

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070381.D
 Acq On : 20 Sep 2021 13:51
 Operator : VA/SY
 Sample : M3792-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20416

Quant Time: Sep 21 03:33:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	120243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	268300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	254639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	32801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	118158	76.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.060%
35) Dibromofluoromethane	7.909	113	112764	59.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.100%
50) Toluene-d8	10.338	98	320897	46.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.560%
62) 4-Bromofluorobenzene	12.620	95	86416	35.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	280	Below Cal	#	43
3) Chloromethane	2.209	50	1122	Below Cal	#	79
5) Bromomethane	2.779	94	1538	Below Cal	#	66
6) Chloroethane	2.915	64	180	Below Cal	#	43
10) Methyl Iodide	4.303	142	812	1.563	ug/l #	48
11) Tert butyl alcohol	5.191	59	3223	18.462	ug/l #	100
13) Acrolein	3.891	56	81	1.055	ug/l #	1
16) Acetone	4.162	43	60377	219.036	ug/l	96
17) Carbon Disulfide	4.415	76	13258	2.567	ug/l	97
18) Methyl Acetate	4.715	43	214	Below Cal	#	48
20) Methylene Chloride	4.962	84	11530	Below Cal	#	90
25) 2-Butanone	7.220	43	19864	54.135	ug/l	92
31) Cyclohexane	7.979	56	25652	9.645	ug/l #	88
36) 1,1-Dichloropropene	7.979	75	11048	3.852	ug/l #	60
37) Ethyl Acetate	7.220	43	19864	18.524	ug/l #	66
38) Carbon Tetrachloride	7.973	117	14516	5.118	ug/l #	17
39) Methylcyclohexane	9.356	83	91820	28.660	ug/l	91
40) Benzene	8.344	78	24003	2.856	ug/l	96
48) Methyl methacrylate	9.538	41	5033	5.498	ug/l #	63
51) 4-Methyl-2-Pentanone	10.220	43	3576	3.485	ug/l #	71
52) Toluene	10.397	92	1745683	343.777	ug/l	98
53) t-1,3-Dichloropropene	10.397	75	18996	7.624	ug/l #	1
55) 1,1,2-Trichloroethane	10.767	97	51457	32.944	ug/l #	22
56) Ethyl methacrylate	10.673	69	12228	7.171	ug/l #	1
59) 2-Hexanone	10.950	43	29237	42.709	ug/l #	25
65) Chlorobenzene	11.667	112	6543	1.240	ug/l	90
67) Ethyl Benzene	11.738	91	116757	12.834	ug/l	96
68) m/p-Xylenes	11.844	106	91615	26.074	ug/l	93
69) o-Xylene	12.173	106	37122	11.793	ug/l	82
70) Styrene	12.185	104	9263	1.685	ug/l #	7
73) Isopropylbenzene	12.473	105	59905	26.042	ug/l	96
74) N-amyl acetate	12.261	43	71158	141.975	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.791	83	26542	53.873	ug/l #	25
76) 1,2,3-Trichloropropane	12.873	75	1934	5.829	ug/l #	1
78) n-propylbenzene	12.814	91	92061	30.835	ug/l	99
79) 2-Chlorotoluene	12.873	91	22480	12.918	ug/l #	48

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 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

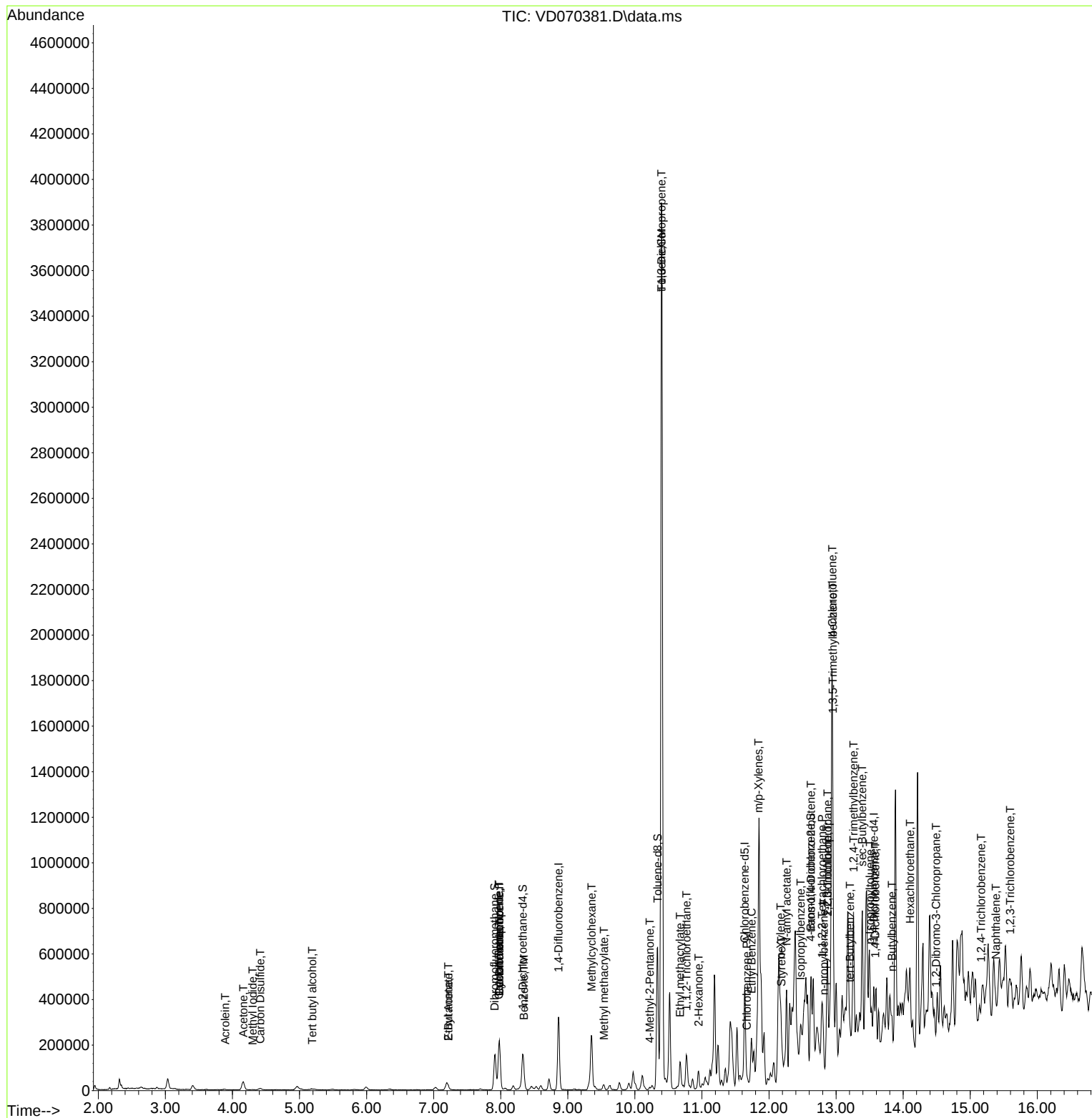
80) 1,3,5-Trimethylbenzene	12.950	105	117703	59.288	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	40783	307.986	ug/l #	18
82) 4-Chlorotoluene	12.944	91	18695	10.183	ug/l #	42
83) tert-Butylbenzene	13.208	119	3078	1.933	ug/l #	25
84) 1,2,4-Trimethylbenzene	13.261	105	326159	166.835	ug/l	100
85) sec-Butylbenzene	13.391	105	358141	141.507	ug/l	99
86) p-Isopropyltoluene	13.508	119	86198	42.389	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	3927	3.541	ug/l #	1
89) n-Butylbenzene	13.832	91	71201	35.119	ug/l #	73
90) Hexachloroethane	14.102	117	11529	24.767	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	14.491	75	352	4.771	ug/l #	22
93) 1,2,4-Trichlorobenzene	15.161	180	850	1.615	ug/l #	1
95) Naphthalene	15.385	128	34657	36.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	4762	10.252	ug/l #	12

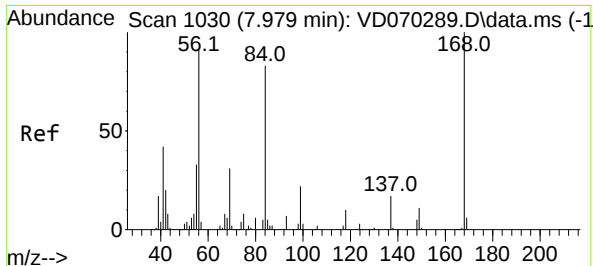
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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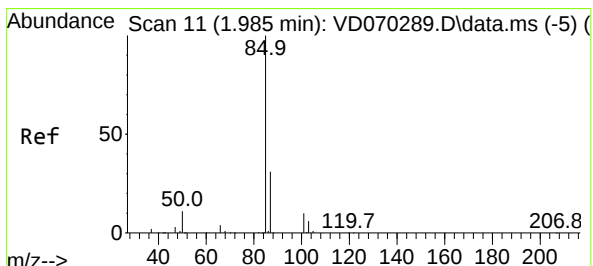
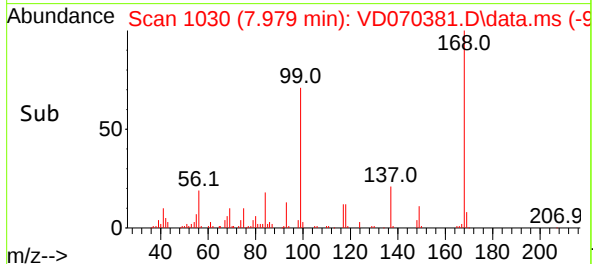
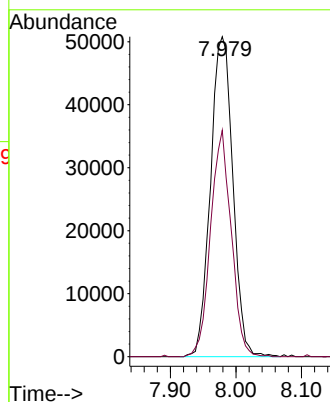
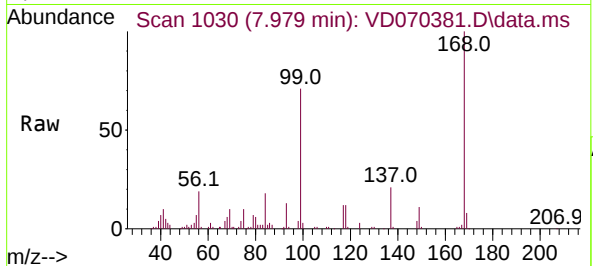




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

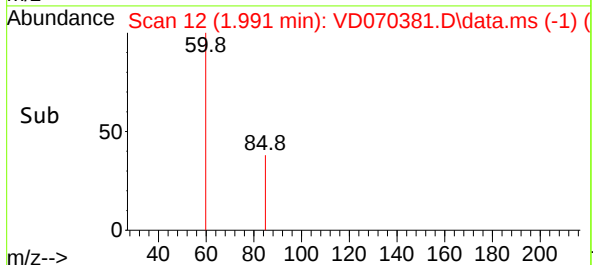
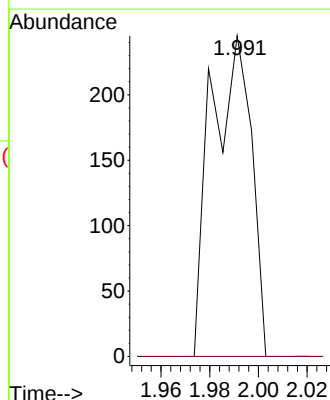
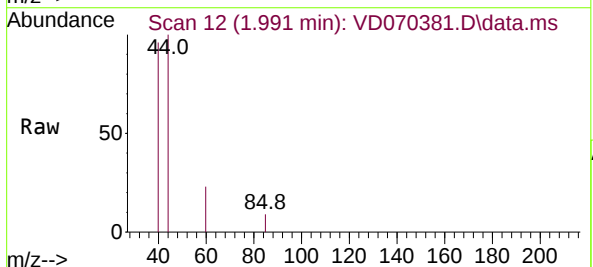
Instrument :
MSVOA_D
ClientSampleId :
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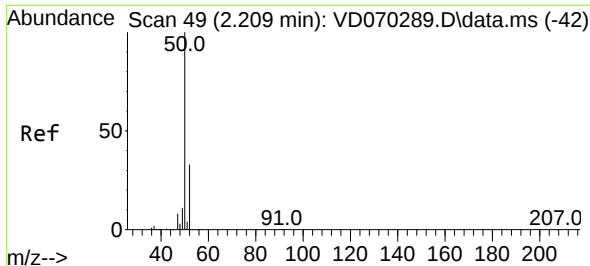
Tgt Ion:168 Resp: 120243
Ion Ratio Lower Upper
168 100
99 70.7 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 85 Resp: 280
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

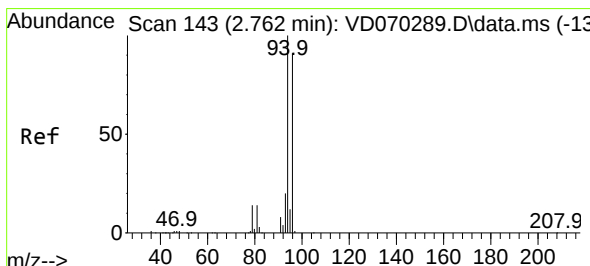
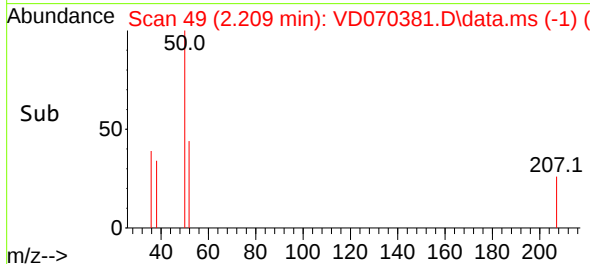
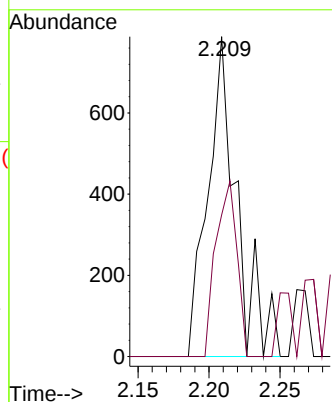
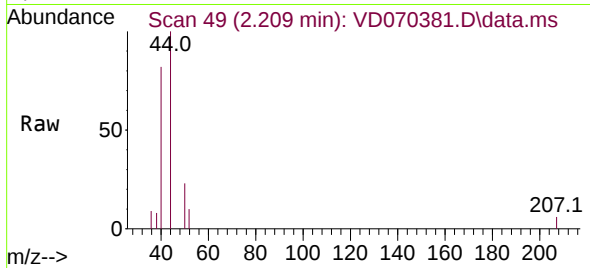




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

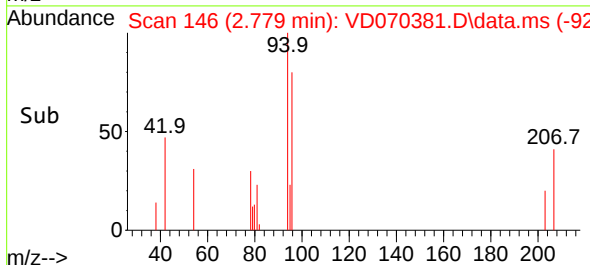
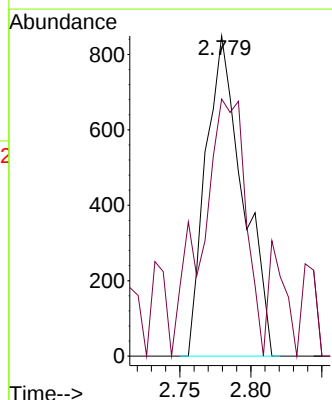
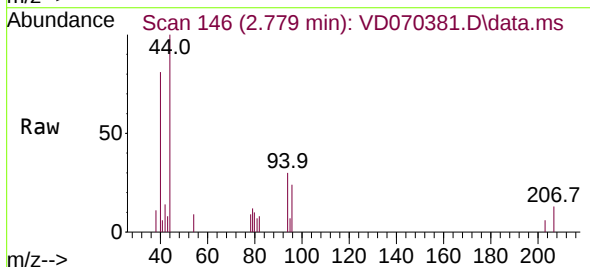
Instrument :
MSVOA_D
ClientSampleId :
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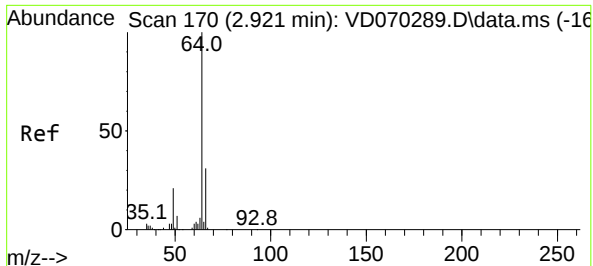
Tgt Ion: 50 Resp: 1122
Ion Ratio Lower Upper
50 100
52 44.3 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 94 Resp: 1538
Ion Ratio Lower Upper
94 100
96 58.8 73.0 109.6#

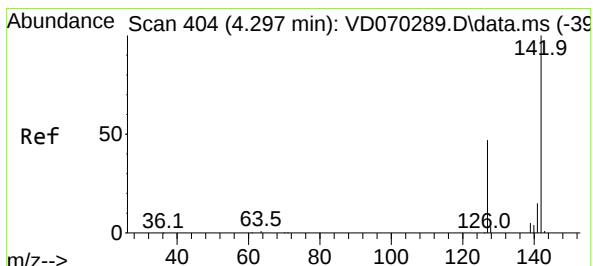
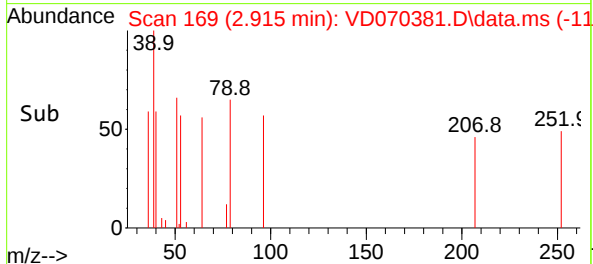
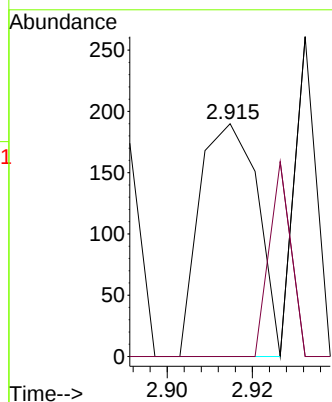
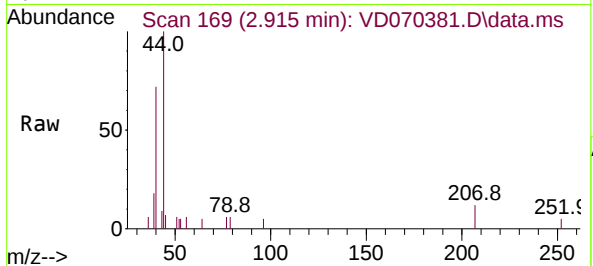




#6
Chloroethane
Concen: Below Cal
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

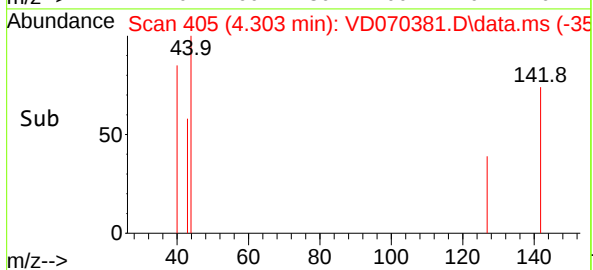
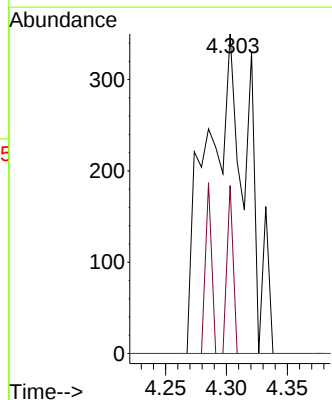
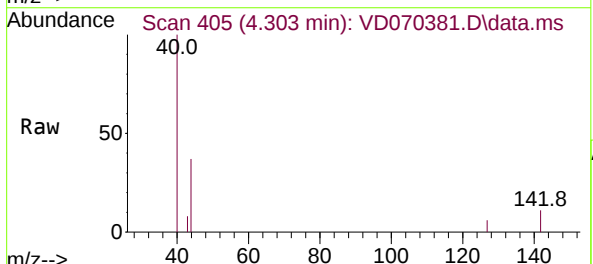
Instrument :
MSVOA_D
ClientSampleId :
20416

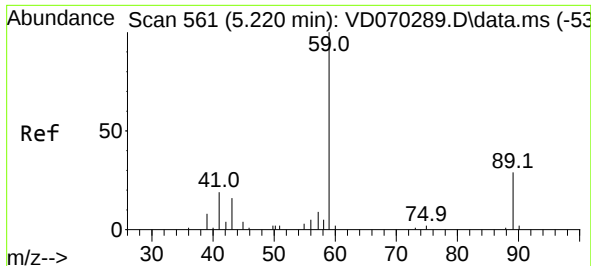
Tgt Ion: 64 Resp: 180
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.563 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 142 Resp: 812
Ion Ratio Lower Upper
142 100
127 8.0 36.9 55.3#
141 0.0 11.8 17.6#

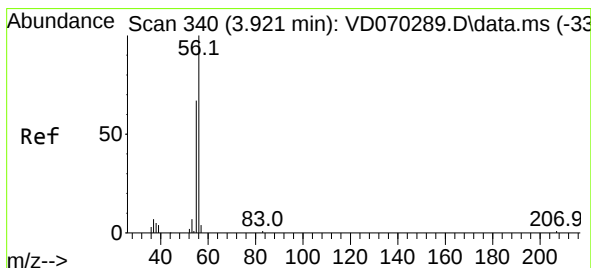
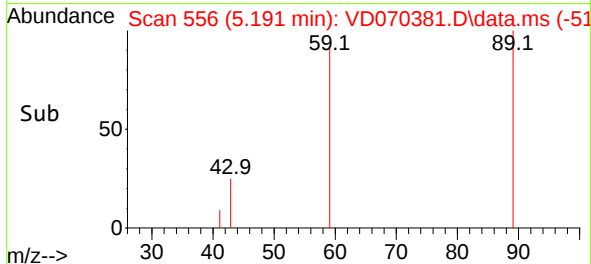
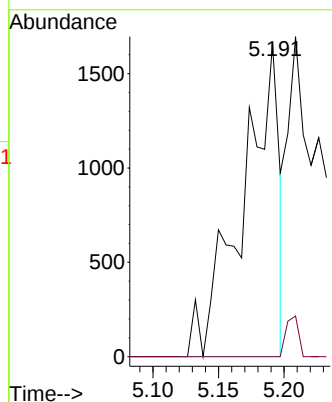
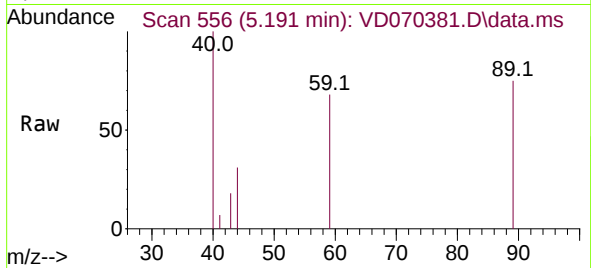




#11
Tert butyl alcohol
Concen: 18.462 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

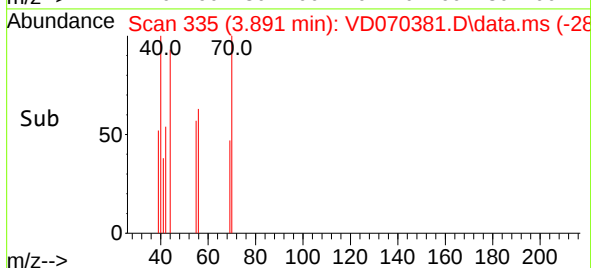
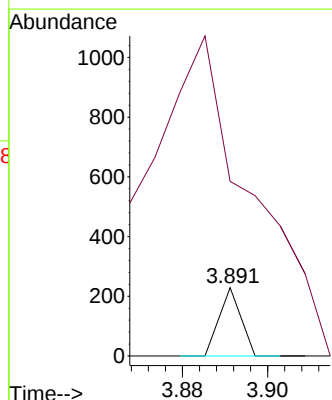
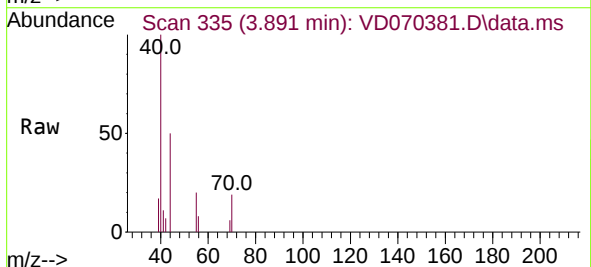
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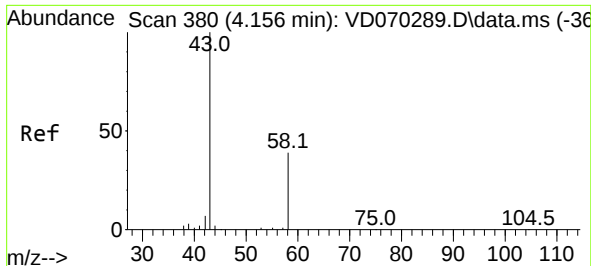
Tgt Ion: 59 Resp: 3223
Ion Ratio Lower Upper
59 100
57 4.4 0.0 0.0#



#13
Acrolein
Concen: 1.055 ug/l
RT: 3.891 min Scan# 335
Delta R.T. -0.029 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 56 Resp: 81
Ion Ratio Lower Upper
56 100
55 2676.5 54.2 81.2#

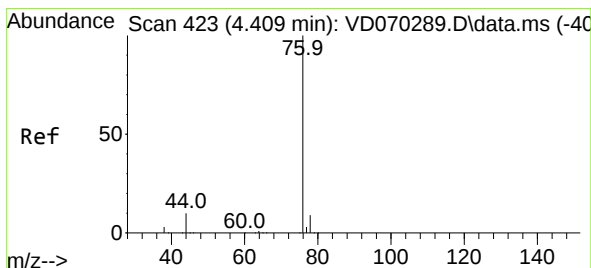
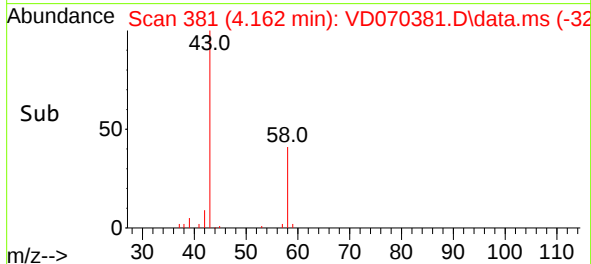
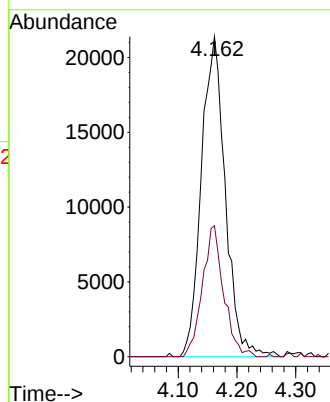
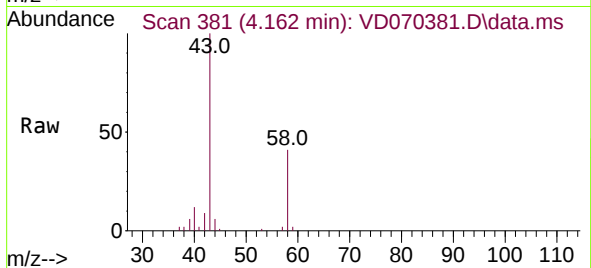




#16
Acetone
Concen: 219.036 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

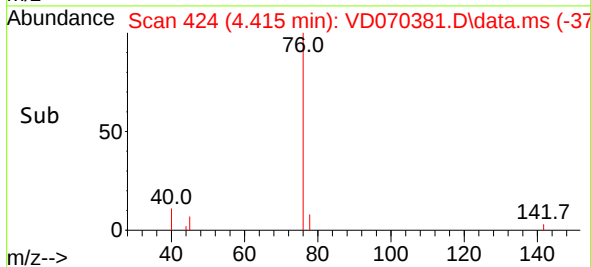
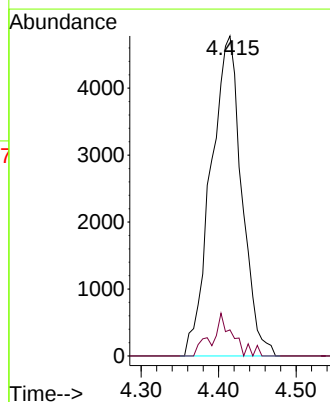
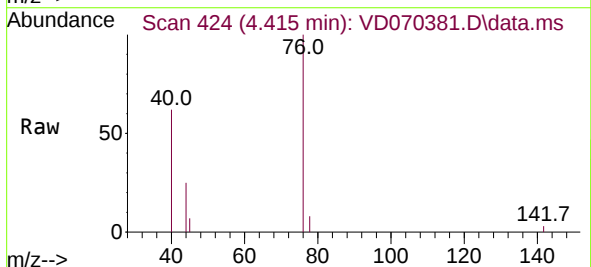
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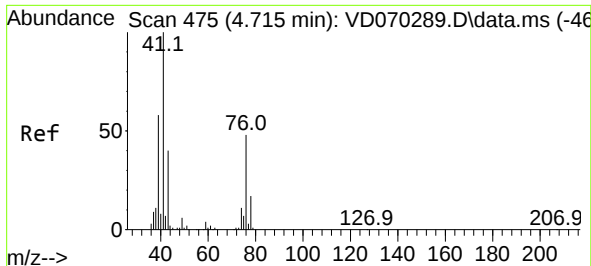
Tgt Ion: 43 Resp: 60377
Ion Ratio Lower Upper
43 100
58 40.9 30.9 46.3



#17
Carbon Disulfide
Concen: 2.567 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 76 Resp: 13258
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3





#18

Methyl Acetate

Concen: Below Cal

RT: 4.715 min Scan# 475

Delta R.T. -0.000 min

Lab File: VD070381.D

Acq: 20 Sep 2021 13:51

Instrument :

MSVOA_D

ClientSampled :

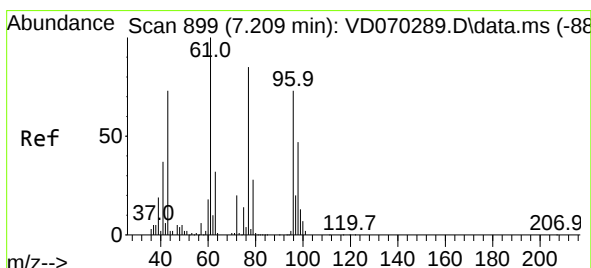
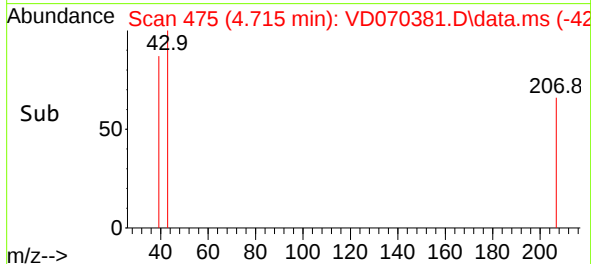
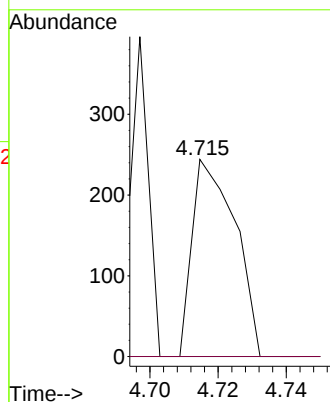
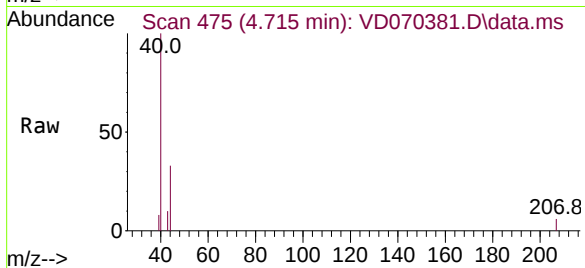
20416

Tgt Ion: 43 Resp: 214

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#25

2-Butanone

Concen: 54.135 ug/l

RT: 7.220 min Scan# 901

Delta R.T. 0.012 min

Lab File: VD070381.D

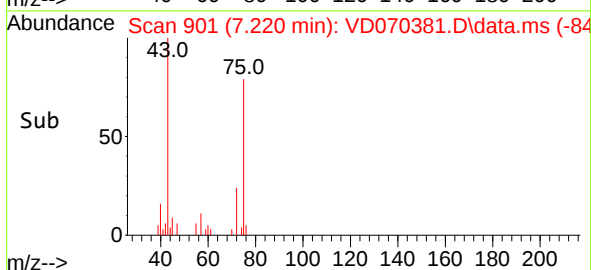
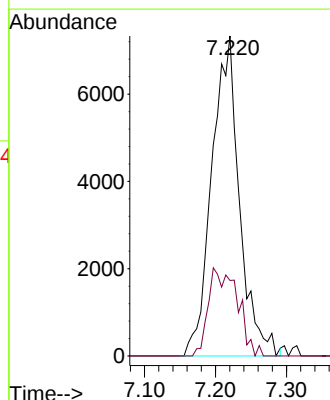
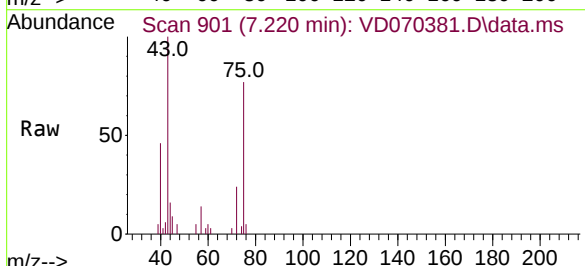
Acq: 20 Sep 2021 13:51

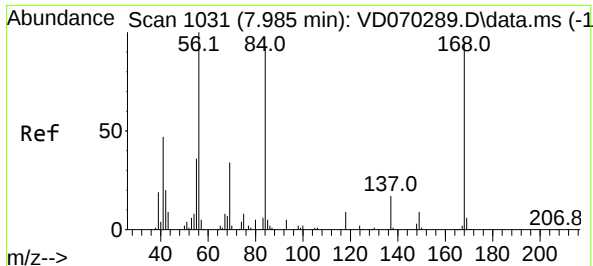
Tgt Ion: 43 Resp: 19864

Ion Ratio Lower Upper

43 100

72 23.6 22.2 33.4

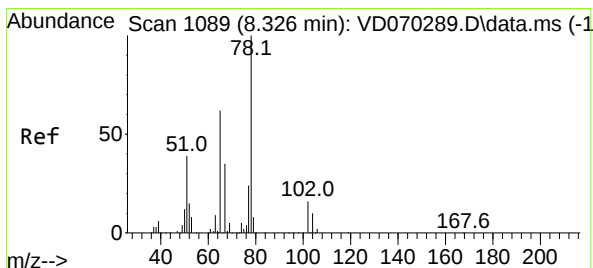
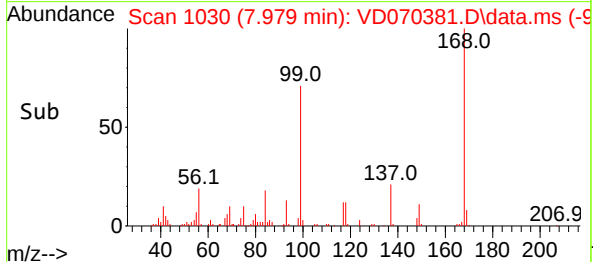
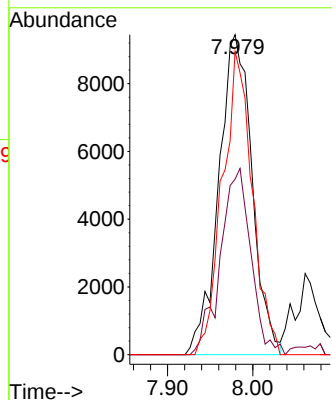
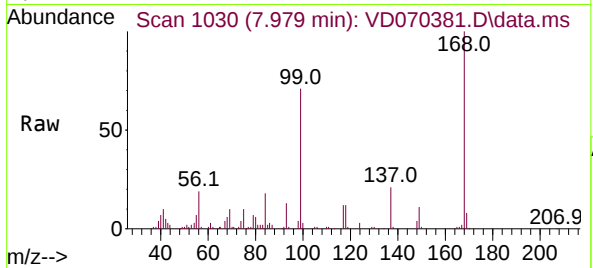




#31
Cyclohexane
Concen: 9.645 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

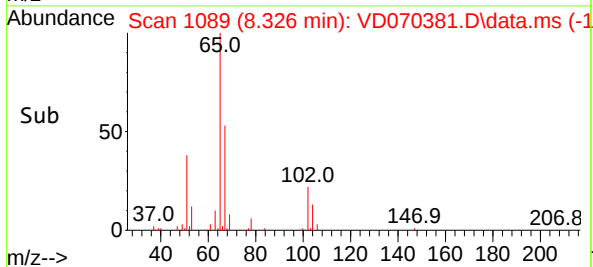
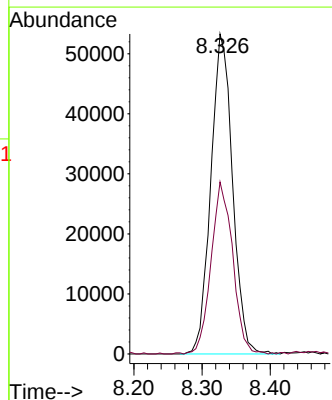
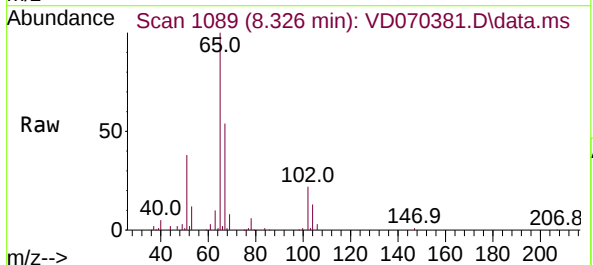
Instrument :
MSVOA_D
ClientSampleId :
20416

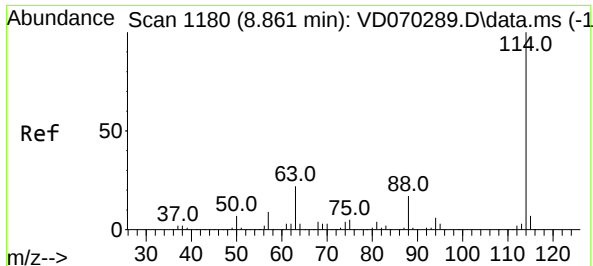
Tgt Ion: 56 Resp: 25652
Ion Ratio Lower Upper
56 100
69 54.8 26.9 40.3#
84 94.7 73.6 110.4



#33
1,2-Dichloroethane-d4
Concen: 76.530 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 65 Resp: 118158
Ion Ratio Lower Upper
65 100
67 53.4 0.0 111.4

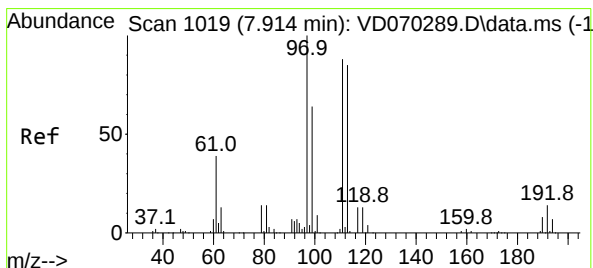
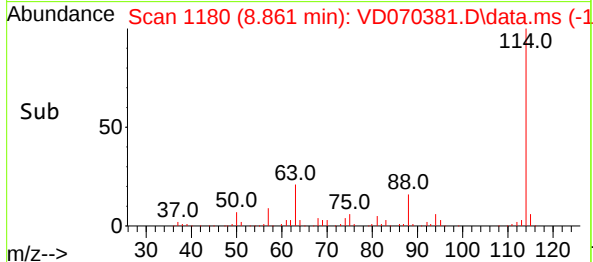
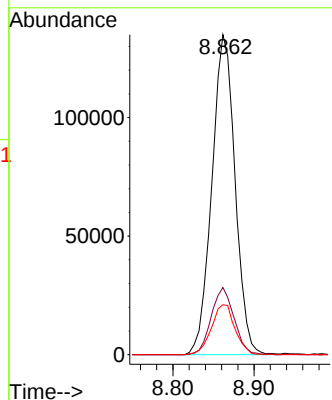
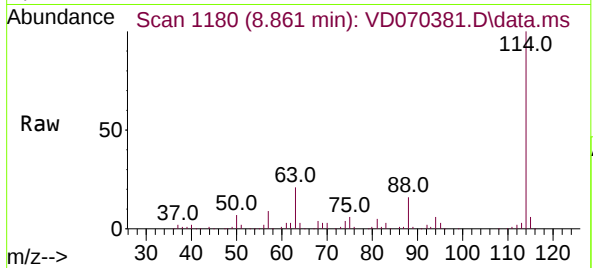




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

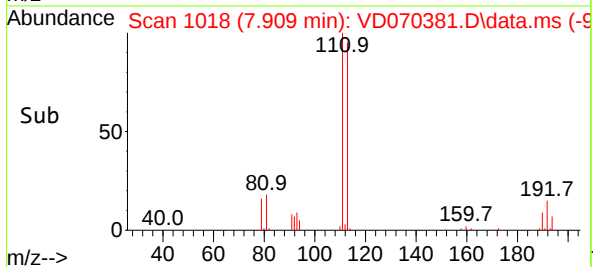
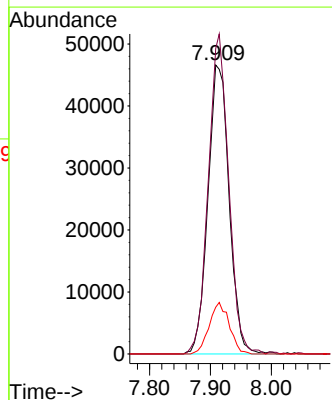
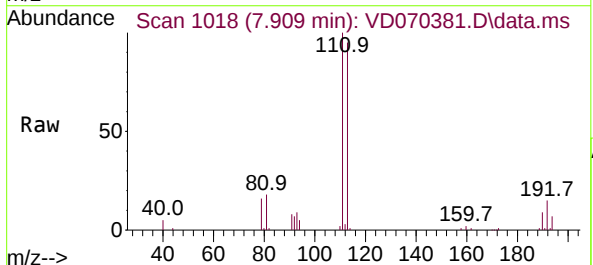
Instrument :
MSVOA_D
ClientSampleId :
20416

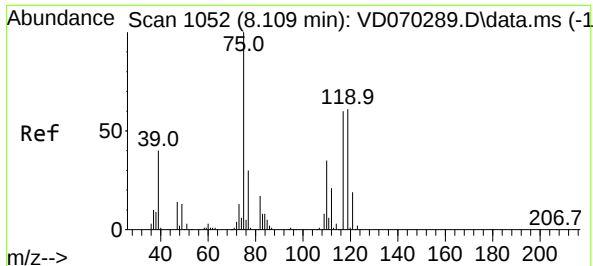
Tgt Ion:114 Resp: 268300
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 59.045 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion:113 Resp: 112764
Ion Ratio Lower Upper
113 100
111 106.0 81.4 122.2
192 16.9 13.0 19.6

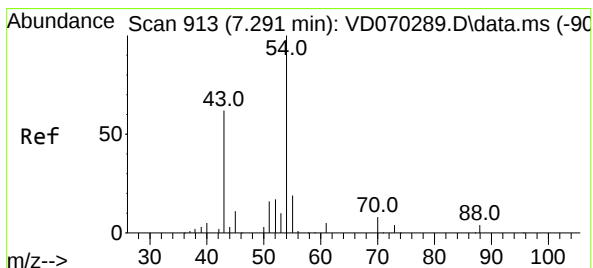
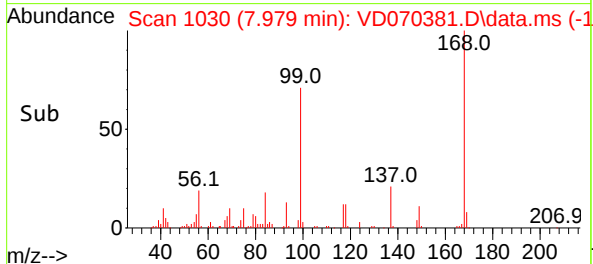
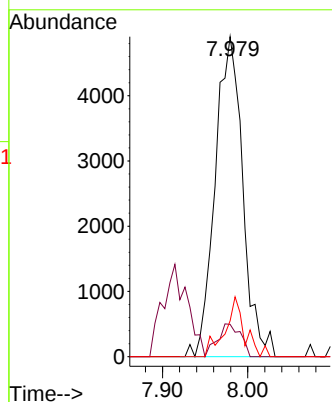
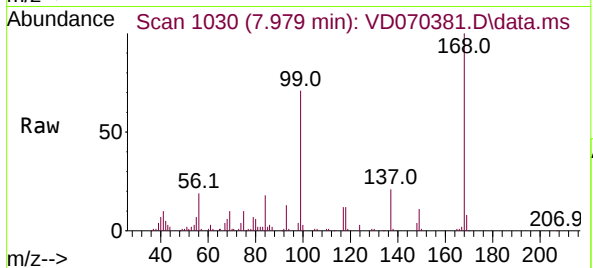




#36
1,1-Dichloropropene
Concen: 3.852 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

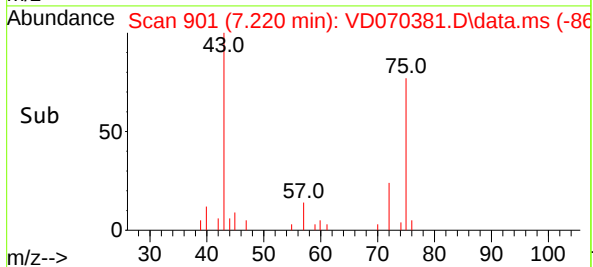
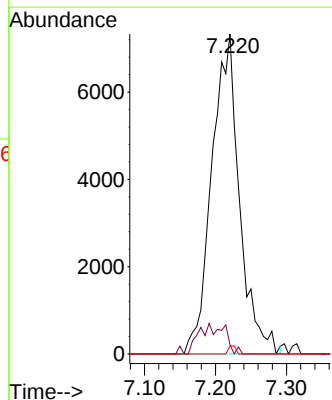
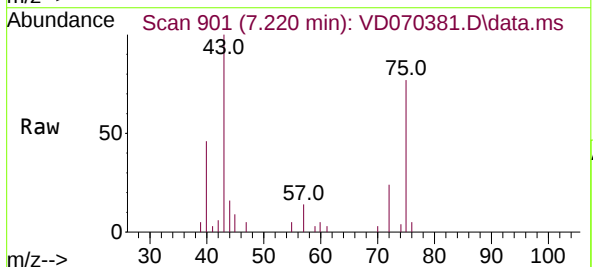
Instrument :
MSVOA_D
ClientSampleId :
20416

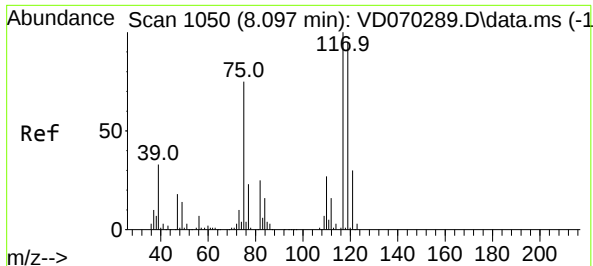
Tgt Ion: 75 Resp: 11048
Ion Ratio Lower Upper
75 100
110 8.5 17.9 53.7#
77 13.3 25.3 37.9#



#37
Ethyl Acetate
Concen: 18.524 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.071 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 43 Resp: 19864
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.6#
70 0.6 9.8 14.6#

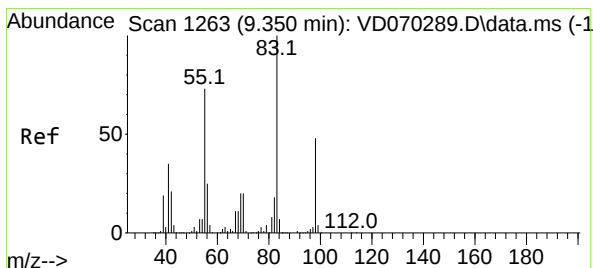
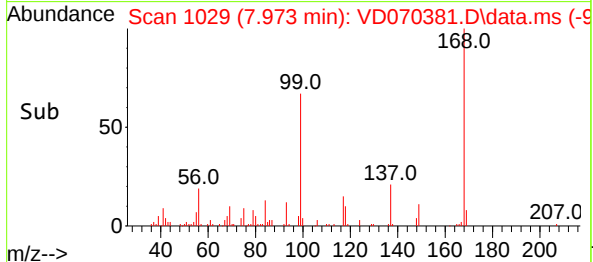
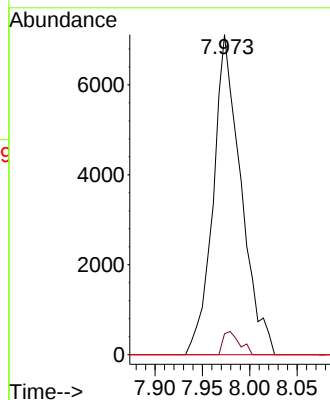
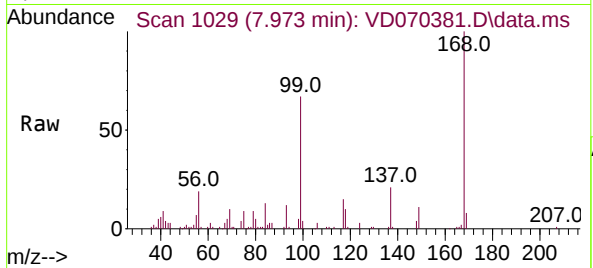




#38
Carbon Tetrachloride
Concen: 5.118 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

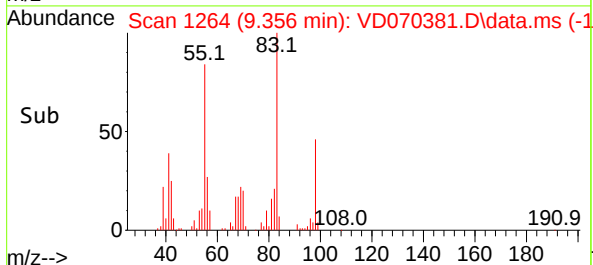
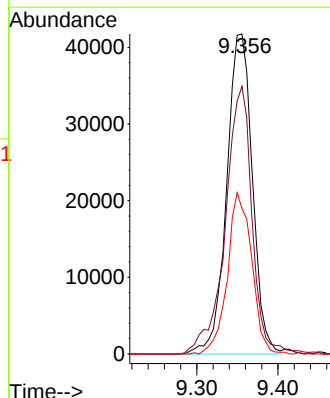
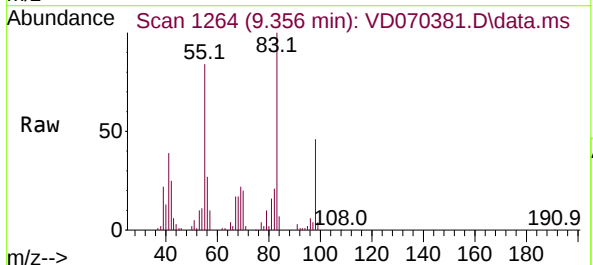
Instrument :
MSVOA_D
ClientSampleId :
20416

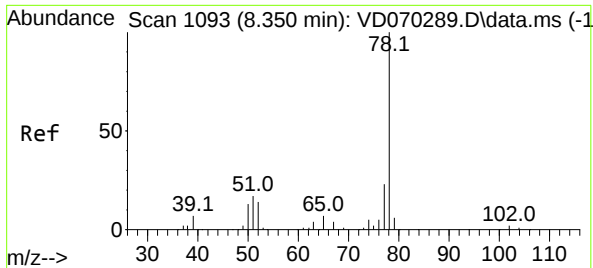
Tgt Ion:117 Resp: 14516
Ion Ratio Lower Upper
117 100
119 6.6 76.1 114.1#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 28.660 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 83 Resp: 91820
Ion Ratio Lower Upper
83 100
55 83.7 58.5 87.7
98 45.5 38.4 57.6

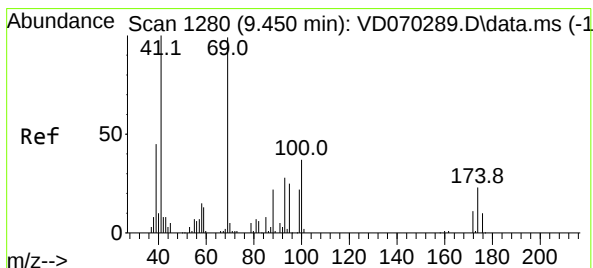
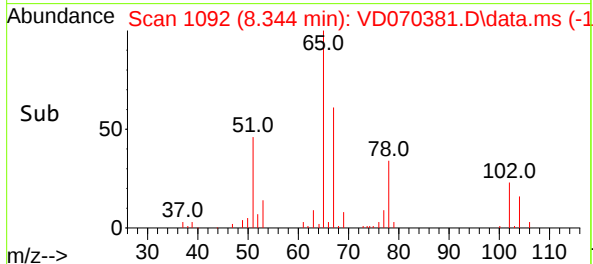
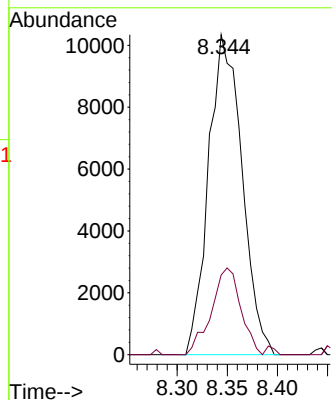
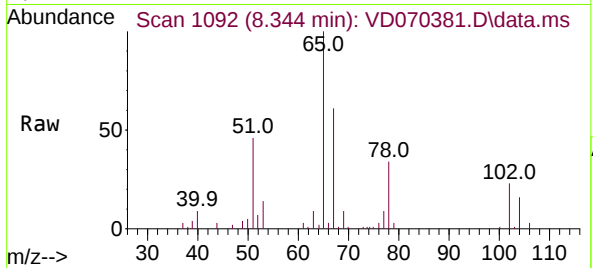




#40
Benzene
Concen: 2.856 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

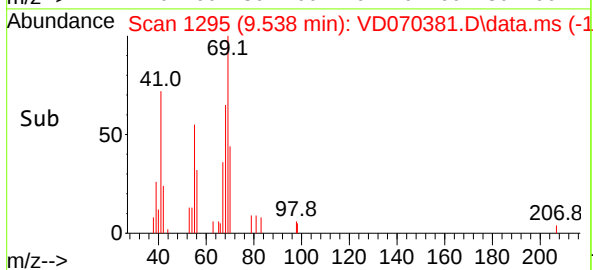
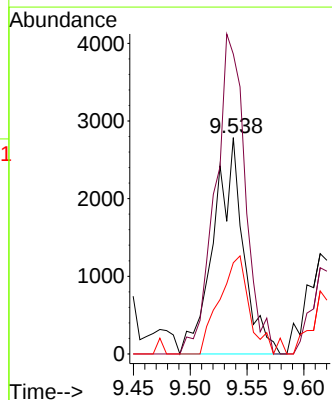
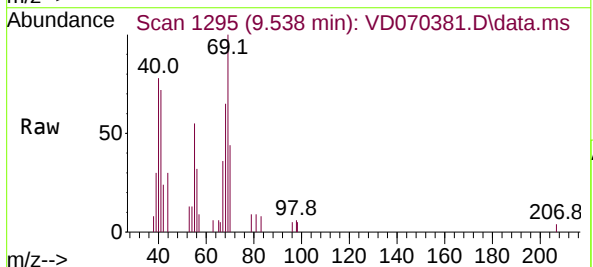
Instrument :
MSVOA_D
ClientSampled :
20416

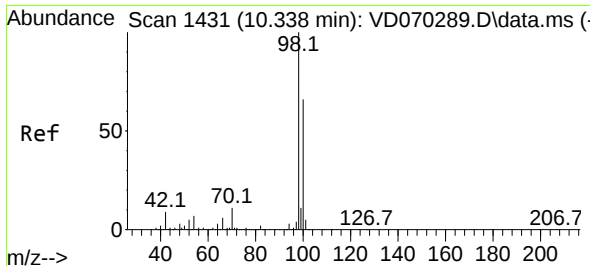
Tgt Ion: 78 Resp: 24003
Ion Ratio Lower Upper
78 100
77 24.9 18.4 27.6



#48
Methyl methacrylate
Concen: 5.498 ug/l
RT: 9.538 min Scan# 1295
Delta R.T. 0.088 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 41 Resp: 5033
Ion Ratio Lower Upper
41 100
69 150.1 79.8 119.8#
39 46.8 34.4 51.6

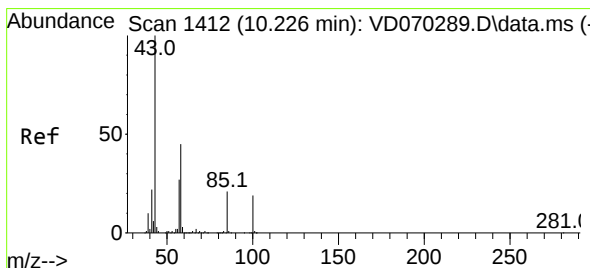
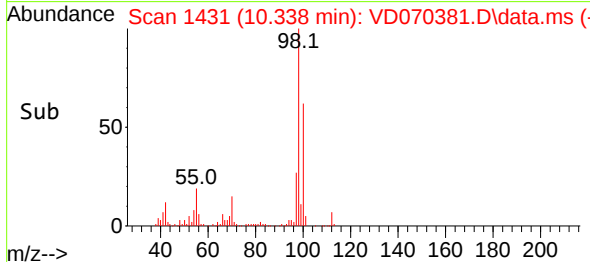
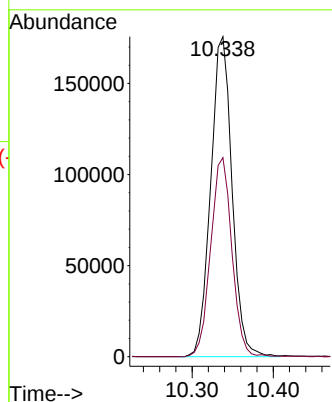
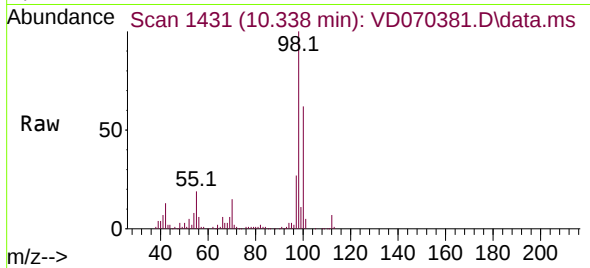




#50
Toluene-d8
Concen: 46.279 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

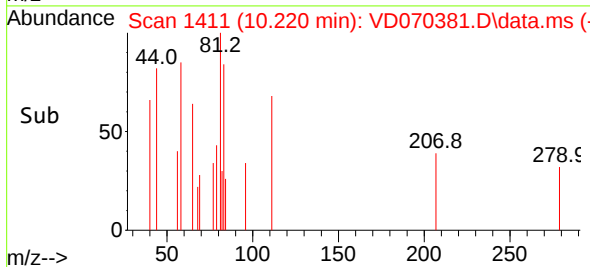
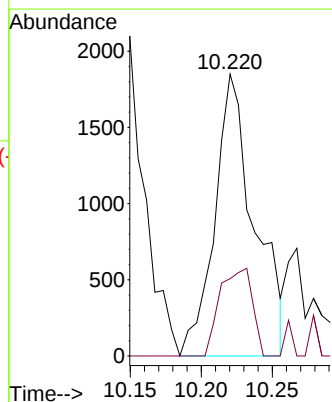
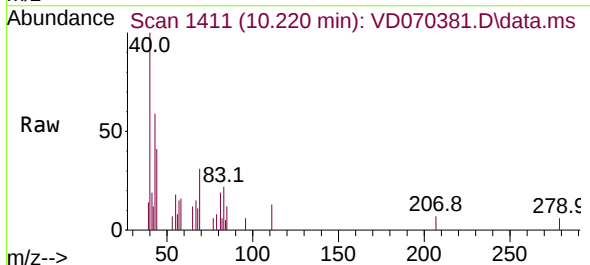
Instrument :
MSVOA_D
ClientSampleId :
20416

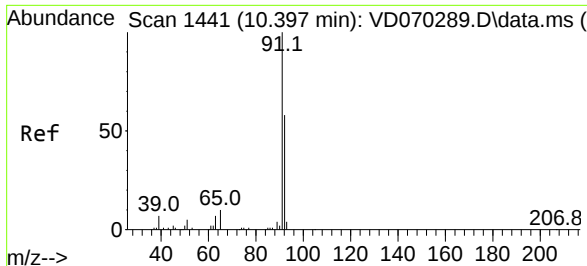
Tgt Ion: 98 Resp: 320897
Ion Ratio Lower Upper
98 100
100 61.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 3.485 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 43 Resp: 3576
Ion Ratio Lower Upper
43 100
58 25.5 35.4 53.2#

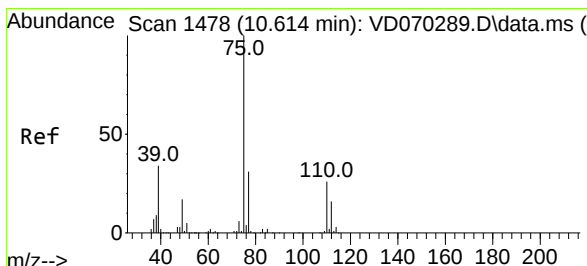
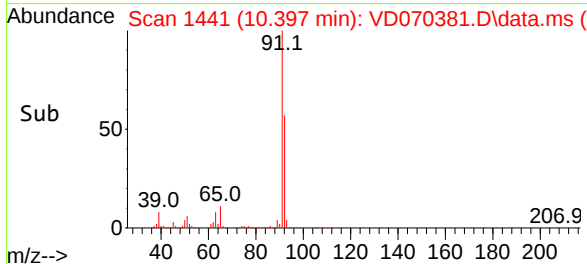
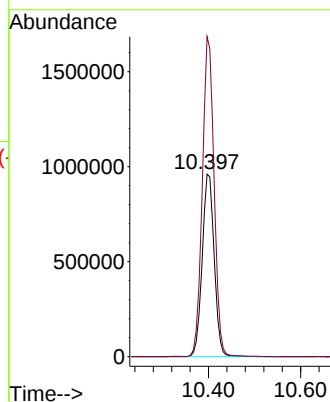
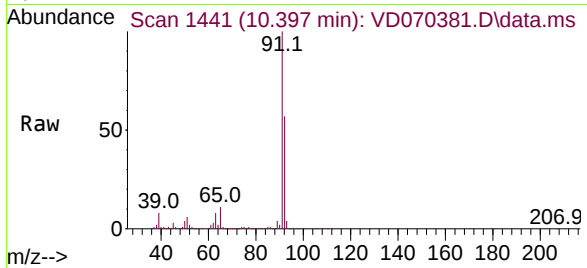




#52
Toluene
Concen: 343.777 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

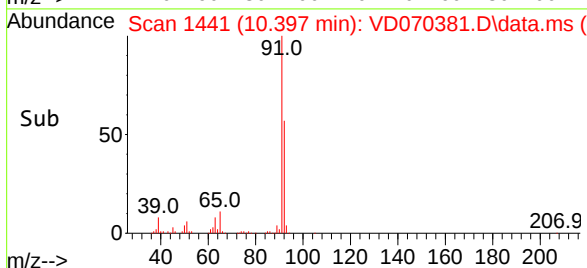
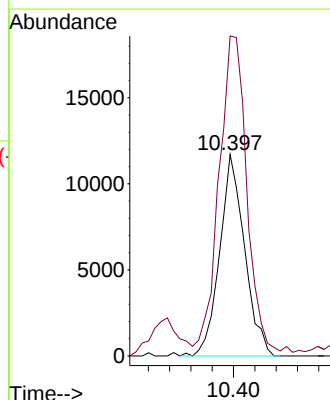
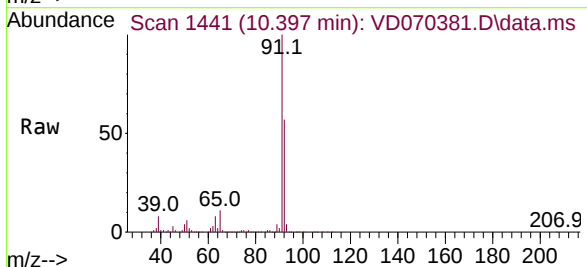
Instrument :
MSVOA_D
ClientSampled :
20416

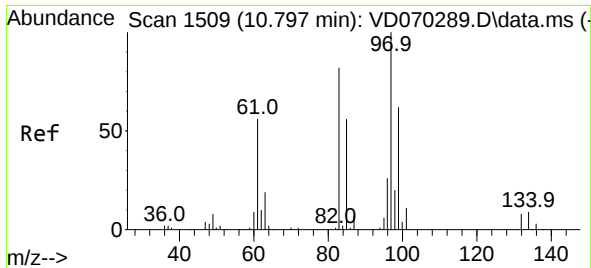
Tgt Ion: 92 Resp: 1745683
Ion Ratio Lower Upper
92 100
91 172.3 136.2 204.2



#53
t-1,3-Dichloropropene
Concen: 7.624 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.218 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 75 Resp: 18996
Ion Ratio Lower Upper
75 100
77 156.4 24.6 37.0#

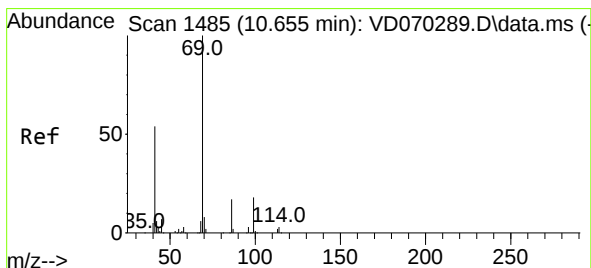
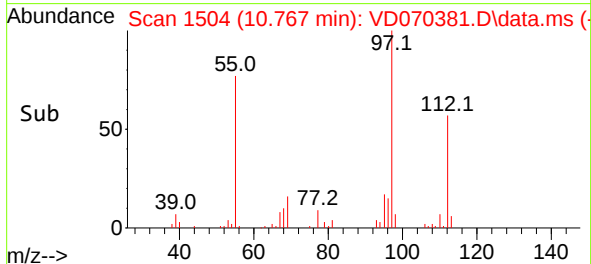
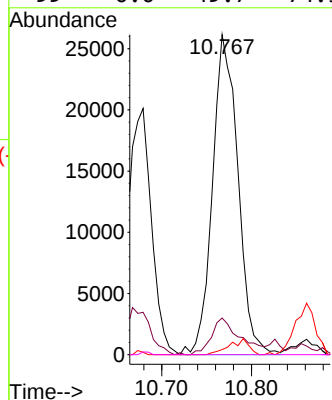
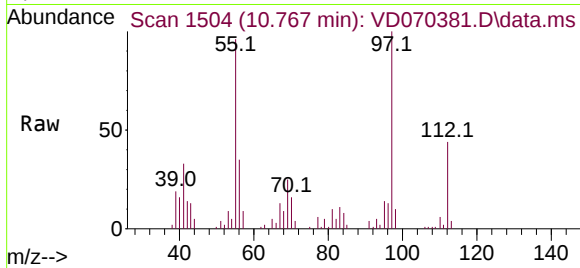




#55
1,1,2-Trichloroethane
Concen: 32.944 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.029 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

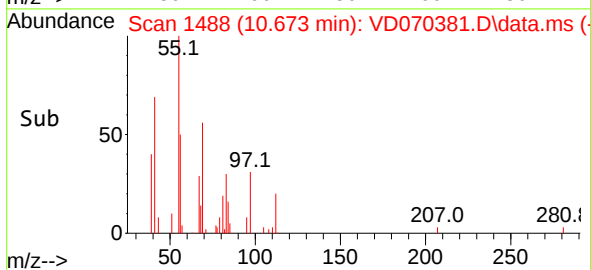
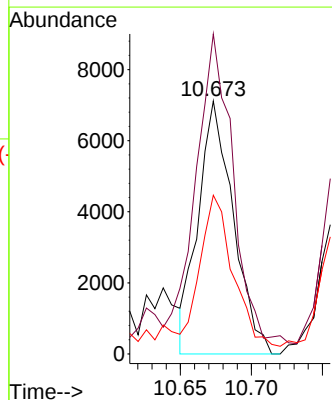
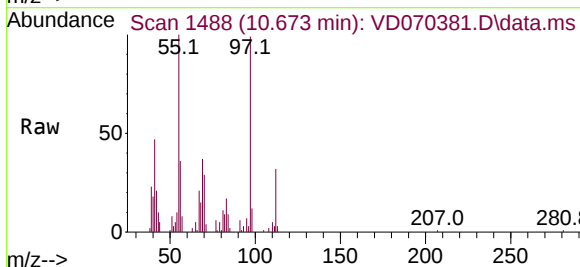
Instrument :
MSVOA_D
ClientSampleId :
20416

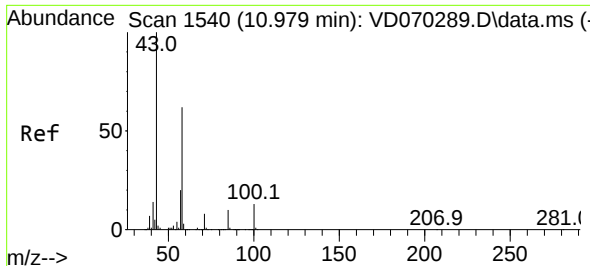
Tgt Ion:	97	Resp:	51457
Ion	Ratio	Lower	Upper
97	100		
83	10.8	65.3	97.9#
85	1.6	44.8	67.2#
99	0.0	49.7	74.5#



#56
Ethyl methacrylate
Concen: 7.171 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion:	69	Resp:	12228
Ion	Ratio	Lower	Upper
69	100		
41	128.4	43.6	65.4#
39	77.7	18.6	28.0#

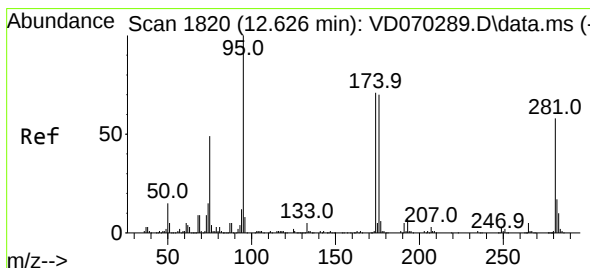
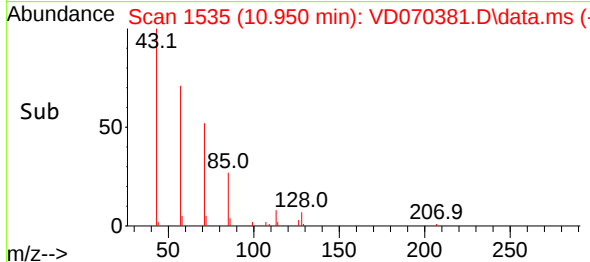
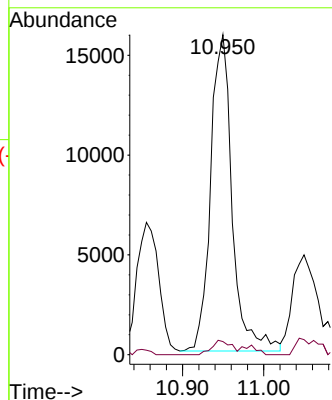
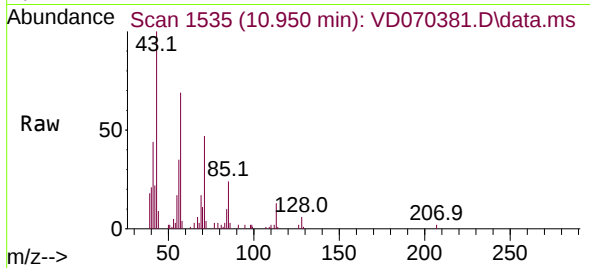




#59
2-Hexanone
Concen: 42.709 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. -0.029 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

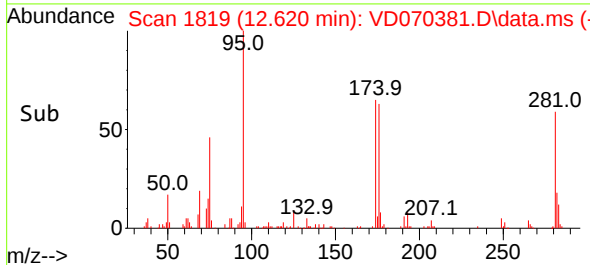
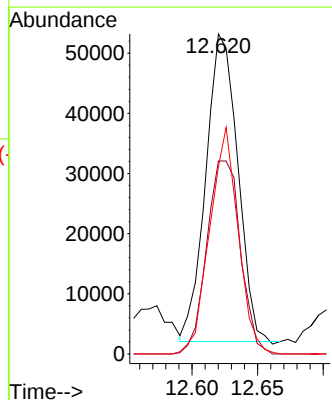
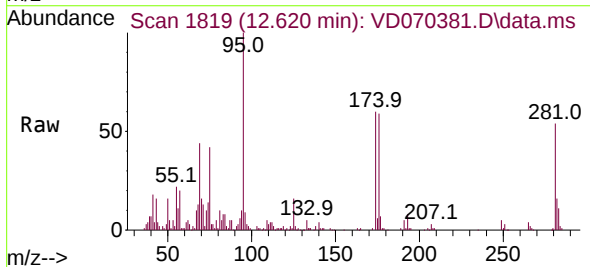
Instrument :
MSVOA_D
ClientSampled :
20416

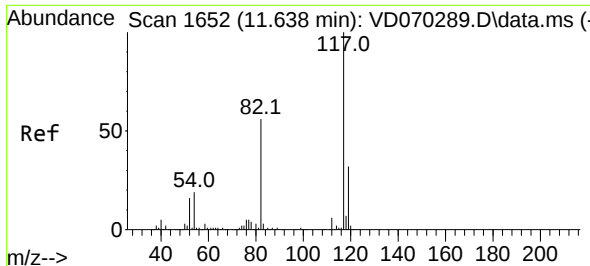
Tgt Ion: 43 Resp: 29237
Ion Ratio Lower Upper
43 100
58 4.0 30.6 91.6#



#62
4-Bromofluorobenzene
Concen: 35.660 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 95 Resp: 86416
Ion Ratio Lower Upper
95 100
174 66.2 0.0 140.6
176 65.9 0.0 137.4

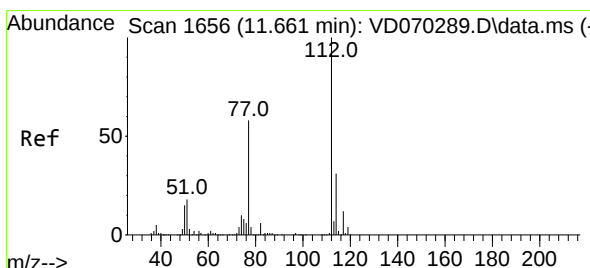
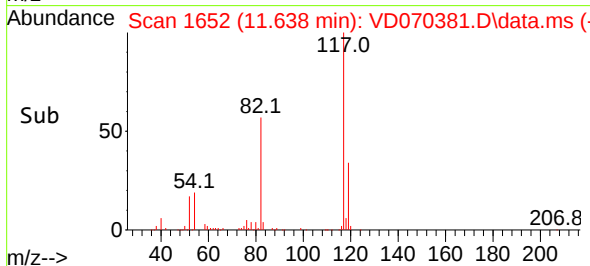
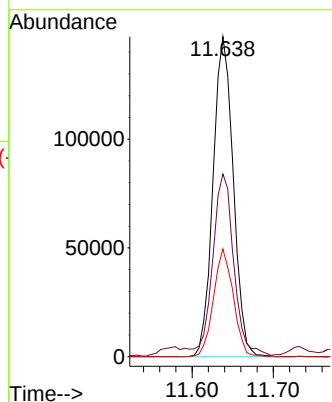
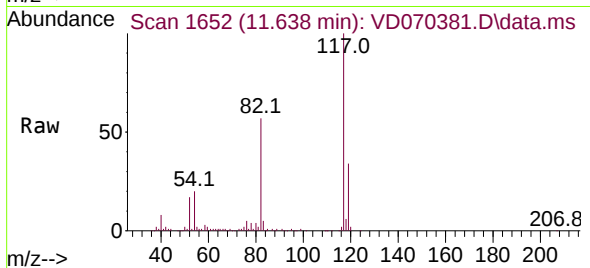




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

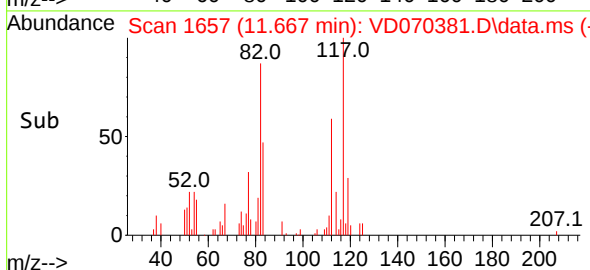
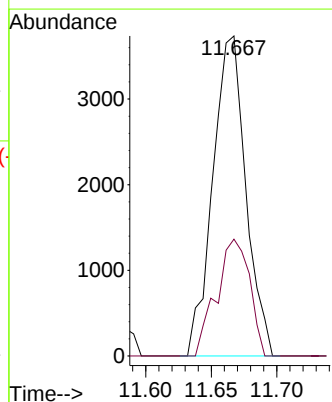
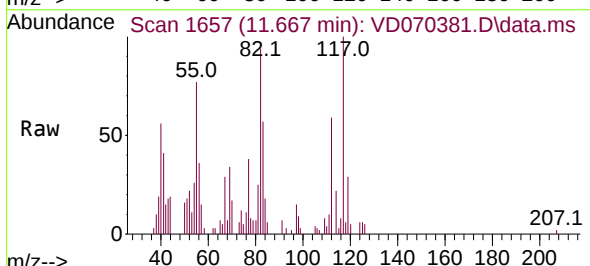
Instrument :
MSVOA_D
ClientSampleId :
20416

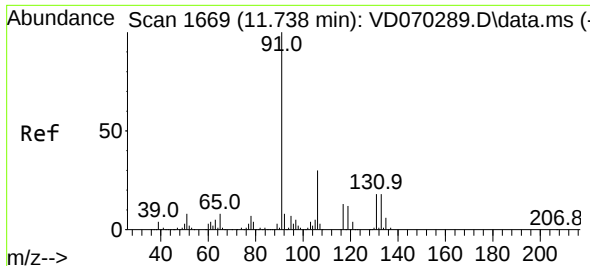
Tgt Ion:117 Resp: 254639
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 33.6 25.2 37.8



#65
Chlorobenzene
Concen: 1.240 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion:112 Resp: 6543
Ion Ratio Lower Upper
112 100
114 36.5 24.7 37.1

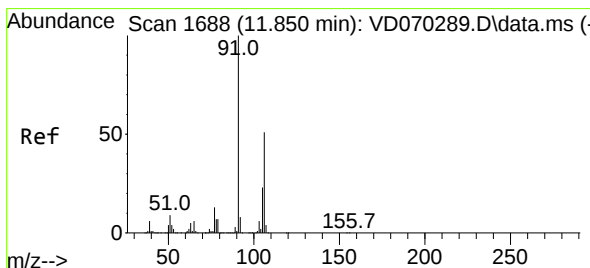
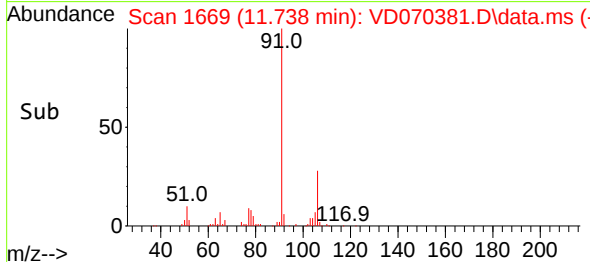
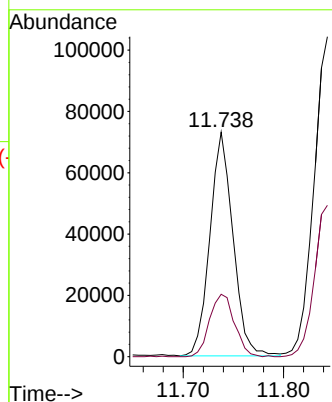
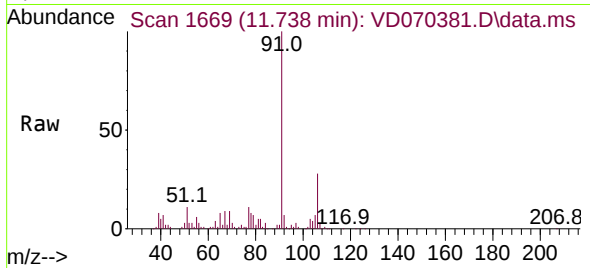




#67
Ethyl Benzene
Concen: 12.834 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

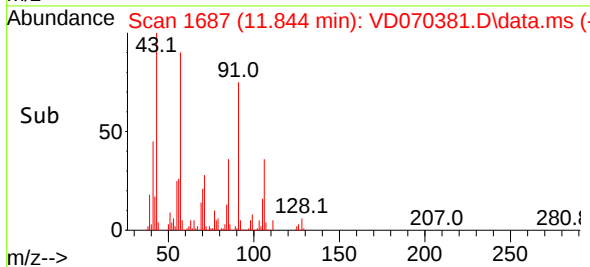
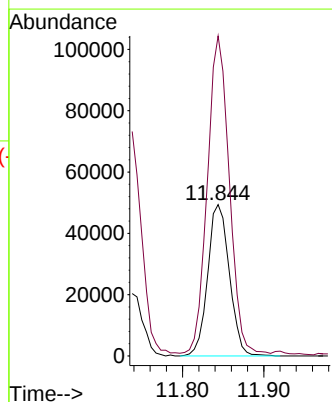
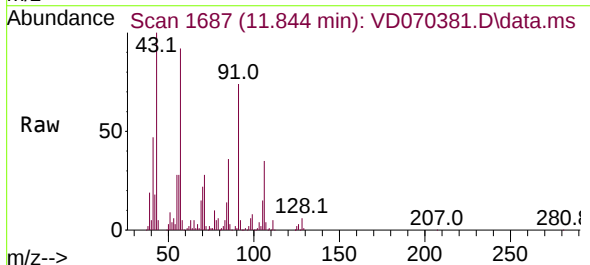
Instrument :
MSVOA_D
ClientSampleId :
20416

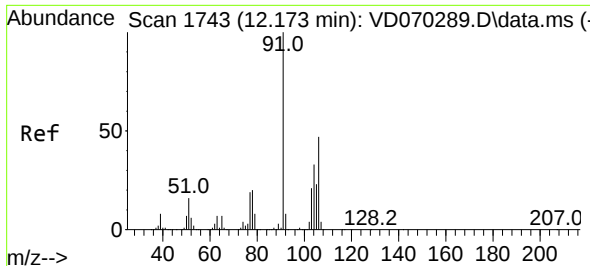
Tgt Ion: 91 Resp: 116757
Ion Ratio Lower Upper
91 100
106 27.9 24.2 36.2



#68
m/p-Xylenes
Concen: 26.074 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion:106 Resp: 91615
Ion Ratio Lower Upper
106 100
91 211.9 161.2 241.8

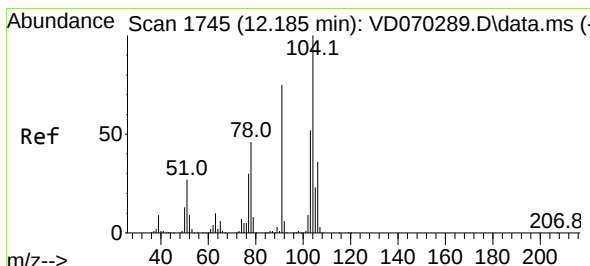
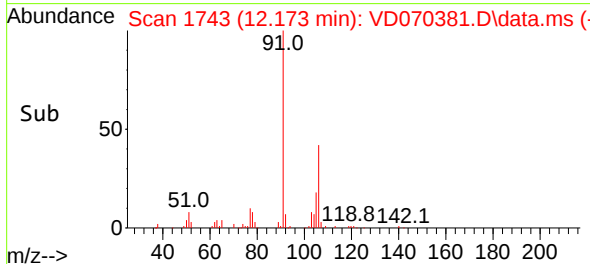
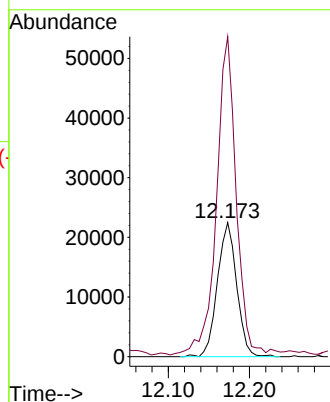
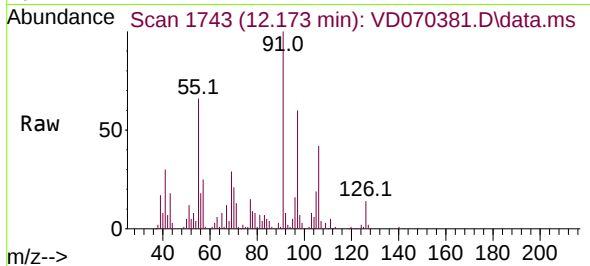




#69
o-Xylene
Concen: 11.793 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

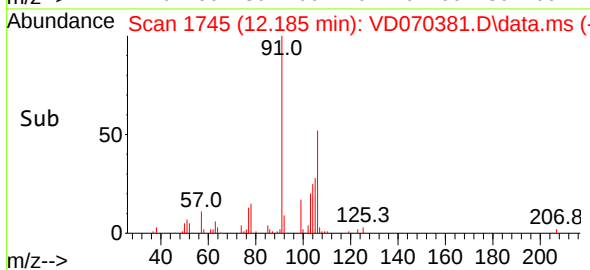
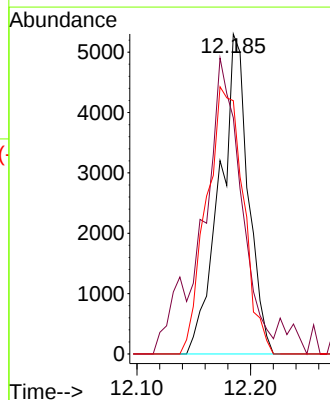
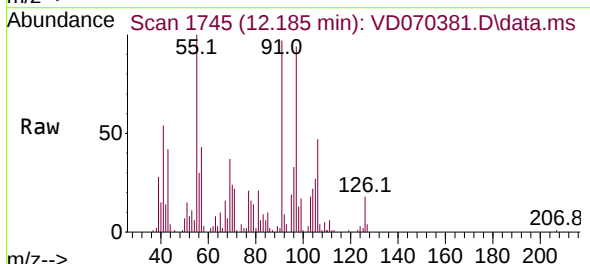
Instrument :
MSVOA_D
ClientSampled :
20416

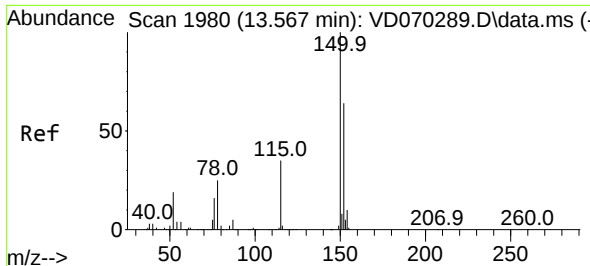
Tgt Ion:106 Resp: 37122
Ion Ratio Lower Upper
106 100
91 241.3 106.3 318.9



#70
Styrene
Concen: 1.685 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion:104 Resp: 9263
Ion Ratio Lower Upper
104 100
78 125.7 38.6 57.8#
103 107.3 43.4 65.0#

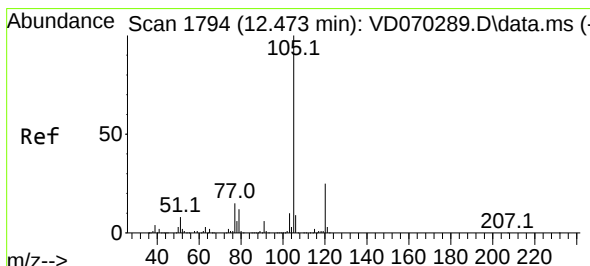
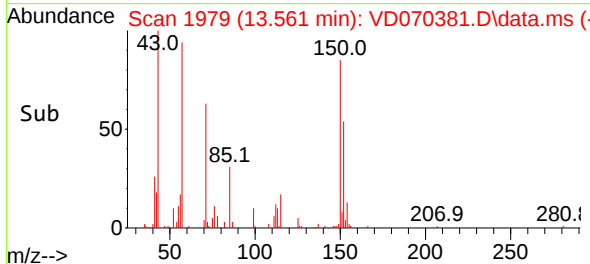
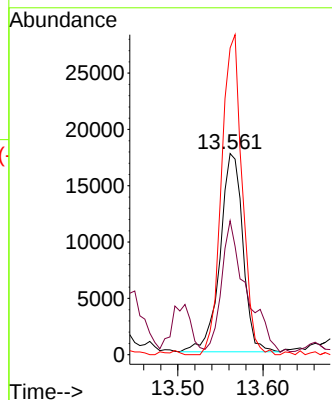
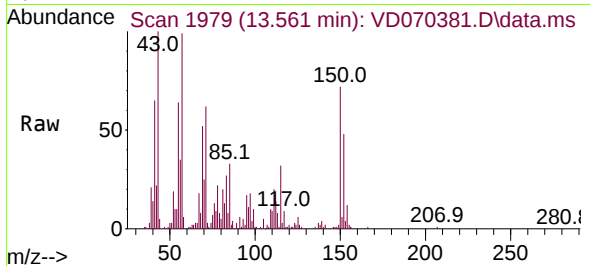




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

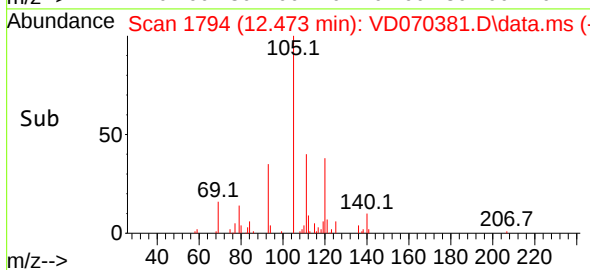
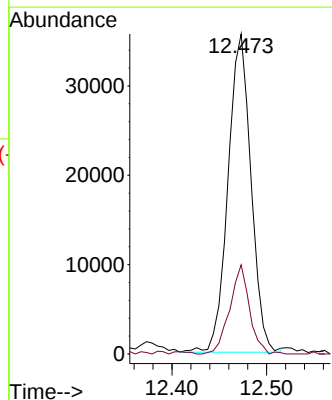
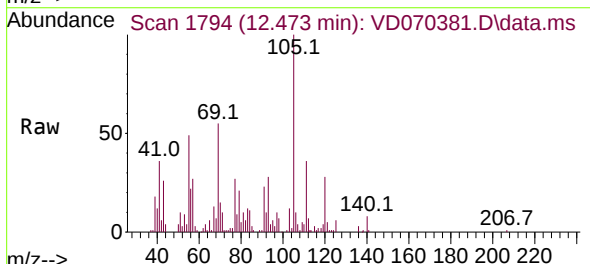
Instrument :
MSVOA_D
ClientSampleId :
20416

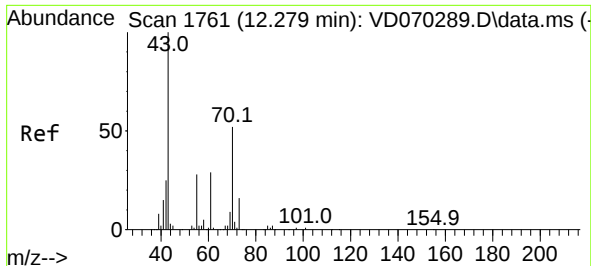
Tgt Ion:152 Resp: 32801
Ion Ratio Lower Upper
152 100
115 71.0 32.1 96.3
150 146.2 0.0 350.6



#73
Isopropylbenzene
Concen: 26.042 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion:105 Resp: 59905
Ion Ratio Lower Upper
105 100
120 24.1 13.0 38.9

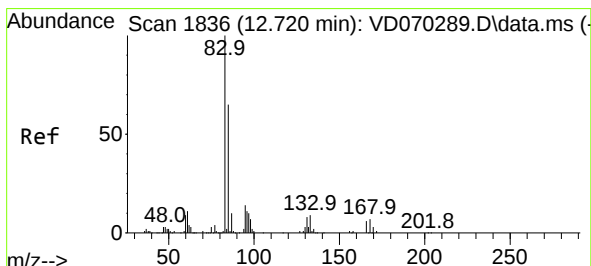
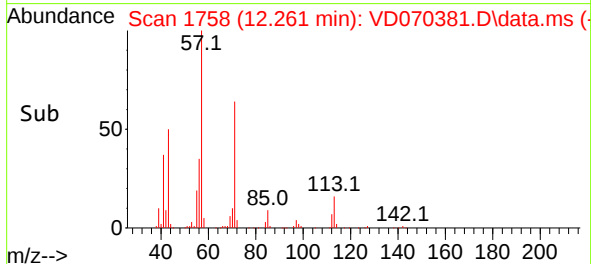
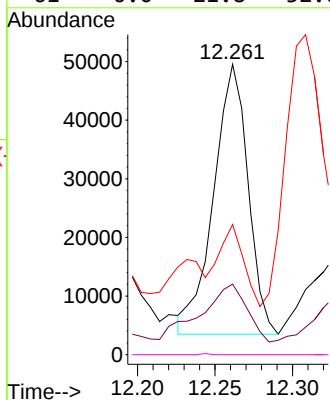
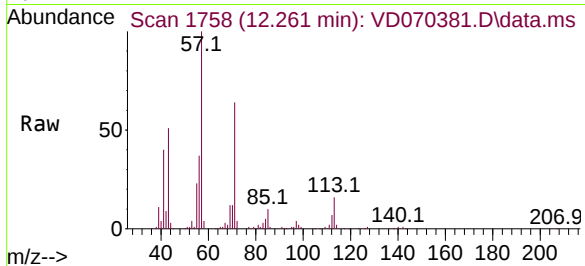




#74
N-amy1 acetate
Concen: 141.975 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

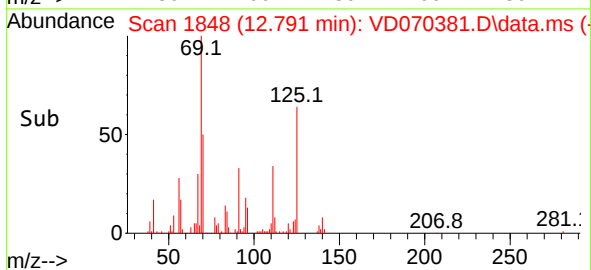
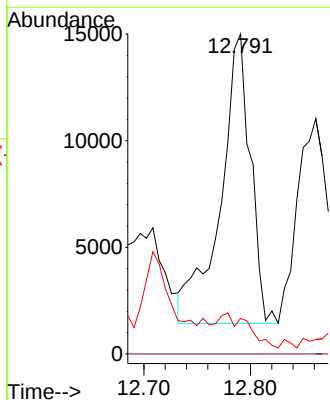
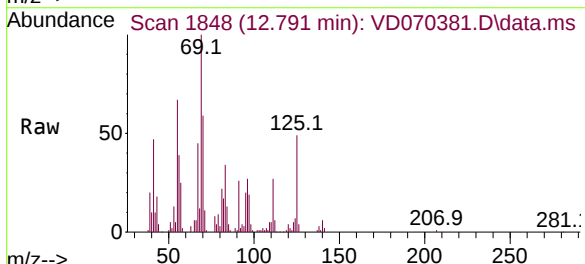
Instrument :
MSVOA_D
ClientSampled :
20416

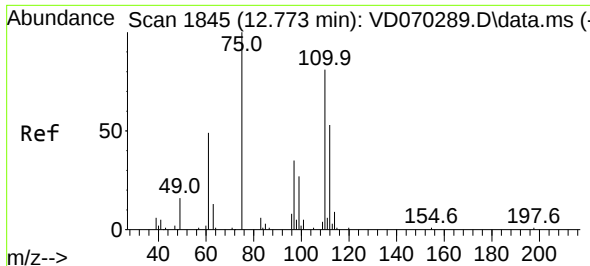
Tgt Ion:	43	Resp:	71158
Ion	Ratio	Lower	Upper
43	100		
70	28.9	41.4	62.0#
55	22.2	22.8	34.2#
61	0.0	21.8	32.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 53.873 ug/l
RT: 12.791 min Scan# 1848
Delta R.T. 0.071 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion:	83	Resp:	26542
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	0.0	32.1	96.3#

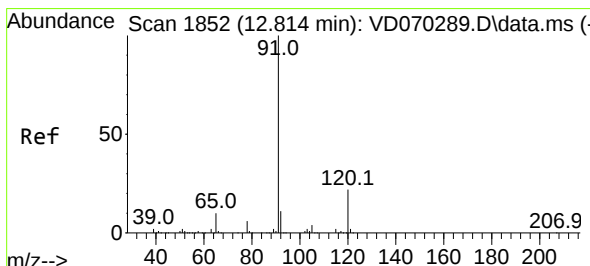
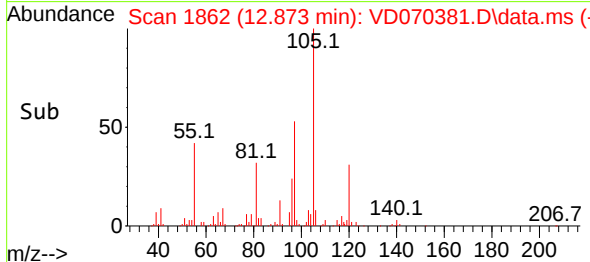
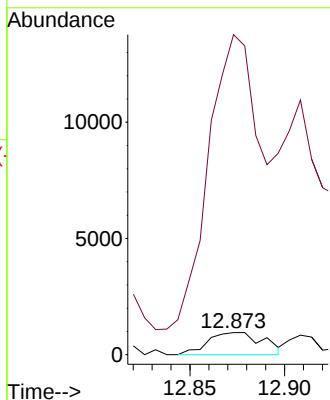
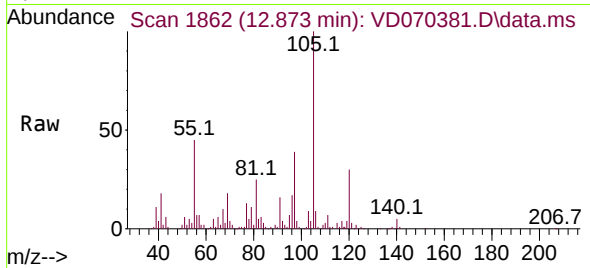




#76
1,2,3-Trichloropropane
Concen: 5.829 ug/l
RT: 12.873 min Scan# 1862
Delta R.T. 0.100 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

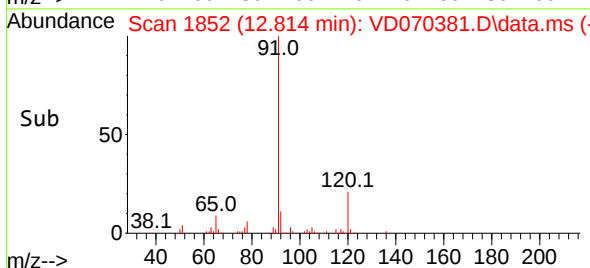
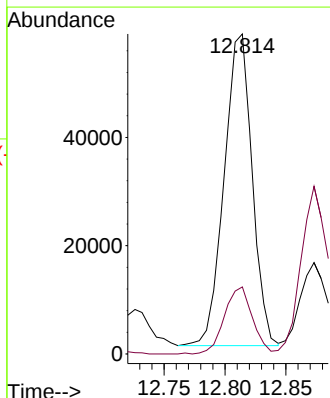
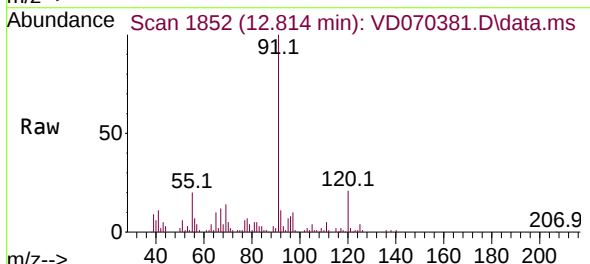
Instrument :
MSVOA_D
ClientSampleId :
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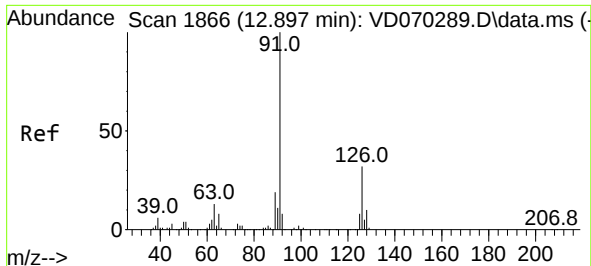
Tgt Ion: 75 Resp: 1934
Ion Ratio Lower Upper
75 100
77 1217.7 174.9 524.7#



#78
n-propylbenzene
Concen: 30.835 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 91 Resp: 92061
Ion Ratio Lower Upper
91 100
120 21.5 11.0 33.0

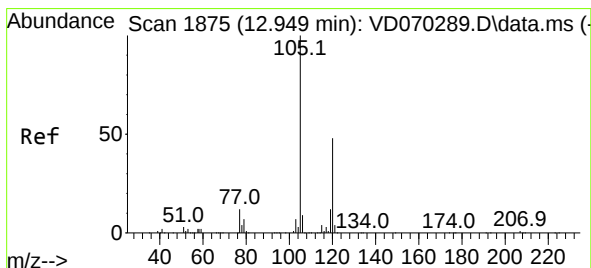
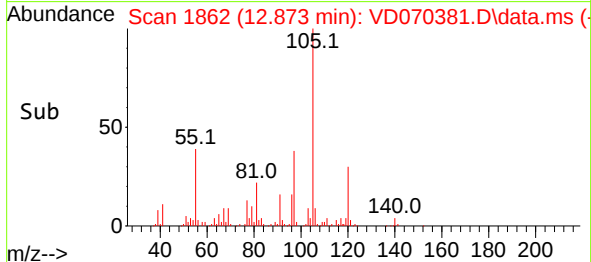
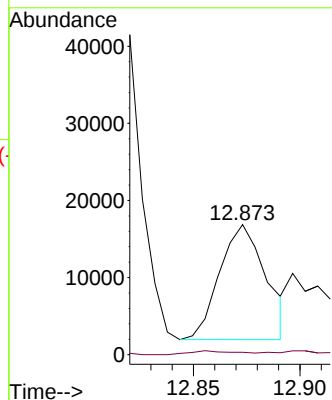
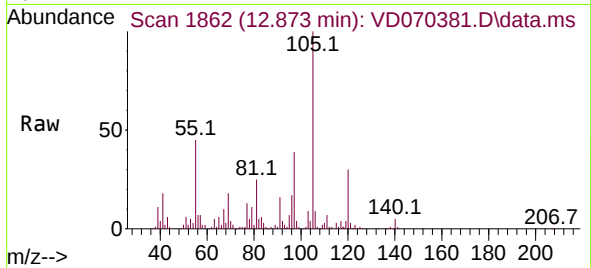




#79
2-Chlorotoluene
Concen: 12.918 ug/l
RT: 12.873 min Scan# 1862
Delta R.T. -0.023 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

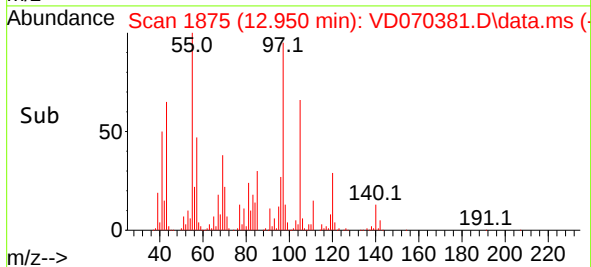
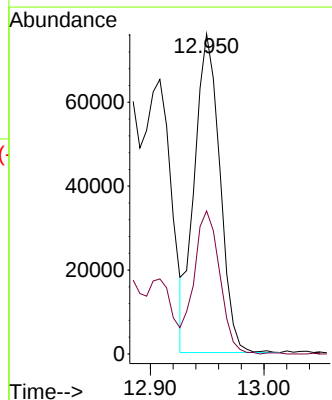
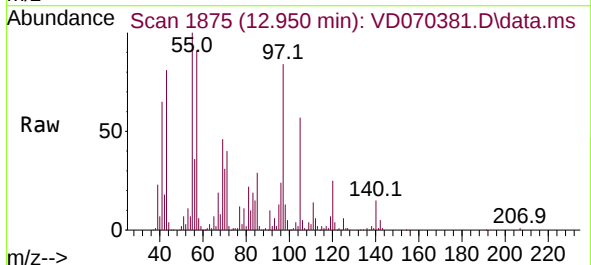
Instrument :
MSVOA_D
ClientSampleId :
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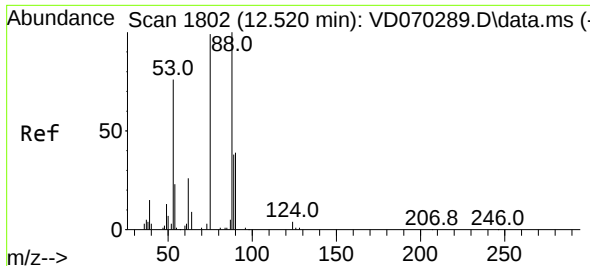
Tgt Ion: 91 Resp: 22480
Ion Ratio Lower Upper
91 100
126 3.4 16.2 48.6#



#80
1,3,5-Trimethylbenzene
Concen: 59.288 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 105 Resp: 117703
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.2

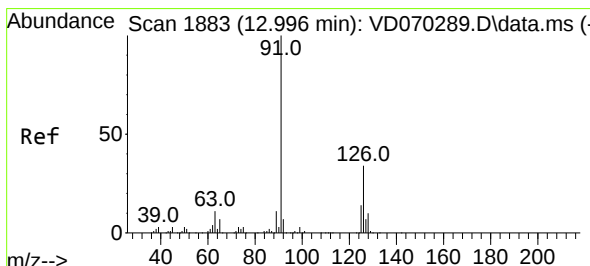
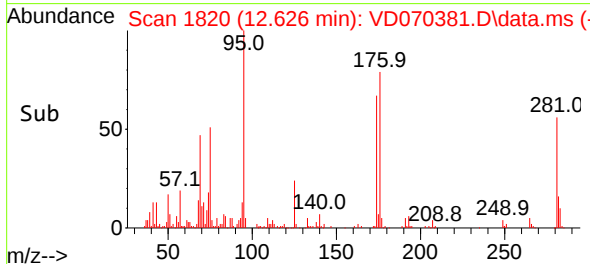
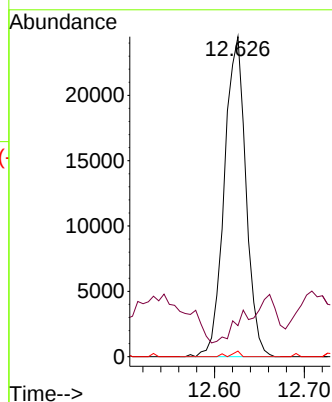
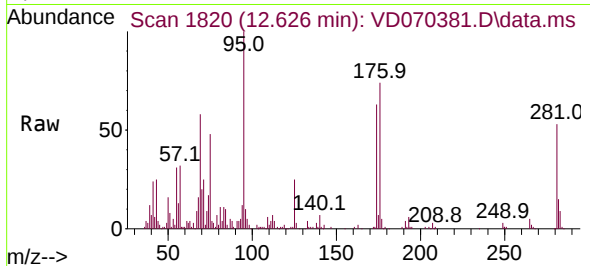




#81
trans-1,4-Dichloro-2-butene
Concen: 307.986 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

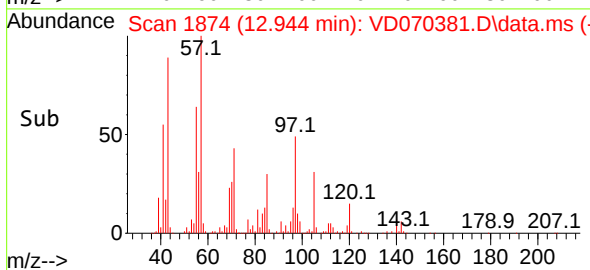
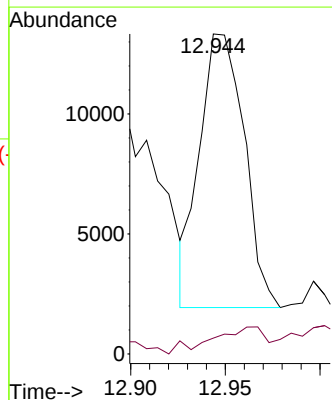
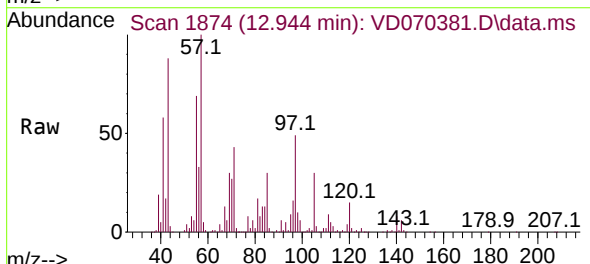
Instrument :
MSVOA_D
ClientSampleId :
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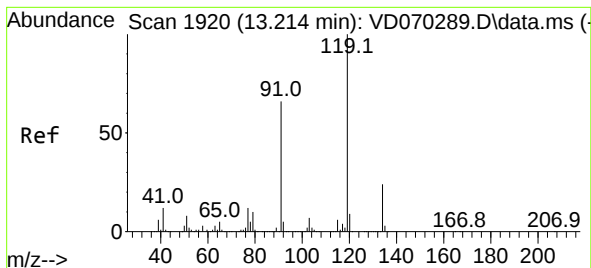
Tgt Ion: 75 Resp: 40783
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.7 35.6 53.4#



#82
4-Chlorotoluene
Concen: 10.183 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.053 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 91 Resp: 18695
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.5#

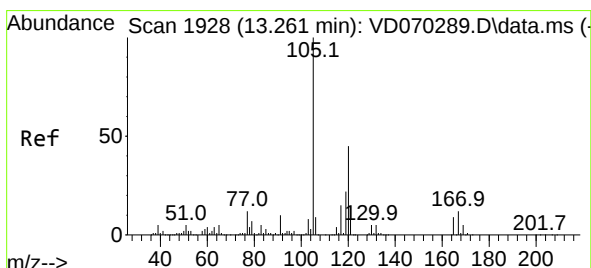
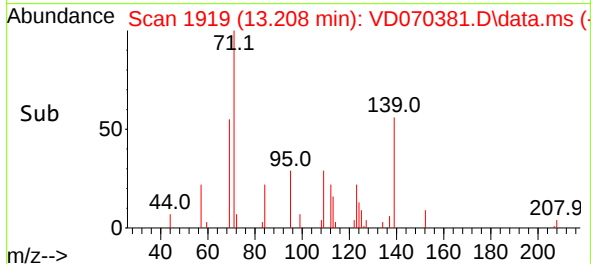
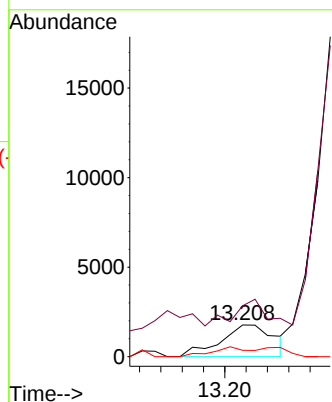
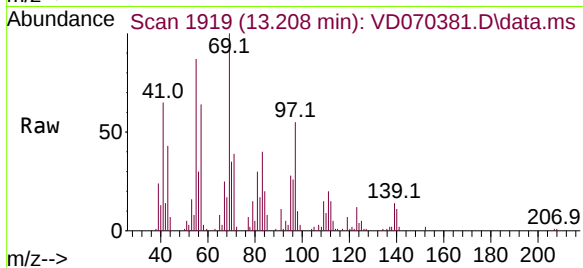




#83
tert-Butylbenzene
Concen: 1.933 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

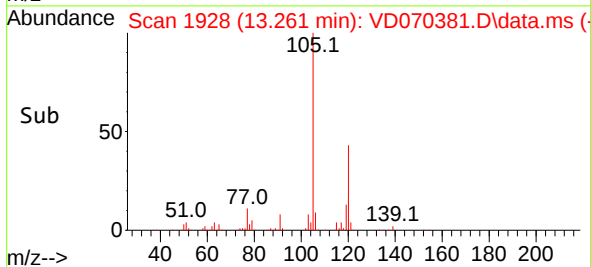
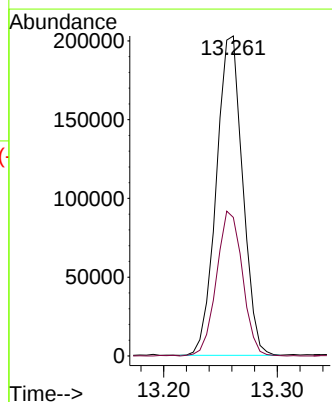
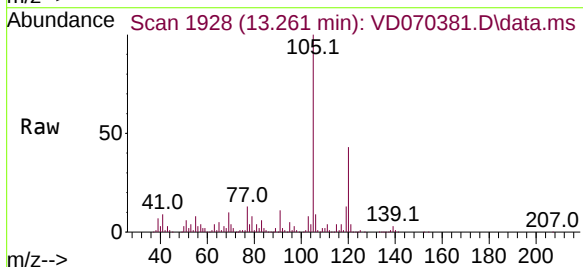
Instrument :
MSVOA_D
ClientSampleId :
20416

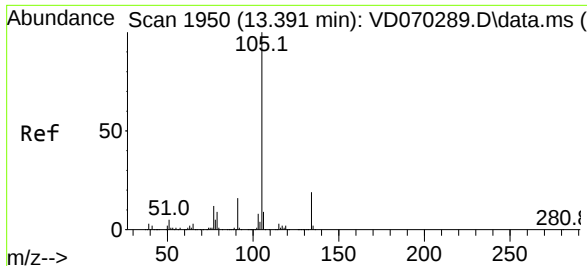
Tgt Ion:119 Resp: 3078
Ion Ratio Lower Upper
119 100
91 0.0 33.7 101.0#
134 0.0 13.2 39.5#



#84
1,2,4-Trimethylbenzene
Concen: 166.835 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion:105 Resp: 326159
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8

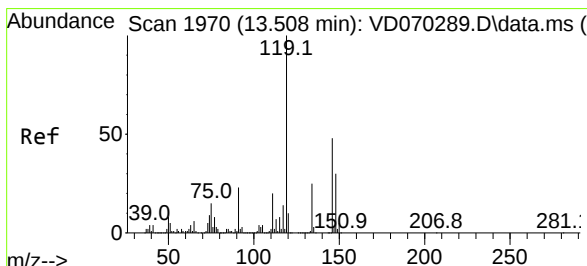
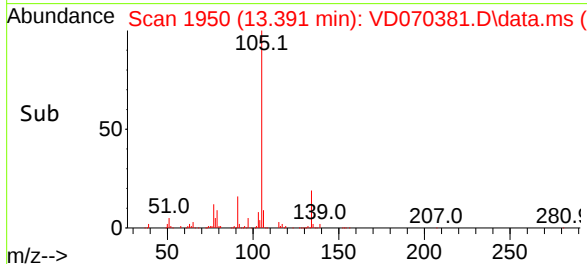
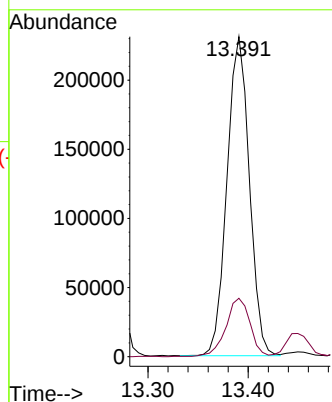
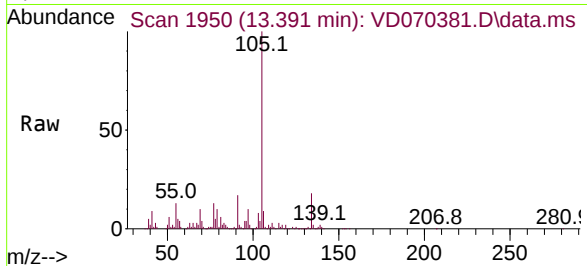




#85
sec-Butylbenzene
Concen: 141.507 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

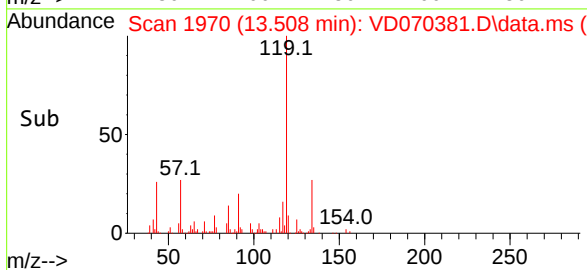
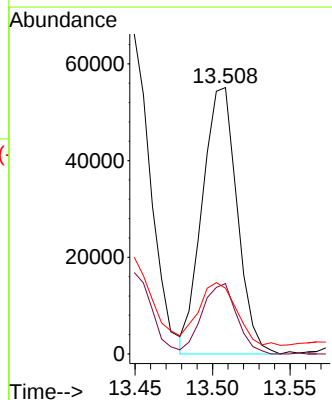
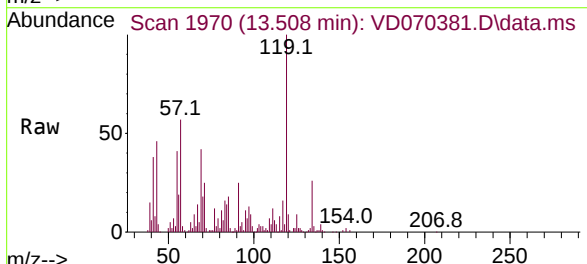
Instrument :
MSVOA_D
ClientSampleId :
20416

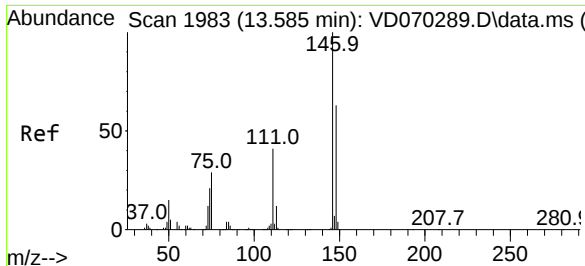
Tgt Ion:105 Resp: 358141
Ion Ratio Lower Upper
105 100
134 19.9 9.8 29.3



#86
p-Isopropyltoluene
Concen: 42.389 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion:119 Resp: 86198
Ion Ratio Lower Upper
119 100
134 26.3 12.7 38.0
91 25.5 11.8 35.3

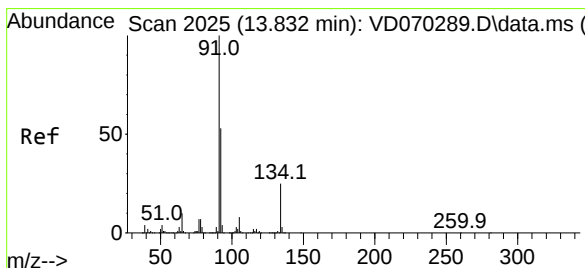
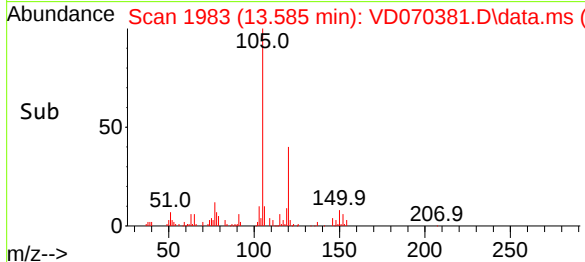
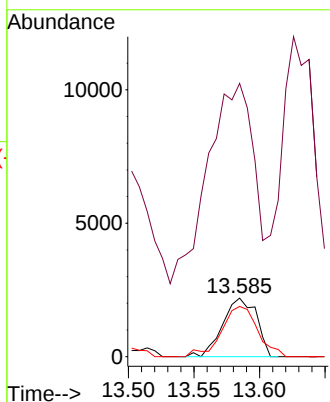
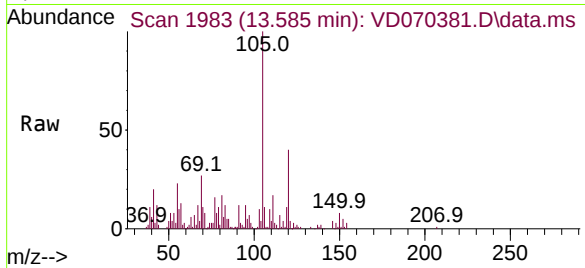




#88
1,4-Dichlorobenzene
Concen: 3.541 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

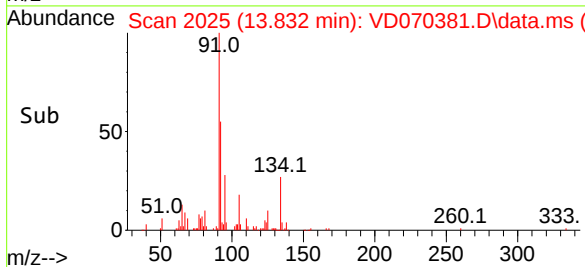
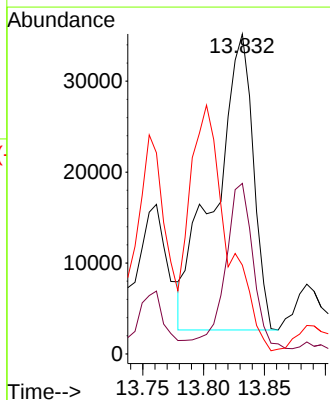
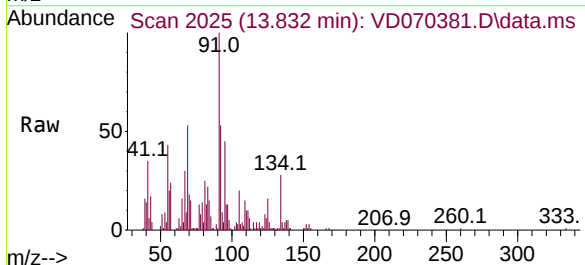
Instrument :
MSVOA_D
ClientSampleId :
20416

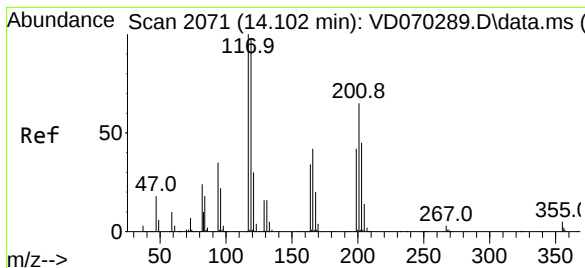
Tgt Ion:146 Resp: 3927
Ion Ratio Lower Upper
146 100
111 461.0 20.9 62.8#
148 91.4 31.9 95.5



#89
n-Butylbenzene
Concen: 35.119 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 91 Resp: 71201
Ion Ratio Lower Upper
91 100
92 41.7 26.8 80.4
134 0.0 12.1 36.3#

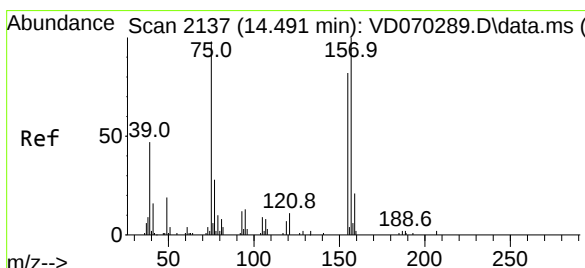
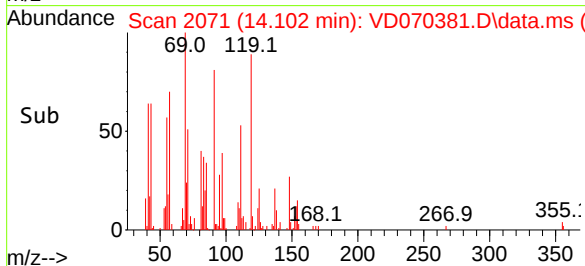
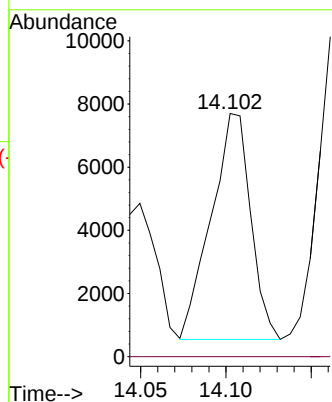
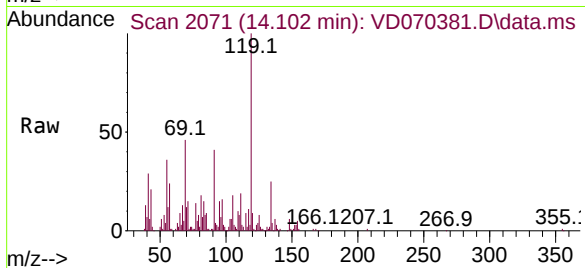




#90
Hexachloroethane
Concen: 24.767 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

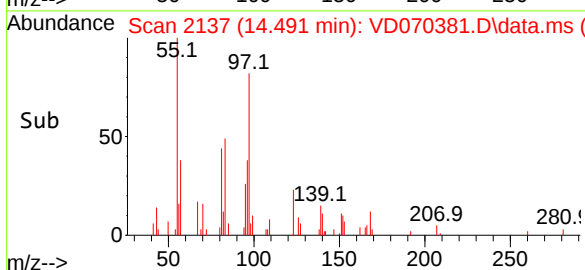
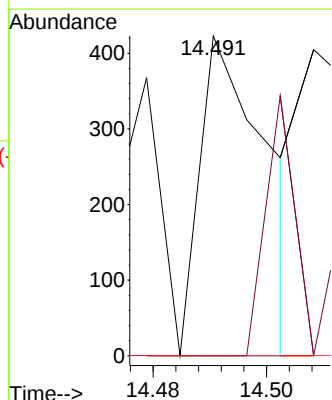
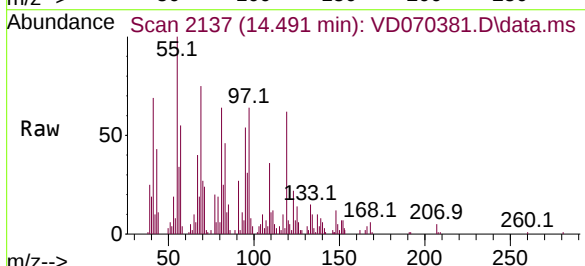
Instrument :
MSVOA_D
ClientSampled :
20416

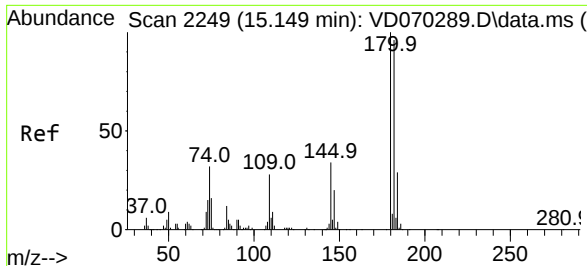
Tgt Ion:117 Resp: 11529
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.771 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion: 75 Resp: 352
Ion Ratio Lower Upper
75 100
155 34.4 40.3 120.9#
157 0.0 48.9 146.6#

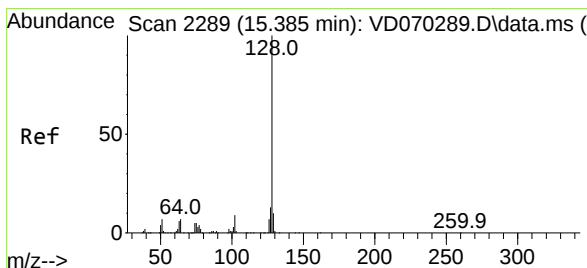
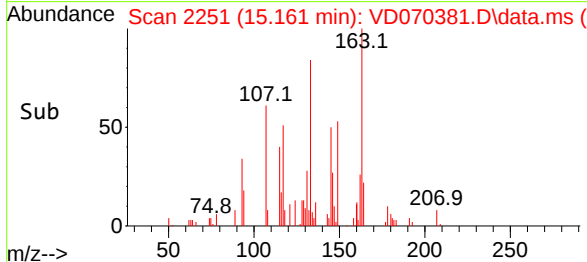
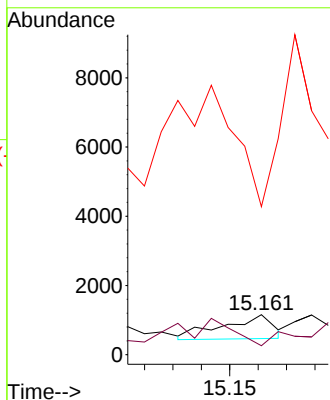
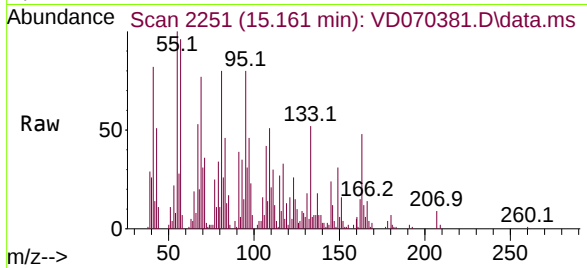




#93
1,2,4-Trichlorobenzene
Concen: 1.615 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.012 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

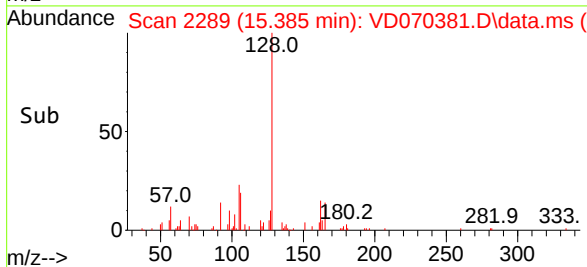
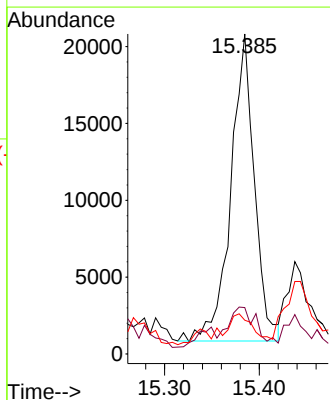
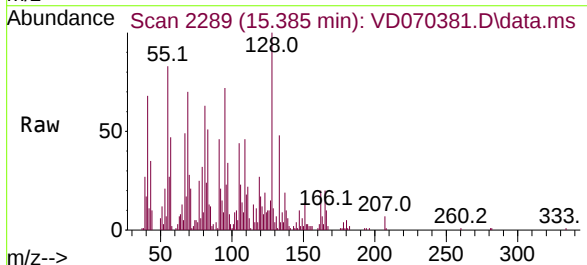
Instrument :
MSVOA_D
ClientSampled :
20416

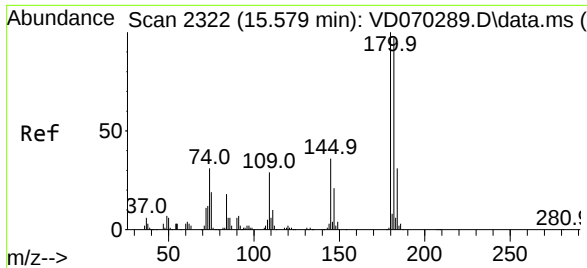
Tgt Ion:180 Resp: 850
Ion Ratio Lower Upper
180 100
182 0.0 48.1 144.4#
145 1570.6 16.8 50.4#



#95
Naphthalene
Concen: 36.224 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070381.D
Acq: 20 Sep 2021 13:51

Tgt Ion:128 Resp: 34657
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.4 9.0 13.4





#96
 1,2,3-Trichlorobenzene
 Concen: 10.252 ug/l
 RT: 15.596 min Scan# 2325
 Delta R.T. 0.018 min
 Lab File: VD070381.D
 Acq: 20 Sep 2021 13:51

Instrument :
 MSVOA_D
 ClientSampleId :
 20416

Tgt Ion:180 Resp: 4762
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.6#
 145 0.0 17.7 53.1#

