

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076544.D
 Acq On : 22 Jun 2023 17:42
 Operator : KP/SY
 Sample : 03367-01
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-3-062123

Quant Time: Jun 23 06:37:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

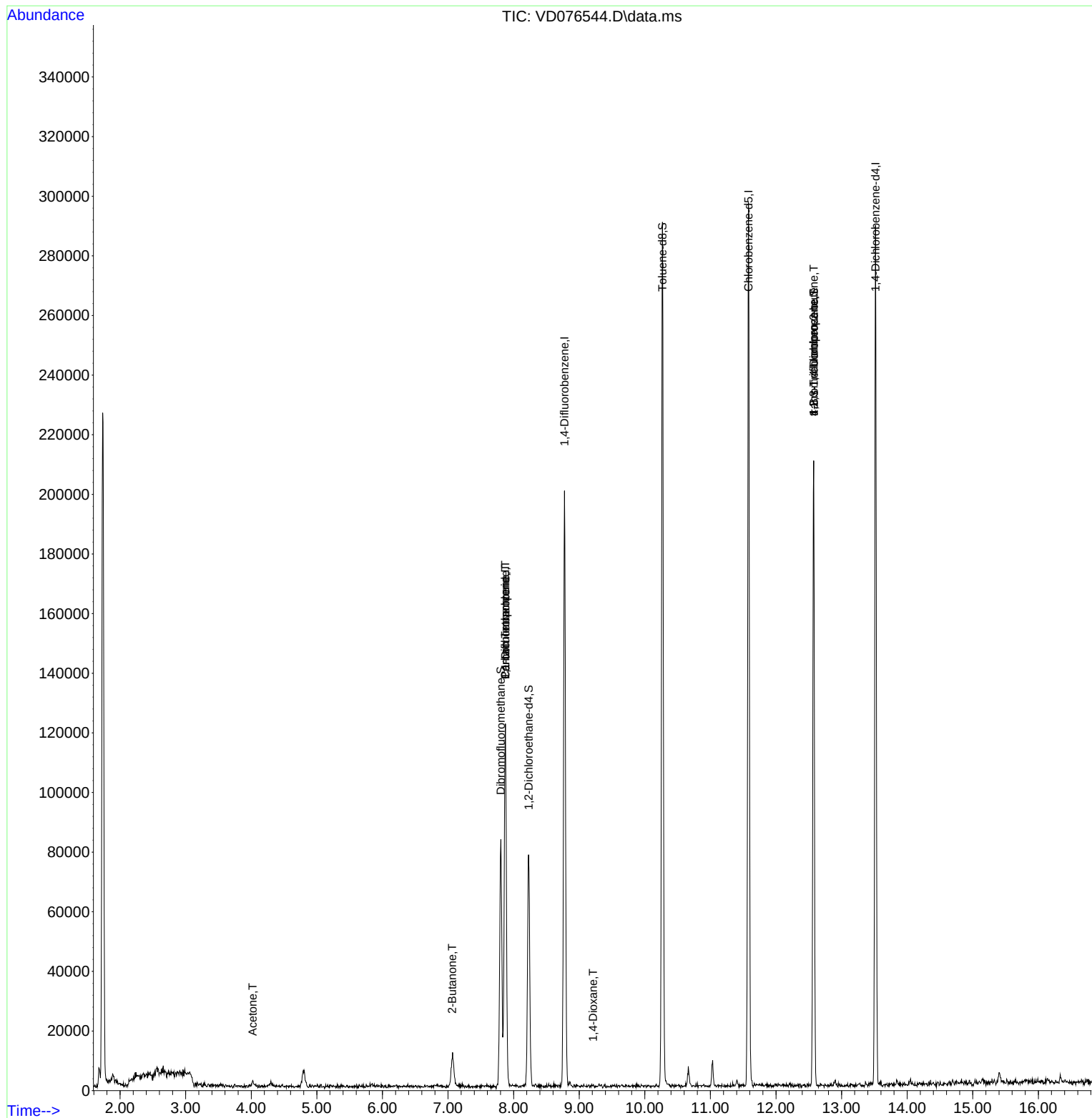
Internal Standards						
1) Pentafluorobenzene	7.875	168	94746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	174548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	164944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58377	61.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.000%	
35) Dibromofluoromethane	7.805	113	56110	54.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.269	98	199903	50.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	12.575	95	59974	46.991	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.980%	
Target Compounds						
16) Acetone	4.022	43	2908	12.873	ug/l #	75
20) Methylene Chloride	4.805	84	2168	Below Cal	#	80
25) 2-Butanone	7.063	43	589	1.686	ug/l #	37
28) Bromochloromethane	7.546	49	55	Below Cal	#	1
31) Cyclohexane	7.857	56	899	Below Cal	#	57
36) 1,1-Dichloropropene	7.875	75	7728	5.322	ug/l #	44
38) Carbon Tetrachloride	7.875	117	9445	7.277	ug/l #	16
49) 1,4-Dioxane	9.210	88	58	7.526	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	33341	45.388	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	33341	99.456	ug/l #	17

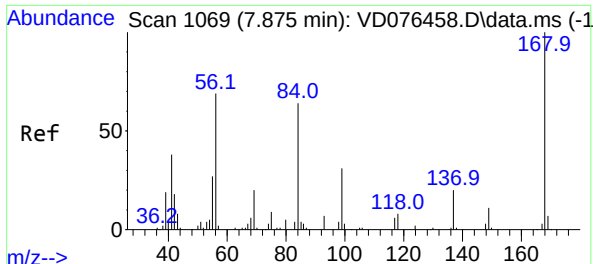
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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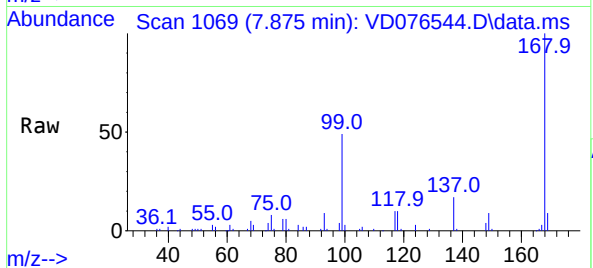
Quant Time: Jun 23 06:37:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration



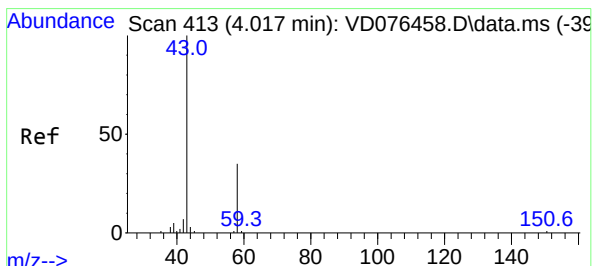
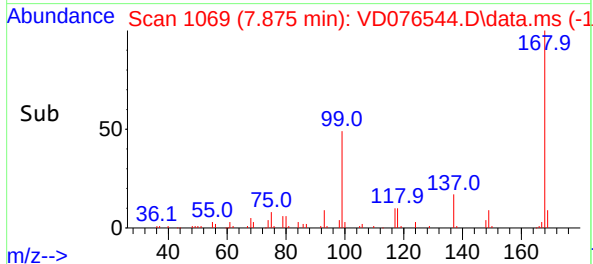
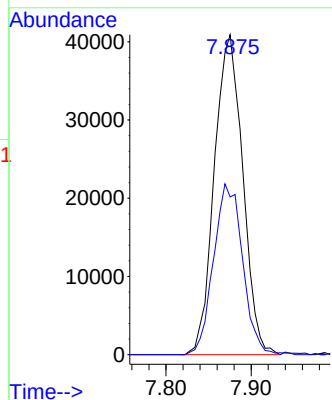


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076544.D
Acq: 22 Jun 2023 17:42

Instrument :
MSVOA_D
ClientSampleId :
EO-3-062123

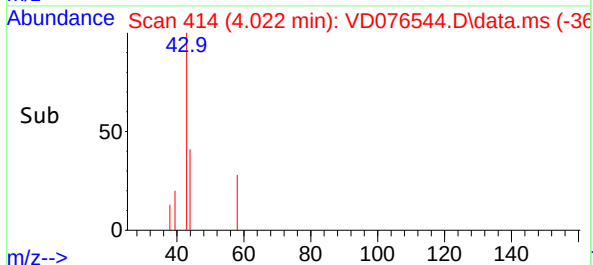
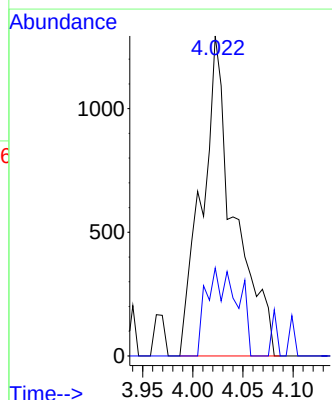
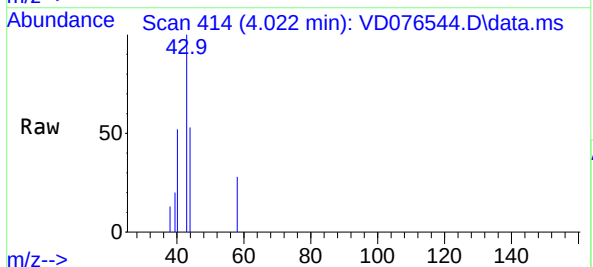


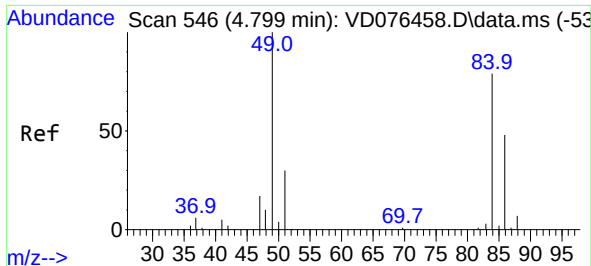
Tgt Ion:168 Resp: 94746
Ion Ratio Lower Upper
168 100
99 49.3 36.7 55.1



#16
Acetone
Concen: 12.873 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076544.D
Acq: 22 Jun 2023 17:42

Tgt Ion: 43 Resp: 2908
Ion Ratio Lower Upper
43 100
58 27.5 34.7 52.1#

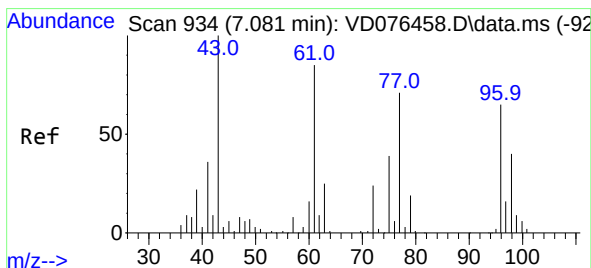
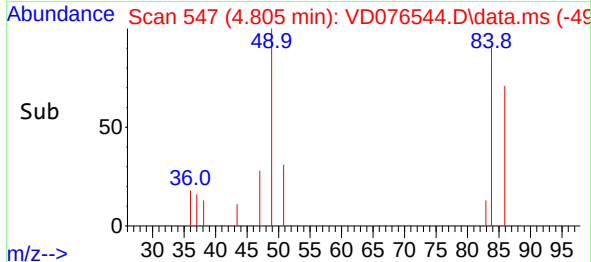
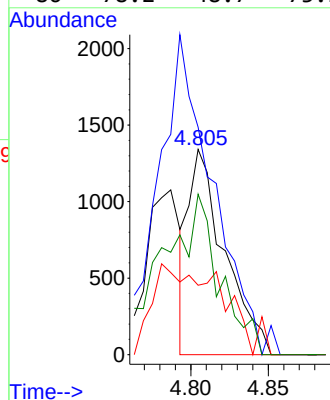
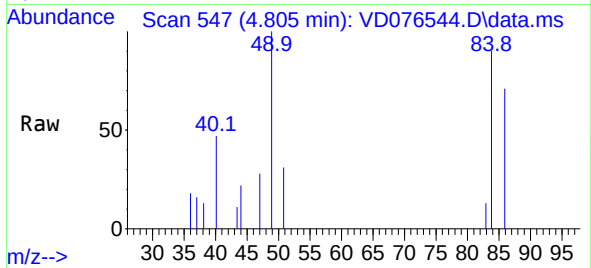




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD076544.D
Acq: 22 Jun 2023 17:42

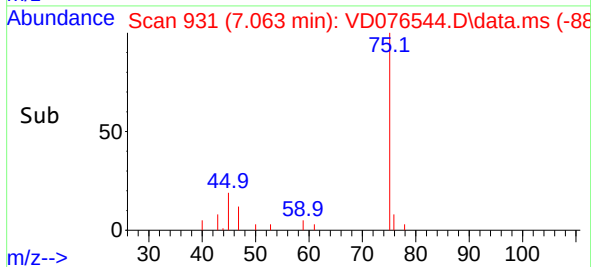
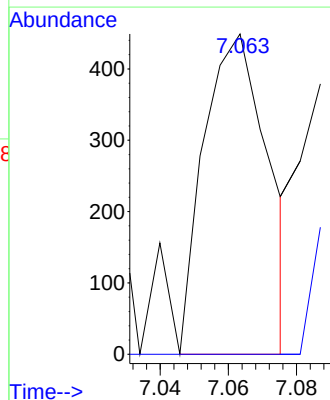
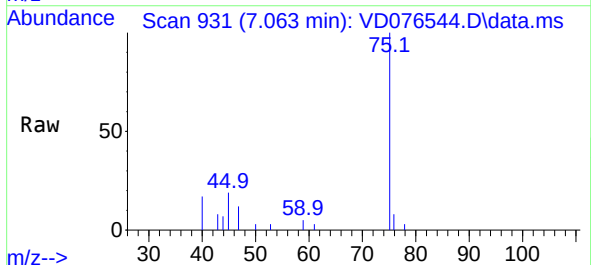
Instrument :
MSVOA_D
ClientSampleId :
EO-3-062123

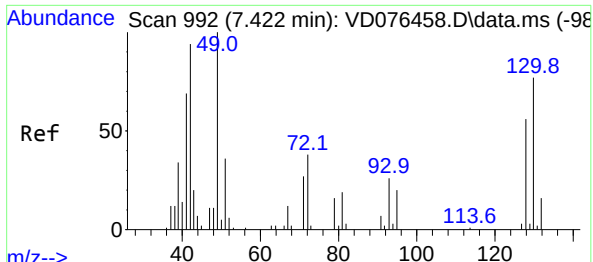
Tgt Ion: 84 Resp: 2168
Ion Ratio Lower Upper
84 100
49 110.9 71.4 107.2#
51 33.9 24.5 36.7
86 78.2 48.7 73.1#



#25
2-Butanone
Concen: 1.686 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD076544.D
Acq: 22 Jun 2023 17:42

Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#

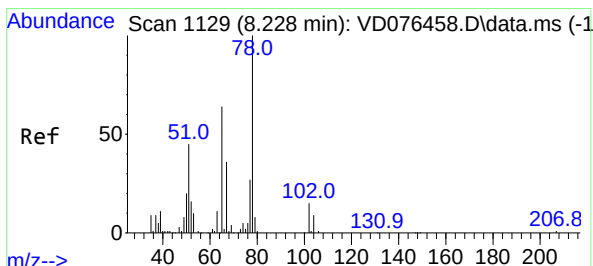
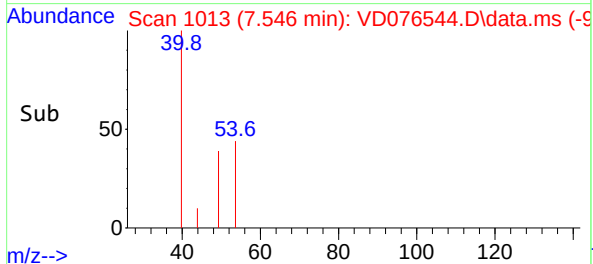
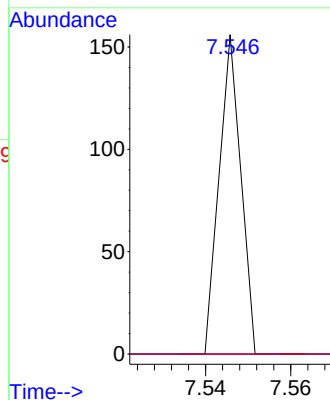
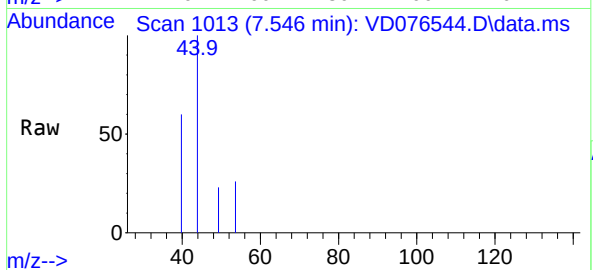




#28
Bromochloromethane
Concen: Below Cal
RT: 7.546 min Scan# 1013
Delta R.T. 0.124 min
Lab File: VD076544.D
Acq: 22 Jun 2023 17:42

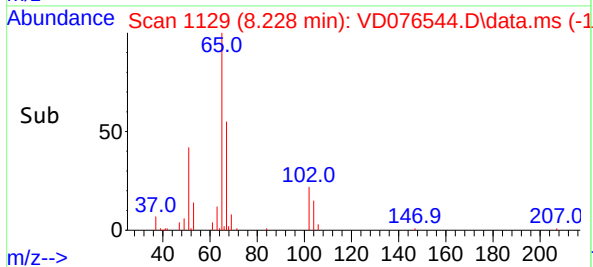
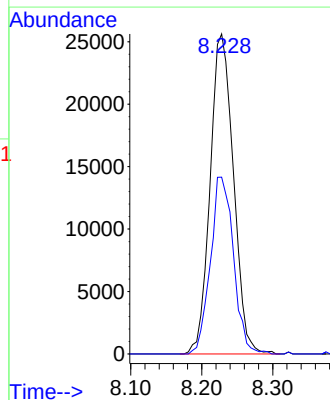
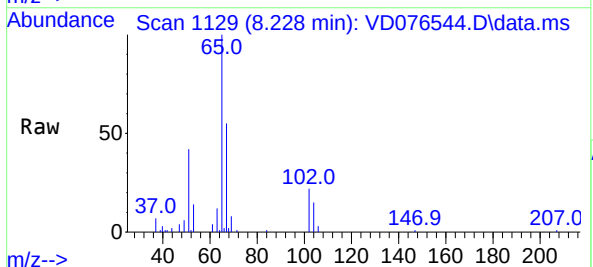
Instrument :
MSVOA_D
ClientSampleId :
EO-3-062123

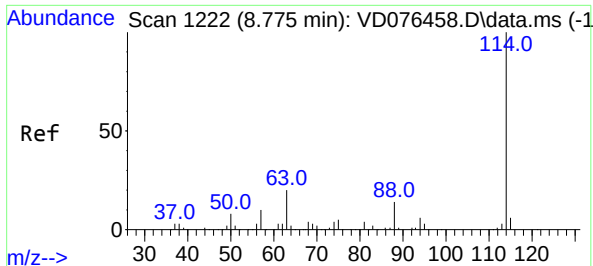
Tgt Ion: 49 Resp: 55
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 61.496 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076544.D
Acq: 22 Jun 2023 17:42

Tgt Ion: 65 Resp: 58377
Ion Ratio Lower Upper
65 100
67 54.8 0.0 115.0

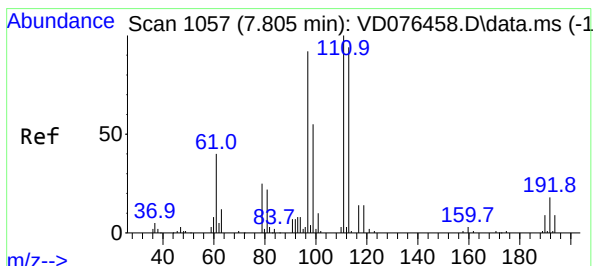
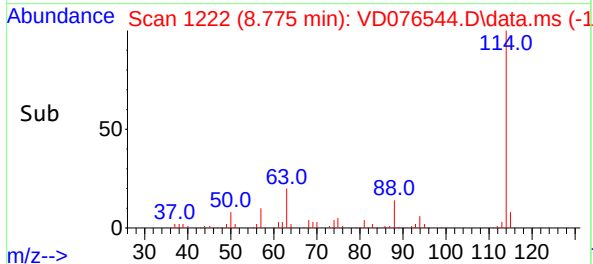
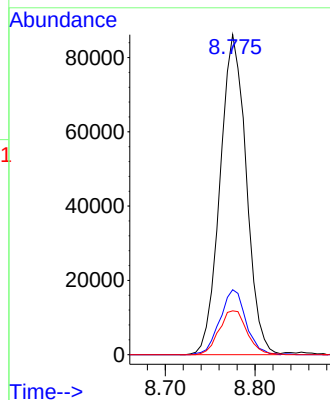
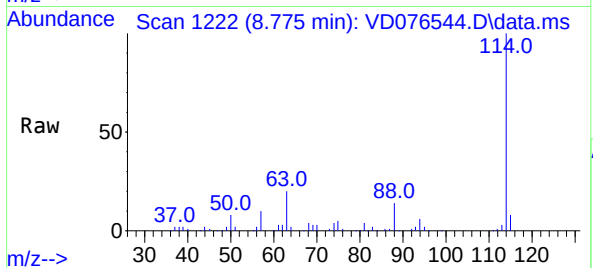




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076544.D
Acq: 22 Jun 2023 17:42

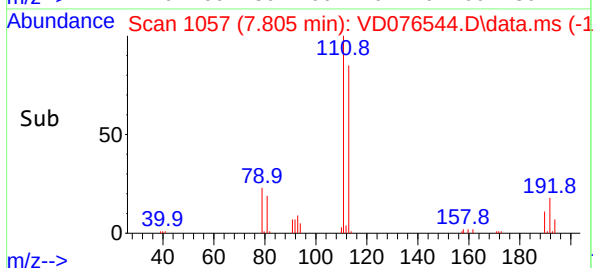
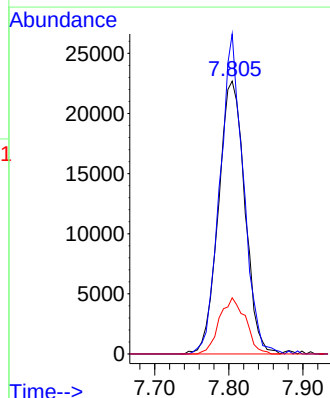
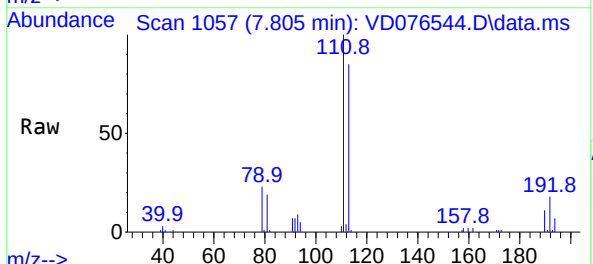
Instrument :
MSVOA_D
ClientSampleId :
EO-3-062123

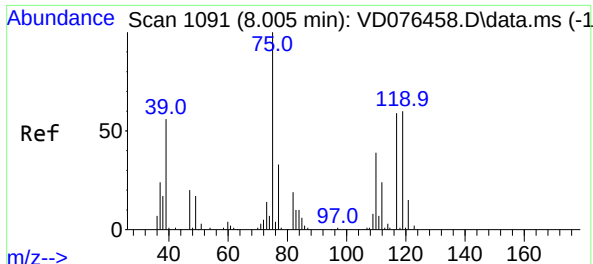
Tgt Ion:114 Resp: 174548
Ion Ratio Lower Upper
114 100
63 20.3 0.0 33.4
88 13.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 54.111 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076544.D
Acq: 22 Jun 2023 17:42

Tgt Ion:113 Resp: 56110
Ion Ratio Lower Upper
113 100
111 104.5 84.7 127.1
192 20.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.322 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD076544.D

Acq: 22 Jun 2023 17:42

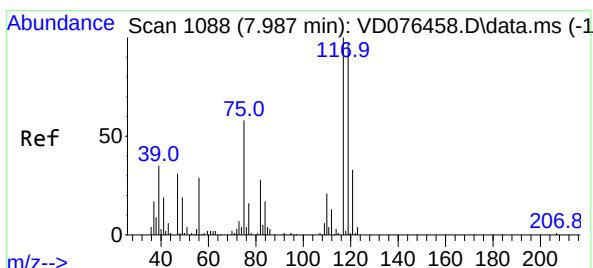
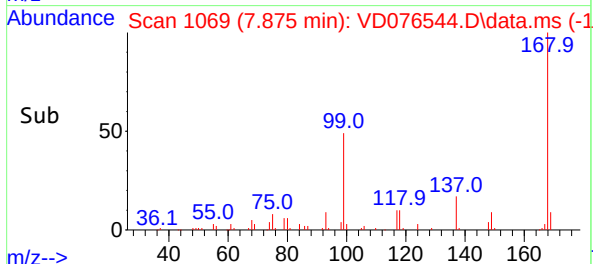
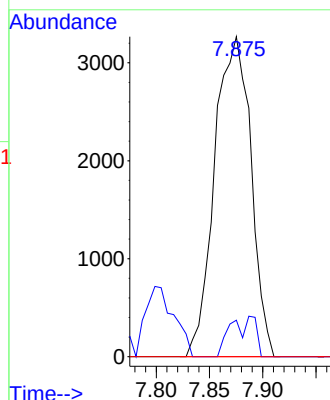
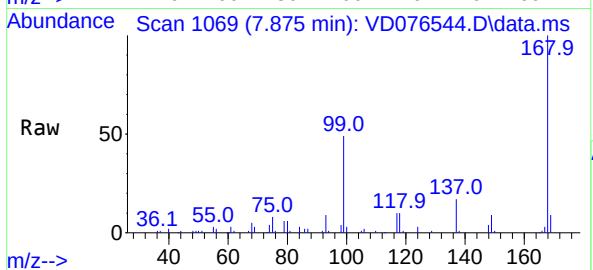
Instrument :

MSVOA_D

ClientSampleId :

EO-3-062123

Tgt Ion:	75	Resp:	7728
Ion	Ratio	Lower	Upper
75	100		
110	5.0	19.9	59.6#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 7.277 ug/l

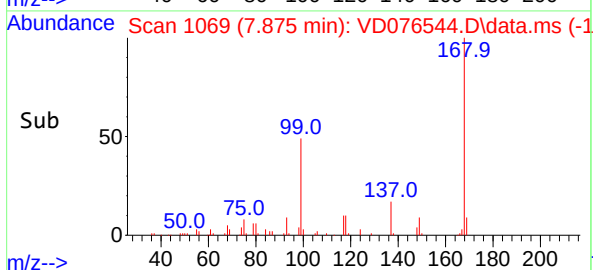
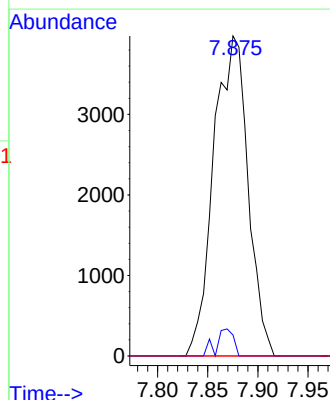
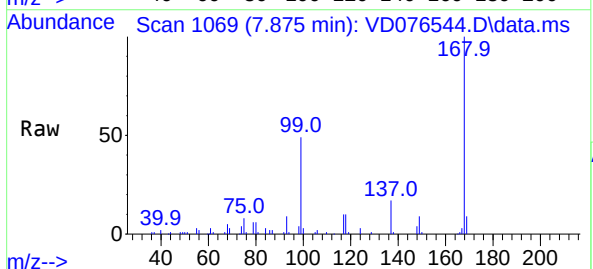
RT: 7.875 min Scan# 1069

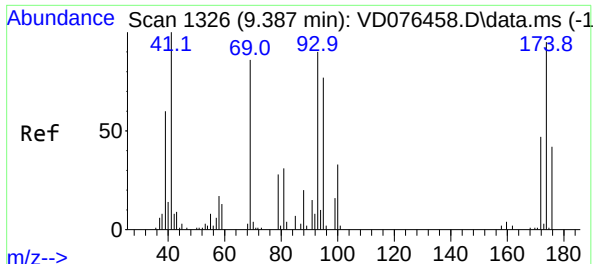
Delta R.T. -0.112 min

Lab File: VD076544.D

Acq: 22 Jun 2023 17:42

Tgt Ion:	117	Resp:	9445
Ion	Ratio	Lower	Upper
117	100		
119	6.5	78.0	117.0#
121	0.0	24.2	36.2#





#49

1,4-Dioxane

Concen: 7.526 ug/l

RT: 9.210 min Scan# 1296

Delta R.T. -0.176 min

Lab File: VD076544.D

Acq: 22 Jun 2023 17:42

Instrument :

MSVOA_D

ClientSampleId :

EO-3-062123

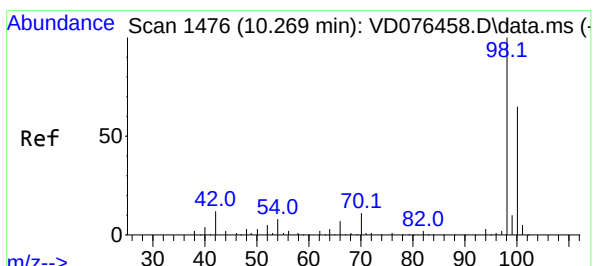
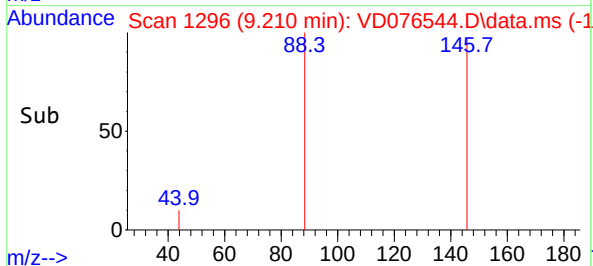
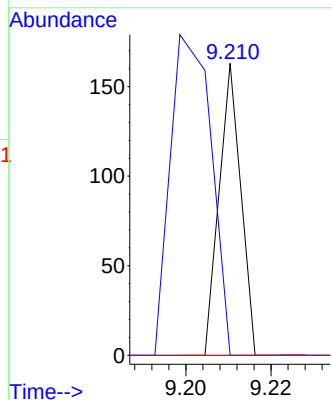
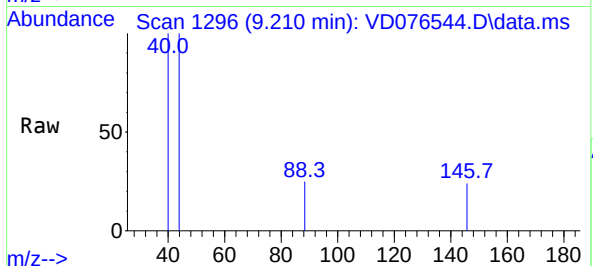
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

43 205.2 19.0 28.6#

58 0.0 43.5 65.3#



#50

Toluene-d8

Concen: 50.833 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076544.D

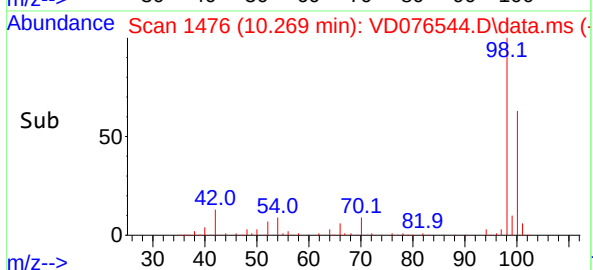
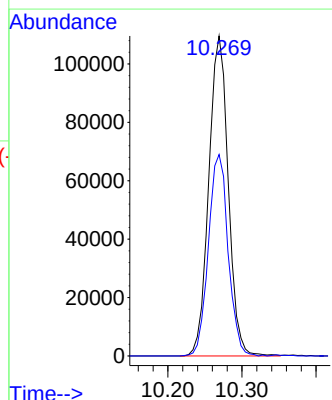
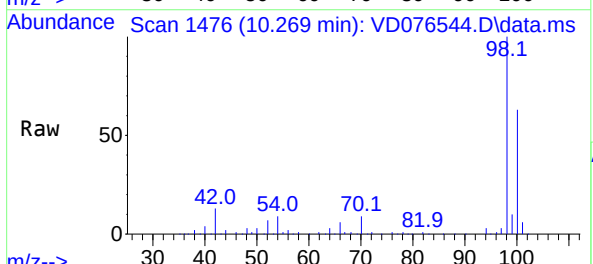
Acq: 22 Jun 2023 17:42

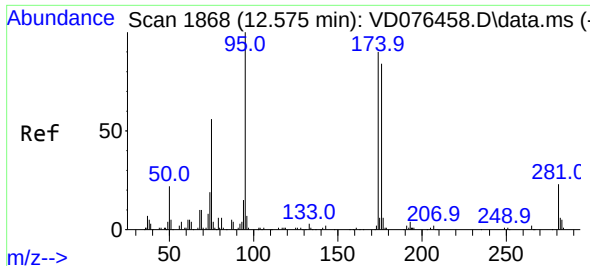
Tgt Ion: 98 Resp: 199903

Ion Ratio Lower Upper

98 100

100 63.8 50.3 75.5

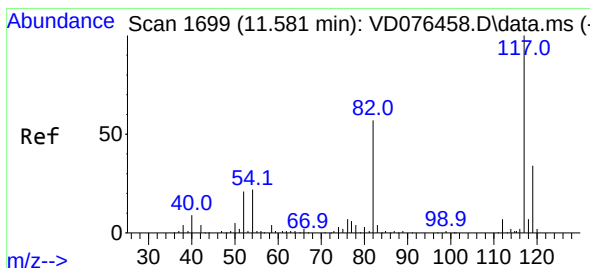
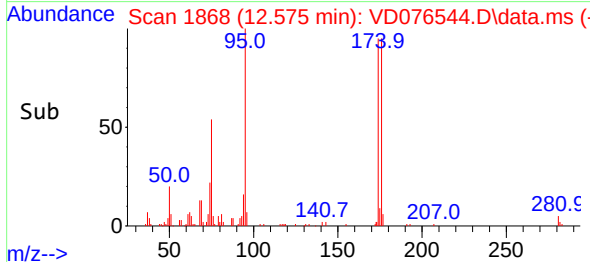
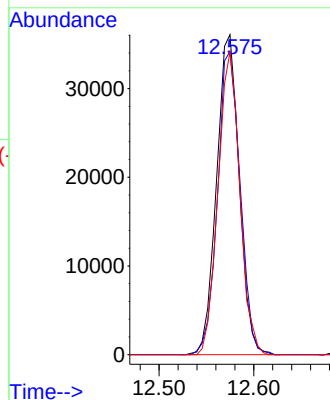
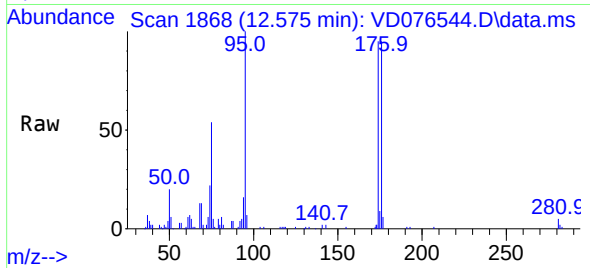




#62
4-Bromofluorobenzene
Concen: 46.991 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076544.D
Acq: 22 Jun 2023 17:42

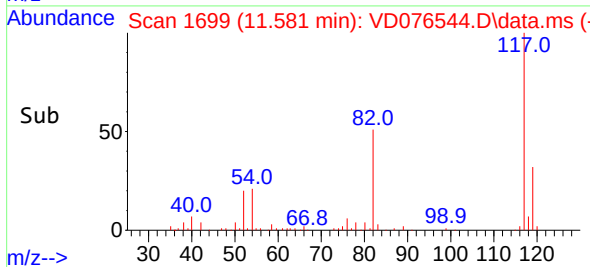
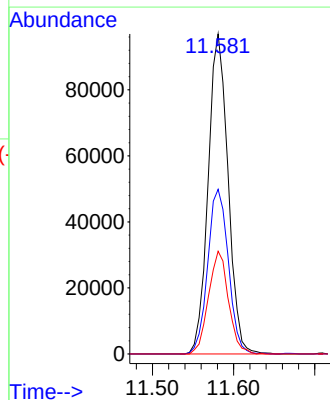
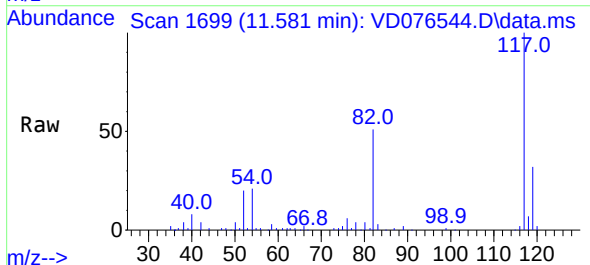
Instrument :
MSVOA_D
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EO-3-062123

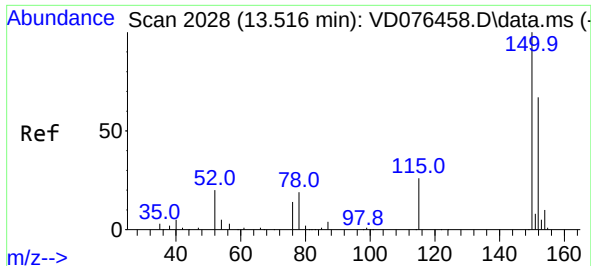
Tgt Ion:	95	Resp:	59974
Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	201.8
176	90.7	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076544.D
Acq: 22 Jun 2023 17:42

Tgt Ion:	117	Resp:	164944
Ion	Ratio	Lower	Upper
117	100		
82	51.4	38.3	57.5
119	32.1	25.0	37.4

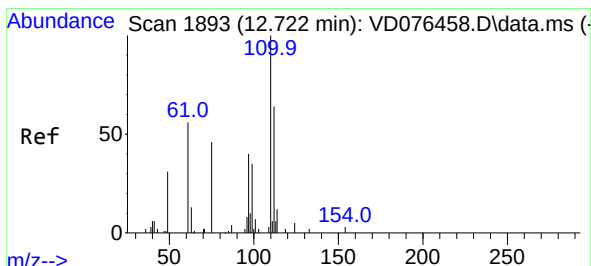
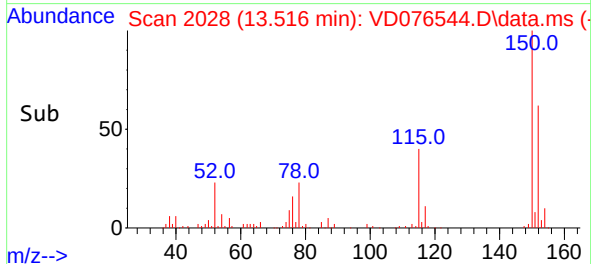
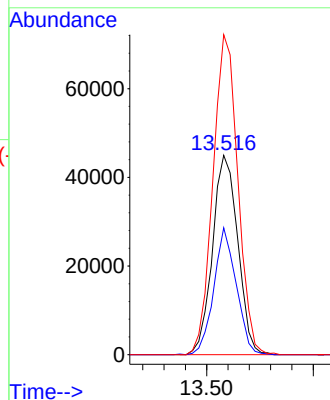
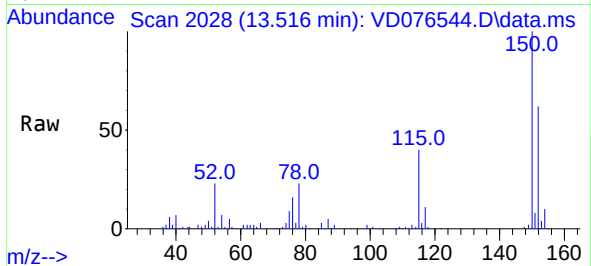




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076544.D
Acq: 22 Jun 2023 17:42

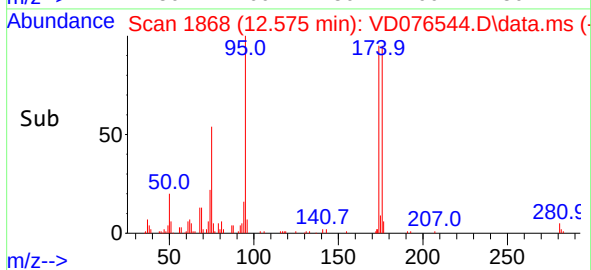
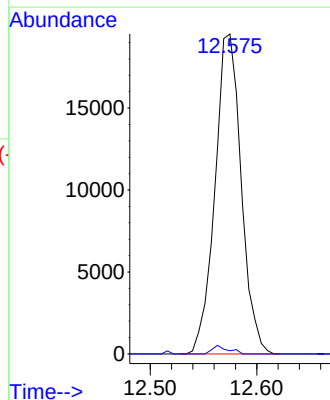
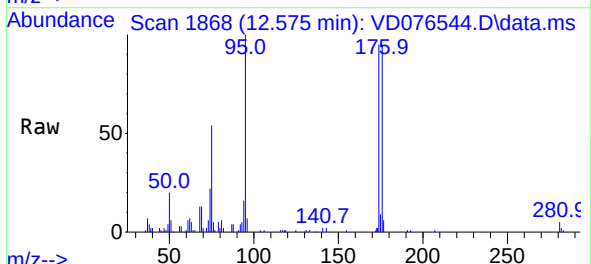
Instrument :
MSVOA_D
ClientSampleId :
EO-3-062123

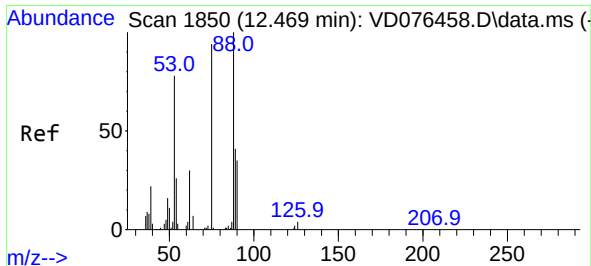
Tgt Ion:152 Resp: 74014
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 158.1 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 45.388 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076544.D
Acq: 22 Jun 2023 17:42

Tgt Ion: 75 Resp: 33341
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.456 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076544.D
 Acq: 22 Jun 2023 17:42

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-3-062123

Tgt Ion: 75 Resp: 33341
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

