

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067005.D
 Acq On : 01 Oct 2020 20:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:13:34 PM

Quant Time: Oct 02 01:21:13 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	420951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	685798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	636247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	306481	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	217548	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
35) Dibromofluoromethane	7.91	113	233514	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.34	98	850361	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.63	95	290782	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	185020	55.103	ug/l	94
3) Chloromethane	2.21	50	171611	51.191	ug/l	96
4) Vinyl Chloride	2.35	62	169782	50.509	ug/l	97
5) Bromomethane	2.77	94	132396	62.158	ug/l	97
6) Chloroethane	2.93	64	105461	51.518	ug/l	97
7) Trichlorofluoromethane	3.27	101	366174	49.031	ug/l	100
8) Diethyl Ether	3.71	74	103753	56.023	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	205326	48.642	ug/l	99
10) Methyl Iodide	4.30	142	215082	52.440	ug/l	100
11) Tert butyl alcohol	5.21	59	62997	268.758	ug/l	98
12) 1,1-Dichloroethene	4.07	96	199399	50.250	ug/l	98
13) Acrolein	3.92	56	62990	232.013	ug/l	99
14) Allyl chloride	4.71	41	283691	55.032	ug/l	99
15) Acrylonitrile	5.43	53	188709	276.860	ug/l	99
16) Acetone	4.16	43	155403	251.082	ug/l	95
17) Carbon Disulfide	4.41	76	636717	52.284	ug/l	98
18) Methyl Acetate	4.71	43	90992	58.493	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	412724	56.975	ug/l	99
20) Methylene Chloride	4.97	84	274024	64.499	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	240689	53.297	ug/l	99
22) Diisopropyl ether	6.36	45	544781	57.886	ug/l	98
23) Vinyl Acetate	6.31	43	1576492	295.610	ug/l	99
24) 1,1-Dichloroethane	6.27	63	398159	54.819	ug/l	98
25) 2-Butanone	7.21	43	238567	271.869	ug/l	99
26) 2,2-Dichloropropane	7.21	77	321427	51.912	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	273198	56.644	ug/l	98
28) Bromochloromethane	7.54	49	156210	55.691	ug/l	100
29) Tetrahydrofuran	7.56	42	143185	283.783	ug/l	99
30) Chloroform	7.71	83	437508	55.529	ug/l	96
31) Cyclohexane	7.98	56	293814	48.252	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	383866	52.571	ug/l	99
36) 1,1-Dichloropropene	8.11	75	315997	49.433	ug/l	98
37) Ethyl Acetate	7.30	43	115146	51.996	ug/l	97
38) Carbon Tetrachloride	8.10	117	343848	49.714	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	340329	50.357	ug/l	96
40) Benzene	8.35	78	943181	53.121	ug/l	99
41) Methacrylonitrile	7.52	41	77225	64.549	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	257645	51.930	ug/l	99
43) Isopropyl Acetate	8.45	43	221311	54.248	ug/l	100
44) Trichloroethene	9.11	130	271480	51.204	ug/l	97
45) 1,2-Dichloropropane	9.38	63	227075	54.431	ug/l	95
46) Dibromomethane	9.47	93	126370	52.704	ug/l	97
47) Bromodichloromethane	9.66	83	334266	53.630	ug/l	97
48) Methyl methacrylate	9.46	41	104404	49.953	ug/l #	81
49) 1,4-Dioxane	9.46	88	25809	1031.335	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	556213	273.722	ug/l	98
52) Toluene	10.40	92	625693	54.706	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	300576	53.959	ug/l	92
54) cis-1,3-Dichloropropene	10.08	75	361126	53.090	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	175260	52.574	ug/l	93
56) Ethyl methacrylate	10.66	69	195941	56.931	ug/l	95
57) 1,3-Dichloropropane	10.94	76	292499	54.108	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	567579	296.291	ug/l	100
59) 2-Hexanone	10.98	43	376532	277.624	ug/l	99
60) Dibromochloromethane	11.14	129	238643	53.711	ug/l	96
61) 1,2-Dibromoethane	11.24	107	172030	53.715	ug/l	97
64) Tetrachloroethene	10.87	164	231949	50.145	ug/l	93
65) Chlorobenzene	11.67	112	665392	52.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	246865	51.286	ug/l	98
67) Ethyl Benzene	11.74	91	1151597	53.114	ug/l	99
68) m/p-Xylenes	11.86	106	899044	106.400	ug/l	100
69) o-Xylene	12.18	106	414882	54.907	ug/l	98
70) Styrene	12.20	104	710901	54.790	ug/l	100
71) Bromoform	12.36	173	130115	52.075	ug/l #	100
73) Isopropylbenzene	12.48	105	1105199	53.108	ug/l	100
74) N-amyl acetate	12.29	43	196878	52.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	177931	50.747	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	113718m	42.598	ug/l	
77) Bromobenzene	12.76	156	268535	53.440	ug/l	97
78) n-propylbenzene	12.82	91	1285592	52.272	ug/l	99
79) 2-Chlorotoluene	12.91	91	732895	52.083	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	951296	54.105	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	53747	50.195	ug/l	98
82) 4-Chlorotoluene	13.01	91	779822	52.087	ug/l	100
83) tert-Butylbenzene	13.23	119	779798	52.667	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	949515	54.114	ug/l	98
85) sec-Butylbenzene	13.40	105	1081410	51.864	ug/l	100
86) p-Isopropyltoluene	13.52	119	1008977	52.195	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	504398	51.534	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	498733	50.960	ug/l	99
89) n-Butylbenzene	13.85	91	905082	51.231	ug/l	99
90) Hexachloroethane	14.12	117	173608	51.270	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	440896	51.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29352	51.932	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	295596	53.462	ug/l	99
94) Hexachlorobutadiene	15.27	225	167894	49.444	ug/l	99
95) Naphthalene	15.41	128	513692	55.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	256839	53.511	ug/l	100

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

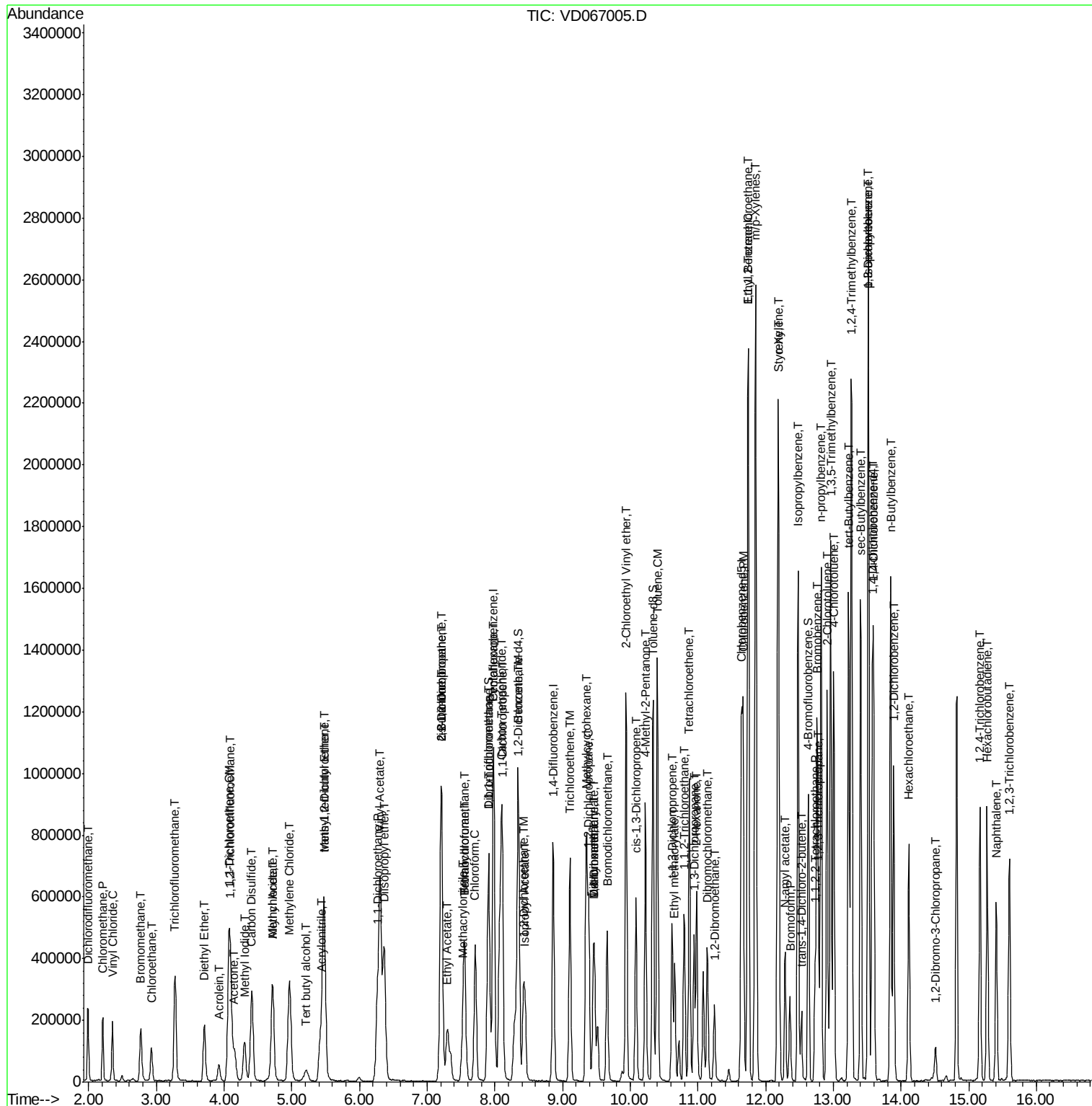
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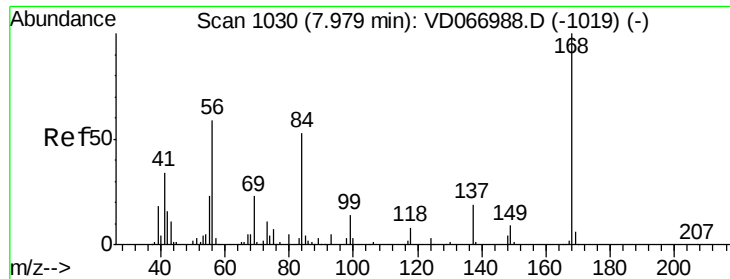
Instrument :
MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 420951

Ion Ratio Lower Upper

168 100

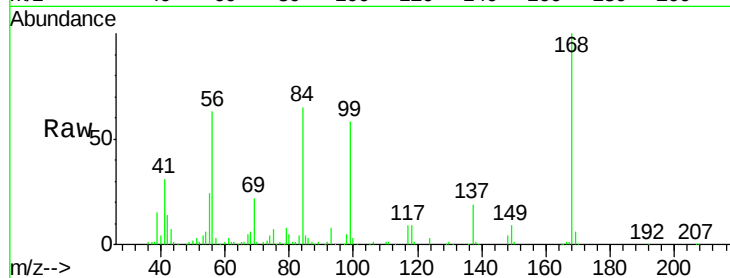
99 57.8 44.1 66.1

Manual Integrations

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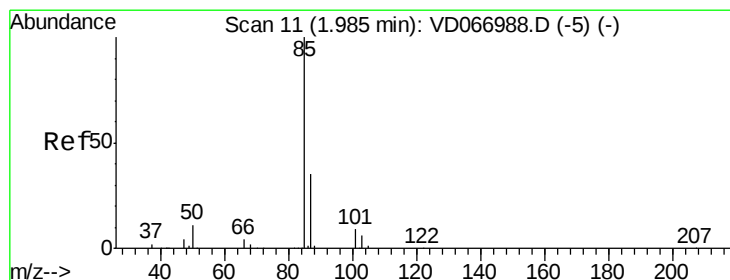
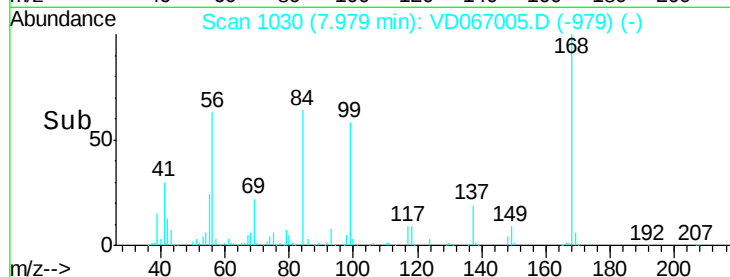
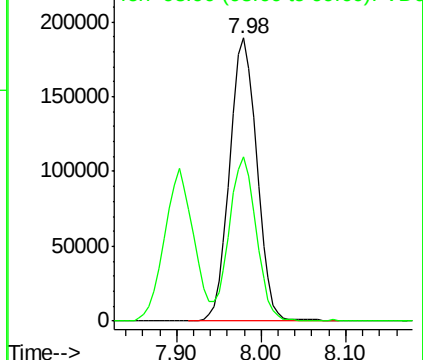
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 55.103 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067005.D

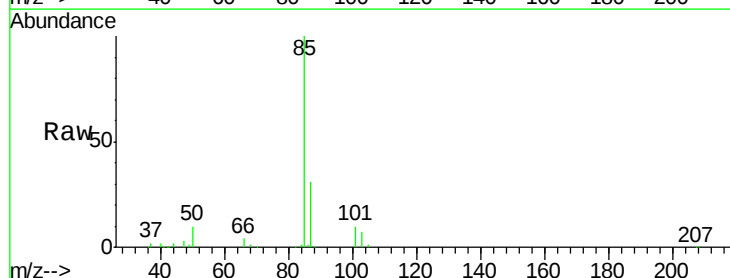
Acq: 01 Oct 2020 20:59

Tgt Ion: 85 Resp: 185020

Ion Ratio Lower Upper

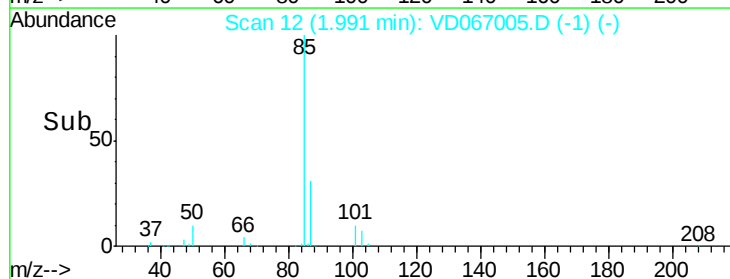
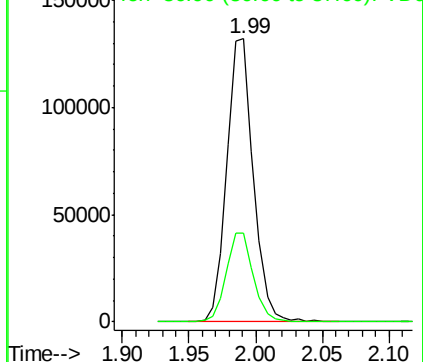
85 100

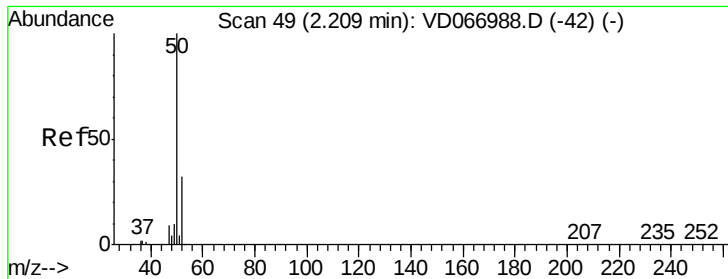
87 31.3 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 51.191 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 171611

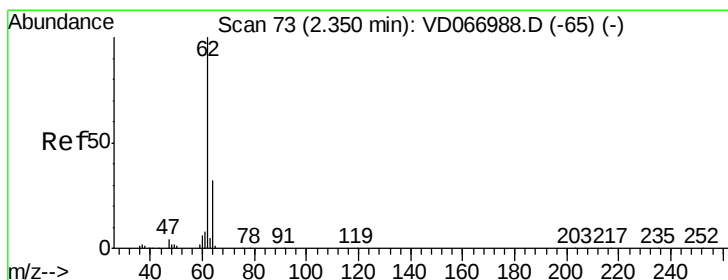
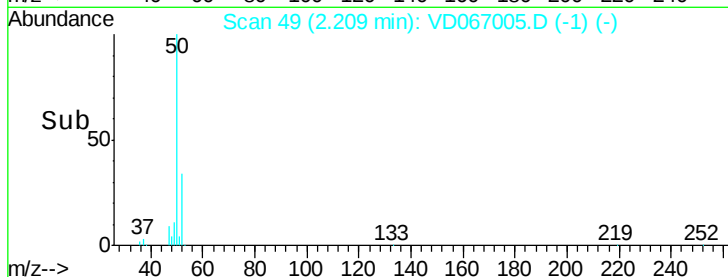
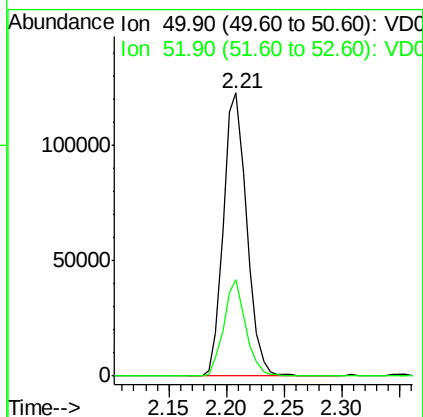
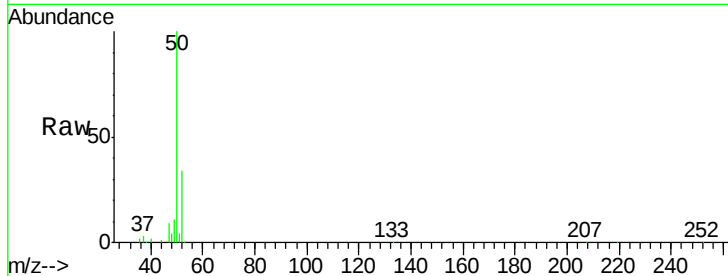
Ion Ratio Lower Upper

50 100

52 34.1 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.509 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067005.D

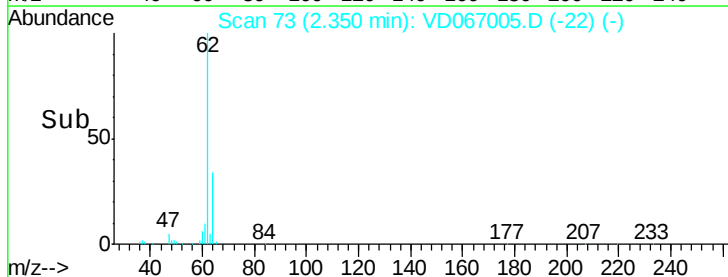
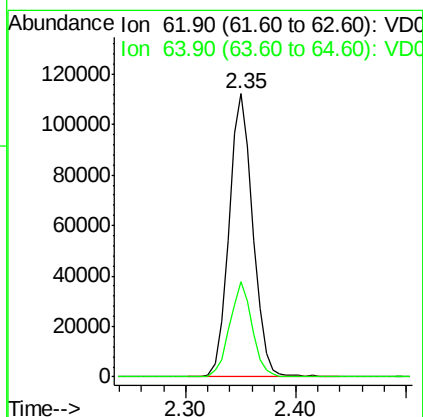
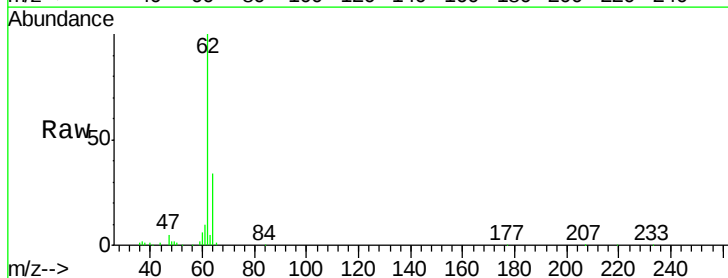
Acq: 01 Oct 2020 20:59

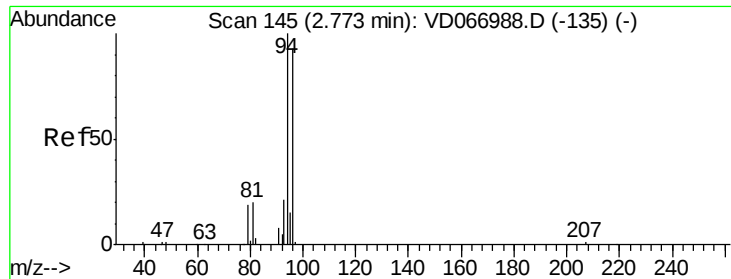
Tgt Ion: 62 Resp: 169782

Ion Ratio Lower Upper

62 100

64 33.7 25.8 38.8





#5

Bromomethane

Concen: 62.158 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 132396

Ion Ratio Lower Upper

94 100

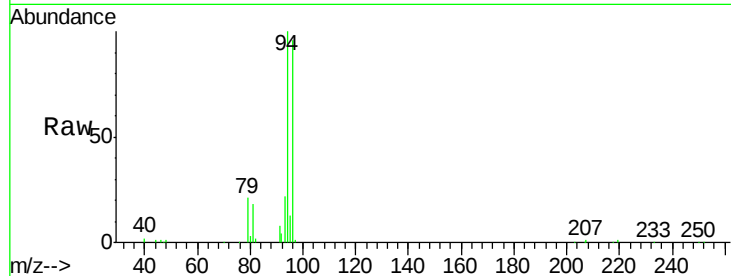
96 96.1 74.6 112.0

Manual Integrations

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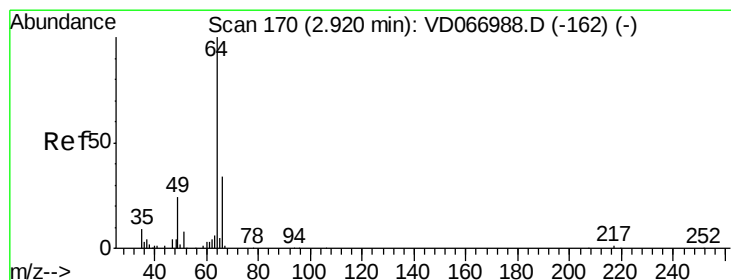
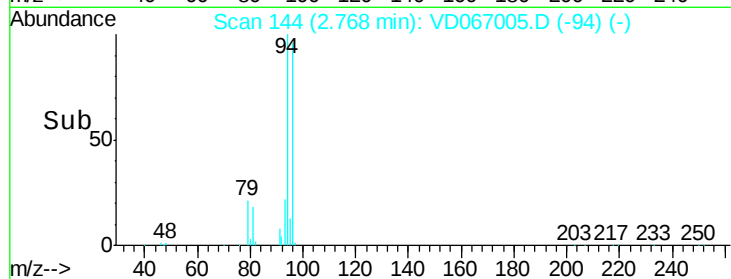
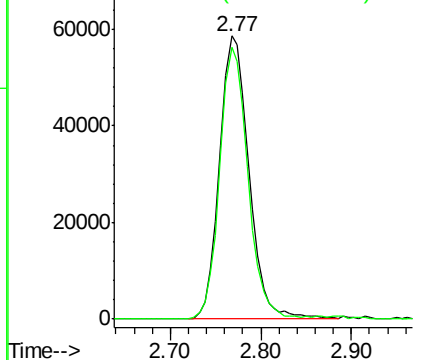
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 51.518 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067005.D

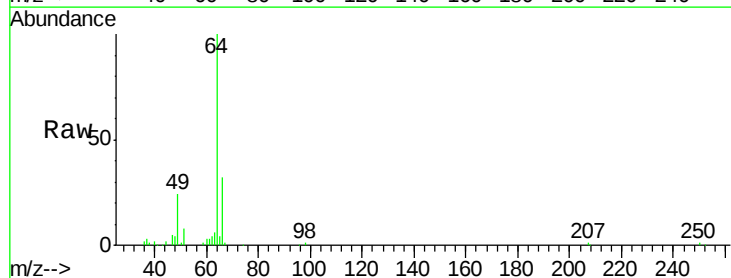
Acq: 01 Oct 2020 20:59

Tgt Ion: 64 Resp: 105461

Ion Ratio Lower Upper

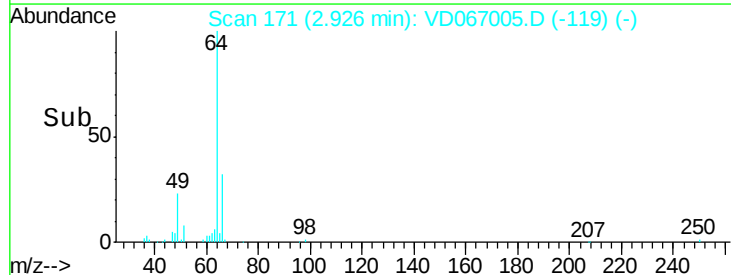
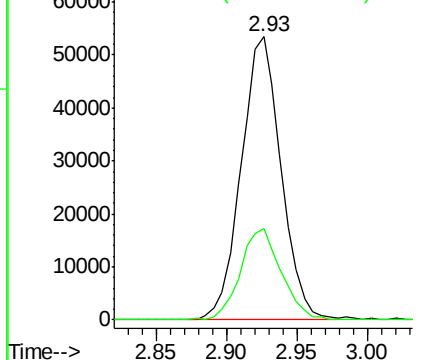
64 100

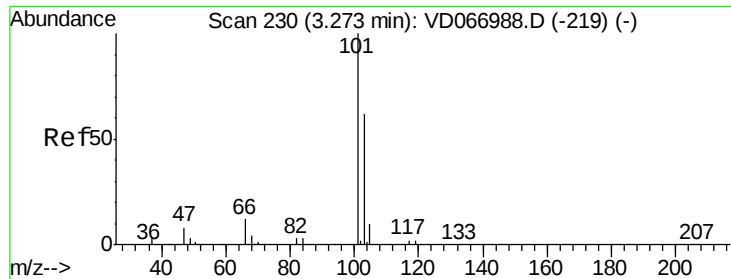
66 32.1 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

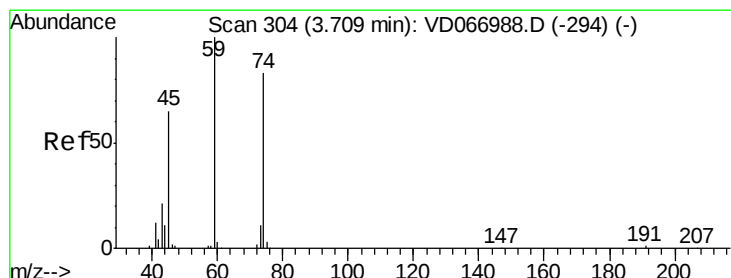
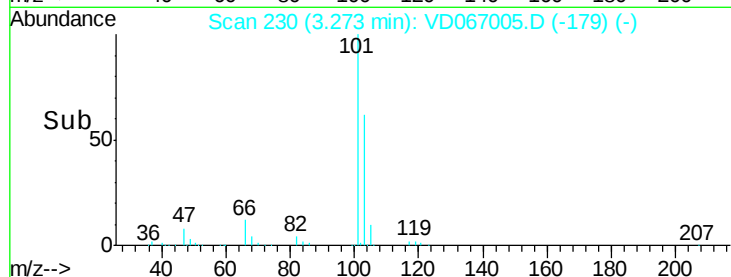
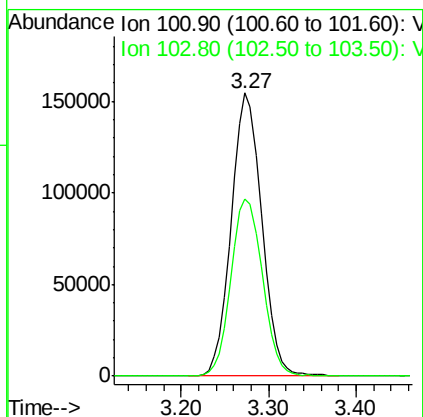
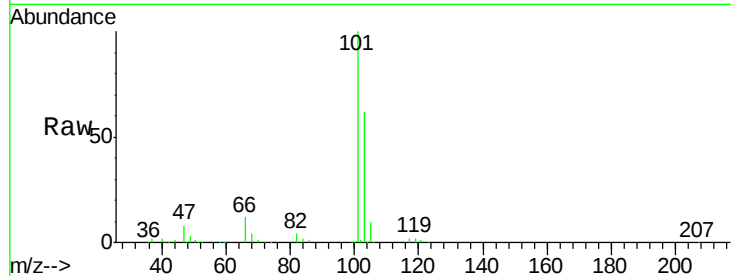
Trichlorofluoromethane
Concen: 49.031 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	49.8	74.8

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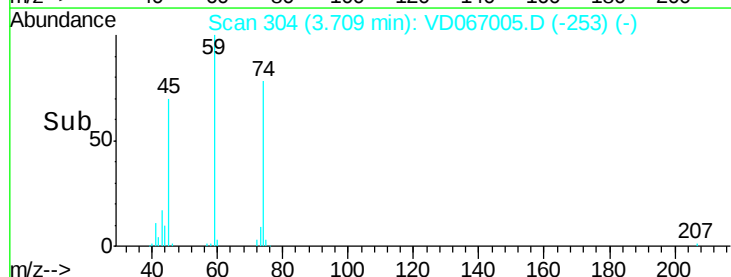
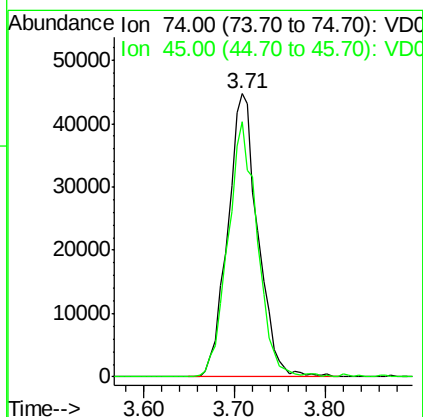
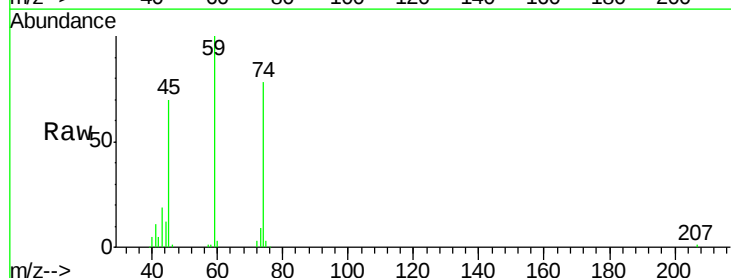
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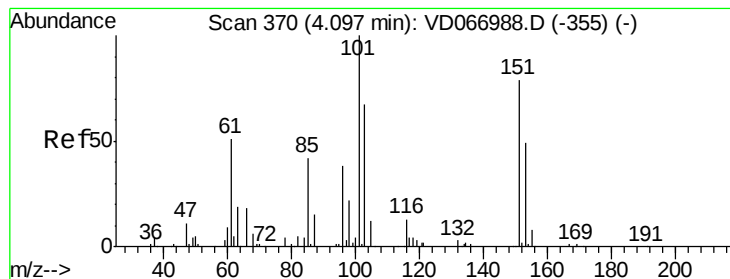


#8

Diethyl Ether
Concen: 56.023 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.3	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.642 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

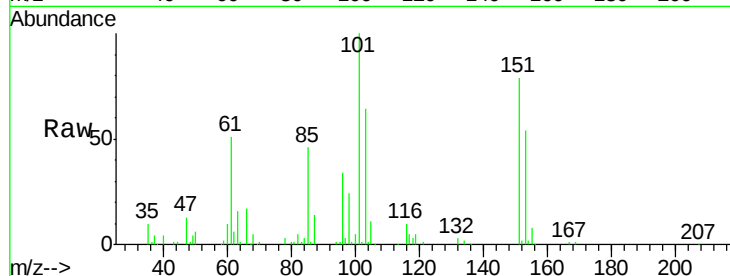
ClientSampleId :

VSTDCCC050EC

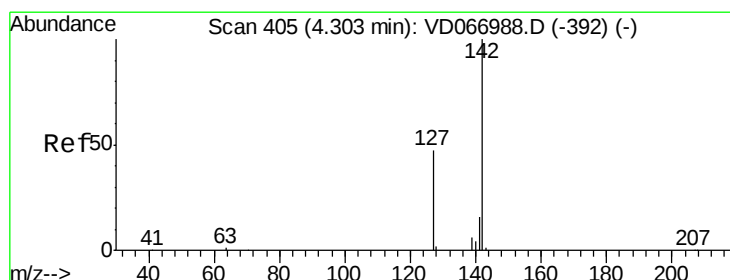
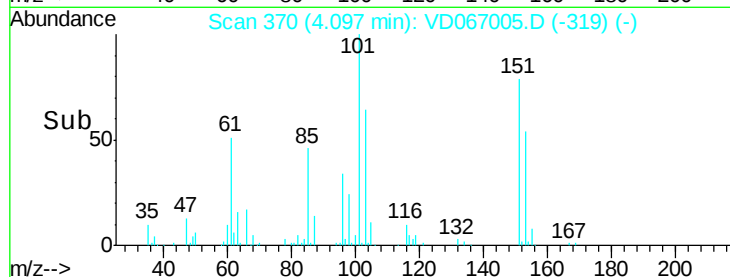
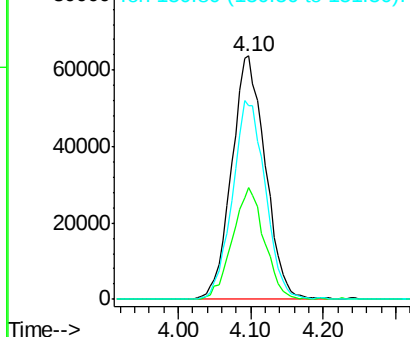
Tot Ion:	101	Resp:	205326
Ion Ratio	Lower	Upper	
101	100		
85	43.6	33.8	50.8
151	79.9	63.8	95.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.440 ug/l

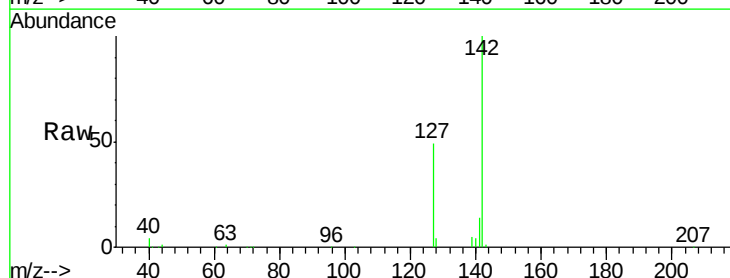
RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

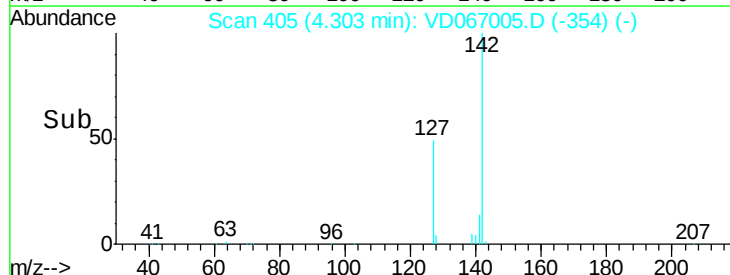
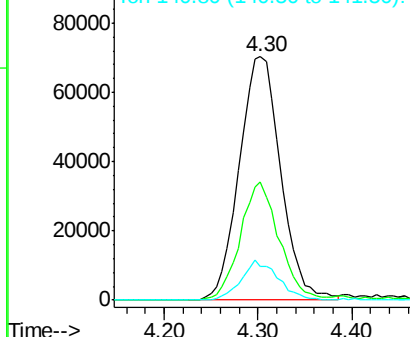
Lab File: VD067005.D

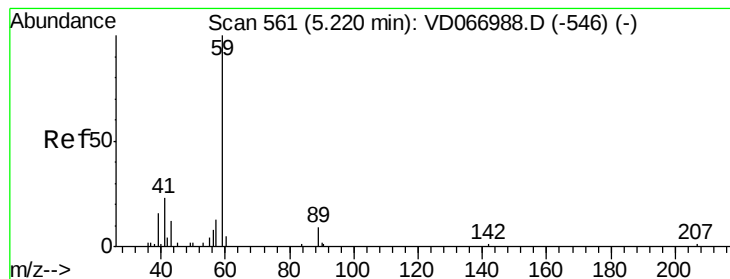
Acq: 01 Oct 2020 20:59

Tgt Ion:	142	Resp:	215082
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.3	54.5
141	14.6	12.0	18.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

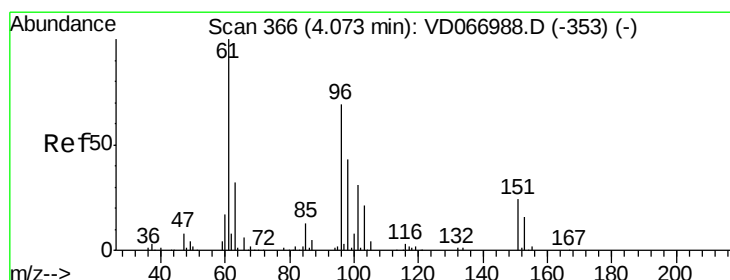
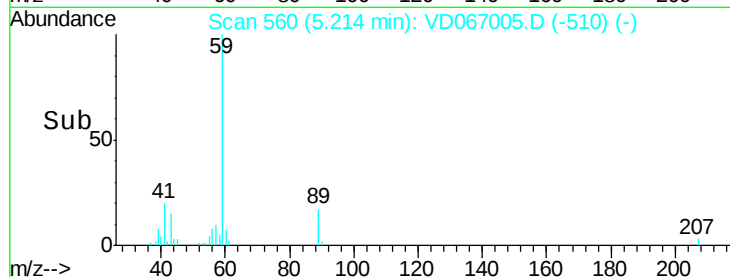
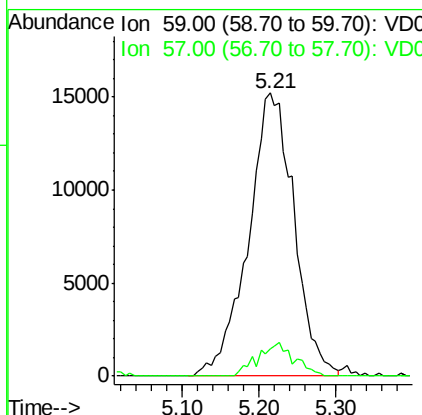
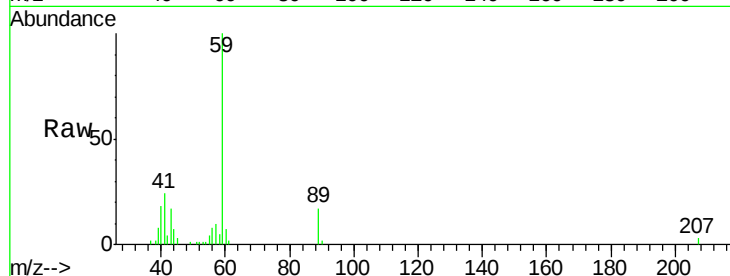
Tert butyl alcohol
Concen: 268.758 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.2	12.4

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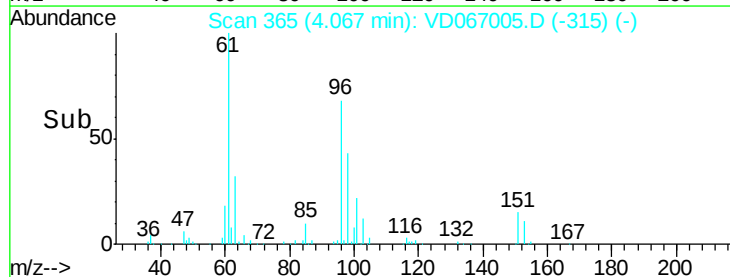
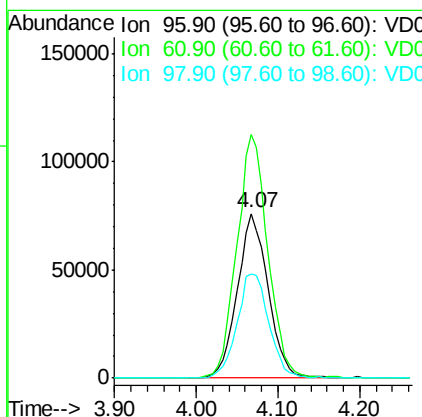
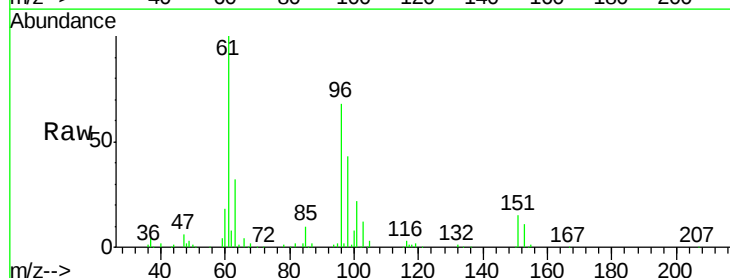
MMDadoda
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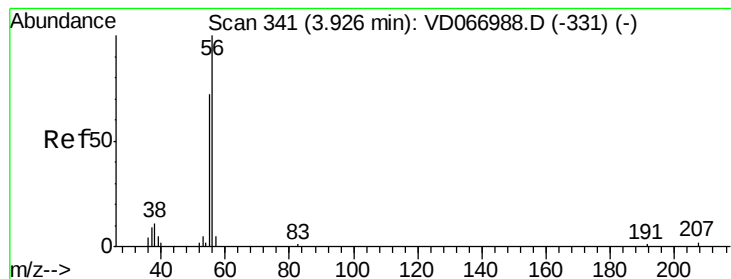


#12

1,1-Dichloroethene
Concen: 50.250 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.0	116.4	174.6
98	63.6	49.9	74.9





#13

Acrolein

Concen: 232.013 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 62990

Ion Ratio Lower Upper

56 100

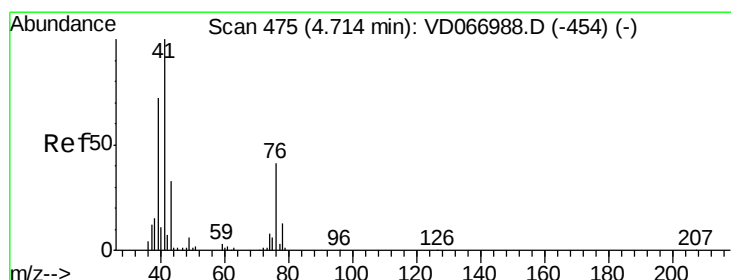
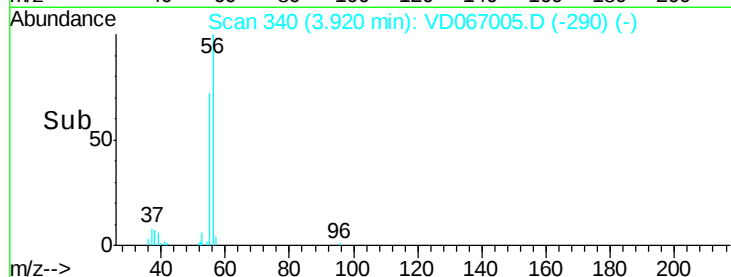
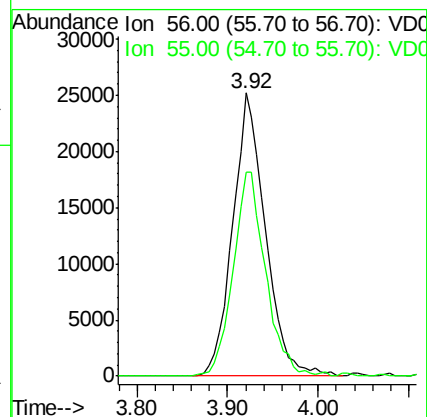
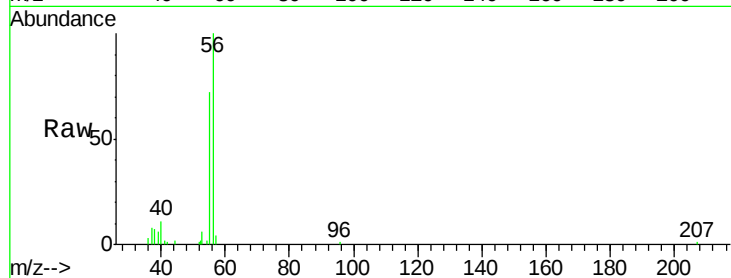
55 71.9 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 55.032 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

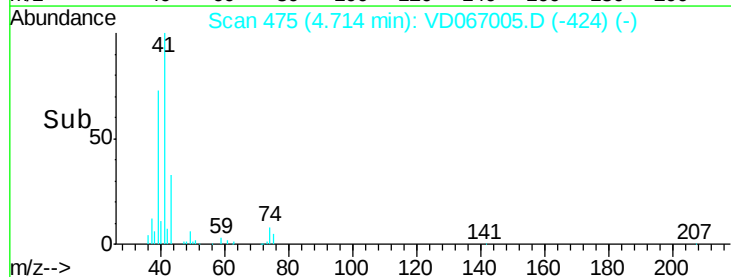
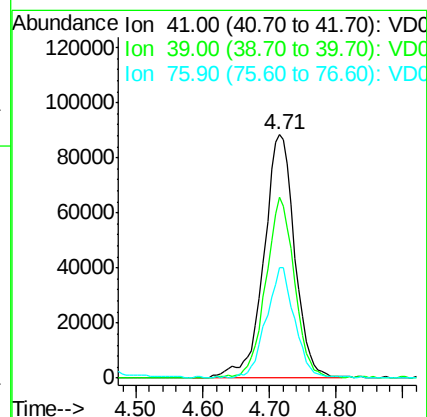
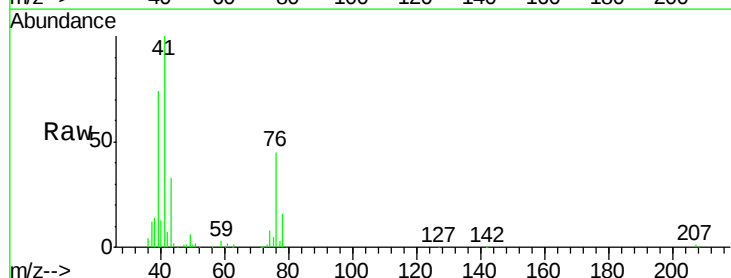
Tgt Ion: 41 Resp: 283691

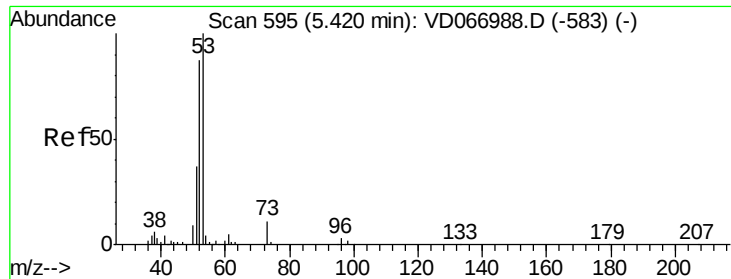
Ion Ratio Lower Upper

41 100

39 69.3 56.2 84.2

76 41.9 34.2 51.2





#15

Acrylonitrile

Concen: 276.860 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

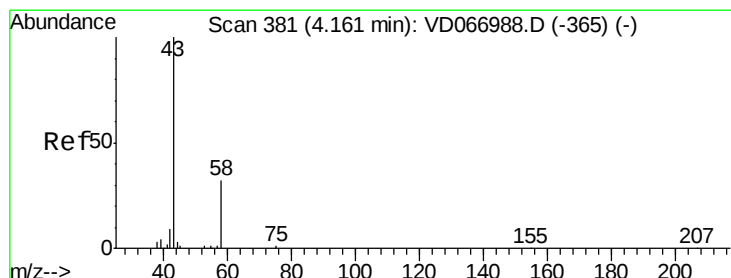
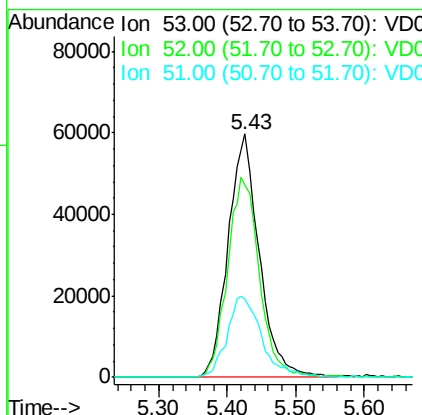
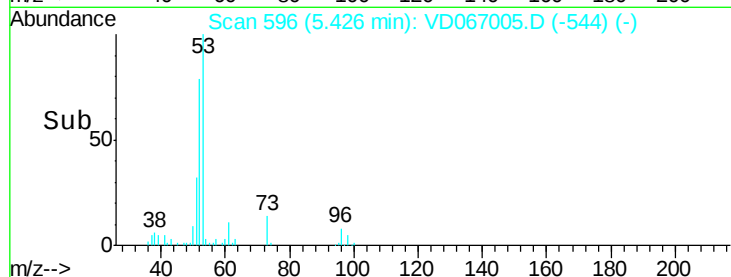
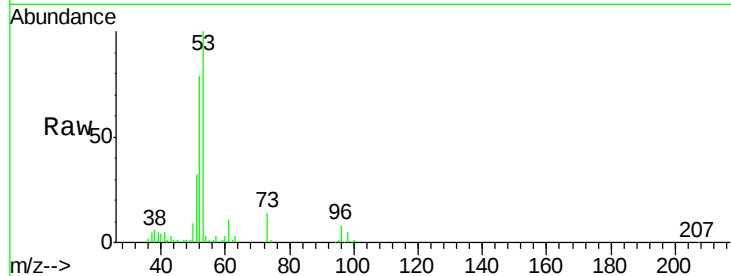
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	188709
Ion Ratio	Lower	Upper	
53	100		
52	83.1	67.3	100.9
51	36.8	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 251.082 ug/l

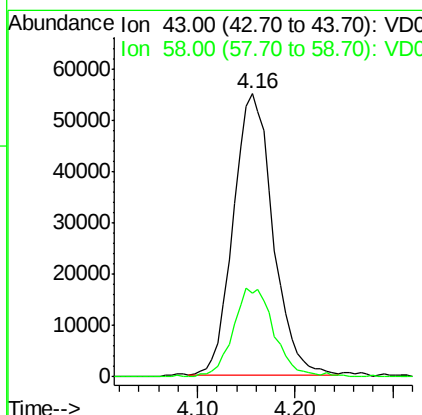
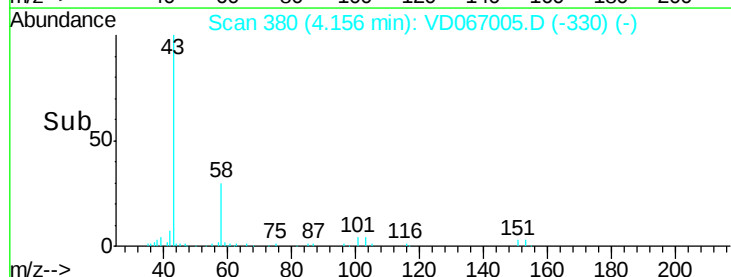
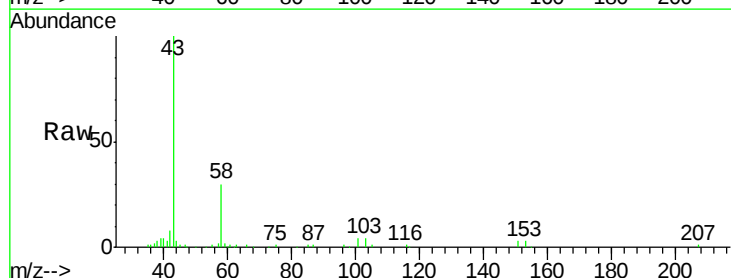
RT: 4.16 min Scan# 380

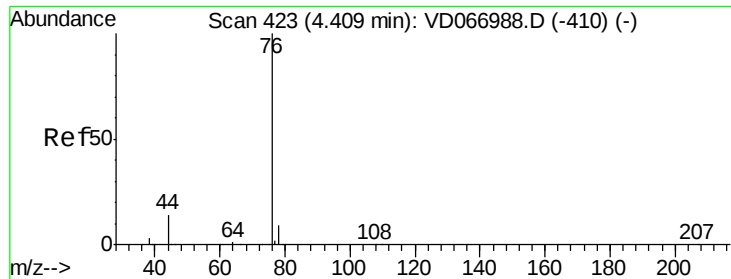
Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Tgt Ion:	43	Resp:	155403
Ion Ratio	Lower	Upper	
43	100		
58	29.5	25.9	38.9





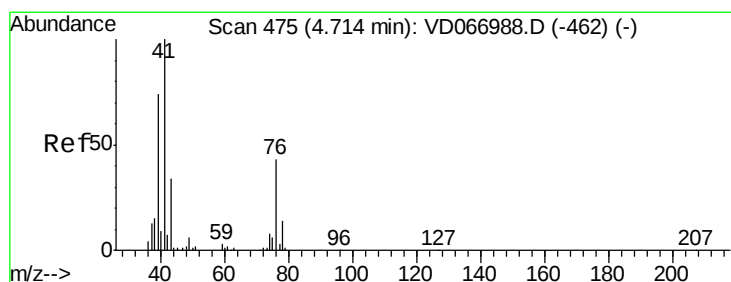
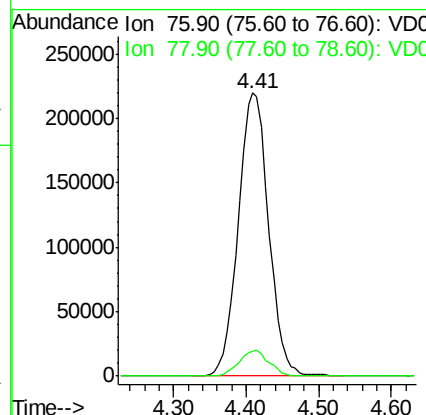
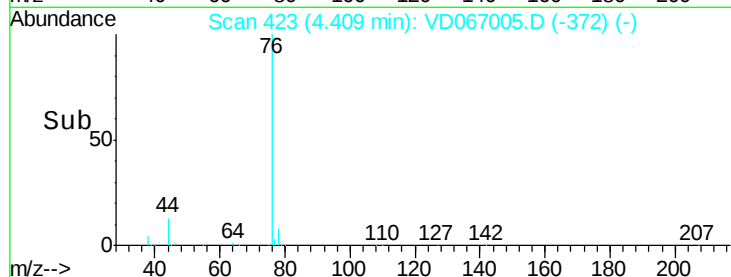
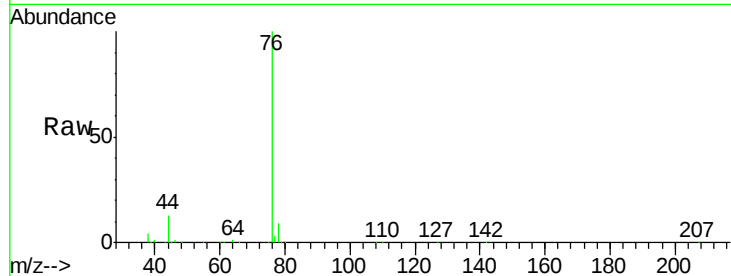
#17
Carbon Disulfide
Concen: 52.284 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

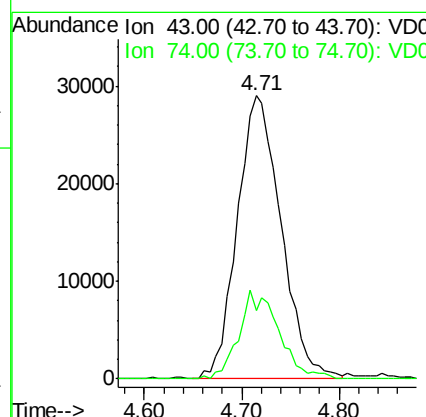
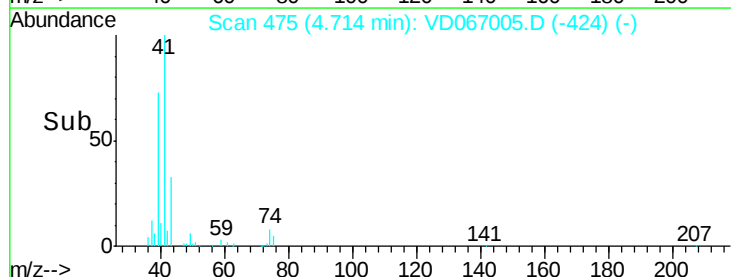
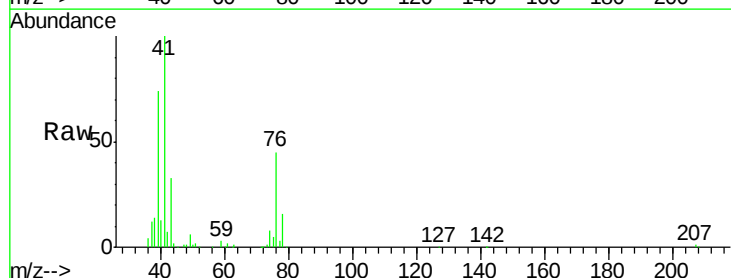
Manual Integrations
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#18
Methyl Acetate
Concen: 58.493 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.3	21.5	32.3





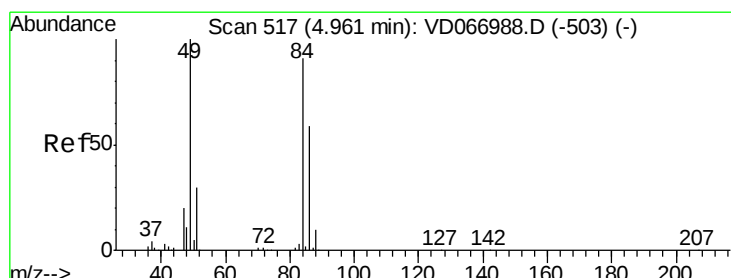
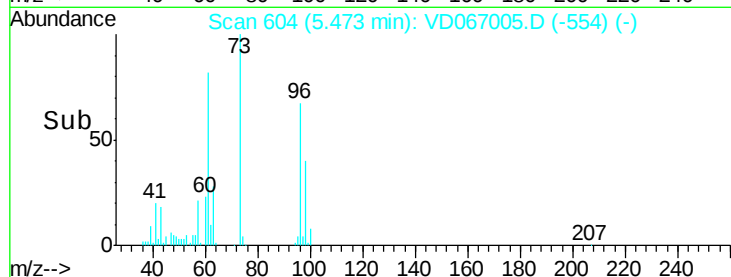
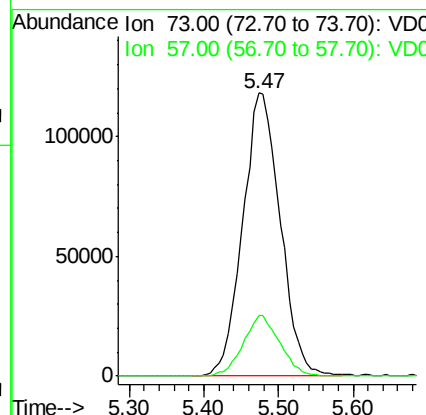
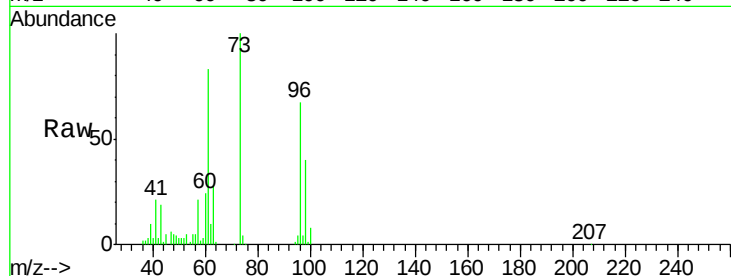
#19
Methvl tert-butvl Ether
Concen: 56.975 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 412724
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0

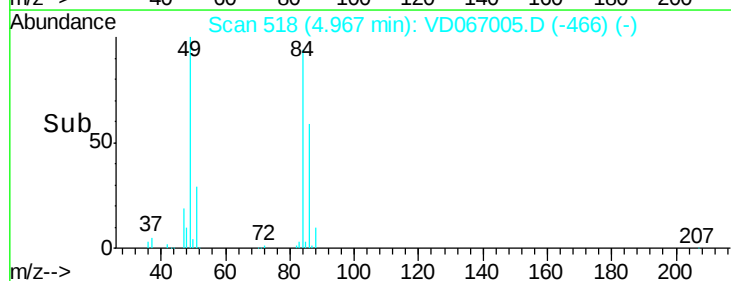
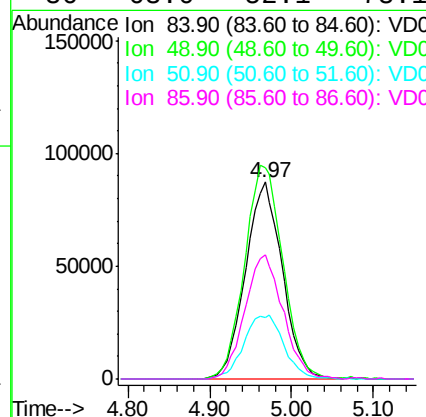
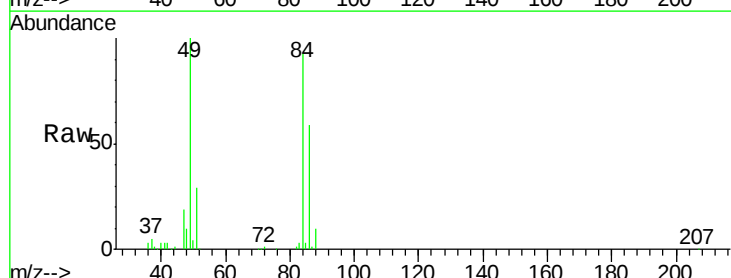
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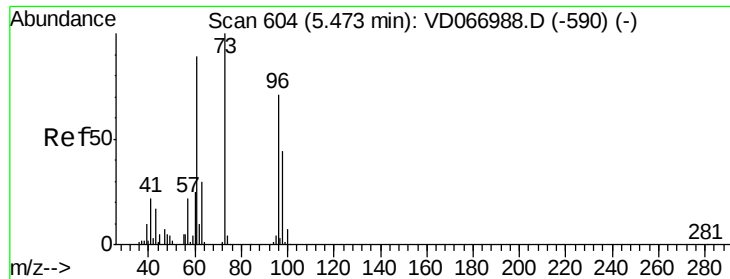
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#20
Methylene Chloride
Concen: 64.499 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion: 84 Resp: 274024
Ion Ratio Lower Upper
84 100
49 107.1 88.2 132.2
51 31.4 26.6 39.8
86 63.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 53.297 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

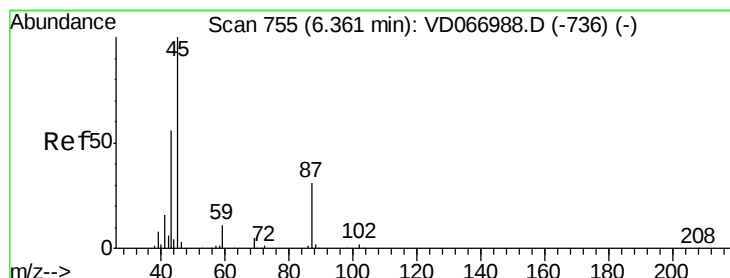
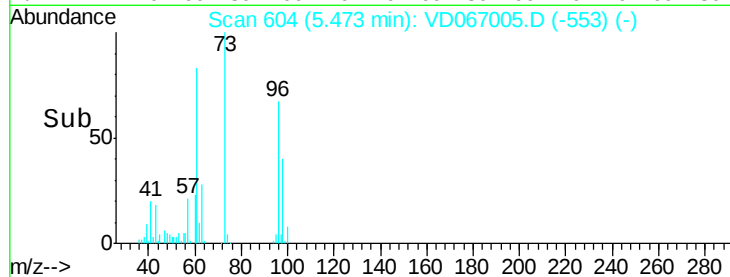
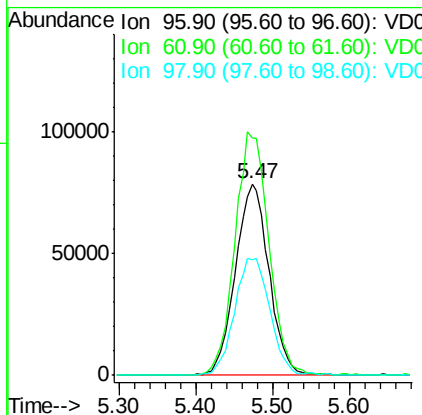
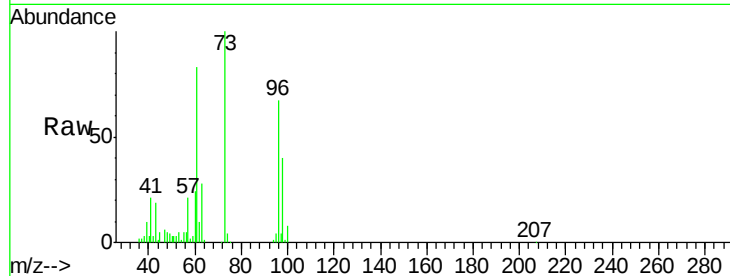
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	240689
Ion	Ratio	Lower	Upper
96	100		
61	124.0	99.6	149.4
98	60.0	49.4	74.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 57.886 ug/l

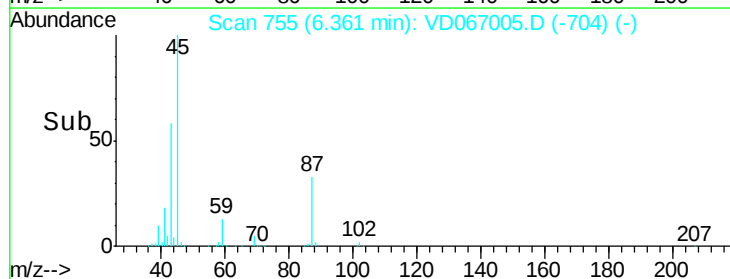
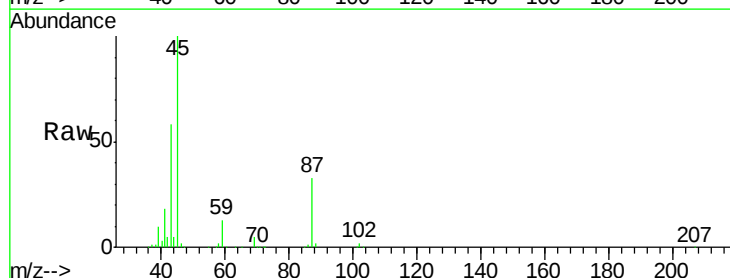
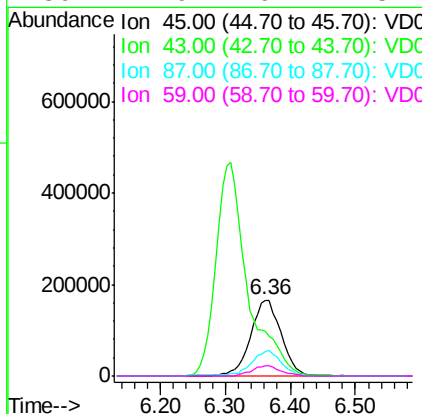
RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Tgt Ion:	45	Resp:	544781
Ion	Ratio	Lower	Upper
45	100		
43	57.5	45.2	67.8
87	32.7	25.6	38.4
59	12.9	9.1	13.7





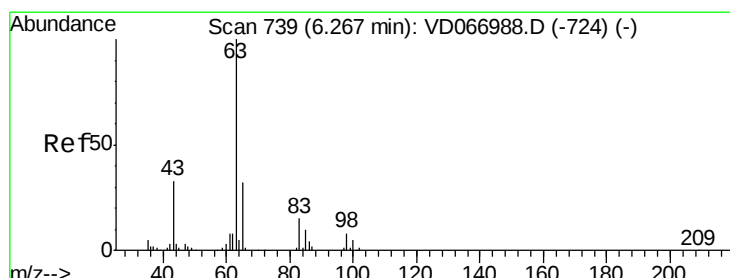
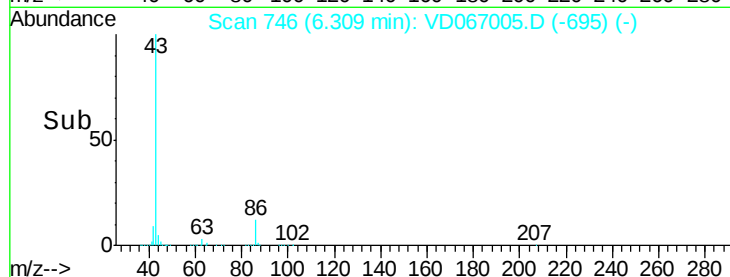
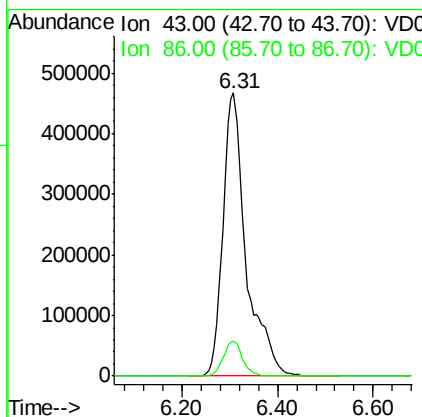
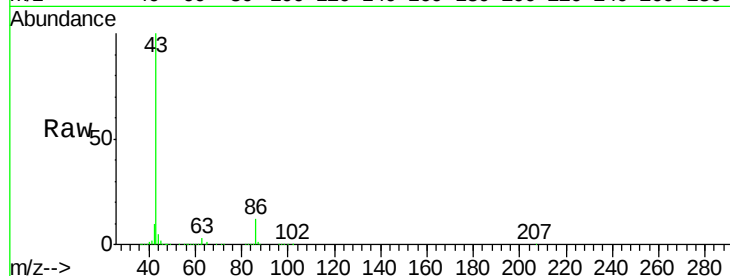
#23
 Vinyl Acetate
 Concen: 295.610 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1576492
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.2 15.2

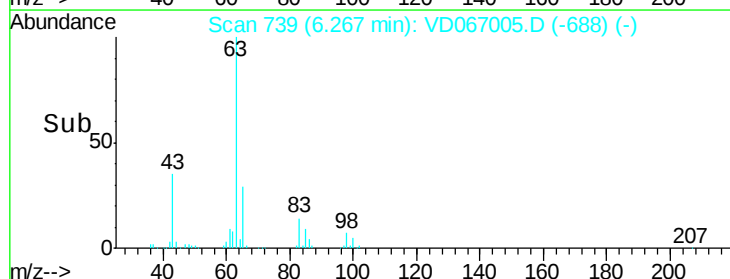
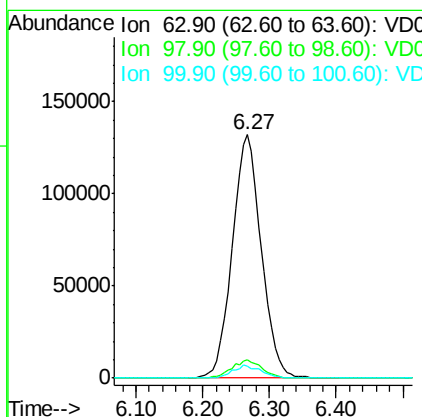
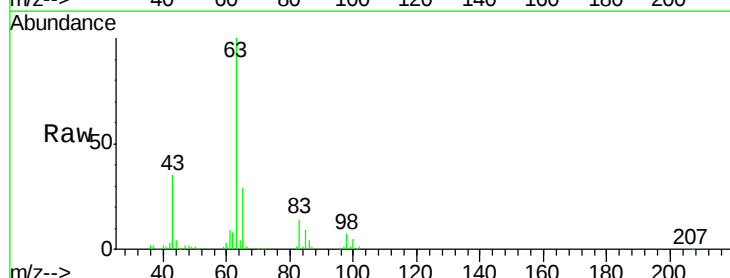
Manual Integrations
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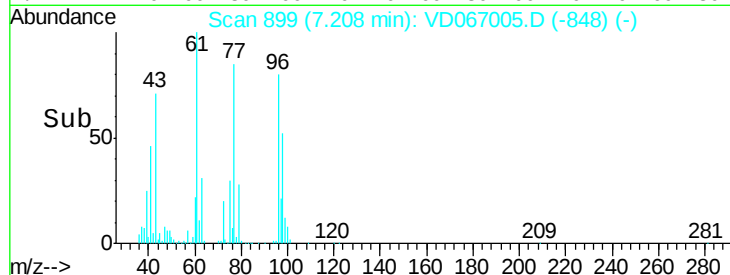
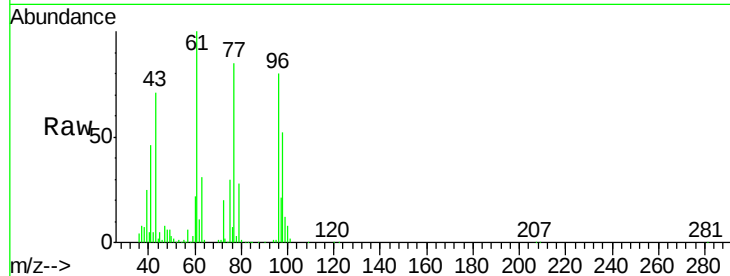
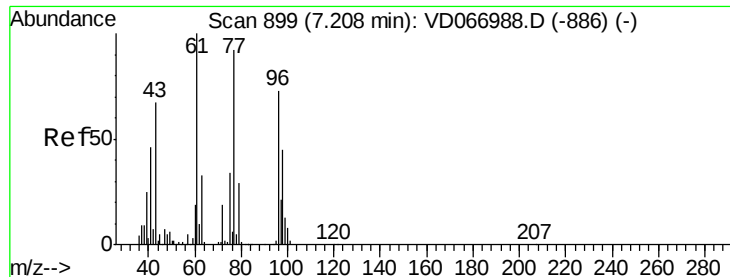
MMDadoda
 10/2/2020 3:13:34 PM



#24
 1,1-Dichloroethane
 Concen: 54.819 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion: 63 Resp: 398159
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.2 12.6
 100 4.7 2.6 7.8





#25

2-Butanone

Concen: 271.869 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Tot Ion: 43 Resp: 238567

Ion Ratio Lower Upper

43 100

72 27.9 22.8 34.2

Instrument :

MSVOA_D

ClientSampleId :

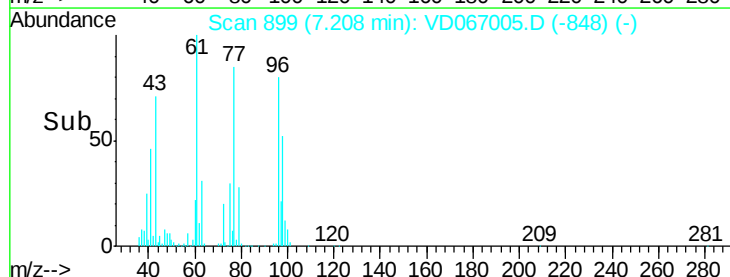
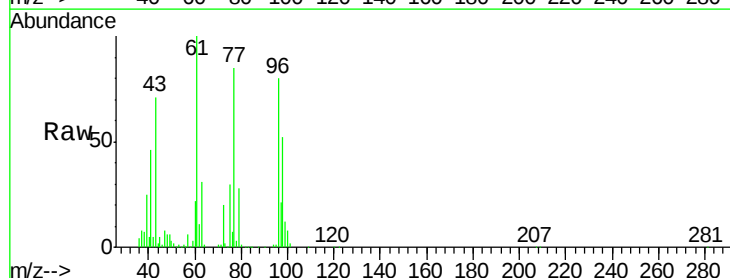
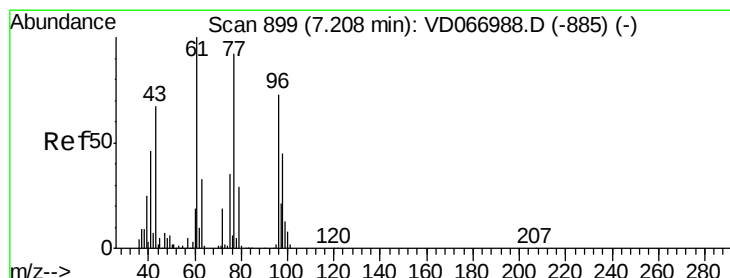
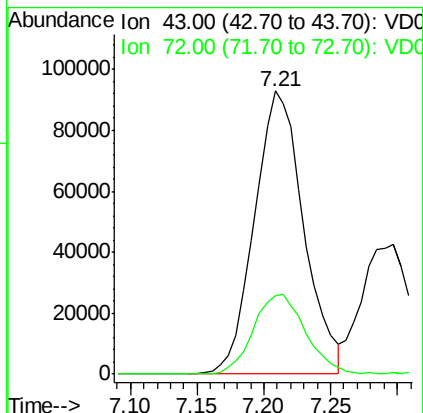
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 51.912 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067005.D

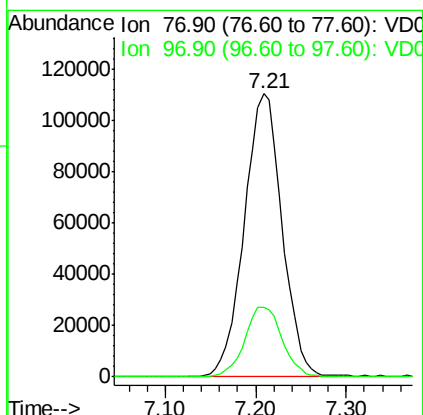
Acq: 01 Oct 2020 20:59

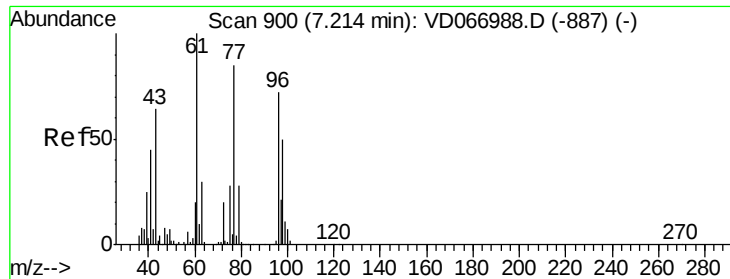
Tgt Ion: 77 Resp: 321427

Ion Ratio Lower Upper

77 100

97 24.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 56.644 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

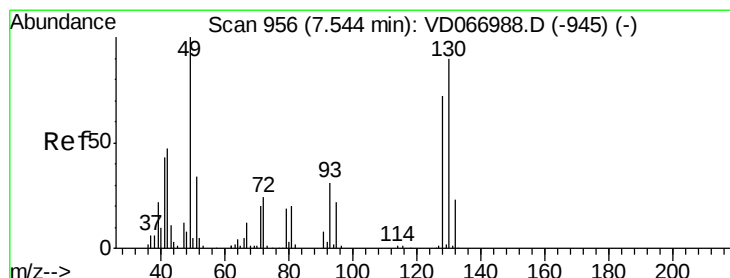
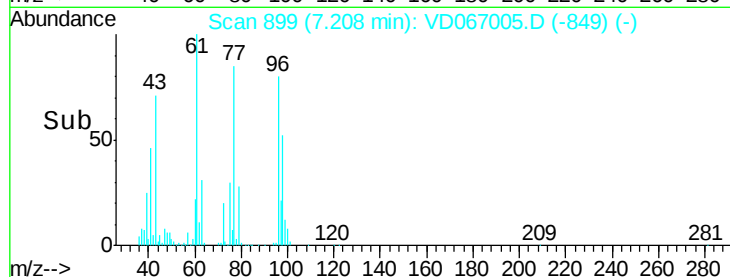
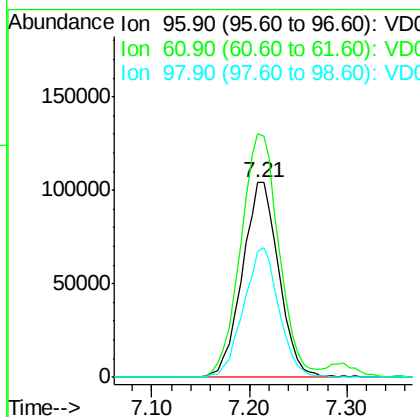
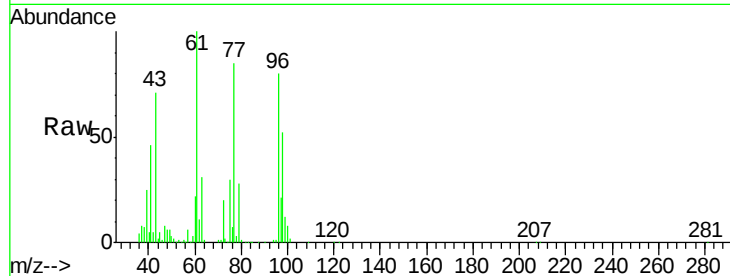
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	273198
Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	269.2
98	64.6	0.0	129.4

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#28

Bromochloromethane

Concen: 55.691 ug/l

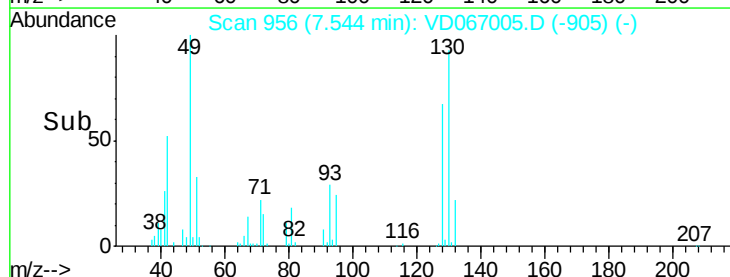
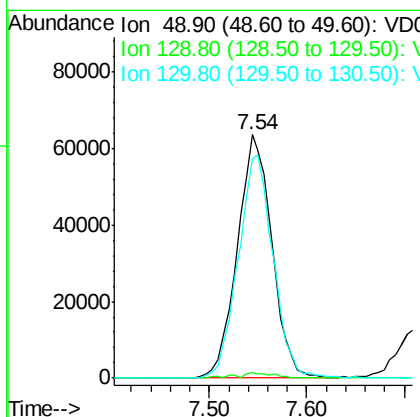
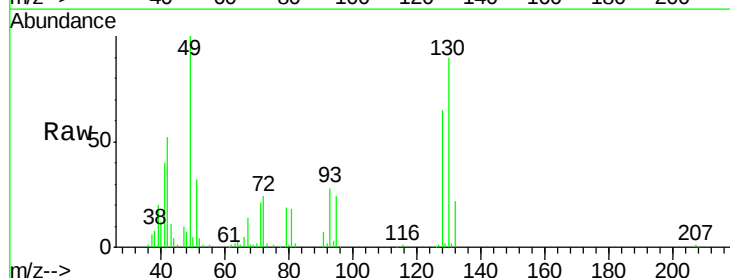
RT: 7.54 min Scan# 956

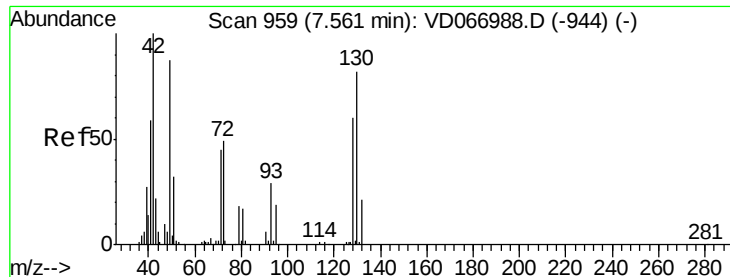
Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Tgt Ion:	49	Resp:	156210
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	92.7	74.1	111.1





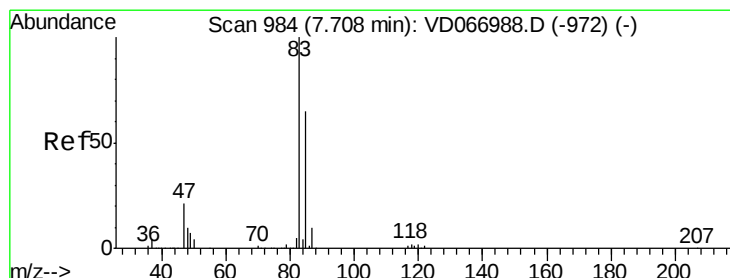
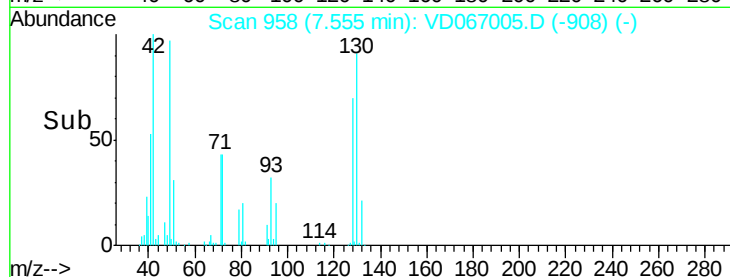
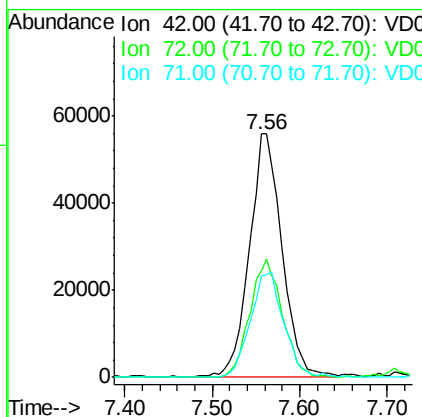
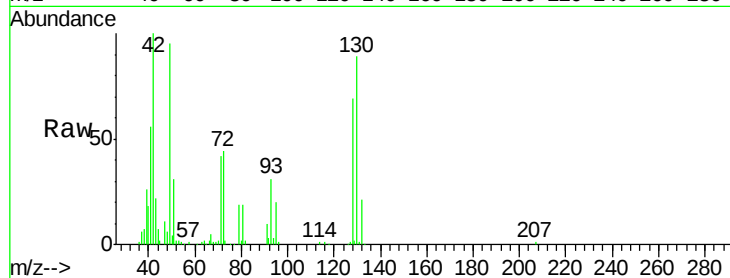
#29
Tetrahydrofuran
Concen: 283.783 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	39.1	58.7
71	43.8	34.2	51.4

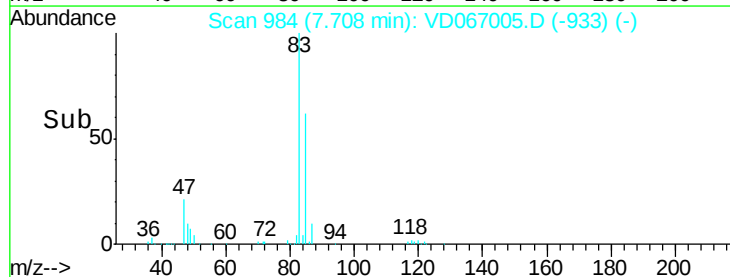
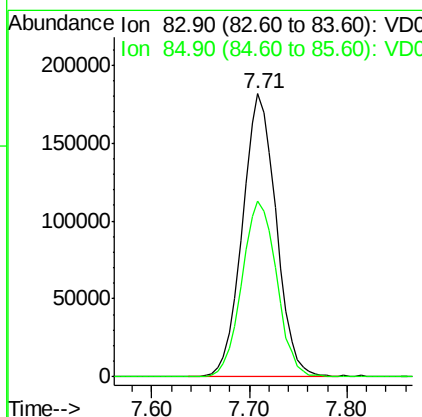
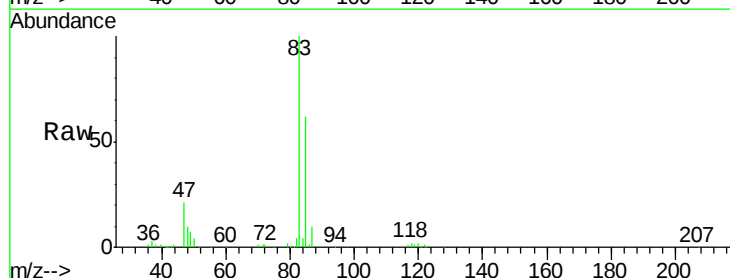
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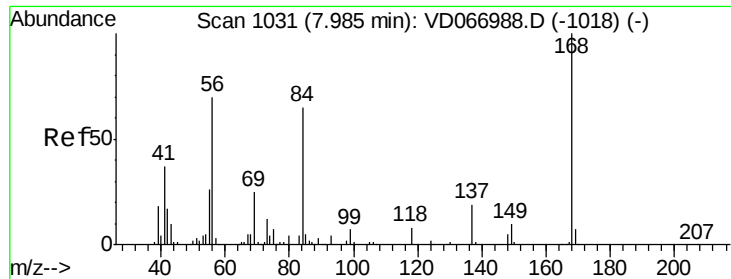
MMDadoda
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#30
Chloroform
Concen: 55.529 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.3	78.5





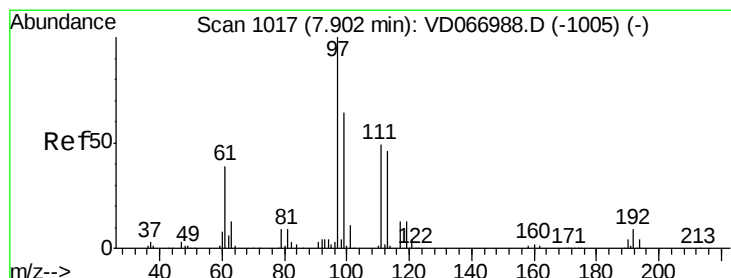
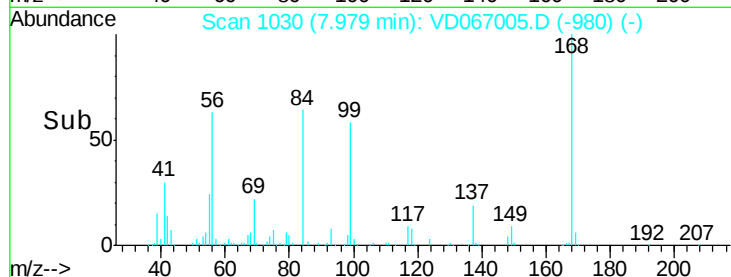
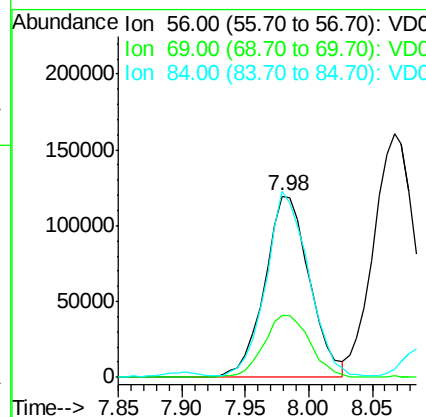
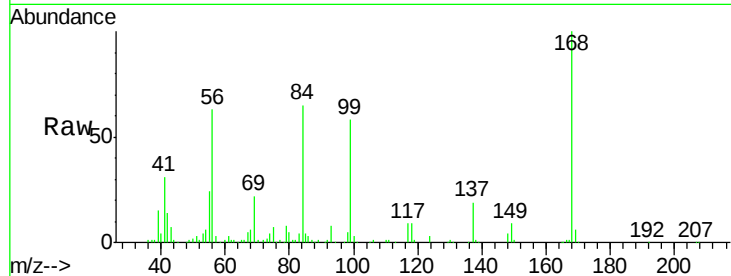
#31
Cyclohexane
Concen: 48.252 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	29.0	43.6
84	100.7	74.2	111.2

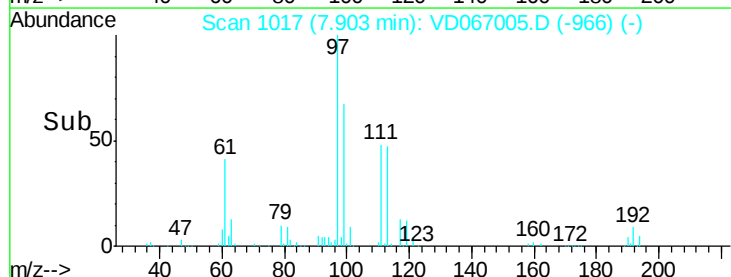
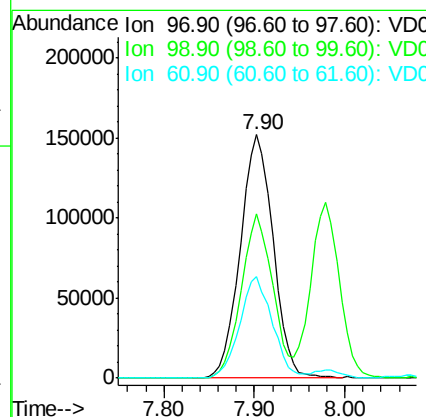
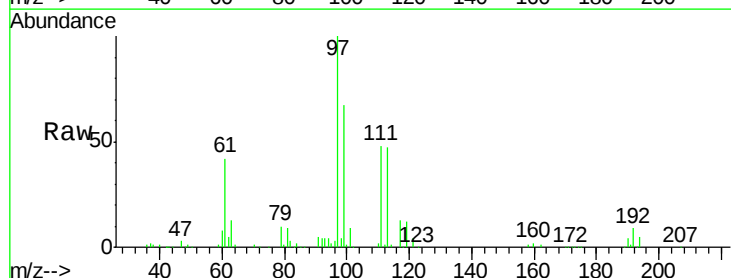
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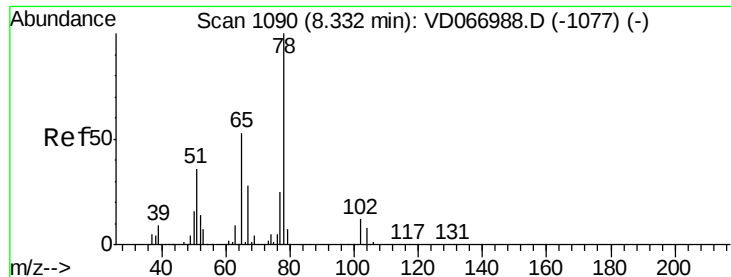
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#32
1,1,1-Trichloroethane
Concen: 52.571 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.6	78.8
61	41.4	32.8	49.2





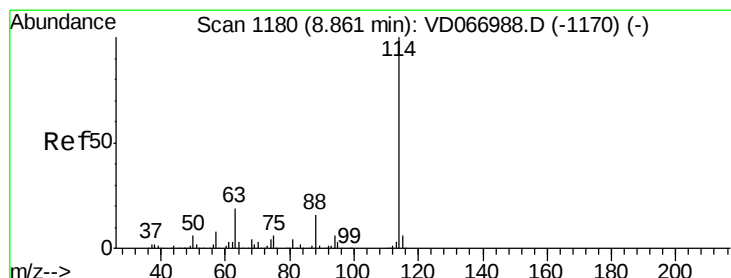
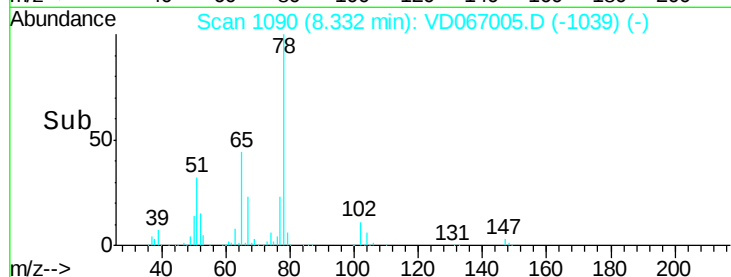
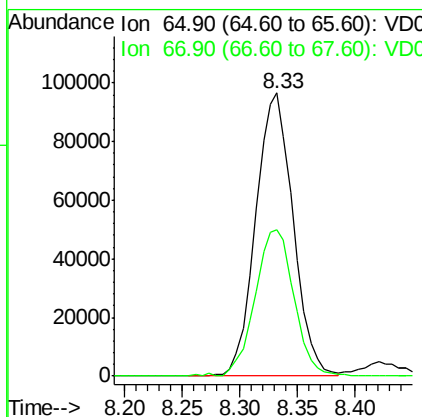
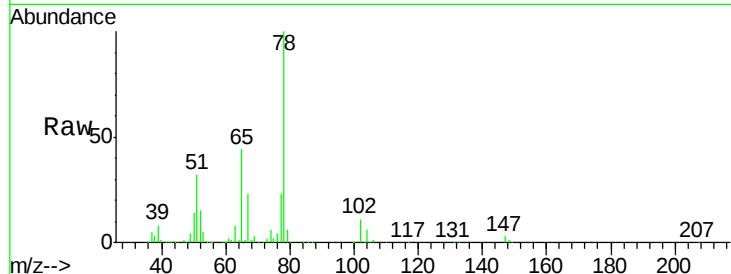
#33
 1,2-Dichloroethane-d4
 Concen: 53.655 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	217548		
67	53.7	0.0	106.8	

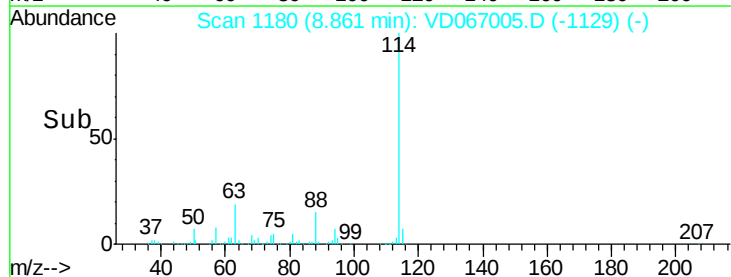
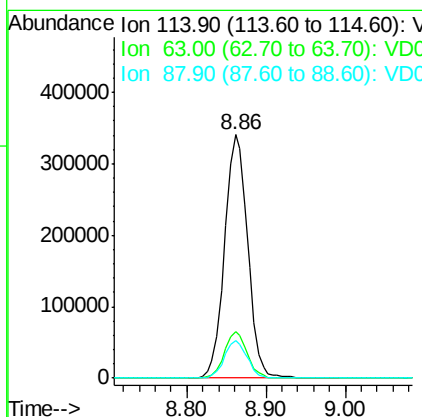
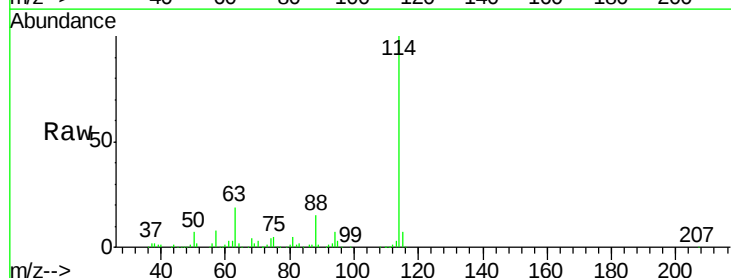
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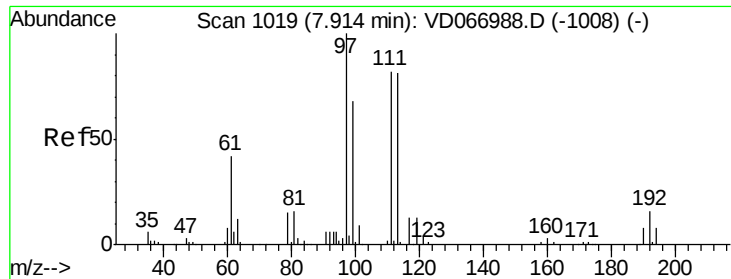
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	685798		
63	19.0	0.0	38.4	
88	15.4	0.0	31.2	





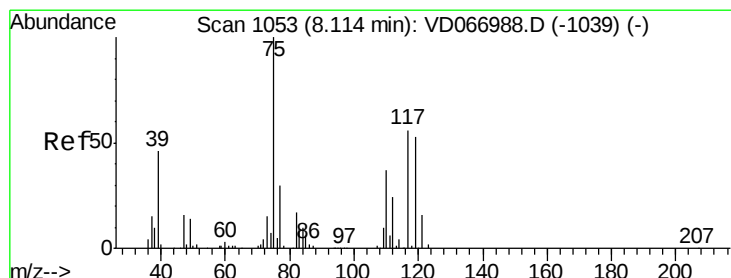
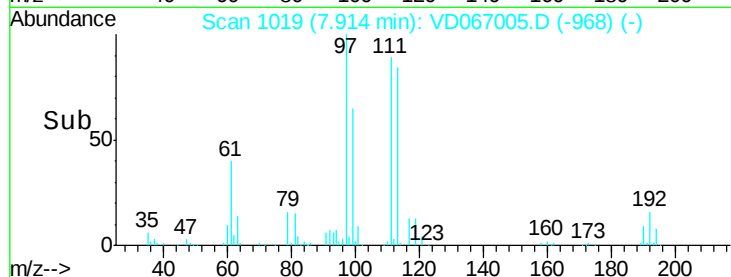
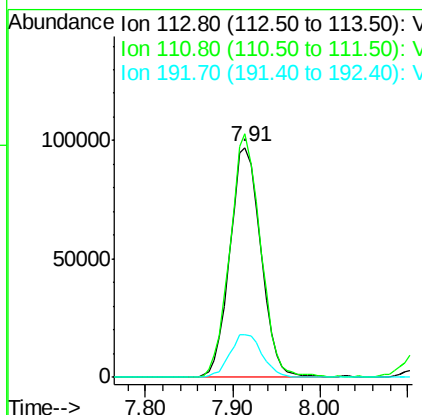
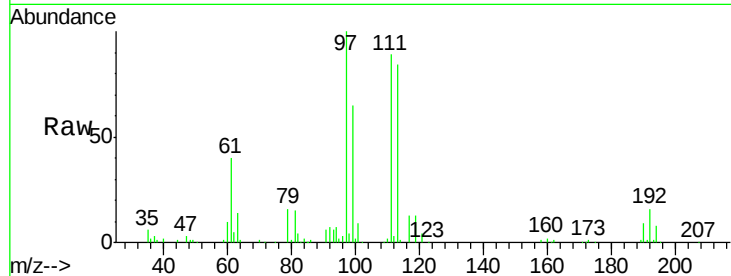
#35
Dibromofluoromethane
Concen: 52.010 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	233514		
111	104.1	83.0	124.4	
192	19.5	15.5	23.3	

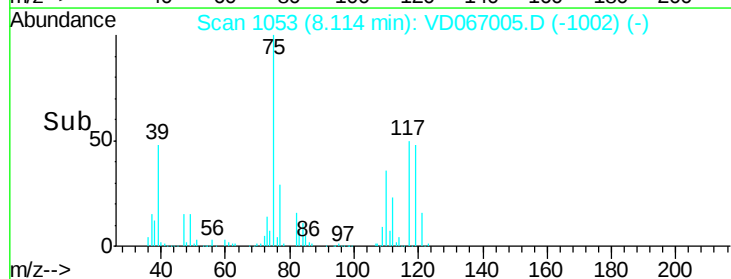
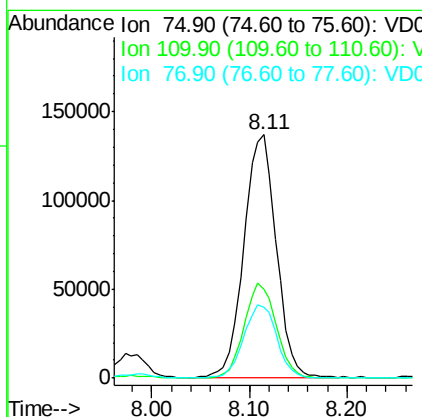
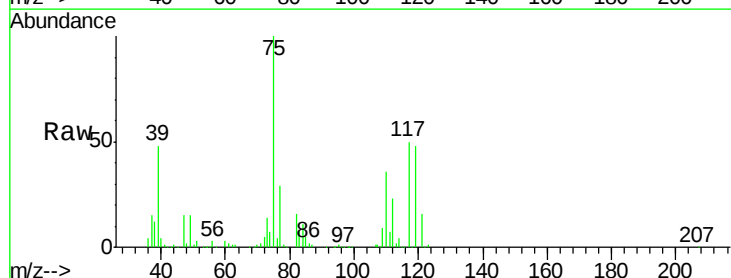
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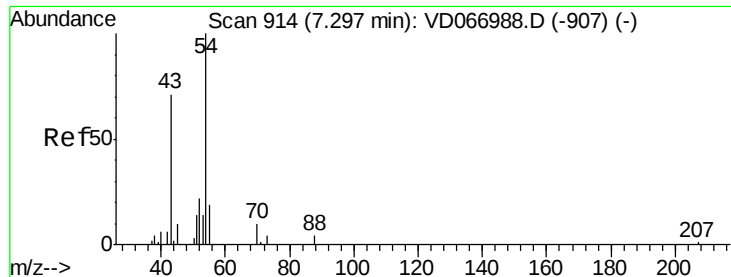
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#36
1,1-Dichloropropene
Concen: 49.433 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	315997		
110	38.9	18.4	55.0	
77	31.0	24.8	37.2	





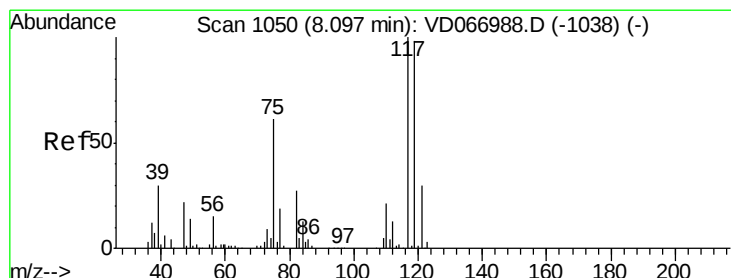
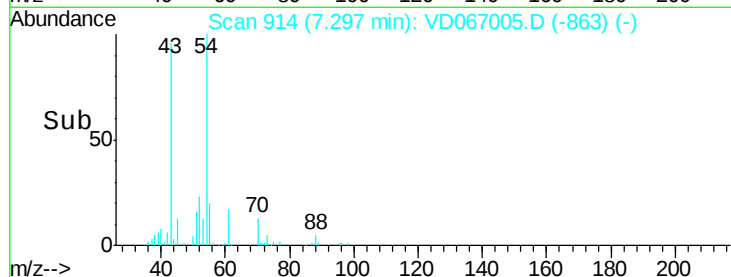
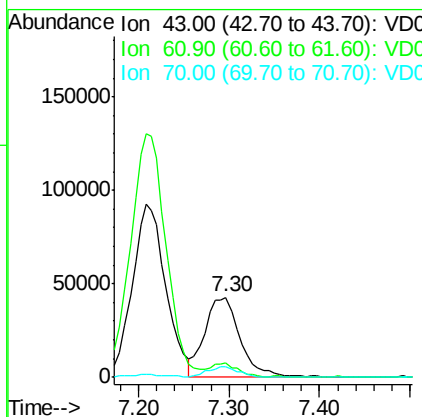
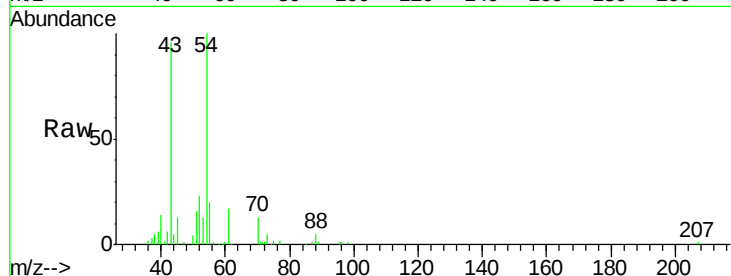
#37
Ethyl Acetate
Concen: 51.996 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	12.5	18.7
70	12.1	9.4	14.0

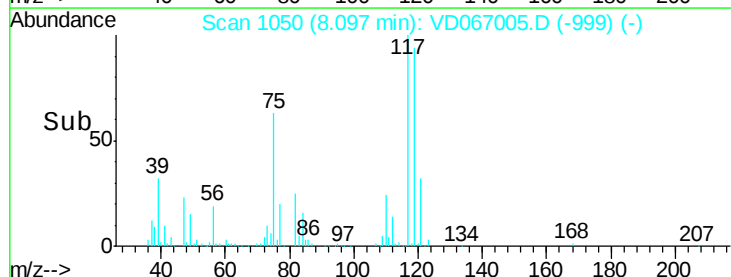
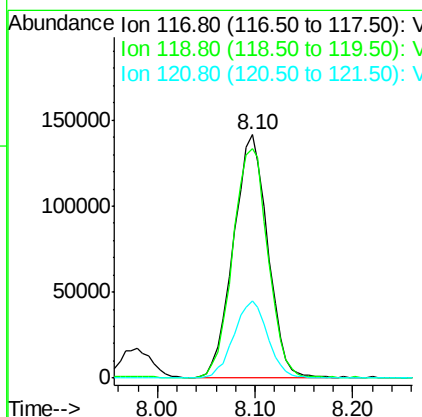
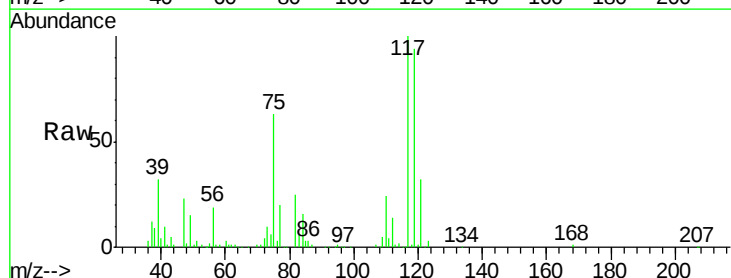
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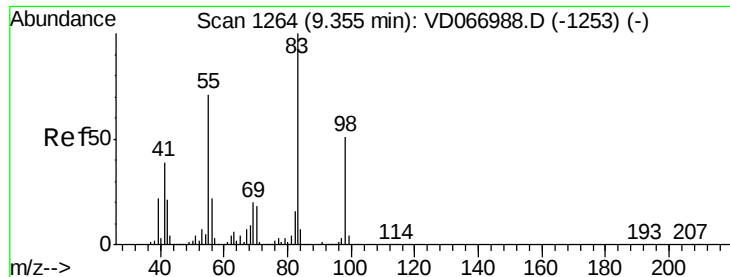
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#38
Carbon Tetrachloride
Concen: 49.714 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.7	118.1
121	31.9	24.2	36.2





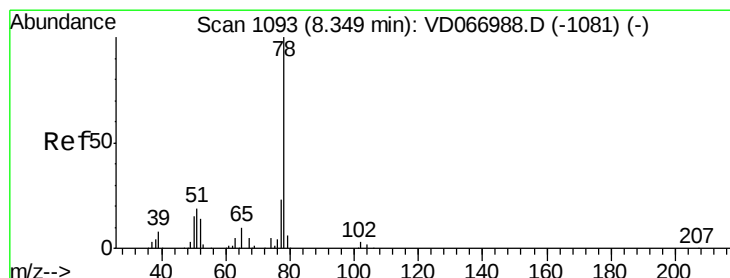
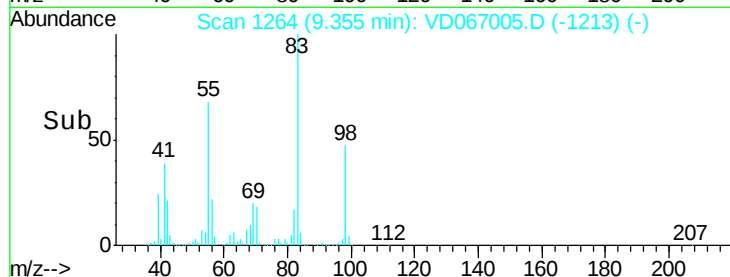
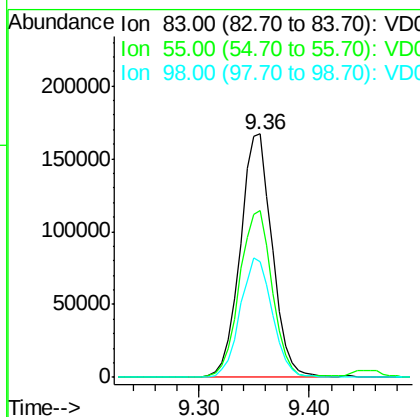
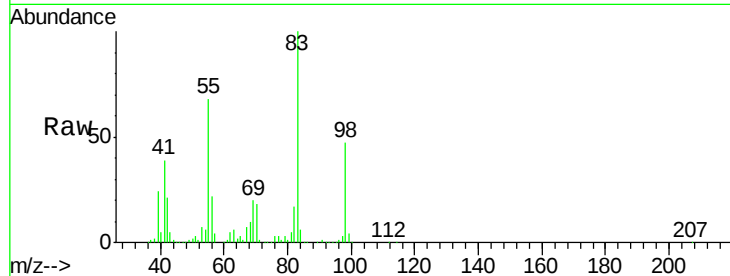
#39
Methvlcvclohexane
Concen: 50.357 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	57.1	85.7
98	47.3	40.9	61.3

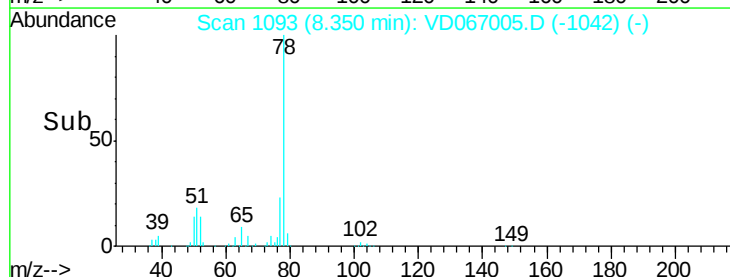
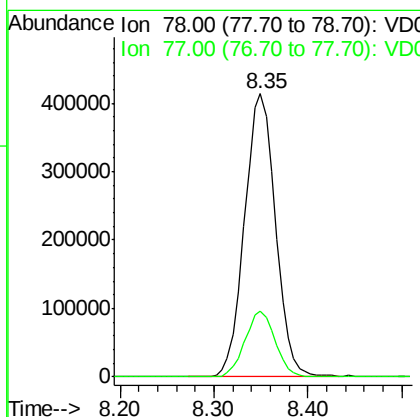
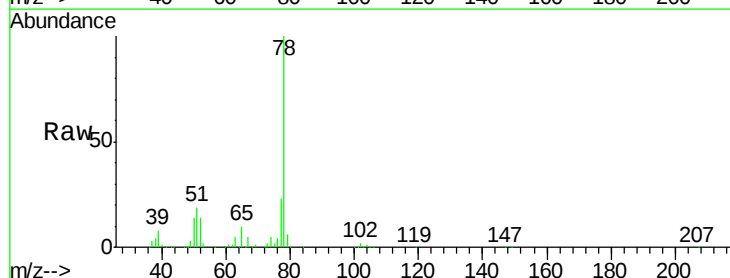
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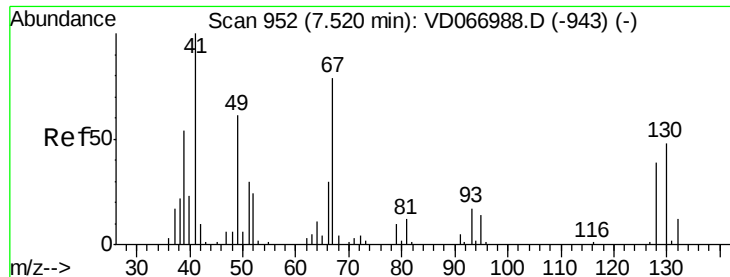
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#40
Benzene
Concen: 53.121 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.4	27.6





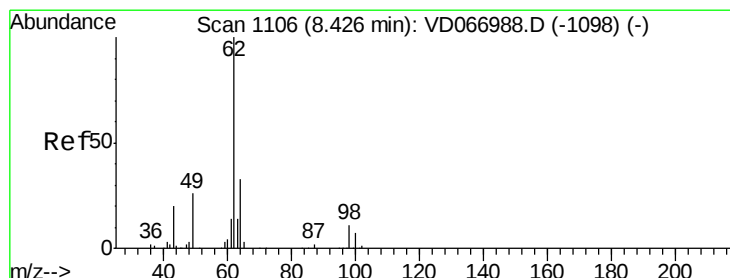
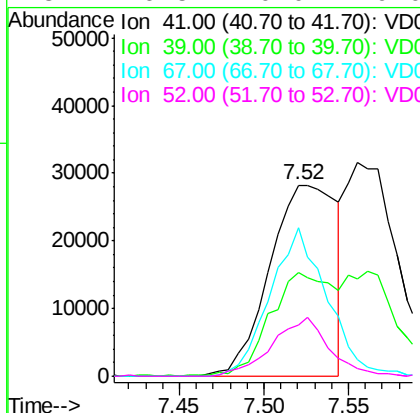
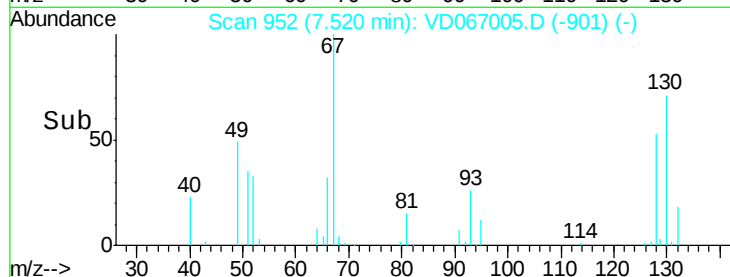
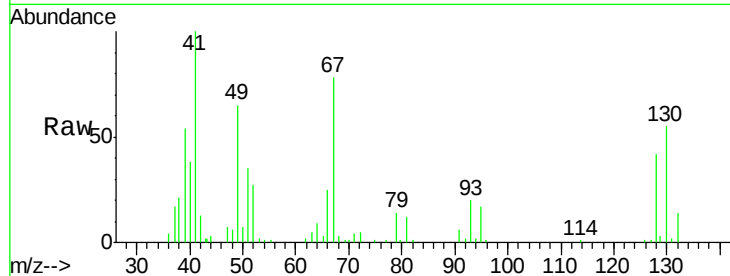
#41
Methacrylonitrile
Concen: 64.549 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.0	0.0	0.0#
67	67.0	0.0	0.0#
52	26.5	0.0	0.0#

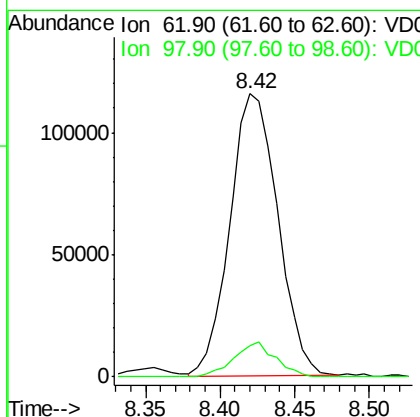
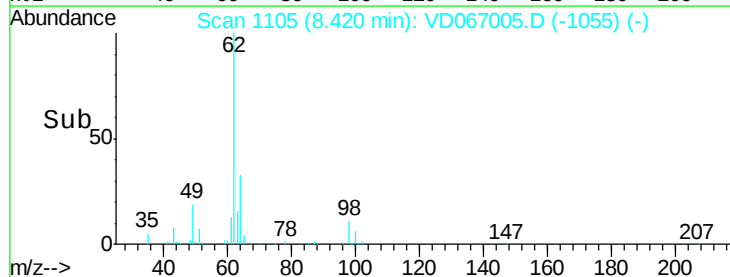
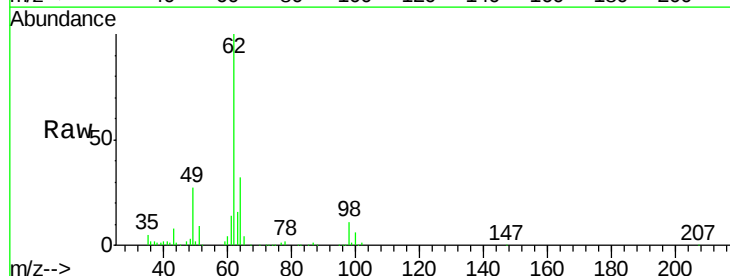
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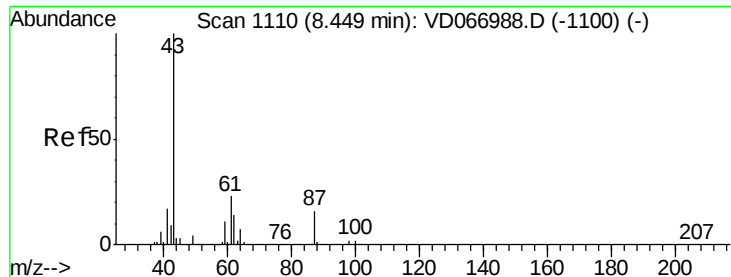
MMDadoda
10/2/2020 3:13:34 PM



#42
1,2-Dichloroethane
Concen: 51.930 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.6





#43

Isopropyl Acetate

Concen: 54.248 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

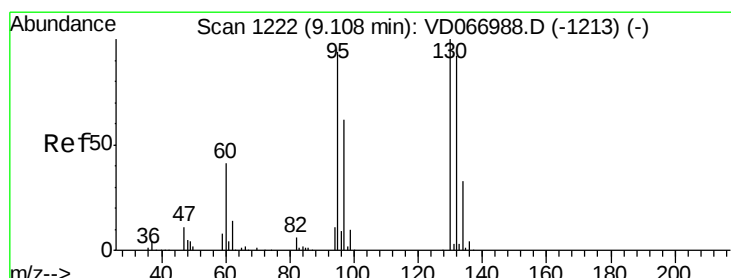
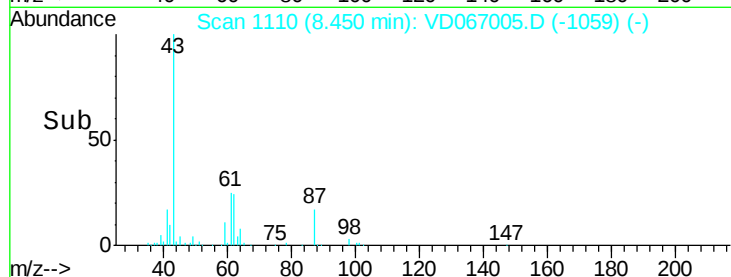
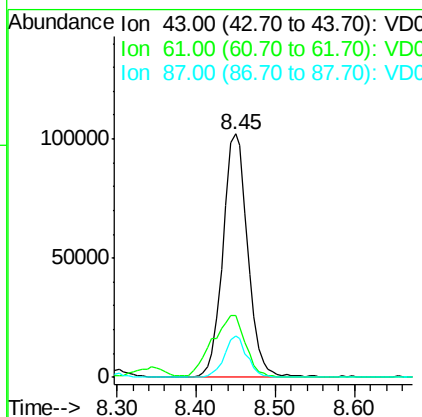
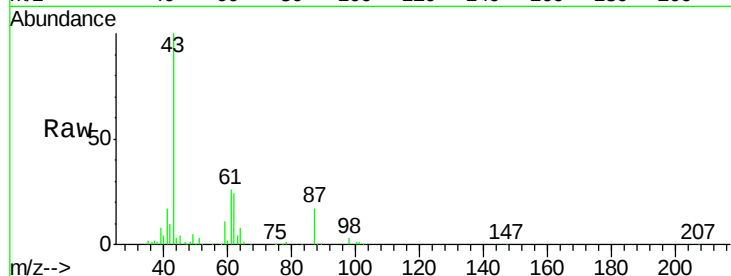
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	221311
Ion	Ratio	Lower	Upper
43	100		
61	34.1	27.1	40.7
87	15.5	12.3	18.5

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10/2/2020 3:13:34 PM



#44

Trichloroethene

Concen: 51.204 ug/l

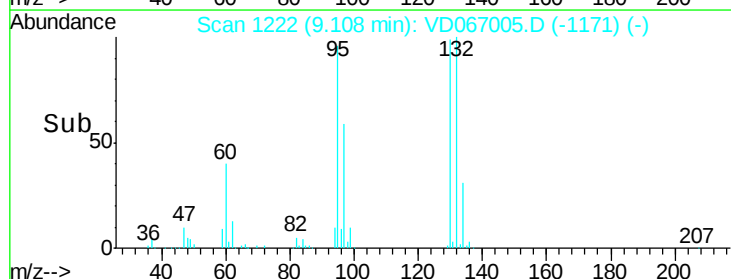
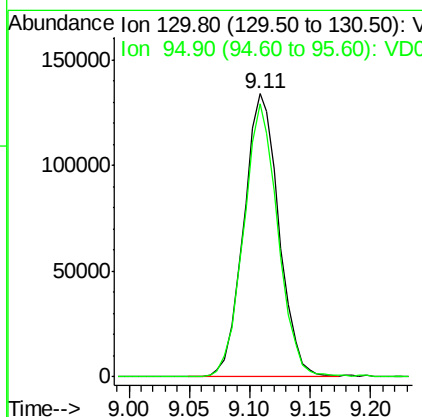
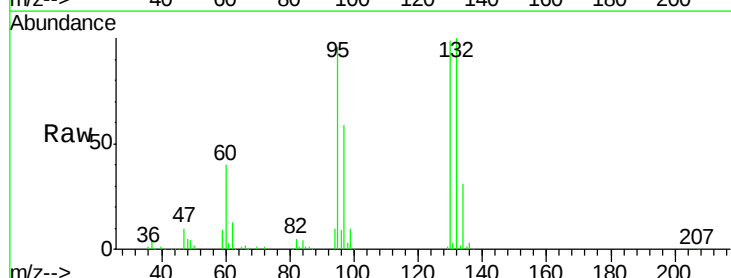
RT: 9.11 min Scan# 1222

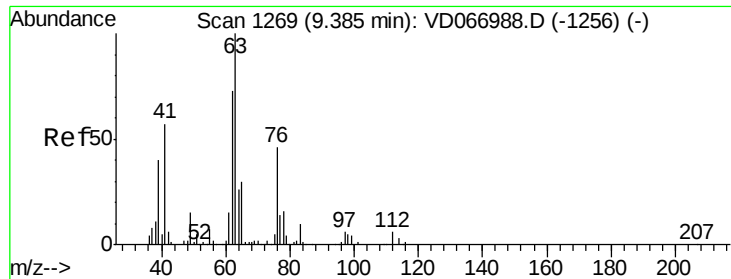
Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Tgt Ion:	130	Resp:	271480
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	187.8





#45

1,2-Dichloropropane

Concen: 54.431 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 227075

Ion Ratio Lower Upper

63 100

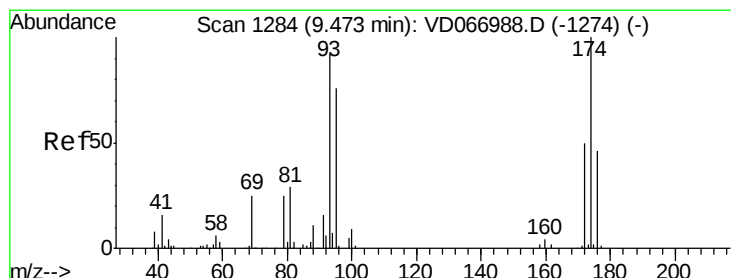
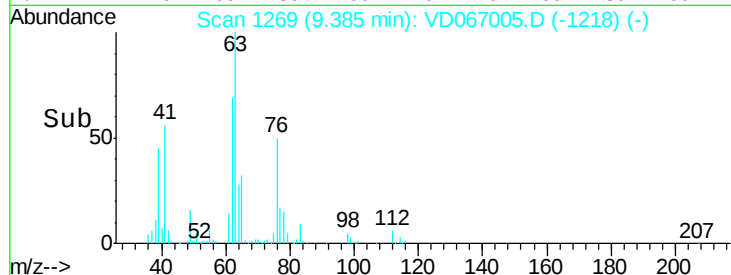
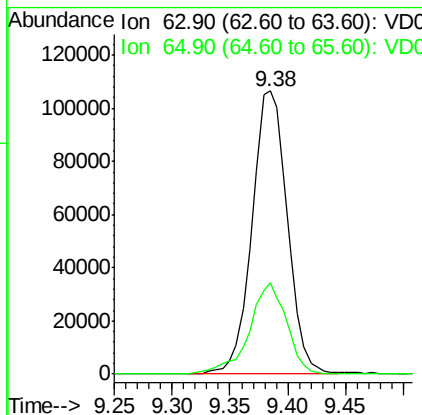
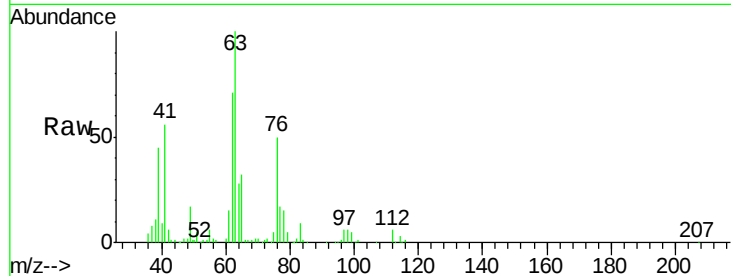
65 32.1 23.7 35.5

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10/2/2020 3:13:34 PM



#46

Dibromomethane

Concen: 52.704 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

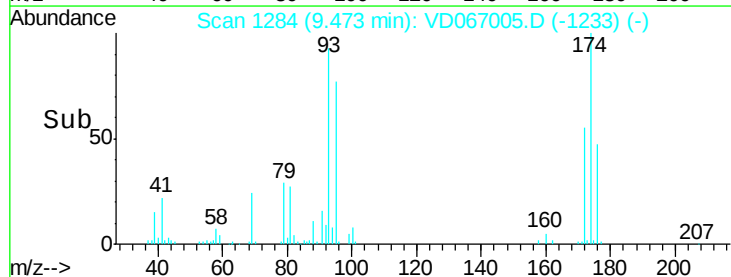
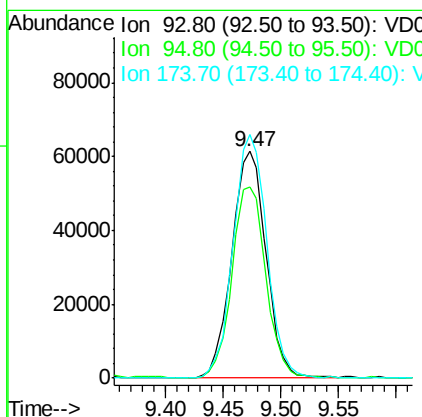
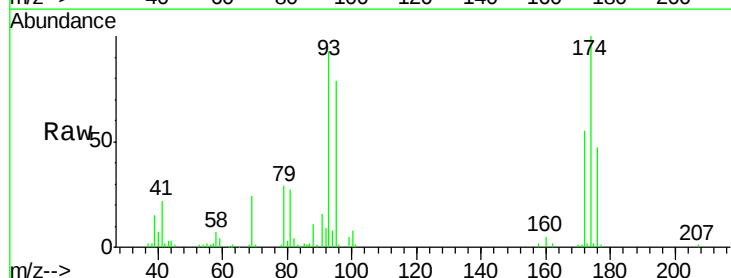
Tgt Ion: 93 Resp: 126370

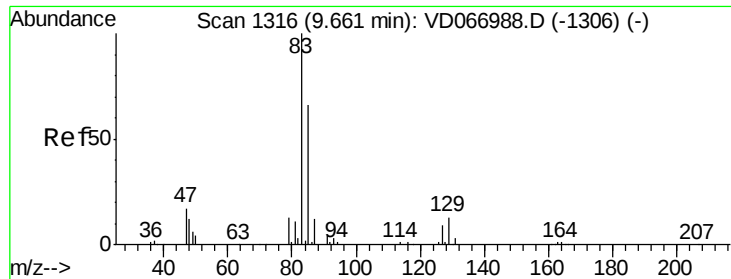
Ion Ratio Lower Upper

93 100

95 83.8 64.7 97.1

174 105.0 81.4 122.2





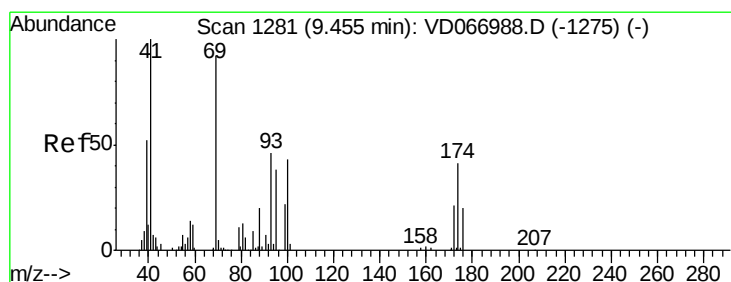
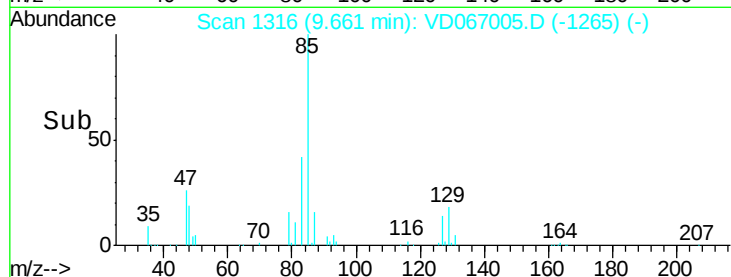
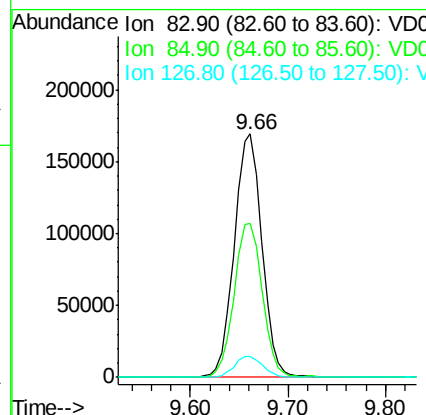
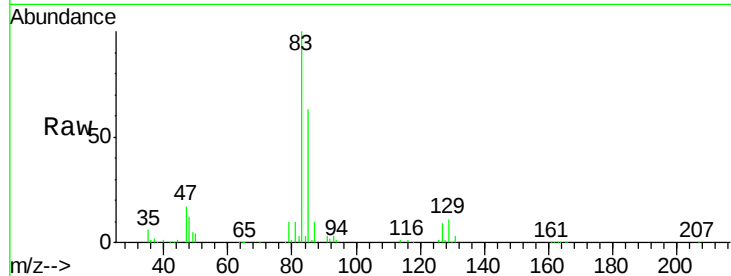
#47
Bromodichloromethane
Concen: 53.630 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.1	52.9	79.3	
127	8.6	7.3	10.9	

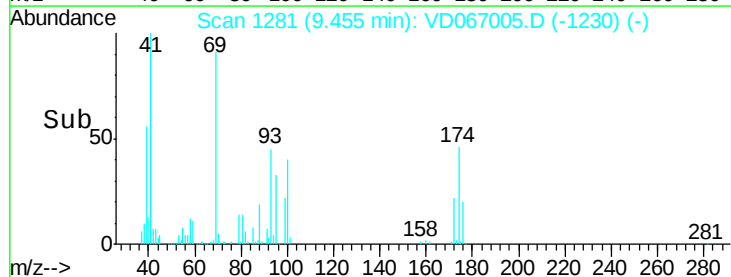
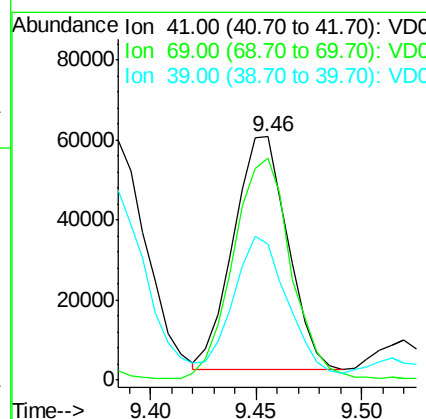
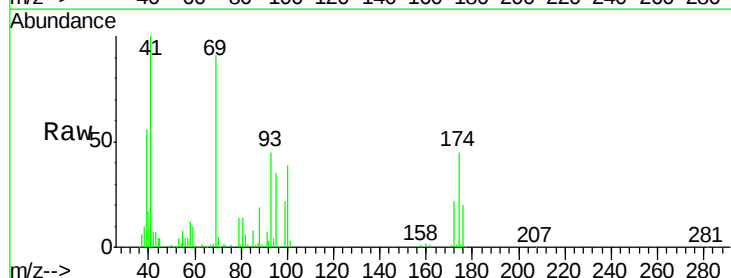
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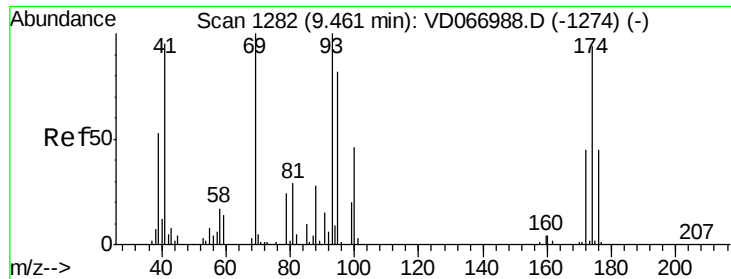
MMDadoda
10/2/2020 3:13:34 PM



#48
Methyl methacrylate
Concen: 49.953 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	102.5	68.5	102.7	
39	64.3	40.2	60.2#	





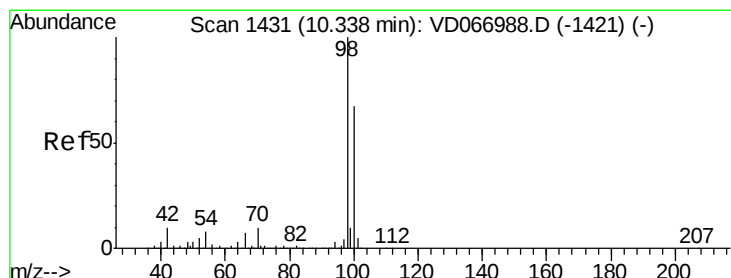
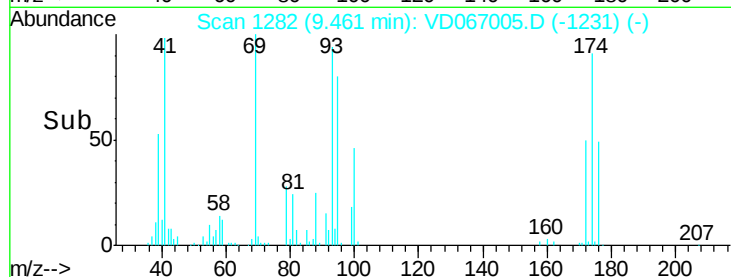
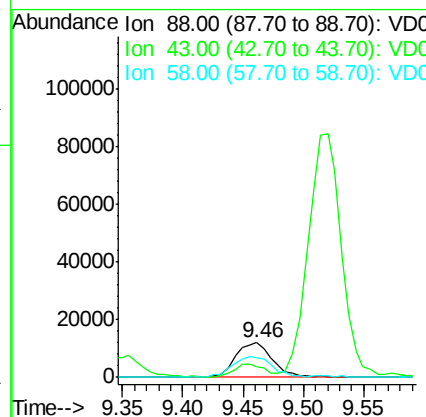
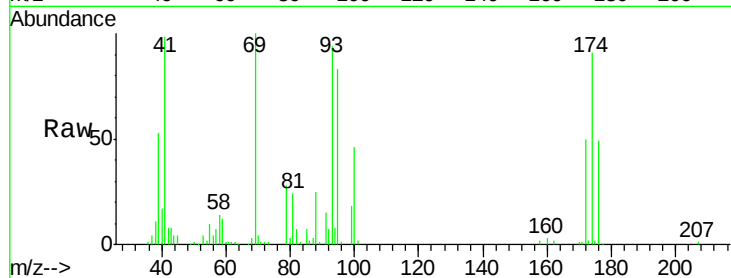
#49
1,4-Dioxane
Concen: 1031.335 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	25809
Ion	Ratio	Lower	Upper
88	100		
43	31.2	25.6	38.4
58	64.4	53.5	80.3

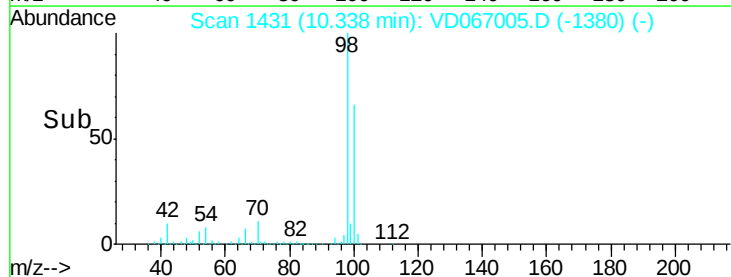
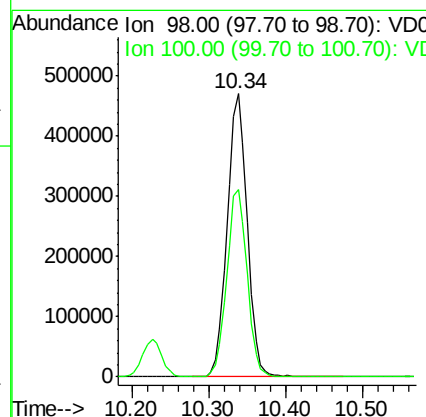
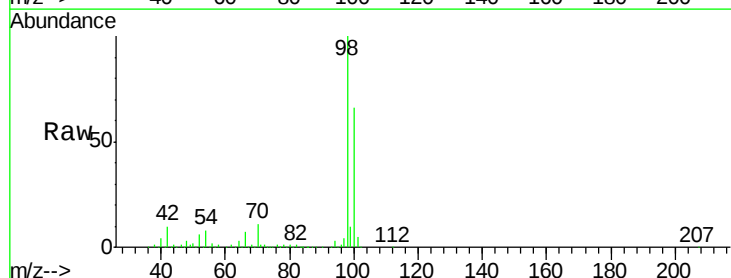
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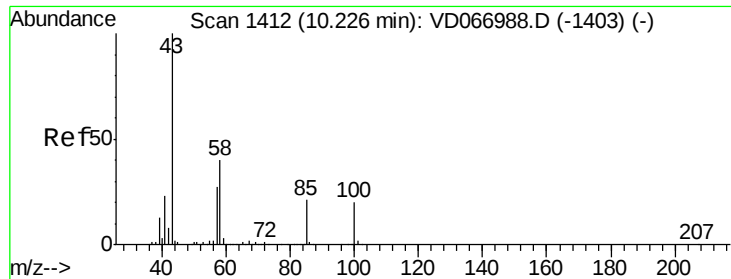
MMDadoda
10/2/2020 3:13:34 PM



#50
Toluene-d8
Concen: 51.977 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	98	Resp	850361
Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 273.722 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 556213

Ion Ratio Lower Upper

43 100

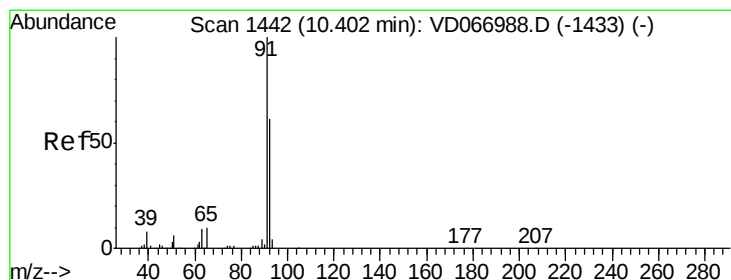
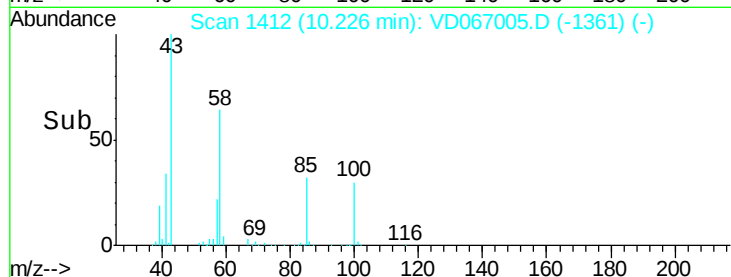
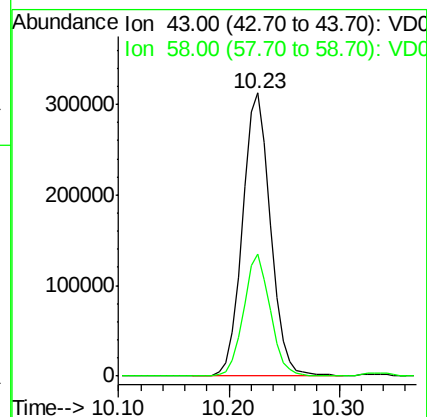
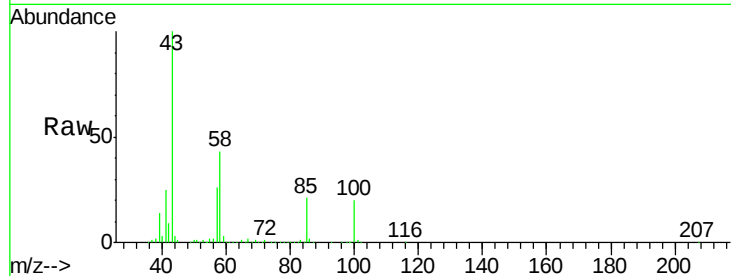
58 41.3 33.8 50.8

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MMDadoda

10/2/2020 3:13:34 PM



#52

Toluene

Concen: 54.706 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067005.D

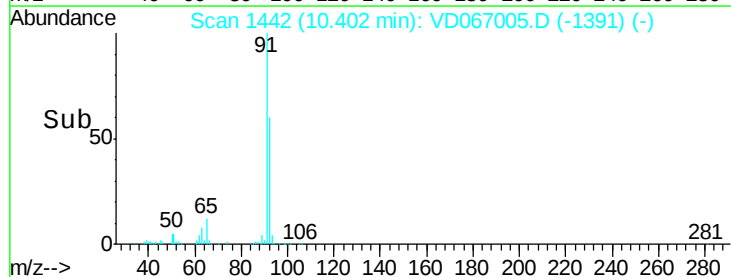
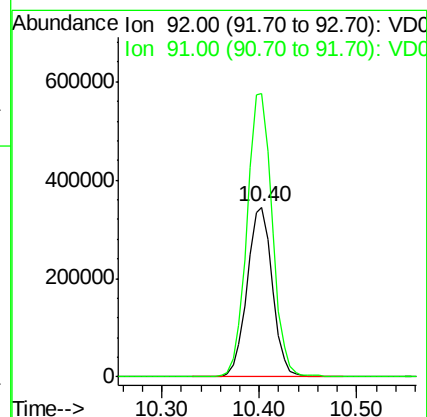
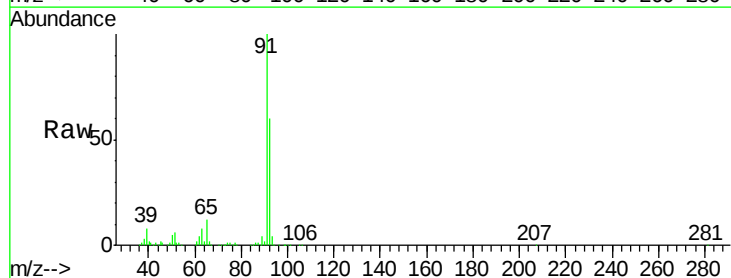
Acq: 01 Oct 2020 20:59

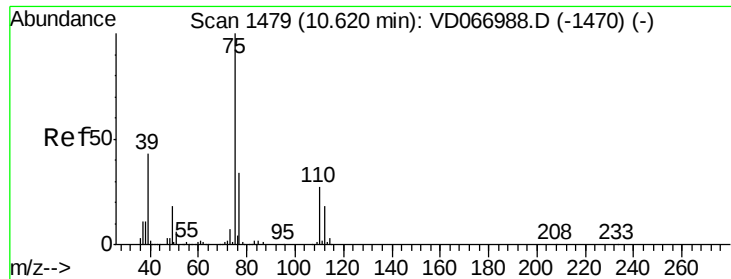
Tgt Ion: 92 Resp: 625693

Ion Ratio Lower Upper

92 100

91 167.6 135.1 202.7





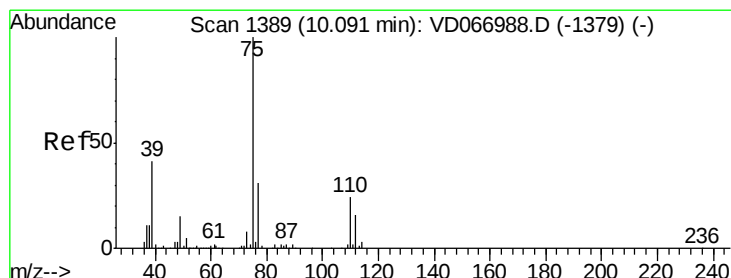
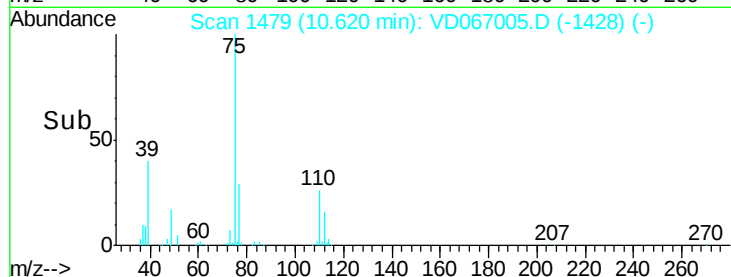
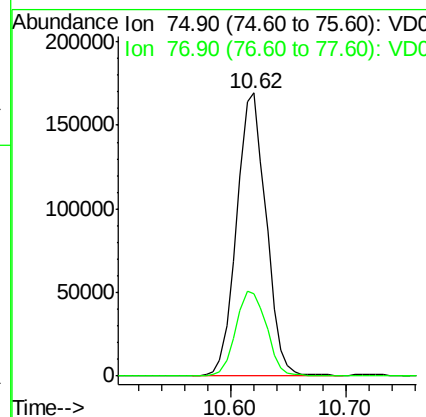
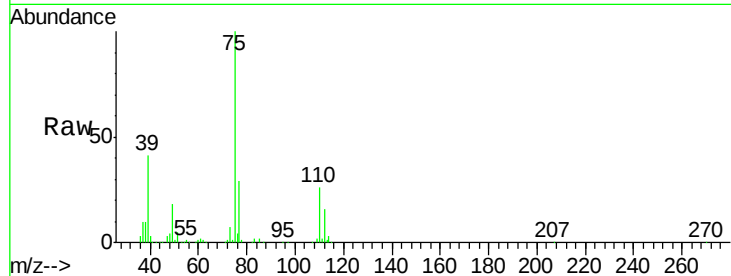
#53
 t-1,3-Dichloropropene
 Concen: 53.959 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 300576
 Ion Ratio Lower Upper
 75 100
 77 29.1 27.1 40.7

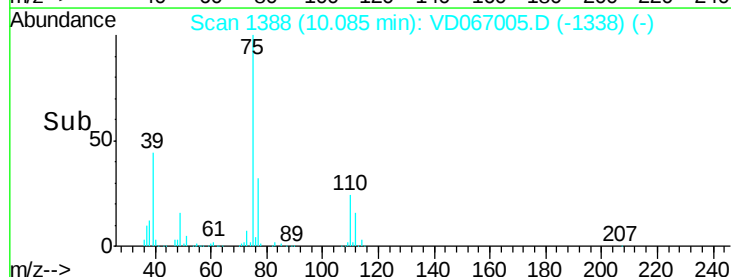
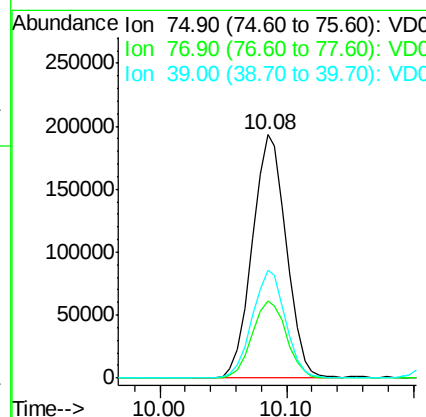
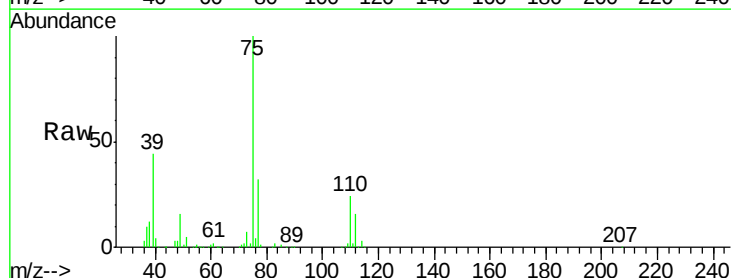
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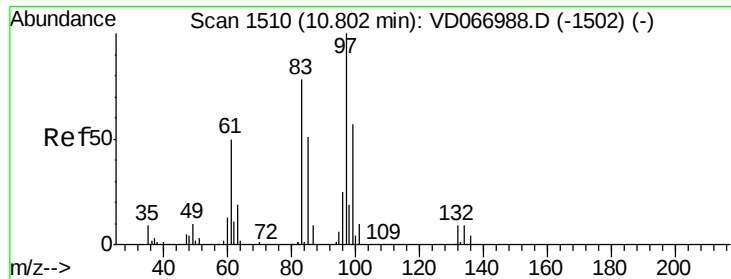
MMDadoda
 10/2/2020 3:13:34 PM



#54
 cis-1,3-Dichloropropene
 Concen: 53.090 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion: 75 Resp: 361126
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 37.0
 39 43.8 33.0 49.4





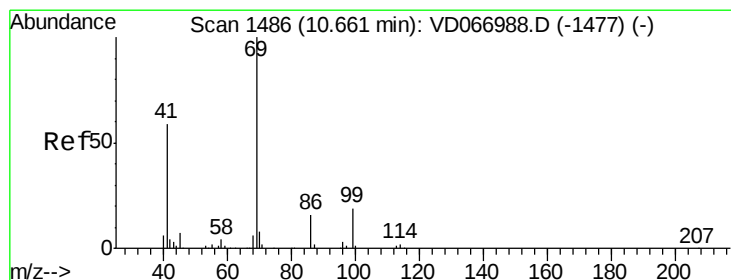
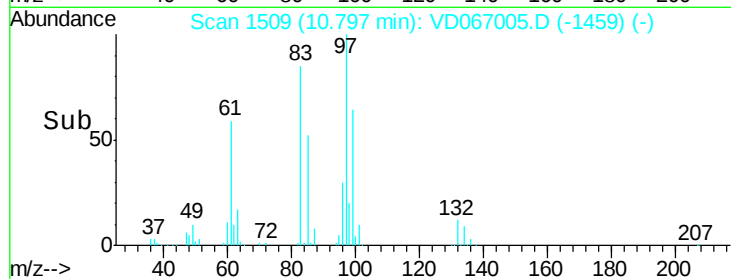
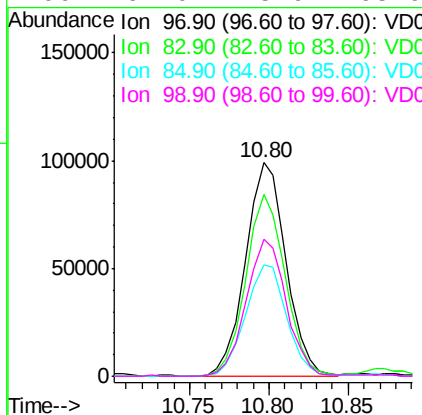
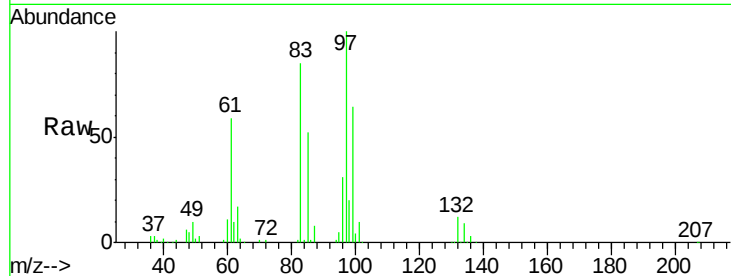
#55
 1,1,2-Trichloroethane
 Concen: 52.574 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	175260
Ion	Ratio	Lower	Upper
97	100		
83	85.3	62.4	93.6
85	52.1	41.0	61.4
99	64.0	45.9	68.9

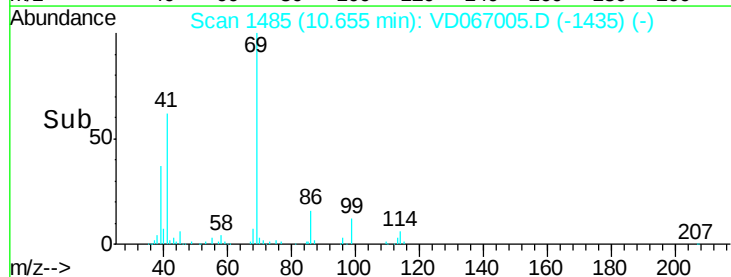
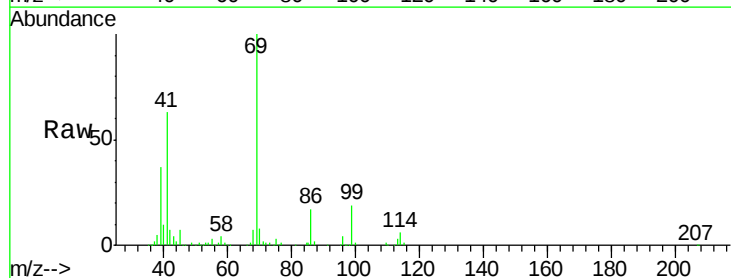
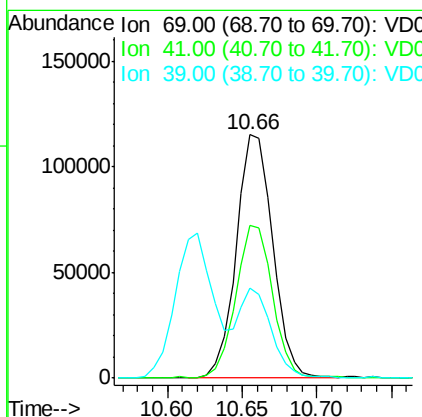
Manual Integrations
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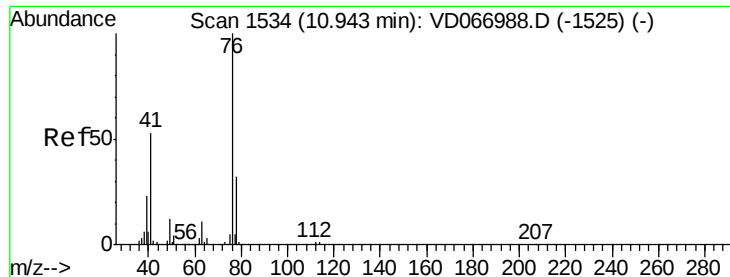
MMDadoda
 10/2/2020 3:13:34 PM



#56
 Ethyl methacrylate
 Concen: 56.931 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion	69	Resp	195941
Ion	Ratio	Lower	Upper
69	100		
41	63.3	46.4	69.6
39	30.7	23.8	35.6





#57

1,3-Dichloropropane

Concen: 54.108 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 292499

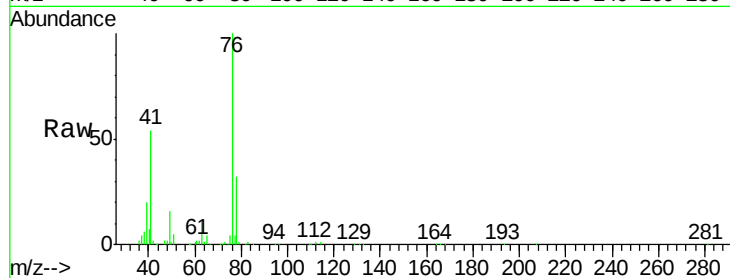
Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8

Manual Integrations
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MMDadoda
10/2/2020 3:13:34 PM



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.94

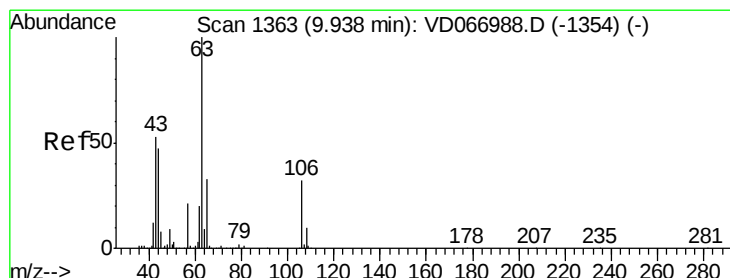
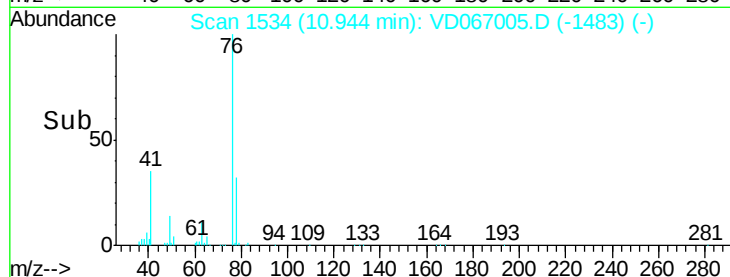
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 296.291 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067005.D

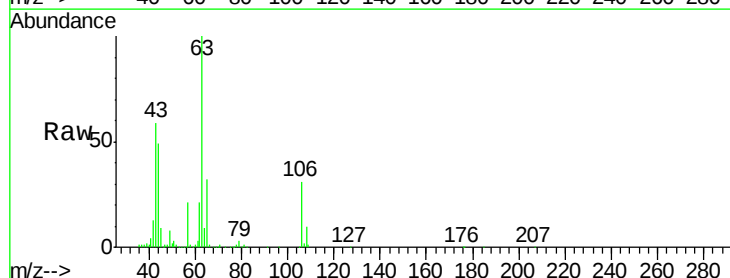
Acq: 01 Oct 2020 20:59

Tgt Ion: 63 Resp: 567579

Ion Ratio Lower Upper

63 100

106 31.5 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

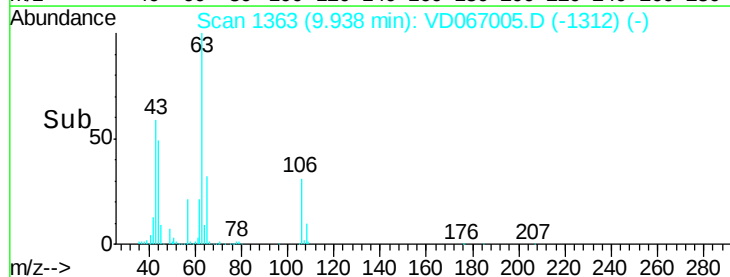
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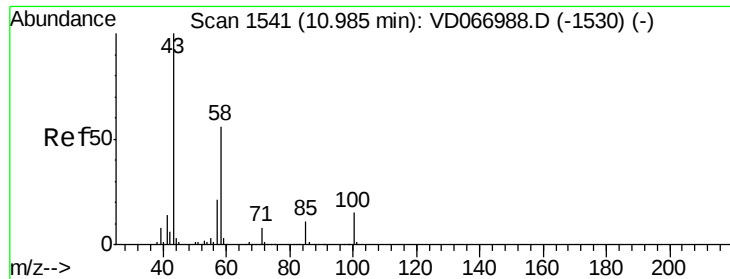
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100000

0

Time-->





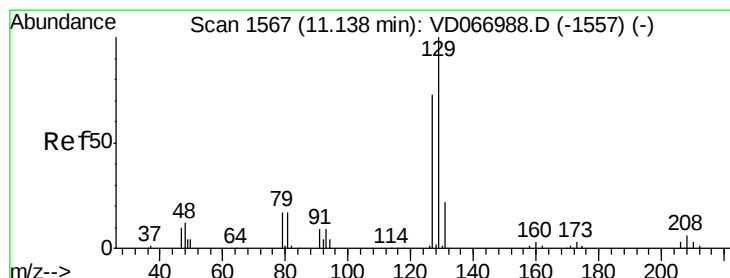
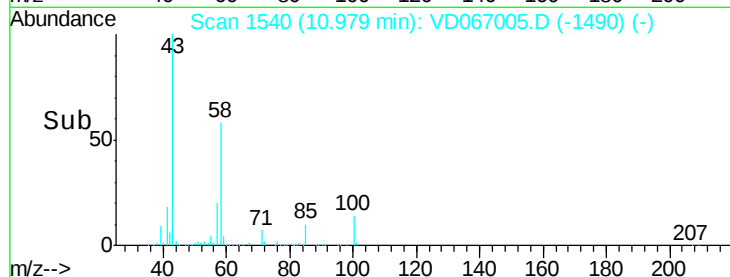
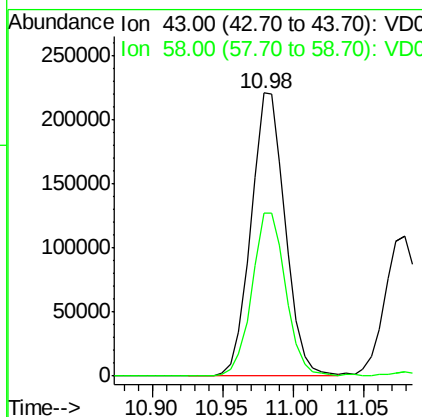
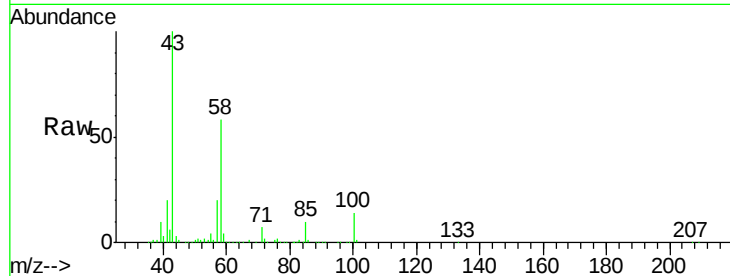
#59
2-Hexanone
Concen: 277.624 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	376532
Ion Ratio	100	Lower	Upper
43	100		
58	57.3	28.3	84.9

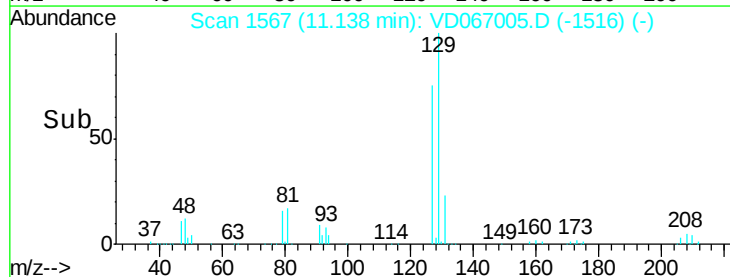
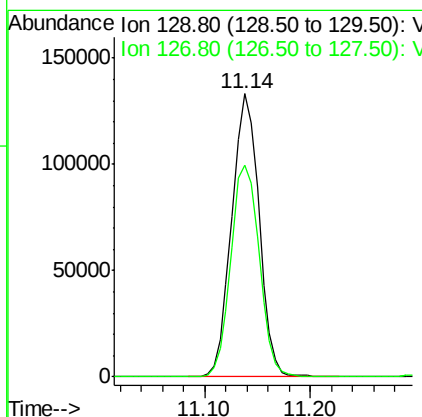
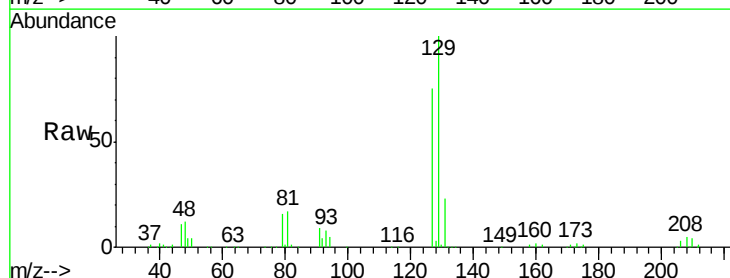
Manual Integrations
APPROVED

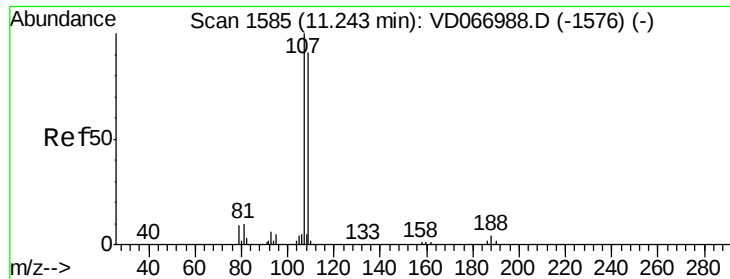
MMDadoda
10/2/2020 3:13:34 PM



#60
Dibromochloromethane
Concen: 53.711 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	129	Resp	238643
Ion Ratio	100	Lower	Upper
129	100		
127	77.9	37.4	112.1





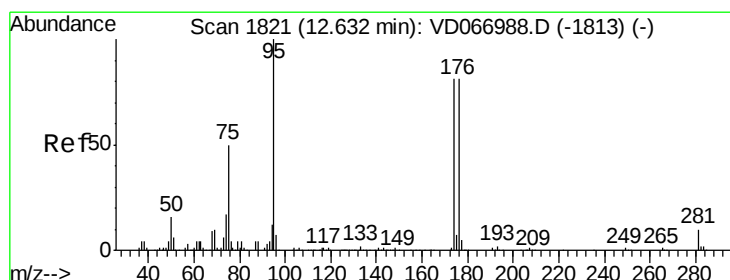
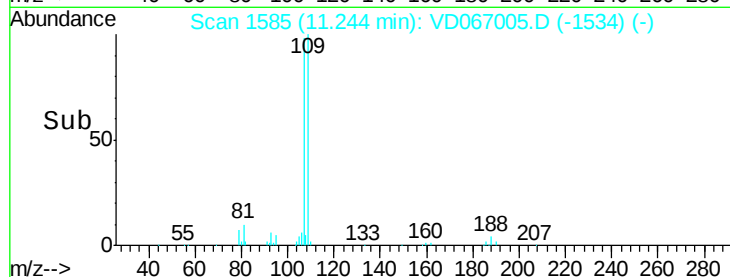
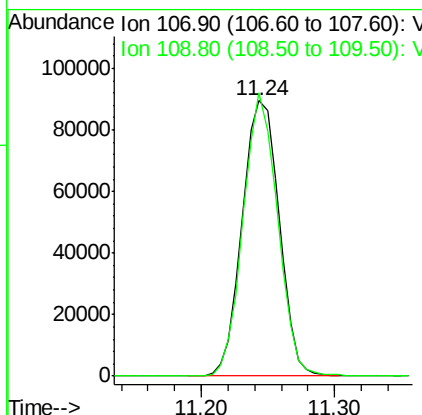
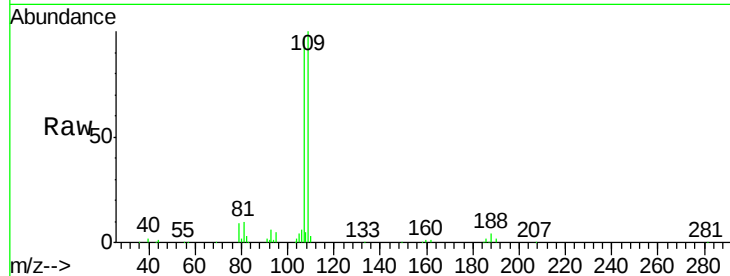
#61
 1,2-Dibromoethane
 Concen: 53.715 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	74.0	111.0

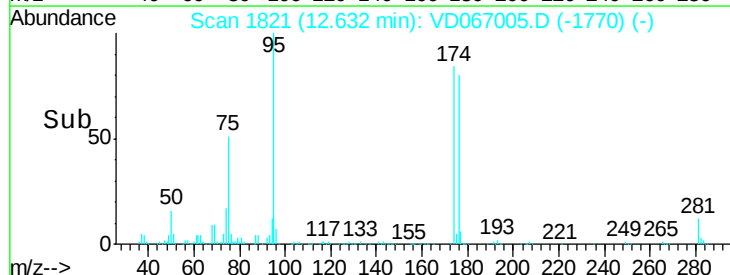
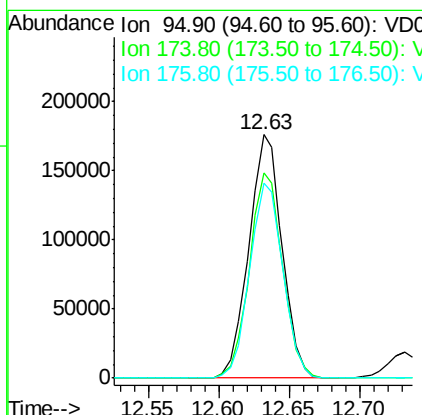
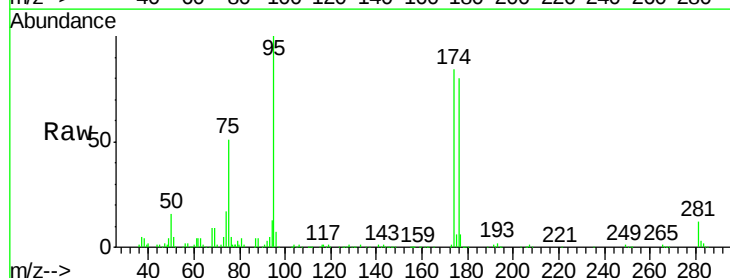
Manual Integrations
 APPROVED

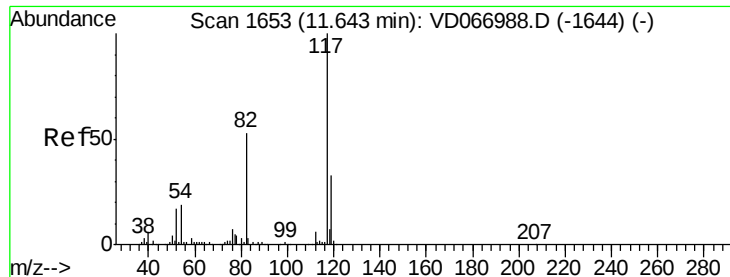
MMDadoda
 10/2/2020 3:13:34 PM



#62
 4-Bromofluorobenzene
 Concen: 52.356 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	167.6
176	80.4	0.0	162.4





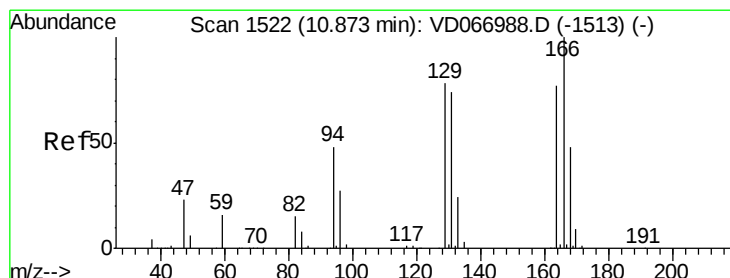
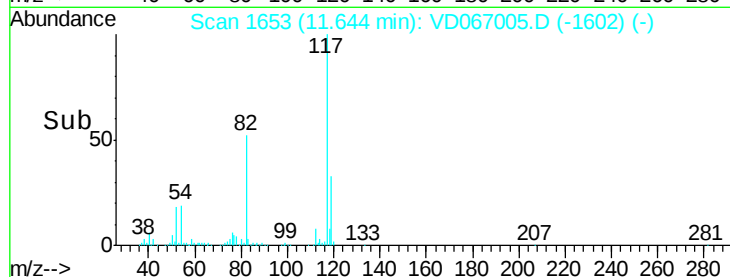
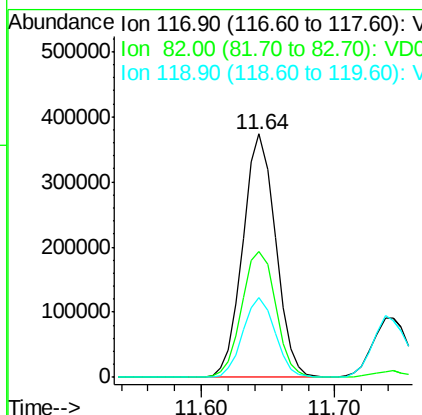
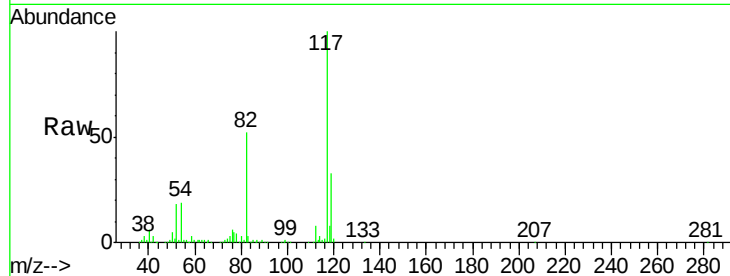
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.6	63.8
119	32.6	26.3	39.5

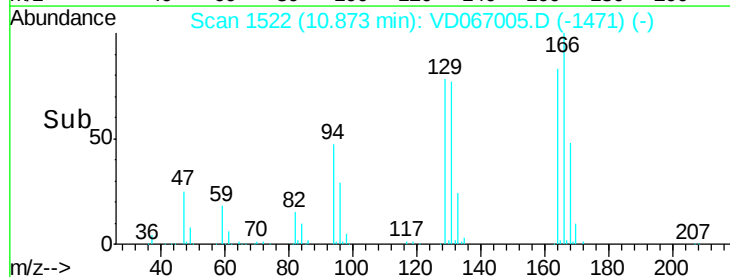
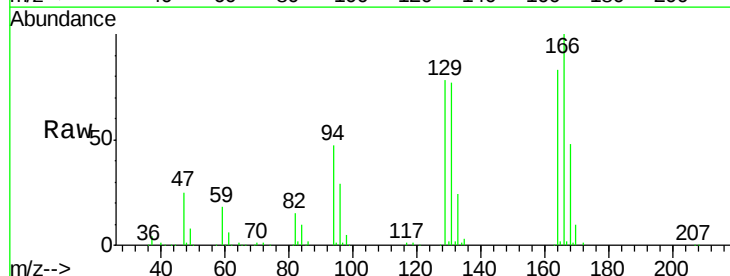
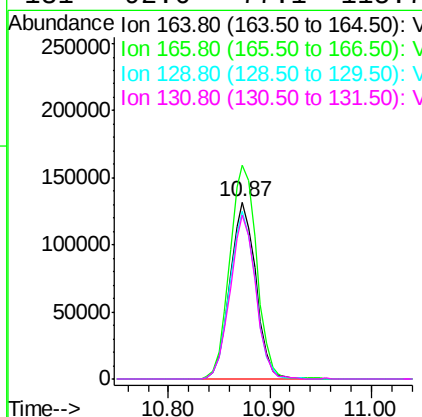
Manual Integrations
APPROVED

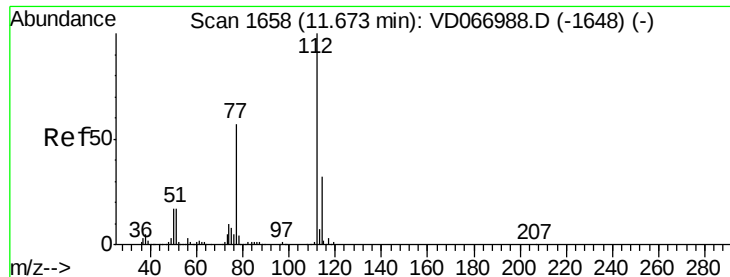
MMDadoda
10/2/2020 3:13:34 PM



#64
Tetrachloroethene
Concen: 50.145 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.6	104.4	156.6
129	94.5	81.3	121.9
131	92.6	77.1	115.7





#65

Chlorobenzene

Concen: 52.583 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 665392

Ion Ratio Lower Upper

112 100

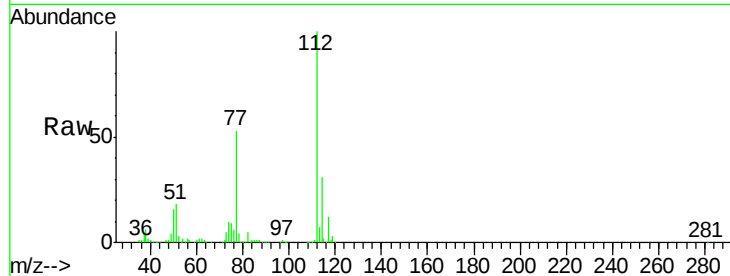
114 31.2 25.4 38.0

Manual Integrations

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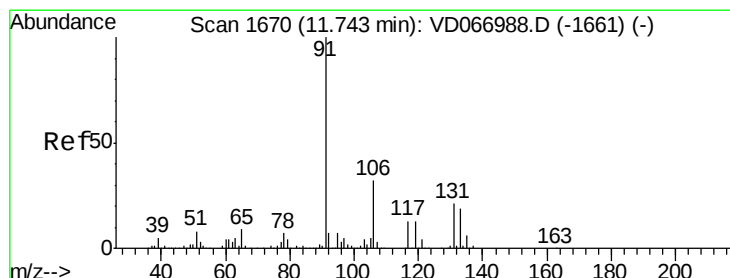
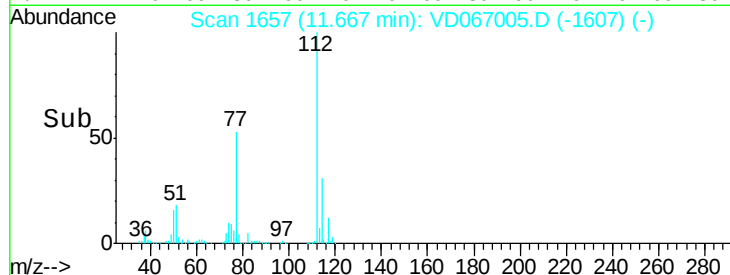
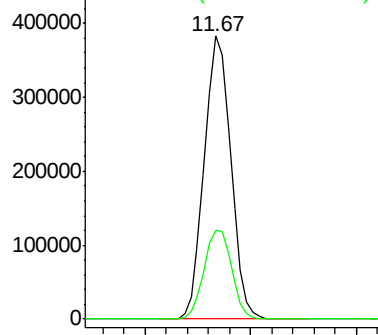
MMDadoda

10/2/2020 3:13:34 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.286 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

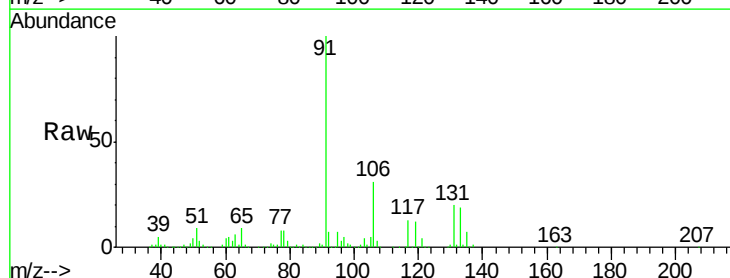
Tgt Ion:131 Resp: 246865

Ion Ratio Lower Upper

131 100

133 97.2 47.8 143.3

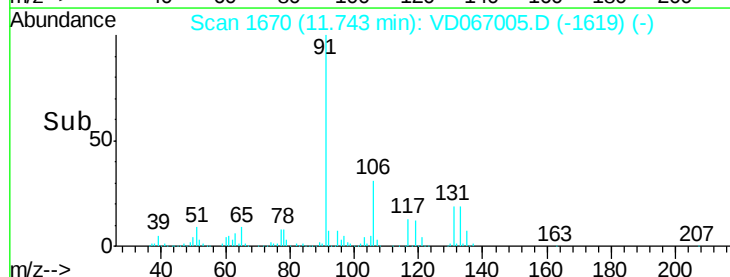
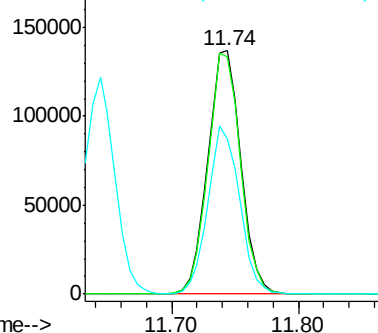
119 66.2 32.3 96.8

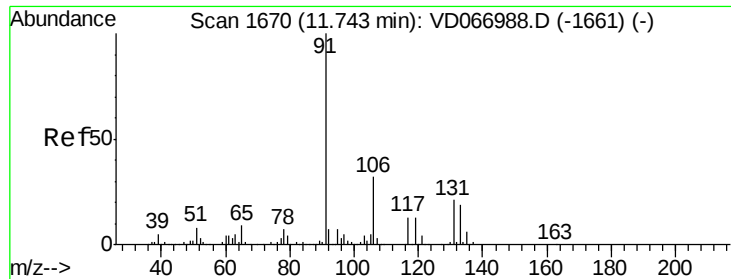


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





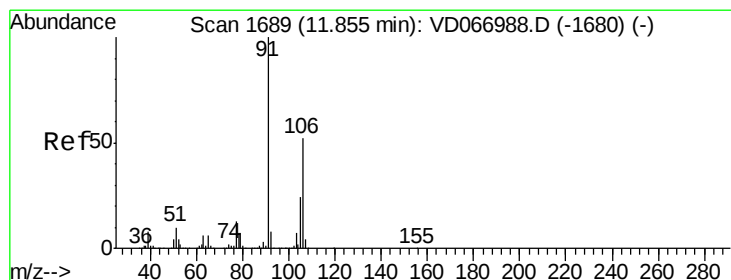
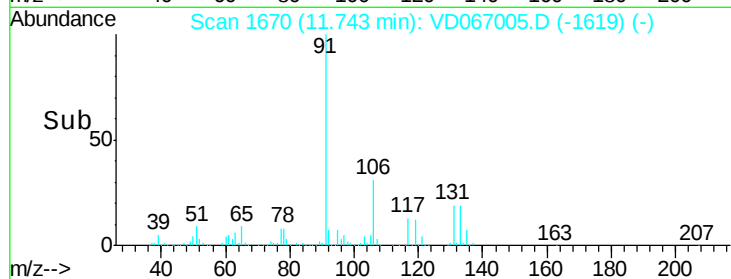
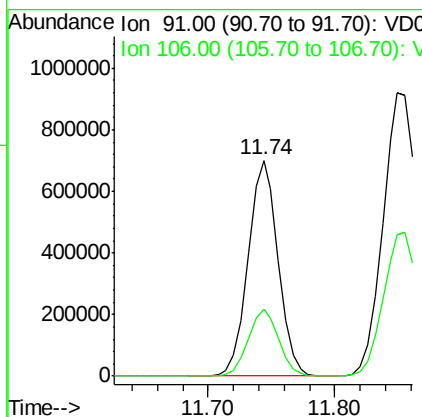
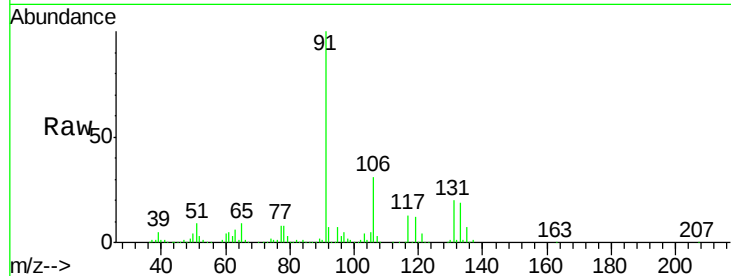
#67
Ethyl Benzene
Concen: 53.114 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1151597
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2

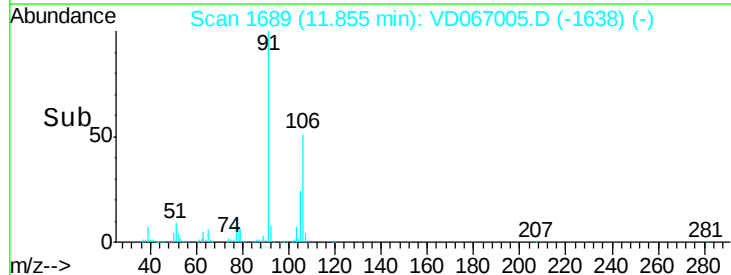
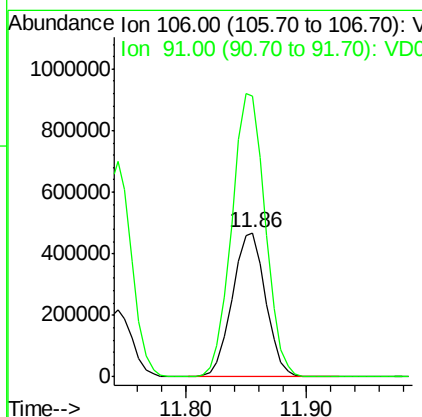
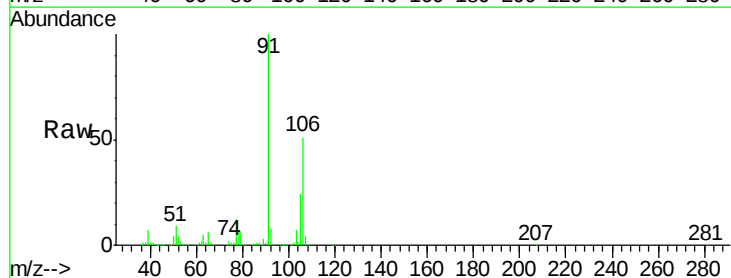
Manual Integrations
APPROVED

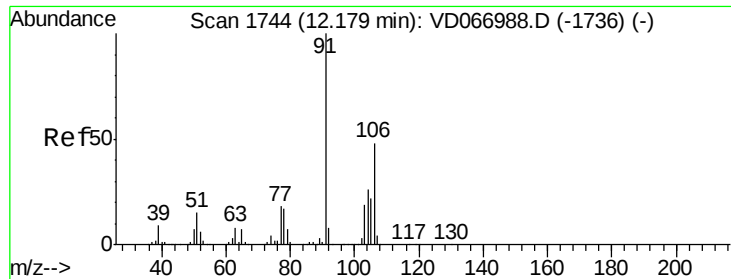
MMDadoda
10/2/2020 3:13:34 PM



#68
m/p-Xylenes
Concen: 106.400 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion: 106 Resp: 899044
Ion Ratio Lower Upper
106 100
91 197.4 158.4 237.6





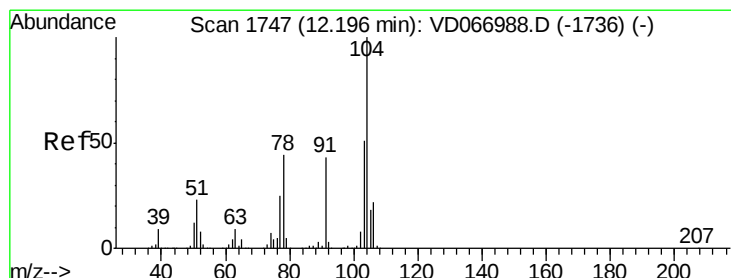
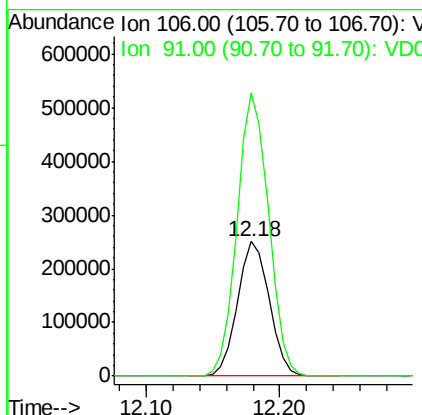
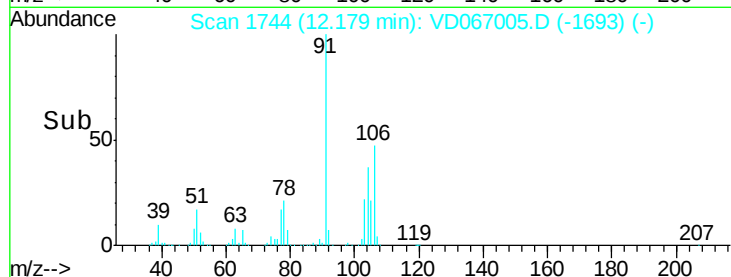
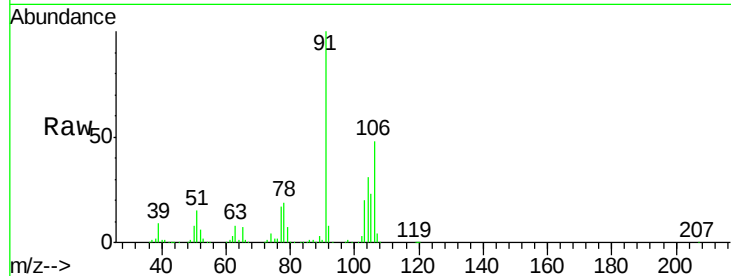
#69
o-Xylene
Concen: 54.907 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 414882
Ion Ratio Lower Upper
106 100
91 207.9 102.4 307.2

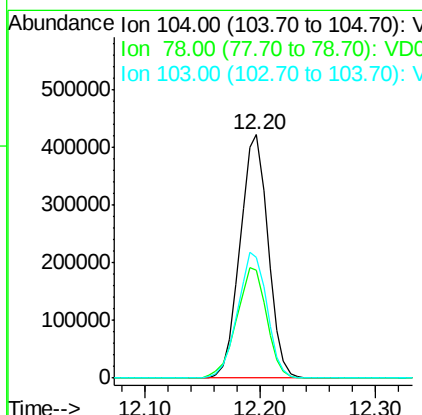
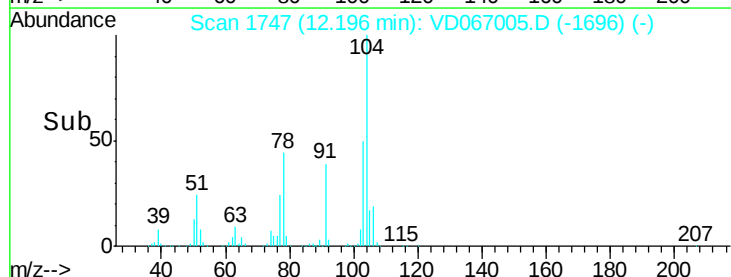
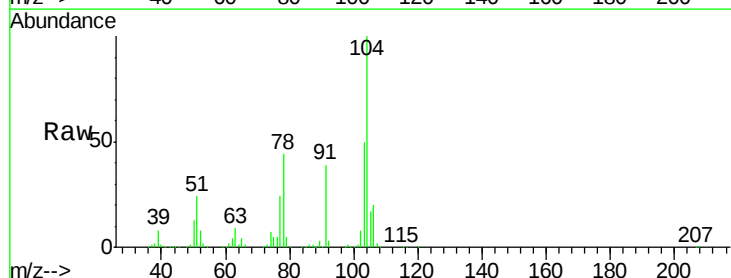
Manual Integrations
APPROVED

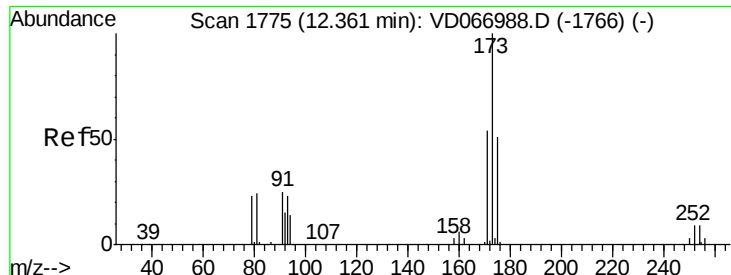
MMDadoda
10/2/2020 3:13:34 PM



#70
Styrene
Concen: 54.790 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion:104 Resp: 710901
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 54.2 43.4 65.0





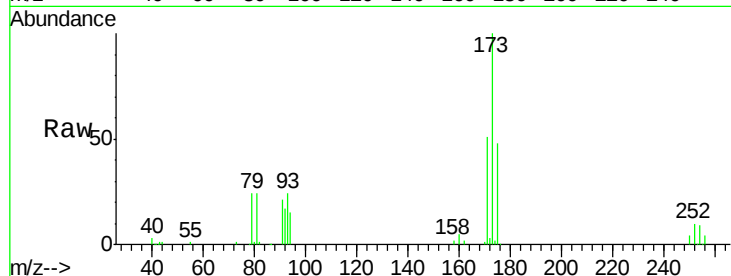
#71
Bromoform
Concen: 52.075 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.9	74.7
254	0.1	0.2	0.4

Manual Integrations
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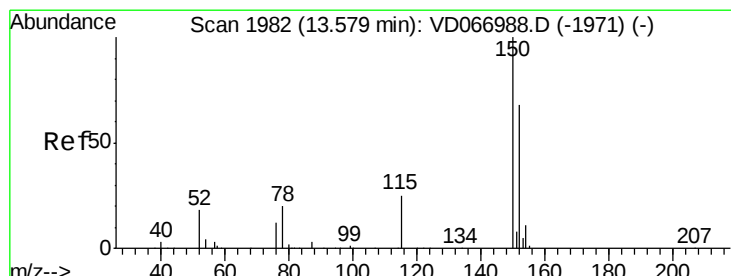
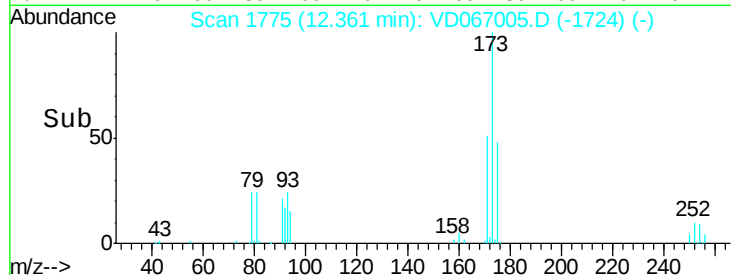
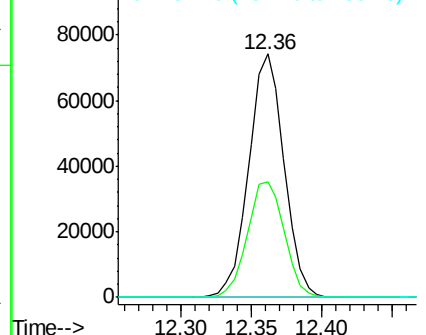


Abundance

Ion 172.70 (172.40 to 173.40): V

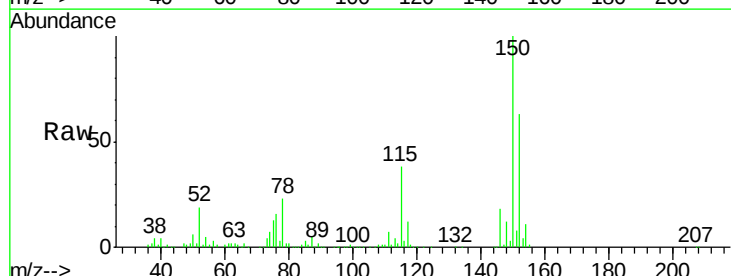
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	29.6	88.8
150	173.8	0.0	344.8

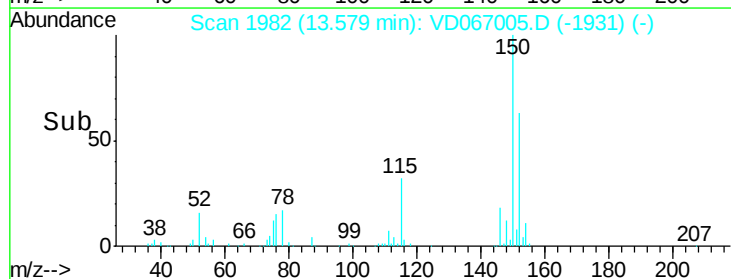
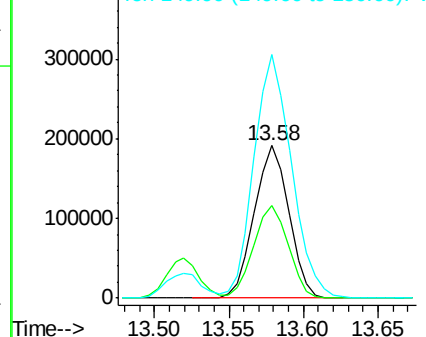


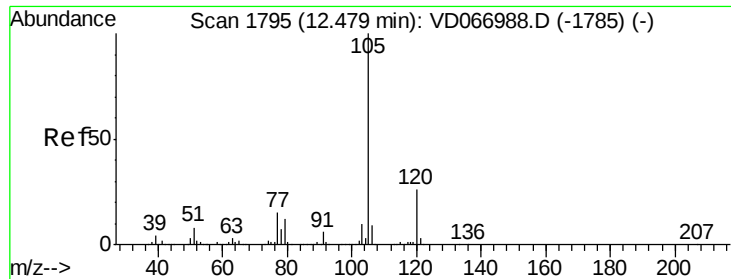
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





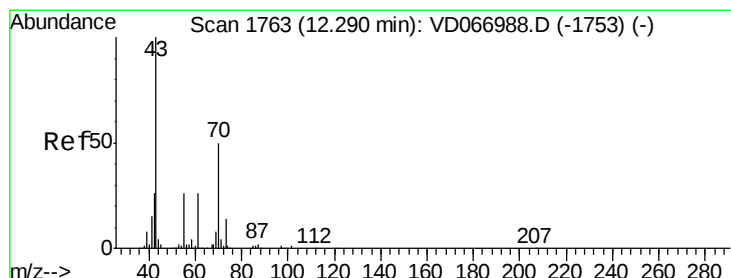
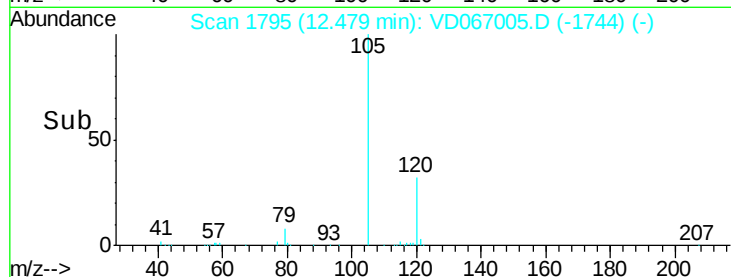
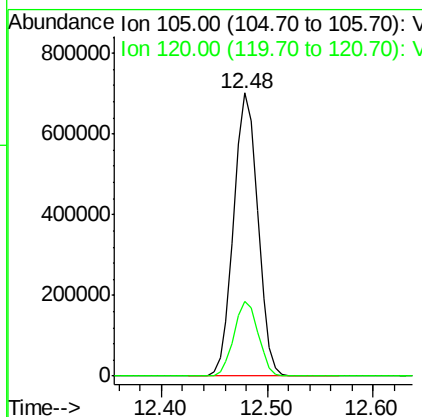
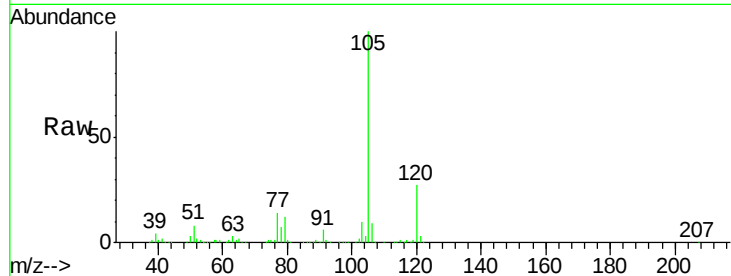
#73
Isopropylbenzene
Concen: 53.108 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1105199
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

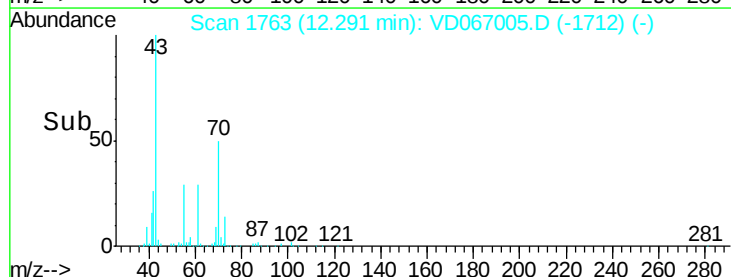
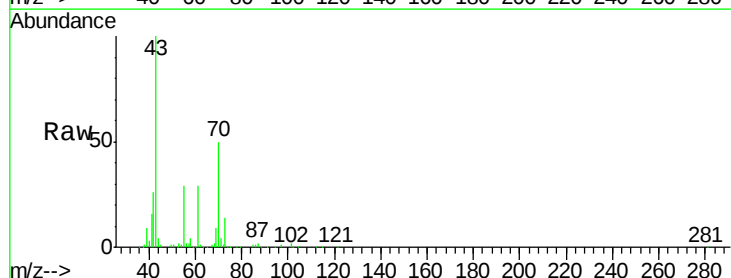
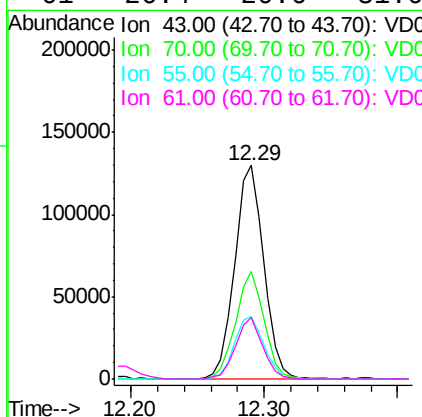
Manual Integrations
APPROVED

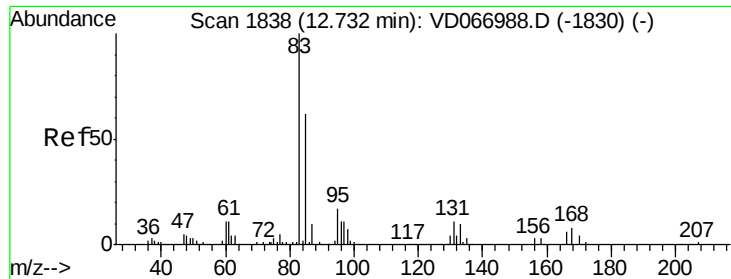
MMDadoda
10/2/2020 3:13:34 PM



#74
N-ethyl acetate
Concen: 52.627 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion: 43 Resp: 196878
Ion Ratio Lower Upper
43 100
70 49.3 38.2 57.2
55 29.8 22.4 33.6
61 26.4 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.747 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

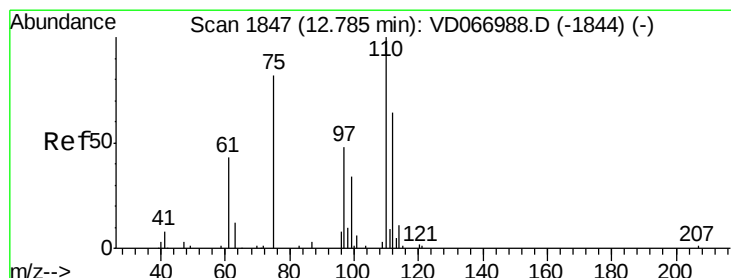
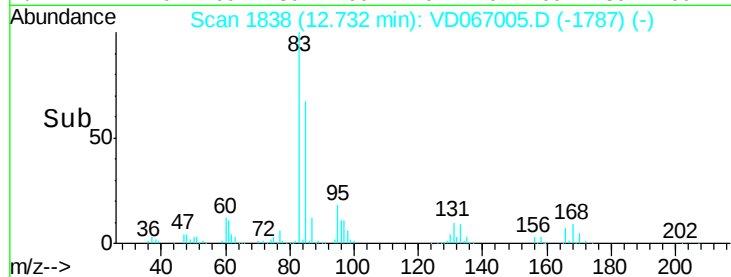
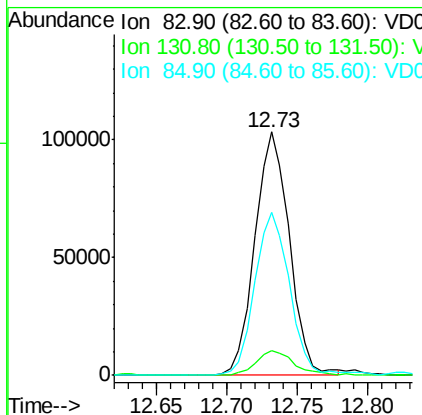
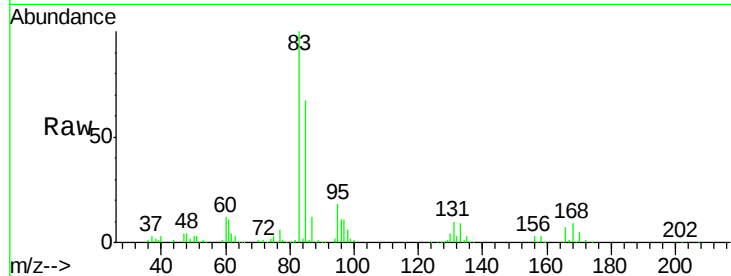
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	177931
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.7	17.0
85	68.3	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.598 ug/l m

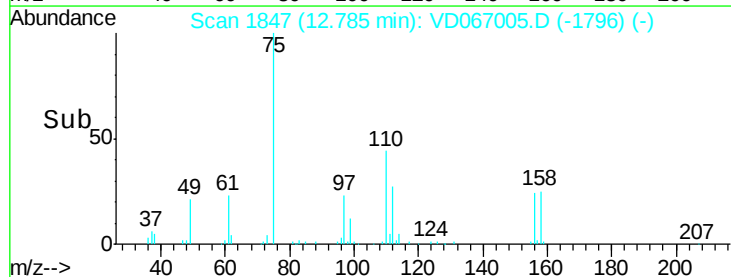
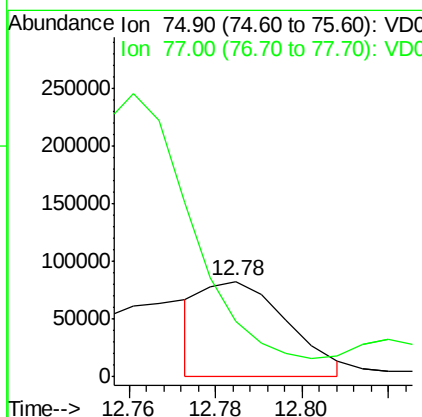
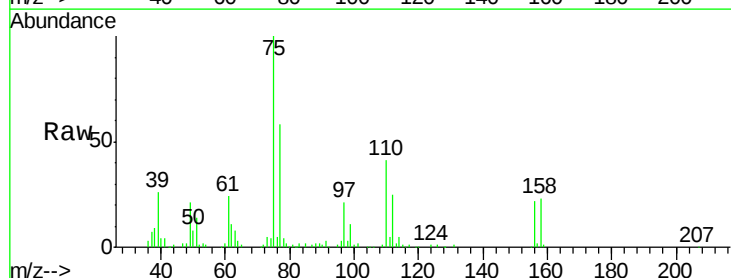
RT: 12.78 min Scan# 1847

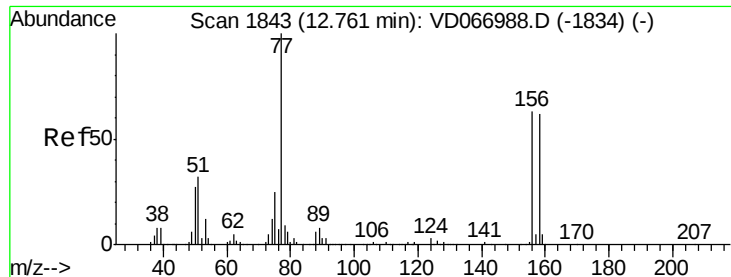
Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Tgt Ion:	75	Resp:	113718
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.440 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

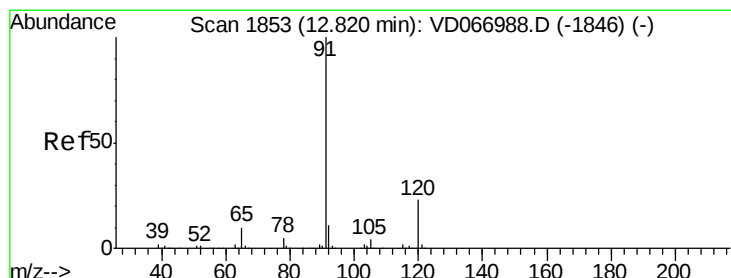
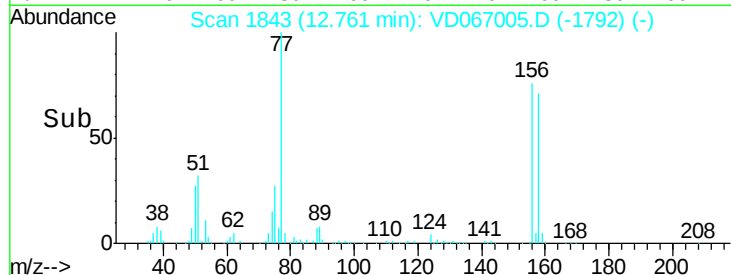
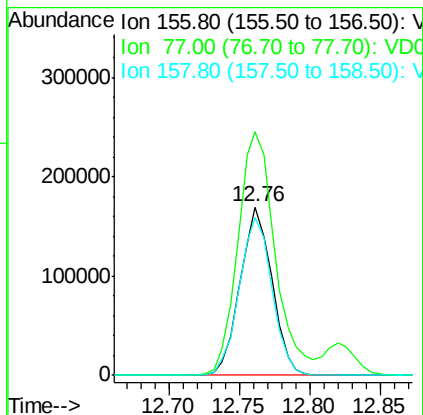
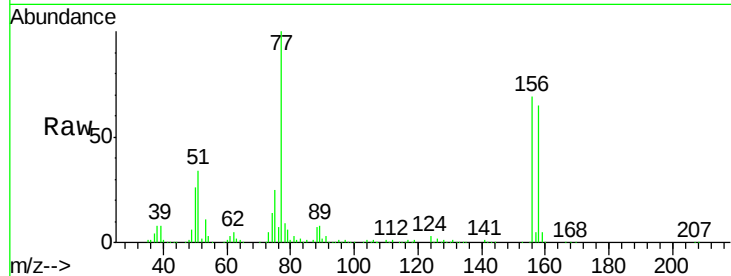
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	268535
Ion Ratio	Lower	Upper	
156	100		
77	168.5	86.3	258.8
158	96.8	49.5	148.3

Manual Integrations
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#78

n-propylbenzene

Concen: 52.272 ug/l

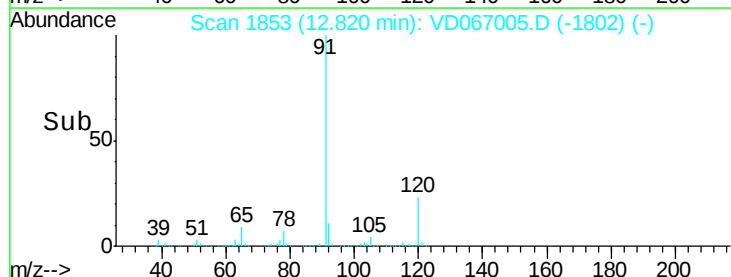
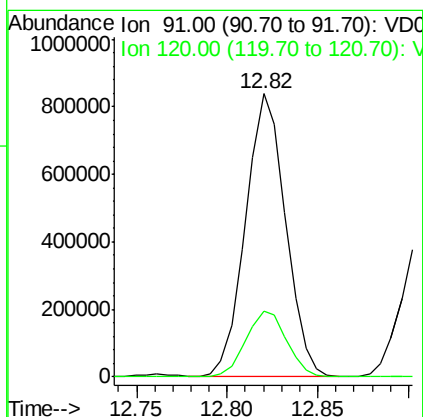
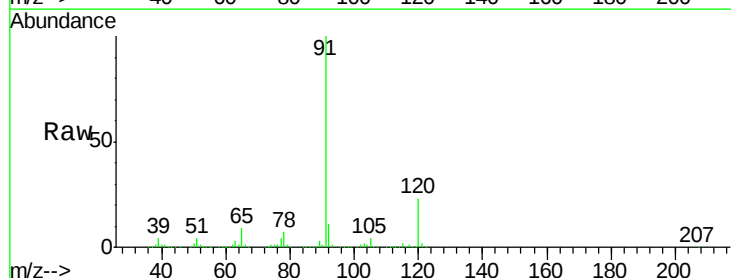
RT: 12.82 min Scan# 1853

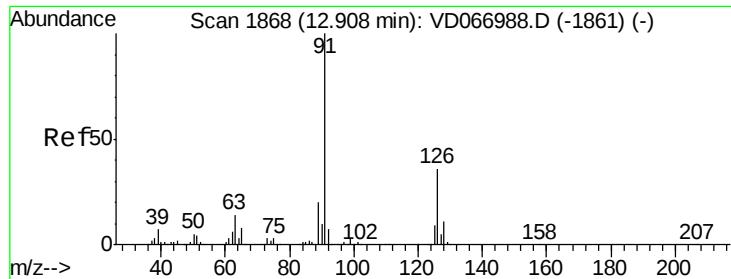
Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Tgt Ion:	91	Resp:	1285592
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.6	34.8





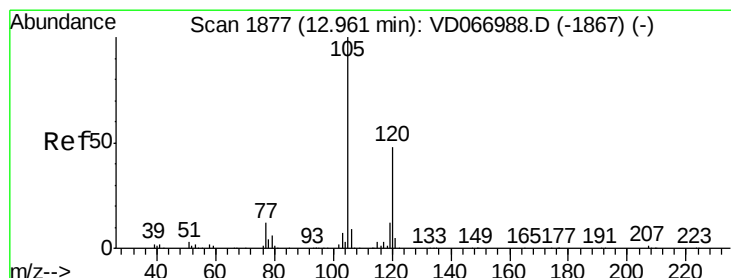
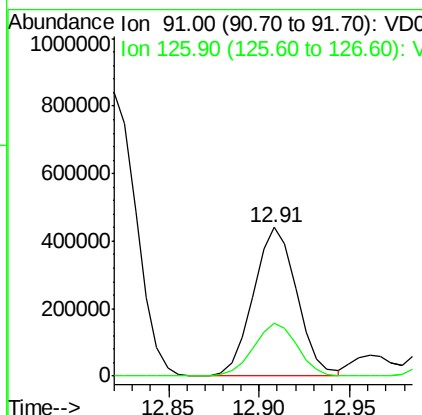
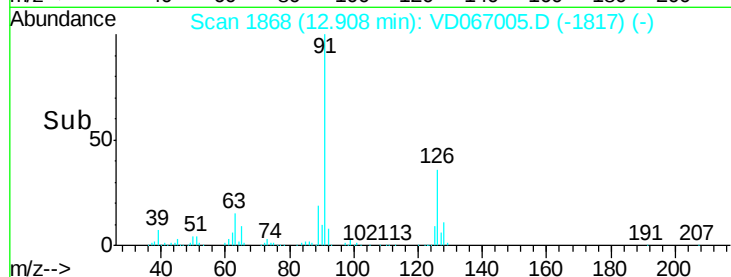
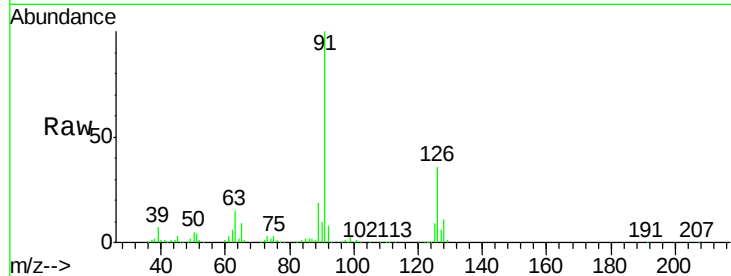
#79
2-Chlorotoluene
Concen: 52.083 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 732895
Ion Ratio Lower Upper
91 100
126 35.7 17.5 52.6

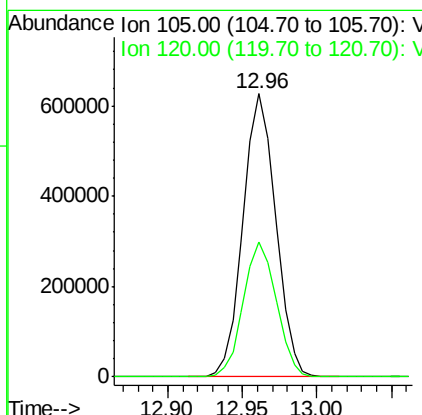
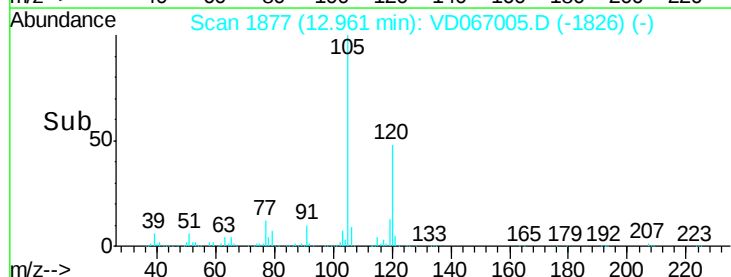
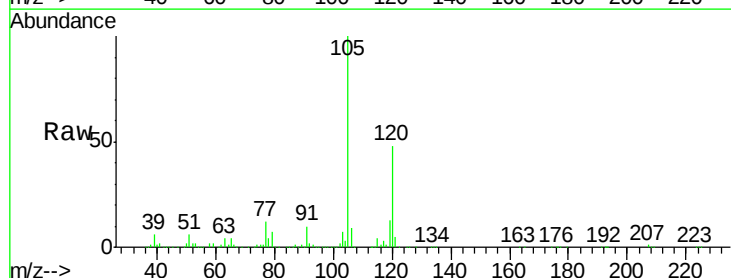
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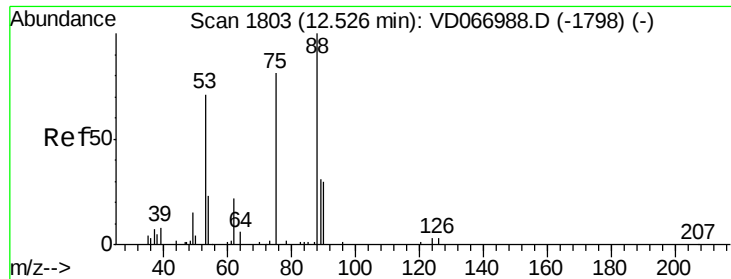
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#80
1,3,5-Trimethylbenzene
Concen: 54.105 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion: 105 Resp: 951296
Ion Ratio Lower Upper
105 100
120 48.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.195 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

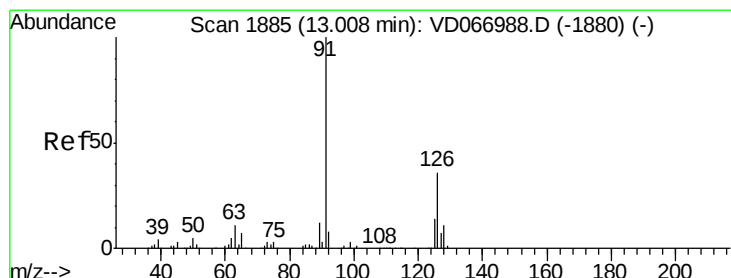
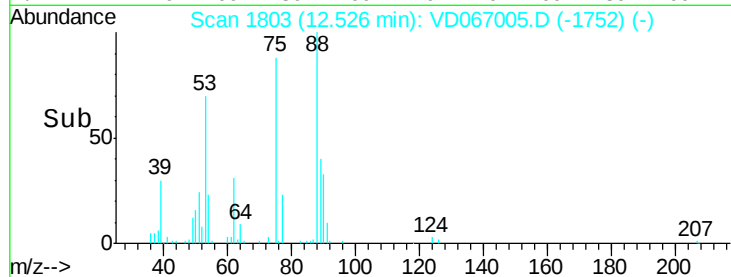
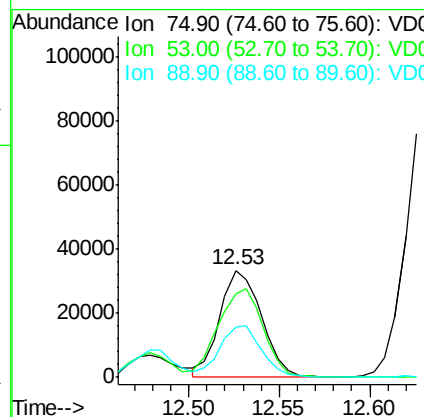
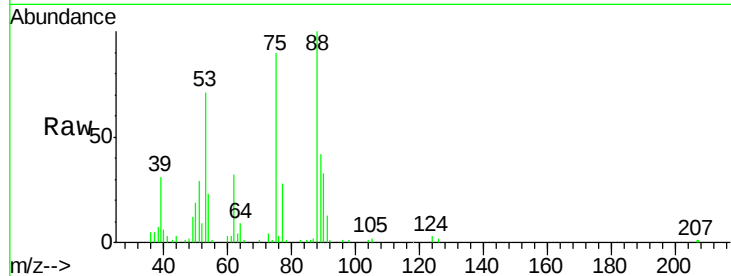
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	53747
Ion Ratio	Lower	Upper	
75	100		
53	89.4	73.8	110.6
89	47.8	38.9	58.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.087 ug/l

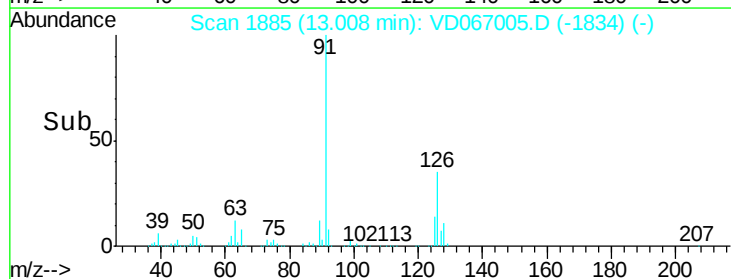
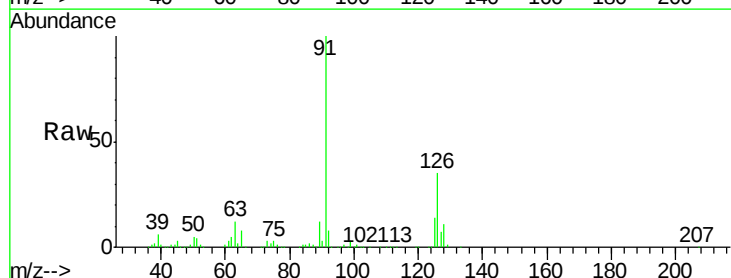
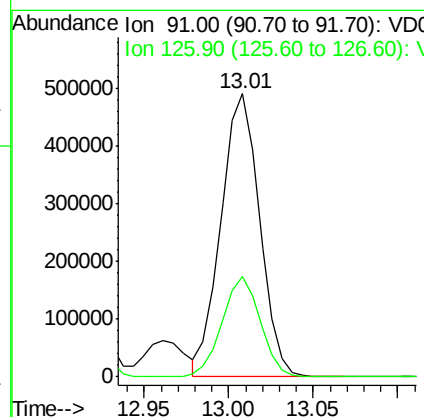
RT: 13.01 min Scan# 1885

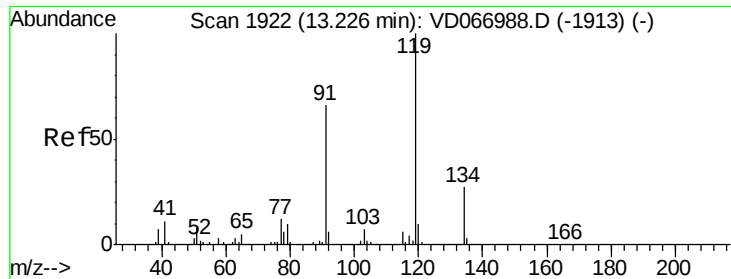
Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Tgt Ion:	91	Resp:	779822
Ion Ratio	Lower	Upper	
91	100		
126	35.0	17.5	52.5





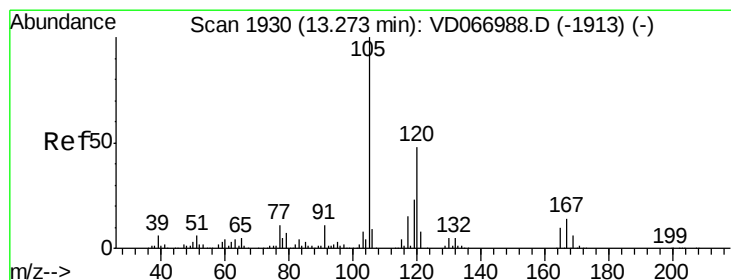
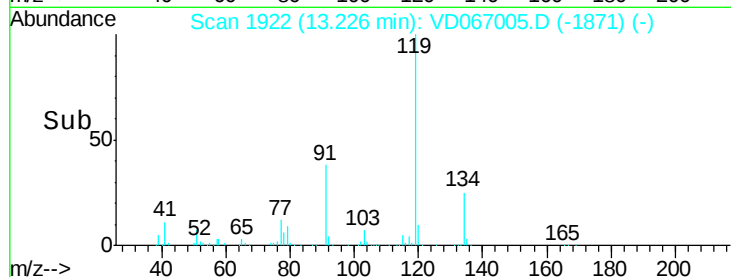
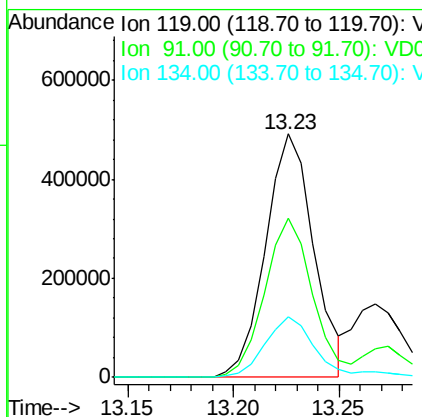
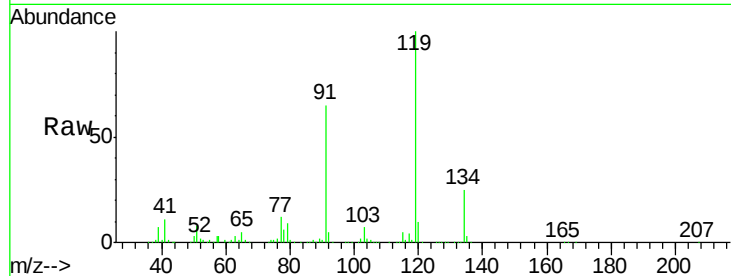
#83
 tert-Butylbenzene
 Concen: 52.667 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	779798		
91	65.3		32.8	98.3
134	26.6		13.9	41.7

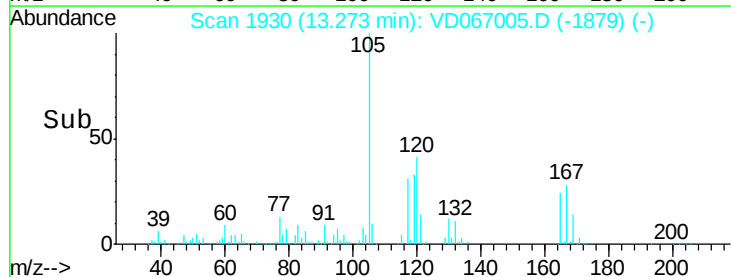
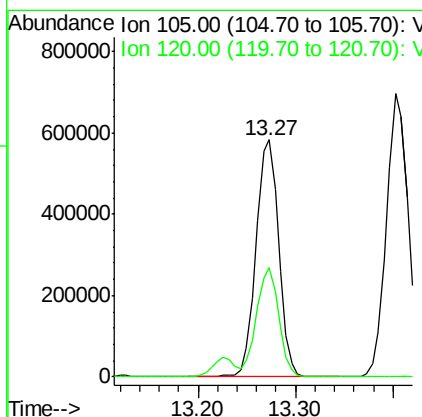
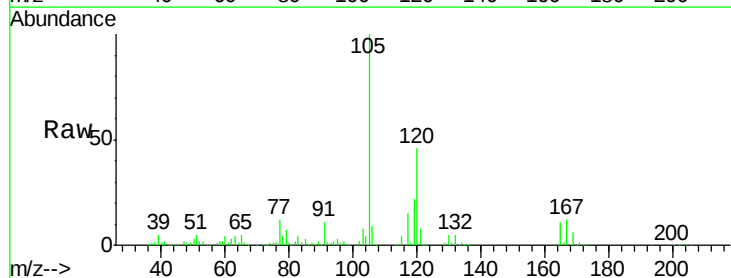
Manual Integrations
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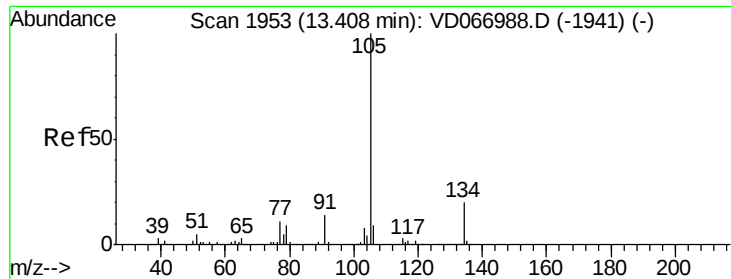
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.114 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	949515		
120	45.1		23.3	69.8





#85

sec-Butylbenzene

Concen: 51.864 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1081410

Ion Ratio Lower Upper

105 100

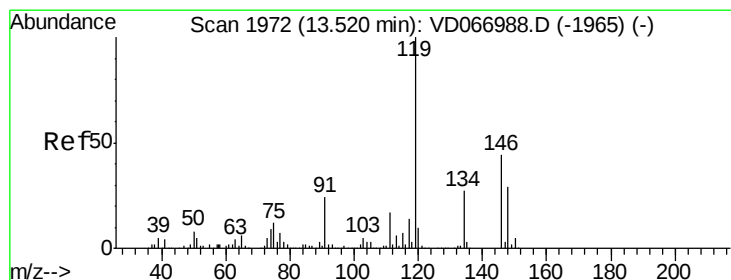
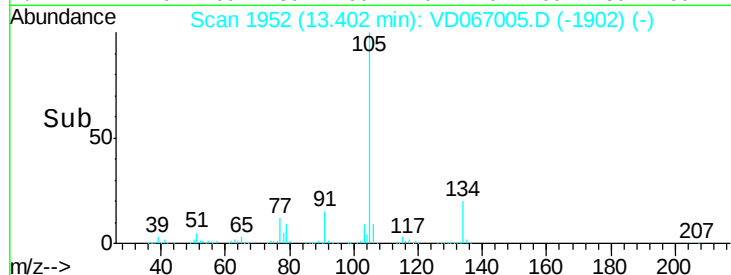
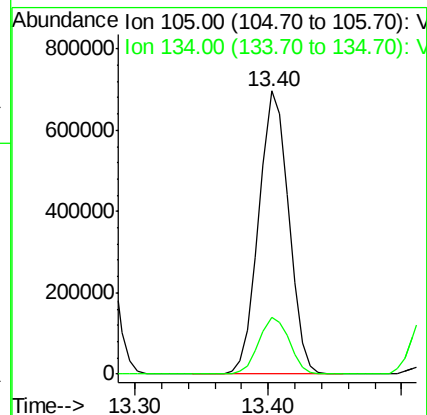
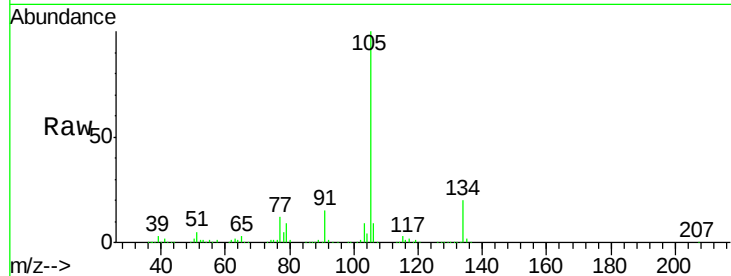
134 20.6 10.3 30.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.195 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067005.D

Acq: 01 Oct 2020 20:59

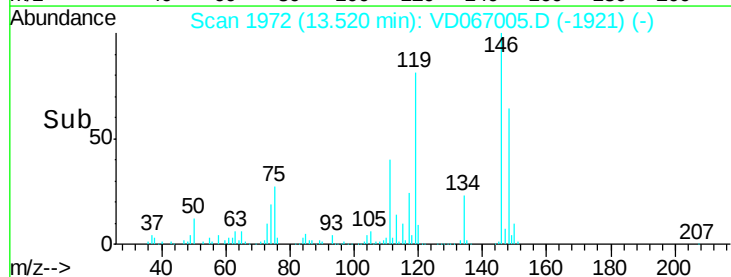
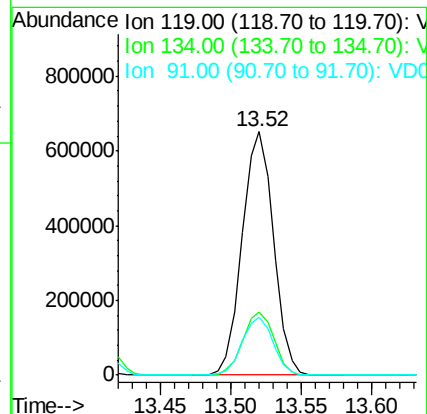
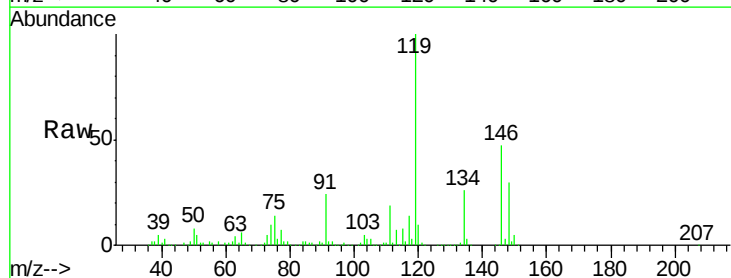
Tgt Ion:119 Resp: 1008977

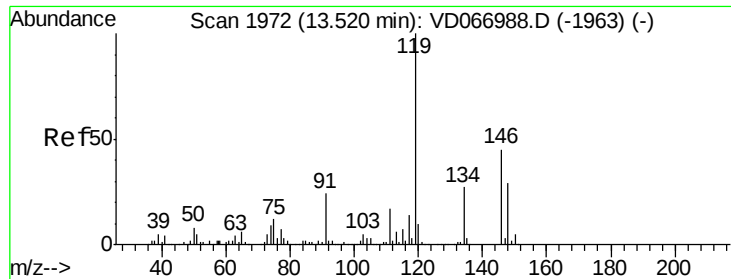
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.3 11.7 35.1





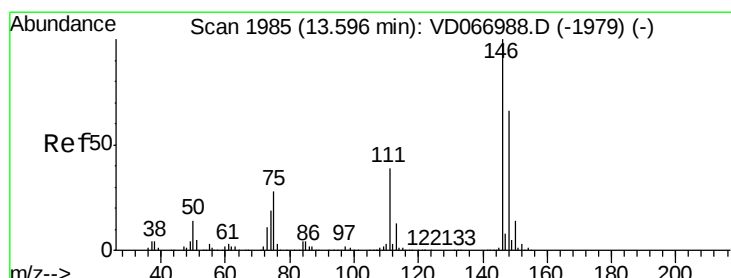
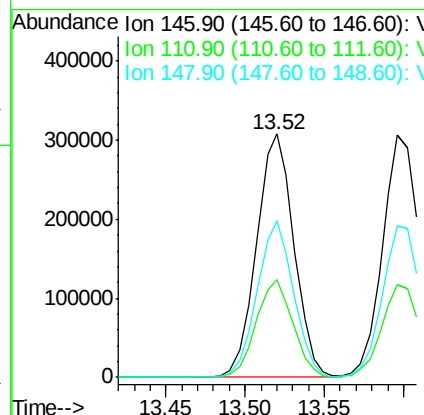
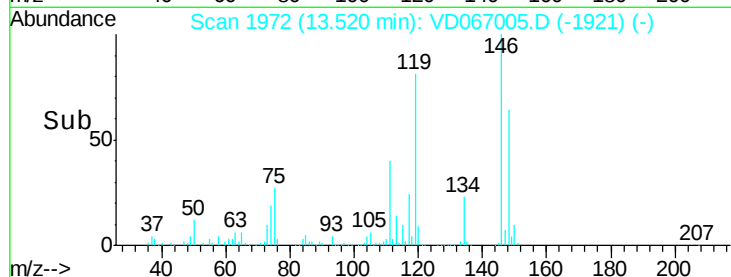
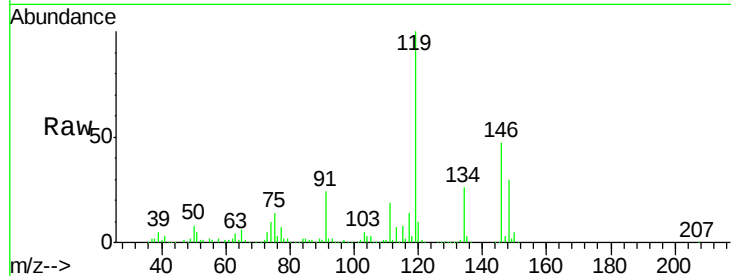
#87
 1,3-Dichlorobenzene
 Concen: 51.534 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	504398		
111	39.5	20.0	60.0	
148	62.7	31.9	95.9	

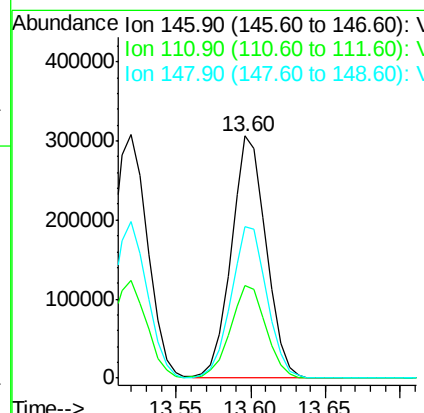
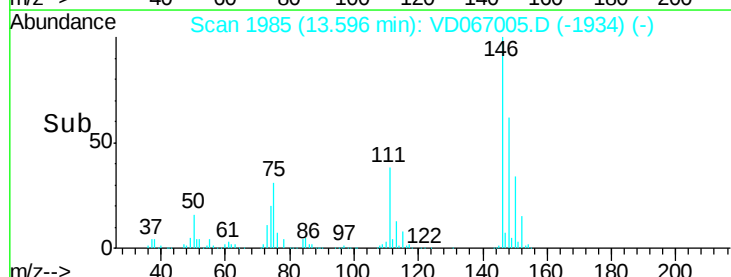
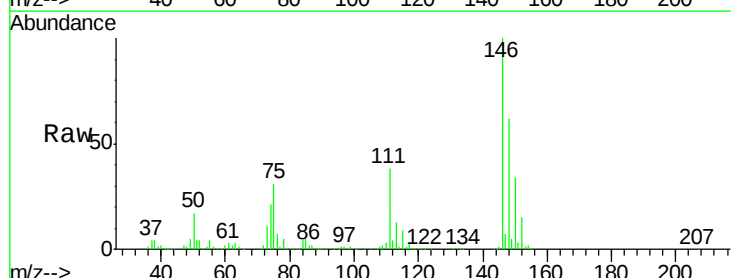
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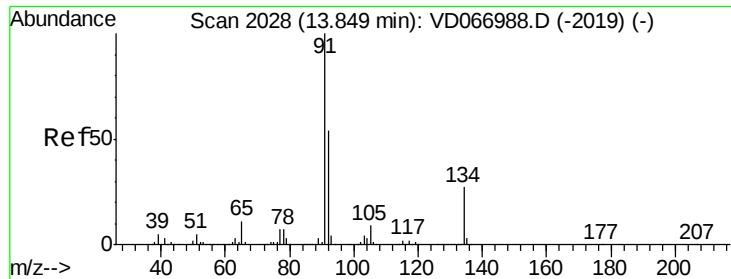
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#88
 1,4-Dichlorobenzene
 Concen: 50.960 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	498733		
111	39.2	19.6	58.7	
148	64.2	32.6	97.7	





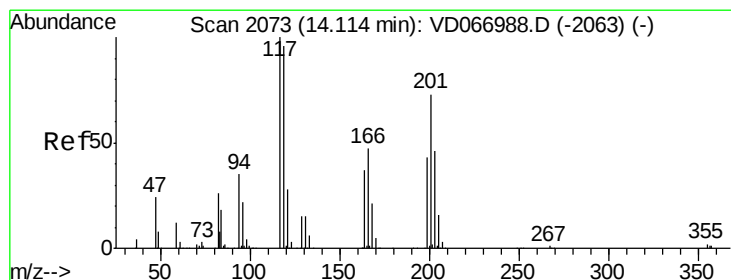
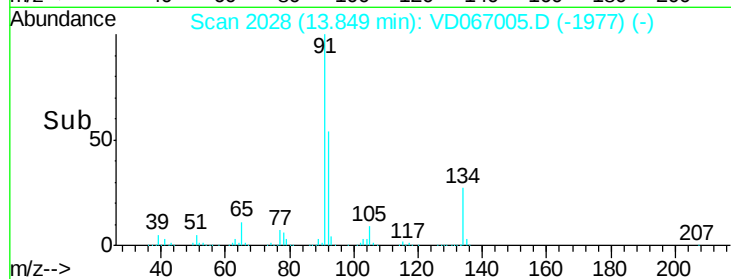
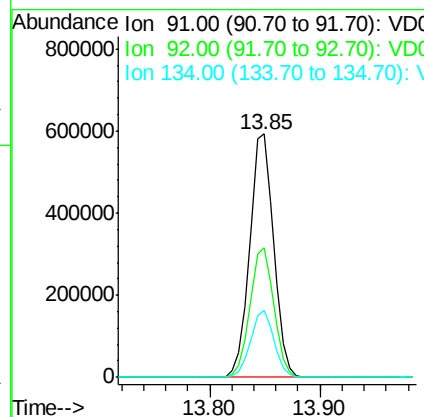
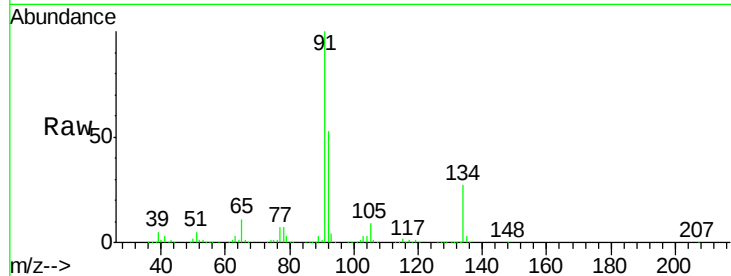
#89
n-Butylbenzene
Concen: 51.231 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.1	81.2
134	26.8	13.6	40.8

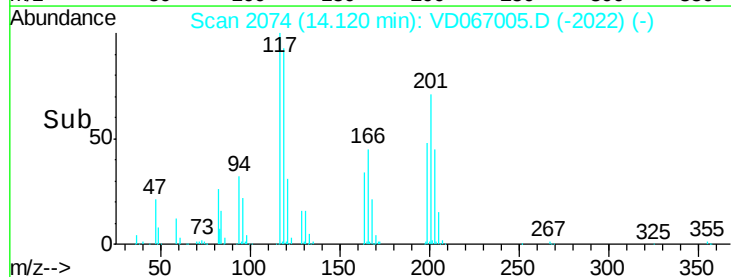
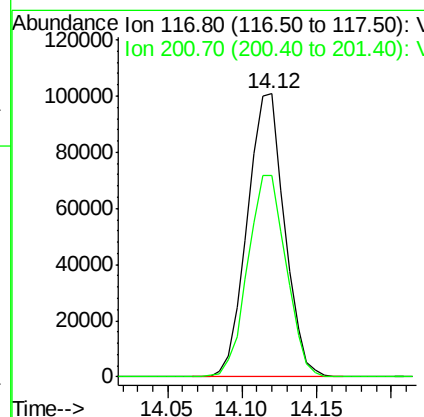
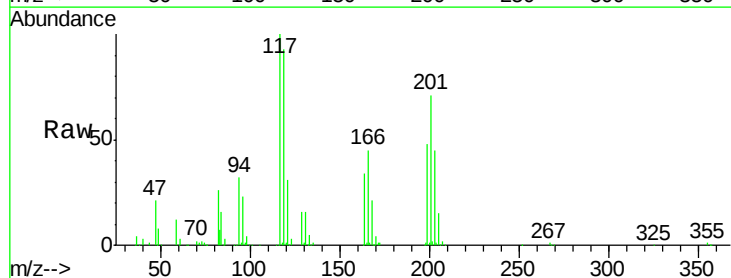
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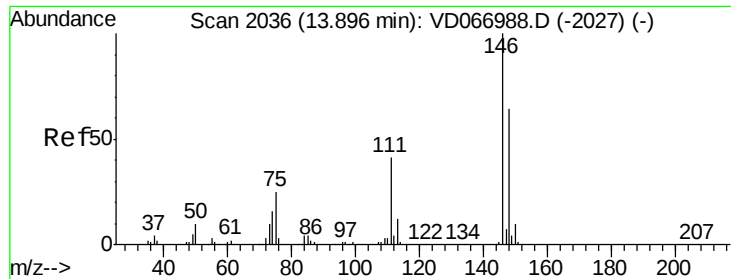
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#90
Hexachloroethane
Concen: 51.270 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.3	37.0	110.9





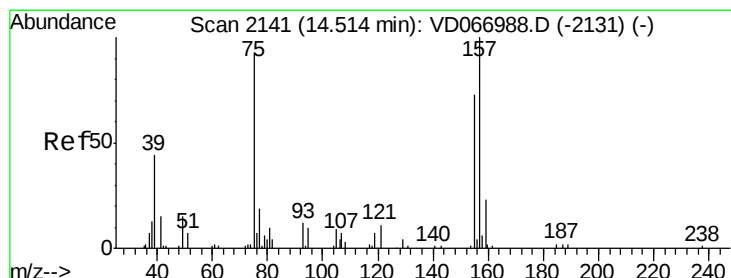
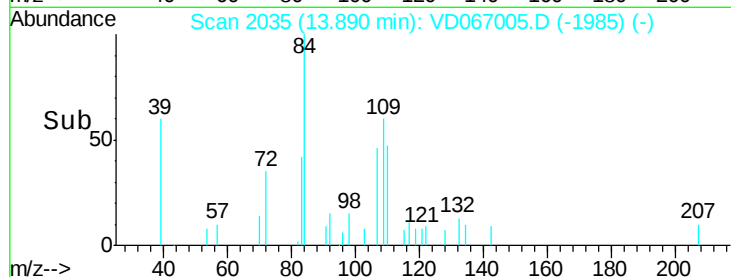
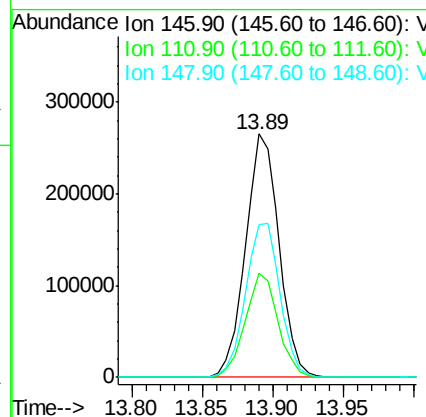
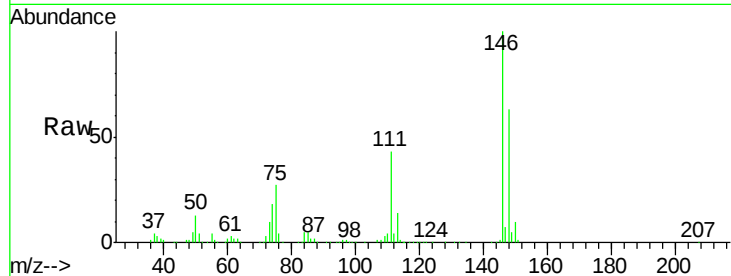
#91
 1,2-Dichlorobenzene
 Concen: 51.579 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.7
148	65.2	32.3	96.9

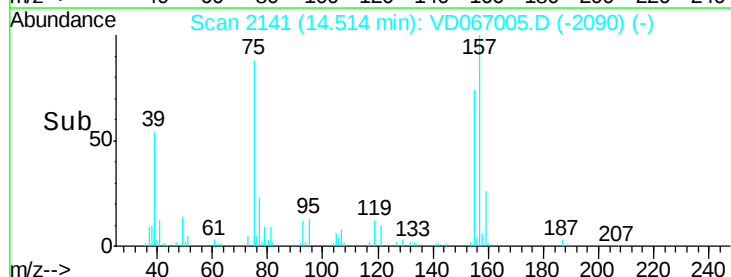
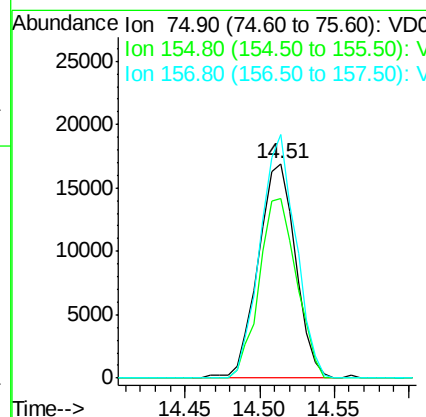
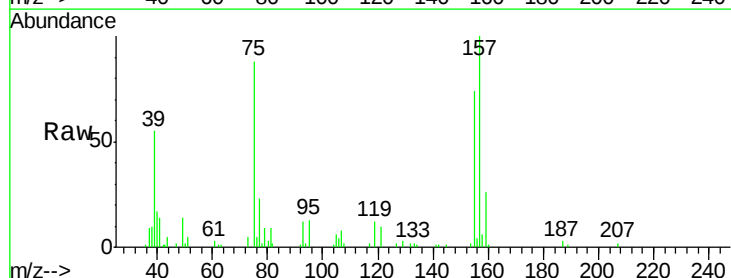
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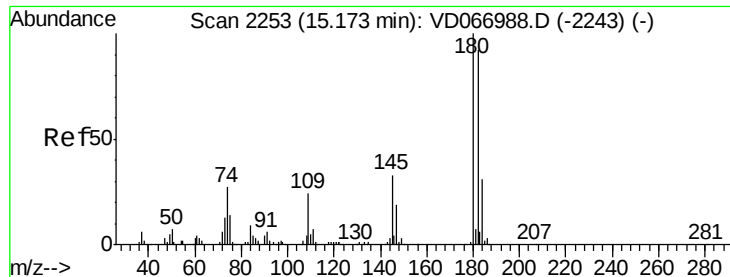
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.932 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	45.2	135.6
157	107.5	56.3	168.8





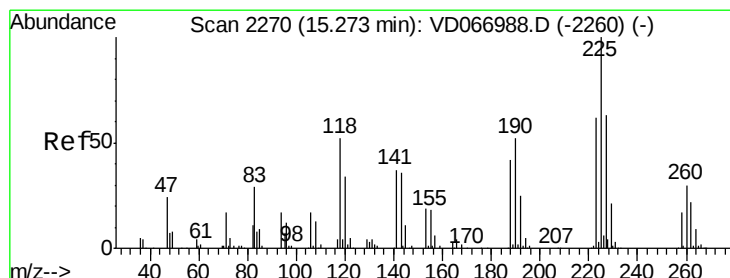
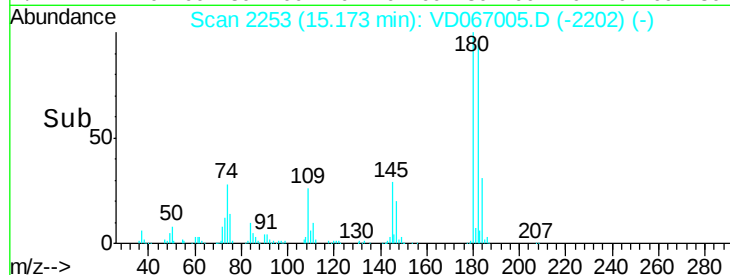
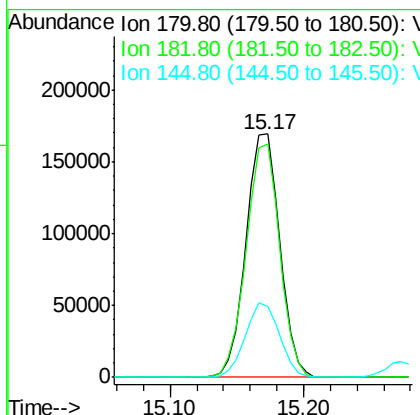
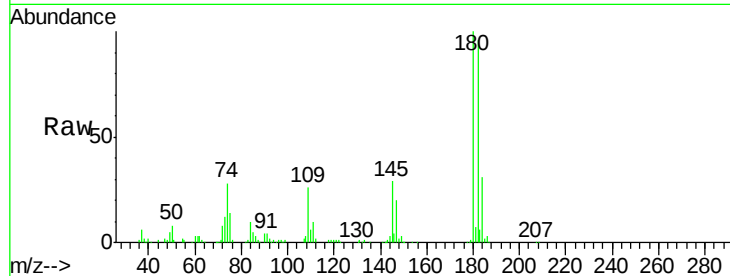
#93
 1,2,4-Trichlorobenzene
 Concen: 53.462 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	295596		
182	95.0	47.3	142.0	
145	30.8	16.4	49.1	

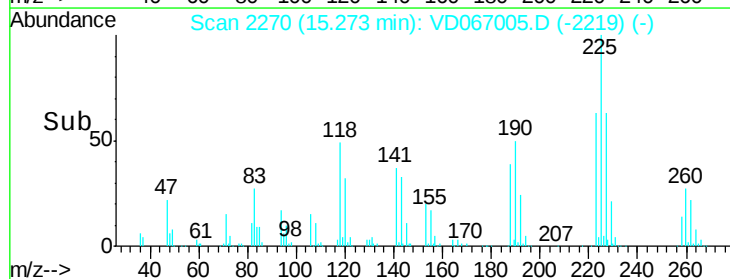
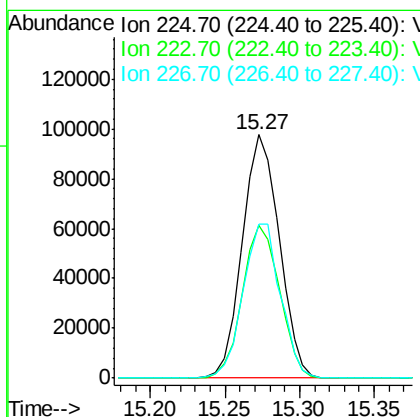
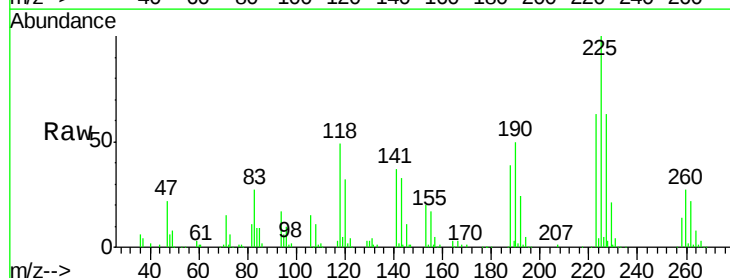
Manual Integrations
 APPROVED

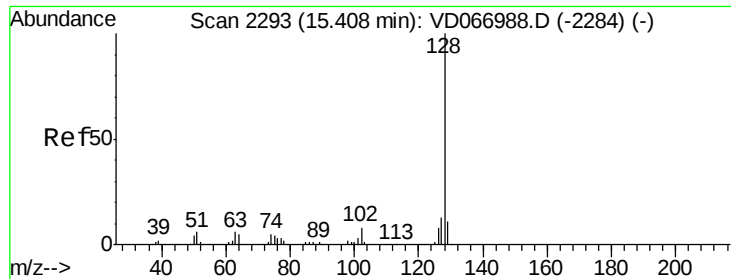
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#94
 Hexachlorobutadiene
 Concen: 49.444 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067005.D
 Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	167894		
223	63.1	32.4	97.0	
227	63.7	31.6	95.0	





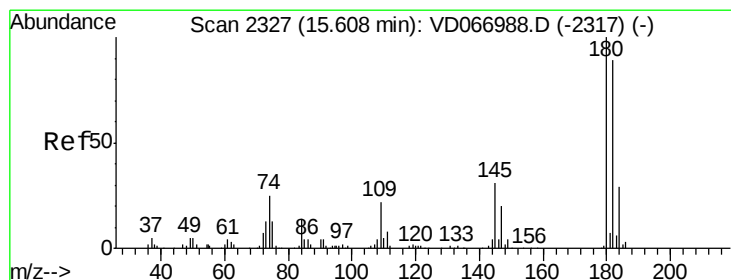
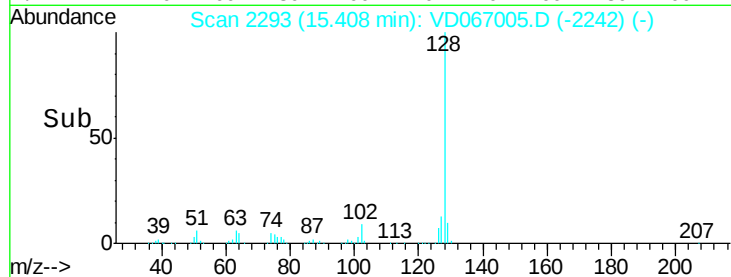
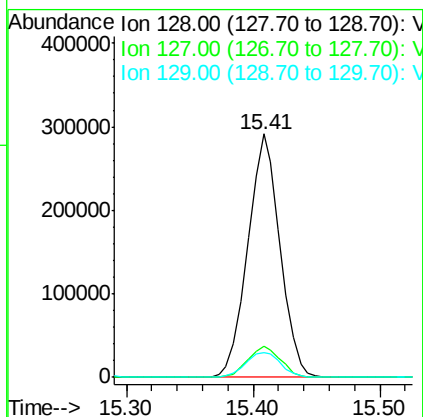
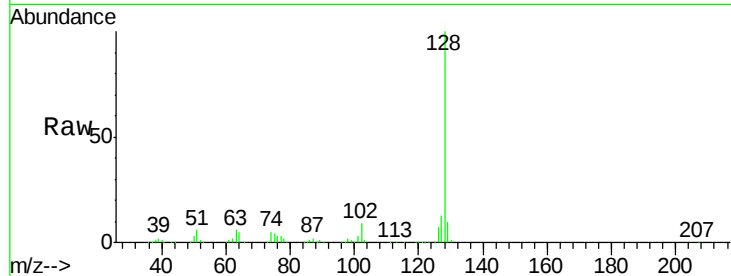
#95
Naphthalene
Concen: 55.701 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 53.511 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067005.D
Acq: 01 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	46.4	139.1
145	33.9	16.6	49.7

