

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068591.D
 Acq On : 11 Mar 2021 18:02
 Operator : VA/SY
 Sample : M1642-02
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 12 00:14:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	227064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	426194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	233182	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	212466	50.00	ug/l	#-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	131092	57.78	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.56%	
35) Dibromofluoromethane	7.914	113	137656	53.62	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.24%	
50) Toluene-d8	10.338	98	906783	88.67	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 177.34%#	
62) 4-Bromofluorobenzene	12.626	95	540821	164.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 328.20%#	

Target Compounds

						Qvalue
13) Acrolein	4.132	56	4201	24.27	ug/l	93
14) Allyl chloride	4.950	41	51060	17.34	ug/l #	55
15) Acrylonitrile	5.491	53	7814	16.49	ug/l #	47
16) Acetone	4.162	43	58107	161.25	ug/l	98
17) Carbon Disulfide	4.403	76	12016	1.61	ug/l	99
18) Methyl Acetate	4.950	43	114597	123.38	ug/l #	43
20) Methylene Chloride	4.967	84	3803	Below Cal	#	39
25) 2-Butanone	7.208	43	31727	61.25	ug/l #	68
31) Cyclohexane	7.985	56	177451	43.01	ug/l	97
36) 1,1-Dichloropropene	7.985	75	18551	4.58	ug/l #	64
37) Ethyl Acetate	7.208	43	31727	23.60	ug/l #	65
38) Carbon Tetrachloride	7.979	117	22410	5.89	ug/l #	16
39) Methylcyclohexane	9.355	83	2171643	434.65	ug/l	97
41) Methacrylonitrile	7.561	41	4093	5.25	ug/l #	33
43) Isopropyl Acetate	8.450	43	207555	84.02	ug/l #	46
45) 1,2-Dichloropropane	9.355	63	24873	8.95	ug/l #	1
47) Bromodichloromethane	9.632	83	86211	22.05	ug/l #	47
48) Methyl methacrylate	9.408	41	214743	163.08	ug/l #	38
51) 4-Methyl-2-Pentanone	10.267	43	66869	51.73	ug/l #	50
55) 1,1,2-Trichloroethane	10.779	97	2617319	1251.41	ug/l #	24
56) Ethyl methacrylate	10.644	69	722750	300.63	ug/l #	69
58) 2-Chloroethyl Vinyl ether	9.961	63	3121	2.59	ug/l #	41
59) 2-Hexanone	10.955	43	4599302	5337.68	ug/l #	24
60) Dibromochloromethane	11.061	129	8374	3.23	ug/l	84
61) 1,2-Dibromoethane	11.249	107	6713	3.28	ug/l #	3
65) Chlorobenzene	11.573	112	53056	11.17	ug/l #	43
67) Ethyl Benzene	11.738	91	19441	2.29	ug/l #	60
68) m/p-Xylenes	11.855	106	5784	1.80	ug/l #	1
69) o-Xylene	12.185	106	7432	2.51	ug/l #	1
73) Isopropylbenzene	12.479	105	824351	52.31	ug/l	99
74) N-amyl acetate	12.273	43	4650482	1732.34	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.708	83	550231	202.96	ug/l #	78
76) 1,2,3-Trichloropropane	12.802	75	9033	4.79	ug/l #	100
78) n-propylbenzene	12.820	91	927514	49.26	ug/l	92
79) 2-Chlorotoluene	12.714	91	57103	5.46	ug/l	84
80) 1,3,5-Trimethylbenzene	13.120	105	73860	5.72	ug/l	69

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Quant Time: Mar 12 00:14:06 2021
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 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

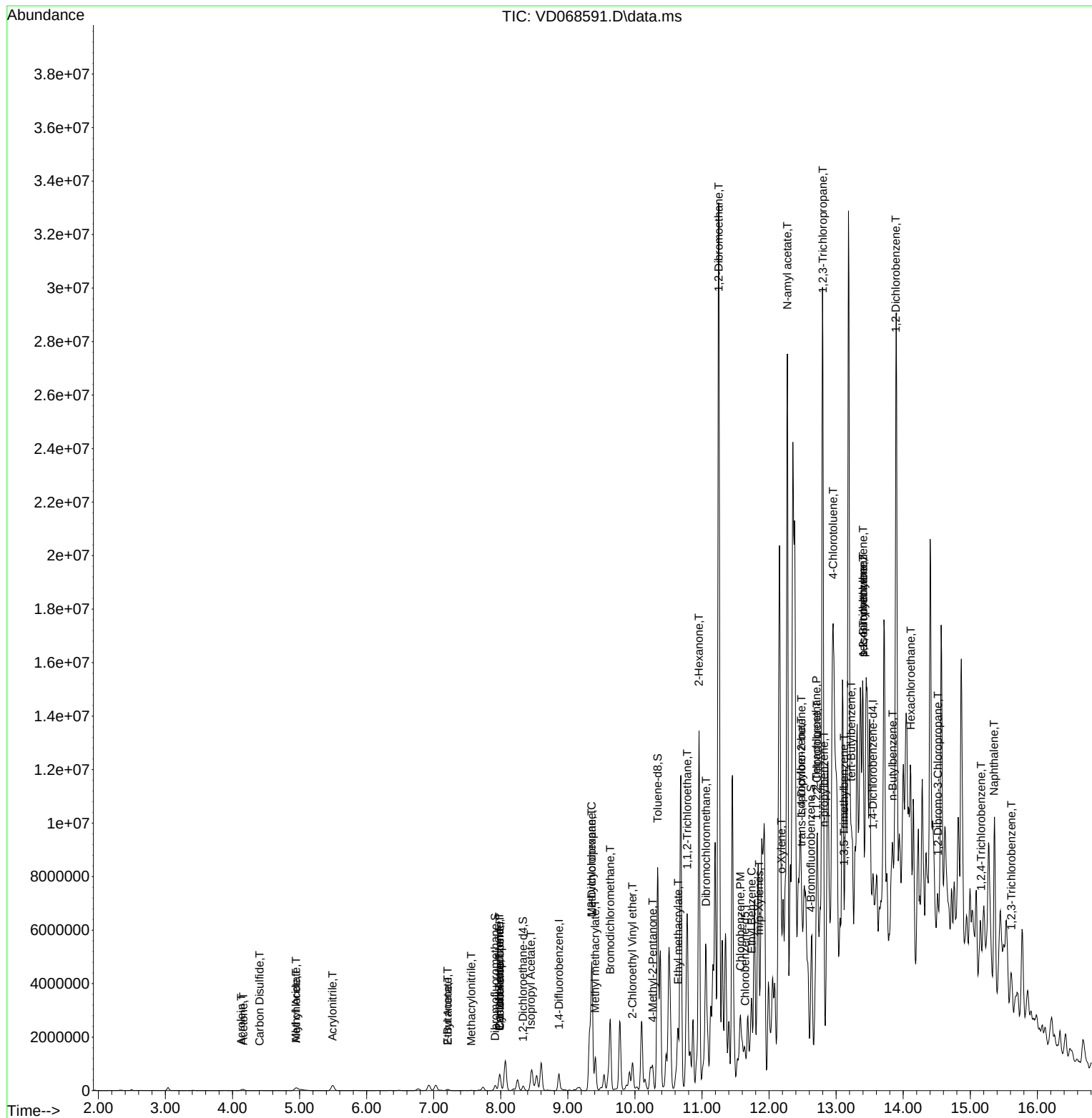
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.485	75	9609	11.89	ug/l #	1
82) 4-Chlorotoluene	12.955	91	98857	8.99	ug/l #	1
83) tert-Butylbenzene	13.226	119	186789	16.99	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.402	105	3298905	255.04	ug/l #	32
85) sec-Butylbenzene	13.402	105	3298905	212.37	ug/l	82
86) p-Isopropyltoluene	13.402	119	56419	4.00	ug/l #	1
89) n-Butylbenzene	13.843	91	614618	45.19	ug/l #	70
90) Hexachloroethane	14.114	117	117047	41.77	ug/l #	10
91) 1,2-Dichlorobenzene	13.890	146	6606	1.11	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.520	75	4519	9.46	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.161	180	14105	3.07	ug/l #	1
95) Naphthalene	15.355	128	60924	7.31	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.614	180	26624	6.68	ug/l #	12

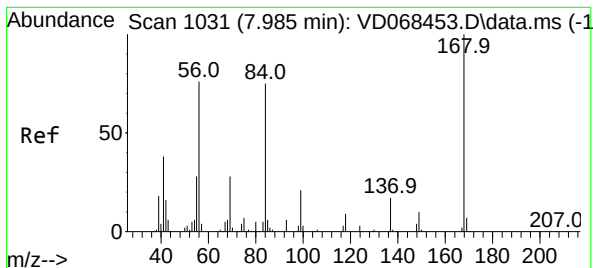
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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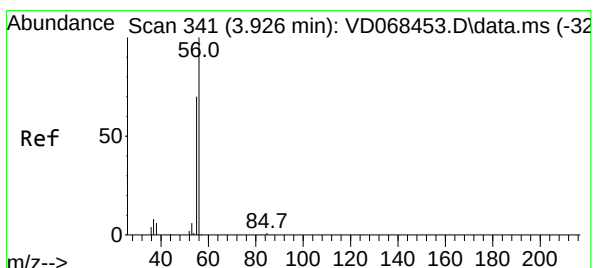
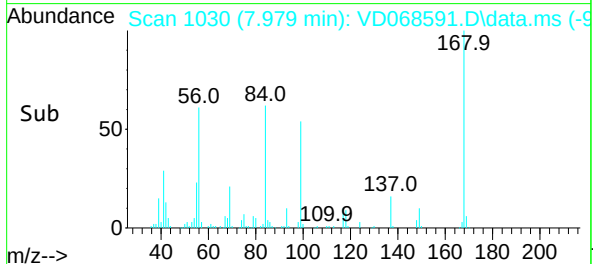
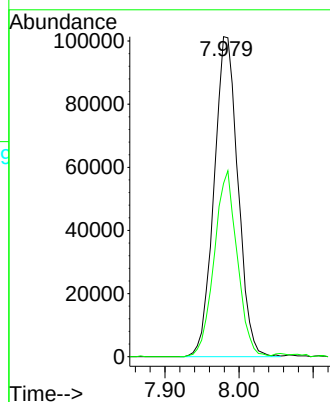
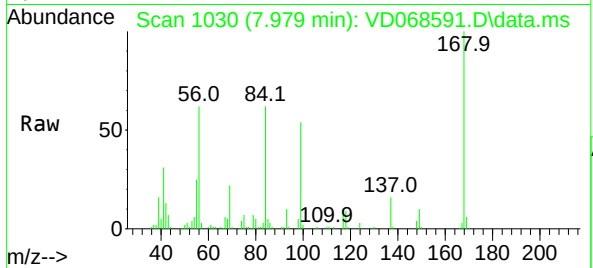




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

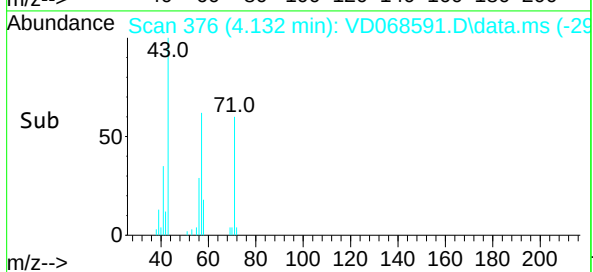
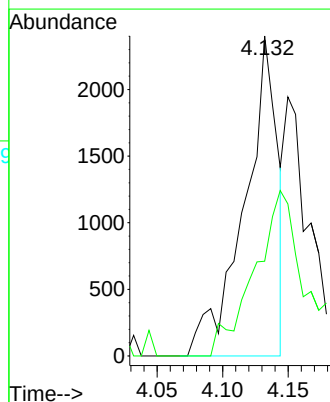
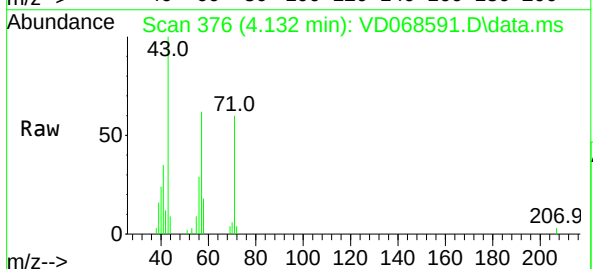
Instrument :
MSVOA_D
ClientSampled :

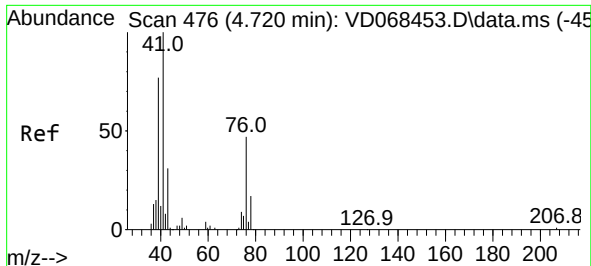
Tgt Ion:168 Resp: 227064
Ion Ratio Lower Upper
168 100
99 54.2 43.5 65.3



#13
Acrolein
Concen: 24.27 ug/l
RT: 4.132 min Scan# 376
Delta R.T. 0.206 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

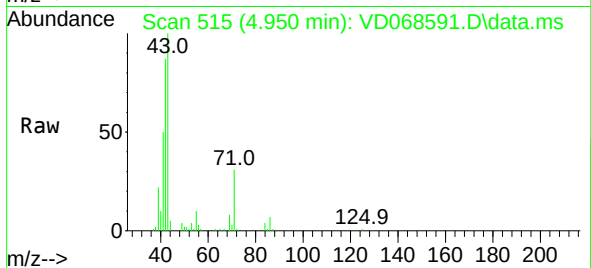
Tgt Ion: 56 Resp: 4201
Ion Ratio Lower Upper
56 100
55 76.4 56.5 84.7



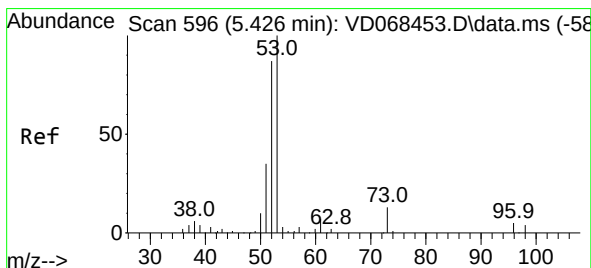
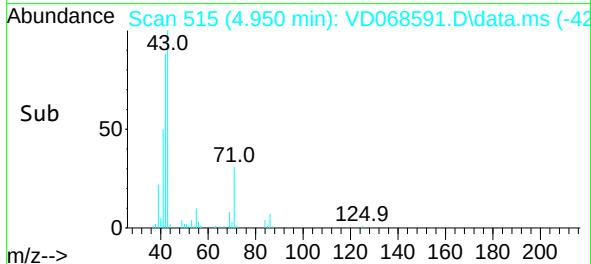
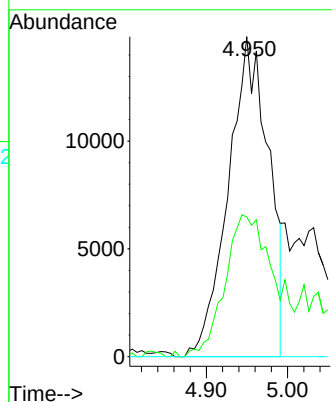


#14
 Allyl chloride
 Concen: 17.34 ug/l
 RT: 4.950 min Scan# 515
 Delta R.T. 0.230 min
 Lab File: VD068591.D
 Acq: 11 Mar 2021 18:02

Instrument :
 MSVOA_D
 ClientSampled :

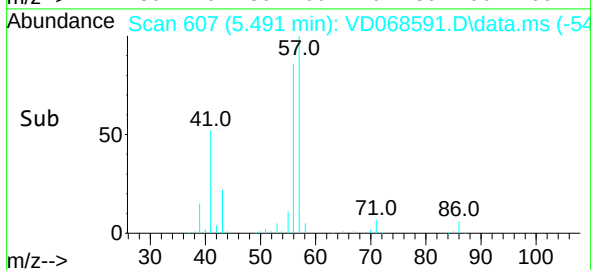
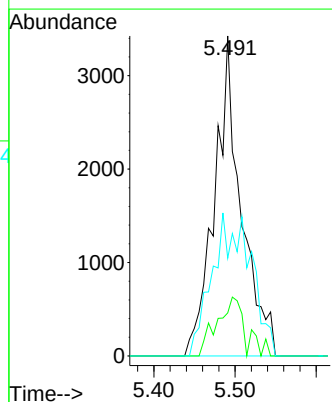
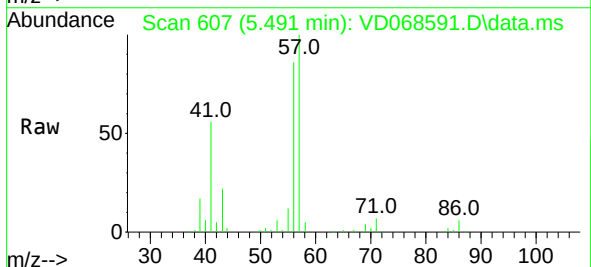


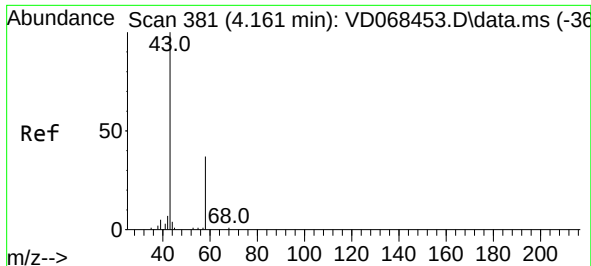
Tgt Ion: 41 Resp: 51060
 Ion Ratio Lower Upper
 41 100
 39 48.7 56.3 84.5#
 76 0.0 38.9 58.3#



#15
 Acrylonitrile
 Concen: 16.49 ug/l
 RT: 5.491 min Scan# 607
 Delta R.T. 0.065 min
 Lab File: VD068591.D
 Acq: 11 Mar 2021 18:02

Tgt Ion: 53 Resp: 7814
 Ion Ratio Lower Upper
 53 100
 52 19.6 66.2 99.2#
 51 28.8 29.0 43.4#





#16

Acetone

Concen: 161.25 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.000 min

Lab File: VD068591.D

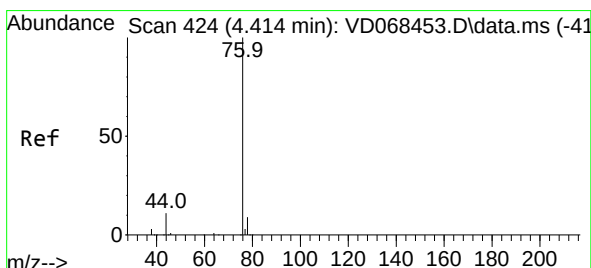
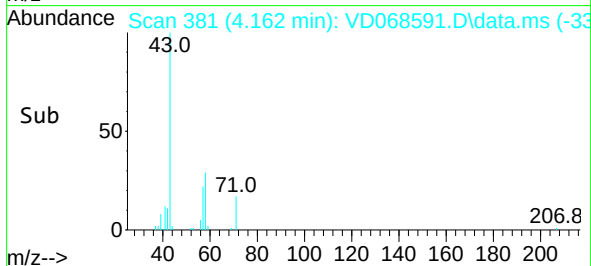
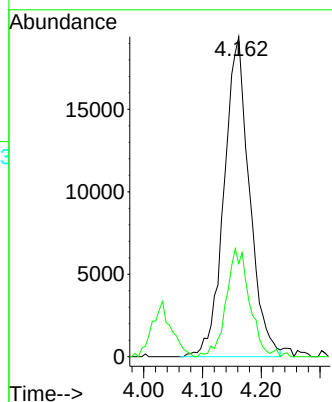
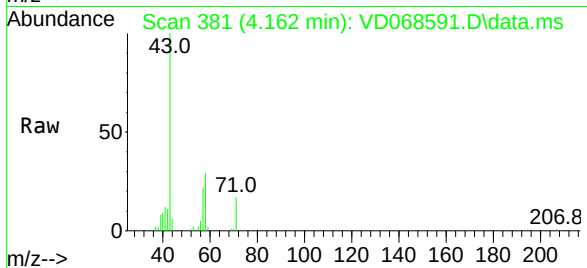
Acq: 11 Mar 2021 18:02

Tgt Ion: 43 Resp: 58107

Ion Ratio Lower Upper

43 100

58 29.1 24.2 36.4



#17

Carbon Disulfide

Concen: 1.61 ug/l

RT: 4.403 min Scan# 422

Delta R.T. -0.011 min

Lab File: VD068591.D

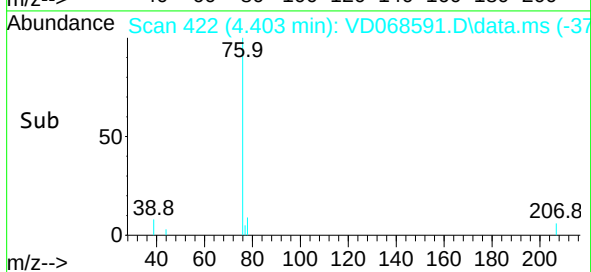
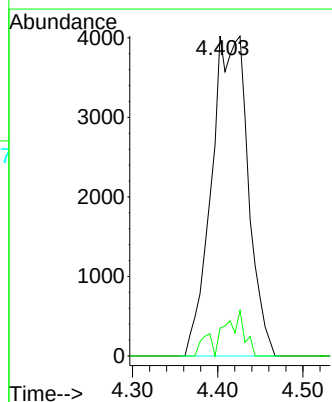
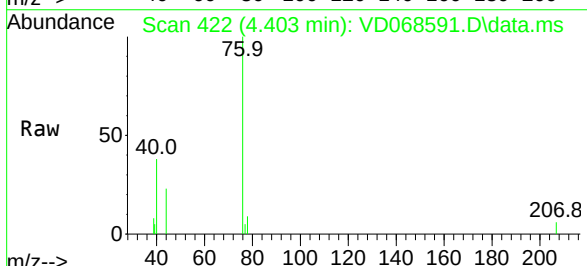
Acq: 11 Mar 2021 18:02

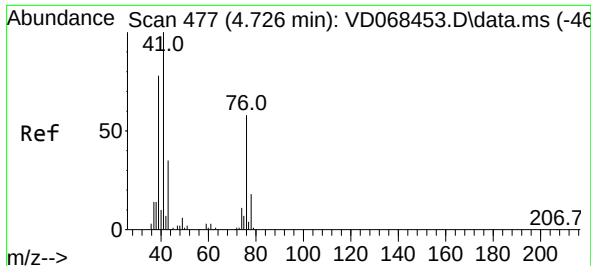
Tgt Ion: 76 Resp: 12016

Ion Ratio Lower Upper

76 100

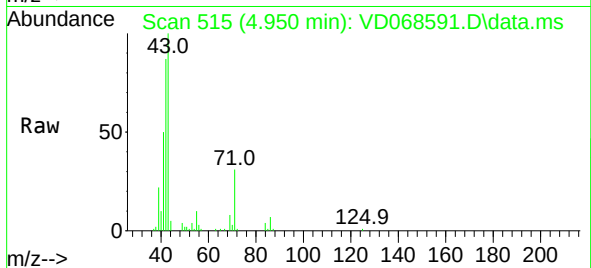
78 8.7 7.3 10.9



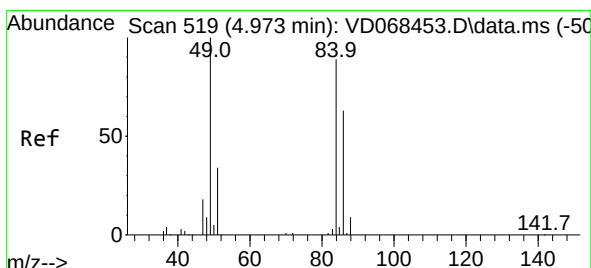
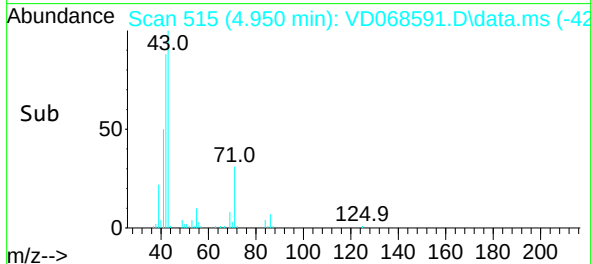
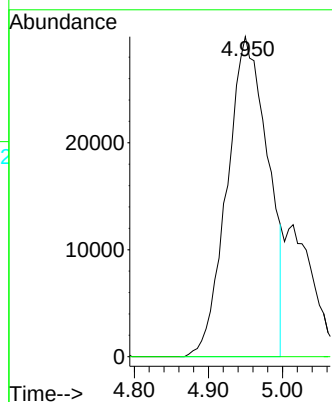


#18
Methyl Acetate
Concen: 123.38 ug/l
RT: 4.950 min Scan# 515
Delta R.T. 0.224 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Instrument :
MSVOA_D
ClientSampled :

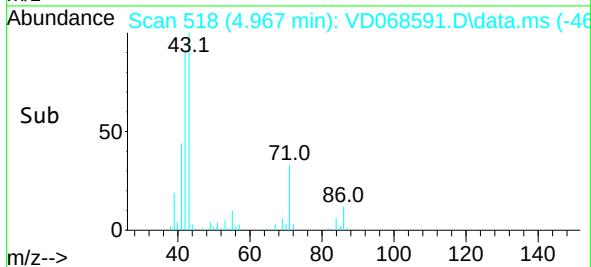
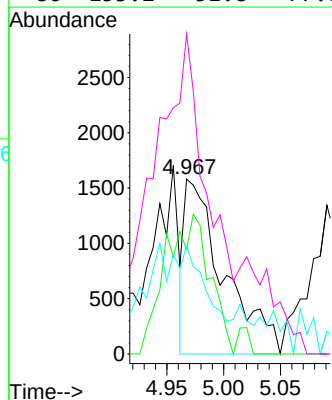
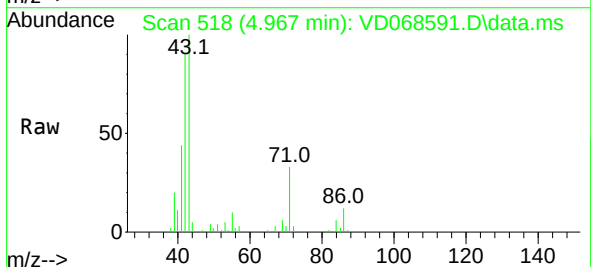


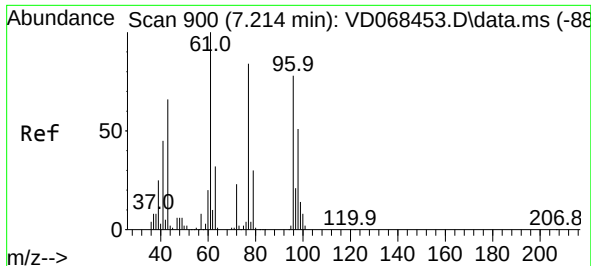
Tgt Ion: 43 Resp: 114597
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

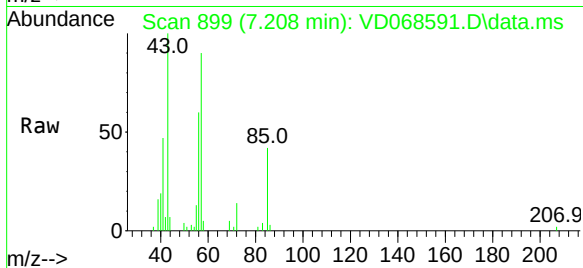
Tgt Ion: 84 Resp: 3803
Ion Ratio Lower Upper
84 100
49 59.7 77.4 116.2#
51 48.8 26.1 39.1#
86 153.2 51.8 77.8#



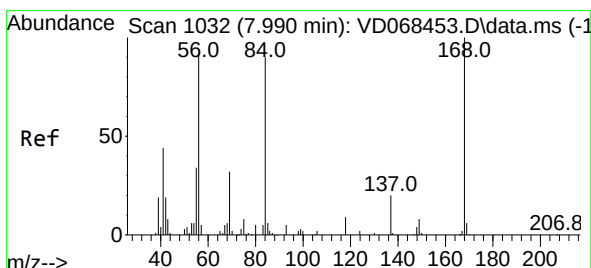
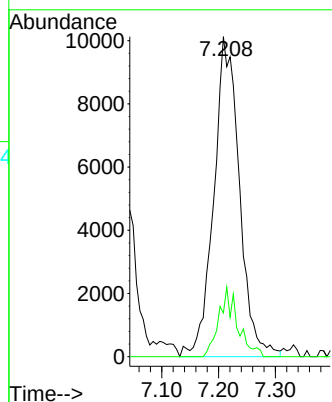
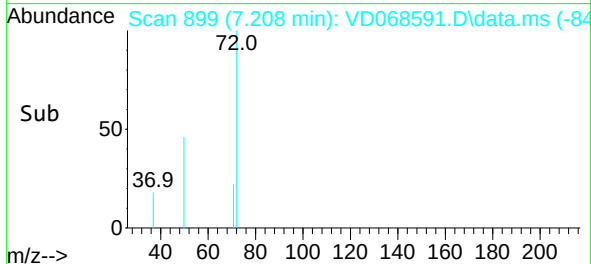


#25
2-Butanone
Concen: 61.25 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

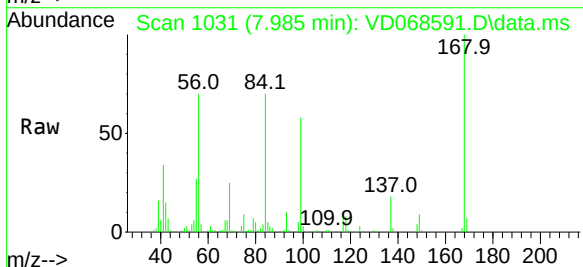
Instrument :
MSVOA_D
ClientSampled :



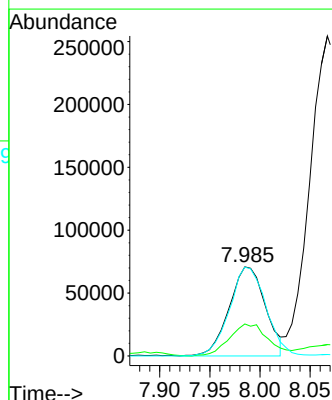
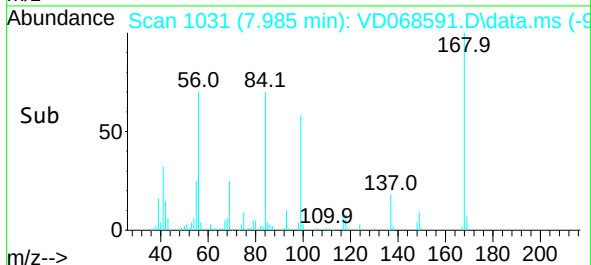
Tgt Ion: 43 Resp: 31727
Ion Ratio Lower Upper
43 100
72 13.7 25.1 37.7#

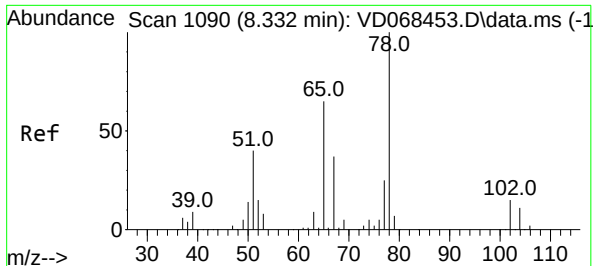


#31
Cyclohexane
Concen: 43.01 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02



Tgt Ion: 56 Resp: 177451
Ion Ratio Lower Upper
56 100
69 35.4 30.1 45.1
84 99.6 82.1 123.1

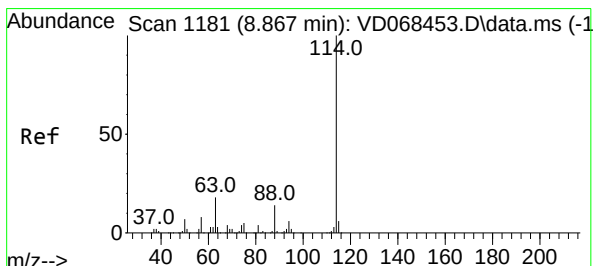
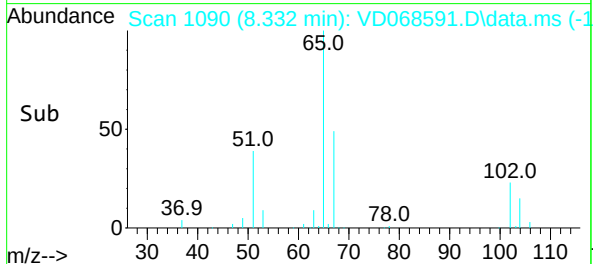
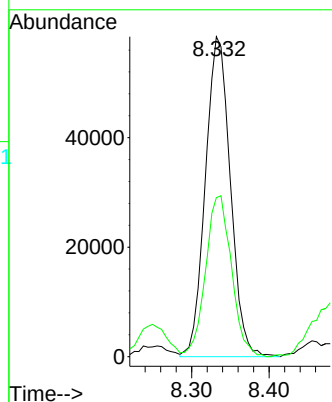
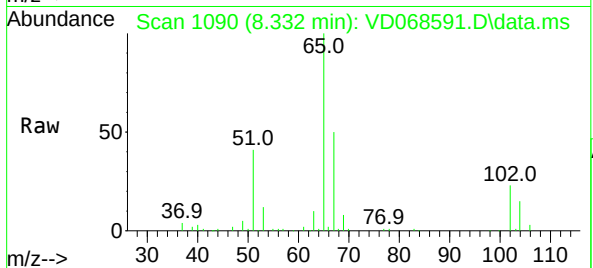




#33
1,2-Dichloroethane-d4
Concen: 57.78 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

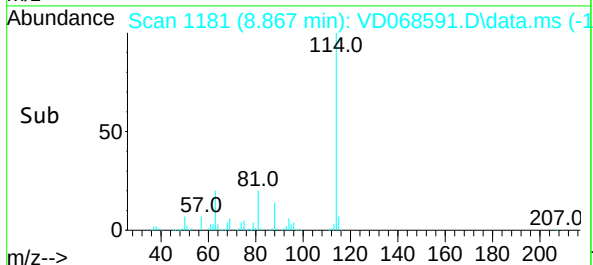
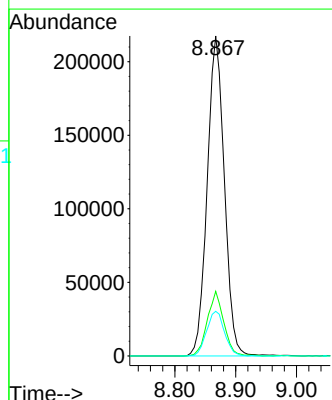
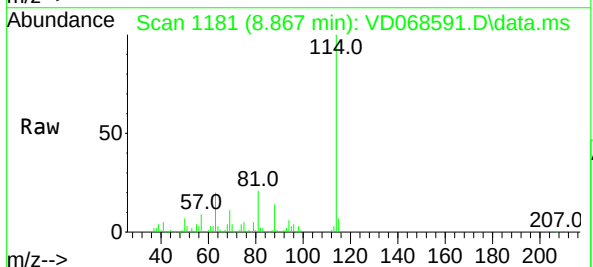
Instrument :
MSVOA_D
ClientSampleId :

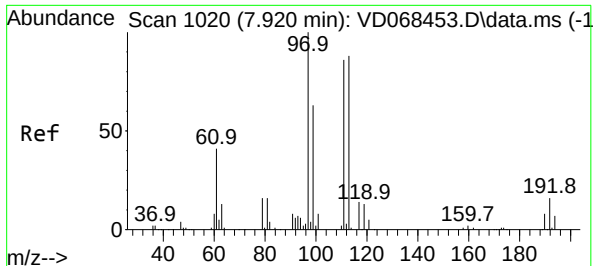
Tgt Ion: 65 Resp: 131092
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion:114 Resp: 426194
Ion Ratio Lower Upper
114 100
63 20.2 0.0 34.8
88 14.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.62 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068591.D

Acq: 11 Mar 2021 18:02

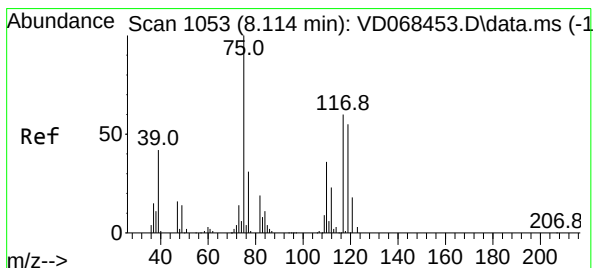
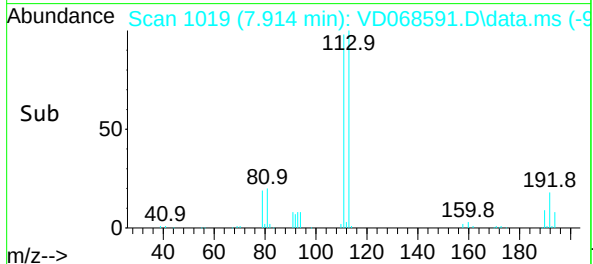
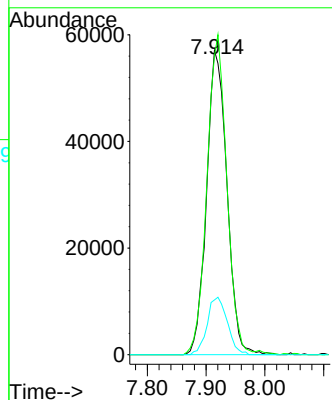
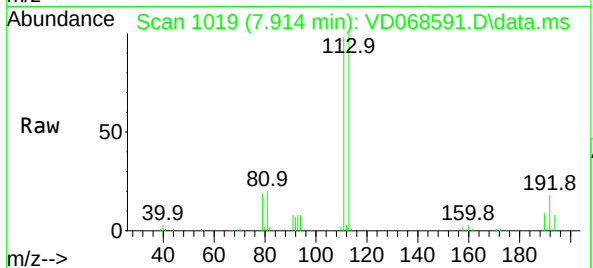
Tgt Ion:113 Resp: 137656

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.7 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.58 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068591.D

Acq: 11 Mar 2021 18:02

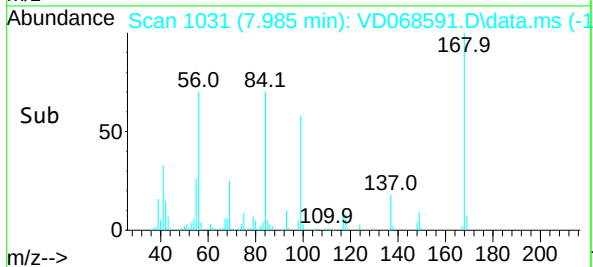
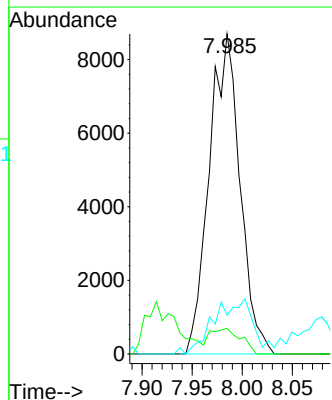
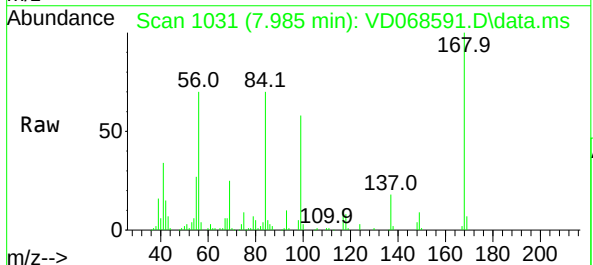
Tgt Ion: 75 Resp: 18551

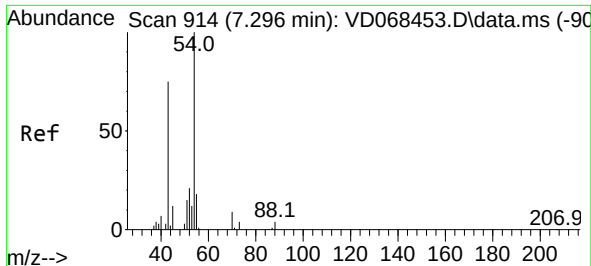
Ion Ratio Lower Upper

75 100

110 7.9 19.4 58.2#

77 22.2 25.3 37.9#





#37

Ethyl Acetate

Concen: 23.60 ug/l

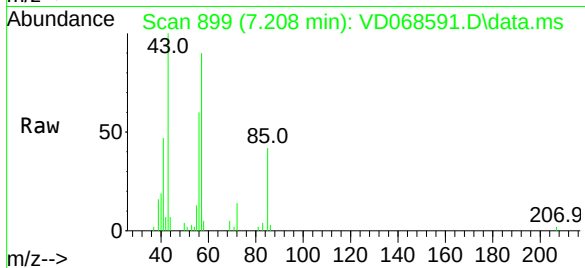
RT: 7.208 min Scan# 899

Delta R.T. -0.088 min

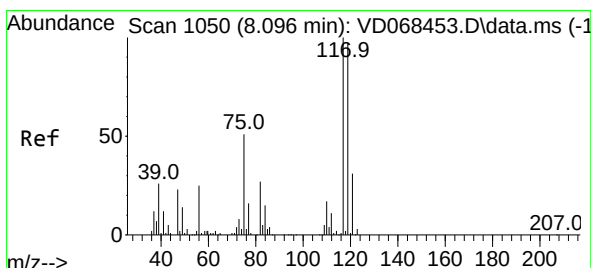
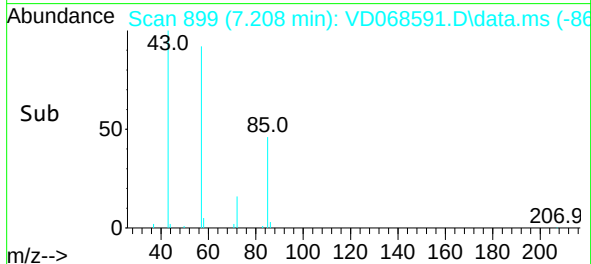
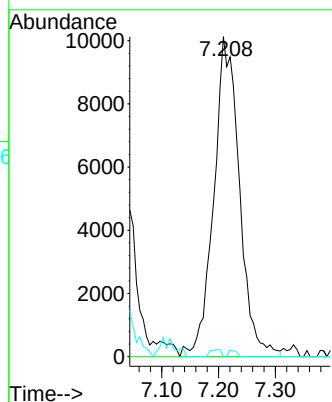
Lab File: VD068591.D

Acq: 11 Mar 2021 18:02

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion:	43	Resp:	31727
Ion Ratio	Lower	Upper	
43	100		
61	0.0	12.9	19.3#
70	0.9	11.0	16.6#



#38

Carbon Tetrachloride

Concen: 5.89 ug/l

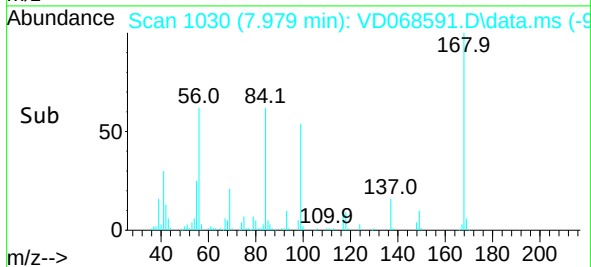
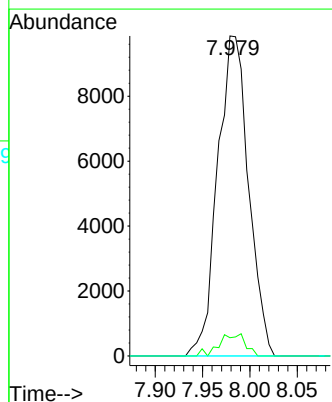
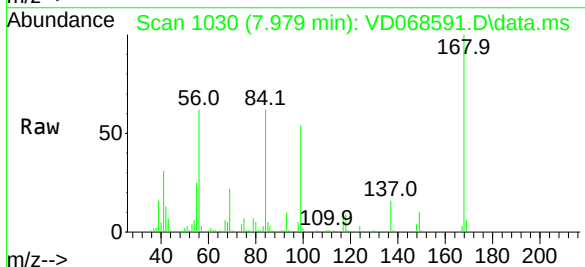
RT: 7.979 min Scan# 1030

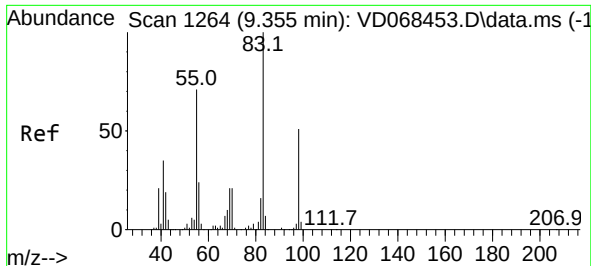
Delta R.T. -0.117 min

Lab File: VD068591.D

Acq: 11 Mar 2021 18:02

Tgt Ion:	117	Resp:	22410
Ion Ratio	Lower	Upper	
117	100		
119	5.7	77.3	115.9#
121	0.0	24.7	37.1#





#39

Methylcyclohexane

Concen: 434.65 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

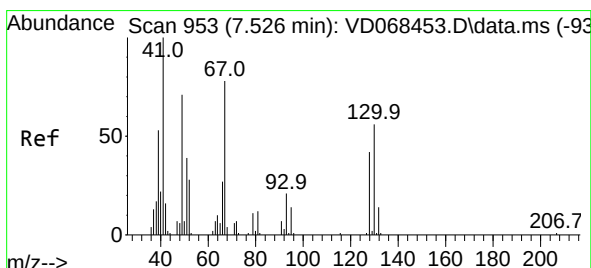
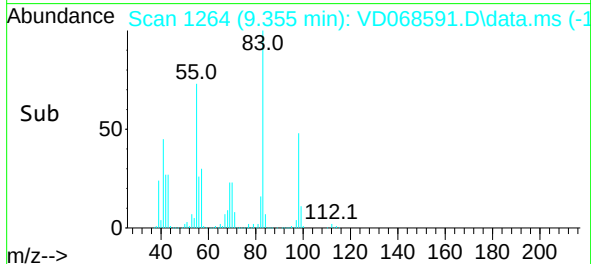
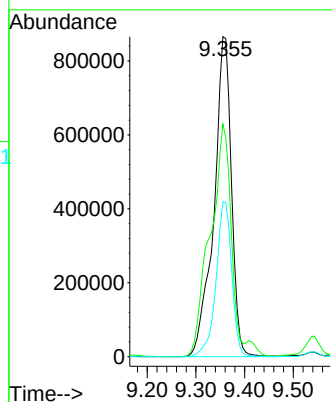
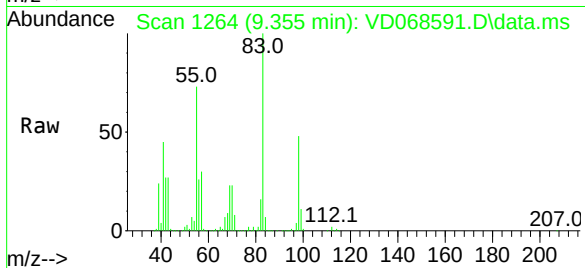
Lab File: VD068591.D

Acq: 11 Mar 2021 18:02

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 2171643

Ion	Ratio	Lower	Upper
83	100		
55	72.7	55.2	82.8
98	48.4	39.1	58.7



#41

Methacrylonitrile

Concen: 5.25 ug/l

RT: 7.561 min Scan# 959

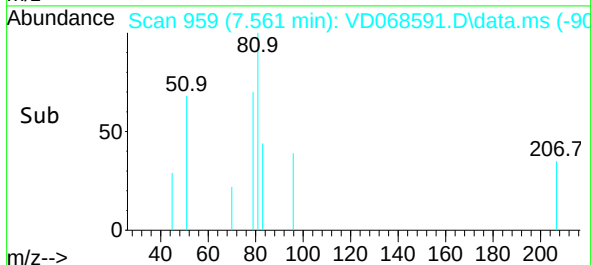
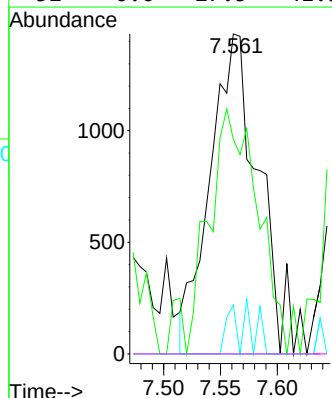
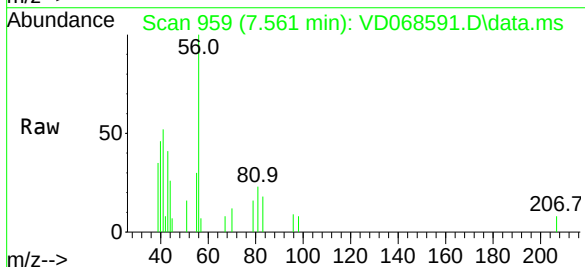
Delta R.T. 0.036 min

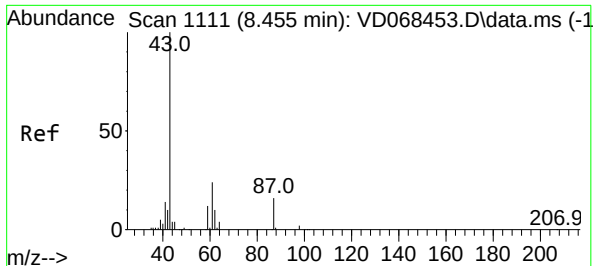
Lab File: VD068591.D

Acq: 11 Mar 2021 18:02

Tgt Ion: 41 Resp: 4093

Ion	Ratio	Lower	Upper
41	100		
39	79.6	45.2	67.8#
67	0.0	67.4	101.2#
52	0.0	27.5	41.3#

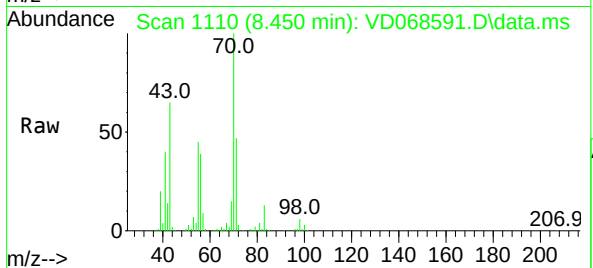




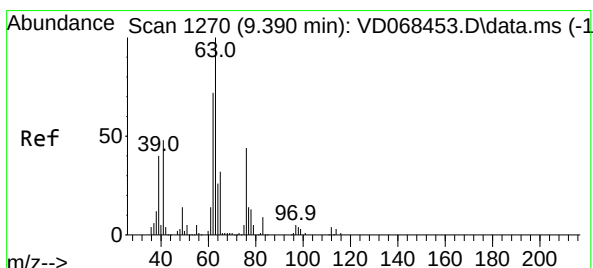
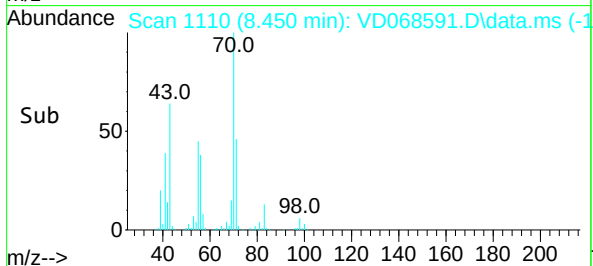
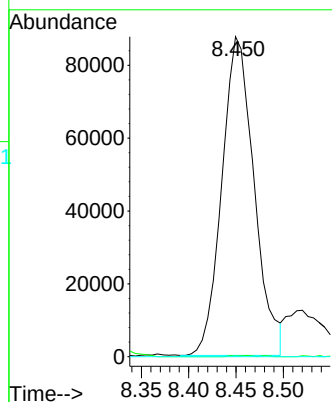
#43

Isopropyl Acetate
 Concen: 84.02 ug/l
 RT: 8.450 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: VD068591.D
 Acq: 11 Mar 2021 18:02

Instrument :
 MSVOA_D
 ClientSampled :



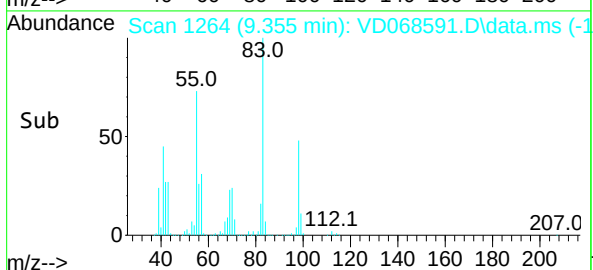
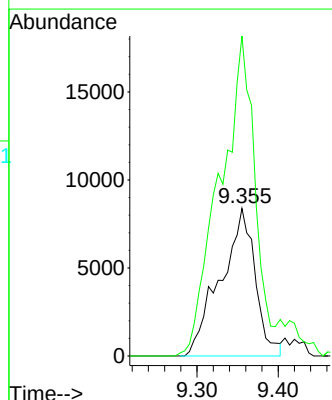
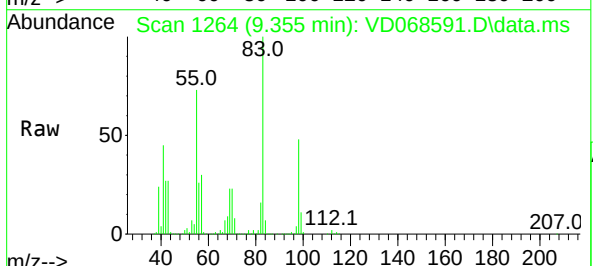
Tgt Ion:	43	Resp:	207555
Ion Ratio	100	Lower	Upper
61	0.2	28.7	43.1#
87	0.0	13.9	20.9#

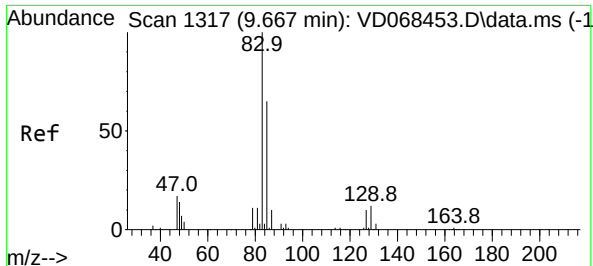


#45

1,2-Dichloropropane
 Concen: 8.95 ug/l
 RT: 9.355 min Scan# 1264
 Delta R.T. -0.035 min
 Lab File: VD068591.D
 Acq: 11 Mar 2021 18:02

Tgt Ion:	63	Resp:	24873
Ion Ratio	100	Lower	Upper
65	215.0	26.6	40.0#

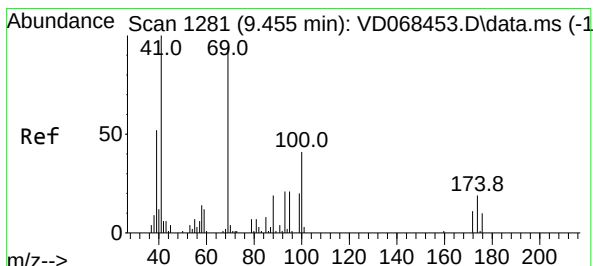
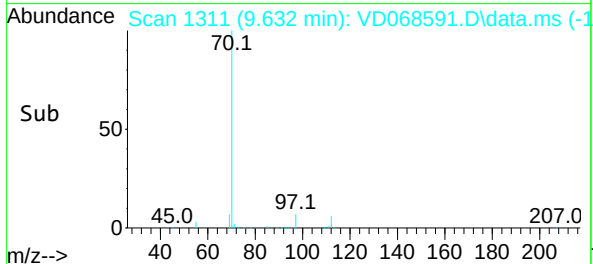
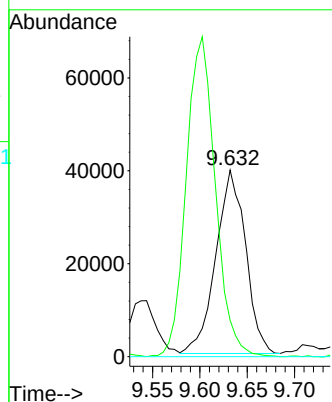
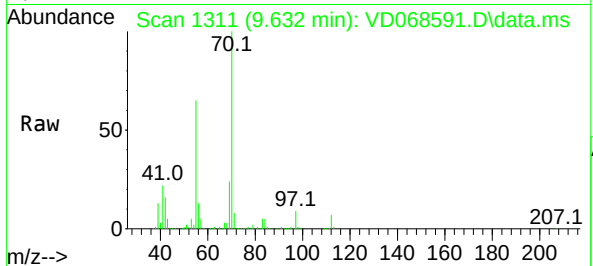




#47
Bromodichloromethane
Concen: 22.05 ug/l
RT: 9.632 min Scan# 1311
Delta R.T. -0.035 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

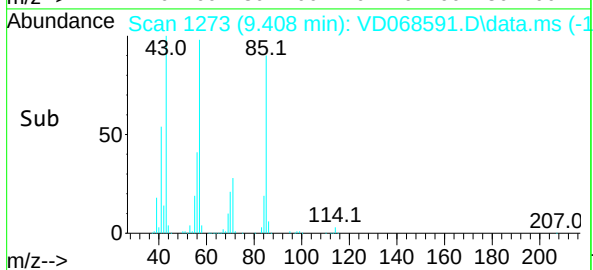
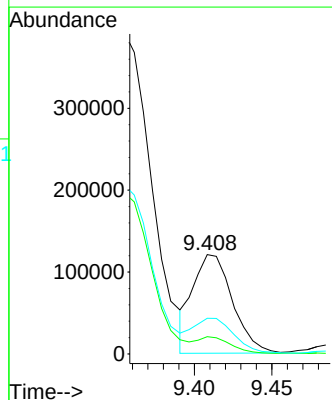
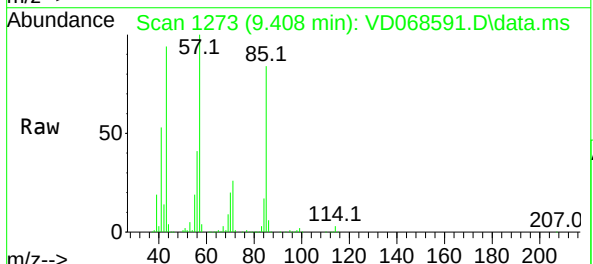
Instrument :
MSVOA_D
ClientSampled :

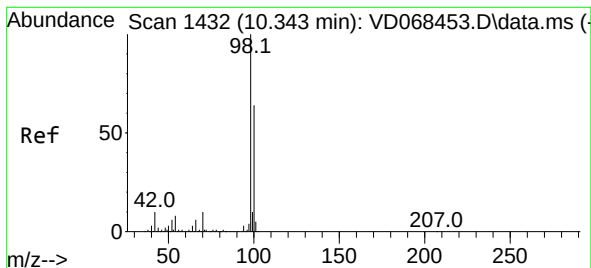
Tgt Ion: 83 Resp: 86211
Ion Ratio Lower Upper
83 100
85 19.8 51.6 77.4#
127 0.0 7.4 11.0#



#48
Methyl methacrylate
Concen: 163.08 ug/l
RT: 9.408 min Scan# 1273
Delta R.T. -0.047 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion: 41 Resp: 214743
Ion Ratio Lower Upper
41 100
69 14.0 77.1 115.7#
39 37.7 41.5 62.3#

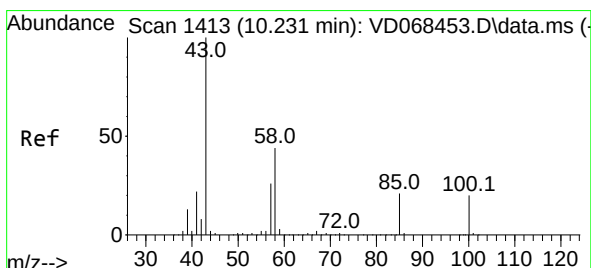
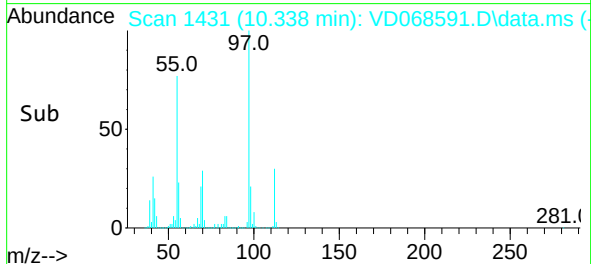
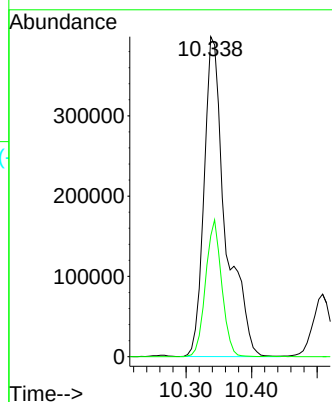
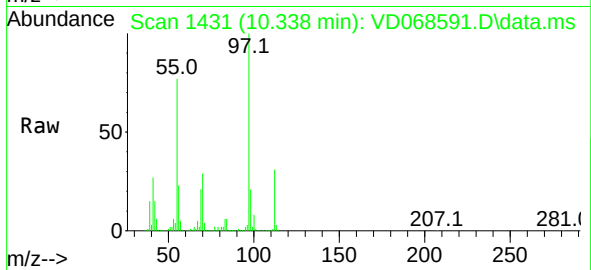




#50
Toluene-d8
Concen: 88.67 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

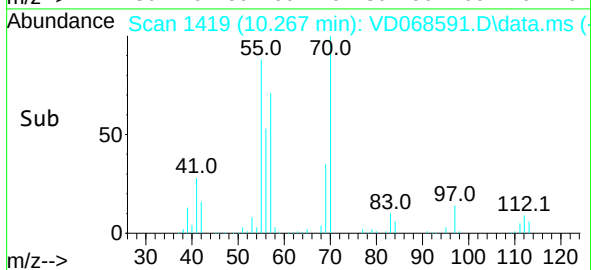
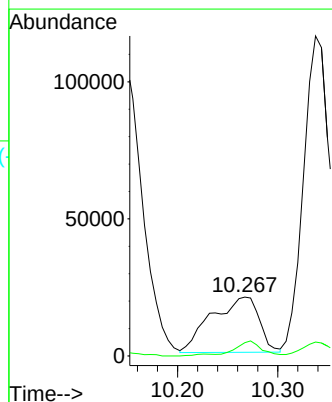
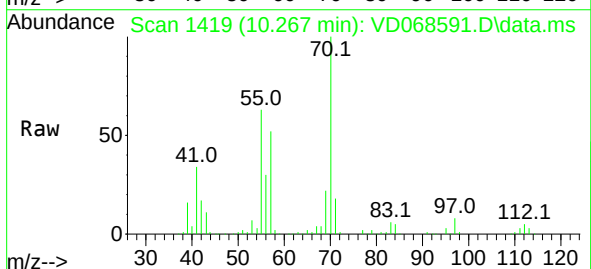
Instrument :
MSVOA_D
ClientSampled :

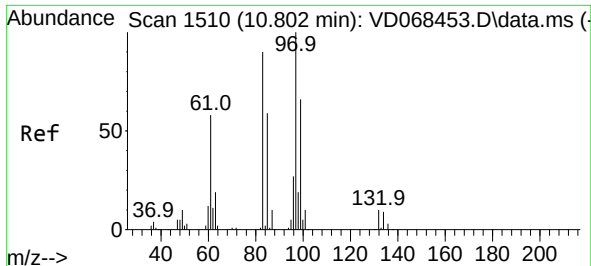
Tgt Ion: 98 Resp: 906783
Ion Ratio Lower Upper
98 100
100 32.2 53.0 79.4#



#51
4-Methyl-2-Pentanone
Concen: 51.73 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.036 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

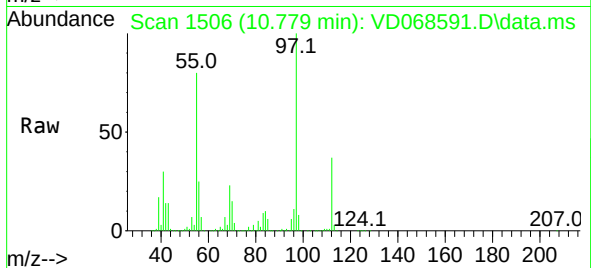
Tgt Ion: 43 Resp: 66869
Ion Ratio Lower Upper
43 100
58 12.6 36.1 54.1#



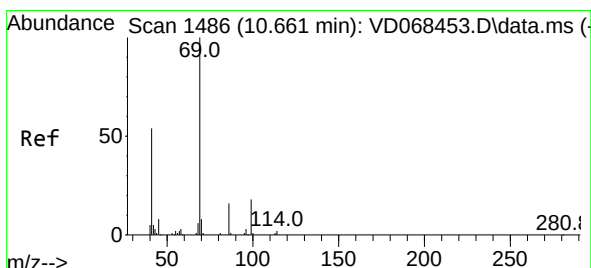
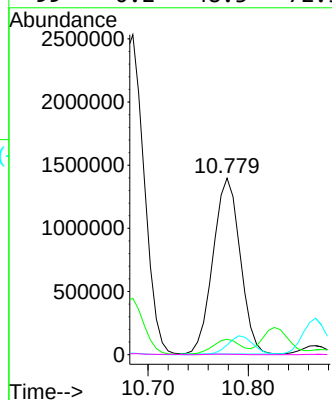
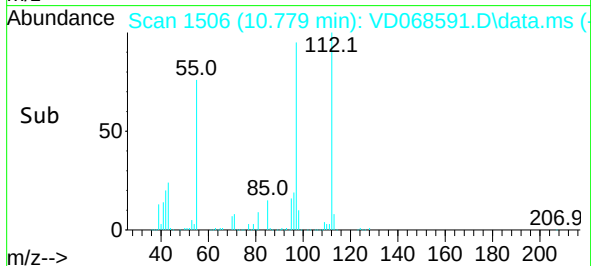


#55
1,1,2-Trichloroethane
Concen: 1251.41 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.023 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

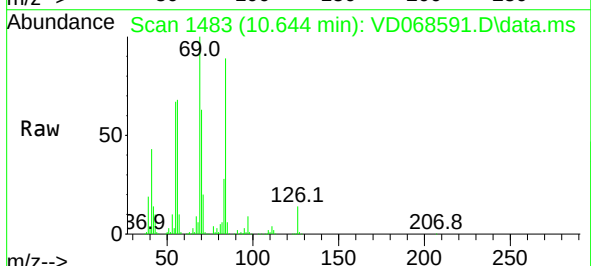
Instrument :
MSVOA_D
ClientSampleId :



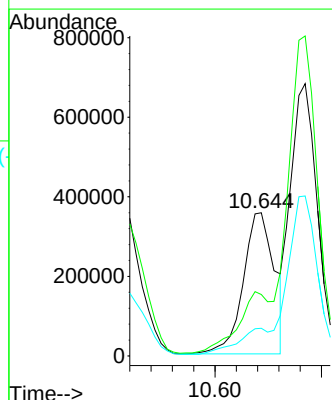
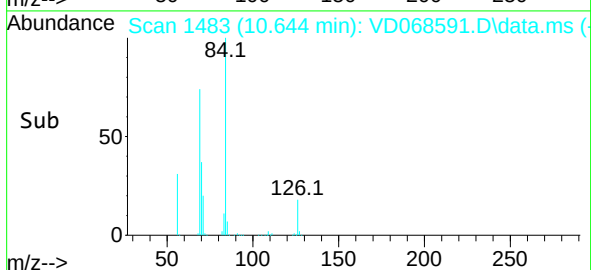
Tgt Ion: 97 Resp: 2617319
Ion Ratio Lower Upper
97 100
83 8.6 61.8 92.6#
85 5.6 42.2 63.2#
99 0.2 48.3 72.5#

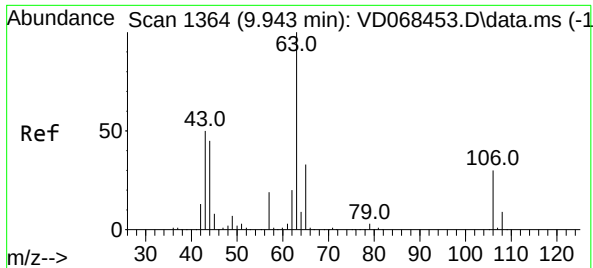


#56
Ethyl methacrylate
Concen: 300.63 ug/l
RT: 10.644 min Scan# 1483
Delta R.T. -0.017 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02



Tgt Ion: 69 Resp: 722750
Ion Ratio Lower Upper
69 100
41 41.3 44.9 67.3#
39 0.0 21.9 32.9#

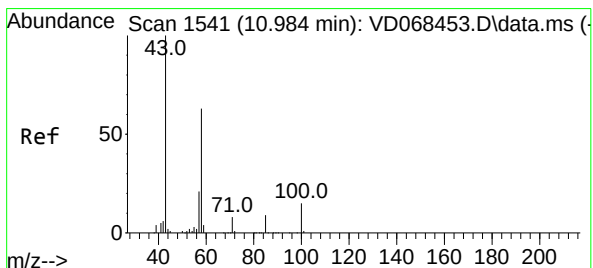
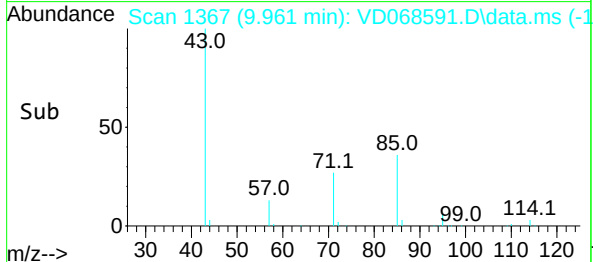
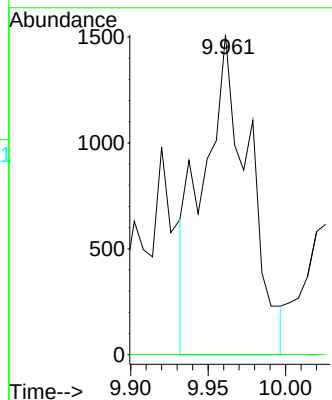
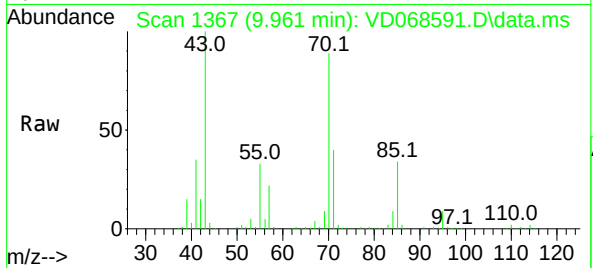




#58
2-Chloroethyl Vinyl ether
Concen: 2.59 ug/l
RT: 9.961 min Scan# 1367
Delta R.T. 0.018 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

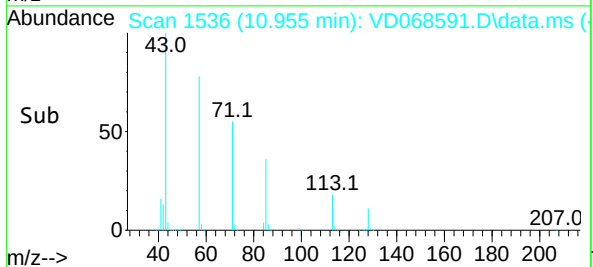
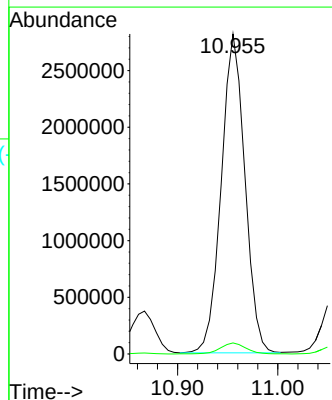
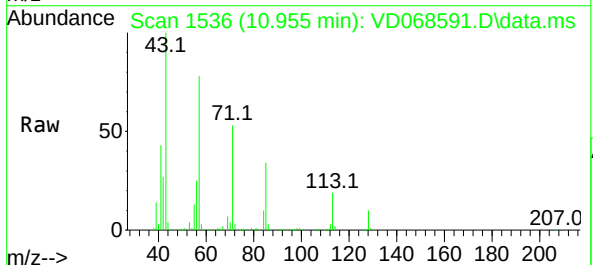
Instrument :
MSVOA_D
ClientSampled :

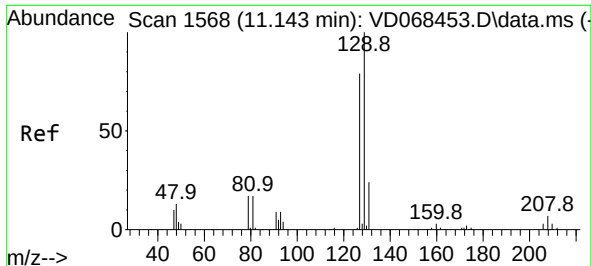
Tgt Ion: 63 Resp: 3121
Ion Ratio Lower Upper
63 100
106 0.0 27.0 40.4#



#59
2-Hexanone
Concen: 5337.68 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.029 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion: 43 Resp: 4599302
Ion Ratio Lower Upper
43 100
58 3.7 31.0 93.0#

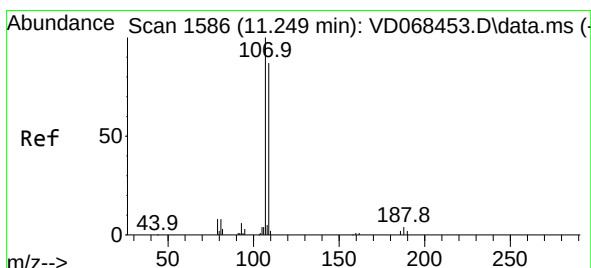
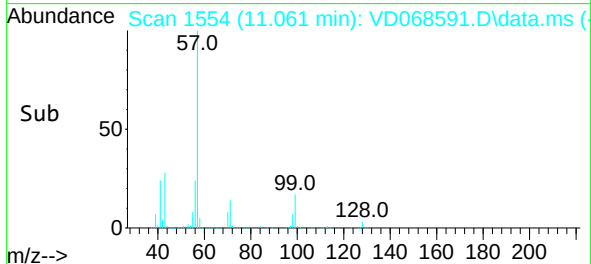
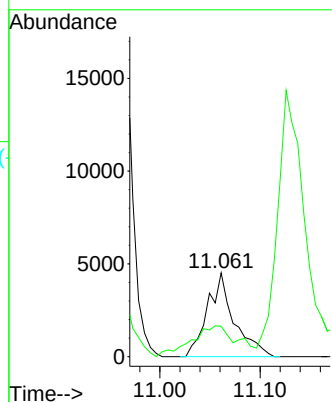
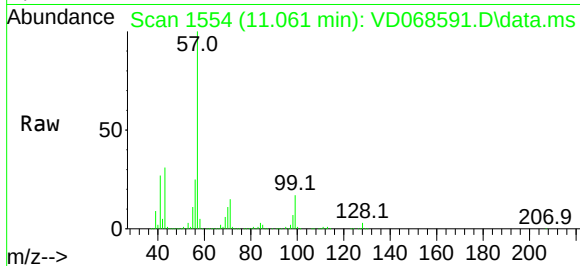




#60
Dibromochloromethane
Concen: 3.23 ug/l
RT: 11.061 min Scan# 1554
Delta R.T. -0.082 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

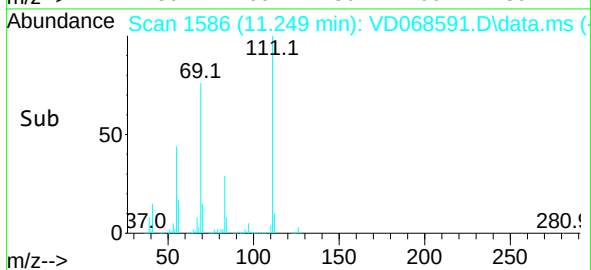
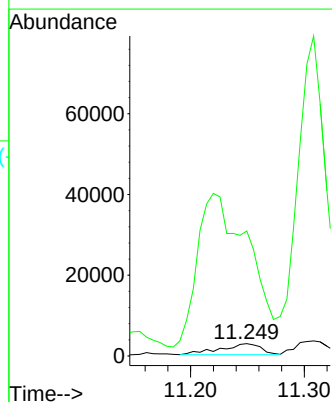
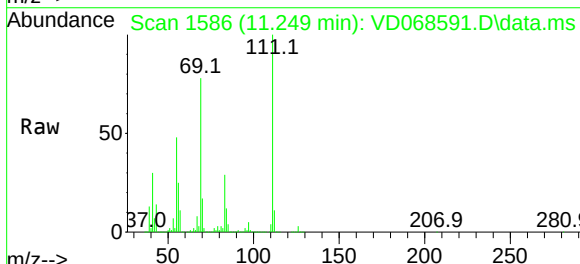
Instrument :
MSVOA_D
ClientSampled :

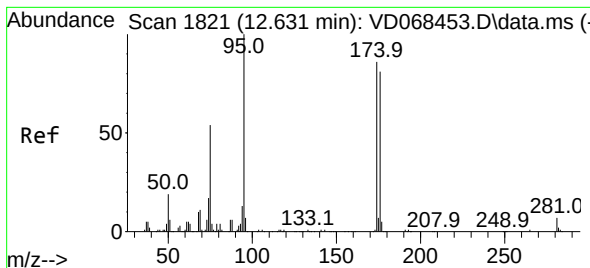
Tgt Ion:129 Resp: 8374
Ion Ratio Lower Upper
129 100
127 63.6 38.6 116.0



#61
1,2-Dibromoethane
Concen: 3.28 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion:107 Resp: 6713
Ion Ratio Lower Upper
107 100
109 0.0 74.8 112.2#

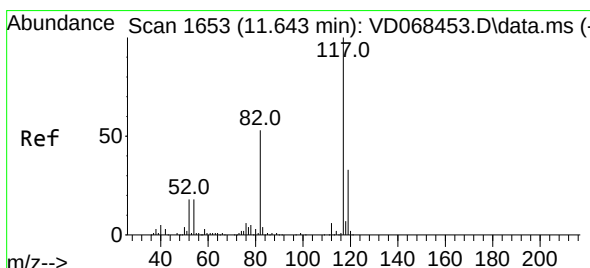
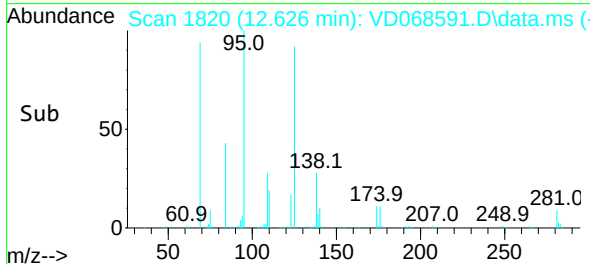
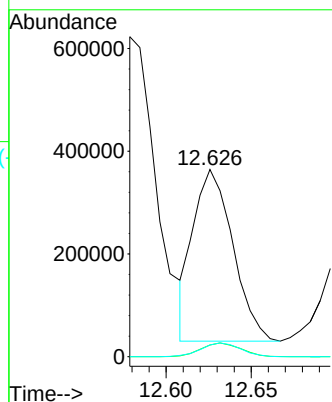
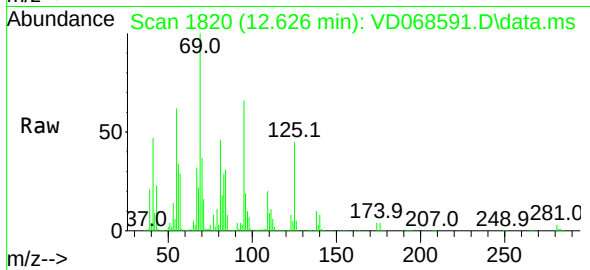




#62
4-Bromofluorobenzene
Concen: 164.10 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

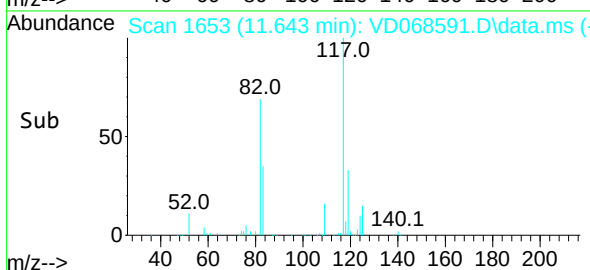
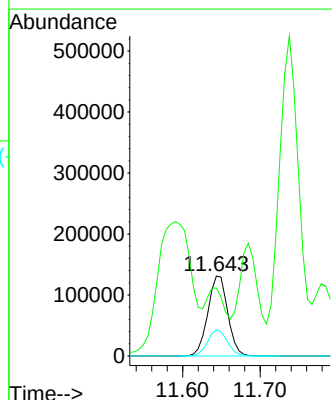
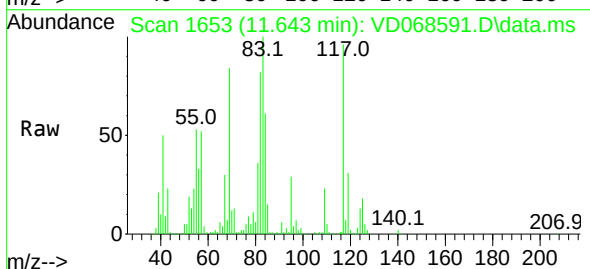
Instrument :
MSVOA_D
ClientSampleId :

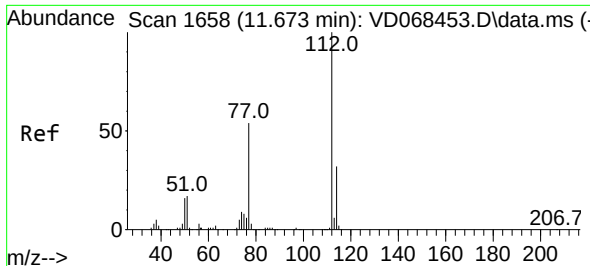
Tgt Ion: 95 Resp: 540821
Ion Ratio Lower Upper
95 100
174 8.0 0.0 172.4
176 8.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion: 117 Resp: 233182
Ion Ratio Lower Upper
117 100
82 0.0 41.4 62.0#
119 32.7 26.1 39.1

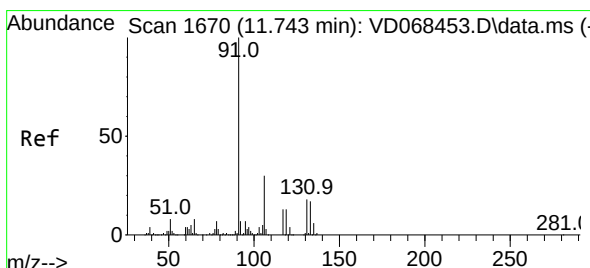
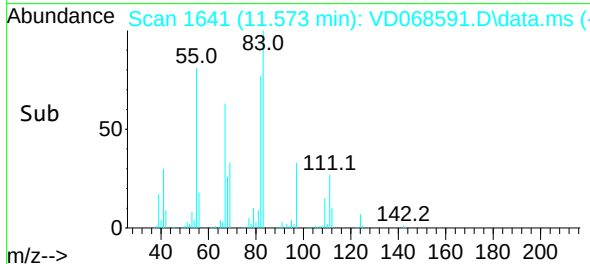
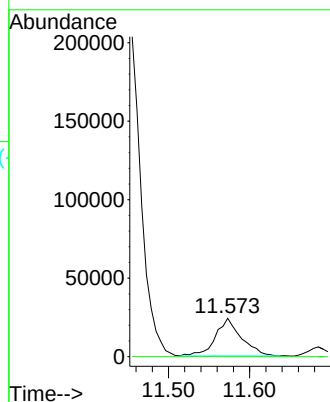
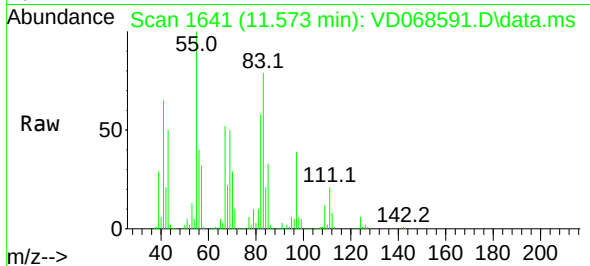




#65
Chlorobenzene
Concen: 11.17 ug/l
RT: 11.573 min Scan# 1641
Delta R.T. -0.100 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

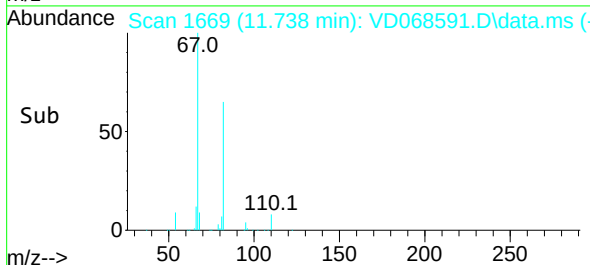
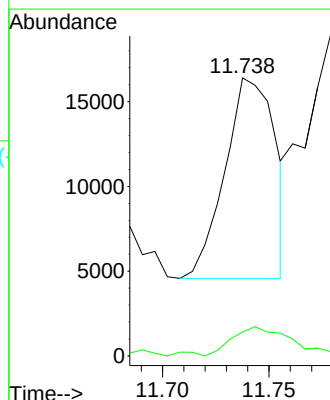
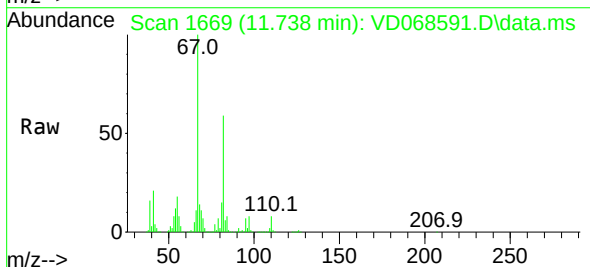
Instrument :
MSVOA_D
ClientSampled :

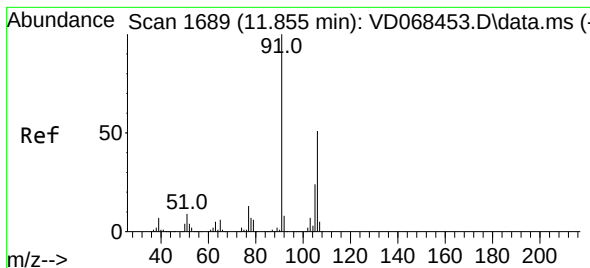
Tgt Ion:112 Resp: 53056
Ion Ratio Lower Upper
112 100
114 0.0 25.7 38.5#



#67
Ethyl Benzene
Concen: 2.29 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion: 91 Resp: 19441
Ion Ratio Lower Upper
91 100
106 10.1 25.9 38.9#

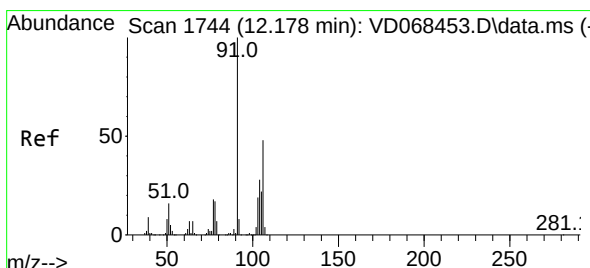
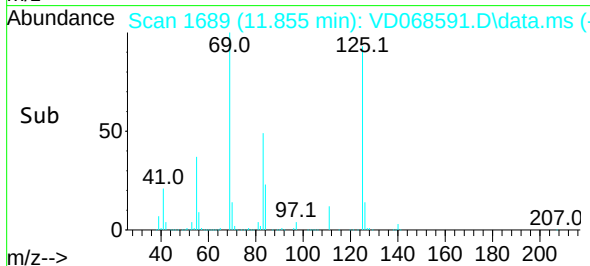
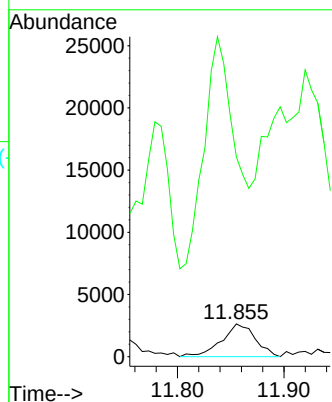
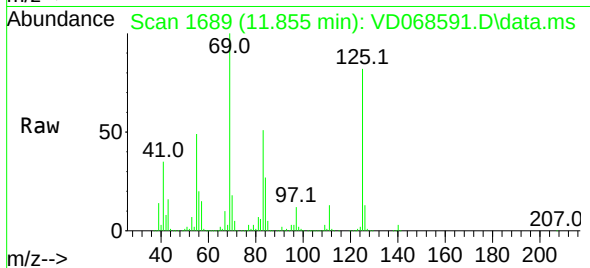




#68
m/p-Xylenes
Concen: 1.80 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

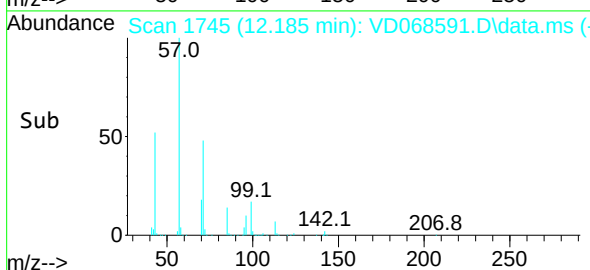
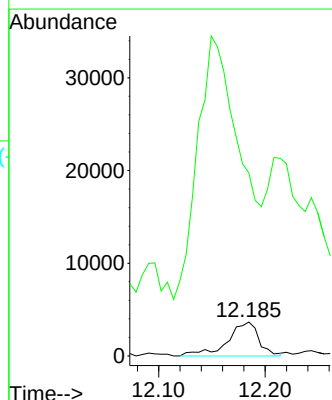
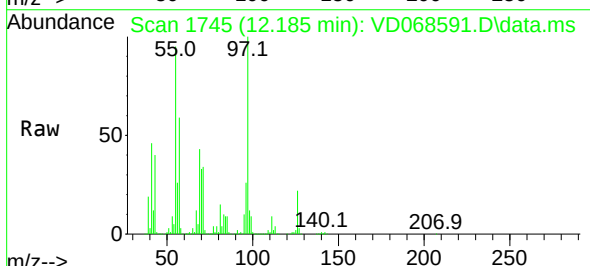
Instrument :
MSVOA_D
ClientSampleId :

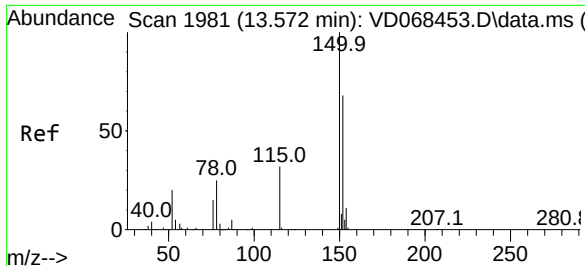
Tgt Ion:106 Resp: 5784
Ion Ratio Lower Upper
106 100
91 651.9 159.1 238.7#



#69
o-Xylene
Concen: 2.51 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion:106 Resp: 7432
Ion Ratio Lower Upper
106 100
91 0.0 108.7 325.9#

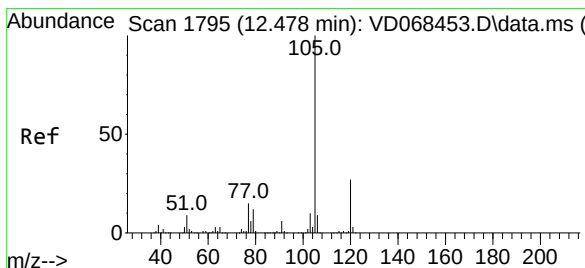
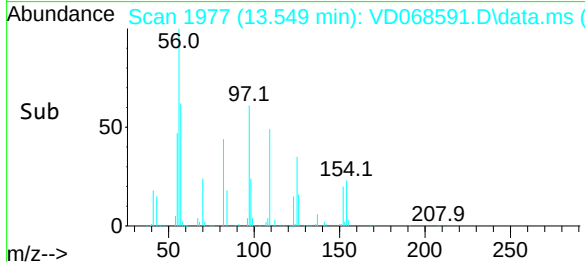
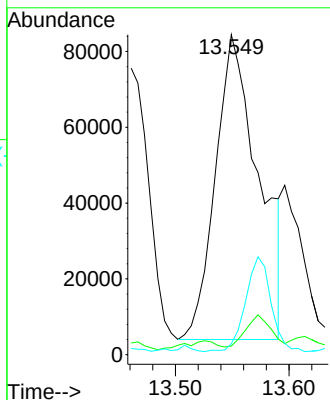
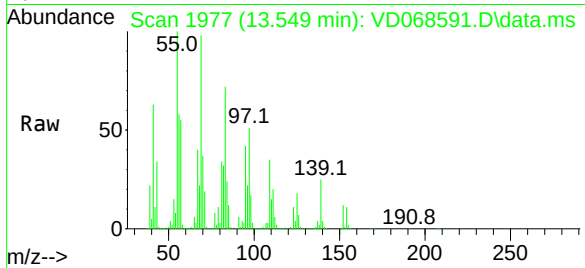




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.549 min Scan# 1977
Delta R.T. -0.023 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

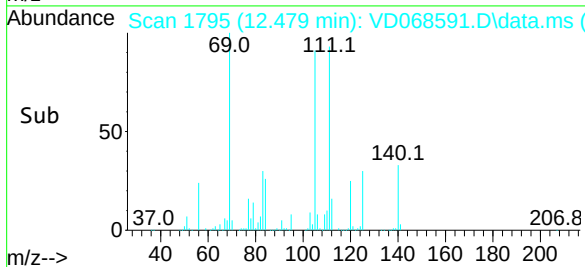
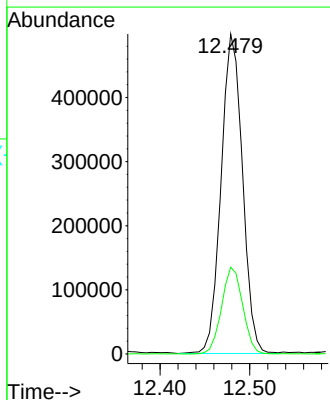
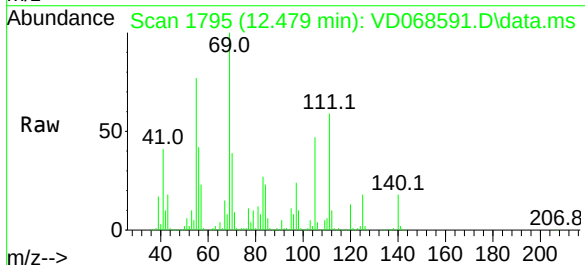
Instrument :
MSVOA_D
ClientSampleId :

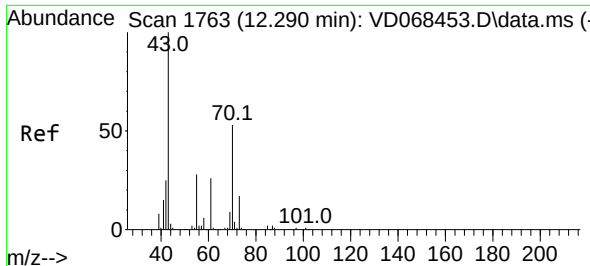
Tgt Ion:152 Resp: 212466
Ion Ratio Lower Upper
152 100
115 0.0 28.9 86.8#
150 0.0 0.0 344.4



#73
Isopropylbenzene
Concen: 52.31 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

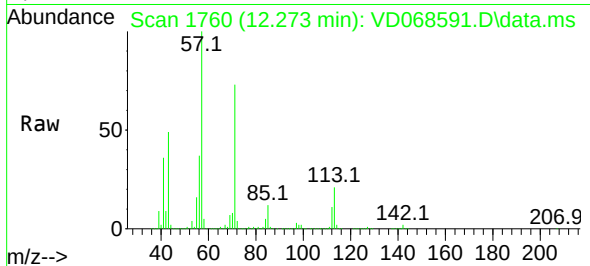
Tgt Ion:105 Resp: 824351
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



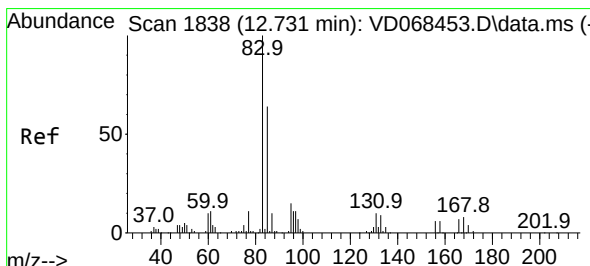
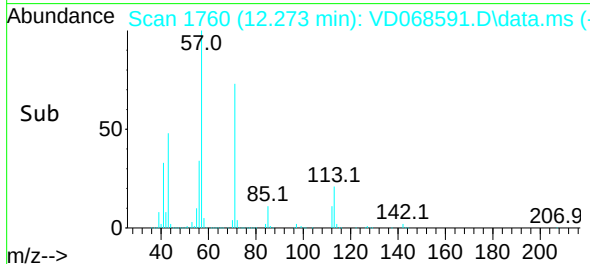
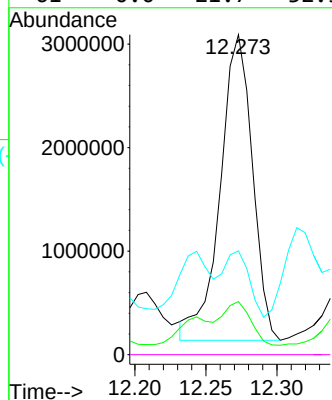


#74
N-amy1 acetate
Concen: 1732.34 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.017 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Instrument :
MSVOA_D
ClientSampled :

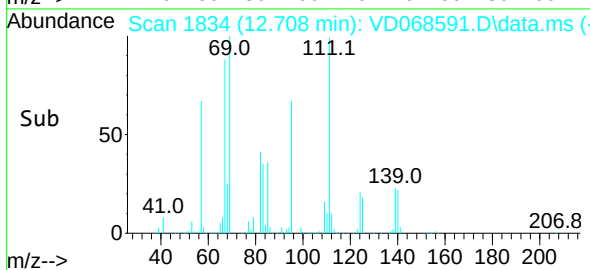
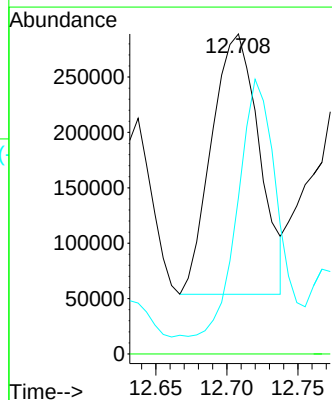
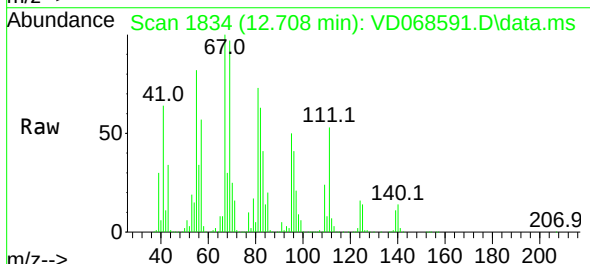


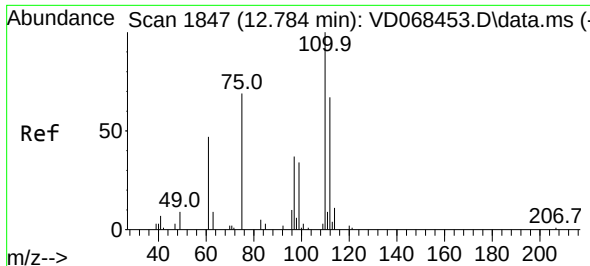
Tgt Ion: 43 Resp: 4650482
Ion Ratio Lower Upper
43 100
70 12.2 41.8 62.8#
55 17.5 24.2 36.4#
61 0.0 21.7 32.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 202.96 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.023 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion: 83 Resp: 550231
Ion Ratio Lower Upper
83 100
131 0.0 5.8 17.4#
85 80.9 32.4 97.2

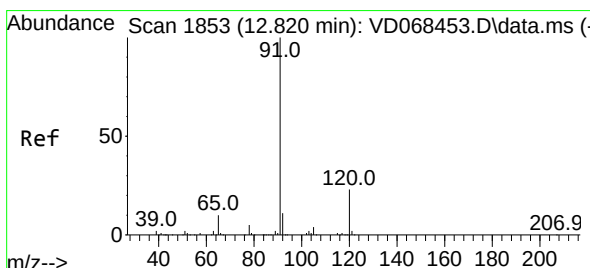
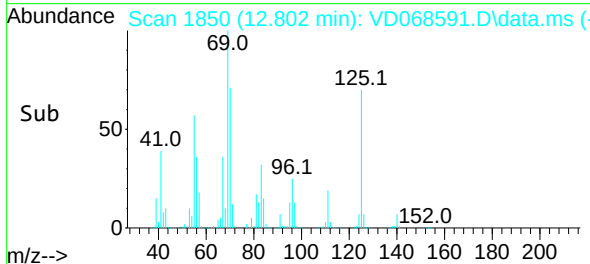
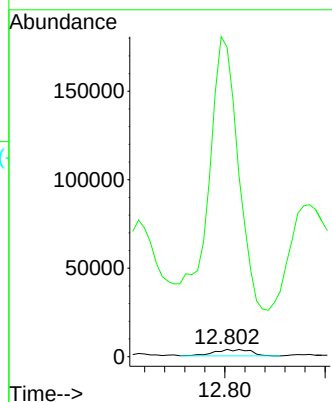
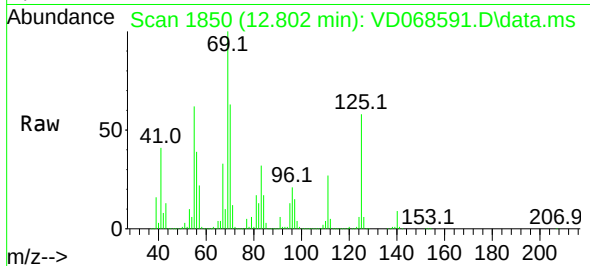




#76
1,2,3-Trichloropropane
Concen: 4.79 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. 0.018 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

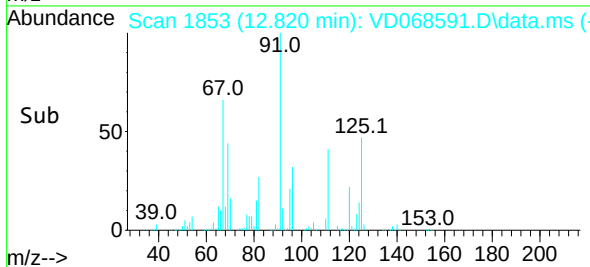
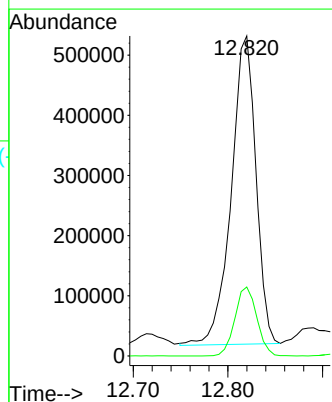
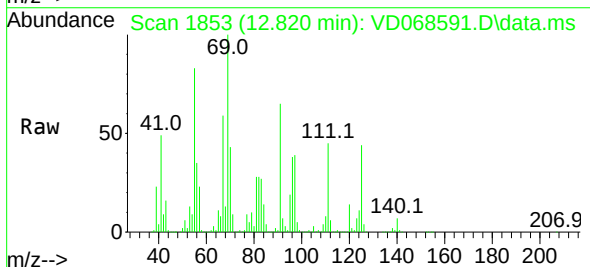
Instrument :
MSVOA_D
ClientSampled :

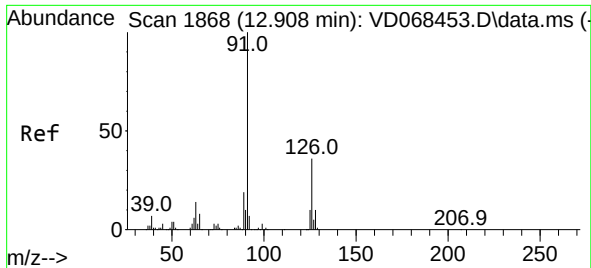
Tgt Ion: 75 Resp: 9033
Ion Ratio Lower Upper
75 100
77 3420.1 0.0 0.0#



#78
n-propylbenzene
Concen: 49.26 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion: 91 Resp: 927514
Ion Ratio Lower Upper
91 100
120 19.9 12.0 36.0

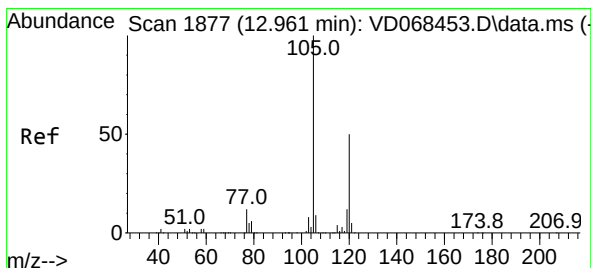
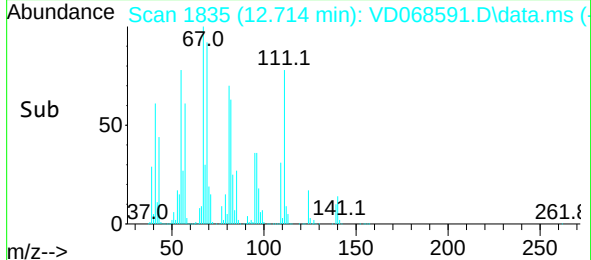
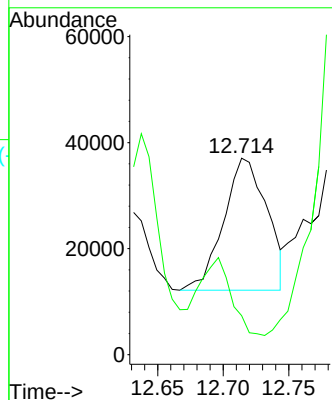
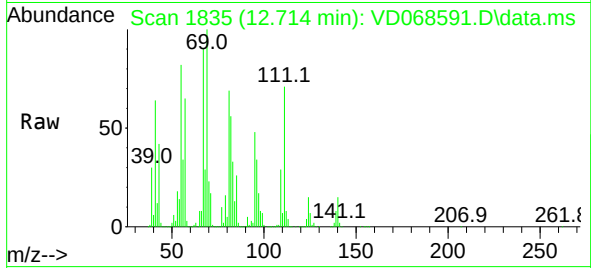




#79
2-Chlorotoluene
Concen: 5.46 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.194 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

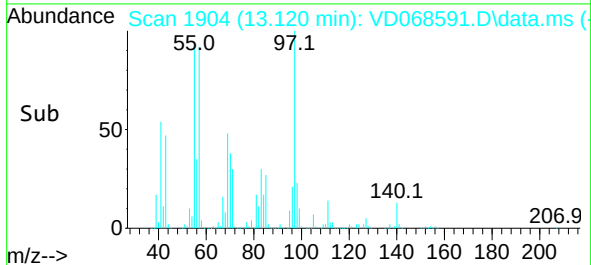
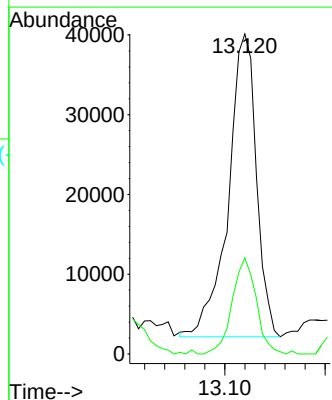
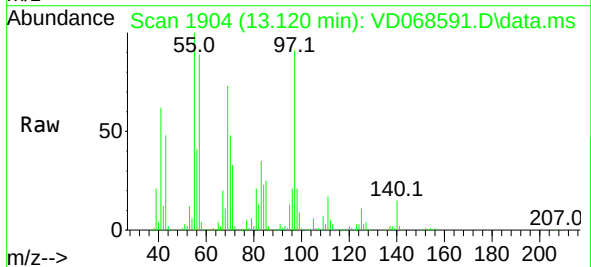
Instrument :
MSVOA_D
ClientSampled :

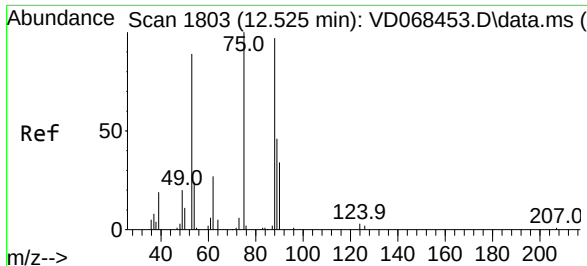
Tgt Ion: 91 Resp: 57103
Ion Ratio Lower Upper
91 100
126 44.9 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 5.72 ug/l
RT: 13.120 min Scan# 1904
Delta R.T. 0.159 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

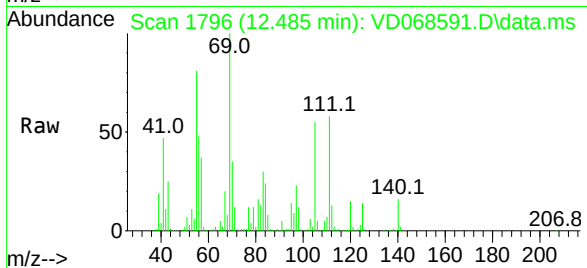
Tgt Ion:105 Resp: 73860
Ion Ratio Lower Upper
105 100
120 27.2 24.2 72.6



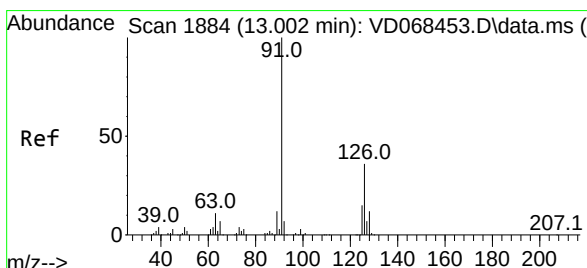
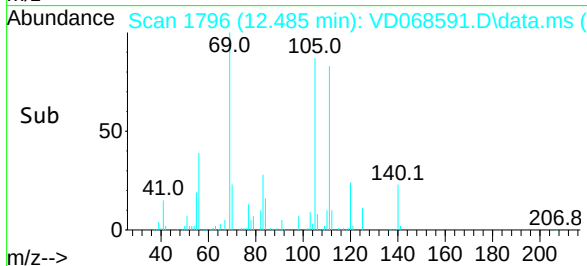
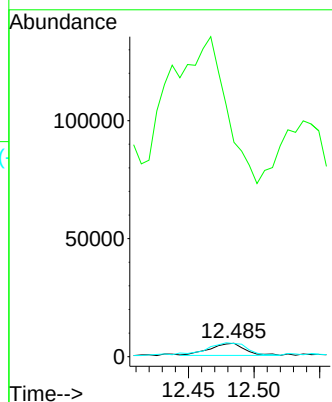


#81
trans-1,4-Dichloro-2-butene
Concen: 11.89 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. -0.041 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Instrument :
MSVOA_D
ClientSampled :

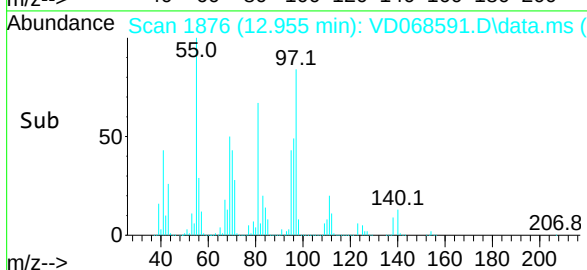
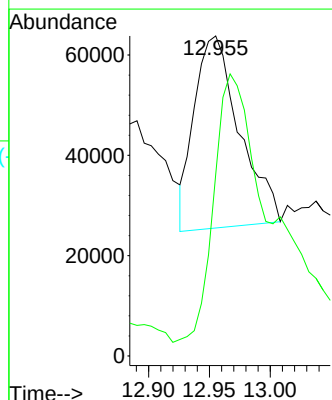
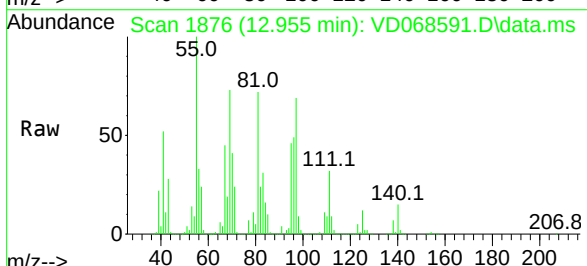


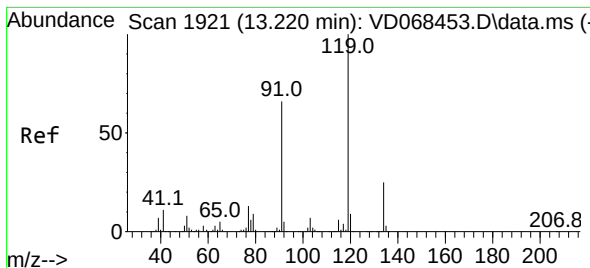
Tgt Ion: 75 Resp: 9609
Ion Ratio Lower Upper
75 100
53 2376.9 70.2 105.2#
89 128.9 40.3 60.5#



#82
4-Chlorotoluene
Concen: 8.99 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.047 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

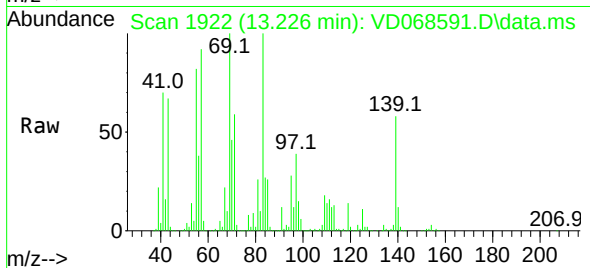
Tgt Ion: 91 Resp: 98857
Ion Ratio Lower Upper
91 100
126 181.0 17.7 53.1#



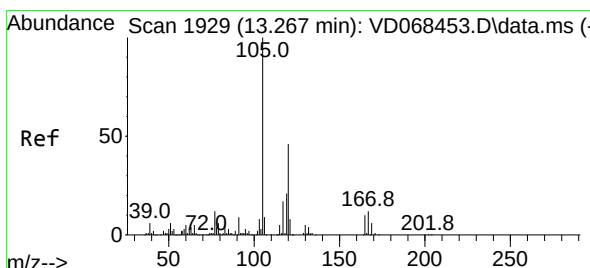
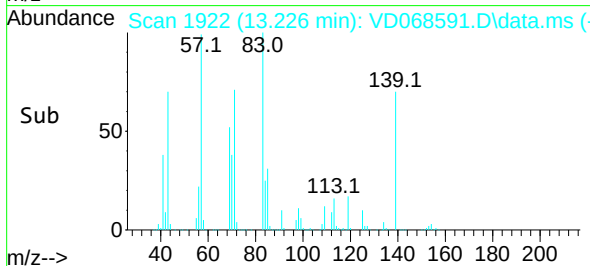
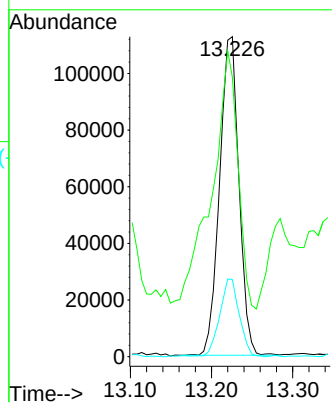


#83
tert-Butylbenzene
Concen: 16.99 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Instrument :
MSVOA_D
ClientSampled :

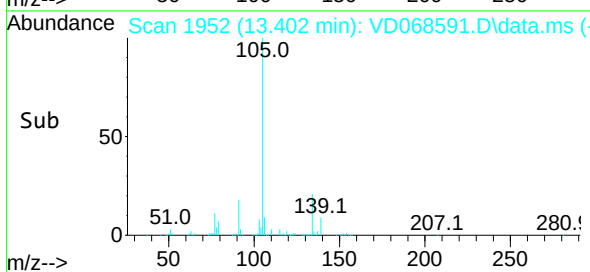
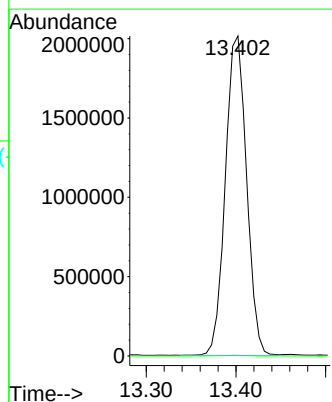
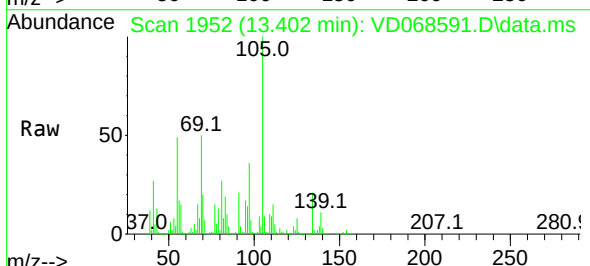


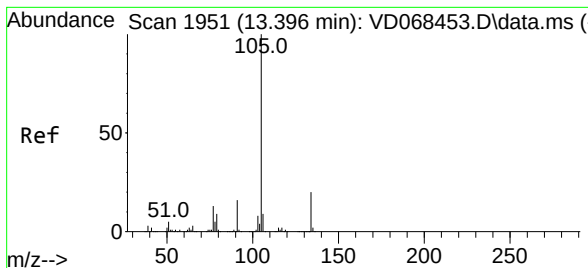
Tgt Ion:119 Resp: 186789
Ion Ratio Lower Upper
119 100
91 110.0 31.1 93.5#
134 24.6 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 255.04 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.136 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion:105 Resp: 3298905
Ion Ratio Lower Upper
105 100
120 0.2 22.4 67.0#

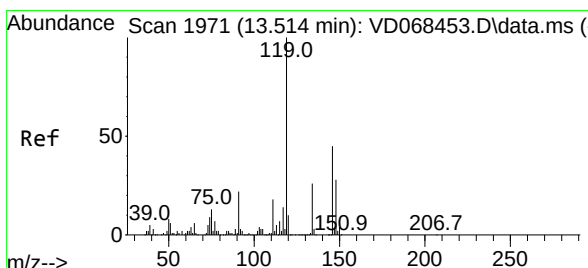
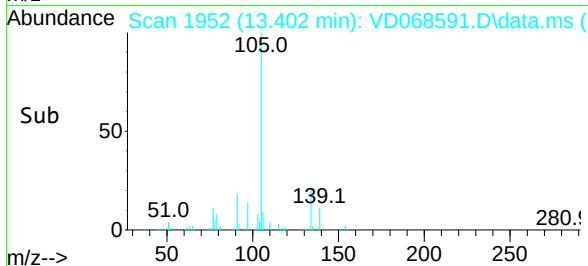
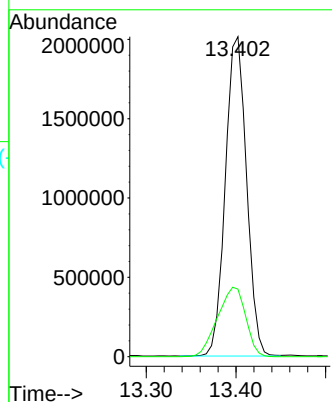
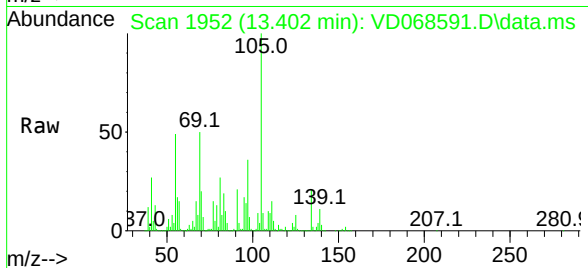




#85
 sec-Butylbenzene
 Concen: 212.37 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.006 min
 Lab File: VD068591.D
 Acq: 11 Mar 2021 18:02

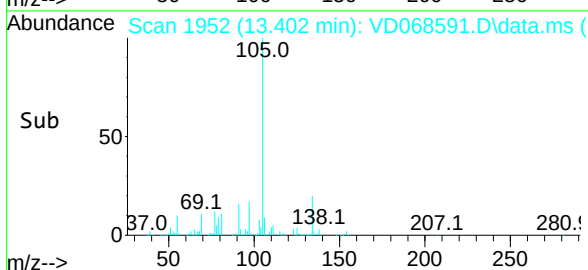
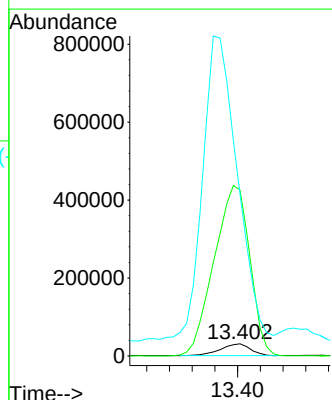
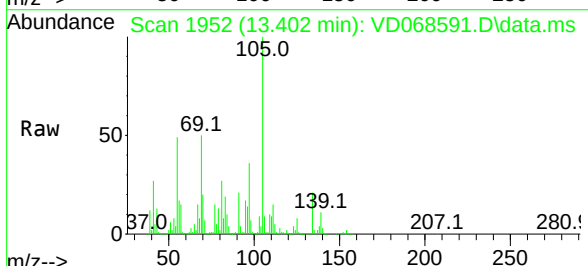
Instrument :
 MSVOA_D
 ClientSampled :

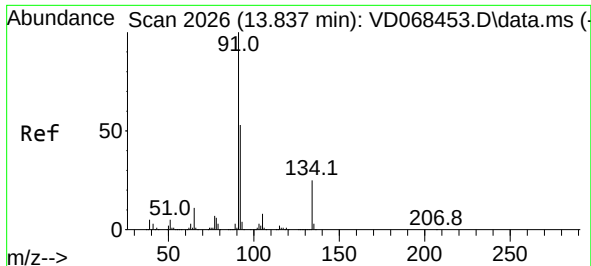
Tgt Ion:105 Resp: 3298905
 Ion Ratio Lower Upper
 105 100
 134 28.9 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 4.00 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. -0.111 min
 Lab File: VD068591.D
 Acq: 11 Mar 2021 18:02

Tgt Ion:119 Resp: 56419
 Ion Ratio Lower Upper
 119 100
 134 1691.2 12.9 38.7#
 91 0.0 11.7 35.0#

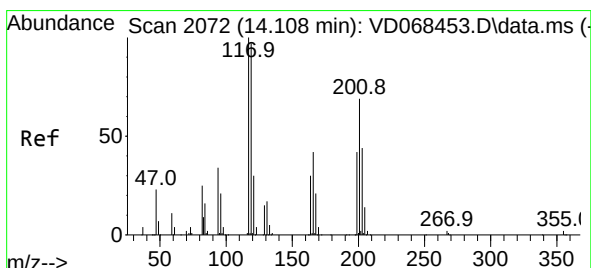
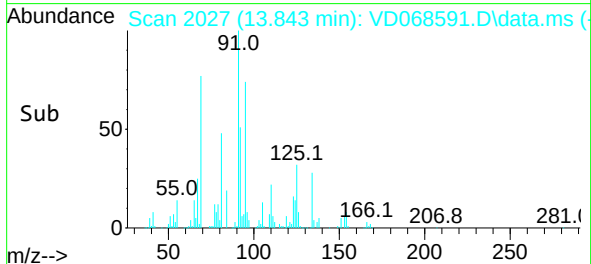
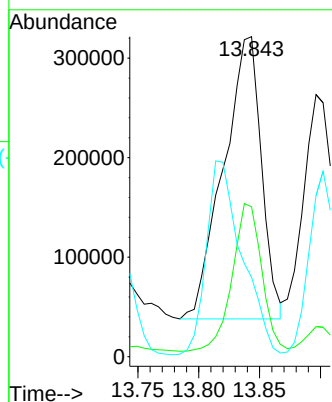
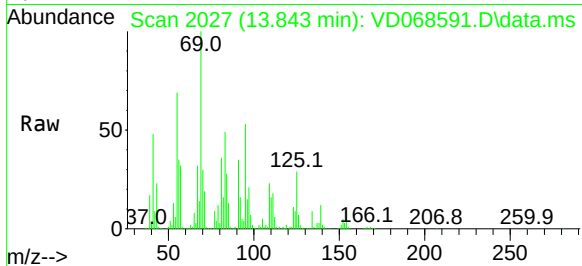




#89
n-Butylbenzene
Concen: 45.19 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

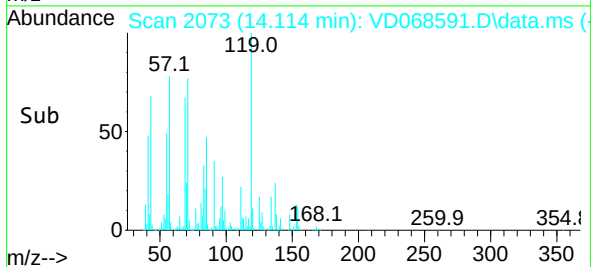
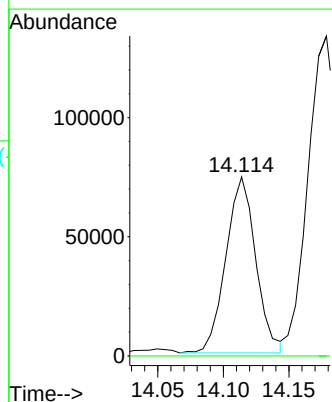
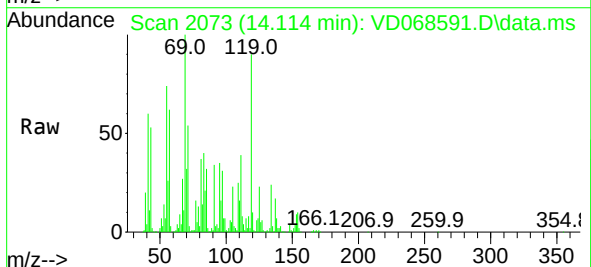
Instrument :
MSVOA_D
ClientSampled :

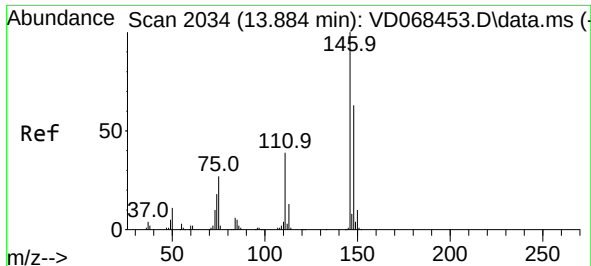
Tgt Ion: 91 Resp: 614618
Ion Ratio Lower Upper
91 100
92 41.7 27.2 81.6
134 0.0 13.9 41.7#



#90
Hexachloroethane
Concen: 41.77 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion: 117 Resp: 117047
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

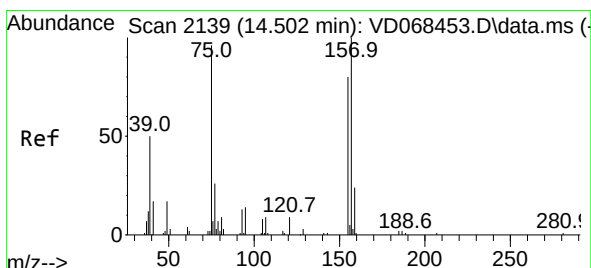
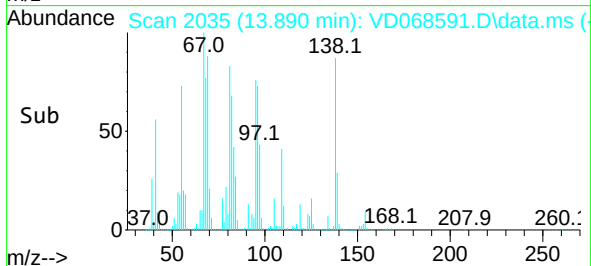
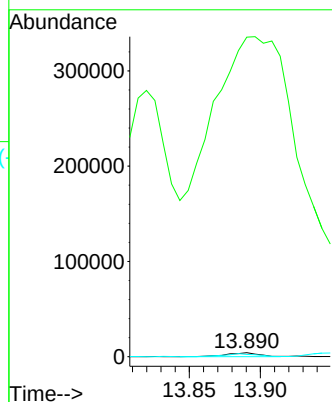
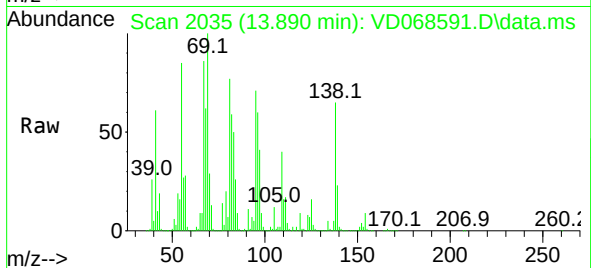




#91
1,2-Dichlorobenzene
Concen: 1.11 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

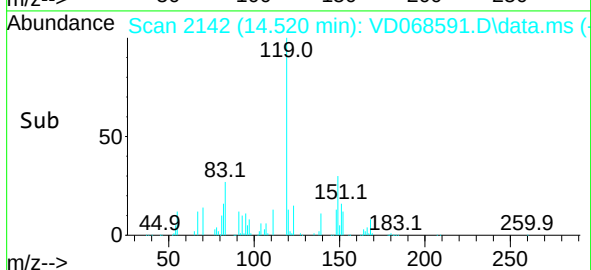
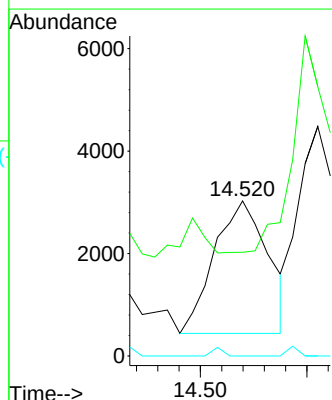
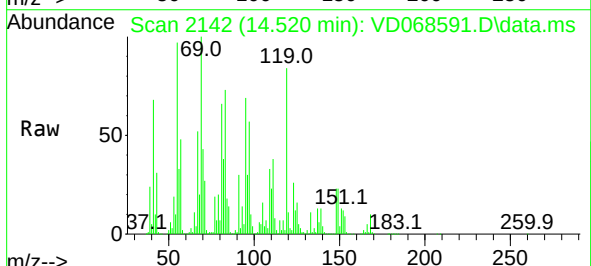
Instrument :
MSVOA_D
ClientSampleId :

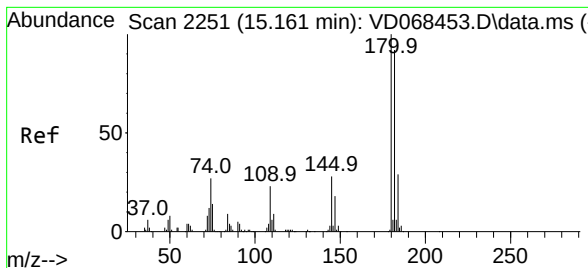
Tgt Ion:146 Resp: 6606
Ion Ratio Lower Upper
146 100
111 13993.4 20.3 60.9#
148 78.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.46 ug/l
RT: 14.520 min Scan# 2142
Delta R.T. 0.018 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion: 75 Resp: 4519
Ion Ratio Lower Upper
75 100
155 0.0 48.0 144.2#
157 0.0 65.0 194.8#

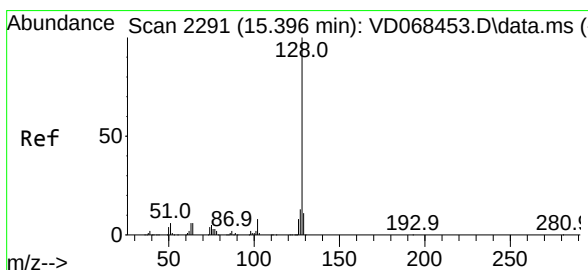
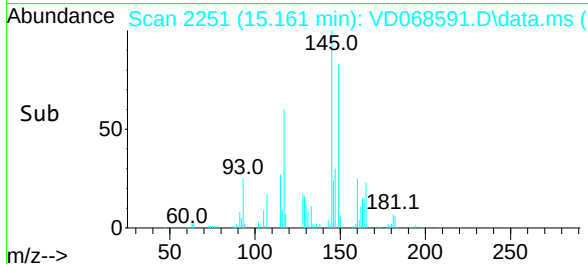
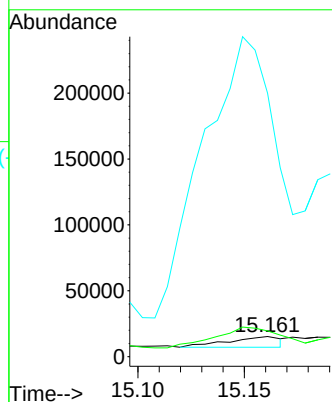
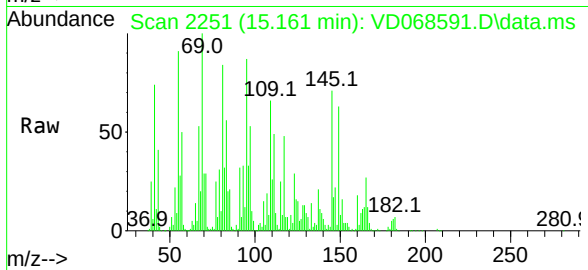




#93
1,2,4-Trichlorobenzene
Concen: 3.07 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

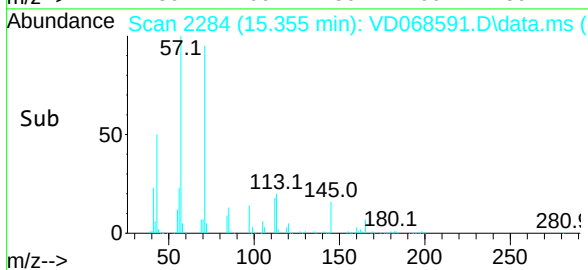
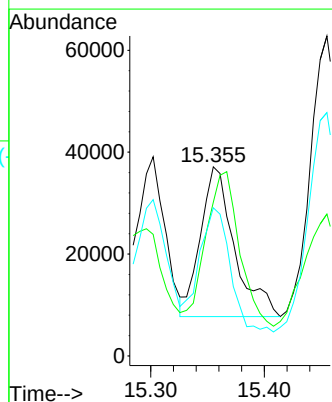
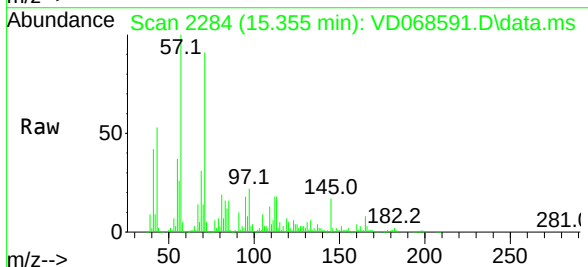
Instrument :
MSVOA_D
ClientSampled :

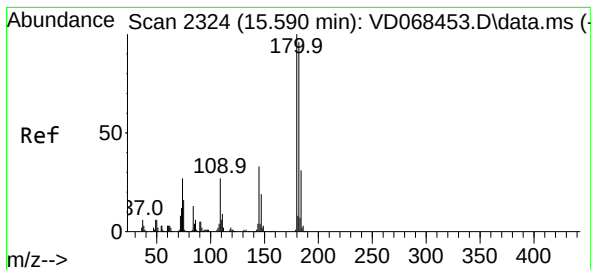
Tgt Ion:180 Resp: 14105
Ion Ratio Lower Upper
180 100
182 243.1 46.8 140.4#
145 3626.9 15.2 45.5#



#95
Naphthalene
Concen: 7.31 ug/l
RT: 15.355 min Scan# 2284
Delta R.T. -0.041 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

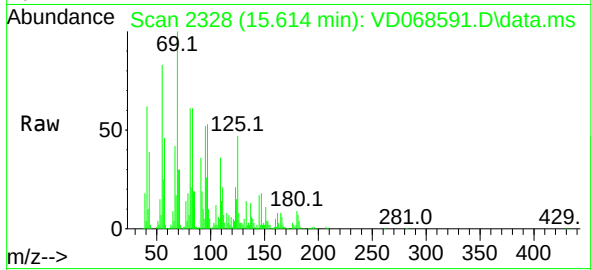
Tgt Ion:128 Resp: 60924
Ion Ratio Lower Upper
128 100
127 102.7 10.2 15.2#
129 76.4 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 6.68 ug/l
 RT: 15.614 min Scan# 2328
 Delta R.T. 0.024 min
 Lab File: VD068591.D
 Acq: 11 Mar 2021 18:02

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 26624
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.3 144.8#
 145 0.0 16.7 50.1#

