

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067757.D
 Acq On : 23 Nov 2020 20:27
 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
 11/24/2020 2:56:43 PM

Quant Time: Nov 24 01:28:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	268928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	401731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	373012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	189482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	147319	56.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.68%
35) Dibromofluoromethane	7.92	113	138978	54.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.72%
50) Toluene-d8	10.34	98	496893	53.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.32%
62) 4-Bromofluorobenzene	12.64	95	174570	54.64	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.28%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	108639	46.421 ug/l	95
3) Chloromethane	2.21	50	69534	53.369 ug/l	97
4) Vinyl Chloride	2.35	62	78117	47.848 ug/l	94
5) Bromomethane	2.77	94	70101	50.397 ug/l	97
6) Chloroethane	2.93	64	50228	46.161 ug/l #	88
7) Trichlorofluoromethane	3.27	101	220391	44.237 ug/l	94
8) Diethyl Ether	3.71	74	50263	49.970 ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	108167	45.340 ug/l	98
10) Methyl Iodide	4.30	142	119164	48.800 ug/l	97
11) Tert butyl alcohol	5.20	59	35282m	258.129 ug/l	
12) 1,1-Dichloroethene	4.07	96	104516	47.346 ug/l	95
13) Acrolein	3.92	56	26957	248.721 ug/l	87
14) Allyl chloride	4.71	41	107957	50.591 ug/l	99
15) Acrylonitrile	5.41	53	91178	260.259 ug/l	97
16) Acetone	4.15	43	77741	230.138 ug/l #	87
17) Carbon Disulfide	4.41	76	307126	48.103 ug/l	99
18) Methyl Acetate	4.72	43	35002	51.504 ug/l	90
19) Methyl tert-butyl Ether	5.47	73	246885	52.330 ug/l	99
20) Methylene Chloride	4.96	84	128328	50.227 ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	120590	48.049 ug/l	97
22) Diisopropyl ether	6.36	45	220522	52.353 ug/l	98
23) Vinyl Acetate	6.31	43	632825	266.332 ug/l	97
24) 1,1-Dichloroethane	6.27	63	183831	51.476 ug/l	98
25) 2-Butanone	7.21	43	92731	244.632 ug/l	91
26) 2,2-Dichloropropane	7.21	77	187796	44.575 ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	137520	51.407 ug/l	97
28) Bromochloromethane	7.55	49	63742	55.721 ug/l	100
29) Tetrahydrofuran	7.57	42	56181	260.676 ug/l	96
30) Chloroform	7.71	83	226740	48.553 ug/l	96
31) Cyclohexane	7.99	56	138024	43.625 ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	227094	45.917 ug/l	99
36) 1,1-Dichloropropene	8.11	75	154874	44.926 ug/l	98
37) Ethyl Acetate	7.30	43	42436	45.780 ug/l	97
38) Carbon Tetrachloride	8.10	117	217900	43.606 ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	185067	45.364	ug/l	99
40) Benzene	8.35	78	447659	47.282	ug/l	92
41) Methacrylonitrile	7.54	41	29849m	63.061	ug/l	
42) 1,2-Dichloroethane	8.43	62	147144	45.804	ug/l	99
43) Isopropyl Acetate	8.46	43	88911	48.030	ug/l	98
44) Trichloroethene	9.11	130	144746	46.128	ug/l	100
45) 1,2-Dichloropropane	9.39	63	94174	48.476	ug/l	98
46) Dibromomethane	9.48	93	64612	48.851	ug/l	99
47) Bromodichloromethane	9.66	83	178742	48.531	ug/l	95
48) Methyl methacrylate	9.46	41	43173	46.650	ug/l	95
49) 1,4-Dioxane	9.46	88	12886	899.007	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	216228	248.234	ug/l	100
52) Toluene	10.41	92	305536	47.570	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	153729	47.775	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	170765	46.894	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	82784	46.648	ug/l	94
56) Ethyl methacrylate	10.67	69	91421	49.758	ug/l	99
57) 1,3-Dichloropropane	10.95	76	135765	48.520	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	245381	285.830	ug/l	100
59) 2-Hexanone	10.99	43	148977	242.240	ug/l	98
60) Dibromochloromethane	11.14	129	126753	46.871	ug/l	100
61) 1,2-Dibromoethane	11.26	107	85667	48.992	ug/l	98
64) Tetrachloroethene	10.88	164	126614	43.734	ug/l	88
65) Chlorobenzene	11.67	112	342835	46.763	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	138524	46.711	ug/l	99
67) Ethyl Benzene	11.75	91	584716	46.199	ug/l	100
68) m/p-Xylenes	11.86	106	459971	93.391	ug/l	99
69) o-Xylene	12.18	106	215228	47.995	ug/l	99
70) Styrene	12.20	104	371728	48.666	ug/l	98
71) Bromoform	12.37	173	75744	47.050	ug/l #	99
73) Isopropylbenzene	12.48	105	592378	47.515	ug/l	100
74) N-amyl acetate	12.29	43	79507	48.359	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	78800	47.097	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	71579m	54.202	ug/l	
77) Bromobenzene	12.77	156	150380	48.186	ug/l	100
78) n-propylbenzene	12.83	91	661234	47.673	ug/l	99
79) 2-Chlorotoluene	12.91	91	380850	46.377	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	513481	47.354	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	26299	46.578	ug/l	97
82) 4-Chlorotoluene	13.01	91	407195	46.535	ug/l	100
83) tert-Butylbenzene	13.23	119	425058	45.618	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	510361	47.115	ug/l	99
85) sec-Butylbenzene	13.40	105	560179	45.762	ug/l	100
86) p-Isopropyltoluene	13.52	119	549833	46.374	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	271505	44.952	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	276729	46.252	ug/l	99
89) n-Butylbenzene	13.84	91	464444	45.712	ug/l	99
90) Hexachloroethane	14.11	117	102230	45.294	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	243763	46.850	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15461	42.861	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	172297	46.769	ug/l	100
94) Hexachlorobutadiene	15.27	225	102273	43.449	ug/l	98
95) Naphthalene	15.40	128	281995	47.297	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	148792	47.415	ug/l	99

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

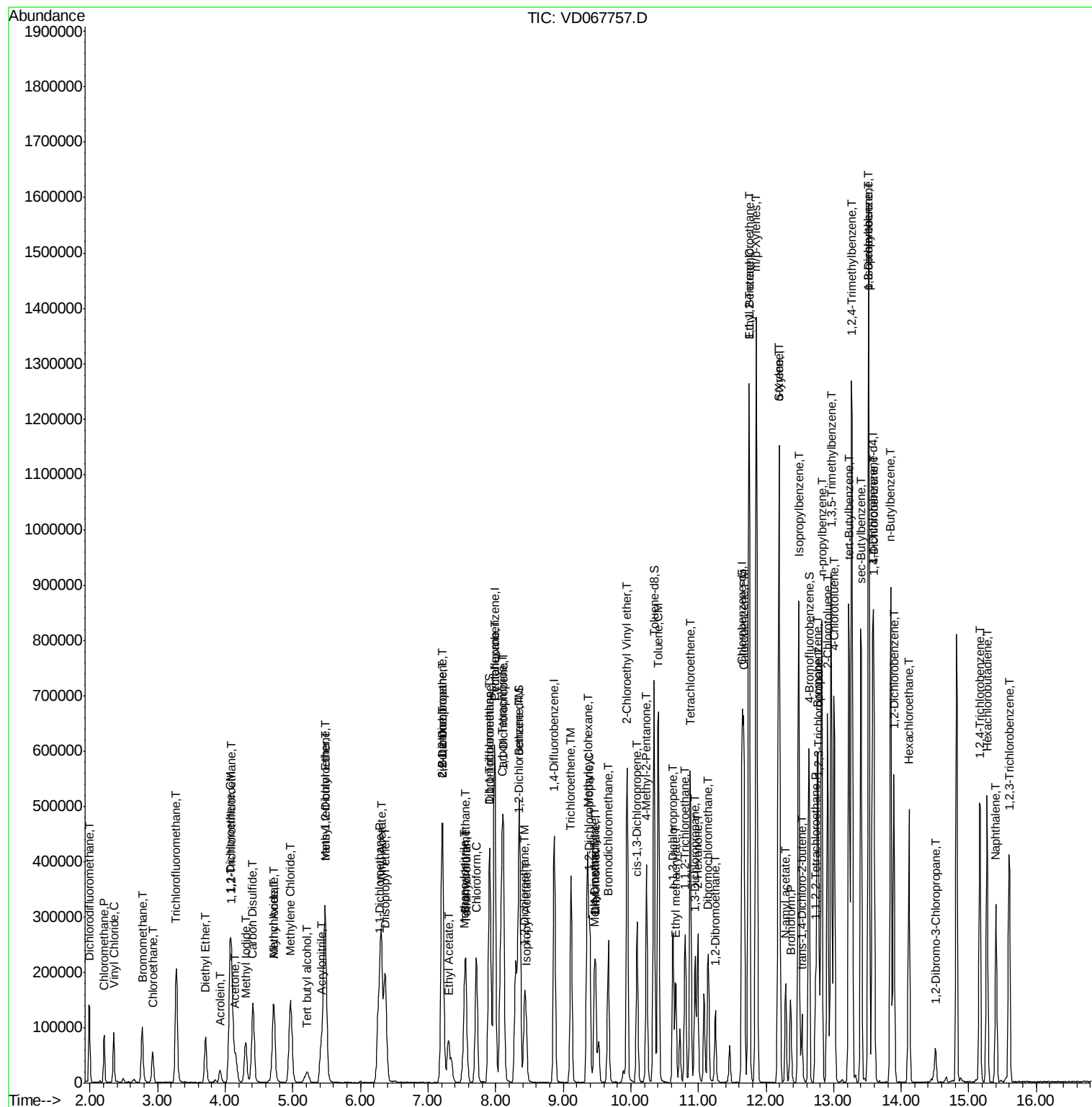
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Operator : VA/SY
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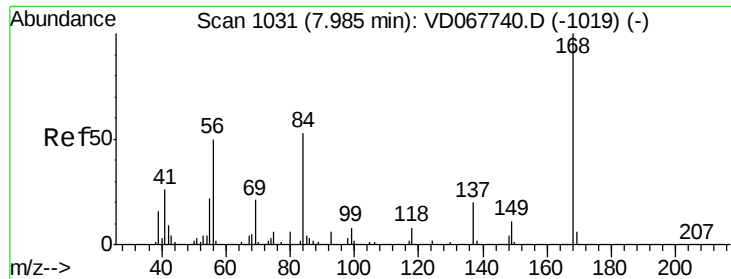
Instrument :
MSVOA_D
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 268928

Ion Ratio Lower Upper

168 100

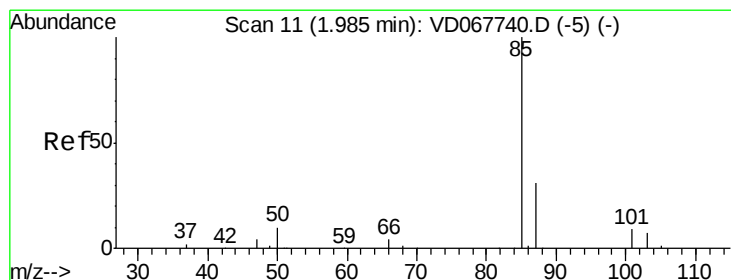
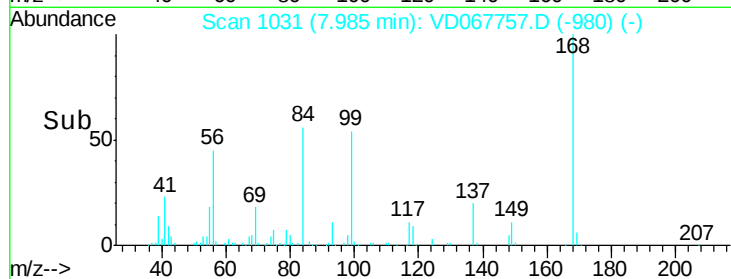
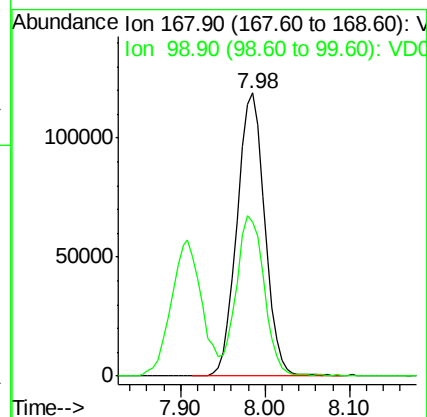
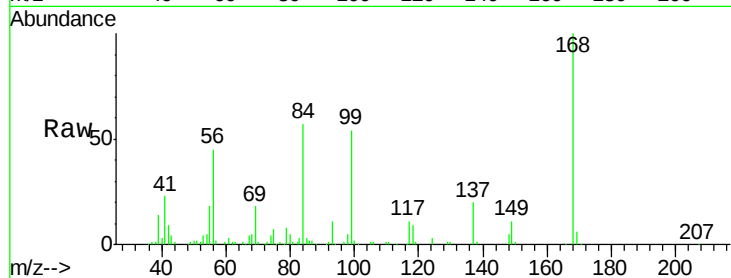
99 54.2 43.8 65.8

Manual Integrations

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11/24/2020 2:56:43 PM



#2

Dichlorodifluoromethane

Concen: 46.421 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067757.D

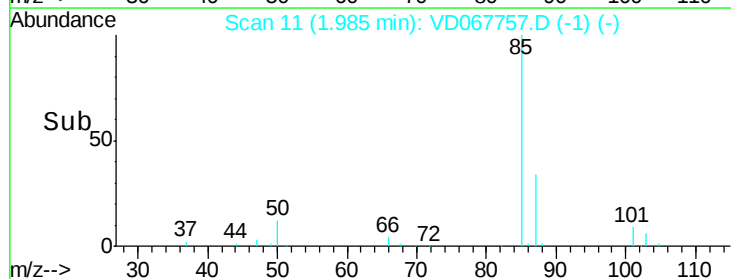
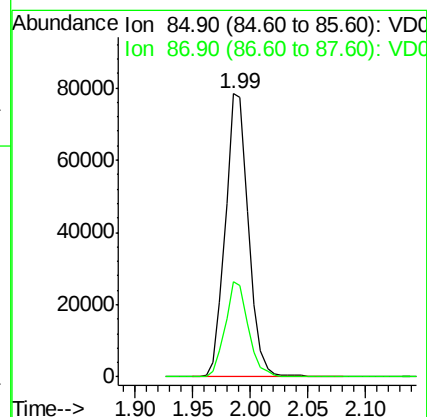
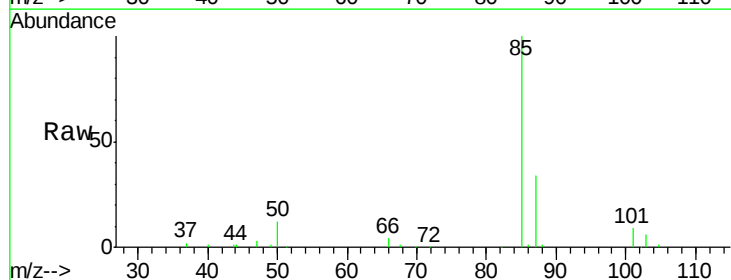
Acq: 23 Nov 2020 20:27

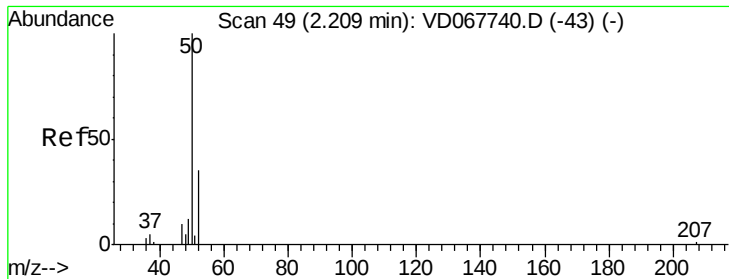
Tgt Ion: 85 Resp: 108639

Ion Ratio Lower Upper

85 100

87 33.6 15.5 46.5





#3

Chloromethane

Concen: 53.369 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 69534

Ion Ratio Lower Upper

50 100

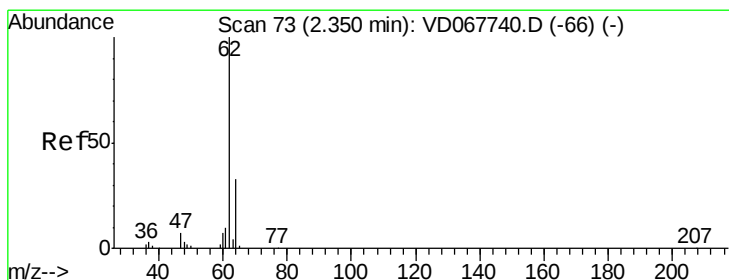
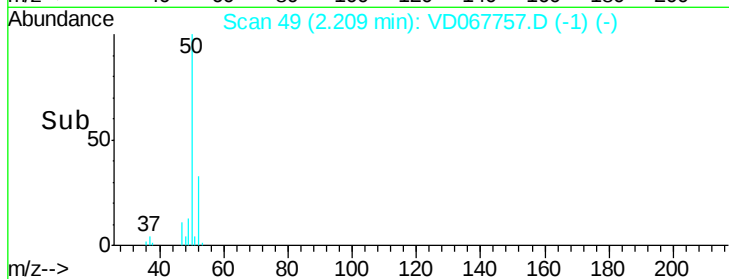
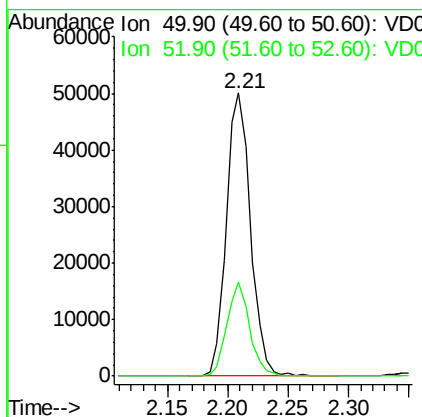
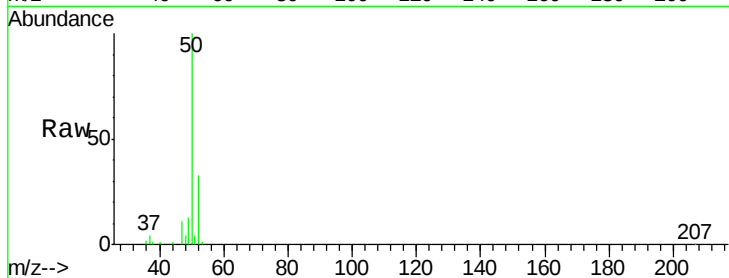
52 33.0 27.8 41.8

Manual Integrations

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11/24/2020 2:56:43 PM



#4

Vinyl Chloride

Concen: 47.848 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067757.D

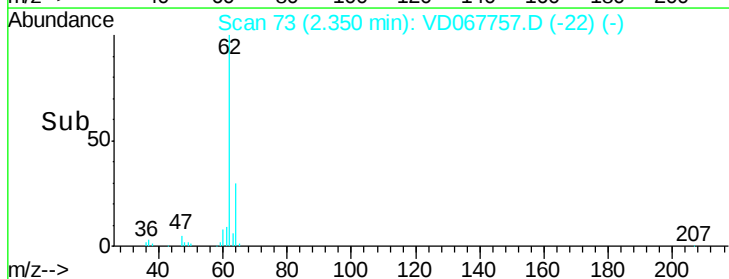
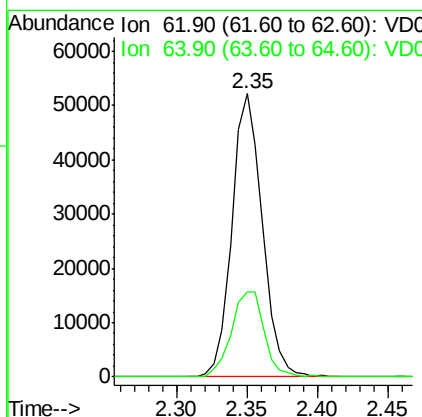
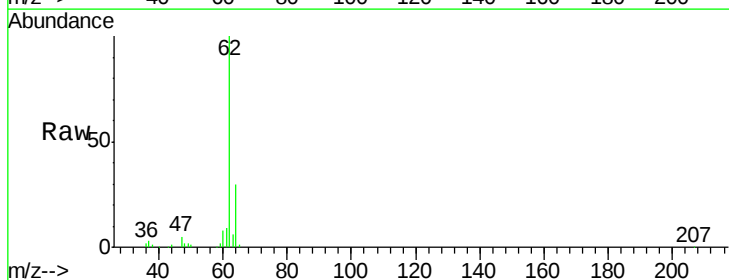
Acq: 23 Nov 2020 20:27

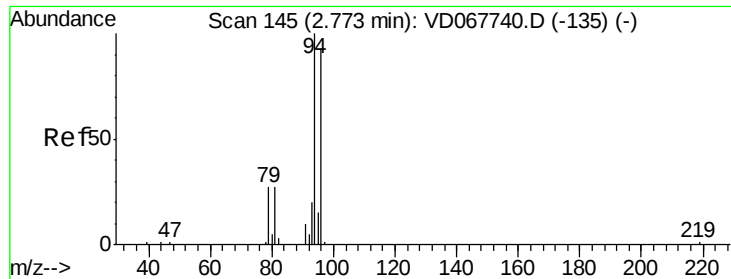
Tgt Ion: 62 Resp: 78117

Ion Ratio Lower Upper

62 100

64 30.2 26.6 40.0





#5

Bromomethane

Concen: 50.397 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 70101

Ion Ratio Lower Upper

94 100

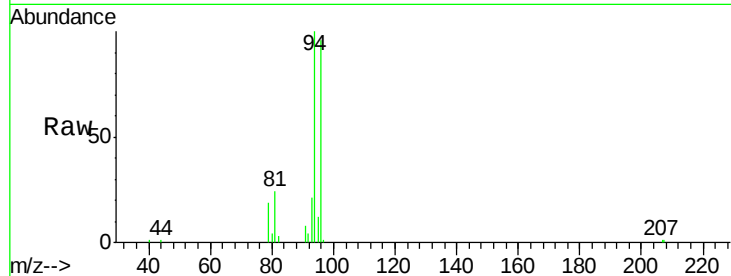
96 95.6 74.0 111.0

Manual Integrations

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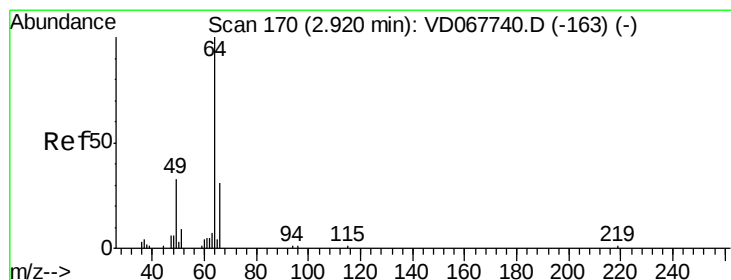
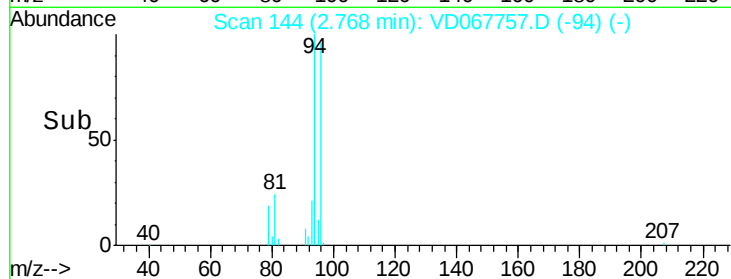
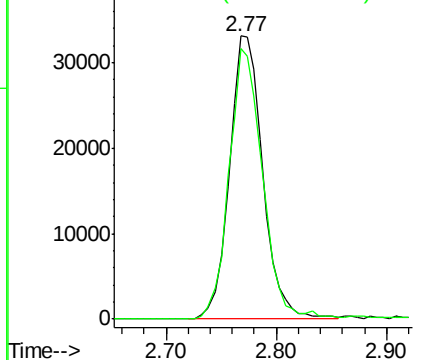
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.161 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067757.D

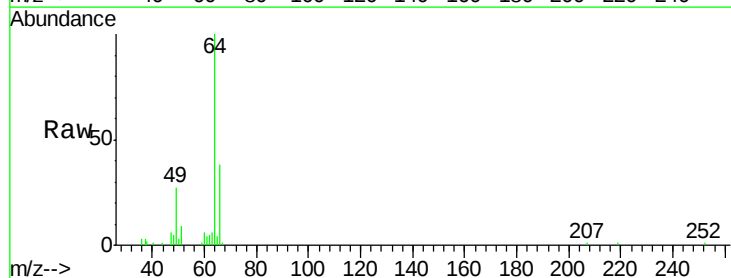
Acq: 23 Nov 2020 20:27

Tgt Ion: 64 Resp: 50228

Ion Ratio Lower Upper

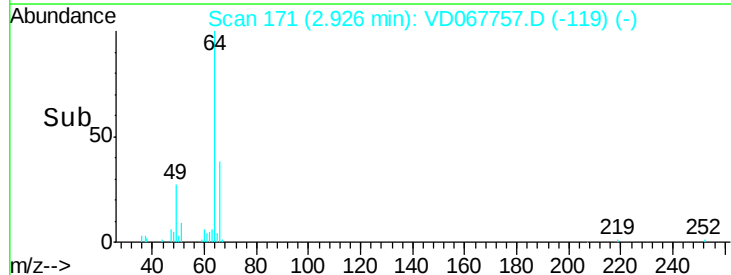
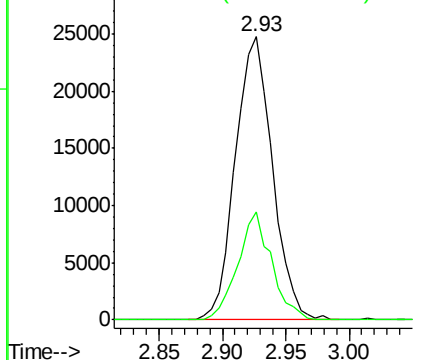
64 100

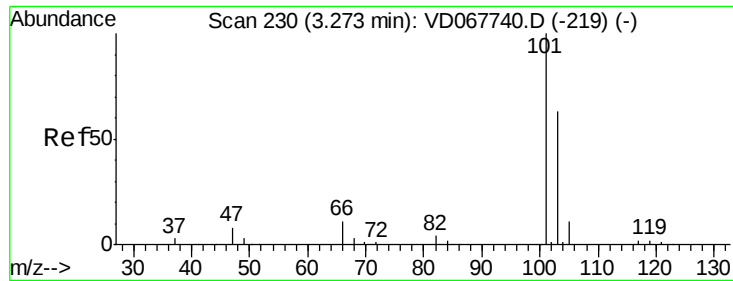
66 38.3 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

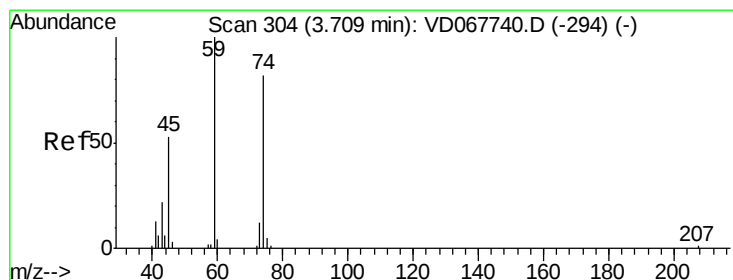
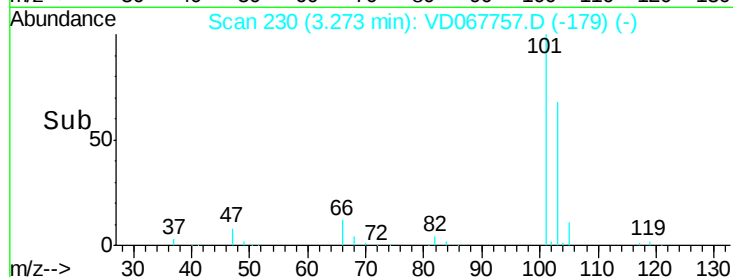
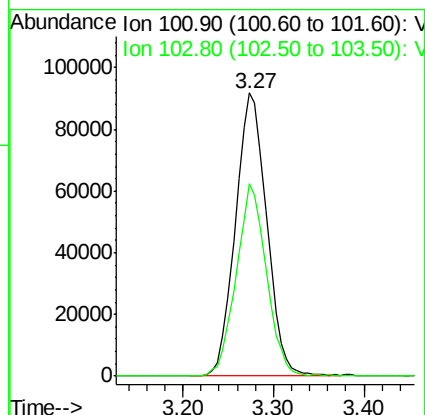
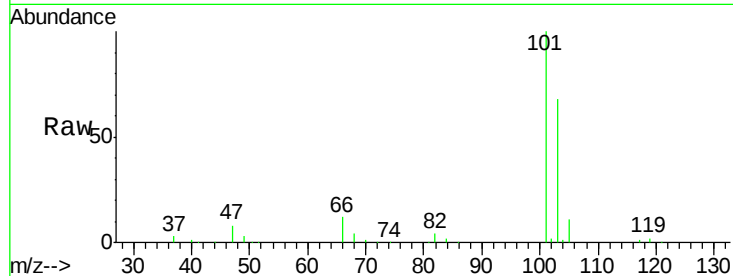
Trichlorofluoromethane
Concen: 44.237 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
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ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		220391		
103	67.8	50.3	75.5		

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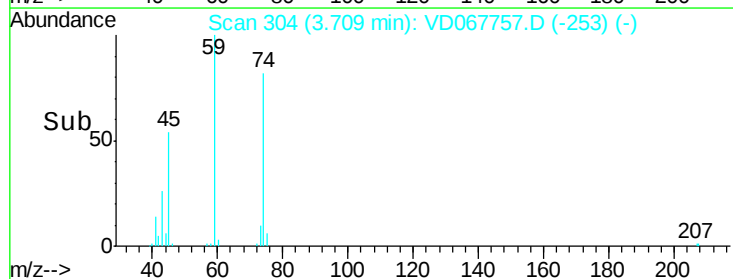
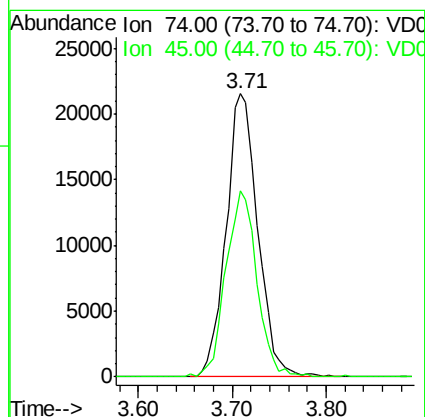
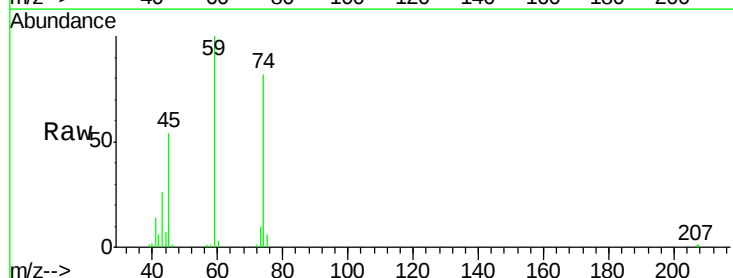
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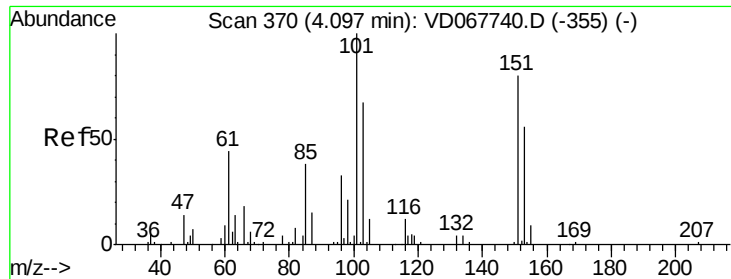


#8

Diethyl Ether
Concen: 49.970 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		50263		
45	64.7	35.9	107.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.340 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

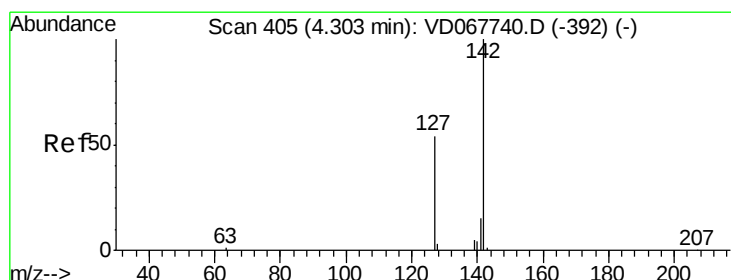
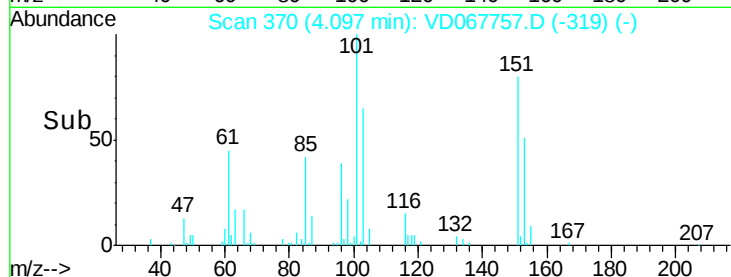
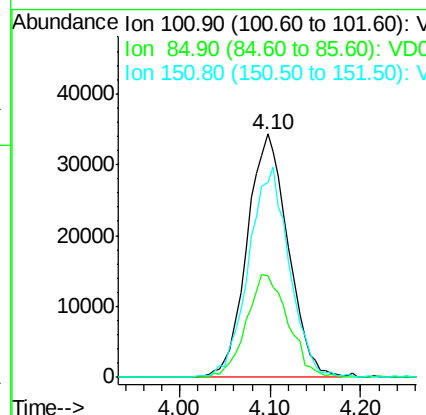
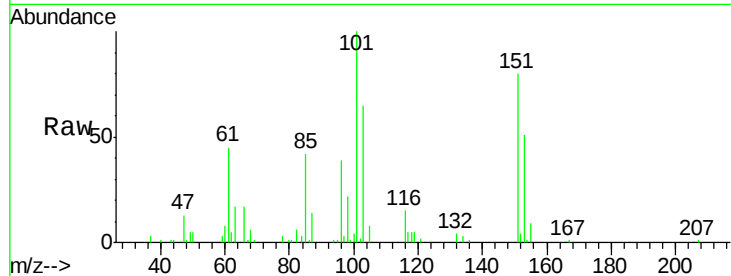
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	108167
Ion Ratio	Lower	Upper	
101	100		
85	42.6	35.5	53.3
151	85.4	69.4	104.0

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#10

Methyl Iodide

Concen: 48.800 ug/l

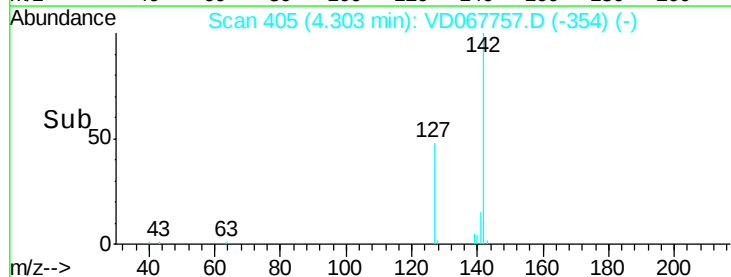
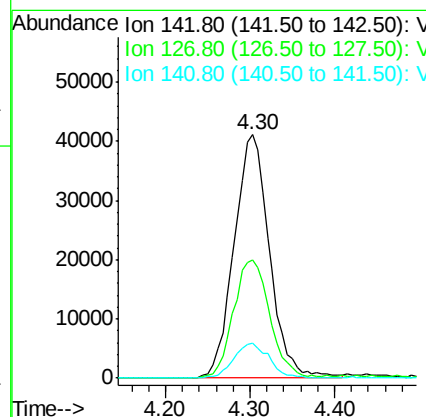
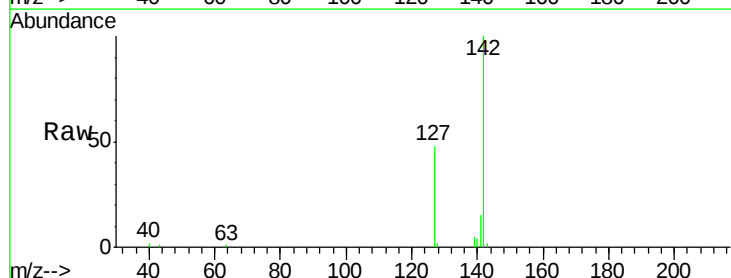
RT: 4.30 min Scan# 405

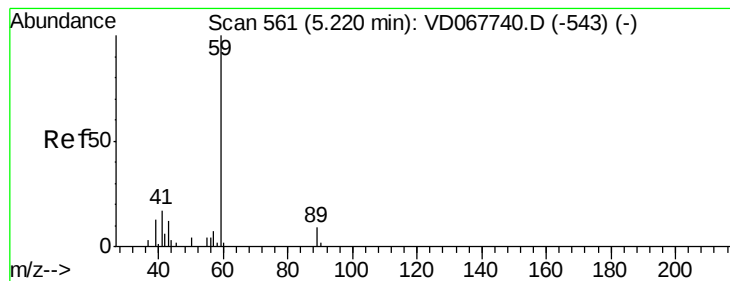
Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Tgt Ion:	142	Resp:	119164
Ion Ratio	Lower	Upper	
142	100		
127	49.9	42.2	63.2
141	14.4	11.8	17.6





#11

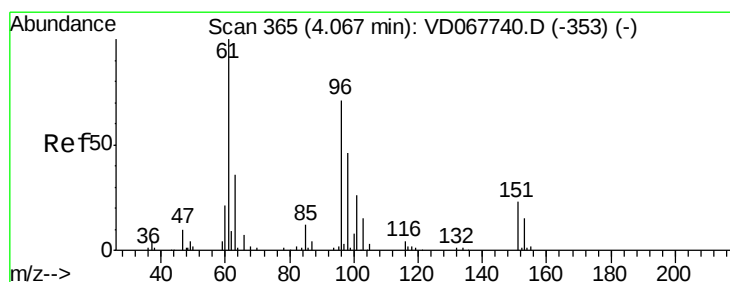
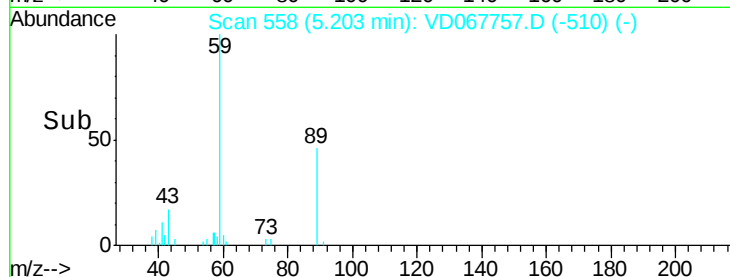
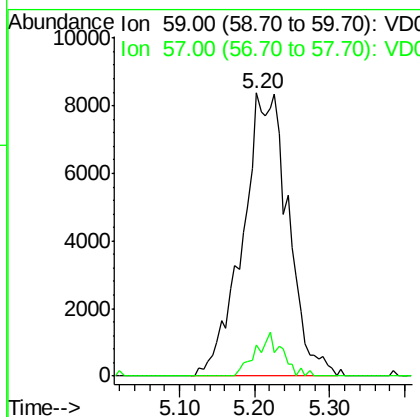
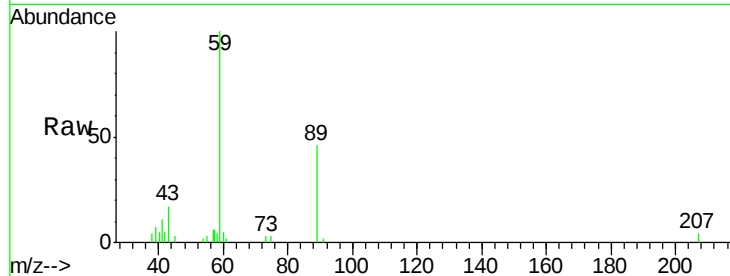
Tert butyl alcohol
 Concen: 258.129 ug/l m
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 35282
 Ion Ratio Lower Upper
 59 100
 57 8.9 3.4 5.0#

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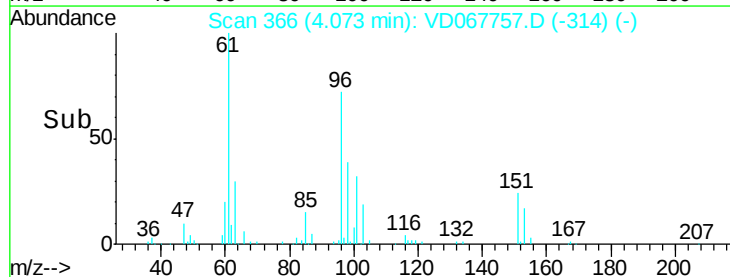
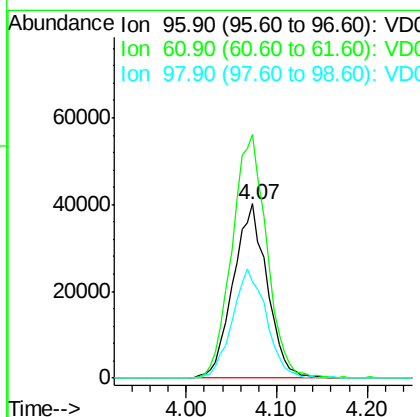
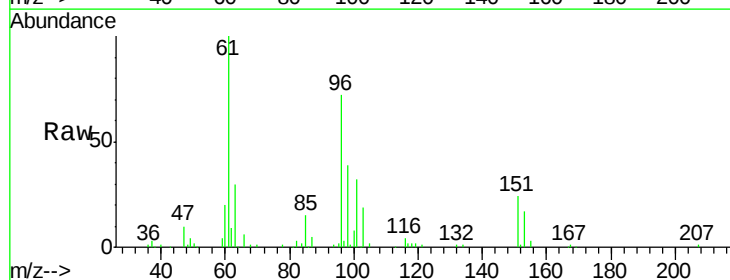
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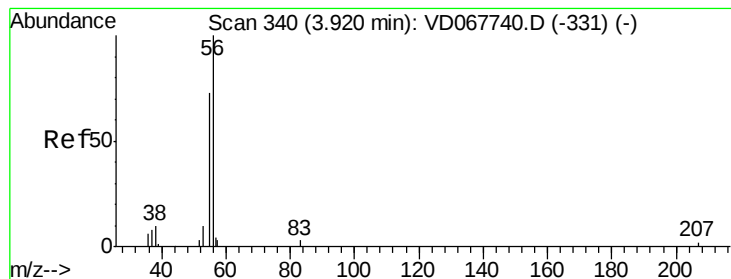


#12

1,1-Dichloroethene
 Concen: 47.346 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Tgt Ion: 96 Resp: 104516
 Ion Ratio Lower Upper
 96 100
 61 139.6 112.9 169.3
 98 55.1 52.4 78.6





#13

Acrolein

Concen: 248.721 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 26957

Ion Ratio Lower Upper

56 100

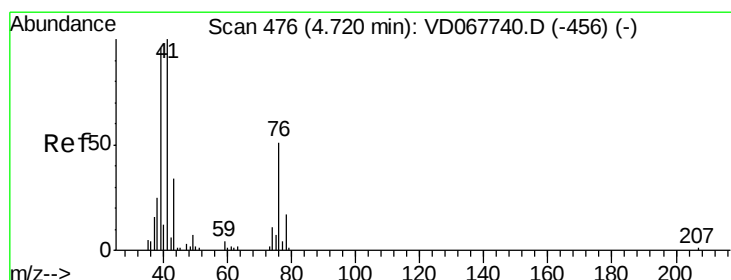
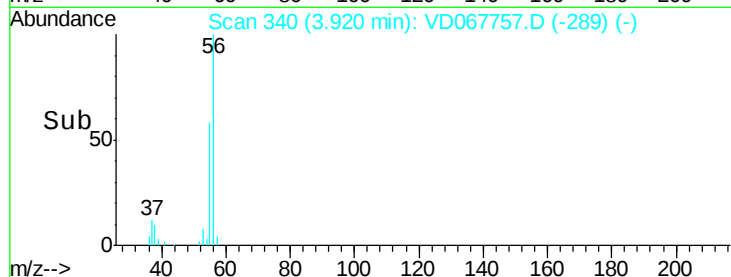
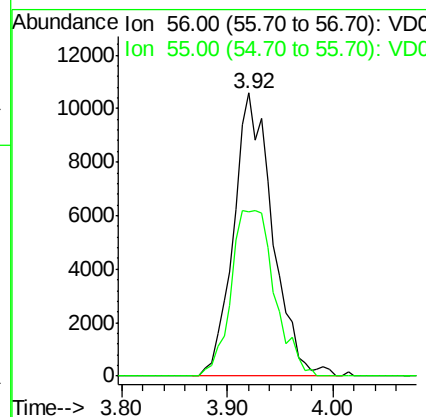
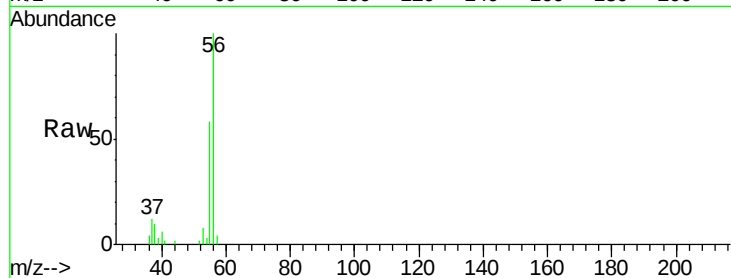
55 65.0 61.2 91.8

Manual Integrations

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#14

Allyl chloride

Concen: 50.591 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

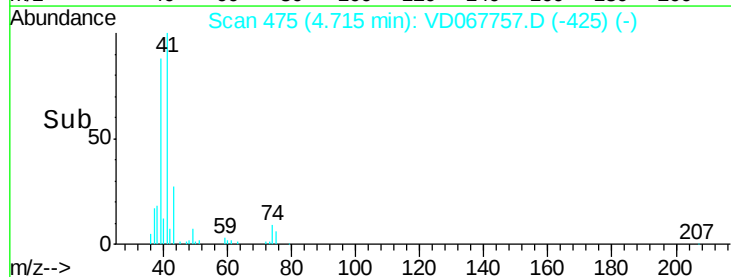
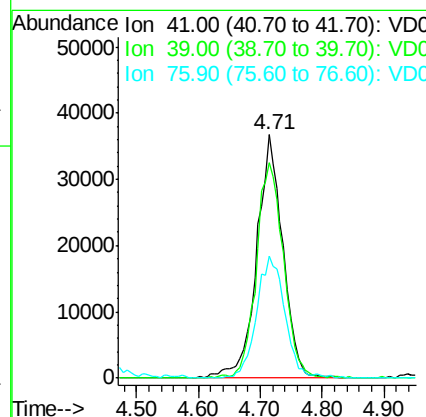
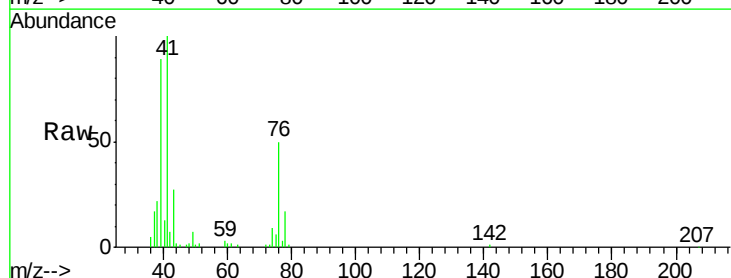
Tgt Ion: 41 Resp: 107957

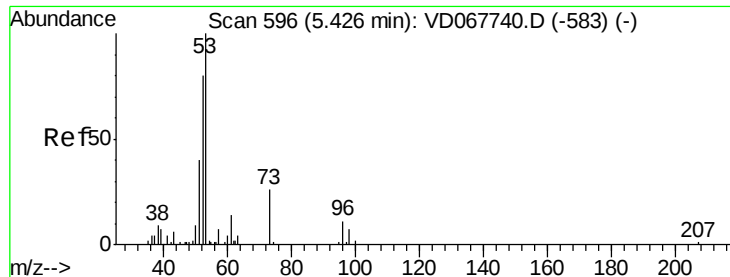
Ion Ratio Lower Upper

41 100

39 91.8 74.6 111.8

76 53.7 43.3 64.9





#15

Acrylonitrile

Concen: 260.259 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

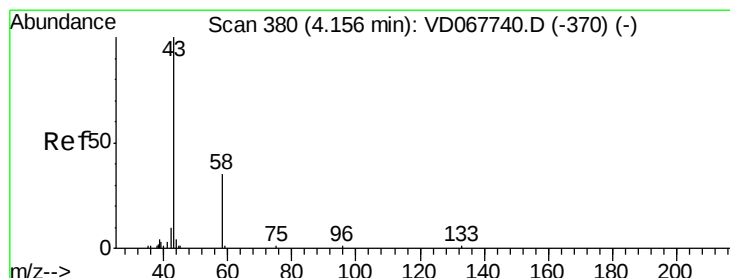
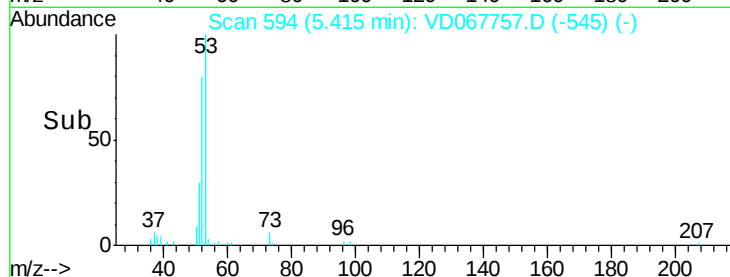
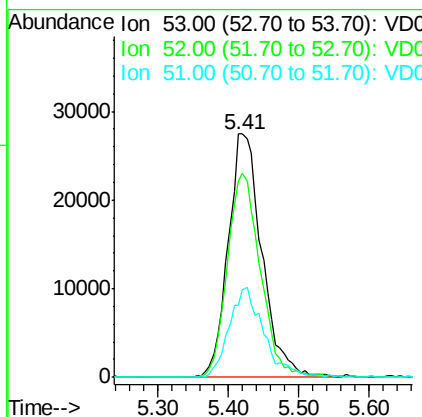
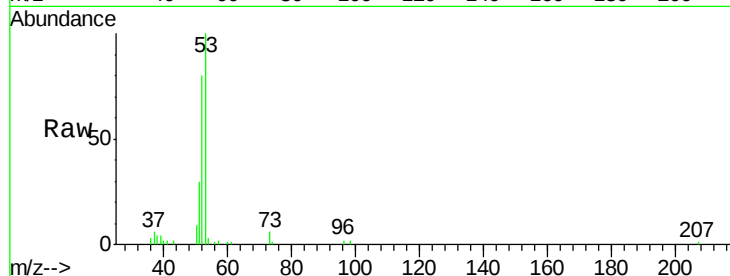
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	91178
Ion	Ratio	Lower	Upper
53	100		
52	81.4	63.4	95.2
51	37.3	31.4	47.2

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#16

Acetone

Concen: 230.138 ug/l

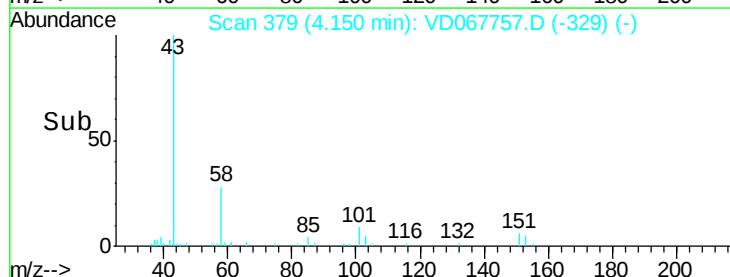
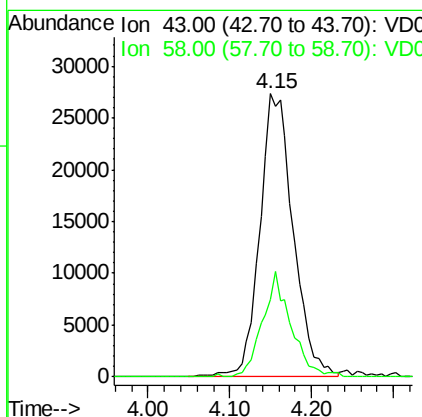
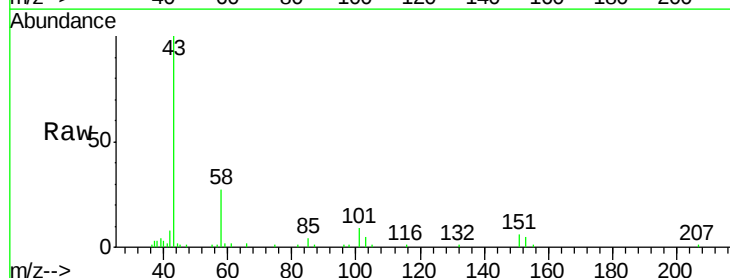
RT: 4.15 min Scan# 379

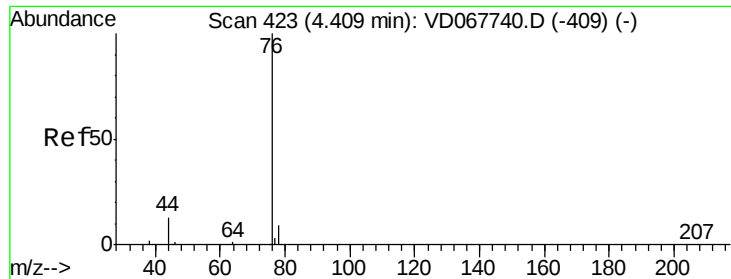
Delta R.T. -0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Tgt Ion:	43	Resp:	77741
Ion	Ratio	Lower	Upper
43	100		
58	27.2	27.6	41.4#





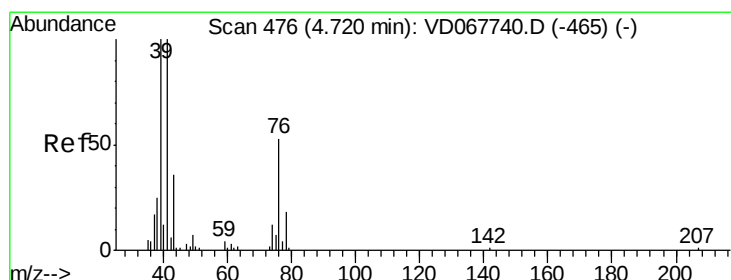
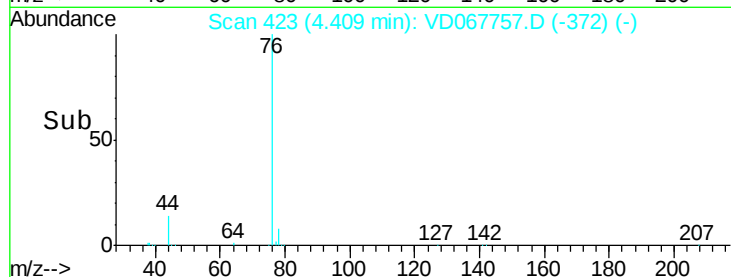
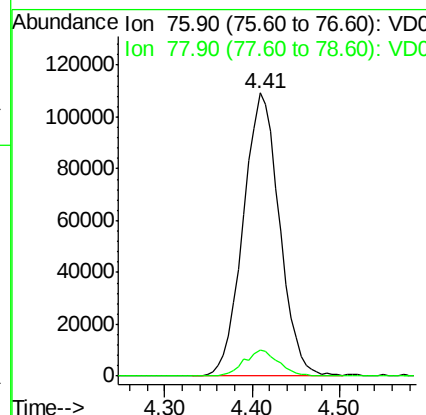
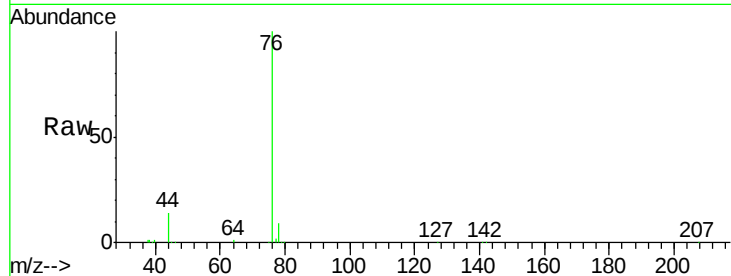
#17
Carbon Disulfide
Concen: 48.103 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

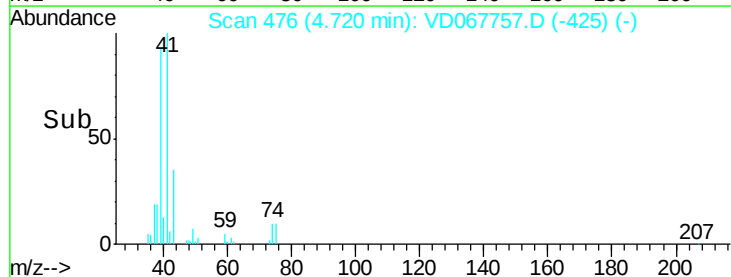
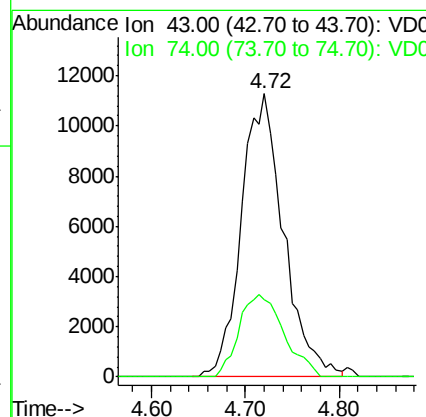
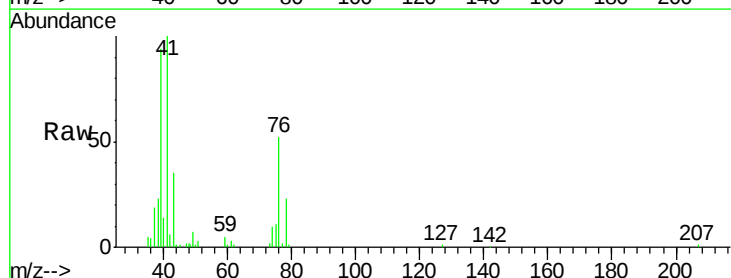
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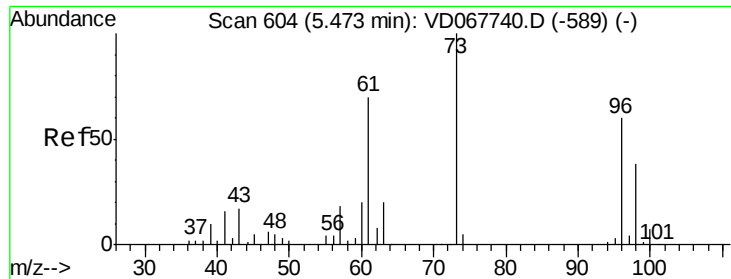
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11/24/2020 2:56:43 PM



#18
Methyl Acetate
Concen: 51.504 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.9	29.7	44.5





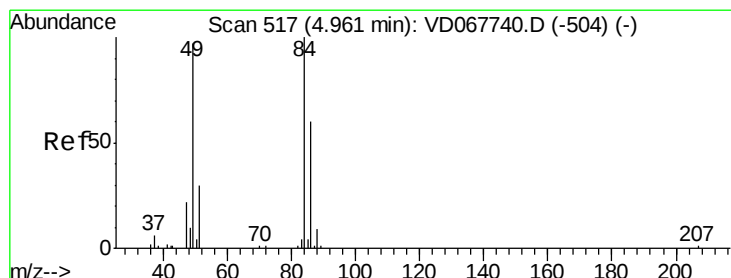
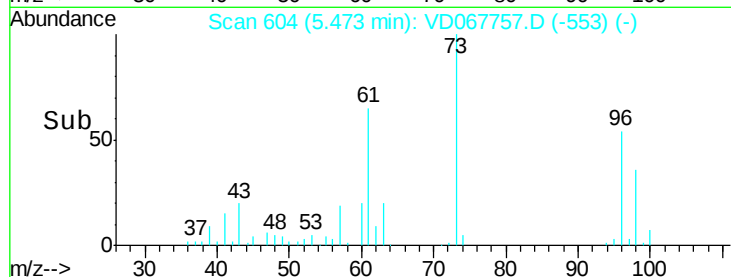
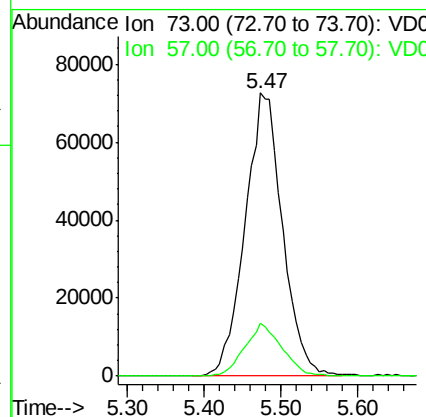
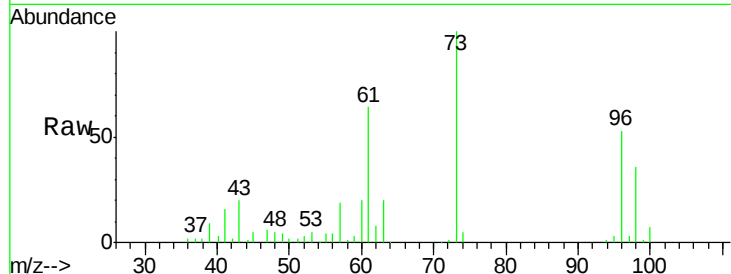
#19
Methyl tert-butyl Ether
Concen: 52.330 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 246885
Ion Ratio Lower Upper
73 100
57 18.8 14.8 22.2

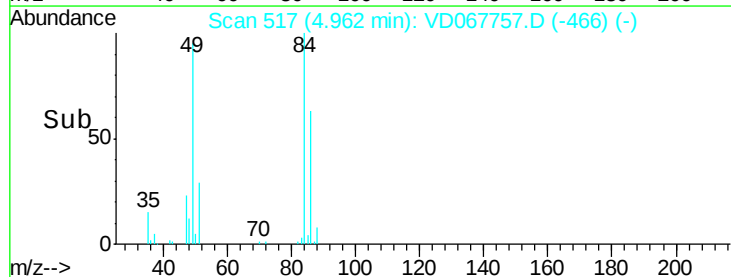
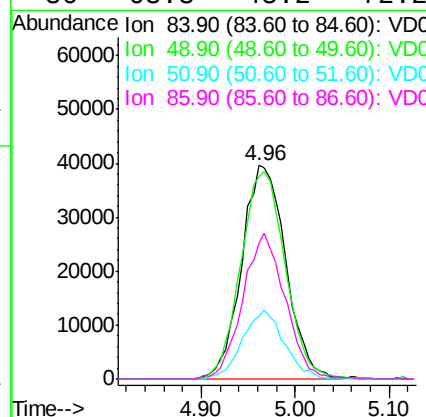
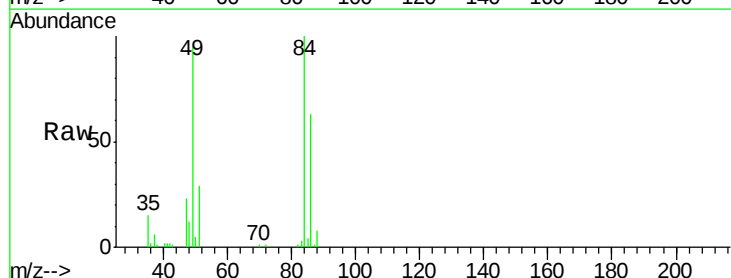
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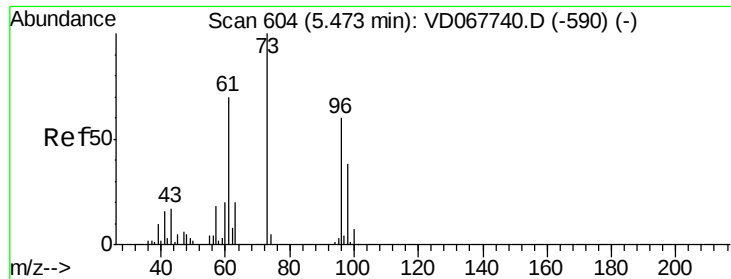
MMDadoda
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#20
Methylene Chloride
Concen: 50.227 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion: 84 Resp: 128328
Ion Ratio Lower Upper
84 100
49 94.8 77.4 116.2
51 29.4 24.1 36.1
86 63.3 48.2 72.2





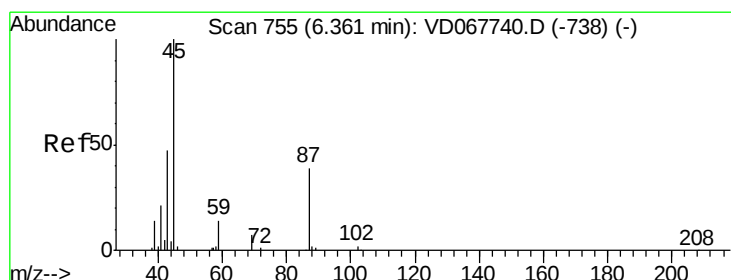
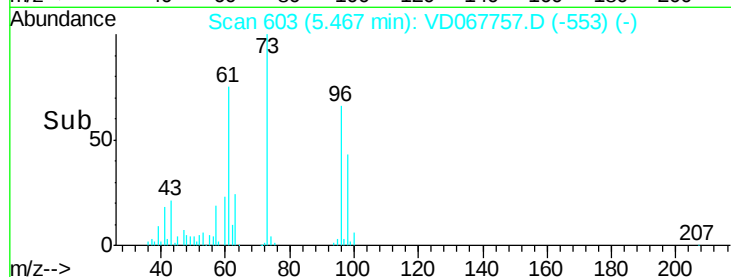
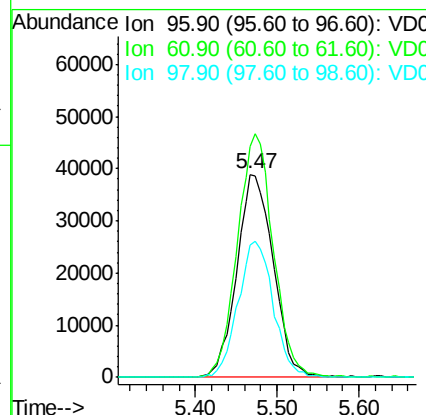
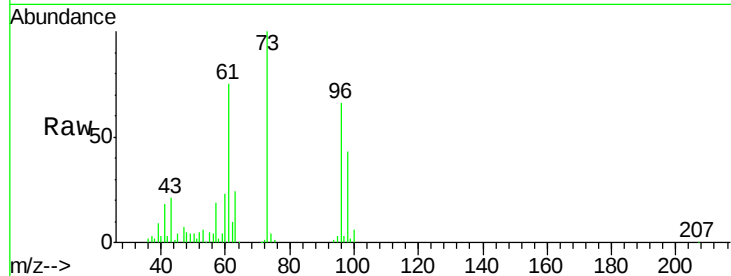
#21
trans-1,2-Dichloroethene
Concen: 48.049 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	114.0	94.0	141.0
98	65.5	51.3	76.9

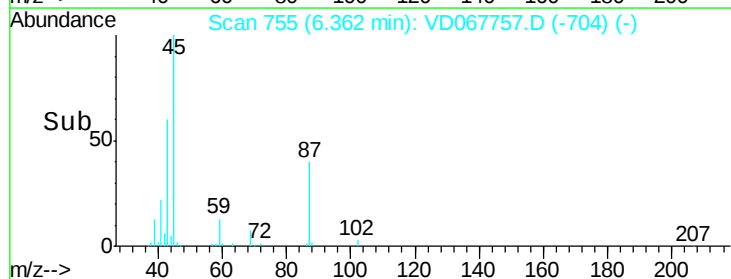
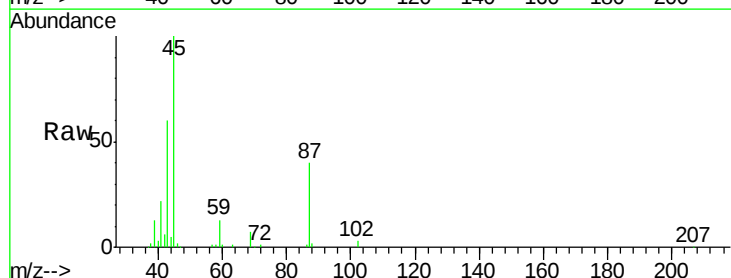
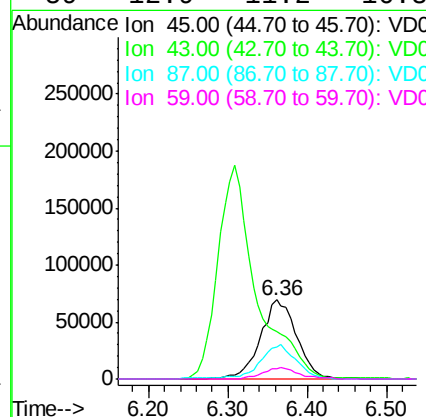
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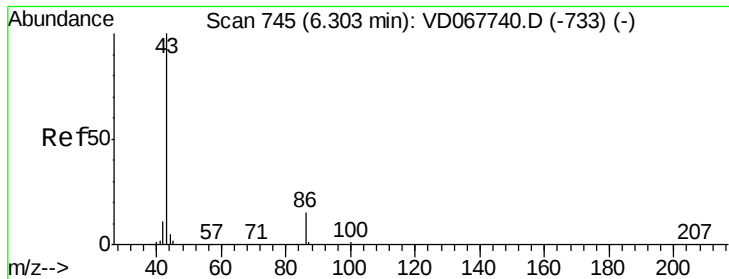
MMDadoda
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#22
Diisopropyl ether
Concen: 52.353 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.4	46.8	70.2
87	40.1	32.9	49.3
59	12.9	11.2	16.8





#23

Vinyl Acetate

Concen: 266.332 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 632825

Ion Ratio Lower Upper

43 100

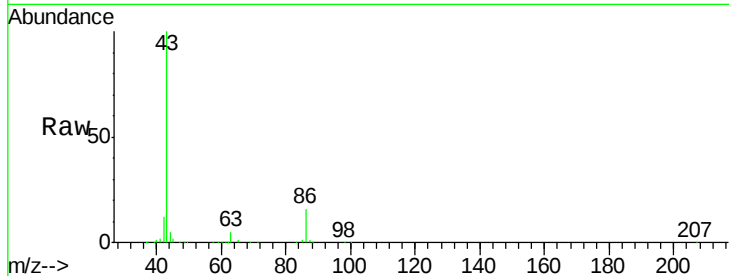
86 15.8 11.7 17.5

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

200000

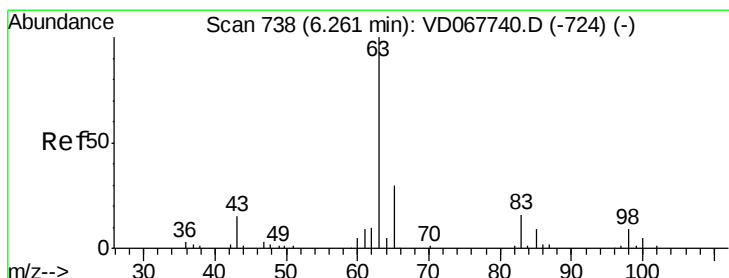
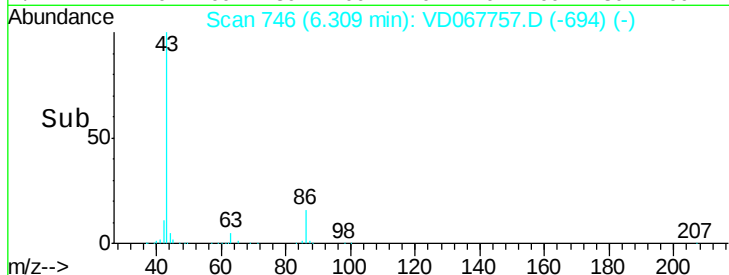
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.476 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

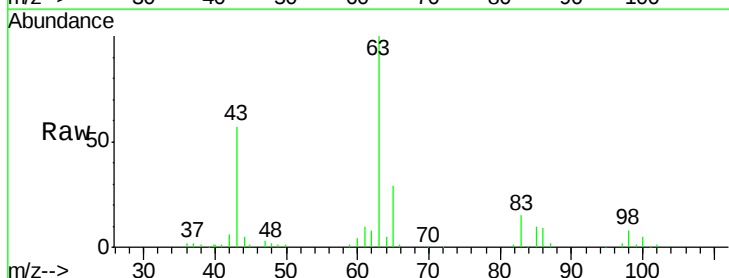
Tgt Ion: 63 Resp: 183831

Ion Ratio Lower Upper

63 100

98 7.7 4.4 13.2

100 4.9 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

80000

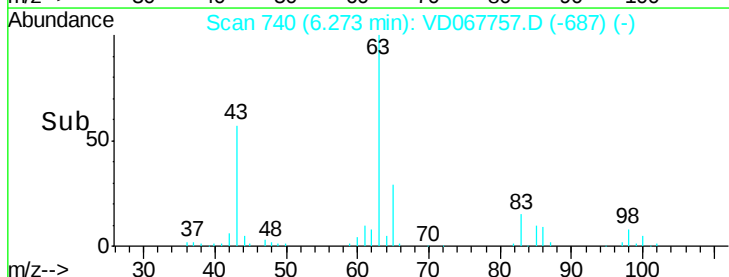
60000

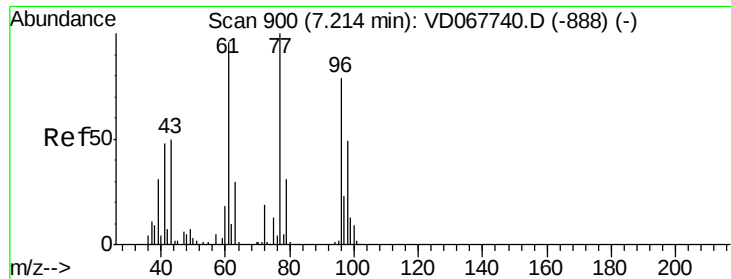
40000

20000

0

Time-->





#25

2-Butanone

Concen: 244.632 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 92731

Ion Ratio Lower Upper

43 100

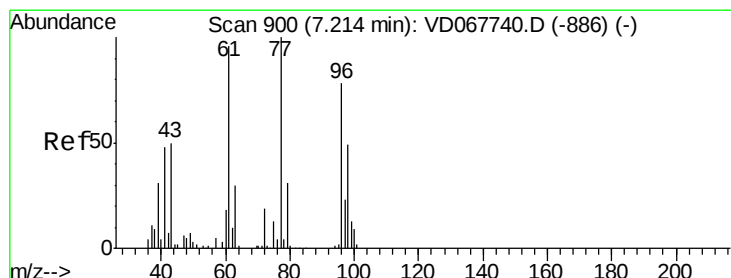
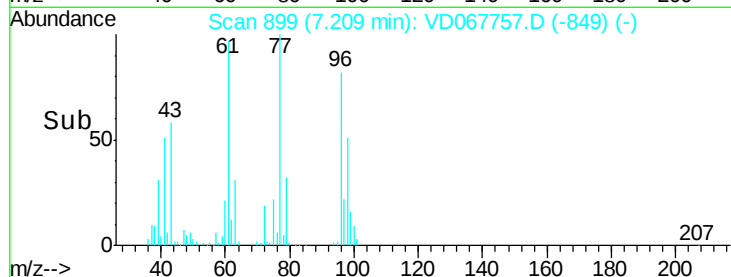
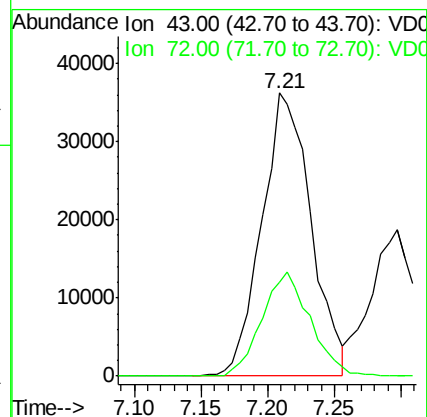
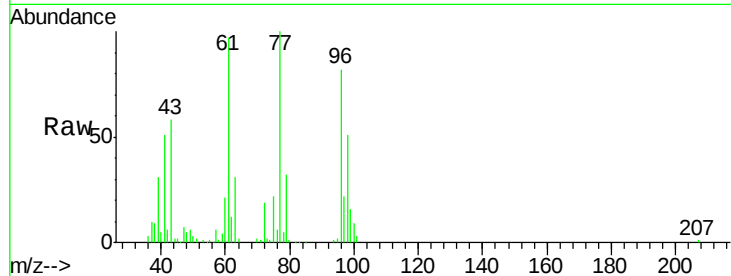
72 33.2 30.8 46.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.575 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067757.D

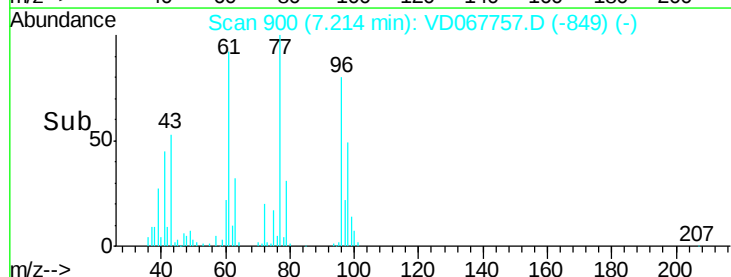
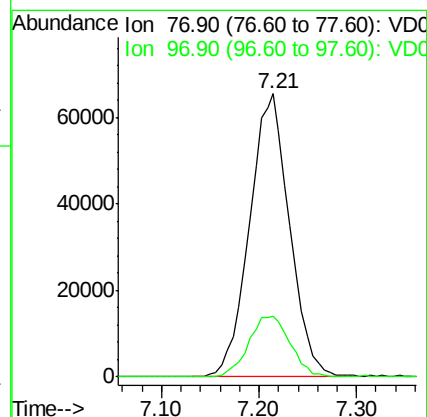
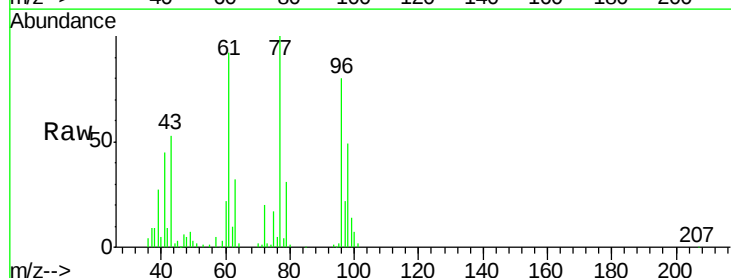
Acq: 23 Nov 2020 20:27

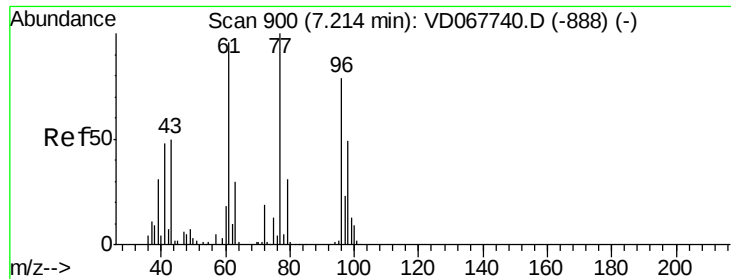
Tgt Ion: 77 Resp: 187796

Ion Ratio Lower Upper

77 100

97 22.3 11.1 33.3





#27

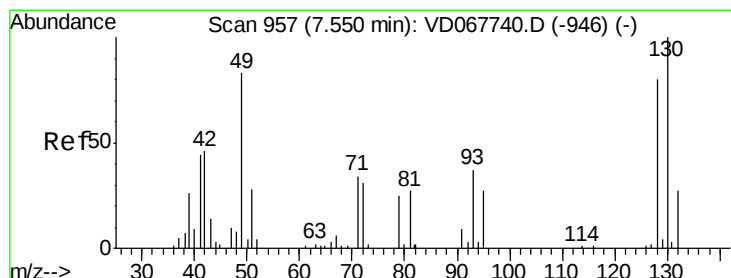
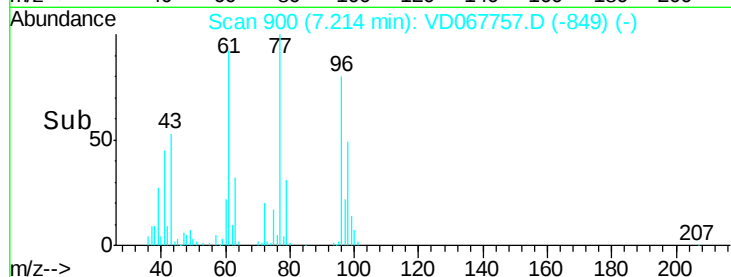
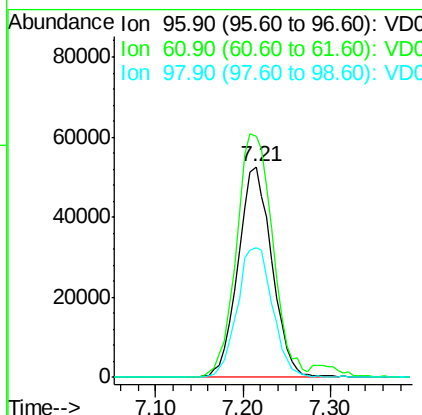
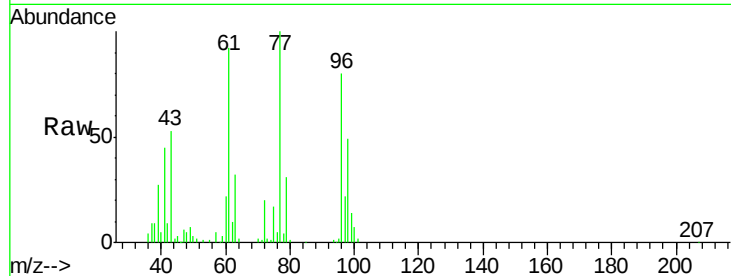
cis-1,2-Dichloroethene
 Concen: 51.407 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	137520		
61	124.4		0.0	258.0
98	64.3		0.0	131.8

Manual Integrations
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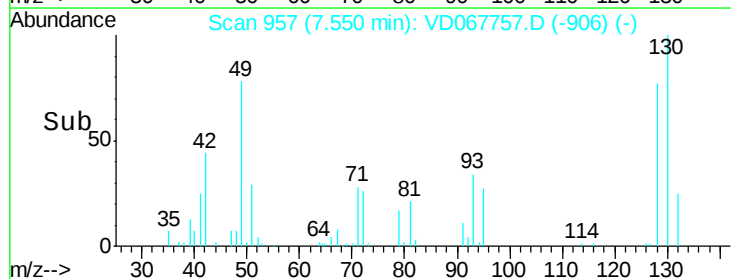
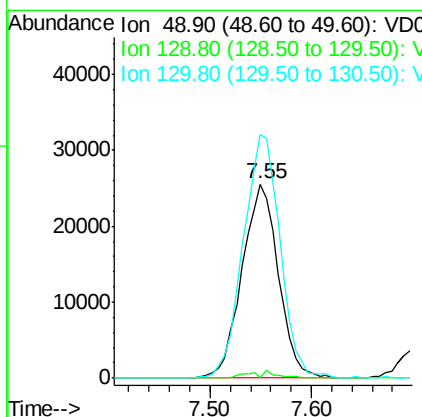
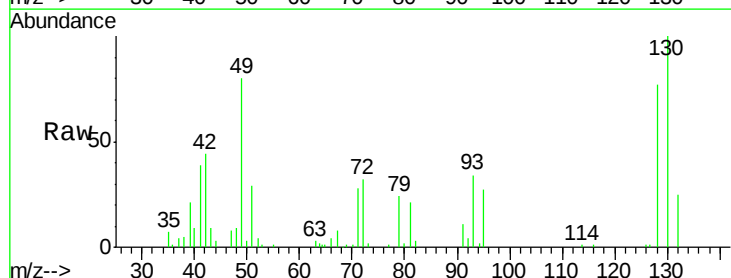
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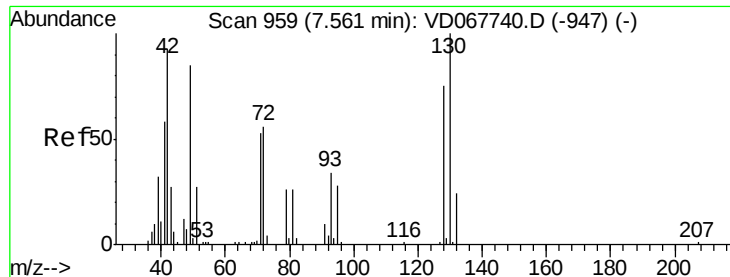


#28

Bromochloromethane
 Concen: 55.721 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	63742		
129	1.5		0.0	7.0
130	127.6		102.2	153.4





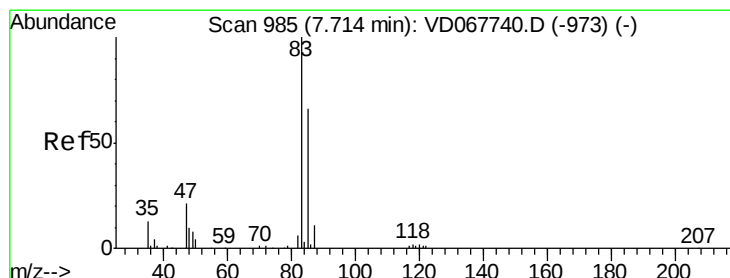
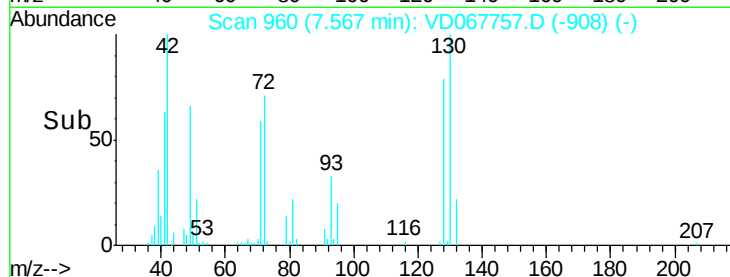
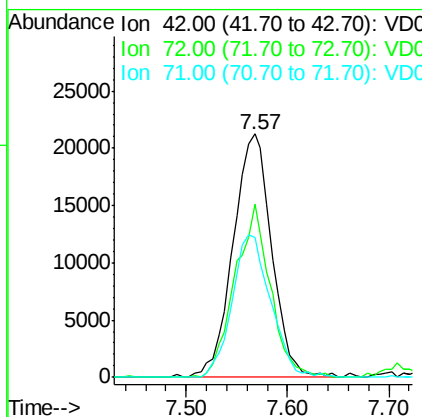
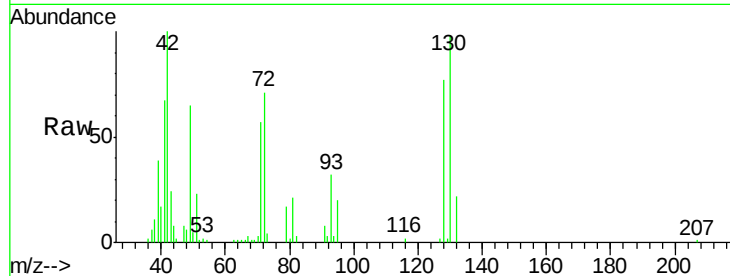
#29
Tetrahydrofuran
Concen: 260.676 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	65.6	49.3	73.9
71	58.7	45.9	68.9

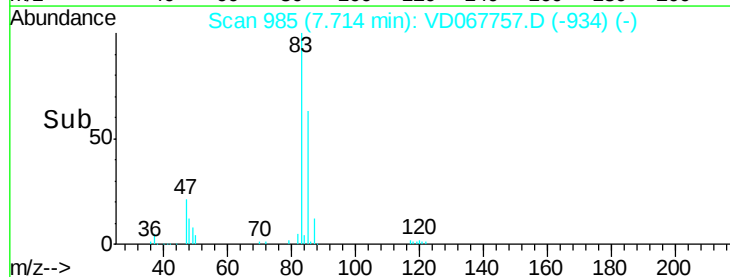
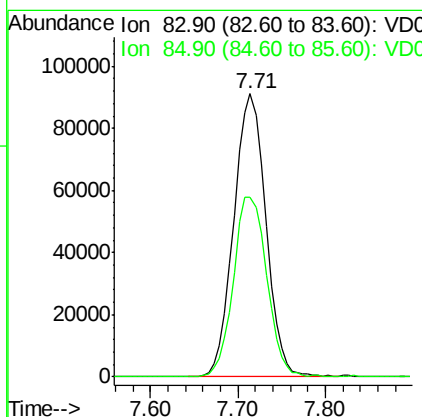
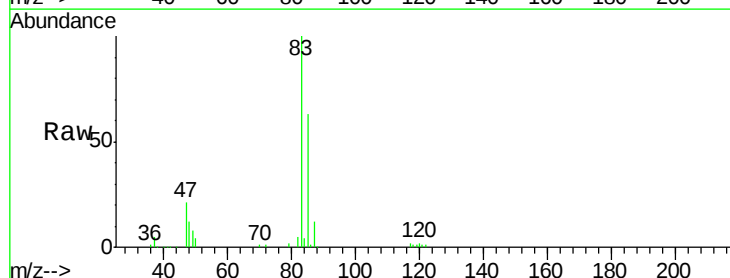
Manual Integrations
APPROVED

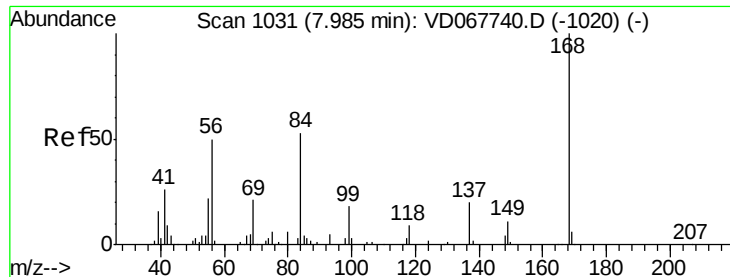
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#30
Chloroform
Concen: 48.553 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.1	79.7





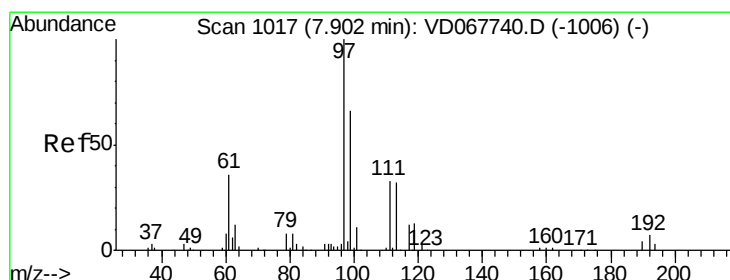
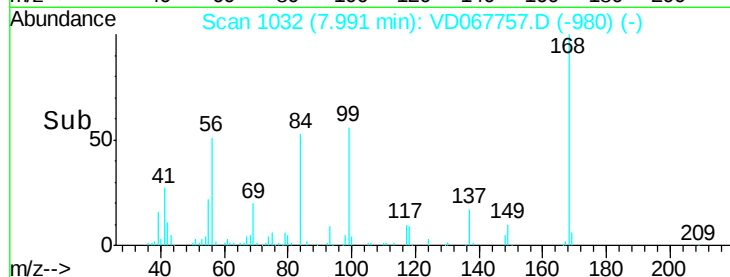
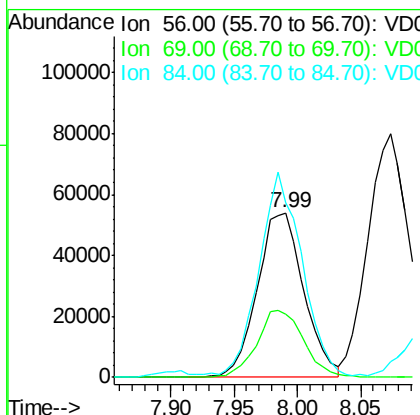
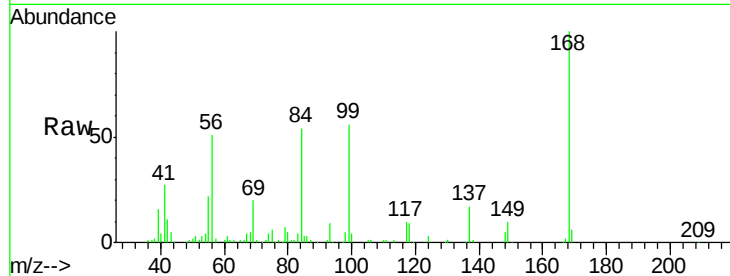
#31
Cyclohexane
Concen: 43.625 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.5	33.2	49.8
84	104.1	84.8	127.2

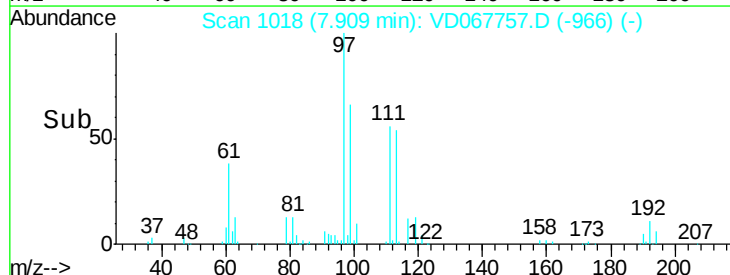
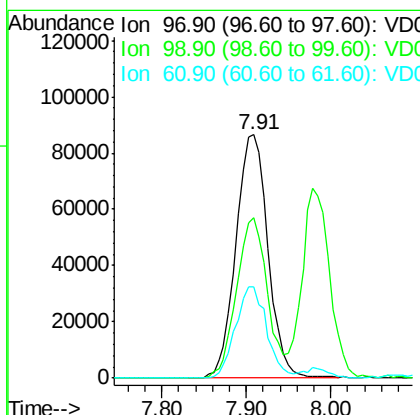
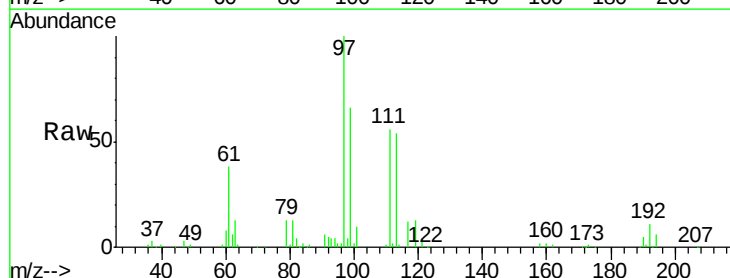
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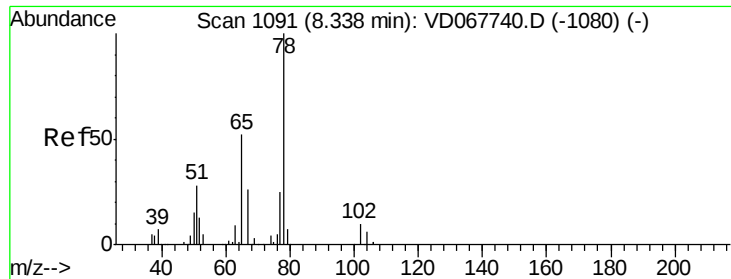
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#32
1,1,1-Trichloroethane
Concen: 45.917 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.1	76.7
61	36.4	29.4	44.2





#33

1,2-Dichloroethane-d4

Concen: 56.340 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 147319

Ion Ratio Lower Upper

65 100

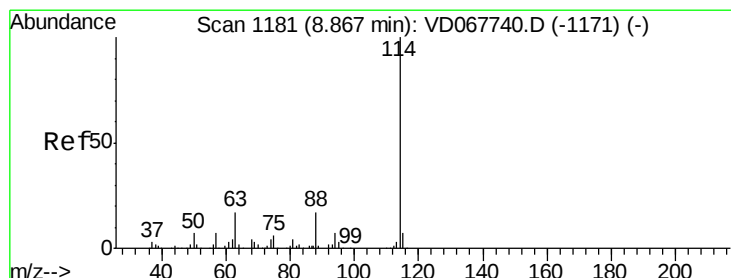
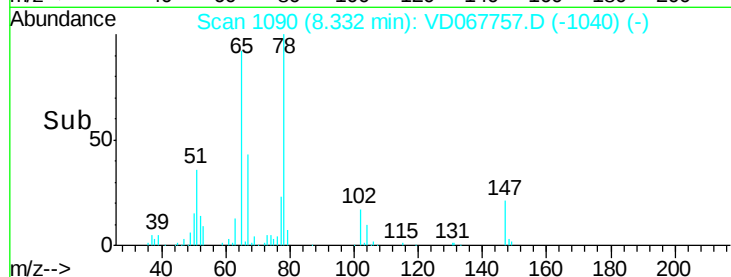
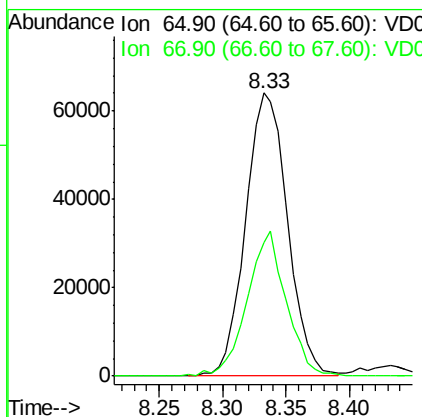
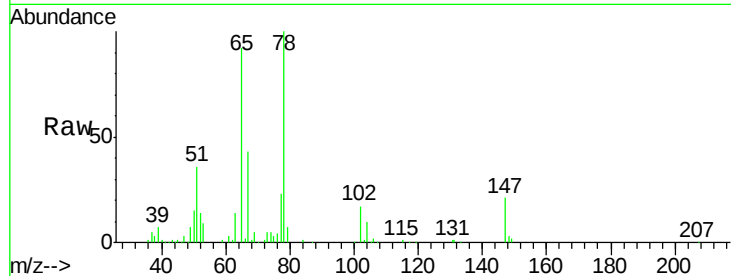
67 47.9 0.0 101.0

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11/24/2020 2:56:43 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

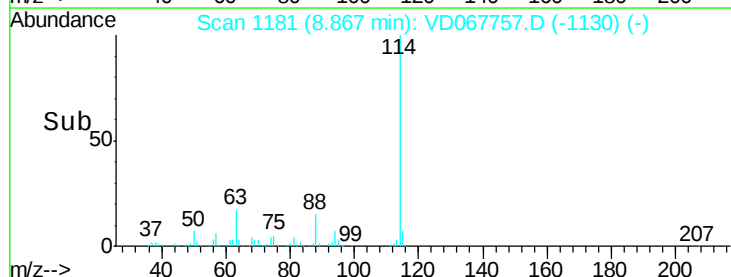
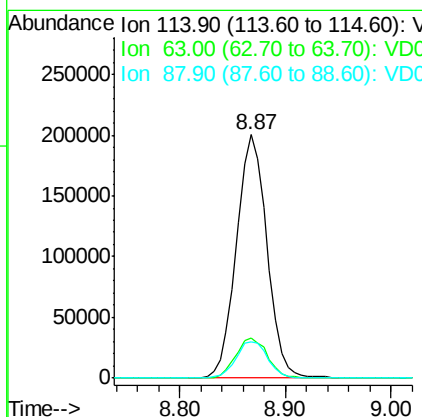
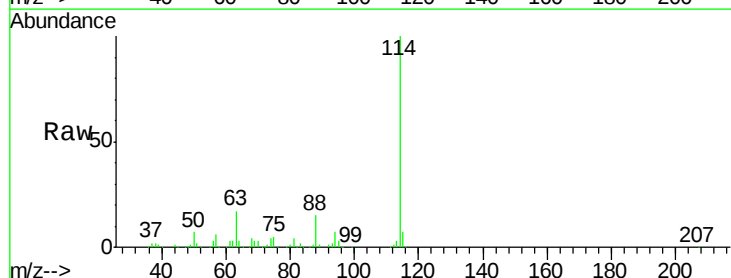
Tgt Ion: 114 Resp: 401731

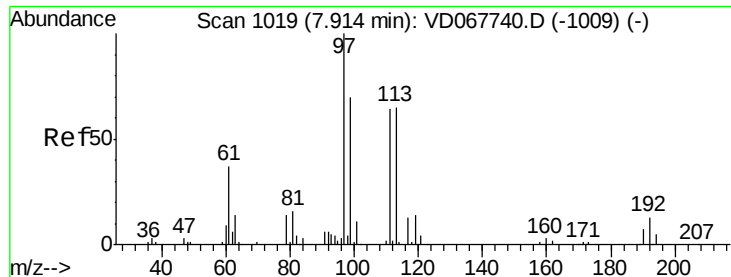
Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.8

88 14.9 0.0 34.4





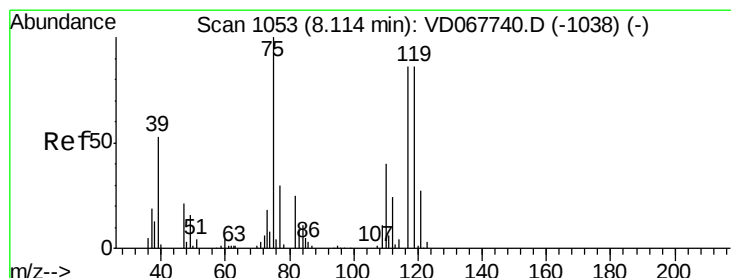
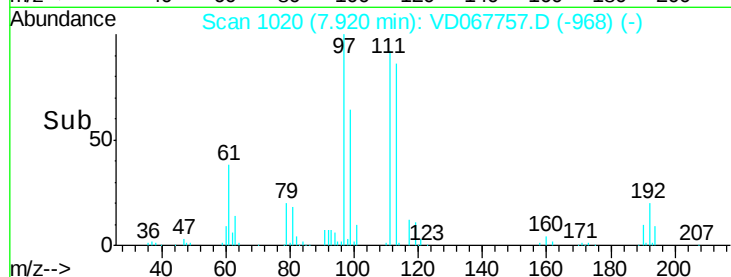
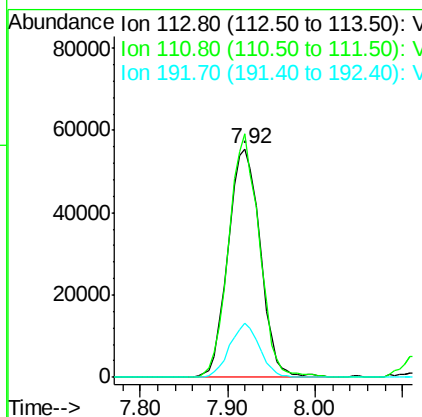
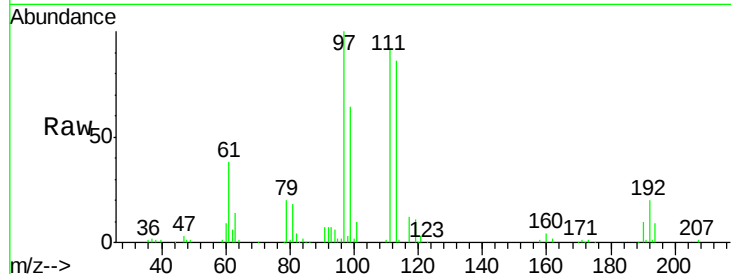
#35
Dibromofluoromethane
Concen: 54.360 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138978		
111	101.4	81.4	122.0	
192	21.9	17.0	25.4	

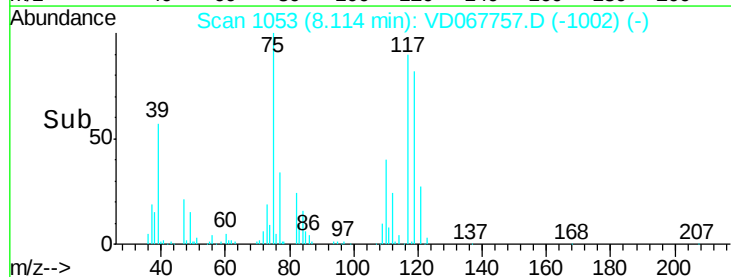
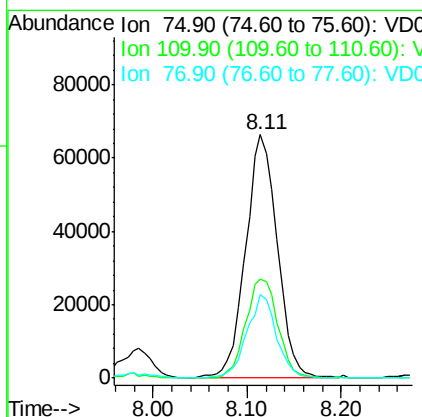
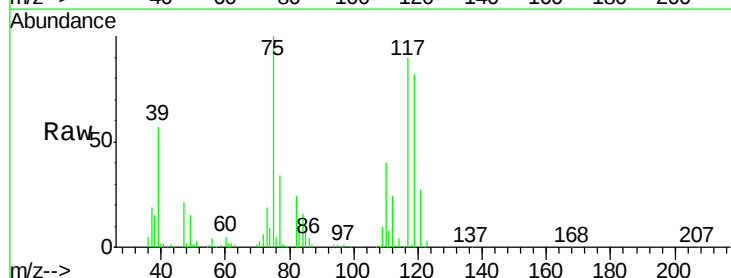
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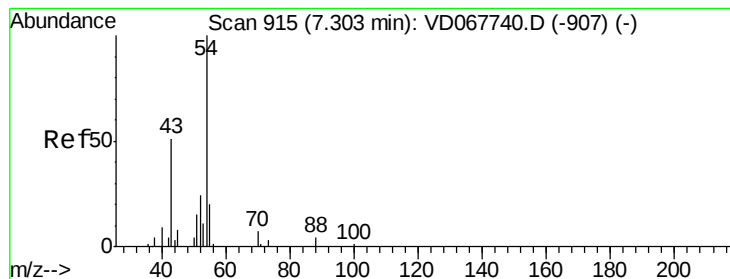
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#36
1,1-Dichloropropene
Concen: 44.926 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	154874		
110	41.4	20.1	60.2	
77	32.0	24.8	37.2	





#37

Ethyl Acetate

Concen: 45.780 ug/l

RT: 7.30 min Scan# 914

Delta R.T. -0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

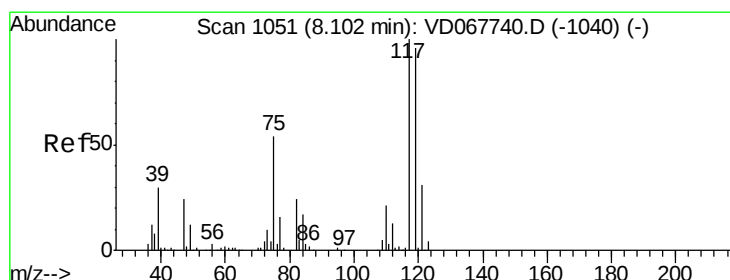
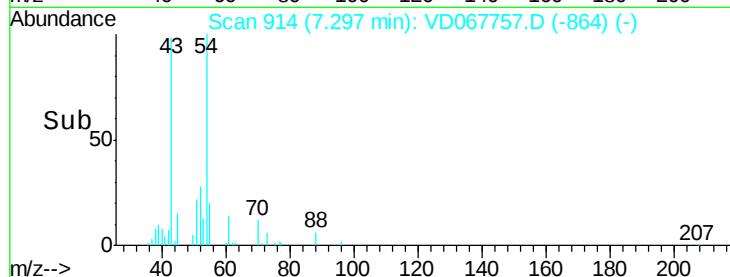
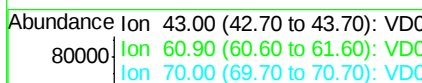
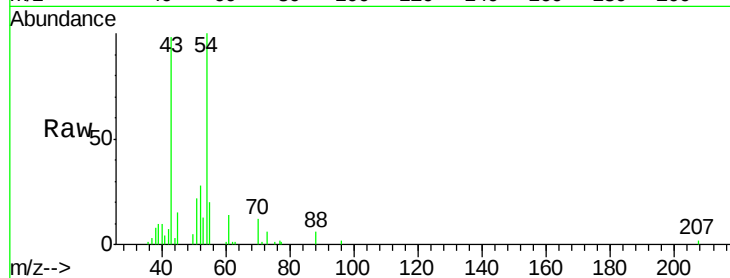
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	42436
Ion	Ratio	Lower	Upper
43	100		
61	17.6	12.9	19.3
70	15.9	12.2	18.2

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 43.606 ug/l

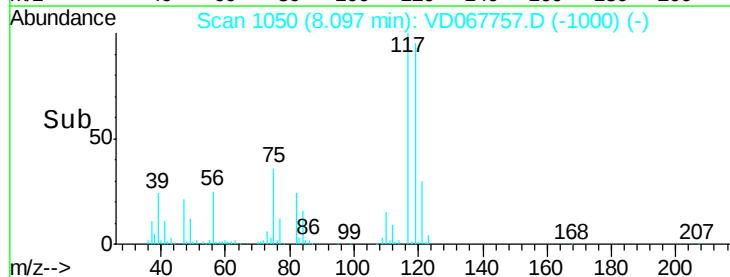
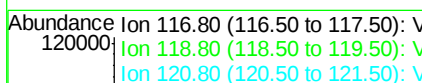
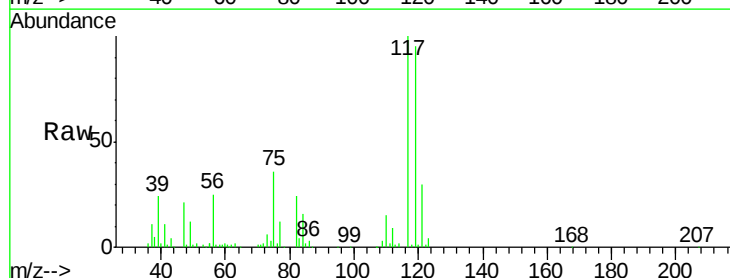
RT: 8.10 min Scan# 1050

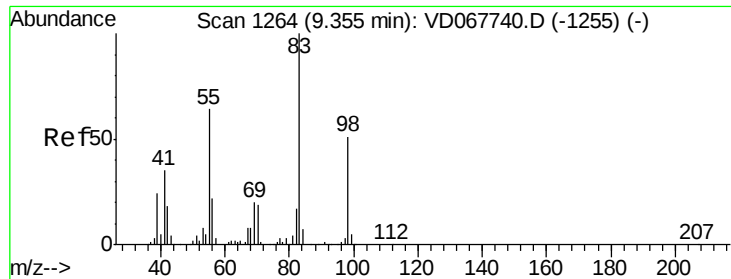
Delta R.T. -0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Tgt Ion:	117	Resp:	217900
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	115.0
121	30.5	24.5	36.7





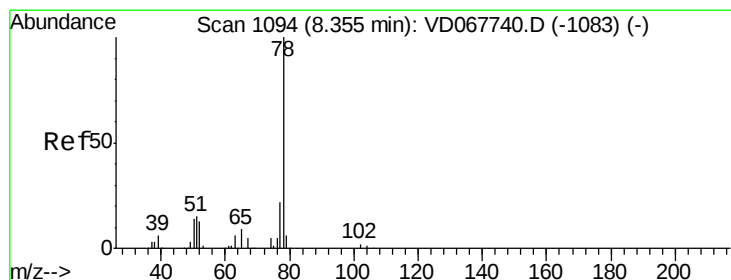
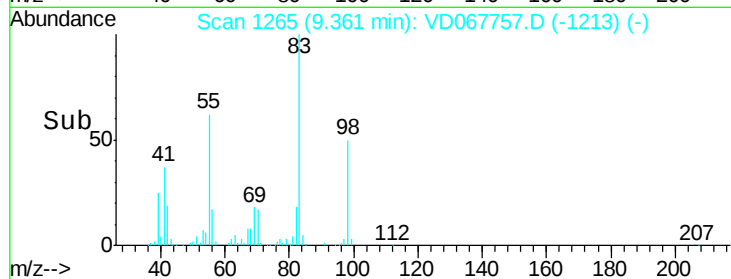
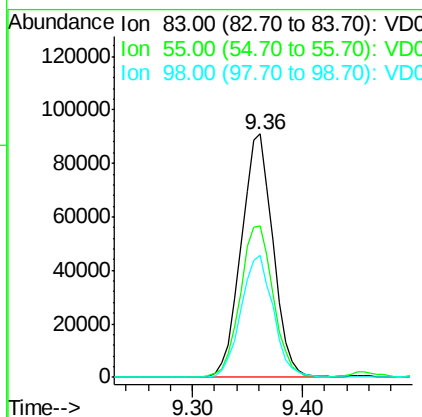
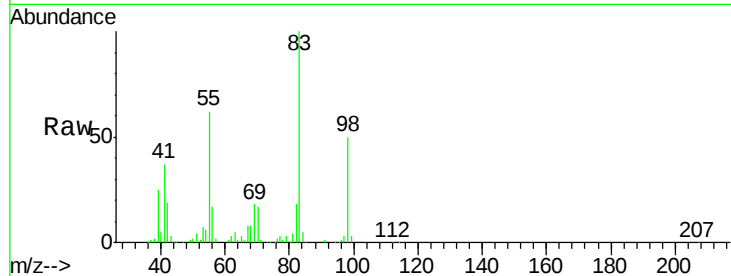
#39
Methylvlcvclohexane
Concen: 45.364 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	62.1	51.0	76.4
98	50.0	40.4	60.6

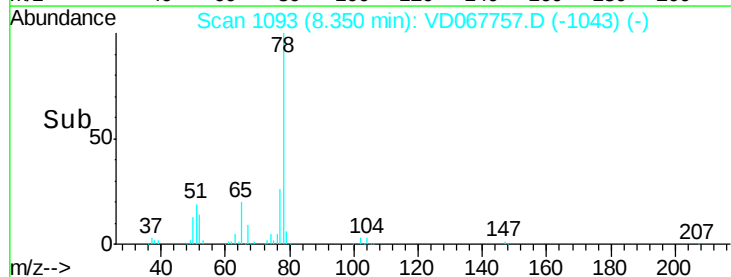
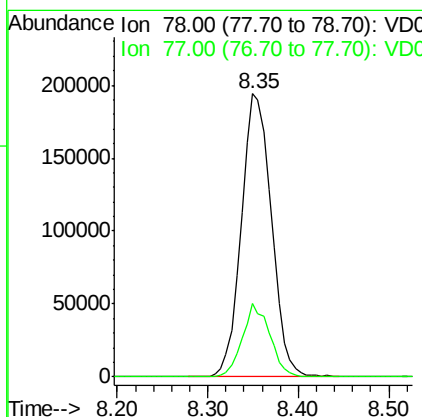
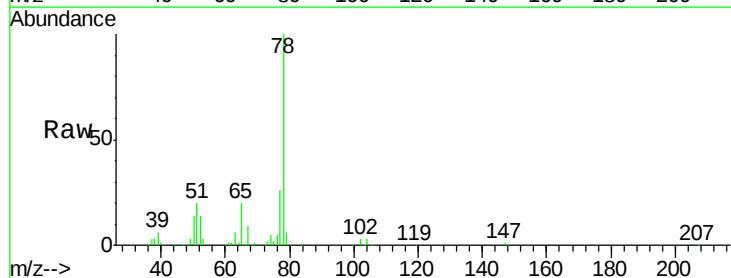
Manual Integrations
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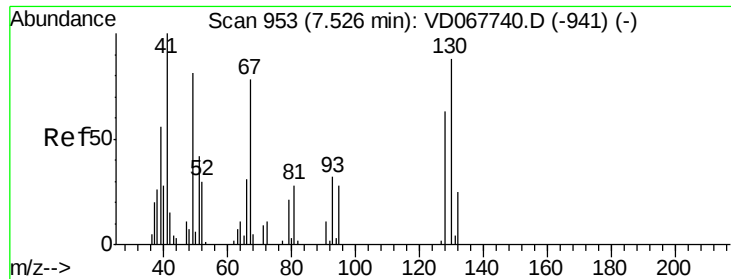
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#40
Benzene
Concen: 47.282 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.0	17.8	26.6





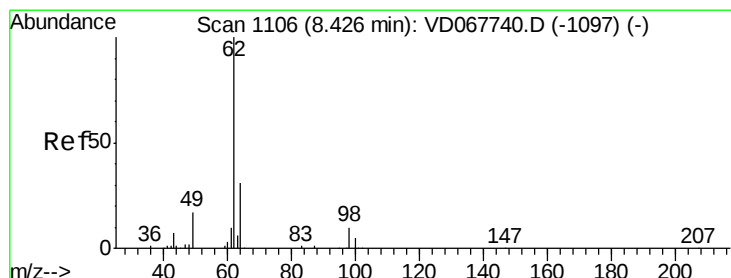
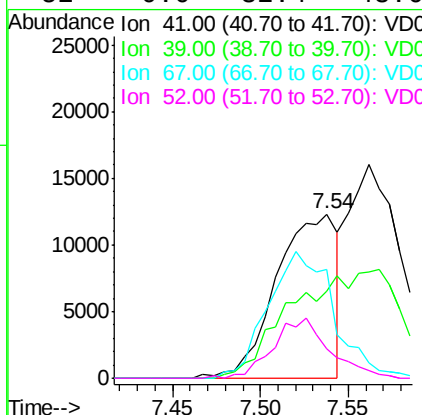
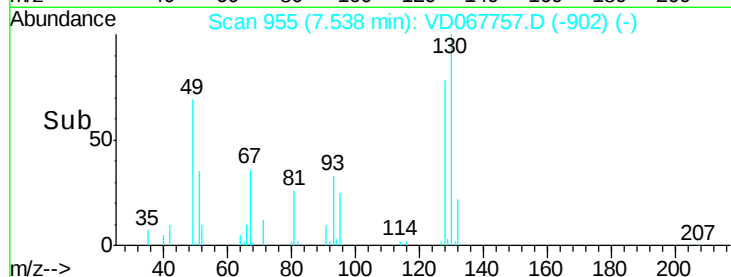
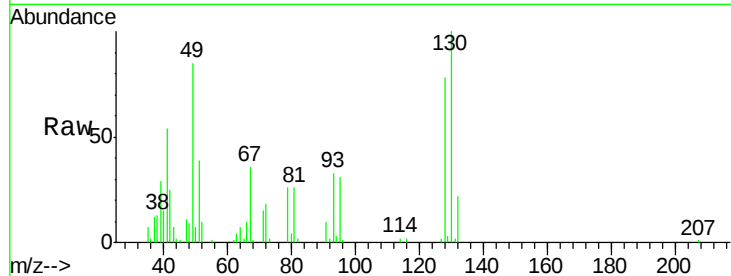
#41
Methacrylonitrile
Concen: 63.061 ug/l m
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	120.3	50.2	75.4#
67	0.0	79.0	118.6#
52	0.0	32.4	48.6#

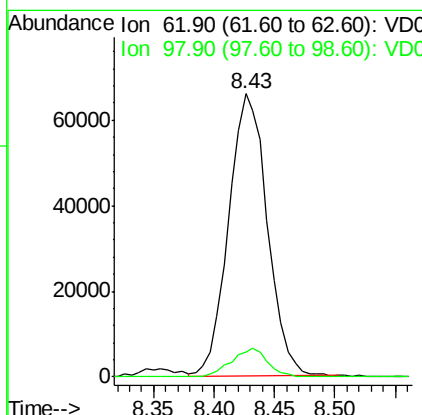
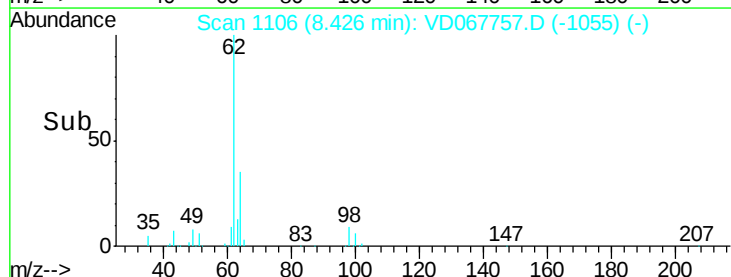
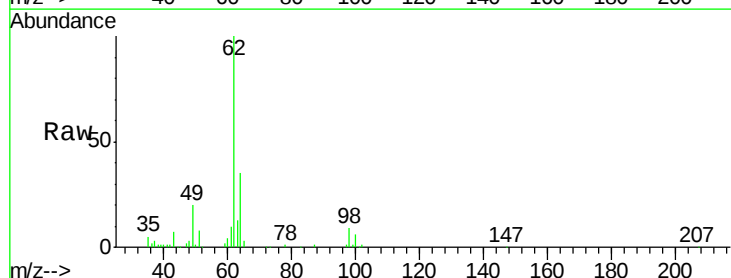
Manual Integrations
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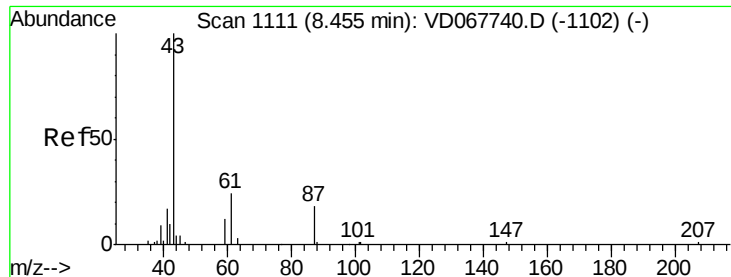
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#42
1,2-Dichloroethane
Concen: 45.804 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 48.030 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

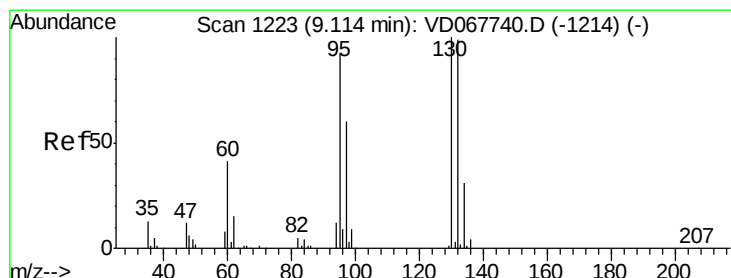
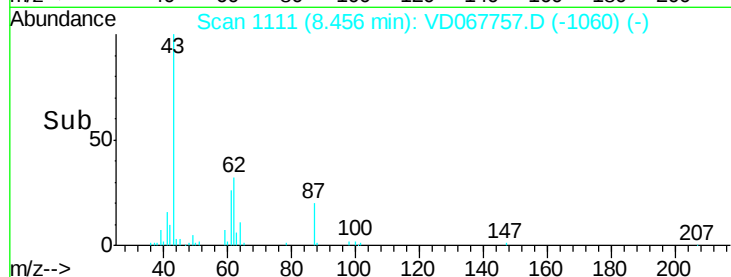
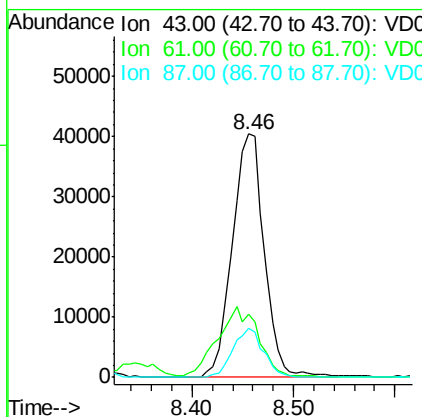
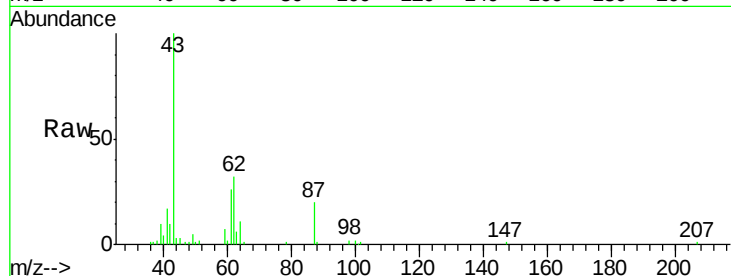
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	88911
Ion	Ratio	Lower	Upper
43	100		
61	37.1	30.2	45.4
87	19.1	14.2	21.4

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#44

Trichloroethene

Concen: 46.128 ug/l

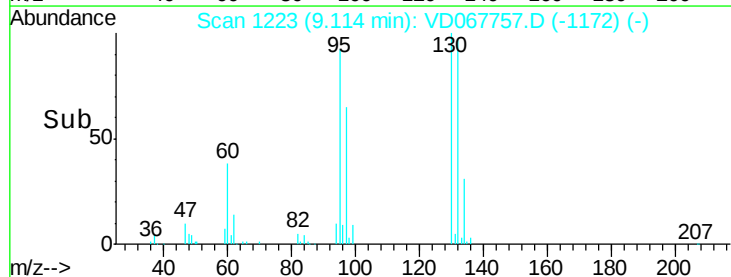
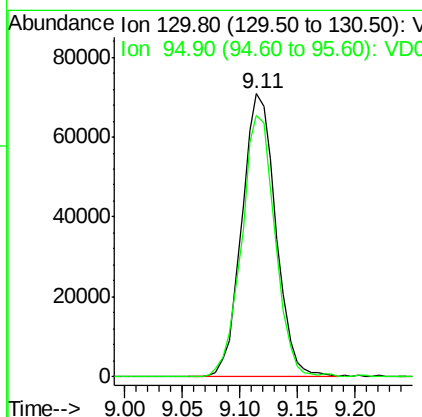
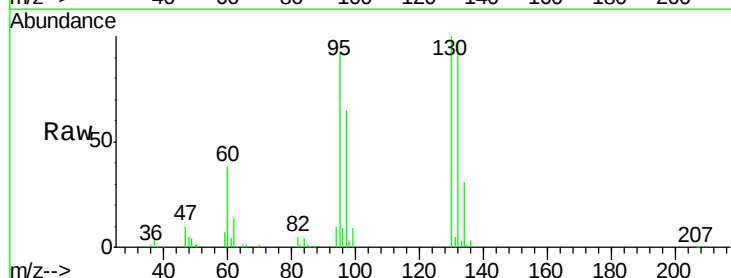
RT: 9.11 min Scan# 1223

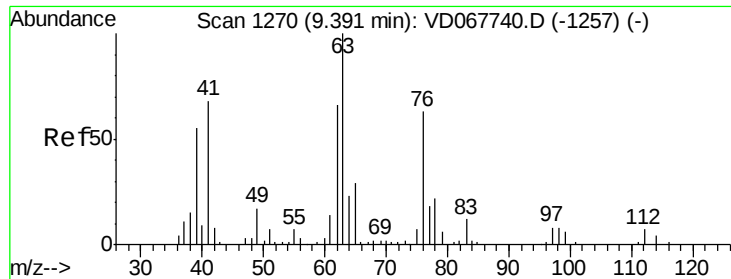
Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Tgt Ion:	130	Resp:	144746
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	184.2





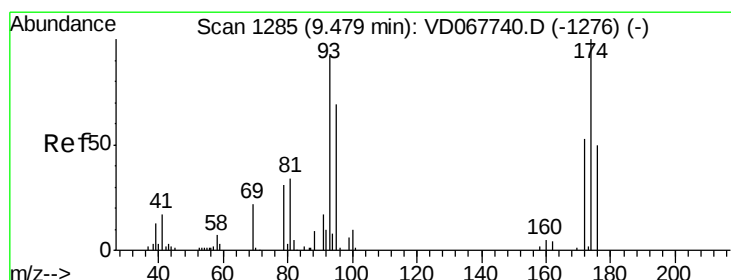
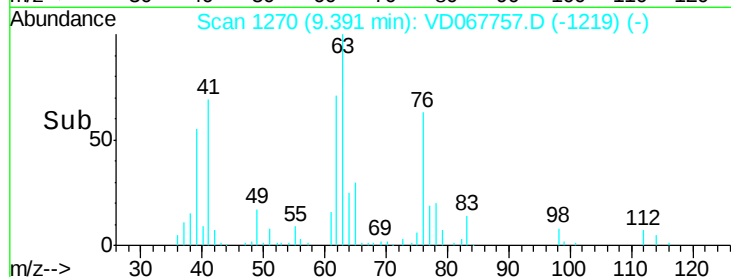
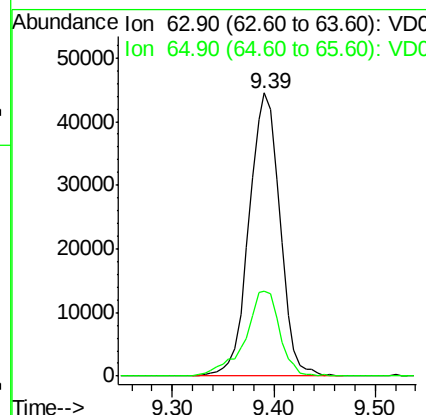
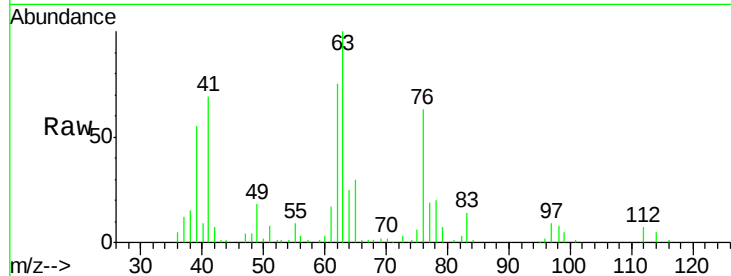
#45
 1,2-Dichloropropane
 Concen: 48.476 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 94174
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.1 34.7

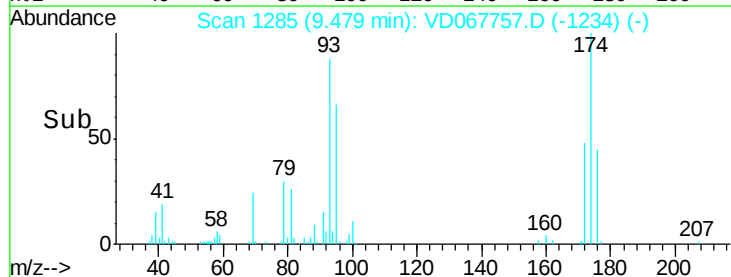
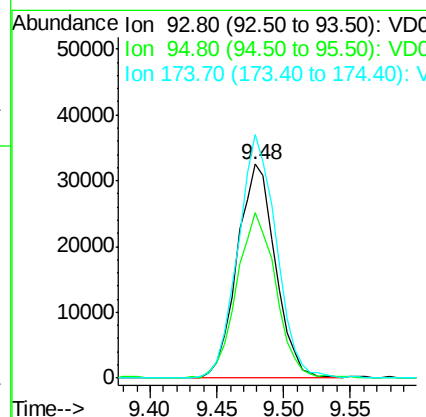
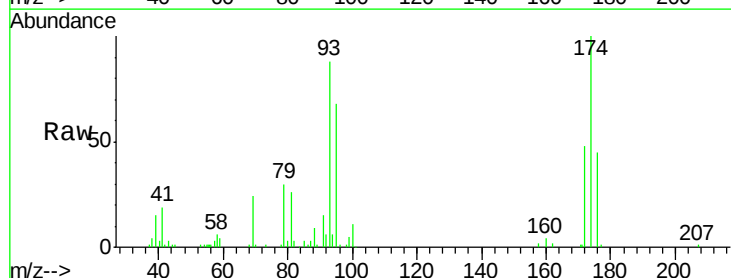
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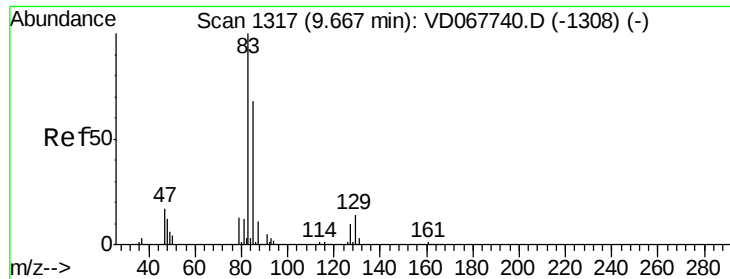
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#46
 Dibromomethane
 Concen: 48.851 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Tgt Ion: 93 Resp: 64612
 Ion Ratio Lower Upper
 93 100
 95 79.3 63.4 95.2
 174 113.8 89.6 134.4





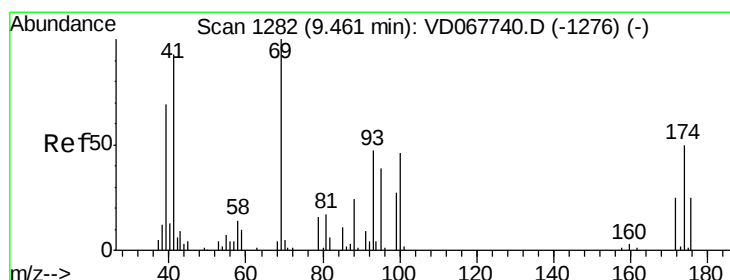
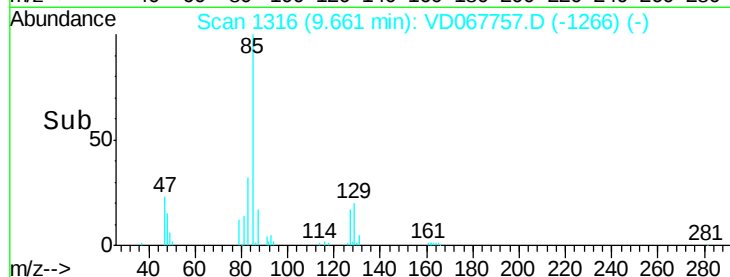
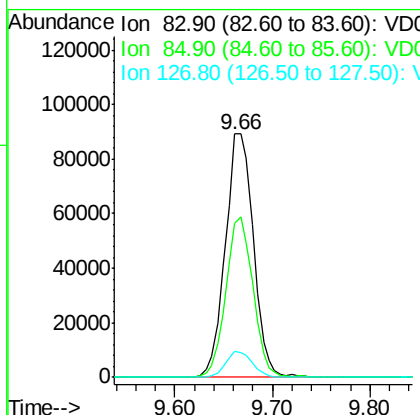
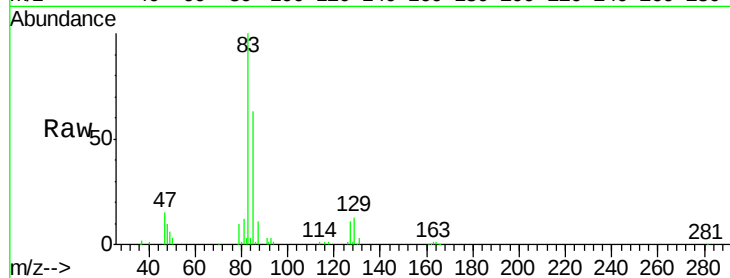
#47
Bromodichloromethane
Concen: 48.531 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.0	54.2	81.2
127	10.5	7.6	11.4

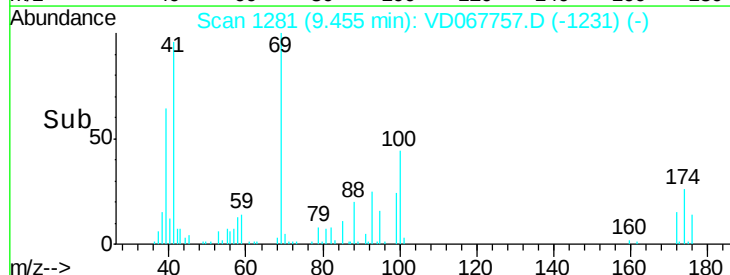
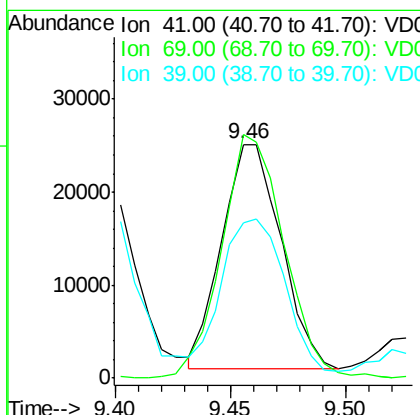
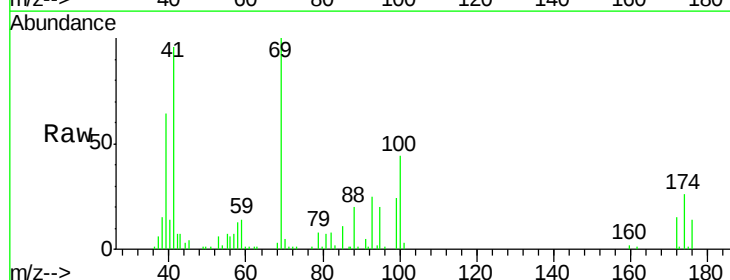
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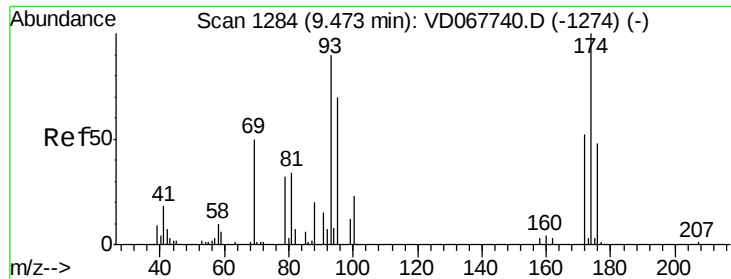
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#48
Methyl methacrylate
Concen: 46.650 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Lower	Upper
41	100		
69	114.6	87.8	131.6
39	71.1	60.5	90.7





#49

1,4-Dioxane

Concen: 899.007 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 12886

Ion Ratio Lower Upper

88 100

43 32.0 25.2 37.8

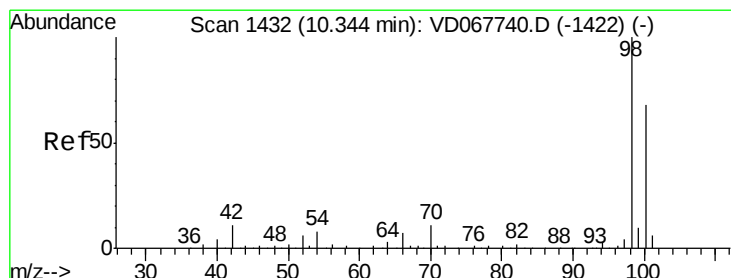
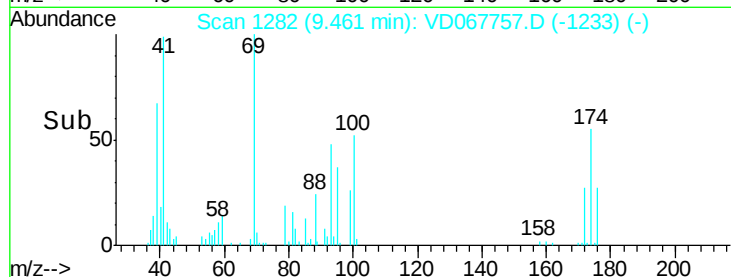
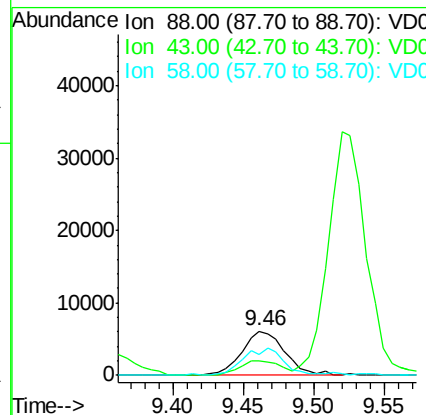
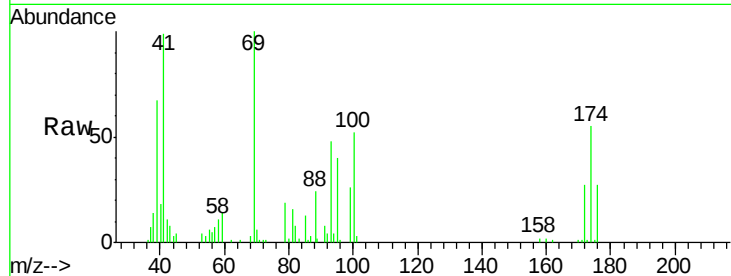
58 59.4 48.2 72.2

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#50

Toluene-d8

Concen: 53.160 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067757.D

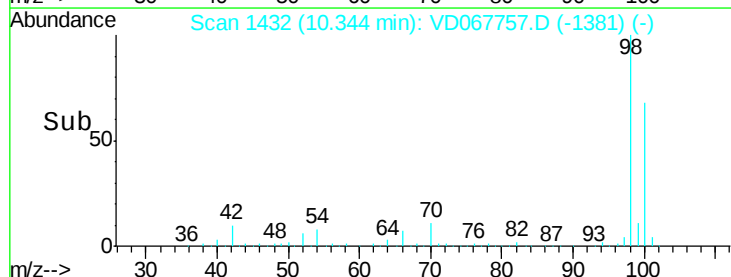
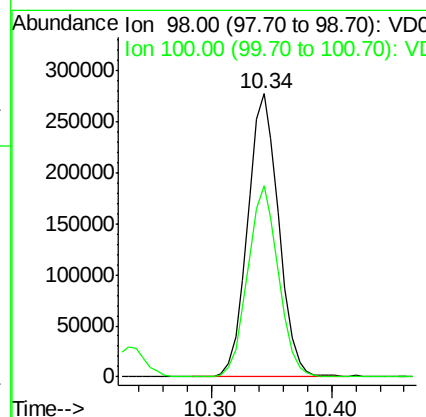
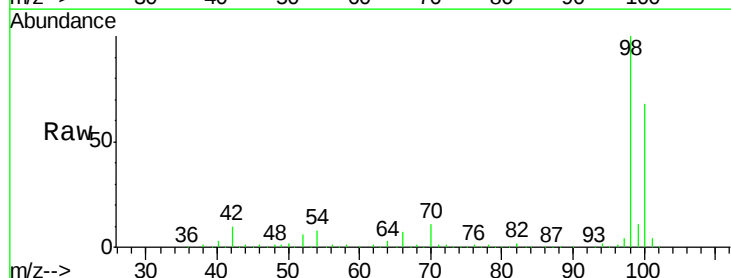
Acq: 23 Nov 2020 20:27

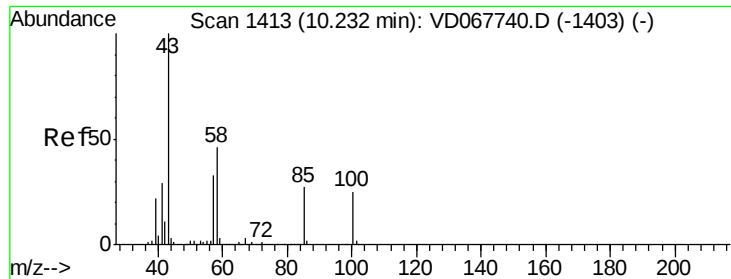
Tgt Ion: 98 Resp: 496893

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 248.234 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 216228

Ion Ratio Lower Upper

43 100

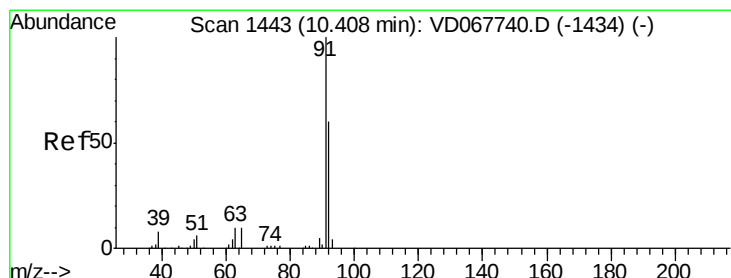
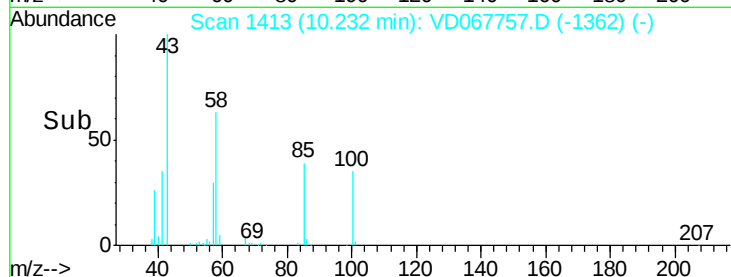
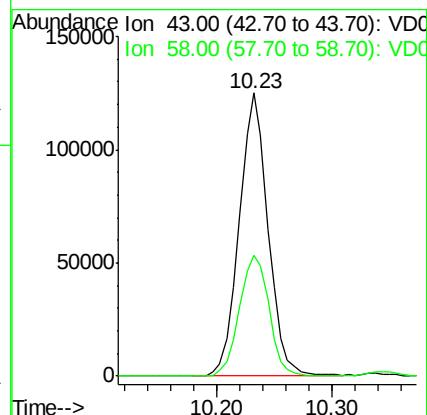
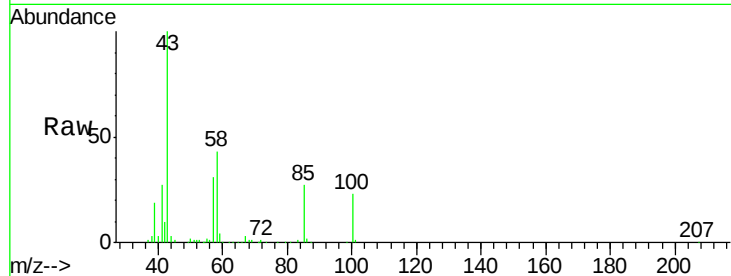
58 43.7 34.7 52.1

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#52

Toluene

Concen: 47.570 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067757.D

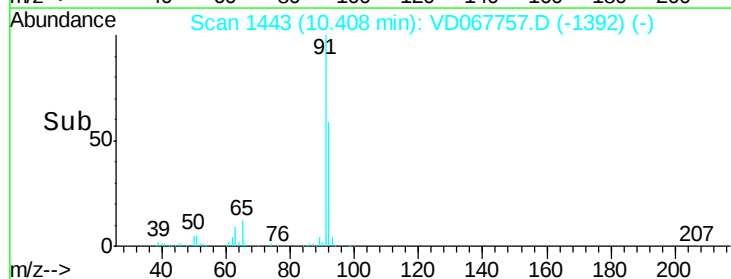
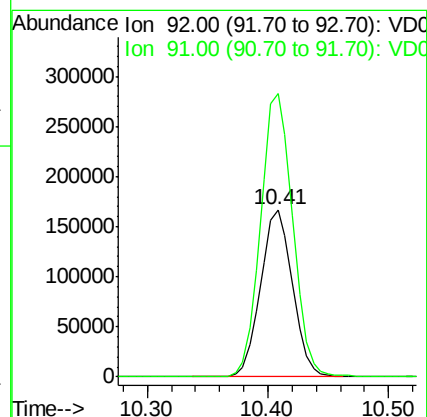
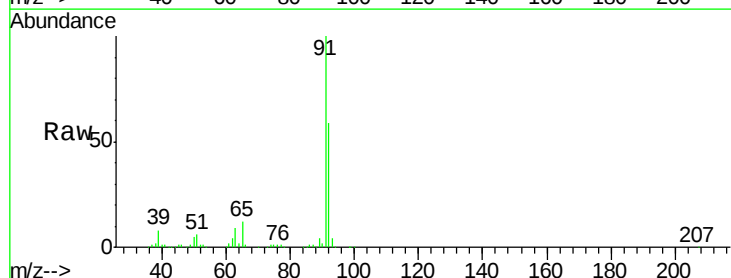
Acq: 23 Nov 2020 20:27

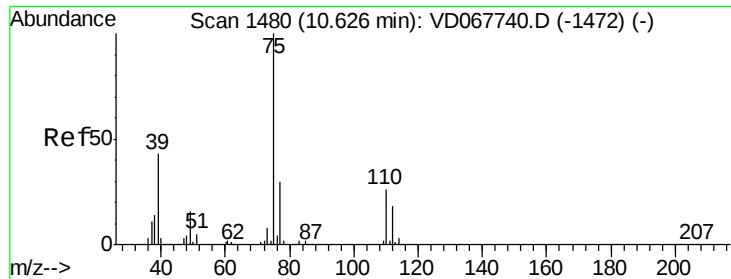
Tgt Ion: 92 Resp: 305536

Ion Ratio Lower Upper

92 100

91 171.1 135.4 203.0





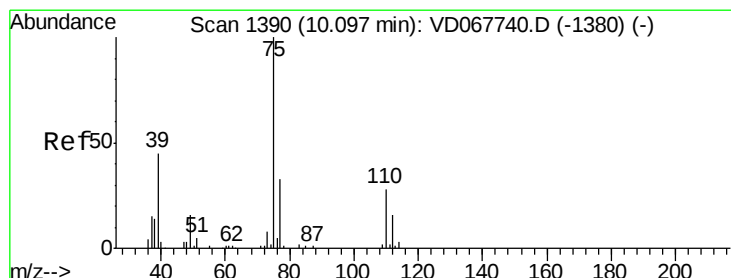
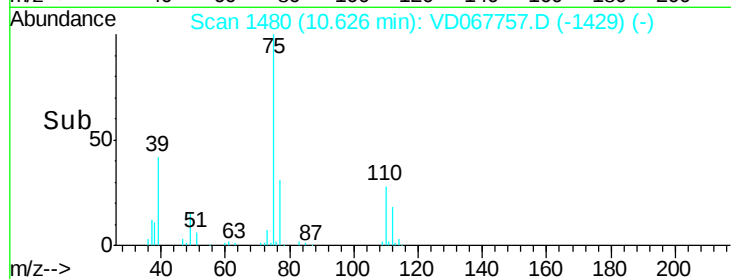
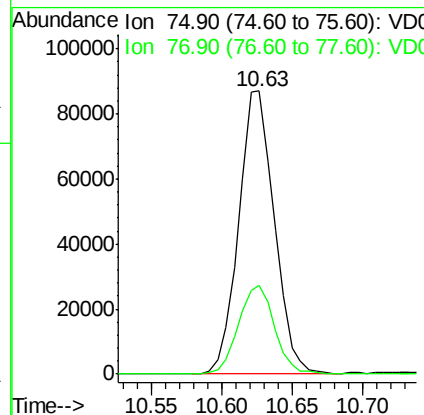
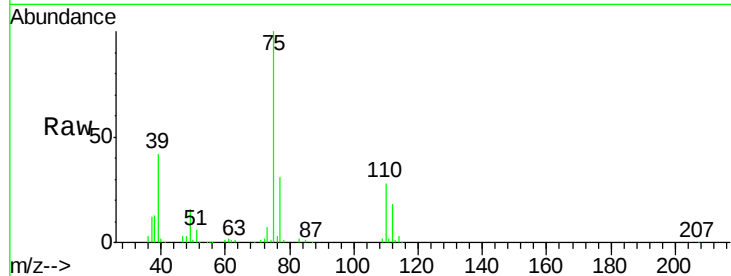
#53
t-1,3-Dichloropropene
Concen: 47.775 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 153729
Ion Ratio Lower Upper
75 100
77 31.2 24.2 36.4

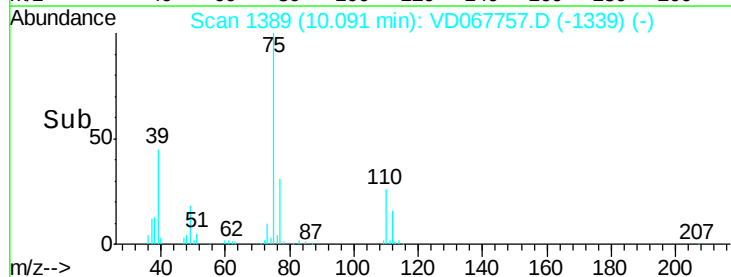
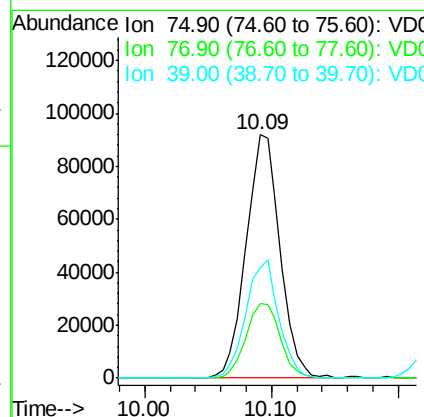
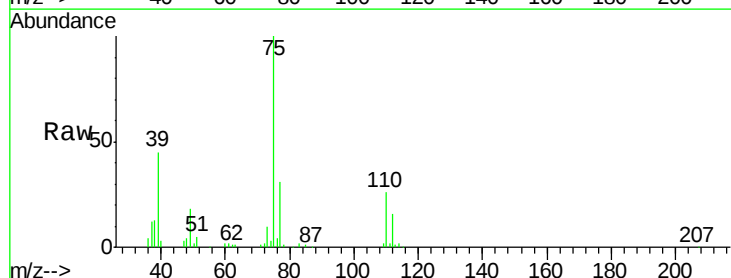
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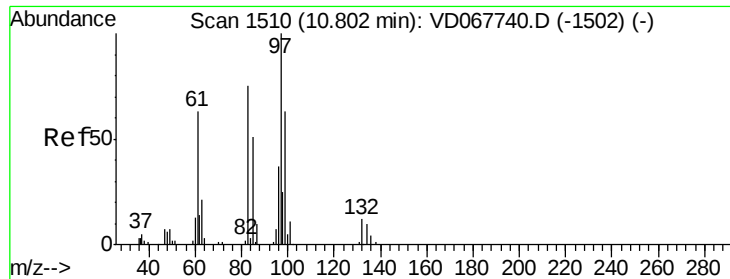
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#54
cis-1,3-Dichloropropene
Concen: 46.894 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion: 75 Resp: 170765
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 44.9 35.8 53.6





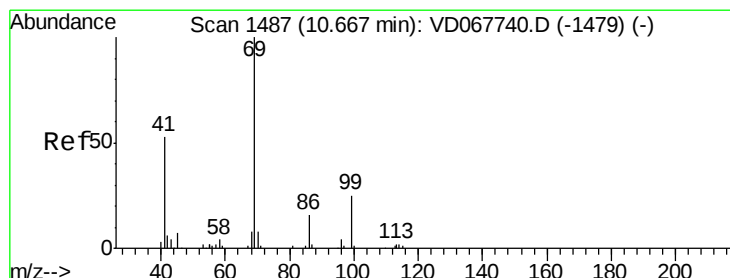
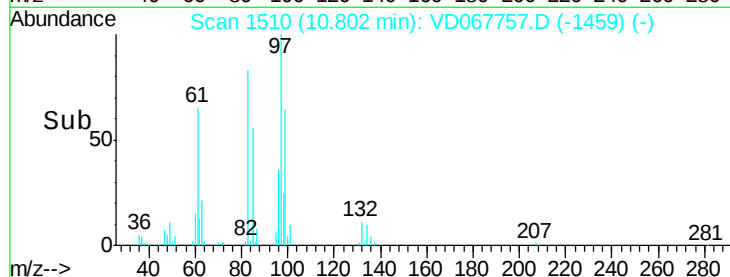
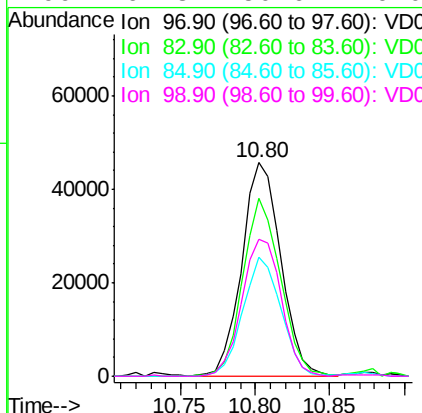
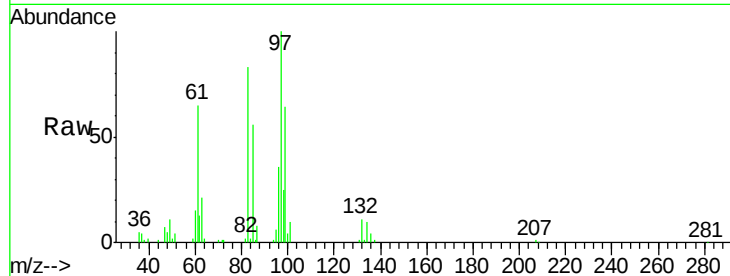
#55
 1,1,2-Trichloroethane
 Concen: 46.648 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		82784		
83	83.5	60.2	90.4		
85	55.6	40.5	60.7		
99	64.3	50.6	76.0		

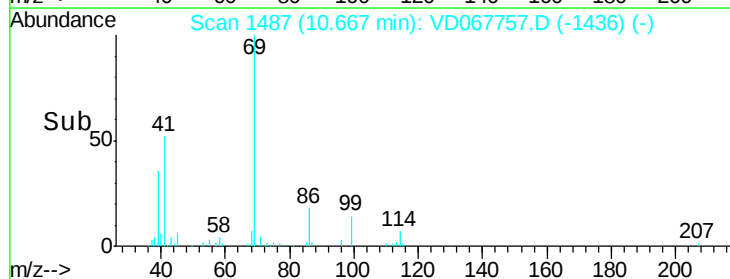
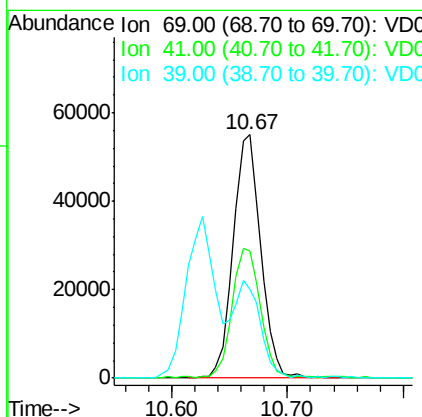
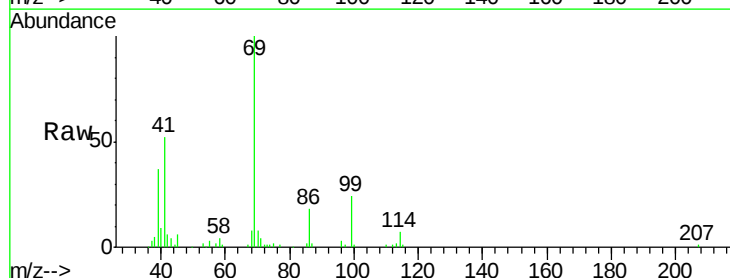
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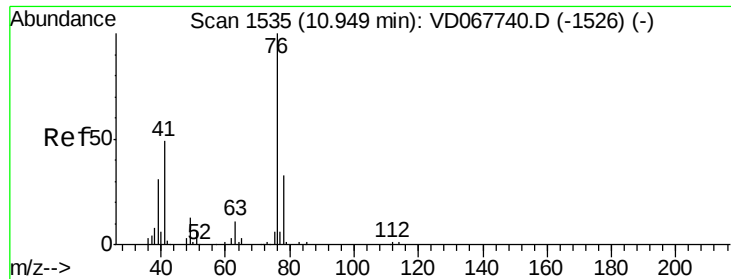
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#56
 Ethyl methacrylate
 Concen: 49.758 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		91421		
41	55.0	43.4	65.0		
39	36.0	29.6	44.4		





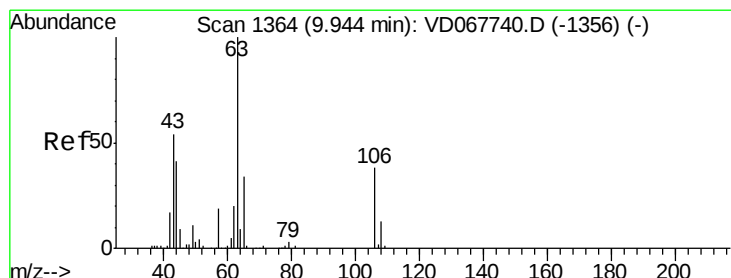
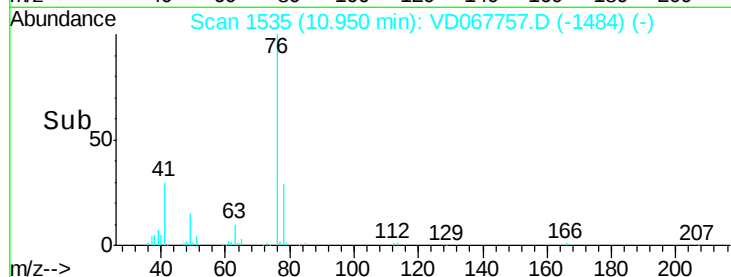
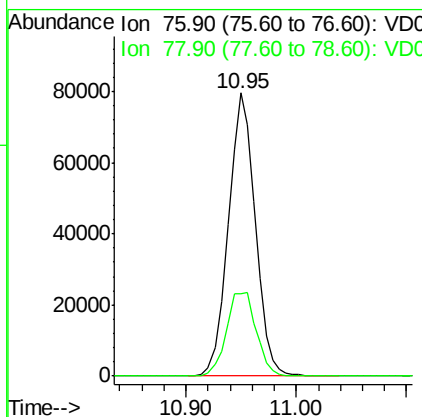
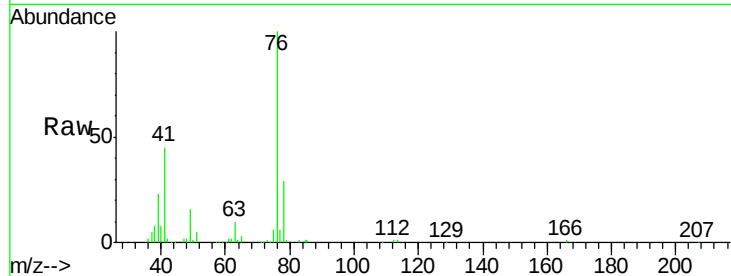
#57
 1,3-Dichloropropane
 Concen: 48.520 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.7	38.5

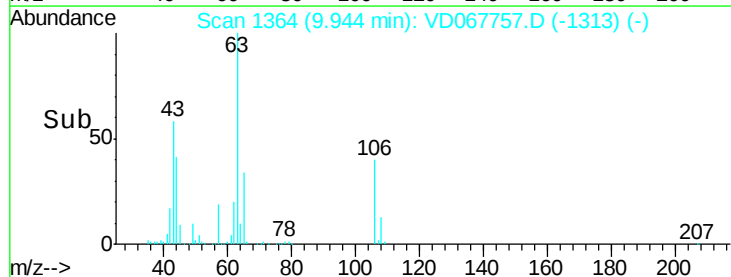
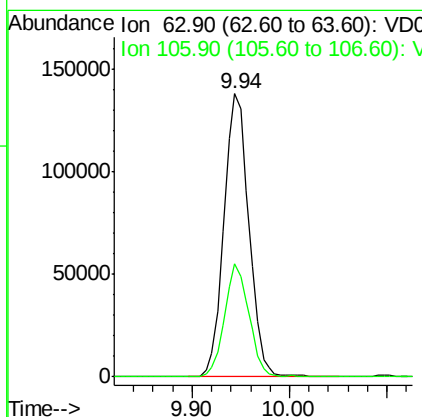
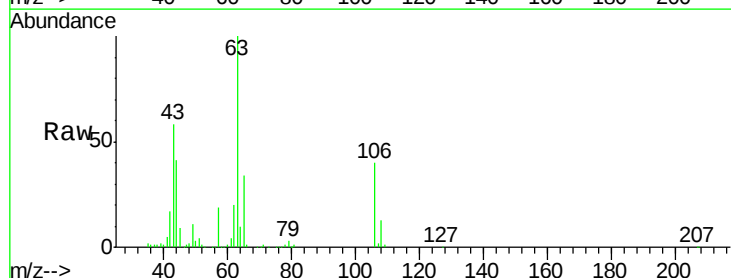
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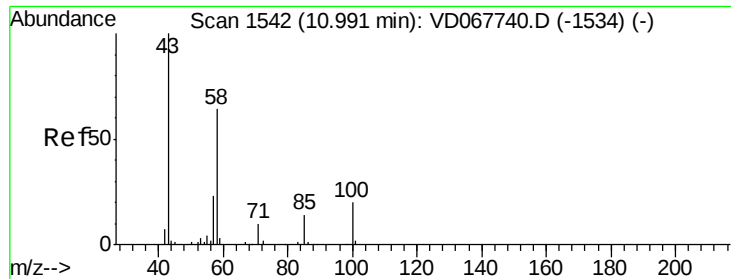
MMDadoda
 11/24/2020 2:56:43 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 285.830 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	39.0	31.0	46.6





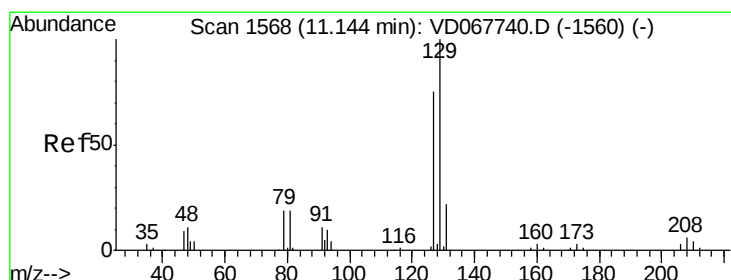
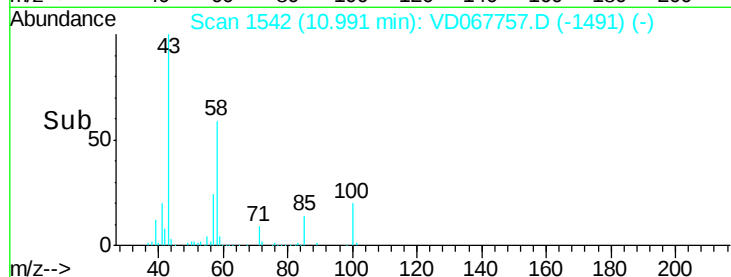
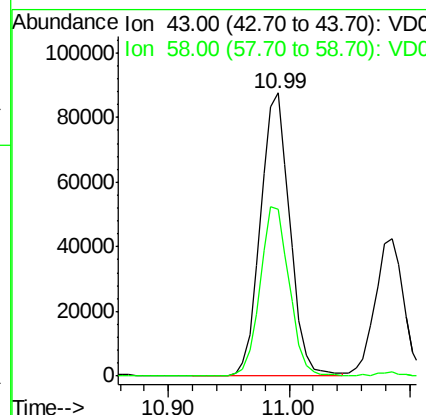
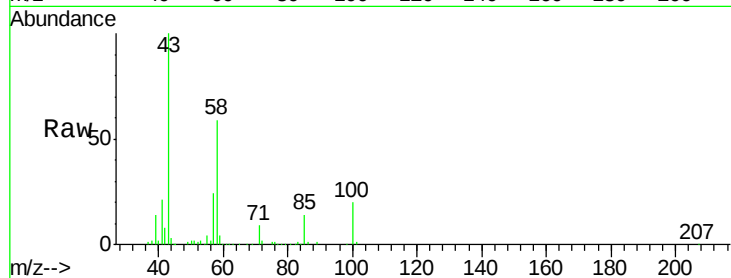
#59
2-Hexanone
Concen: 242.240 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	148977
Ion Ratio	100	Lower	Upper
43	100		
58	59.4	30.5	91.5

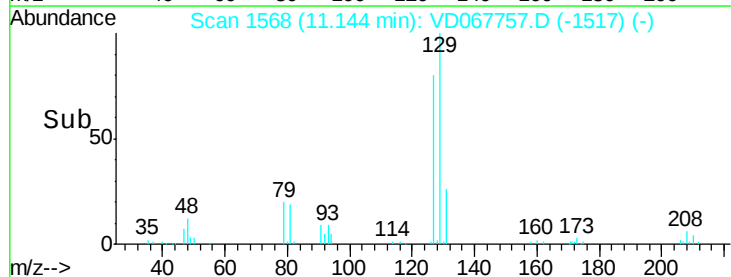
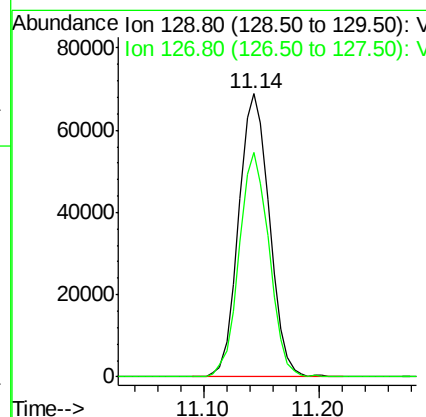
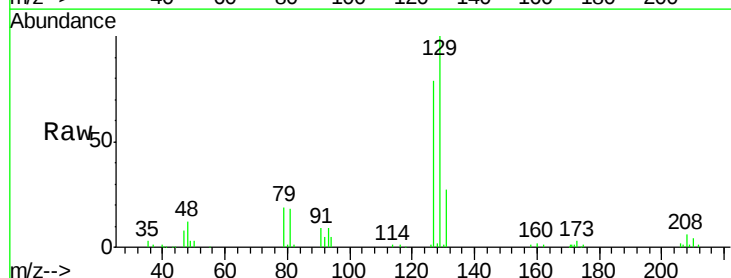
Manual Integrations
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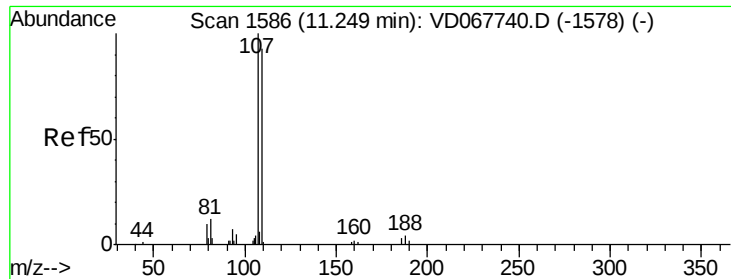
MMDadoda
11/24/2020 2:56:43 PM



#60
Dibromochloromethane
Concen: 46.871 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	129	Resp	126753
Ion Ratio	100	Lower	Upper
129	100		
127	77.4	38.6	115.7





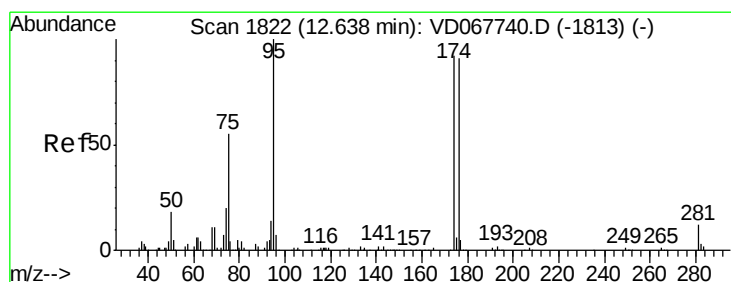
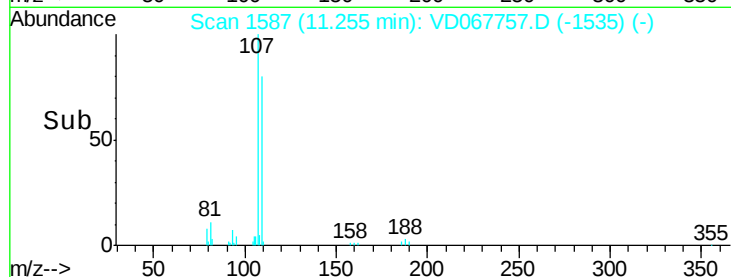
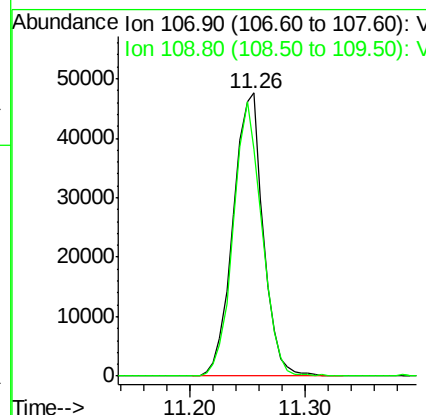
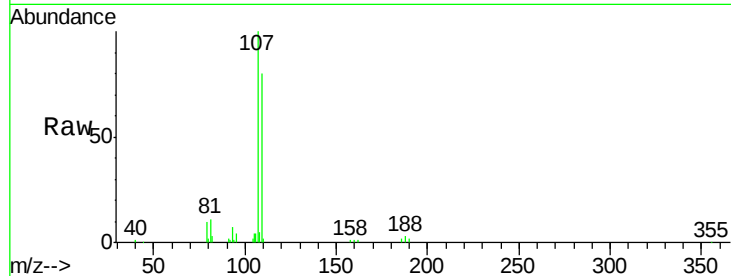
#61
 1,2-Dibromoethane
 Concen: 48.992 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 85667
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.1 112.7

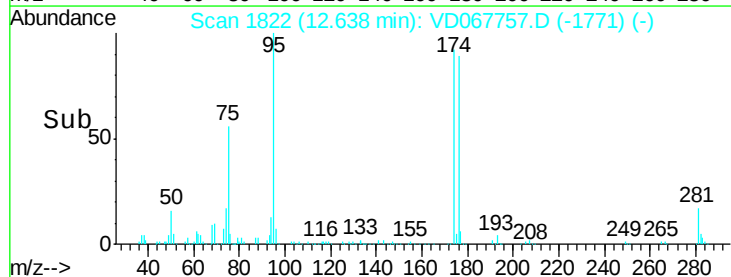
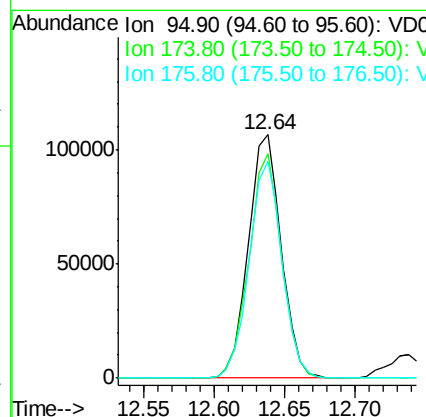
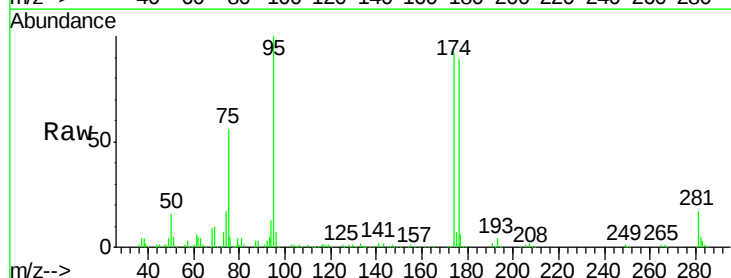
Manual Integrations
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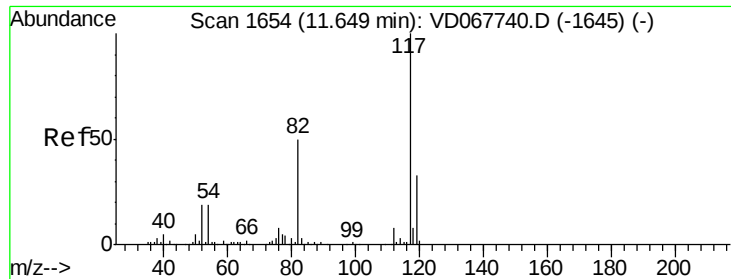
MMDadoda
 11/24/2020 2:56:43 PM



#62
 4-Bromofluorobenzene
 Concen: 54.640 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Tgt Ion: 95 Resp: 174570
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 182.4
 176 88.6 0.0 178.2





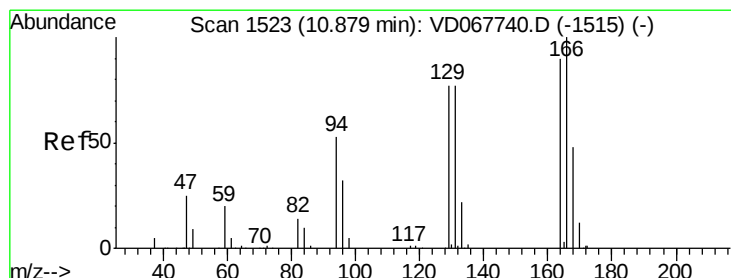
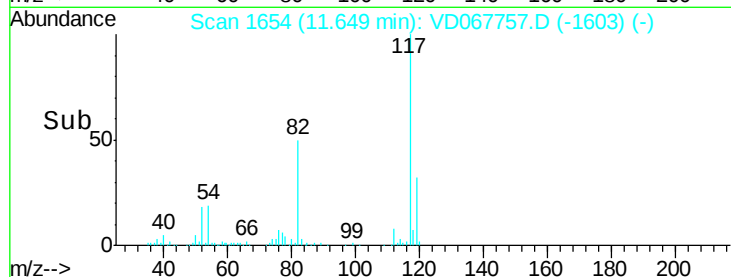
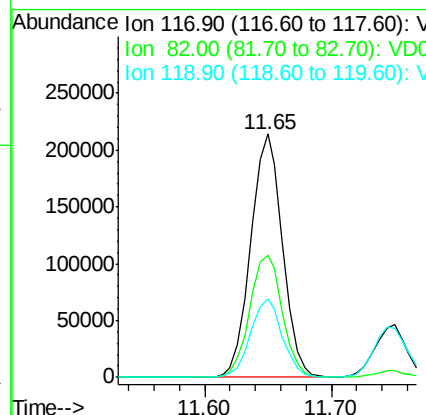
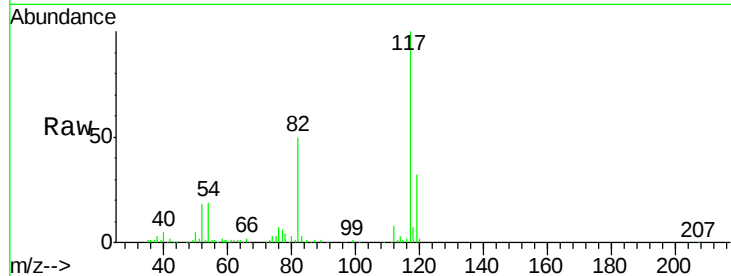
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	373012		
82	50.2		40.2	60.4
119	32.4		26.5	39.7

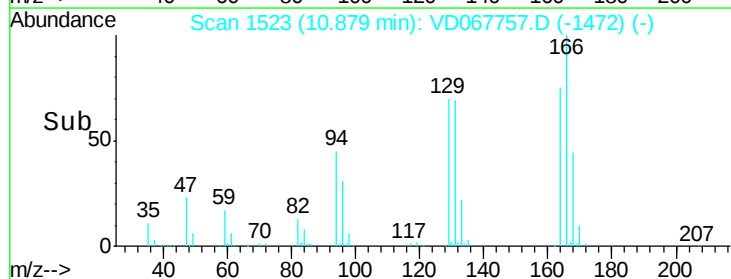
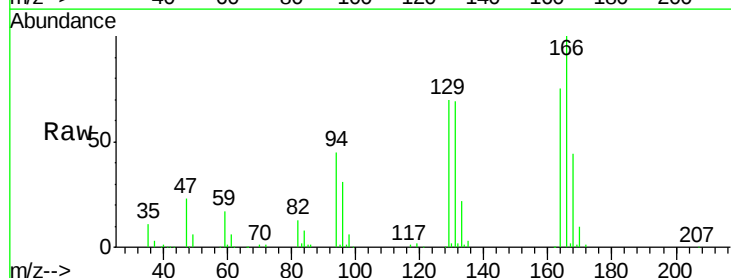
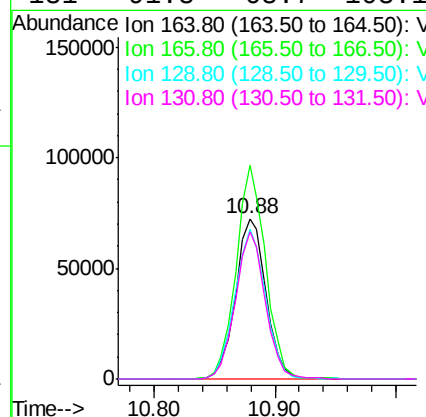
Manual Integrations
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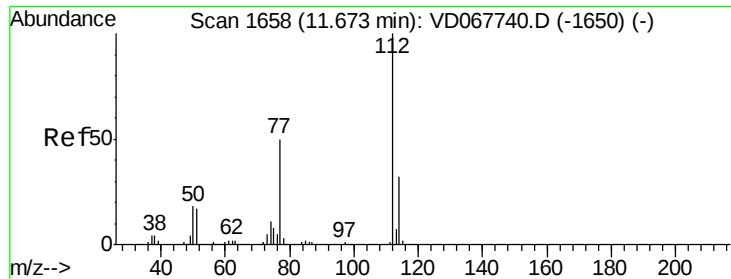
MMDadoda
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#64
Tetrachloroethene
Concen: 43.734 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	126614		
166	133.2		89.2	133.8
129	93.1		68.4	102.6
131	91.8		68.7	103.1





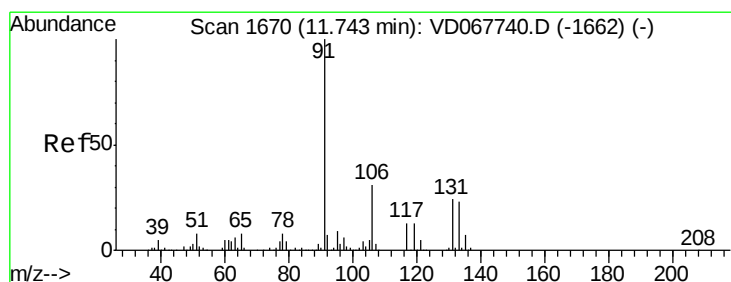
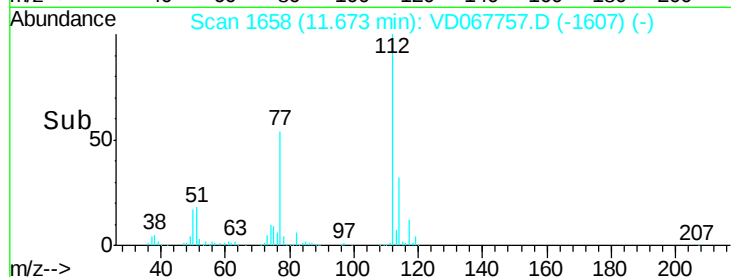
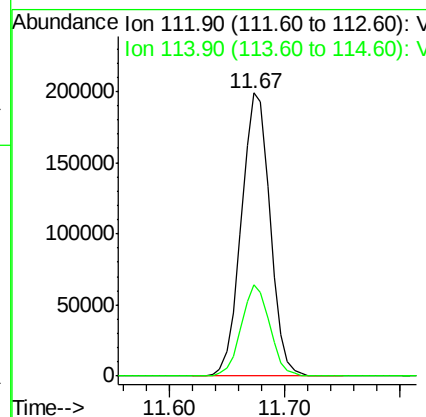
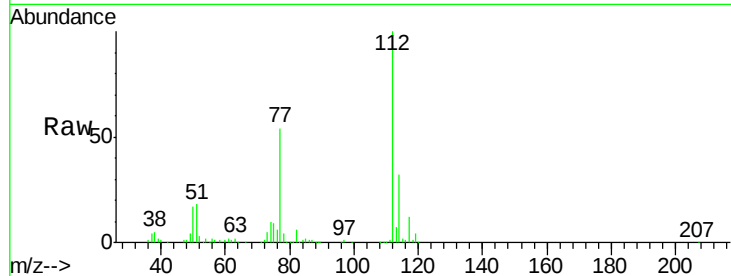
#65
Chlorobenzene
Concen: 46.763 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 342835
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8

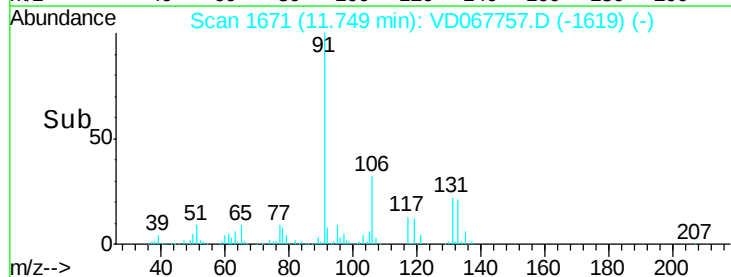
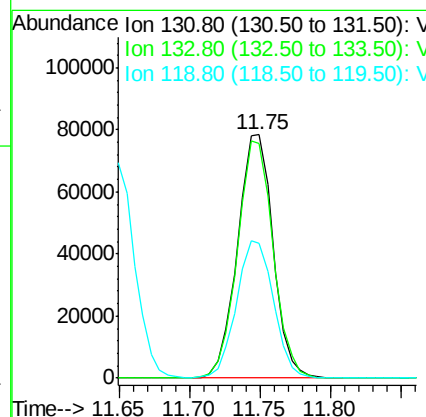
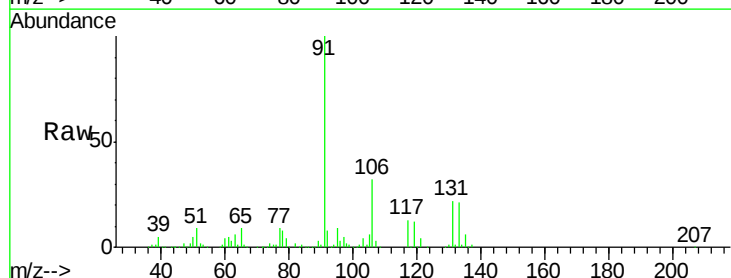
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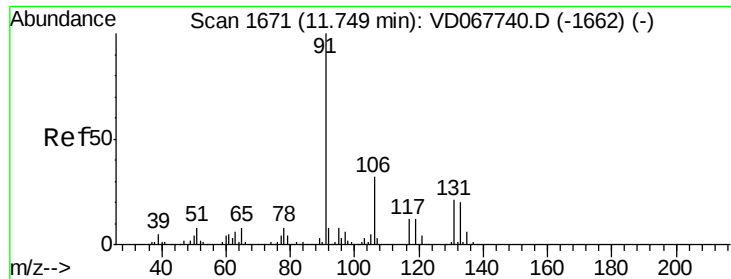
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.711 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion:131 Resp: 138524
Ion Ratio Lower Upper
131 100
133 97.6 49.0 147.0
119 58.6 28.8 86.5





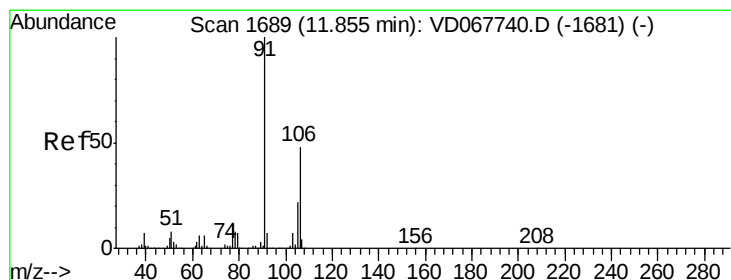
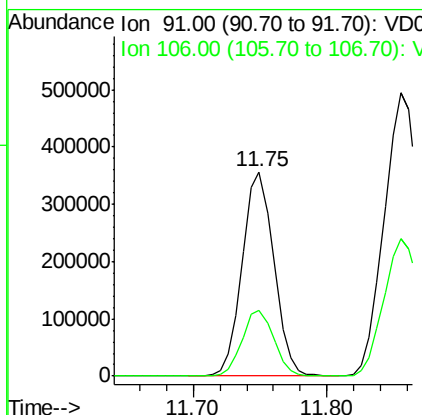
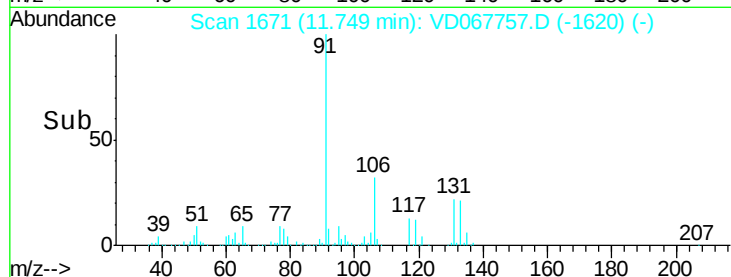
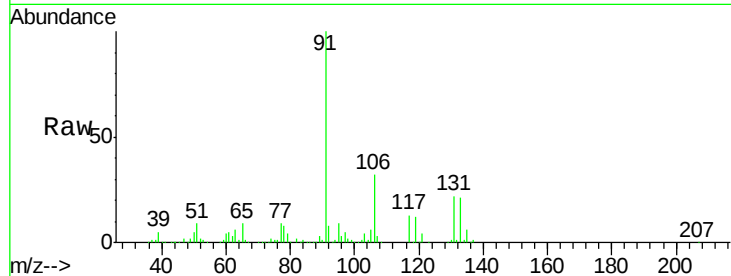
#67
Ethyl Benzene
Concen: 46.199 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 584716
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5

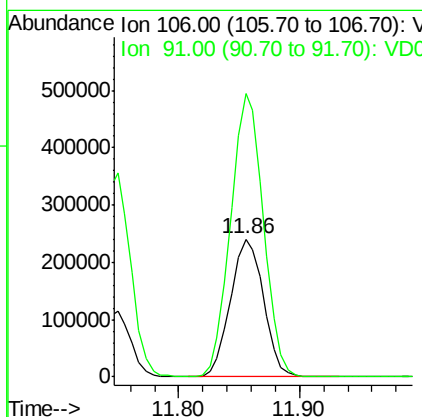
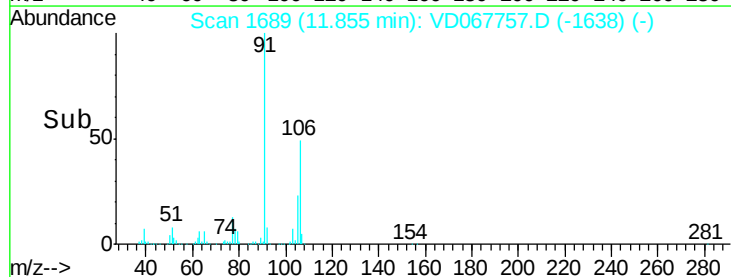
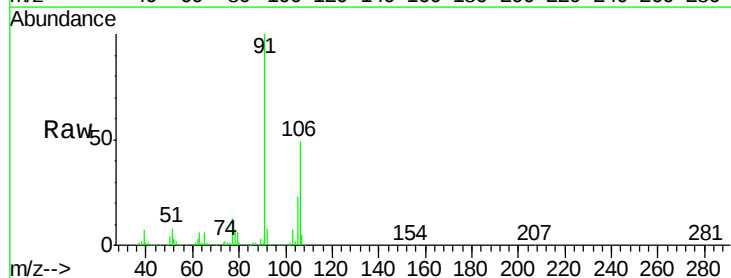
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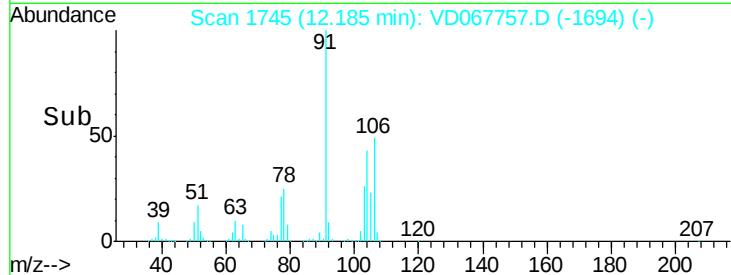
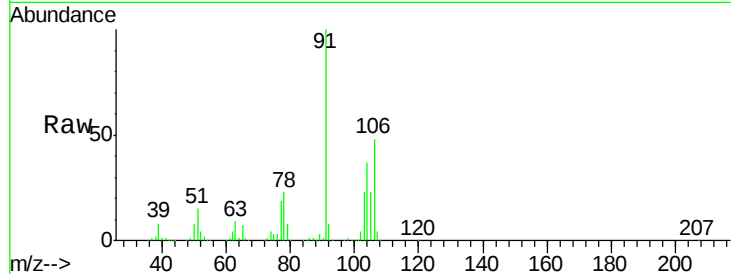
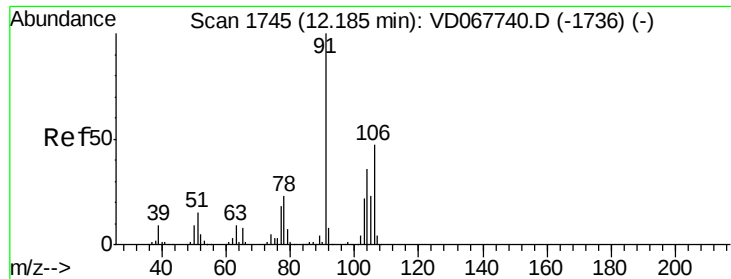
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#68
m/p-Xylenes
Concen: 93.391 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion: 106 Resp: 459971
Ion Ratio Lower Upper
106 100
91 202.9 163.0 244.6





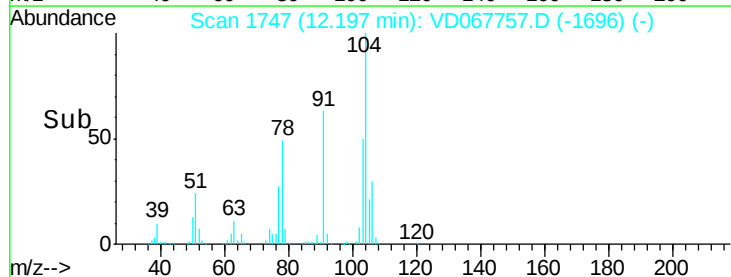
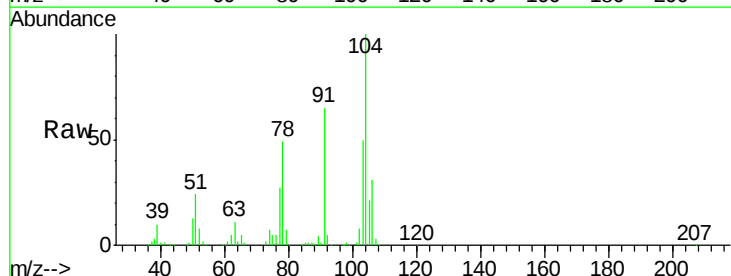
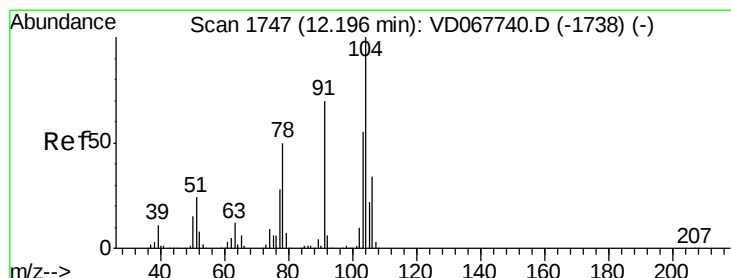
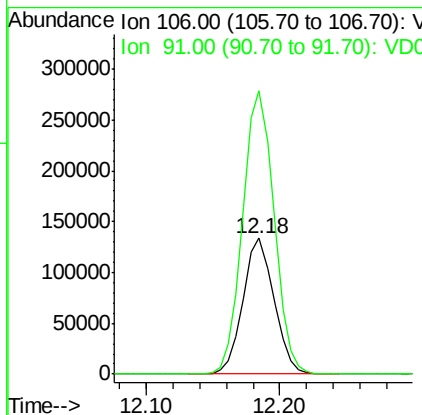
#69
o-Xylene
Concen: 47.995 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tot Ion:106 Resp: 215228
Ion Ratio Lower Upper
106 100
91 210.3 106.2 318.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

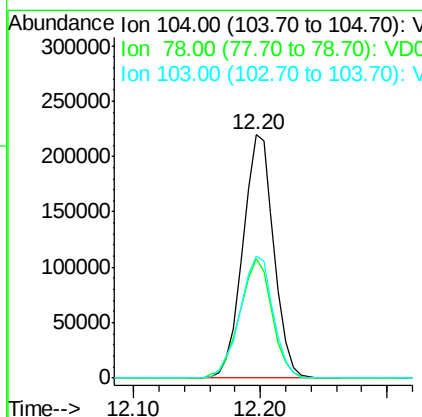
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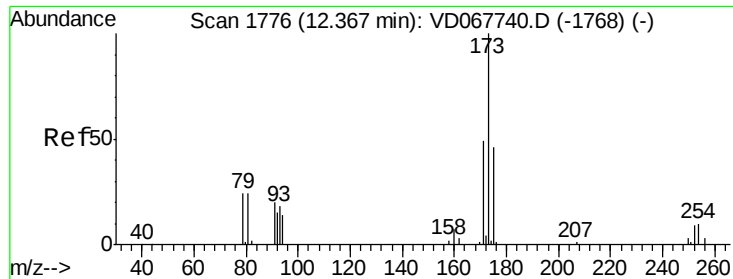
MMDadoda
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#70
Styrene
Concen: 48.666 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion:104 Resp: 371728
Ion Ratio Lower Upper
104 100
78 51.2 41.9 62.9
103 53.8 44.1 66.1





#71

Bromoform

Concen: 47.050 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 75744

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.7

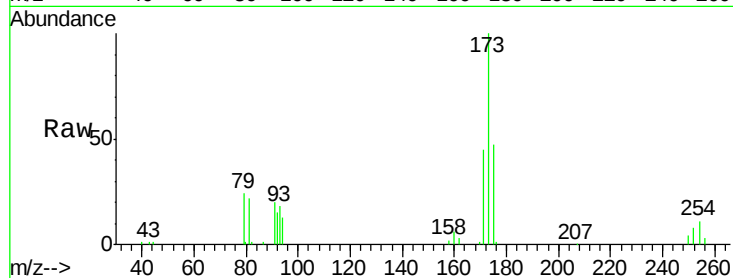
254 0.0 0.0 0.0

Manual Integrations

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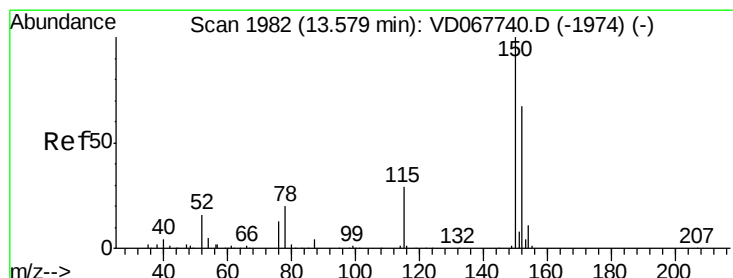
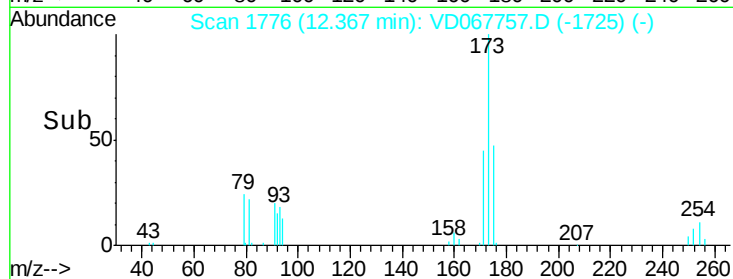
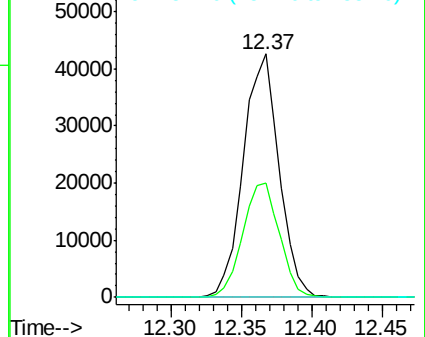
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VD067757.D

Acq: 23 Nov 2020 20:27

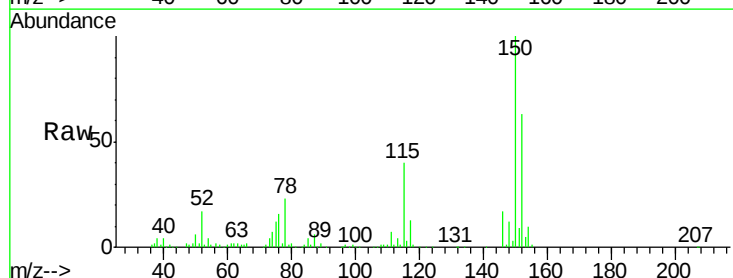
Tgt Ion:152 Resp: 189482

Ion Ratio Lower Upper

152 100

115 60.1 29.4 88.3

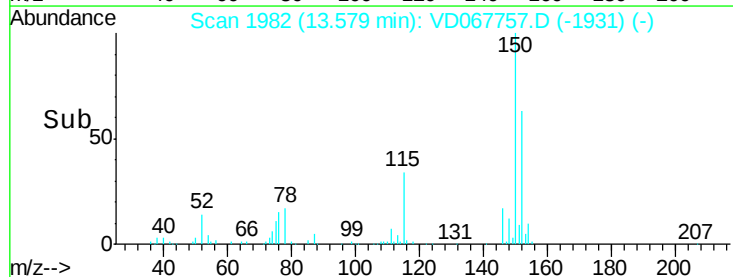
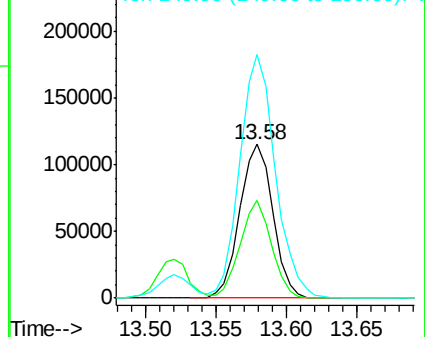
150 169.7 0.0 340.6

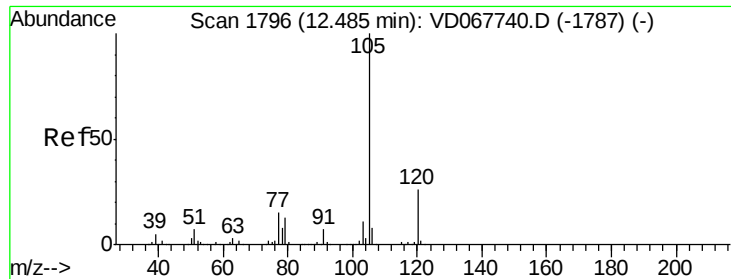


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.515 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 592378

Ion Ratio Lower Upper

105 100

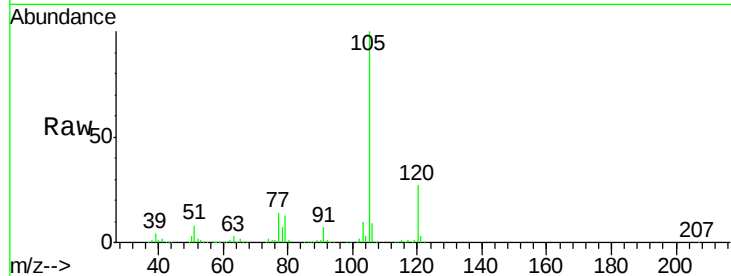
120 26.5 13.2 39.6

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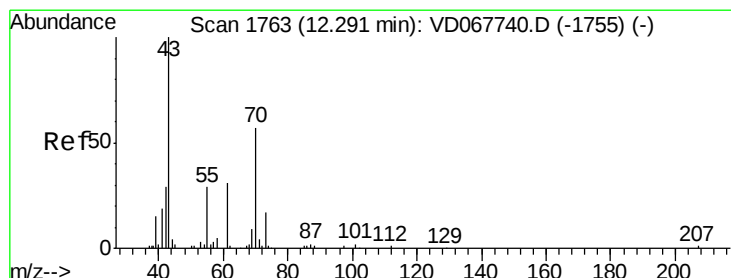
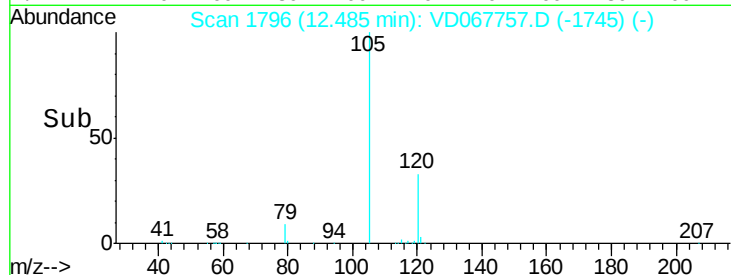
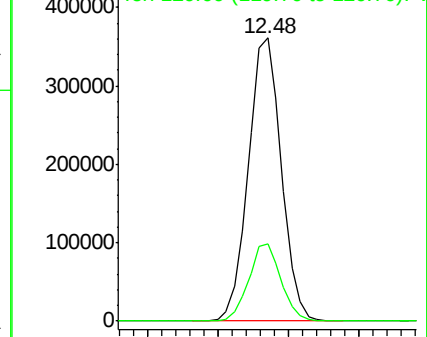
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.359 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Tgt Ion: 43 Resp: 79507

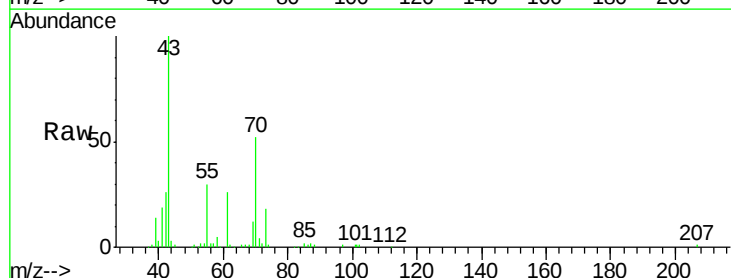
Ion Ratio Lower Upper

43 100

70 54.3 44.6 66.8

55 29.9 24.2 36.2

61 28.6 22.0 33.0

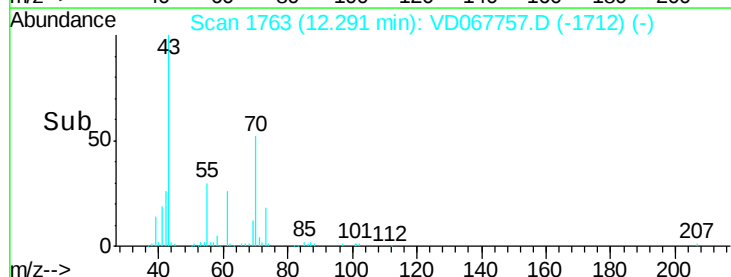
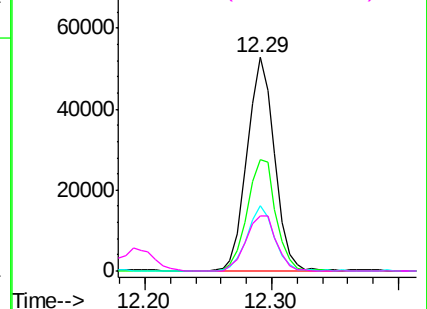


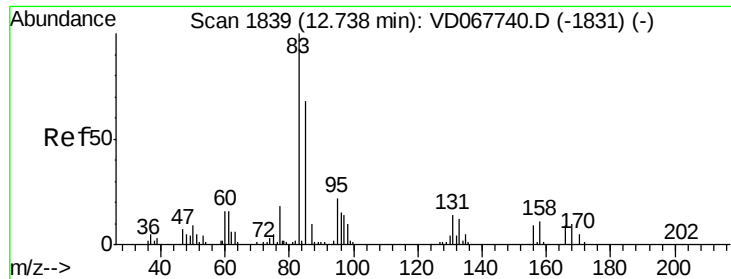
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.097 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

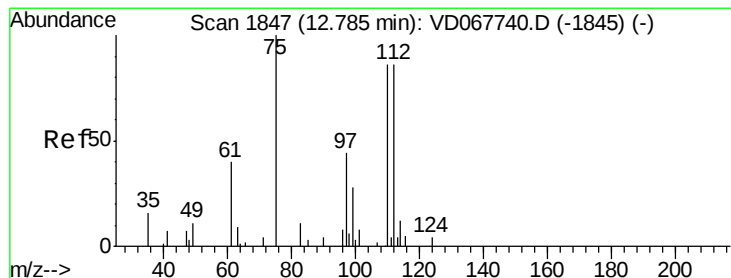
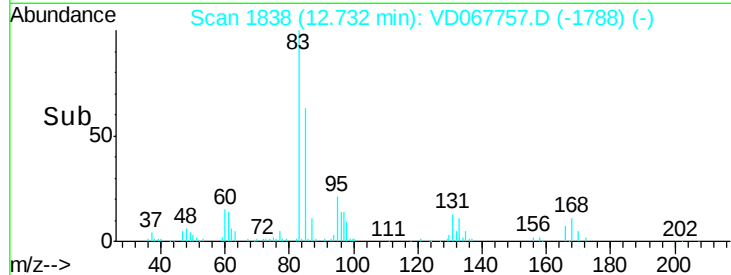
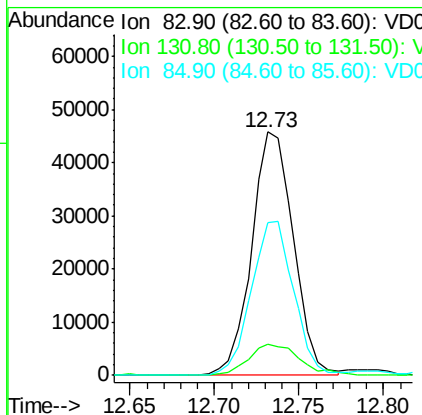
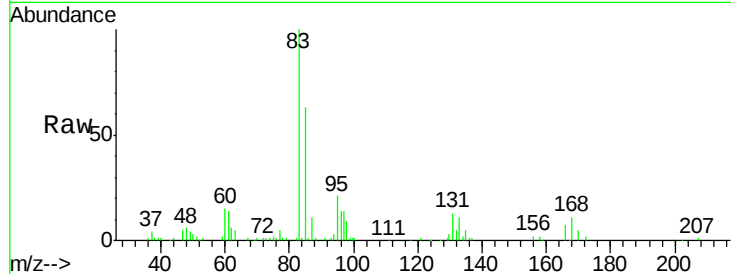
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	78800
Ion Ratio	Lower	Upper	
83	100		
131	15.6	8.1	24.1
85	63.9	33.9	101.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.202 ug/l m

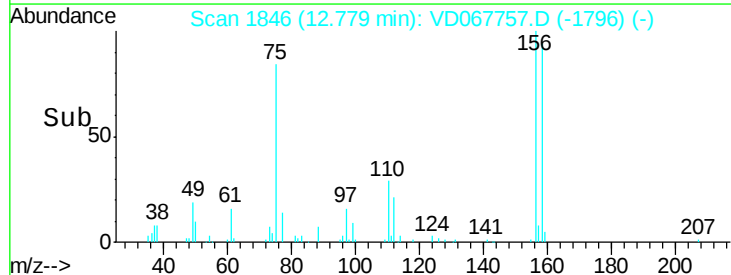
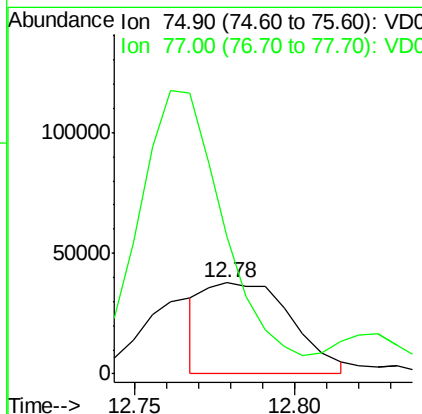
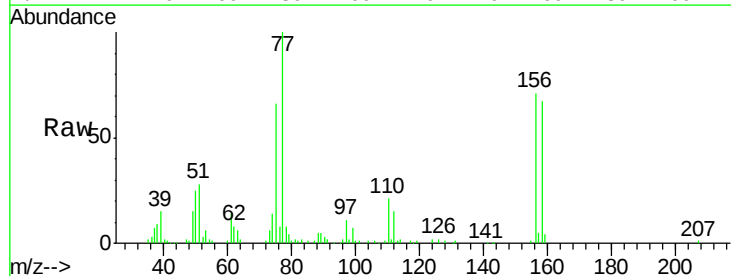
RT: 12.78 min Scan# 1846

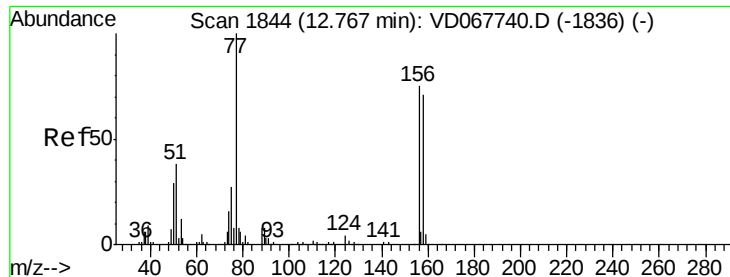
Delta R.T. -0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Tgt Ion:	75	Resp:	71579
Ion Ratio	Lower	Upper	
75	100		
77	310.5	0.0	0.0#





#77

Bromobenzene

Concen: 48.186 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

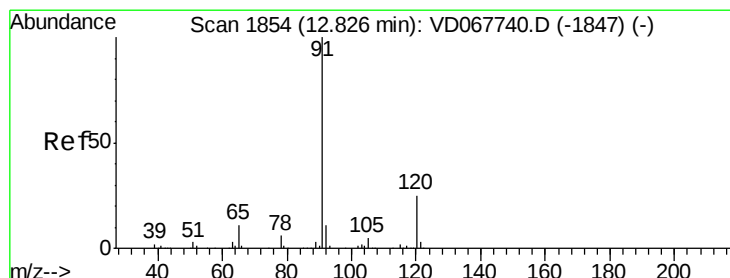
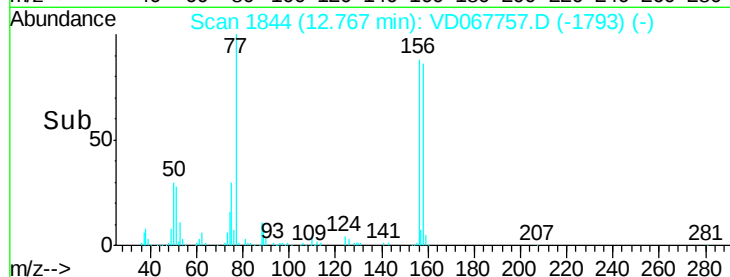
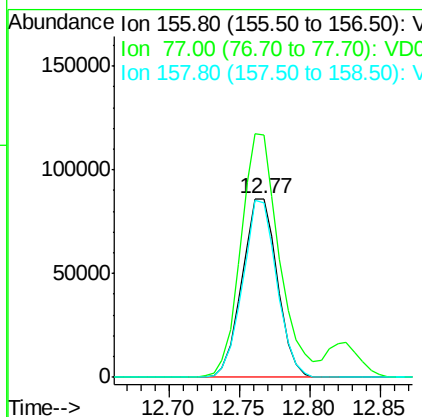
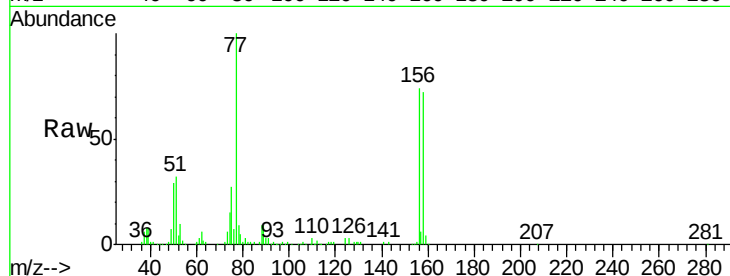
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	150380
Ion Ratio	Lower	Upper	
156	100		
77	147.8	73.5	220.3
158	96.2	48.1	144.4

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#78

n-propylbenzene

Concen: 47.673 ug/l

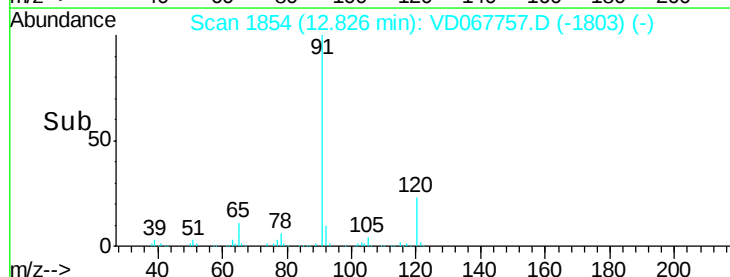
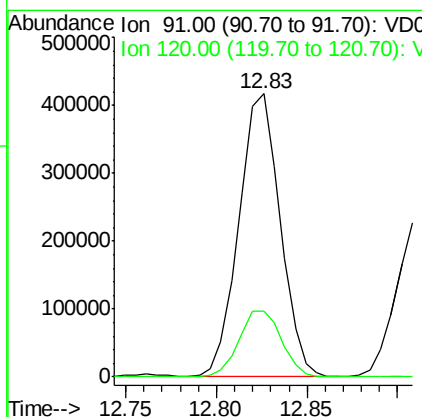
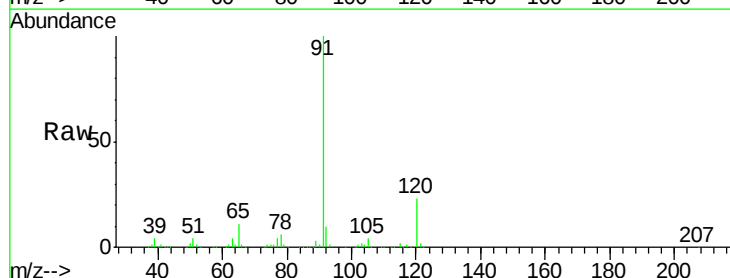
RT: 12.83 min Scan# 1854

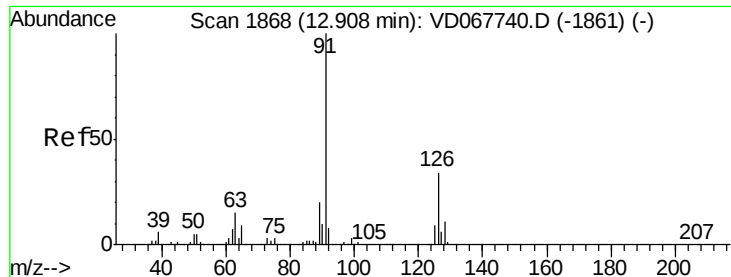
Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Tgt Ion:	91	Resp:	661234
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.4	37.4





#79

2-Chlorotoluene

Concen: 46.377 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 380850

Ion Ratio Lower Upper

91 100

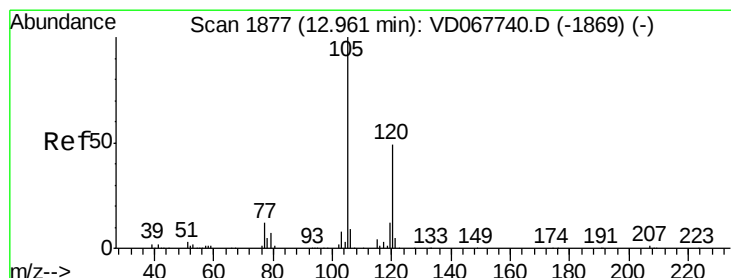
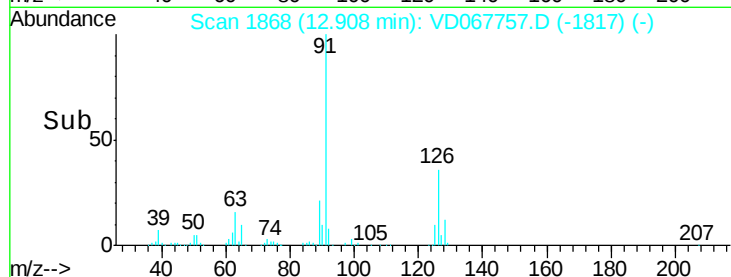
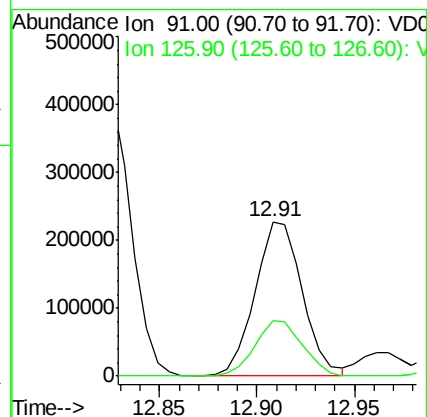
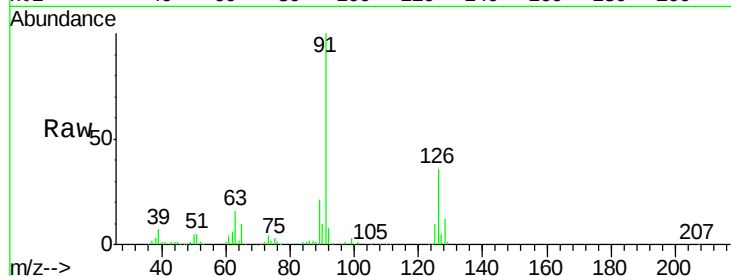
126 36.7 17.9 53.7

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#80

1,3,5-Trimethylbenzene

Concen: 47.354 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067757.D

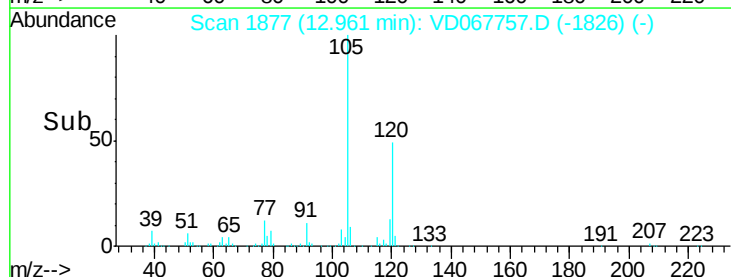
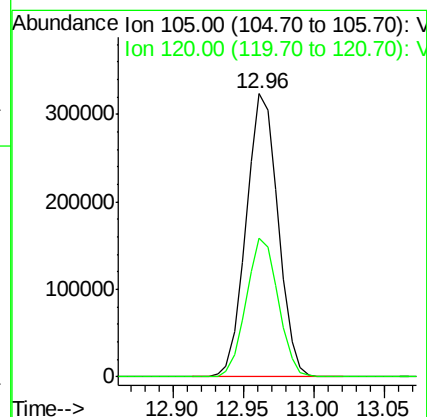
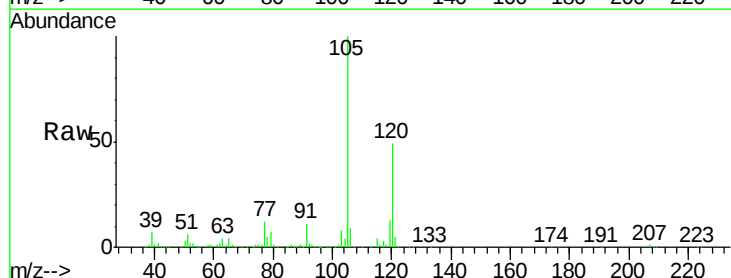
Acq: 23 Nov 2020 20:27

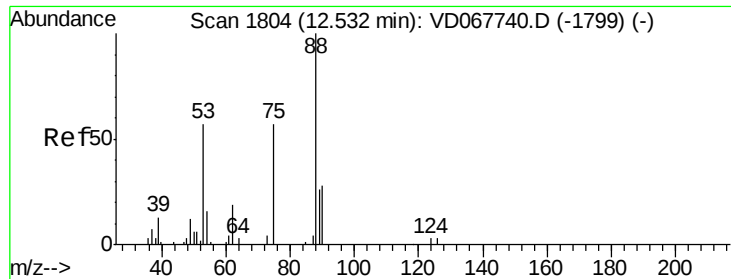
Tgt Ion: 105 Resp: 513481

Ion Ratio Lower Upper

105 100

120 49.2 23.9 71.7





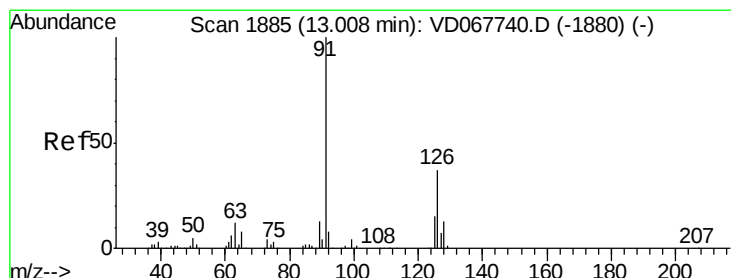
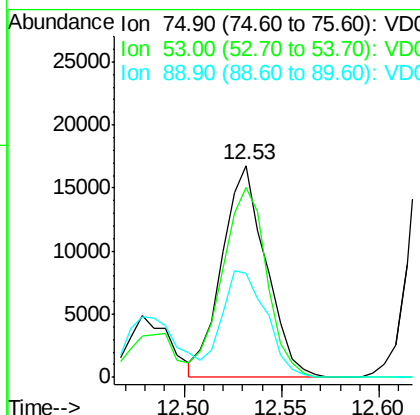
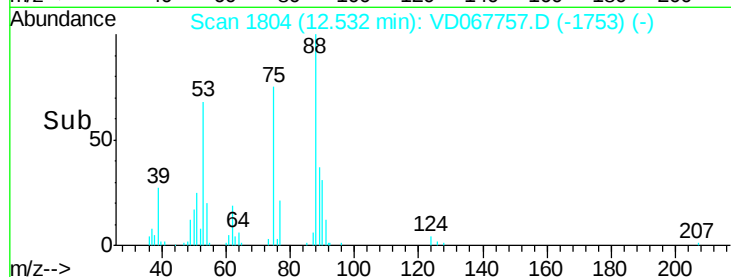
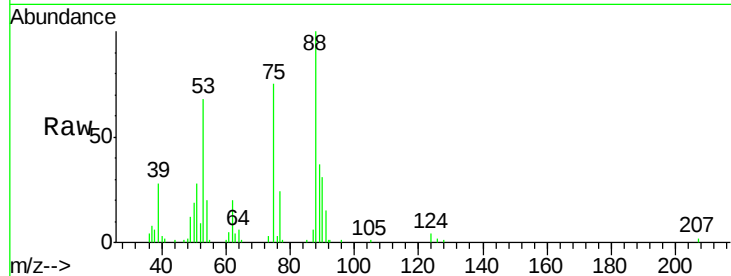
#81
trans-1,4-Dichloro-2-butene
Concen: 46.578 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.2	76.0	114.0
89	50.5	40.2	60.4

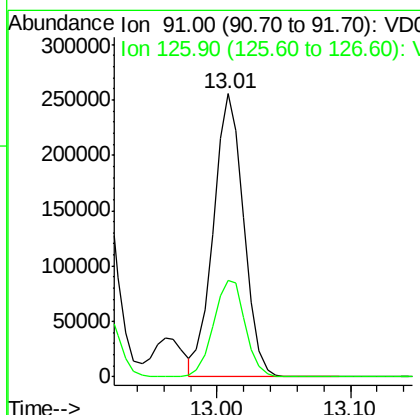
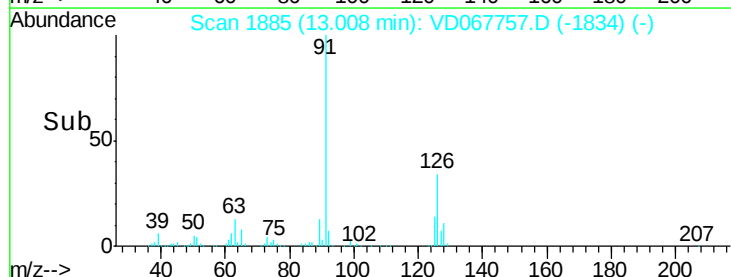
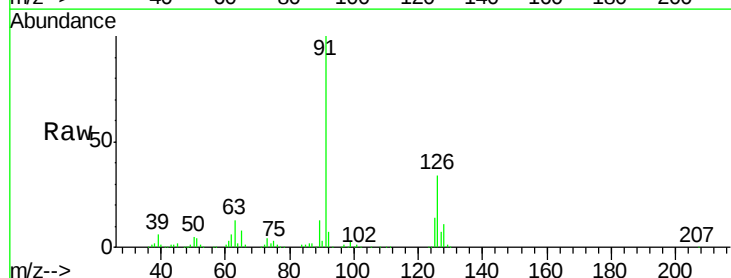
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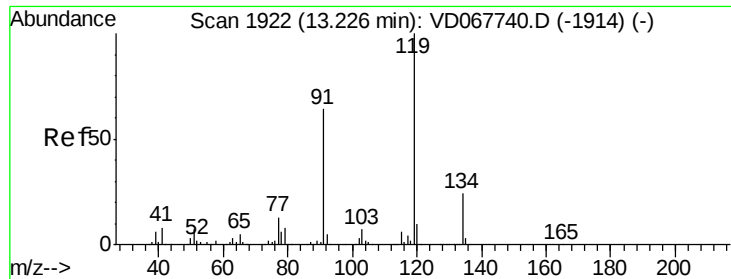
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#82
4-Chlorotoluene
Concen: 46.535 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.7	53.1





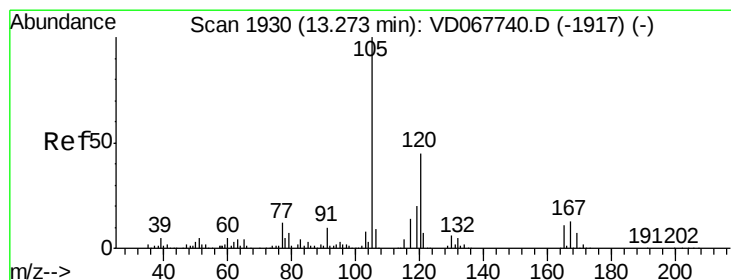
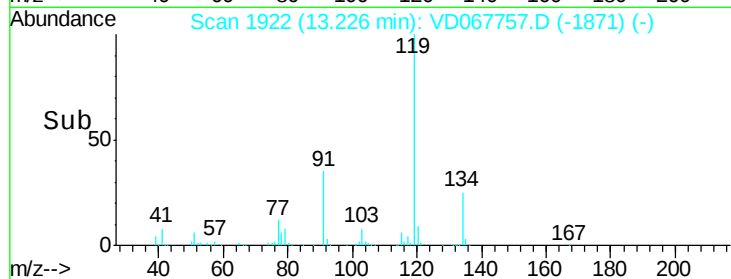
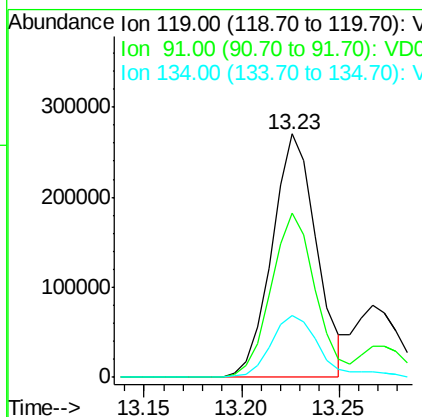
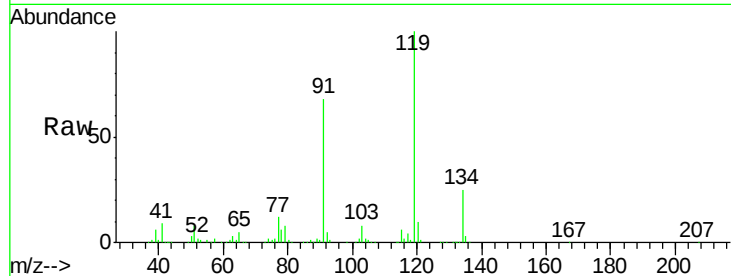
#83
tert-Butylbenzene
Concen: 45.618 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	425058		
91	67.8		32.9	98.7
134	28.3		12.9	38.6

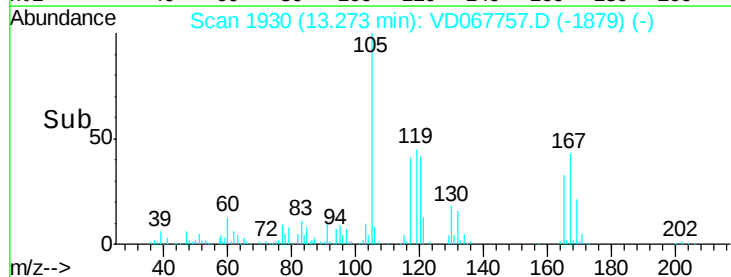
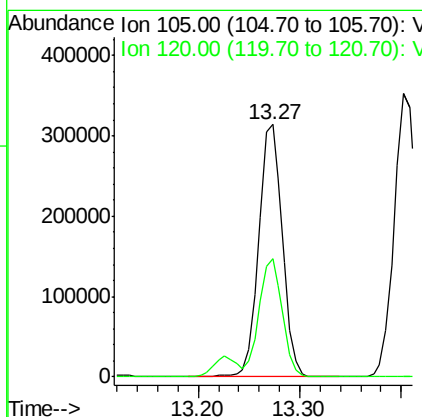
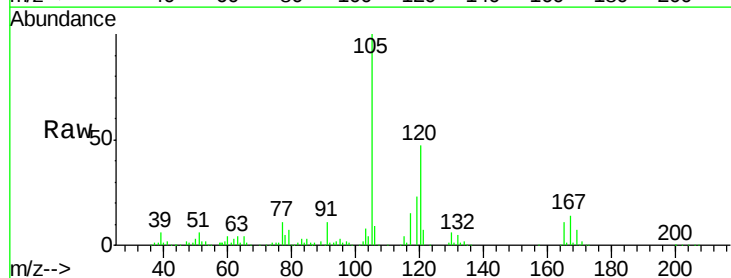
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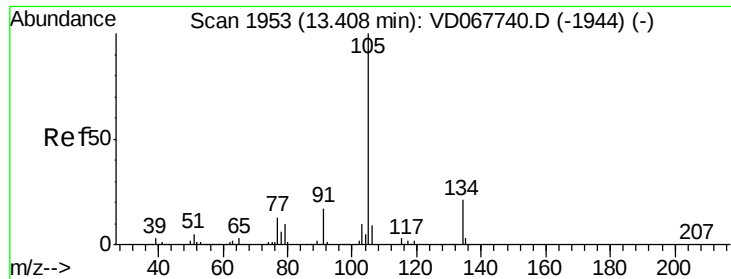
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#84
1,2,4-Trimethylbenzene
Concen: 47.115 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	510361		
120	45.9		22.6	67.7





#85

sec-Butylbenzene

Concen: 45.762 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 560179

Ion Ratio Lower Upper

105 100

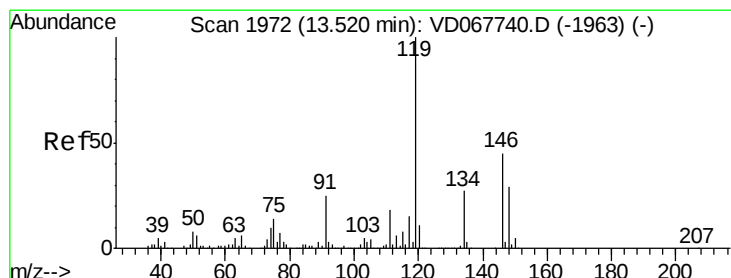
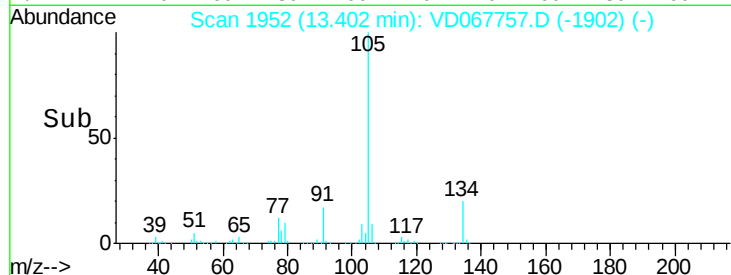
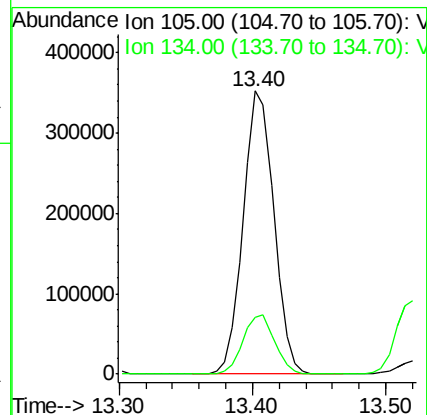
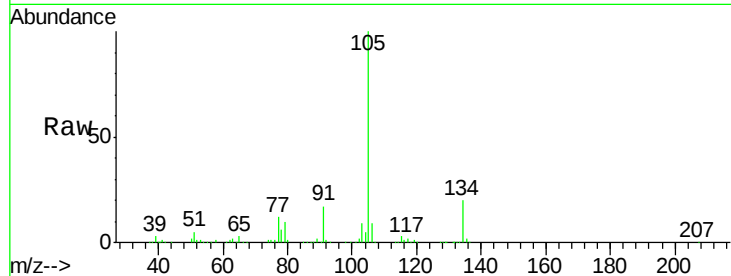
134 21.6 10.7 32.1

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#86

p-Isopropyltoluene

Concen: 46.374 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

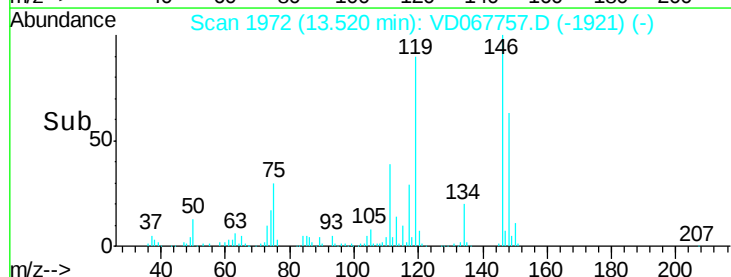
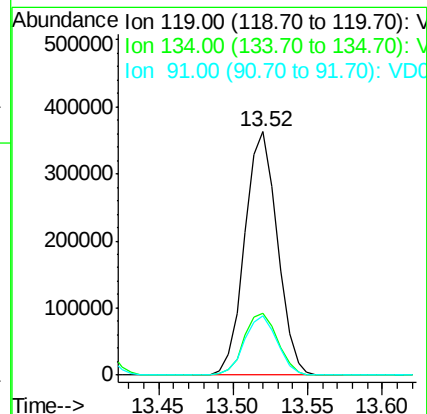
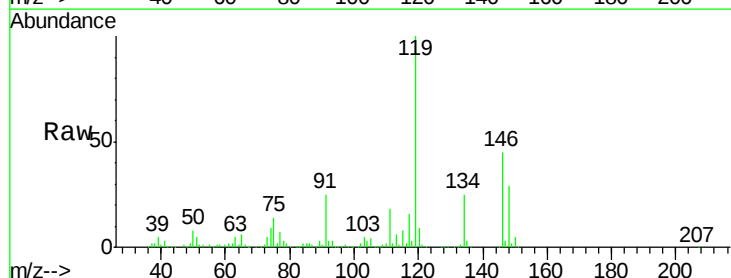
Tgt Ion:119 Resp: 549833

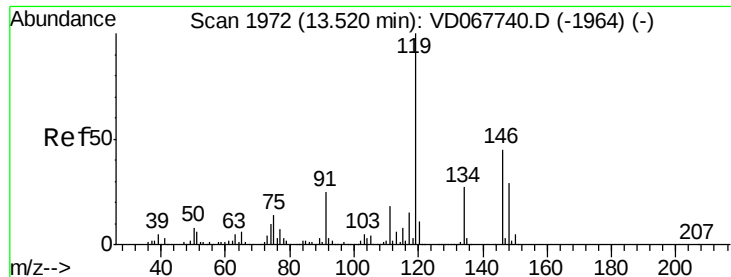
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 24.5 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 44.952 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

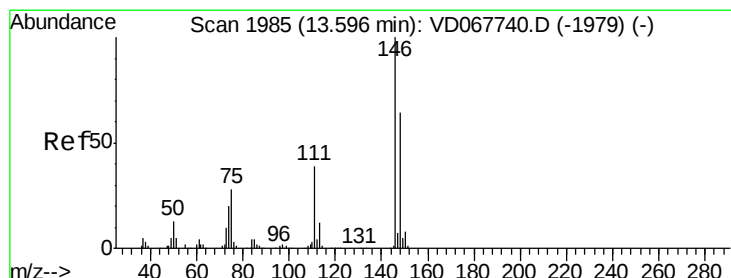
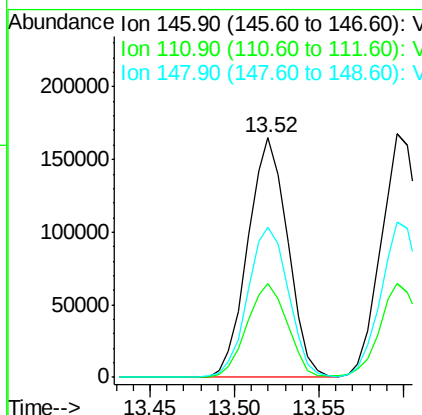
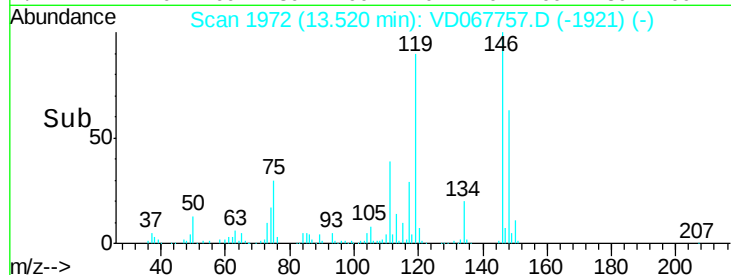
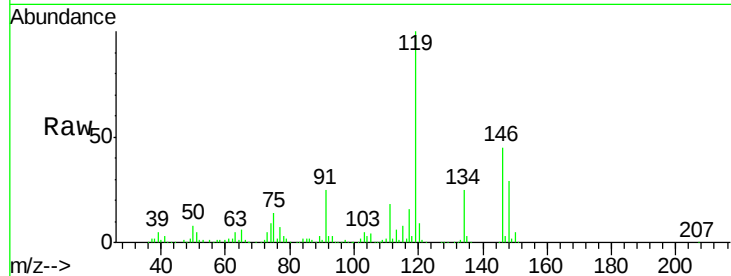
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	271505
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.2	60.6
148	64.0	32.5	97.4

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#88

1,4-Dichlorobenzene

Concen: 46.252 ug/l

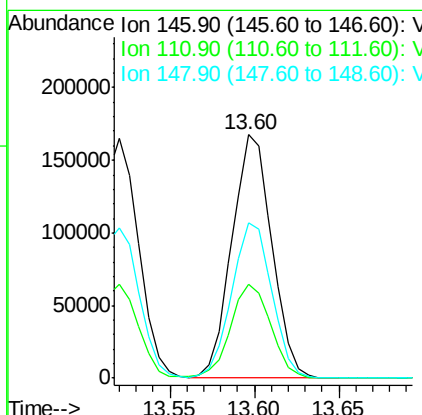
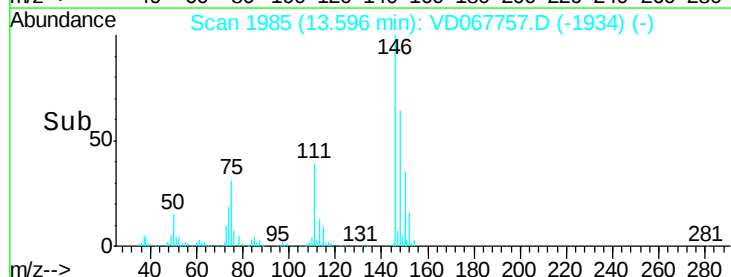
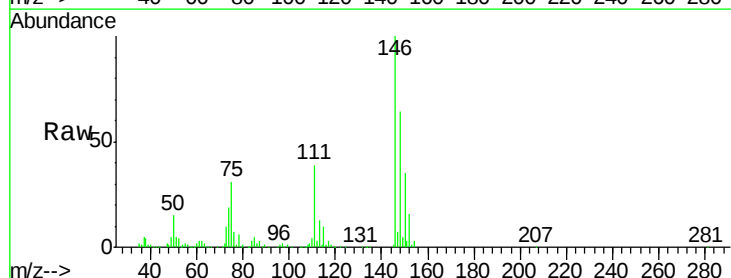
RT: 13.60 min Scan# 1985

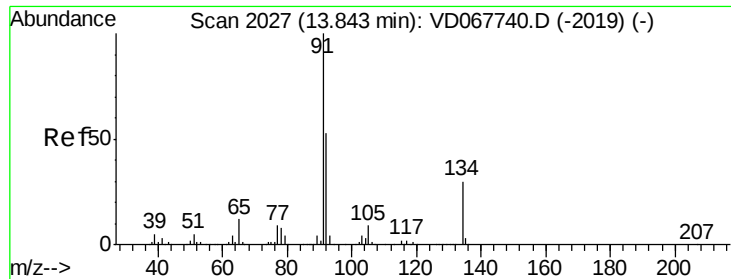
Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Tgt Ion:	146	Resp:	276729
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.4	58.4
148	63.7	31.6	94.8





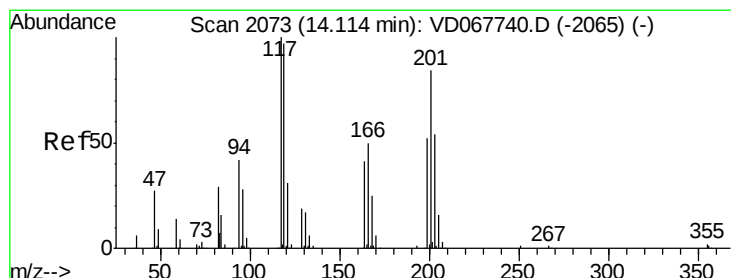
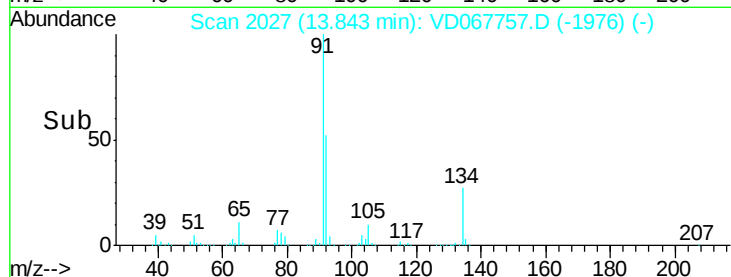
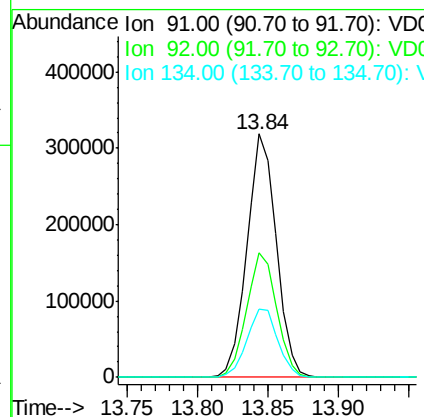
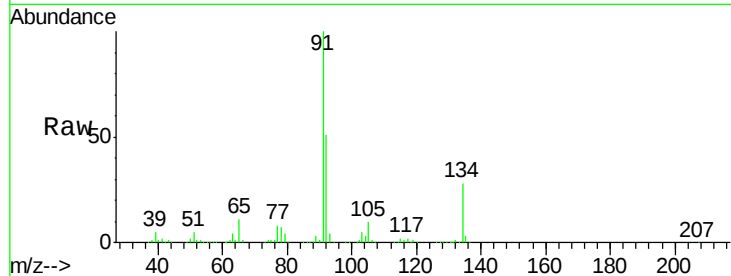
#89
n-Butylbenzene
Concen: 45.712 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.7
134	29.6	14.8	44.3

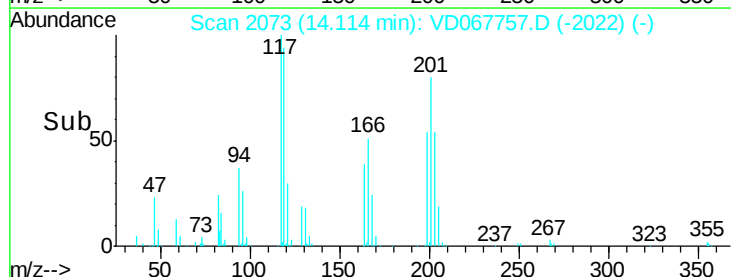
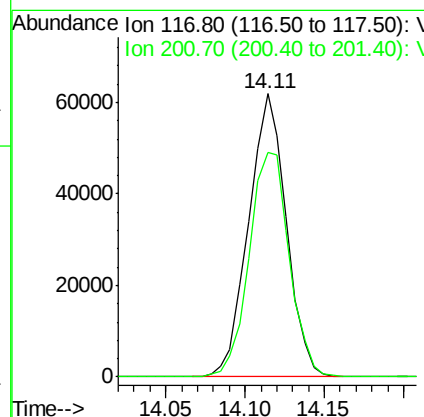
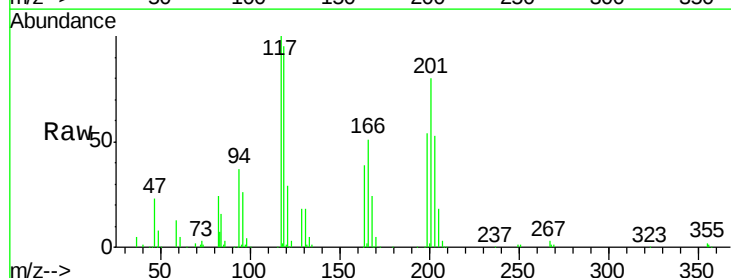
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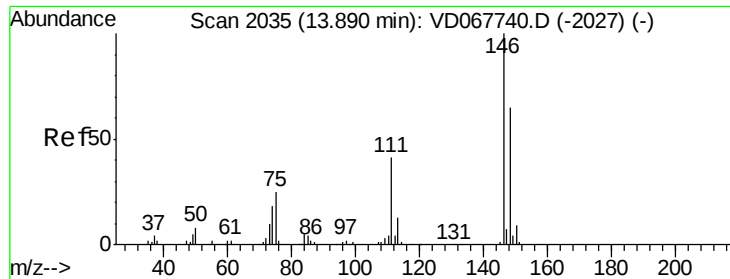
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#90
Hexachloroethane
Concen: 45.294 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067757.D
Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.3	42.2	126.6





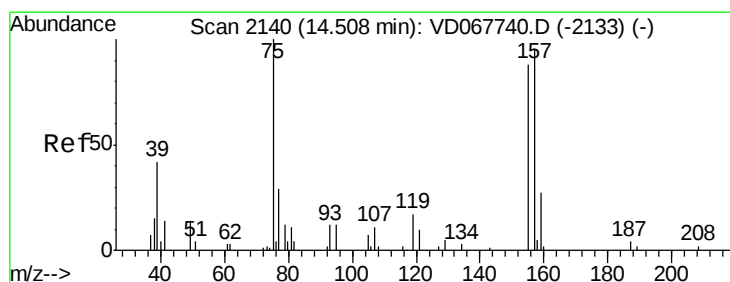
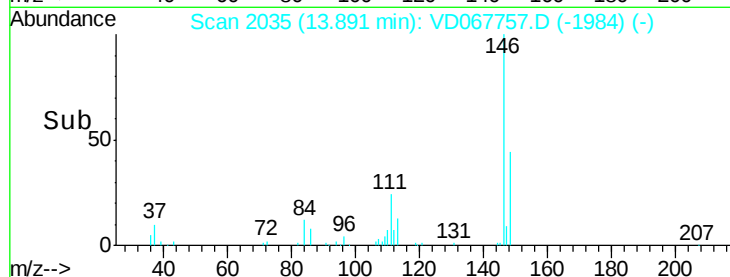
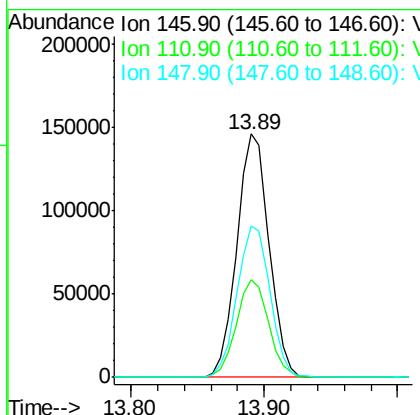
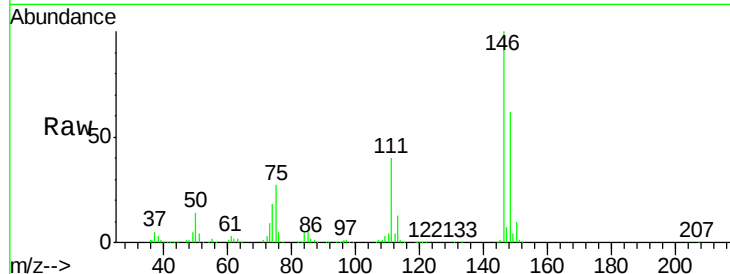
#91
 1,2-Dichlorobenzene
 Concen: 46.850 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.8	62.5
148	63.4	32.4	97.2

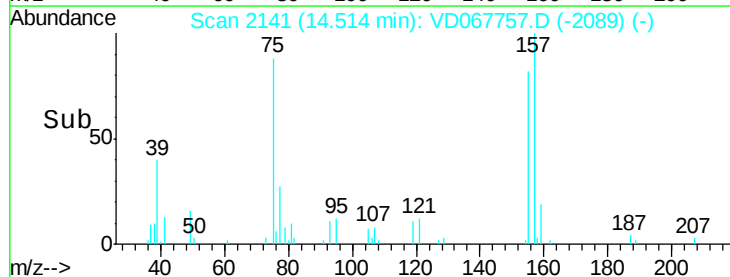
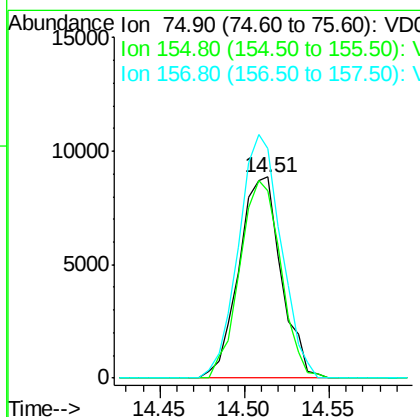
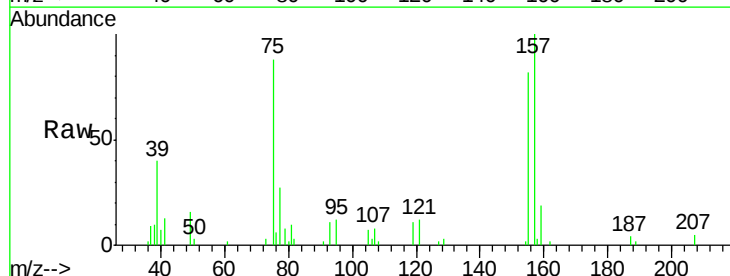
Manual Integrations
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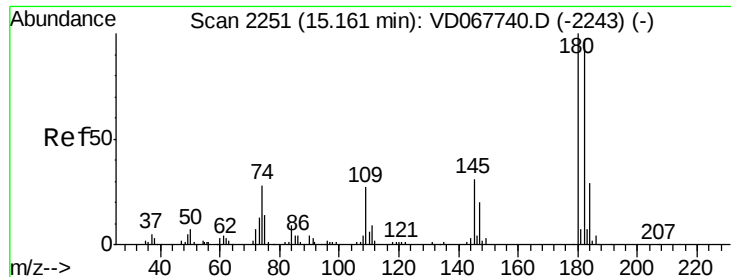
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.861 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	41.0	123.0
157	121.8	51.1	153.4





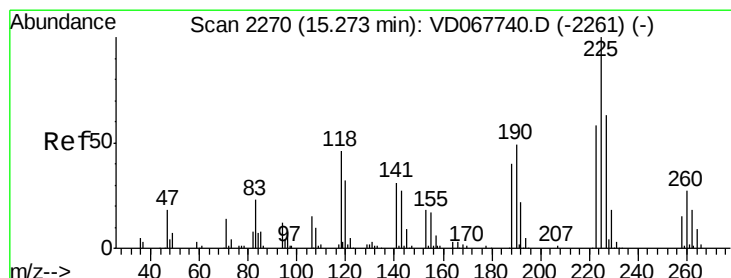
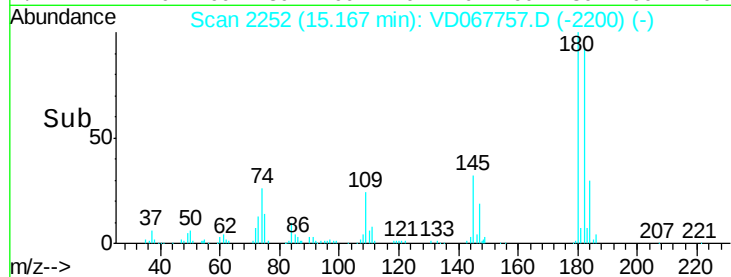
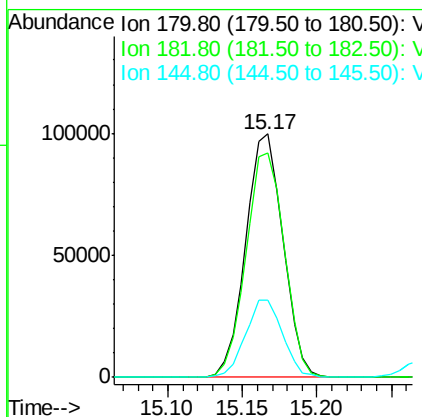
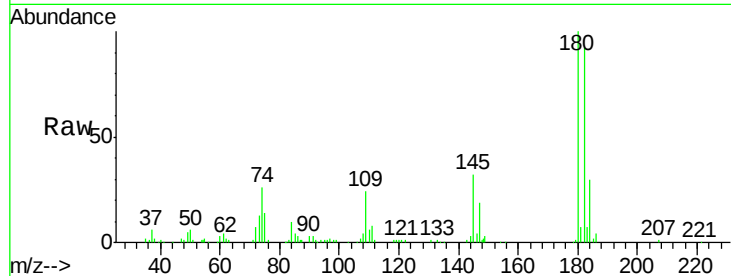
#93
 1,2,4-Trichlorobenzene
 Concen: 46.769 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	172297		
182	94.5	47.4	142.2	
145	31.8	16.1	48.3	

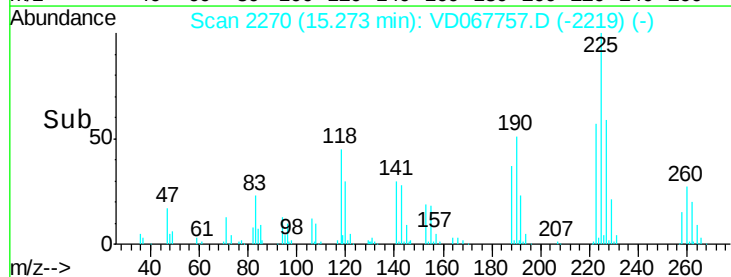
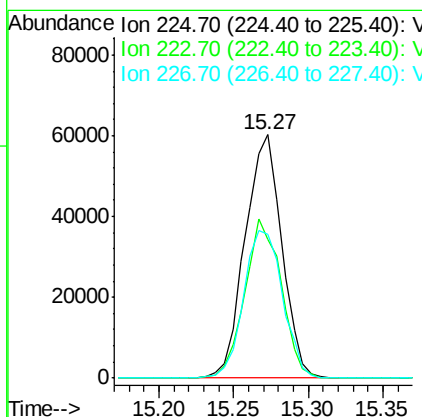
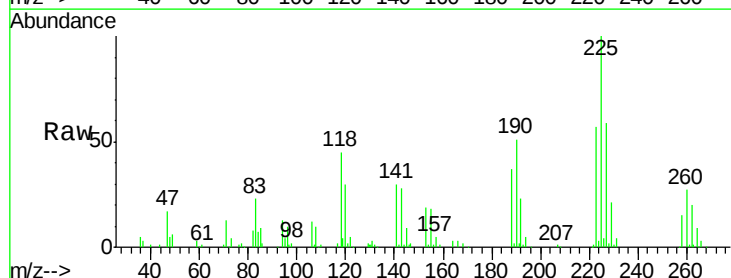
Manual Integrations
 APPROVED

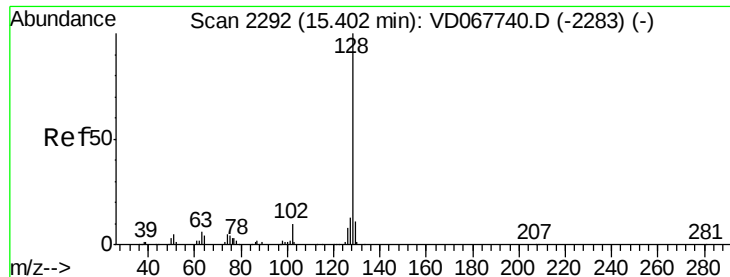
MMDadoda
 11/24/2020 2:56:43 PM



#94
 Hexachlorobutadiene
 Concen: 43.449 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067757.D
 Acq: 23 Nov 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102273		
223	64.6	31.5	94.5	
227	64.6	32.9	98.7	





#95

Naphthalene

Concen: 47.297 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Instrument :

MSVOA_D

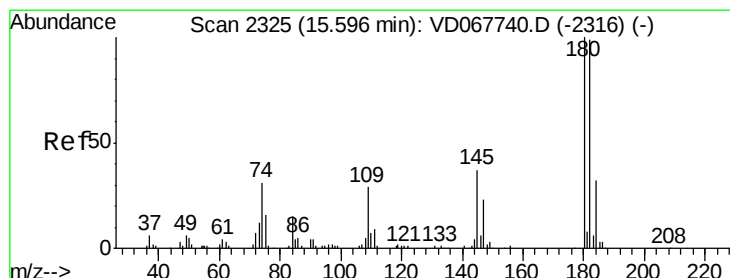
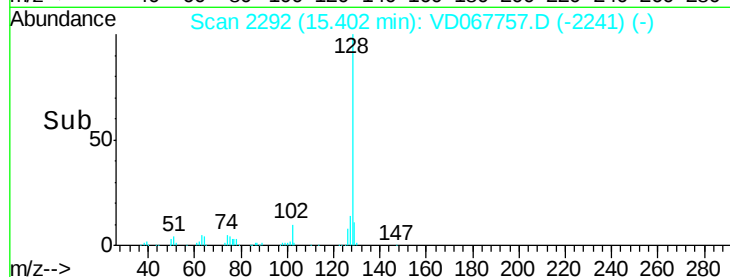
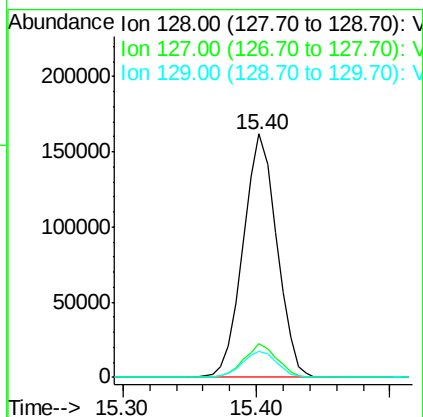
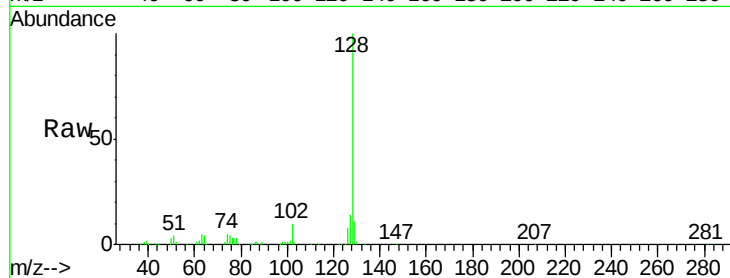
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	281995
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.7	16.1
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
11/24/2020 2:56:43 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.415 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067757.D

Acq: 23 Nov 2020 20:27

Tgt Ion:	180	Resp:	148792
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.0	144.0
145	33.3	16.8	50.4

