

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012723\
 Data File : VD075225.D
 Acq On : 27 Jan 2023 15:00
 Operator : KP/SY
 Sample : 01322-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-1-26-2023

Quant Time: Jan 30 01:03:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

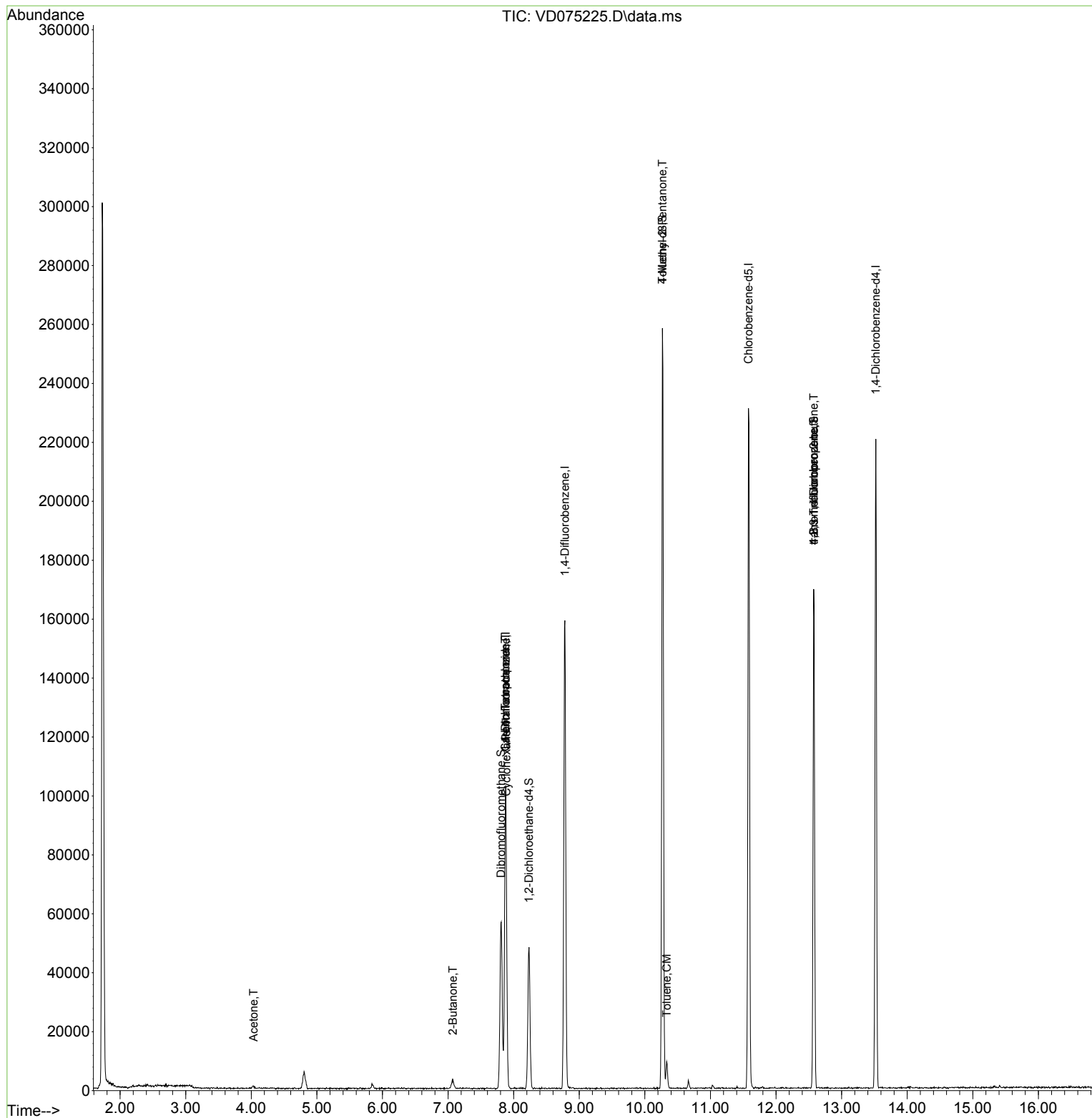
Internal Standards						
1) Pentafluorobenzene	7.881	168	77192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	141304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	131934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	55826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	37684	47.841	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.680%		
35) Dibromofluoromethane	7.810	113	41561	48.675	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.340%		
50) Toluene-d8	10.269	98	172576	51.332	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.660%		
62) 4-Bromofluorobenzene	12.575	95	51462	48.231	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.460%		
Target Compounds					Qvalue	
16) Acetone	4.034	43	1449	6.975	ug/l	95
20) Methylene Chloride	4.811	84	4110	Below Cal		92
25) 2-Butanone	7.075	43	319	1.270	ug/l #	50
31) Cyclohexane	7.887	56	1962	1.242	ug/l #	28
36) 1,1-Dichloropropene	7.875	75	6918	5.043	ug/l #	47
38) Carbon Tetrachloride	7.875	117	8074	6.990	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	748	1.448	ug/l #	1
52) Toluene	10.334	92	4002	1.619	ug/l	93
76) 1,2,3-Trichloropropane	12.575	75	28574	60.435	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	28574	140.184	ug/l #	14

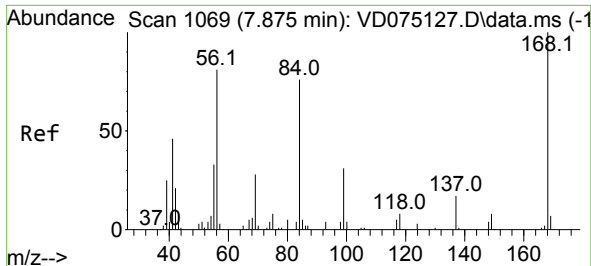
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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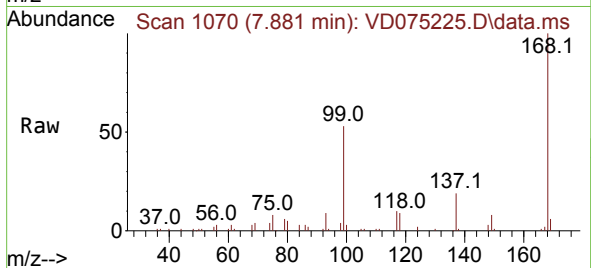
Quant Time: Jan 30 01:03:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
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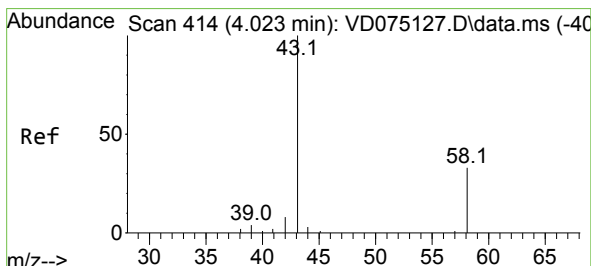
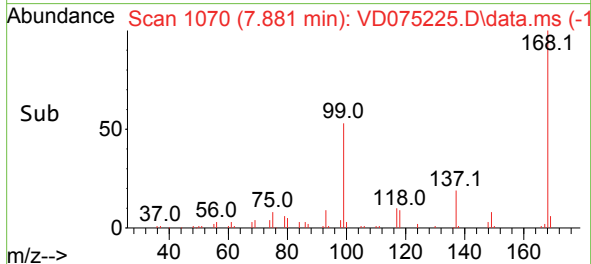
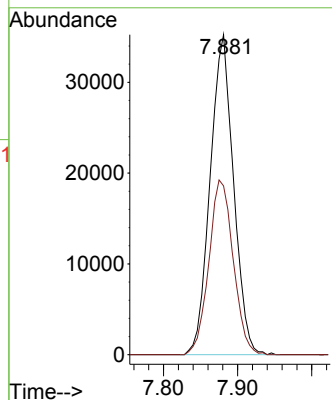


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

Instrument :
MSVOA_D
ClientSampleId :
EO-01-1-26-2023

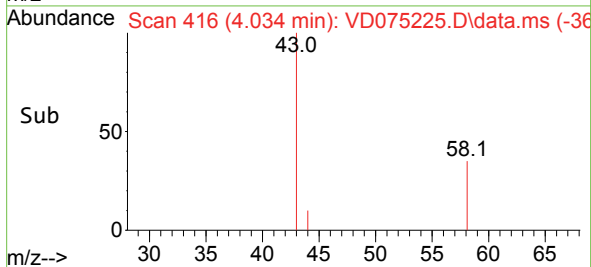
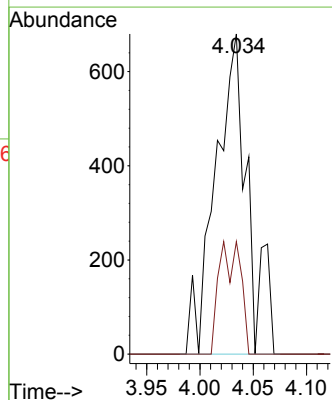
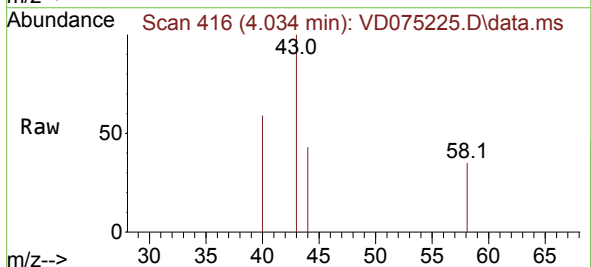


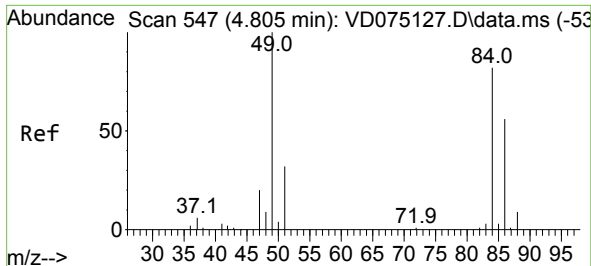
Tgt Ion:168 Resp: 77192
Ion Ratio Lower Upper
168 100
99 52.8 45.2 67.8



#16
Acetone
Concen: 6.975 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

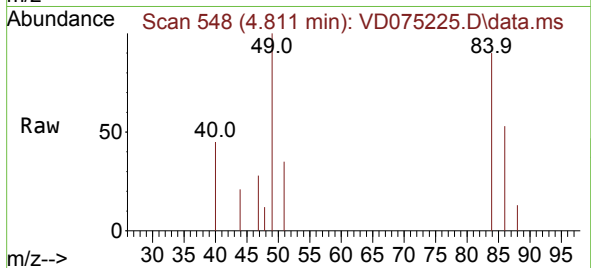
Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 35.1 26.0 39.0



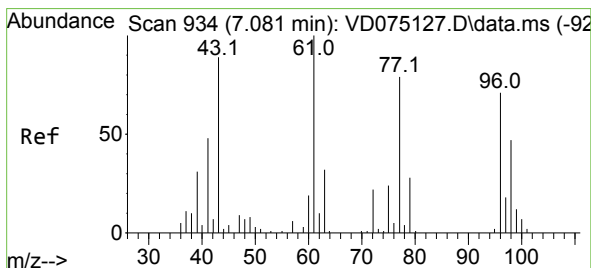
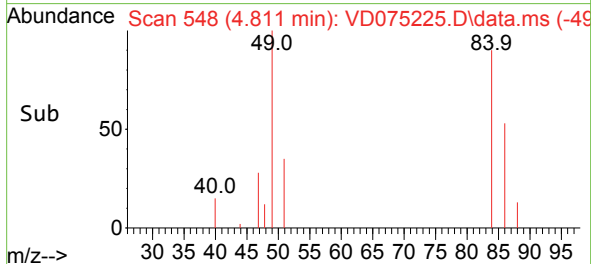
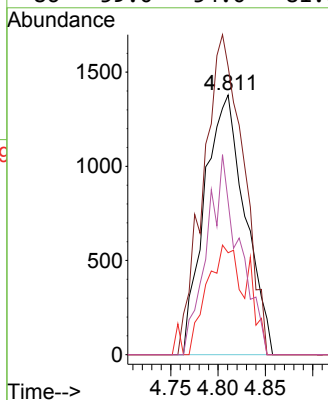


#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

Instrument :
MSVOA_D
ClientSampleId :
EO-01-1-26-2023

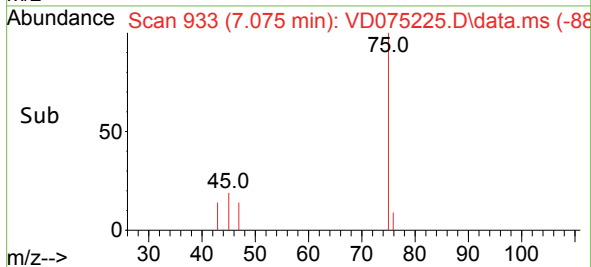
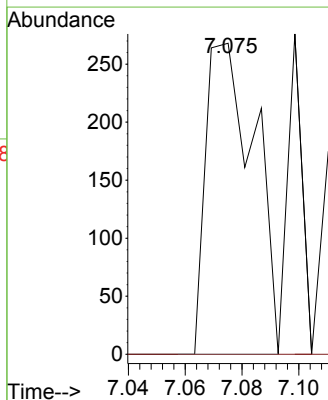
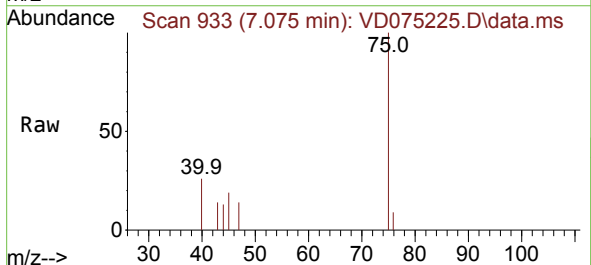


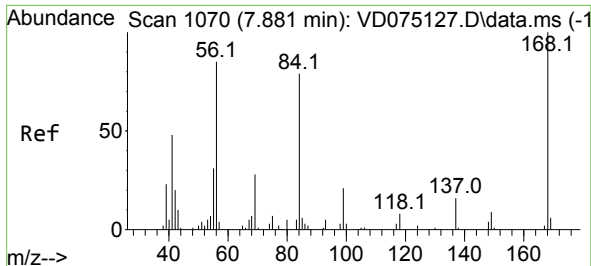
Tgt Ion:	84	Resp:	4110
Ion	Ratio	Lower	Upper
84	100		
49	110.9	97.0	145.6
51	39.2	30.9	46.3
86	59.0	54.0	81.0



#25
2-Butanone
Concen: 1.270 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

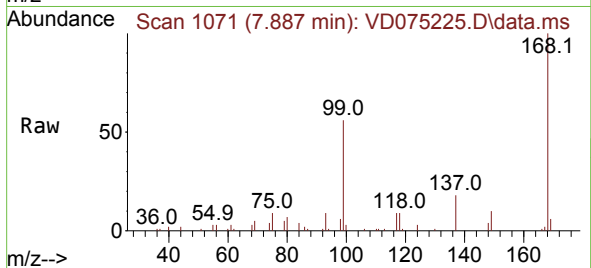
Tgt Ion:	43	Resp:	319
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#



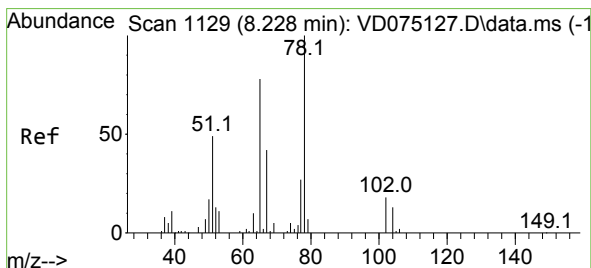
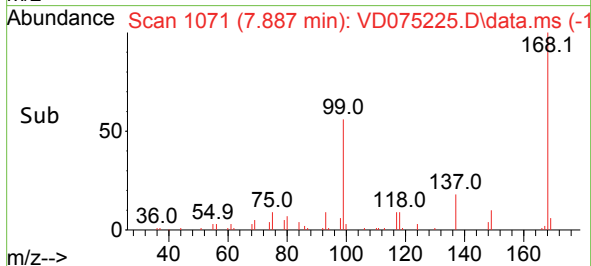
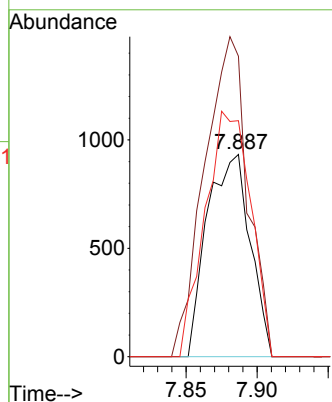


#31
Cyclohexane
Concen: 1.242 ug/l
RT: 7.887 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

Instrument :
MSVOA_D
ClientSampleId :
EO-01-1-26-2023

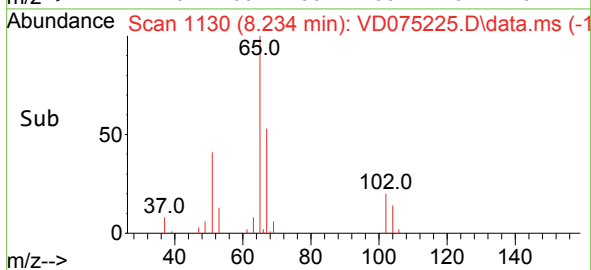
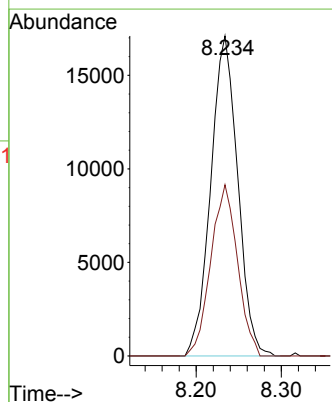
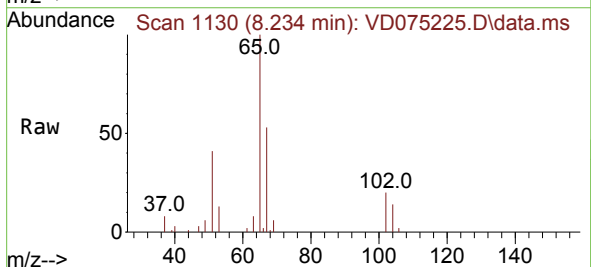


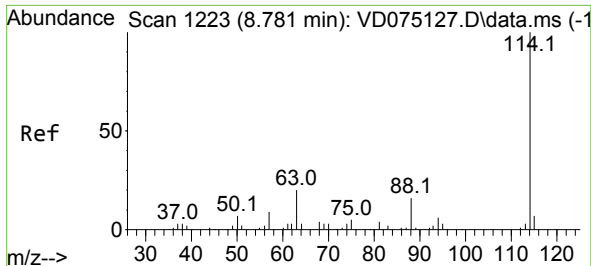
Tgt Ion: 56 Resp: 1962
Ion Ratio Lower Upper
56 100
69 148.6 26.6 40.0#
84 116.7 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 47.841 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

Tgt Ion: 65 Resp: 37684
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.2

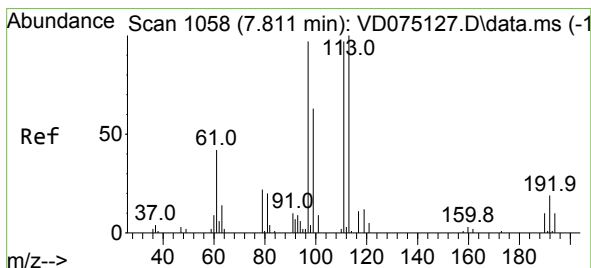
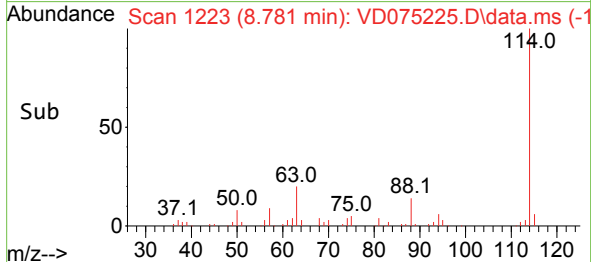
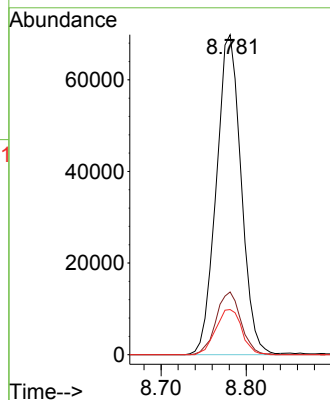
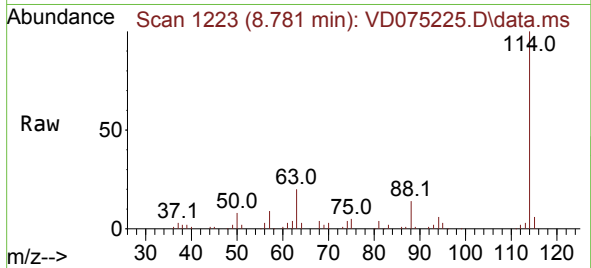




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

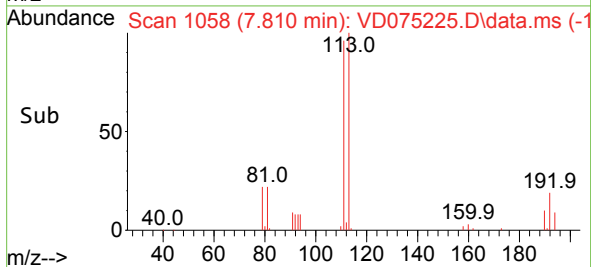
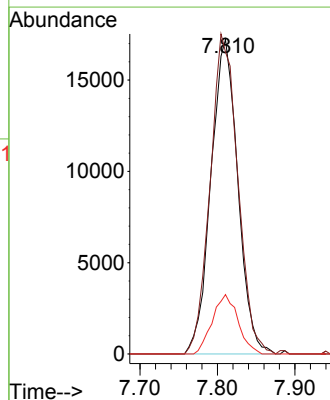
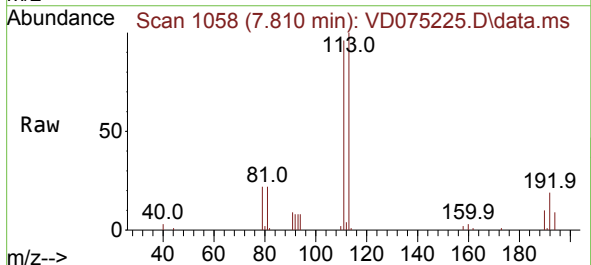
Instrument :
MSVOA_D
ClientSampleId :
EO-01-1-26-2023

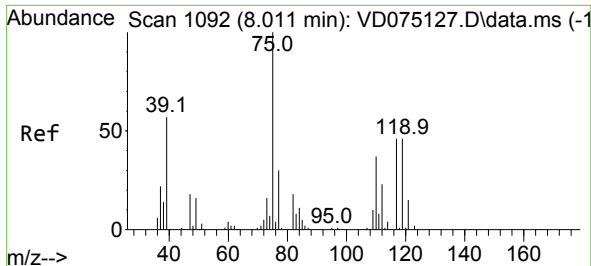
Tgt Ion:114 Resp: 141304
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.2
88 14.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 48.675 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

Tgt Ion:113 Resp: 41561
Ion Ratio Lower Upper
113 100
111 104.2 80.1 120.1
192 18.0 15.4 23.0





#36

1,1-Dichloropropene

Concen: 5.043 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075225.D

Acq: 27 Jan 2023 15:00

Instrument :

MSVOA_D

ClientSampleId :

EO-01-1-26-2023

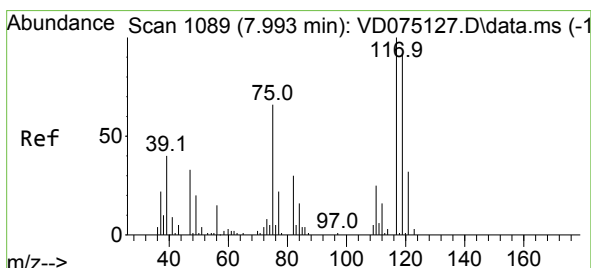
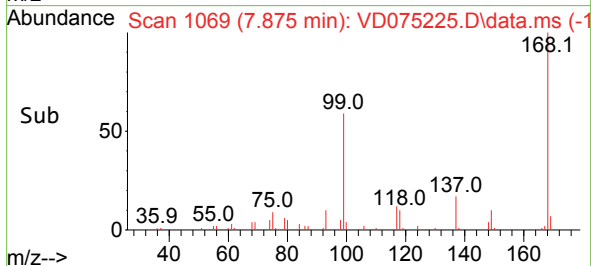
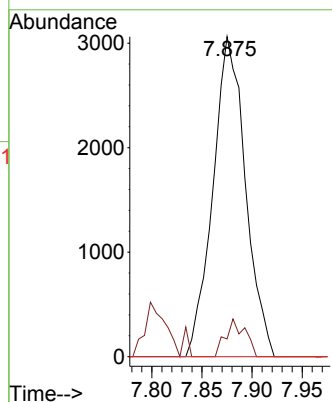
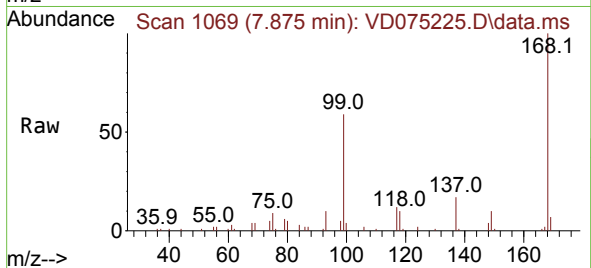
Tgt Ion: 75 Resp: 6918

Ion Ratio Lower Upper

75 100

110 7.1 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.990 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075225.D

Acq: 27 Jan 2023 15:00

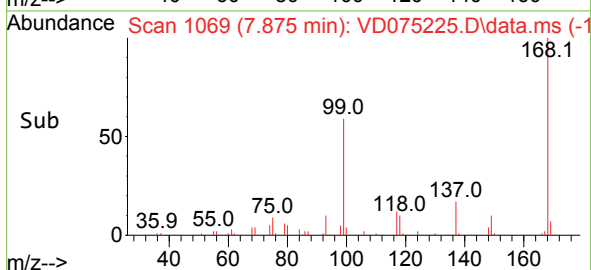
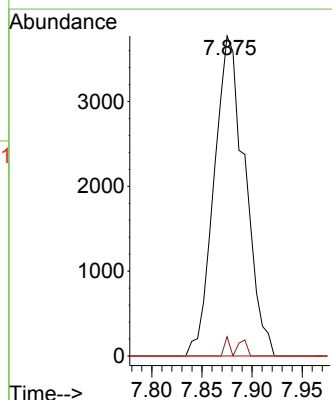
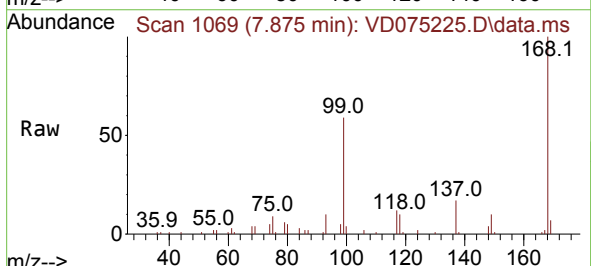
Tgt Ion: 117 Resp: 8074

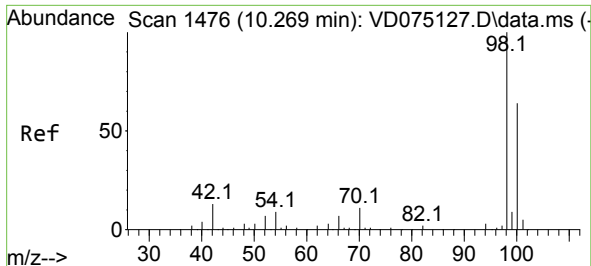
Ion Ratio Lower Upper

117 100

119 6.0 73.6 110.4#

121 0.0 25.4 38.0#

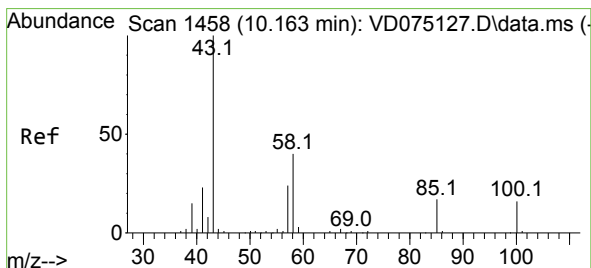
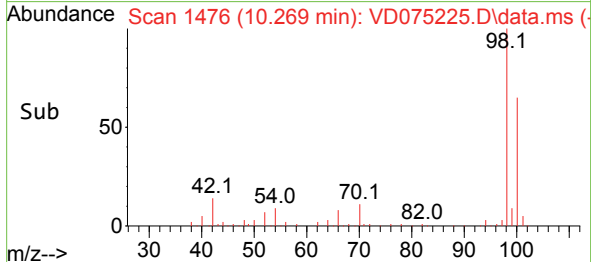
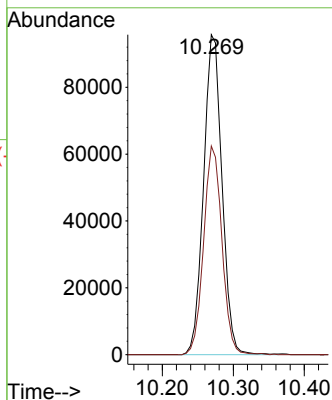
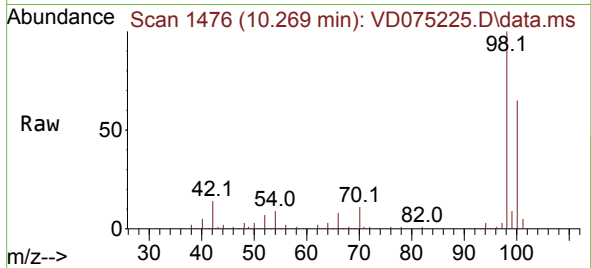




#50
Toluene-d8
Concen: 51.332 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

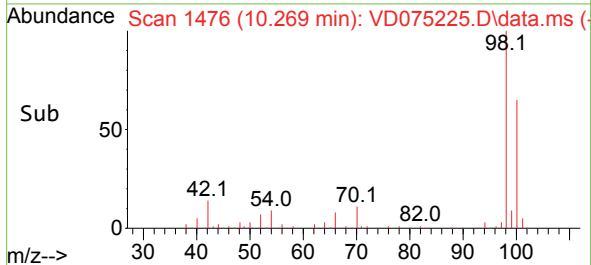
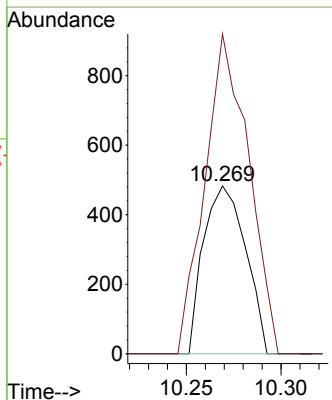
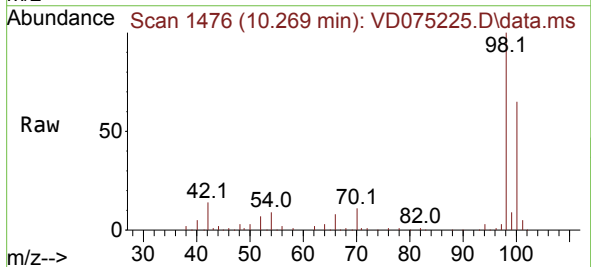
Instrument :
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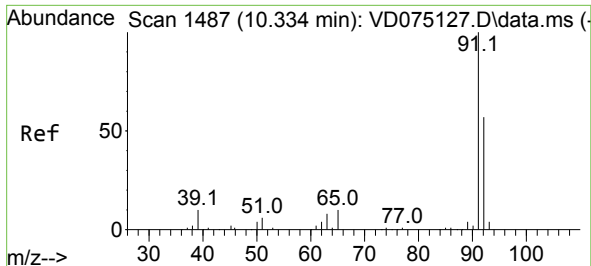
Tgt Ion: 98 Resp: 172576
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.448 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.106 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
58 197.6 31.4 47.0#

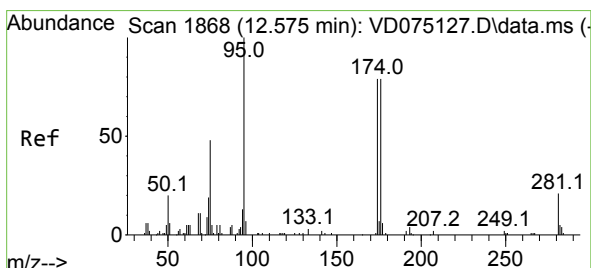
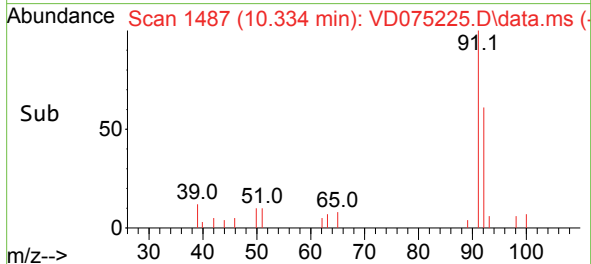
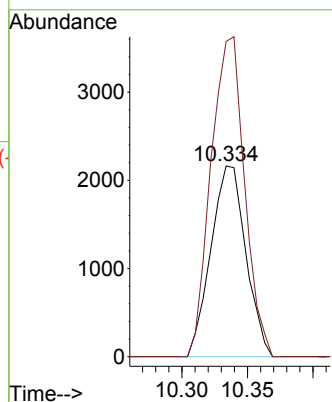
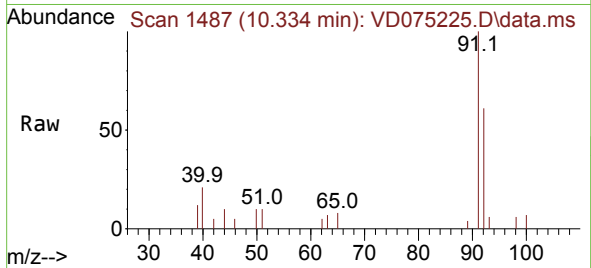




#52
Toluene
Concen: 1.619 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

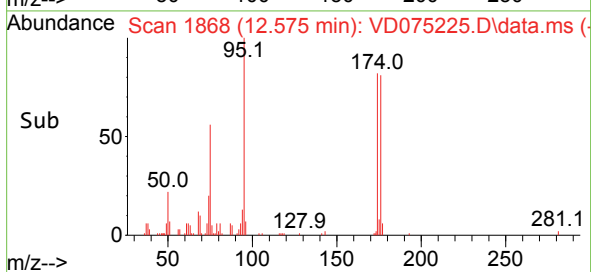
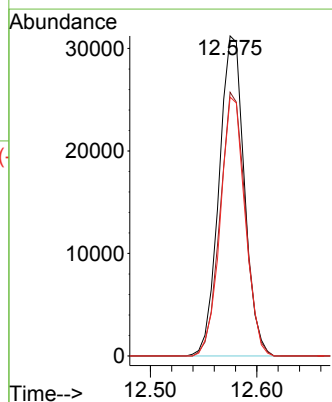
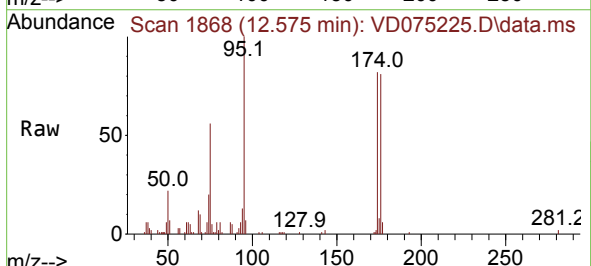
Instrument :
MSVOA_D
ClientSampleId :
EO-01-1-26-2023

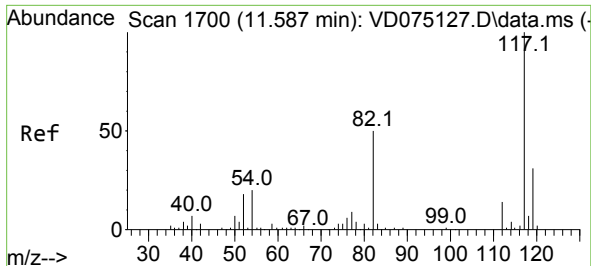
Tgt Ion: 92 Resp: 4002
Ion Ratio Lower Upper
92 100
91 161.4 137.0 205.4



#62
4-Bromofluorobenzene
Concen: 48.231 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

Tgt Ion: 95 Resp: 51462
Ion Ratio Lower Upper
95 100
174 82.0 0.0 161.2
176 79.1 0.0 160.2

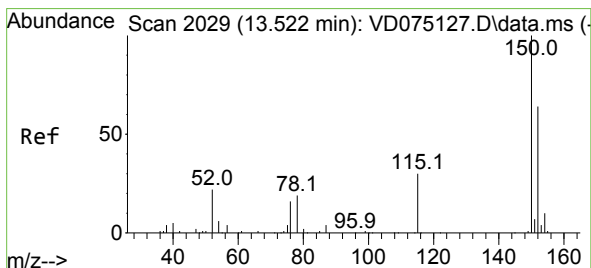
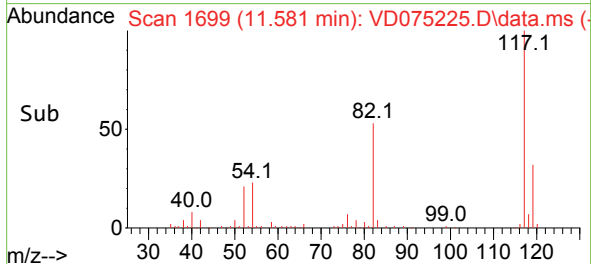
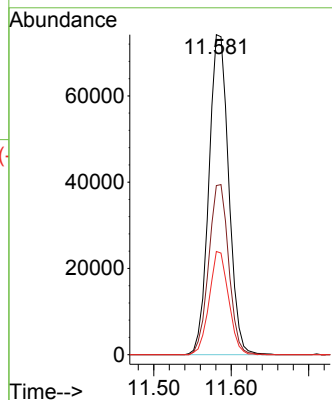
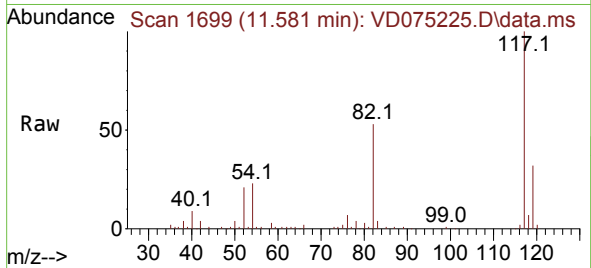




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

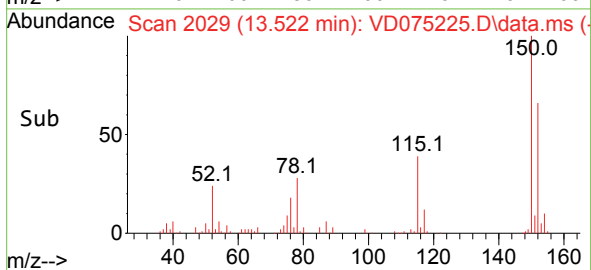
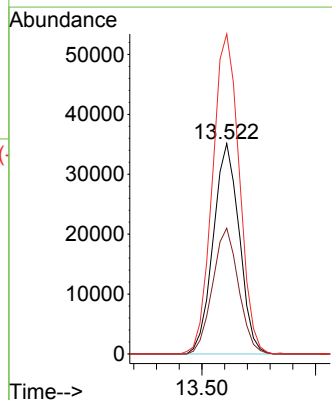
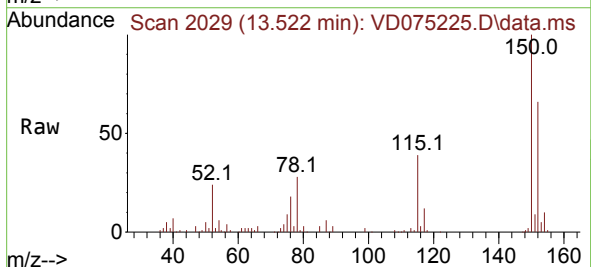
Instrument :
MSVOA_D
ClientSampleId :
EO-01-1-26-2023

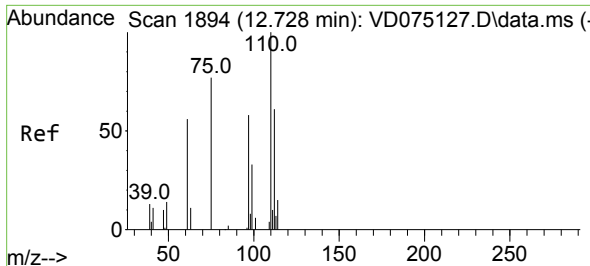
Tgt Ion:117 Resp: 131934
Ion Ratio Lower Upper
117 100
82 52.8 39.6 59.4
119 32.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

Tgt Ion:152 Resp: 55826
Ion Ratio Lower Upper
152 100
115 59.8 28.8 86.4
150 156.8 0.0 348.6

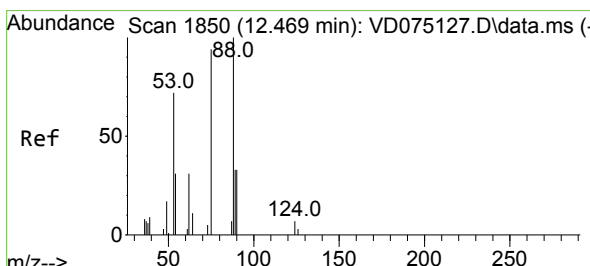
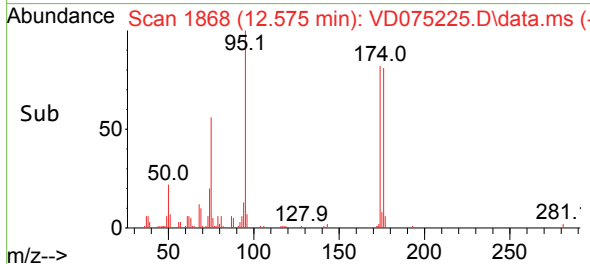
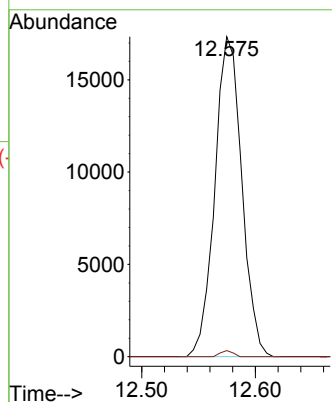
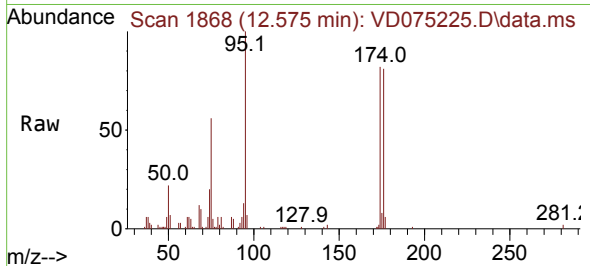




#76
1,2,3-Trichloropropane
Concen: 60.435 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

Instrument :
MSVOA_D
ClientSampleId :
EO-01-1-26-2023

Tgt Ion: 75 Resp: 28574
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.184 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075225.D
Acq: 27 Jan 2023 15:00

Tgt Ion: 75 Resp: 28574
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

