

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120720\
 Data File : VD067892.D
 Acq On : 07 Dec 2020 11:41
 Operator : VA/SY
 Sample : VD1207SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

Quant Time: Dec 08 03:12:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	192501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	277213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	261469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134650	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	108946	52.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.44%
35) Dibromofluoromethane	7.92	113	97272	52.44	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.88%
50) Toluene-d8	10.34	98	352047	52.72	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.44%
62) 4-Bromofluorobenzene	12.64	95	126577	54.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.66%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	35069	20.933	ug/l	98
3) Chloromethane	2.21	50	20482	21.185	ug/l	95
4) Vinyl Chloride	2.35	62	25097	20.611	ug/l	97
5) Bromomethane	2.76	94	25944	23.867	ug/l	82
6) Chloroethane	2.92	64	18132	22.871	ug/l	95
7) Trichlorofluoromethane	3.27	101	81784	21.949	ug/l	99
8) Diethyl Ether	3.71	74	15185	20.909	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	37124	21.850	ug/l	99
10) Methyl Iodide	4.30	142	34714	19.276	ug/l	99
11) Tert butyl alcohol	5.22	59	13651	92.269	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	33546	21.030	ug/l	97
13) Acrolein	3.92	56	5795	72.970	ug/l	92
14) Allyl chloride	4.72	41	30478	20.654	ug/l	91
15) Acrylonitrile	5.43	53	24788	98.437	ug/l	96
16) Acetone	4.16	43	24185	94.707	ug/l #	87
17) Carbon Disulfide	4.41	76	90030	20.215	ug/l	95
18) Methyl Acetate	4.72	43	10101	20.650	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	72150	21.123	ug/l	93
20) Methylene Chloride	4.97	84	40373	22.116	ug/l	88
21) trans-1,2-Dichloroethene	5.48	96	39592	21.812	ug/l	92
22) Diisopropyl ether	6.36	45	62082	20.917	ug/l #	85
23) Vinyl Acetate	6.31	43	172559	104.509	ug/l	99
24) 1,1-Dichloroethane	6.27	63	55246	21.234	ug/l	95
25) 2-Butanone	7.21	43	26055	97.005	ug/l	98
26) 2,2-Dichloropropane	7.21	77	69563	22.422	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	41283	20.793	ug/l	95
28) Bromochloromethane	7.54	49	15174	18.369	ug/l	98
29) Tetrahydrofuran	7.56	42	14630	95.662	ug/l	98
30) Chloroform	7.71	83	78417	22.554	ug/l	95
31) Cyclohexane	7.98	56	44957	20.648	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	81404	22.179	ug/l	97
36) 1,1-Dichloropropene	8.11	75	52943	22.061	ug/l	99
37) Ethyl Acetate	7.30	43	11791	18.230	ug/l #	81
38) Carbon Tetrachloride	8.10	117	82019	22.589	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	60597	21.308	ug/l	93
40) Benzene	8.35	78	143200	21.807	ug/l	94
41) Methacrylonitrile	7.57	41	19052	63.212	ug/l #	27
42) 1,2-Dichloroethane	8.43	62	51271	21.907	ug/l	100
43) Isopropyl Acetate	8.46	43	24908	19.572	ug/l	96
44) Trichloroethene	9.11	130	49397	21.880	ug/l	91
45) 1,2-Dichloropropane	9.38	63	27195	20.178	ug/l	99
46) Dibromomethane	9.48	93	19640	20.959	ug/l	98
47) Bromodichloromethane	9.67	83	56851	21.281	ug/l	96
48) Methyl methacrylate	9.46	41	14333	22.180	ug/l	88
49) 1,4-Dioxane	9.46	88	4112	384.036	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	57938	96.192	ug/l	100
52) Toluene	10.41	92	100574	21.907	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	48468	21.021	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	54529	21.742	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	25660	20.010	ug/l	98
56) Ethyl methacrylate	10.67	69	25027	19.182	ug/l	97
57) 1,3-Dichloropropane	10.95	76	41653	20.505	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	51192	86.224	ug/l	97
59) 2-Hexanone	10.99	43	40059	94.345	ug/l	99
60) Dibromochloromethane	11.14	129	41957	21.705	ug/l	95
61) 1,2-Dibromoethane	11.25	107	25306	20.067	ug/l	99
64) Tetrachloroethene	10.88	164	45127	21.159	ug/l	93
65) Chlorobenzene	11.67	112	111668	20.698	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	46978	21.349	ug/l	97
67) Ethyl Benzene	11.75	91	199192	21.674	ug/l	97
68) m/p-Xylenes	11.86	106	156596	43.212	ug/l	100
69) o-Xylene	12.18	106	74593	23.186	ug/l	95
70) Styrene	12.20	104	123075	22.000	ug/l	100
71) Bromoform	12.37	173	24289	20.853	ug/l #	100
73) Isopropylbenzene	12.48	105	198908	21.481	ug/l	100
74) N-amyl acetate	12.29	43	22408	19.563	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	24042	19.666	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	36422	37.144	ug/l #	1
77) Bromobenzene	12.76	156	50252	21.829	ug/l	99
78) n-propylbenzene	12.83	91	232628	22.666	ug/l	99
79) 2-Chlorotoluene	12.91	91	132141	21.886	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	181282	22.612	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	7959	19.416	ug/l	99
82) 4-Chlorotoluene	13.01	91	141437	21.960	ug/l	98
83) tert-Butylbenzene	13.23	119	156258	22.904	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	178716	22.417	ug/l	99
85) sec-Butylbenzene	13.40	105	199076	21.863	ug/l	100
86) p-Isopropyltoluene	13.52	119	198795	22.276	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	96197	21.663	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	96128	21.638	ug/l	99
89) n-Butylbenzene	13.84	91	162630	21.935	ug/l	99
90) Hexachloroethane	14.11	117	35660	21.643	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	80122	20.803	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4972	19.487	ug/l	91

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Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration

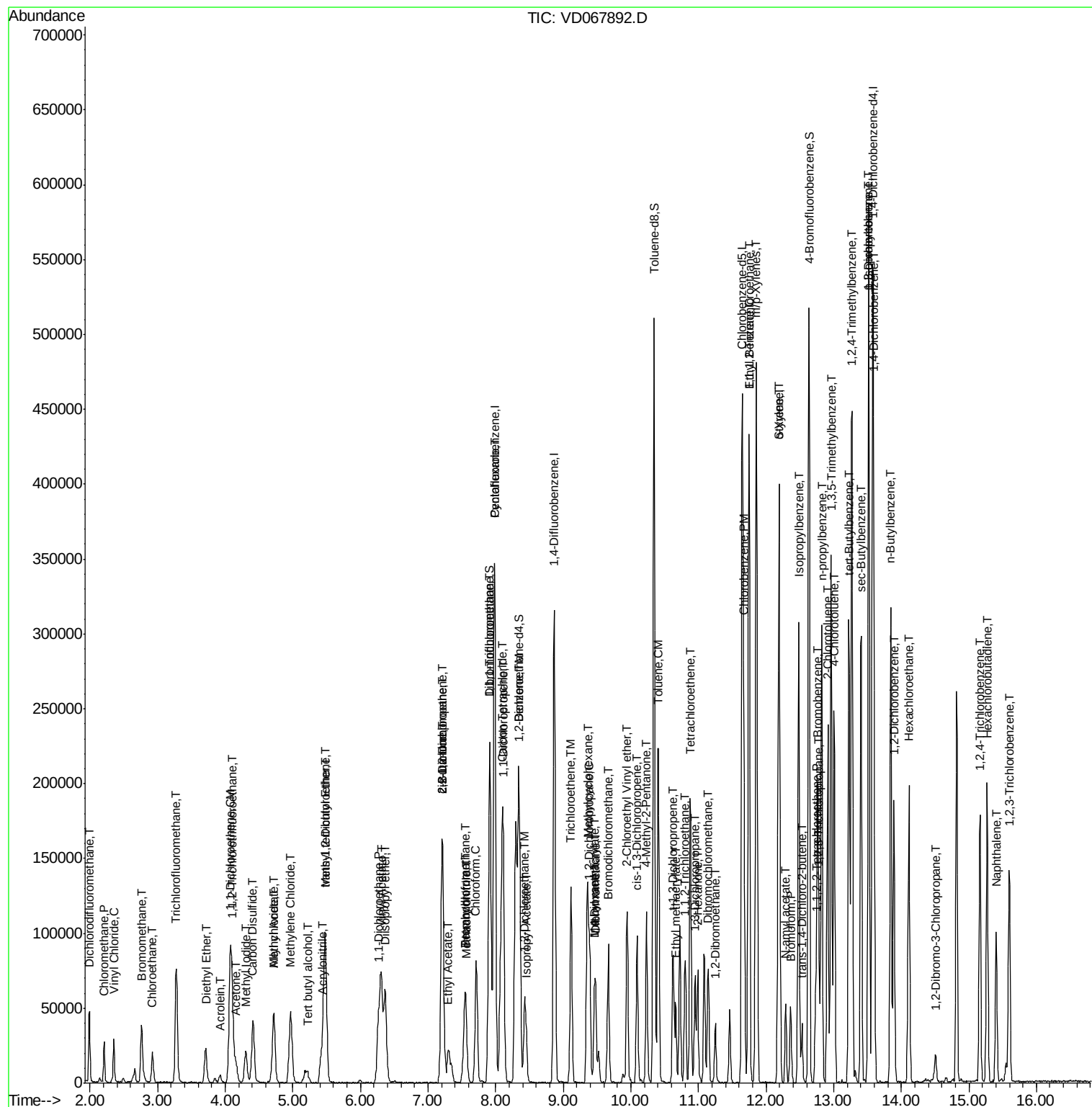
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	59903	22.235	ug/l	99
94) Hexachlorobutadiene	15.27	225	39366	22.393	ug/l	97
95) Naphthalene	15.40	128	91855	20.953	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	51727	22.233	ug/l	97

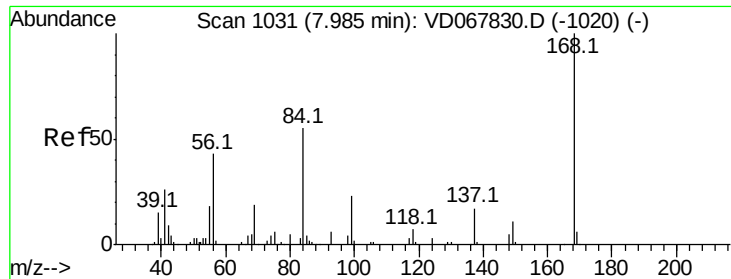
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

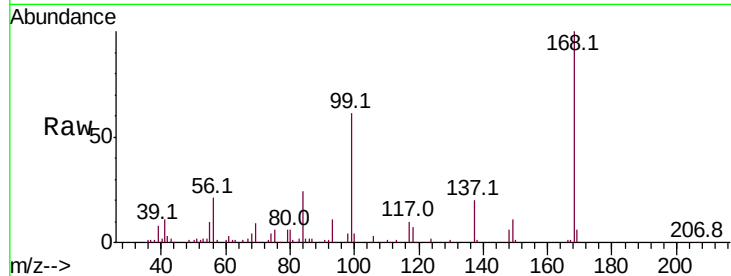
VD1207SBSD01

Tot Ion:168 Resp: 192501

Ion Ratio Lower Upper

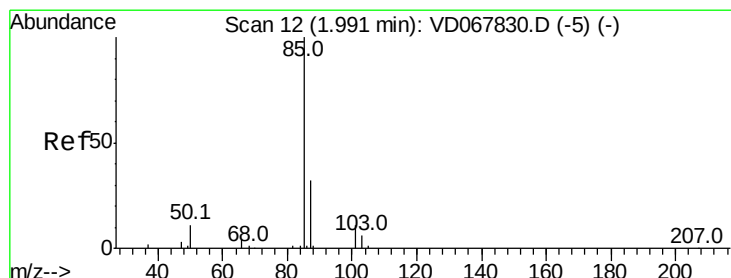
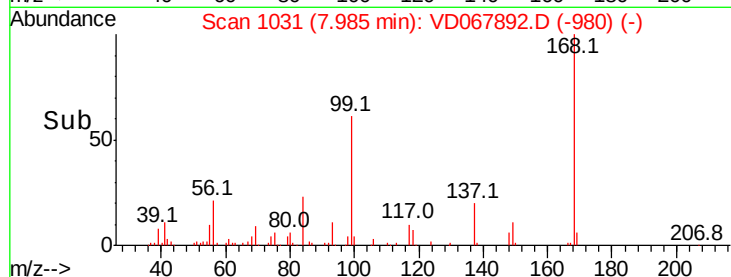
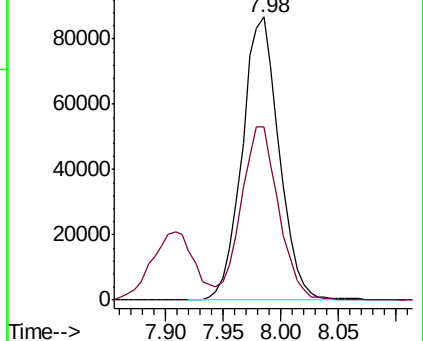
168 100

99 60.8 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.933 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067892.D

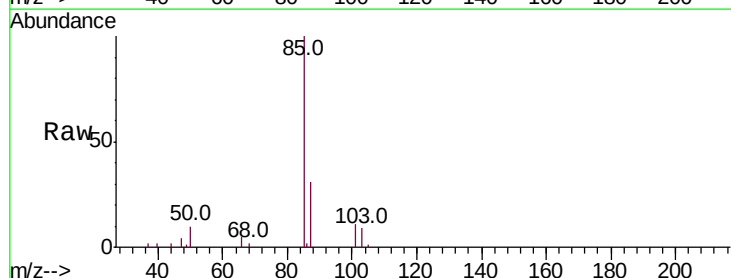
Acq: 07 Dec 2020 11:41

Tgt Ion: 85 Resp: 35069

Ion Ratio Lower Upper

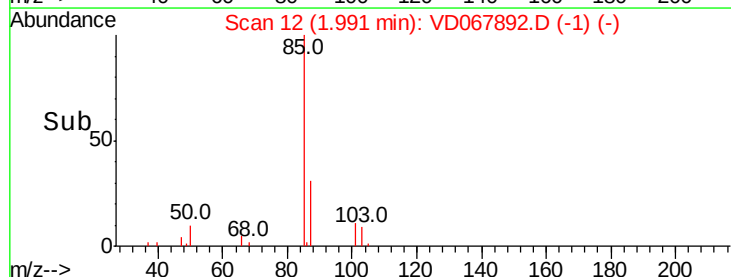
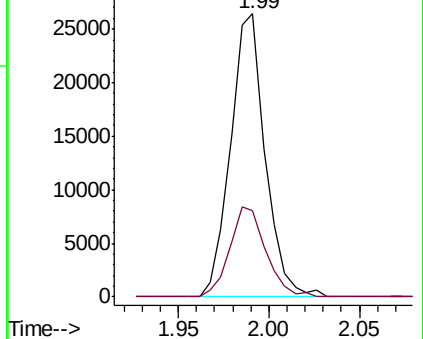
85 100

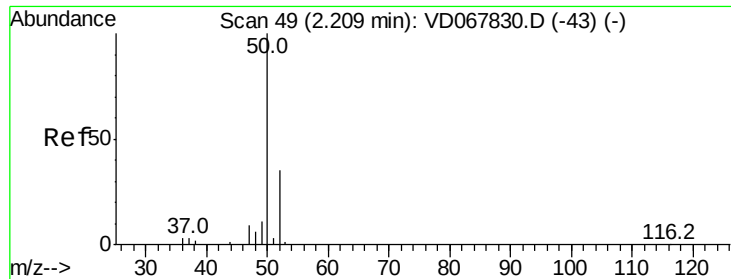
87 30.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.185 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

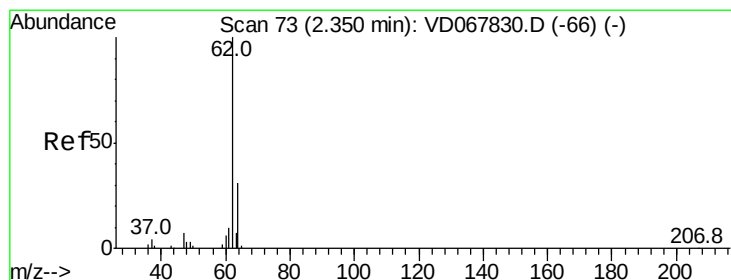
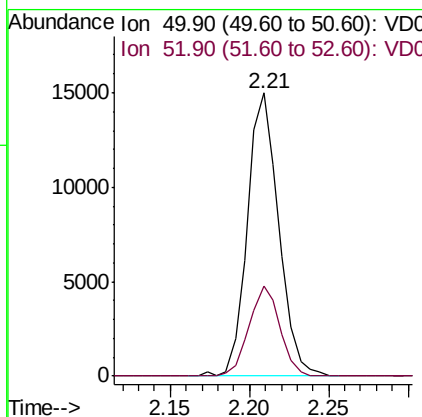
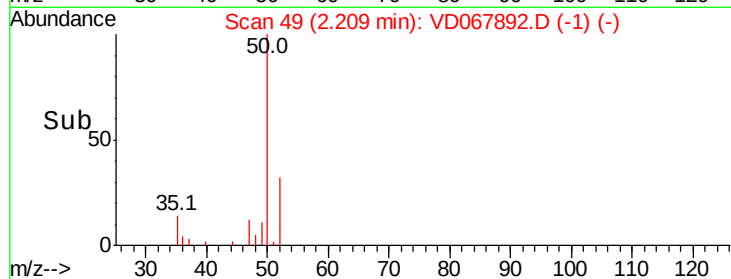
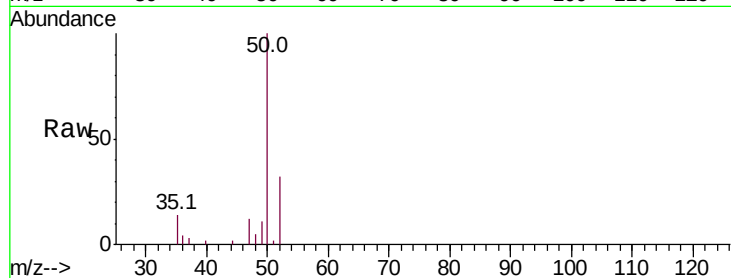
VD1207SBS01

Tot Ion: 50 Resp: 20482

Ion Ratio Lower Upper

50 100

52 31.9 27.8 41.6



#4

Vinyl Chloride

Concen: 20.611 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067892.D

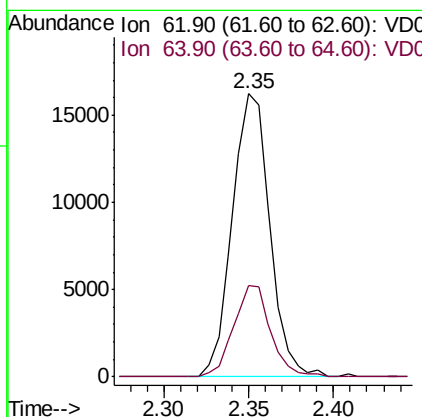
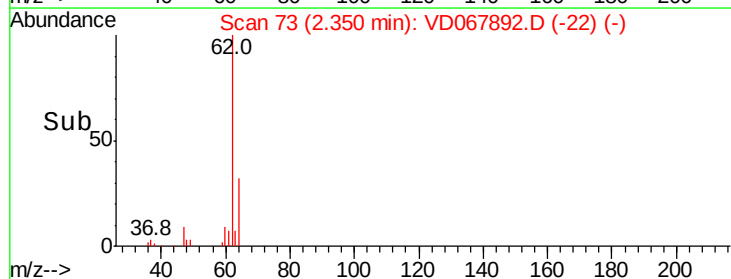
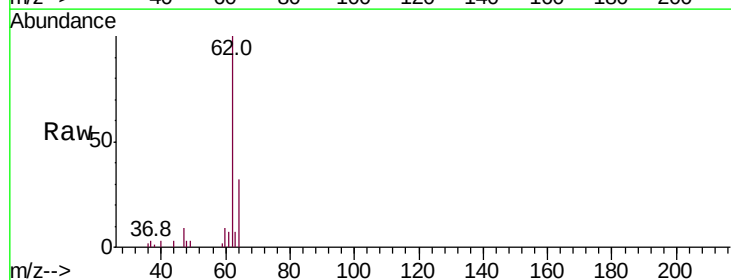
Acq: 07 Dec 2020 11:41

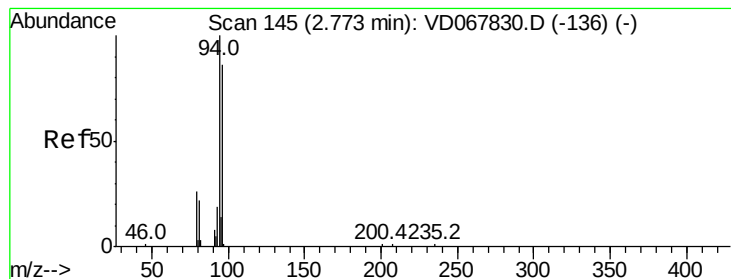
Tgt Ion: 62 Resp: 25097

Ion Ratio Lower Upper

62 100

64 32.4 24.5 36.7





#5

Bromomethane

Concen: 23.867 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

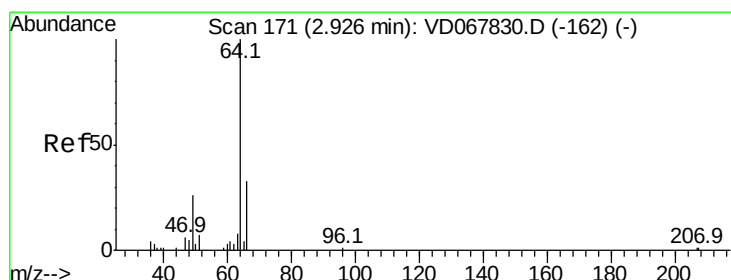
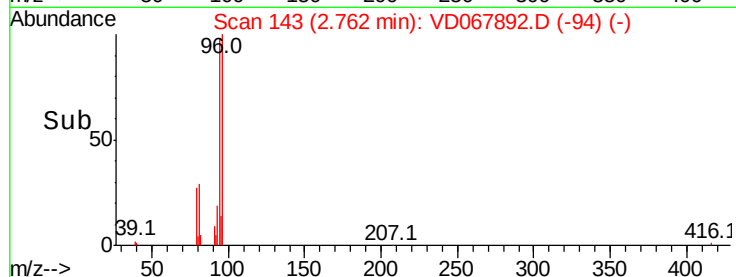
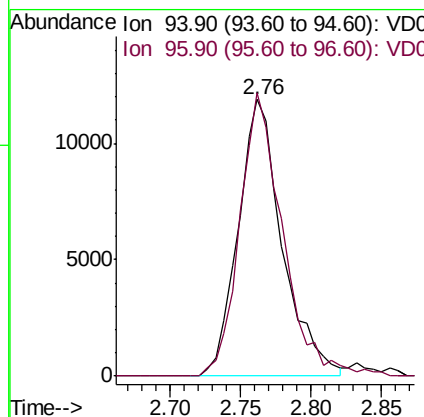
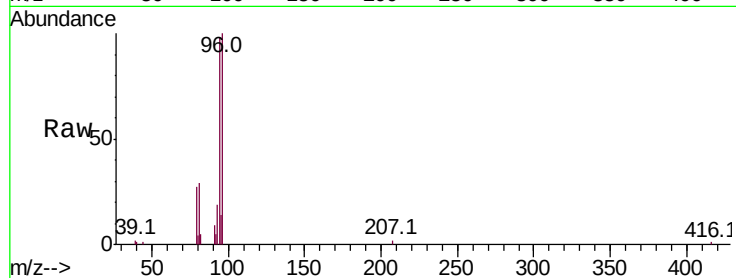
VD1207SBSD01

Tot Ion: 94 Resp: 25944

Ion Ratio Lower Upper

94 100

96 102.4 68.7 103.1



#6

Chloroethane

Concen: 22.871 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067892.D

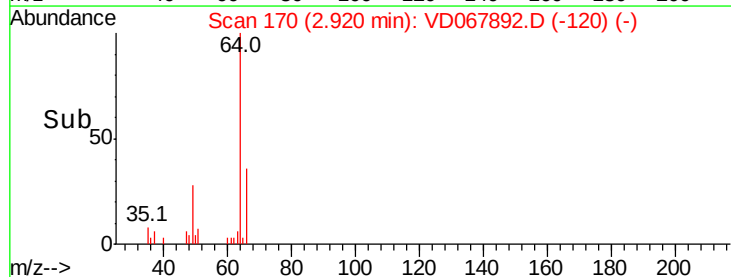
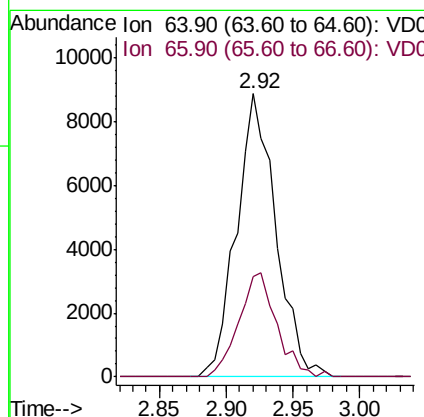
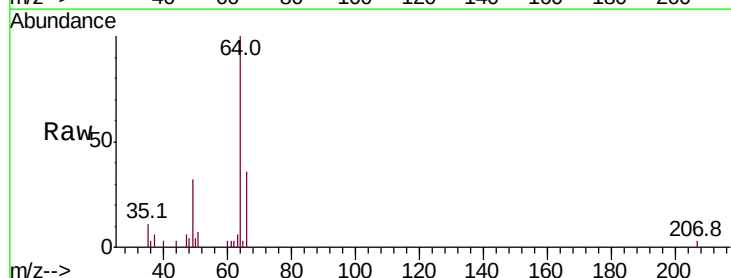
Acq: 07 Dec 2020 11:41

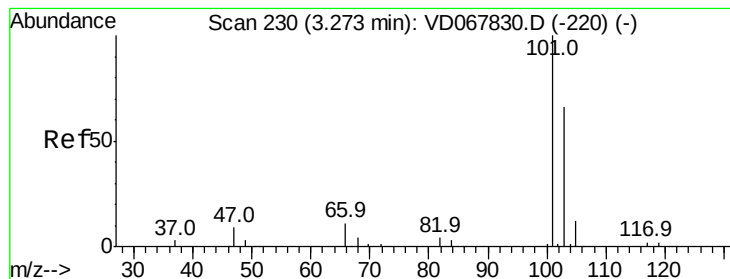
Tgt Ion: 64 Resp: 18132

Ion Ratio Lower Upper

64 100

66 35.6 26.1 39.1



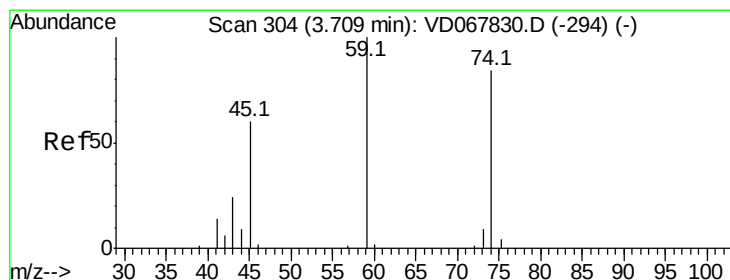
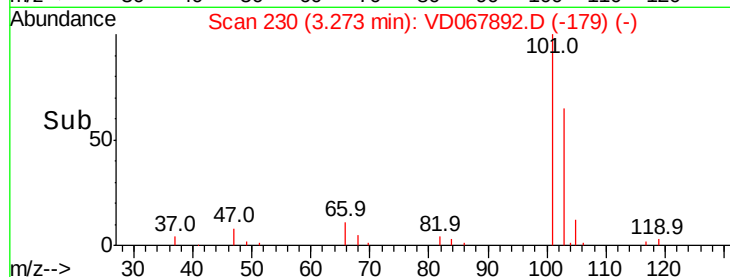
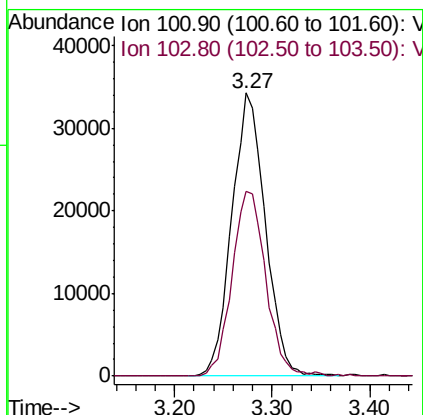
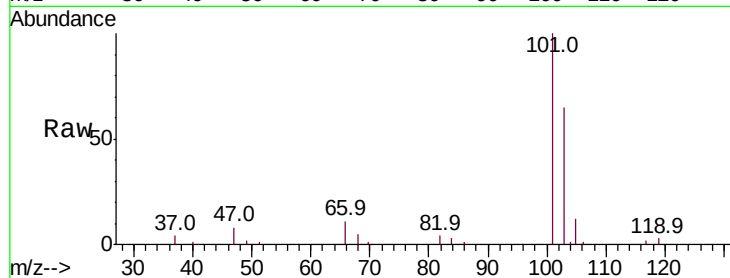


#7

Trichlorofluoromethane
 Concen: 21.949 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBSD01

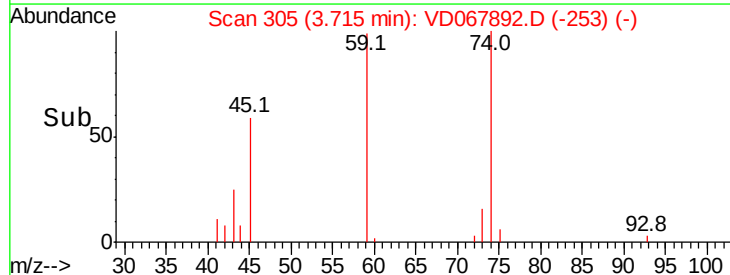
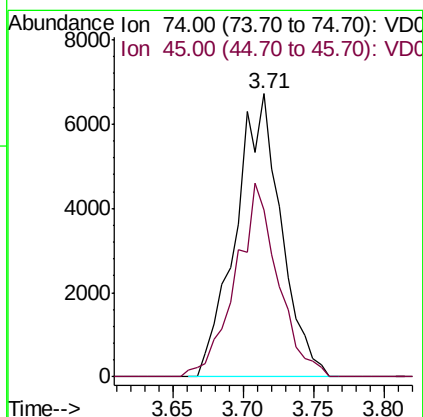
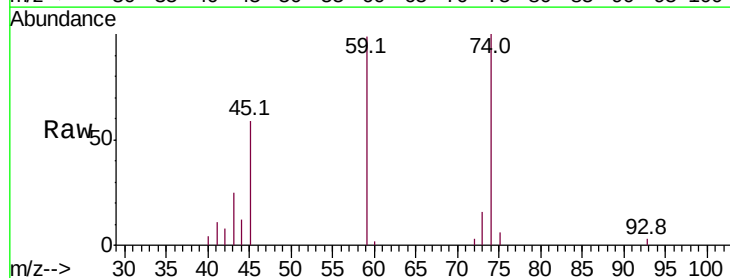
Tot Ion:101 Resp: 81784
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.0 79.6

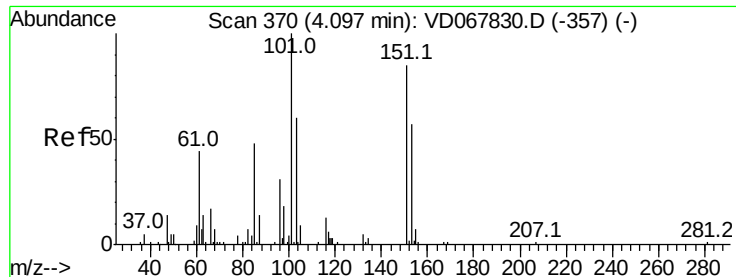


#8

Diethyl Ether
 Concen: 20.909 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion: 74 Resp: 15185
 Ion Ratio Lower Upper
 74 100
 45 63.7 33.9 101.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.850 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBSD01

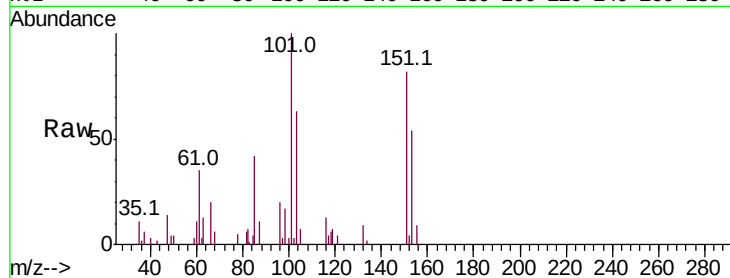
Tot Ion:101 Resp: 37124

Ion Ratio Lower Upper

101 100

85 45.7 36.2 54.4

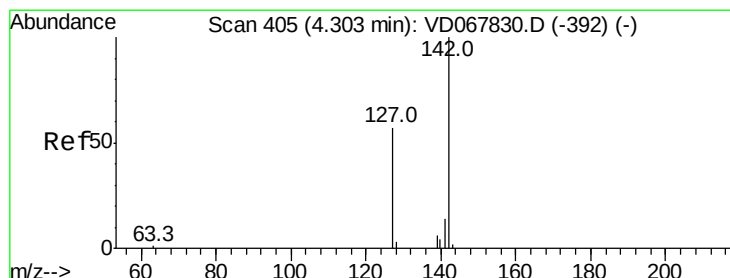
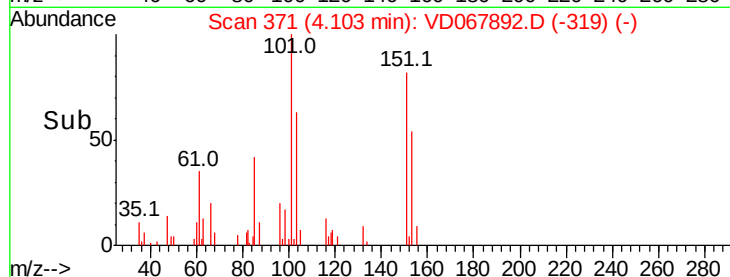
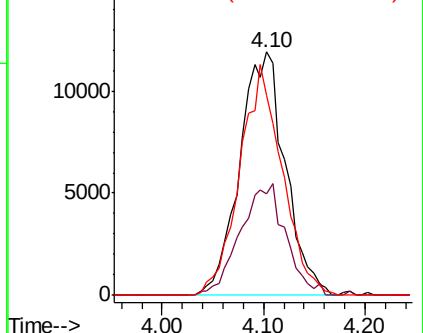
151 88.4 69.4 104.2



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: 19.276 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

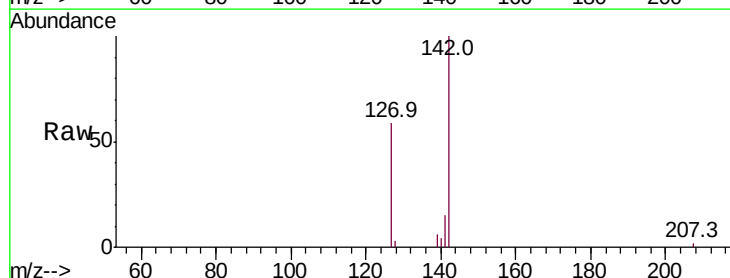
Tgt Ion:142 Resp: 34714

Ion Ratio Lower Upper

142 100

127 55.4 43.9 65.9

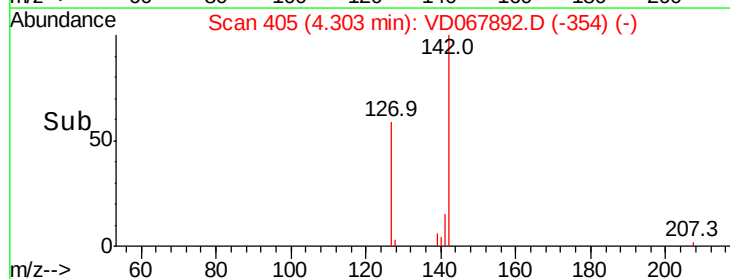
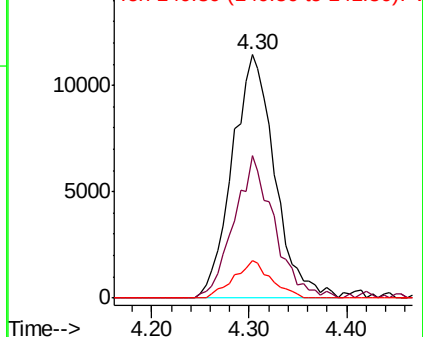
141 13.5 12.2 18.2

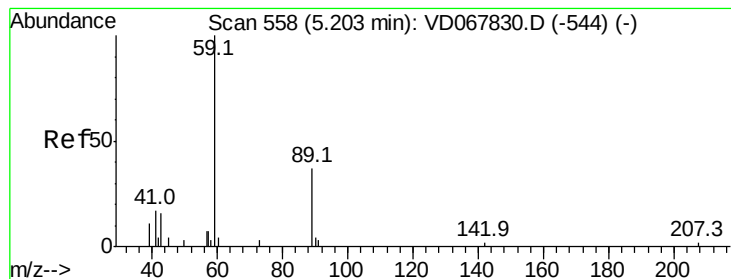


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



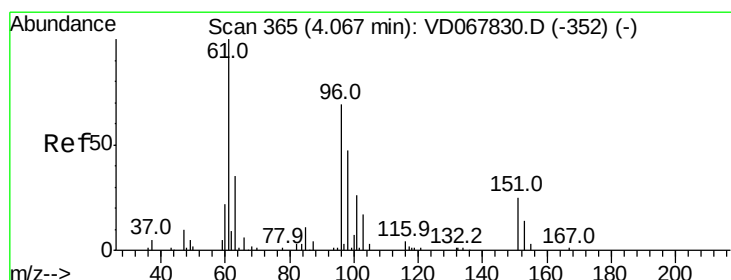
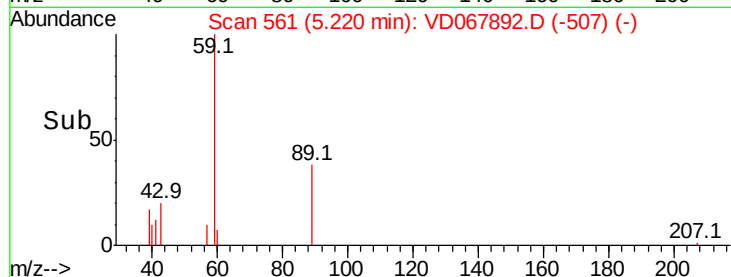
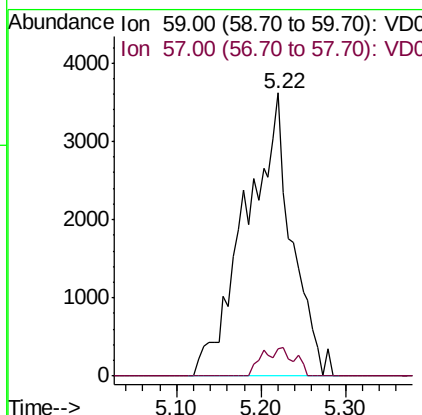
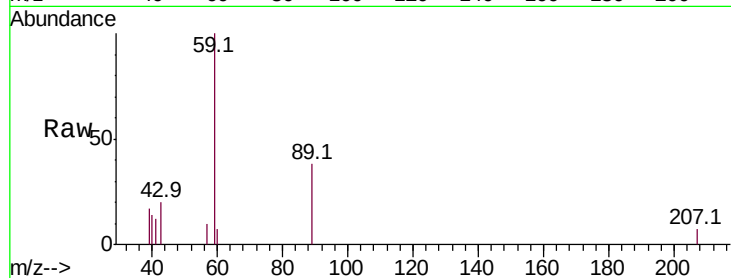


#11

Tert butyl alcohol
 Concen: 92.269 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

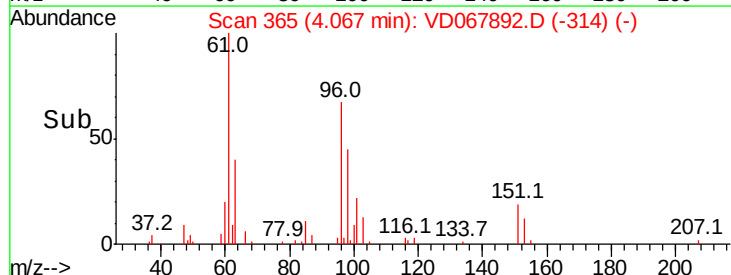
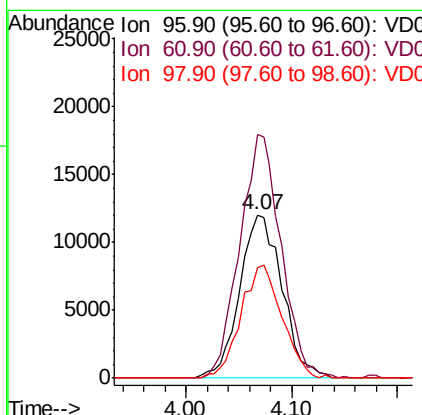
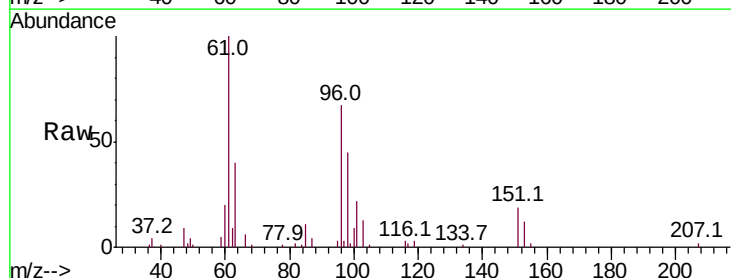
Tot Ion: 59 Resp: 13651
 Ion Ratio Lower Upper
 59 100
 57 4.0 7.7 11.5#

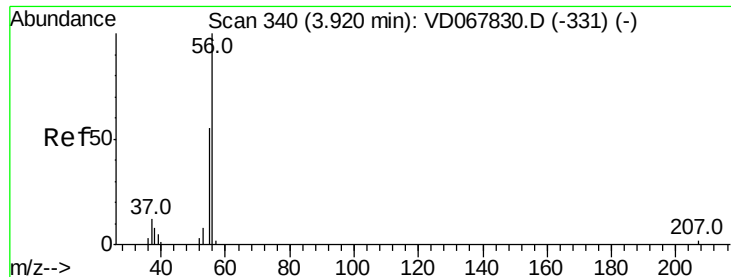


#12

1,1-Dichloroethene
 Concen: 21.030 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion: 96 Resp: 33546
 Ion Ratio Lower Upper
 96 100
 61 149.0 116.1 174.1
 98 67.3 54.6 82.0





#13

Acrolein

Concen: 72.970 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

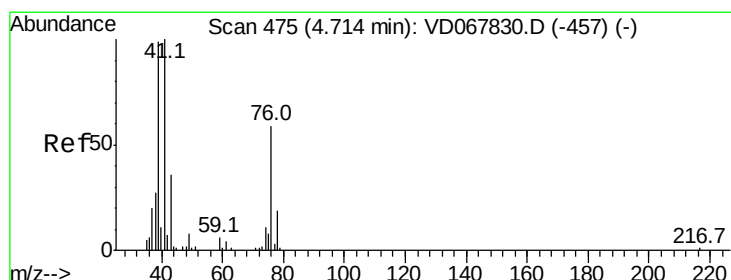
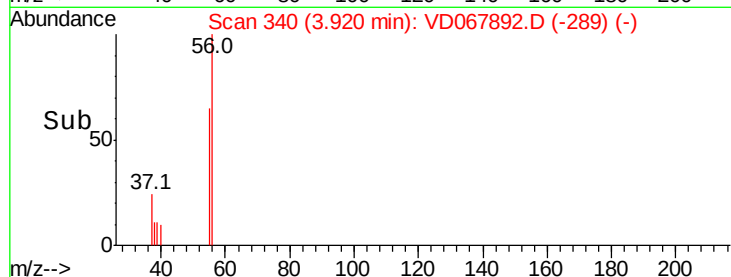
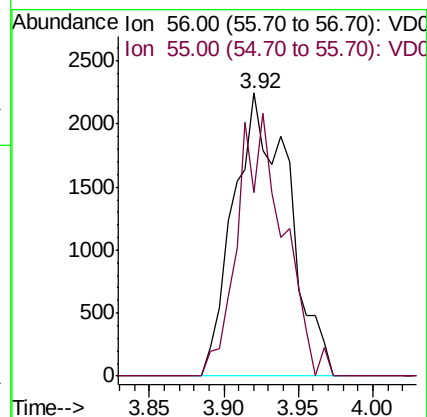
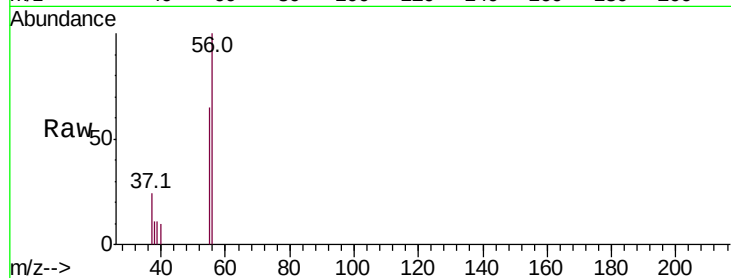
VD1207SBS01

Tot Ion: 56 Resp: 5795

Ion Ratio Lower Upper

56 100

55 77.1 56.5 84.7



#14

Allyl chloride

Concen: 20.654 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

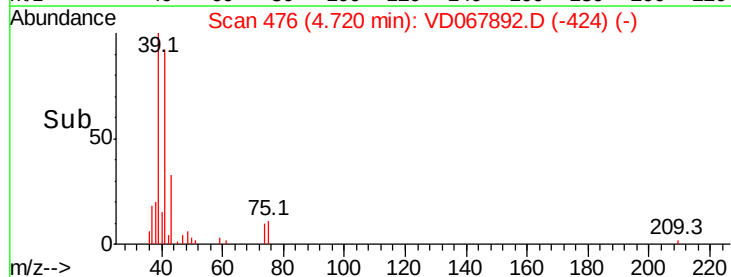
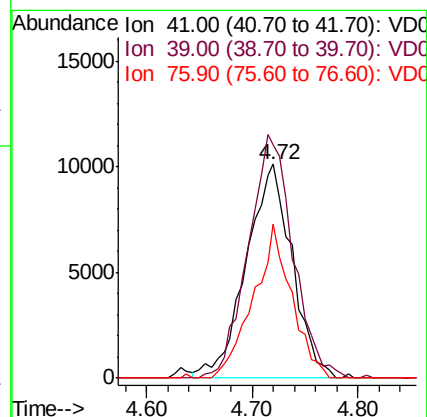
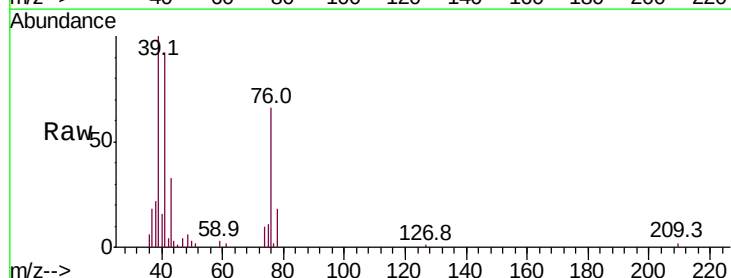
Tgt Ion: 41 Resp: 30478

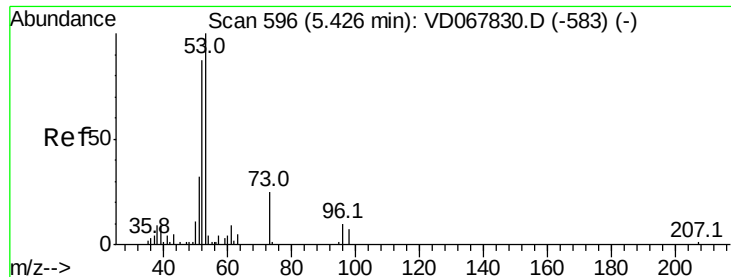
Ion Ratio Lower Upper

41 100

39 111.1 79.0 118.6

76 59.9 46.6 70.0





#15

Acrylonitrile

Concen: 98.437 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

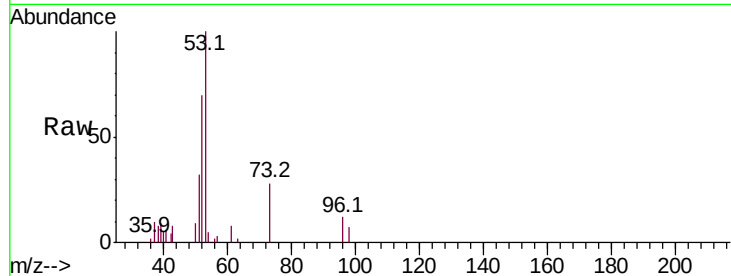
Tot Ion: 53 Resp: 24788

Ion Ratio Lower Upper

53 100

52 79.8 66.2 99.2

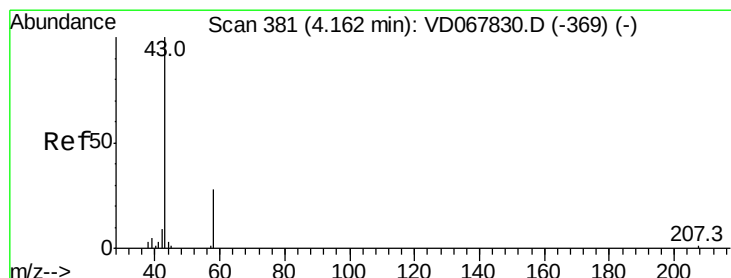
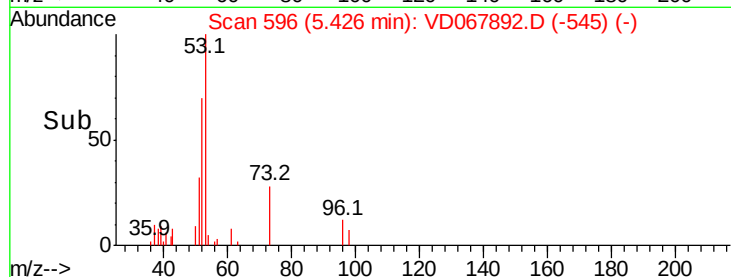
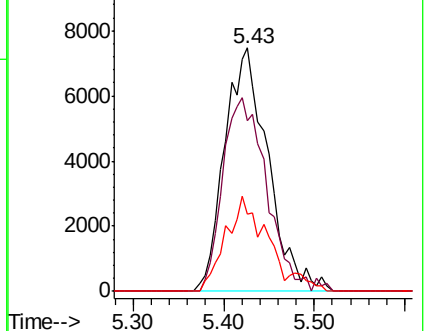
51 35.6 31.1 46.7



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 94.707 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067892.D

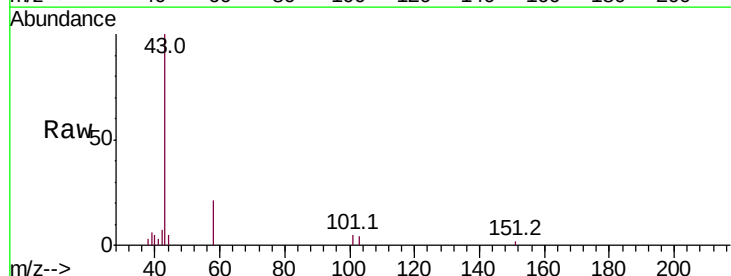
Acq: 07 Dec 2020 11:41

Tgt Ion: 43 Resp: 24185

Ion Ratio Lower Upper

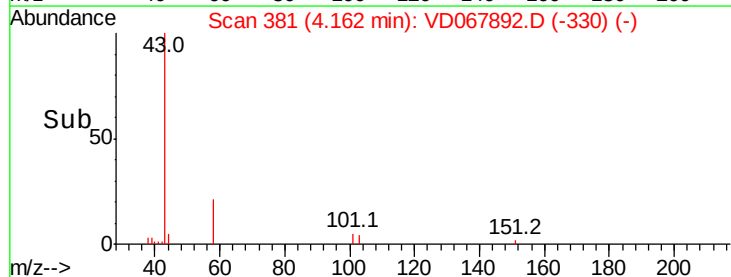
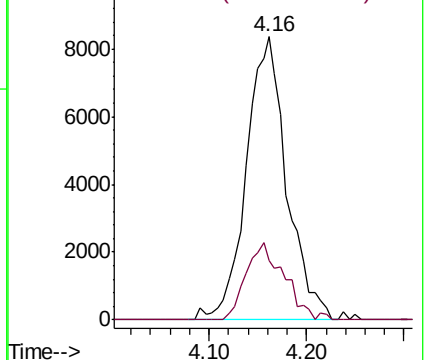
43 100

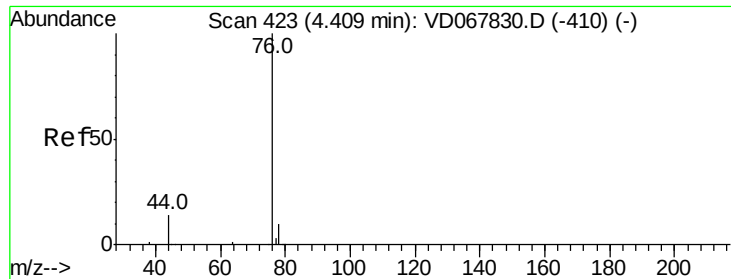
58 20.8 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

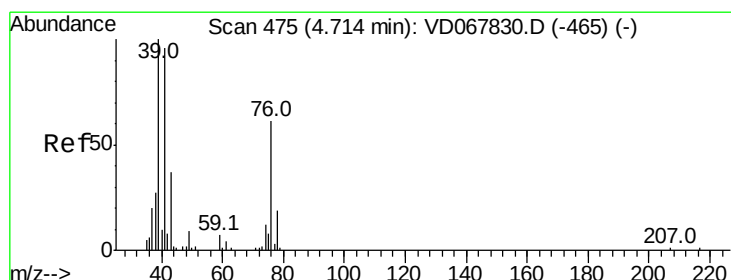
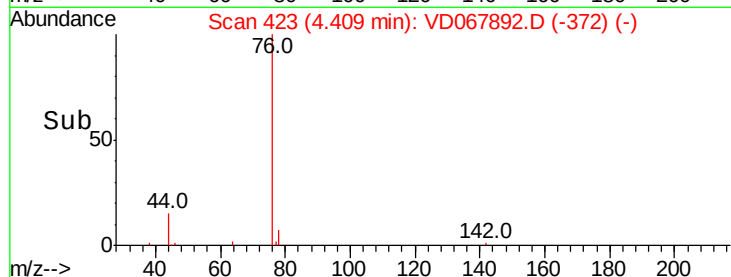
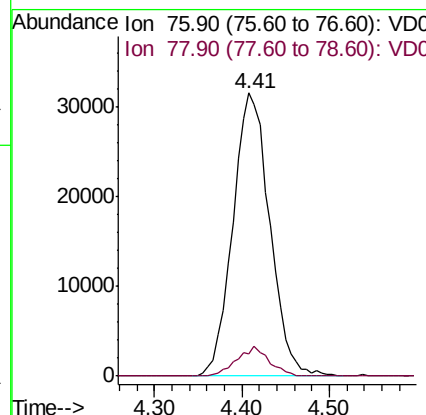
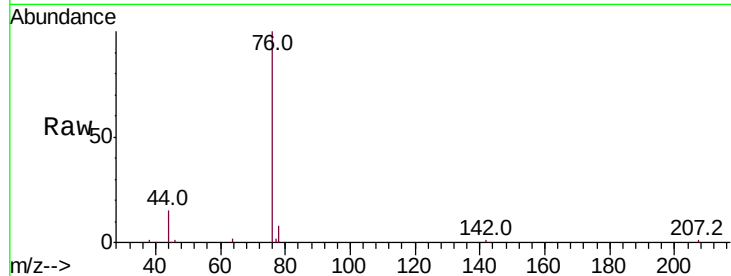




#17
Carbon Disulfide
Concen: 20.215 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

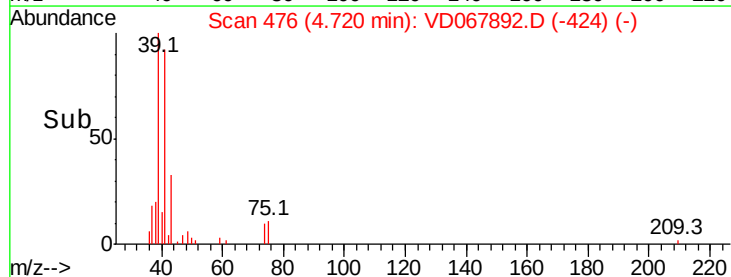
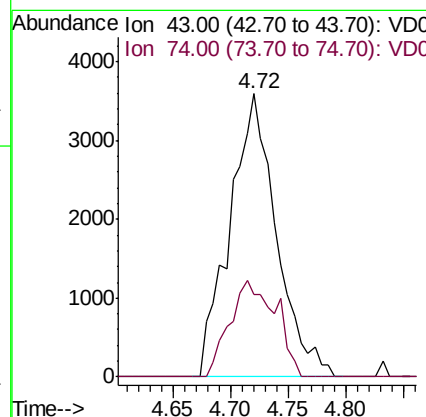
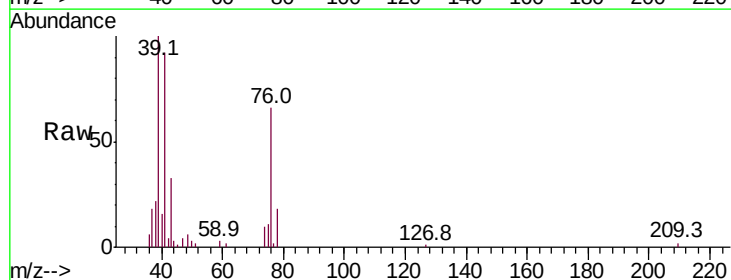
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

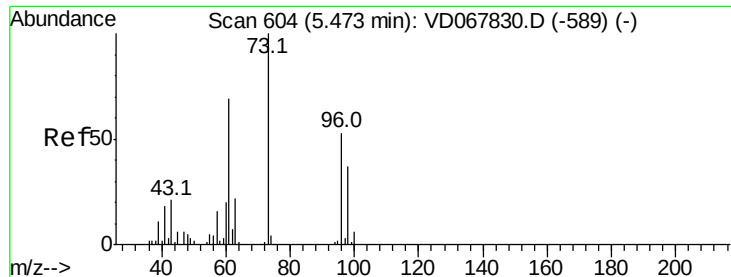
Tot Ion: 76 Resp: 90030
Ion Ratio Lower Upper
76 100
78 7.9 7.8 11.6



#18
Methyl Acetate
Concen: 20.650 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 43 Resp: 10101
Ion Ratio Lower Upper
43 100
74 33.6 27.0 40.4

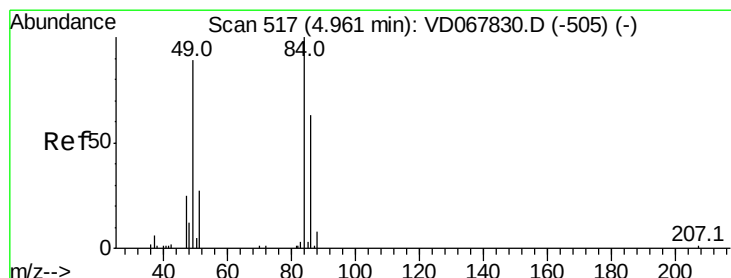
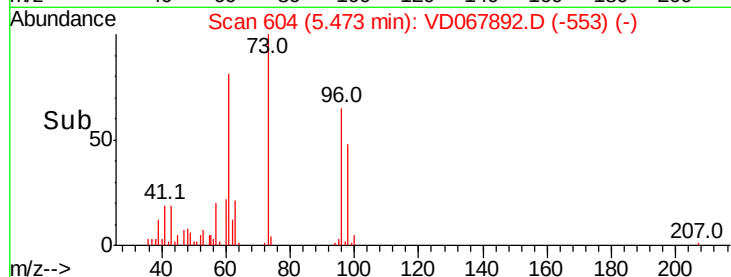
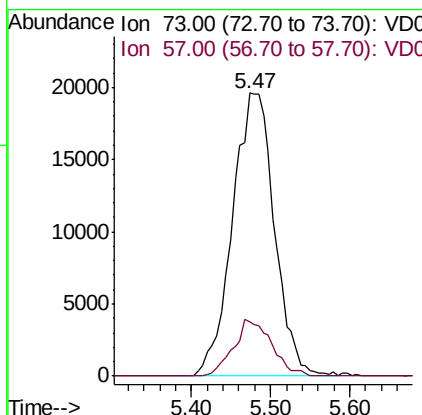
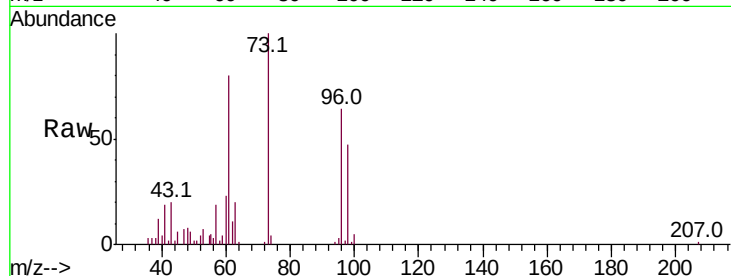




#19
Methyl tert-butyl Ether
Concen: 21.123 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

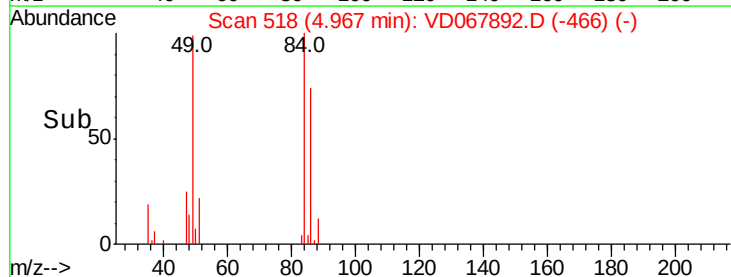
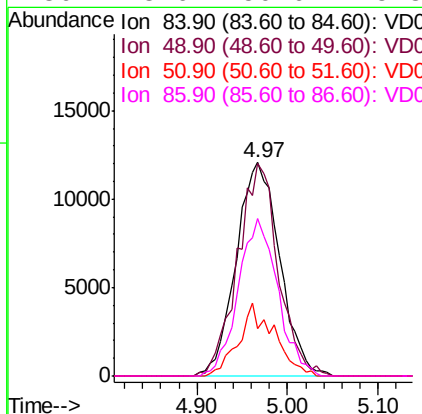
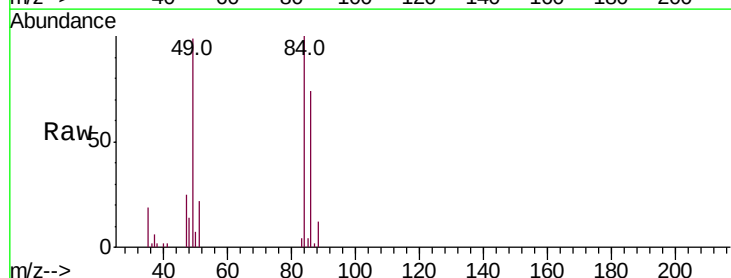
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

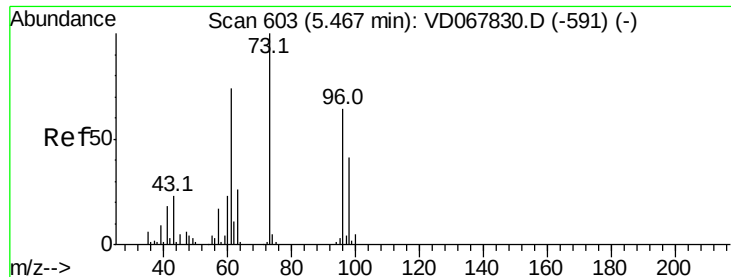
Tot Ion: 73 Resp: 72150
Ion Ratio Lower Upper
73 100
57 19.4 13.2 19.8



#20
Methylene Chloride
Concen: 22.116 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 84 Resp: 40373
Ion Ratio Lower Upper
84 100
49 99.3 71.4 107.0
51 22.3 21.8 32.8
86 73.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.812 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBSD01

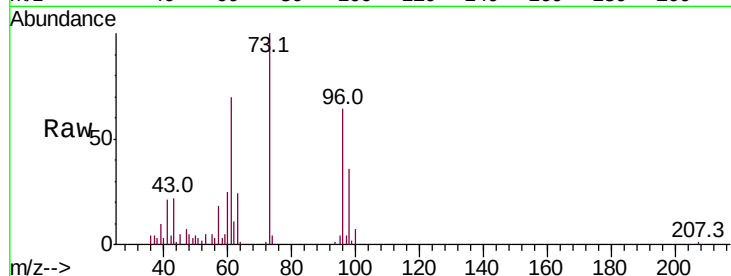
Tot Ion: 96 Resp: 39592

Ion Ratio Lower Upper

96 100

61 109.2 93.1 139.7

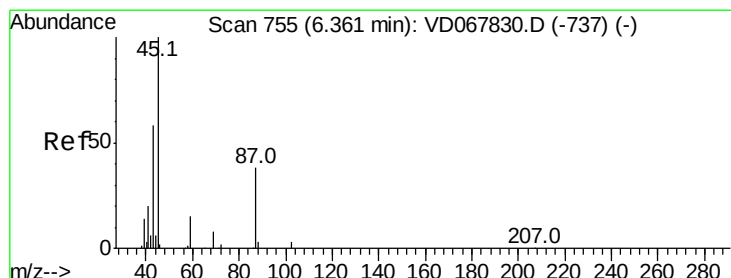
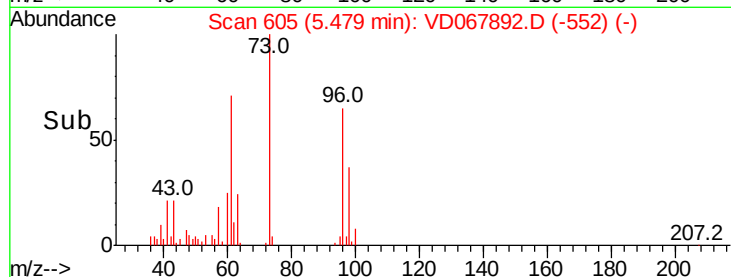
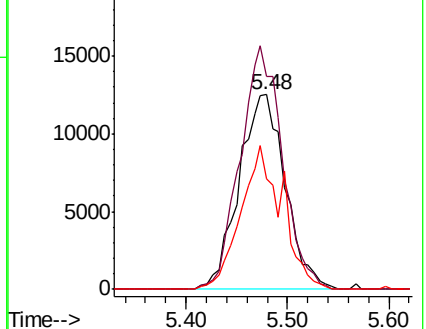
98 56.9 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.917 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Tgt Ion: 45 Resp: 62082

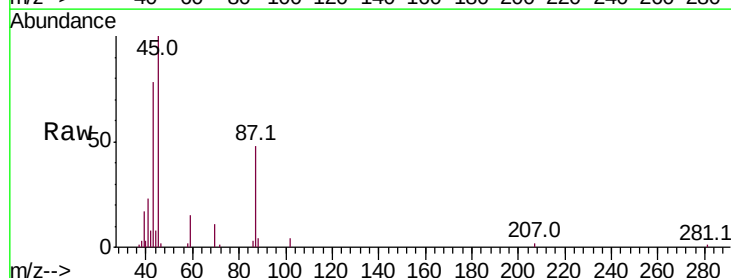
Ion Ratio Lower Upper

45 100

43 76.7 49.8 74.6#

87 48.2 32.1 48.1#

59 14.8 11.9 17.9

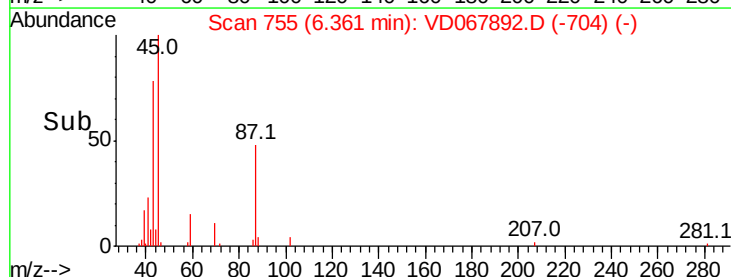
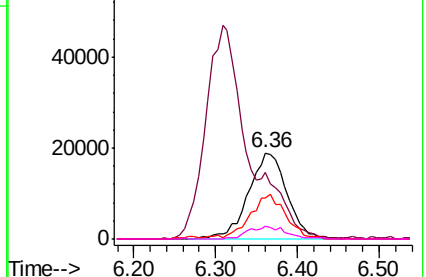


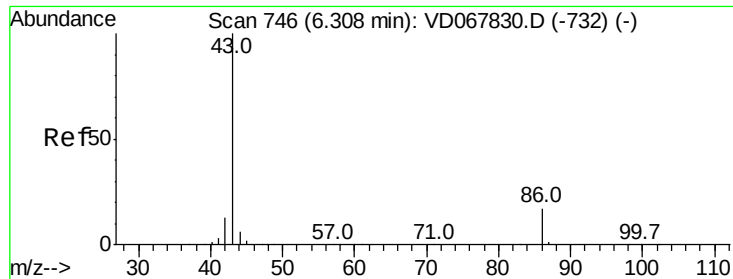
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 104.509 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

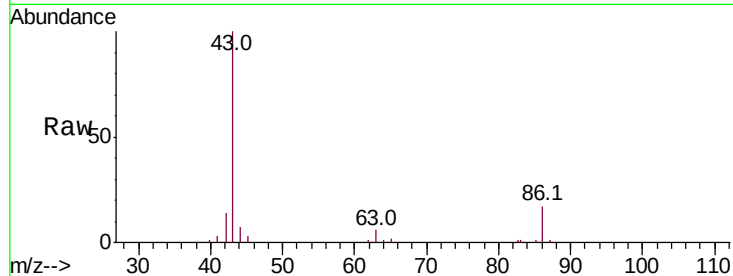
VD1207SBS01

Tot Ion: 43 Resp: 172559

Ion Ratio Lower Upper

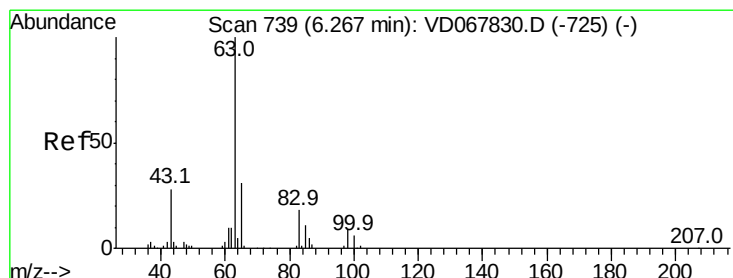
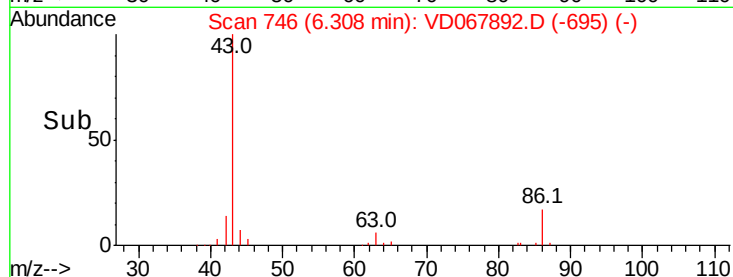
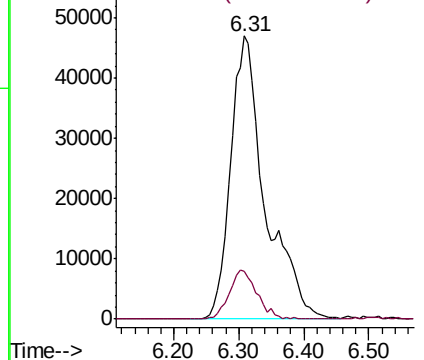
43 100

86 16.8 13.8 20.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.234 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

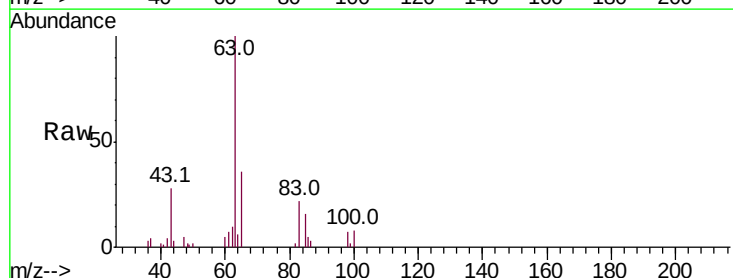
Tgt Ion: 63 Resp: 55246

Ion Ratio Lower Upper

63 100

98 6.9 4.5 13.5

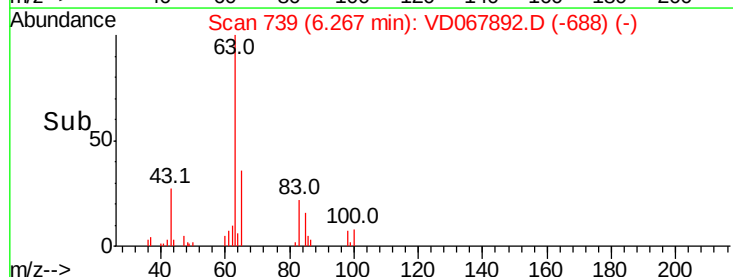
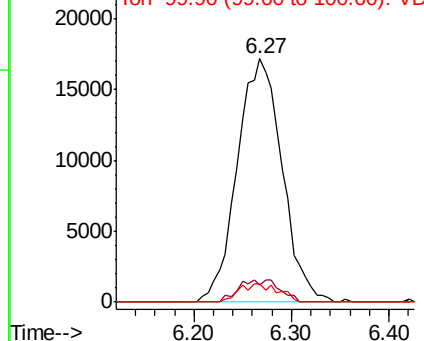
100 7.5 3.0 9.2

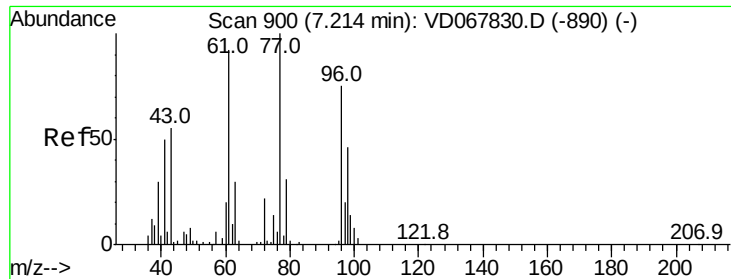


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

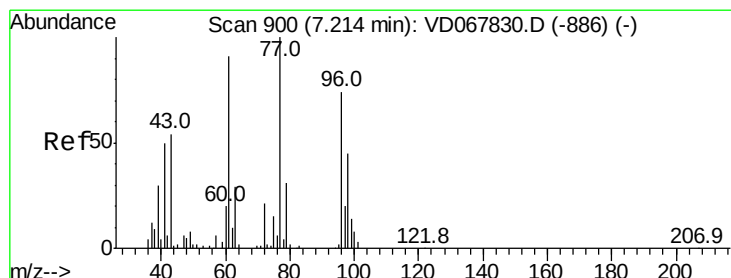
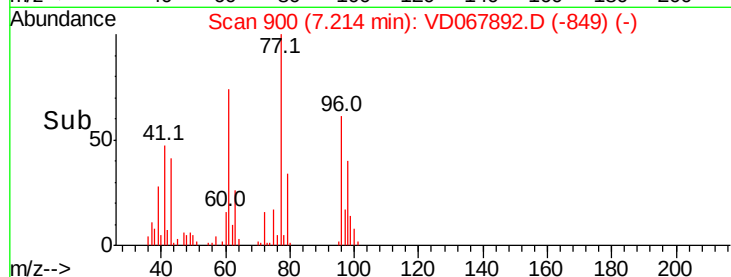
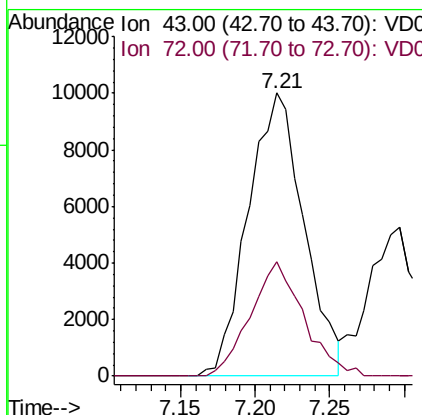
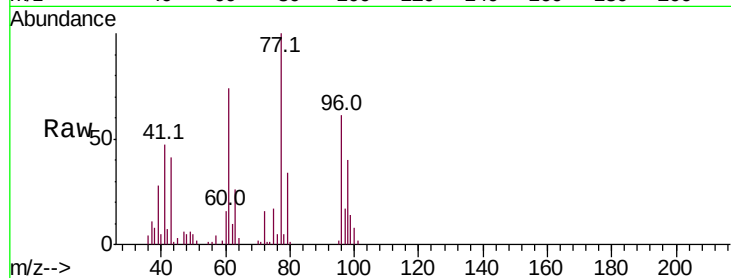




#25
2-Butanone
Concen: 97.005 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

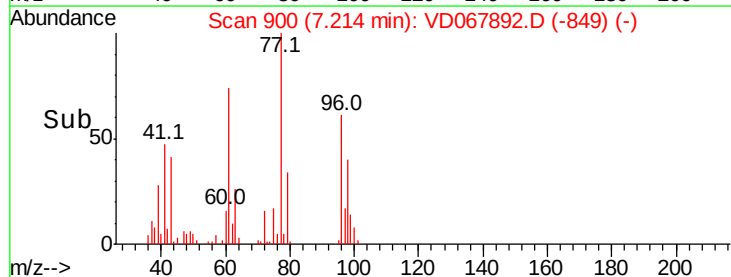
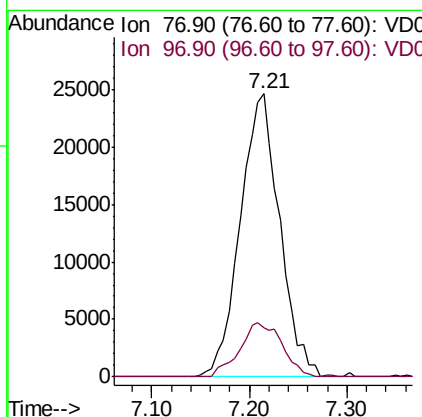
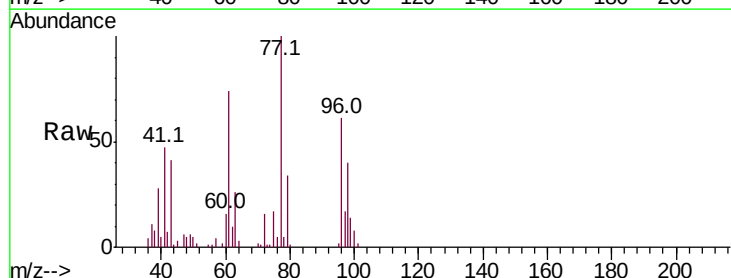
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

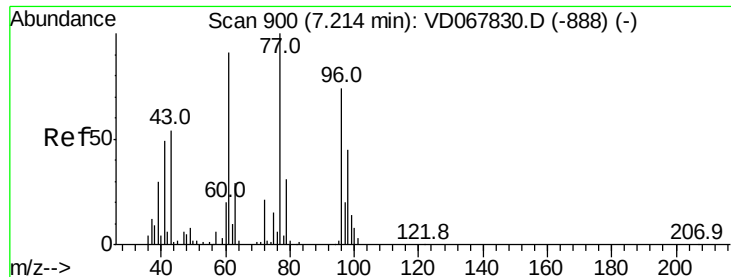
Tot Ion: 43 Resp: 26055
Ion Ratio Lower Upper
43 100
72 40.4 31.3 46.9



#26
2,2-Dichloropropane
Concen: 22.422 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 77 Resp: 69563
Ion Ratio Lower Upper
77 100
97 20.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.793 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBSD01

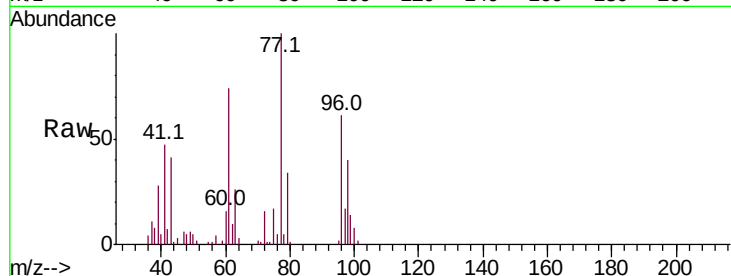
Tot Ion: 96 Resp: 41283

Ion Ratio Lower Upper

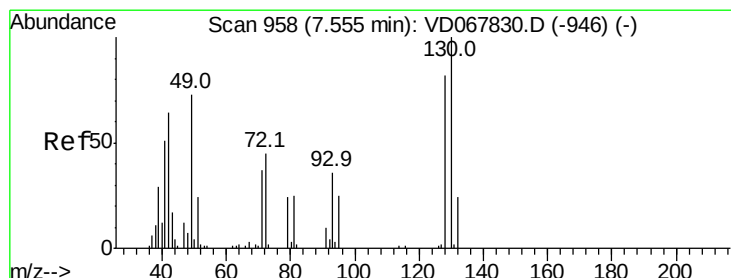
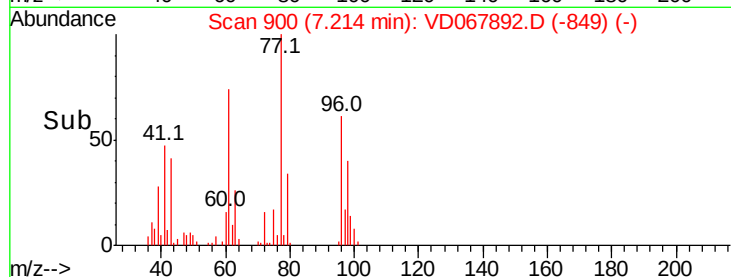
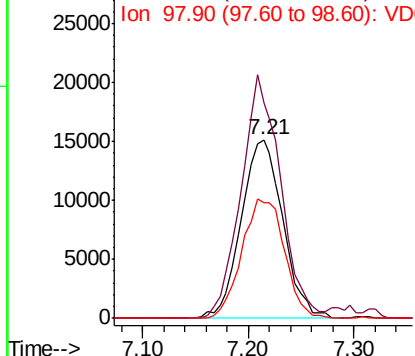
96 100

61 128.9 0.0 248.4

98 68.4 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 18.369 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

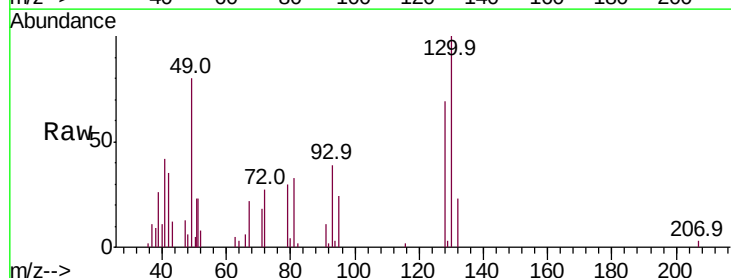
Tgt Ion: 49 Resp: 15174

Ion Ratio Lower Upper

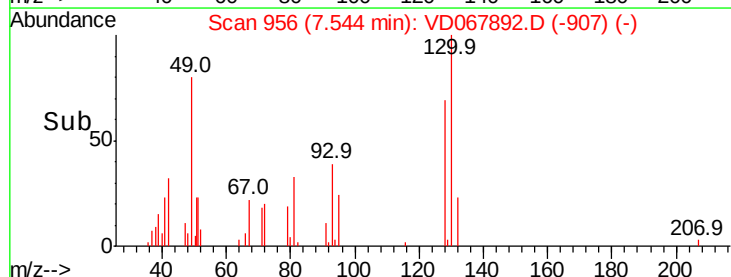
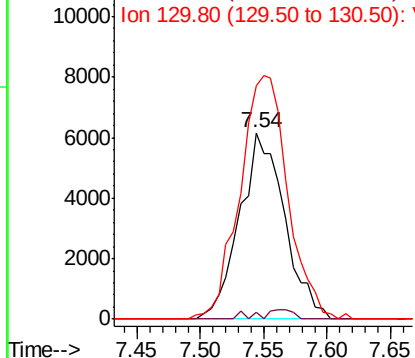
49 100

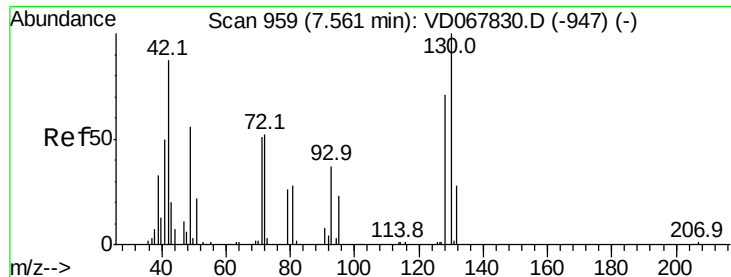
129 3.2 0.0 3.4

130 140.1 110.2 165.2



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC

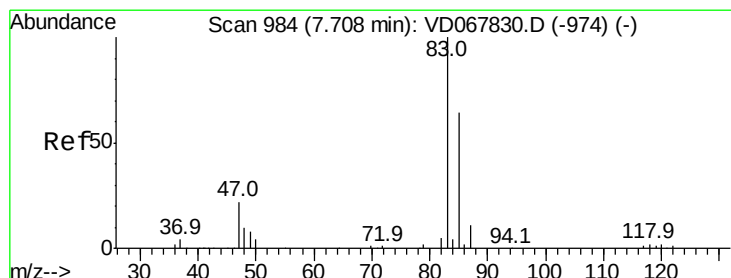
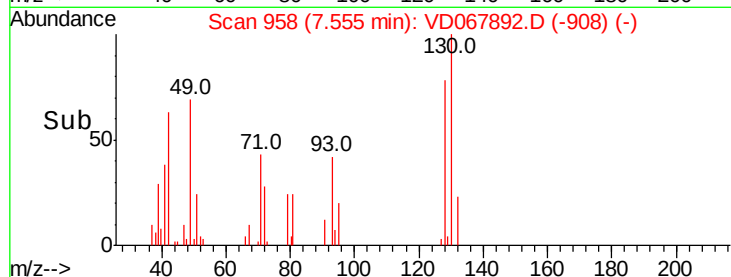
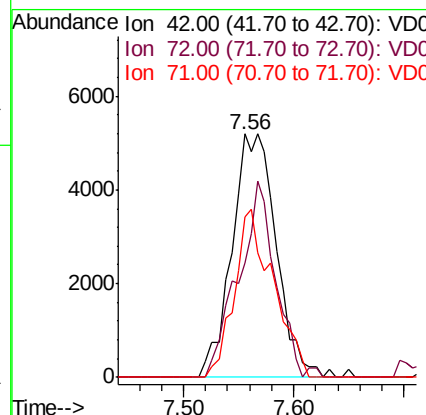
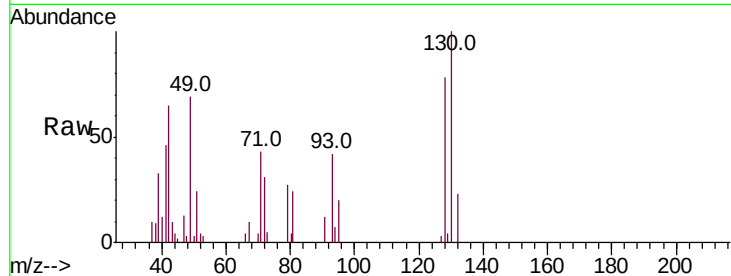




#29
Tetrahydrofuran
Concen: 95.662 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

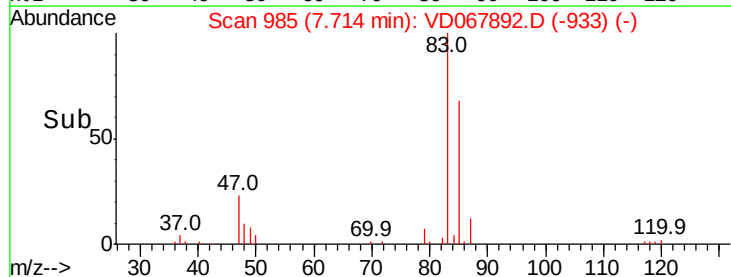
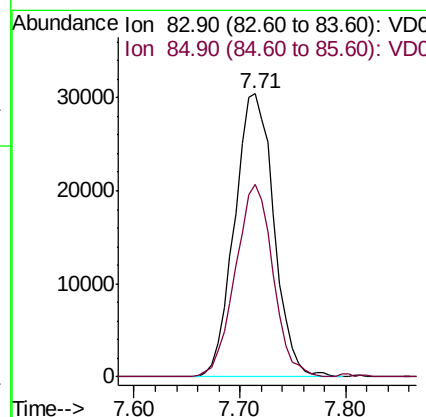
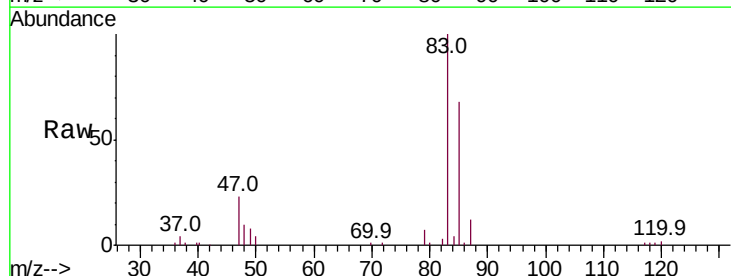
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

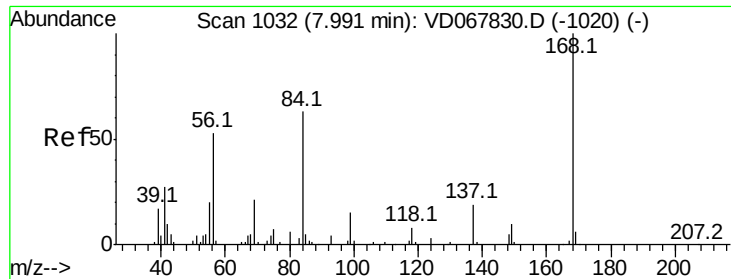
Tot Ion: 42 Resp: 14630
Ion Ratio Lower Upper
42 100
72 67.5 51.9 77.9
71 60.6 48.2 72.4



#30
Chloroform
Concen: 22.554 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 83 Resp: 78417
Ion Ratio Lower Upper
83 100
85 67.9 51.0 76.4

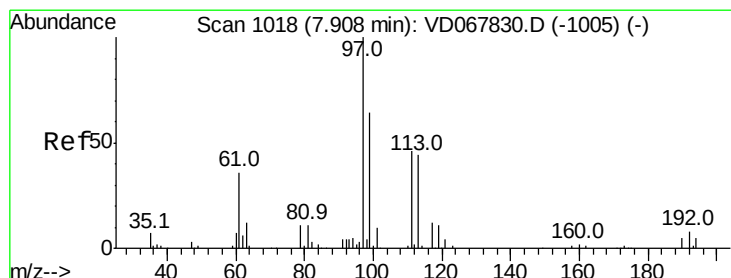
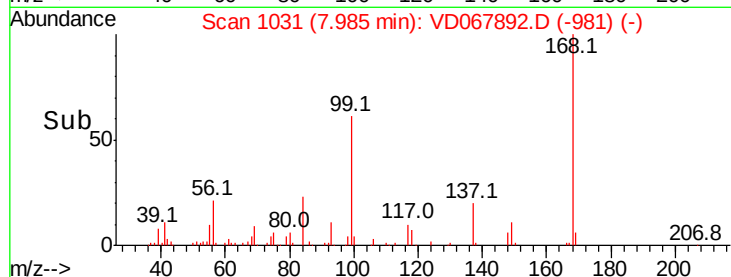
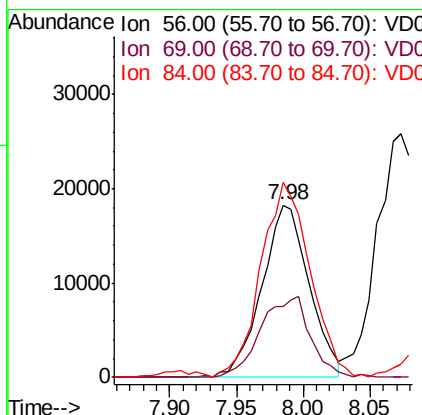
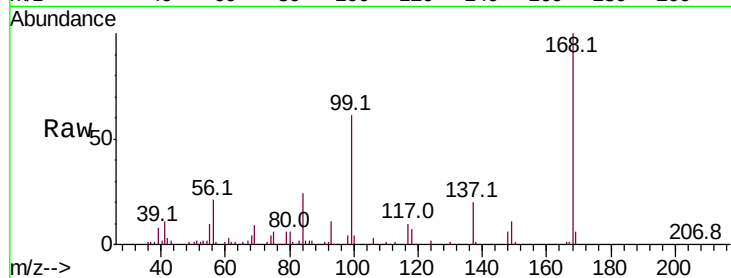




#31
Cyclohexane
Concen: 20.648 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

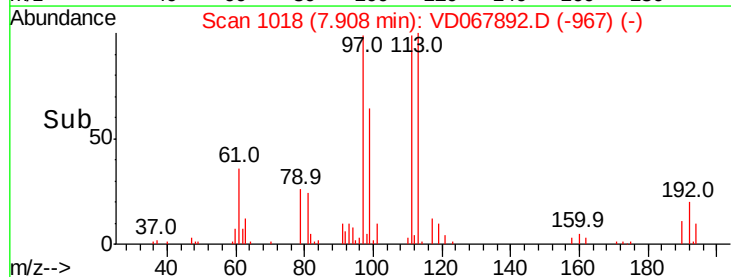
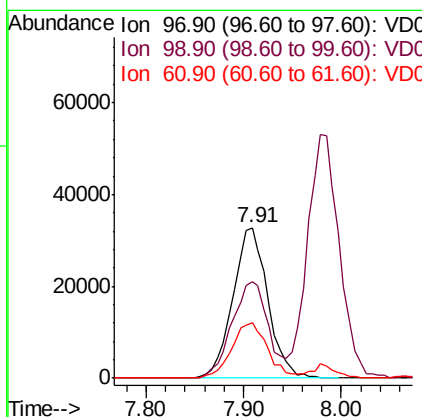
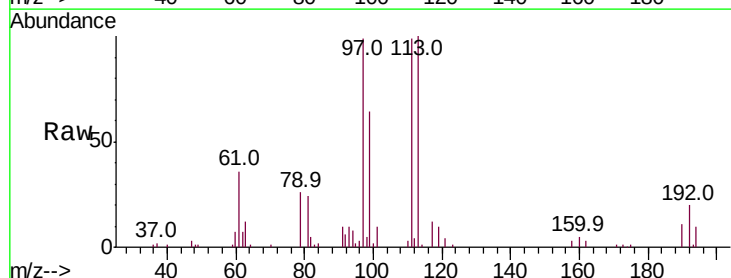
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

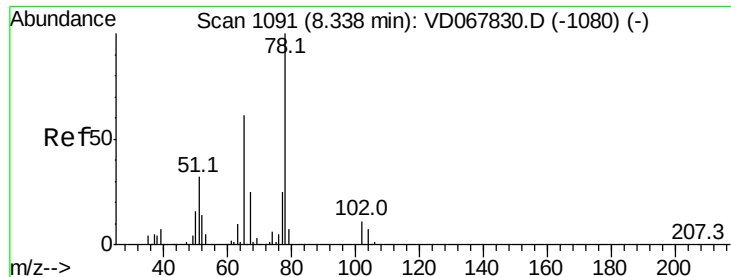
Tot Ion: 56 Resp: 44957
Ion Ratio Lower Upper
56 100
69 41.5 32.1 48.1
84 111.6 93.2 139.8



#32
1,1,1-Trichloroethane
Concen: 22.179 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 97 Resp: 81404
Ion Ratio Lower Upper
97 100
99 67.2 51.4 77.2
61 37.3 30.8 46.2

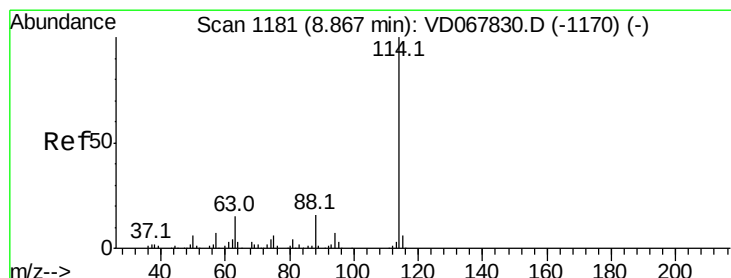
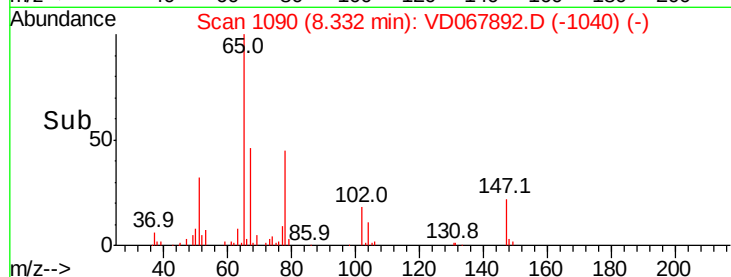
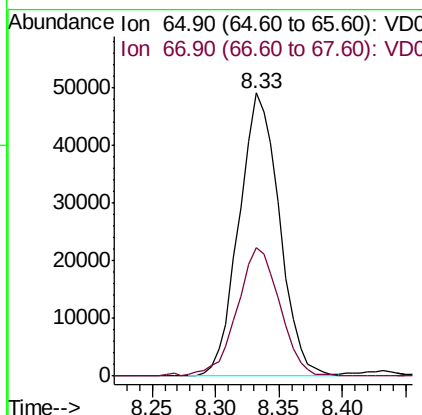
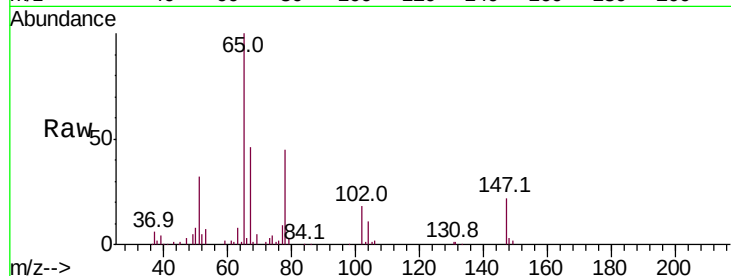




#33
 1,2-Dichloroethane-d4
 Concen: 52.718 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

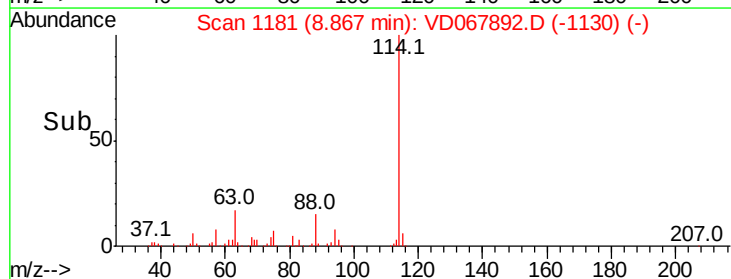
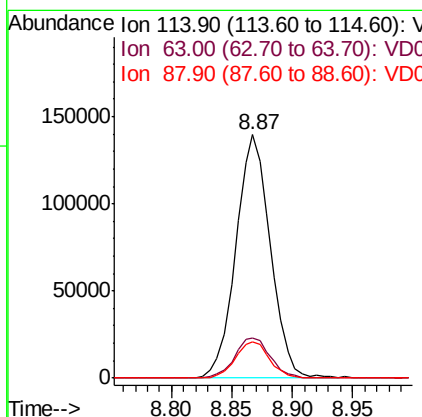
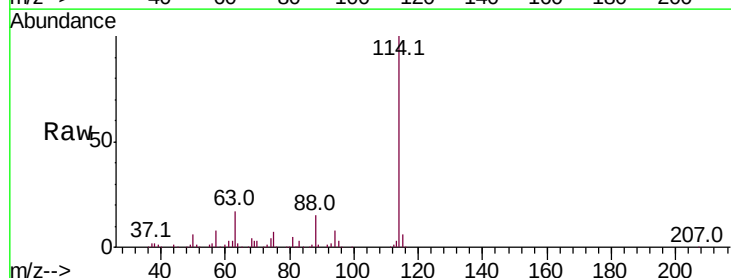
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBSD01

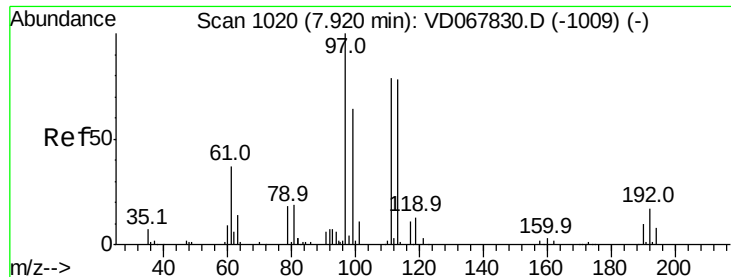
Tot Ion: 65 Resp: 108946
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion: 114 Resp: 277213
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 30.8
 88 15.0 0.0 31.8

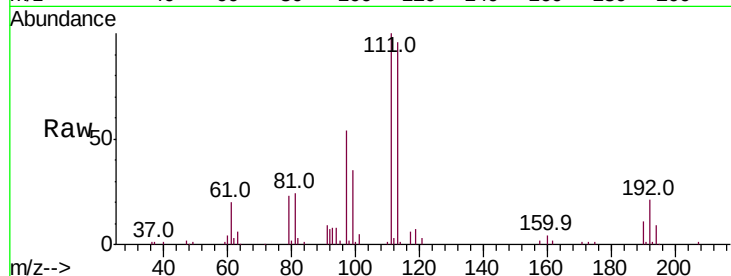




#35
 Dibromofluoromethane
 Concen: 52.439 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.2	121.8
192	21.9	16.8	25.2

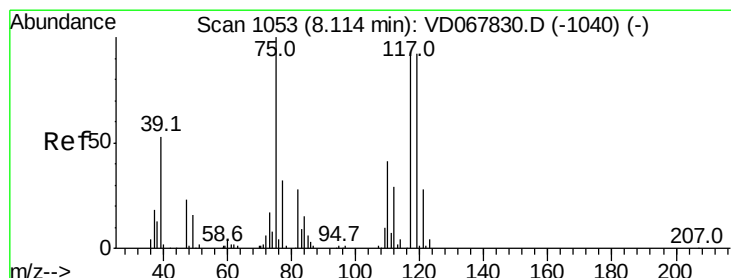
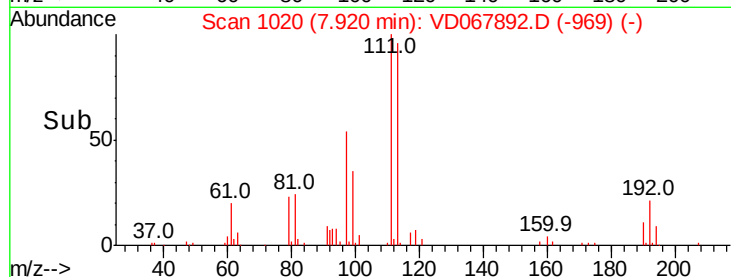
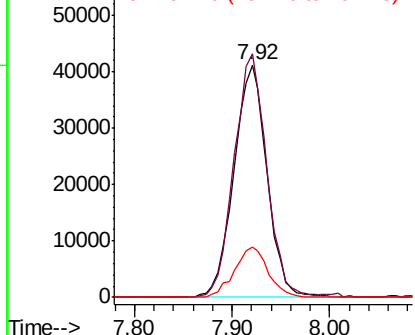


Abundance

Ion 112.80 (112.50 to 113.50): V

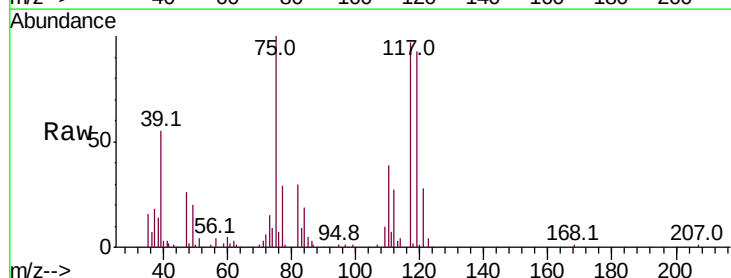
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 22.061 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.9	20.3	61.0
77	31.4	24.7	37.1

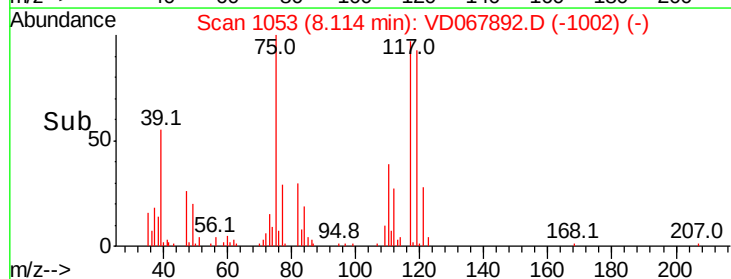
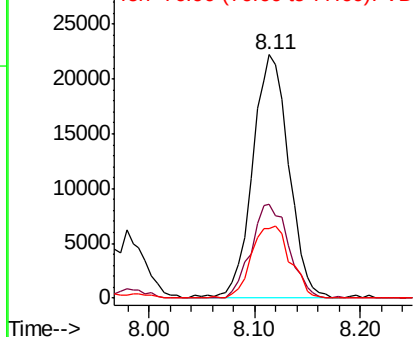


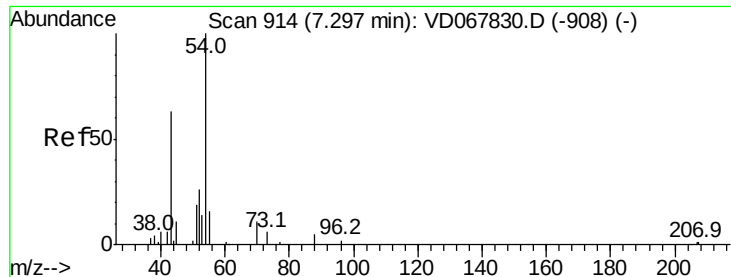
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

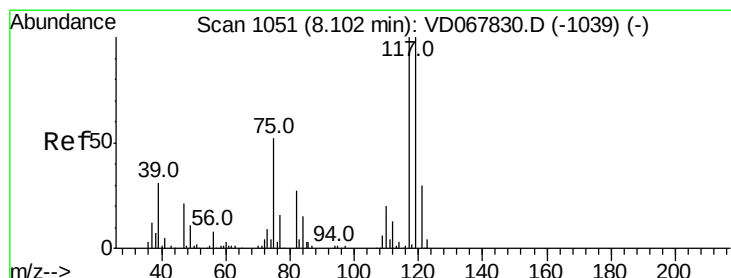
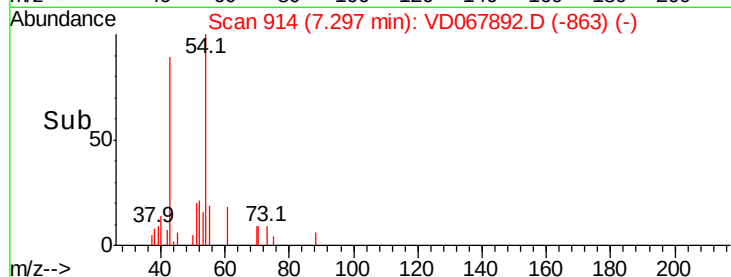
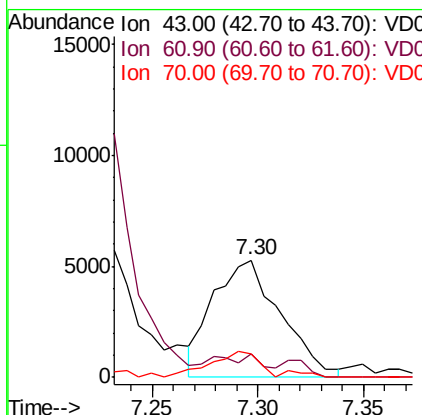
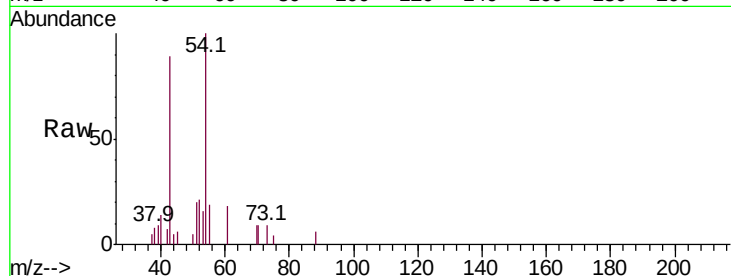




#37
Ethyl Acetate
Concen: 18.230 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

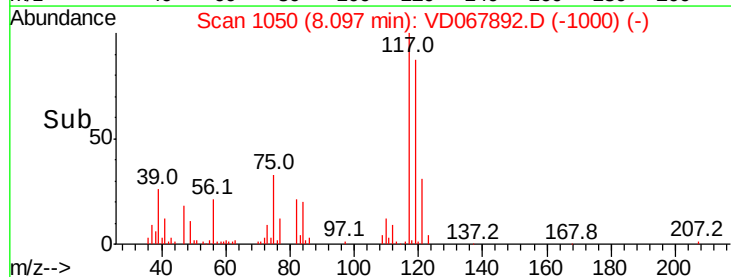
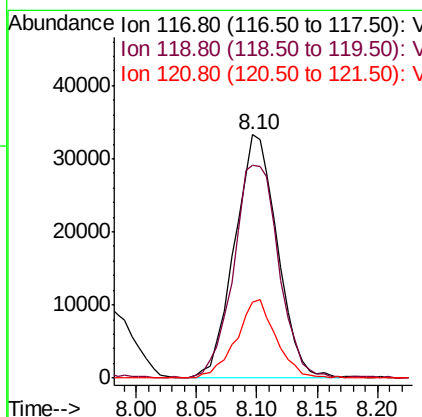
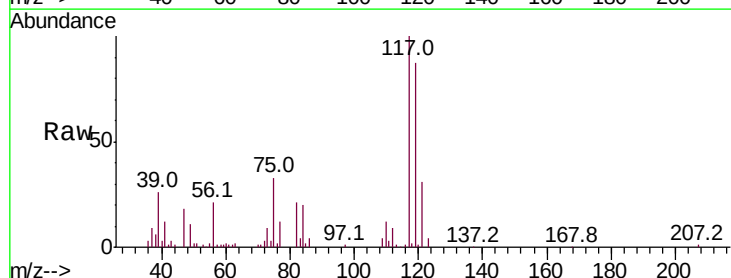
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

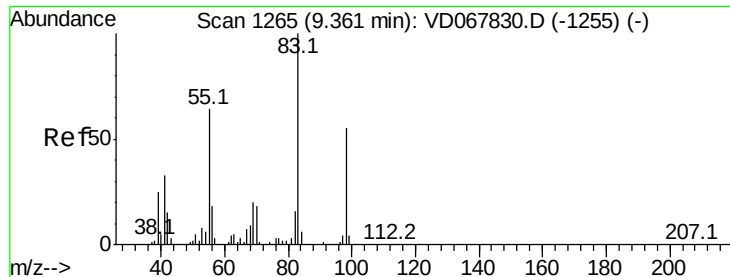
Tot Ion: 43 Resp: 11791
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 15.6 11.5 17.3



#38
Carbon Tetrachloride
Concen: 22.589 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 117 Resp: 82019
Ion Ratio Lower Upper
117 100
119 87.2 79.7 119.5
121 31.4 23.8 35.6

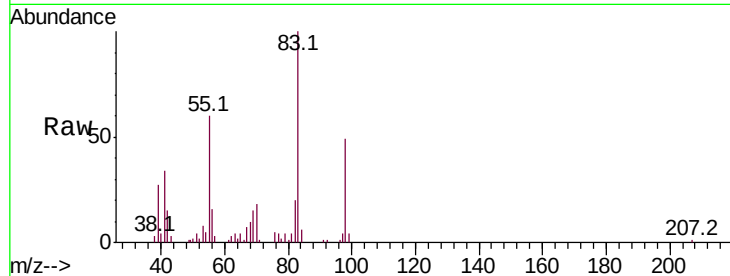




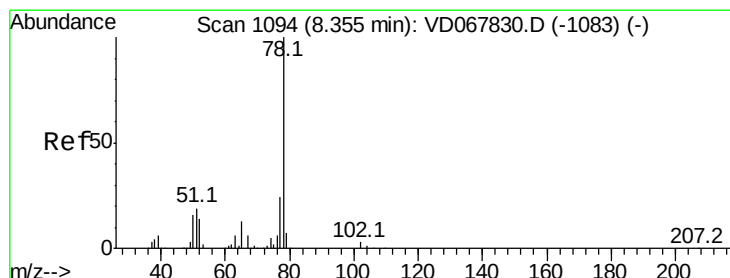
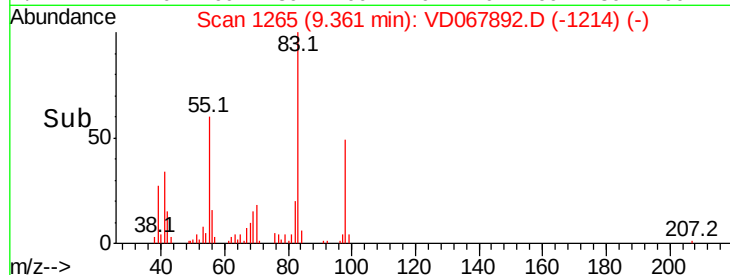
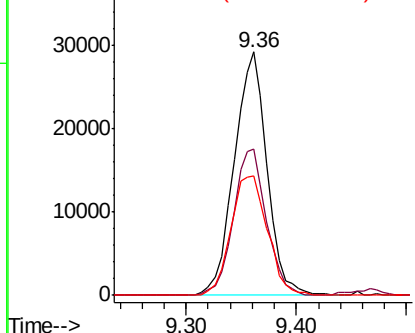
#39
Methylvlcyclohexane
Concen: 21.308 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

Tot Ion	83	Resp	60597
Ion Ratio	Lower	Upper	
83	100		
55	60.3	51.6	77.4
98	49.3	44.3	66.5

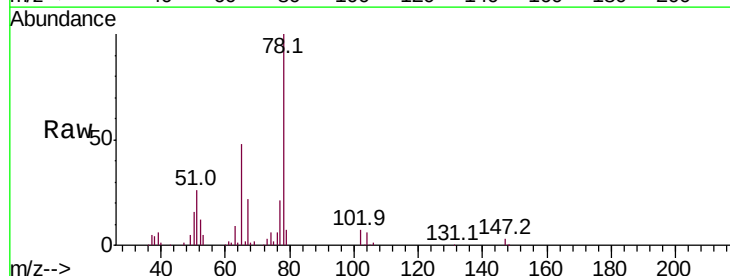


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

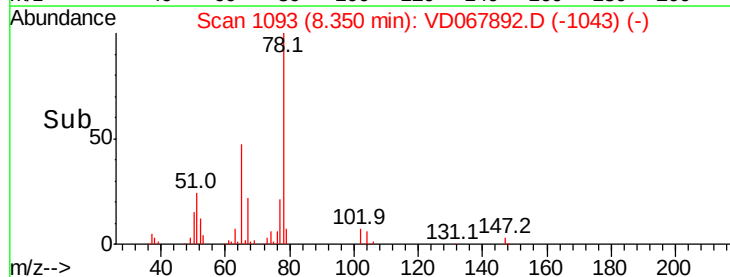
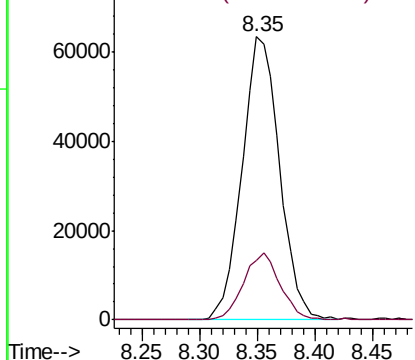


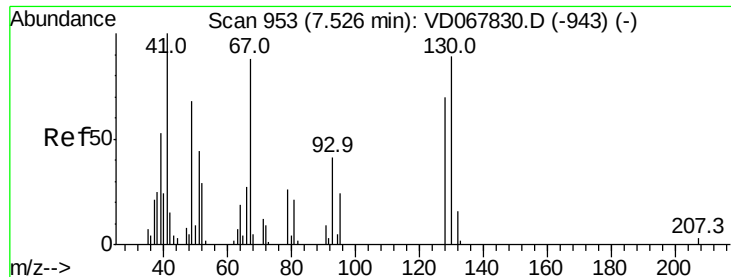
#40
Benzene
Concen: 21.807 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	78	Resp	143200
Ion Ratio	Lower	Upper	
78	100		
77	20.9	19.1	28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 63.212 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.04 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

Tot Ion: 41 Resp: 19052

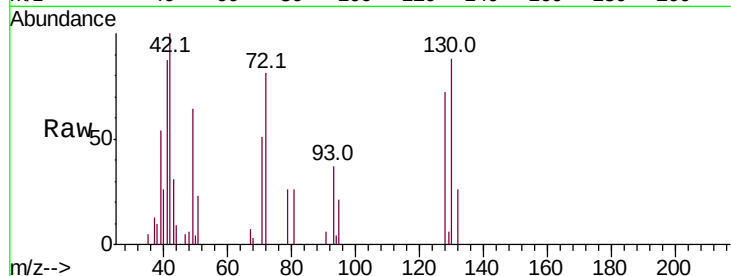
Ion Ratio Lower Upper

41 100

39 34.9 42.1 63.1#

67 0.0 82.4 123.6#

52 0.0 30.6 45.8#

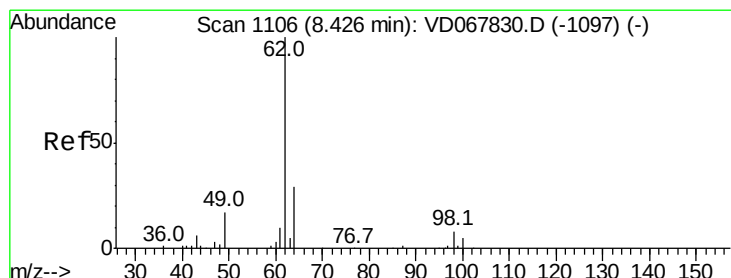
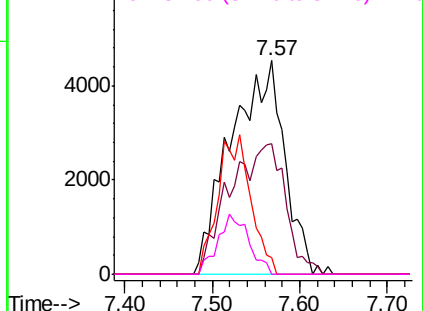
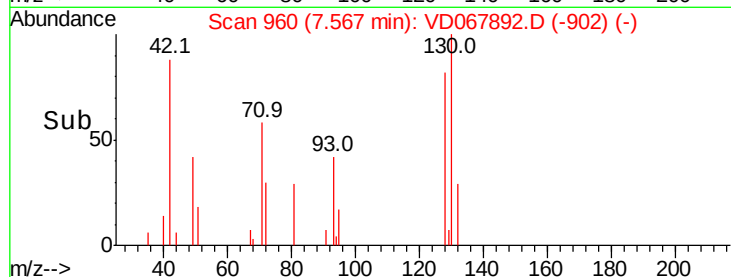


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.907 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067892.D

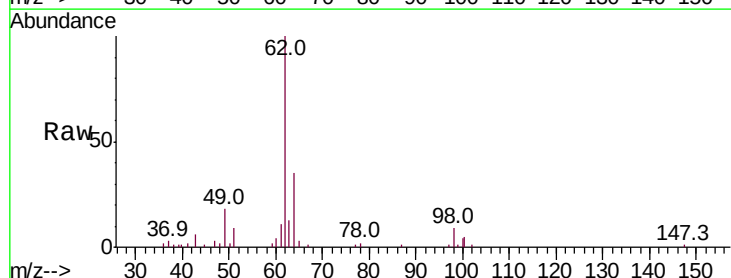
Acq: 07 Dec 2020 11:41

Tgt Ion: 62 Resp: 51271

Ion Ratio Lower Upper

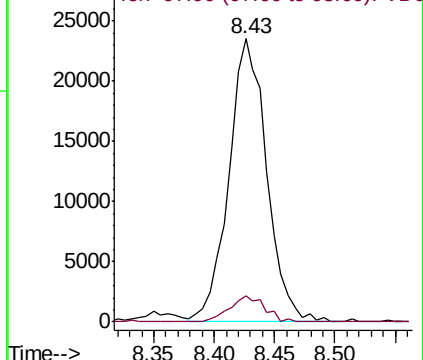
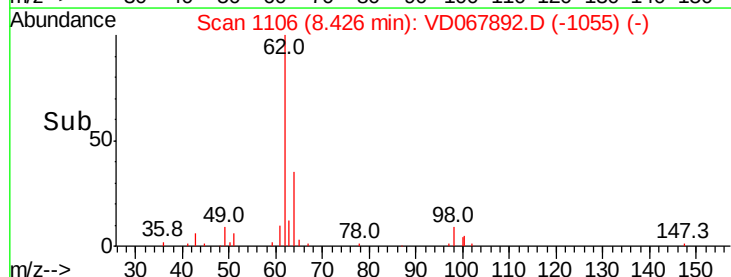
62 100

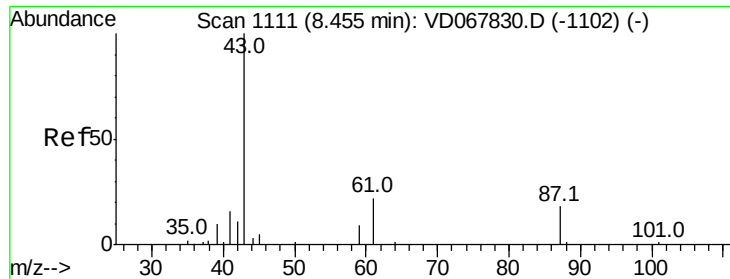
98 8.5 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.572 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

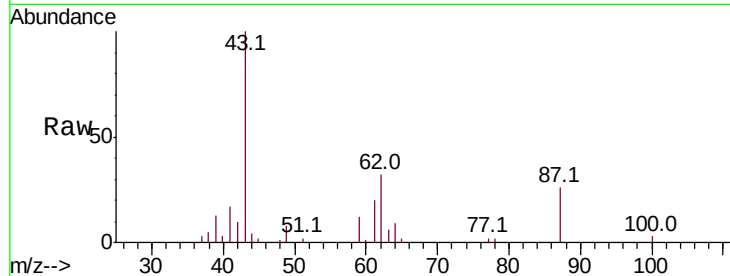
Tot Ion: 43 Resp: 24908

Ion Ratio Lower Upper

43 100

61 39.7 30.4 45.6

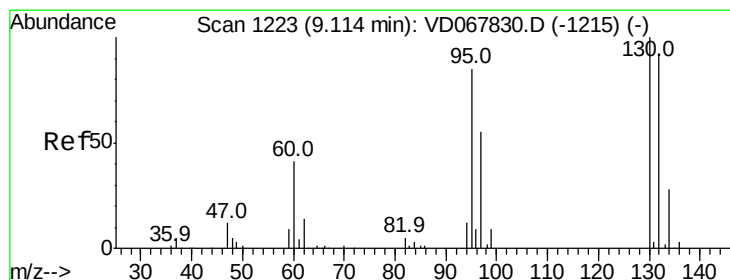
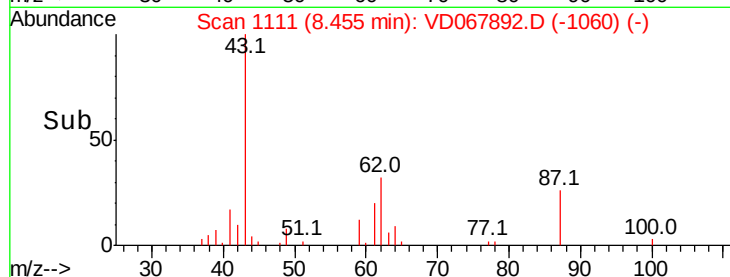
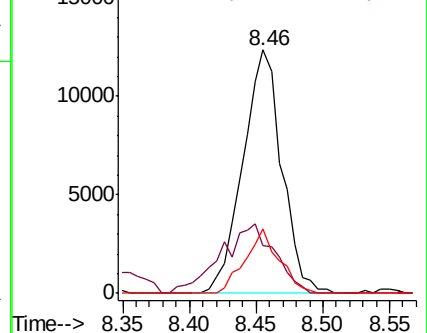
87 23.1 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.880 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067892.D

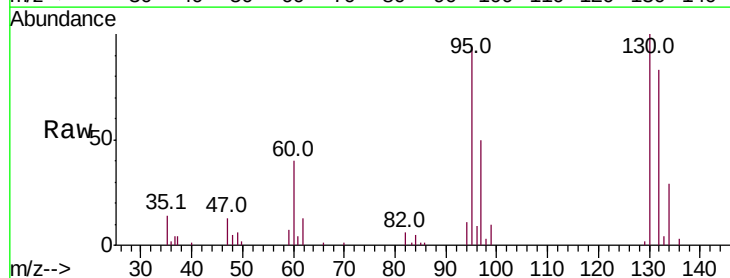
Acq: 07 Dec 2020 11:41

Tgt Ion:130 Resp: 49397

Ion Ratio Lower Upper

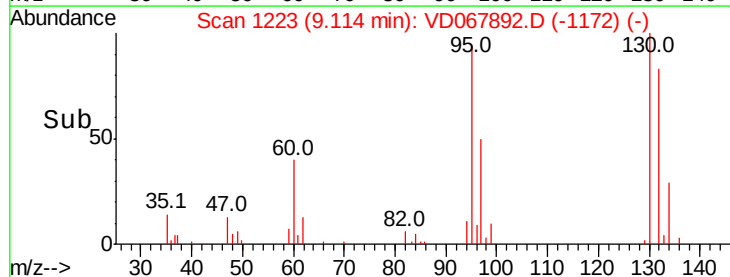
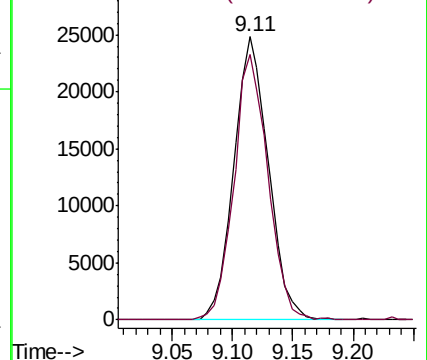
130 100

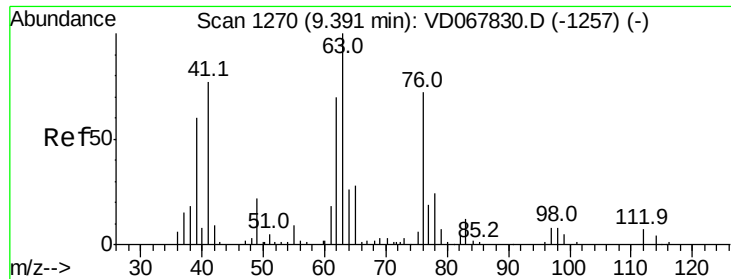
95 93.7 0.0 170.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

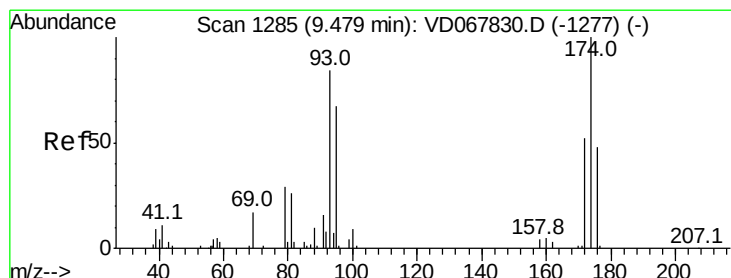
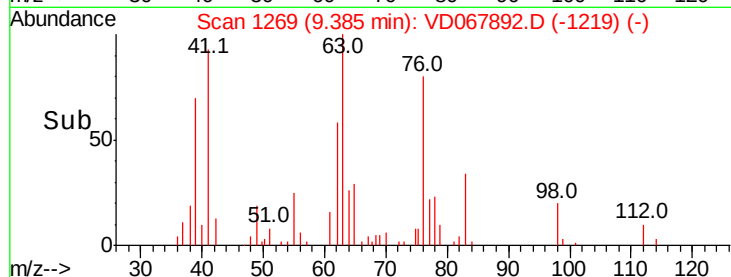
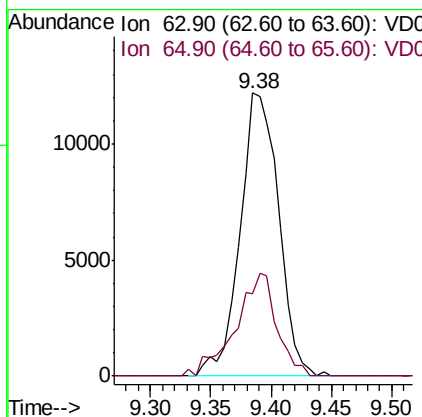
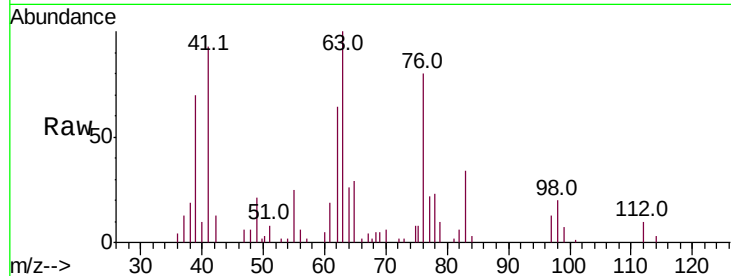




#45
1,2-Dichloropropane
Concen: 20.178 ug/l
RT: 9.38 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

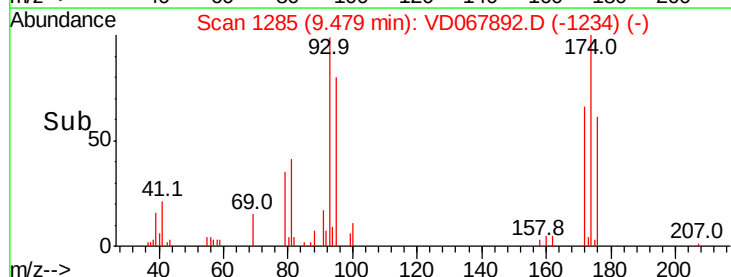
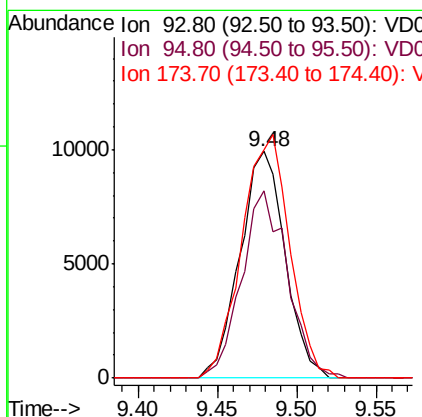
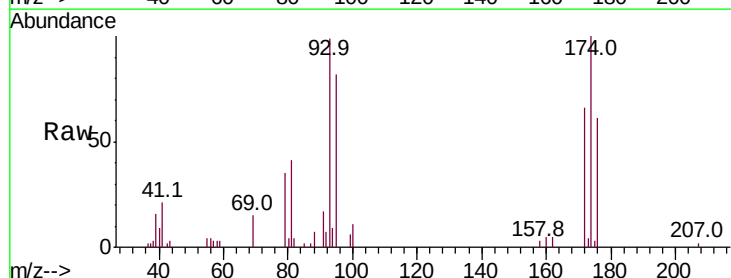
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

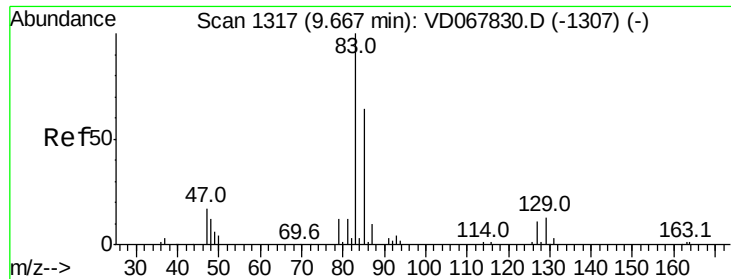
Tot Ion: 63 Resp: 27195
Ion Ratio Lower Upper
63 100
65 28.9 22.8 34.2



#46
Dibromomethane
Concen: 20.959 ug/l
RT: 9.48 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 93 Resp: 19640
Ion Ratio Lower Upper
93 100
95 83.9 64.2 96.4
174 113.9 91.5 137.3





#47

Bromodichloromethane

Concen: 21.281 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

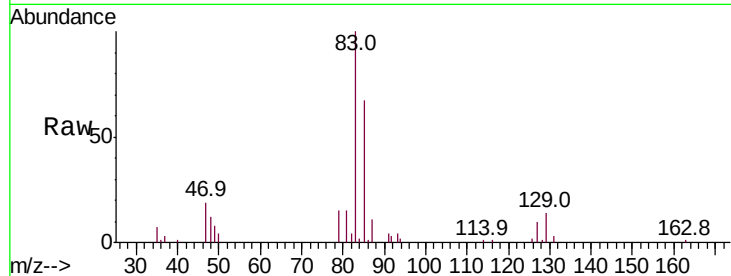
Tot Ion: 83 Resp: 56851

Ion Ratio Lower Upper

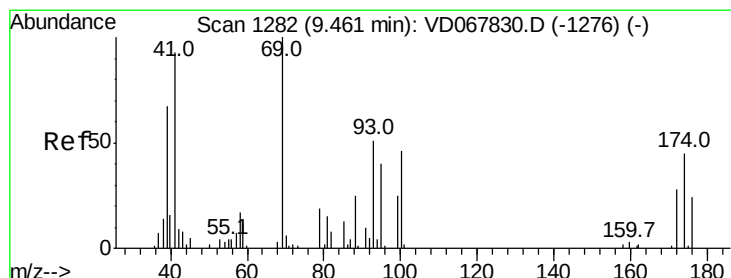
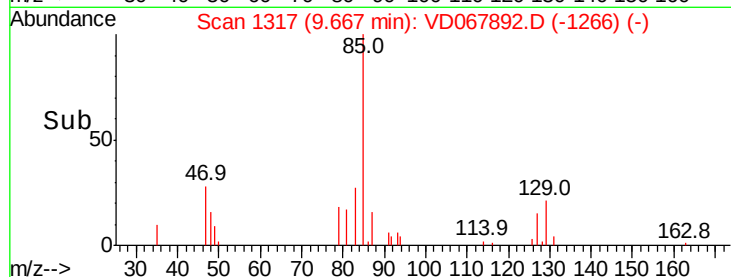
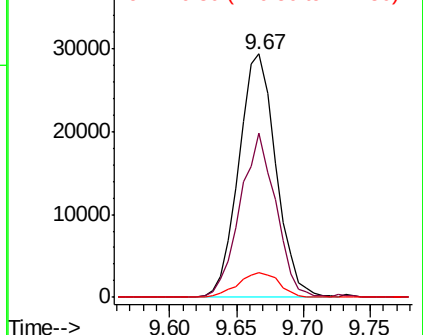
83 100

85 67.4 51.4 77.0

127 10.3 8.5 12.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 22.180 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

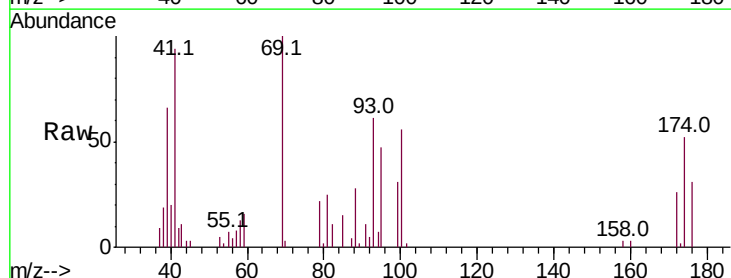
Tgt Ion: 41 Resp: 14333

Ion Ratio Lower Upper

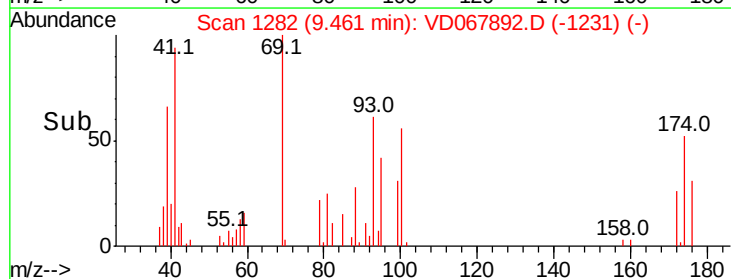
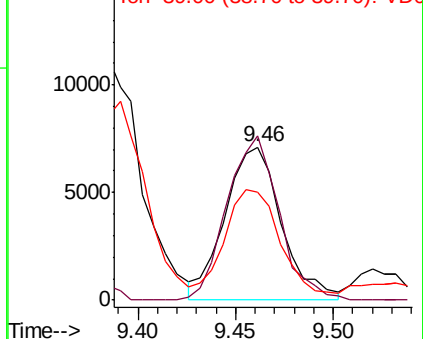
41 100

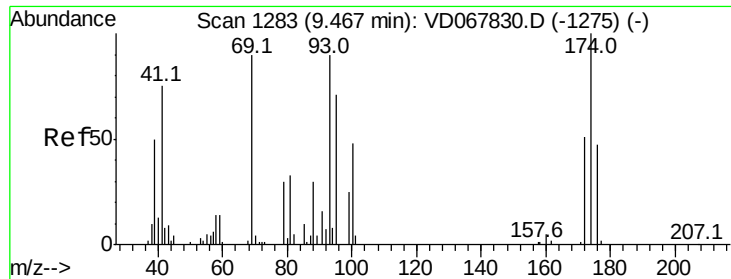
69 98.7 87.6 131.4

39 64.2 61.2 91.8



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





#49

1,4-Dioxane

Concen: 384.036 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

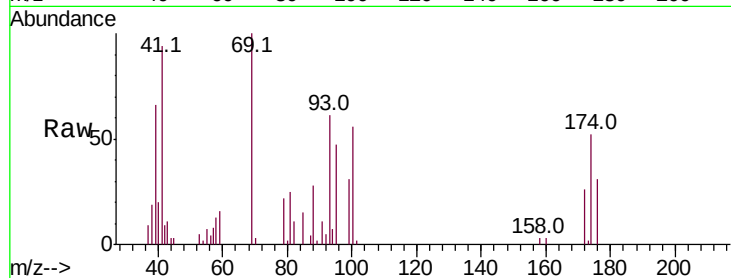
Tot Ion: 88 Resp: 4112

Ion Ratio Lower Upper

88 100

43 35.4 30.1 45.1

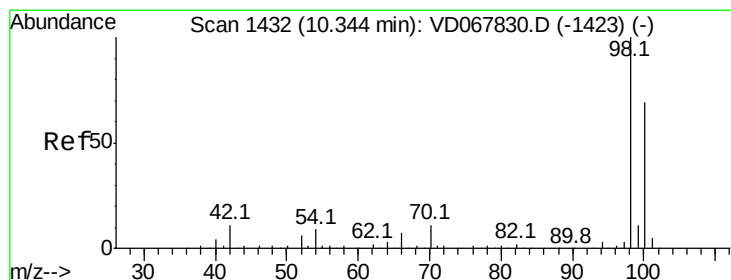
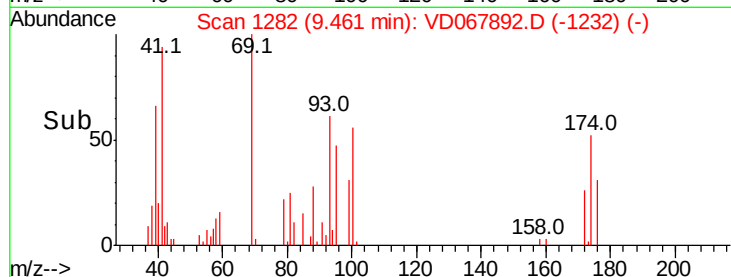
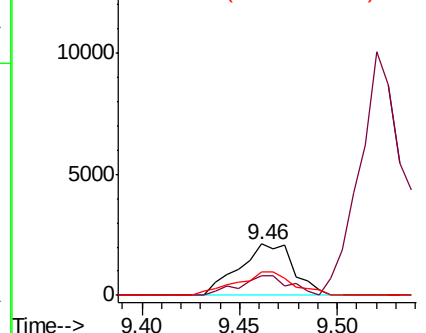
58 47.5 42.4 63.6



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 52.721 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067892.D

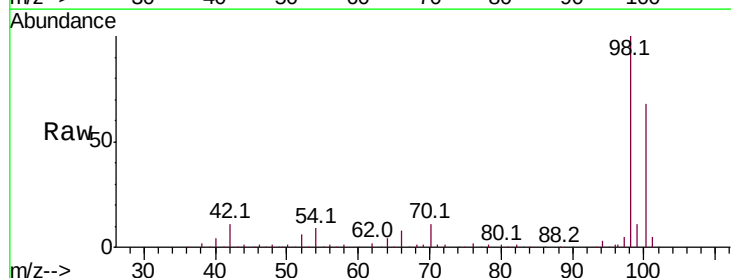
Acq: 07 Dec 2020 11:41

Tgt Ion: 98 Resp: 352047

Ion Ratio Lower Upper

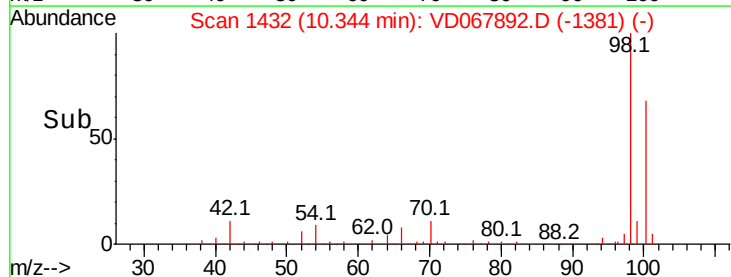
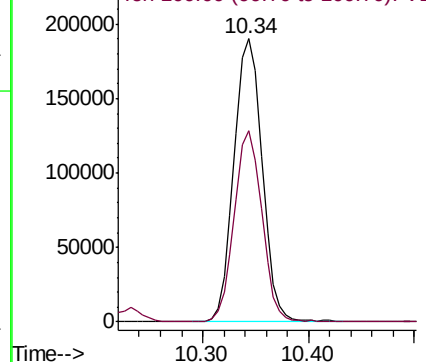
98 100

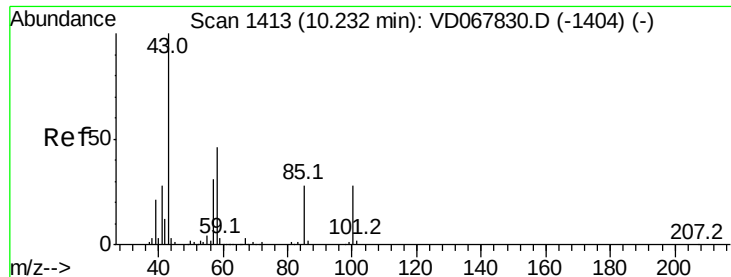
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 96.192 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

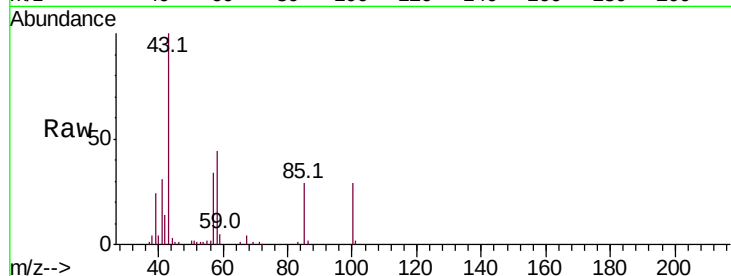
VD1207SBS01

Tot Ion: 43 Resp: 57938

Ion Ratio Lower Upper

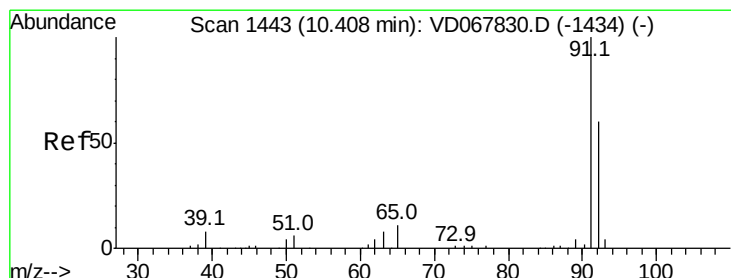
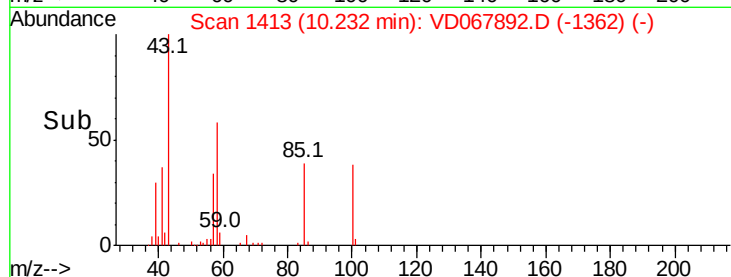
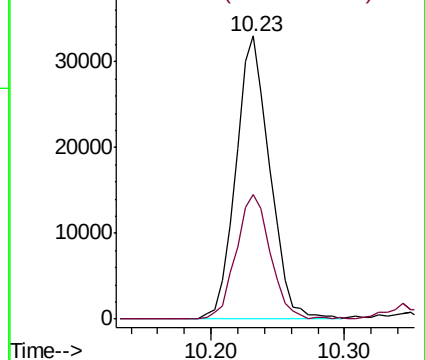
43 100

58 44.4 35.7 53.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.907 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067892.D

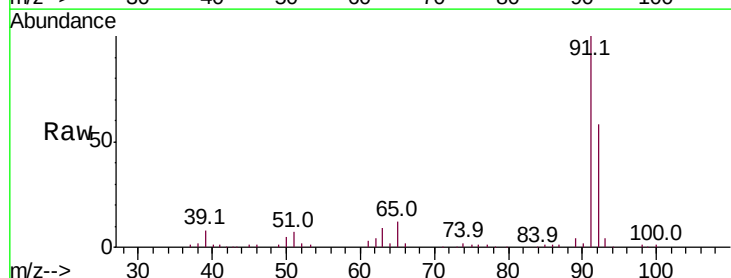
Acq: 07 Dec 2020 11:41

Tgt Ion: 92 Resp: 100574

Ion Ratio Lower Upper

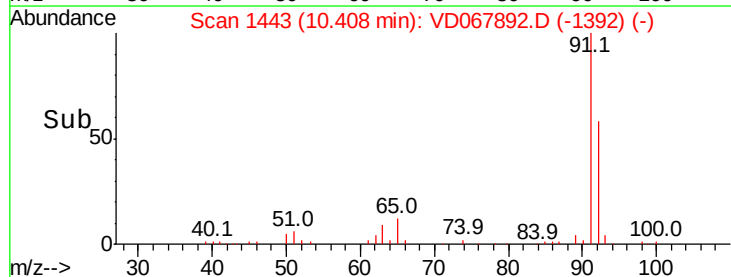
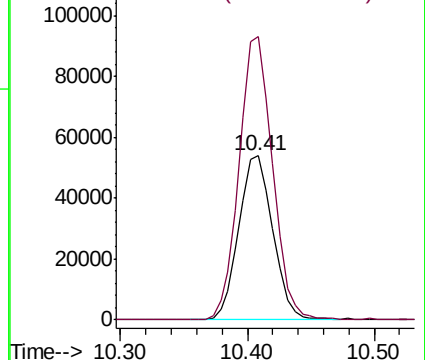
92 100

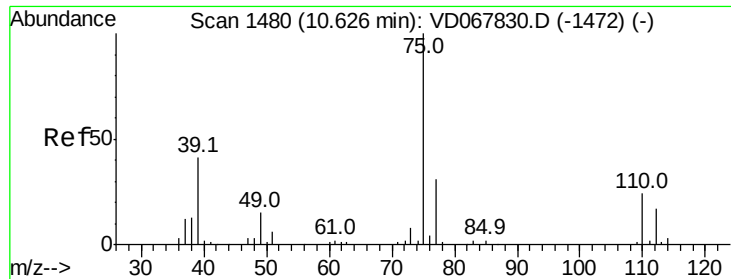
91 169.5 134.2 201.2



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: 21.021 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

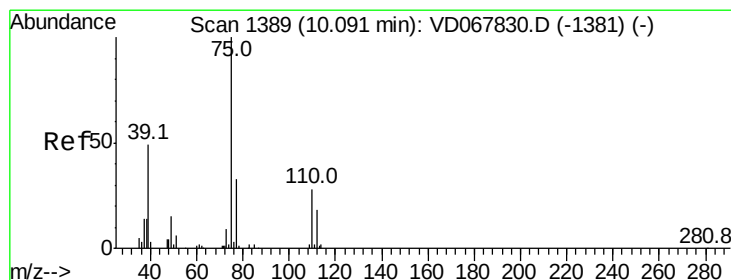
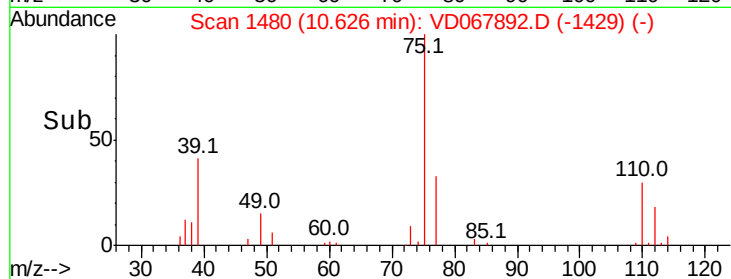
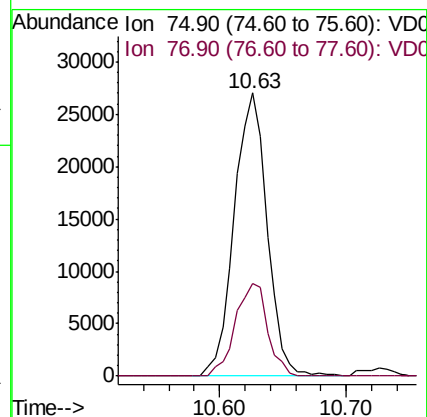
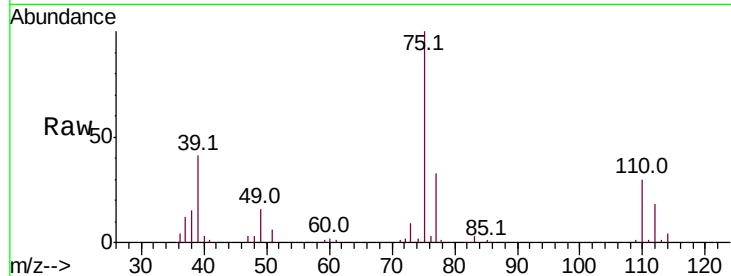
VD1207SBS01

Tot Ion: 75 Resp: 48468

Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 21.742 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

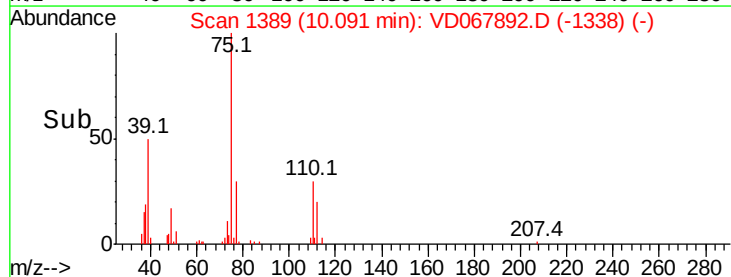
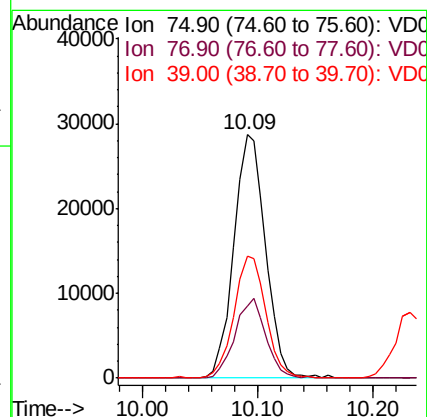
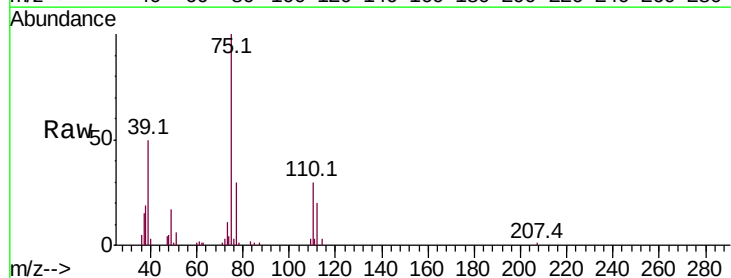
Tgt Ion: 75 Resp: 54529

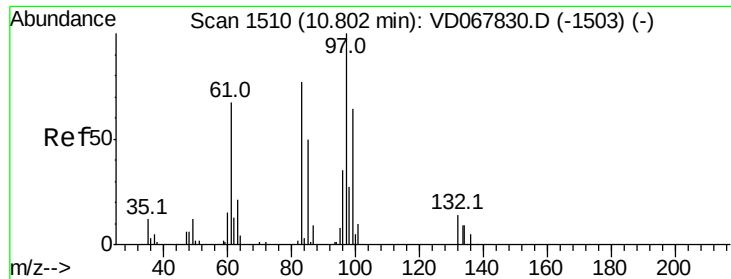
Ion Ratio Lower Upper

75 100

77 29.9 26.2 39.2

39 50.2 39.0 58.4

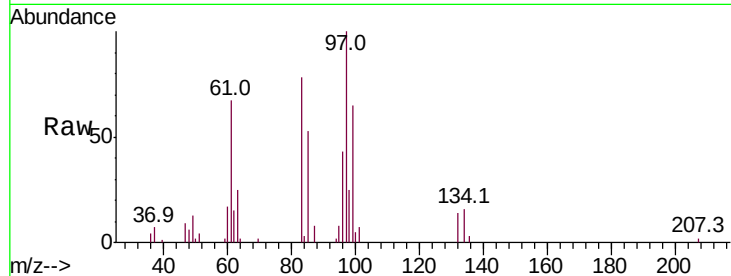




#55
 1,1,2-Trichloroethane
 Concen: 20.010 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	78.1	61.9	92.9
85	53.3	40.2	60.4
99	64.6	51.0	76.6



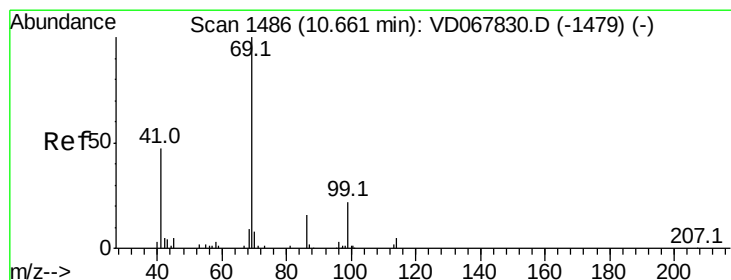
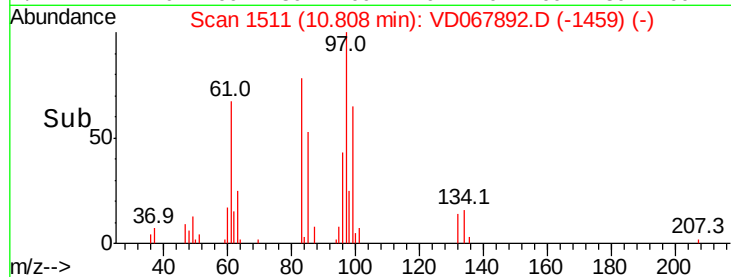
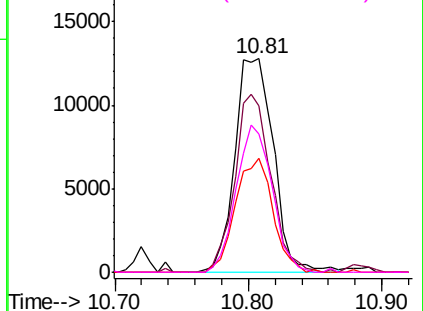
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

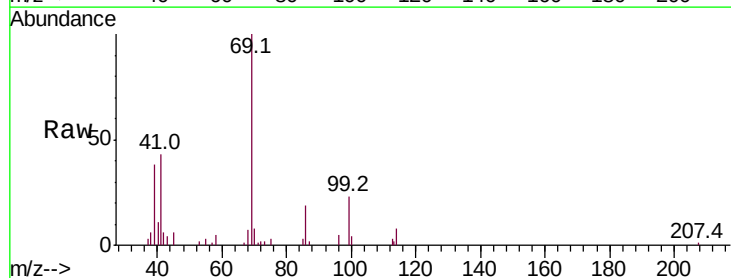
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 19.182 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.6	42.8	64.2
39	42.8	30.5	45.7

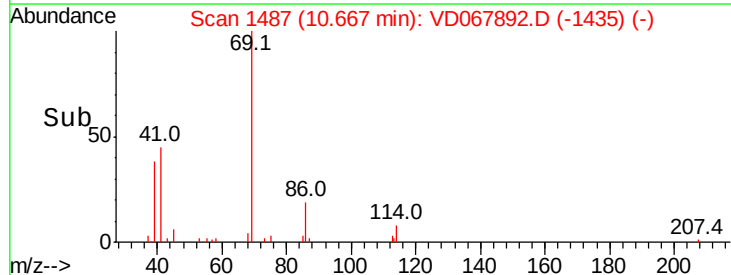
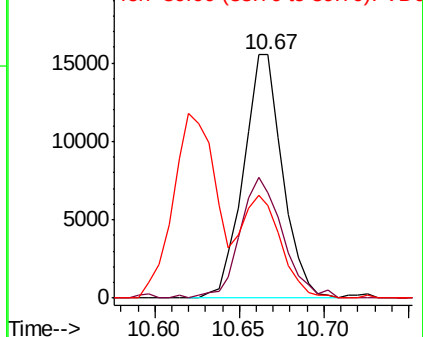


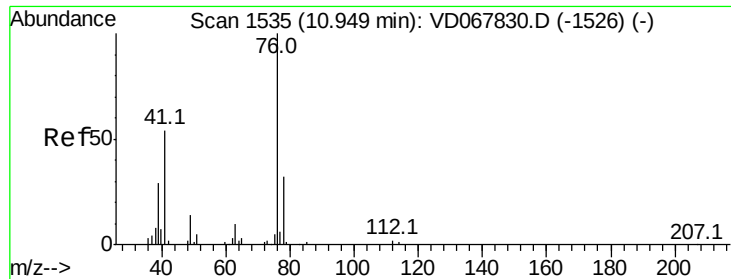
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 20.505 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

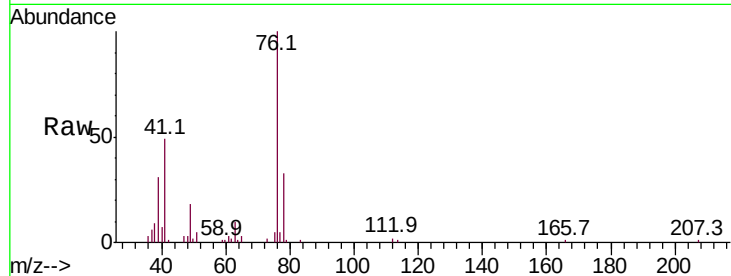
VD1207SBSD01

Tot Ion: 76 Resp: 41653

Ion Ratio Lower Upper

76 100

78 31.6 26.6 39.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

25000

20000

15000

10000

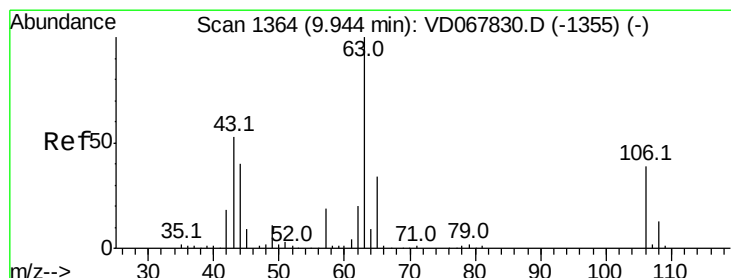
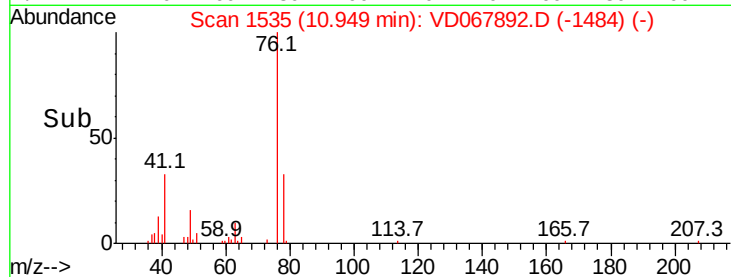
5000

0

Time-->

10.90

11.00



#58

2-Chloroethyl Vinyl ether

Concen: 86.224 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067892.D

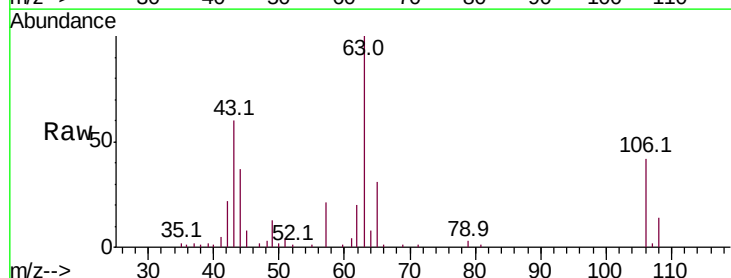
Acq: 07 Dec 2020 11:41

Tgt Ion: 63 Resp: 51192

Ion Ratio Lower Upper

63 100

106 41.7 32.0 48.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

30000

25000

20000

15000

10000

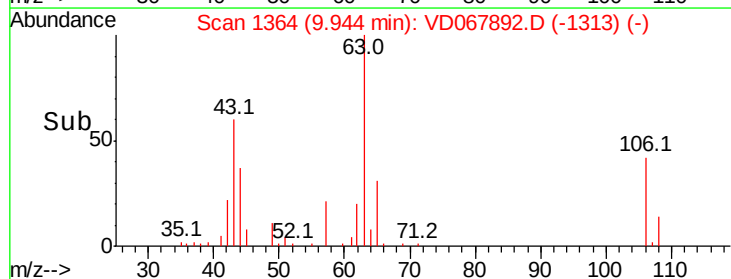
5000

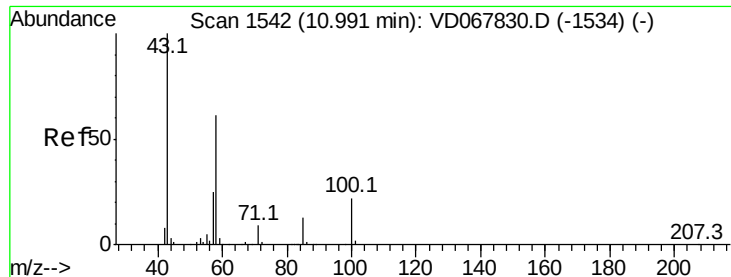
0

Time-->

9.90

10.00

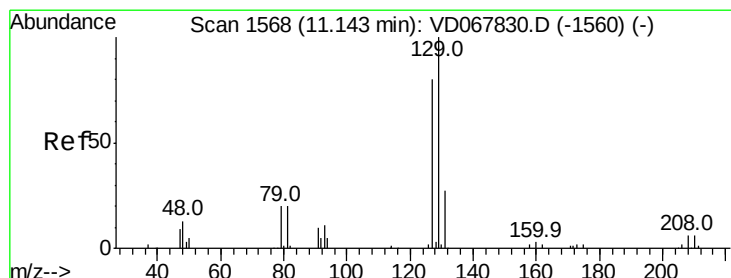
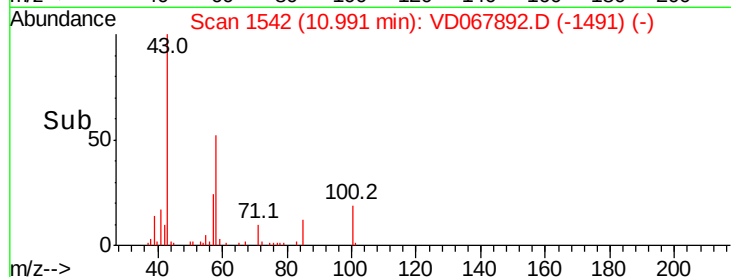
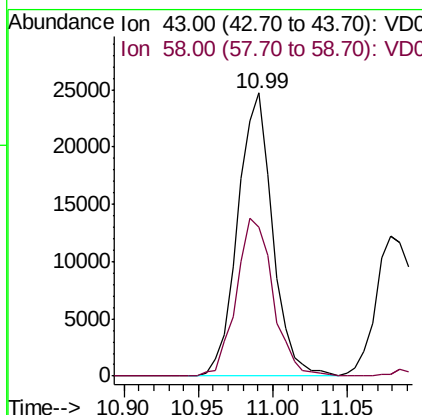
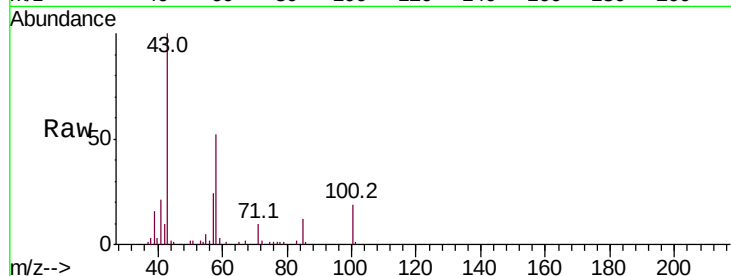




#59
2-Hexanone
Concen: 94.345 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

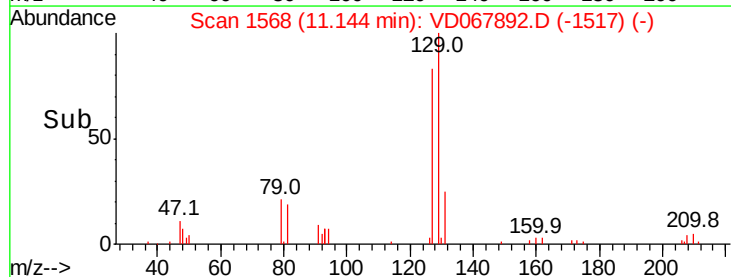
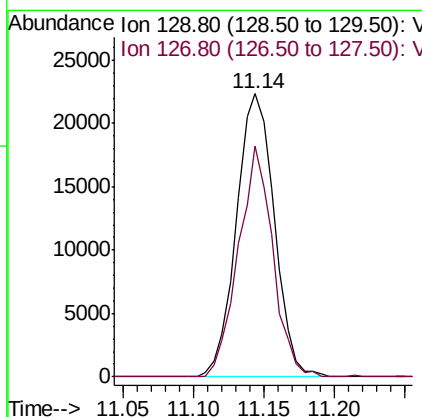
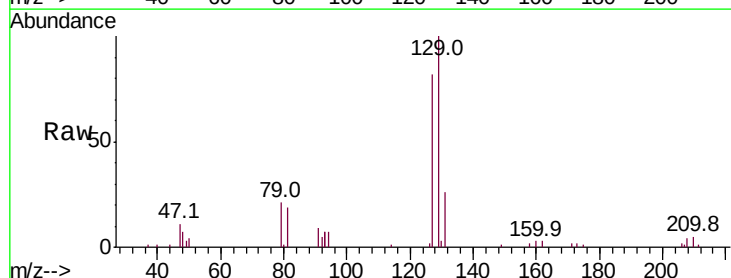
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

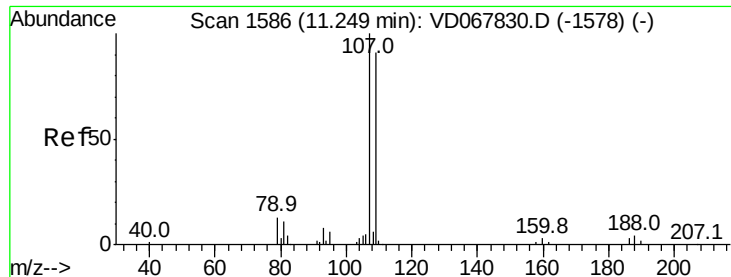
Tot Ion: 43 Resp: 40059
Ion Ratio Lower Upper
43 100
58 58.8 29.9 89.7



#60
Dibromochloromethane
Concen: 21.705 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 129 Resp: 41957
Ion Ratio Lower Upper
129 100
127 74.0 39.2 117.6

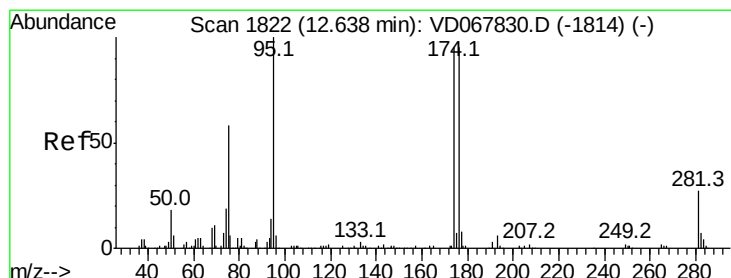
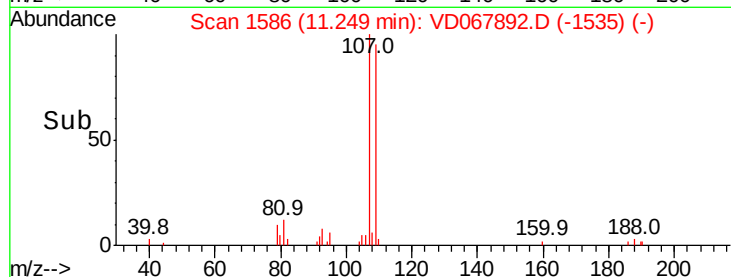
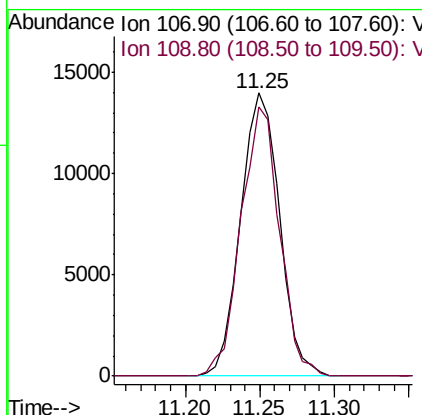
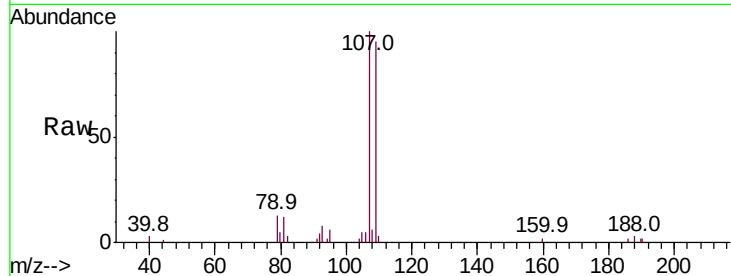




#61
 1,2-Dibromoethane
 Concen: 20.067 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

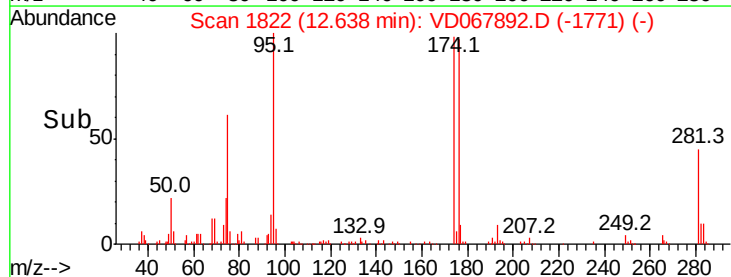
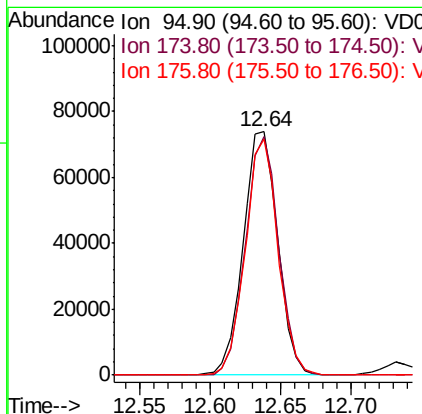
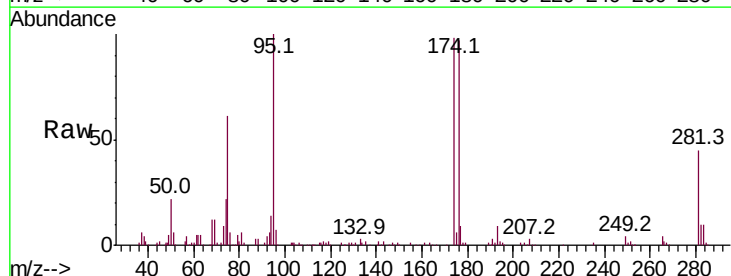
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBSD01

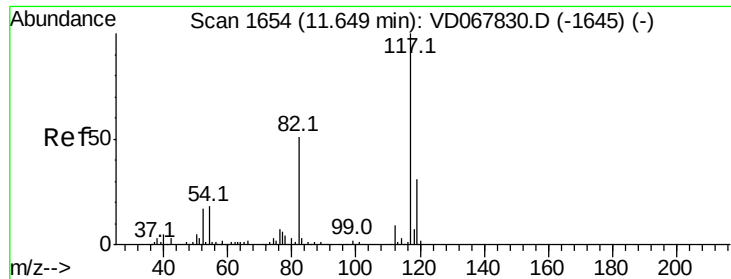
Tot Ion:107 Resp: 25306
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 54.829 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion: 95 Resp: 126577
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 186.0
 176 92.4 0.0 184.2

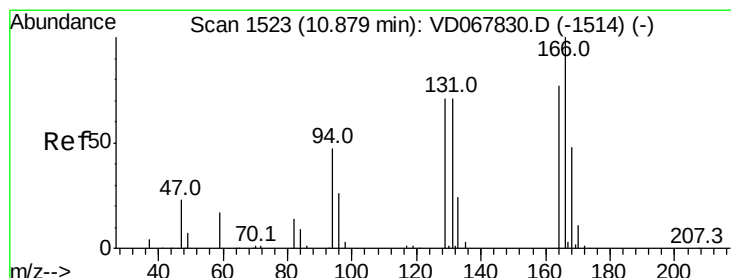
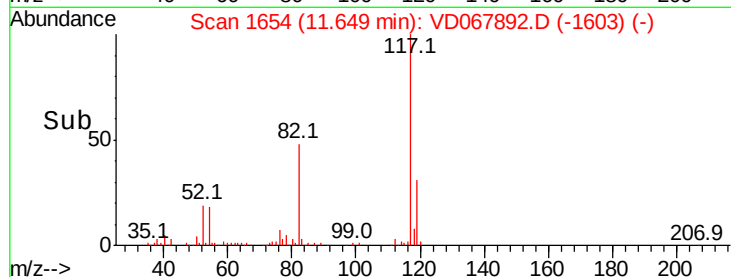
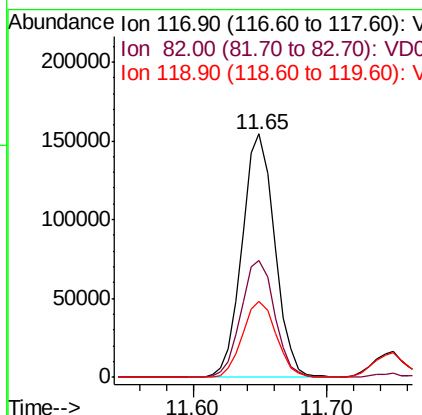
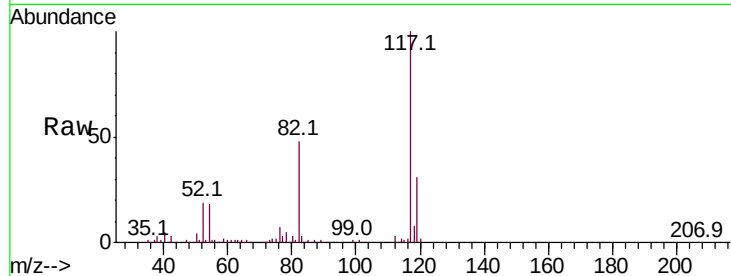




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

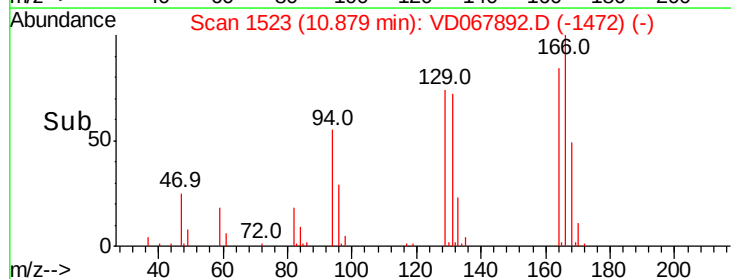
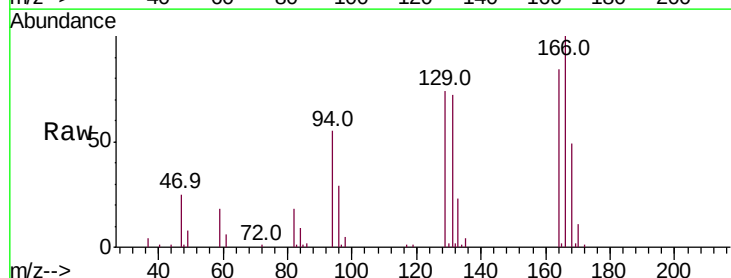
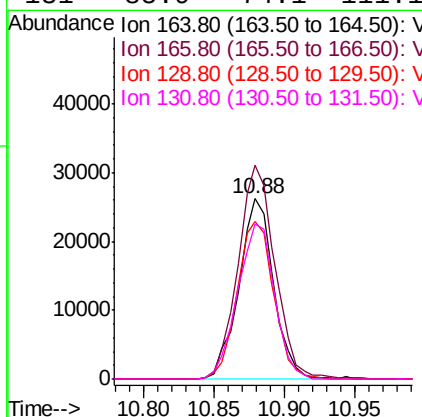
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

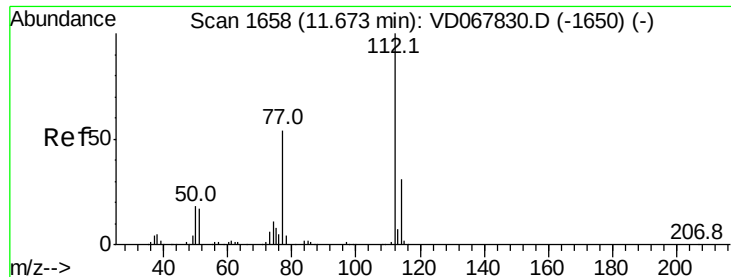
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.3	40.6	60.8
119	31.0	25.1	37.7



#64
Tetrachloroethene
Concen: 21.159 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.6	103.8	155.6
129	87.4	73.3	109.9
131	85.9	74.1	111.1

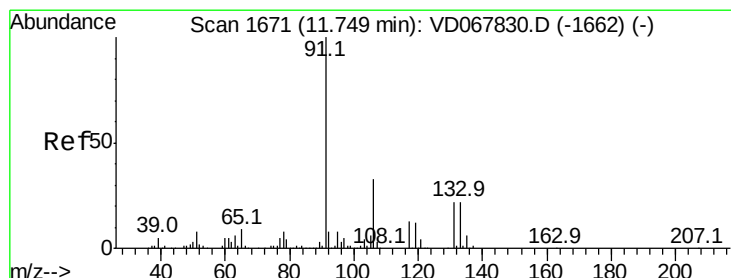
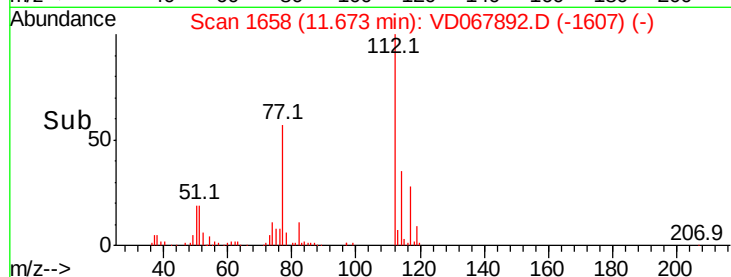
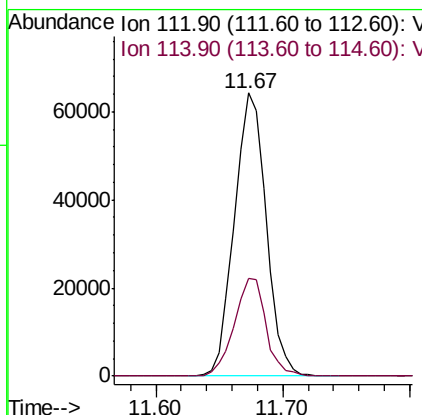
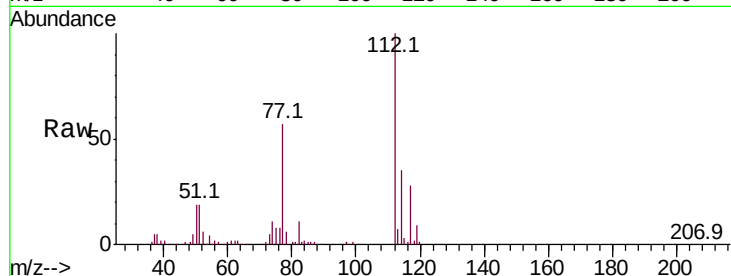




#65
Chlorobenzene
Concen: 20.698 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

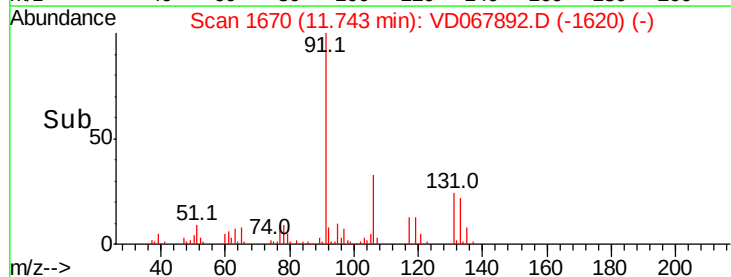
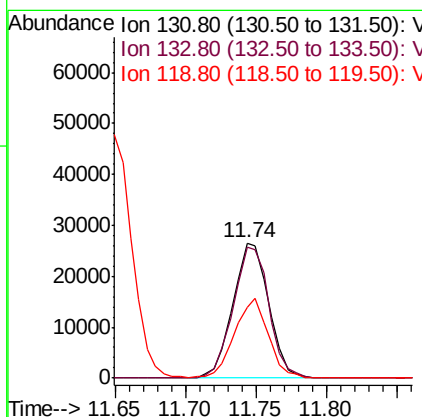
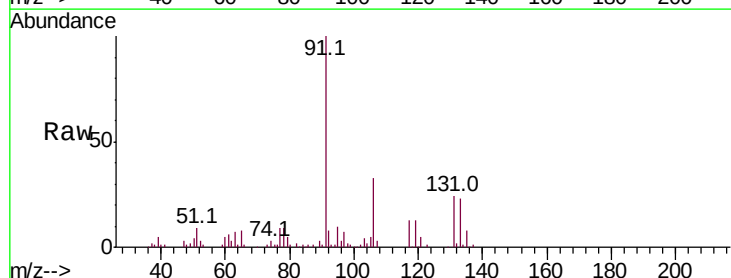
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

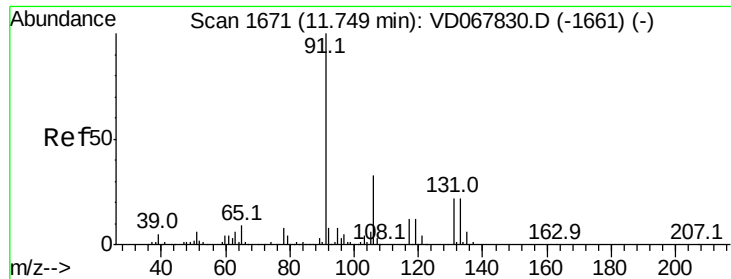
Tot Ion:112 Resp: 111668
Ion Ratio Lower Upper
112 100
114 34.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.349 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion:131 Resp: 46978
Ion Ratio Lower Upper
131 100
133 97.0 49.9 149.7
119 55.8 29.6 88.9

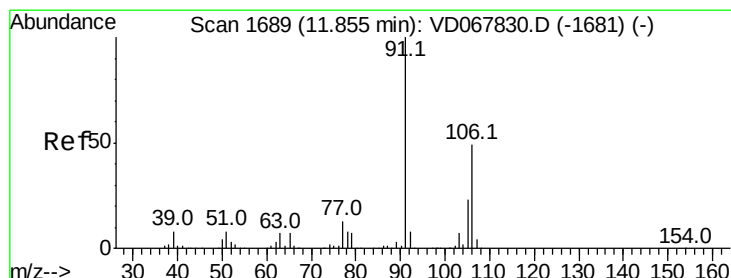
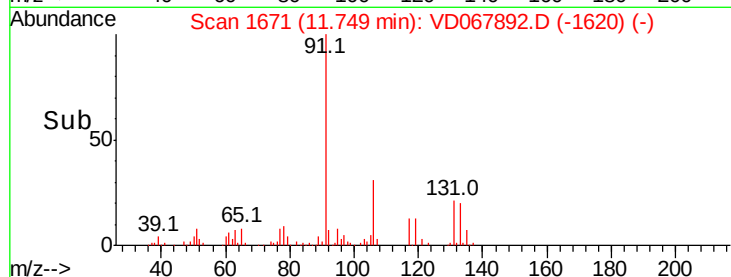
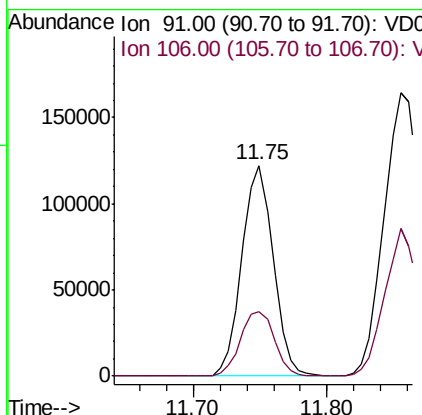
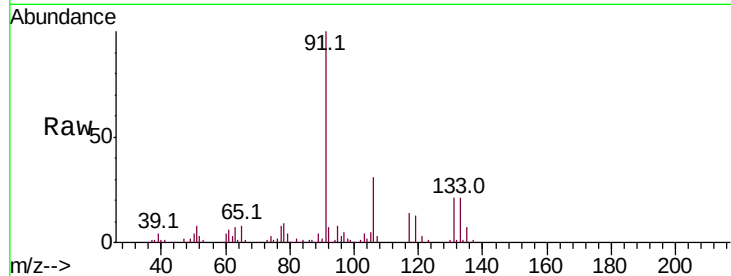




#67
Ethyl Benzene
Concen: 21.674 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

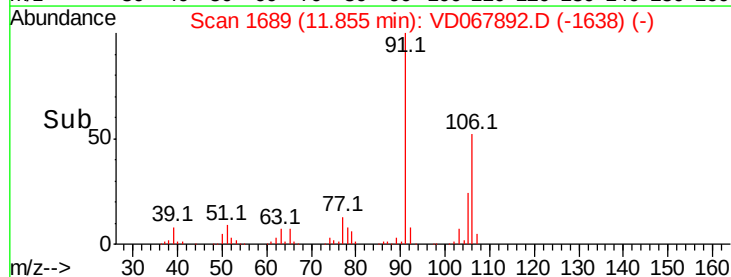
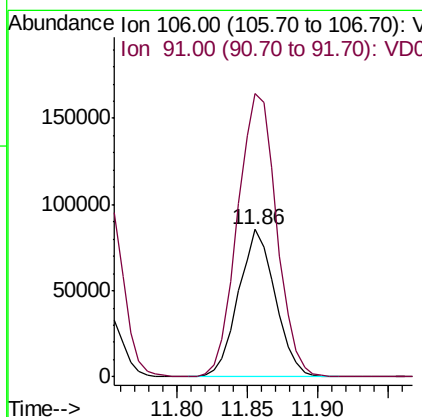
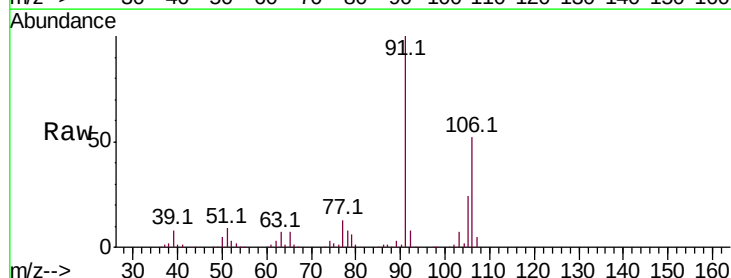
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

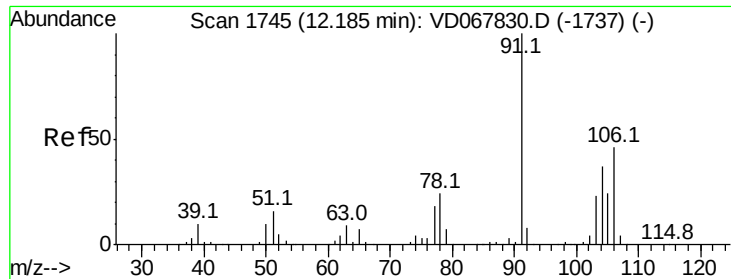
Tot Ion: 91 Resp: 199192
Ion Ratio Lower Upper
91 100
106 30.9 26.2 39.2



#68
m/p-Xylenes
Concen: 43.212 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 106 Resp: 156596
Ion Ratio Lower Upper
106 100
91 203.3 162.8 244.2

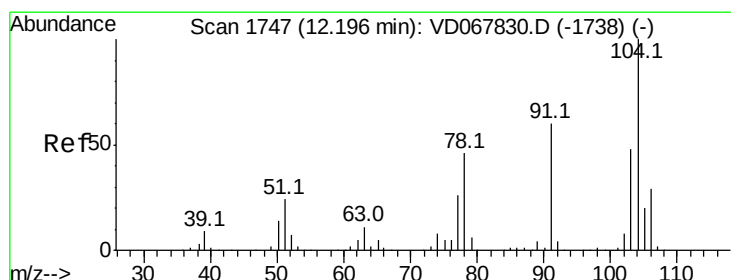
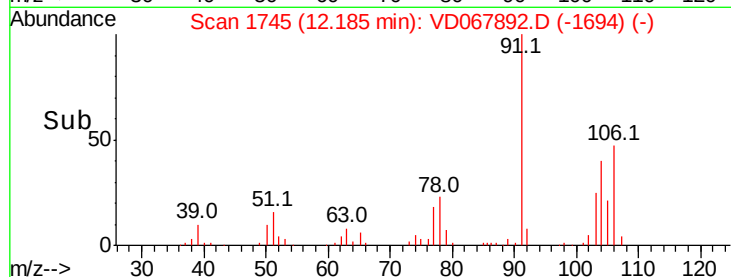
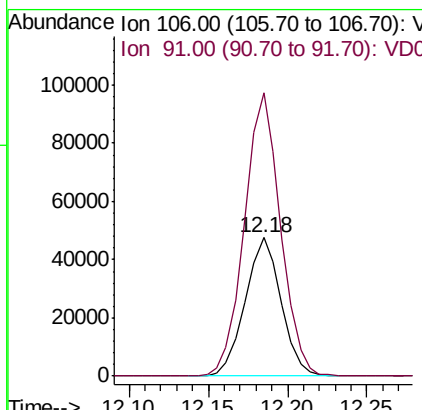
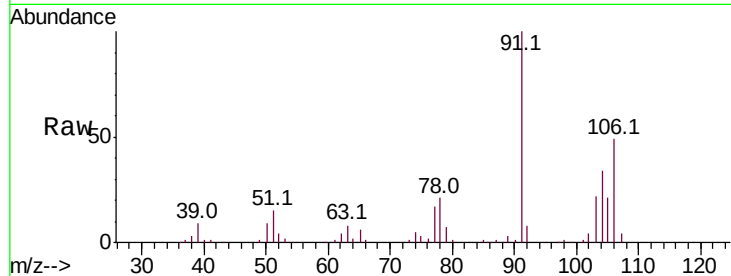




#69
o-Xylene
Concen: 23.186 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

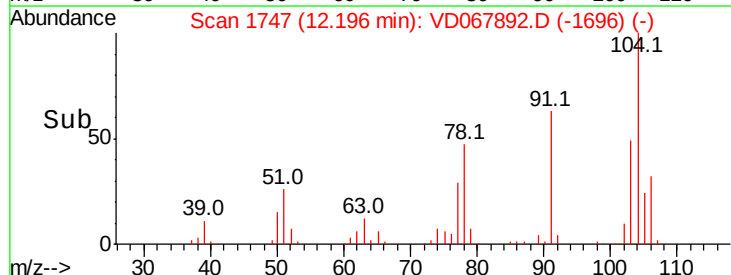
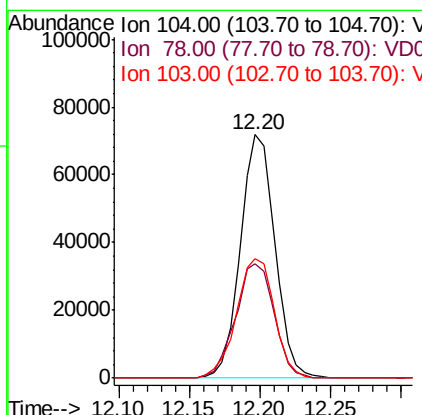
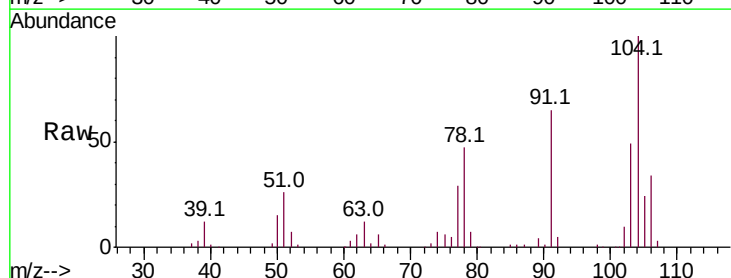
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

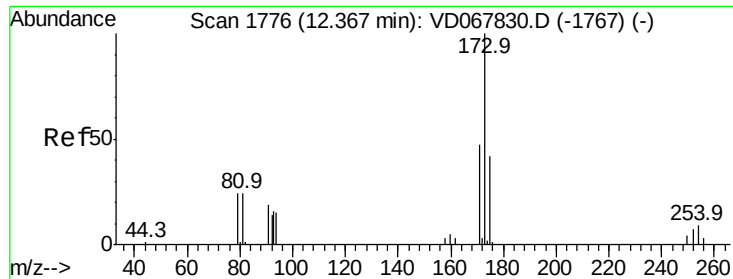
Tot Ion:106 Resp: 74593
Ion Ratio Lower Upper
106 100
91 206.3 107.5 322.5



#70
Styrene
Concen: 22.000 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion:104 Resp: 123075
Ion Ratio Lower Upper
104 100
78 52.5 41.6 62.4
103 54.0 43.2 64.8

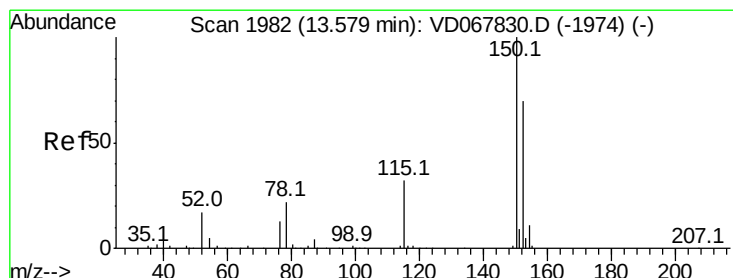
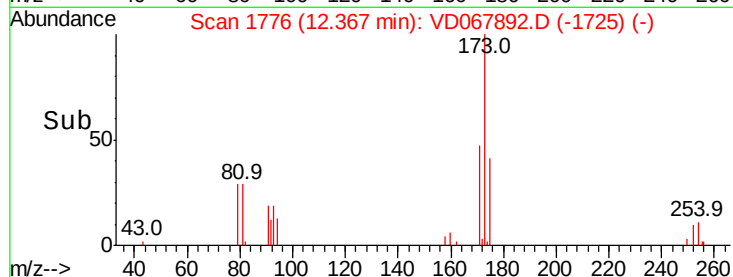
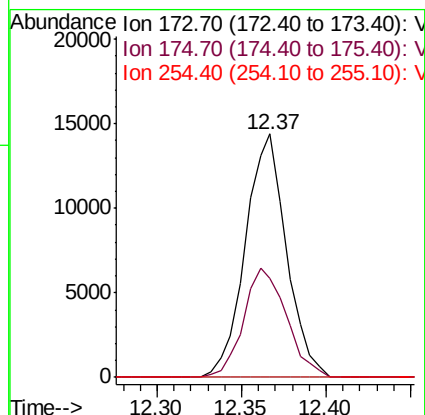
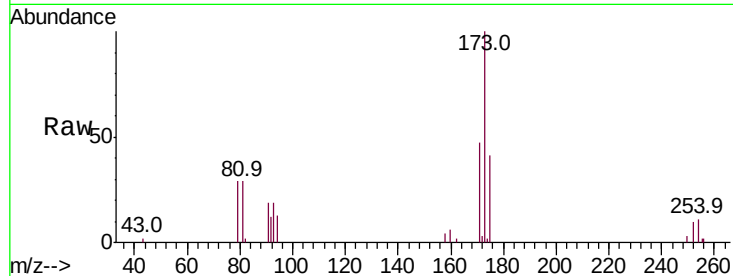




#71
Bromoform
Concen: 20.853 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

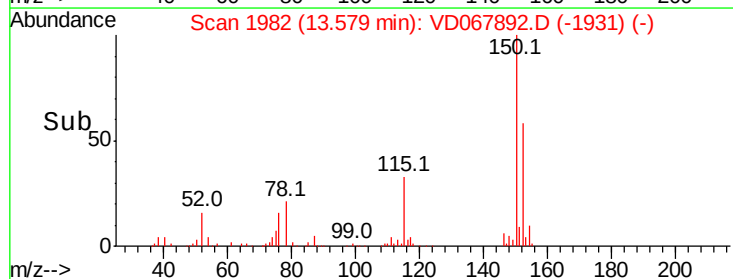
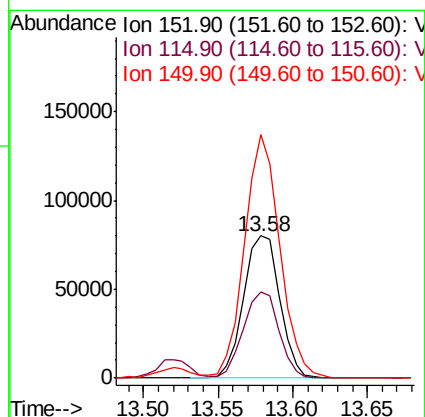
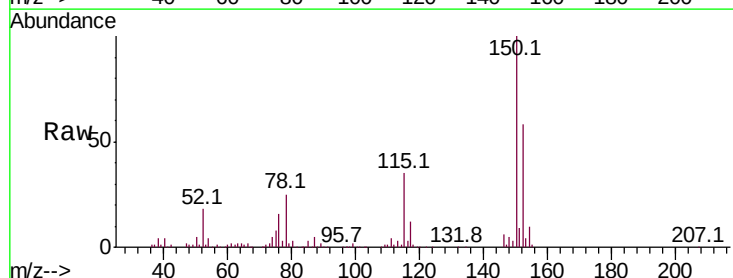
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

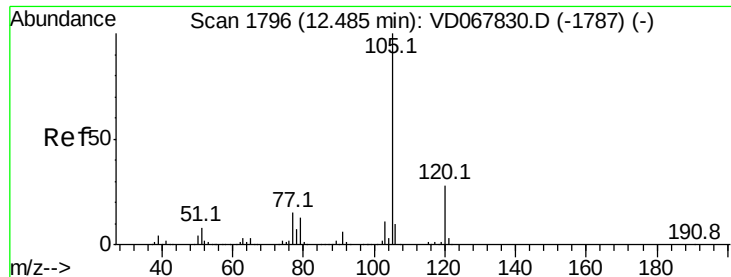
Tot Ion:173 Resp: 24289
Ion Ratio Lower Upper
173 100
175 46.9 23.4 70.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion:152 Resp: 134650
Ion Ratio Lower Upper
152 100
115 59.6 29.1 87.4
150 166.3 0.0 339.0





#73

Isopropylbenzene

Concen: 21.481 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

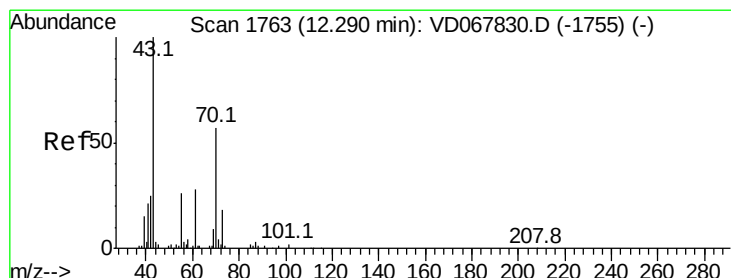
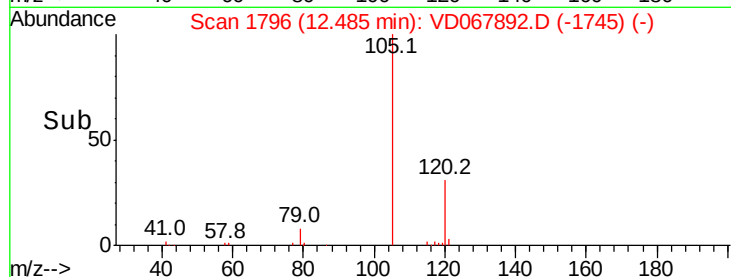
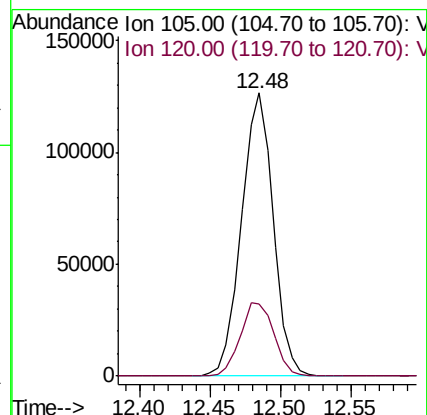
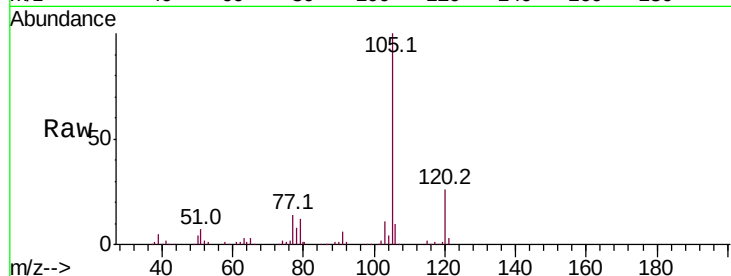
VD1207SBS01

Tot Ion:105 Resp: 198908

Ion Ratio Lower Upper

105 100

120 27.7 13.9 41.6



#74

N-ethyl acetate

Concen: 19.563 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Tgt Ion: 43 Resp: 22408

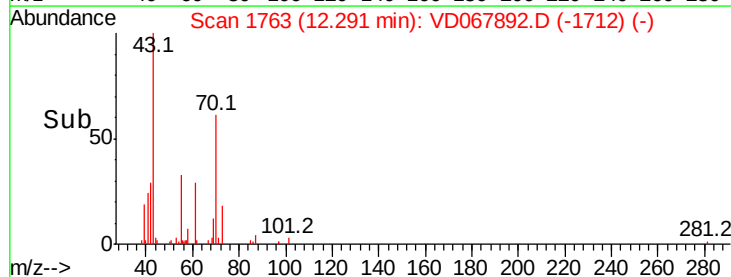
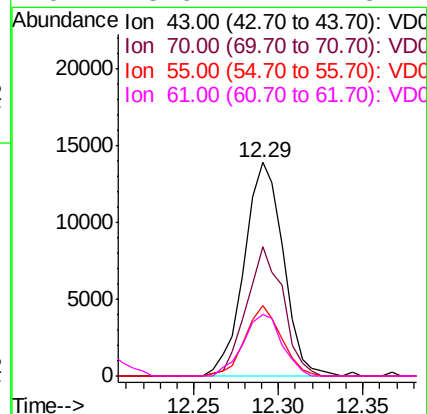
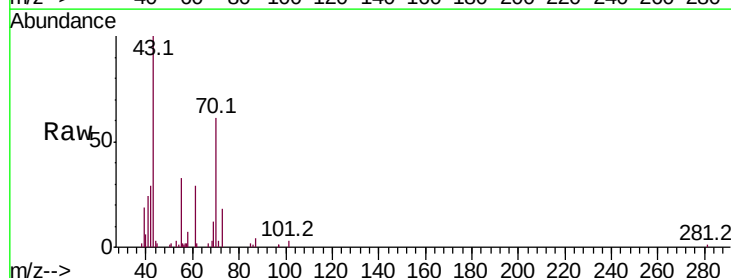
Ion Ratio Lower Upper

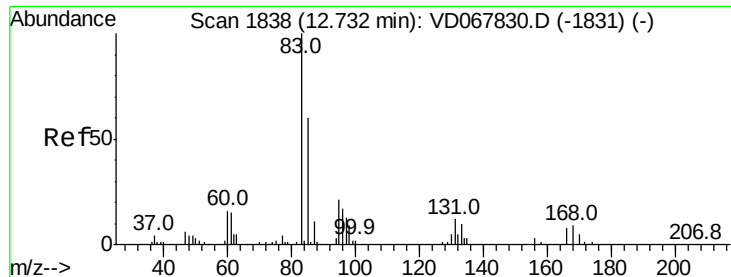
43 100

70 56.7 44.6 66.8

55 30.5 22.2 33.2

61 28.6 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.666 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBSD01

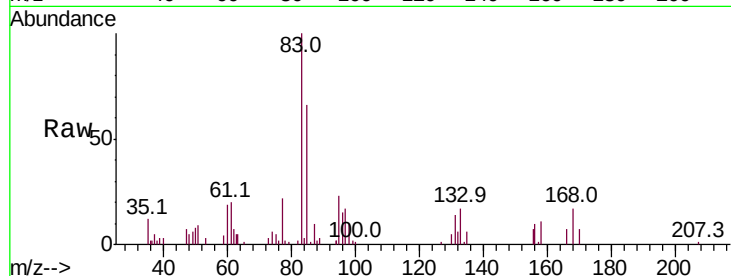
Tot Ion: 83 Resp: 24042

Ion Ratio Lower Upper

83 100

131 15.3 8.0 24.0

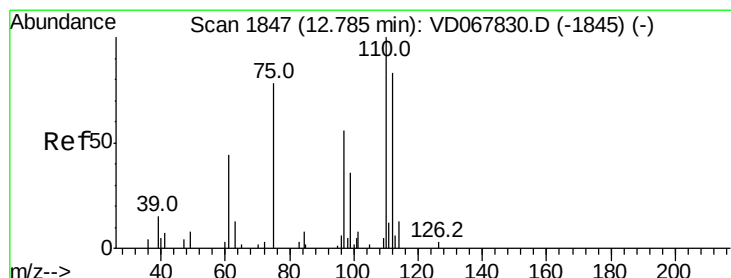
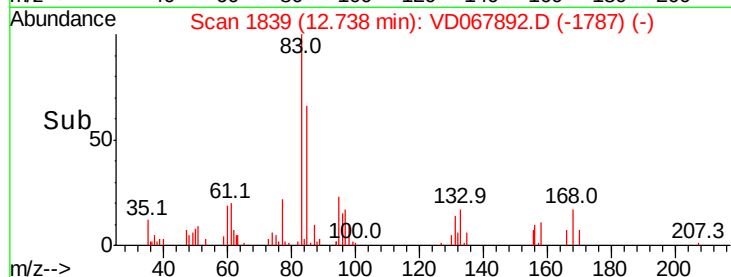
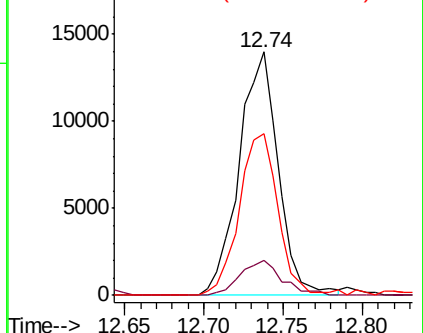
85 65.3 31.7 95.1



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: 37.144 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067892.D

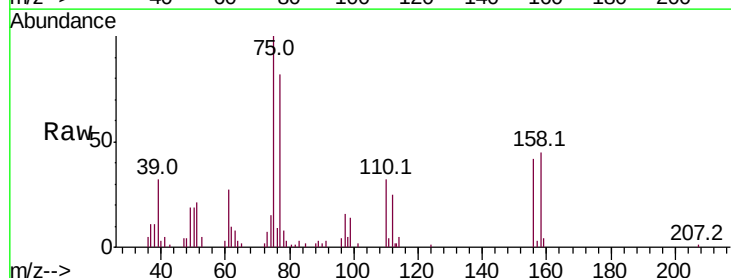
Acq: 07 Dec 2020 11:41

Tgt Ion: 75 Resp: 36422

Ion Ratio Lower Upper

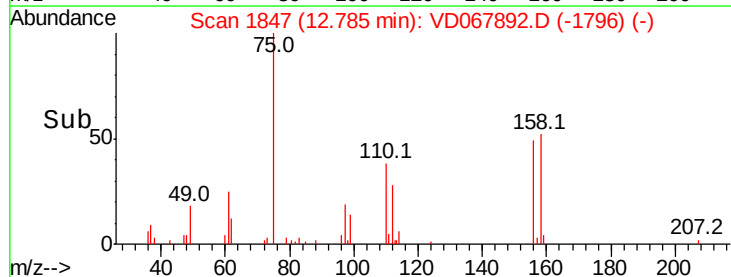
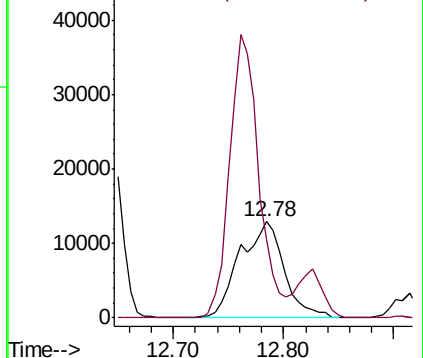
75 100

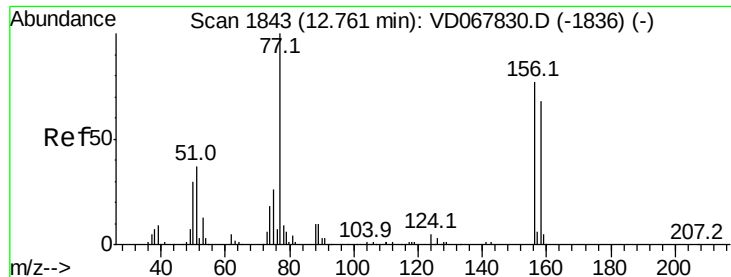
77 0.0 175.9 527.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.829 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

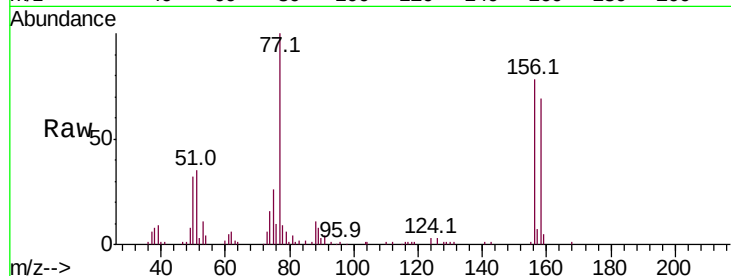
Tot Ion:156 Resp: 50252

Ion Ratio Lower Upper

156 100

77 140.8 71.5 214.5

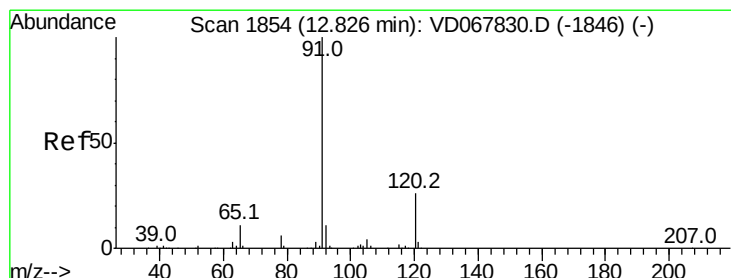
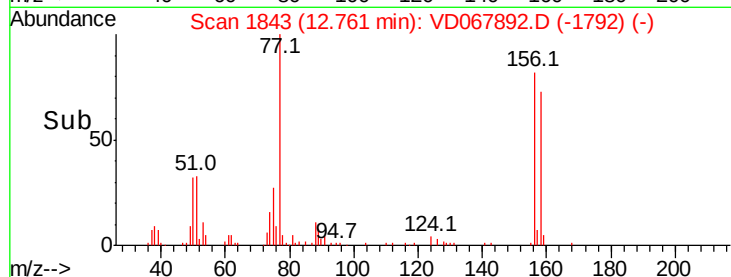
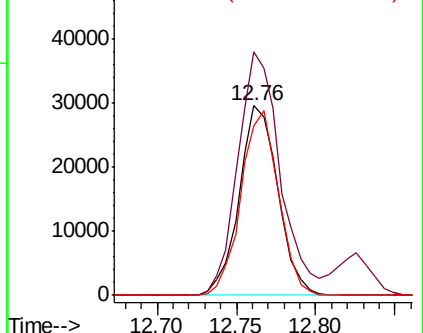
158 94.3 47.1 141.4



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: 22.666 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067892.D

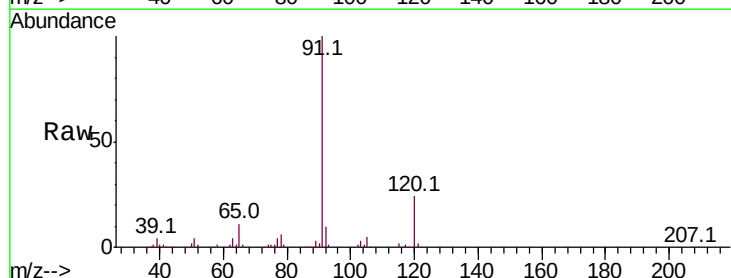
Acq: 07 Dec 2020 11:41

Tgt Ion: 91 Resp: 232628

Ion Ratio Lower Upper

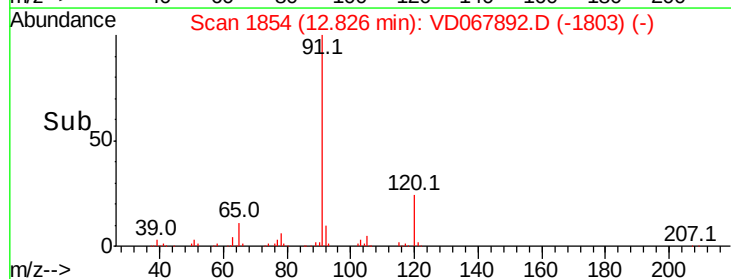
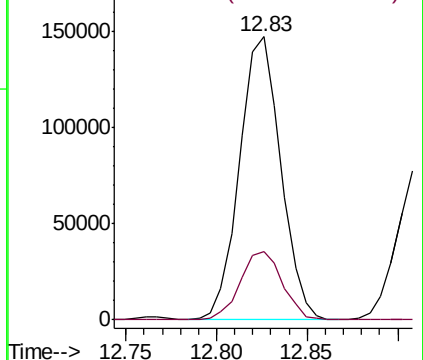
91 100

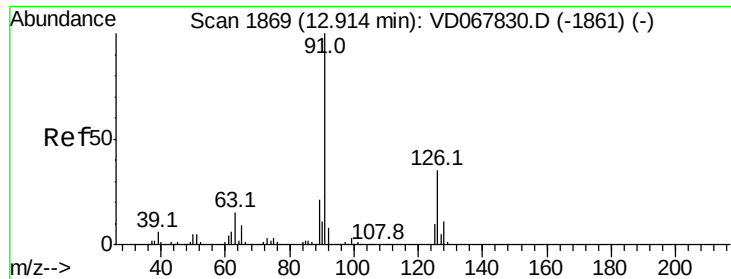
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.886 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

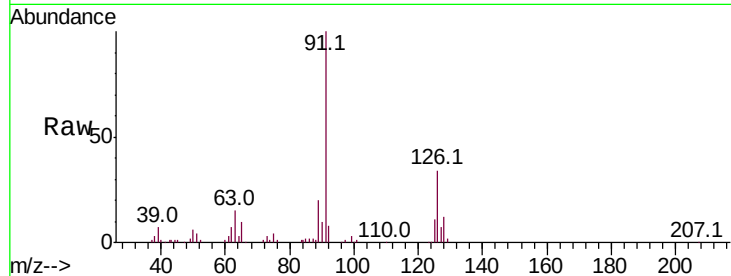
VD1207SBS01

Tot Ion: 91 Resp: 132141

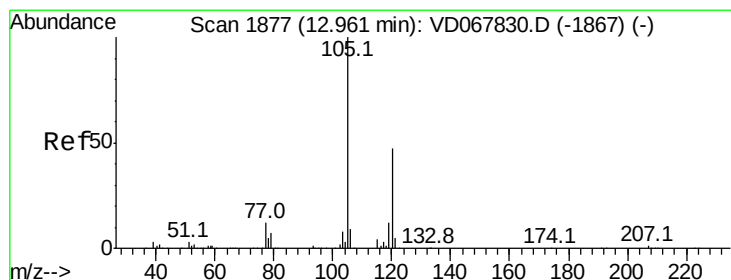
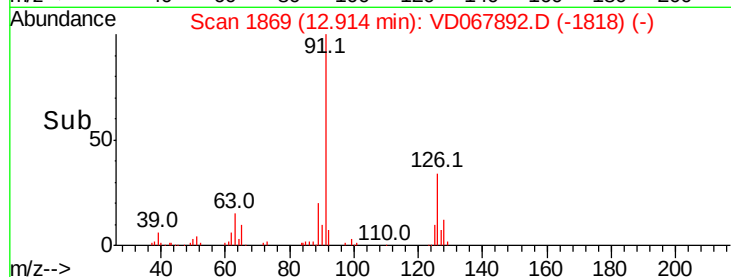
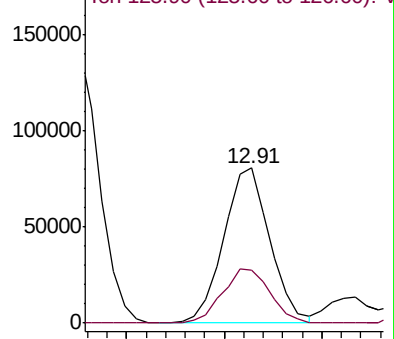
Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 22.612 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067892.D

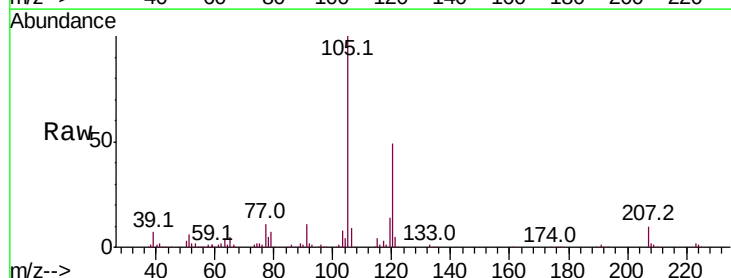
Acq: 07 Dec 2020 11:41

Tgt Ion:105 Resp: 181282

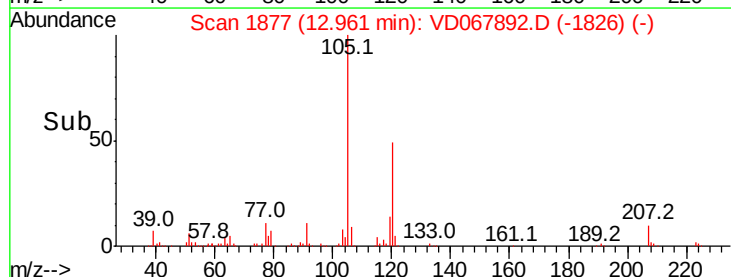
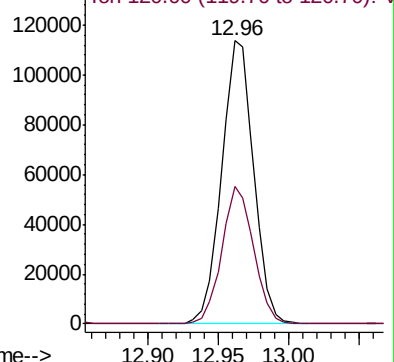
Ion Ratio Lower Upper

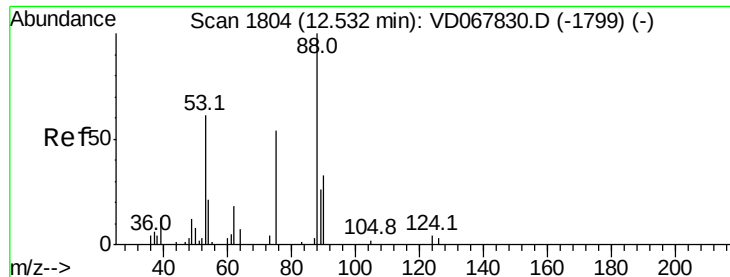
105 100

120 48.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.416 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

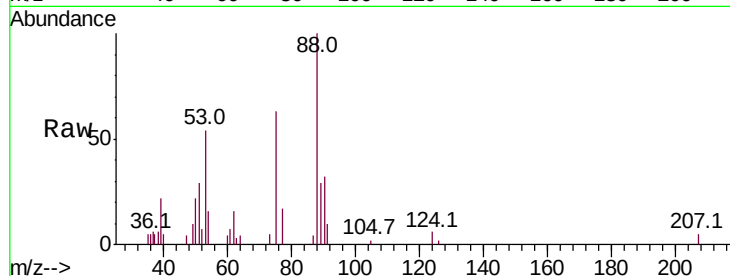
Tot Ion: 75 Resp: 7959

Ion Ratio Lower Upper

75 100

53 105.4 84.6 127.0

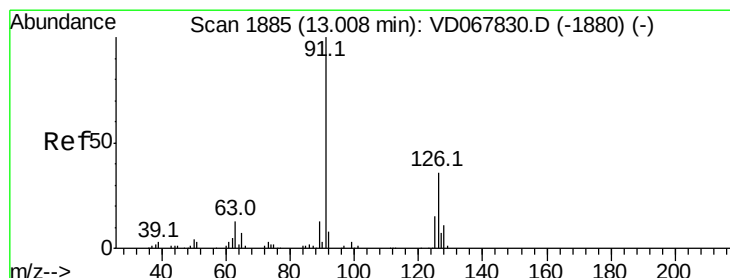
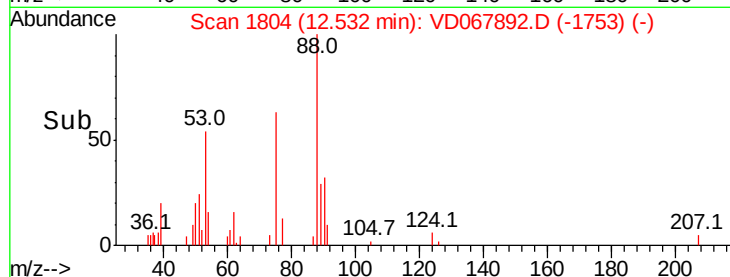
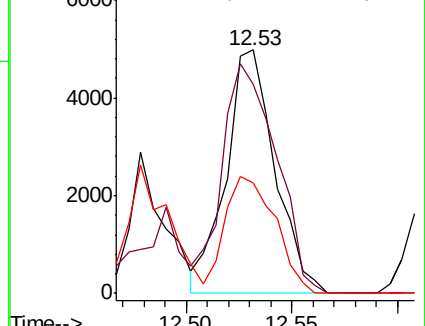
89 49.7 41.0 61.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.960 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067892.D

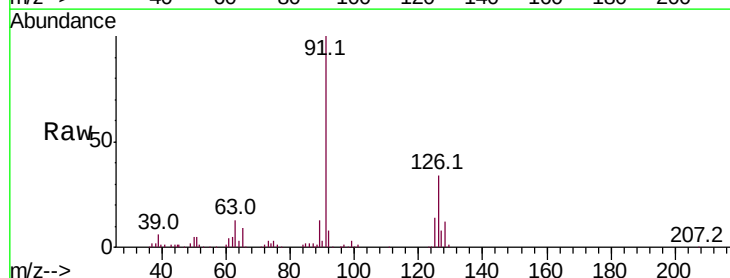
Acq: 07 Dec 2020 11:41

Tgt Ion: 91 Resp: 141437

Ion Ratio Lower Upper

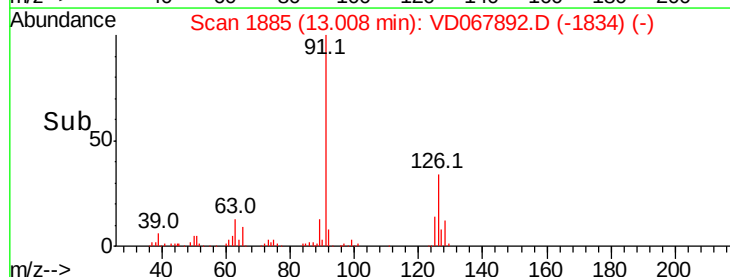
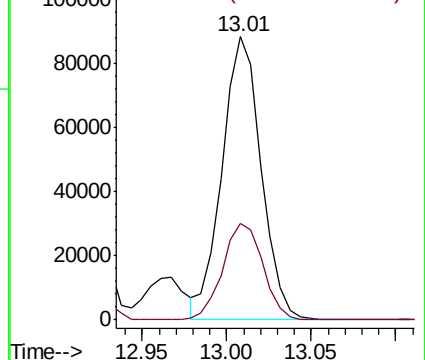
91 100

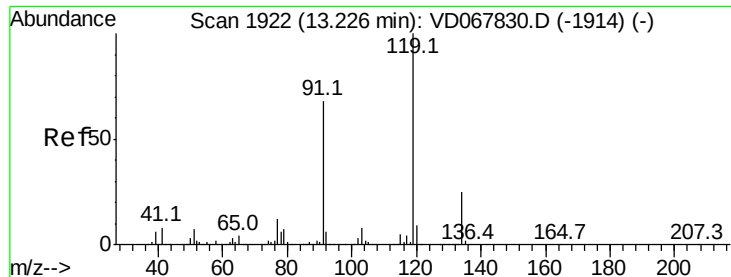
126 35.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

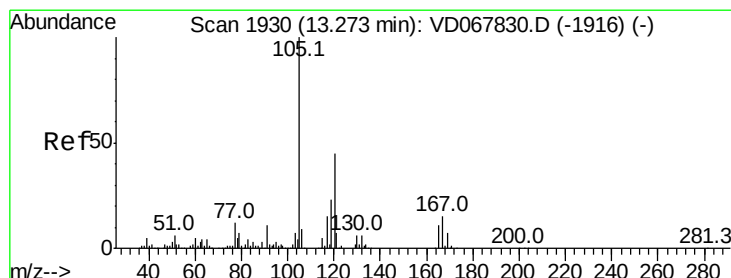
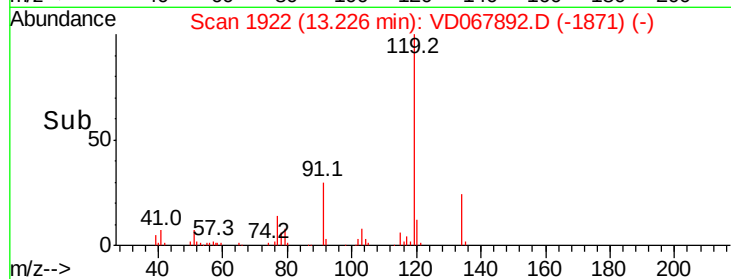
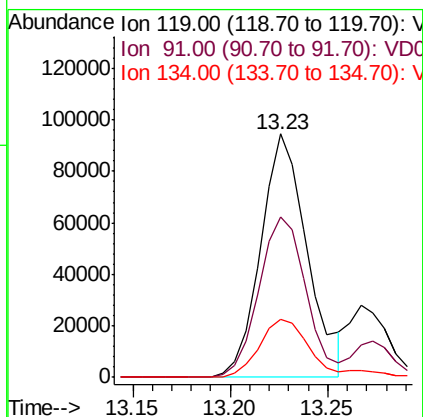
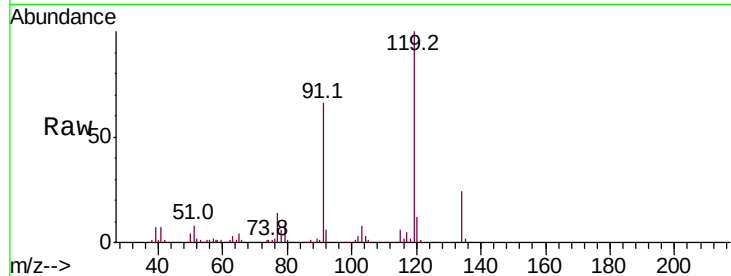




#83
 tert-Butylbenzene
 Concen: 22.904 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

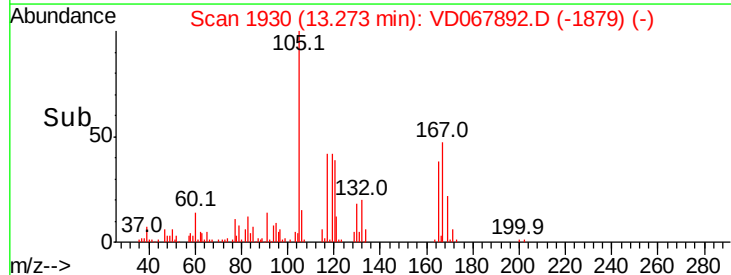
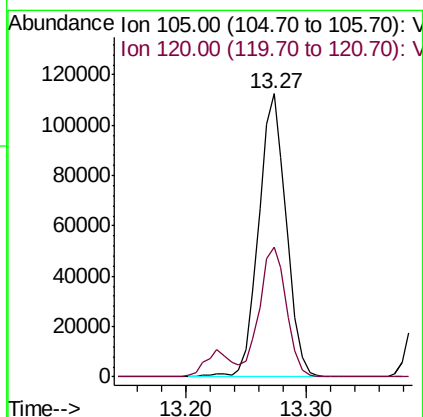
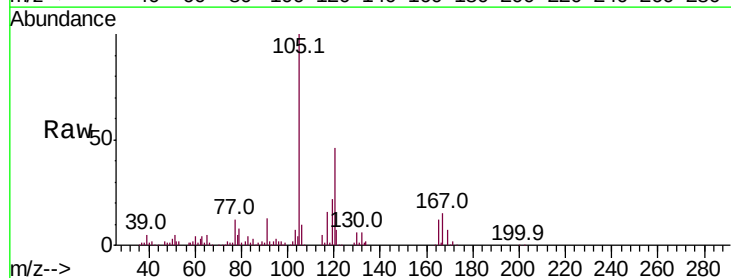
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

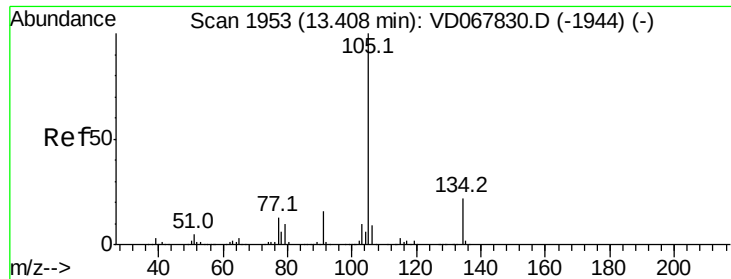
Tot Ion:119 Resp: 156258
 Ion Ratio Lower Upper
 119 100
 91 66.6 33.1 99.3
 134 26.9 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.417 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion:105 Resp: 178716
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 21.863 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

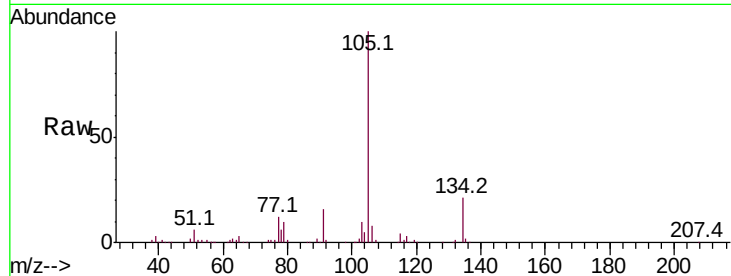
VD1207SBSD01

Tot Ion:105 Resp: 199076

Ion Ratio Lower Upper

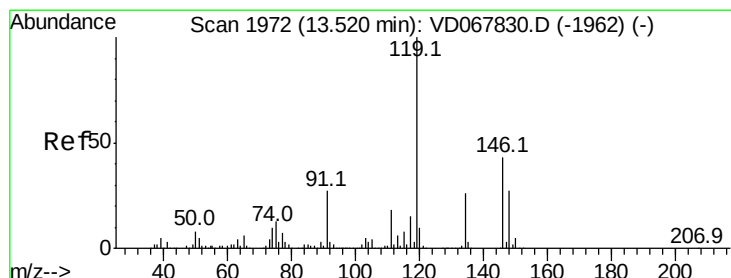
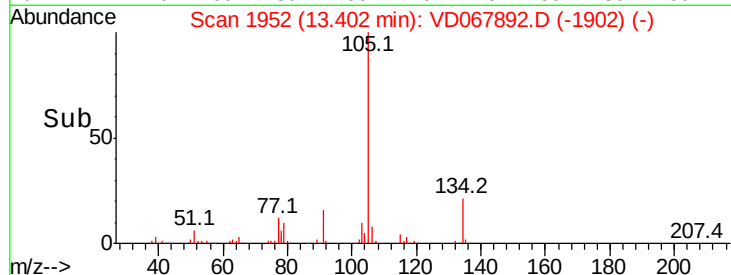
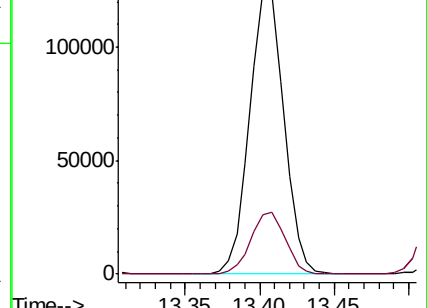
105 100

134 21.7 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.276 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

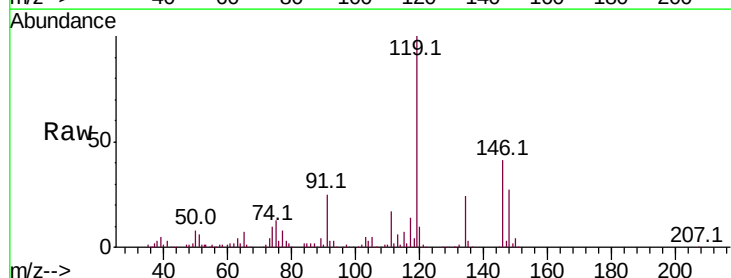
Tgt Ion:119 Resp: 198795

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

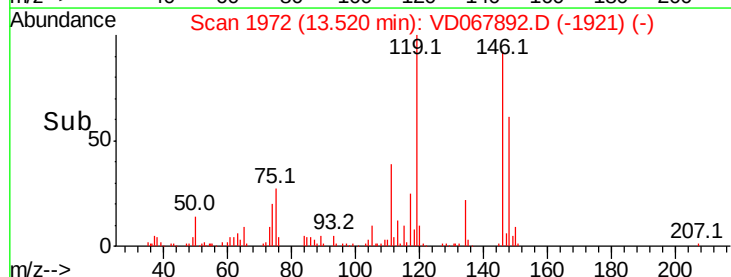
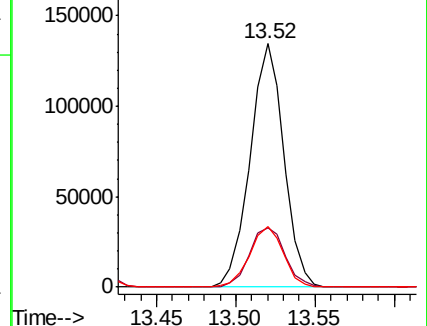
91 25.3 12.8 38.3

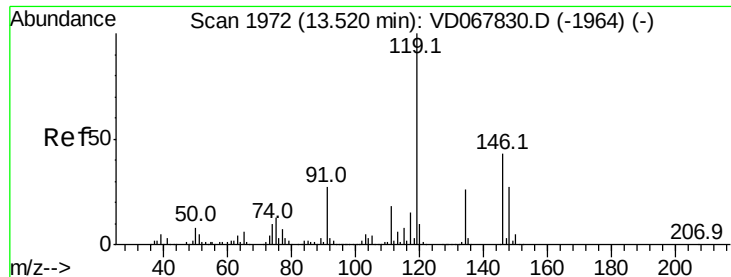


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

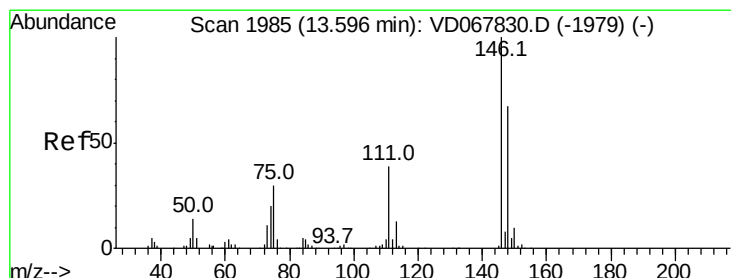
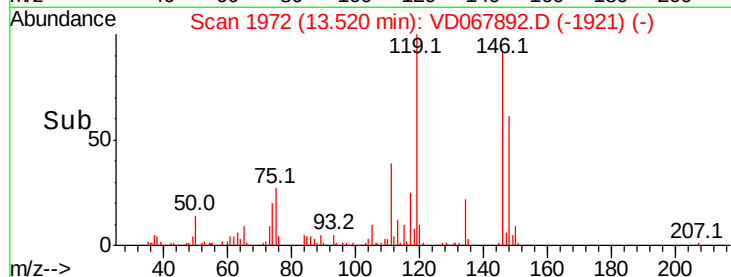
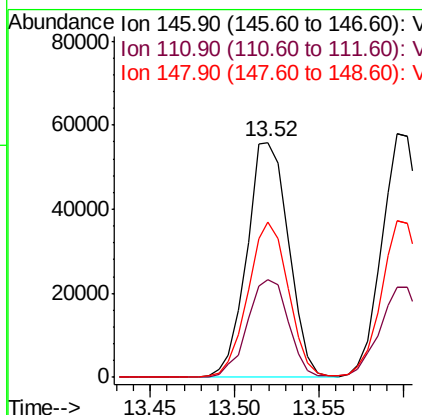
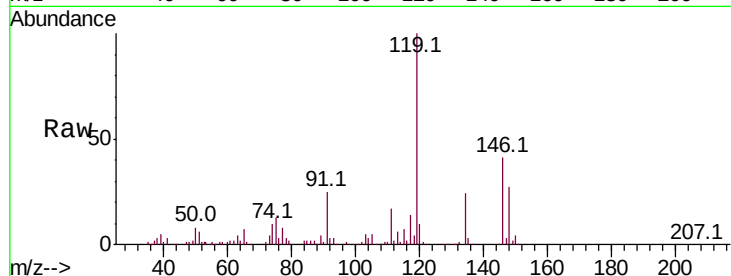




#87
 1,3-Dichlorobenzene
 Concen: 21.663 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

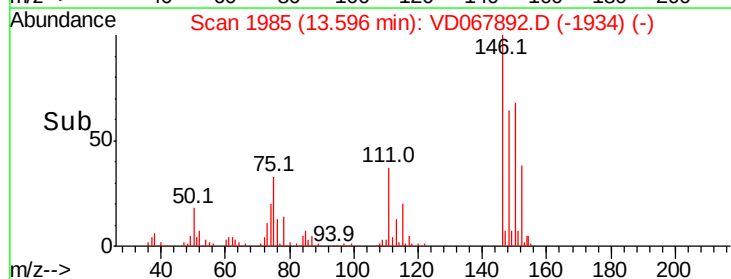
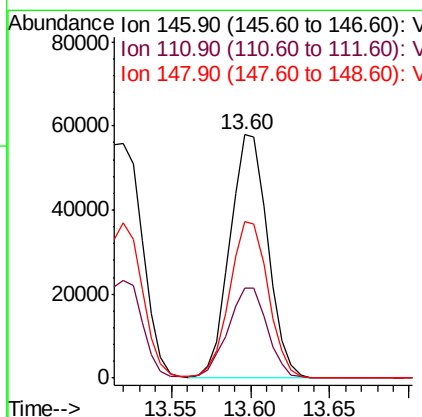
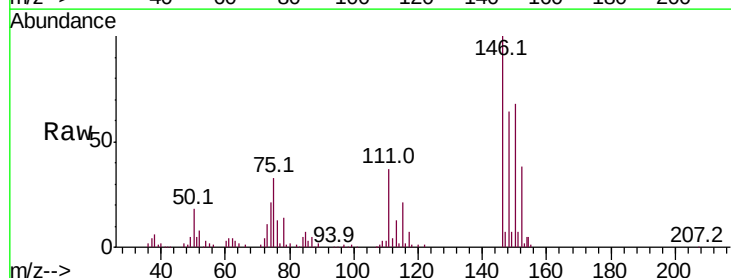
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBSD01

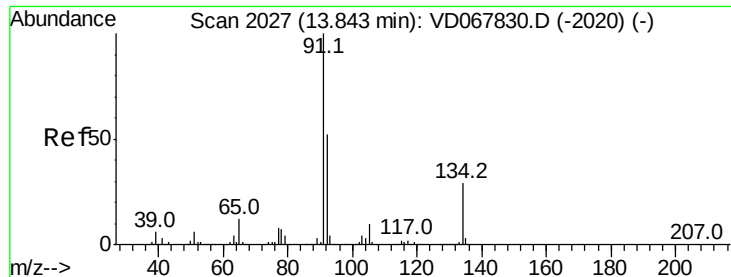
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.8	62.2
148	64.0	32.9	98.6



#88
 1,4-Dichlorobenzene
 Concen: 21.638 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.6
148	65.4	32.4	97.2

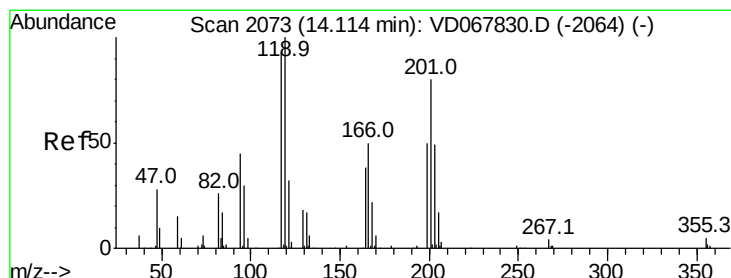
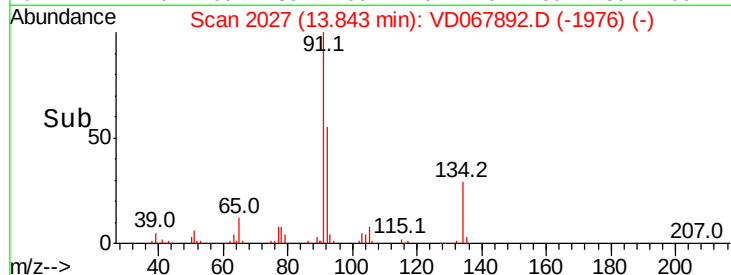
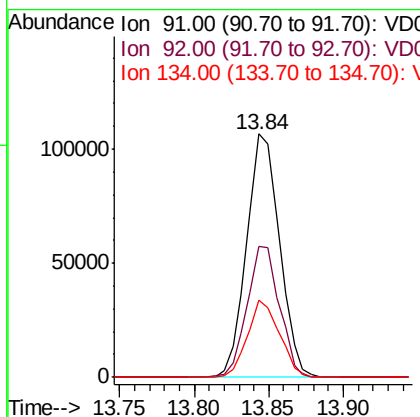
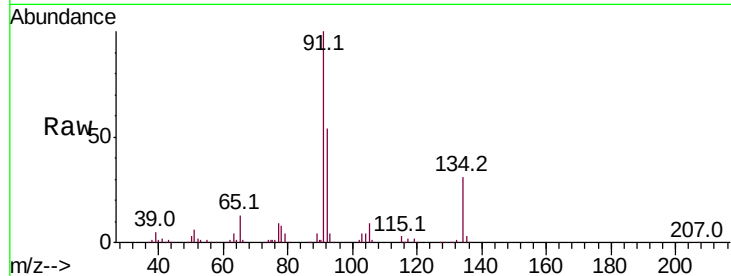




#89
n-Butylbenzene
Concen: 21.935 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

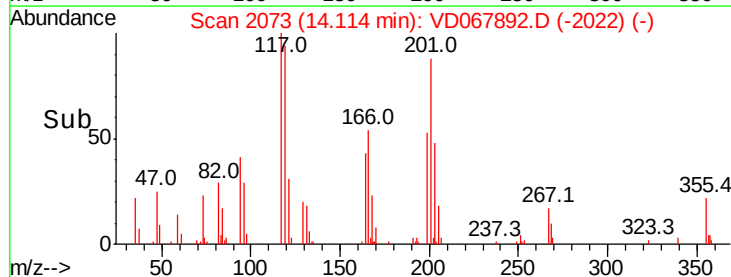
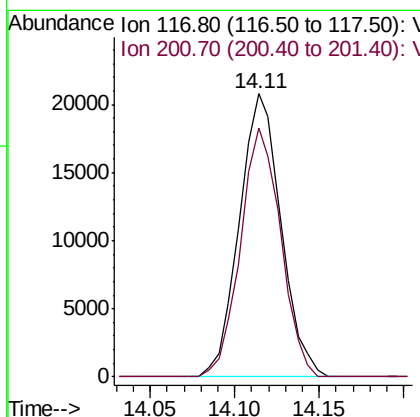
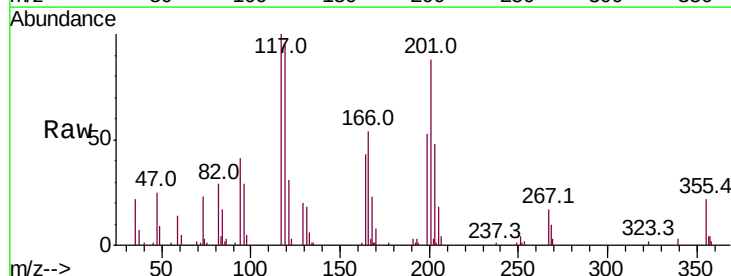
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

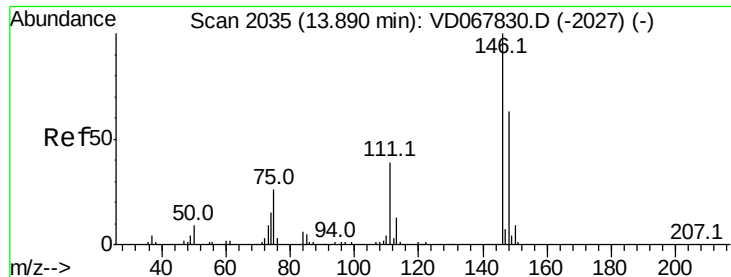
Tot Ion: 91 Resp: 162630
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.8
134 30.8 14.8 44.3



#90
Hexachloroethane
Concen: 21.643 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 117 Resp: 35660
Ion Ratio Lower Upper
117 100
201 84.7 43.9 131.6

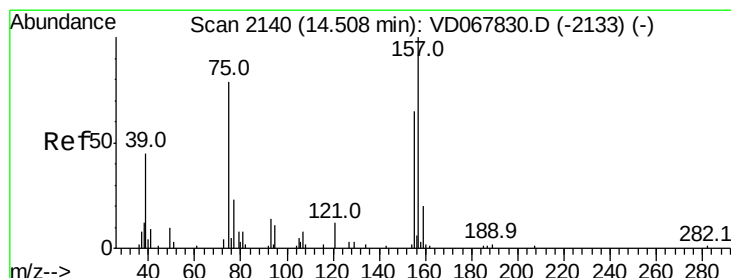
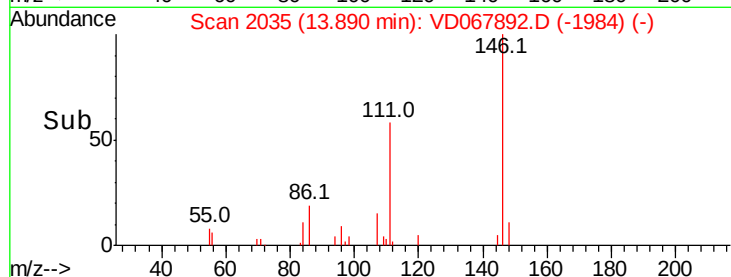
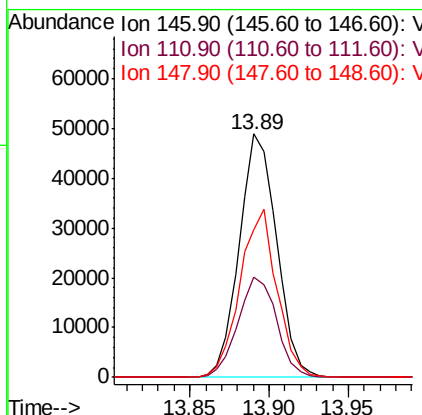
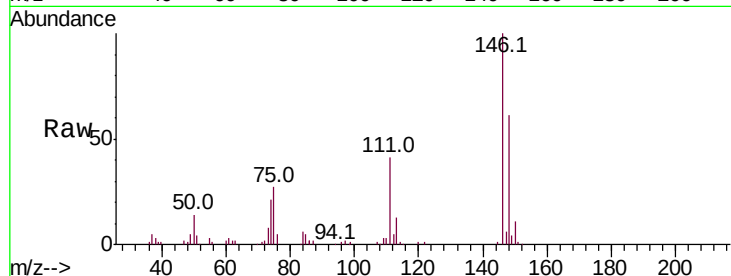




#91
 1,2-Dichlorobenzene
 Concen: 20.803 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

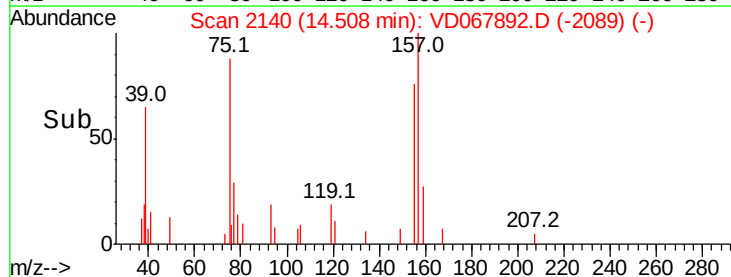
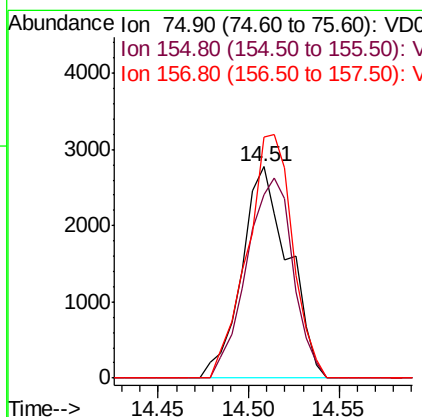
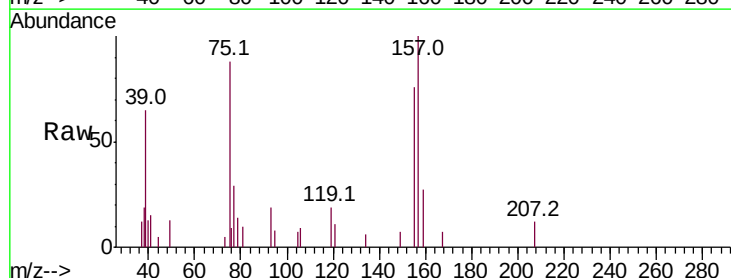
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

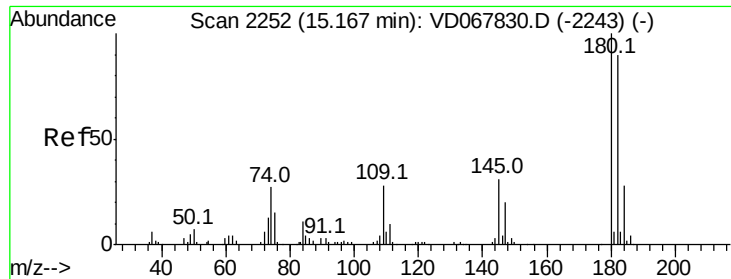
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.4	61.2
148	67.9	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.487 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	44.1	132.4
157	111.8	62.4	187.2

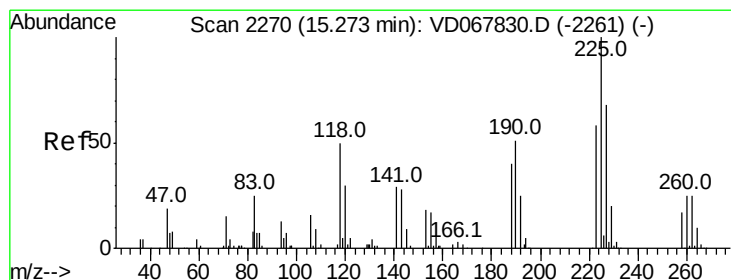
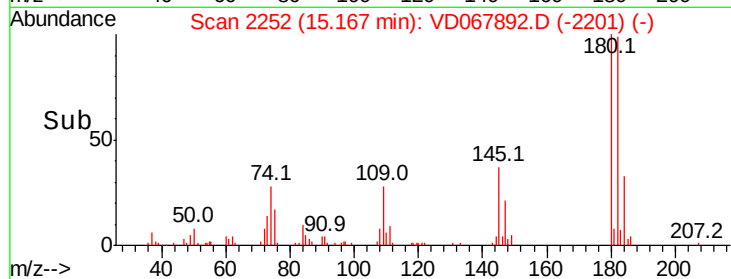
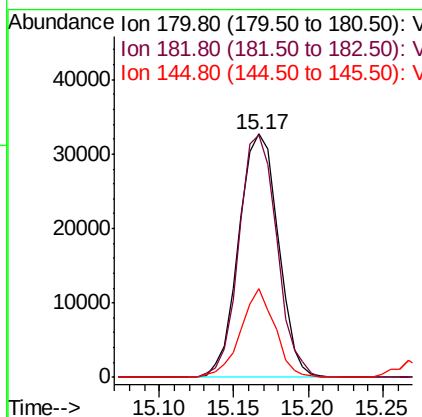
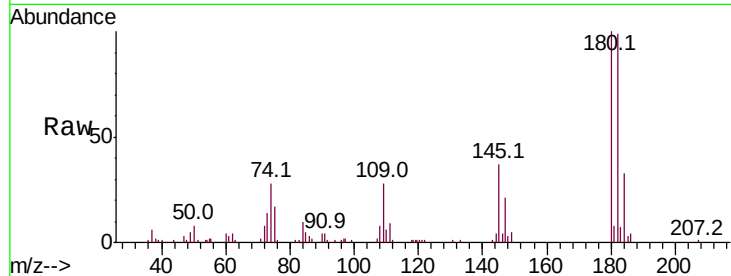




#93
 1,2,4-Trichlorobenzene
 Concen: 22.235 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

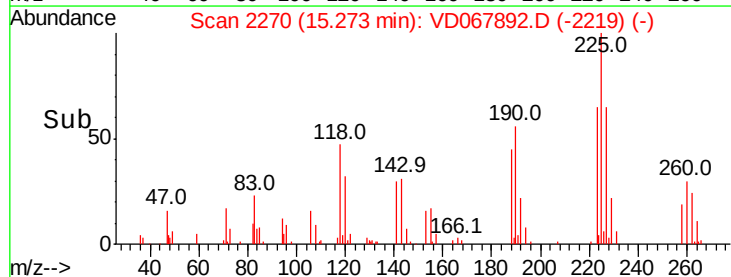
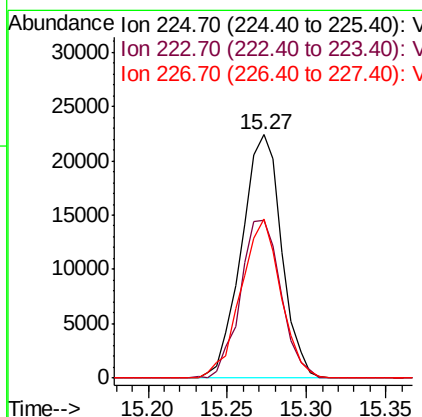
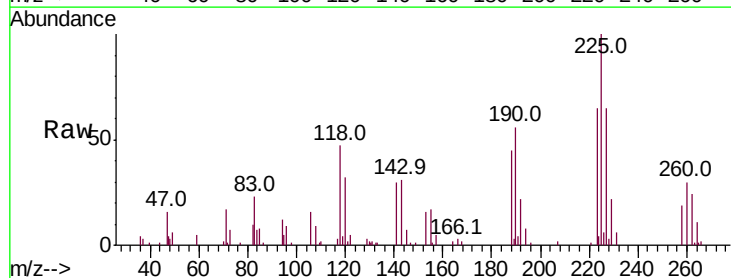
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

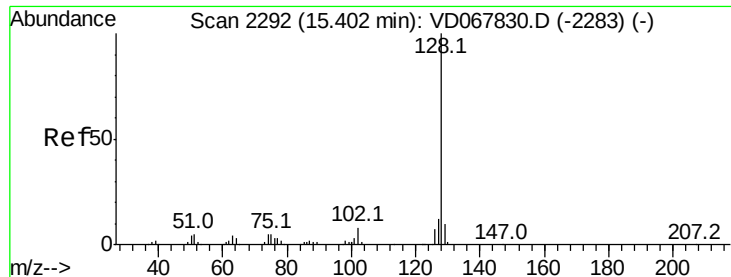
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.6
145	31.6	16.4	49.4



#94
 Hexachlorobutadiene
 Concen: 22.393 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	31.1	93.3
227	65.1	33.1	99.3

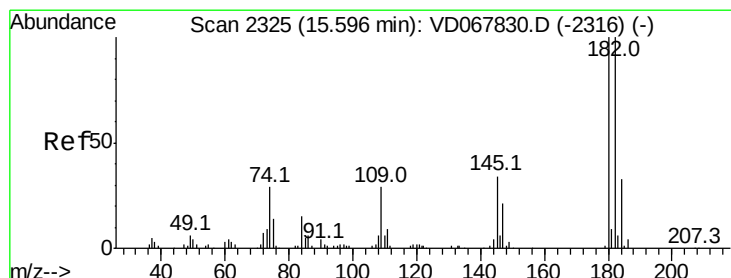
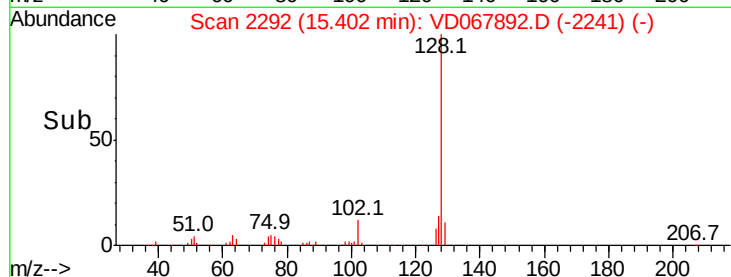
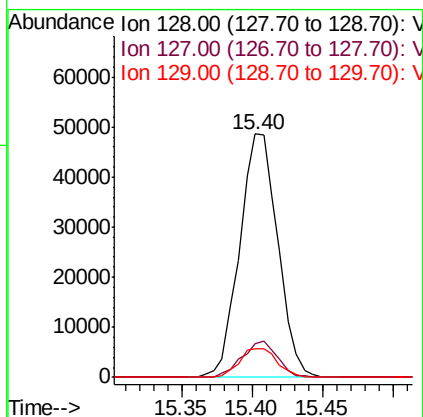
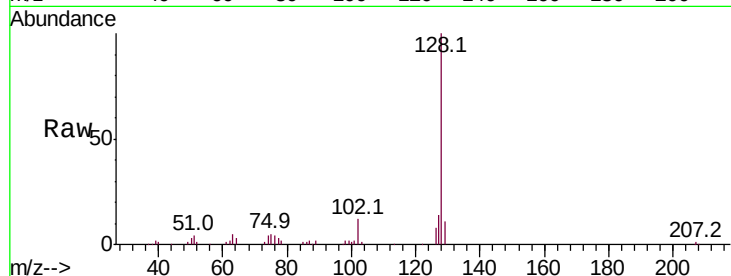




#95
Naphthalene
Concen: 20.953 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

Tot Ion:128 Resp: 91855
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 11.7 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 22.233 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion:180 Resp: 51727
Ion Ratio Lower Upper
180 100
182 91.8 47.3 142.0
145 32.0 16.8 50.4

