

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074544.D
 Acq On : 17 Oct 2022 14:59
 Operator : VA/SY
 Sample : N5143-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-101322

Quant Time: Oct 17 23:09:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

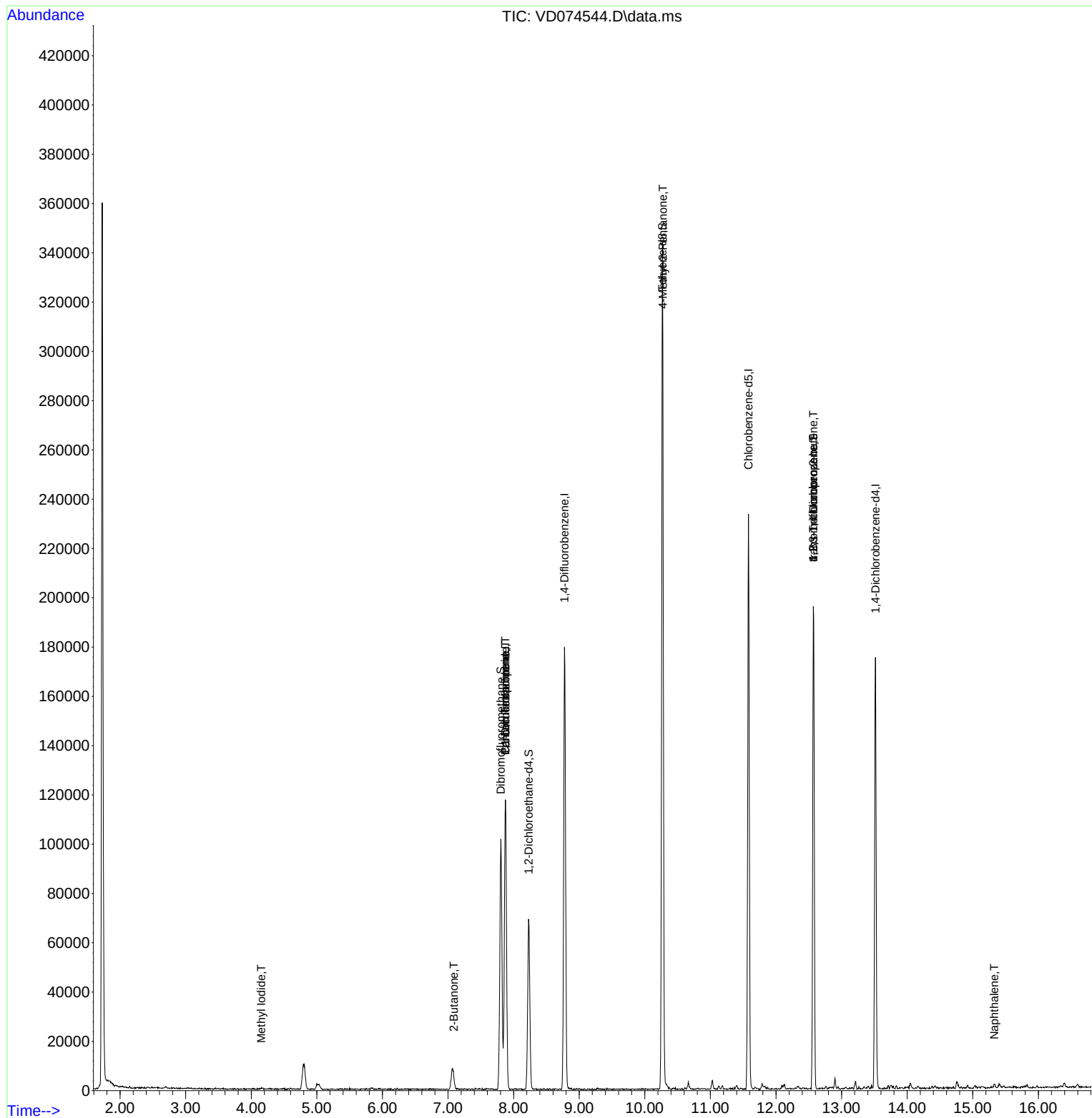
Internal Standards						
1) Pentafluorobenzene	7.875	168	95890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	172115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	139890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	50457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53180	64.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.860%	
35) Dibromofluoromethane	7.805	113	70872	69.429	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.860%	
50) Toluene-d8	10.269	98	241591	60.924	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.840%	
62) 4-Bromofluorobenzene	12.569	95	62608	51.946	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.900%	
Target Compounds						Qvalue
10) Methyl Iodide	4.152	142	391	5.526	ug/l #	43
11) Tert butyl alcohol	5.022	59	2060	Below Cal	#	84
20) Methylene Chloride	4.793	84	9216	Below Cal		93
25) 2-Butanone	7.087	43	331	1.347	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	6764	4.095	ug/l #	46
38) Carbon Tetrachloride	7.875	117	9118	5.970	ug/l #	19
51) 4-Methyl-2-Pentanone	10.275	43	659	1.337	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	31335	72.667	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	31335	184.328	ug/l #	17
95) Naphthalene	15.328	128	2146	1.074	ug/l #	84

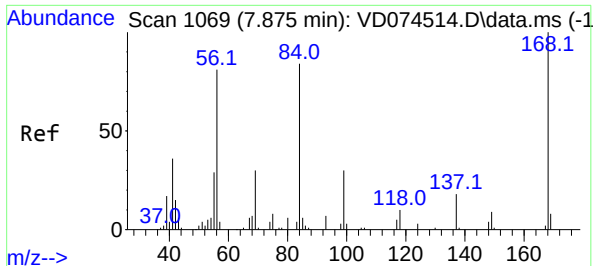
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
Data File : VD074544.D
Acq On : 17 Oct 2022 14:59
Operator : VA/SY
Sample : N5143-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-101322

Quant Time: Oct 17 23:09:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration

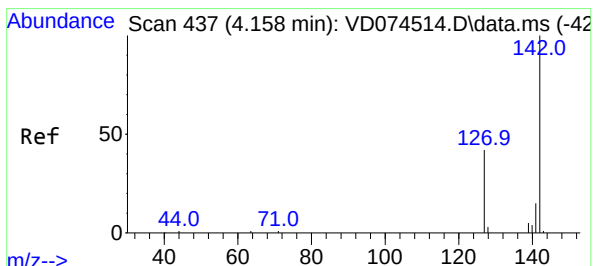
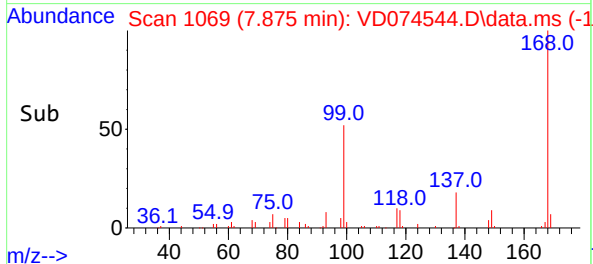
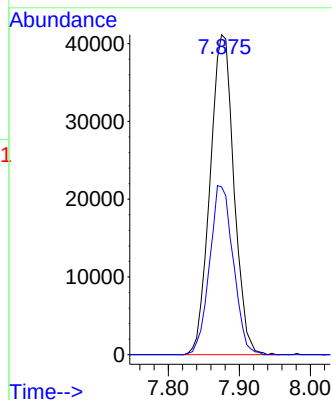
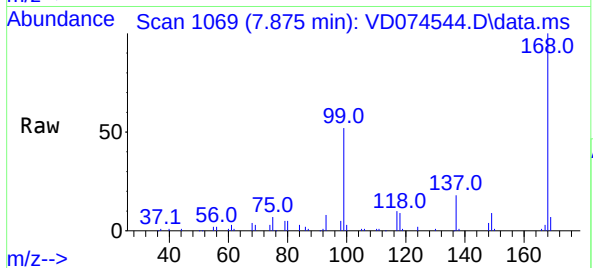




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

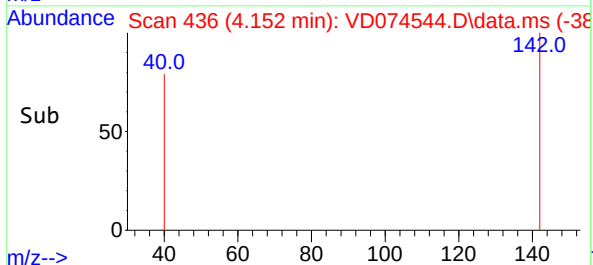
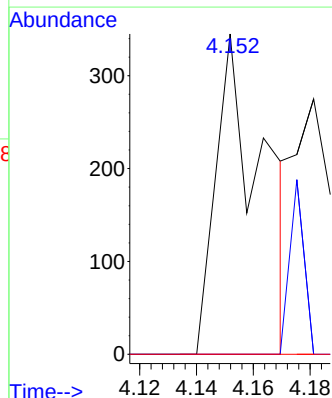
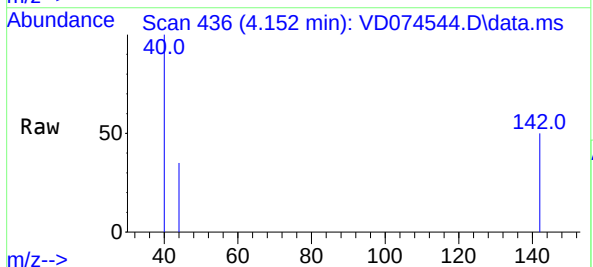
Instrument :
MSVOA_D
ClientSampleId :
EO-01-101322

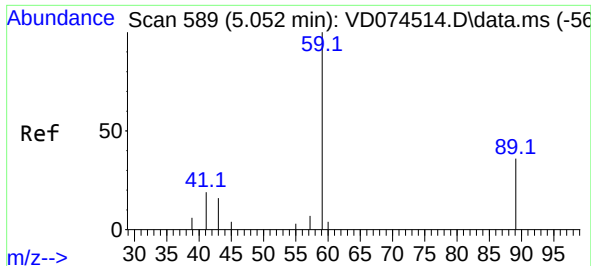
Tgt Ion:168 Resp: 95890
Ion Ratio Lower Upper
168 100
99 52.4 40.9 61.3



#10
Methyl Iodide
Concen: 5.526 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

Tgt Ion:142 Resp: 391
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

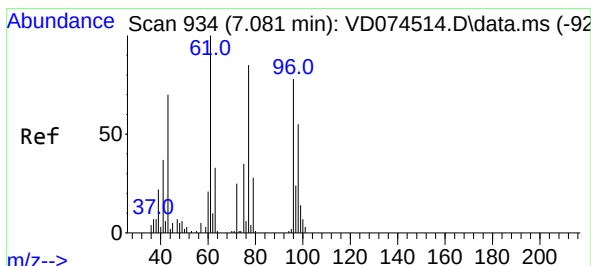
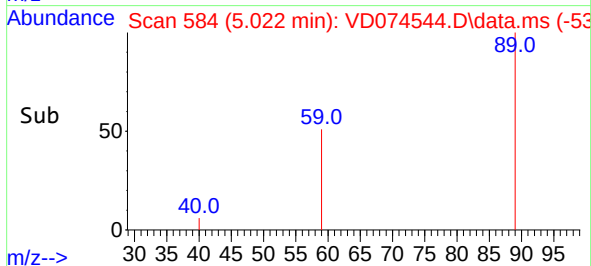
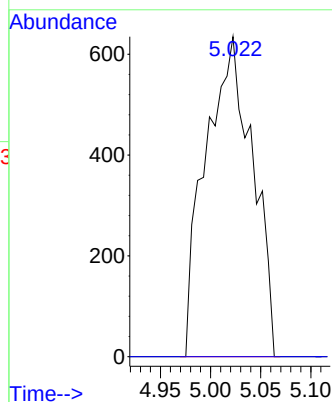
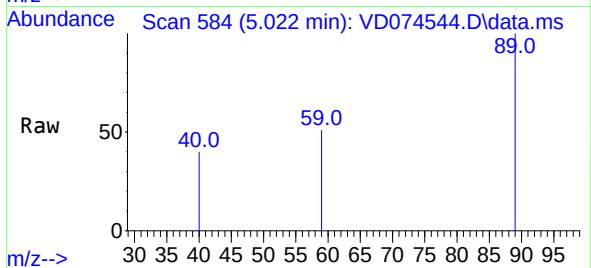




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.022 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

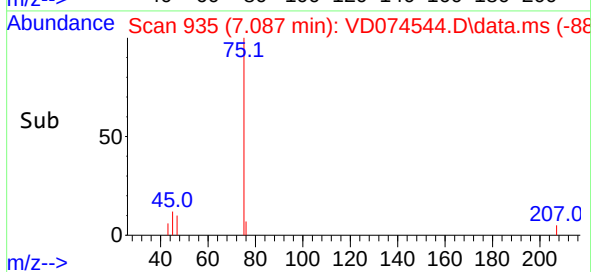
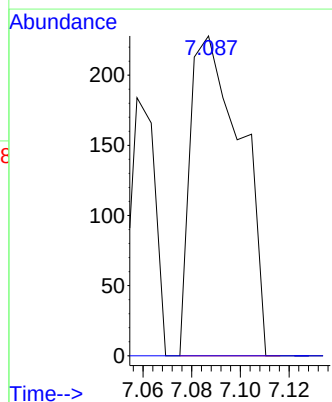
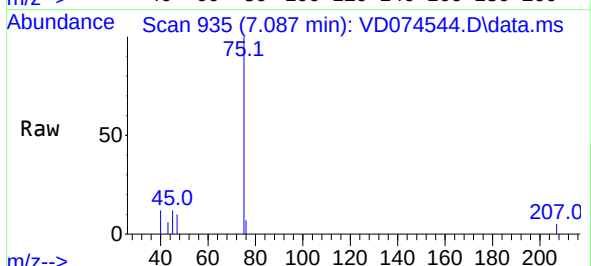
Instrument :
MSVOA_D
ClientSampleId :
EO-01-101322

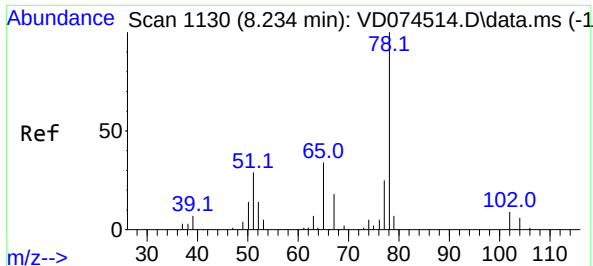
Tgt Ion: 59 Resp: 2060
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#25
2-Butanone
Concen: 1.347 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

Tgt Ion: 43 Resp: 331
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#

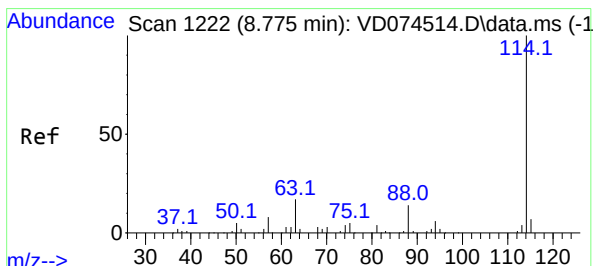
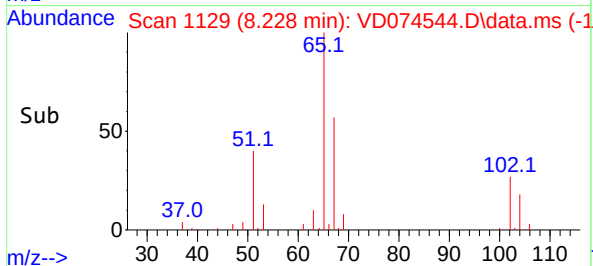
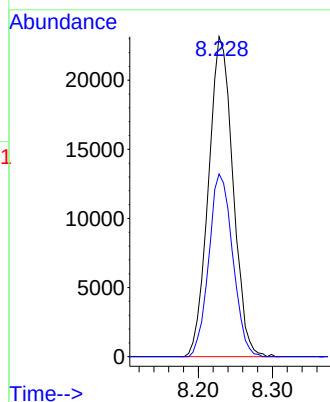
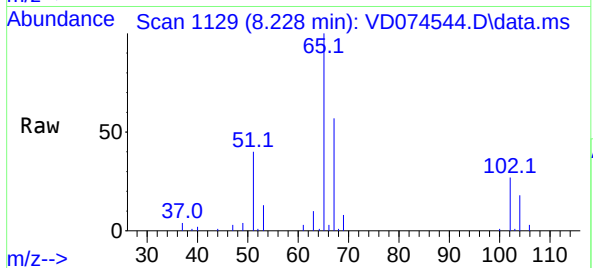




#33
1,2-Dichloroethane-d4
Concen: 64.431 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

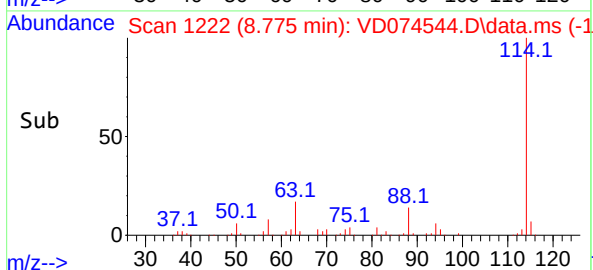
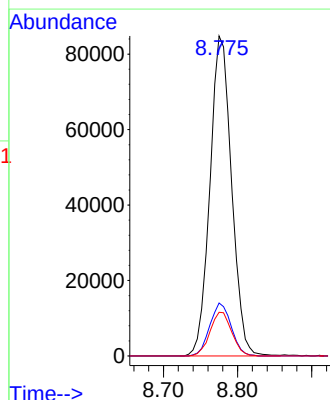
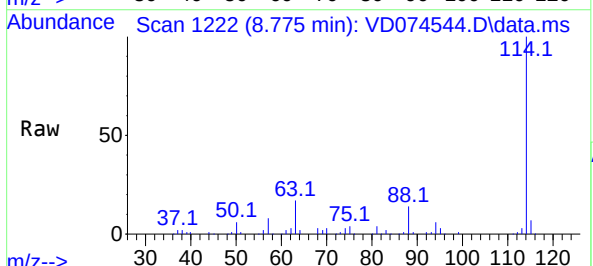
Instrument :
MSVOA_D
ClientSampleId :
EO-01-101322

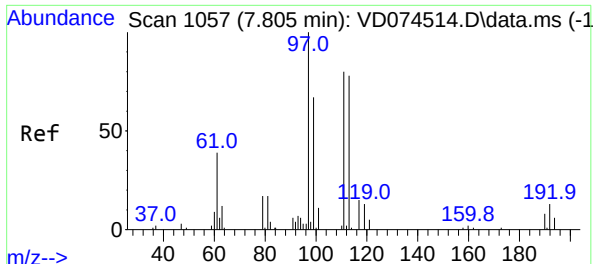
Tgt Ion: 65 Resp: 53180
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

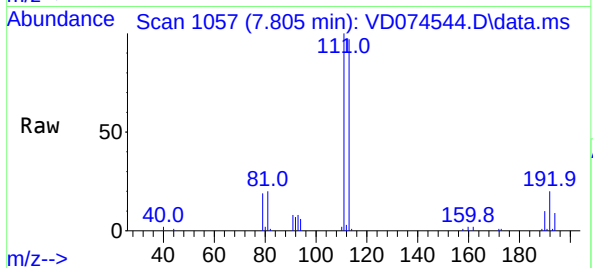
Tgt Ion: 114 Resp: 172115
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.2
88 13.7 0.0 28.2



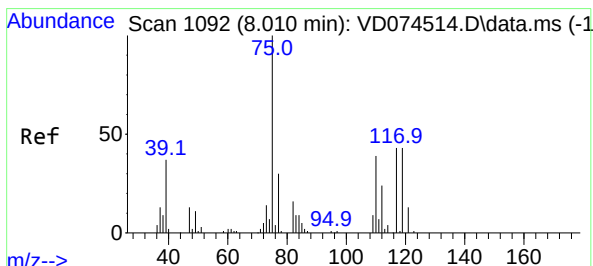
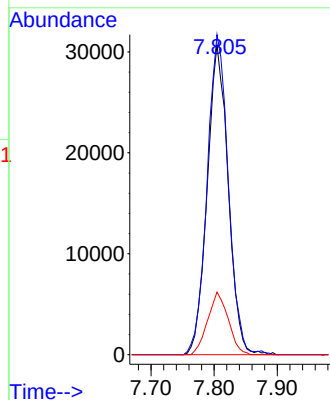
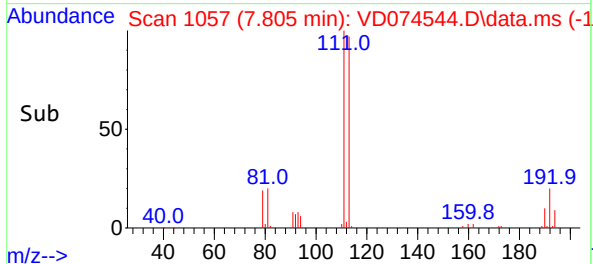


#35
Dibromofluoromethane
Concen: 69.429 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

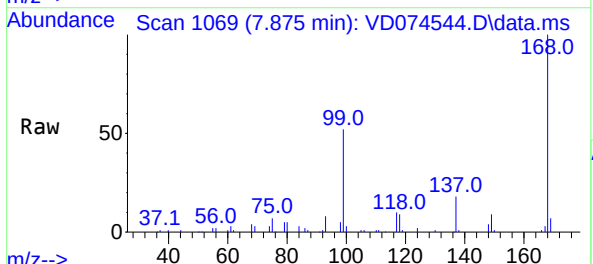
Instrument :
MSVOA_D
ClientSampleId :
EO-01-101322



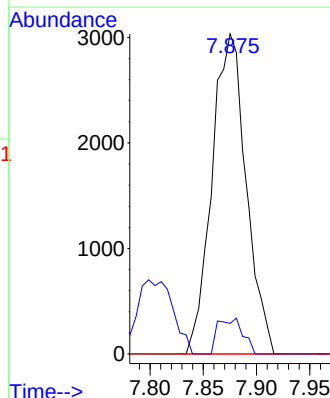
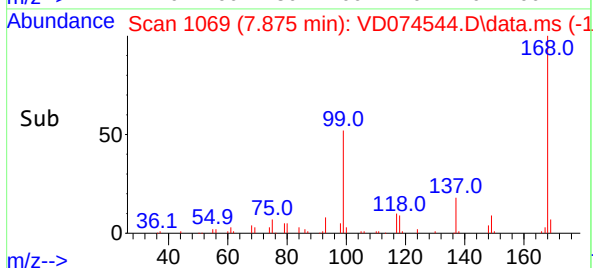
Tgt Ion: 113 Resp: 70872
Ion Ratio Lower Upper
113 100
111 104.4 82.3 123.5
192 19.7 16.4 24.6

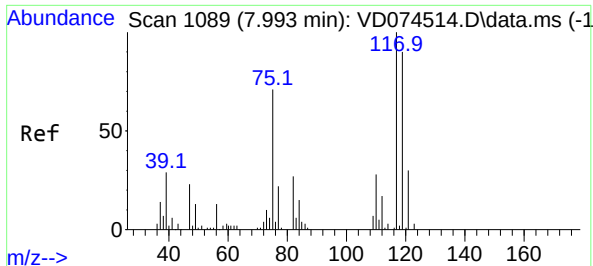


#36
1,1-Dichloropropene
Concen: 4.095 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59



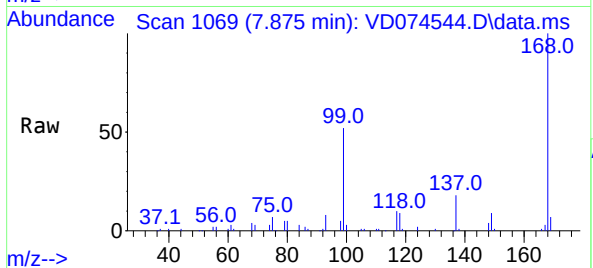
Tgt Ion: 75 Resp: 6764
Ion Ratio Lower Upper
75 100
110 8.1 19.7 59.0#
77 0.0 25.4 38.2#



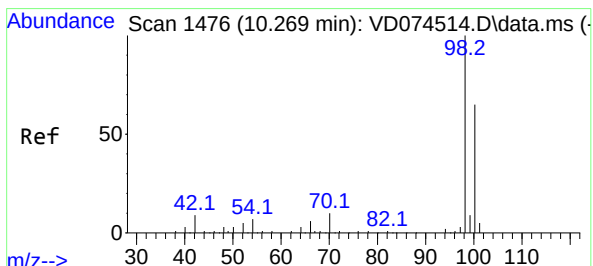
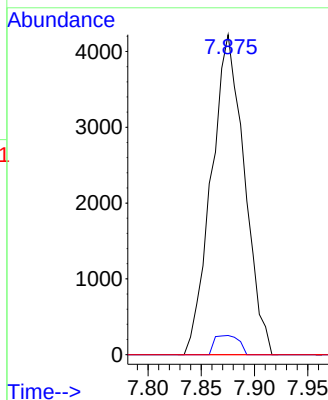
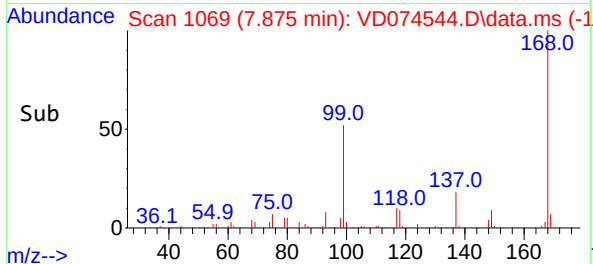


#38
Carbon Tetrachloride
Concen: 5.970 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

Instrument : MSVOA_D
ClientSampleId : EO-01-101322

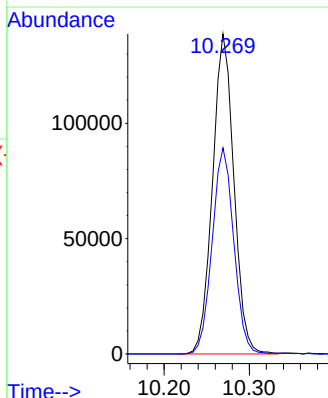
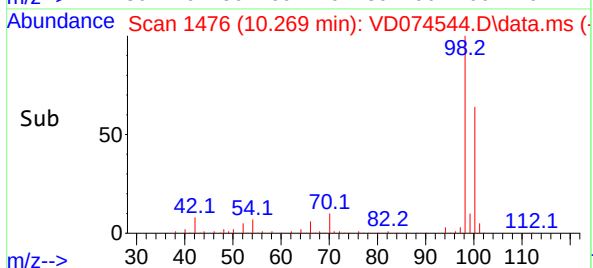
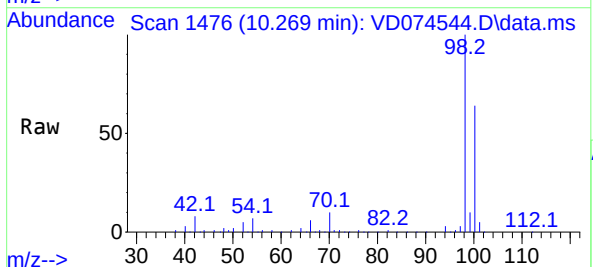


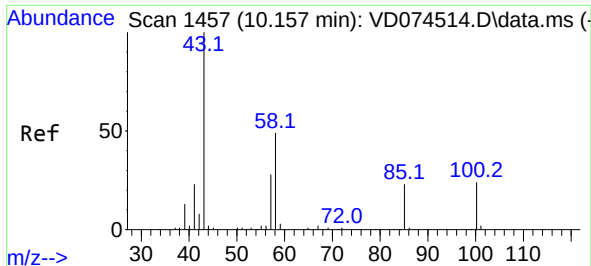
Tgt Ion:117 Resp: 9118
Ion Ratio Lower Upper
117 100
119 6.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 60.924 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

Tgt Ion: 98 Resp: 241591
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.337 ug/l

RT: 10.275 min Scan# 1457

Delta R.T. 0.118 min

Lab File: VD074544.D

Acq: 17 Oct 2022 14:59

Instrument :

MSVOA_D

ClientSampleId :

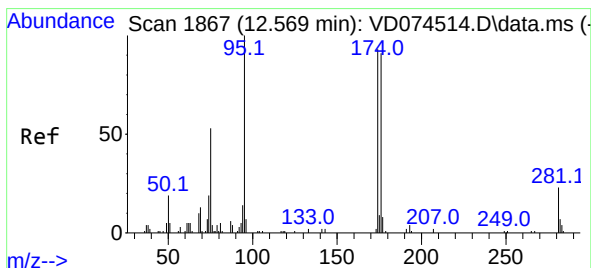
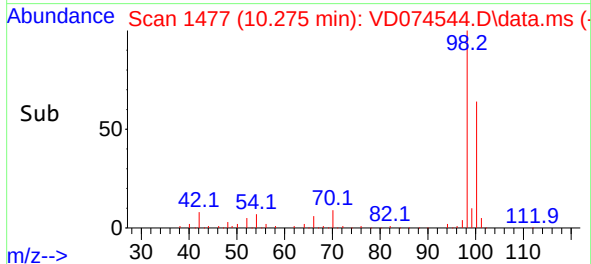
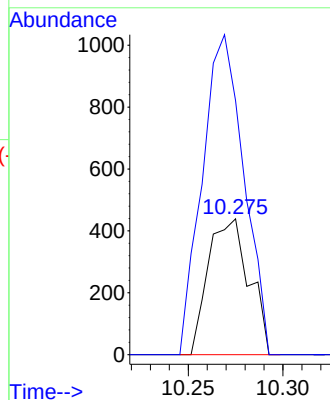
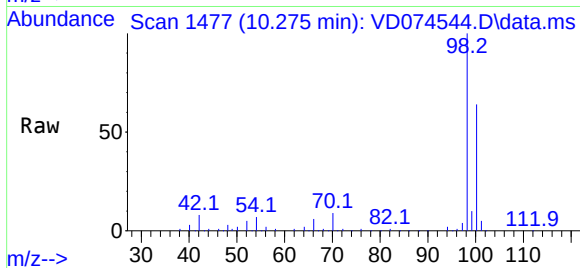
EO-01-101322

Tgt Ion: 43 Resp: 659

Ion Ratio Lower Upper

43 100

58 239.9 37.8 56.6#



#62

4-Bromofluorobenzene

Concen: 51.946 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD074544.D

Acq: 17 Oct 2022 14:59

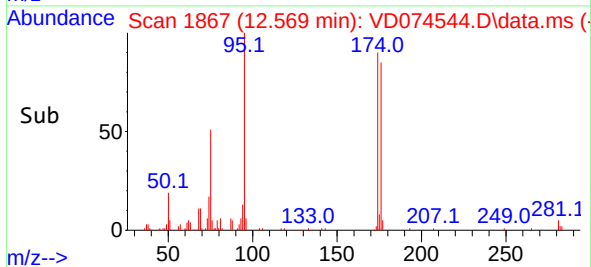
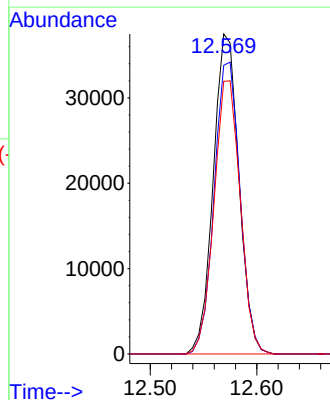
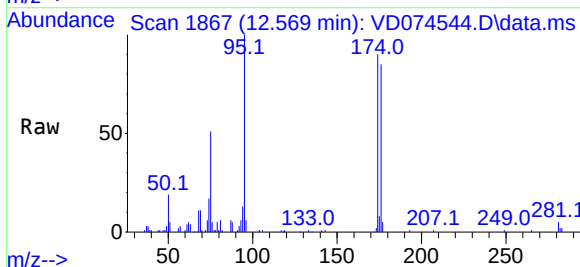
Tgt Ion: 95 Resp: 62608

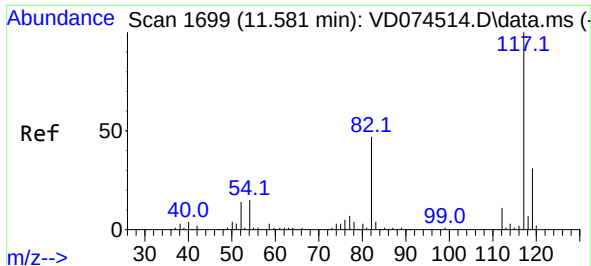
Ion Ratio Lower Upper

95 100

174 91.9 0.0 197.0

176 87.4 0.0 182.6

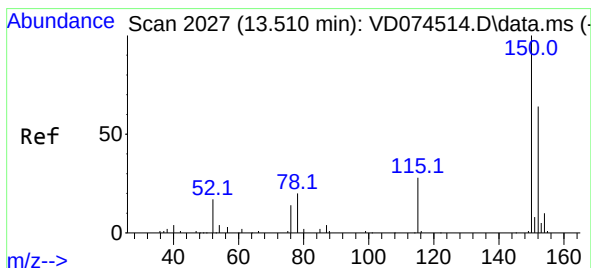
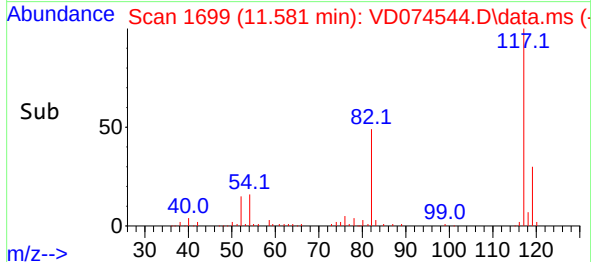
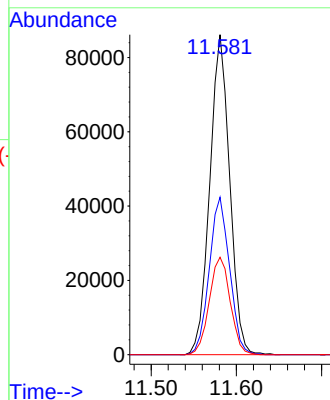
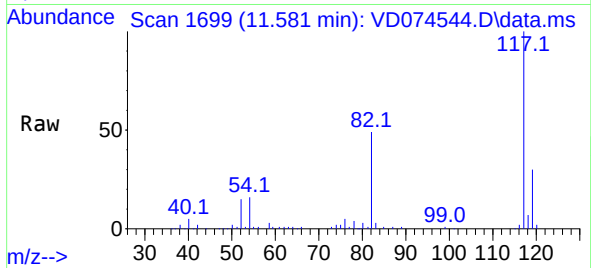




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

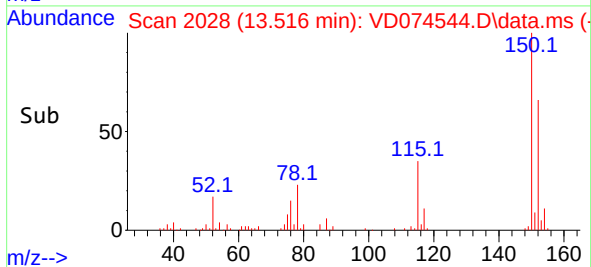
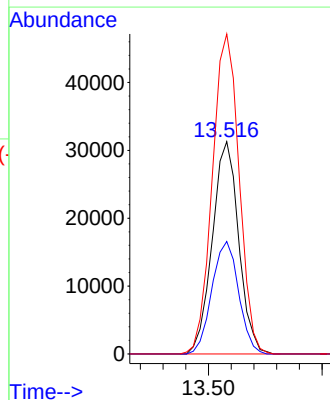
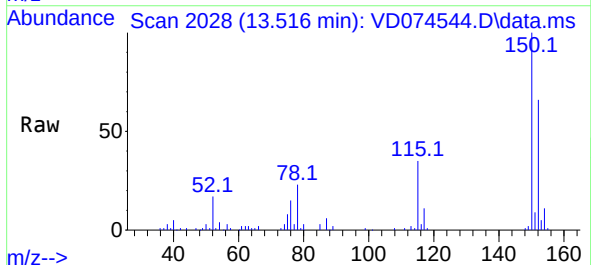
Instrument :
MSVOA_D
ClientSampleId :
EO-01-101322

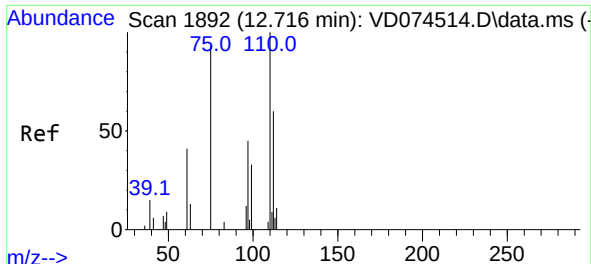
Tgt Ion:117 Resp: 139890
Ion Ratio Lower Upper
117 100
82 49.2 41.6 62.4
119 30.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

Tgt Ion:152 Resp: 50457
Ion Ratio Lower Upper
152 100
115 53.7 26.8 80.4
150 152.8 0.0 348.2

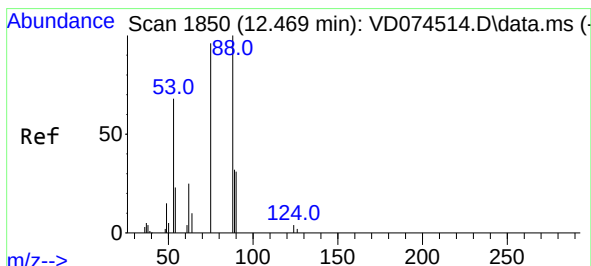
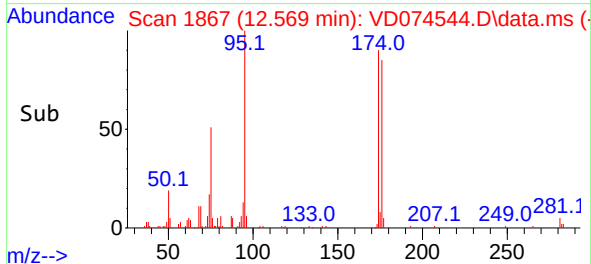
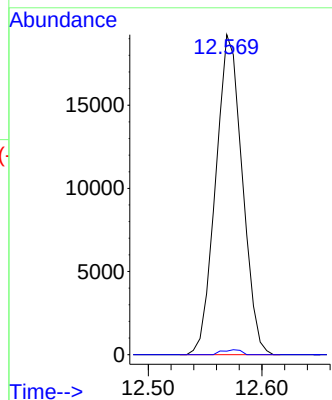
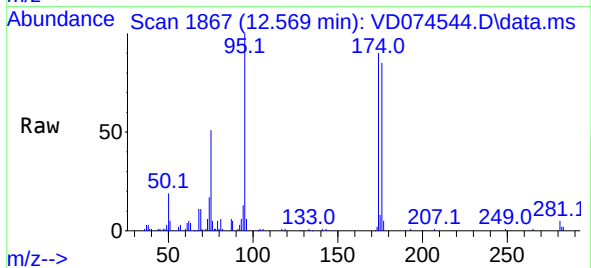




#76
1,2,3-Trichloropropane
Concen: 72.667 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

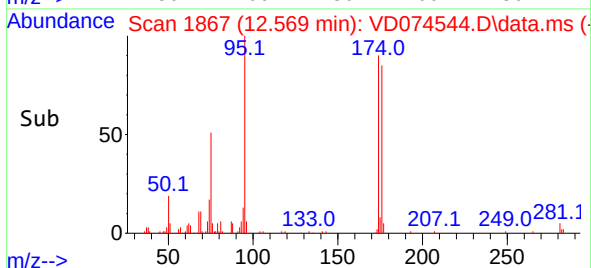
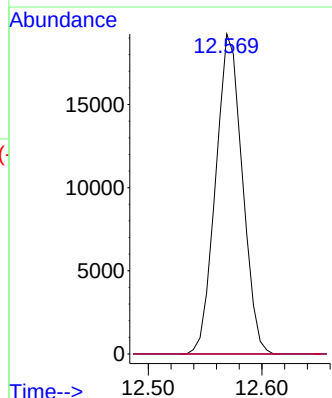
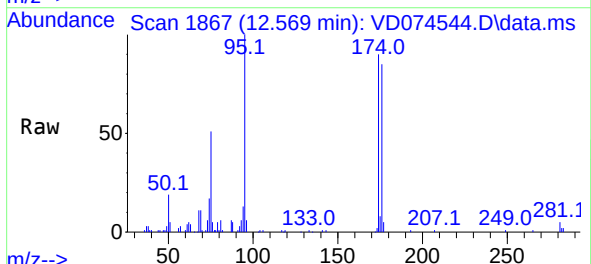
Instrument :
MSVOA_D
ClientSampleId :
EO-01-101322

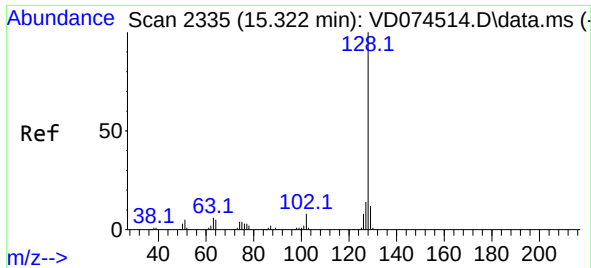
Tgt Ion: 75 Resp: 31335
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 184.328 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

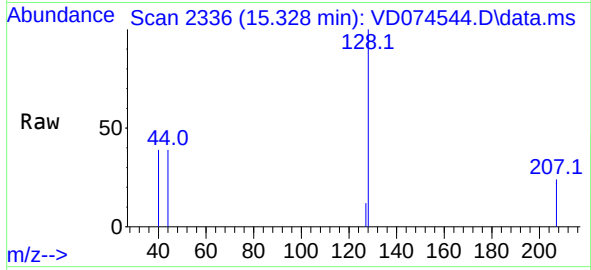
Tgt Ion: 75 Resp: 31335
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#





#95
Naphthalene
Concen: 1.074 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074544.D
Acq: 17 Oct 2022 14:59

Instrument :
MSVOA_D
ClientSampleId :
EO-01-101322



Tgt Ion:128 Resp: 2146

Ion	Ratio	Lower	Upper
128	100		
127	5.3	10.6	16.0#
129	6.2	8.3	12.5#

