

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073121.D
 Acq On : 19 May 2022 03:44
 Operator : VA/SY
 Sample : N2889-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-051722

Quant Time: May 19 04:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

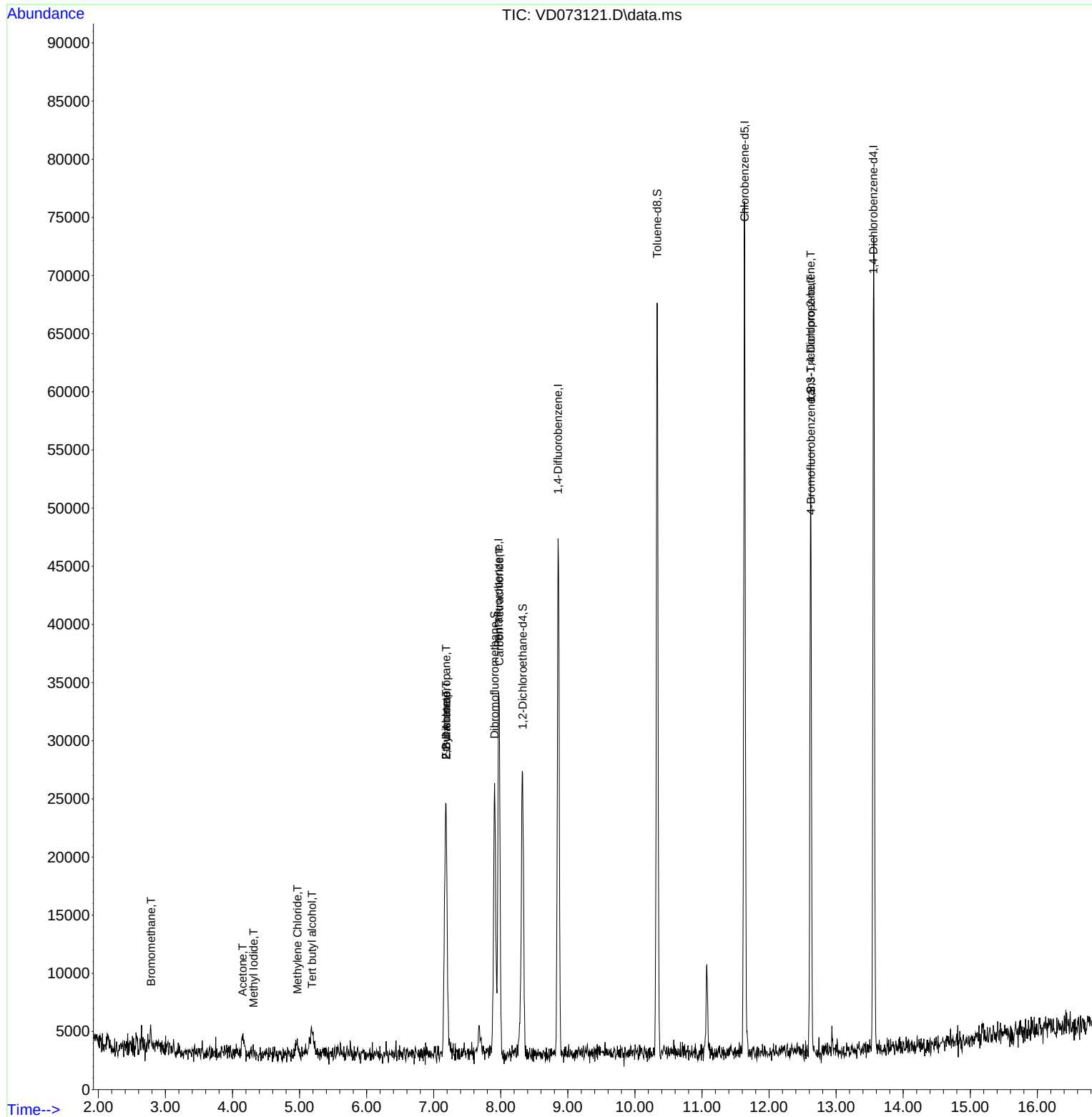
Internal Standards						
1) Pentafluorobenzene	7.967	168	23437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	36566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	40175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	18102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	19946	68.052	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.100%			
35) Dibromofluoromethane	7.908	113	16356	63.708	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 127.420%			
50) Toluene-d8	10.332	98	43187	46.369	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.740%			
62) 4-Bromofluorobenzene	12.626	95	17241	51.108	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.220%			
Target Compounds			Qvalue			
5) Bromomethane	2.785	94	653	3.309	ug/l #	58
10) Methyl Iodide	4.314	142	316	5.104	ug/l #	68
11) Tert butyl alcohol	5.185	59	2280	50.292	ug/l #	74
16) Acetone	4.150	43	2907	54.807	ug/l #	84
20) Methylene Chloride	4.967	84	555	1.442	ug/l #	76
25) 2-Butanone	7.185	43	1390	17.307	ug/l #	52
26) 2,2-Dichloropropane	7.185	77	1543	3.164	ug/l #	54
37) Ethyl Acetate	7.185	43	1390	7.912	ug/l #	35
38) Carbon Tetrachloride	7.979	117	2848	6.654	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	8340	40.756	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	8340	97.724	ug/l #	7

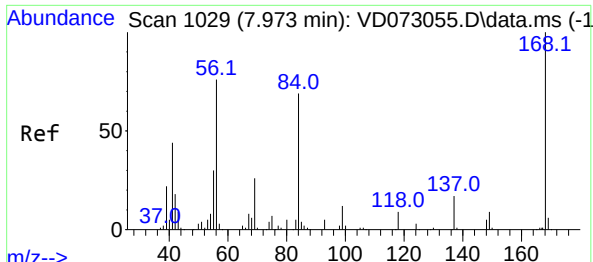
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EO-02-051722

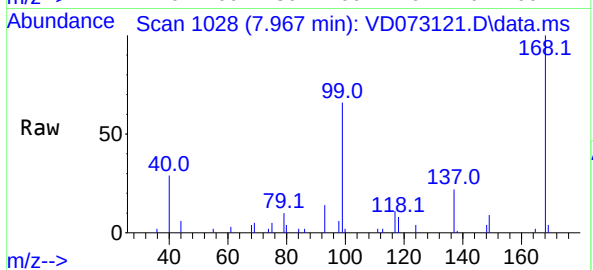
Quant Time: May 19 04:56:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
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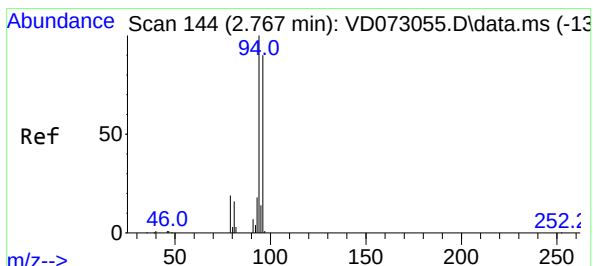
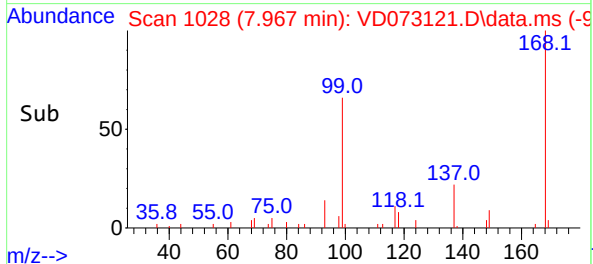
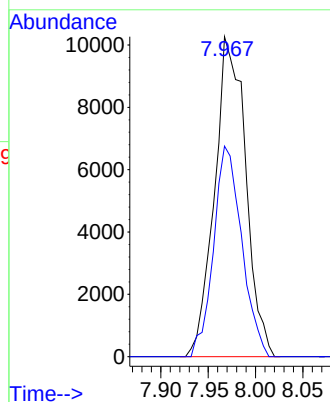


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

Instrument :
MSVOA_D
ClientSampleId :
EO-02-051722

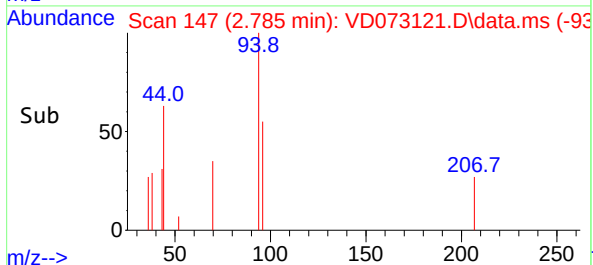
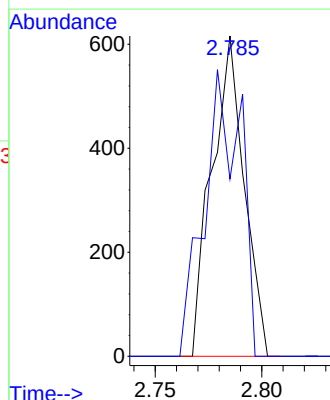
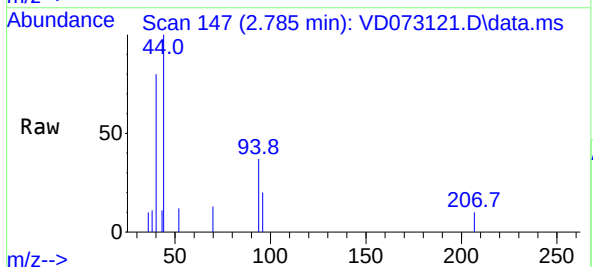


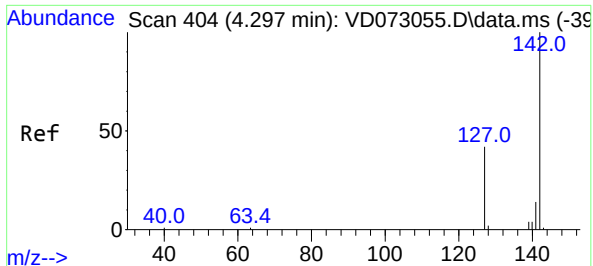
Tgt Ion:168 Resp: 23437
Ion Ratio Lower Upper
168 100
99 65.8 49.8 74.6



#5
Bromomethane
Concen: 3.309 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

Tgt Ion: 94 Resp: 653
Ion Ratio Lower Upper
94 100
96 55.4 77.6 116.4#

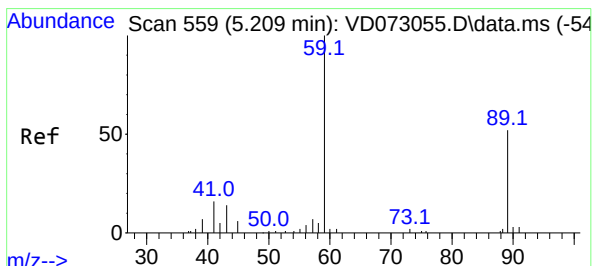
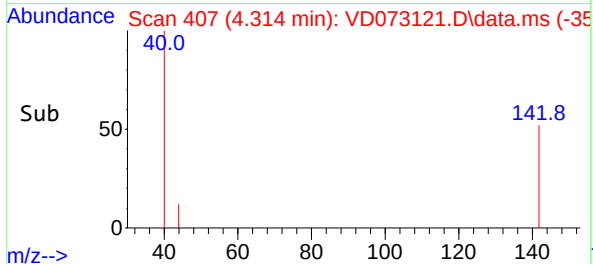
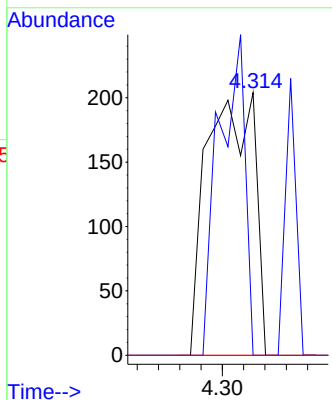
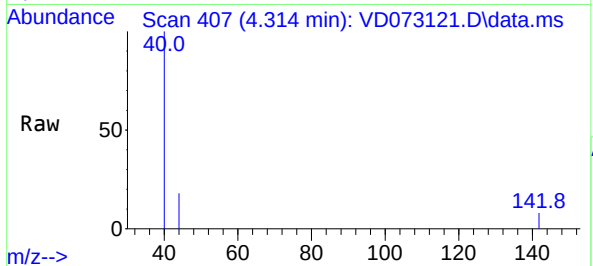




#10
Methyl Iodide
Concen: 5.104 ug/l
RT: 4.314 min Scan# 40
Delta R.T. 0.017 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

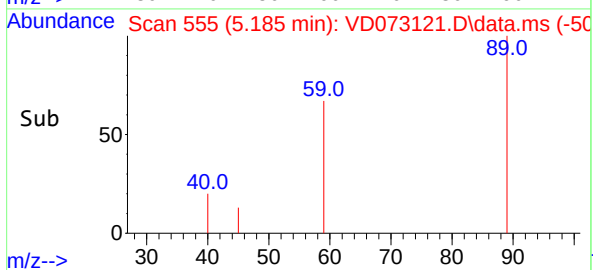
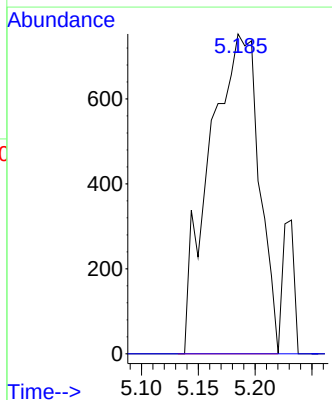
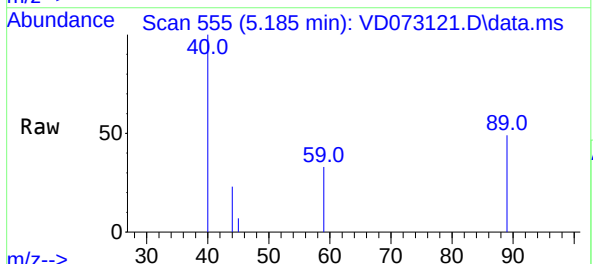
Instrument :
MSVOA_D
ClientSampleId :
EO-02-051722

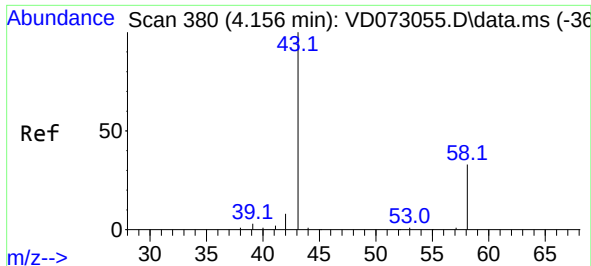
Tgt Ion:142 Resp: 316
Ion Ratio Lower Upper
142 100
127 67.1 37.3 55.9#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 50.292 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.024 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

Tgt Ion: 59 Resp: 2280
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

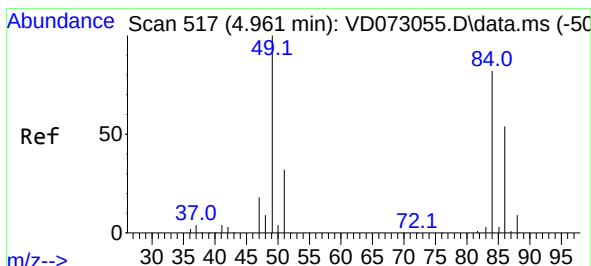
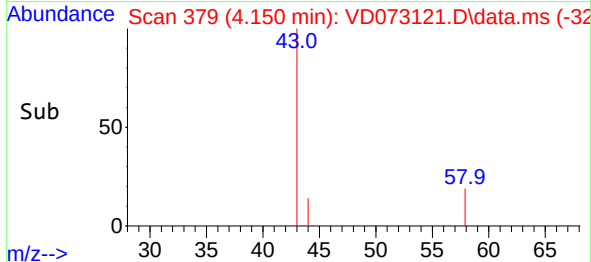
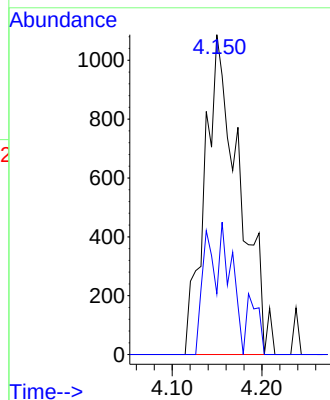
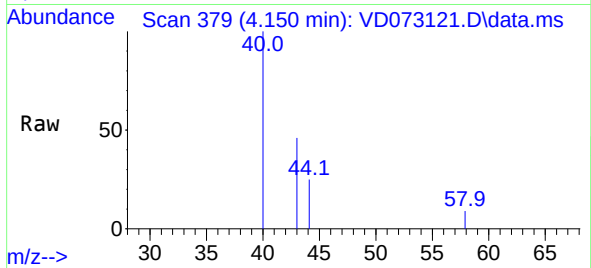




#16
Acetone
Concen: 54.807 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

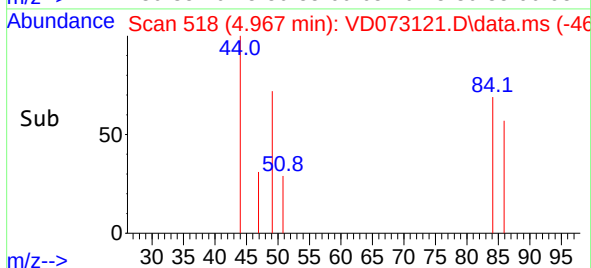
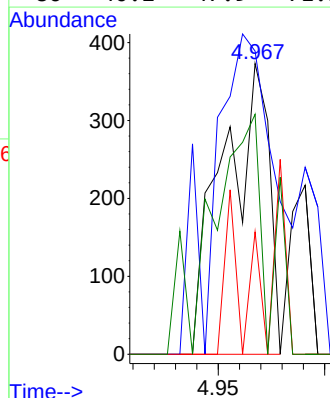
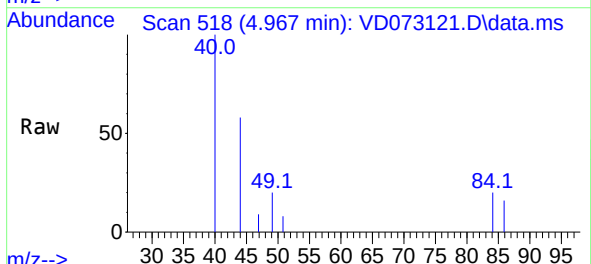
Instrument :
MSVOA_D
ClientSampleId :
EO-02-051722

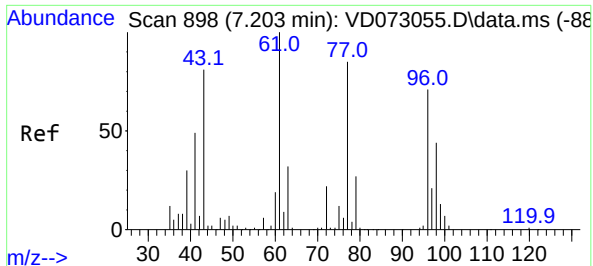
Tgt Ion: 43 Resp: 2907
Ion Ratio Lower Upper
43 100
58 19.0 22.1 33.1#



#20
Methylene Chloride
Concen: 1.442 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

Tgt Ion: 84 Resp: 555
Ion Ratio Lower Upper
84 100
49 104.3 112.8 169.2#
51 42.1 32.6 48.8
86 40.2 47.9 71.9#

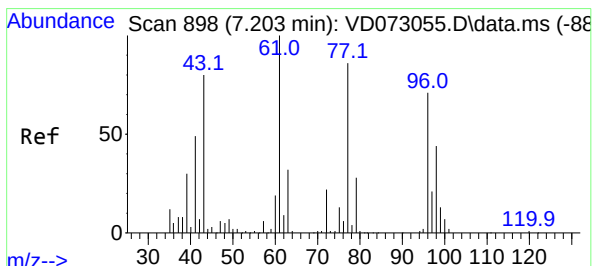
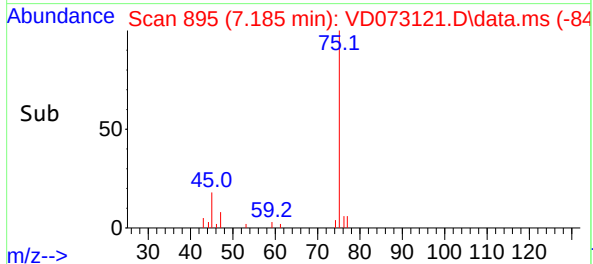
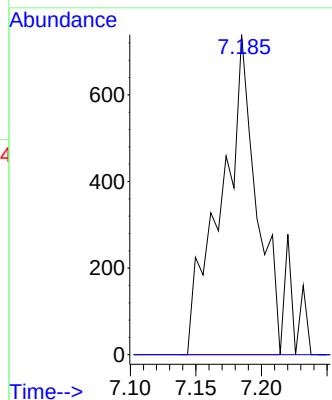
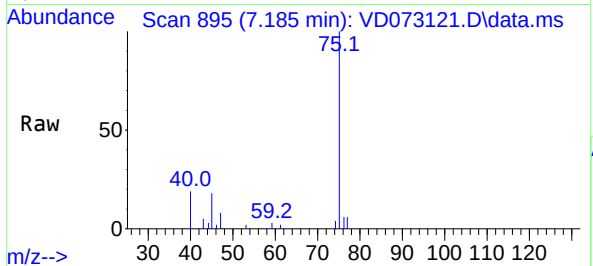




#25
2-Butanone
Concen: 17.307 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.018 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

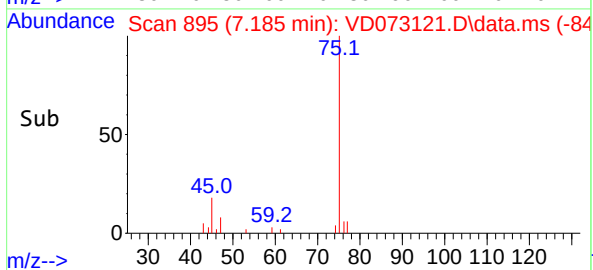
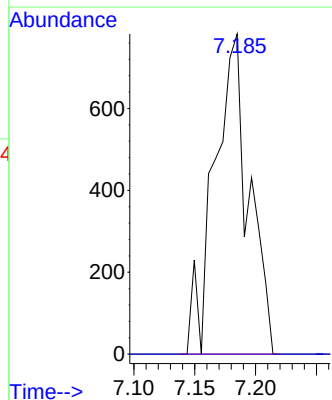
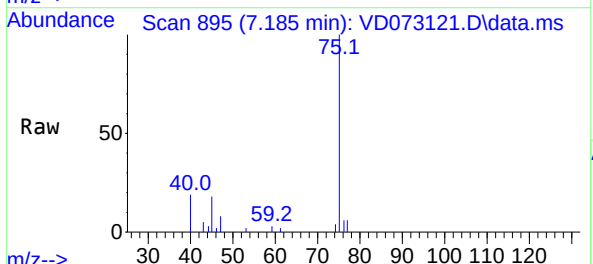
Instrument :
MSVOA_D
ClientSampleId :
EO-02-051722

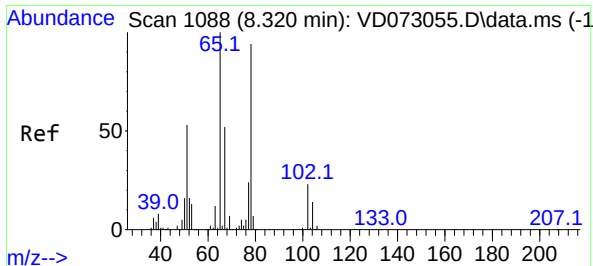
Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 3.164 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.018 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

Tgt Ion: 77 Resp: 1543
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#





#33

1,2-Dichloroethane-d4

Concen: 68.052 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VD073121.D

Acq: 19 May 2022 03:44

Instrument :

MSVOA_D

ClientSampleId :

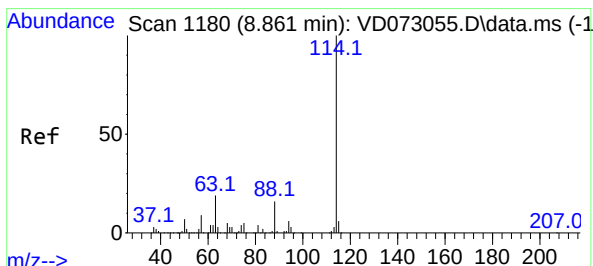
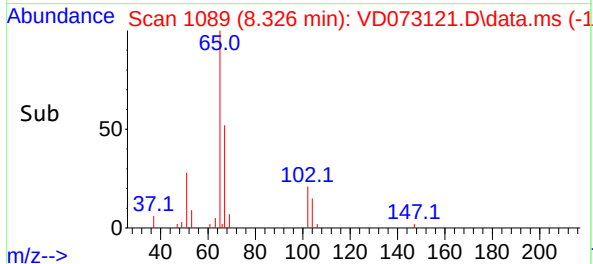
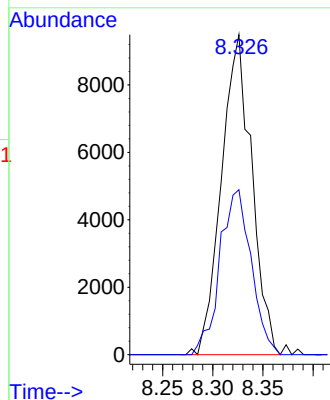
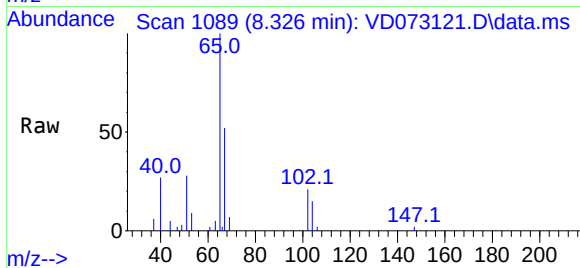
EO-02-051722

Tgt Ion: 65 Resp: 19946

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073121.D

Acq: 19 May 2022 03:44

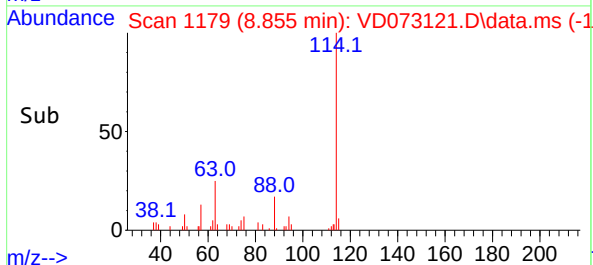
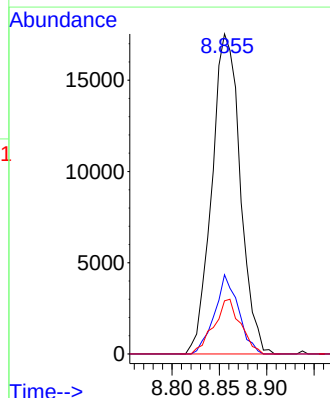
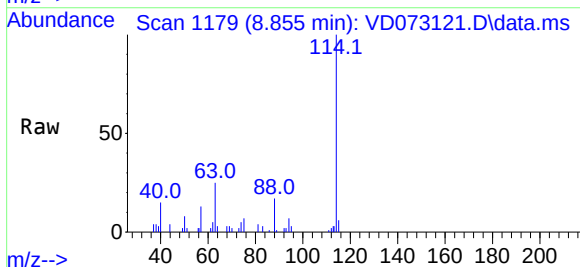
Tgt Ion: 114 Resp: 36566

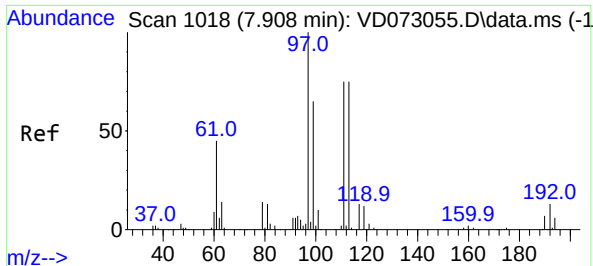
Ion Ratio Lower Upper

114 100

63 24.7 0.0 46.6

88 16.6 0.0 33.2

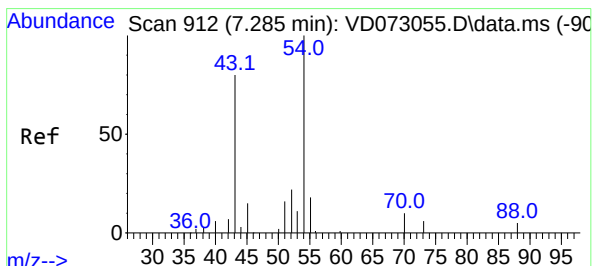
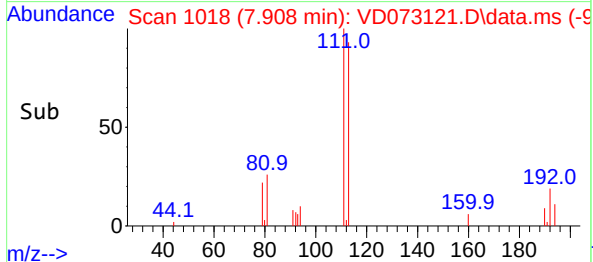
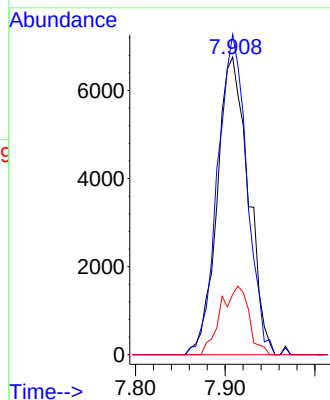
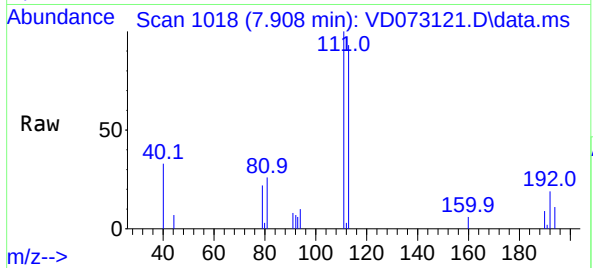




#35
Dibromofluoromethane
Concen: 63.708 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

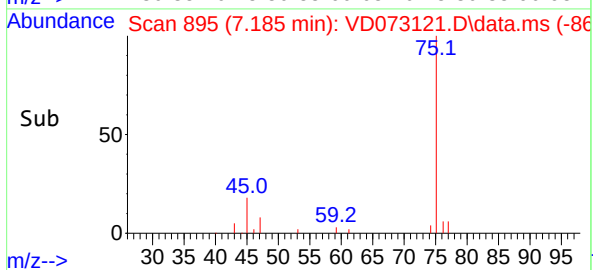
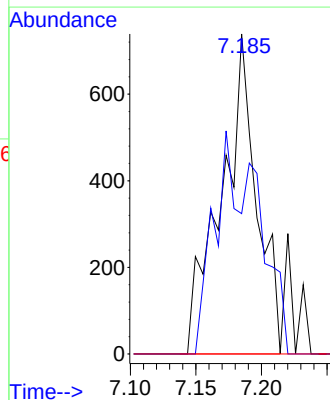
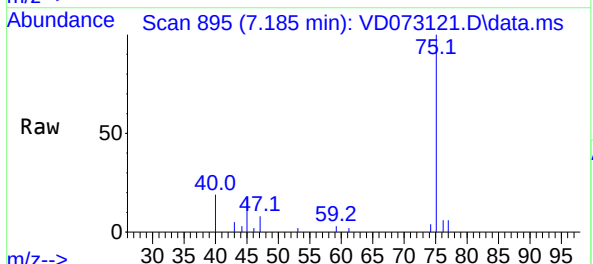
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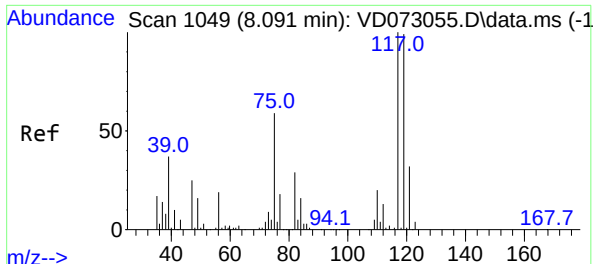
Tgt Ion:113 Resp: 16356
Ion Ratio Lower Upper
113 100
111 101.1 83.8 125.6
192 20.8 14.6 21.8



#37
Ethyl Acetate
Concen: 7.912 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.100 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
61 48.9 9.8 14.8#
70 0.0 6.9 10.3#

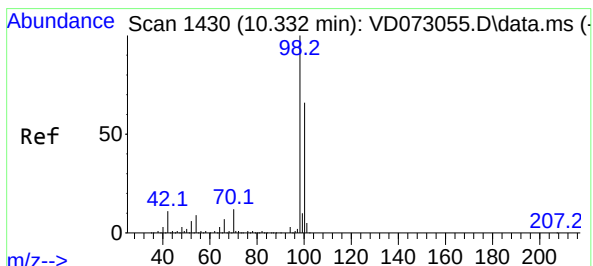
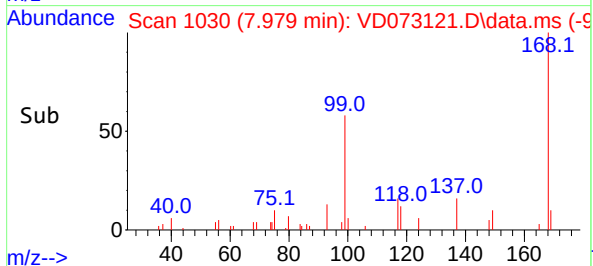
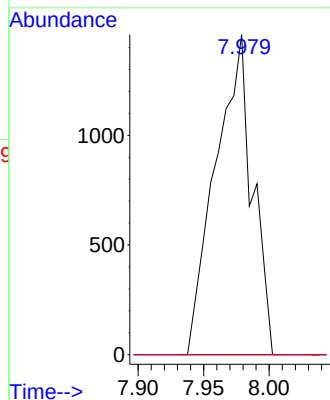
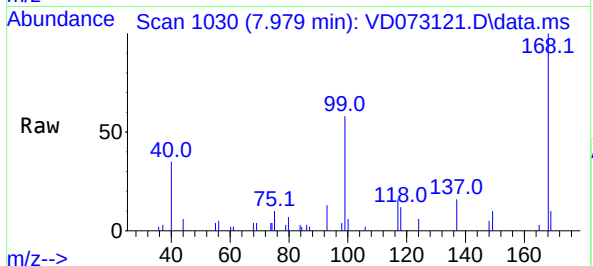




#38
Carbon Tetrachloride
Concen: 6.654 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

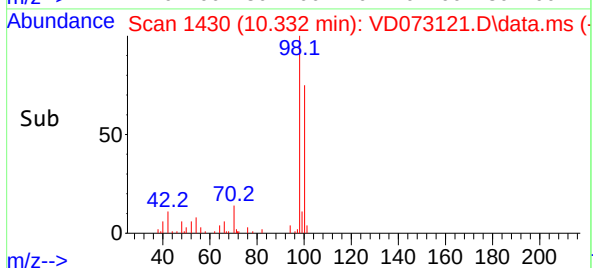
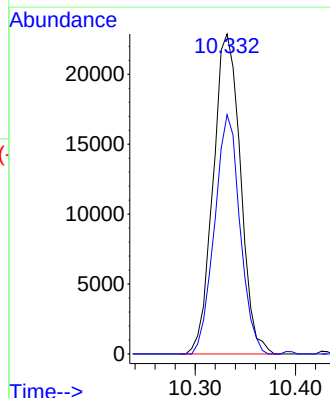
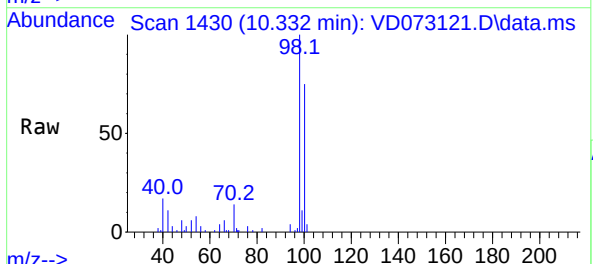
Instrument :
MSVOA_D
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EO-02-051722

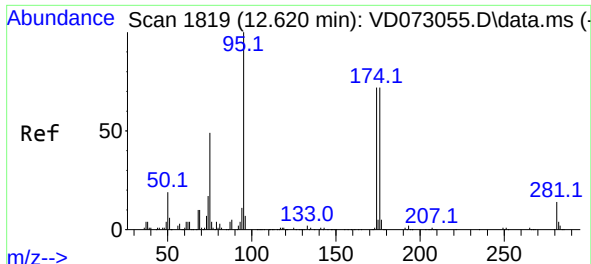
Tgt Ion:117 Resp: 2848
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 46.369 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

Tgt Ion: 98 Resp: 43187
Ion Ratio Lower Upper
98 100
100 69.6 52.4 78.6

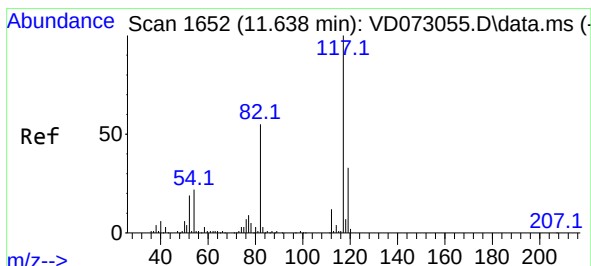
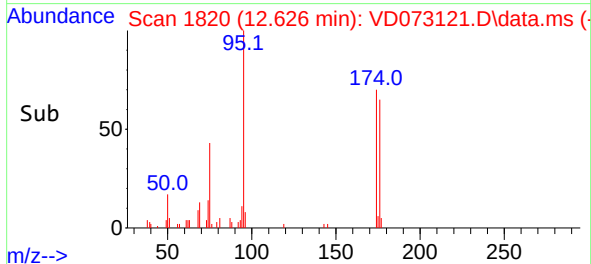
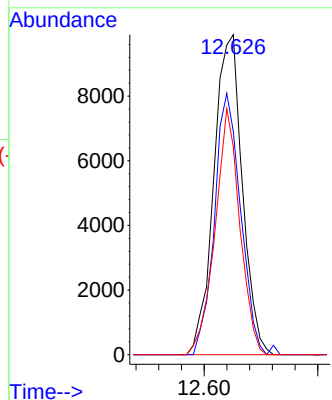
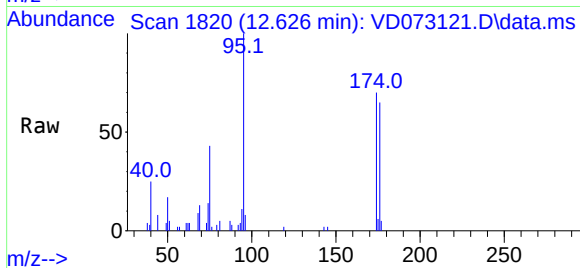




#62
4-Bromofluorobenzene
Concen: 51.108 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

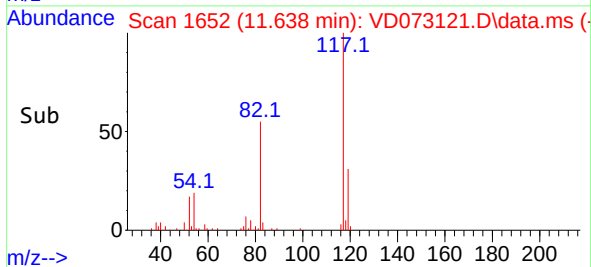
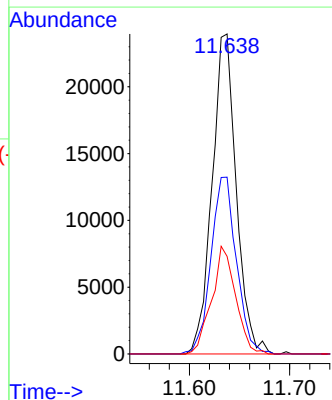
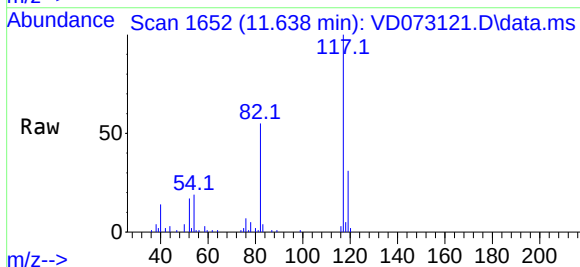
Instrument :
MSVOA_D
ClientSampleId :
EO-02-051722

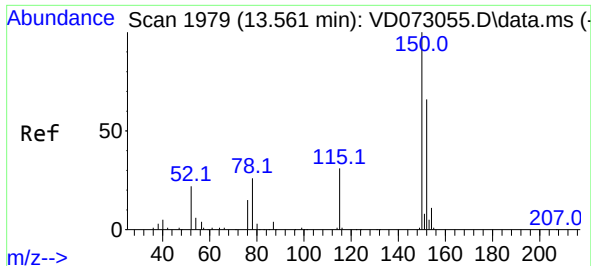
Tgt Ion:	95	Resp:	17241
Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	152.8
176	66.8	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

Tgt Ion:	117	Resp:	40175
Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.3	67.9
119	30.5	26.6	40.0

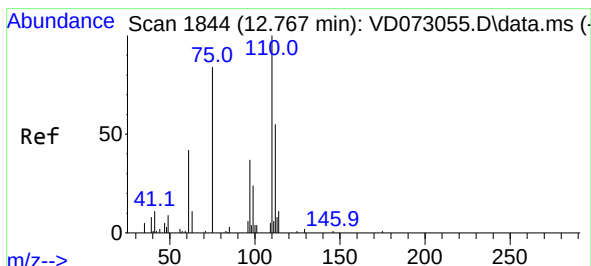
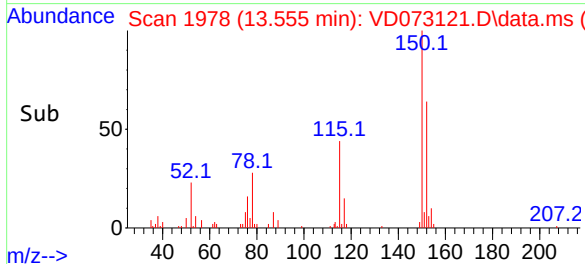
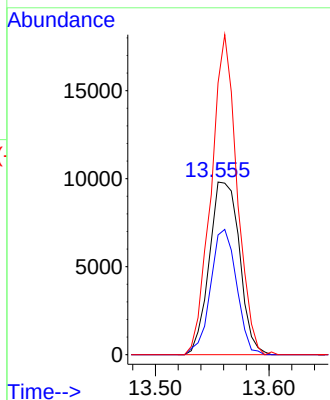
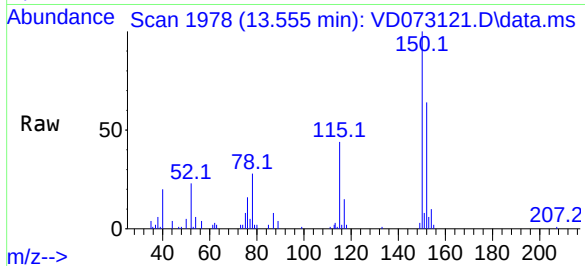




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

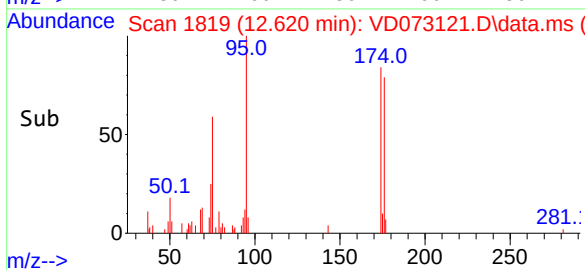
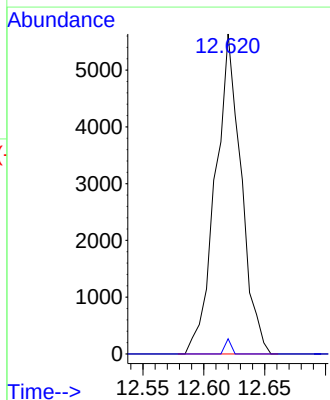
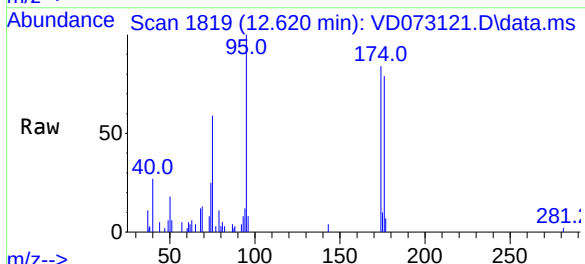
Instrument :
MSVOA_D
ClientSampleId :
EO-02-051722

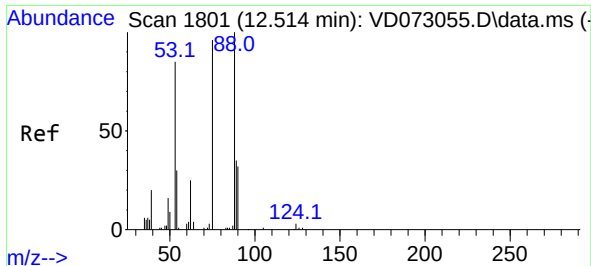
Tgt Ion:152 Resp: 18102
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 159.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 40.756 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073121.D
Acq: 19 May 2022 03:44

Tgt Ion: 75 Resp: 8340
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.724 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073121.D
 Acq: 19 May 2022 03:44

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-051722

Tgt Ion: 75 Resp: 8340
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

