

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074319.D
 Acq On : 15 Sep 2022 20:19
 Operator : VA/SY
 Sample : N4527-01
 Misc : 5.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-091422

Quant Time: Sep 16 05:55:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

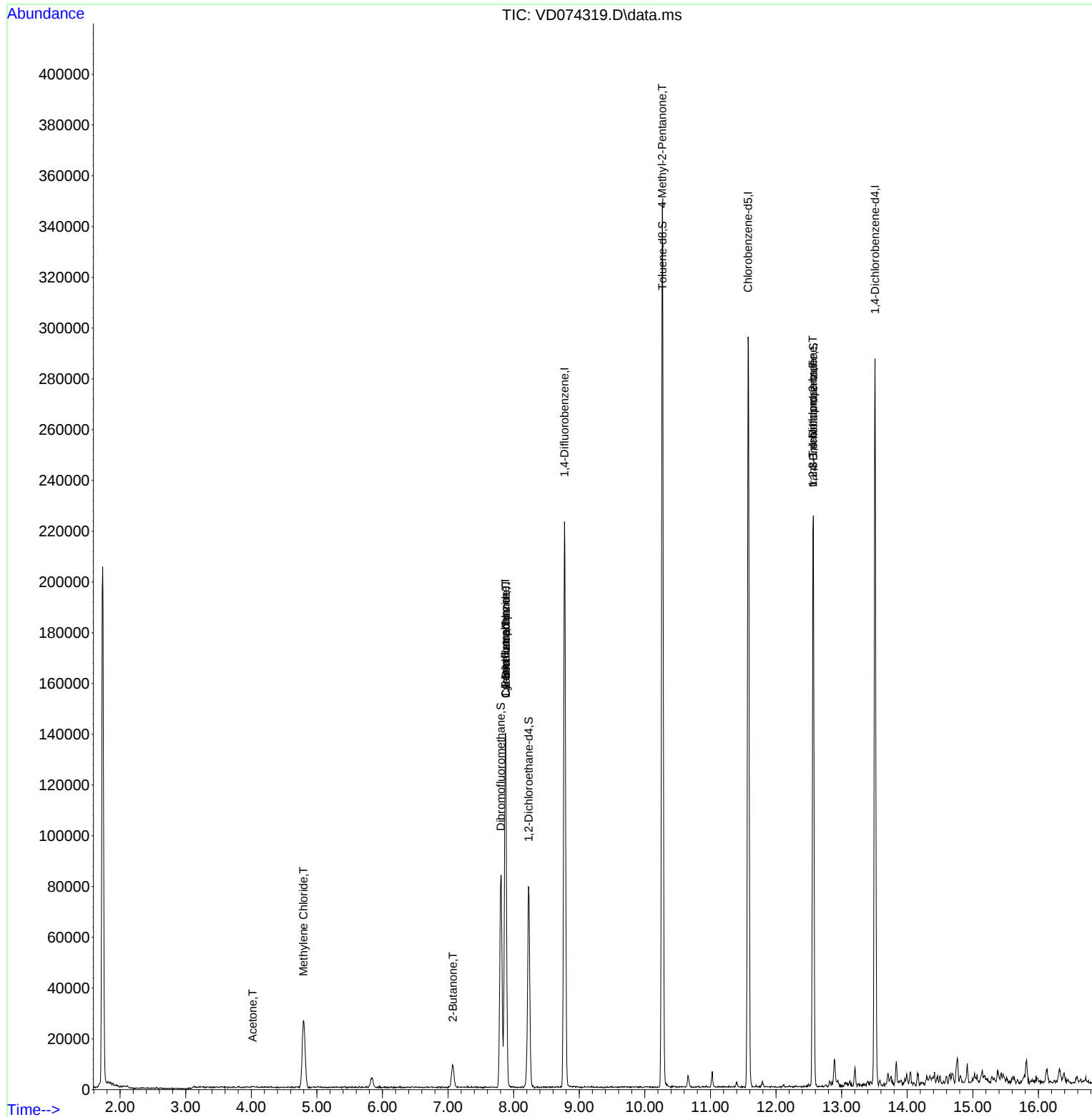
Internal Standards						
1) Pentafluorobenzene	7.875	168	109268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	174832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	77052	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60925	54.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.380%	
35) Dibromofluoromethane	7.804	113	62165	46.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.400%	
50) Toluene-d8	10.269	98	245557	50.599	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.569	95	69765	39.742	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.480%	
Target Compounds						
16) Acetone	4.022	43	923	4.014	ug/l #	42
20) Methylene Chloride	4.793	84	21014	10.168	ug/l	95
25) 2-Butanone	7.075	43	527	1.374	ug/l #	48
31) Cyclohexane	7.881	56	2379	1.033	ug/l #	55
36) 1,1-Dichloropropene	7.881	75	8227	3.839	ug/l #	49
38) Carbon Tetrachloride	7.881	117	10571	5.453	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	1108	1.221	ug/l #	1
76) 1,2,3-Trichloropropane	12.563	75	36794	46.581	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	36794	114.847	ug/l #	100

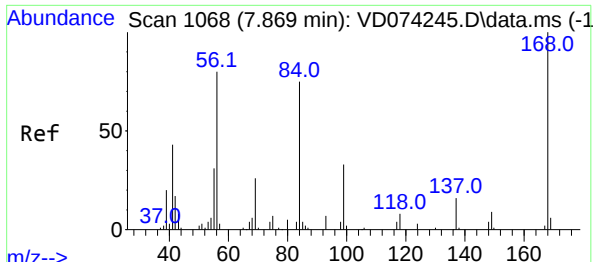
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

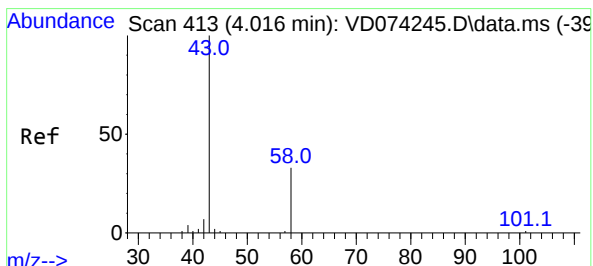
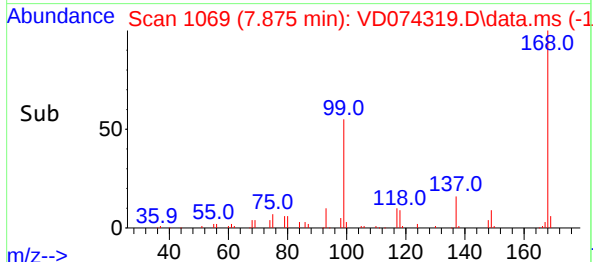
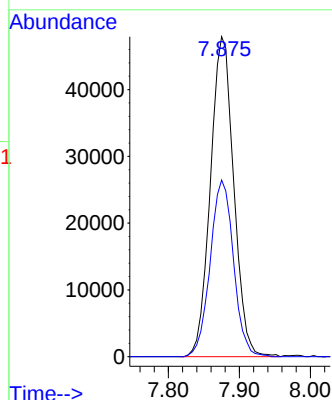
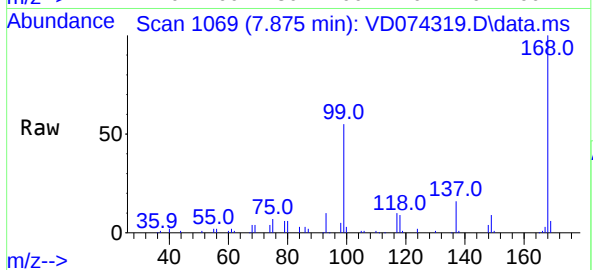




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

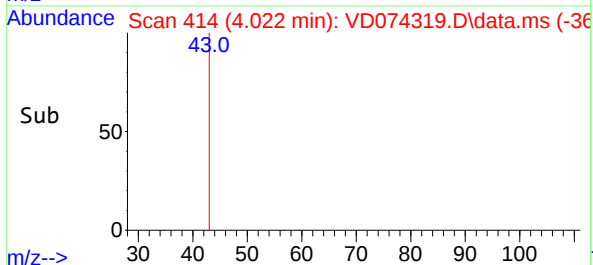
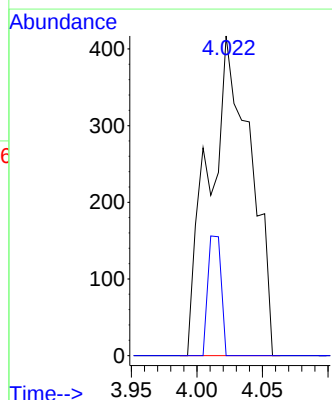
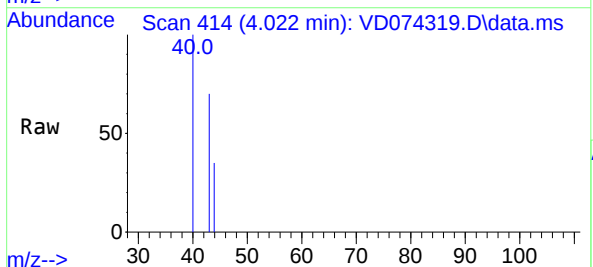
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-091422

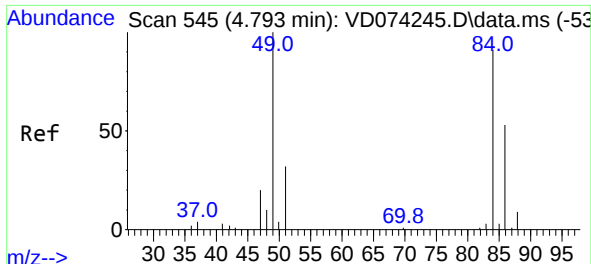
Tgt Ion:168 Resp: 109268
Ion Ratio Lower Upper
168 100
99 55.2 43.0 64.6



#16
Acetone
Concen: 4.014 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

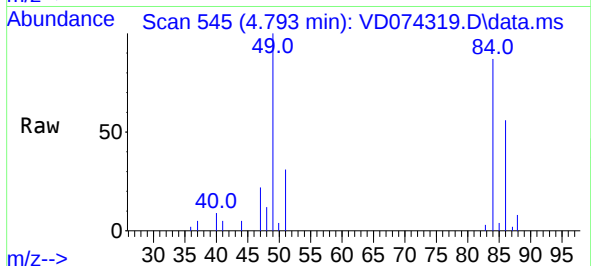
Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#





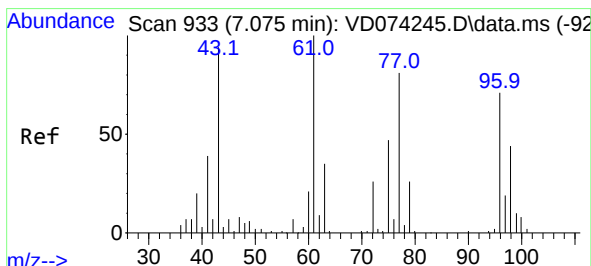
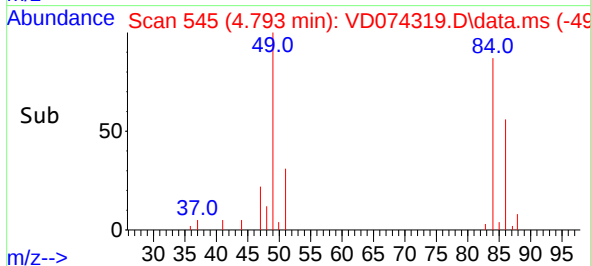
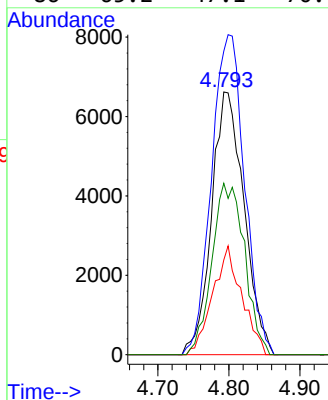
#20
Methylene Chloride
Concen: 10.168 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-091422



Tgt Ion: 84 Resp: 21014

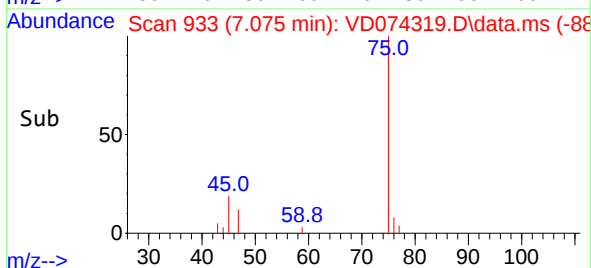
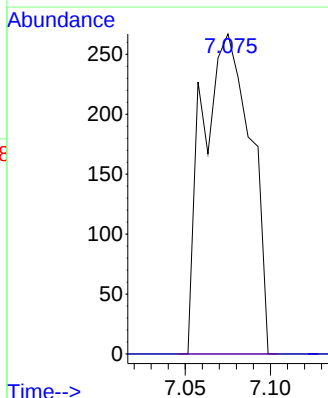
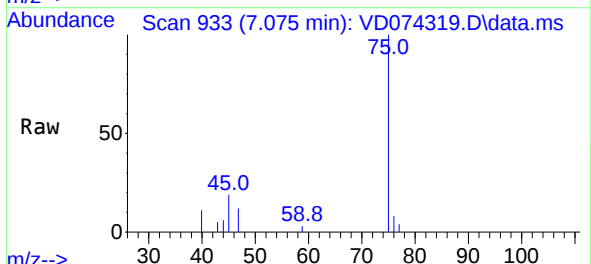
Ion	Ratio	Lower	Upper
84	100		
49	115.5	88.4	132.6
51	36.1	28.0	42.0
86	65.2	47.1	70.7

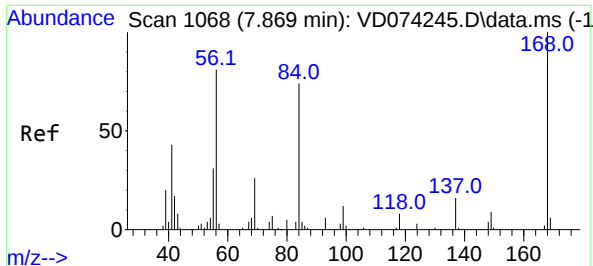


#25
2-Butanone
Concen: 1.374 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

Tgt Ion: 43 Resp: 527

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#

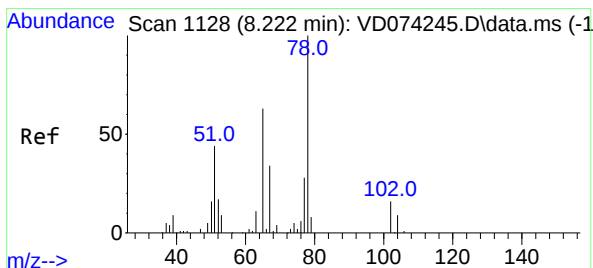
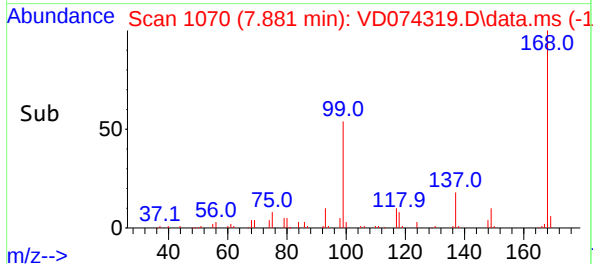
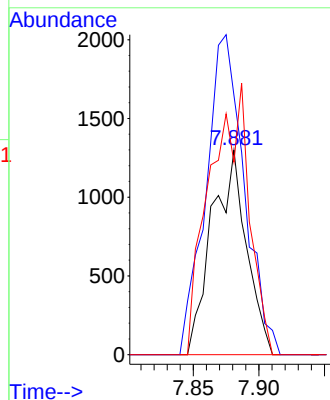
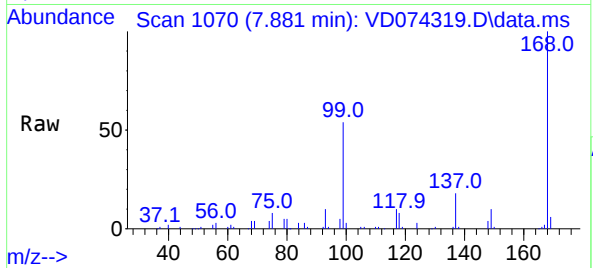




#31
Cyclohexane
Concen: 1.033 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.012 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

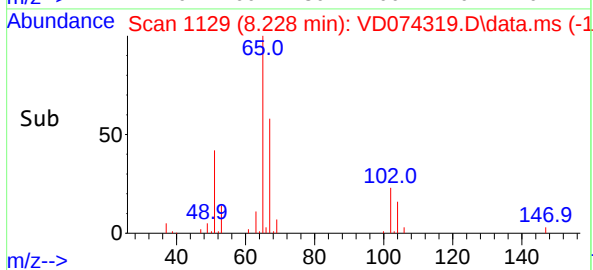
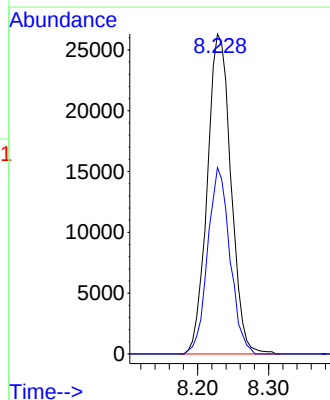
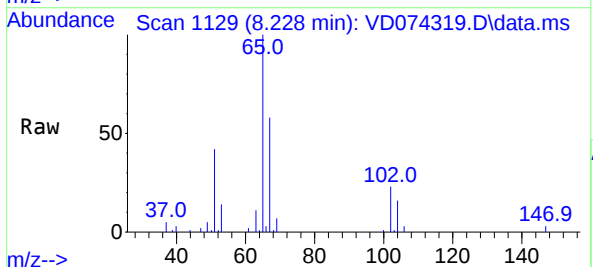
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-091422

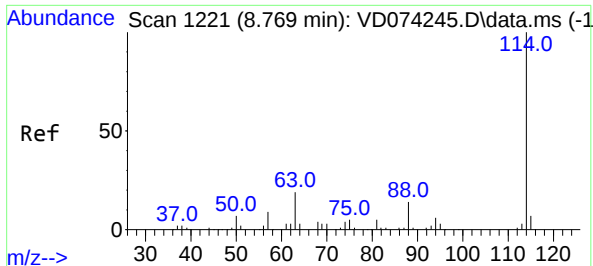
Tgt Ion: 56 Resp: 2379
Ion Ratio Lower Upper
56 100
69 126.8 25.7 38.5#
84 94.1 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 54.690 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

Tgt Ion: 65 Resp: 60925
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074319.D

Acq: 15 Sep 2022 20:19

Instrument :

MSVOA_Y

ClientSampleId :

EO-3-091422

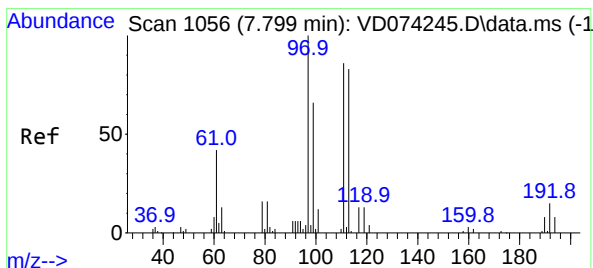
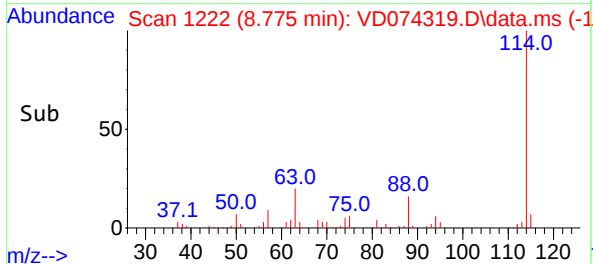
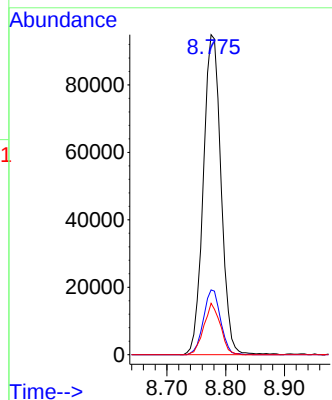
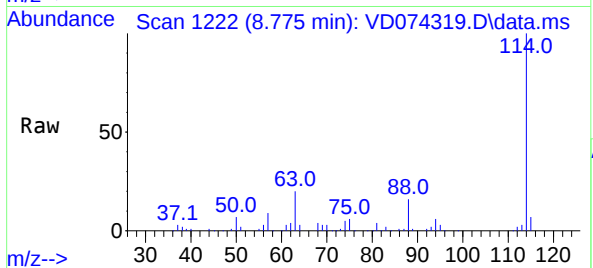
Tgt Ion:114 Resp: 197975

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.6

88 16.0 0.0 28.4



#35

Dibromofluoromethane

Concen: 46.704 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074319.D

Acq: 15 Sep 2022 20:19

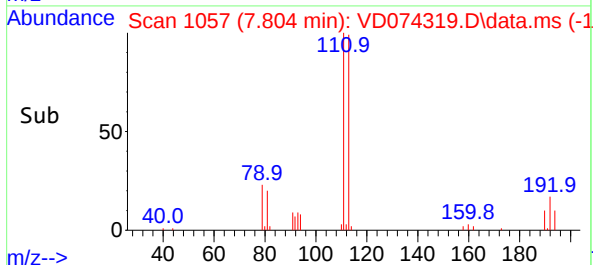
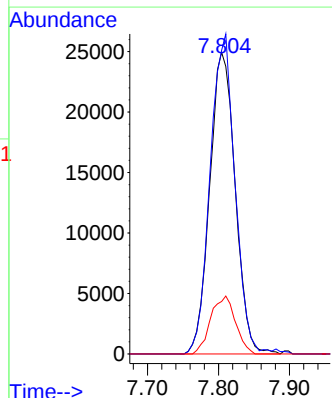
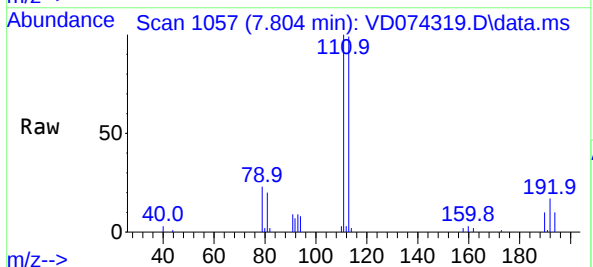
Tgt Ion:113 Resp: 62165

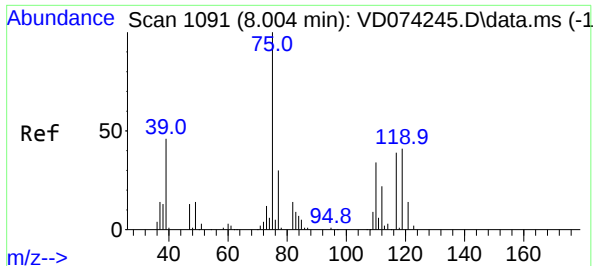
Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

192 18.6 16.2 24.2





#36

1,1-Dichloropropene

Concen: 3.839 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD074319.D

Acq: 15 Sep 2022 20:19

Instrument :

MSVOA_Y

ClientSampleId :

EO-3-091422

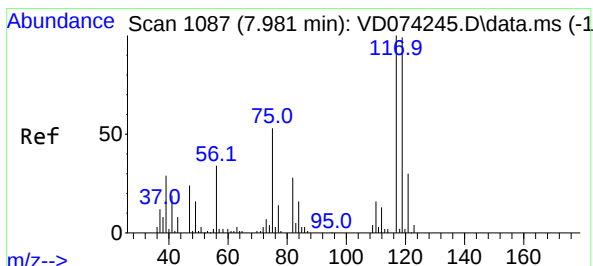
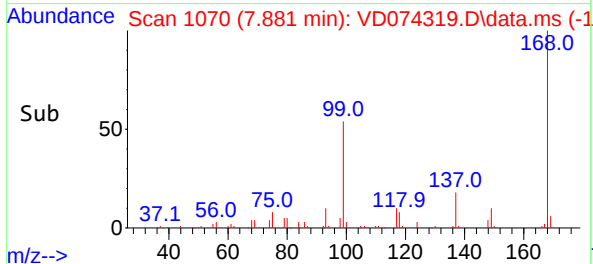
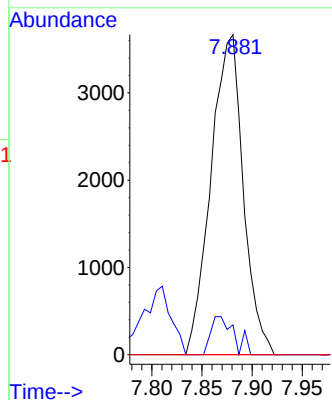
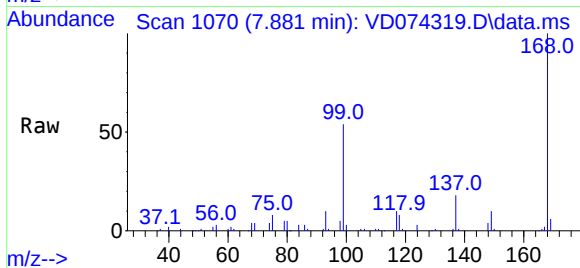
Tgt Ion: 75 Resp: 8227

Ion Ratio Lower Upper

75 100

110 8.6 17.5 52.5#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.453 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.100 min

Lab File: VD074319.D

Acq: 15 Sep 2022 20:19

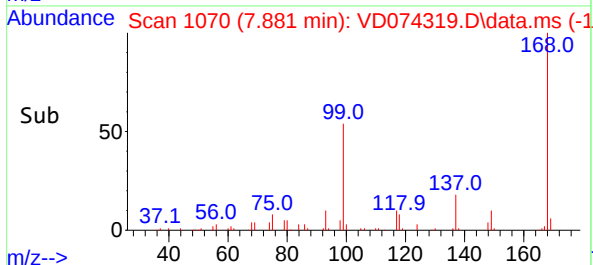
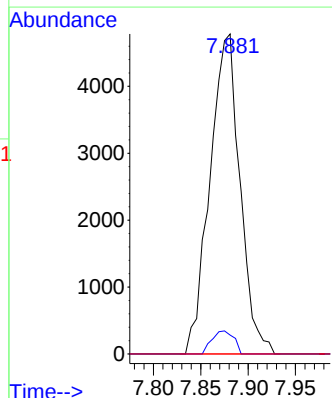
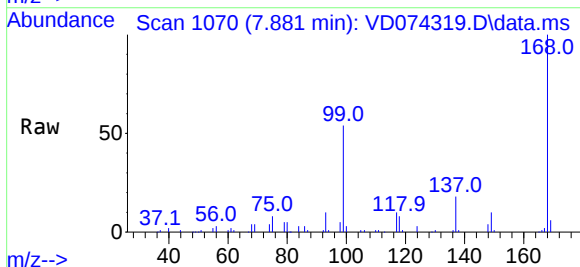
Tgt Ion: 117 Resp: 10571

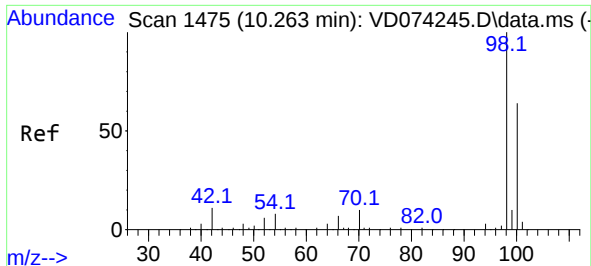
Ion Ratio Lower Upper

117 100

119 5.9 78.8 118.2#

121 0.0 23.9 35.9#

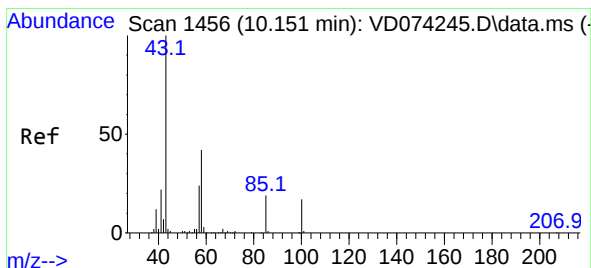
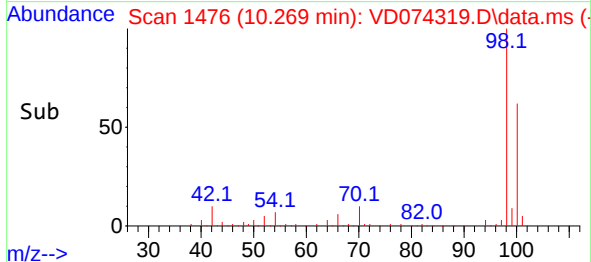
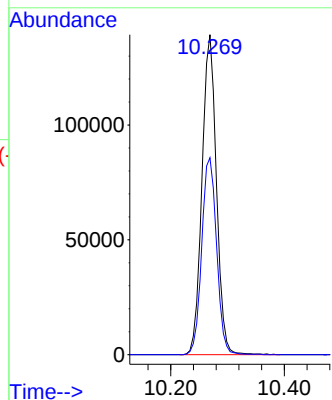
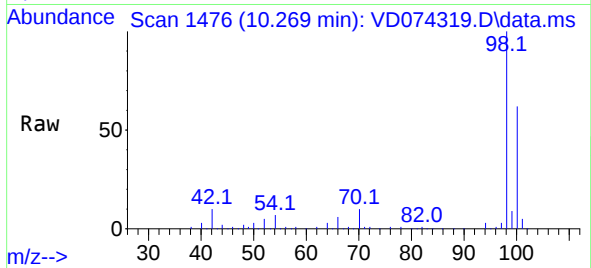




#50
Toluene-d8
Concen: 50.599 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

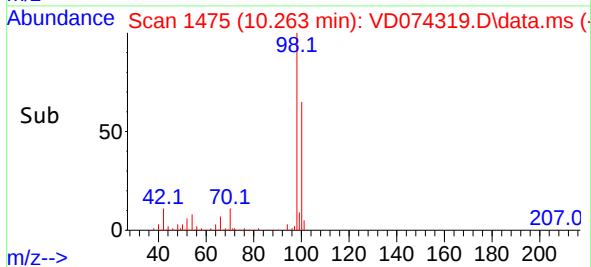
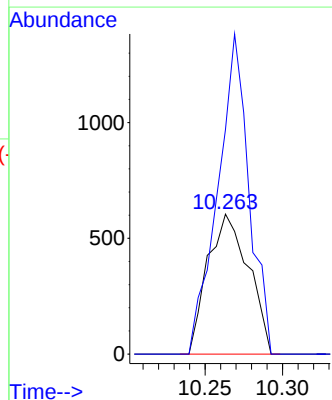
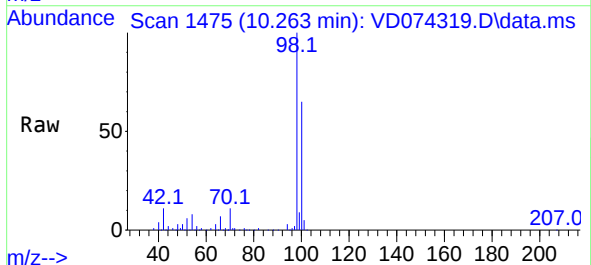
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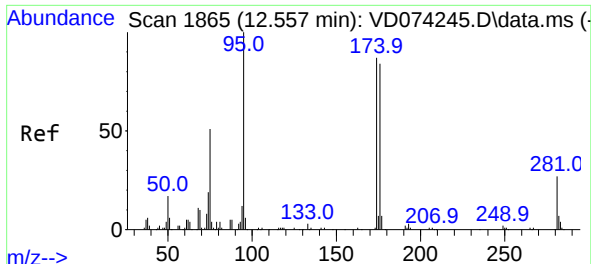
Tgt Ion: 98 Resp: 245557
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.221 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.112 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

Tgt Ion: 43 Resp: 1108
Ion Ratio Lower Upper
43 100
58 175.0 33.3 49.9#

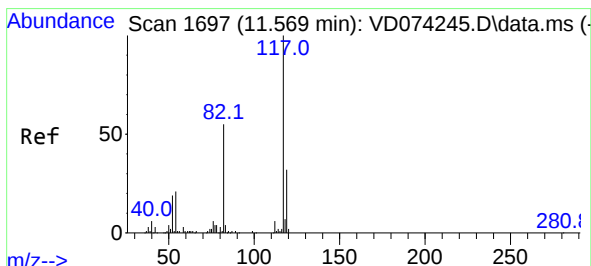
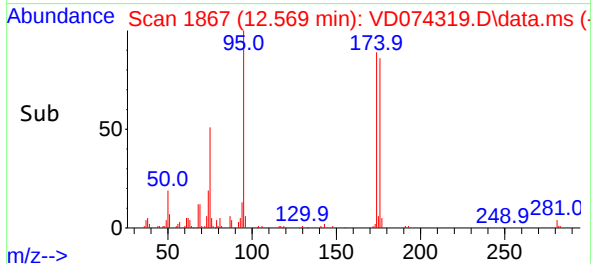
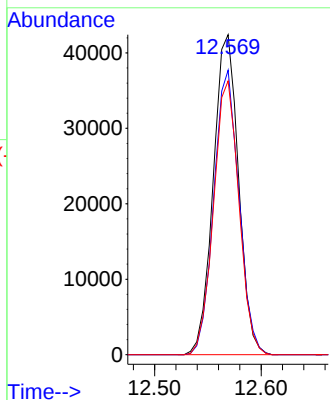
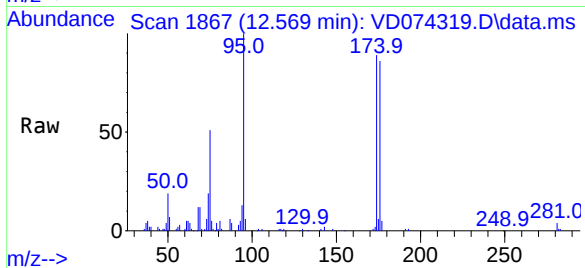




#62
4-Bromofluorobenzene
Concen: 39.742 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

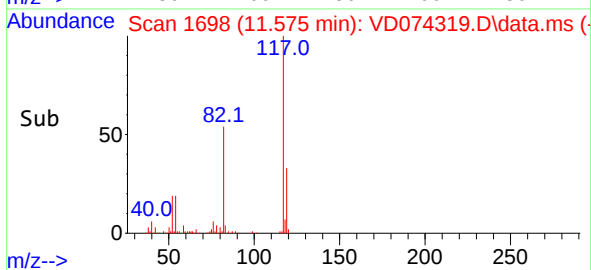
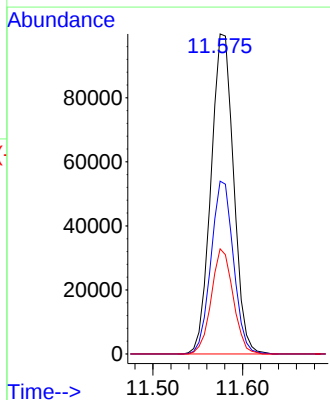
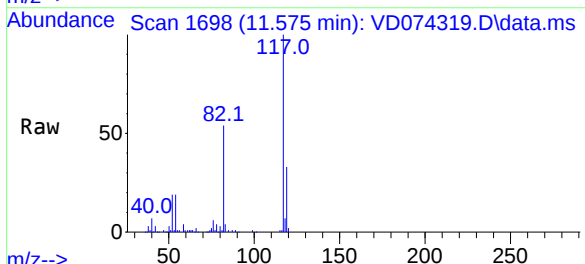
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-091422

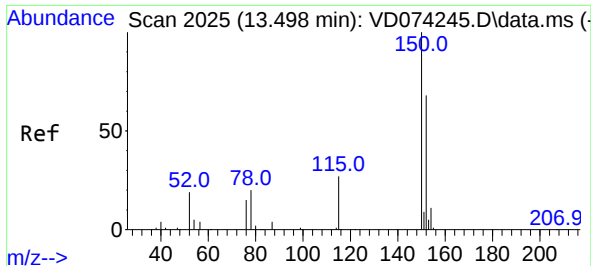
Tgt Ion: 95 Resp: 69765
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.2
176 85.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

Tgt Ion: 117 Resp: 174832
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.8 25.4 38.0

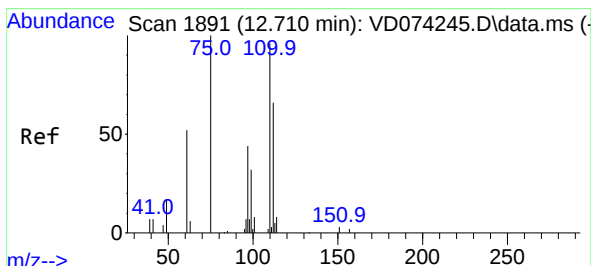
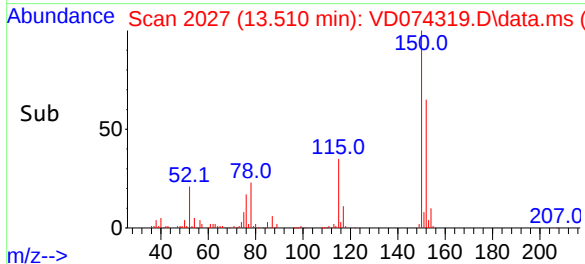
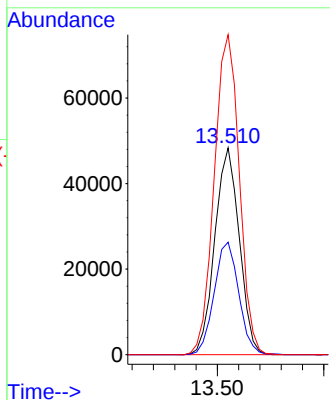
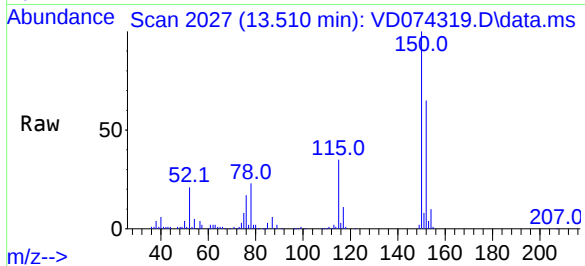




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.012 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

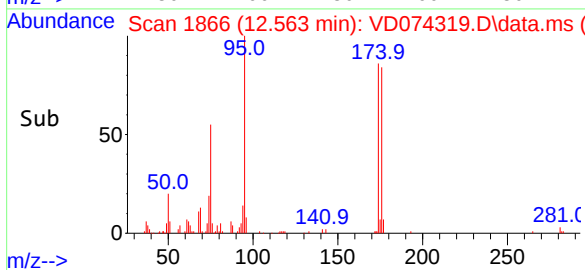
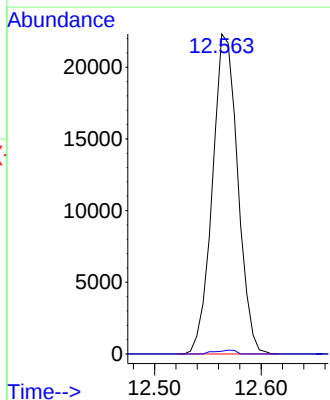
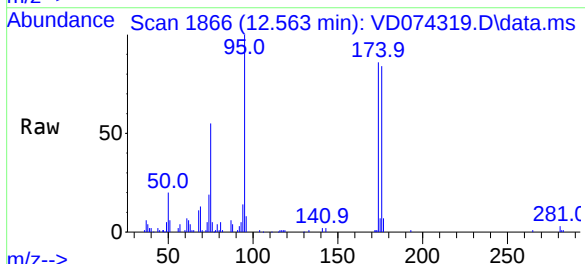
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-091422

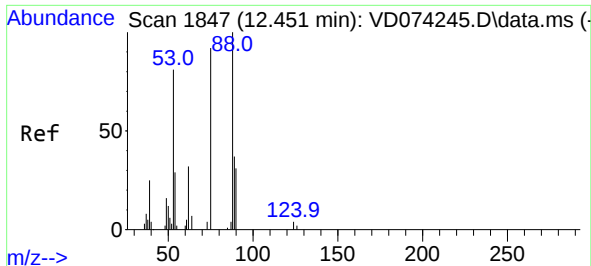
Tgt Ion:152 Resp: 77052
Ion Ratio Lower Upper
152 100
115 54.8 28.4 85.2
150 158.3 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 46.581 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

Tgt Ion: 75 Resp: 36794
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 114.847 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-091422

Tgt Ion: 75 Resp: 36794
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

