

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067737.D
 Acq On : 23 Nov 2020 10:56
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 2:56:25 PM

Quant Time: Nov 24 00:41:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:34:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	263484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	384173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	349983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	184927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	12247	4.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.46%#
35) Dibromofluoromethane	7.92	113	11134	4.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.06%#
50) Toluene-d8	10.34	98	42400	4.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.50%#
62) 4-Bromofluorobenzene	12.63	95	14179	4.62	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.24%#

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.98	85	12106	5.214	ug/l	99
3) Chloromethane	2.20	50	6372	4.829	ug/l	91
4) Vinyl Chloride	2.34	62	8296	5.037	ug/l #	88
5) Bromomethane	2.77	94	7320	5.189	ug/l	97
6) Chloroethane	2.92	64	5760	5.298	ug/l #	87
7) Trichlorofluoromethane	3.27	101	25319	5.078	ug/l	99
8) Diethyl Ether	3.71	74	4947	4.917	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	12627	5.316	ug/l #	70
10) Methyl Iodide	4.31	142	10058m	4.127	ug/l	
11) Tert butyl alcohol	5.20	59	7956m	41.140	ug/l	
12) 1,1-Dichloroethene	4.06	96	11533	5.279	ug/l #	81
13) Acrolein	3.93	56	2480	23.203	ug/l	91
14) Allyl chloride	4.71	41	10224	4.871	ug/l	94
15) Acrylonitrile	5.41	53	8285m	24.296	ug/l	
16) Acetone	4.15	43	8005	23.337	ug/l	89
17) Carbon Disulfide	4.41	76	30306	4.734	ug/l #	94
18) Methyl Acetate	4.71	43	3695	5.582	ug/l	90
19) Methyl tert-butyl Ether	5.48	73	21648m	4.634	ug/l	
20) Methylene Chloride	4.97	84	27501	8.087	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	13014	5.322	ug/l #	86
22) Diisopropyl ether	6.36	45	18644	4.513	ug/l	95
23) Vinyl Acetate	6.30	43	47119	20.087	ug/l	98
24) 1,1-Dichloroethane	6.27	63	16935	4.737	ug/l	91
25) 2-Butanone	7.21	43	10155	27.728	ug/l	96
26) 2,2-Dichloropropane	7.21	77	22032	5.263	ug/l #	73
27) cis-1,2-Dichloroethene	7.21	96	12909	4.892	ug/l	94
28) Bromochloromethane	7.54	49	5565	4.875	ug/l	99
29) Tetrahydrofuran	7.57	42	4498	20.952	ug/l #	87
30) Chloroform	7.71	83	24063	5.190	ug/l	99
31) Cyclohexane	7.98	56	19545	6.323	ug/l #	82
32) 1,1,1-Trichloroethane	7.91	97	25389	5.139	ug/l	98
36) 1,1-Dichloropropene	8.11	75	16000	4.811	ug/l	96
37) Ethyl Acetate	7.29	43	4271	4.889	ug/l #	89
38) Carbon Tetrachloride	8.10	117	24063	4.931	ug/l	96

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	18887	4.782	ug/l	96
40) Benzene	8.36	78	45957	5.011	ug/l	97
41) Methacrylonitrile	7.53	41	1939m	4.779	ug/l	
42) 1,2-Dichloroethane	8.43	62	15930	5.170	ug/l	98
43) Isopropyl Acetate	8.46	43	8230	4.656	ug/l	96
44) Trichloroethene	9.11	130	14670	4.797	ug/l	76
45) 1,2-Dichloropropane	9.38	63	9460	5.073	ug/l	92
46) Dibromomethane	9.48	93	6357	5.075	ug/l	99
47) Bromodichloromethane	9.67	83	16877	4.767	ug/l	91
48) Methyl methacrylate	9.46	41	4432	5.061	ug/l	95
49) 1,4-Dioxane	9.47	88	1462	107.622	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	18800	22.792	ug/l	89
52) Toluene	10.41	92	29425	4.756	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	14192	4.603	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	17332	4.965	ug/l	96
55) 1,1,2-Trichloroethane	10.81	97	8870	5.216	ug/l	92
56) Ethyl methacrylate	10.66	69	7807	4.442	ug/l	96
57) 1,3-Dichloropropane	10.95	76	13191	4.953	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.94	63	19034	23.193	ug/l	96
59) 2-Hexanone	10.99	43	13084	22.227	ug/l	100
60) Dibromochloromethane	11.14	129	12489	4.818	ug/l	91
61) 1,2-Dibromoethane	11.24	107	8262	4.914	ug/l	99
64) Tetrachloroethene	10.88	164	13740	4.993	ug/l #	87
65) Chlorobenzene	11.67	112	34783	5.018	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.75	131	14012	5.045	ug/l	95
67) Ethyl Benzene	11.75	91	58100	4.883	ug/l	95
68) m/p-Xylenes	11.86	106	44372	9.537	ug/l	97
69) o-Xylene	12.18	106	20119	4.756	ug/l	96
70) Styrene	12.20	104	32393	4.432	ug/l	97
71) Bromoform	12.37	173	7470	4.940	ug/l #	99
73) Isopropylbenzene	12.48	105	55299	4.458	ug/l	98
74) N-amyl acetate	12.29	43	6995	4.352	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	8160	4.936	ug/l	91
76) 1,2,3-Trichloropropane	12.78	75	6461m	4.483	ug/l	
77) Bromobenzene	12.77	156	14481	4.688	ug/l	98
78) n-propylbenzene	12.83	91	60919	4.428	ug/l	98
79) 2-Chlorotoluene	12.91	91	37790	4.668	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	46792	4.297	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.53	75	2640	4.784	ug/l	98
82) 4-Chlorotoluene	13.01	91	40456	4.683	ug/l	97
83) tert-Butylbenzene	13.23	119	40011	4.360	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	47820	4.463	ug/l	98
85) sec-Butylbenzene	13.40	105	54477	4.495	ug/l	95
86) p-Isopropyltoluene	13.51	119	51349	4.382	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	29556	4.910	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	29794	4.967	ug/l	93
89) n-Butylbenzene	13.84	91	46555	4.641	ug/l	96
90) Hexachloroethane	14.11	117	10802	4.837	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	24325	4.699	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1798	5.110	ug/l	91

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MSVOA_D
ClientSampleId :
VSTDICC005

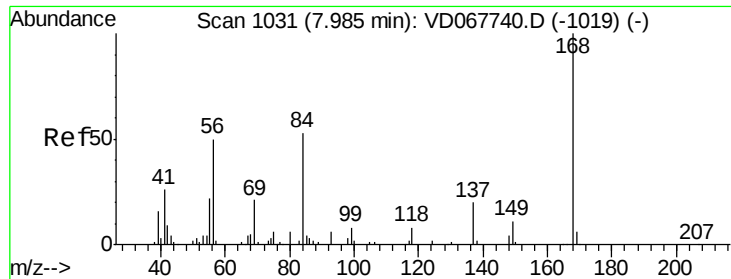
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	16941	4.621	ug/l	98
94) Hexachlorobutadiene	15.27	225	10582	4.500	ug/l	98
95) Naphthalene	15.40	128	24856	4.184	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	14274	4.585	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 263484

Ion Ratio Lower Upper

168 100

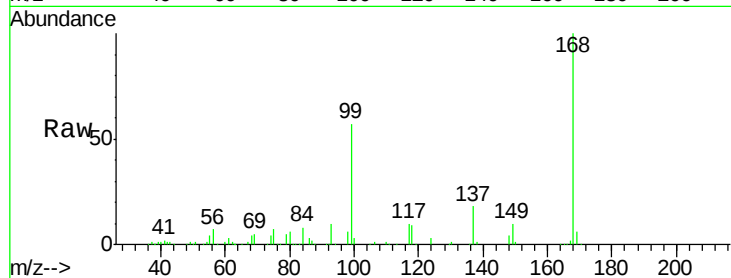
99 56.0 43.8 65.8

Manual Integrations

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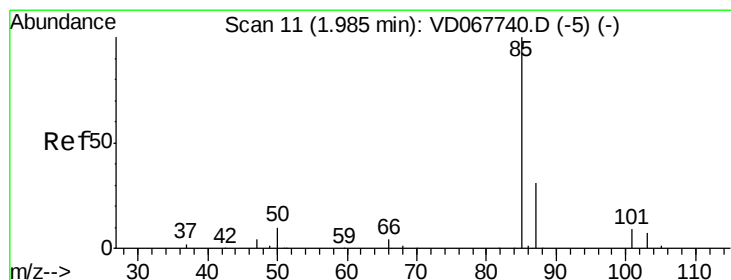
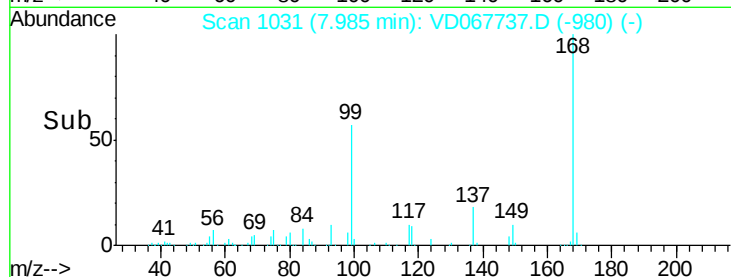
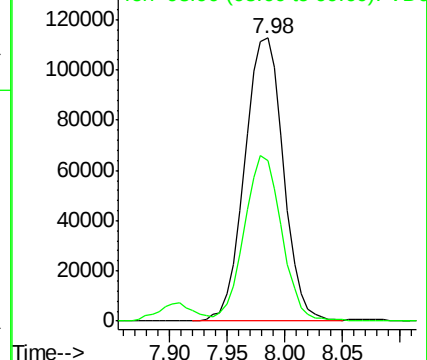
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 5.214 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD067737.D

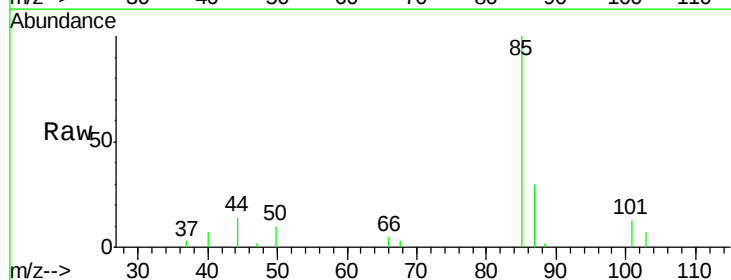
Acq: 23 Nov 2020 10:56

Tgt Ion: 85 Resp: 12106

Ion Ratio Lower Upper

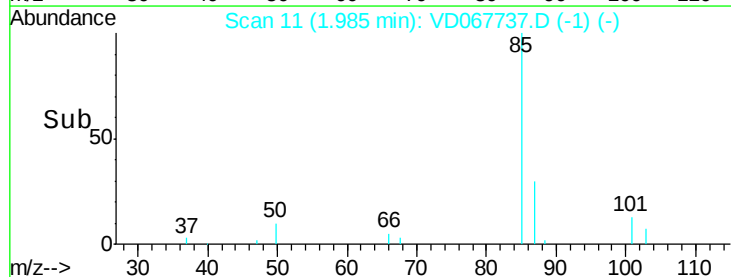
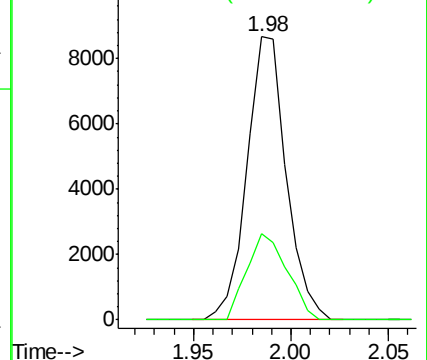
85 100

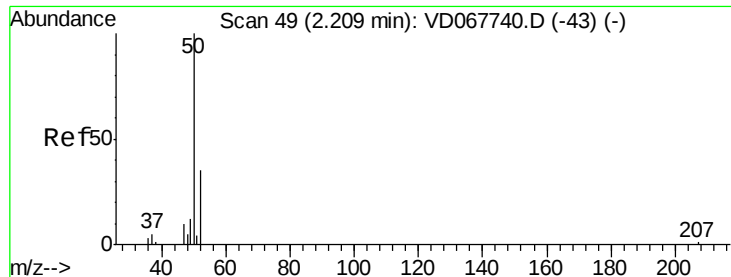
87 30.5 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 4.829 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 6372

Ion Ratio Lower Upper

50 100

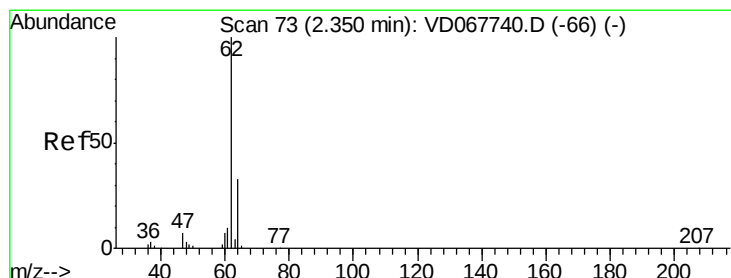
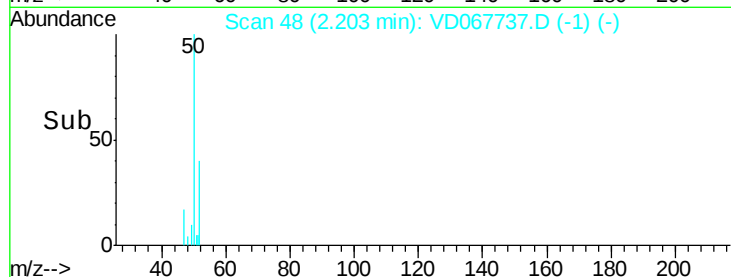
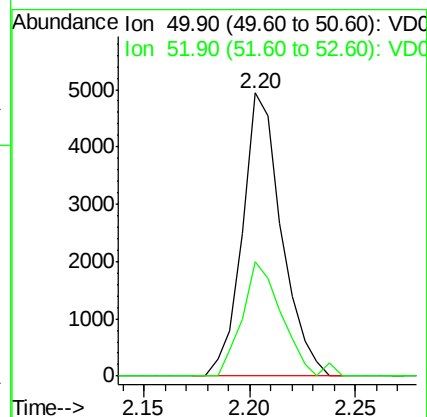
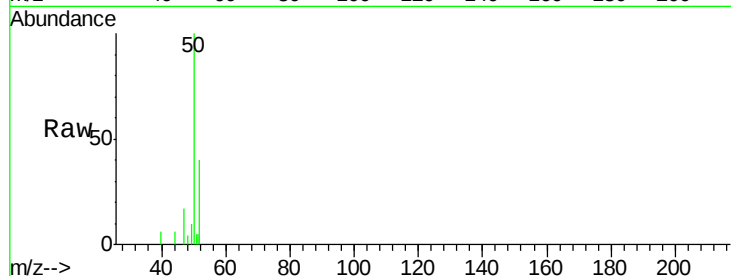
52 40.3 27.8 41.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.037 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067737.D

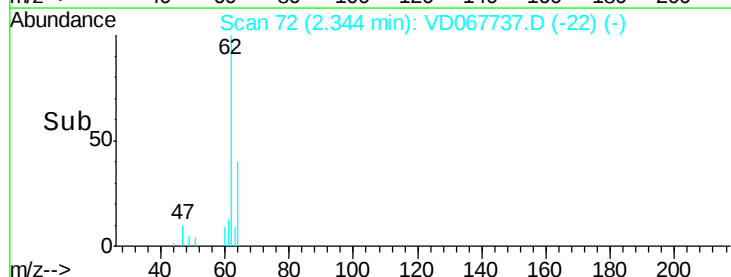
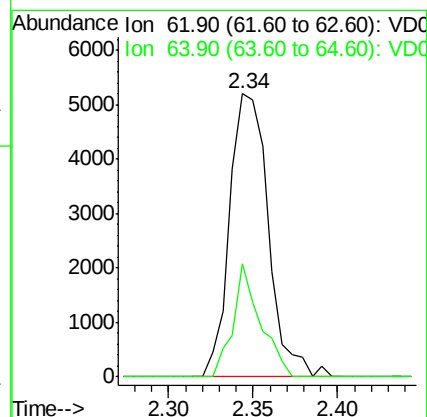
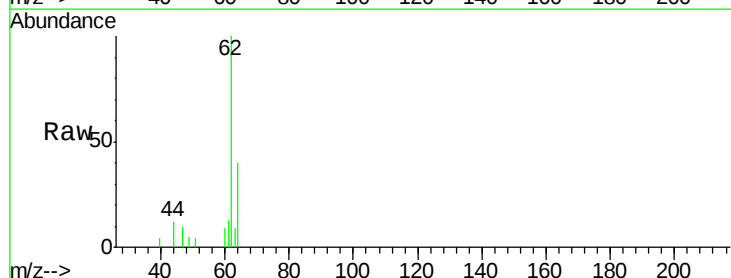
Acq: 23 Nov 2020 10:56

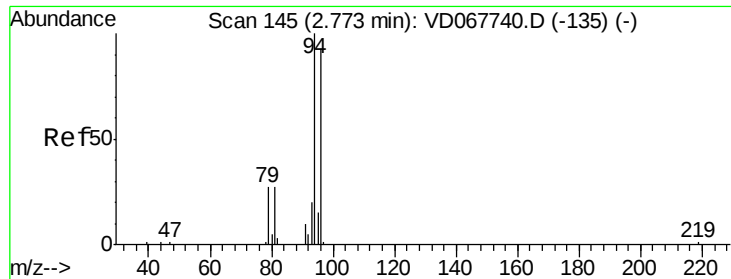
Tgt Ion: 62 Resp: 8296

Ion Ratio Lower Upper

62 100

64 40.1 26.6 40.0#





#5

Bromomethane

Concen: 5.189 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 7320

Ion Ratio Lower Upper

94 100

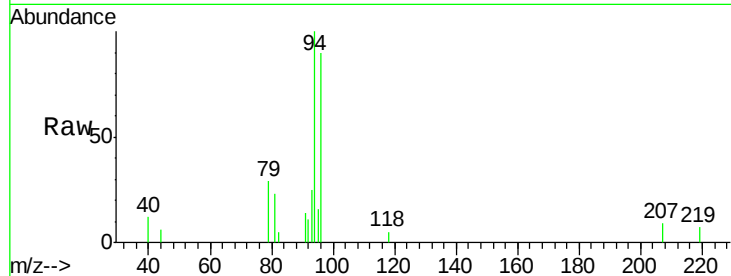
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Manual Integrations

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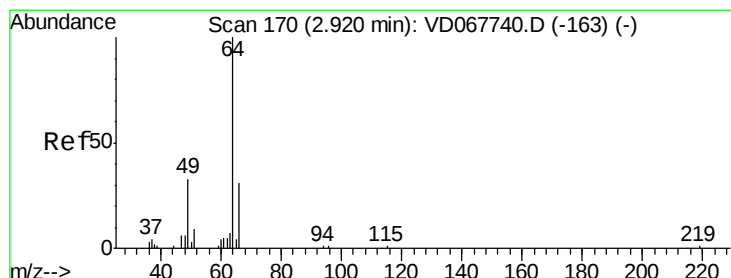
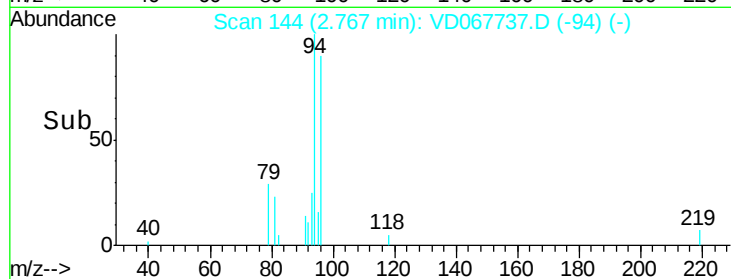
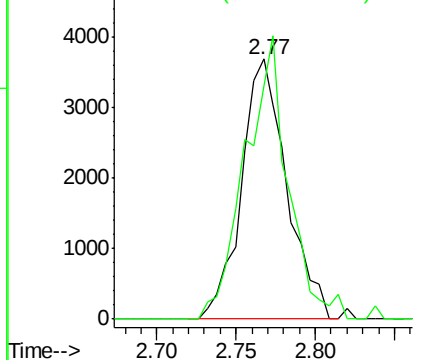
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 5.298 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD067737.D

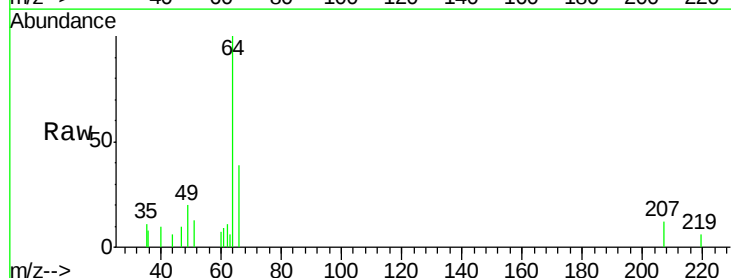
Acq: 23 Nov 2020 10:56

Tgt Ion: 64 Resp: 5760

Ion Ratio Lower Upper

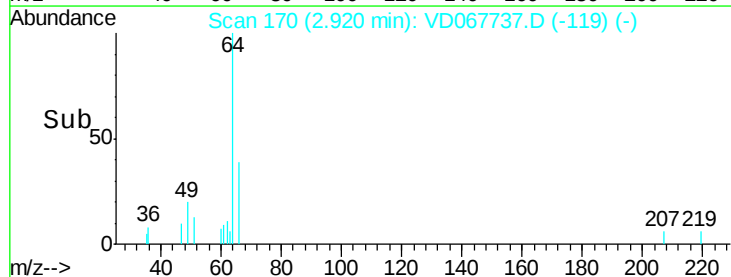
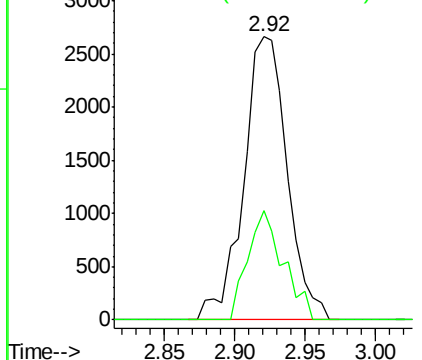
64 100

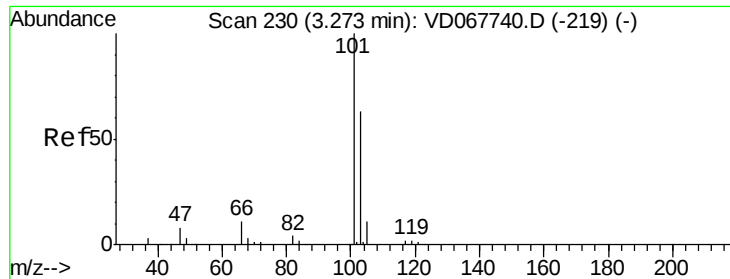
66 38.5 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

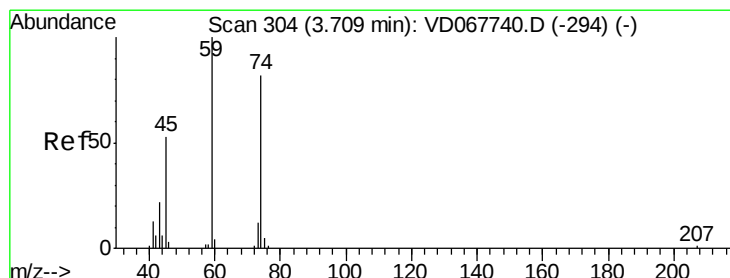
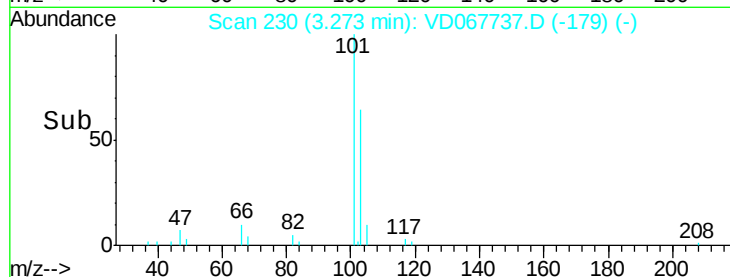
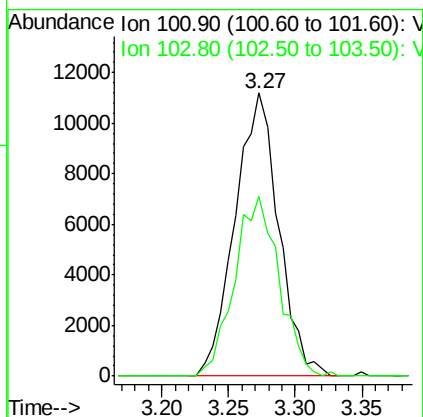
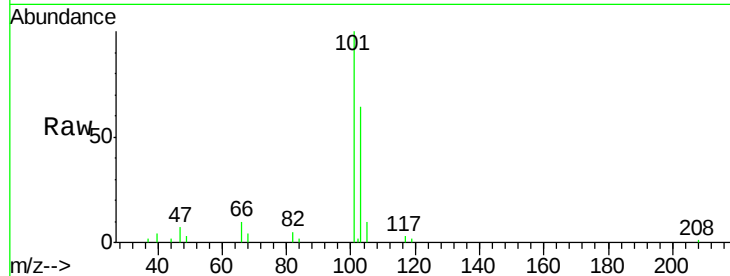
Trichlorofluoromethane
 Concen: 5.078 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

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 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.3	75.5

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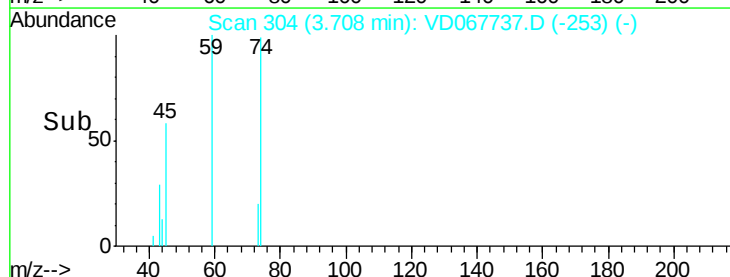
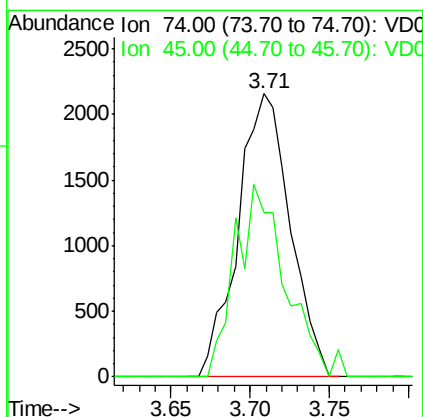
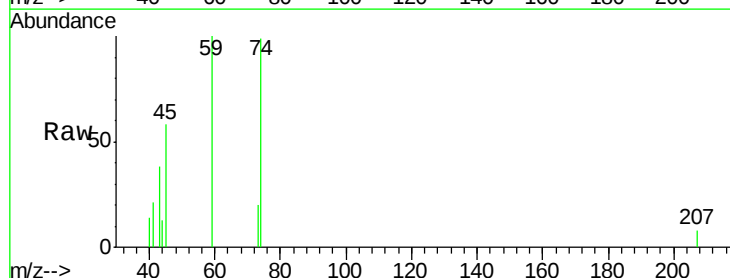
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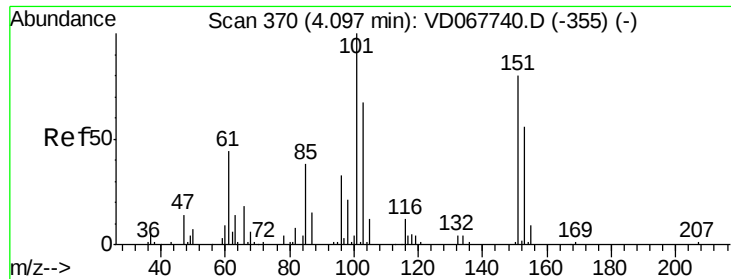


#8

Diethyl Ether
 Concen: 4.917 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	65.8	35.9	107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.316 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion:101 Resp: 12627

Ion Ratio Lower Upper

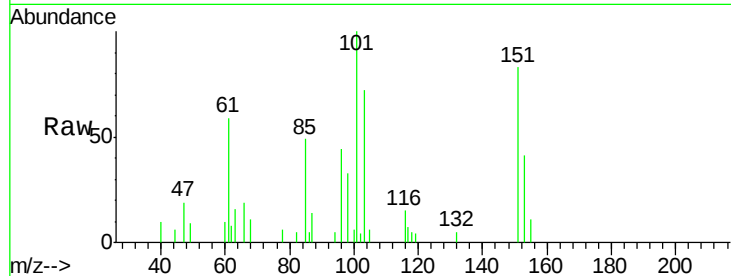
101 100

85 45.5 35.5 53.3

151 46.2 69.4 104.0#

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APPROVED

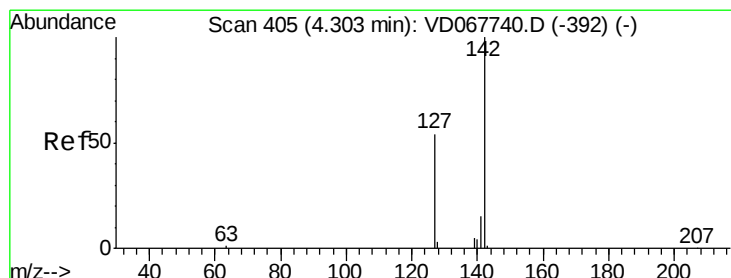
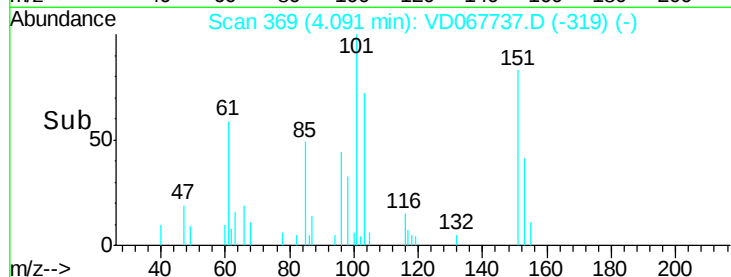
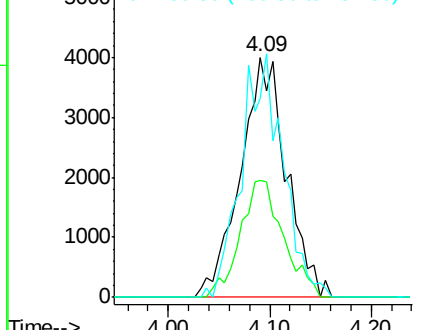
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.127 ug/l m

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

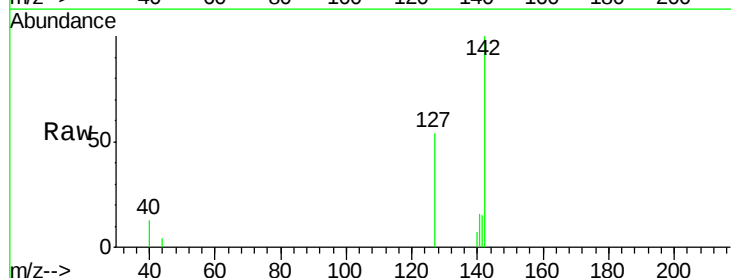
Tgt Ion:142 Resp: 10058

Ion Ratio Lower Upper

142 100

127 23.7 42.2 63.2#

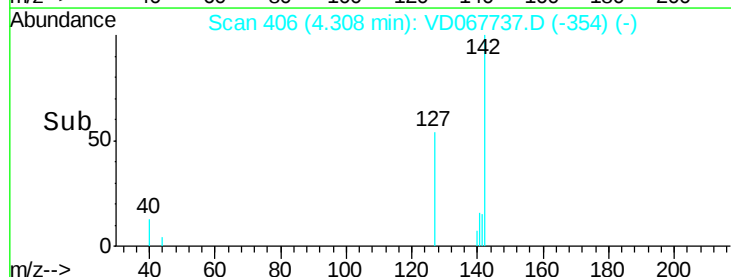
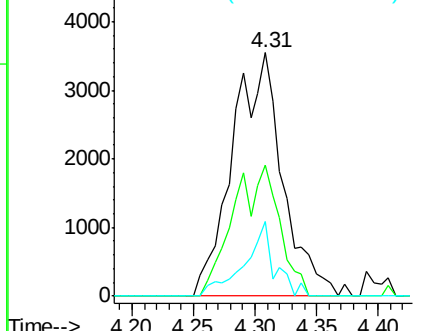
141 18.3 11.8 17.6#

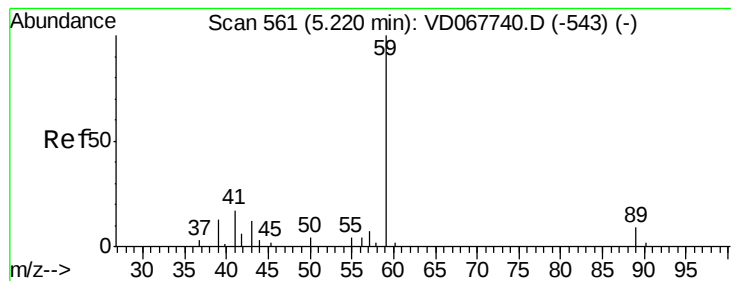


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

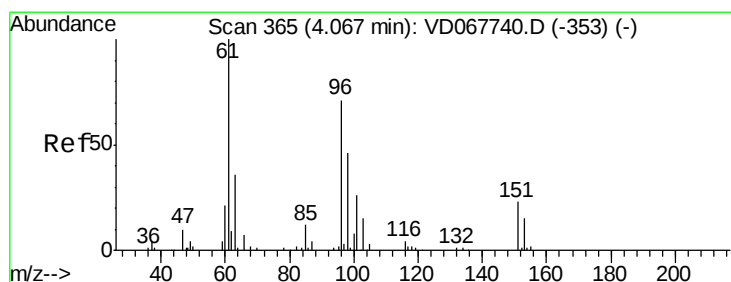
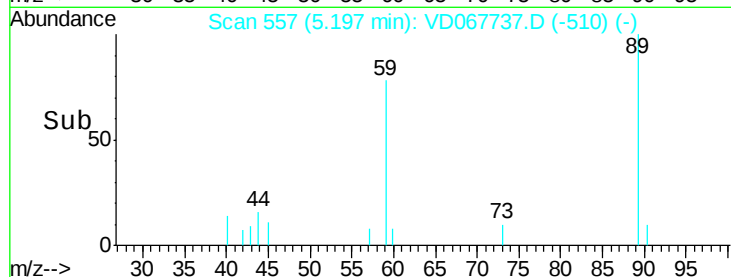
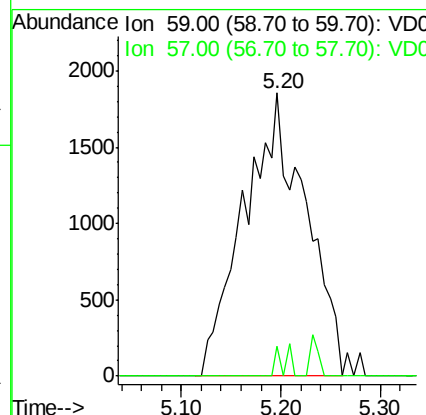
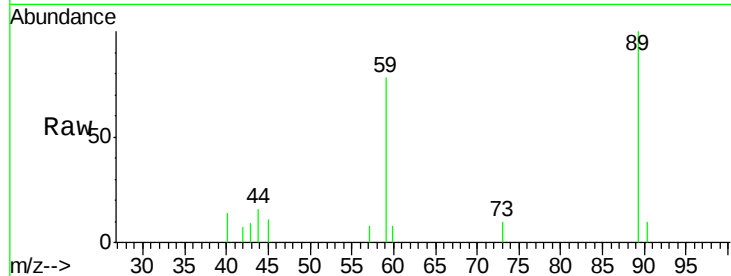
Tert butyl alcohol
 Concen: 41.140 ug/l m
 RT: 5.20 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion: 59 Resp: 7956
 Ion Ratio Lower Upper
 59 100
 57 1.8 3.4 5.0#

Manual Integrations
 APPROVED

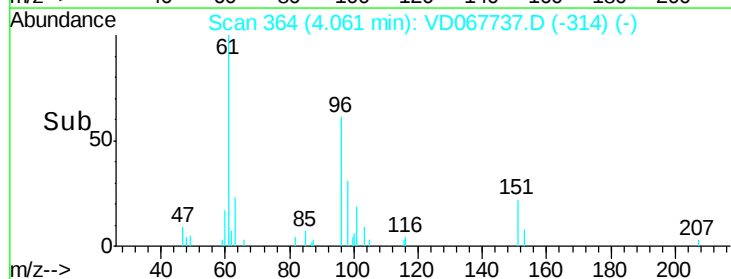
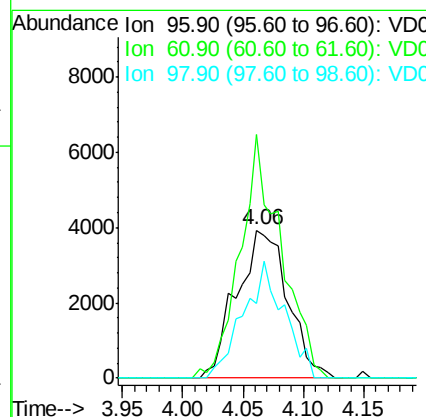
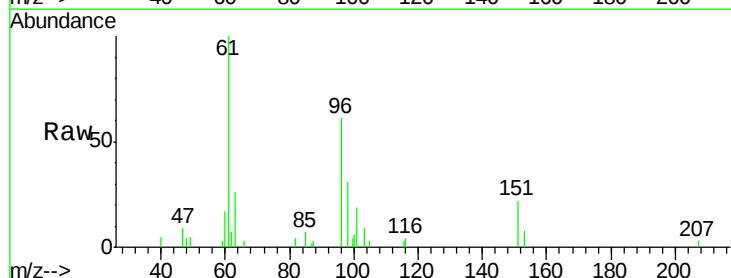
MMDadoda
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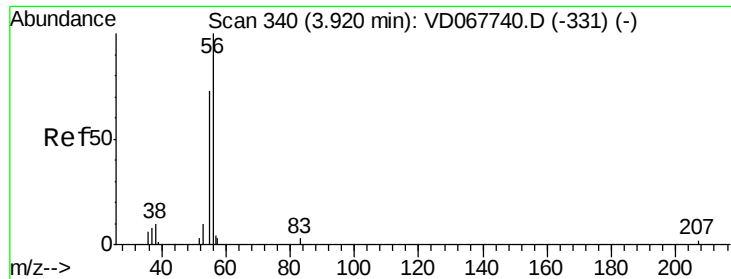


#12

1,1-Dichloroethene
 Concen: 5.279 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Tgt Ion: 96 Resp: 11533
 Ion Ratio Lower Upper
 96 100
 61 165.0 112.9 169.3
 98 50.8 52.4 78.6#





#13

Acrolein

Concen: 23.203 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 2480

Ion Ratio Lower Upper

56 100

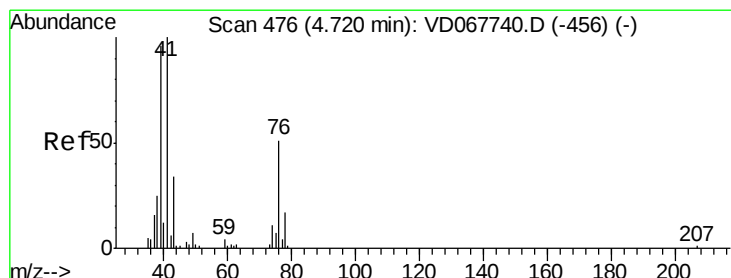
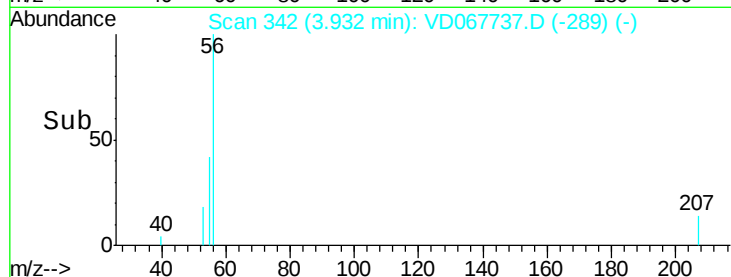
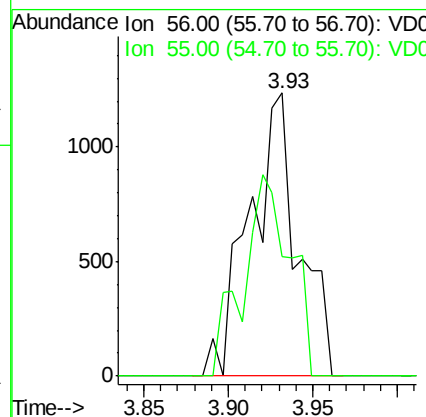
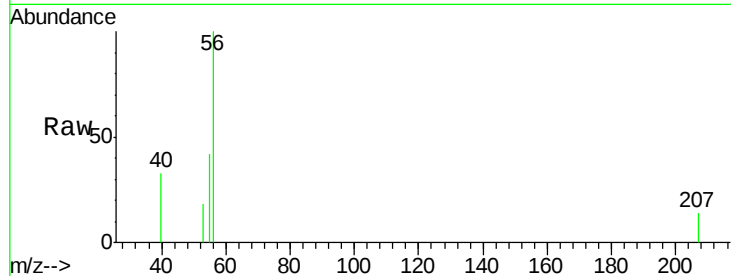
55 69.0 61.2 91.8

Manual Integrations

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#14

Allyl chloride

Concen: 4.871 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

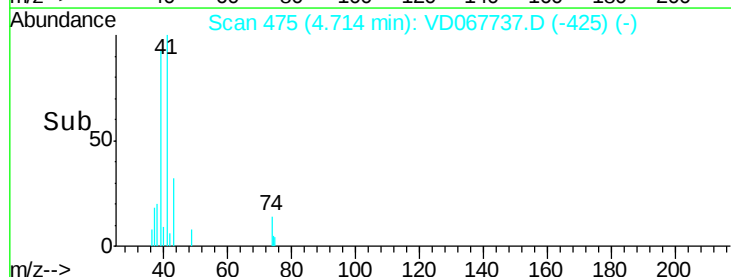
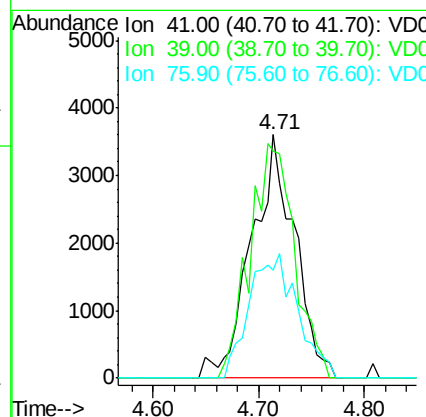
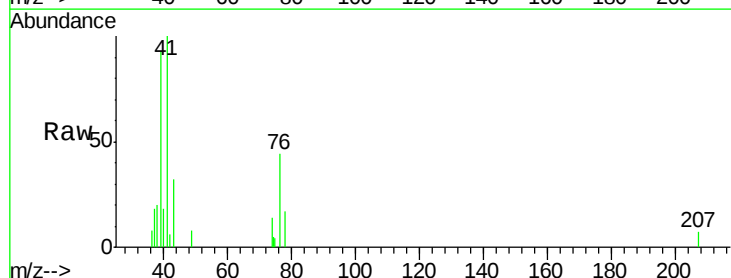
Tgt Ion: 41 Resp: 10224

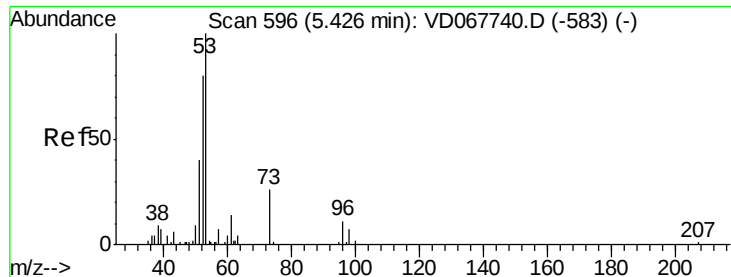
Ion Ratio Lower Upper

41 100

39 99.7 74.6 111.8

76 56.8 43.3 64.9





#15

Acrylonitrile

Concen: 24.296 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

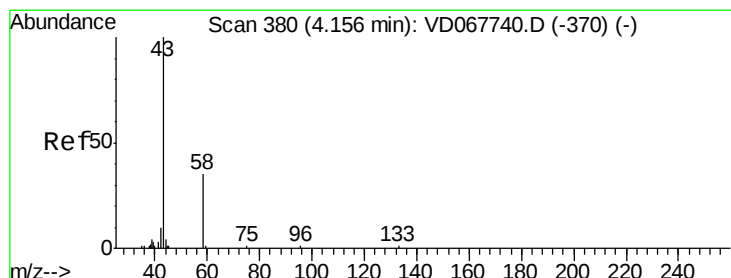
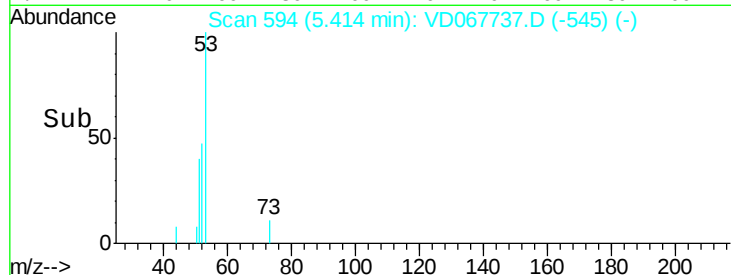
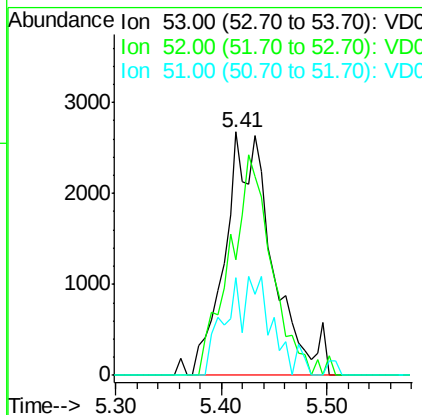
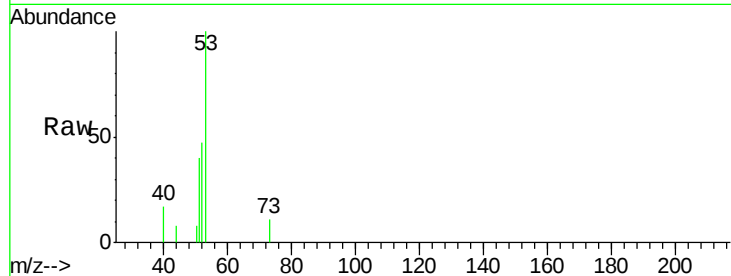
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	8285
Ion Ratio	Lower	Upper	
53	100		
52	0.0	63.4	95.2#
51	16.3	31.4	47.2#

Manual Integrations
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#16

Acetone

Concen: 23.337 ug/l

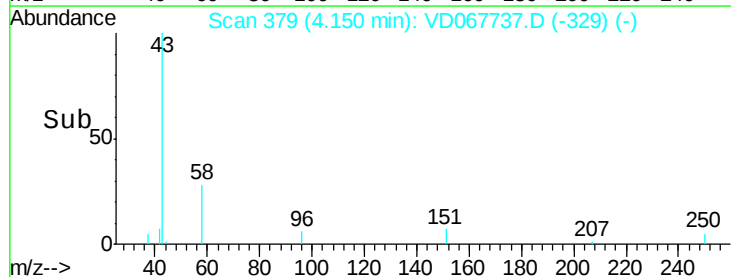
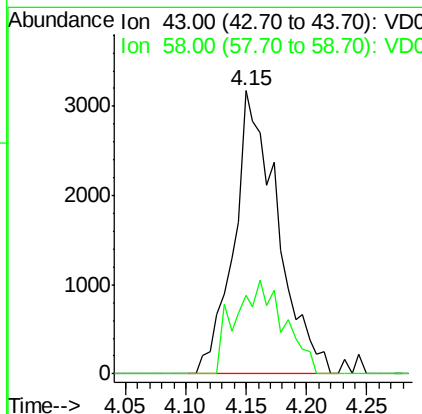
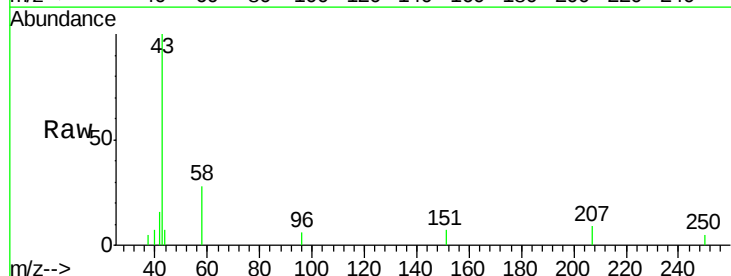
RT: 4.15 min Scan# 379

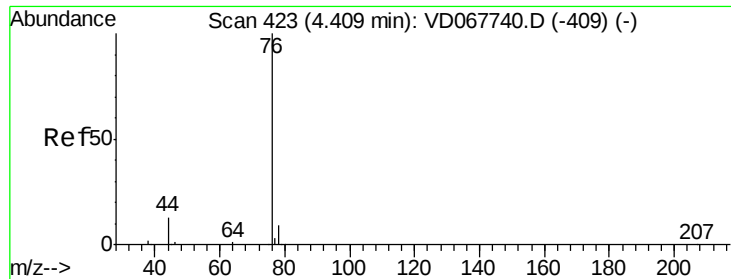
Delta R.T. -0.01 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Tgt Ion:	43	Resp:	8005
Ion Ratio	Lower	Upper	
43	100		
58	27.9	27.6	41.4





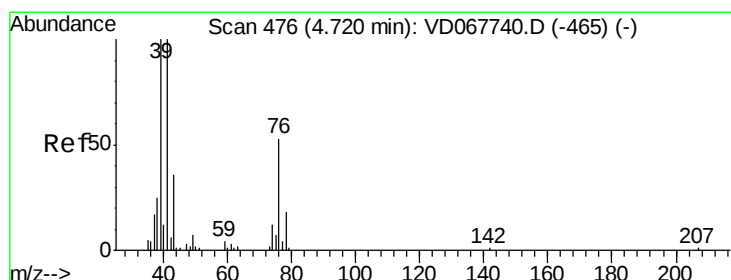
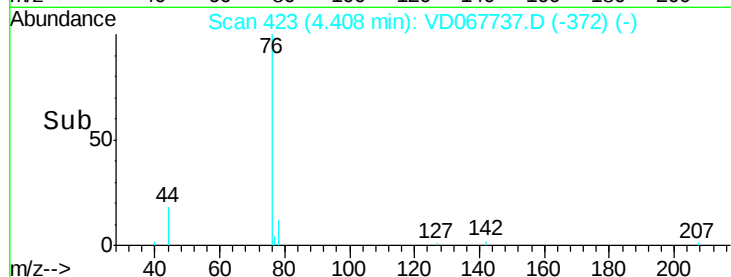
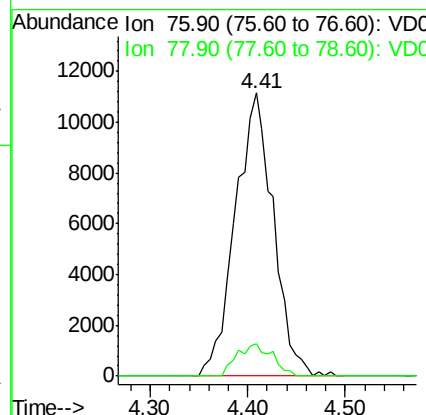
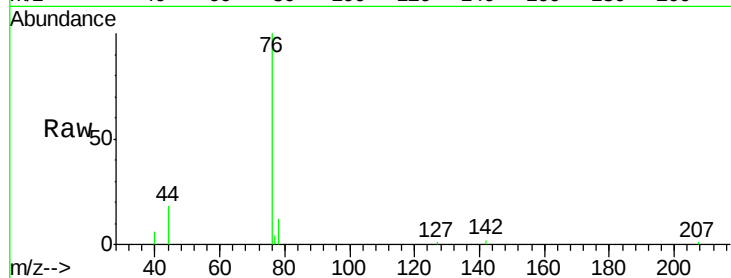
#17
Carbon Disulfide
Concen: 4.734 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 76 Resp: 30306
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#

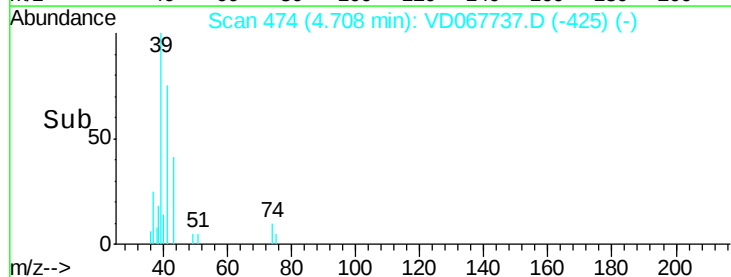
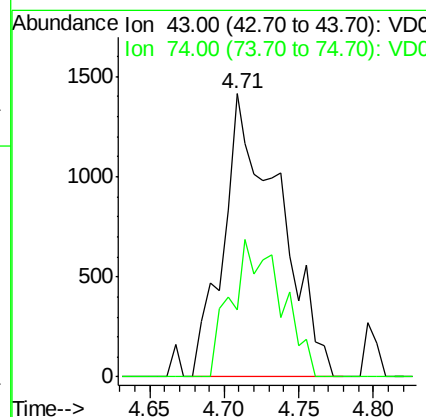
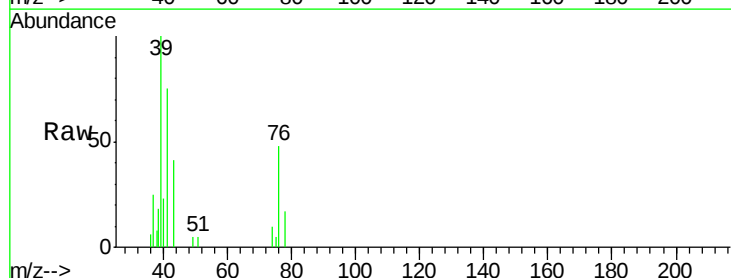
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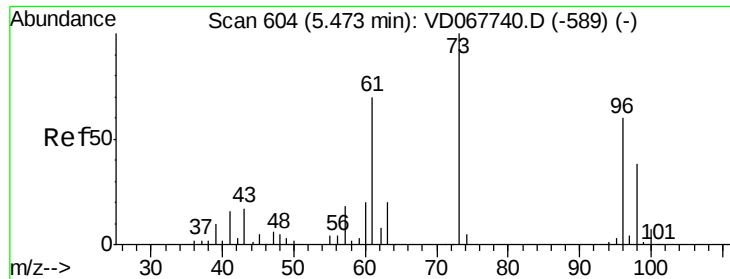
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#18
Methyl Acetate
Concen: 5.582 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion: 43 Resp: 3695
Ion Ratio Lower Upper
43 100
74 43.3 29.7 44.5





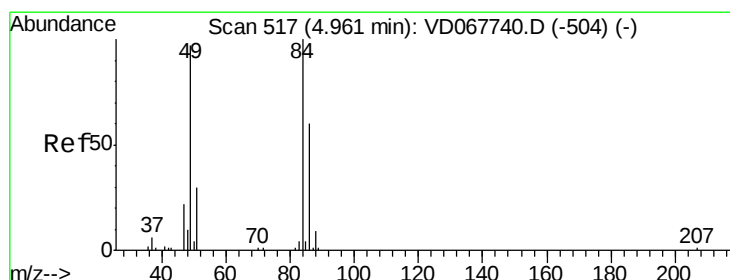
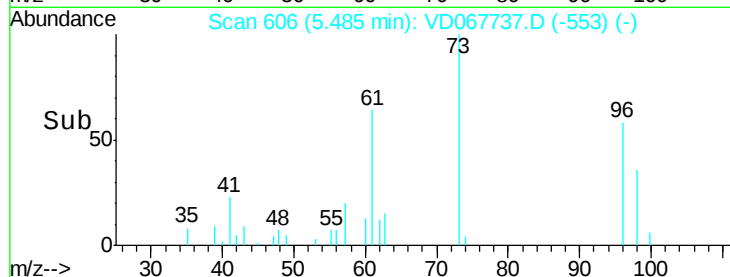
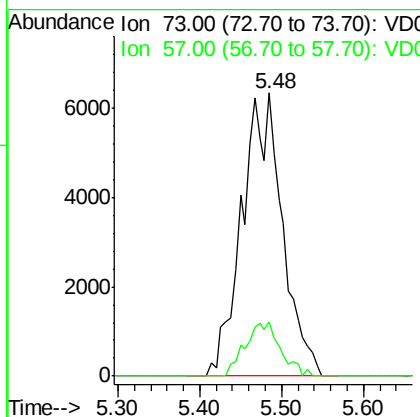
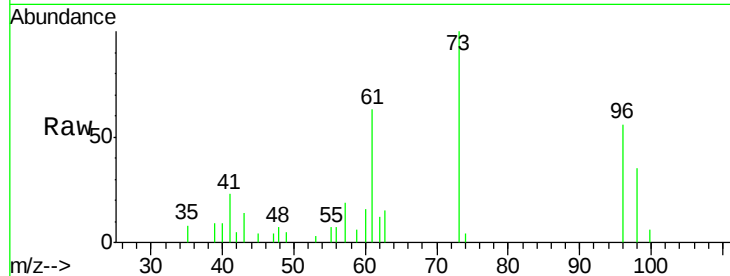
#19
Methvl tert-butvl Ether
Concen: 4.634 ug/l m
RT: 5.48 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 21648
Ion Ratio Lower Upper
73 100
57 19.4 14.8 22.2

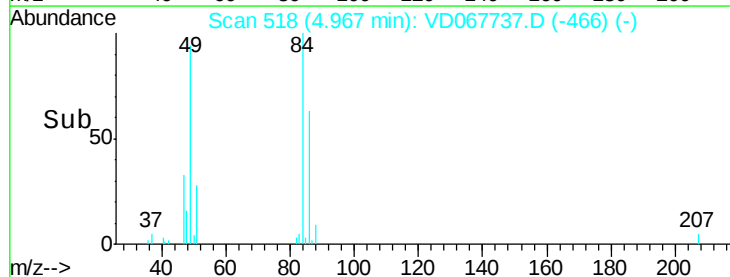
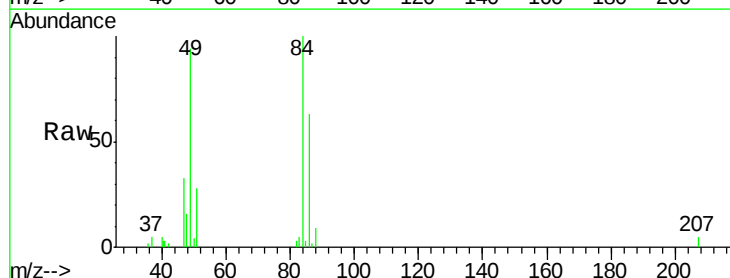
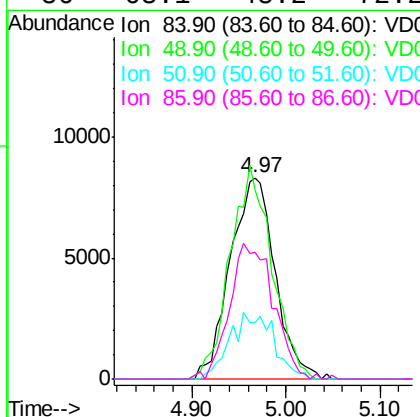
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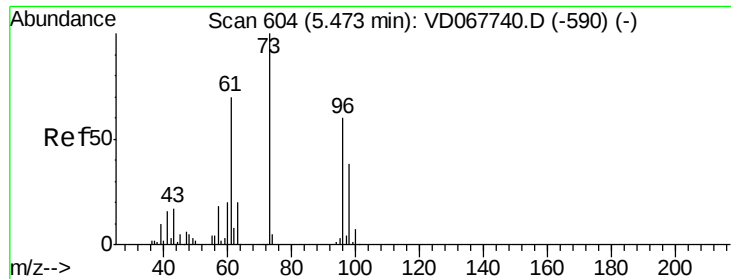
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#20
Methylene Chloride
Concen: 8.087 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion: 84 Resp: 27501
Ion Ratio Lower Upper
84 100
49 94.3 77.4 116.2
51 28.0 24.1 36.1
86 63.1 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 5.322 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

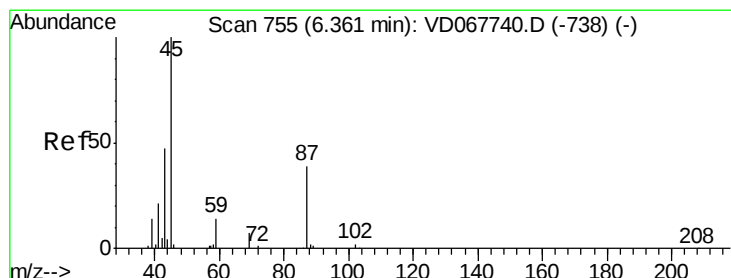
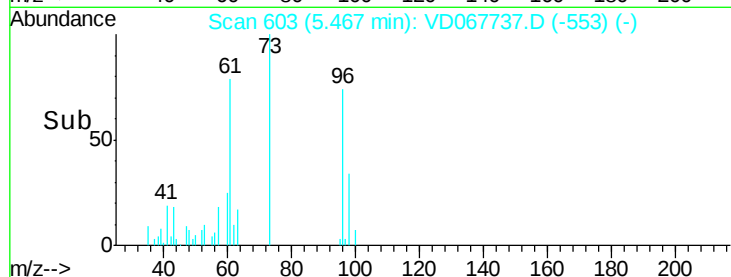
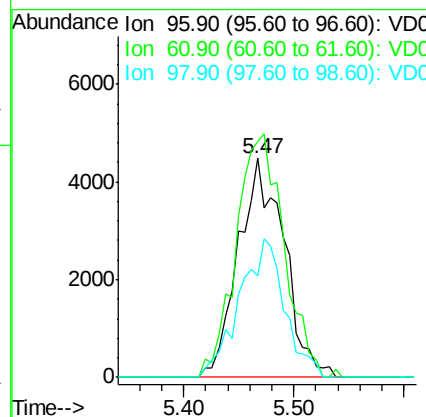
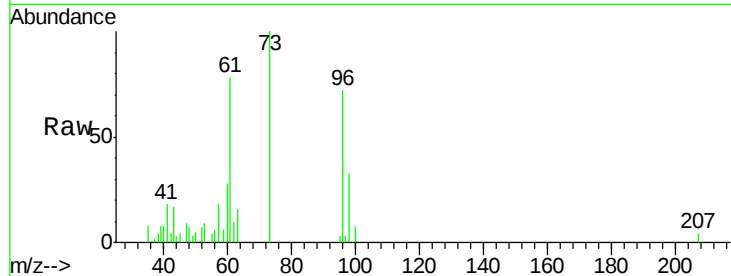
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	13014
Ion	Ratio	Lower	Upper
96	100		
61	108.0	94.0	141.0
98	46.6	51.3	76.9#

Manual Integrations
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#22

Diisopropyl ether

Concen: 4.513 ug/l

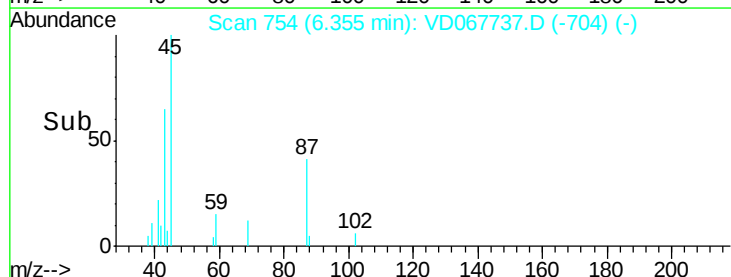
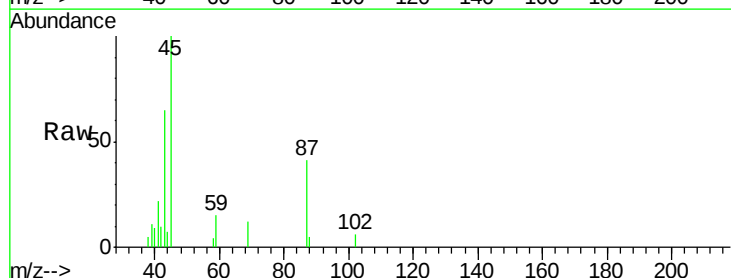
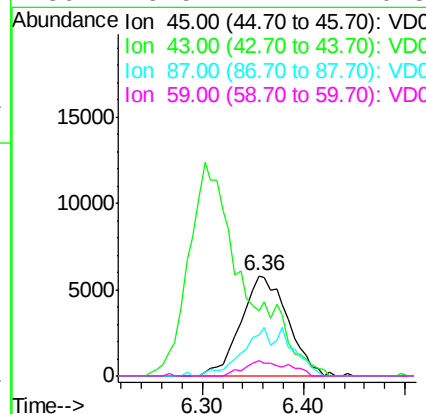
RT: 6.36 min Scan# 754

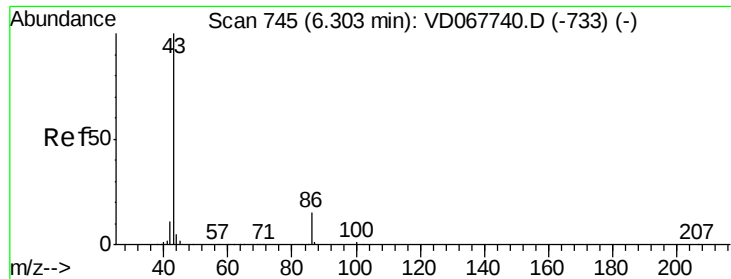
Delta R.T. -0.01 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Tgt Ion:	45	Resp:	18644
Ion	Ratio	Lower	Upper
45	100		
43	65.2	46.8	70.2
87	41.0	32.9	49.3
59	15.5	11.2	16.8





#23

Vinyl Acetate

Concen: 20.087 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 47119

Ion Ratio Lower Upper

43 100

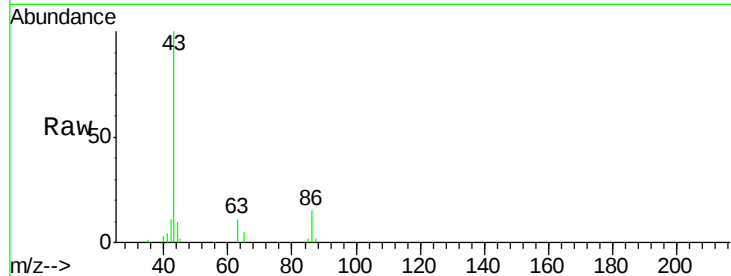
86 15.4 11.7 17.5

Manual Integrations

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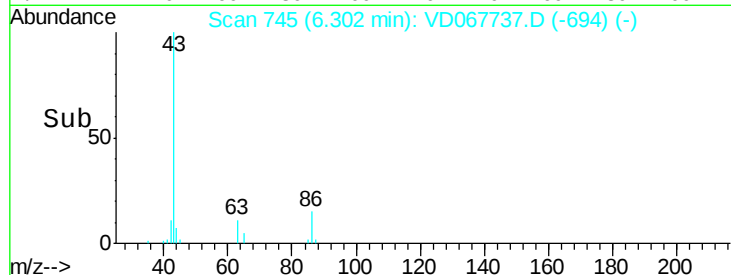
MMDadoda

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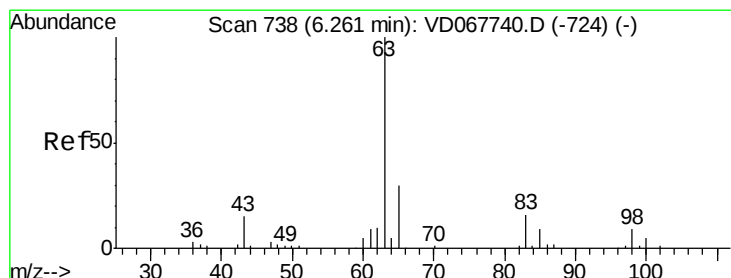


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 4.737 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

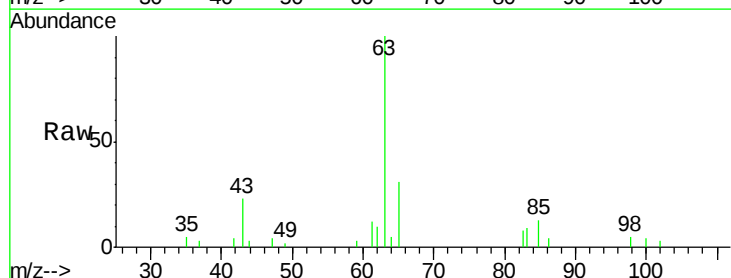
Tgt Ion: 63 Resp: 16935

Ion Ratio Lower Upper

63 100

98 4.8 4.4 13.2

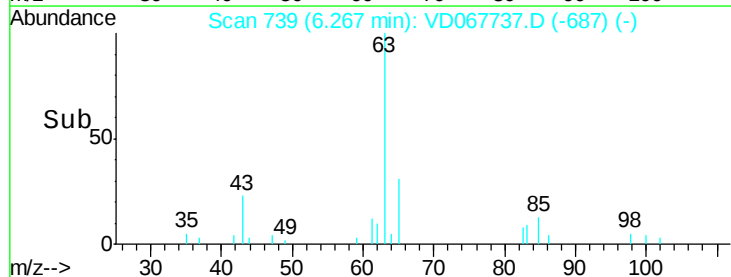
100 3.7 2.6 8.0



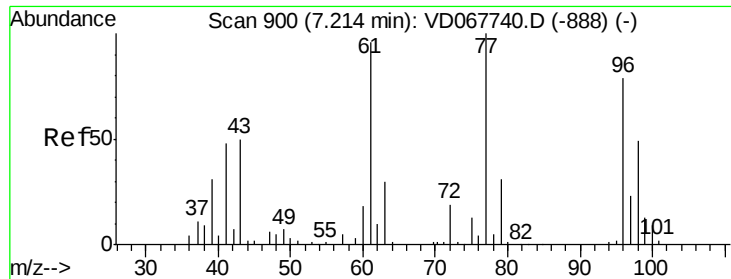
Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->



#25

2-Butanone

Concen: 27.728 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 10155

Ion Ratio Lower Upper

43 100

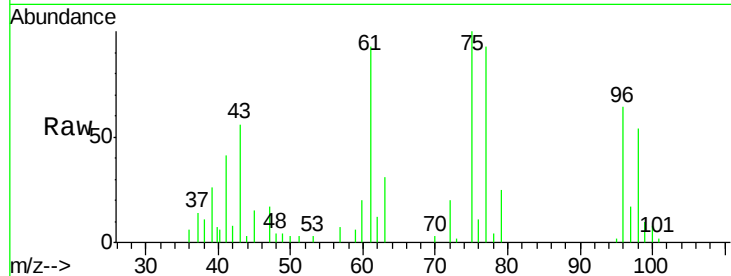
72 35.8 30.8 46.2

Manual Integrations

APPROVED

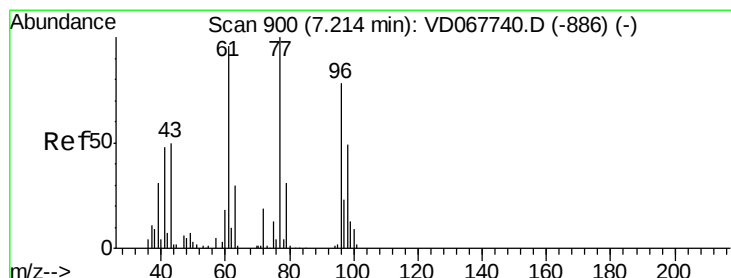
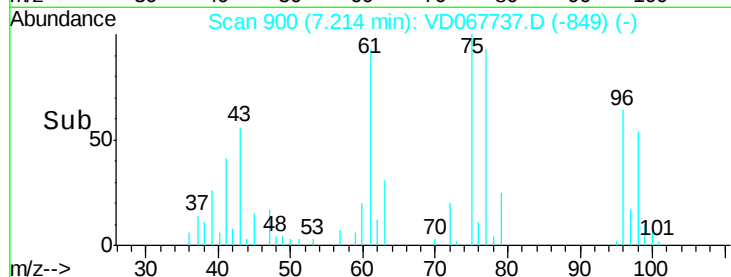
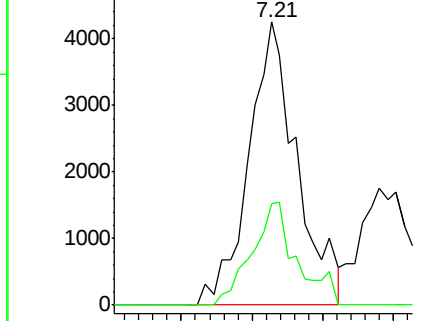
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 5.263 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067737.D

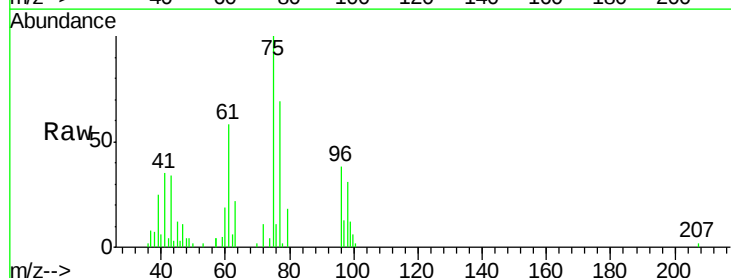
Acq: 23 Nov 2020 10:56

Tgt Ion: 77 Resp: 22032

Ion Ratio Lower Upper

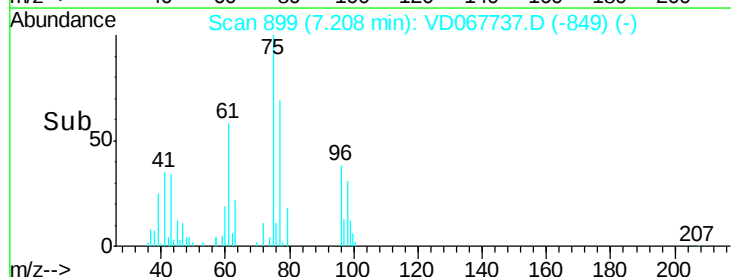
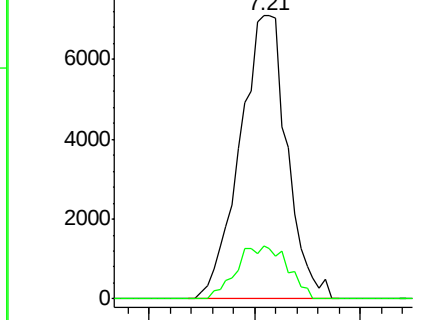
77 100

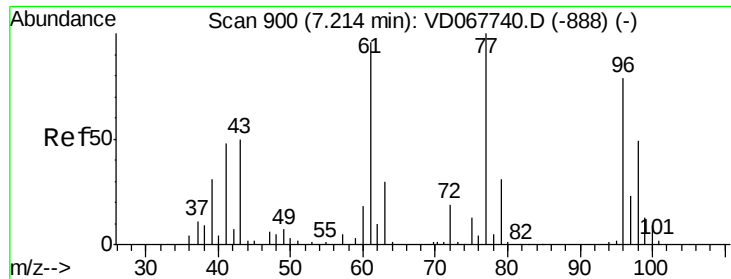
97 9.3 11.1 33.3#



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

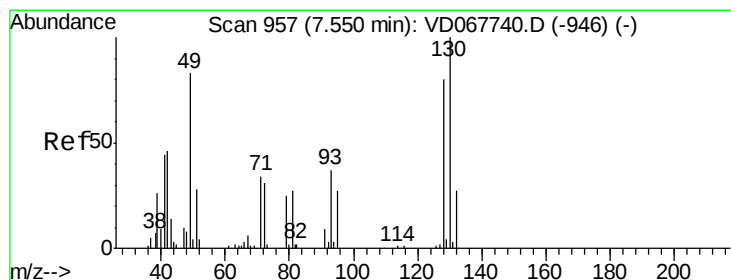
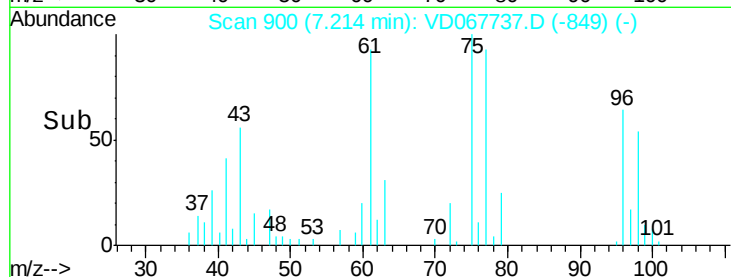
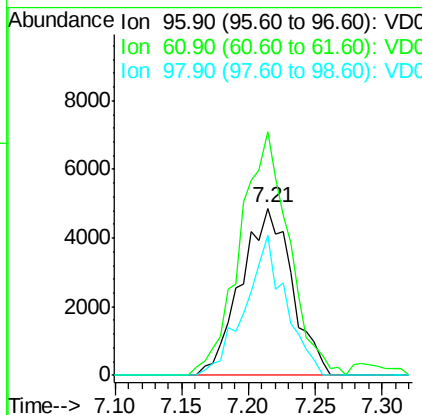
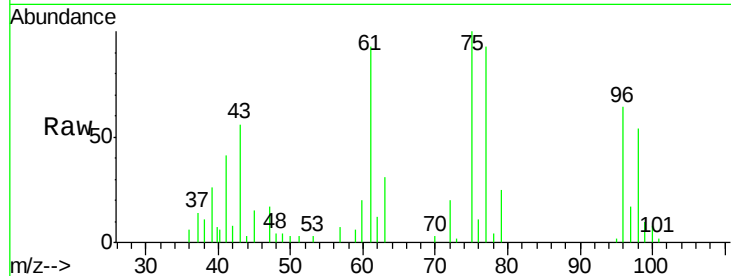
cis-1,2-Dichloroethene
Concen: 4.892 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	258.0
98	66.5	0.0	131.8

Manual Integrations
APPROVED

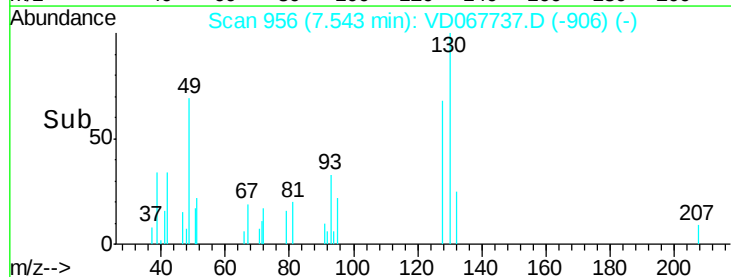
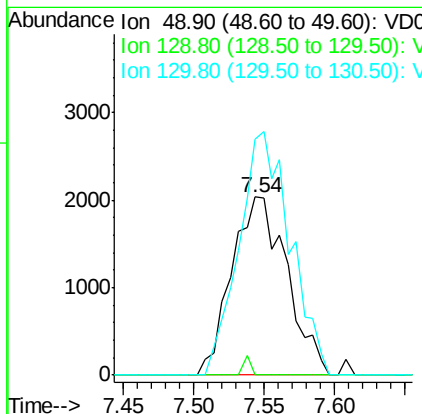
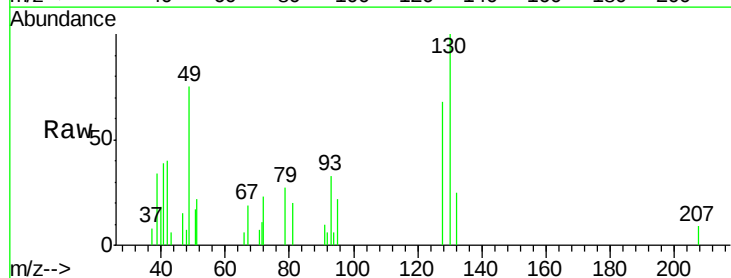
MMDadoda
11/24/2020 2:56:25 PM

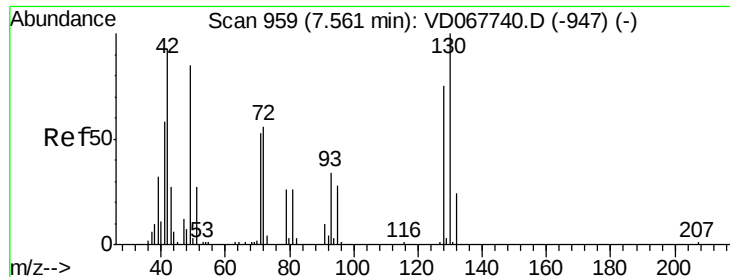


#28

Bromochloromethane
Concen: 4.875 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	7.0
130	127.3	102.2	153.4





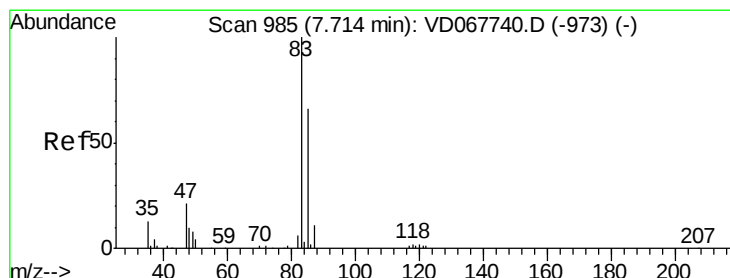
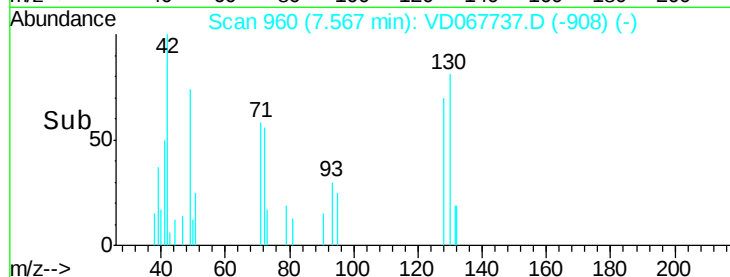
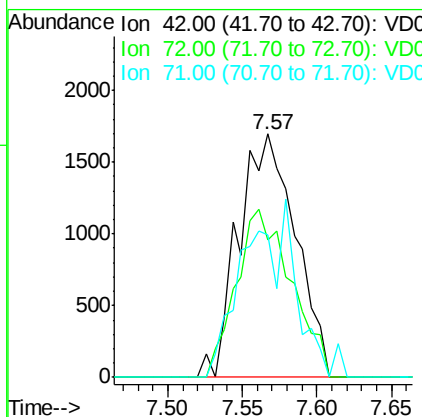
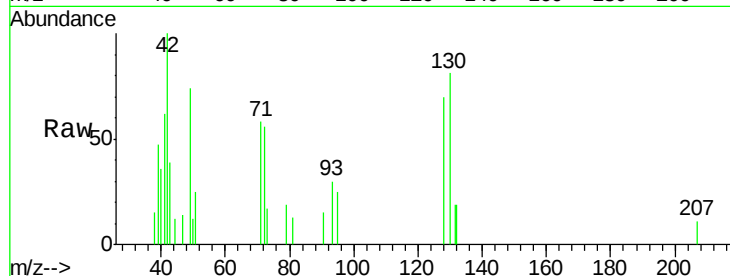
#29
Tetrahydrofuran
Concen: 20.952 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	66.8	49.3	73.9
71	43.0	45.9	68.9

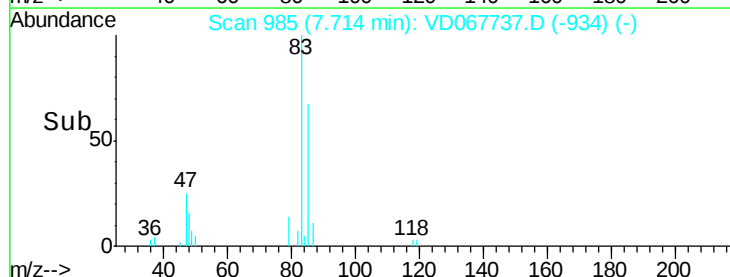
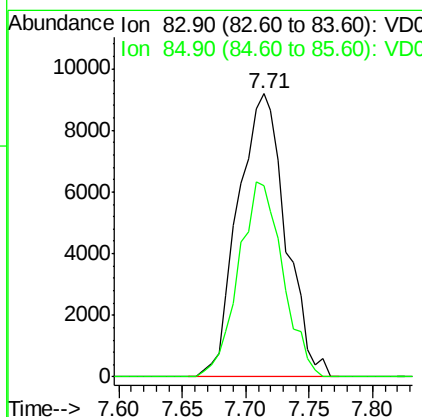
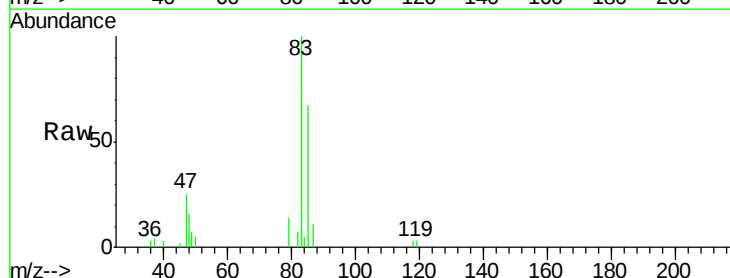
Manual Integrations
APPROVED

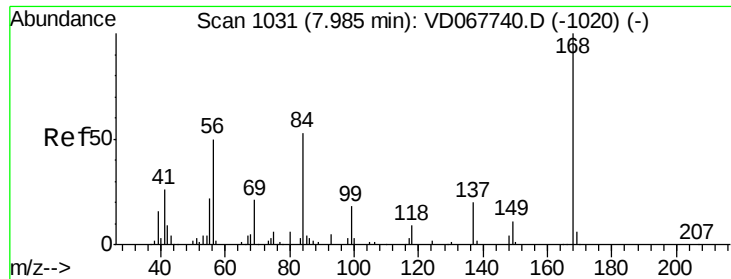
MMDadoda
11/24/2020 2:56:25 PM



#30
Chloroform
Concen: 5.190 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	53.1	79.7





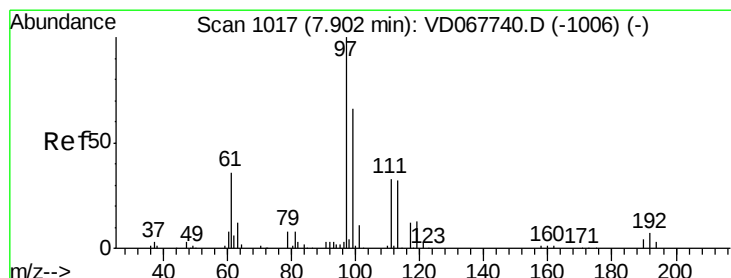
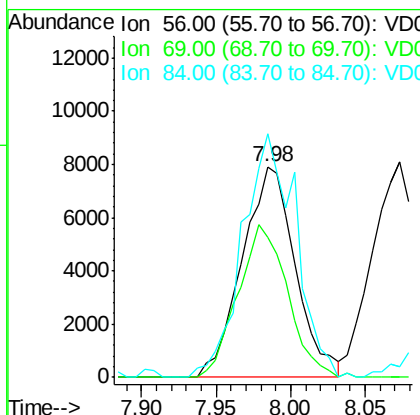
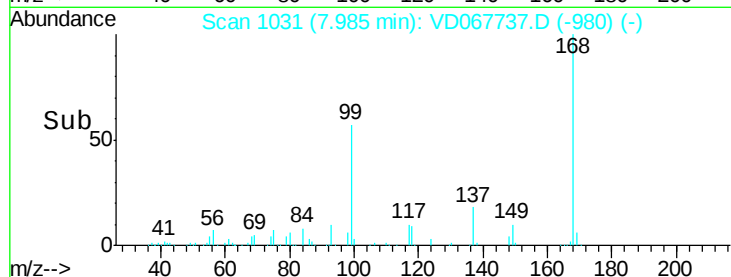
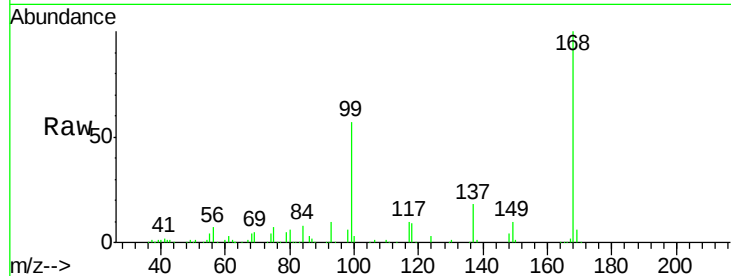
#31
Cyclohexane
Concen: 6.323 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	66.4	33.2	49.8#
84	115.4	84.8	127.2

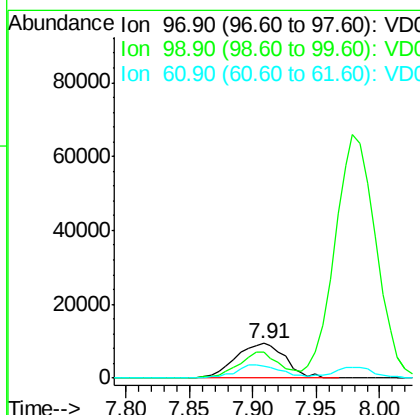
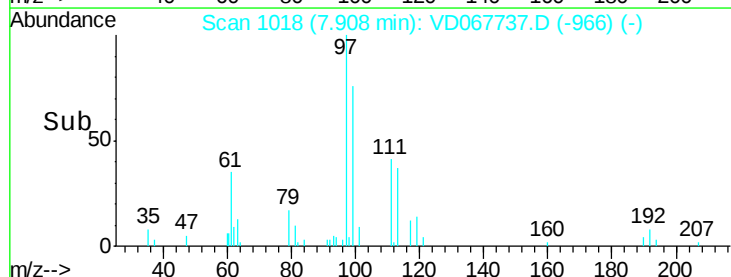
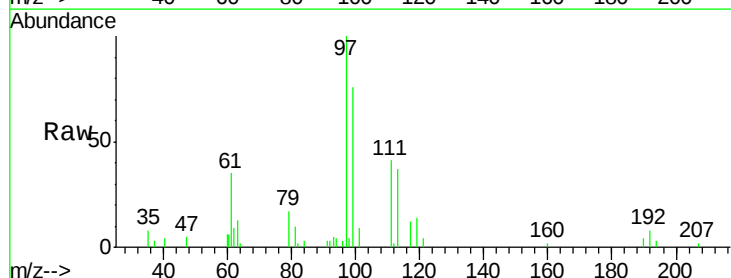
Manual Integrations
APPROVED

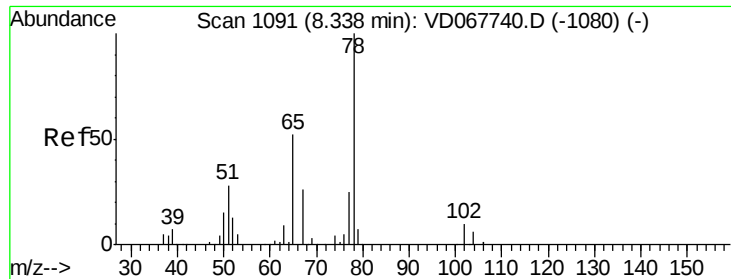
MMDadoda
11/24/2020 2:56:25 PM



#32
1,1,1-Trichloroethane
Concen: 5.139 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	35.1	29.4	44.2





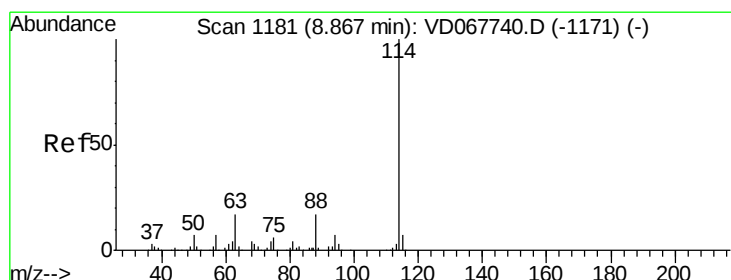
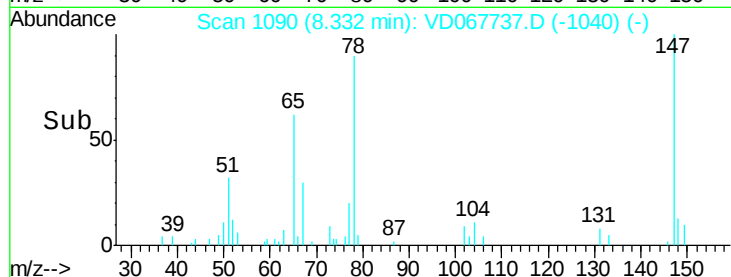
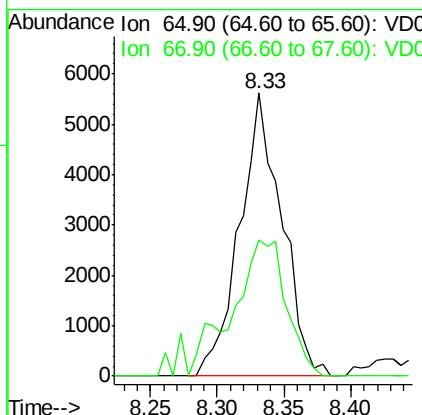
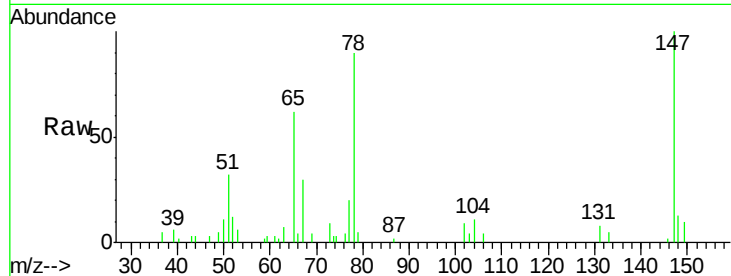
#33
 1,2-Dichloroethane-d4
 Concen: 4.729 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	12247		
67	52.1	0.0	101.0	

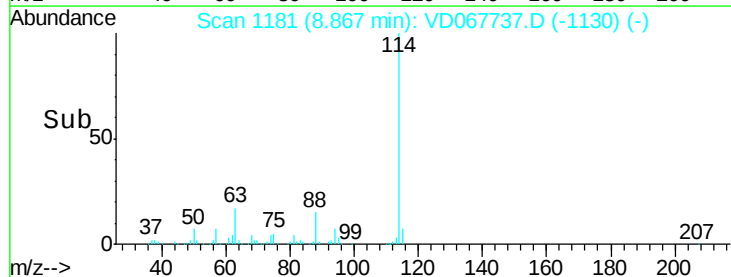
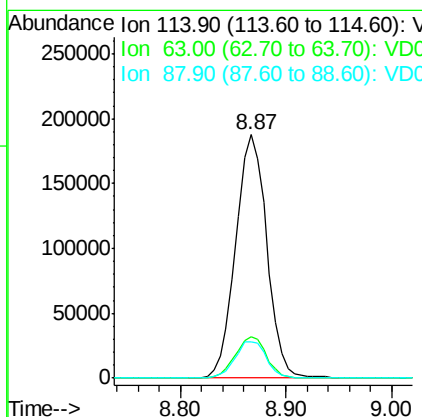
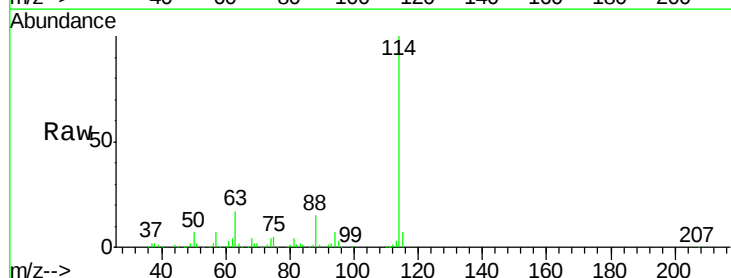
Manual Integrations
 APPROVED

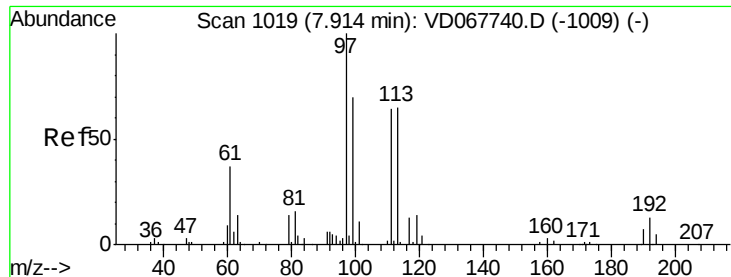
MMDadoda
 11/24/2020 2:56:25 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	384173		
63	17.0	0.0	34.8	
88	14.9	0.0	34.4	





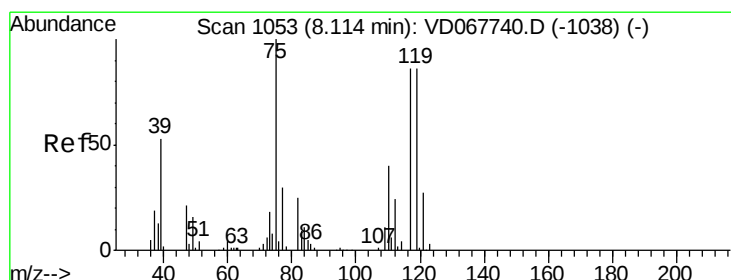
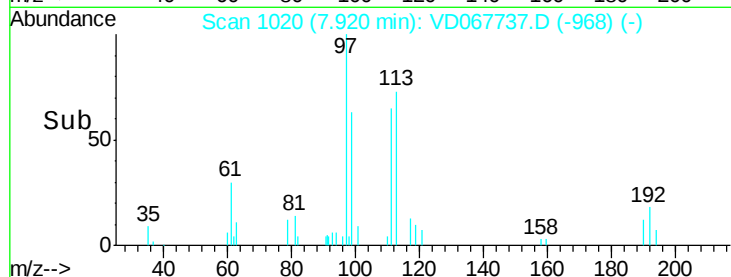
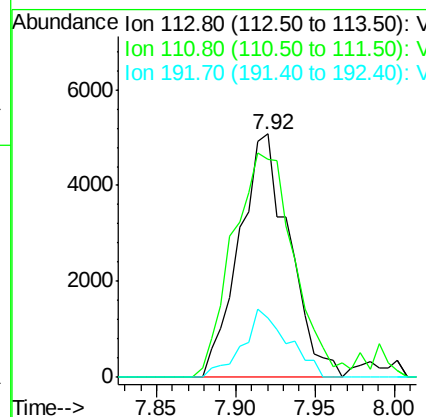
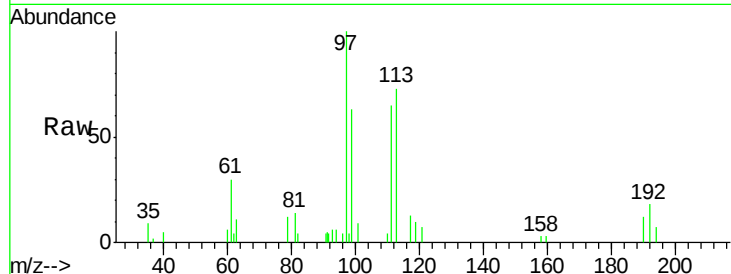
#35
Dibromofluoromethane
Concen: 4.527 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	113.3	81.4	122.0
192	25.3	17.0	25.4

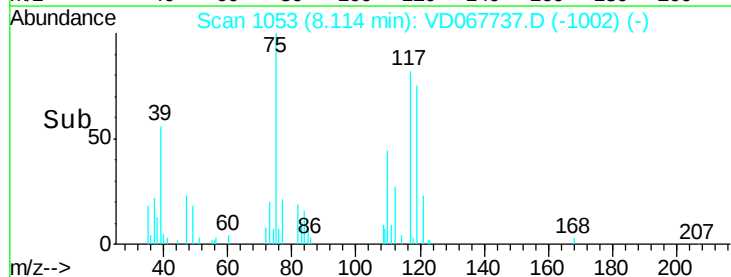
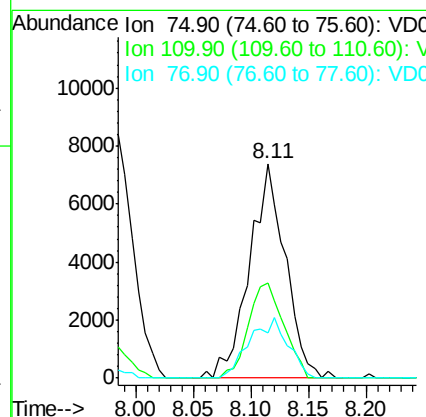
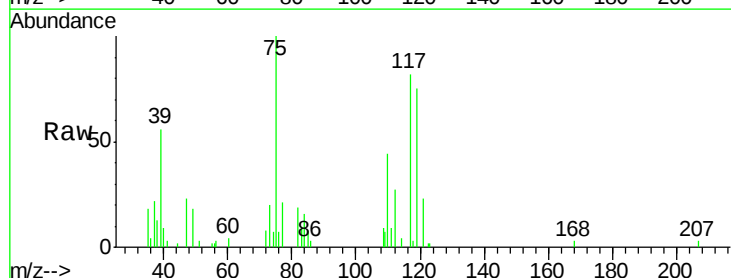
Manual Integrations
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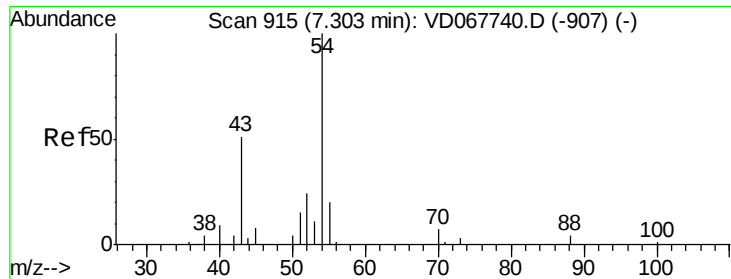
MMDadoda
11/24/2020 2:56:25 PM



#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	43.6	20.1	60.2
77	30.2	24.8	37.2





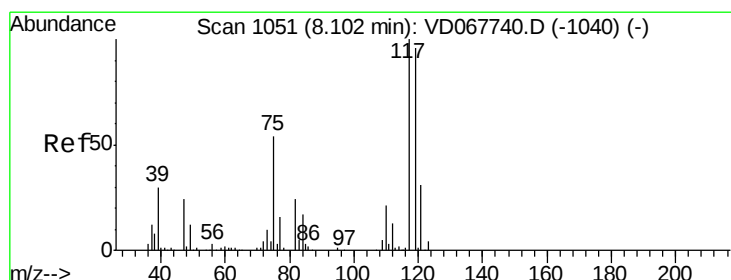
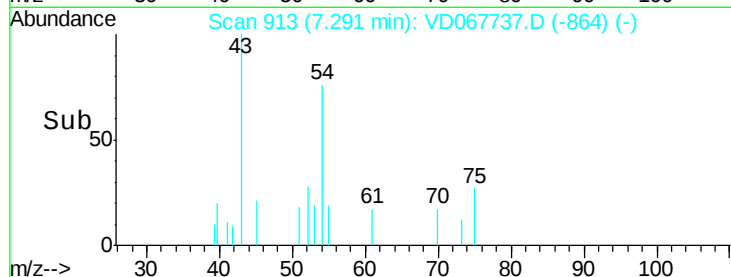
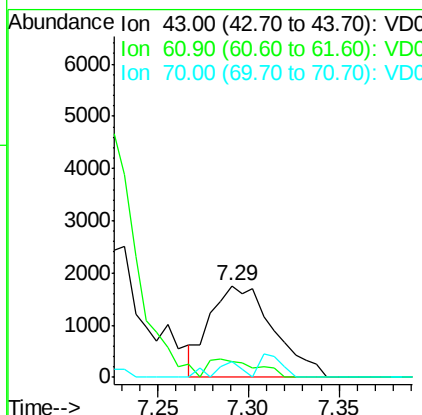
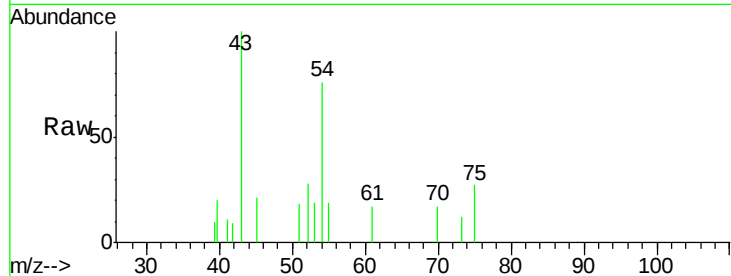
#37
Ethyl Acetate
Concen: 4.889 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.9	19.3
70	6.9	12.2	18.2

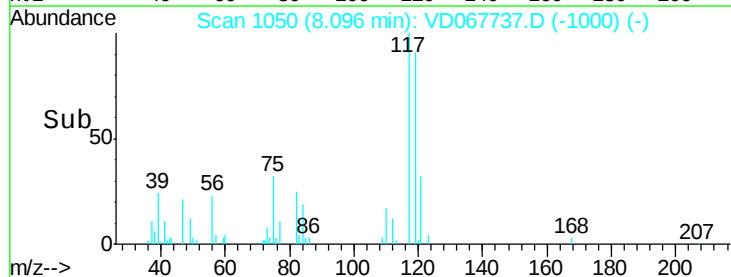
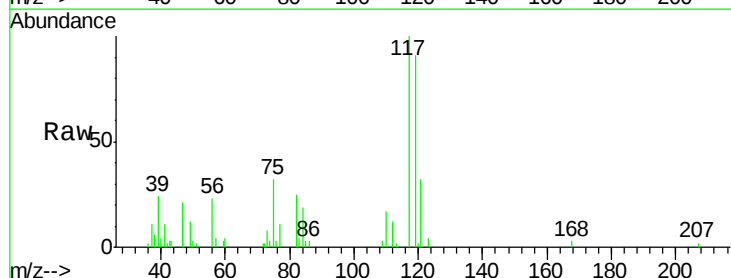
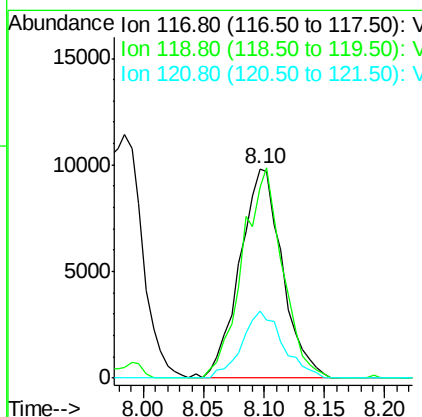
Manual Integrations
APPROVED

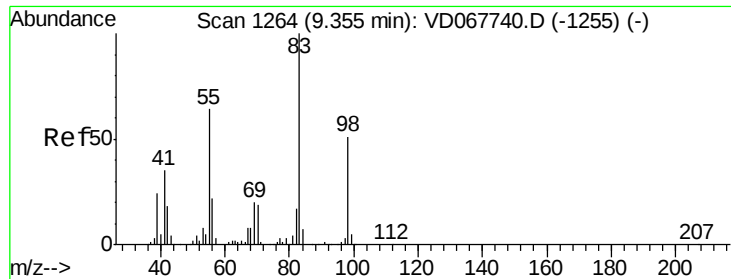
MMDadoda
11/24/2020 2:56:25 PM



#38
Carbon Tetrachloride
Concen: 4.931 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.3	76.6	115.0
121	31.6	24.5	36.7





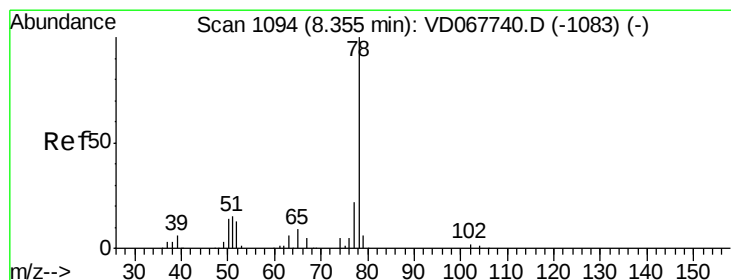
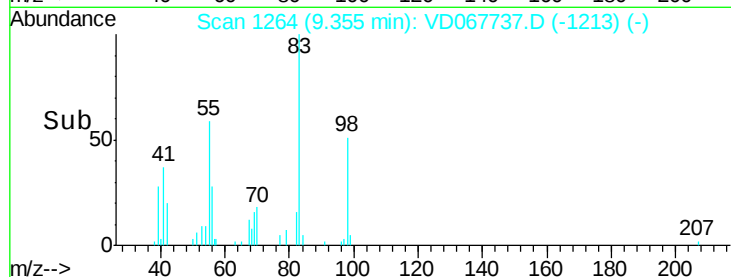
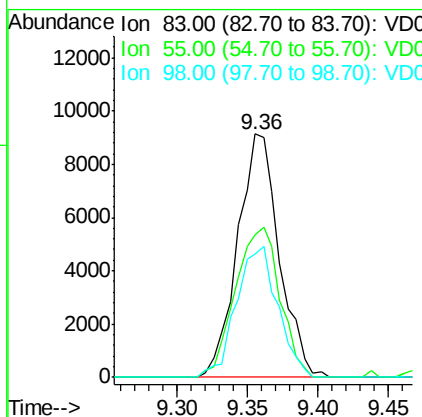
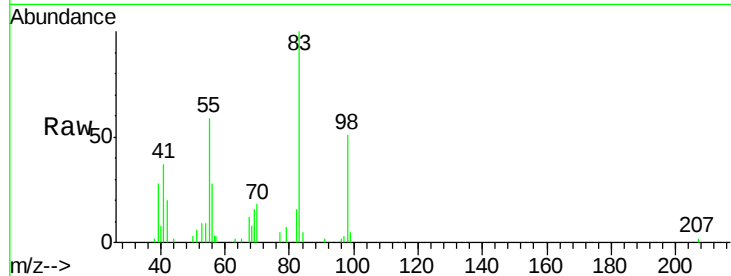
#39
Methvlcvclohexane
Concen: 4.782 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	58.6	51.0	76.4
98	50.9	40.4	60.6

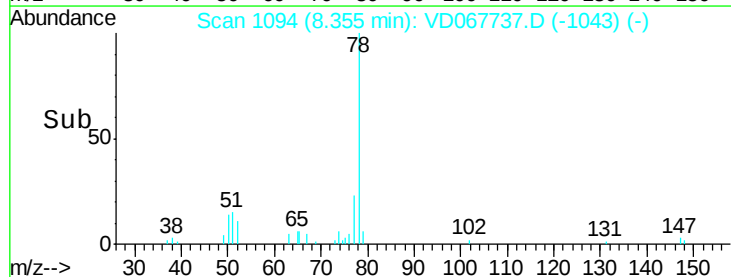
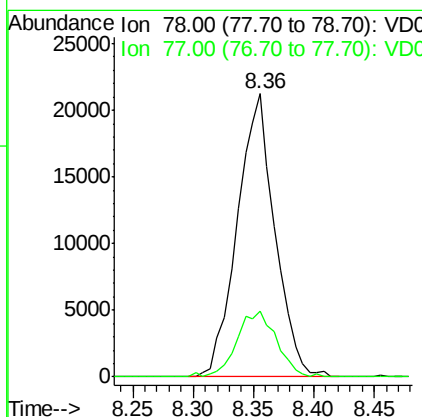
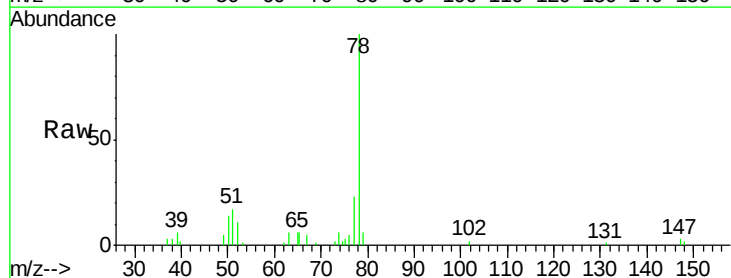
Manual Integrations
APPROVED

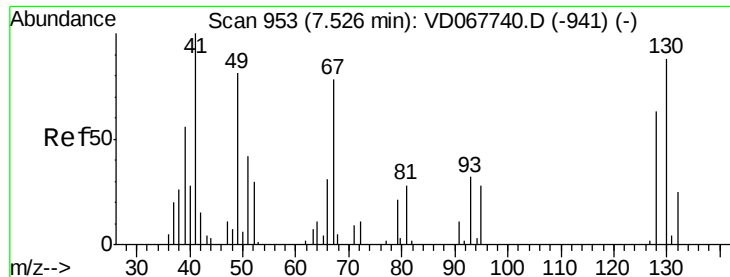
MMDadoda
11/24/2020 2:56:25 PM



#40
Benzene
Concen: 5.011 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	17.8	26.6





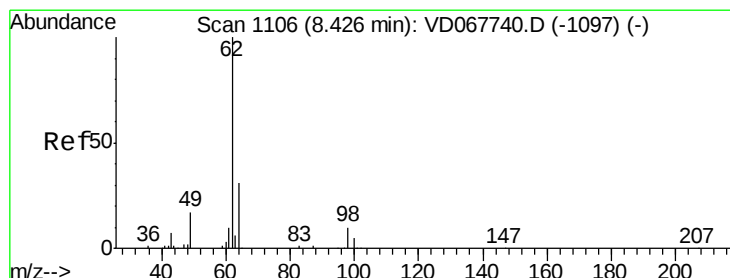
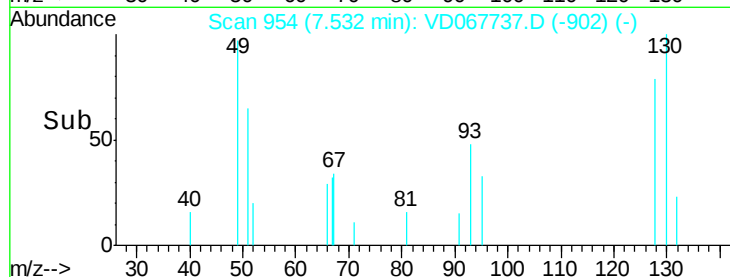
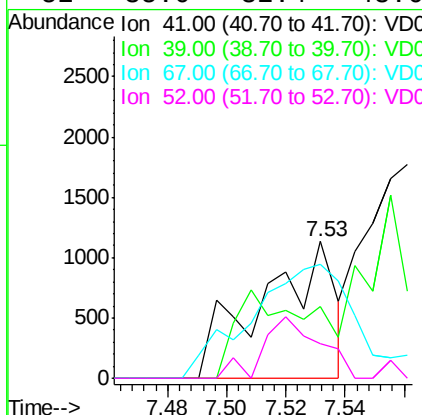
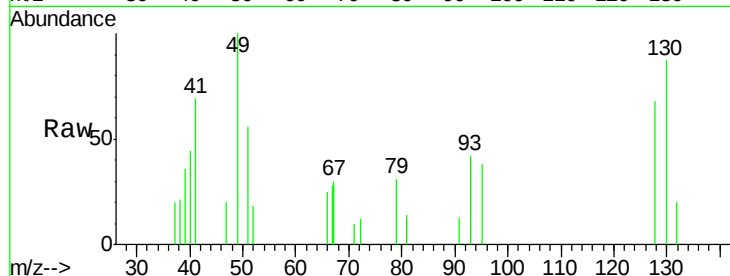
#41
Methacrylonitrile
Concen: 4.779 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	50.2	75.4#
67	120.1	79.0	118.6#
52	35.0	32.4	48.6

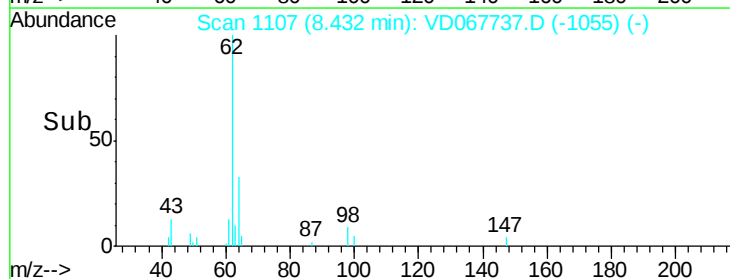
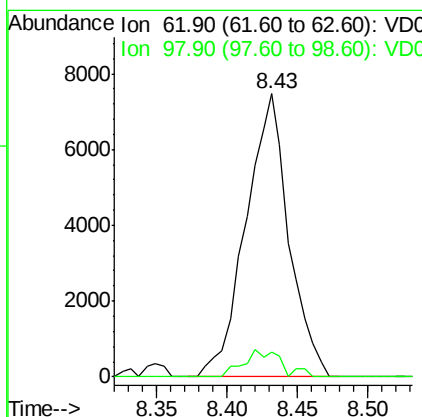
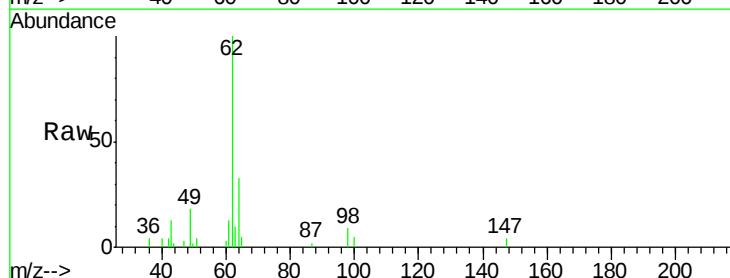
Manual Integrations
APPROVED

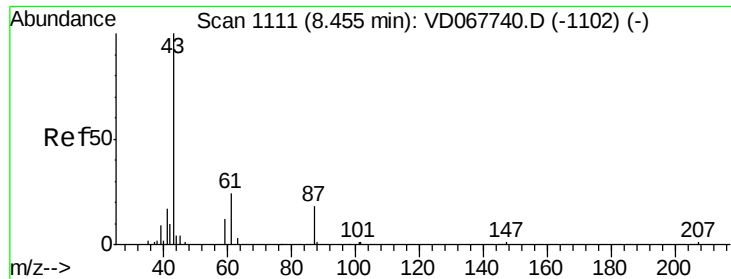
MMDadoda
11/24/2020 2:56:25 PM



#42
1,2-Dichloroethane
Concen: 5.170 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.2





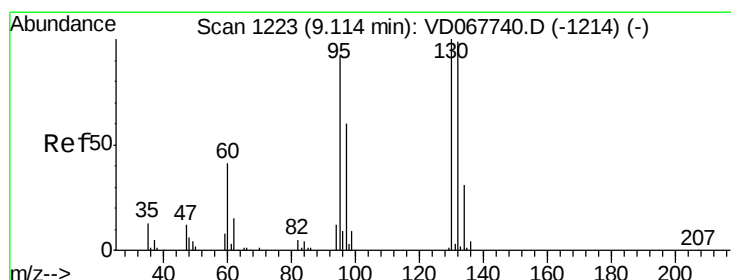
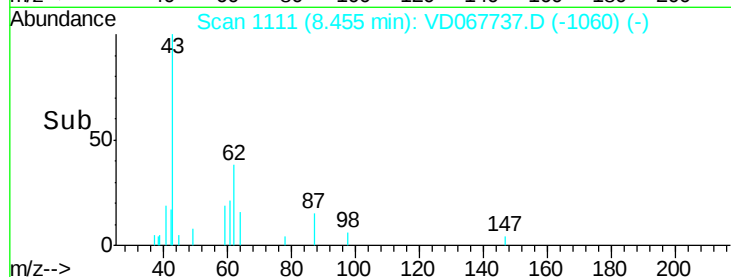
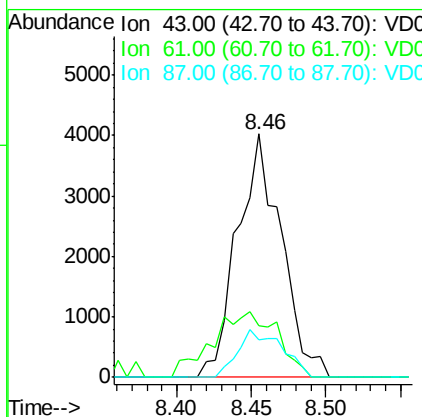
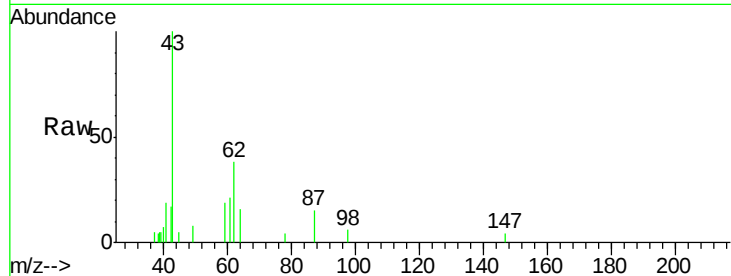
#43
Isopropyl Acetate
Concen: 4.656 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleID :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	40.1	30.2	45.4
87	19.7	14.2	21.4

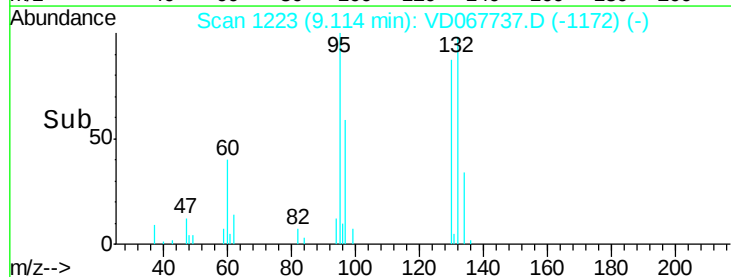
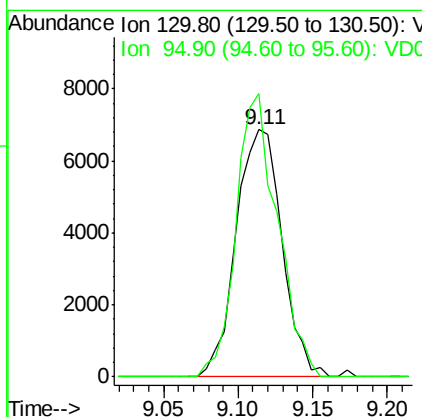
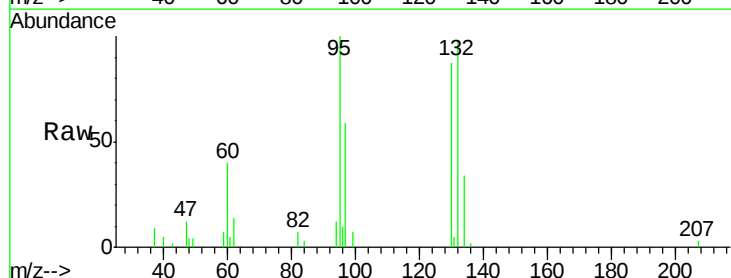
Manual Integrations
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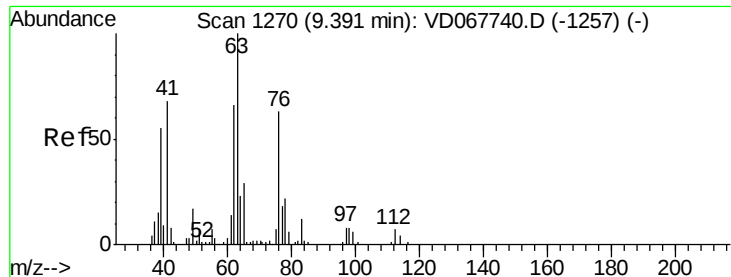
MMDadoda
11/24/2020 2:56:25 PM



#44
Trichloroethene
Concen: 4.797 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	114.6	0.0	184.2





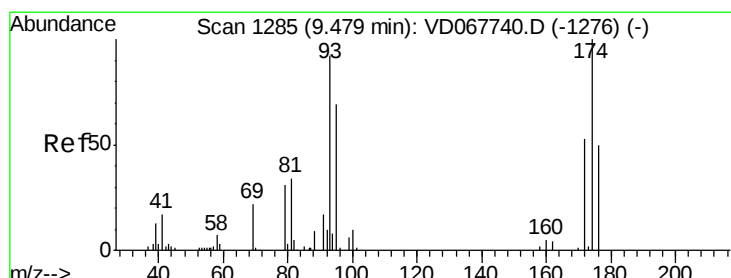
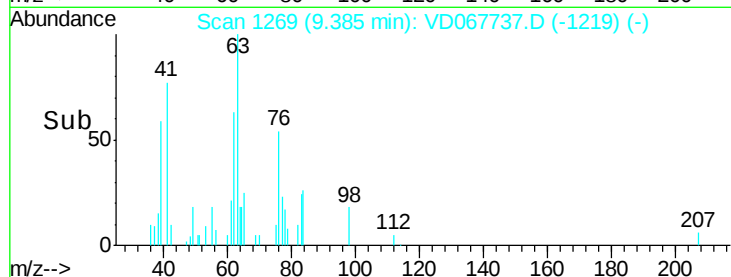
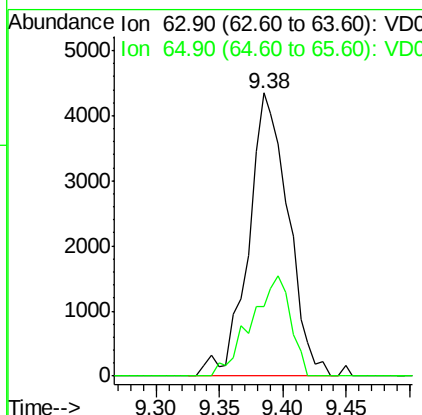
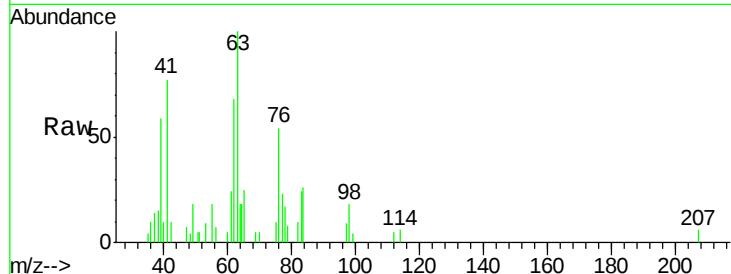
#45
 1,2-Dichloropropane
 Concen: 5.073 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 9460
 Ion Ratio Lower Upper
 63 100
 65 24.6 23.1 34.7

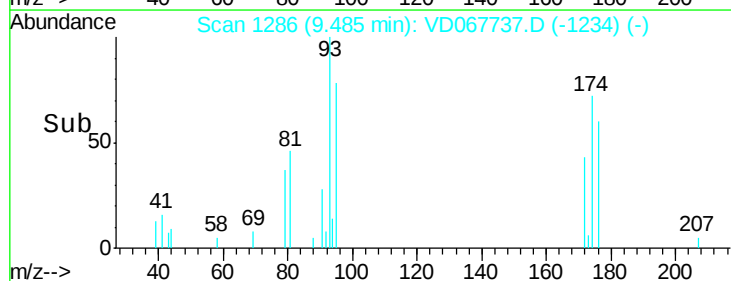
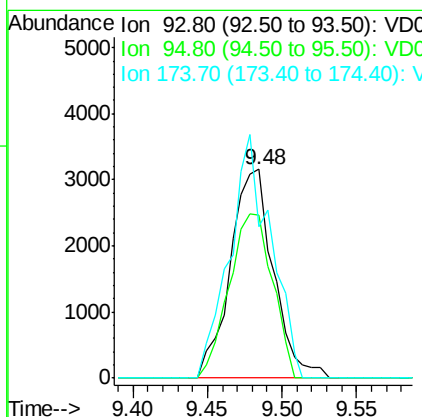
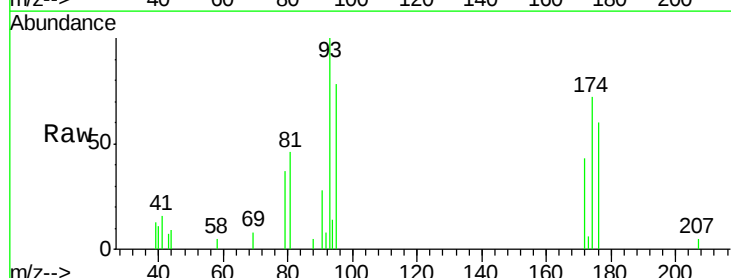
Manual Integrations
 APPROVED

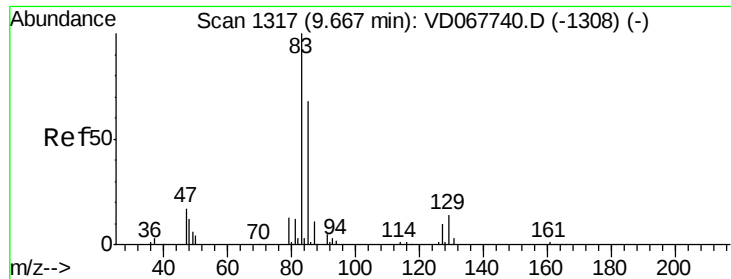
MMDadoda
 11/24/2020 2:56:25 PM



#46
 Dibromomethane
 Concen: 5.075 ug/l
 RT: 9.48 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Tgt Ion: 93 Resp: 6357
 Ion Ratio Lower Upper
 93 100
 95 79.0 63.4 95.2
 174 110.6 89.6 134.4





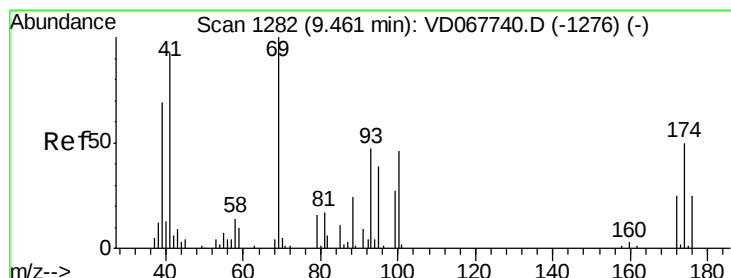
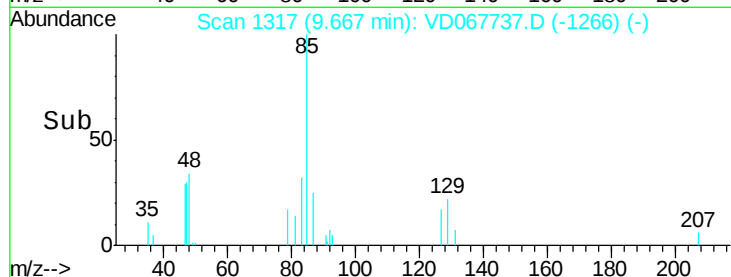
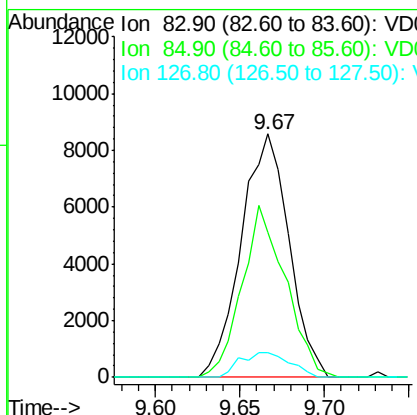
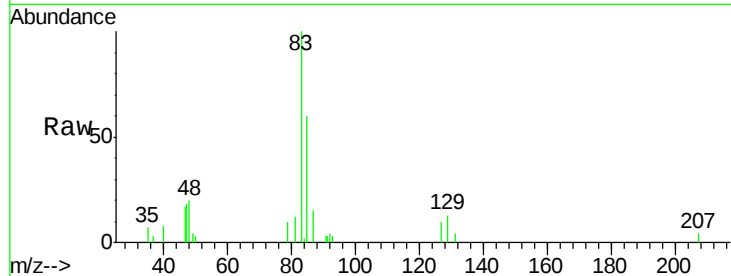
#47
Bromodichloromethane
Concen: 4.767 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	16877
Ion Ratio	100	Lower	Upper
83	100		
85	59.5	54.2	81.2
127	10.1	7.6	11.4

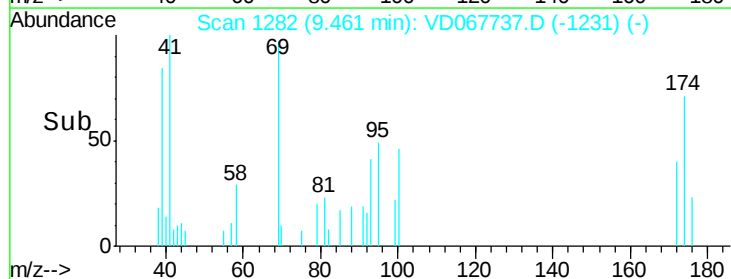
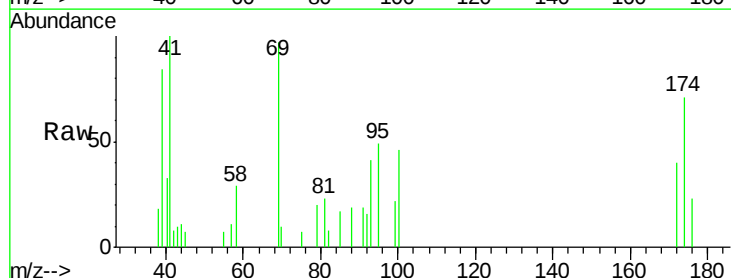
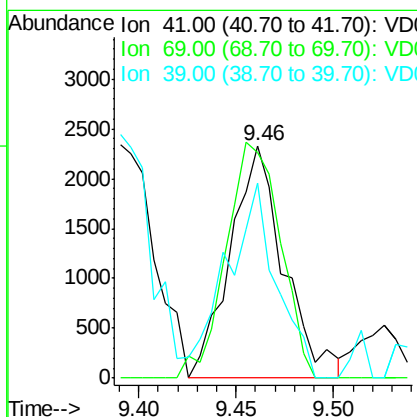
Manual Integrations
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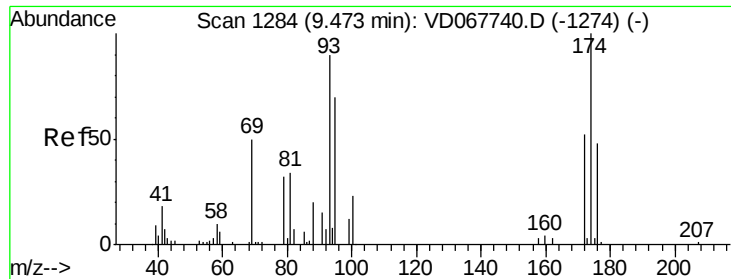
MMDadoda
11/24/2020 2:56:25 PM



#48
Methyl methacrylate
Concen: 5.061 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	41	Resp	4432
Ion Ratio	100	Lower	Upper
41	100		
69	103.0	87.8	131.6
39	77.4	60.5	90.7





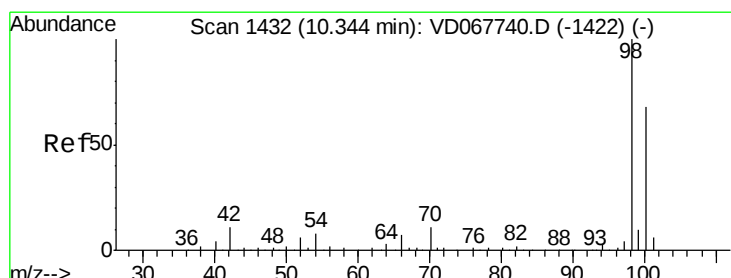
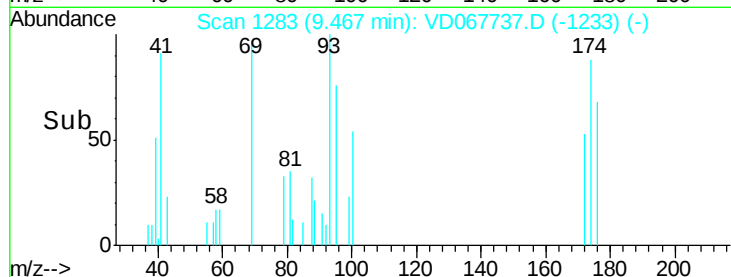
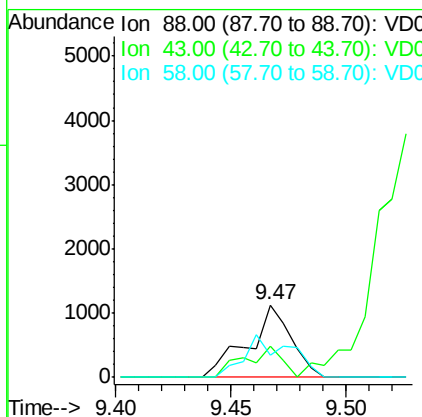
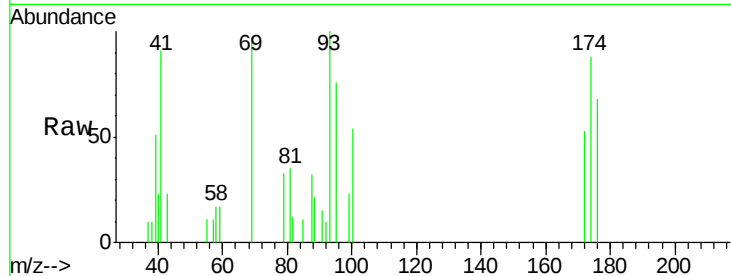
#49
1,4-Dioxane
Concen: 107.622 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	88	Resp	1462
Ion	Ratio	Lower	Upper
88	100		
43	37.5	25.2	37.8
58	61.9	48.2	72.2

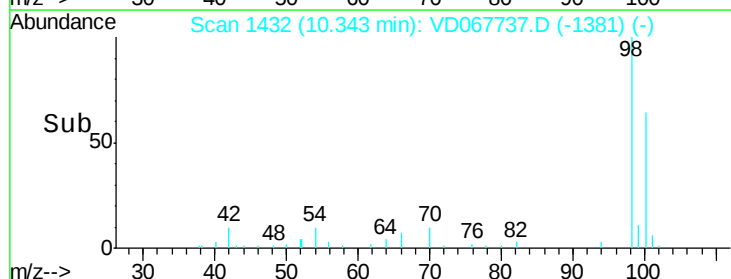
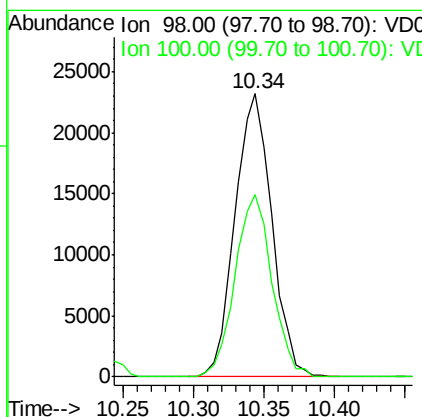
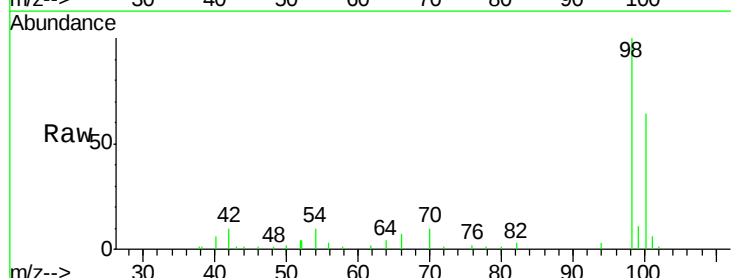
Manual Integrations
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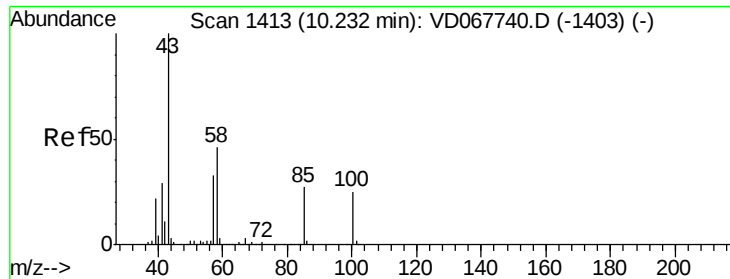
MMDadoda
11/24/2020 2:56:25 PM



#50
Toluene-d8
Concen: 4.750 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	98	Resp	42400
Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 22.792 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

ClientSampleID :

VSTDIC005

Tot Ion: 43 Resp: 18800

Ion Ratio Lower Upper

43 100

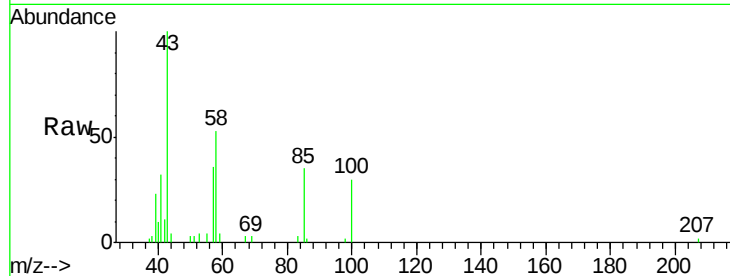
58 50.2 34.7 52.1

Manual Integrations

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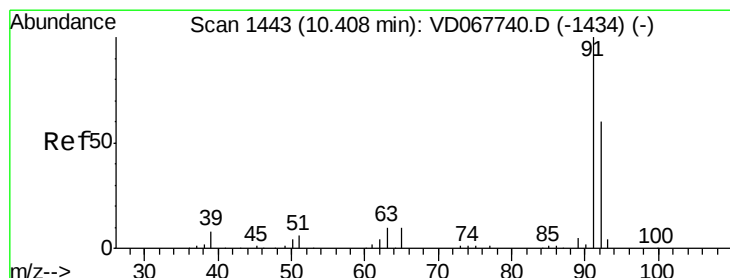
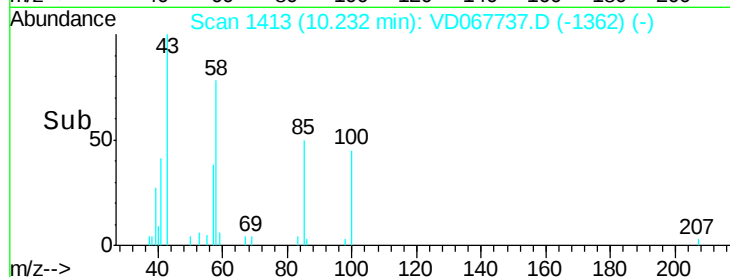
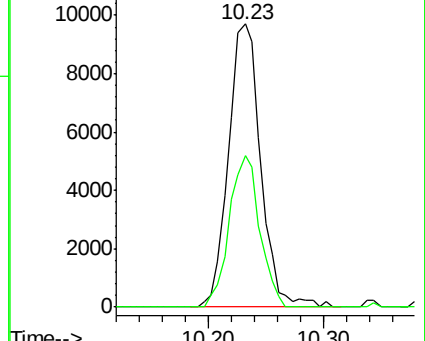
MMDadoda

11/24/2020 2:56:25 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 4.756 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067737.D

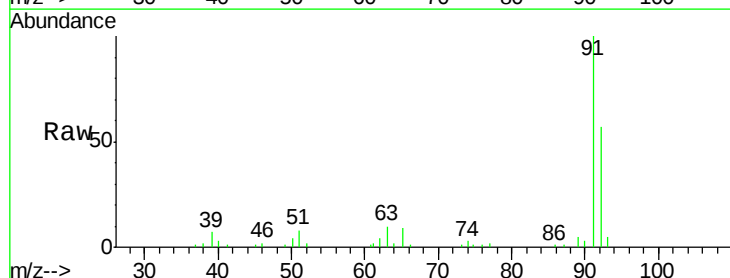
Acq: 23 Nov 2020 10:56

Tgt Ion: 92 Resp: 29425

Ion Ratio Lower Upper

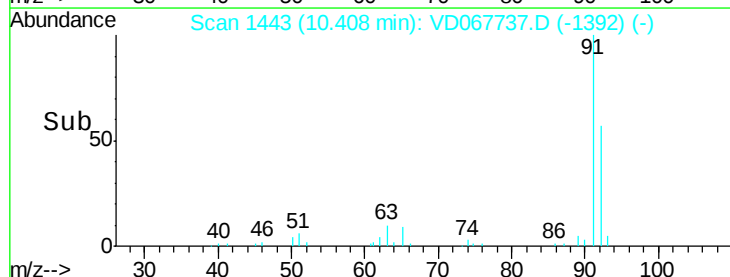
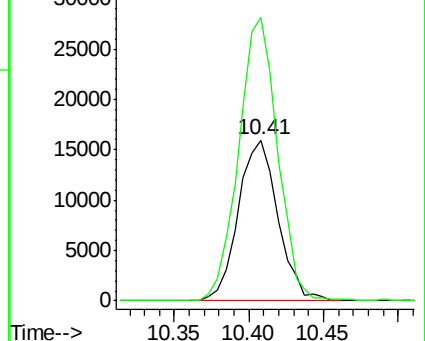
92 100

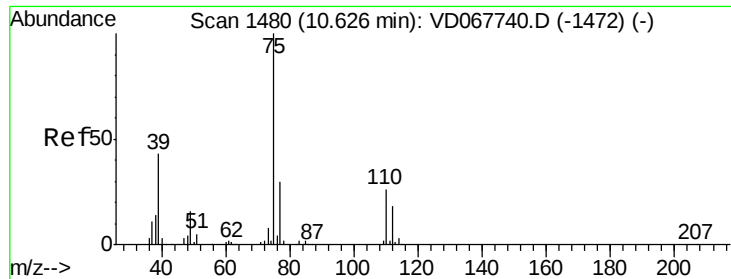
91 172.7 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





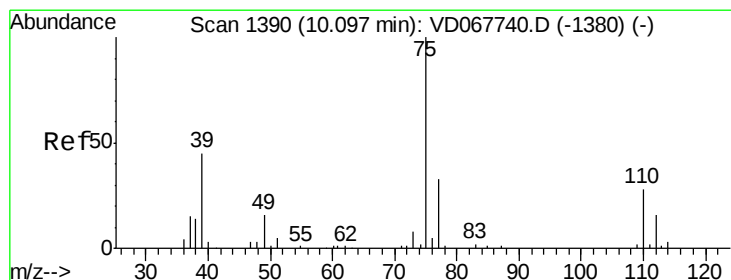
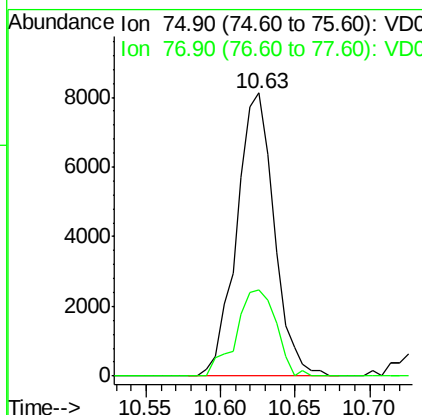
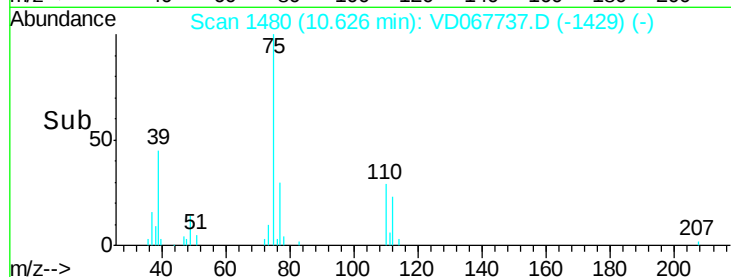
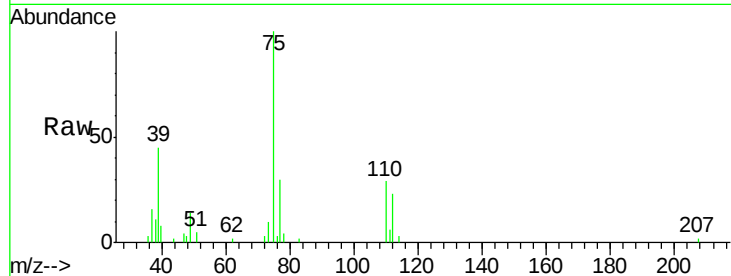
#53
t-1,3-Dichloropropene
Concen: 4.603 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 14192
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.4

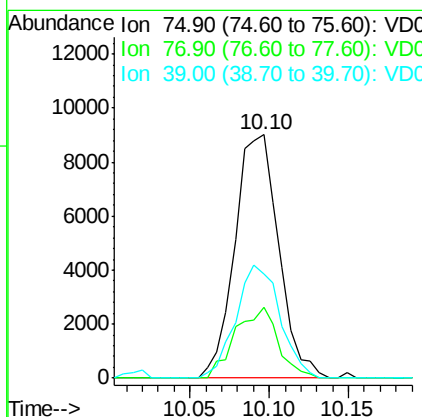
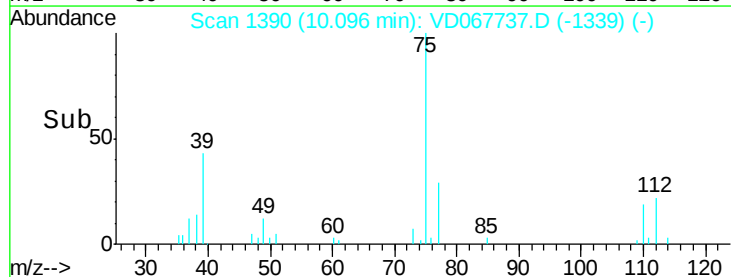
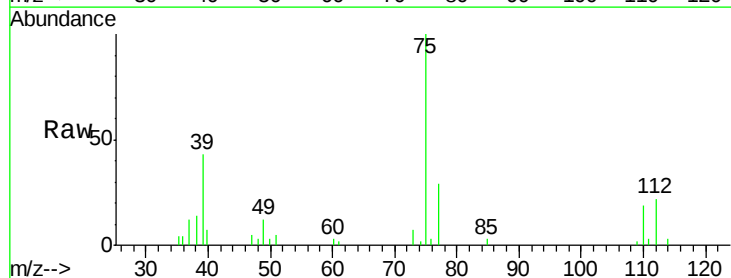
Manual Integrations
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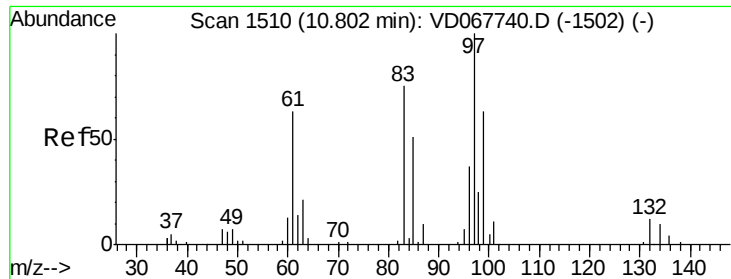
MMDadoda
11/24/2020 2:56:25 PM



#54
cis-1,3-Dichloropropene
Concen: 4.965 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion: 75 Resp: 17332
Ion Ratio Lower Upper
75 100
77 29.0 26.1 39.1
39 43.0 35.8 53.6





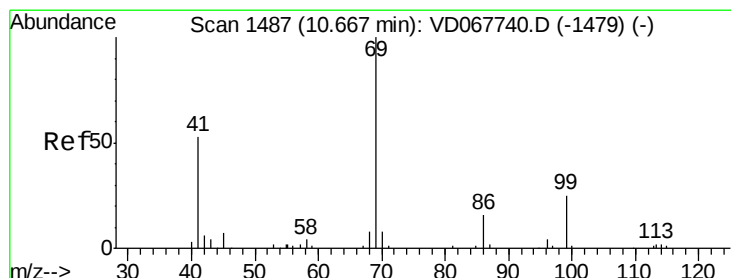
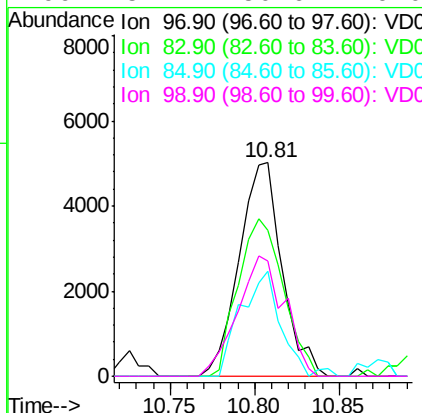
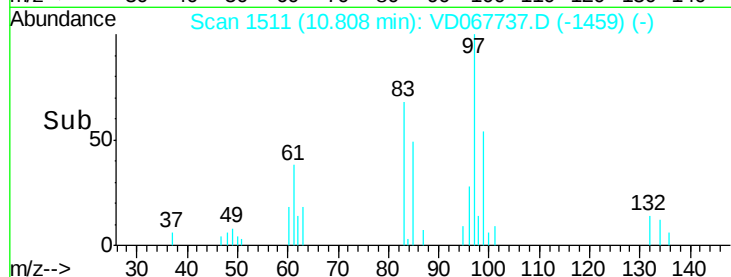
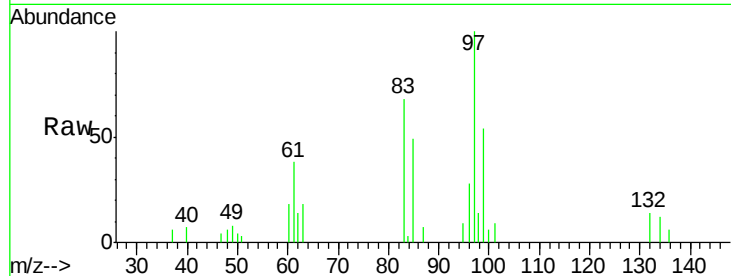
#55
 1,1,2-Trichloroethane
 Concen: 5.216 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	8870
Ion	Ratio	Lower	Upper
97	100		
83	68.4	60.2	90.4
85	49.2	40.5	60.7
99	54.2	50.6	76.0

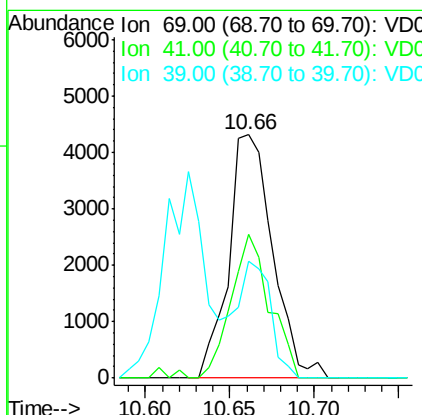
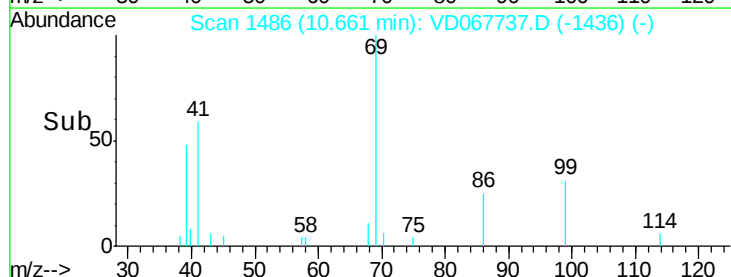
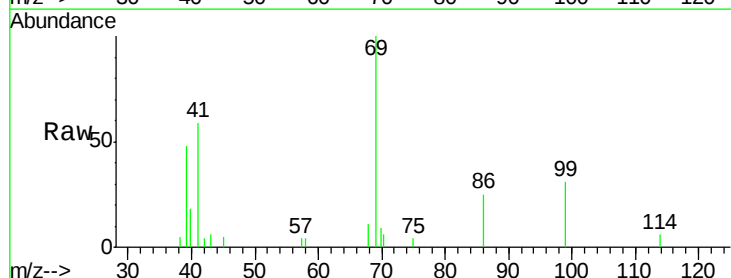
Manual Integrations
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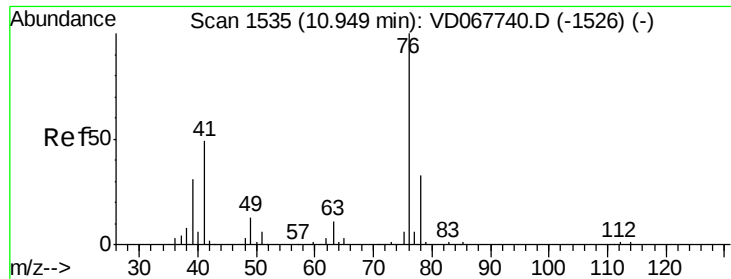
MMDadoda
 11/24/2020 2:56:25 PM



#56
 Ethyl methacrylate
 Concen: 4.442 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Tgt Ion:	69	Resp:	7807
Ion	Ratio	Lower	Upper
69	100		
41	51.6	43.4	65.0
39	39.1	29.6	44.4





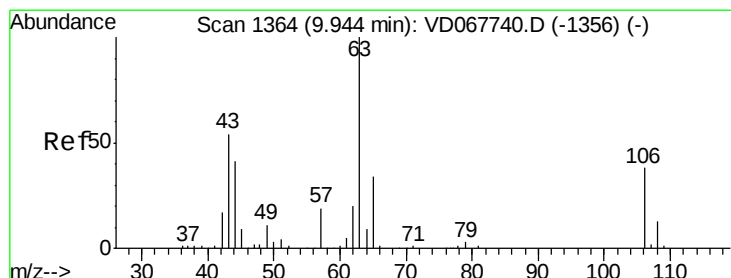
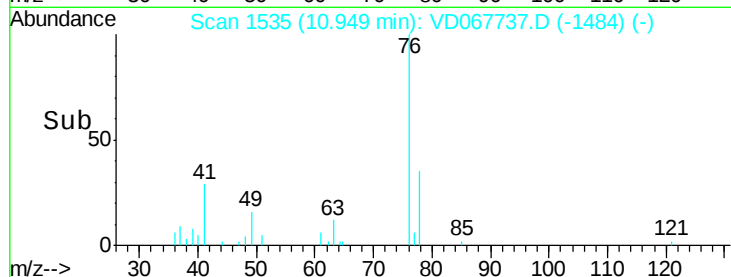
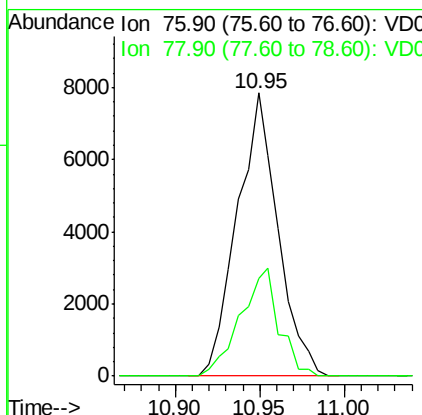
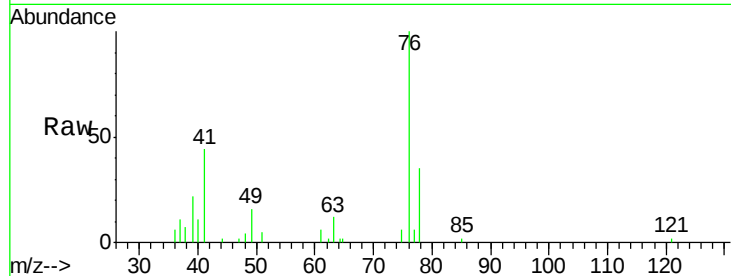
#57
 1,3-Dichloropropane
 Concen: 4.953 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion: 76 Resp: 13191
 Ion Ratio Lower Upper
 76 100
 78 36.0 25.7 38.5

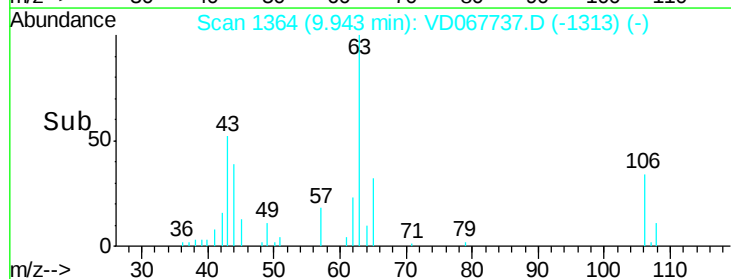
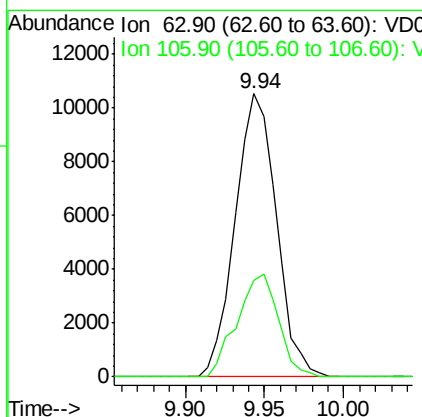
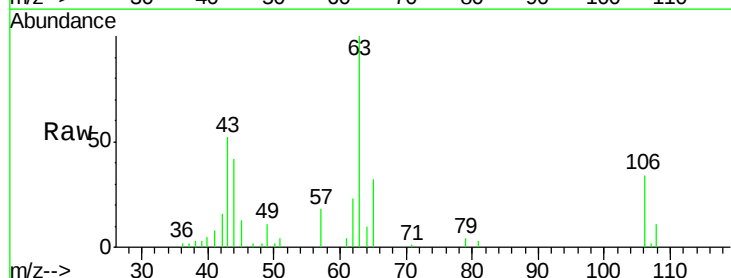
Manual Integrations
 APPROVED

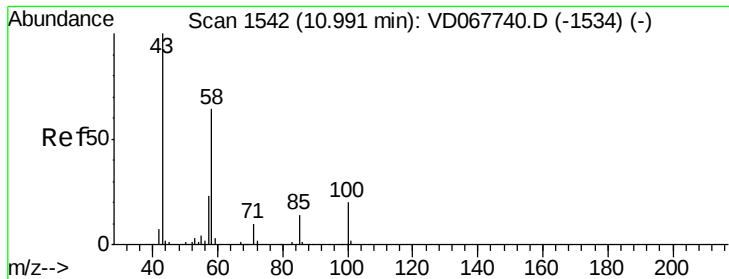
MMDadoda
 11/24/2020 2:56:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.193 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Tgt Ion: 63 Resp: 19034
 Ion Ratio Lower Upper
 63 100
 106 36.3 31.0 46.6





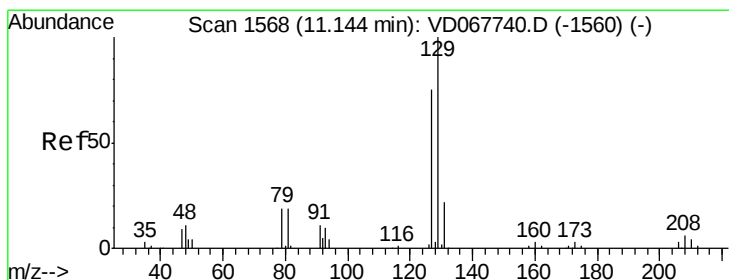
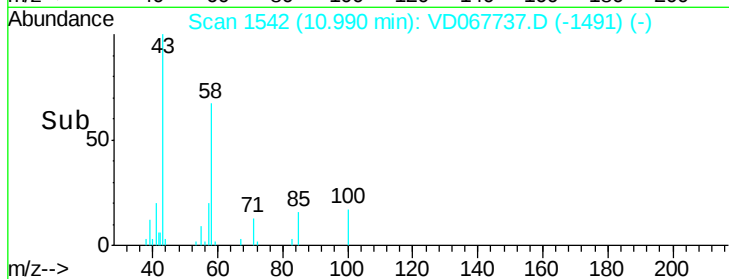
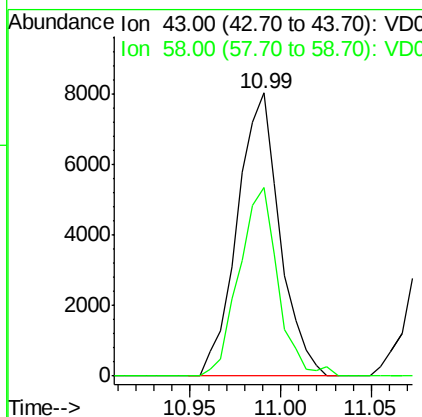
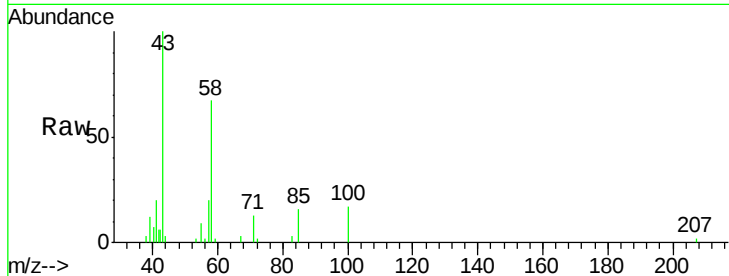
#59
2-Hexanone
Concen: 22.227 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.9	30.5	91.5

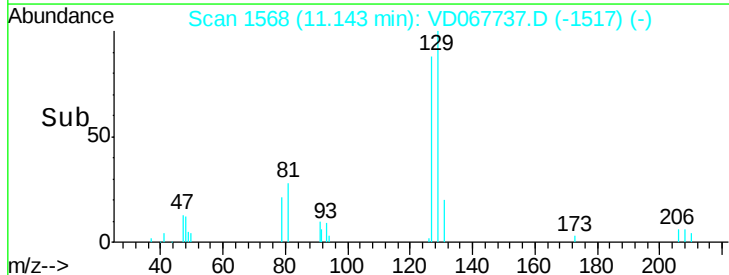
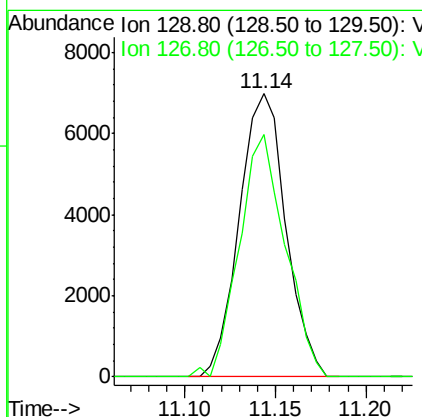
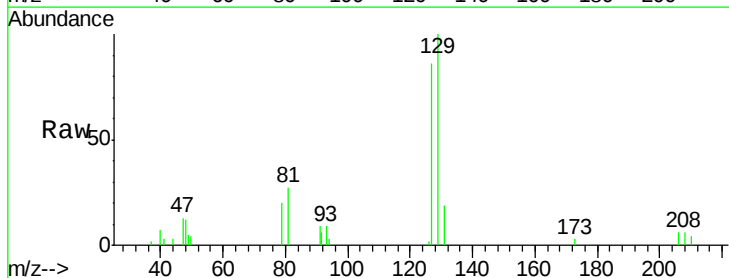
Manual Integrations
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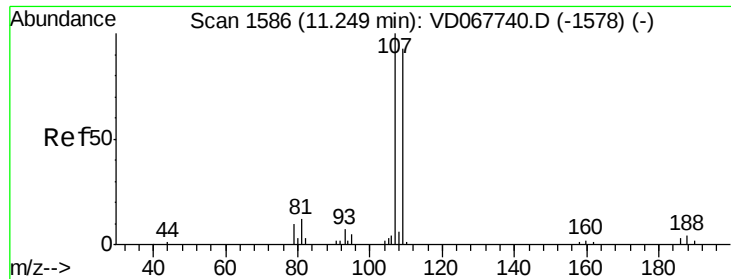
MMDadoda
11/24/2020 2:56:25 PM



#60
Dibromochloromethane
Concen: 4.818 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
129	100		
127	84.6	38.6	115.7





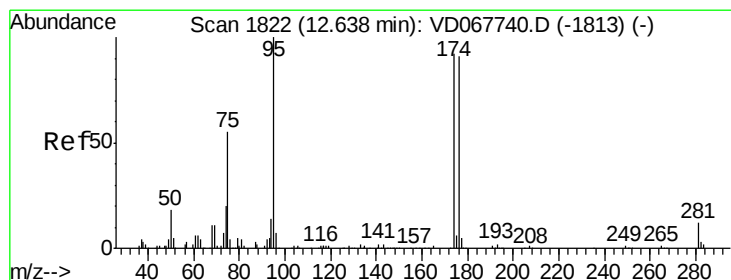
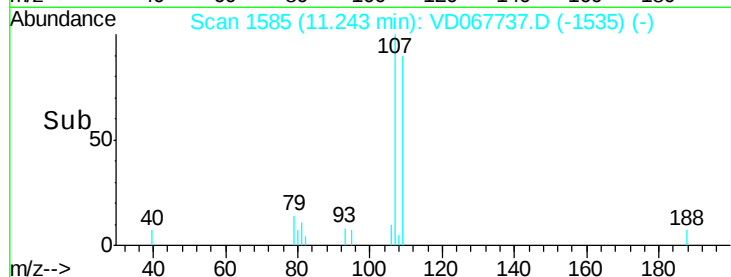
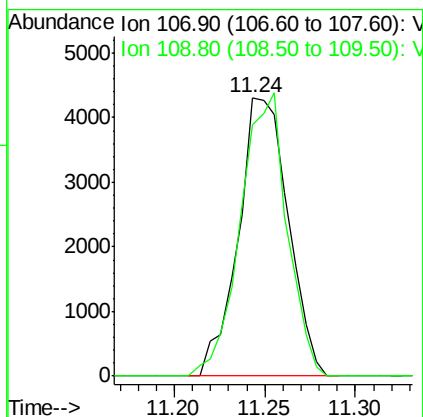
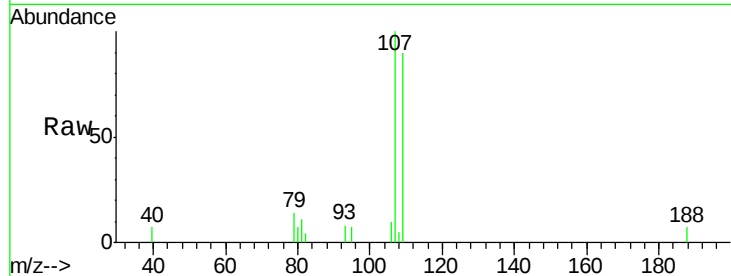
#61
1,2-Dibromoethane
Concen: 4.914 ug/l
RT: 11.24 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 107 Resp: 8262
Ion Ratio Lower Upper
107 100
109 95.0 75.1 112.7

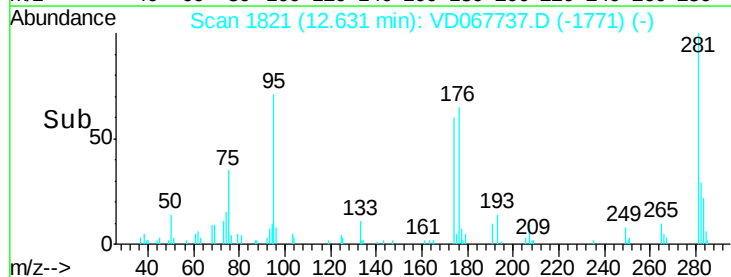
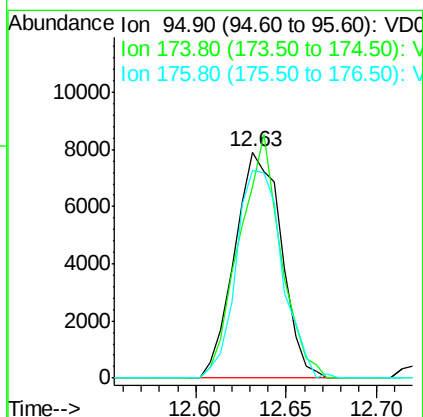
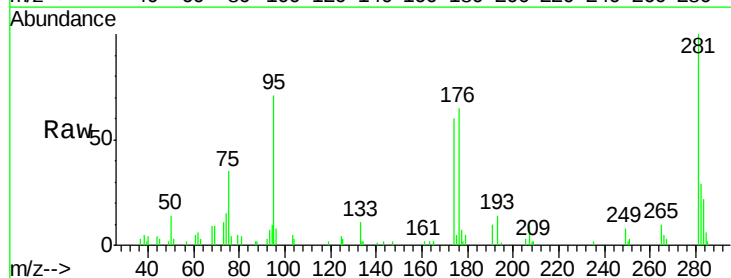
Manual Integrations
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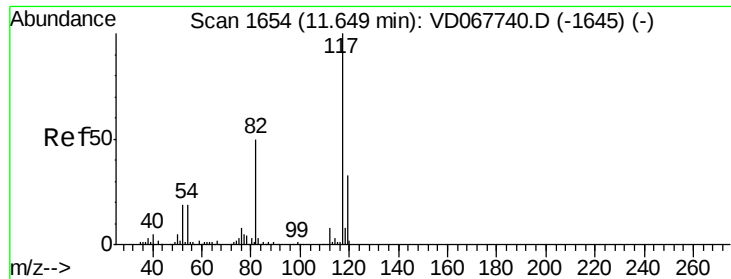
MMDadoda
11/24/2020 2:56:25 PM



#62
4-Bromofluorobenzene
Concen: 4.623 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion: 95 Resp: 14179
Ion Ratio Lower Upper
95 100
174 95.5 0.0 182.4
176 90.6 0.0 178.2





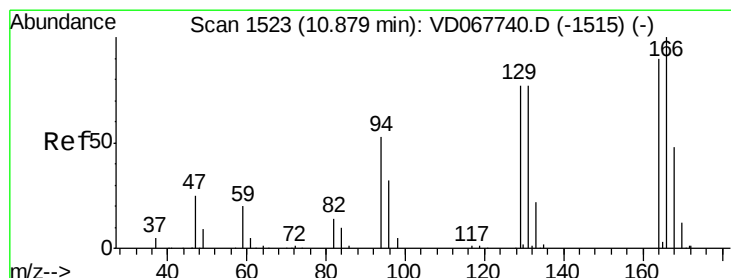
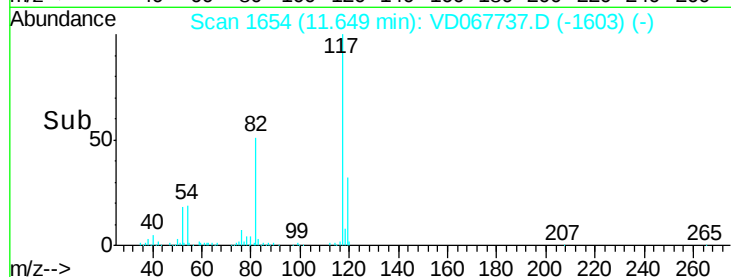
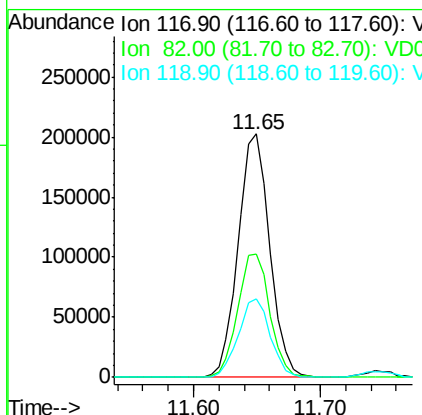
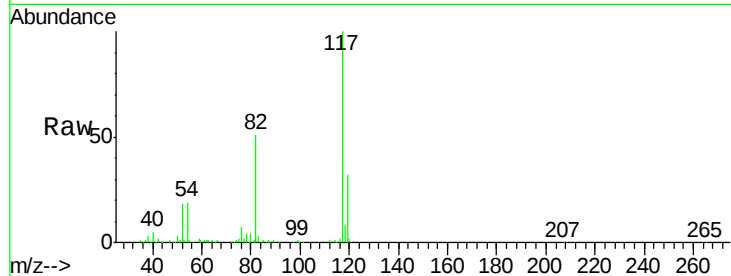
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.2	60.4
119	32.1	26.5	39.7

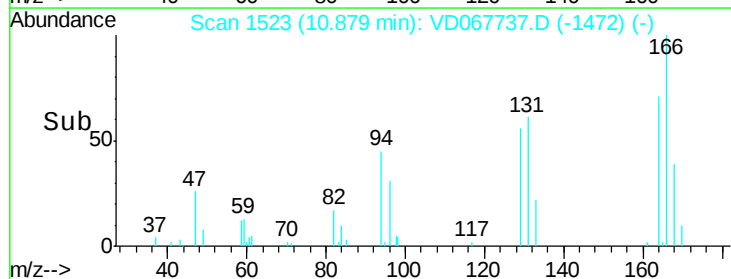
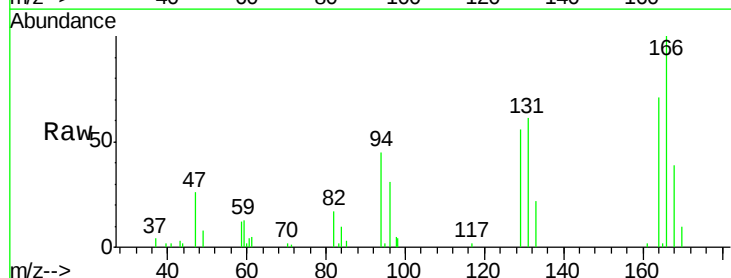
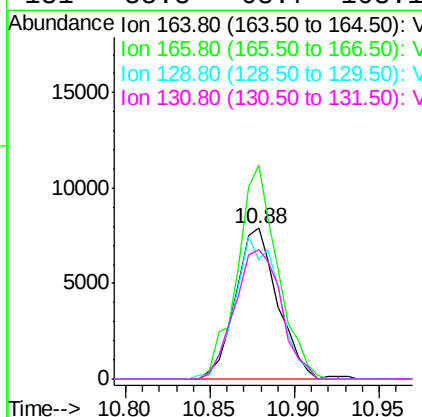
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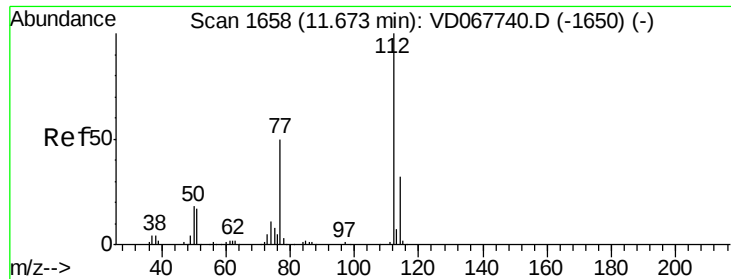
MMDadoda
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#64
Tetrachloroethene
Concen: 4.993 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	141.6	89.2	133.8#
129	79.2	68.4	102.6
131	85.8	68.7	103.1





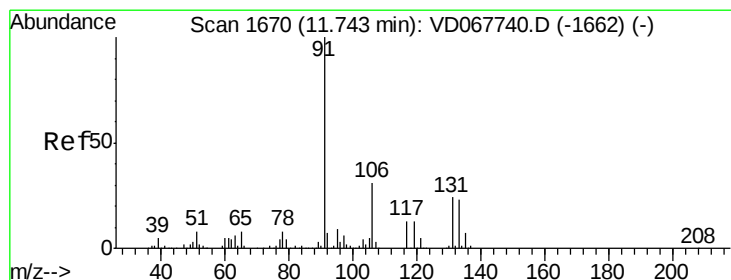
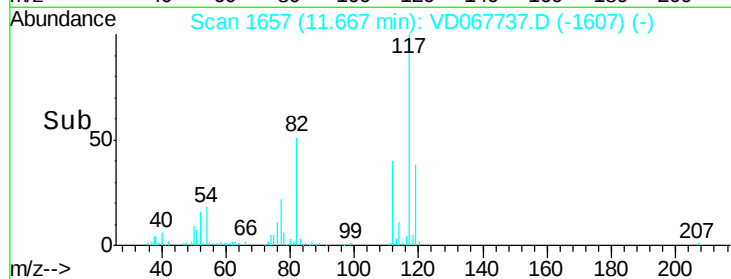
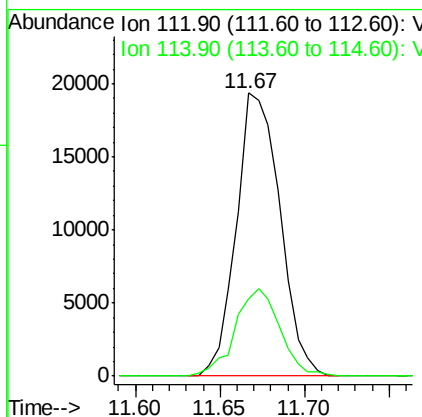
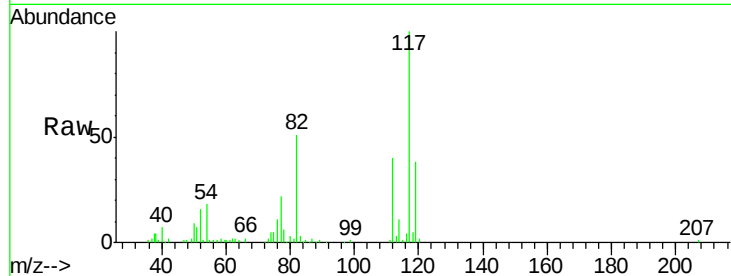
#65
Chlorobenzene
Concen: 5.018 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 34783
Ion Ratio Lower Upper
112 100
114 27.2 25.8 38.8

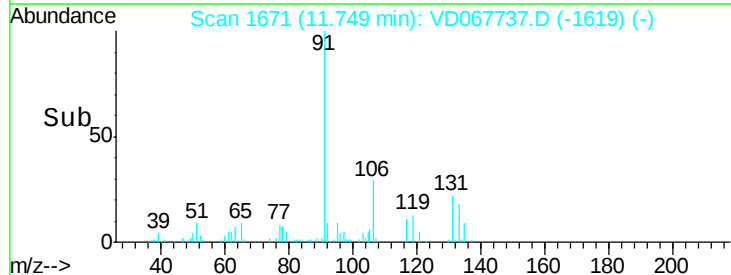
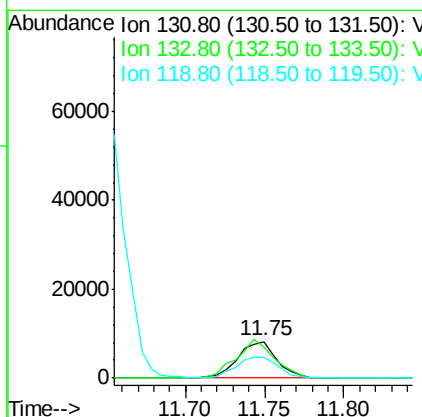
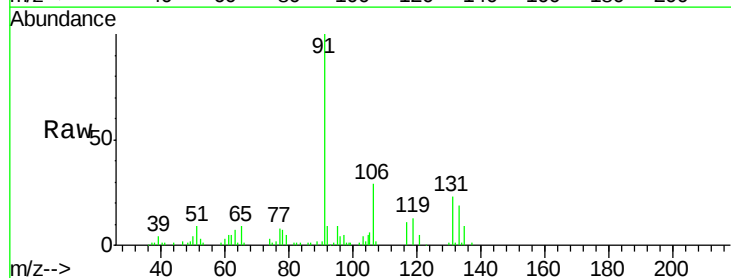
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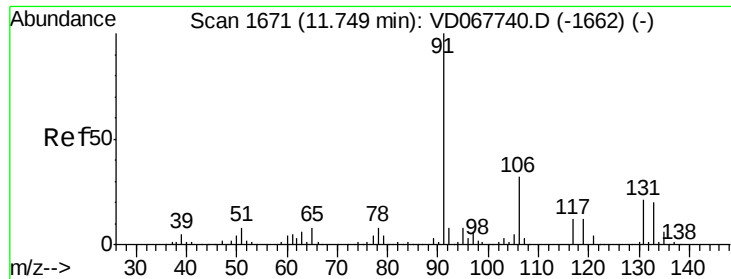
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.045 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion:131 Resp: 14012
Ion Ratio Lower Upper
131 100
133 102.0 49.0 147.0
119 63.2 28.8 86.5





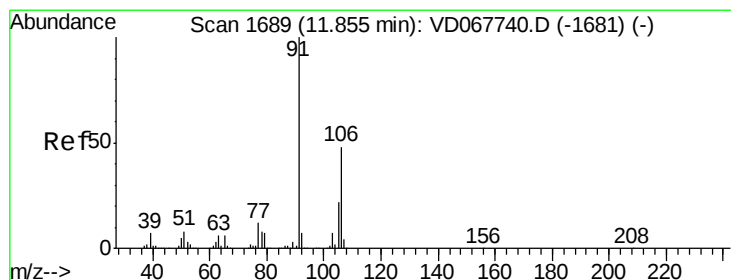
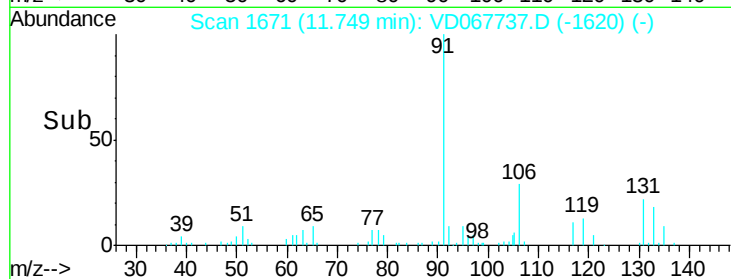
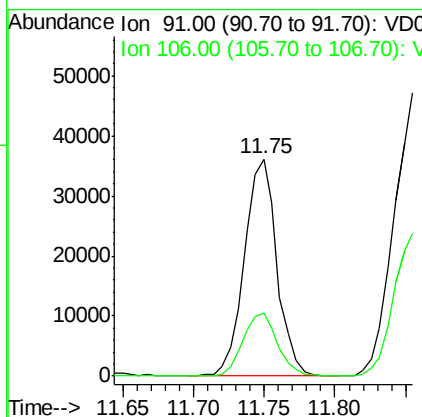
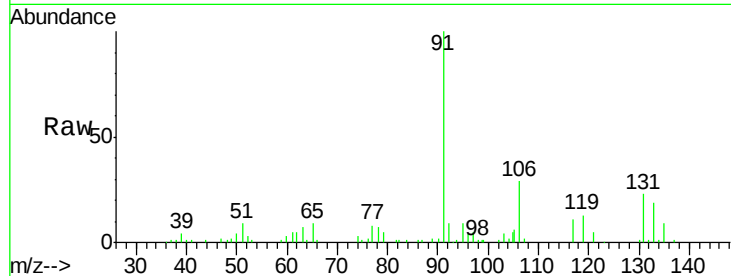
#67
Ethyl Benzene
Concen: 4.883 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampled :
VSTDIC005

Tot Ion: 91 Resp: 58100
Ion Ratio Lower Upper
91 100
106 29.3 25.7 38.5

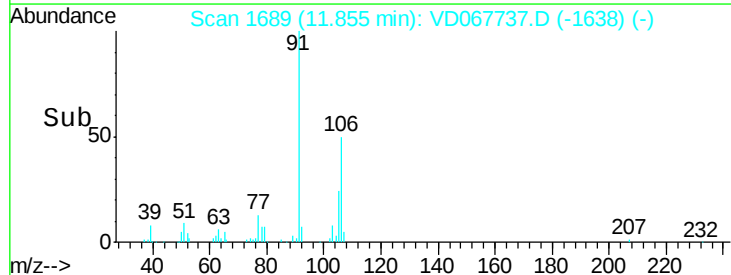
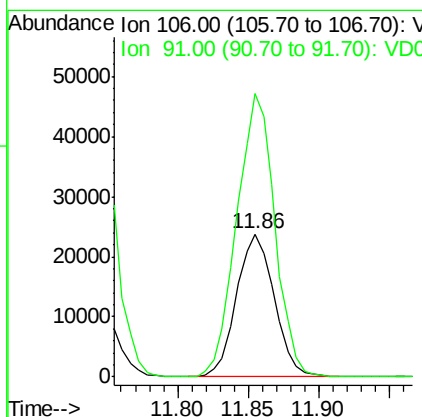
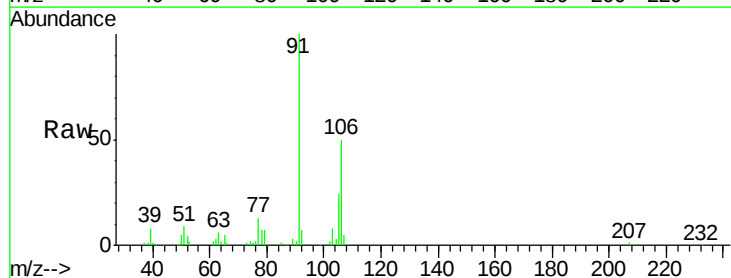
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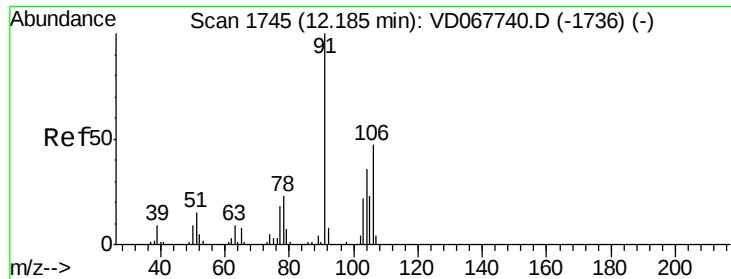
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#68
m/p-Xylenes
Concen: 9.537 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion: 106 Resp: 44372
Ion Ratio Lower Upper
106 100
91 199.9 163.0 244.6





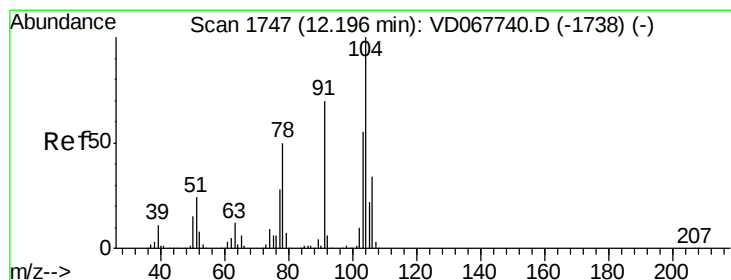
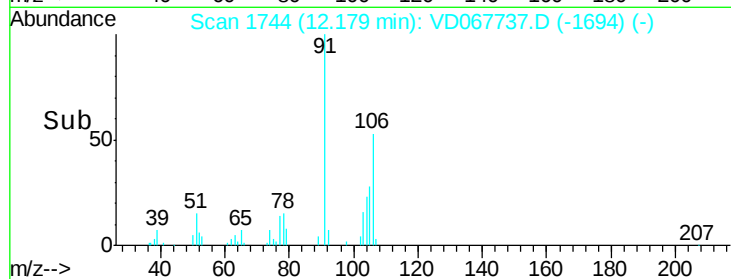
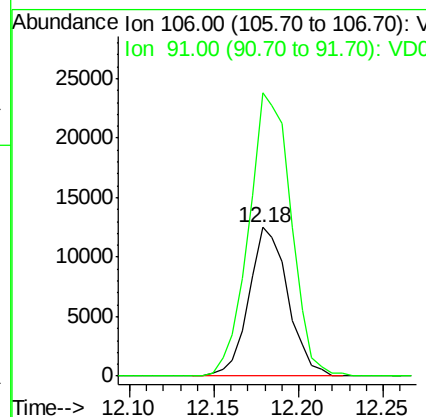
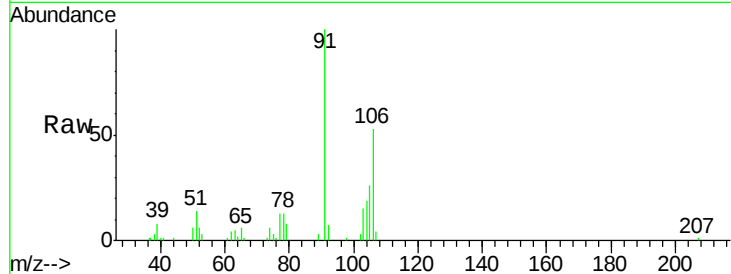
#69
o-Xylene
Concen: 4.756 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleID :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	205.7	106.2	318.6	

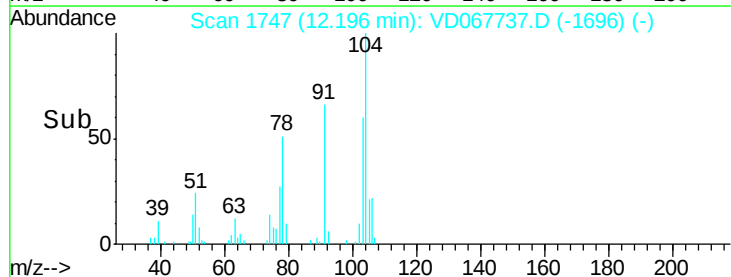
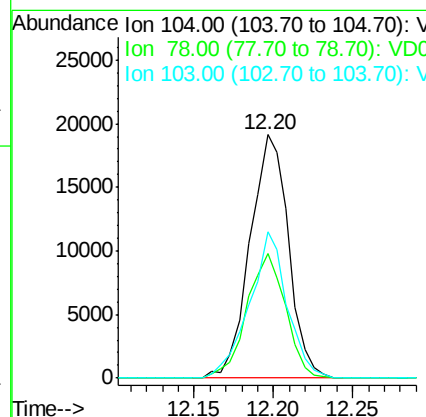
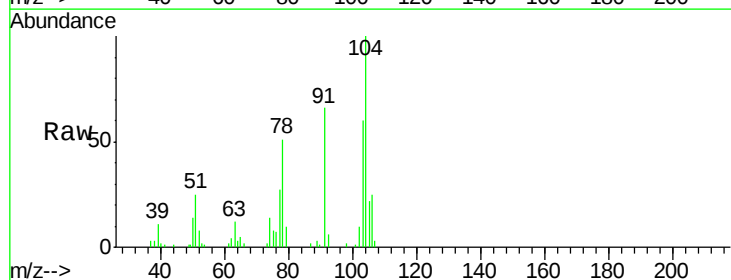
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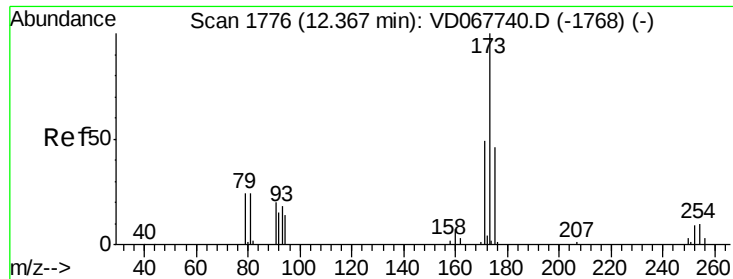
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#70
Styrene
Concen: 4.432 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.3	41.9	62.9	
103	58.9	44.1	66.1	





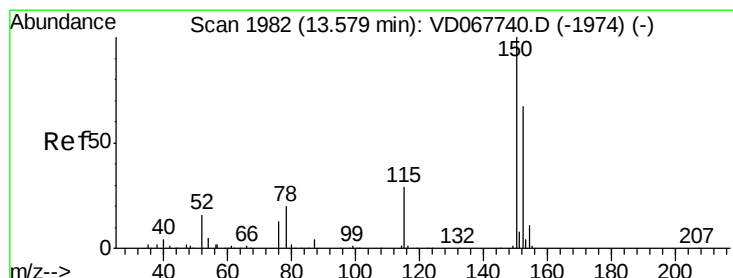
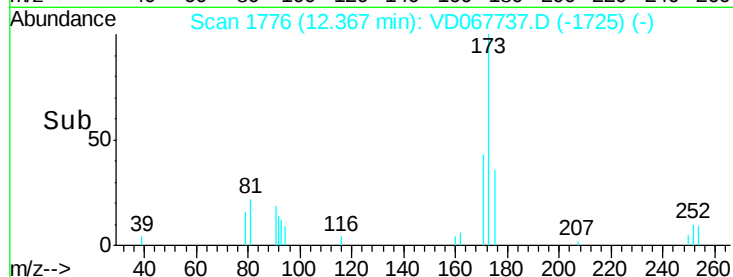
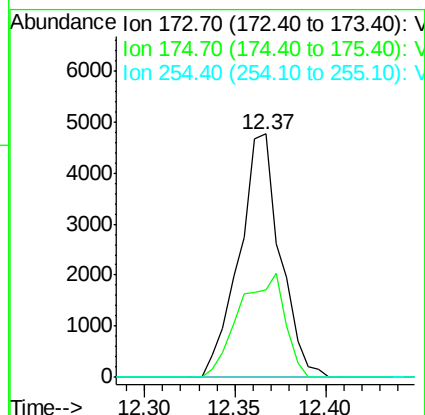
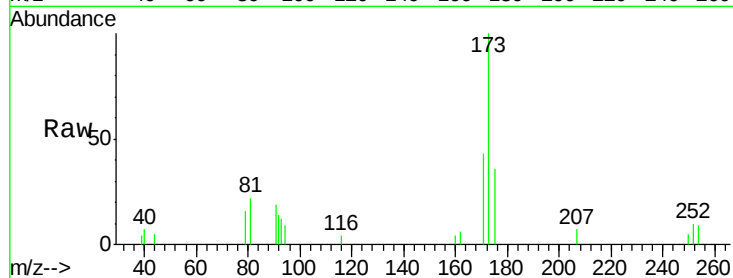
#71
Bromoform
Concen: 4.940 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	23.9	71.7
254	0.0	0.0	0.0

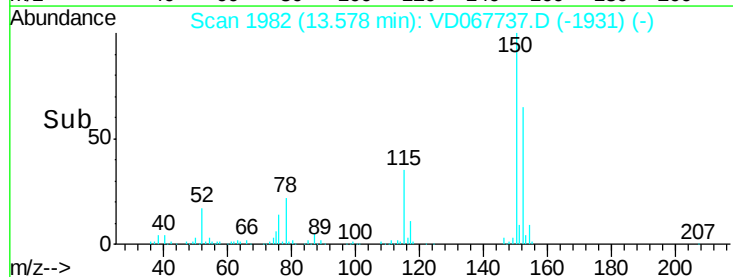
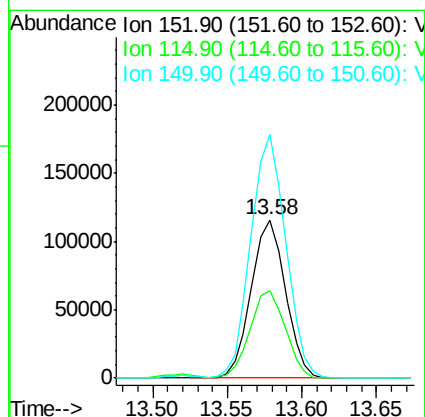
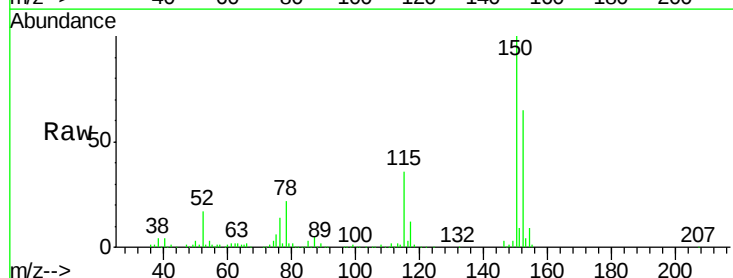
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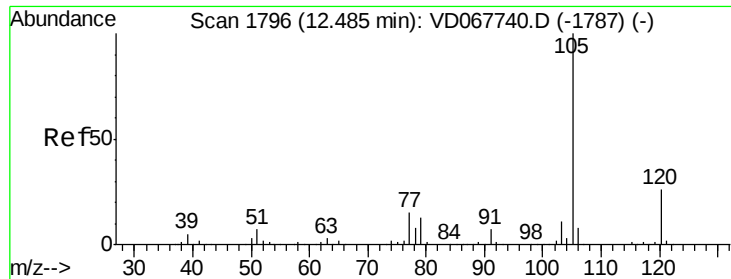
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.4	88.3
150	156.0	0.0	340.6





#73

Isopropylbenzene

Concen: 4.458 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 55299

Ion Ratio Lower Upper

105 100

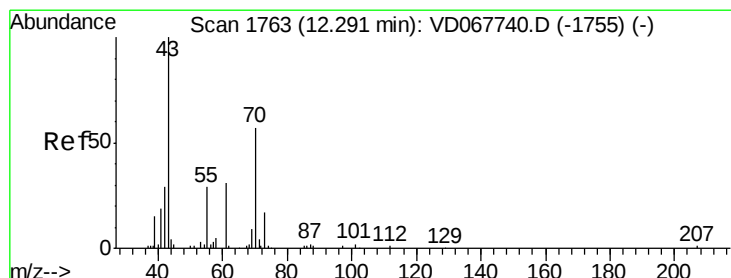
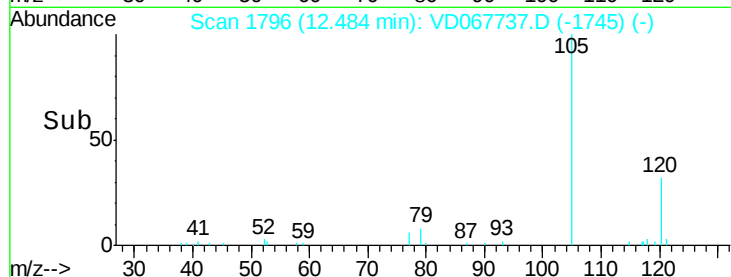
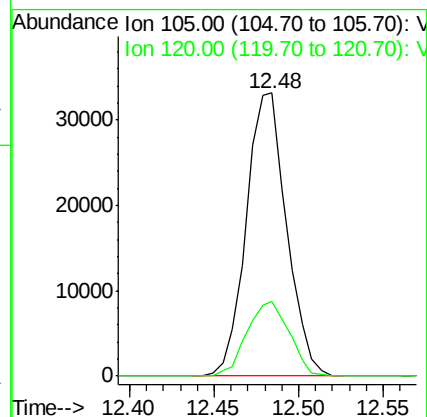
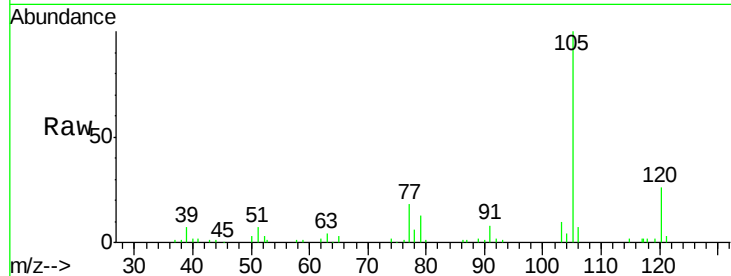
120 27.5 13.2 39.6

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#74

N-ethyl acetate

Concen: 4.352 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Tgt Ion: 43 Resp: 6995

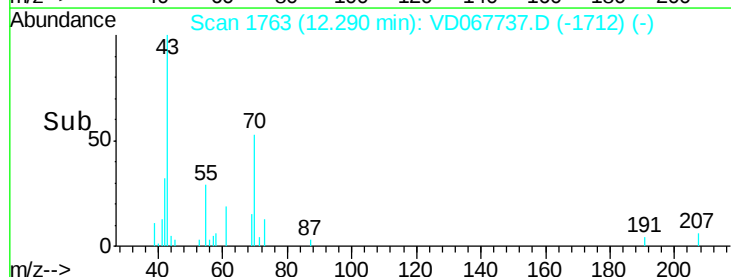
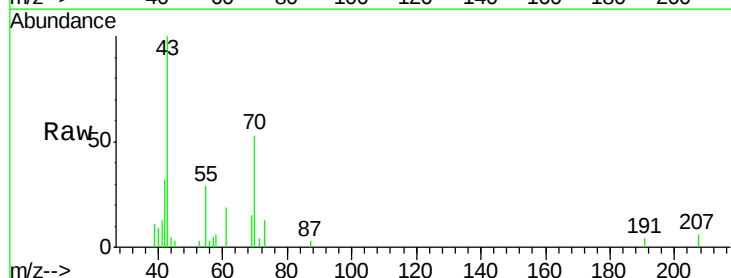
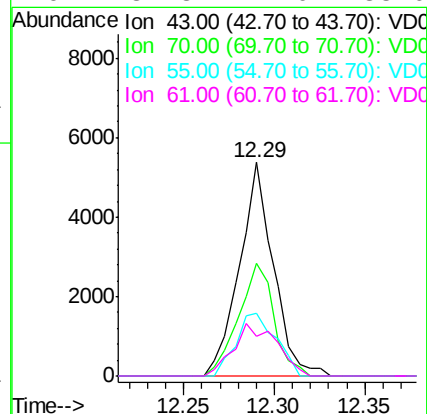
Ion Ratio Lower Upper

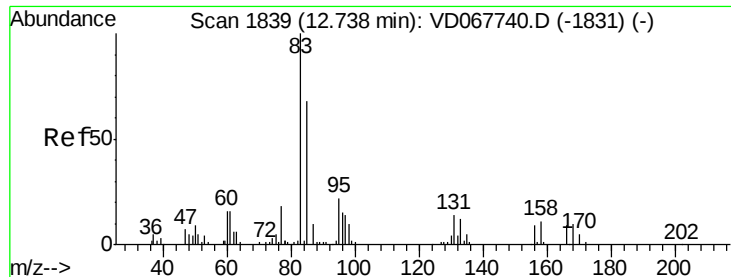
43 100

70 55.0 44.6 66.8

55 34.4 24.2 36.2

61 31.3 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.936 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

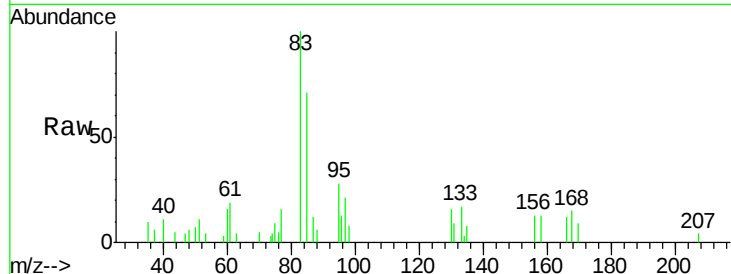
ClientSampleId :

VSTDIC005

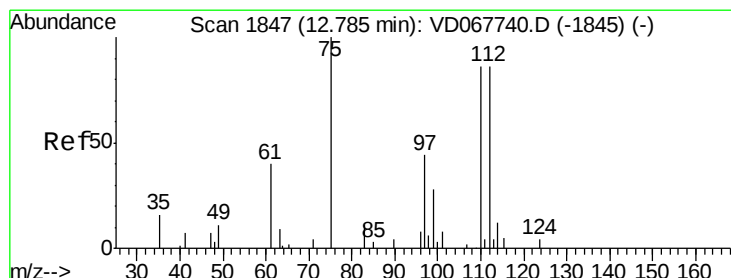
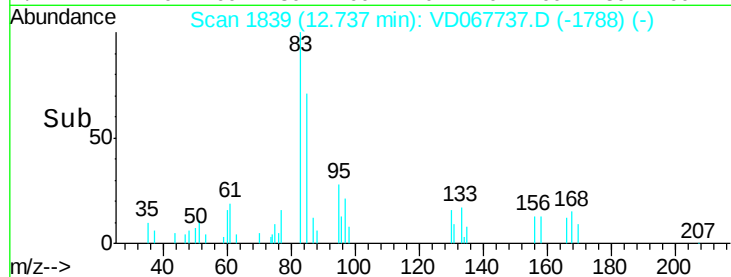
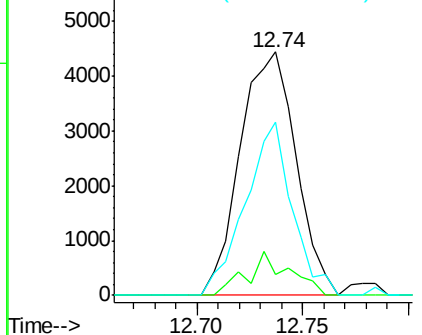
Tot Ion:	83	Resp:	8160
Ion	Ratio	Lower	Upper
83	100		
131	13.5	8.1	24.1
85	60.0	33.9	101.7

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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 4.483 ug/l m

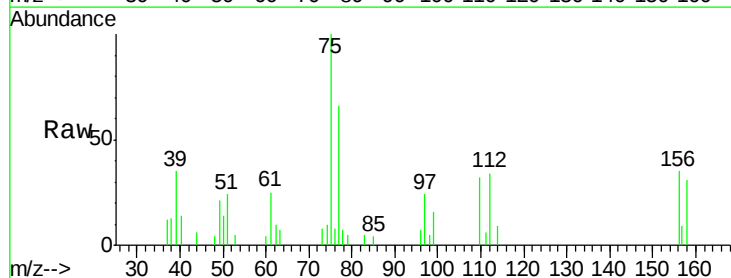
RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

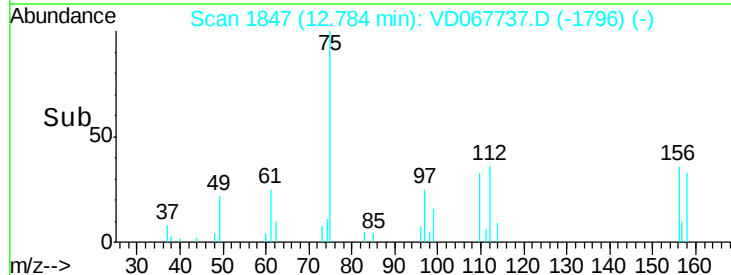
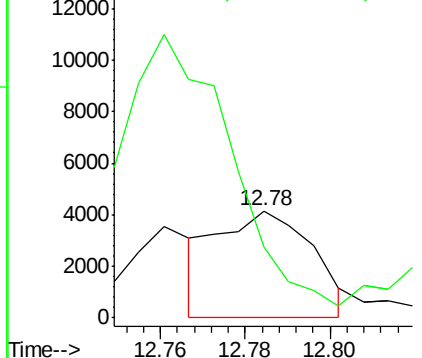
Lab File: VD067737.D

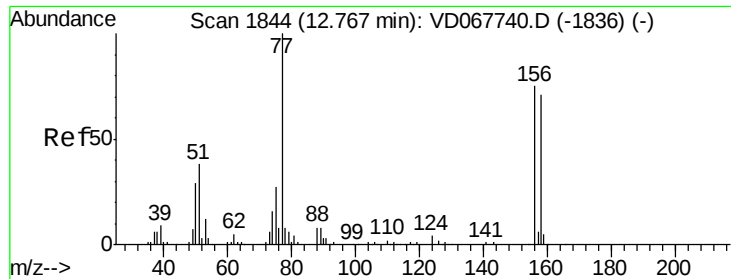
Acq: 23 Nov 2020 10:56

Tgt Ion:	75	Resp:	6461
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 4.688 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

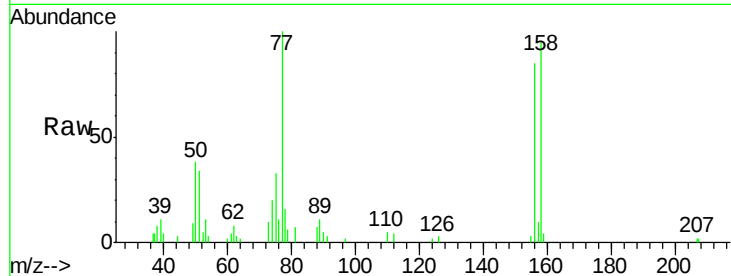
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	143.5	73.5	220.3
158	95.4	48.1	144.4

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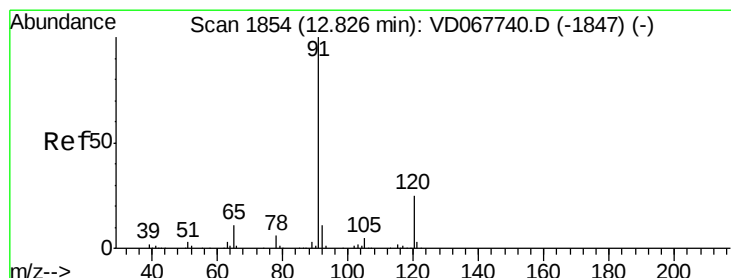
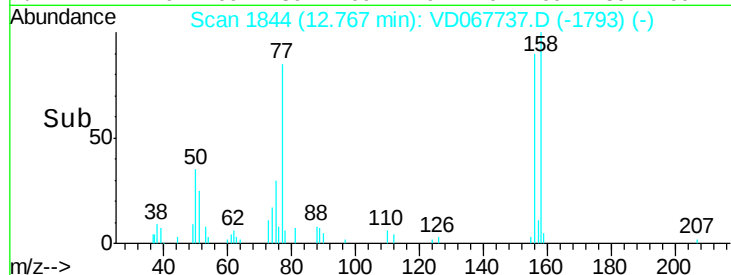
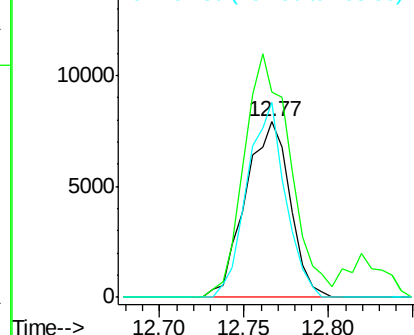


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.428 ug/l

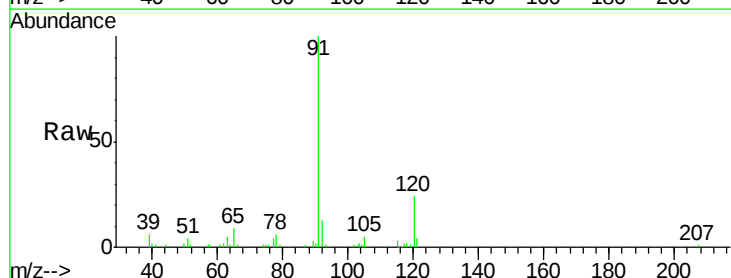
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

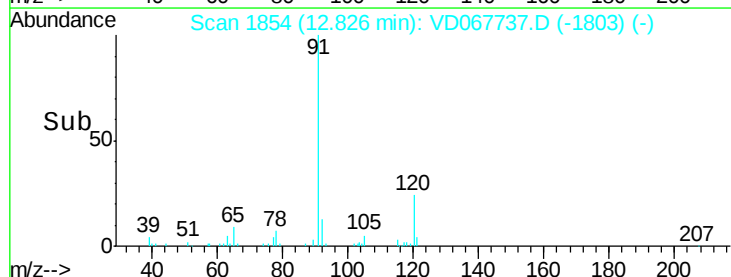
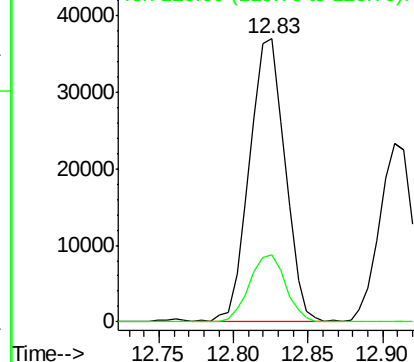
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.4	37.4

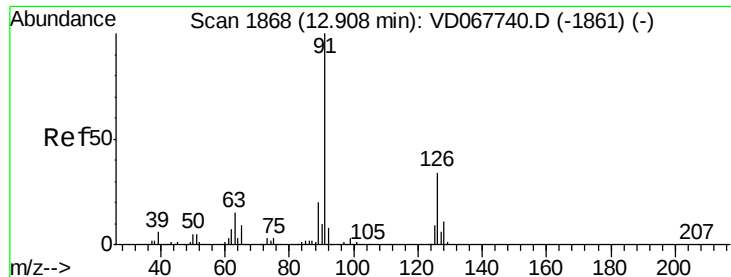


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





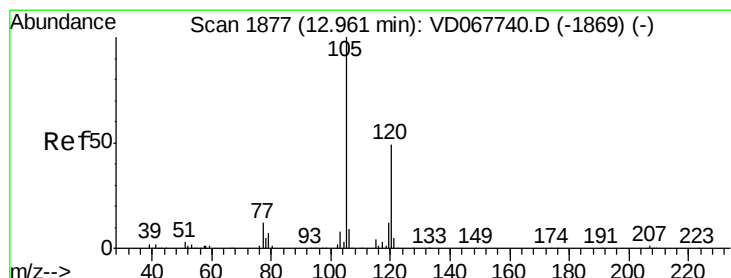
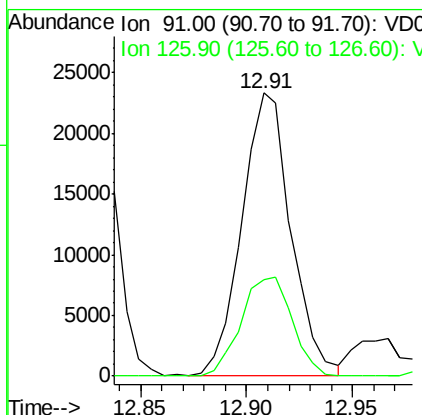
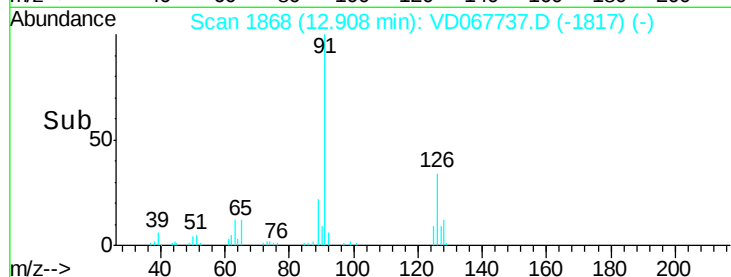
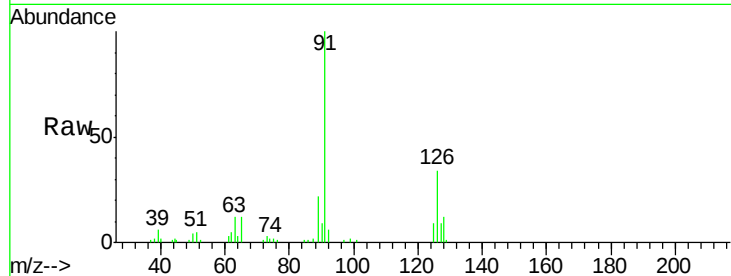
#79
 2-Chlorotoluene
 Concen: 4.668 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 37790
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.9 53.7

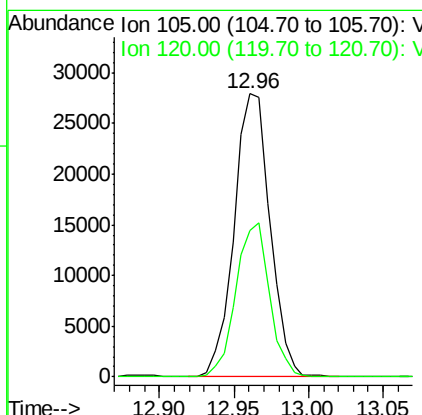
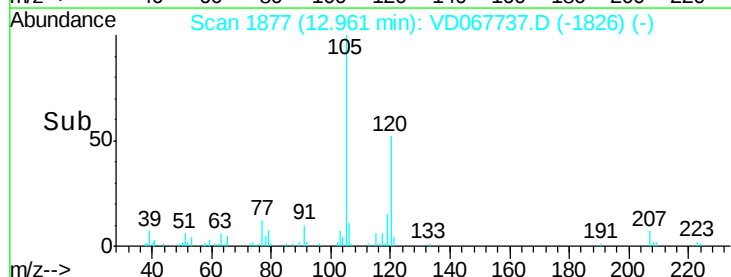
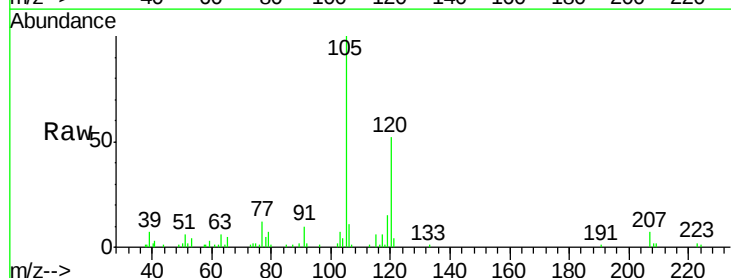
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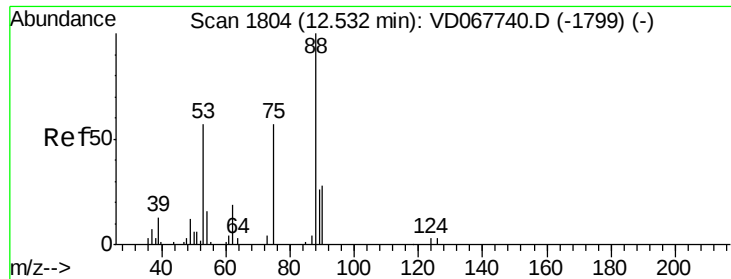
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#80
 1,3,5-Trimethylbenzene
 Concen: 4.297 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Tgt Ion: 105 Resp: 46792
 Ion Ratio Lower Upper
 105 100
 120 50.9 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 4.784 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Instrument :

MSVOA_D

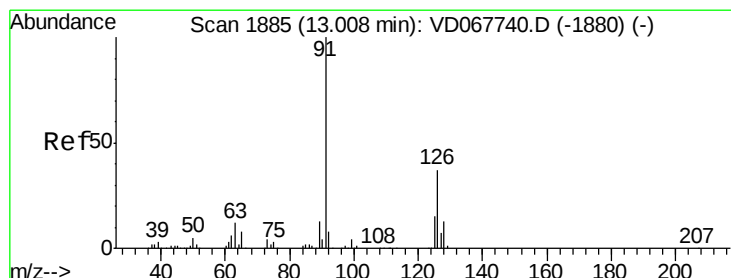
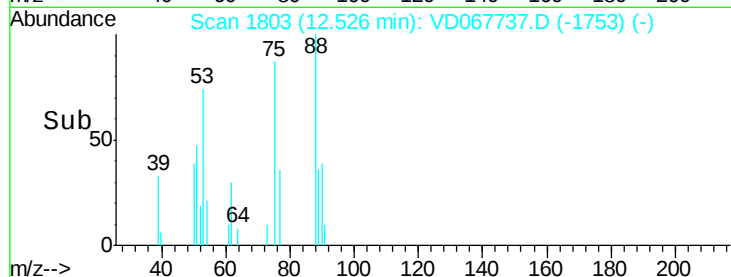
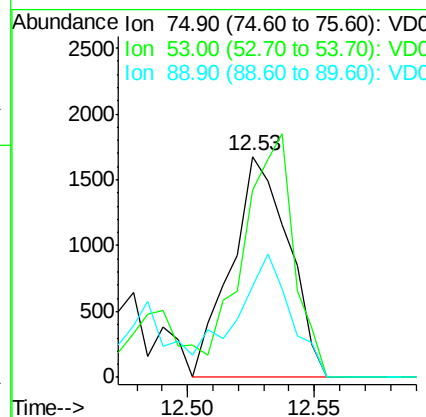
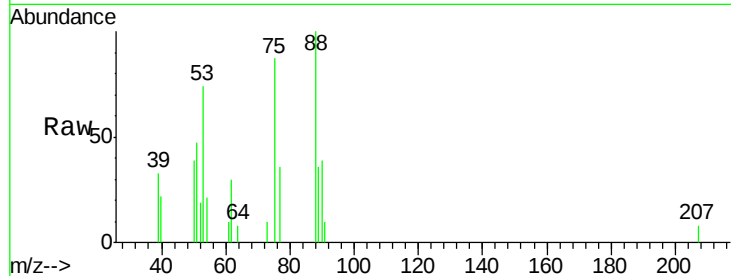
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	2640
Ion	Ratio	Lower	Upper
75	100		
53	96.4	76.0	114.0
89	53.2	40.2	60.4

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#82

4-Chlorotoluene

Concen: 4.683 ug/l

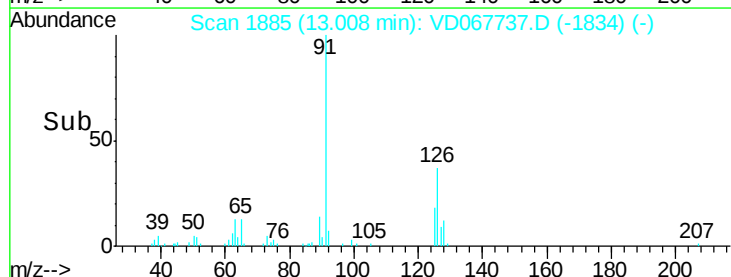
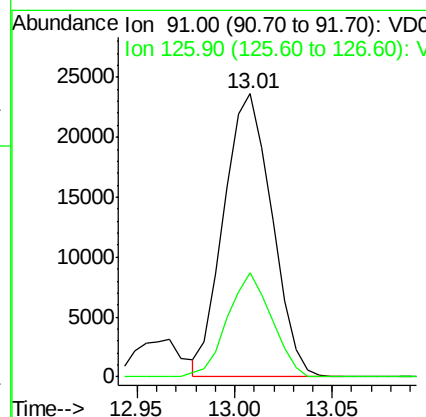
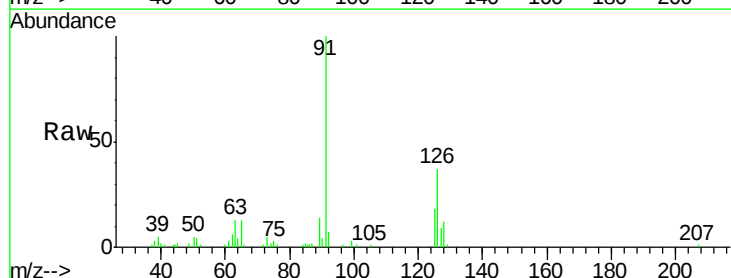
RT: 13.01 min Scan# 1885

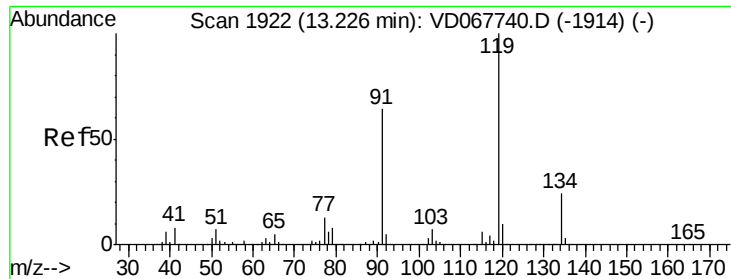
Delta R.T. -0.00 min

Lab File: VD067737.D

Acq: 23 Nov 2020 10:56

Tgt Ion:	91	Resp:	40456
Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.7	53.1





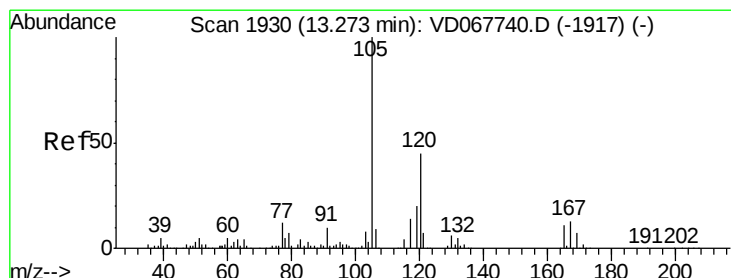
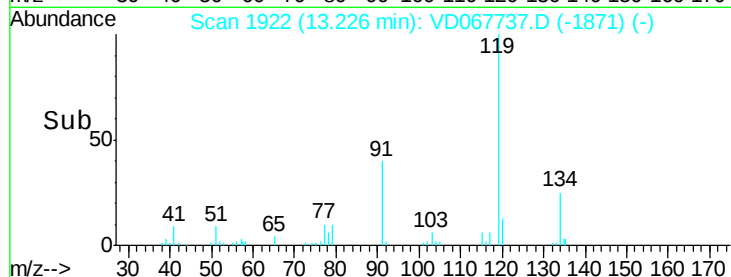
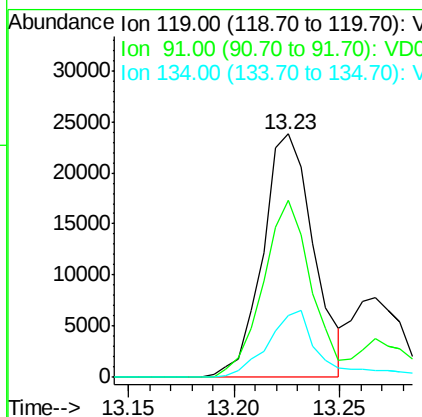
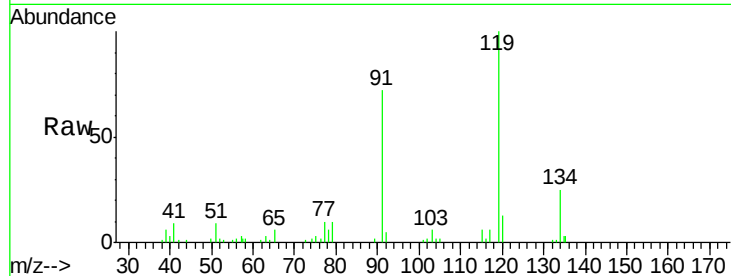
#83
tert-Butylbenzene
Concen: 4.360 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.1	32.9	98.7
134	28.0	12.9	38.6

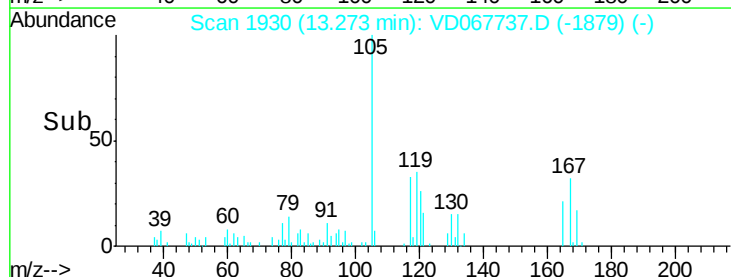
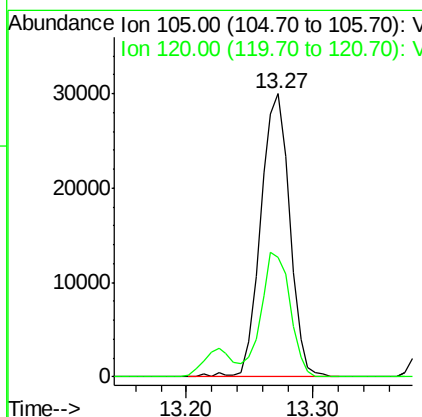
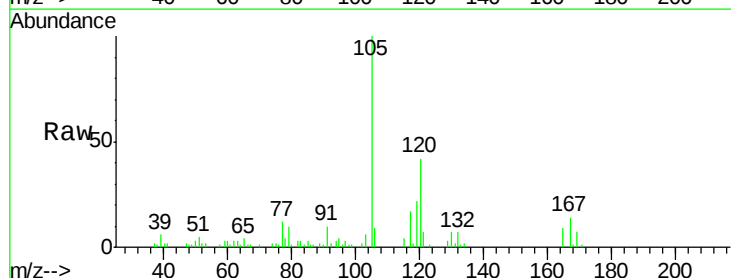
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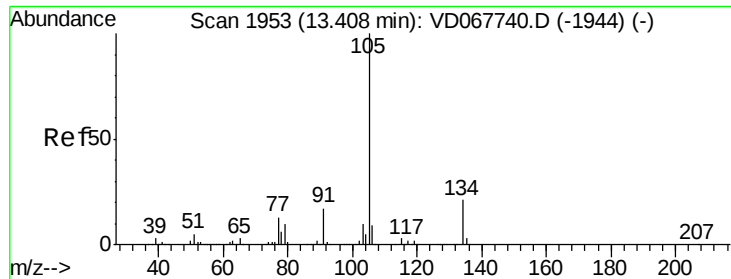
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#84
1,2,4-Trimethylbenzene
Concen: 4.463 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.6	67.7





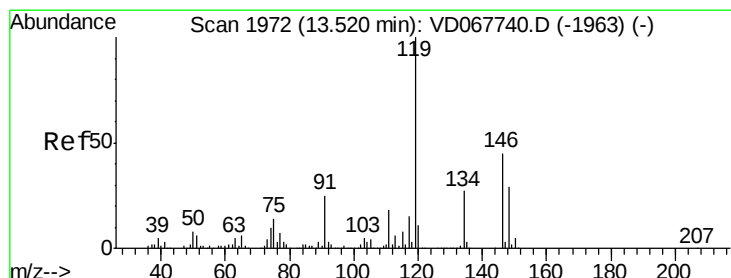
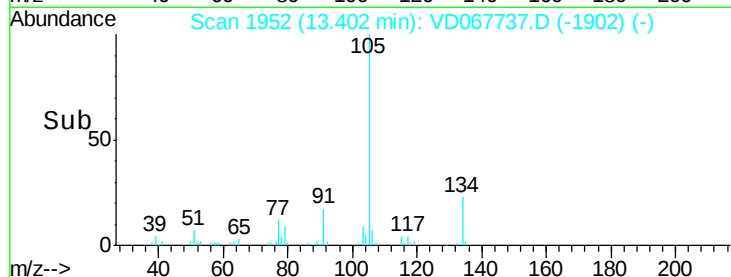
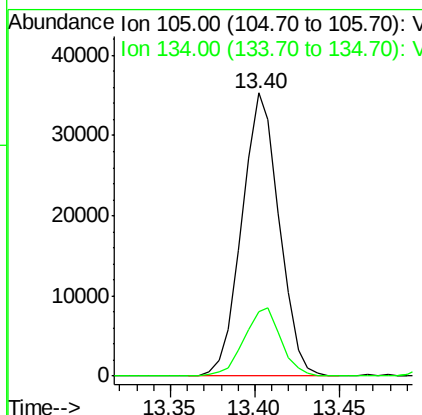
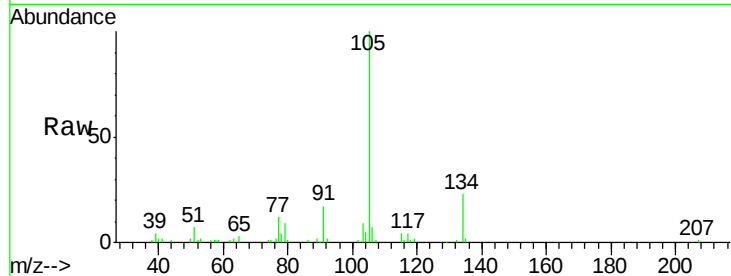
#85
 sec-Butylbenzene
 Concen: 4.495 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	23.7	10.7	32.1

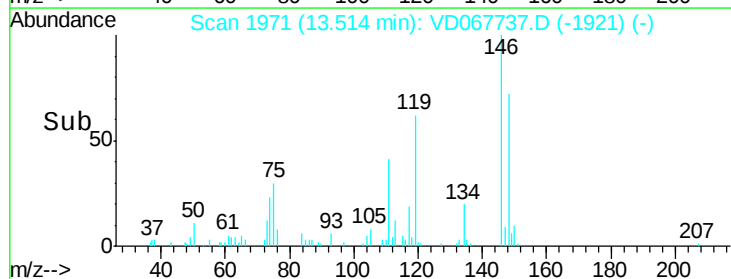
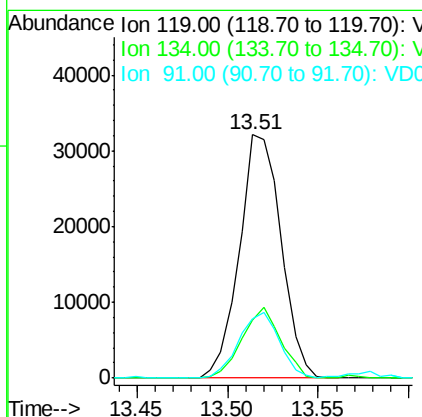
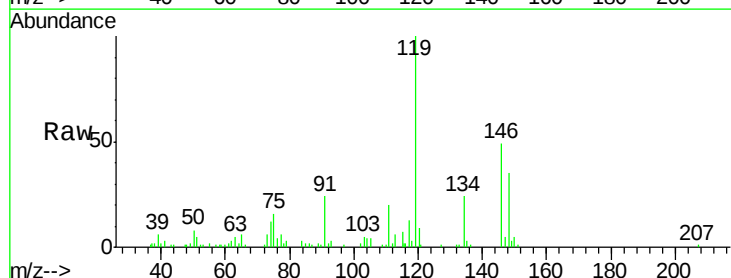
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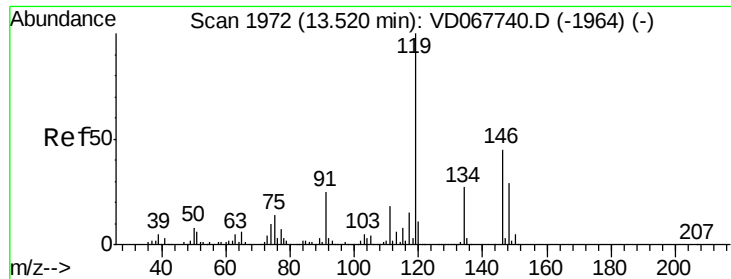
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#86
 p-Isopropyltoluene
 Concen: 4.382 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.0	38.9
91	26.0	12.7	38.1





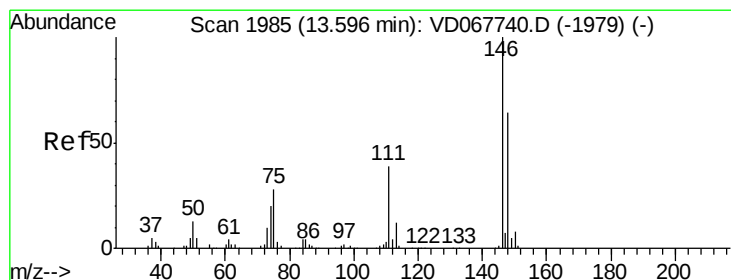
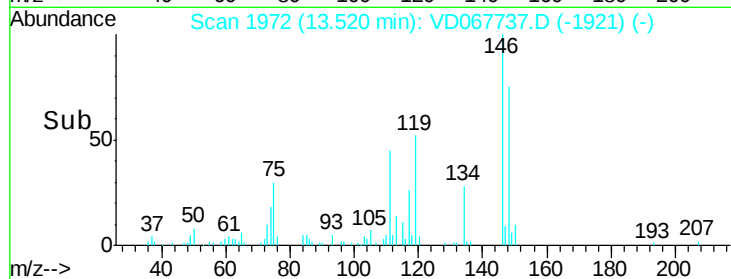
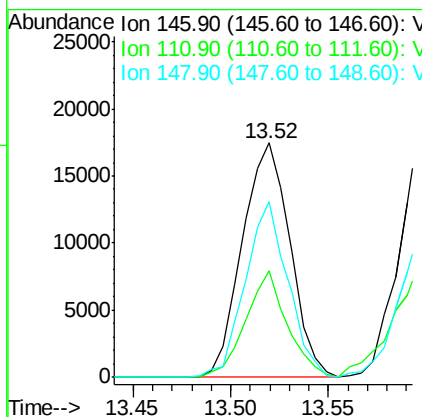
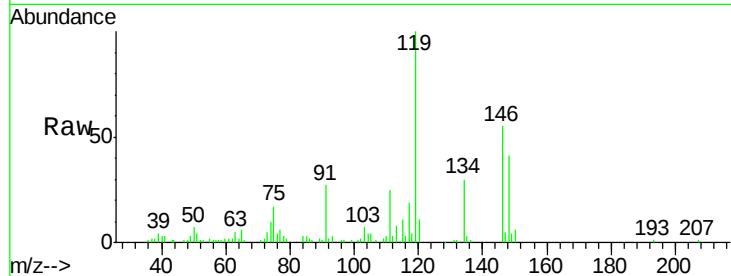
#87
 1,3-Dichlorobenzene
 Concen: 4.910 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.2	60.6
148	67.3	32.5	97.4

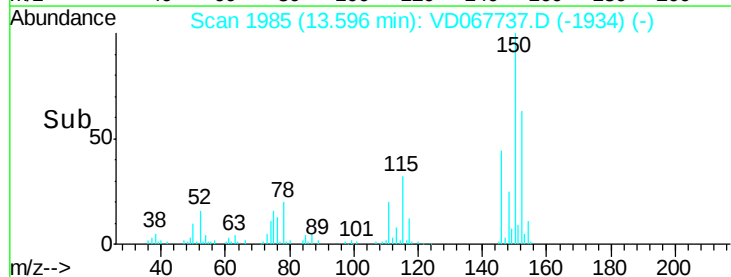
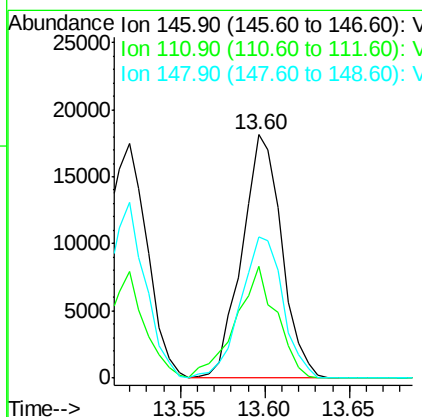
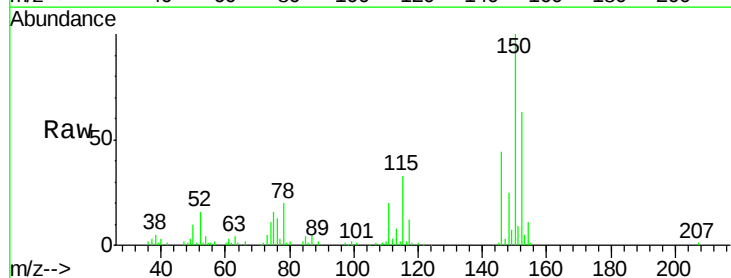
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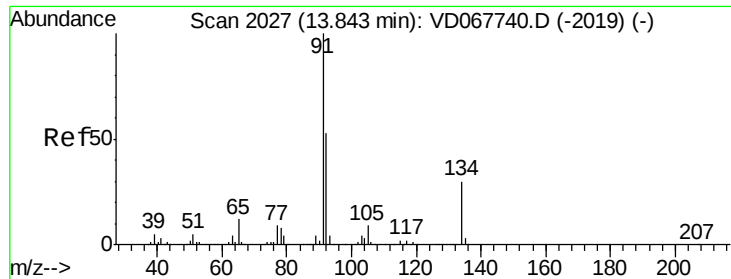
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#88
 1,4-Dichlorobenzene
 Concen: 4.967 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.9	19.4	58.4
148	61.3	31.6	94.8





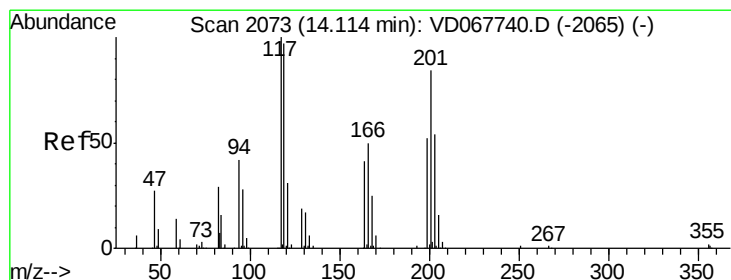
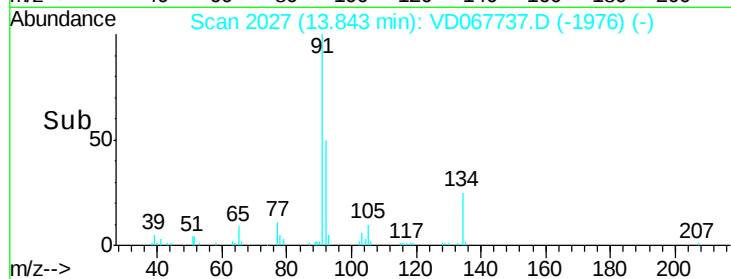
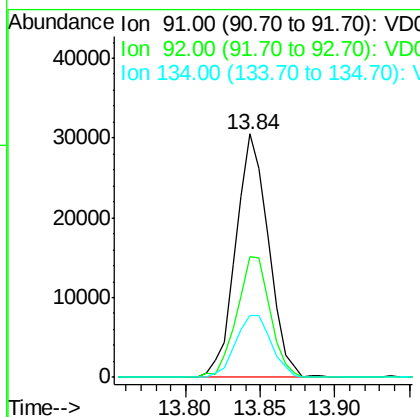
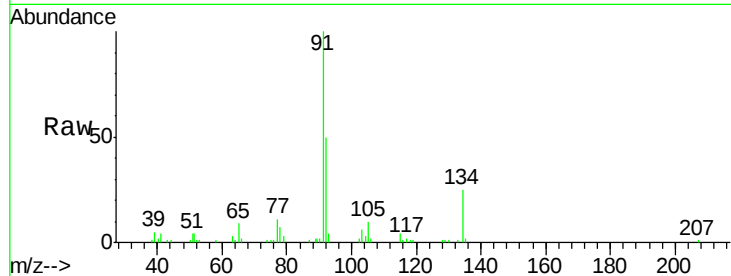
#89
n-Butylbenzene
Concen: 4.641 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.3	26.6	79.7
134	27.6	14.8	44.3

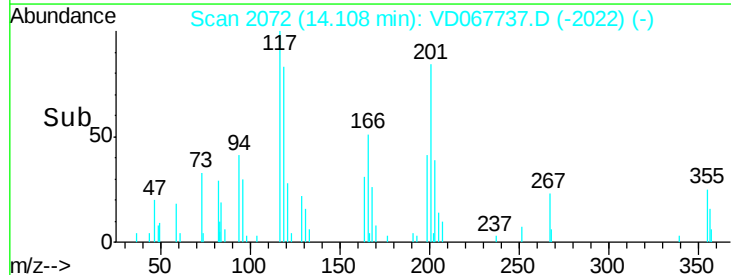
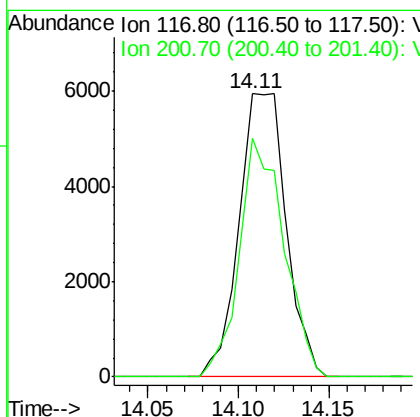
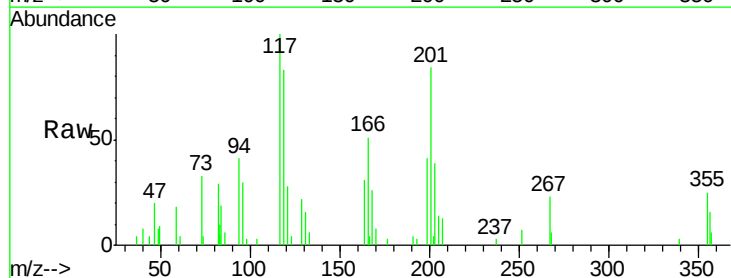
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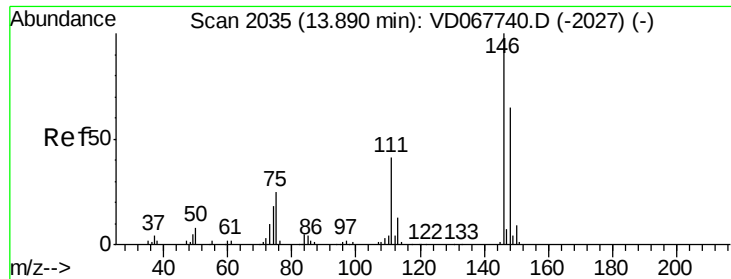
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#90
Hexachloroethane
Concen: 4.837 ug/l
RT: 14.11 min Scan# 2072
Delta R.T. -0.01 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.7	42.2	126.6





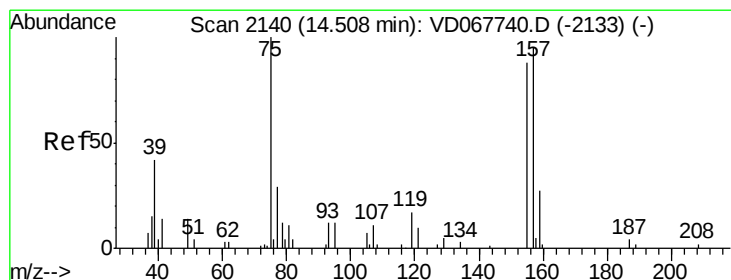
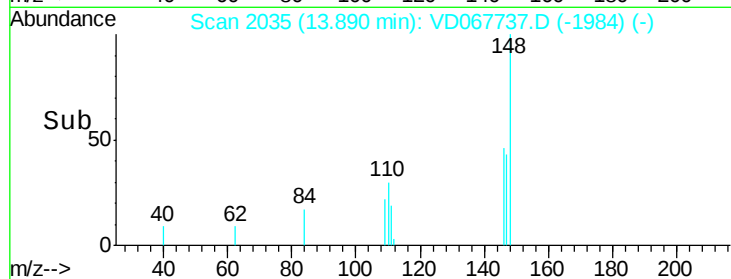
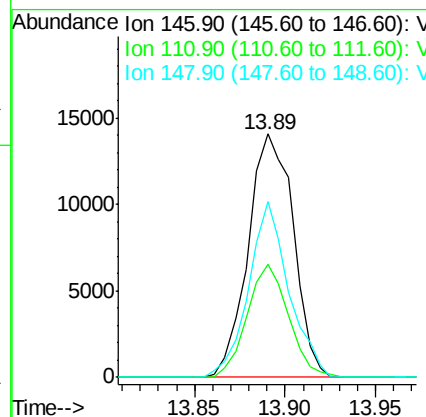
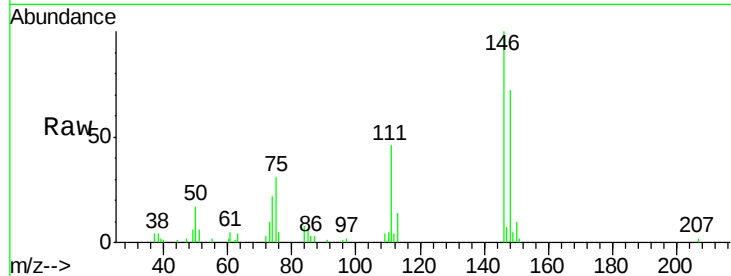
#91
 1,2-Dichlorobenzene
 Concen: 4.699 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.8	62.5
148	64.4	32.4	97.2

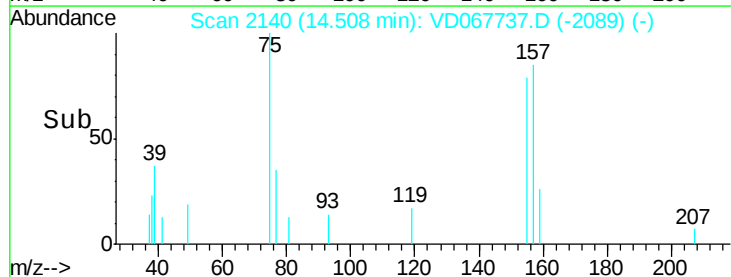
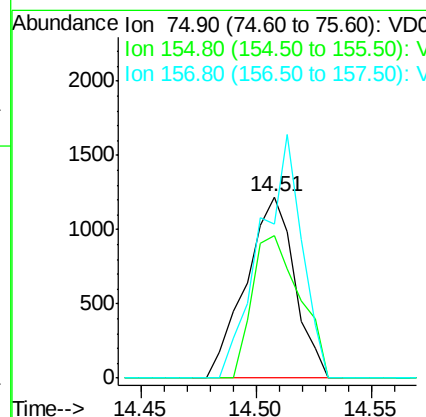
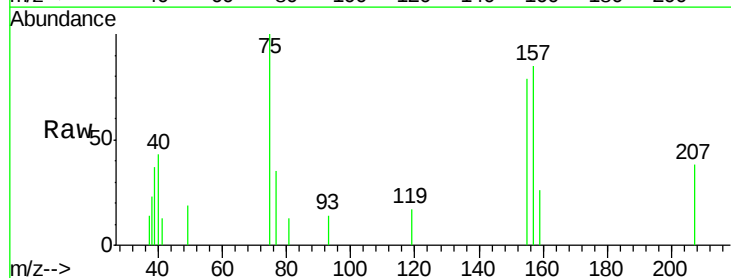
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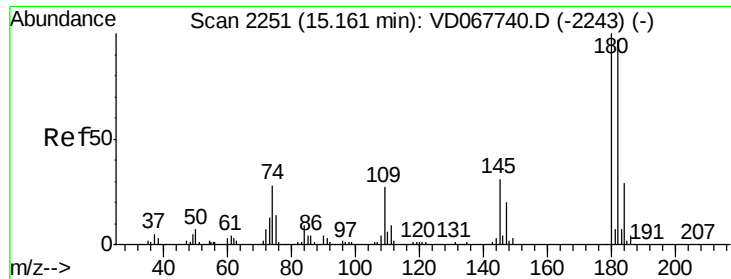
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.110 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.0	41.0	123.0
157	114.2	51.1	153.4





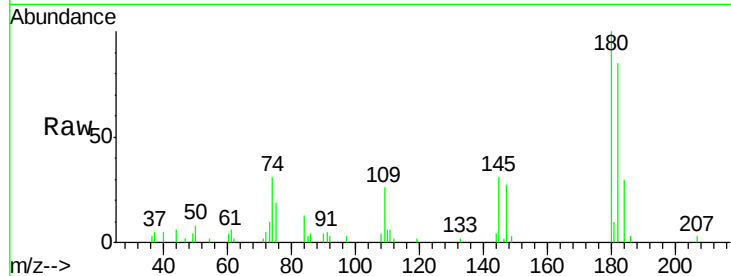
#93
 1,2,4-Trichlorobenzene
 Concen: 4.621 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

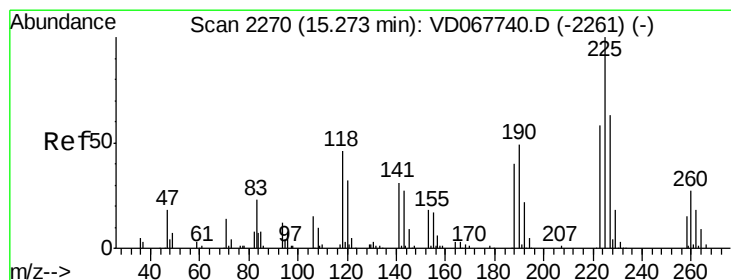
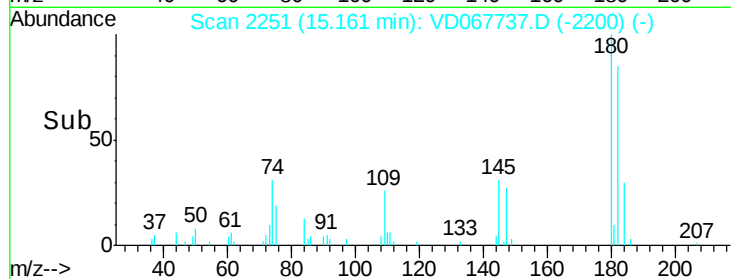
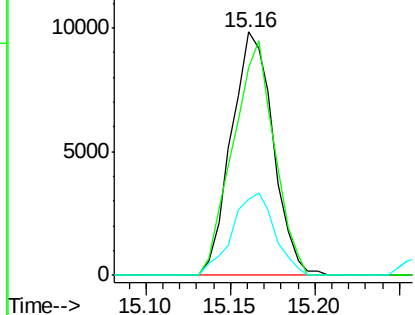
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.2
145	34.4	16.1	48.3

Manual Integrations
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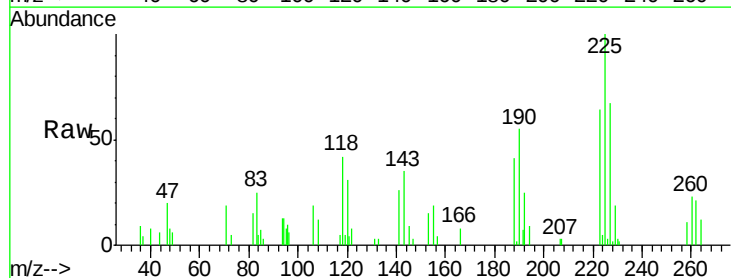


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

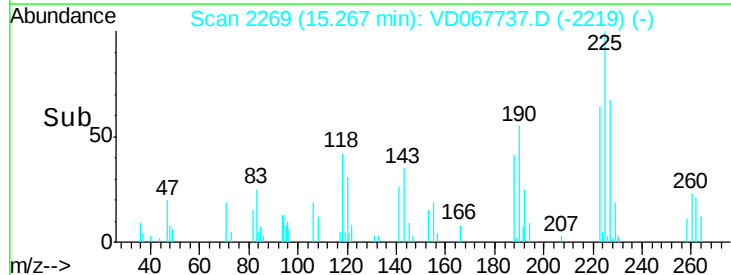
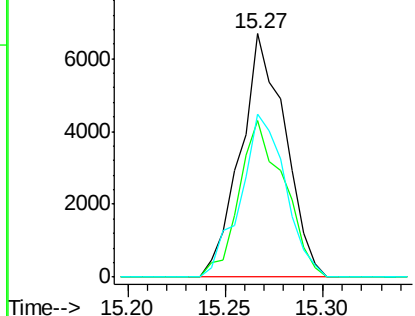


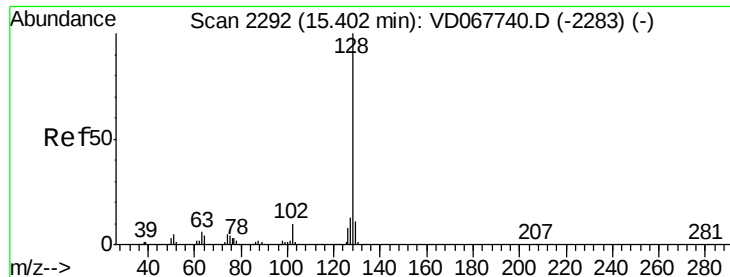
#94
 Hexachlorobutadiene
 Concen: 4.500 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067737.D
 Acq: 23 Nov 2020 10:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.5	94.5
227	67.5	32.9	98.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





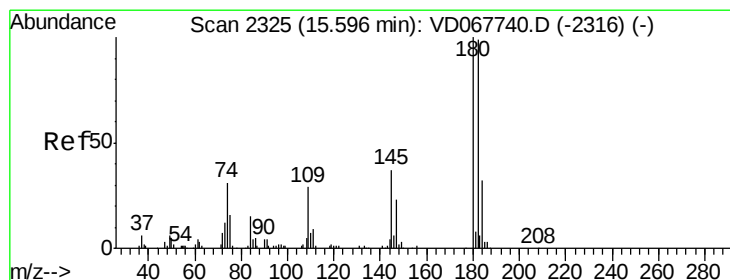
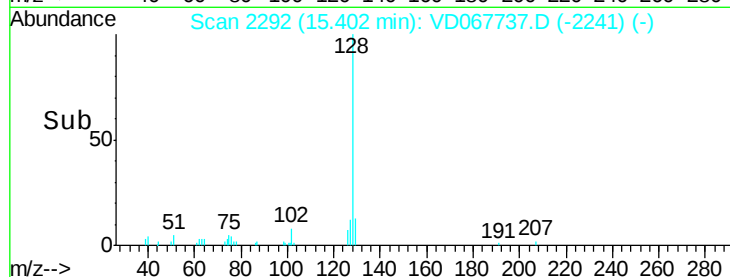
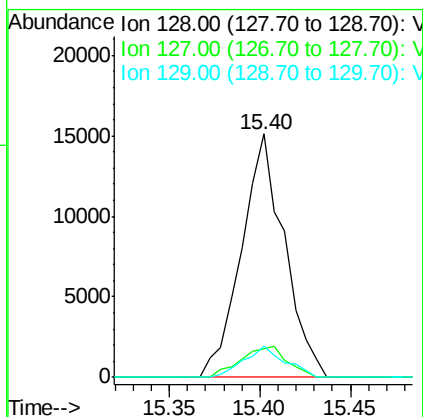
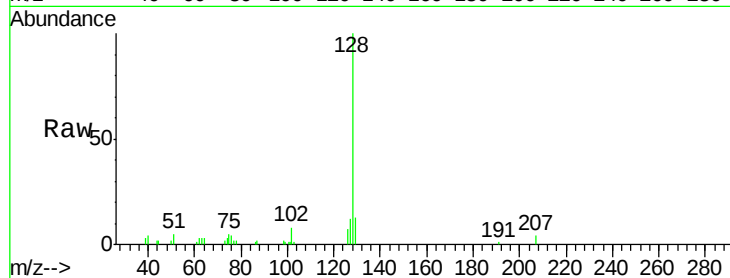
#95
Naphthalene
Concen: 4.184 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion:	128	Resp:	24856
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.7	16.1
129	12.2	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 4.585 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VD067737.D
Acq: 23 Nov 2020 10:56

Tgt Ion:	180	Resp:	14274
Ion Ratio	Lower	Upper	
180	100		
182	97.1	48.0	144.0
145	33.1	16.8	50.4

