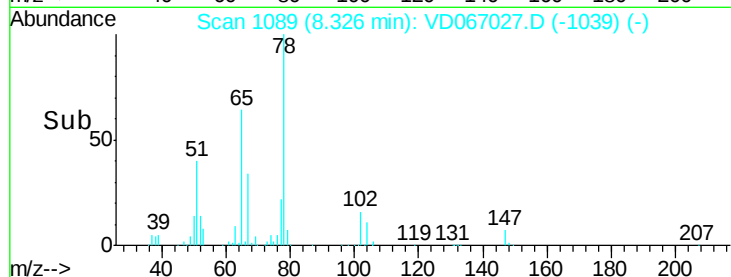
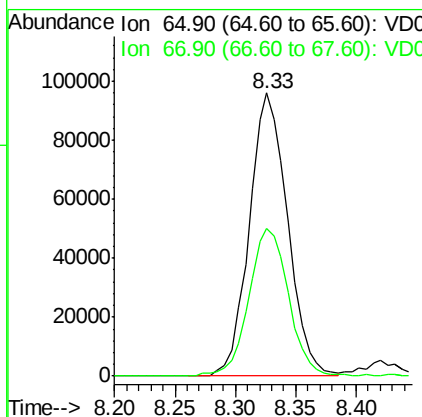
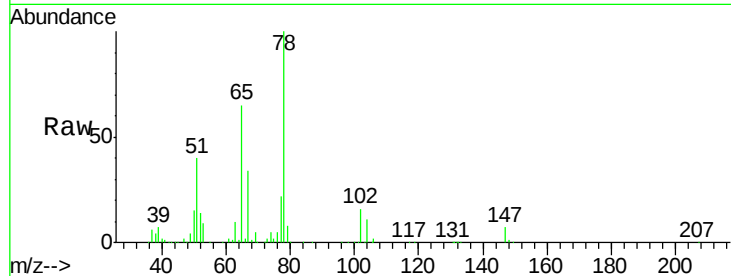
#33
 1,2-Dichloroethane-d4
 Concen: 46.831 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	211757		
67	54.5	0.0	106.8	

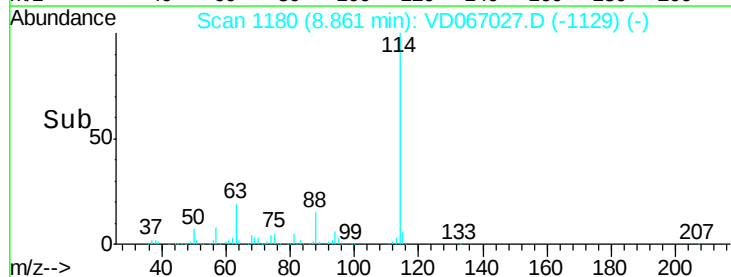
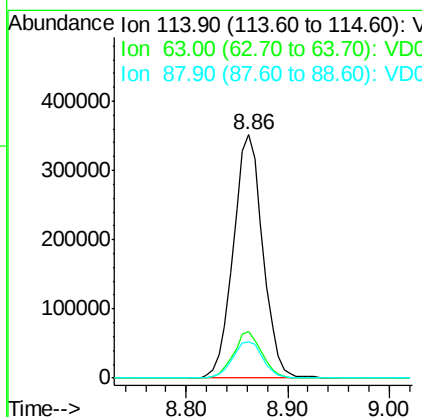
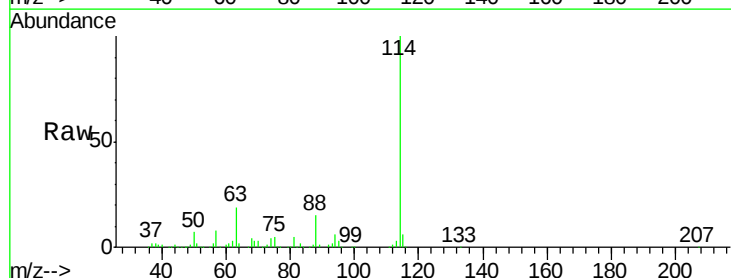
Manual Integrations
 APPROVED

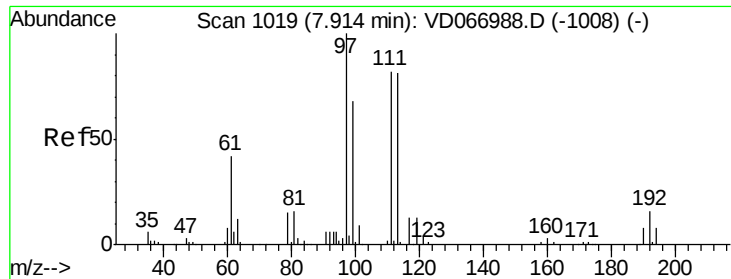
MMDadoda
 10/5/2020 5:34:23 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	709071		
63	18.8	0.0	38.4	
88	14.8	0.0	31.2	





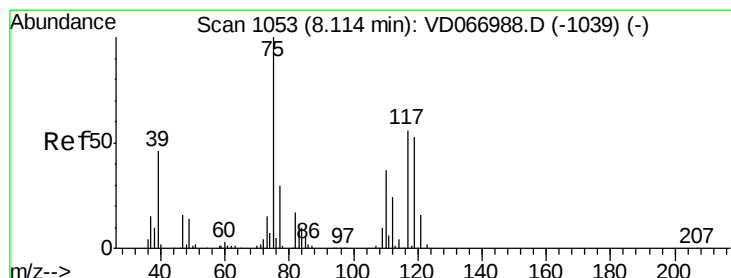
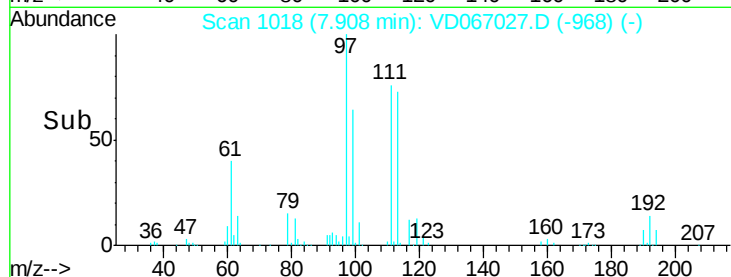
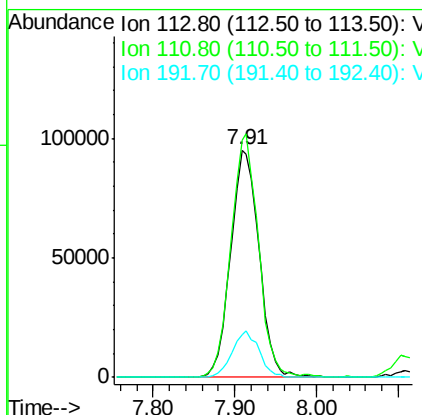
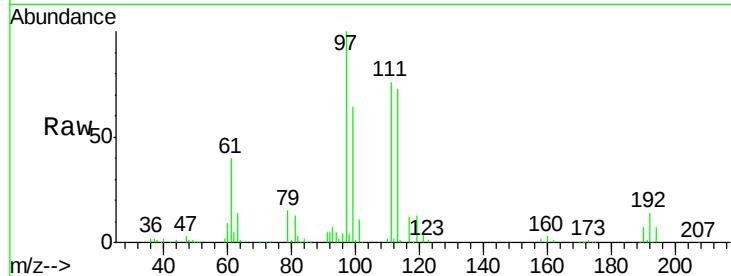
#35
Dibromofluoromethane
Concen: 49.530 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	229928		
111	103.8	83.0	124.4	
192	19.4	15.5	23.3	

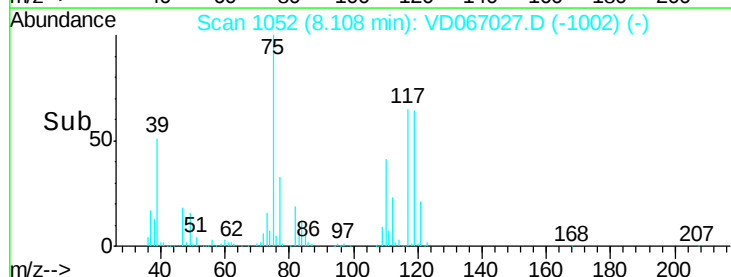
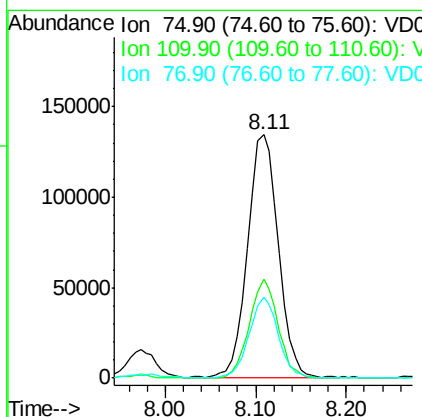
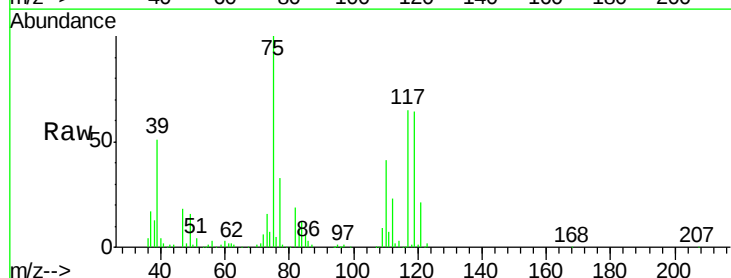
Manual Integrations
APPROVED

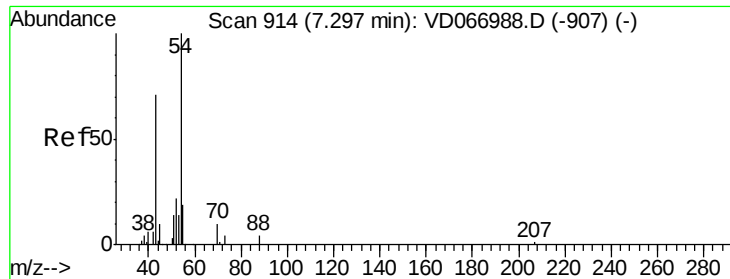
MMDadoda
10/5/2020 5:34:23 PM



#36
1,1-Dichloropropene
Concen: 47.740 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	315526		
110	38.3	18.4	55.0	
77	31.8	24.8	37.2	





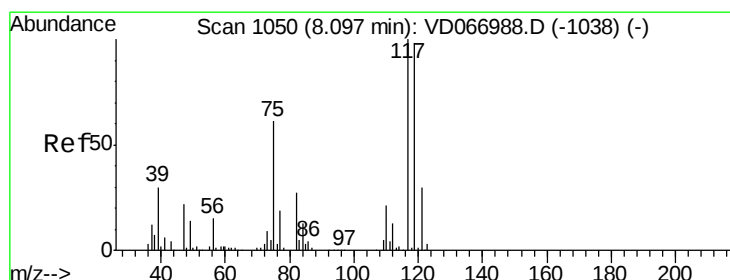
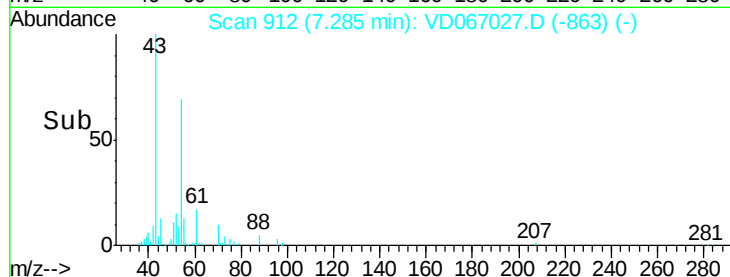
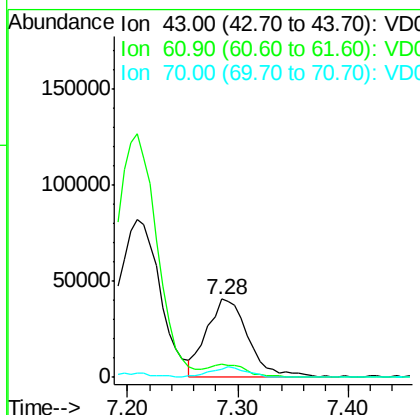
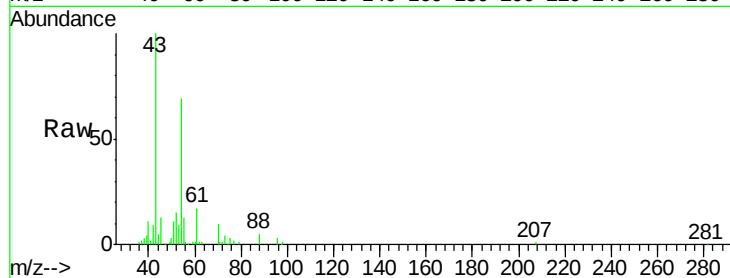
#37
Ethyl Acetate
Concen: 45.728 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.5	18.7
70	12.0	9.4	14.0

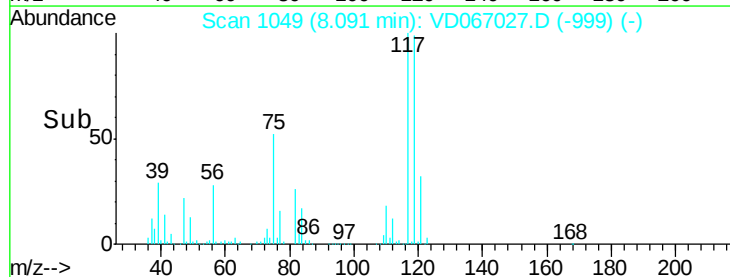
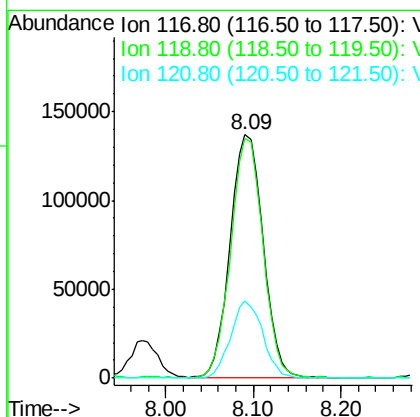
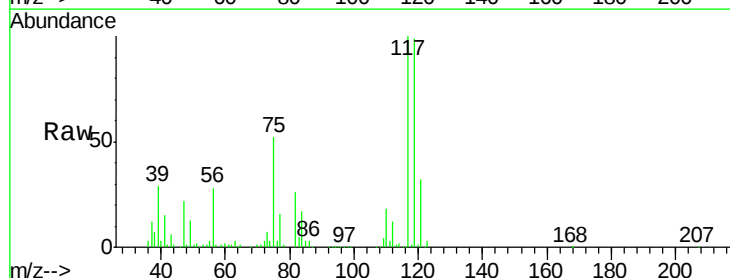
Manual Integrations
APPROVED

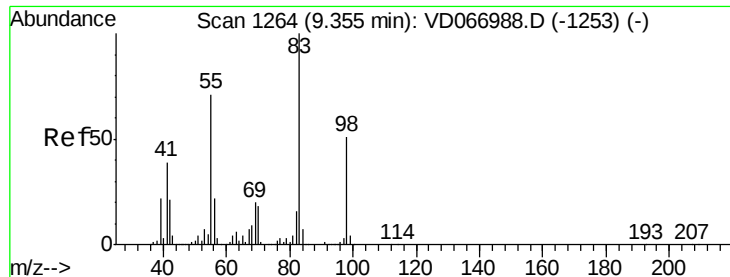
MMDadoda
10/5/2020 5:34:23 PM



#38
Carbon Tetrachloride
Concen: 48.887 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	78.7	118.1
121	31.7	24.2	36.2





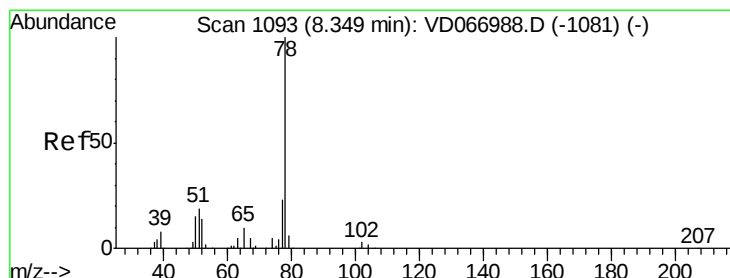
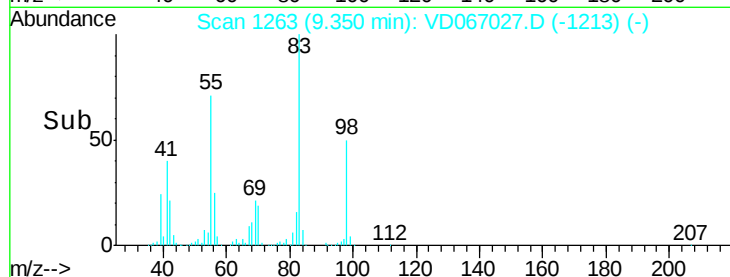
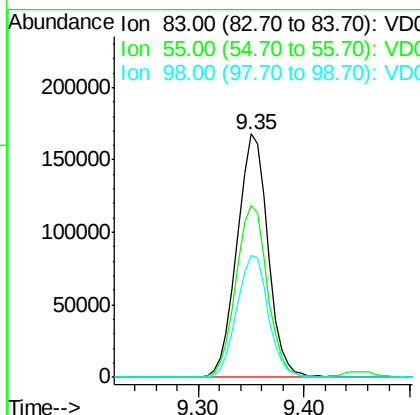
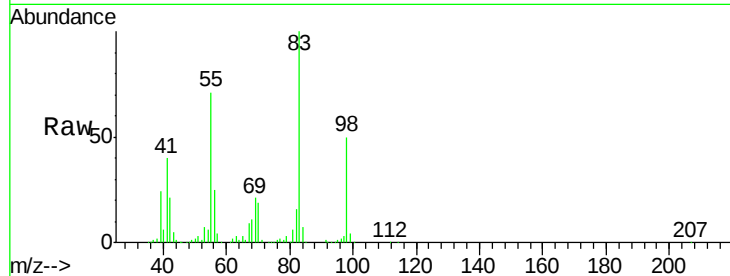
#39
Methvlcvclohexane
Concen: 48.825 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	57.1	85.7
98	50.2	40.9	61.3

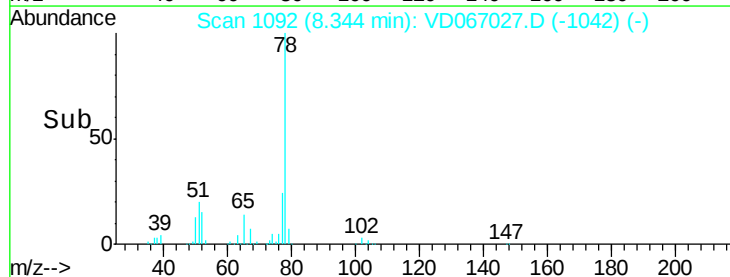
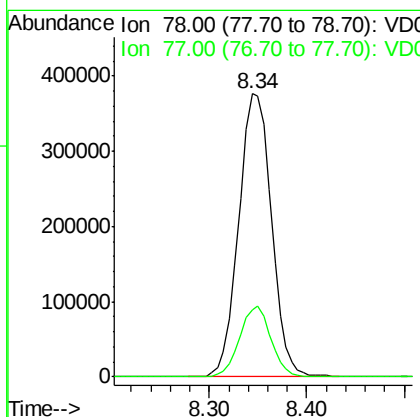
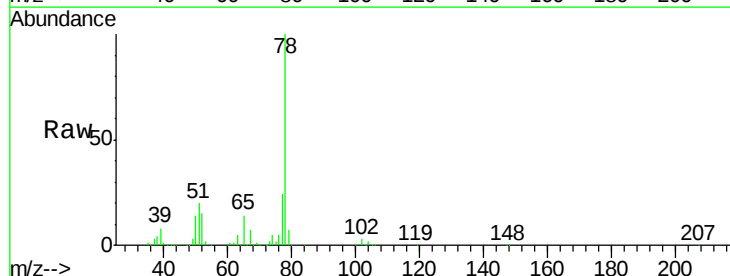
Manual Integrations
APPROVED

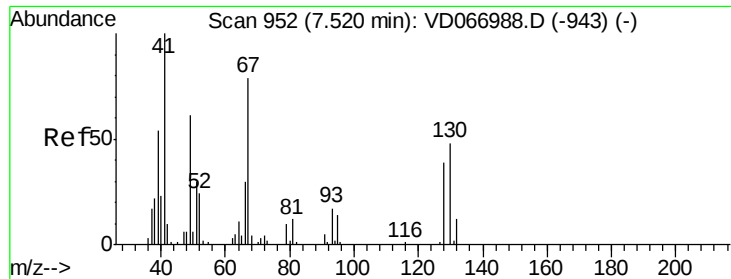
MMDadoda
10/5/2020 5:34:23 PM



#40
Benzene
Concen: 47.965 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.4	27.6





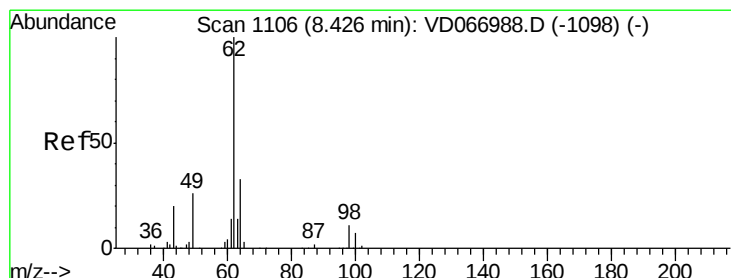
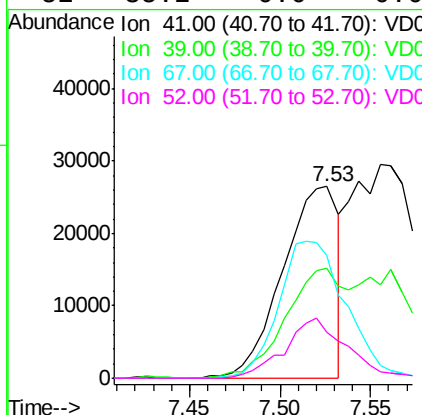
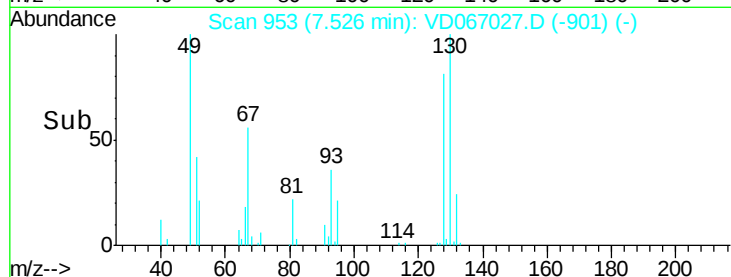
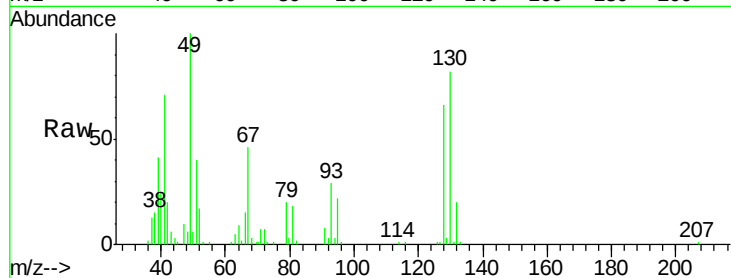
#41
Methacrylonitrile
Concen: 45.983 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.4	0.0	0.0#
67	86.8	0.0	0.0#
52	35.2	0.0	0.0#

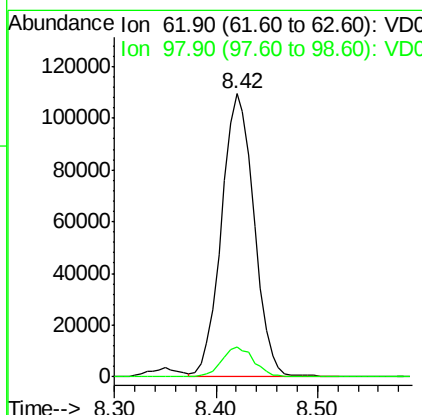
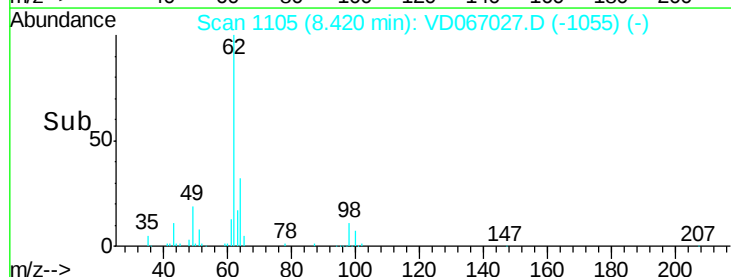
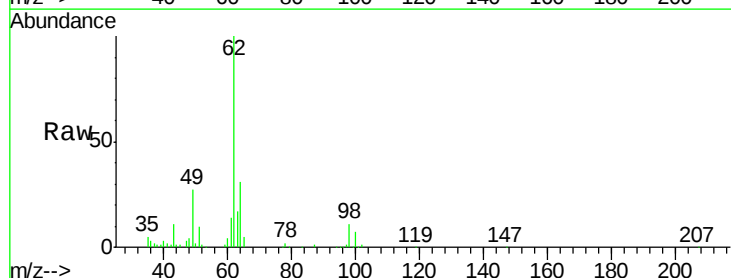
Manual Integrations
APPROVED

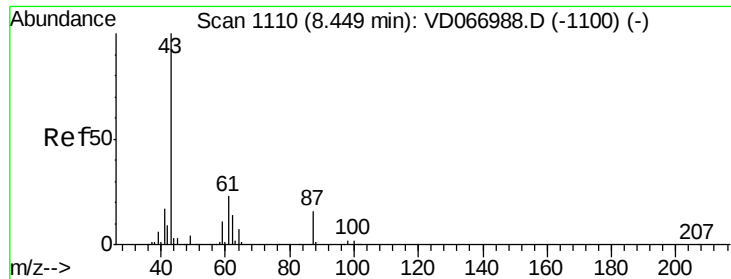
MMDadoda
10/5/2020 5:34:23 PM



#42
1,2-Dichloroethane
Concen: 47.420 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	22.6





#43

Isopropyl Acetate

Concen: 48.169 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

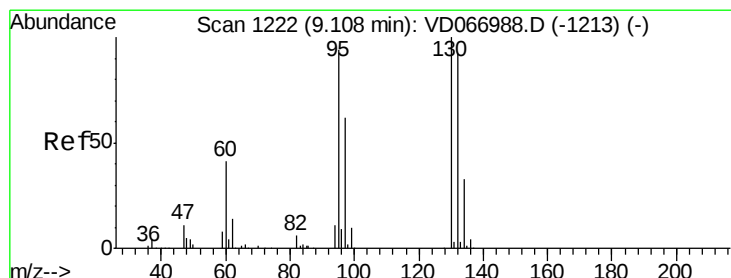
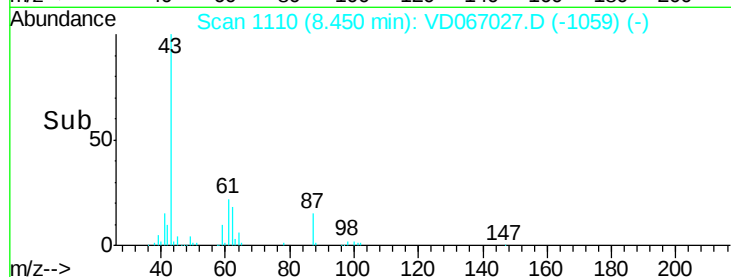
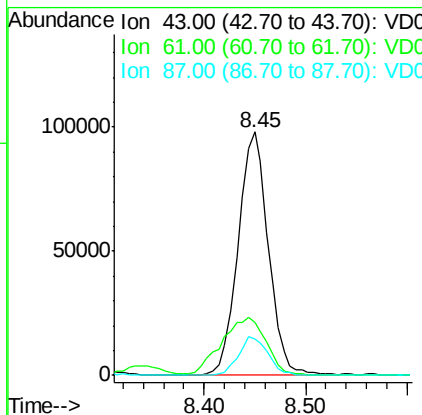
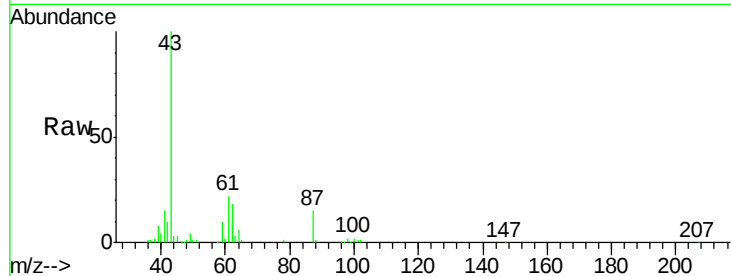
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	203178
Ion	Ratio	Lower	Upper
43	100		
61	34.7	27.1	40.7
87	15.5	12.3	18.5

Manual Integrations
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#44

Trichloroethene

Concen: 47.945 ug/l

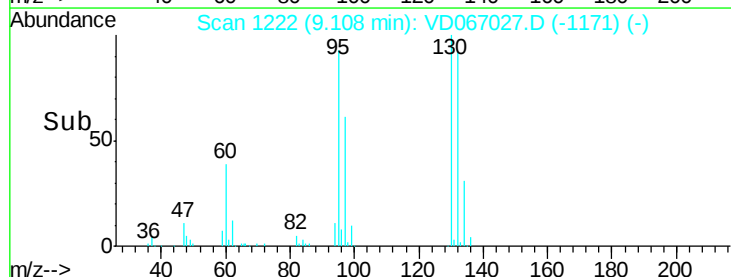
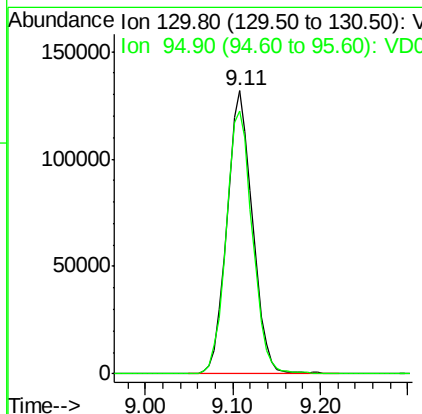
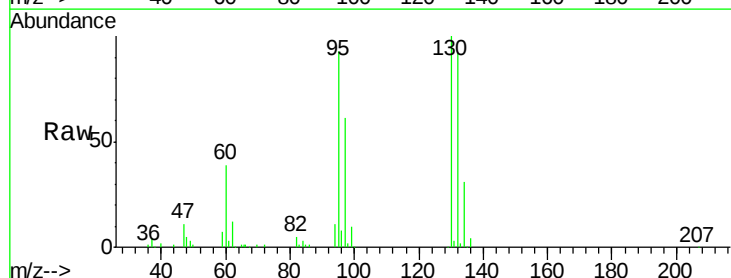
RT: 9.11 min Scan# 1222

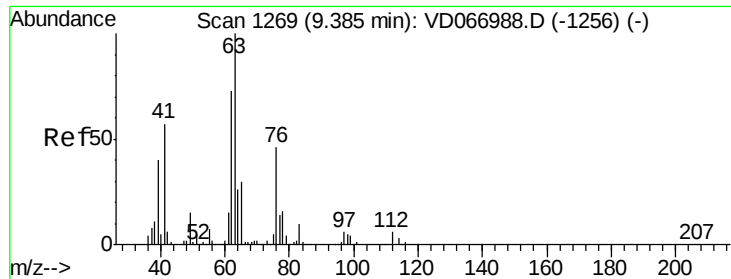
Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion:	130	Resp:	262825
Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	187.8





#45

1,2-Dichloropropane

Concen: 50.015 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 215732

Ion Ratio Lower Upper

63 100

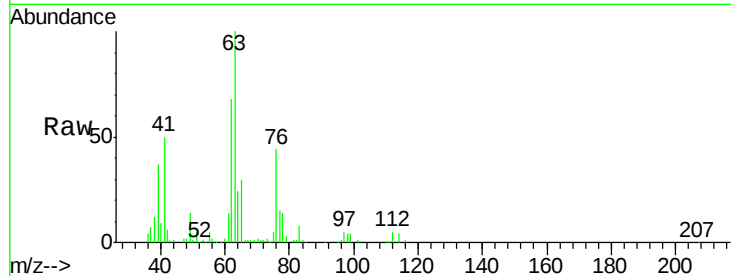
65 30.0 23.7 35.5

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

120000

100000

80000

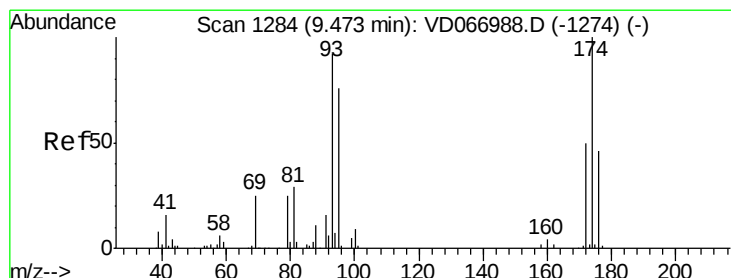
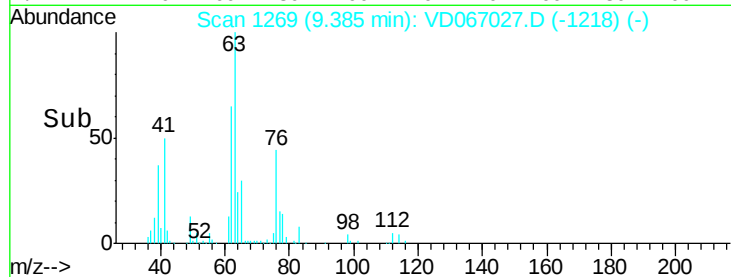
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 47.738 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

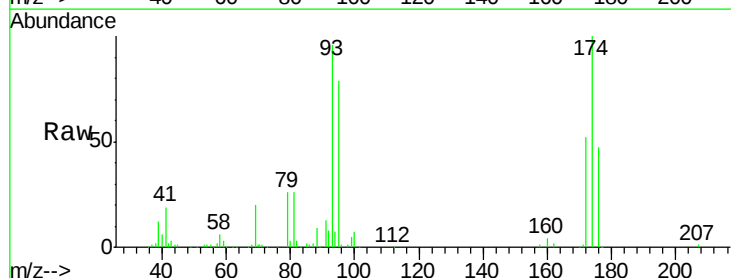
Tgt Ion: 93 Resp: 118349

Ion Ratio Lower Upper

93 100

95 85.5 64.7 97.1

174 106.1 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

80000

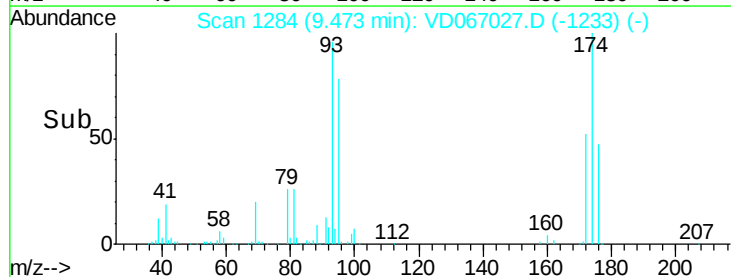
60000

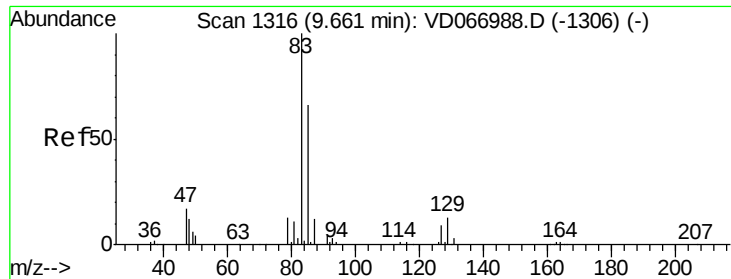
40000

20000

0

Time-->





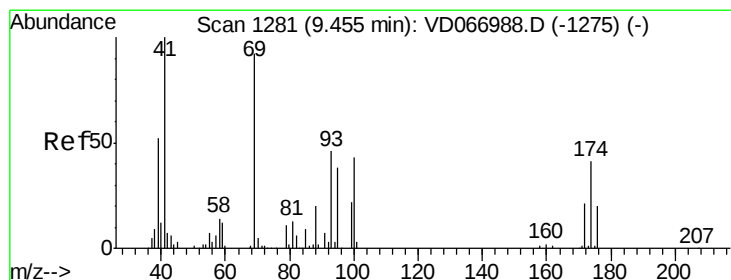
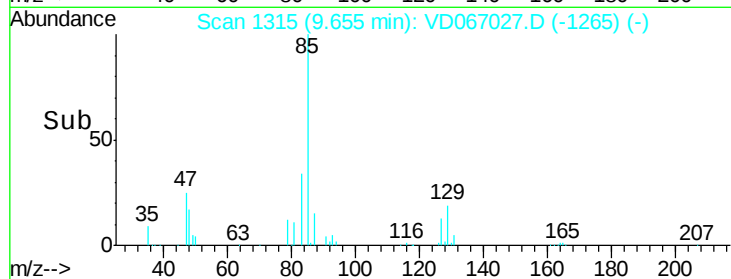
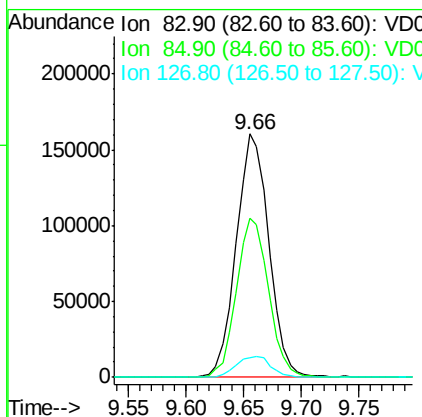
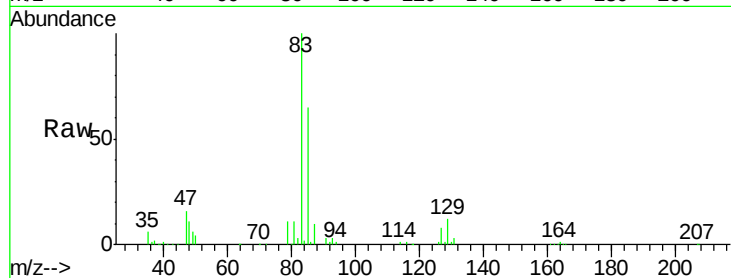
#47
Bromodichloromethane
Concen: 48.900 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	315127		
85	65.2	52.9	79.3	
127	8.1	7.3	10.9	

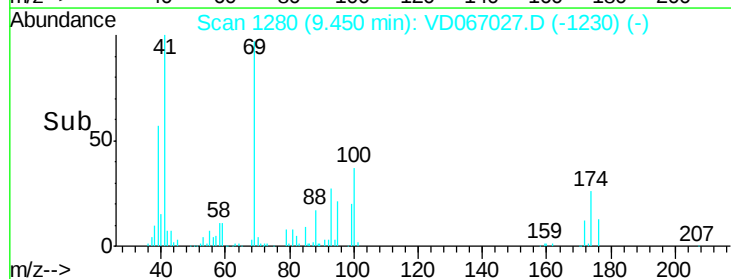
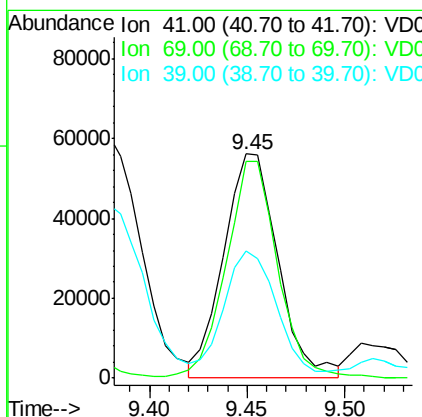
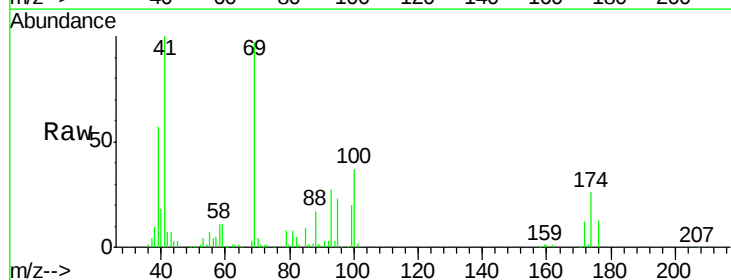
Manual Integrations
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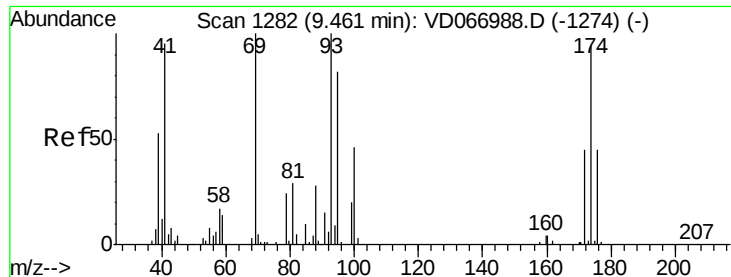
MMDadoda
10/5/2020 5:34:23 PM



#48
Methyl methacrylate
Concen: 50.051 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	108157		
69	91.8	68.5	102.7	
39	49.8	40.2	60.2	





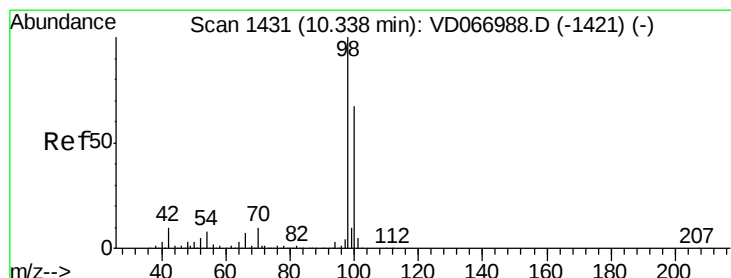
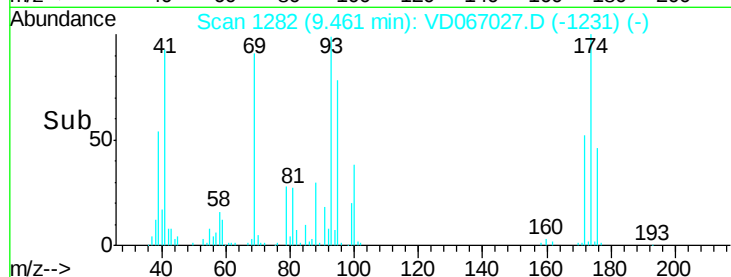
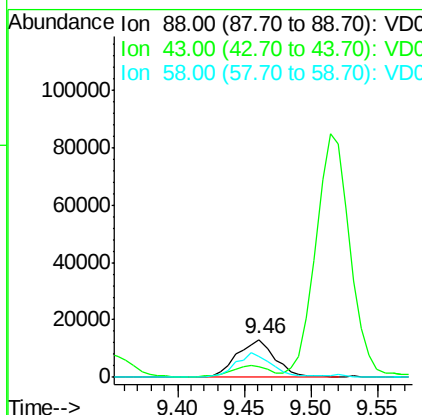
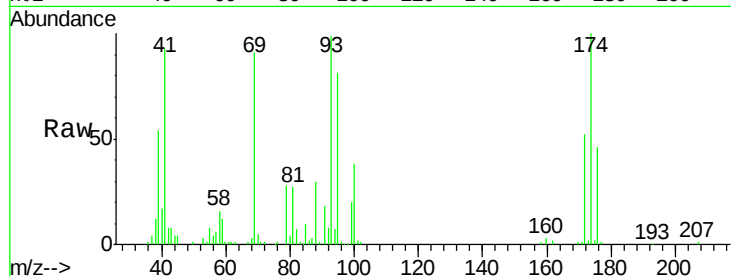
#49
 1,4-Dioxane
 Concen: 1015.611 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	26278
Ion Ratio	Lower	Upper	
88	100		
43	33.0	25.6	38.4
58	60.4	53.5	80.3

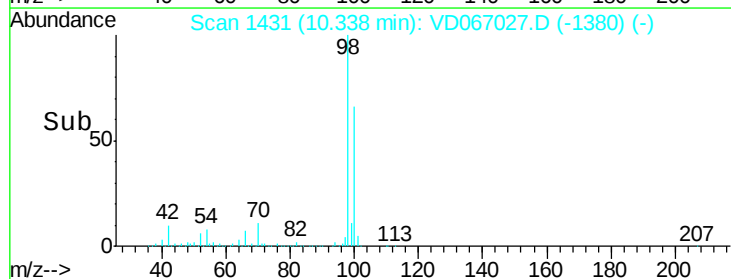
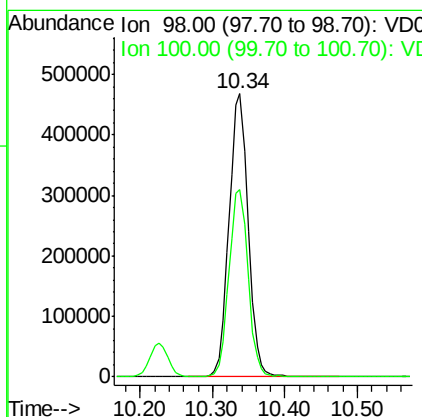
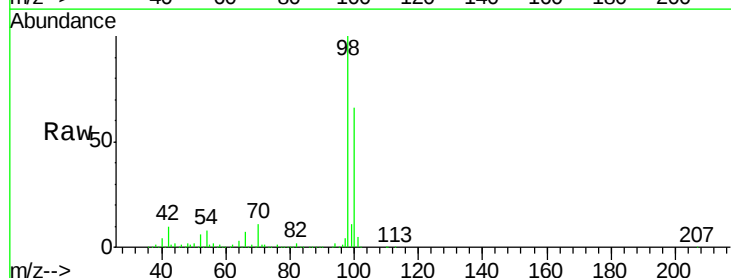
Manual Integrations
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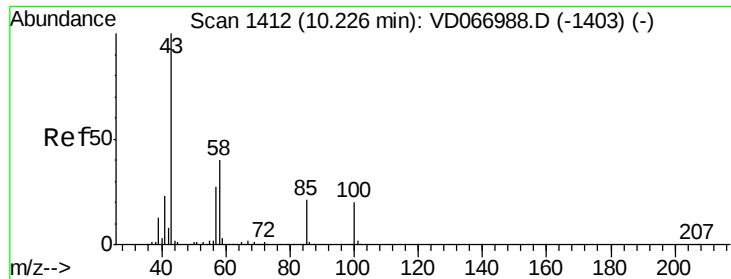
MMDadoda
 10/5/2020 5:34:23 PM



#50
 Toluene-d8
 Concen: 50.774 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion	98	Resp	858868
Ion Ratio	Lower	Upper	
98	100		
100	66.1	52.8	79.2





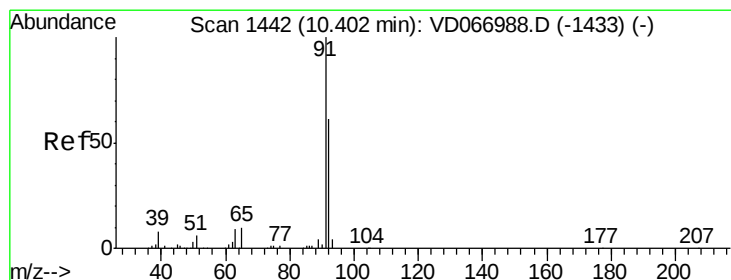
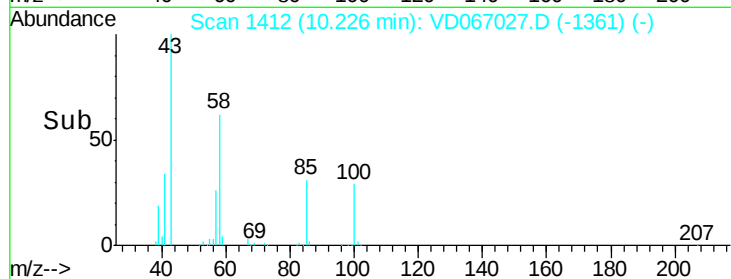
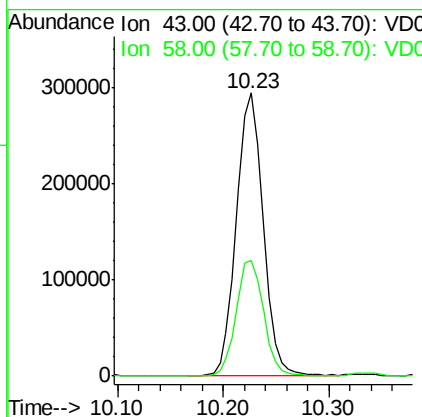
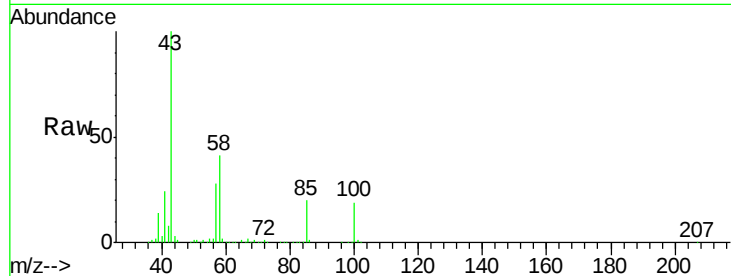
#51
4-Methyl-2-Pentanone
Concen: 247.074 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	519101
Ion Ratio	100	Lower	Upper
43	100		
58	41.6	33.8	50.8

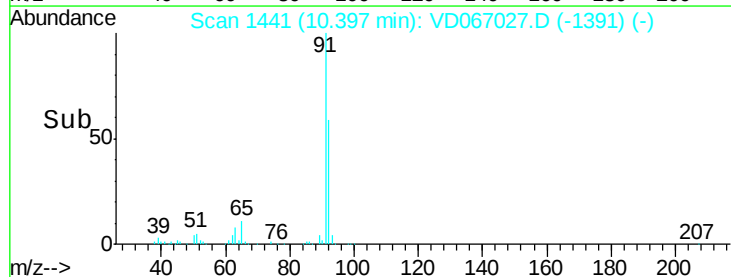
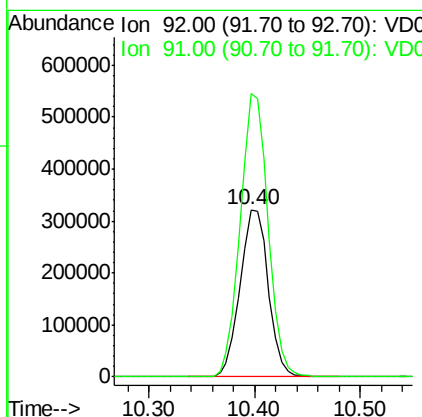
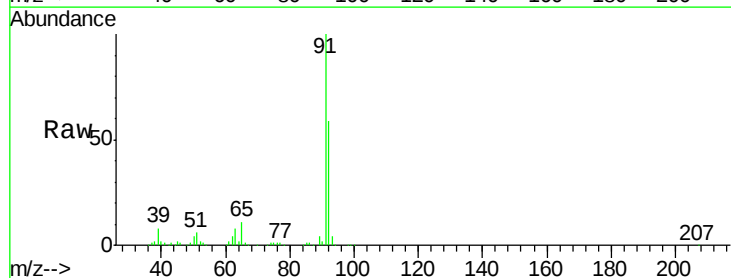
Manual Integrations
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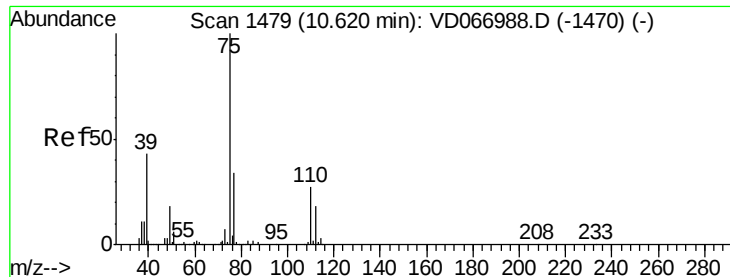
MMDadoda
10/5/2020 5:34:23 PM



#52
Toluene
Concen: 50.547 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	92	Resp	597752
Ion Ratio	100	Lower	Upper
92	100		
91	167.1	135.1	202.7





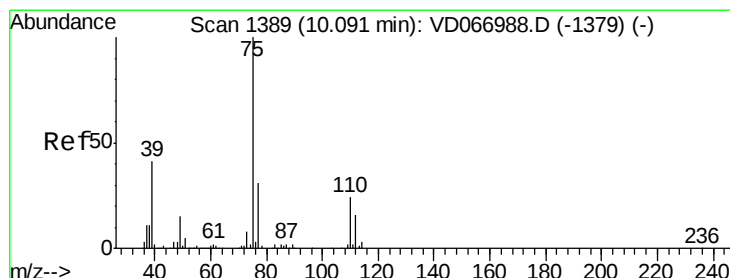
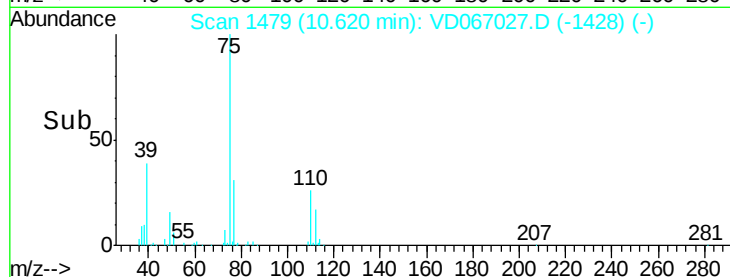
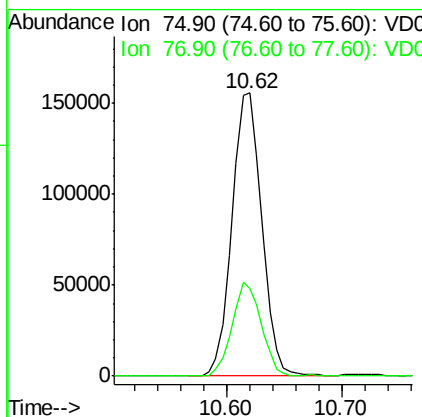
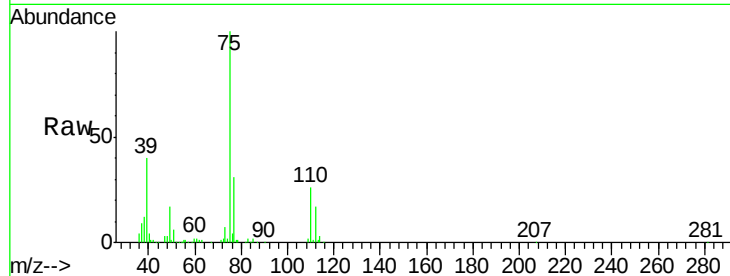
#53
t-1,3-Dichloropropene
Concen: 48.446 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	27.1	40.7

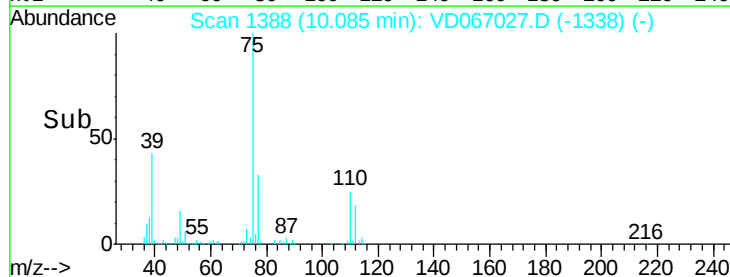
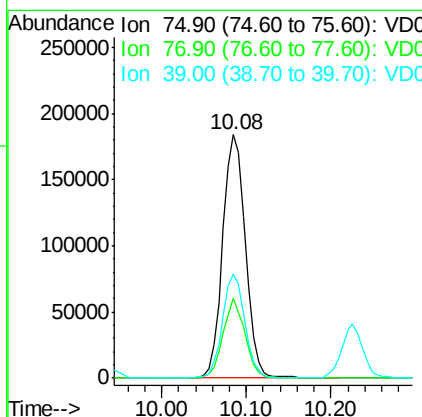
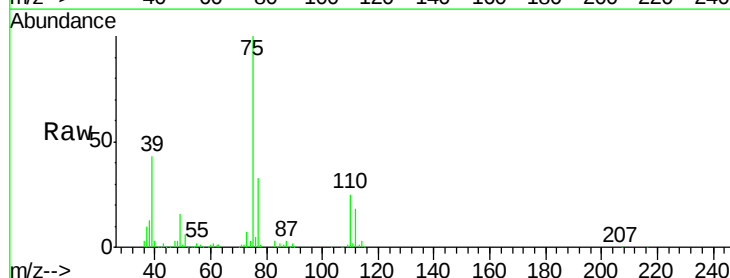
Manual Integrations
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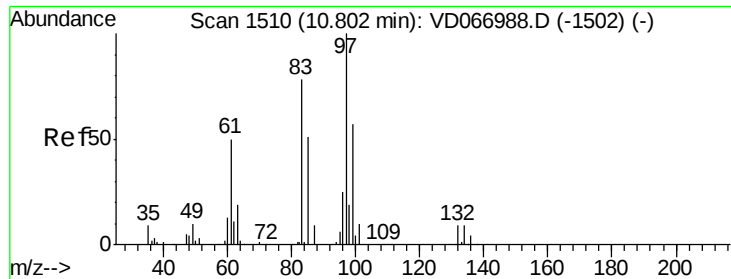
MMDadoda
10/5/2020 5:34:23 PM



#54
cis-1,3-Dichloropropene
Concen: 48.612 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.9	24.6	37.0
39	42.3	33.0	49.4





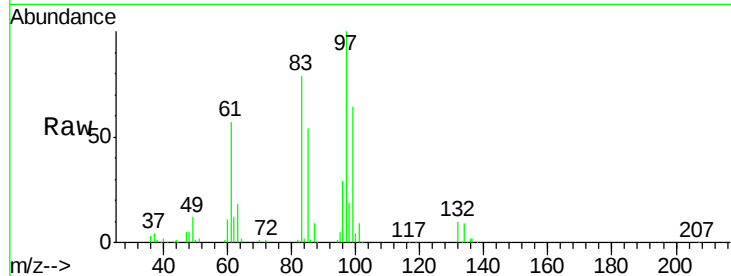
#55
 1,1,2-Trichloroethane
 Concen: 47.682 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

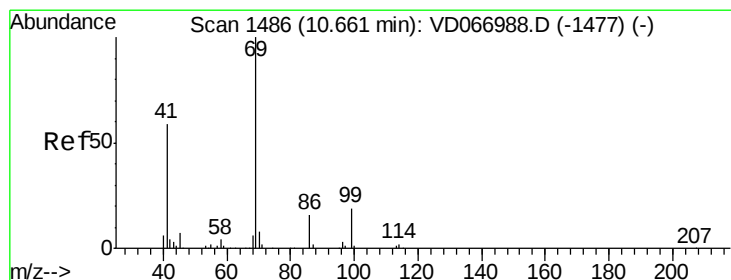
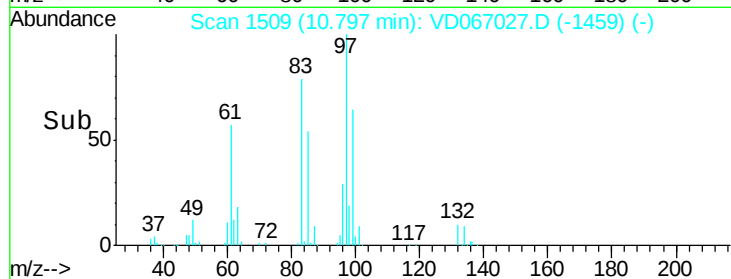
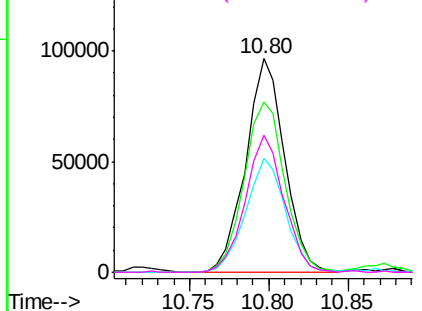
Tot Ion:	97	Resp:	164346
Ion	Ratio	Lower	Upper
97	100		
83	79.5	62.4	93.6
85	53.6	41.0	61.4
99	64.3	45.9	68.9

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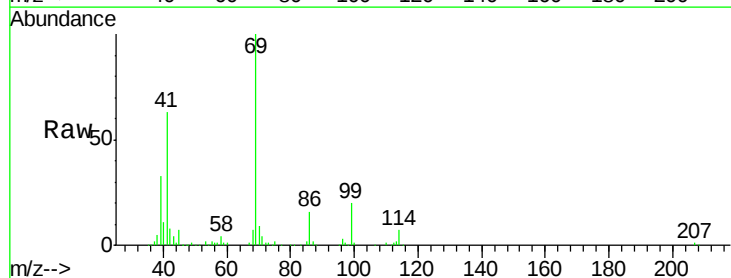


Abundance Ion 96.90 (96.60 to 97.60): VDC
 150000
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

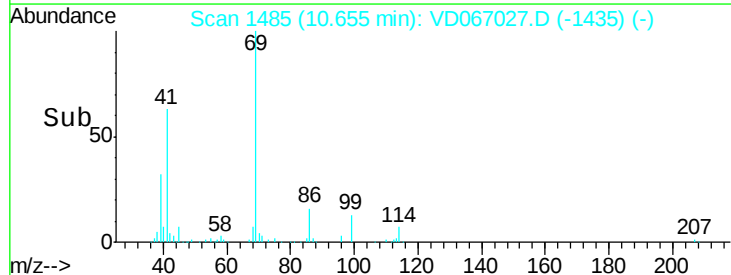
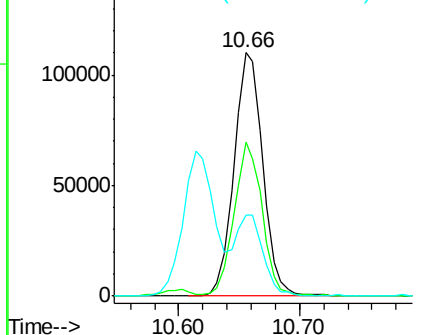


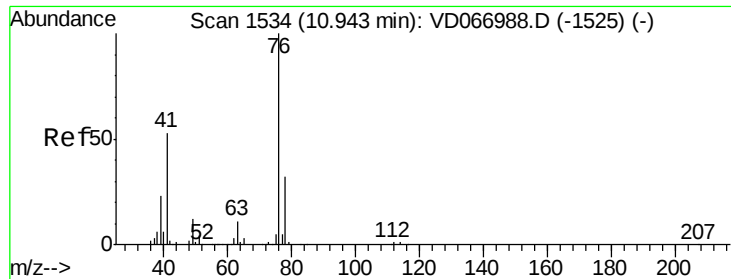
#56
 Ethyl methacrylate
 Concen: 51.368 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion:	69	Resp:	182793
Ion	Ratio	Lower	Upper
69	100		
41	61.1	46.4	69.6
39	29.6	23.8	35.6



Abundance Ion 69.00 (68.70 to 69.70): VDC
 150000
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 48.947 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 273576

Ion Ratio Lower Upper

76 100

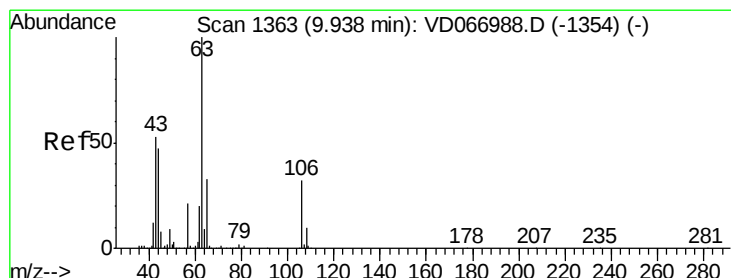
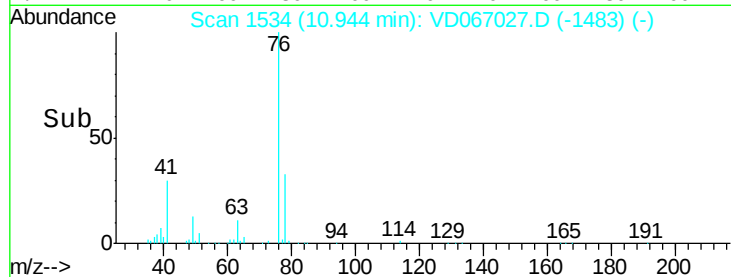
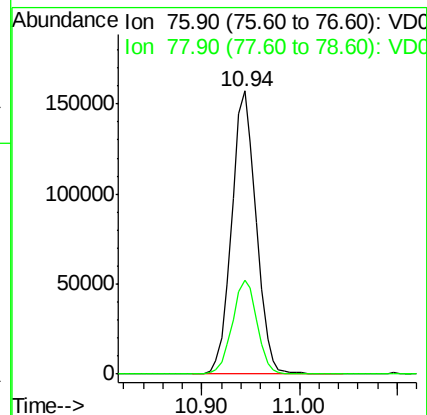
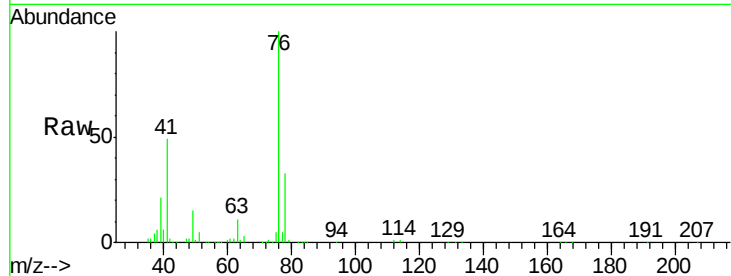
78 33.6 25.8 38.8

Manual Integrations

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10/5/2020 5:34:23 PM



#58

2-Chloroethyl Vinyl ether

Concen: 264.575 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067027.D

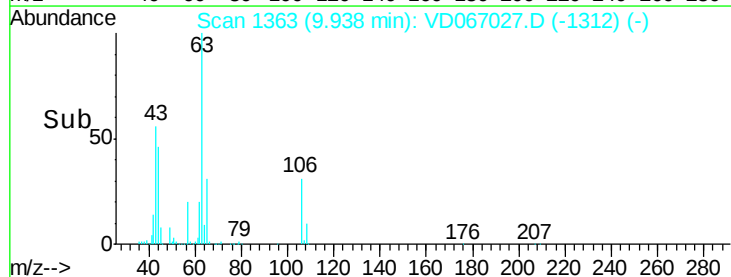
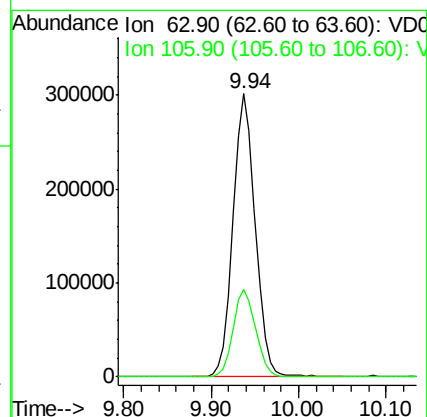
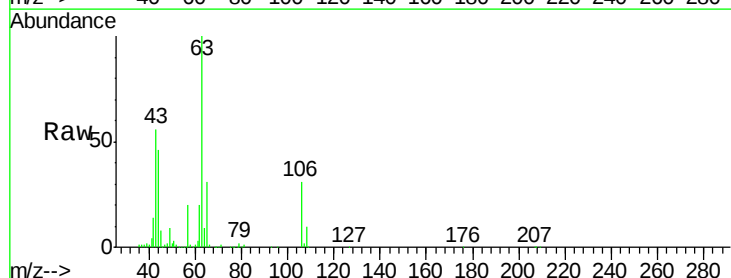
Acq: 02 Oct 2020 11:18

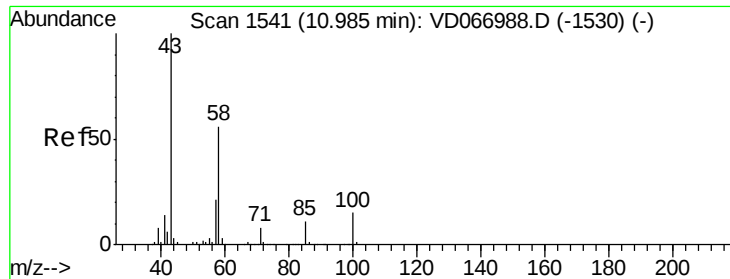
Tgt Ion: 63 Resp: 524022

Ion Ratio Lower Upper

63 100

106 31.2 25.3 37.9





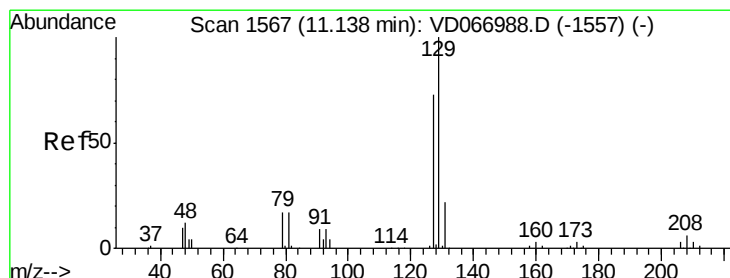
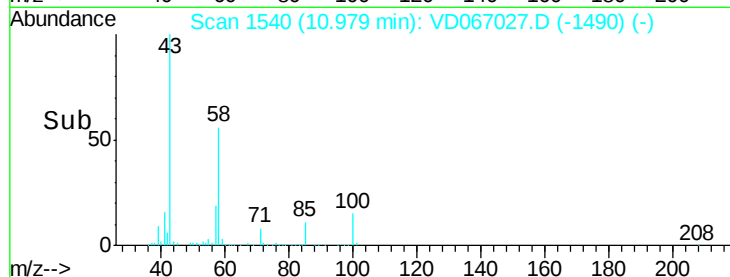
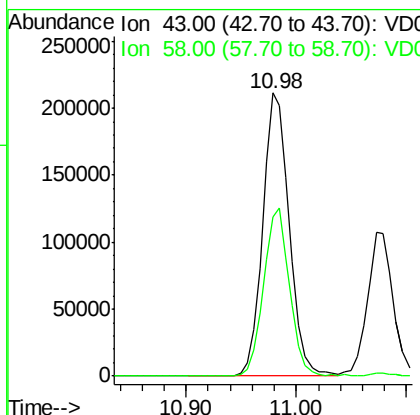
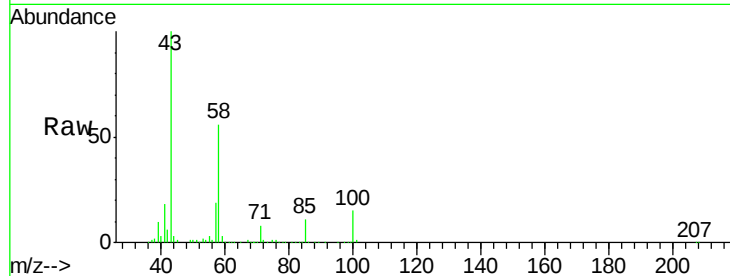
#59
2-Hexanone
Concen: 253.469 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 355437
Ion Ratio Lower Upper
43 100
58 58.2 28.3 84.9

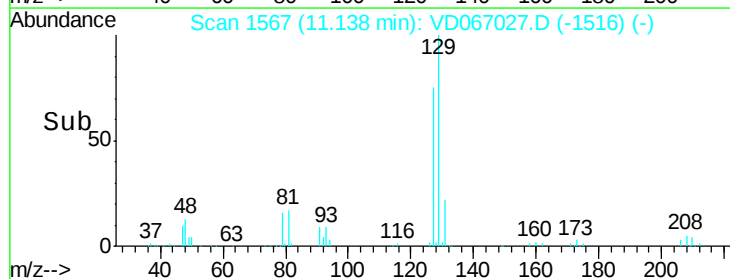
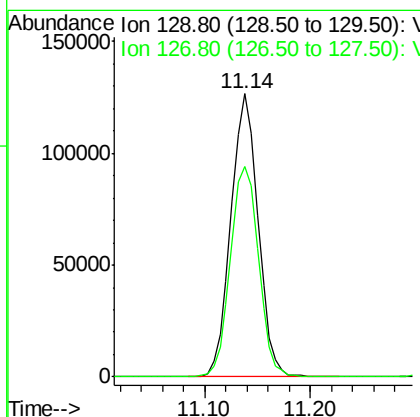
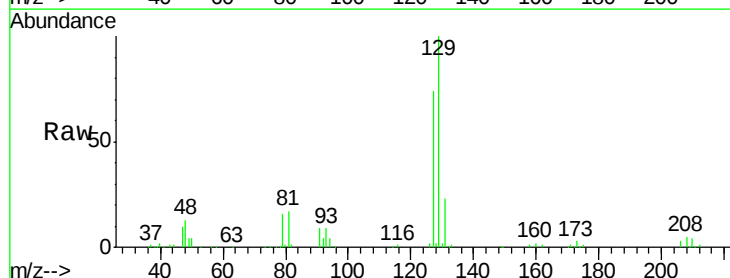
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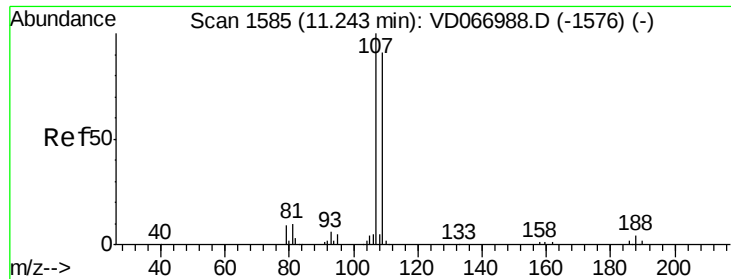
MMDadoda
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#60
Dibromochloromethane
Concen: 48.985 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion: 129 Resp: 225032
Ion Ratio Lower Upper
129 100
127 77.1 37.4 112.1





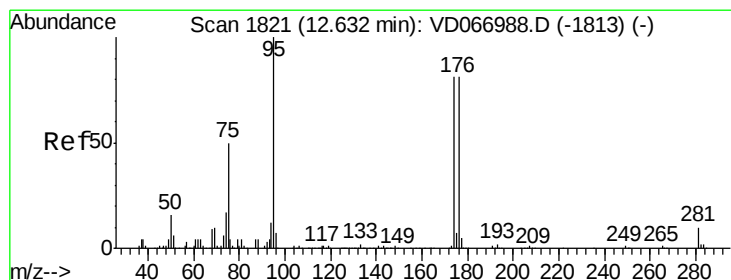
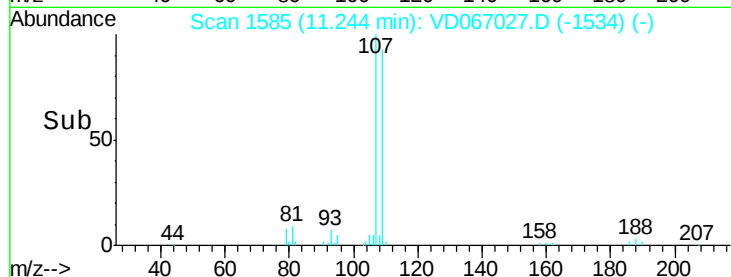
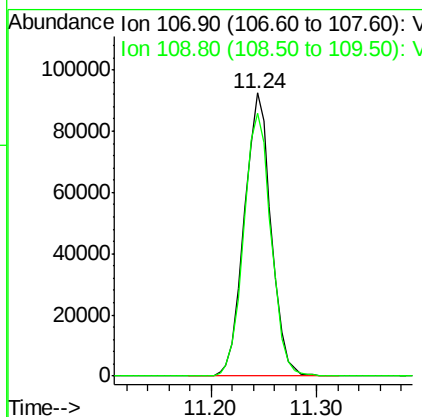
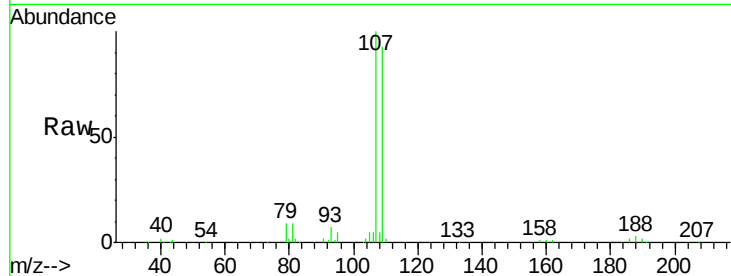
#61
 1,2-Dibromoethane
 Concen: 49.244 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	74.0	111.0

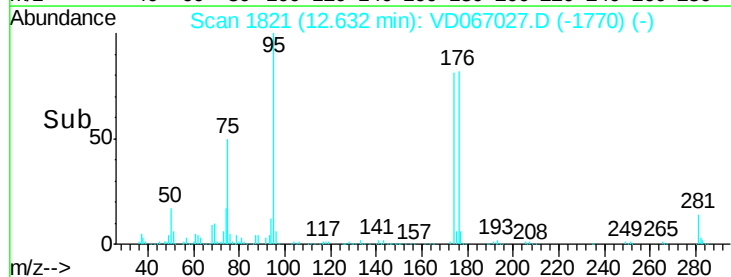
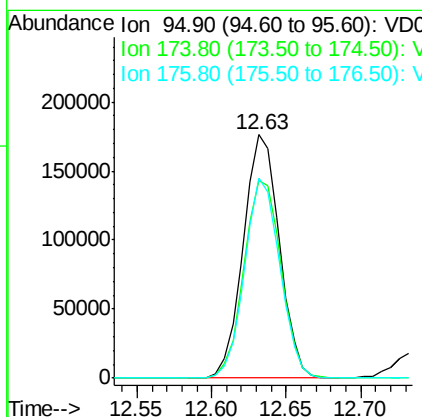
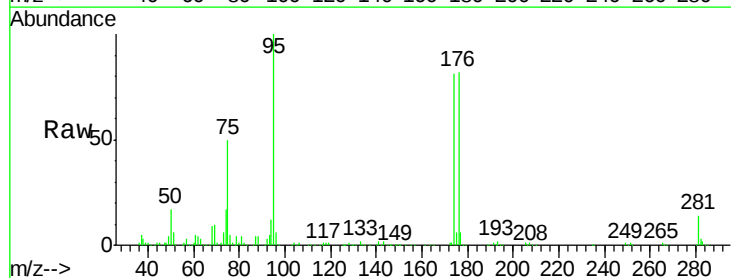
Manual Integrations
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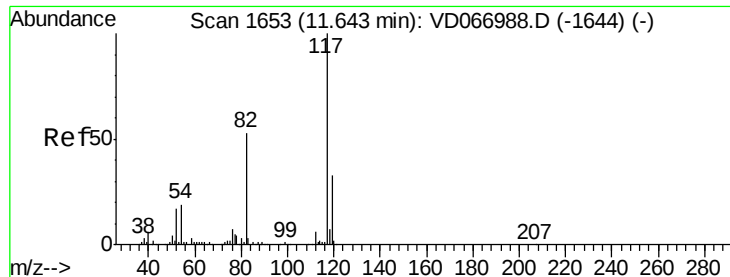
MMDadoda
 10/5/2020 5:34:23 PM



#62
 4-Bromofluorobenzene
 Concen: 51.312 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	167.6
176	80.3	0.0	162.4





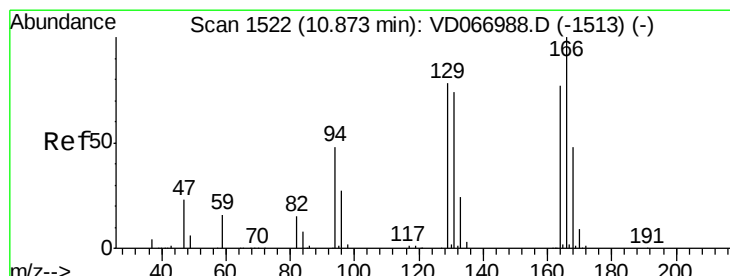
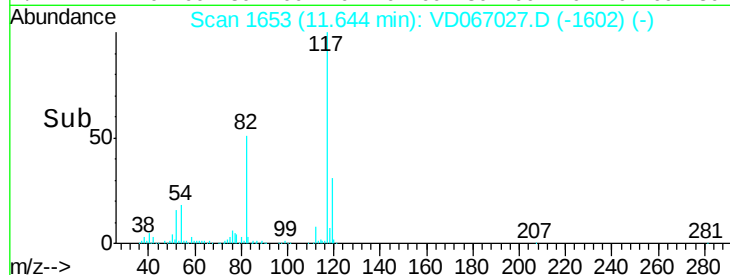
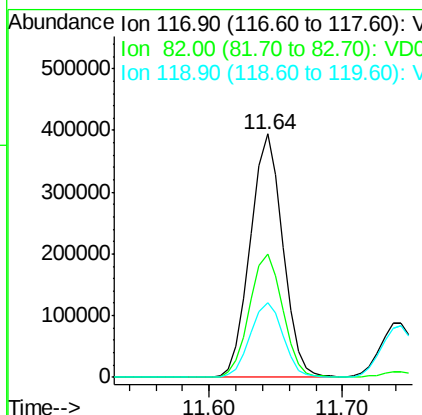
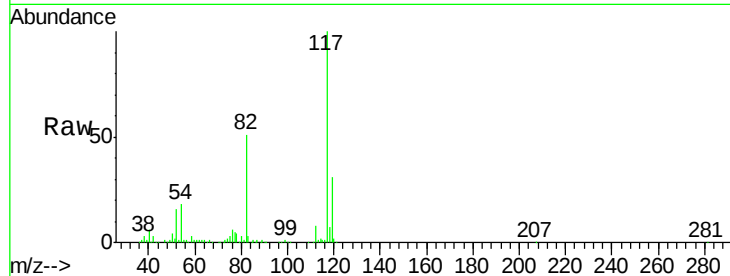
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.6	63.8
119	30.7	26.3	39.5

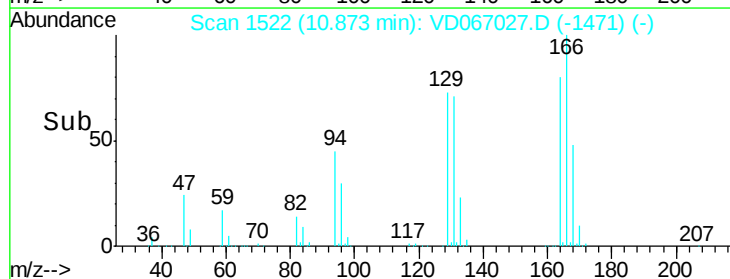
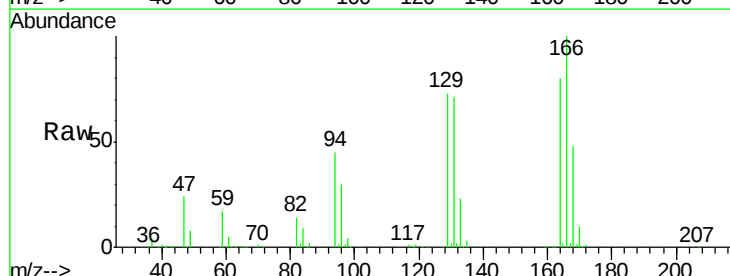
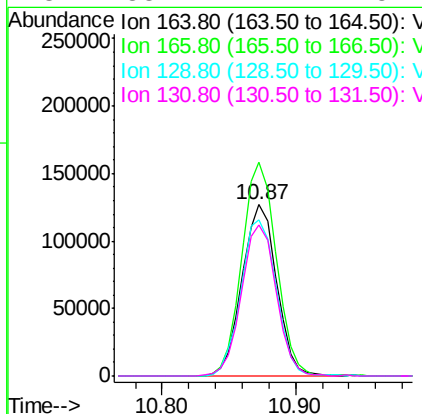
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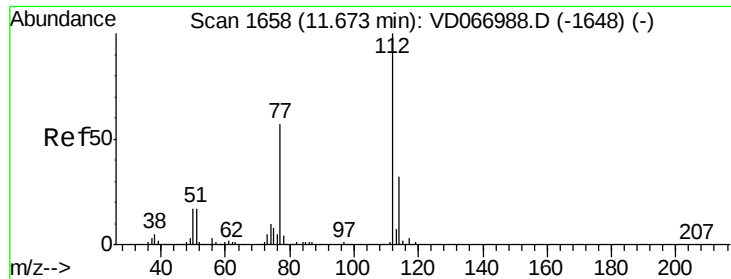
MMDadoda
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#64
Tetrachloroethene
Concen: 46.989 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	104.4	156.6
129	90.9	81.3	121.9
131	88.2	77.1	115.7





#65

Chlorobenzene

Concen: 47.387 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 625832

Ion Ratio Lower Upper

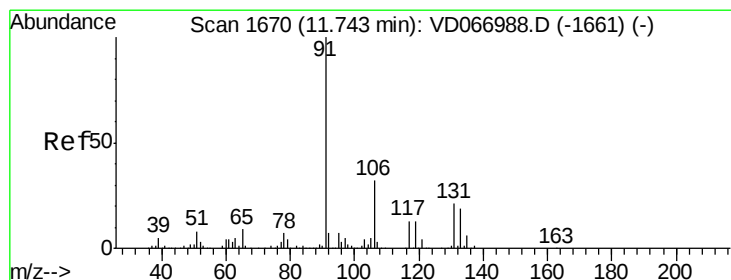
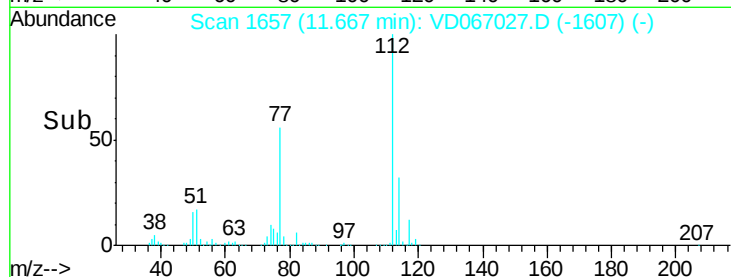
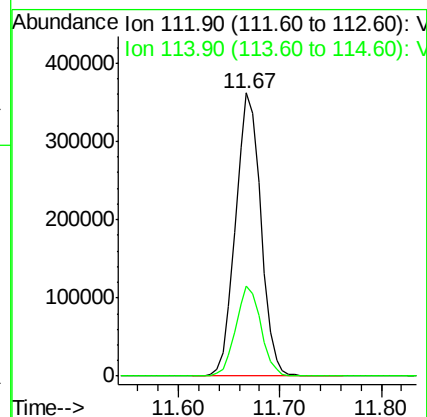
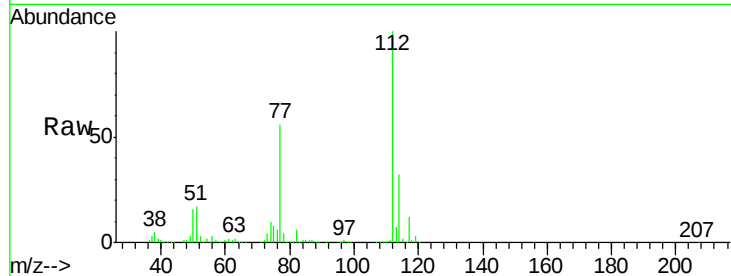
112 100

114 31.9 25.4 38.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 46.825 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

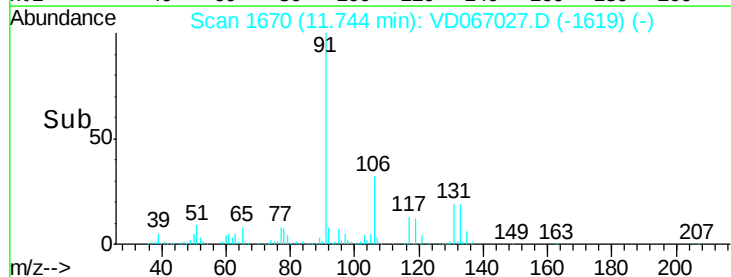
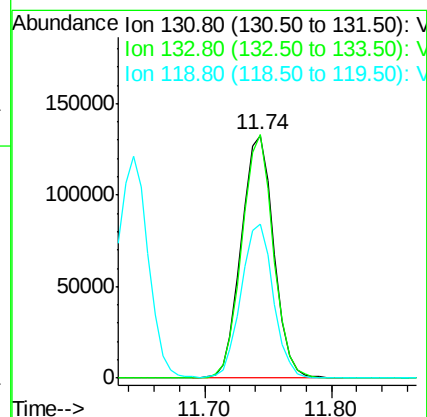
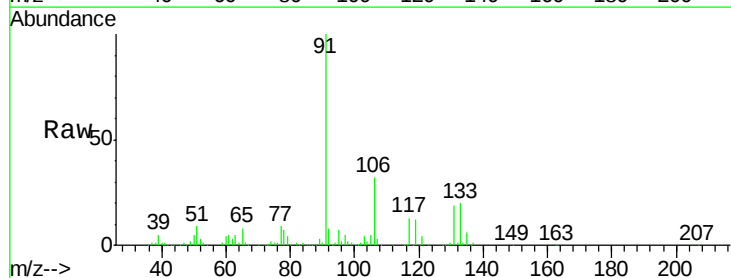
Tgt Ion:131 Resp: 235236

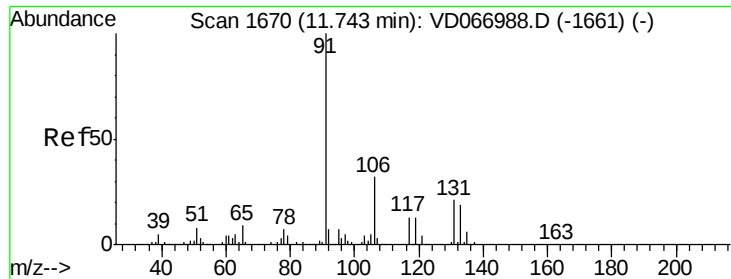
Ion Ratio Lower Upper

131 100

133 97.6 47.8 143.3

119 63.1 32.3 96.8





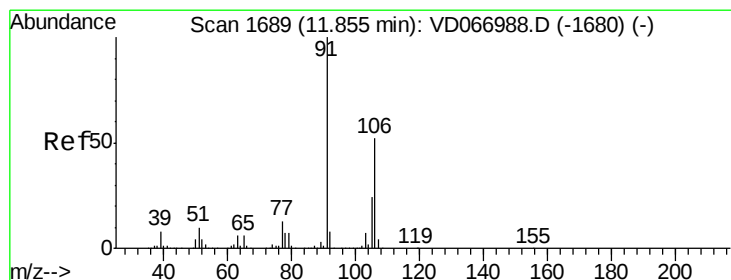
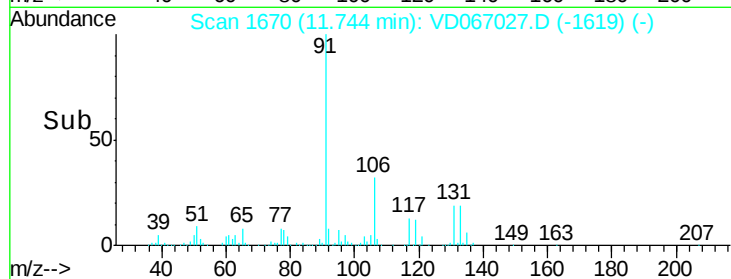
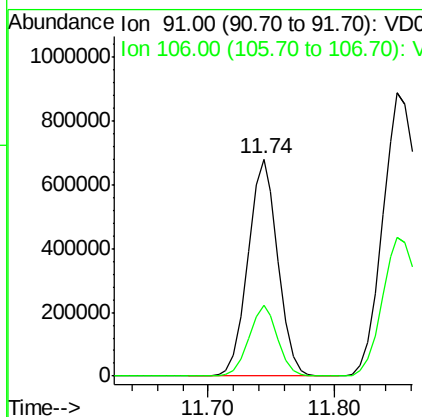
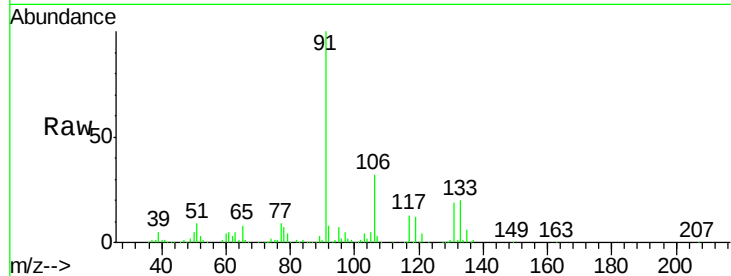
#67
Ethyl Benzene
Concen: 49.101 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1111099
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2

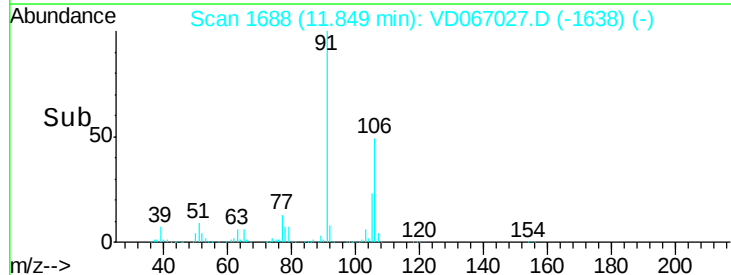
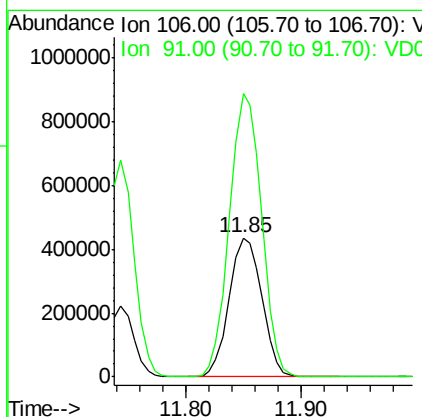
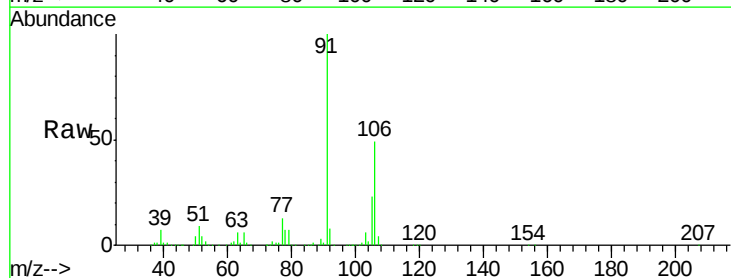
Manual Integrations
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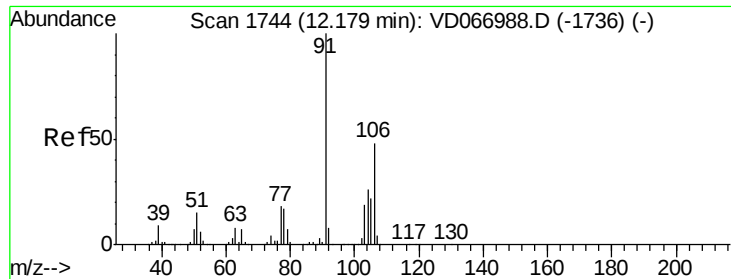
MMDadoda
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#68
m/p-Xylenes
Concen: 97.339 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion: 106 Resp: 858412
Ion Ratio Lower Upper
106 100
91 199.8 158.4 237.6





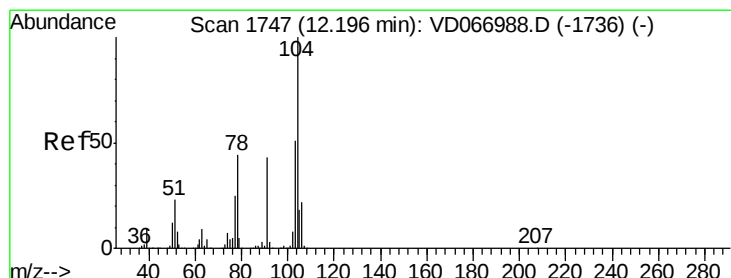
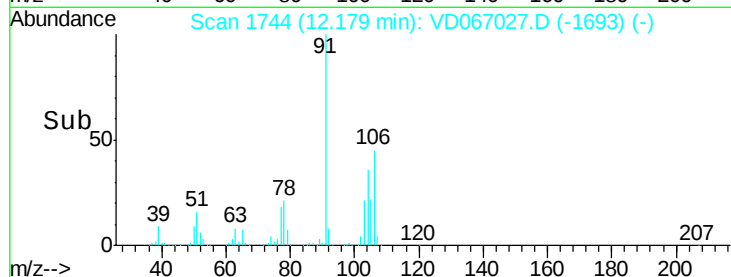
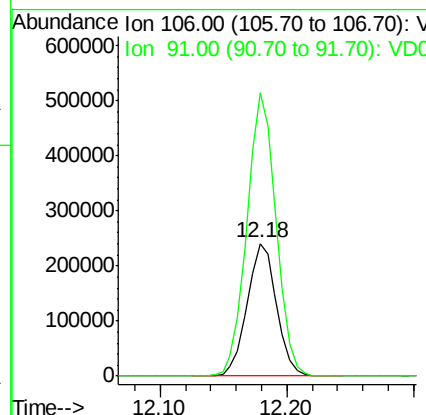
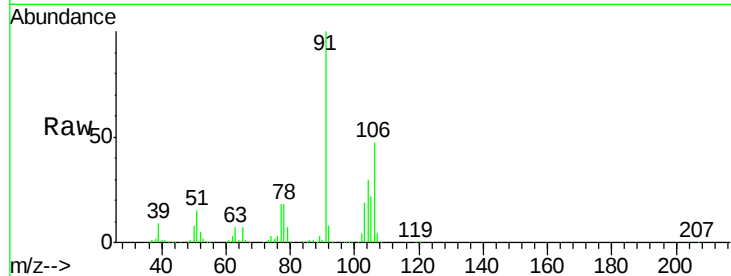
#69
o-Xylene
Concen: 49.026 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	386632		
91	211.9	102.4	307.2	

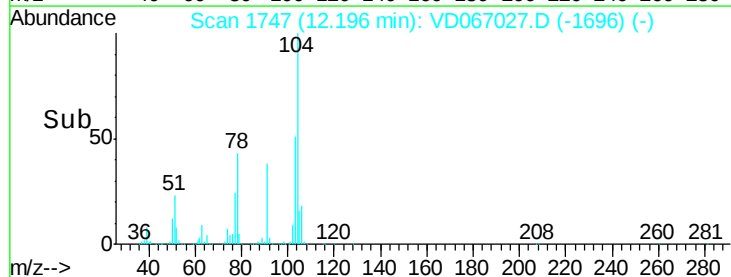
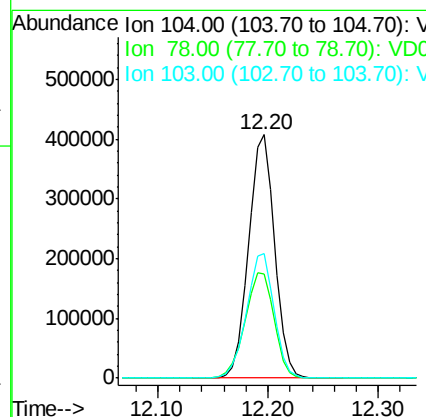
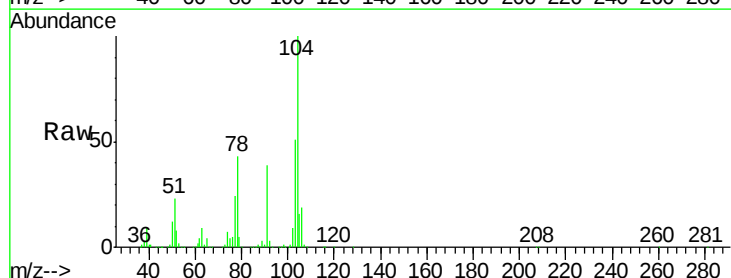
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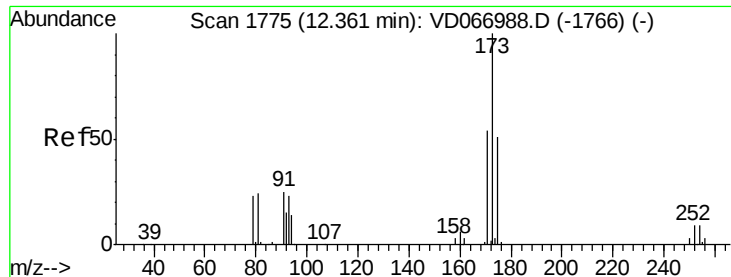
MMDadoda
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#70
Styrene
Concen: 50.033 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	677541		
78	48.4	38.6	58.0	
103	54.2	43.4	65.0	





#71

Bromoform

Concen: 47.874 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

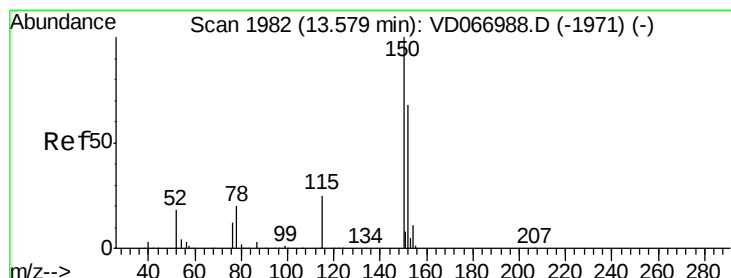
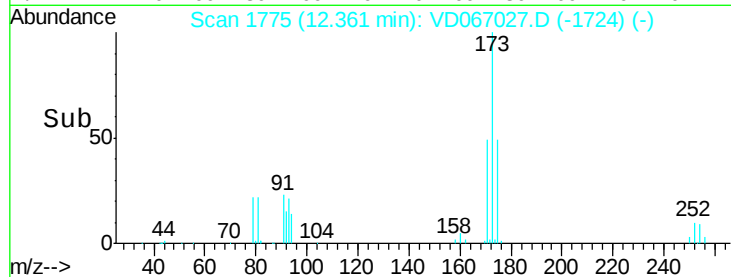
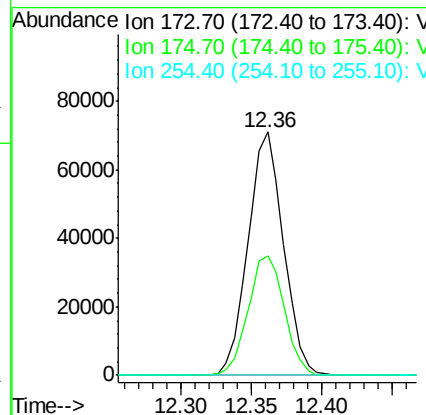
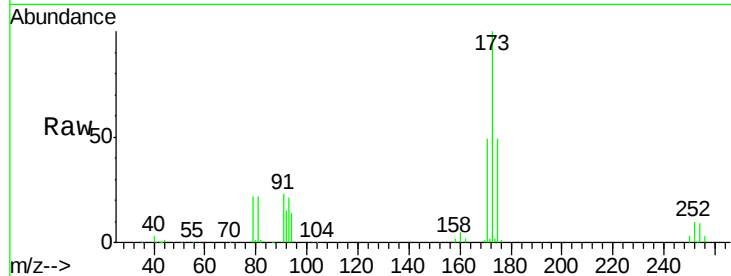
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.9	74.7
254	0.0	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

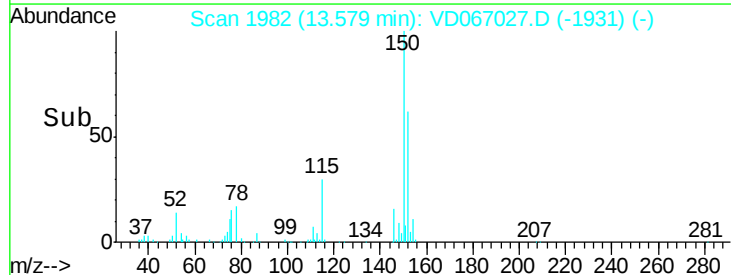
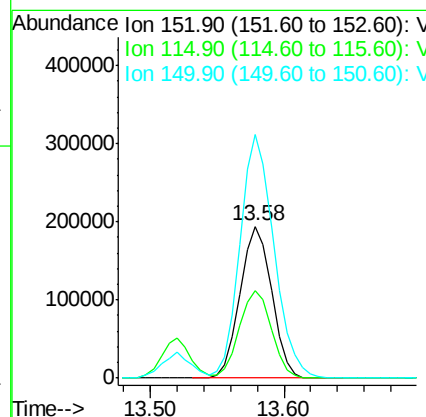
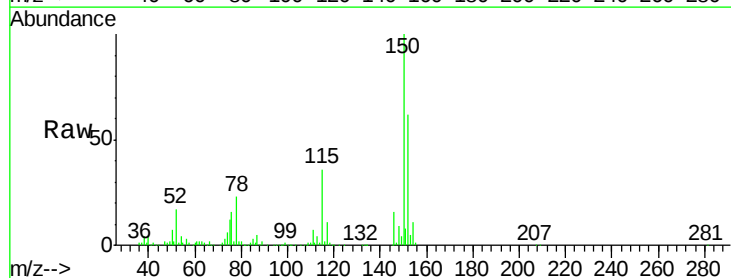
RT: 13.58 min Scan# 1982

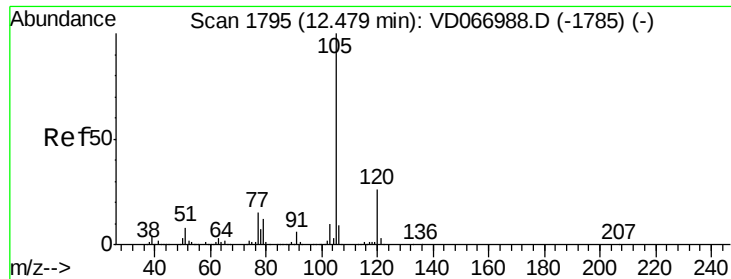
Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.6	88.8
150	172.2	0.0	344.8





#73

Isopropylbenzene

Concen: 50.118 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1086383

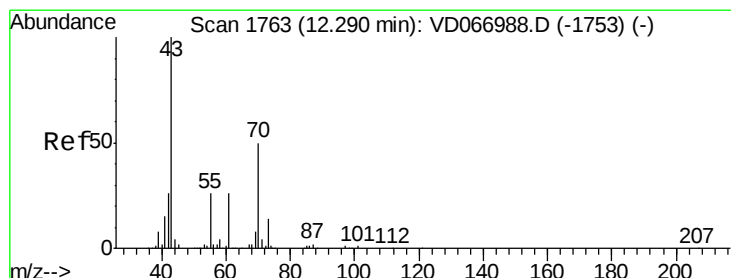
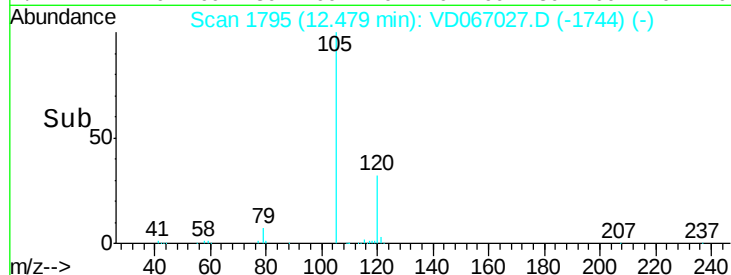
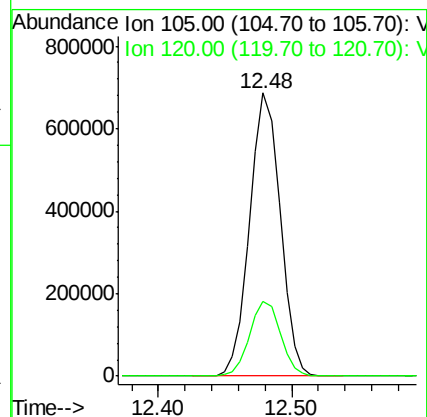
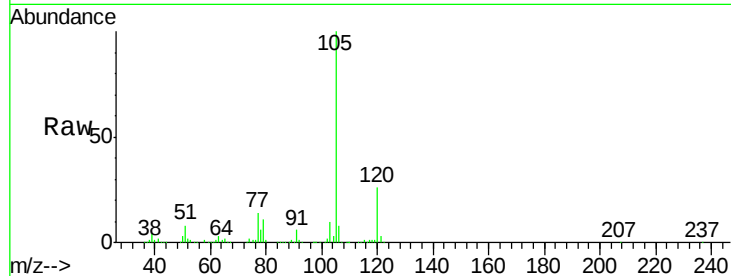
Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9

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#74

N-ethyl acetate

Concen: 48.845 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion: 43 Resp: 190337

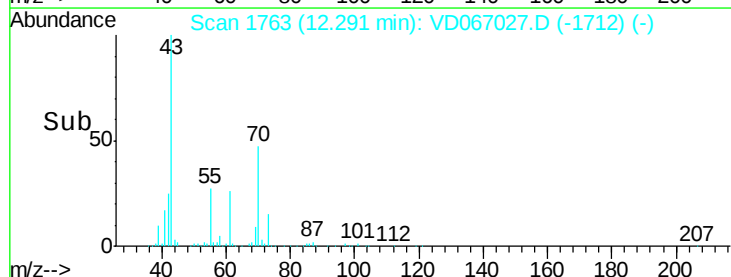
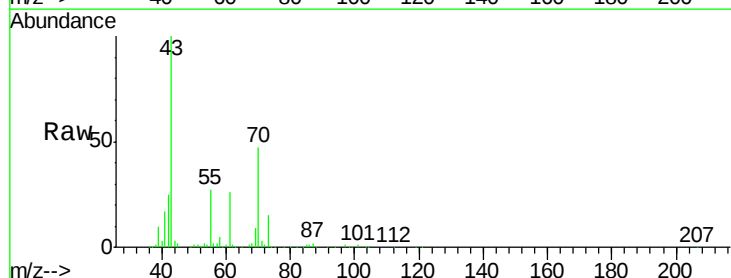
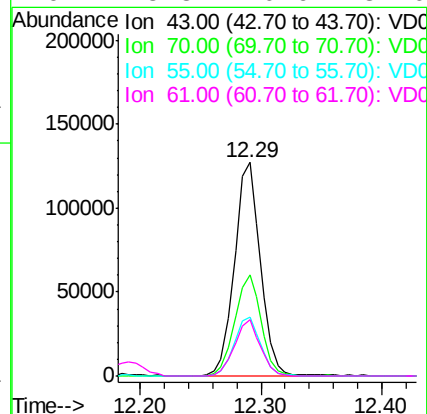
Ion Ratio Lower Upper

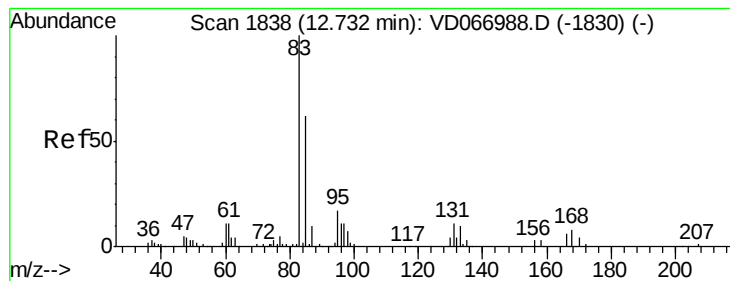
43 100

70 48.0 38.2 57.2

55 28.4 22.4 33.6

61 25.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.090 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

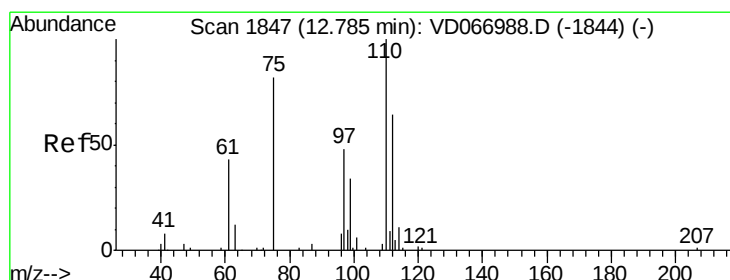
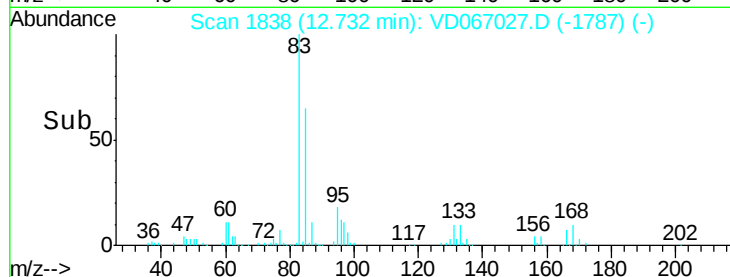
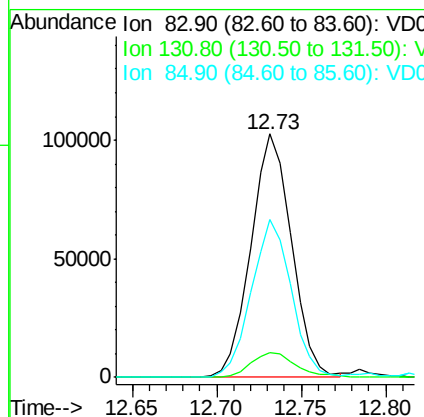
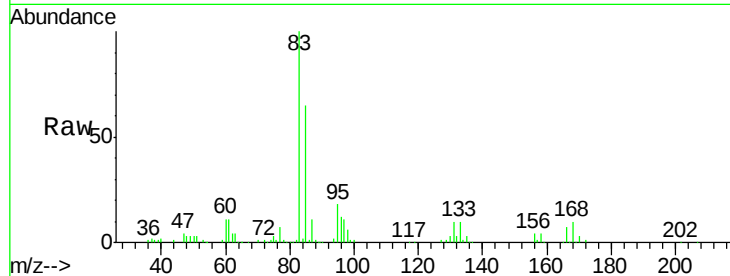
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	171981
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.7	17.0
85	63.6	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 40.820 ug/l m

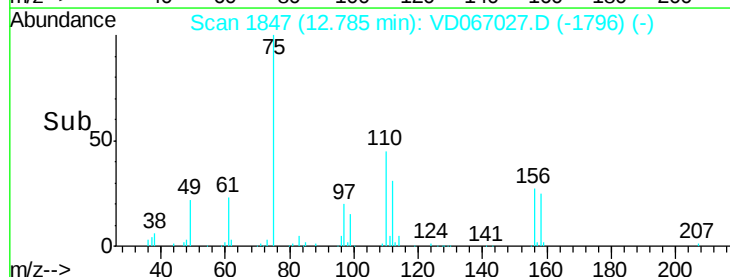
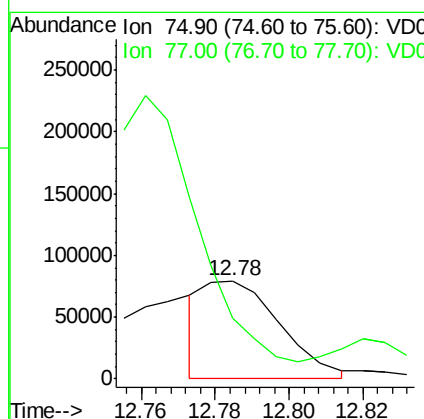
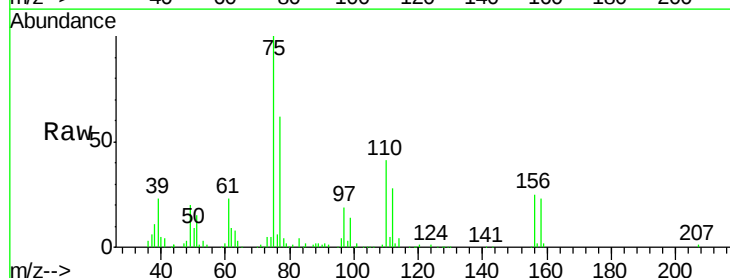
RT: 12.78 min Scan# 1847

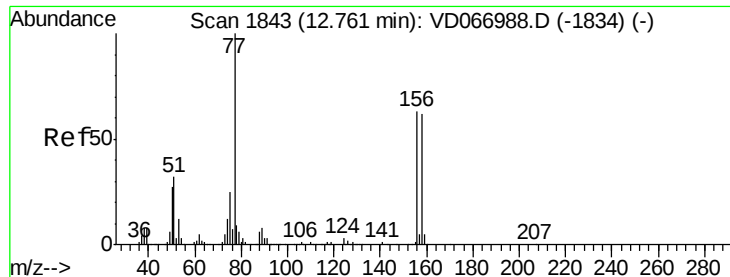
Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion:	75	Resp:	113506
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.135 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

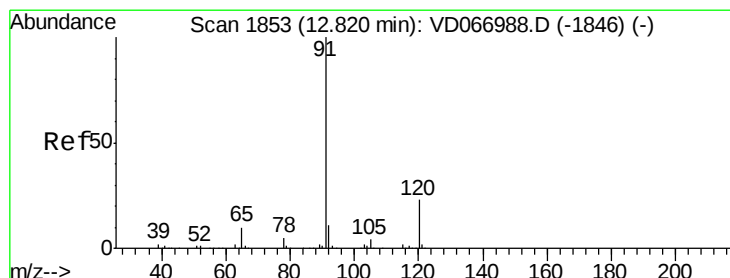
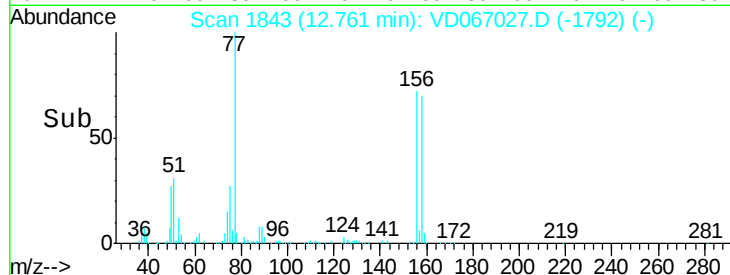
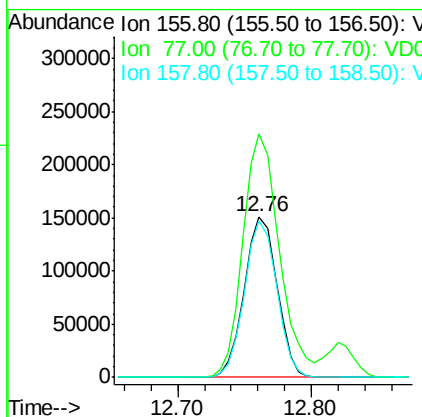
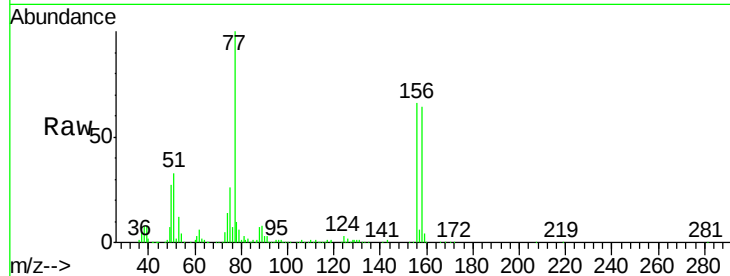
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	257177
Ion Ratio	Lower	Upper	
156	100		
77	168.0	86.3	258.8
158	95.9	49.5	148.3

Manual Integrations
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#78

n-propylbenzene

Concen: 49.616 ug/l

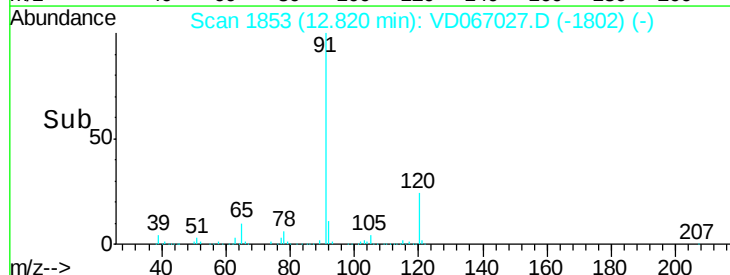
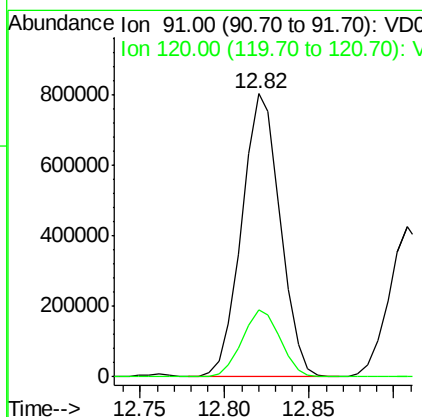
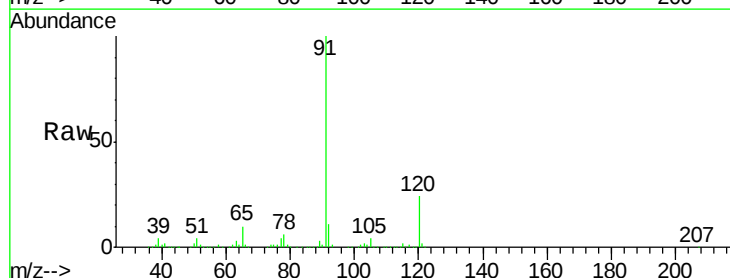
RT: 12.82 min Scan# 1853

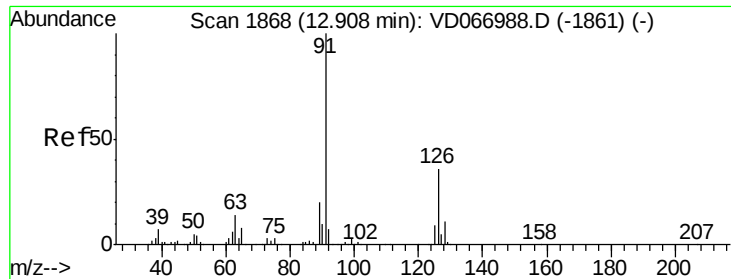
Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion:	91	Resp:	1271062
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.6	34.8





#79

2-Chlorotoluene

Concen: 48.437 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 709958

Ion Ratio Lower Upper

91 100

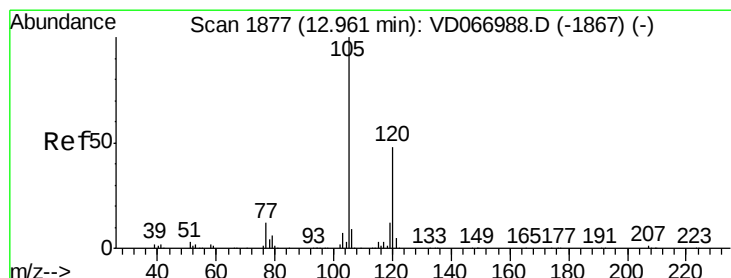
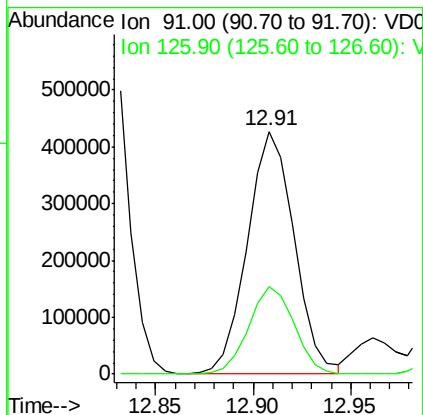
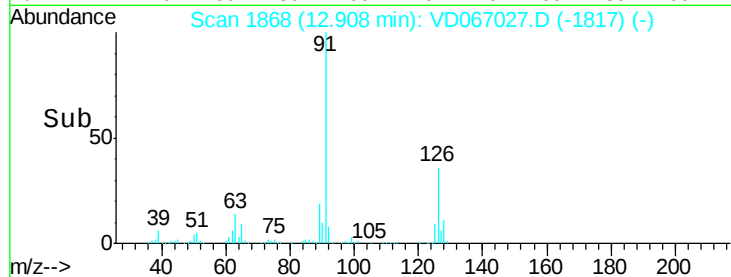
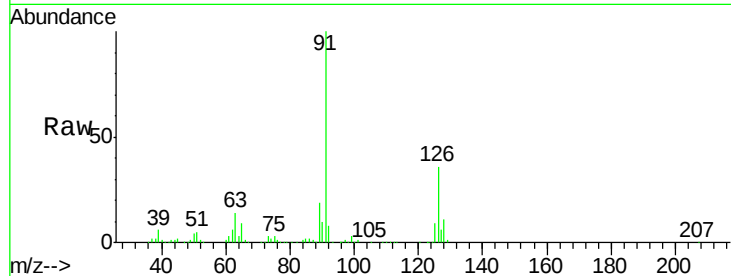
126 35.3 17.5 52.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.681 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067027.D

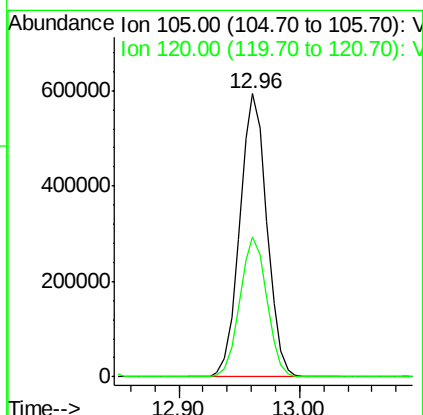
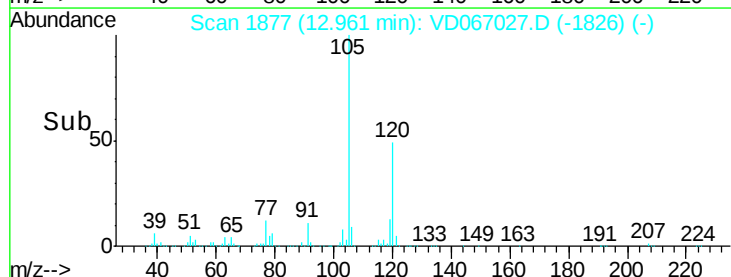
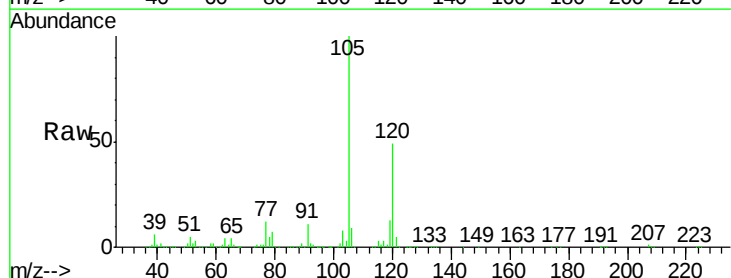
Acq: 02 Oct 2020 11:18

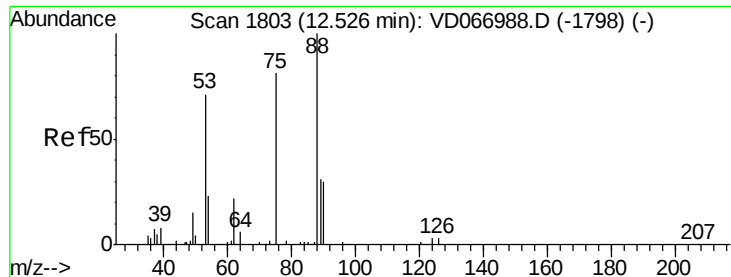
Tgt Ion: 105 Resp: 928190

Ion Ratio Lower Upper

105 100

120 49.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.098 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

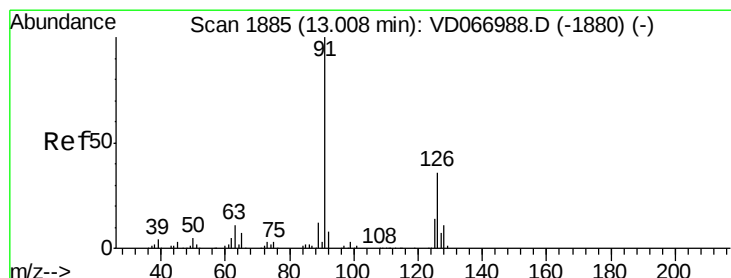
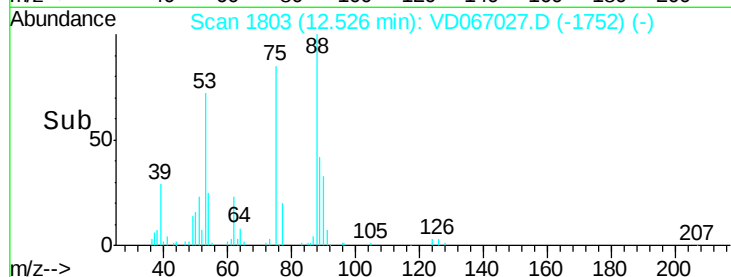
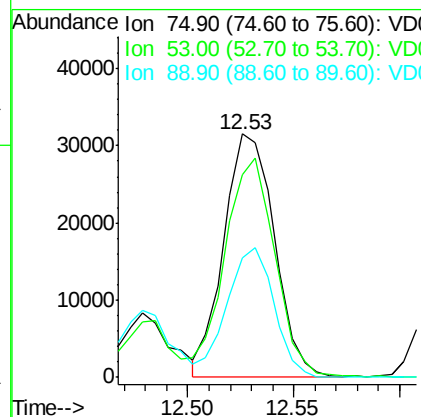
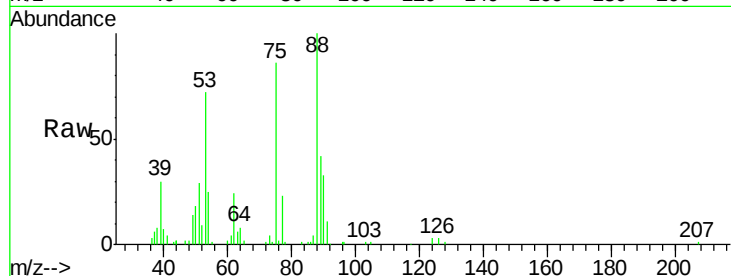
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	52530
Ion	Ratio	Lower	Upper
75	100		
53	90.5	73.8	110.6
89	49.4	38.9	58.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.954 ug/l

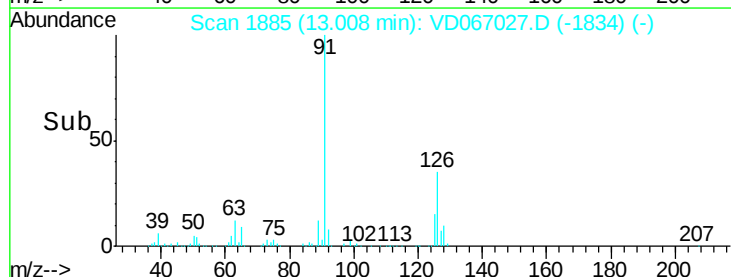
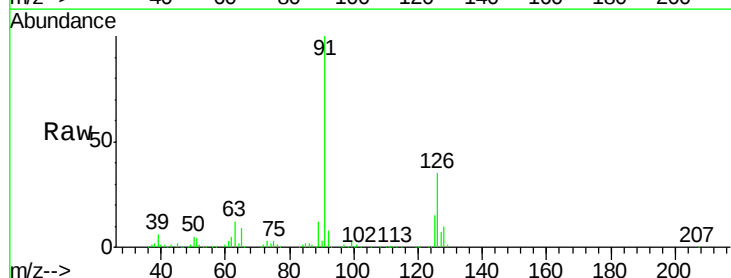
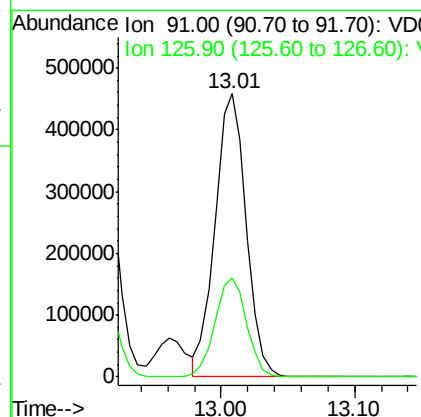
RT: 13.01 min Scan# 1885

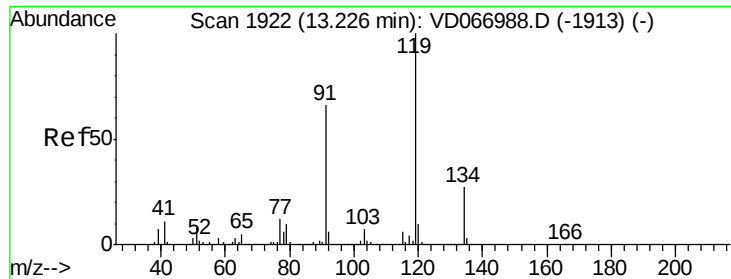
Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion:	91	Resp:	747817
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.5	52.5





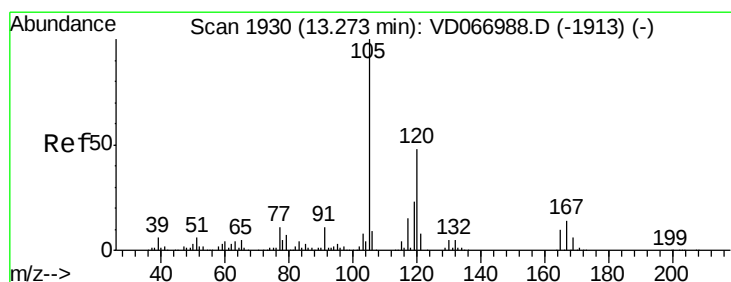
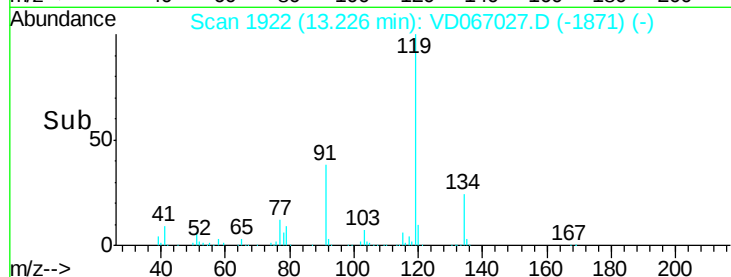
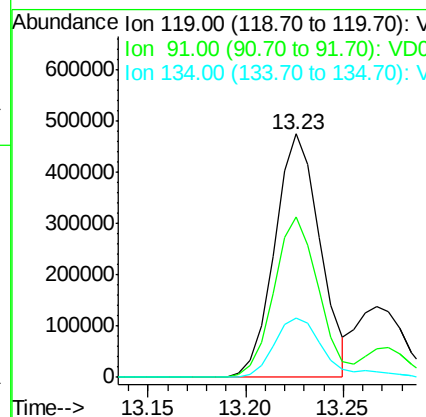
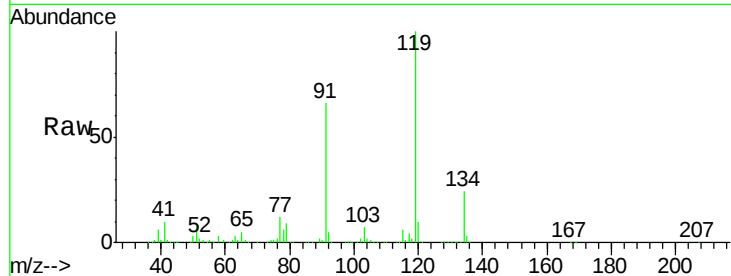
#83
tert-Butylbenzene
Concen: 49.394 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.2	32.8	98.3
134	27.2	13.9	41.7

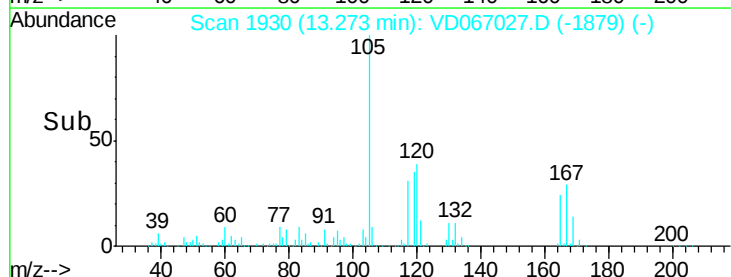
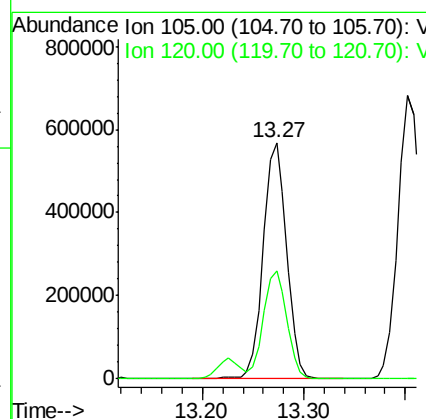
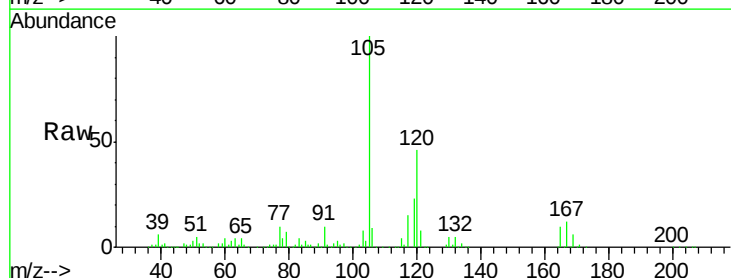
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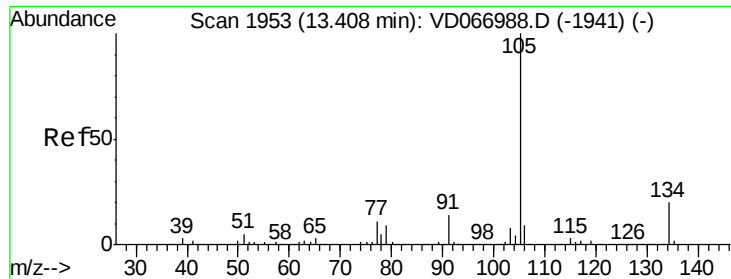
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#84
1,2,4-Trimethylbenzene
Concen: 49.905 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.3	69.8





#85

sec-Butylbenzene

Concen: 49.744 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1080377

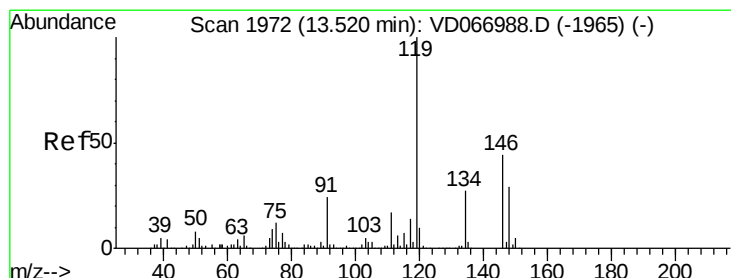
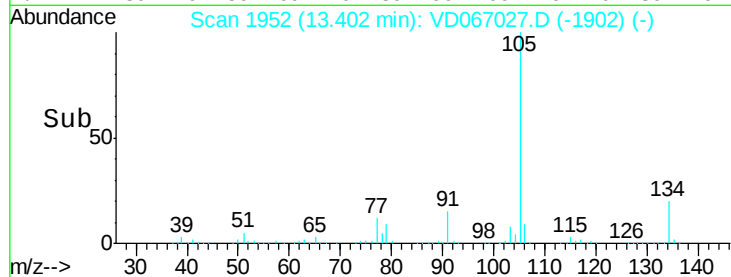
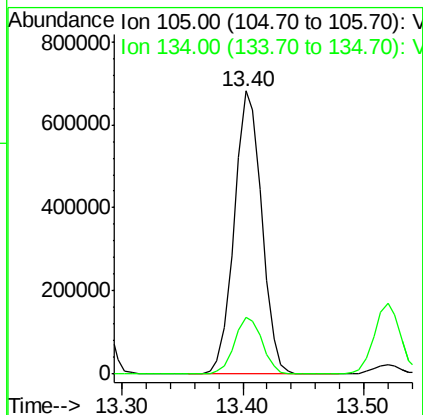
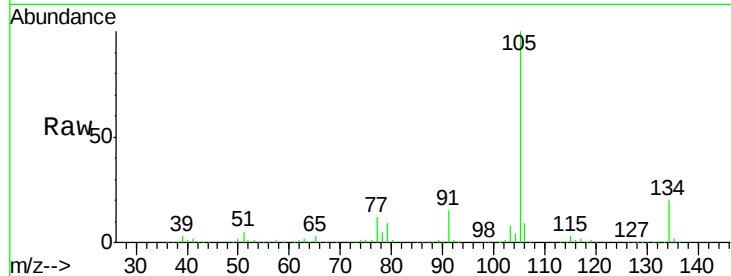
Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 49.630 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

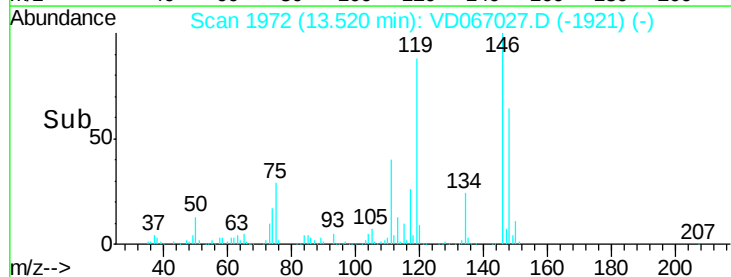
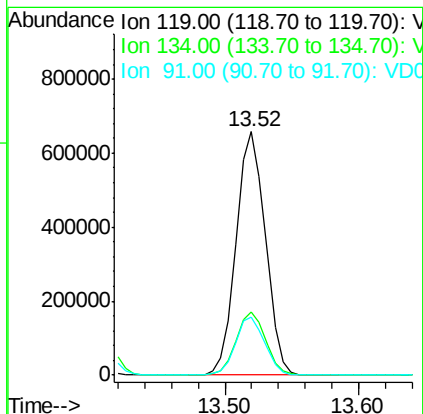
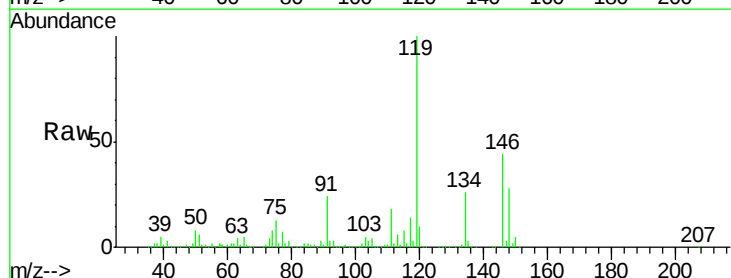
Tgt Ion:119 Resp: 999314

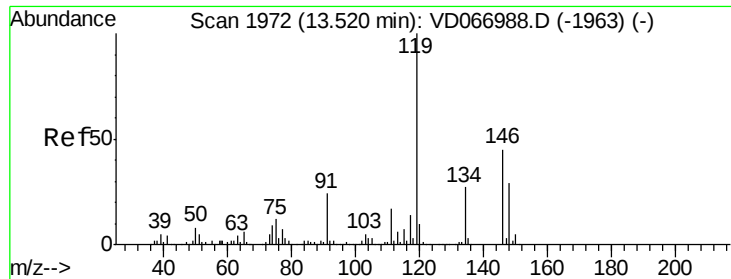
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.6 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 47.033 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Instrument :

MSVOA_D

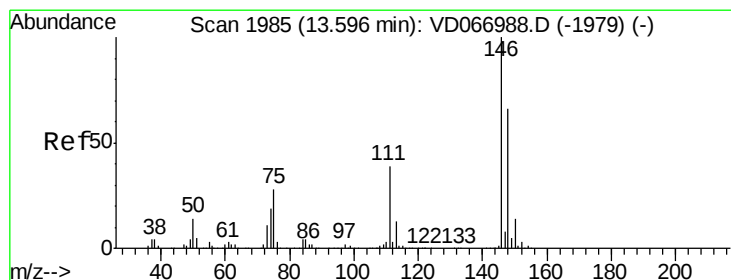
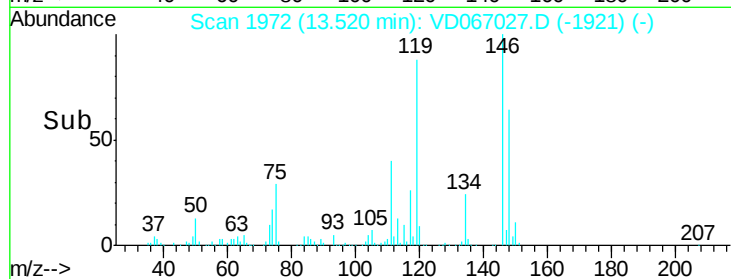
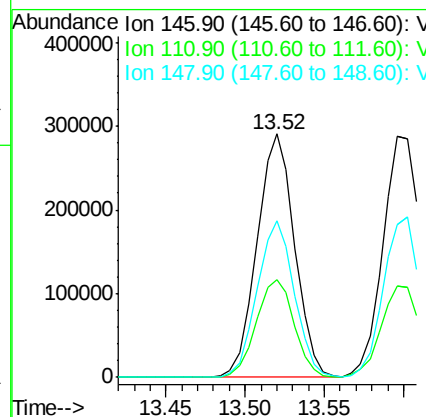
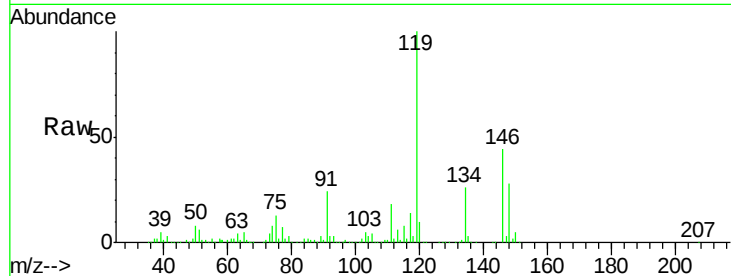
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	479503
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.0	60.0
148	63.5	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.206 ug/l

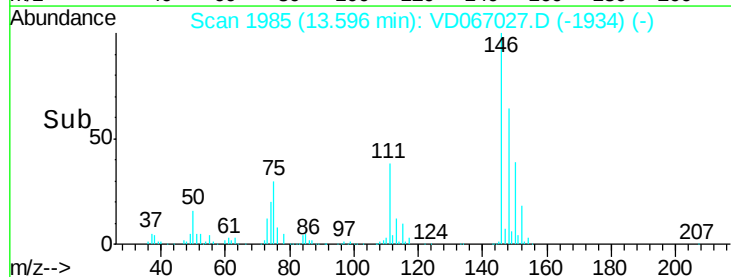
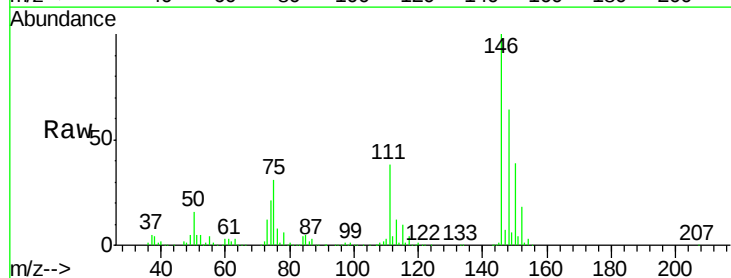
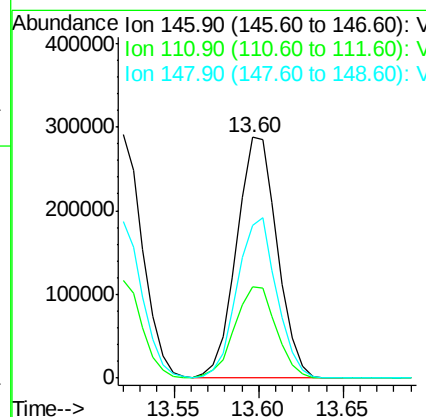
RT: 13.60 min Scan# 1985

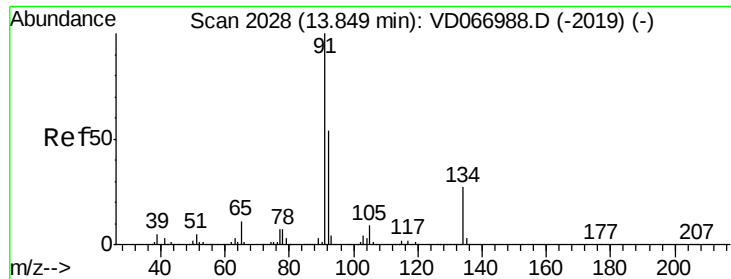
Delta R.T. 0.00 min

Lab File: VD067027.D

Acq: 02 Oct 2020 11:18

Tgt Ion:	146	Resp:	481215
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.6	58.7
148	64.9	32.6	97.7





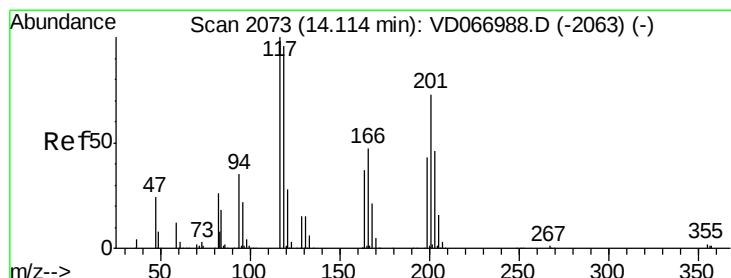
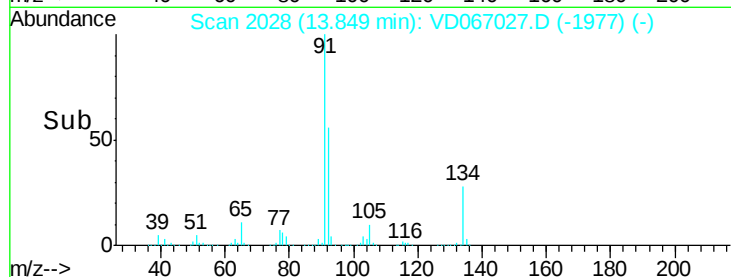
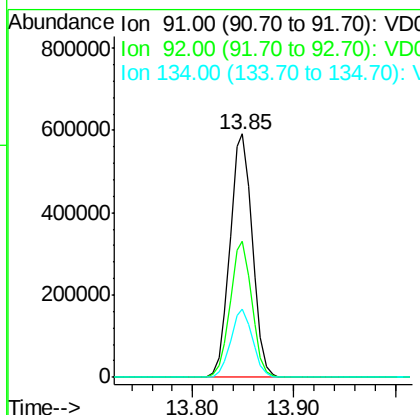
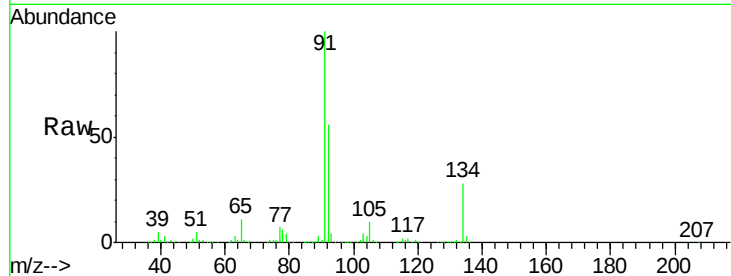
#89
n-Butylbenzene
Concen: 49.062 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.2	27.1	81.2	
134	27.3	13.6	40.8	

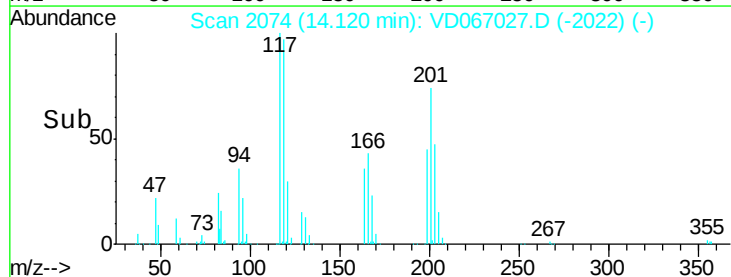
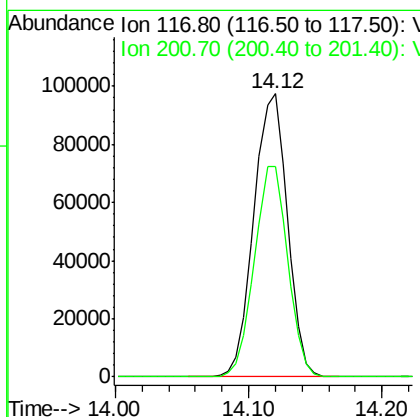
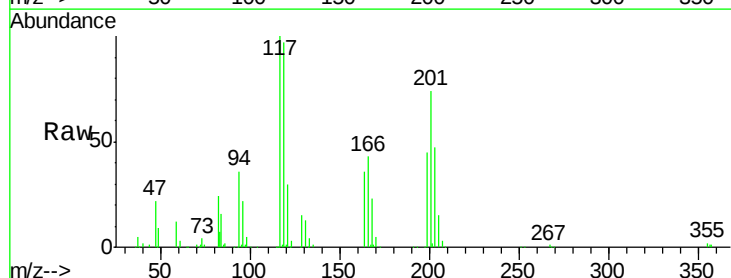
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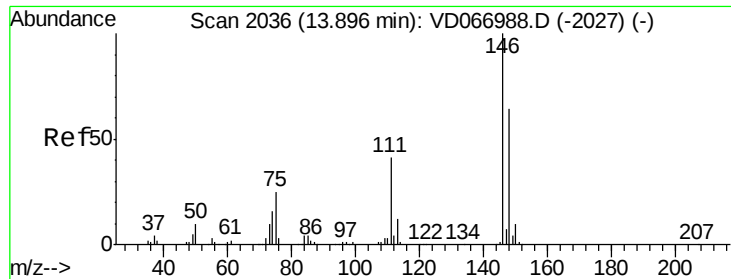
MMDadoda
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#90
Hexachloroethane
Concen: 48.137 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	74.0	37.0	110.9	





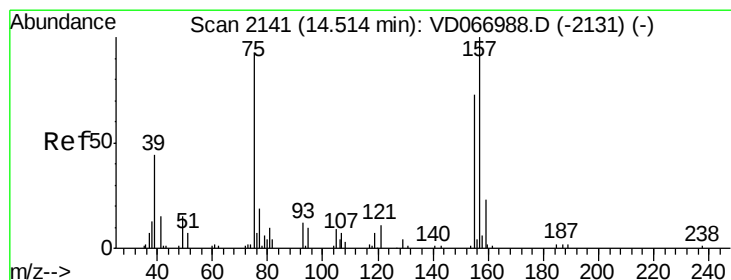
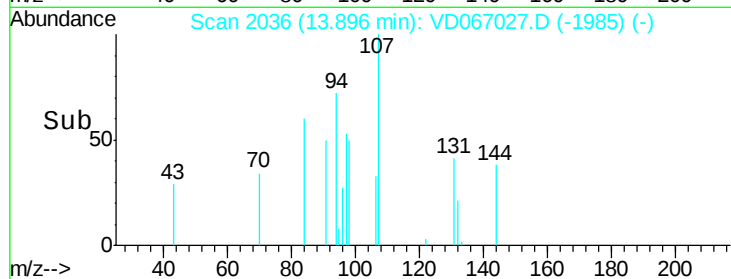
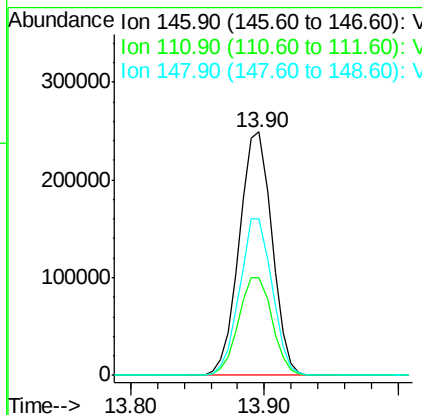
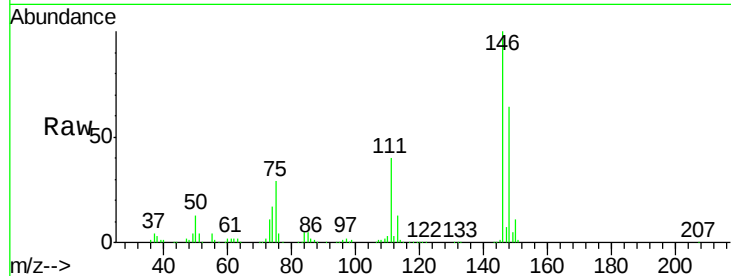
#91
 1,2-Dichlorobenzene
 Concen: 47.408 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.9	62.7
148	64.2	32.3	96.9

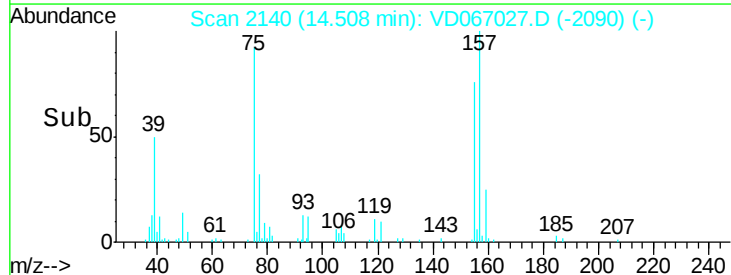
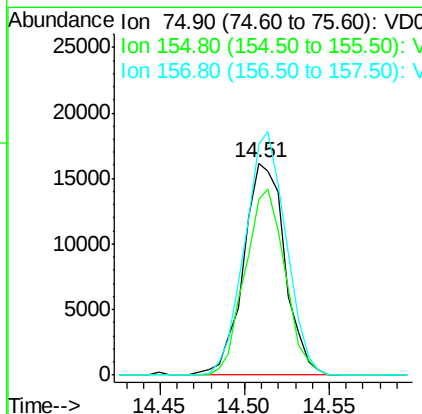
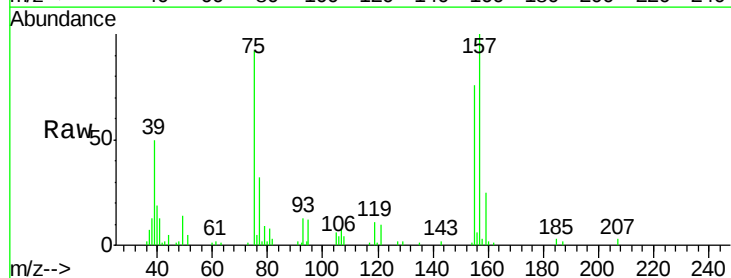
Manual Integrations
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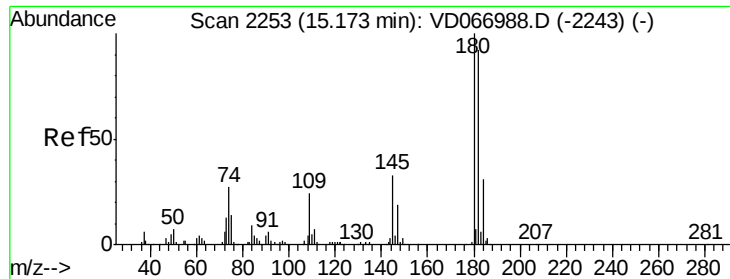
MMDadoda
 10/5/2020 5:34:23 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.645 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	45.2	135.6
157	114.2	56.3	168.8





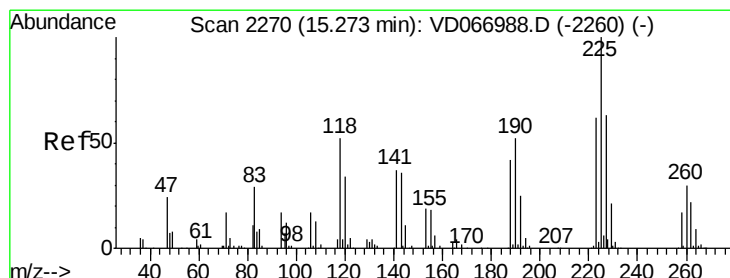
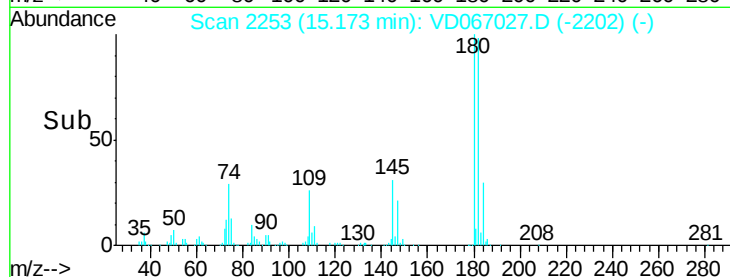
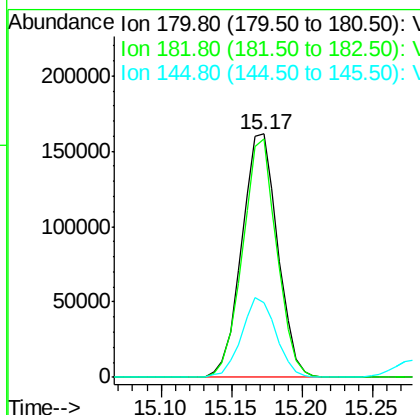
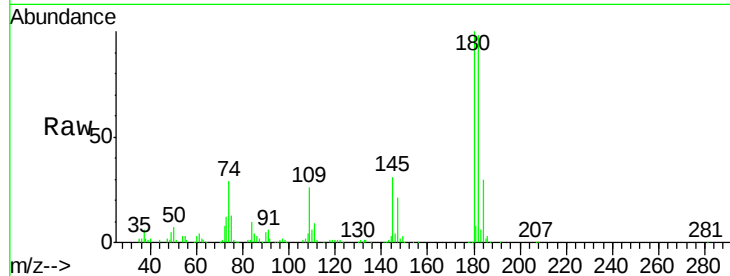
#93
 1,2,4-Trichlorobenzene
 Concen: 49.938 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	287604		
182	93.2	47.3	142.0	
145	31.7	16.4	49.1	

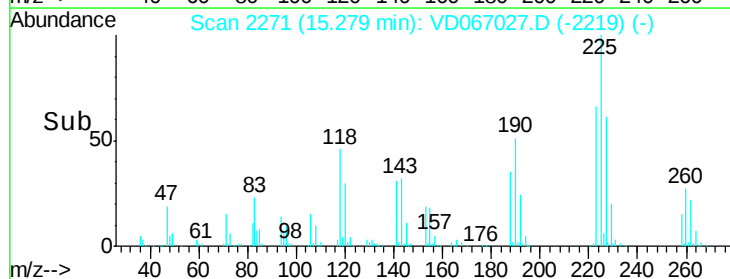
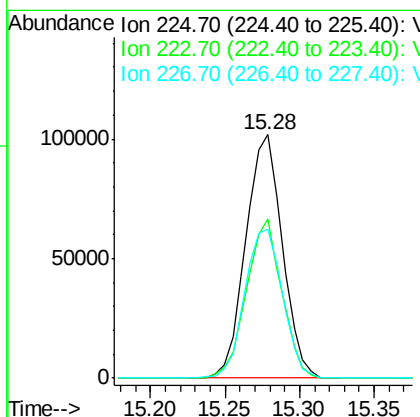
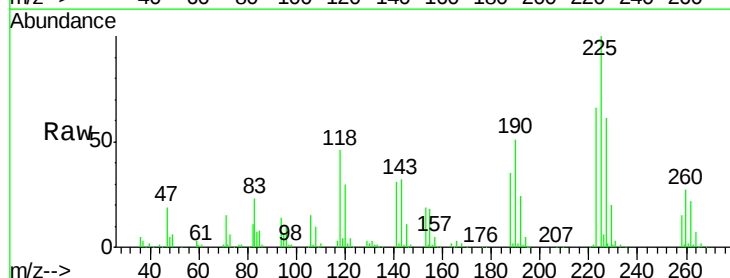
Manual Integrations
 APPROVED

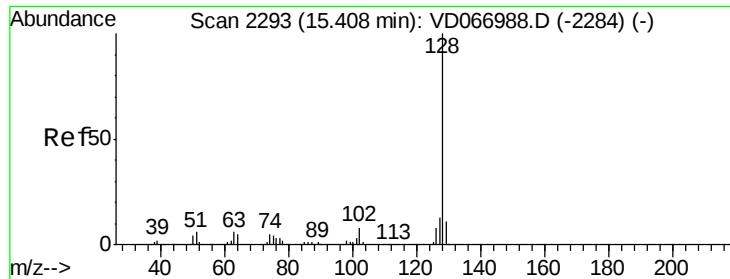
MMDadoda
 10/5/2020 5:34:23 PM



#94
 Hexachlorobutadiene
 Concen: 48.559 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067027.D
 Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	171751		
223	63.2	32.4	97.0	
227	63.3	31.6	95.0	





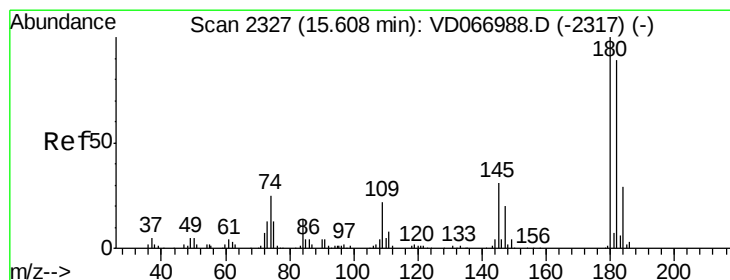
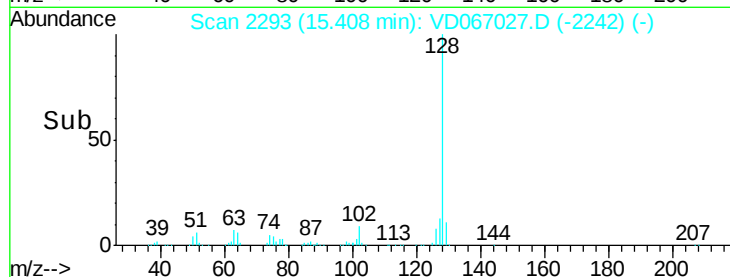
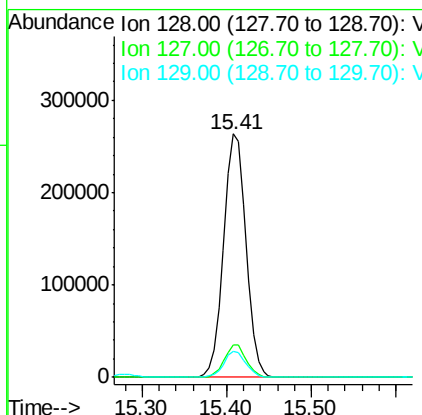
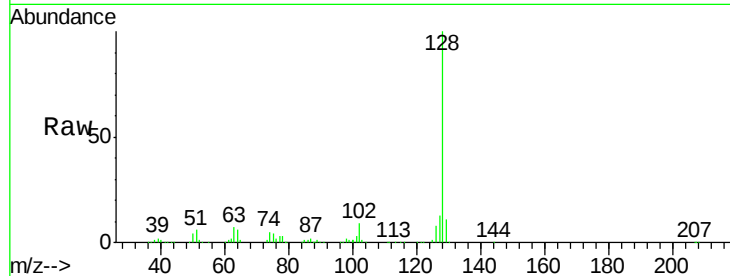
#95
Naphthalene
Concen: 49.974 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/5/2020 5:34:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.166 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067027.D
Acq: 02 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.4	139.1
145	33.3	16.6	49.7

