

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082622\
 Data File : VD074236.D
 Acq On : 26 Aug 2022 14:59
 Operator : VA/SY
 Sample : N4326-01RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-082322

Quant Time: Aug 26 15:59:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

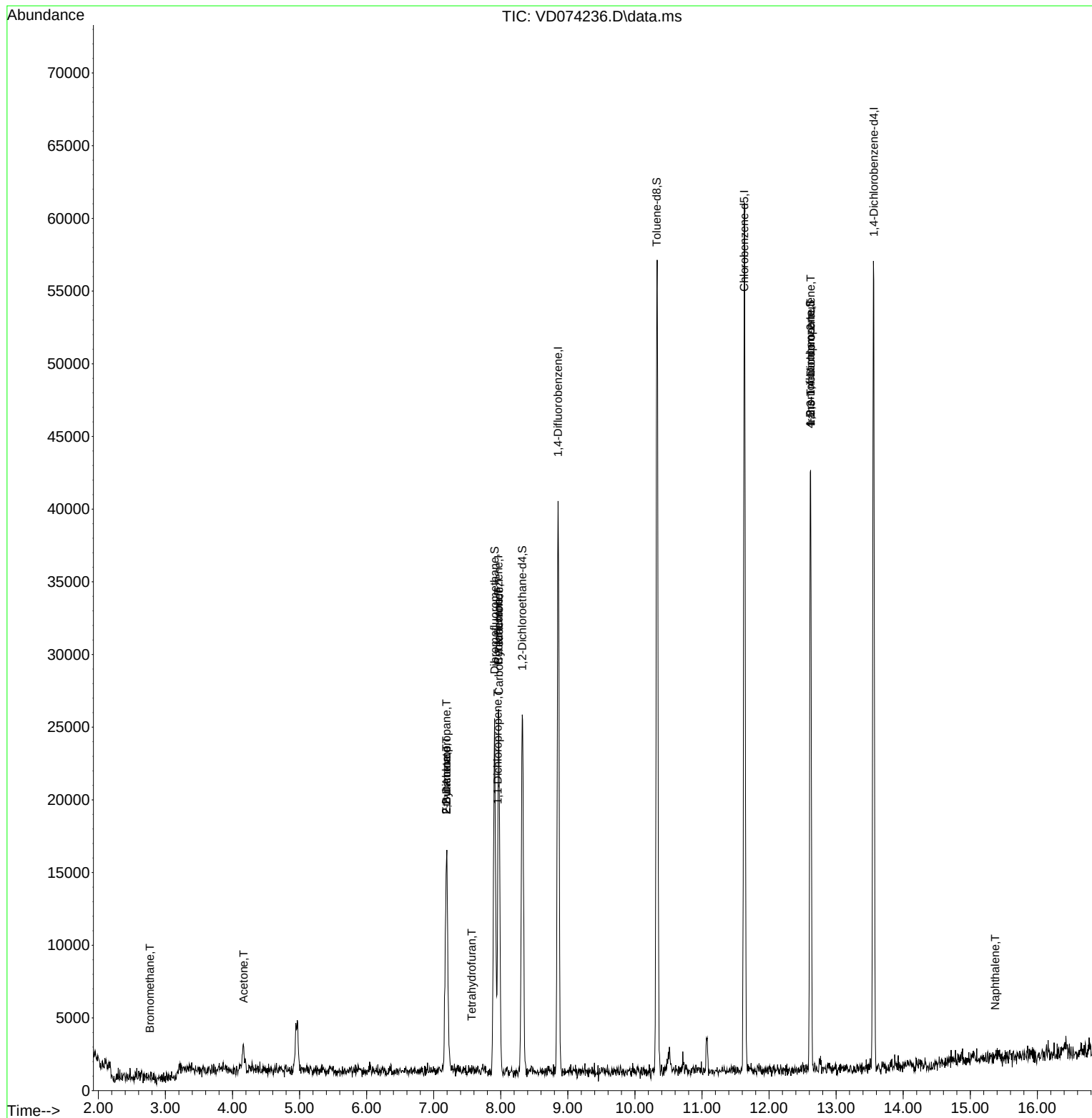
Internal Standards						
1) Pentafluorobenzene	7.967	168	17762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	33013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	34183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	15292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	21433	118.088	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 236.180%#			
35) Dibromofluoromethane	7.908	113	16626	75.292	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 150.580%#			
50) Toluene-d8	10.326	98	38978	54.846	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.700%			
62) 4-Bromofluorobenzene	12.614	95	14887	53.024	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.040%			
Target Compounds						Qvalue
5) Bromomethane	2.767	94	116	1.611	ug/l #	1
16) Acetone	4.167	43	3087	89.273	ug/l #	84
18) Methyl Acetate	4.720	43	60	Below Cal	#	55
20) Methylene Chloride	4.944	84	1214	Below Cal	#	61
25) 2-Butanone	7.191	43	905	16.906	ug/l #	52
26) 2,2-Dichloropropane	7.191	77	456	1.364	ug/l #	54
29) Tetrahydrofuran	7.567	42	69	2.136	ug/l #	38
31) Cyclohexane	7.967	56	468	1.449	ug/l #	23
36) 1,1-Dichloropropene	7.955	75	1550	4.644	ug/l #	43
37) Ethyl Acetate	7.191	43	905	6.877	ug/l #	1
38) Carbon Tetrachloride	7.973	117	1818	5.071	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	7680	51.435	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	7680	132.272	ug/l #	7
95) Naphthalene	15.373	128	325	3.958	ug/l #	70

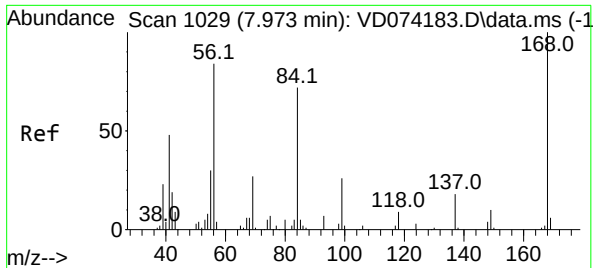
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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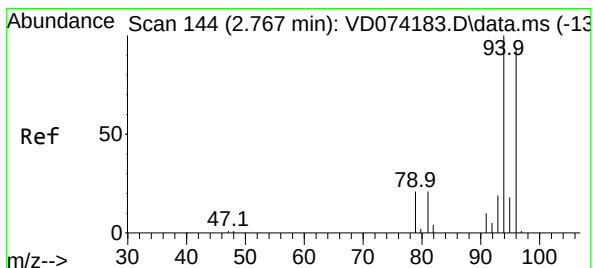
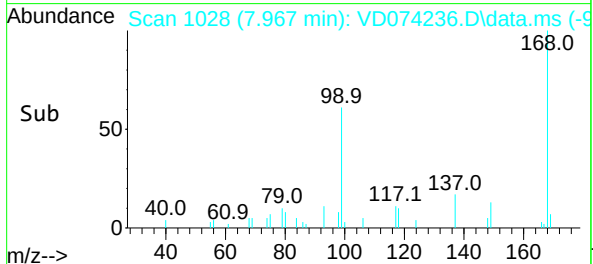
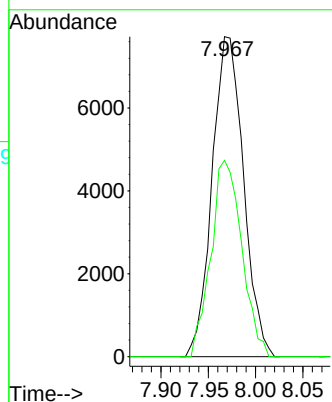
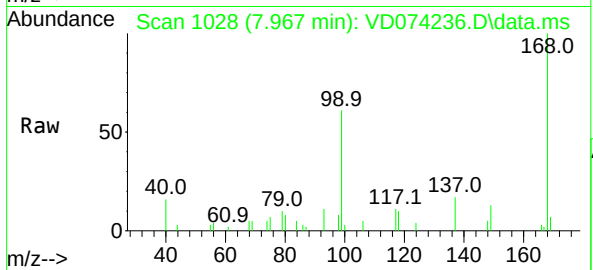




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

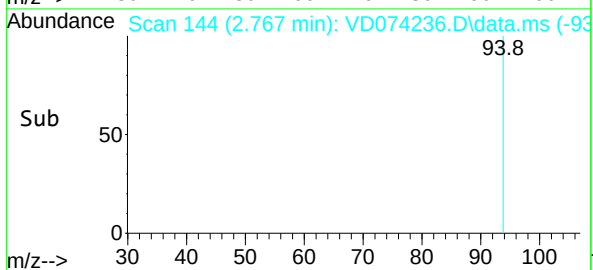
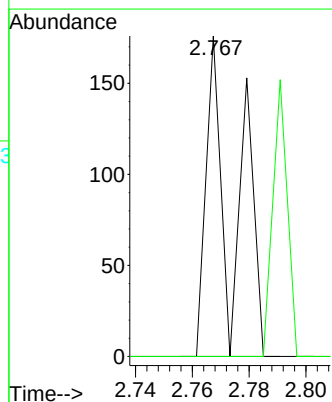
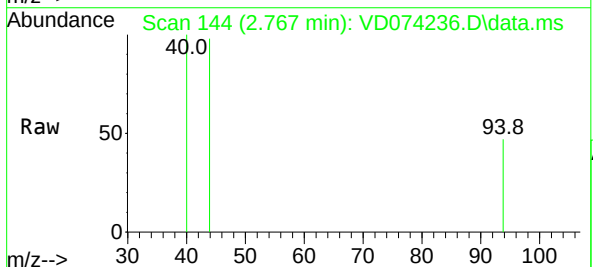
Instrument :
MSVOA_D
ClientSampleId :
EO-02-082322

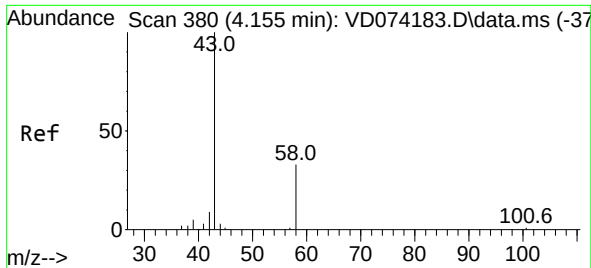
Tgt Ion:168 Resp: 17762
Ion Ratio Lower Upper
168 100
99 61.3 49.8 74.6



#5
Bromomethane
Concen: 1.611 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#

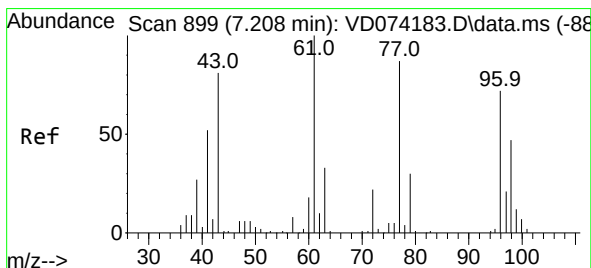
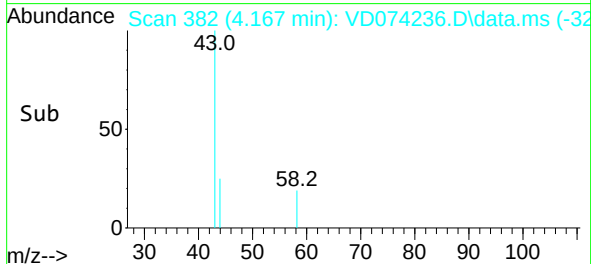
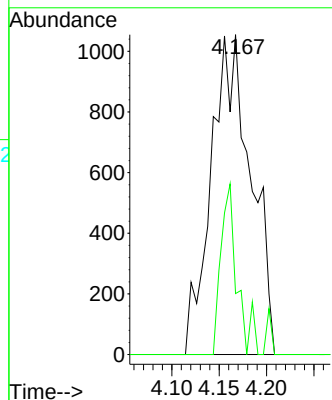
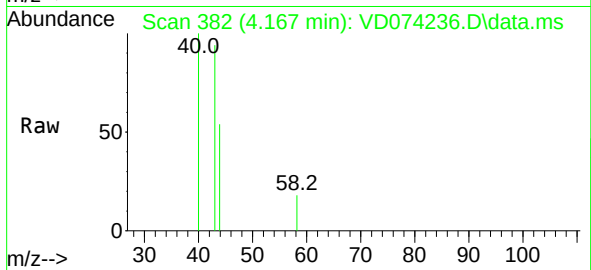




#16
Acetone
Concen: 89.273 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

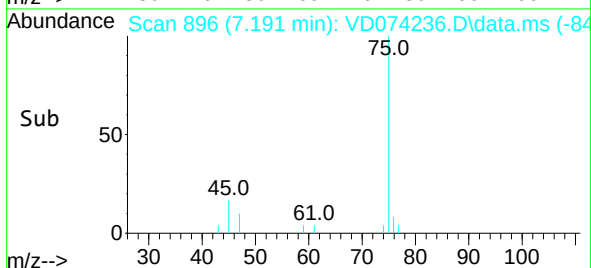
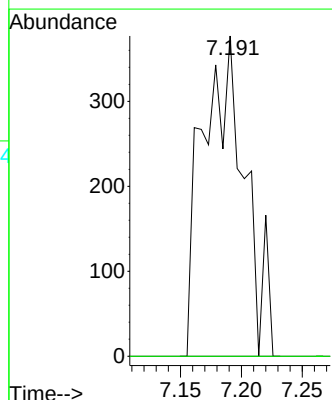
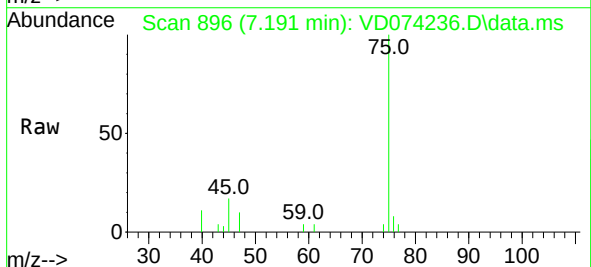
Instrument :
MSVOA_D
ClientSampleId :
EO-02-082322

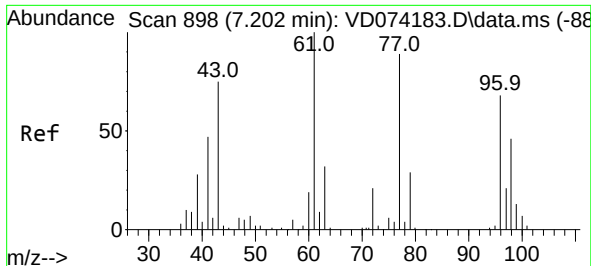
Tgt Ion: 43 Resp: 3087
Ion Ratio Lower Upper
43 100
58 19.1 22.1 33.1#



#25
2-Butanone
Concen: 16.906 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.017 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#

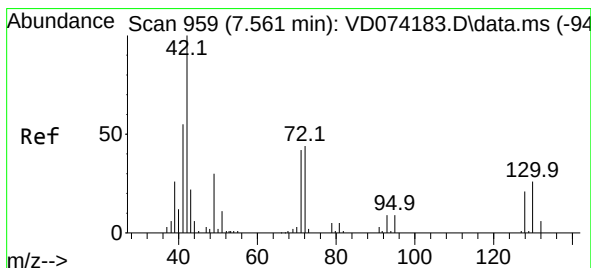
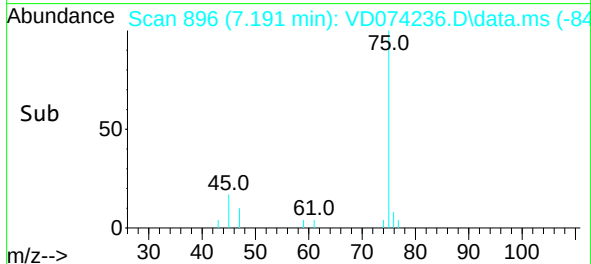
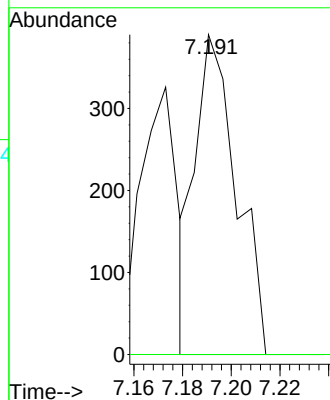
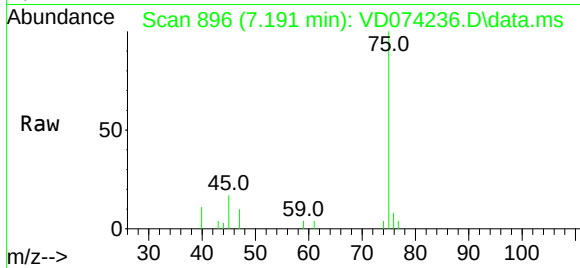




#26
2,2-Dichloropropane
Concen: 1.364 ug/l
RT: 7.191 min Scan# 89
Delta R.T. -0.011 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

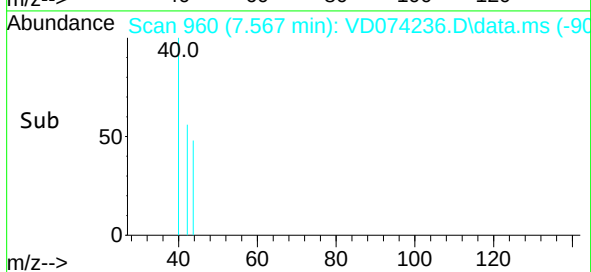
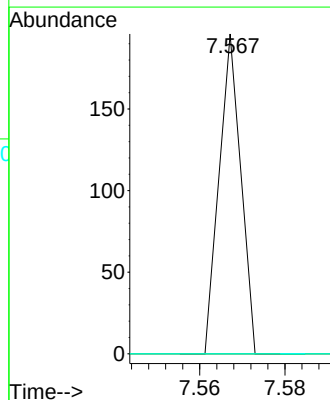
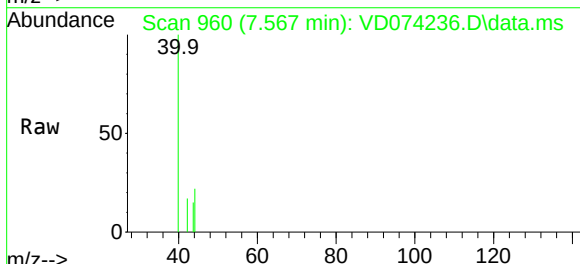
Instrument :
MSVOA_D
ClientSampleId :
EO-02-082322

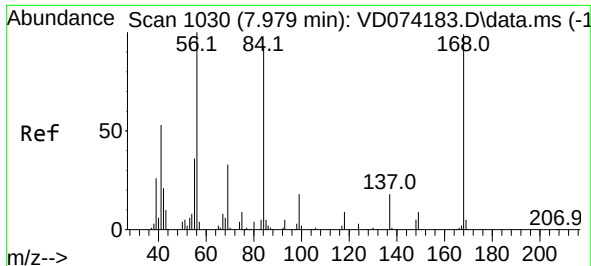
Tgt Ion: 77 Resp: 456
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



#29
Tetrahydrofuran
Concen: 2.136 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

Tgt Ion: 42 Resp: 69
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#

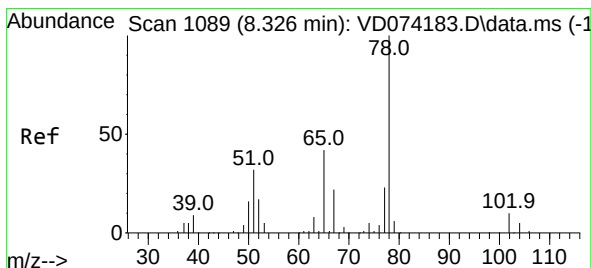
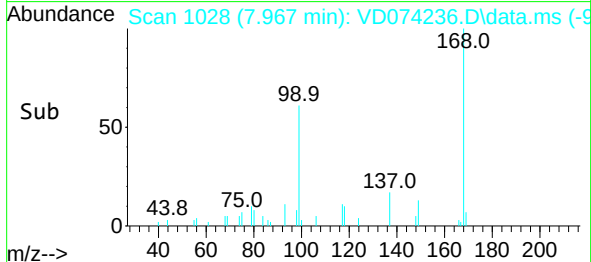
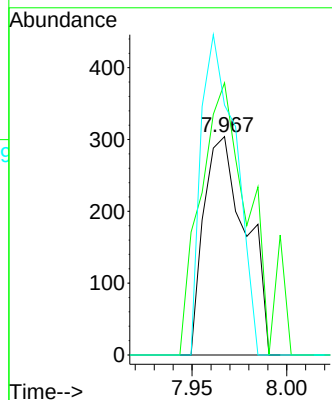
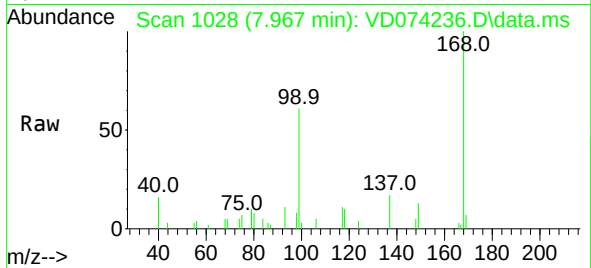




#31
Cyclohexane
Concen: 1.449 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

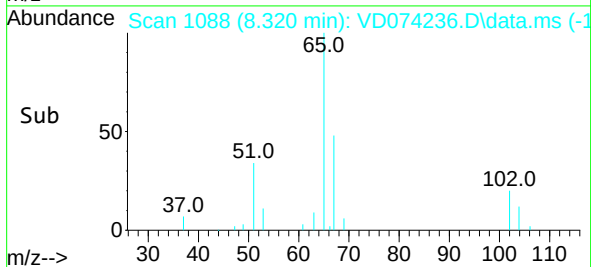
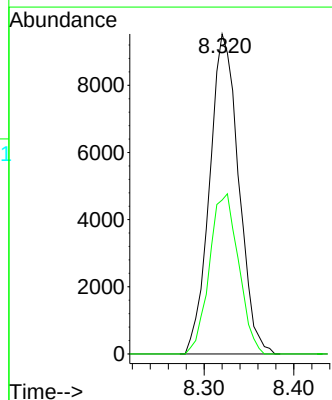
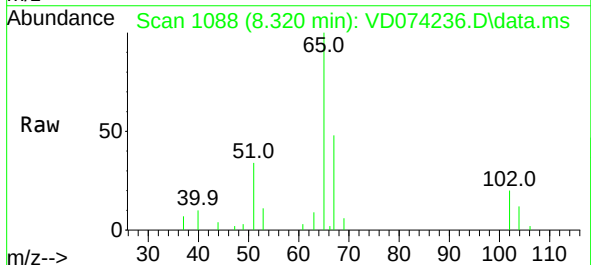
Instrument :
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EO-02-082322

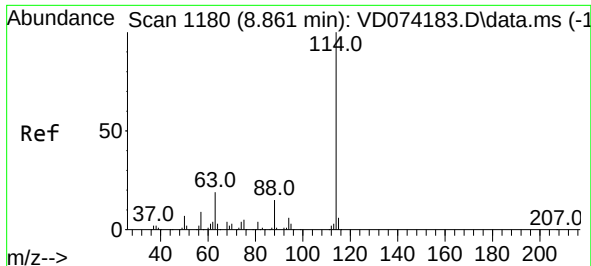
Tgt Ion: 56 Resp: 468
Ion Ratio Lower Upper
56 100
69 124.7 25.4 38.2#
84 114.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 118.088 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

Tgt Ion: 65 Resp: 21433
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.4

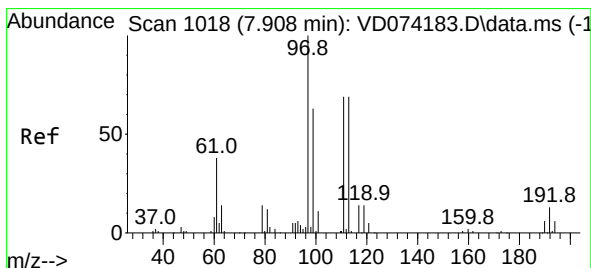
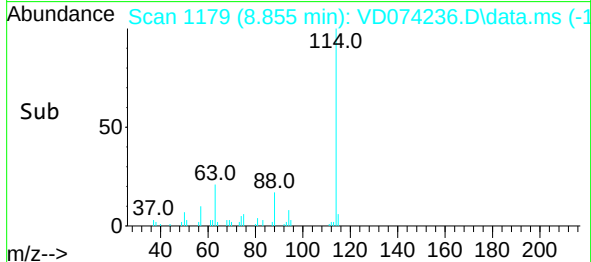
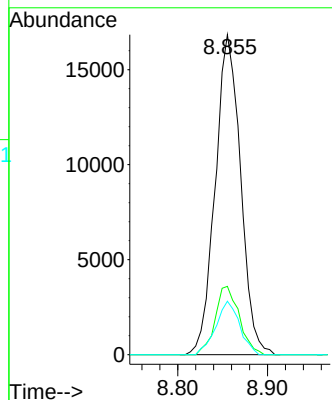
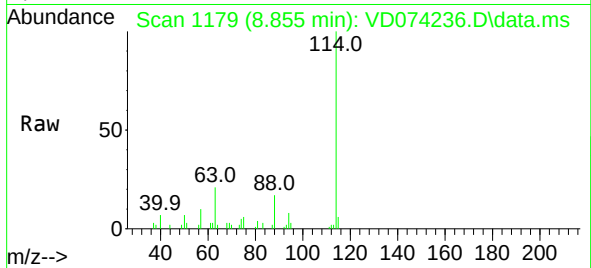




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

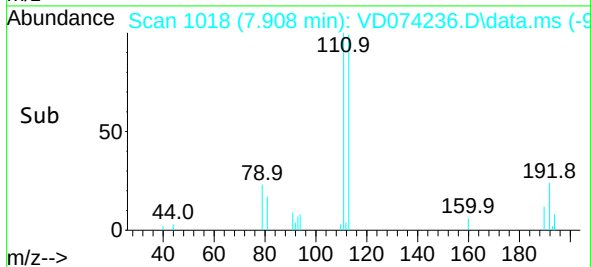
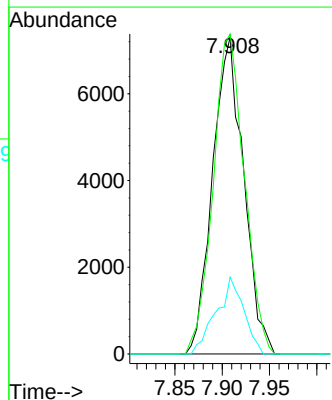
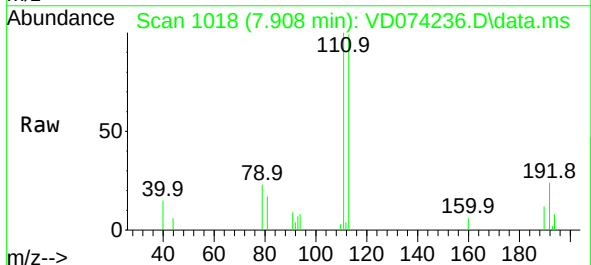
Instrument :
MSVOA_D
ClientSampleId :
EO-02-082322

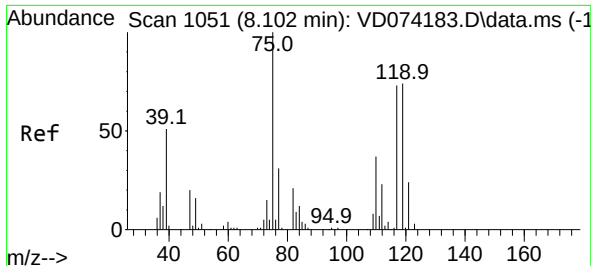
Tgt Ion:	114	Resp:	33013
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	46.6
88	16.7	0.0	33.2



#35
Dibromofluoromethane
Concen: 75.292 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

Tgt Ion:	113	Resp:	16626
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.8	125.6
192	21.6	14.6	21.8

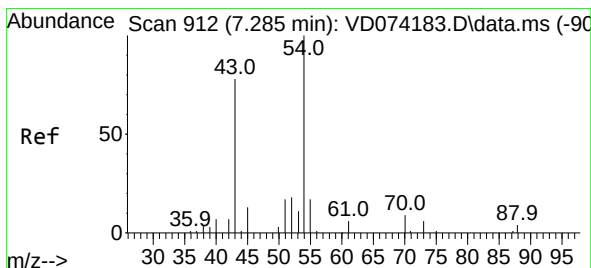
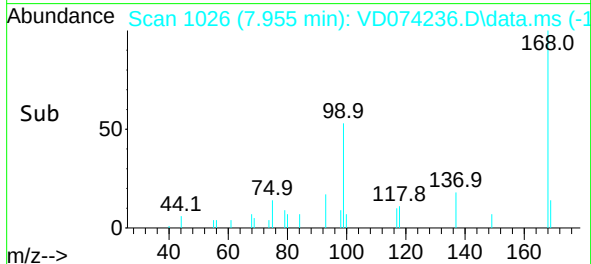
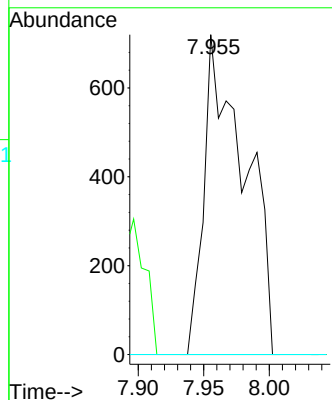
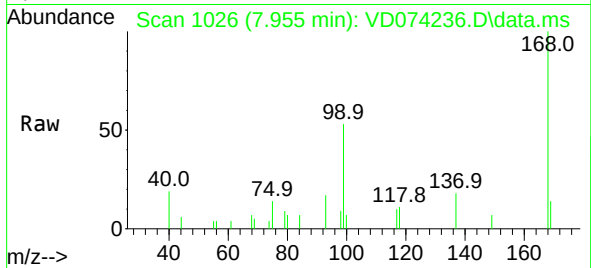




#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 7.955 min Scan# 1051
Delta R.T. -0.147 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

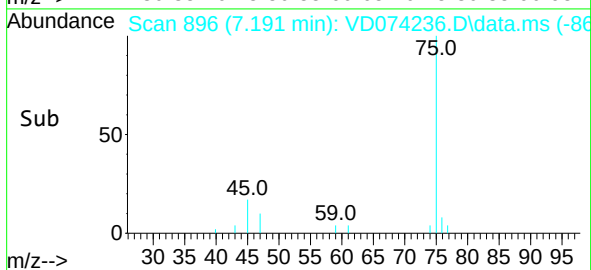
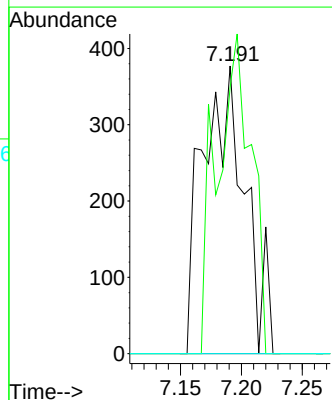
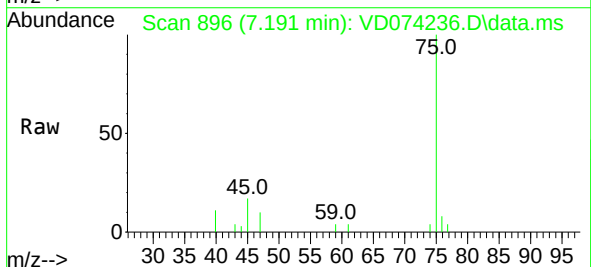
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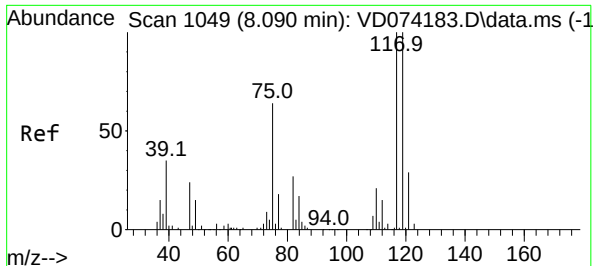
Tgt Ion: 75 Resp: 1550
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#



#37
Ethyl Acetate
Concen: 6.877 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.094 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
61 90.5 9.8 14.8#
70 0.0 6.9 10.3#

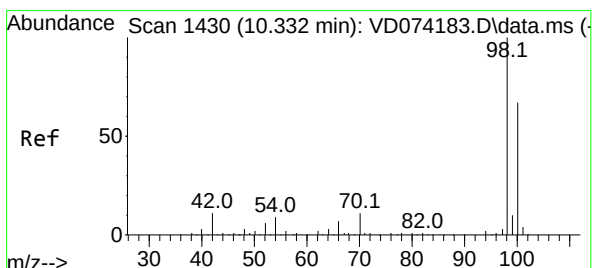
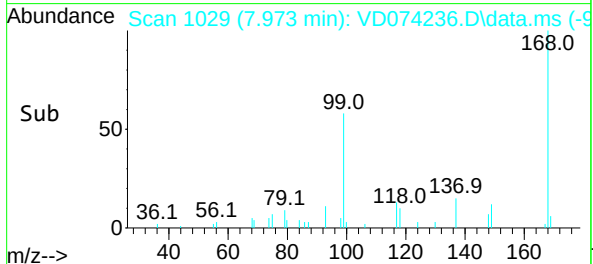
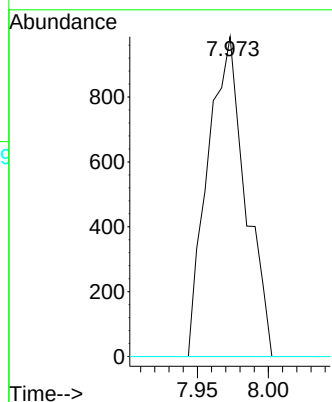
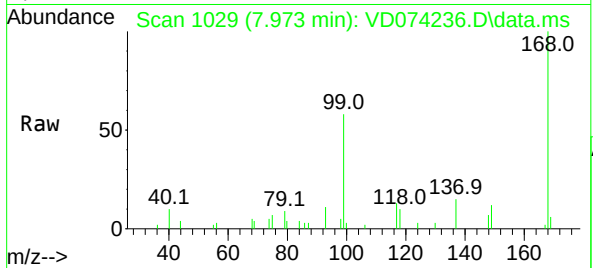




#38
Carbon Tetrachloride
Concen: 5.071 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.117 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

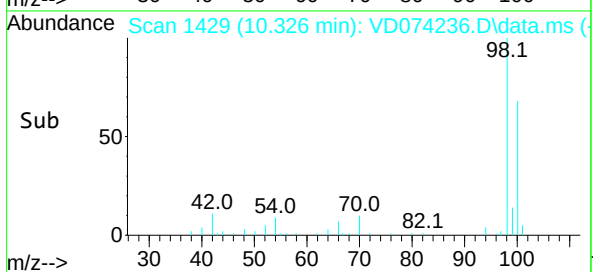
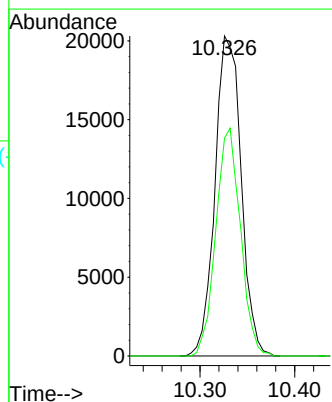
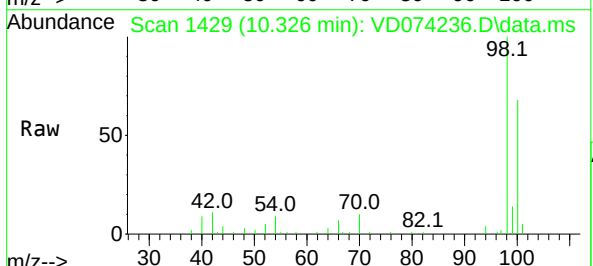
Instrument :
MSVOA_D
ClientSampleId :
EO-02-082322

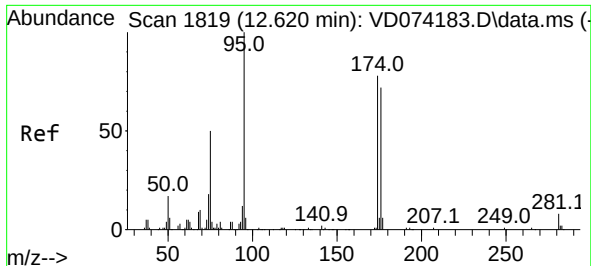
Tgt Ion:117 Resp: 1818
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 54.846 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

Tgt Ion: 98 Resp: 38978
Ion Ratio Lower Upper
98 100
100 67.1 52.4 78.6

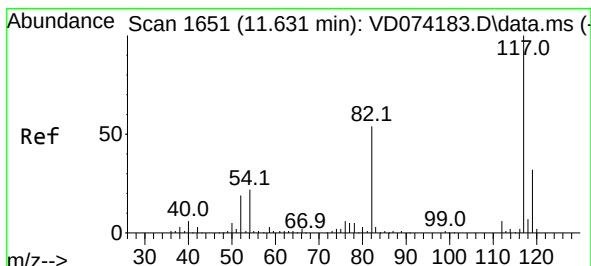
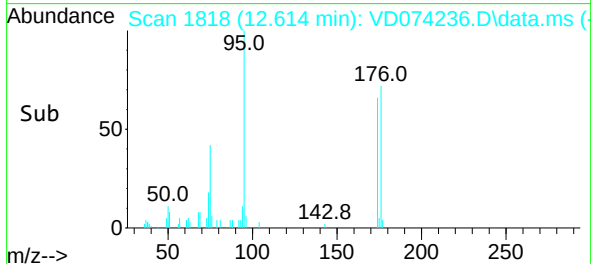
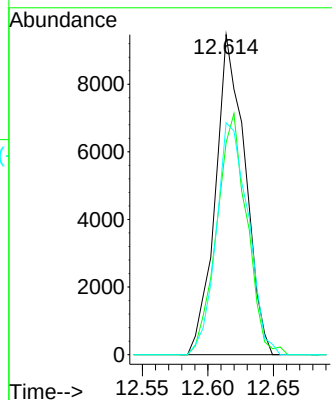
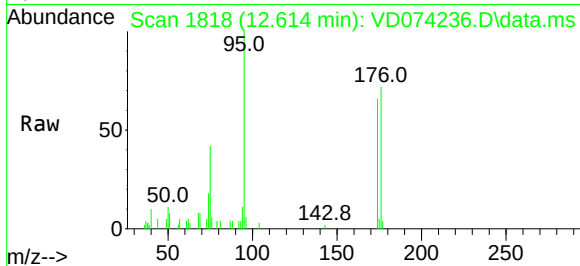




#62
4-Bromofluorobenzene
Concen: 53.024 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

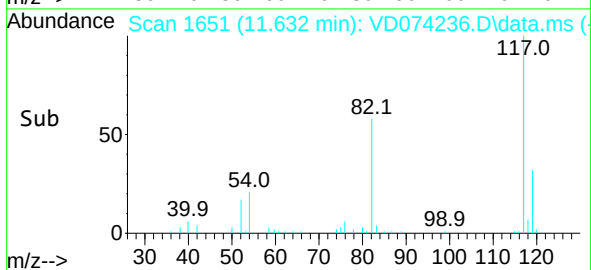
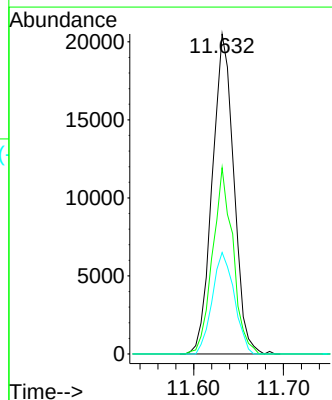
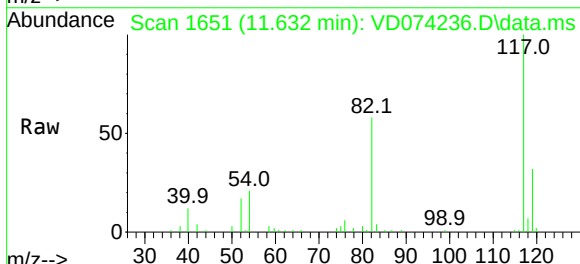
Instrument :
MSVOA_D
ClientSampleId :
EO-02-082322

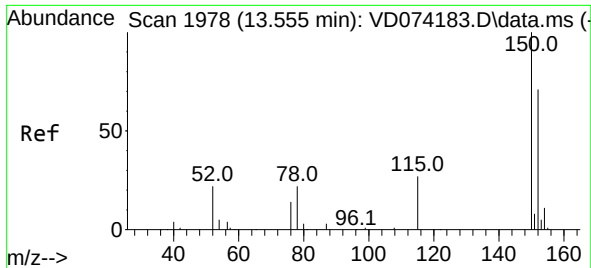
Tgt Ion:	95	Resp:	14887
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	152.8
176	77.8	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

Tgt Ion:	117	Resp:	34183
Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.3	67.9
119	31.7	26.6	40.0

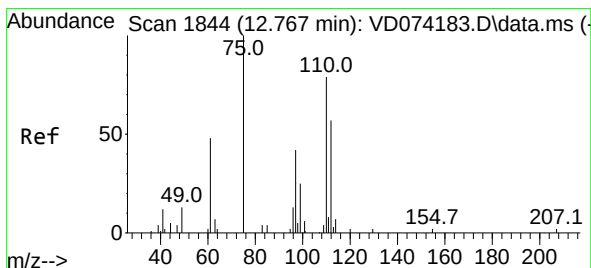
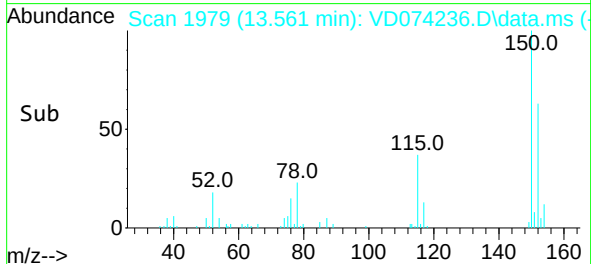
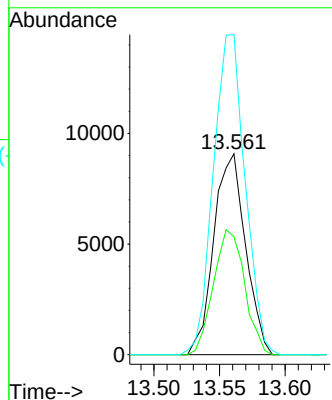
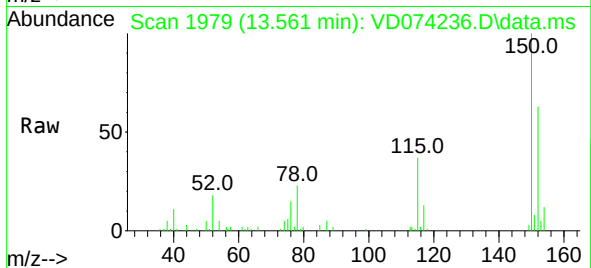




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1978
 Delta R.T. 0.006 min
 Lab File: VD074236.D
 Acq: 26 Aug 2022 14:59

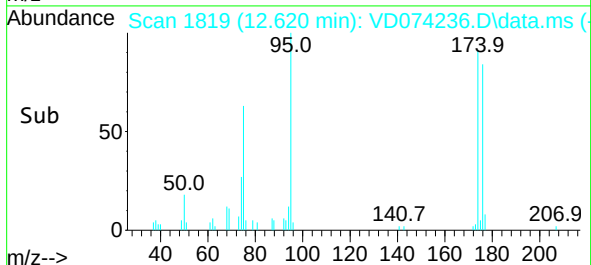
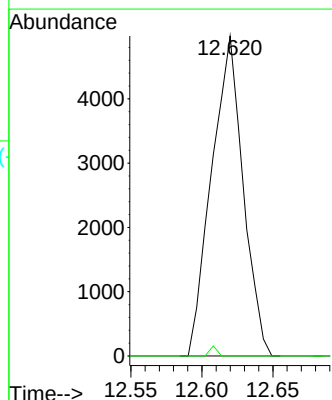
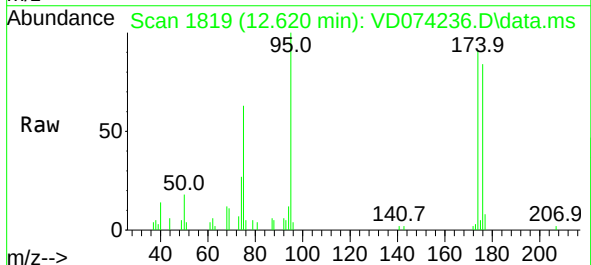
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-082322

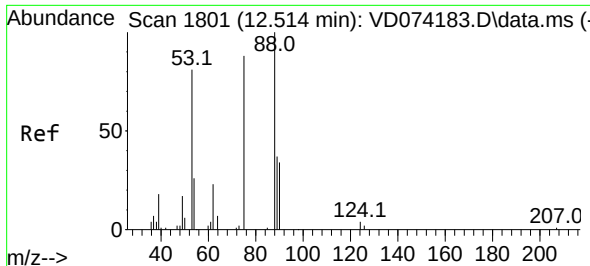
Tgt Ion:152 Resp: 15292
 Ion Ratio Lower Upper
 152 100
 115 60.9 31.3 93.8
 150 159.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 51.435 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD074236.D
 Acq: 26 Aug 2022 14:59

Tgt Ion: 75 Resp: 7680
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#

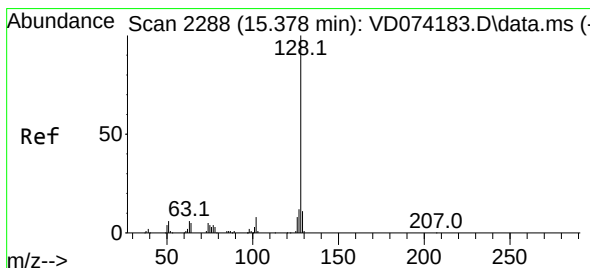
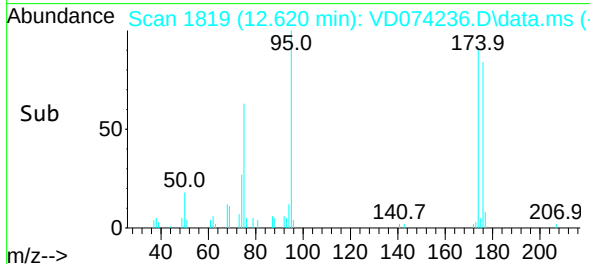
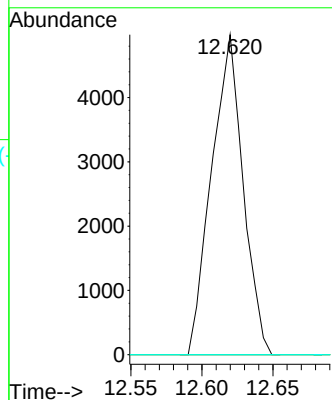
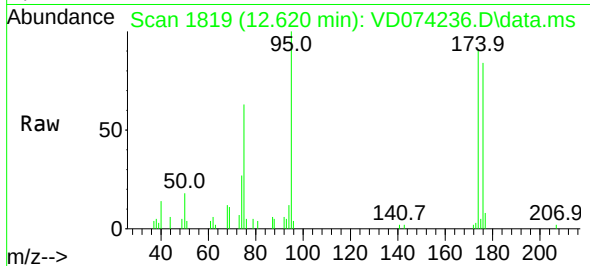




#81
trans-1,4-Dichloro-2-butene
Concen: 132.272 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

Instrument :
MSVOA_D
ClientSampleId :
EO-02-082322

Tgt Ion: 75 Resp: 7680
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.958 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.005 min
Lab File: VD074236.D
Acq: 26 Aug 2022 14:59

Tgt Ion: 128 Resp: 325
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

