

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072166.D
 Acq On : 14 Mar 2022 14:09
 Operator : VA/SY
 Sample : N1874-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-030922RE

Quant Time: Mar 15 01:23:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

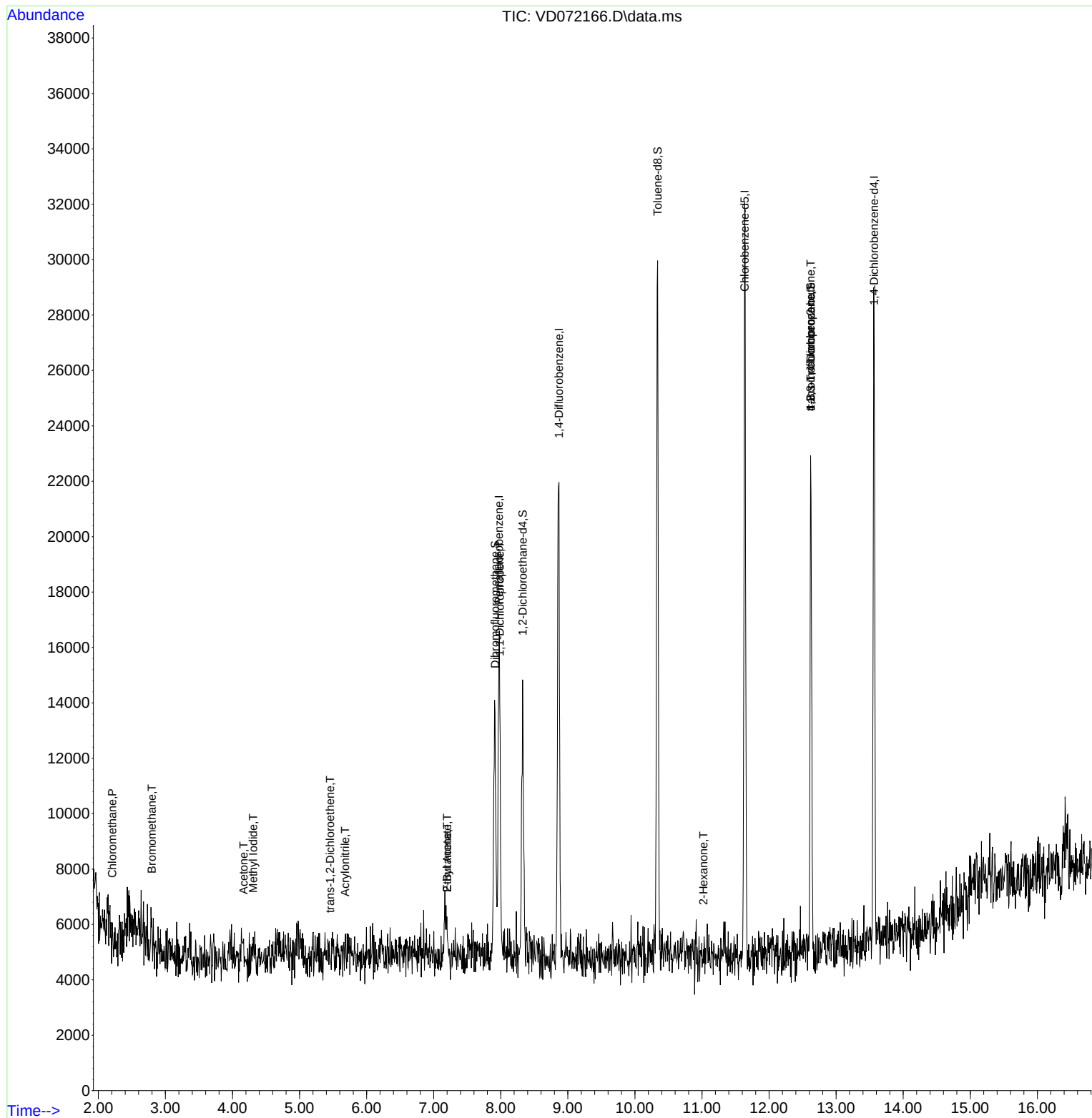
Internal Standards						
1) Pentafluorobenzene	7.973	168	8628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	15295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	15631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	6902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	7655	79.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.220%
35) Dibromofluoromethane	7.914	113	6811	63.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.560%
50) Toluene-d8	10.338	98	16979	43.142	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.280%
62) 4-Bromofluorobenzene	12.620	95	6104	39.917	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.840%
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	479	6.755	ug/l #	40
5) Bromomethane	2.797	94	573	12.855	ug/l #	62
10) Methyl Iodide	4.309	142	472	7.334	ug/l #	38
15) Acrylonitrile	5.679	53	67	3.110	ug/l #	17
16) Acetone	4.167	43	277	13.268	ug/l #	47
20) Methylene Chloride	4.962	84	231	Below Cal	#	7
21) trans-1,2-Dichloroethene	5.456	96	95	1.083	ug/l #	1
25) 2-Butanone	7.203	43	125	4.491	ug/l #	52
36) 1,1-Dichloropropene	7.985	75	863	5.715	ug/l #	43
37) Ethyl Acetate	7.203	43	125	1.890	ug/l #	72
59) 2-Hexanone	11.020	43	61	1.310	ug/l #	27
76) 1,2,3-Trichloropropane	12.620	75	3351	44.014	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	3351	109.203	ug/l #	7

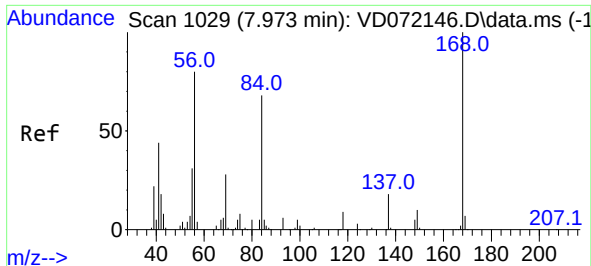
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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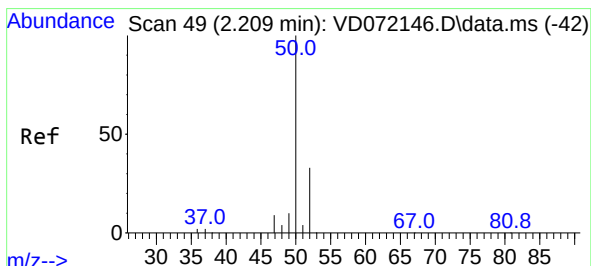
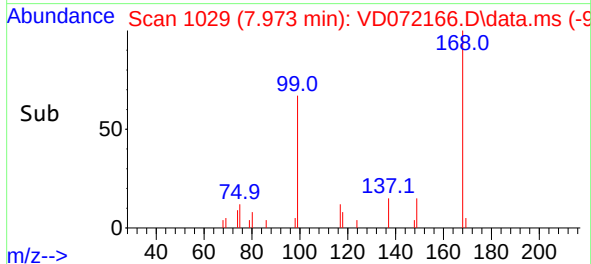
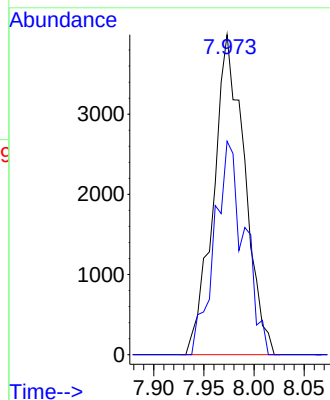
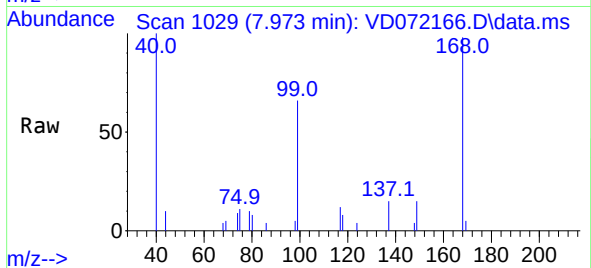




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

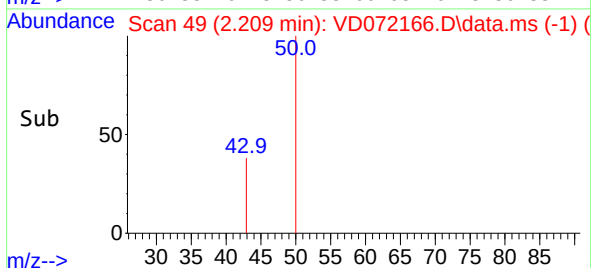
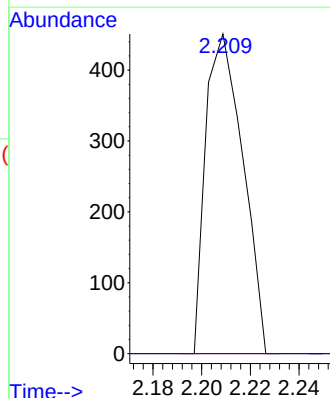
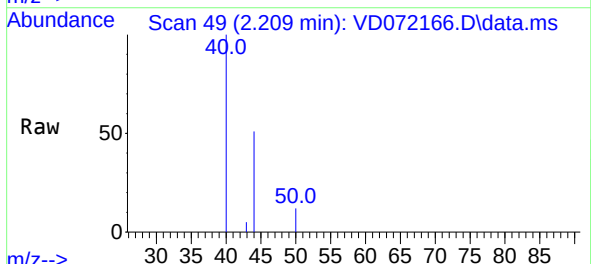
Instrument :
MSVOA_D
ClientSampleId :
EO-03-030922RE

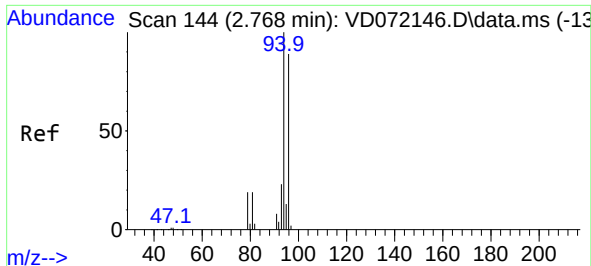
Tgt Ion:168 Resp: 8628
Ion Ratio Lower Upper
168 100
99 66.7 49.8 74.6



#3
Chloromethane
Concen: 6.755 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

Tgt Ion: 50 Resp: 479
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

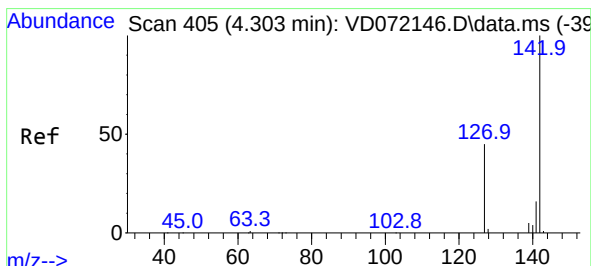
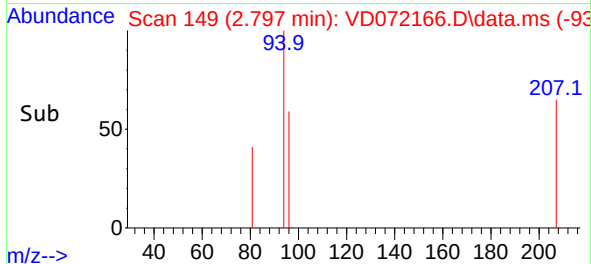
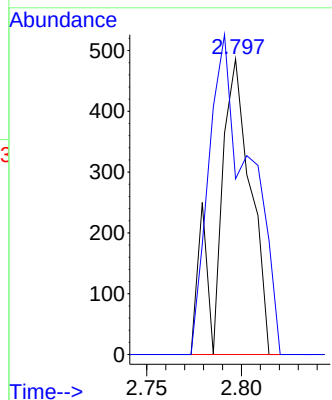
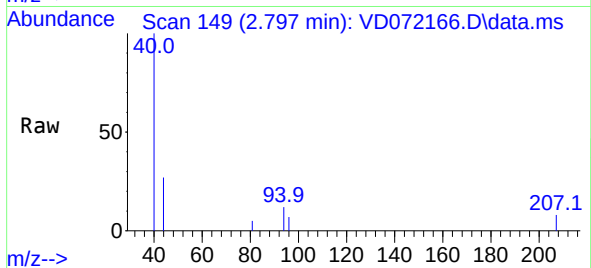




#5
Bromomethane
Concen: 12.855 ug/l
RT: 2.797 min Scan# 144
Delta R.T. 0.029 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

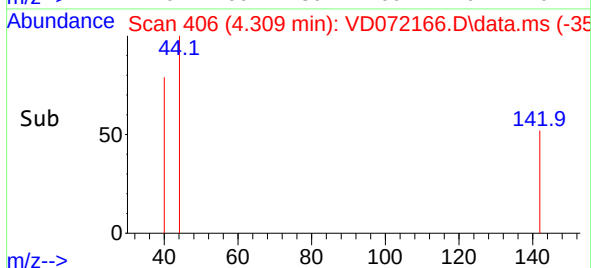
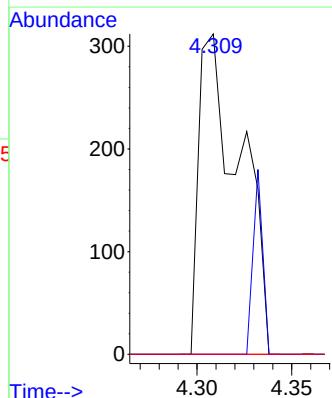
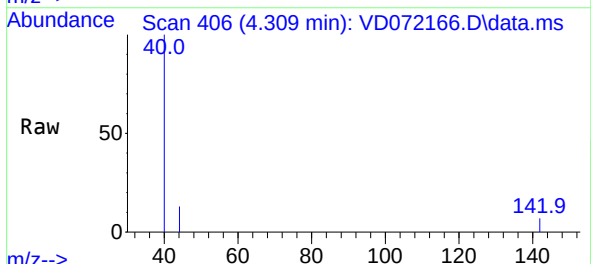
Instrument :
MSVOA_D
ClientSampleId :
EO-03-030922RE

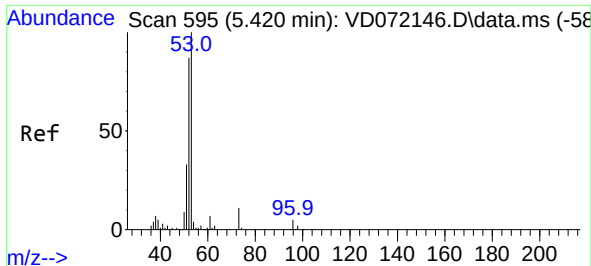
Tgt Ion: 94 Resp: 573
Ion Ratio Lower Upper
94 100
96 59.5 77.6 116.4#



#10
Methyl Iodide
Concen: 7.334 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

Tgt Ion: 142 Resp: 472
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

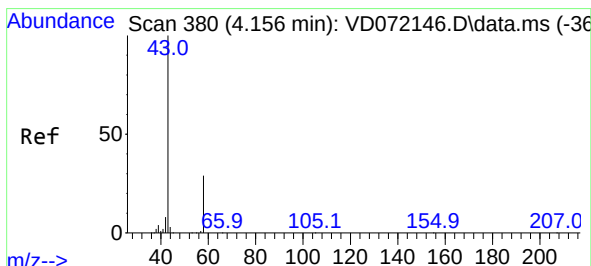
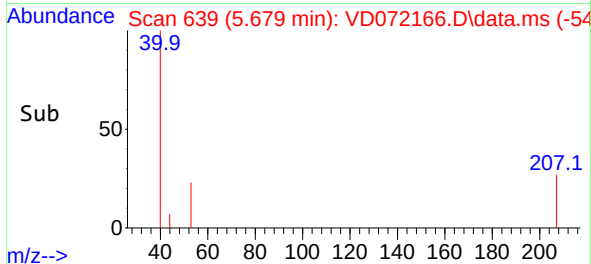
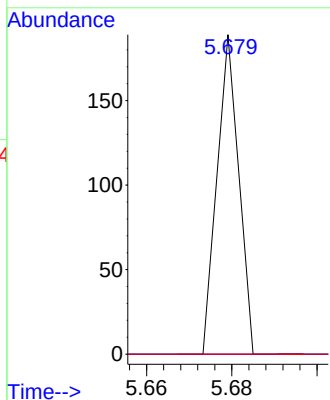
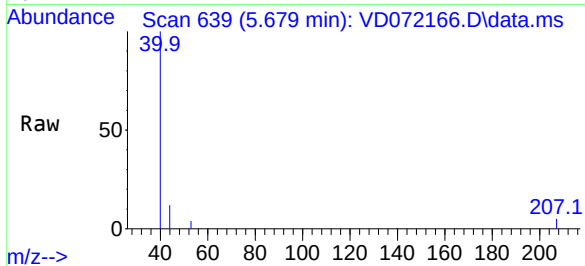




#15
Acrylonitrile
Concen: 3.110 ug/l
RT: 5.679 min Scan# 61
Delta R.T. 0.259 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

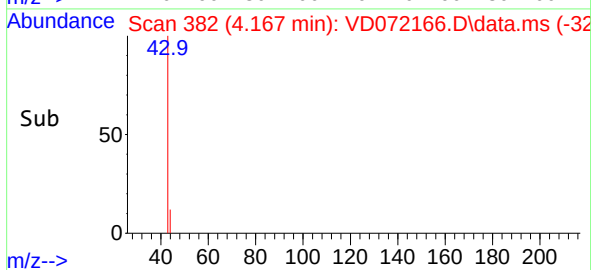
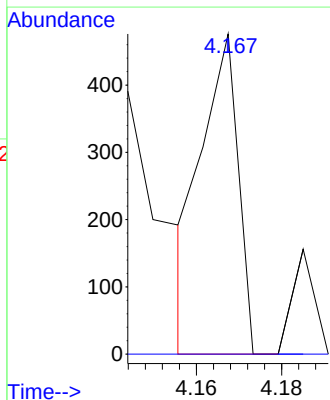
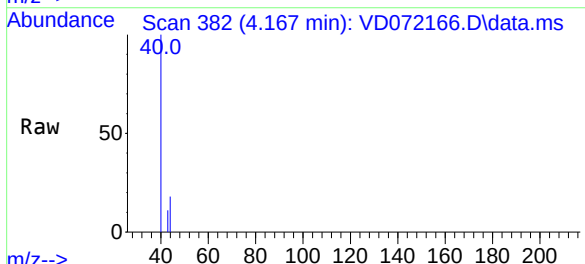
Instrument :
MSVOA_D
ClientSampleId :
EO-03-030922RE

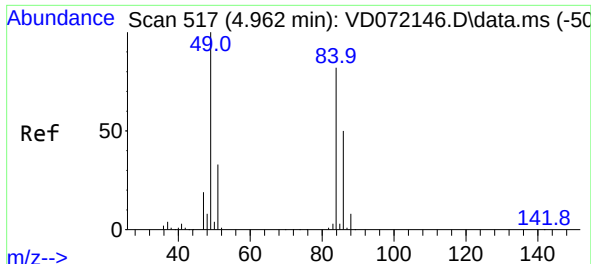
Tgt Ion: 53 Resp: 67
Ion Ratio Lower Upper
53 100
52 0.0 67.2 100.8#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 13.268 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD072166.D

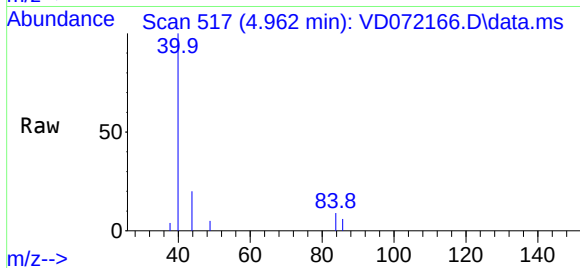
Acq: 14 Mar 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

EO-03-030922RE



Tgt Ion: 84 Resp: 231

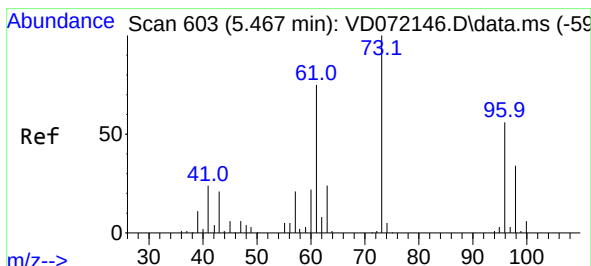
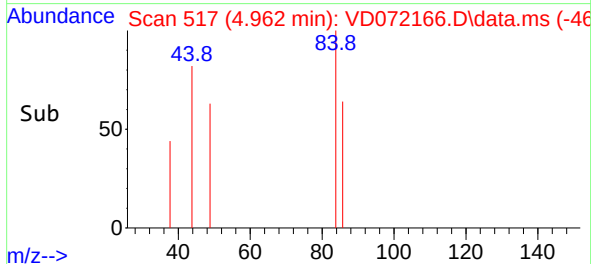
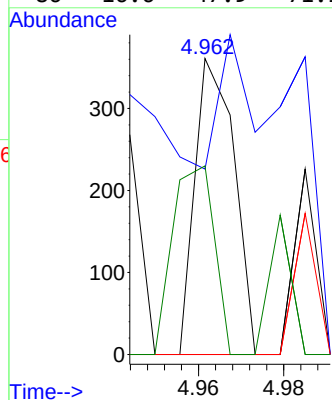
Ion Ratio Lower Upper

84 100

49 0.0 112.8 169.2#

51 0.0 32.6 48.8#

86 16.6 47.9 71.9#



#21

trans-1,2-Dichloroethene

Concen: 1.083 ug/l

RT: 5.456 min Scan# 601

Delta R.T. -0.012 min

Lab File: VD072166.D

Acq: 14 Mar 2022 14:09

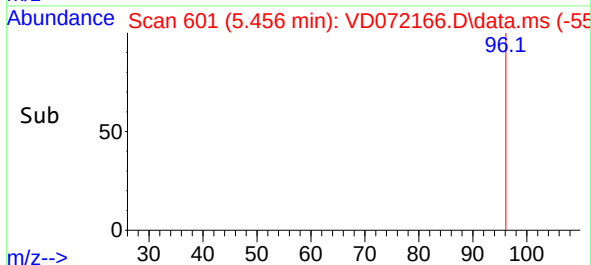
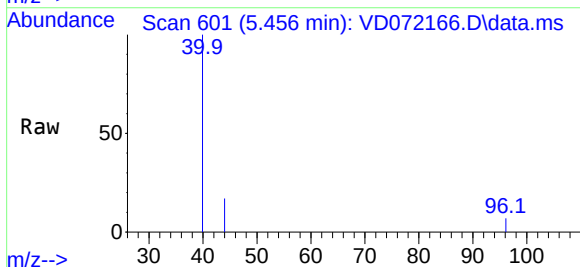
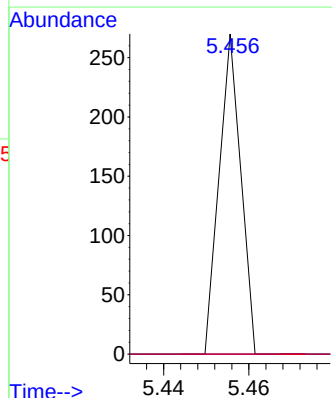
Tgt Ion: 96 Resp: 95

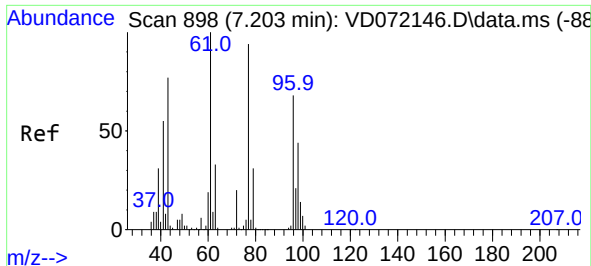
Ion Ratio Lower Upper

96 100

61 0.0 117.9 176.9#

98 0.0 49.4 74.2#

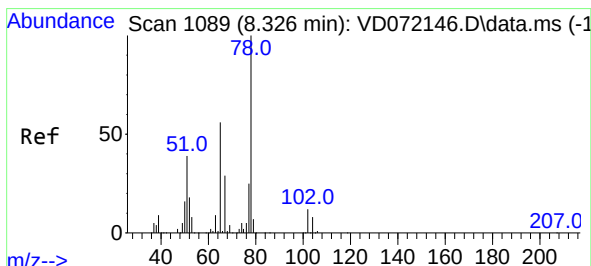
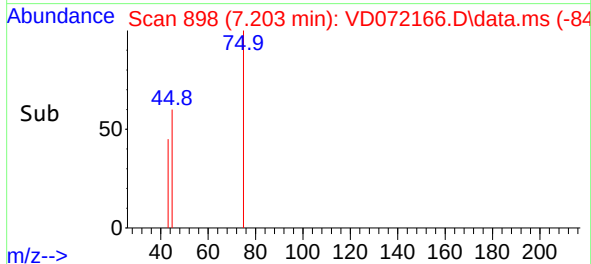
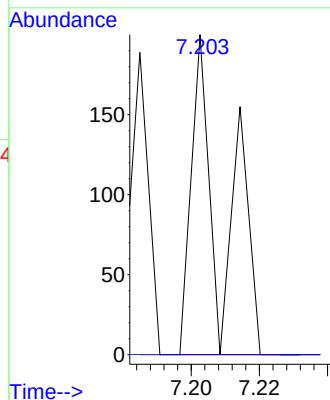
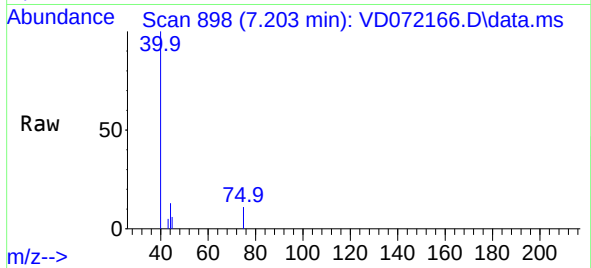




#25
2-Butanone
Concen: 4.491 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

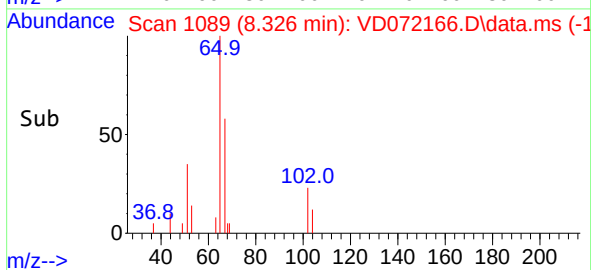
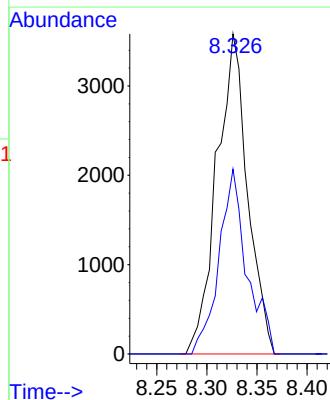
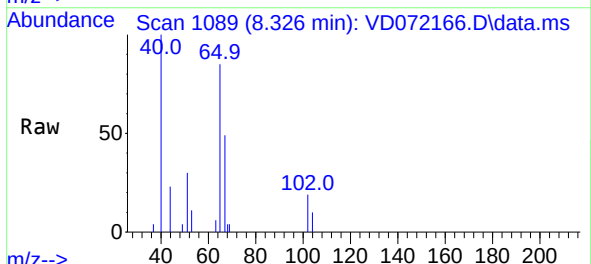
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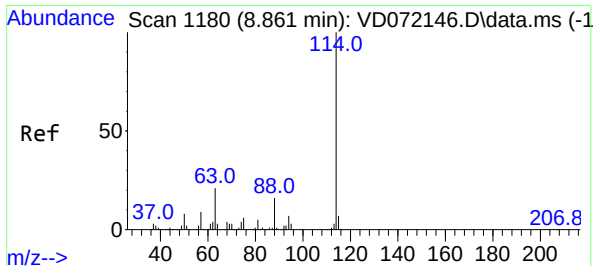
Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#33
1,2-Dichloroethane-d4
Concen: 79.612 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

Tgt Ion: 65 Resp: 7655
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD072166.D

Acq: 14 Mar 2022 14:09

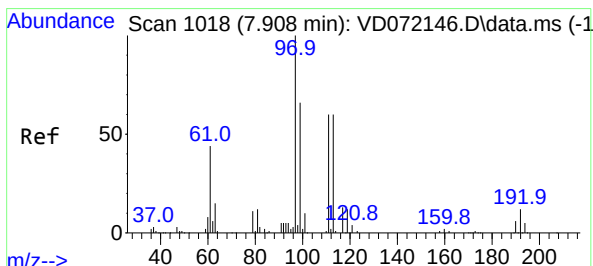
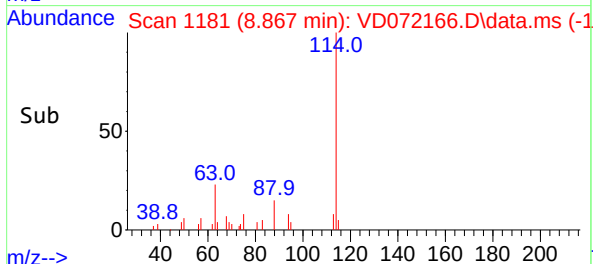
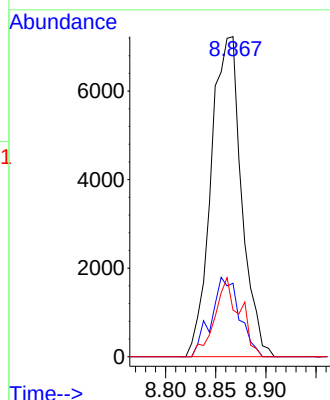
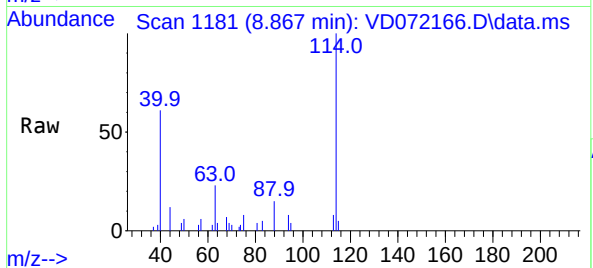
Instrument :

MSVOA_D

ClientSampleId :

EO-03-030922RE

Tgt Ion:	114	Resp:	15295
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.6
88	14.6	0.0	33.2



#35

Dibromofluoromethane

Concen: 63.280 ug/l

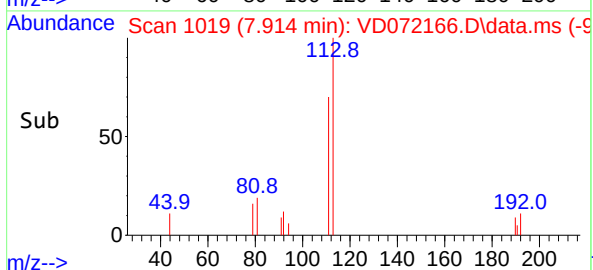
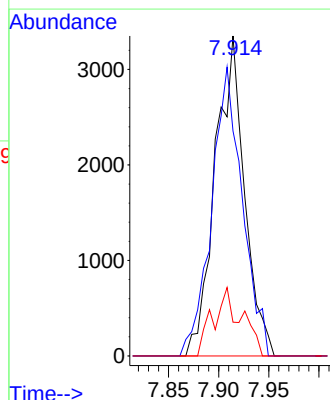
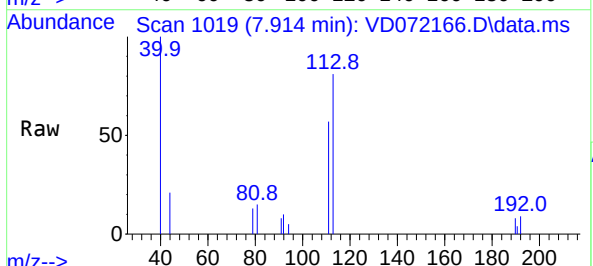
RT: 7.914 min Scan# 1019

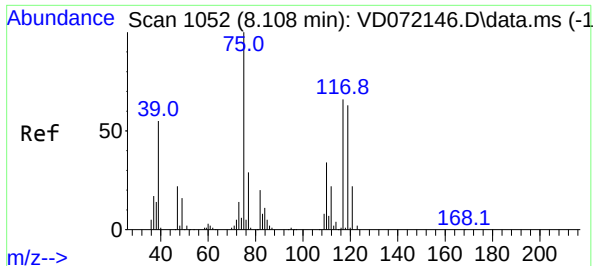
Delta R.T. 0.006 min

Lab File: VD072166.D

Acq: 14 Mar 2022 14:09

Tgt Ion:	113	Resp:	6811
Ion	Ratio	Lower	Upper
113	100		
111	94.7	83.8	125.6
192	15.4	14.6	21.8





#36

1,1-Dichloropropene

Concen: 5.715 ug/l

RT: 7.985 min Scan# 1052

Delta R.T. -0.124 min

Lab File: VD072166.D

Acq: 14 Mar 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

EO-03-030922RE

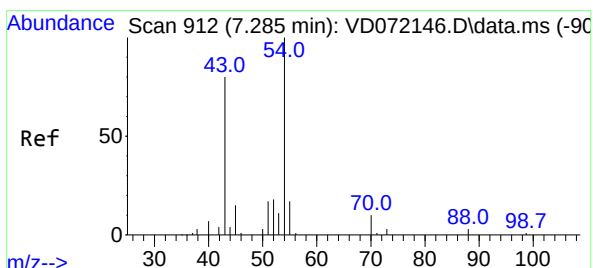
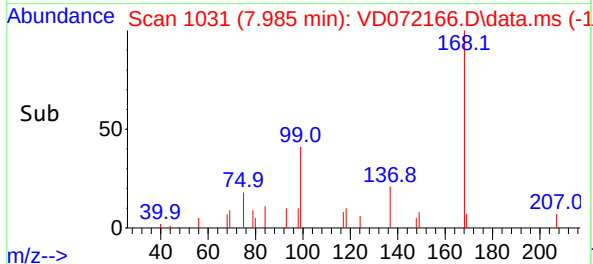
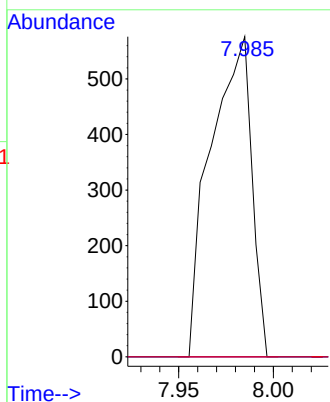
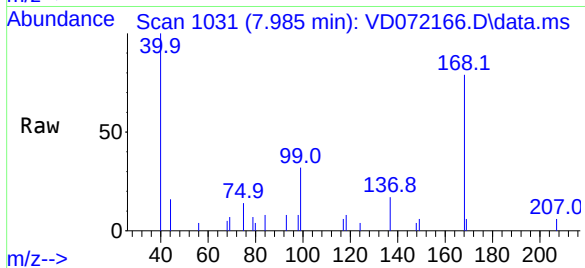
Tgt Ion: 75 Resp: 863

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 1.890 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.082 min

Lab File: VD072166.D

Acq: 14 Mar 2022 14:09

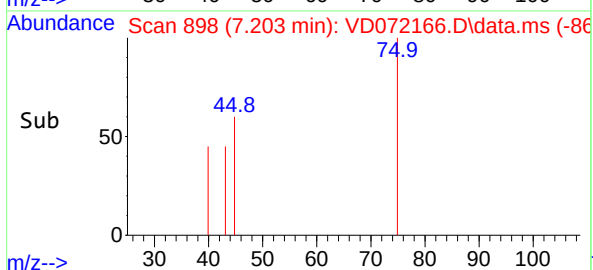
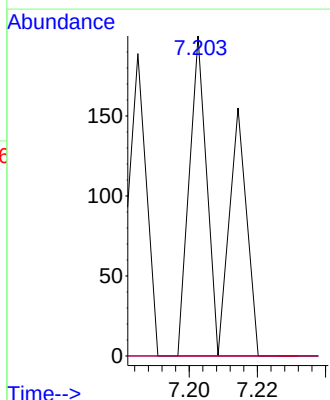
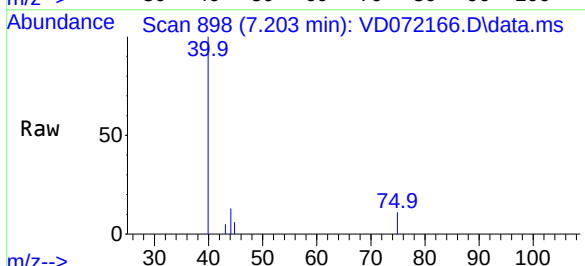
Tgt Ion: 43 Resp: 125

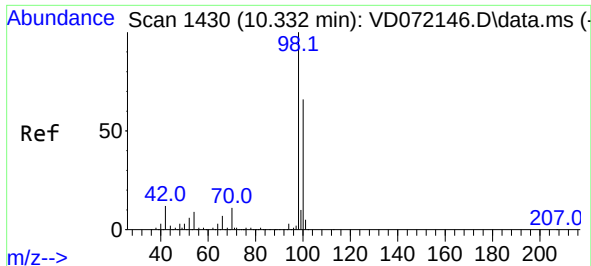
Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 6.9 10.3#

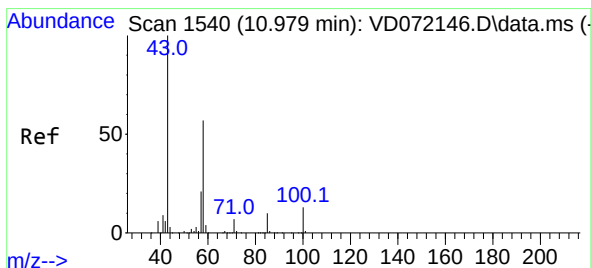
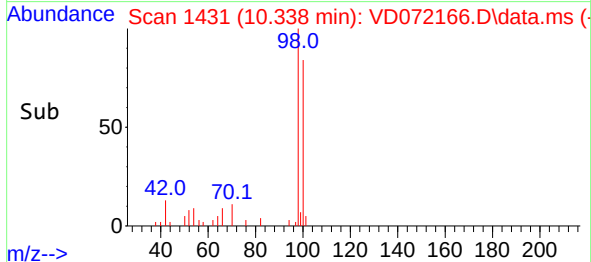
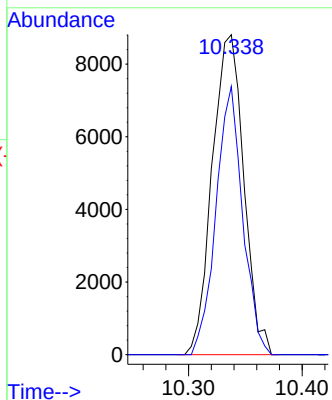
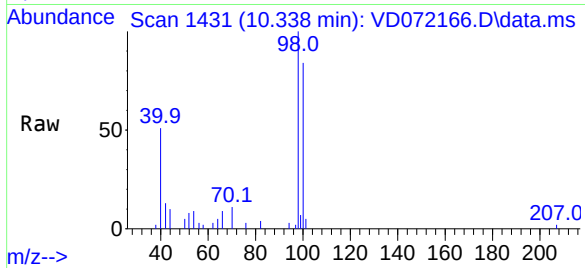




#50
Toluene-d8
Concen: 43.142 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

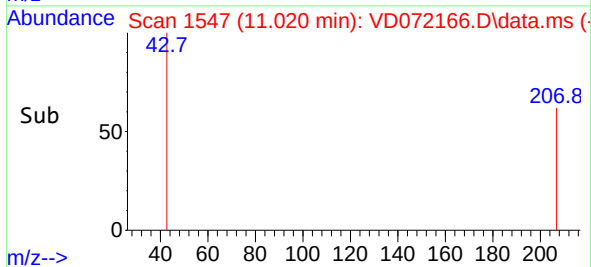
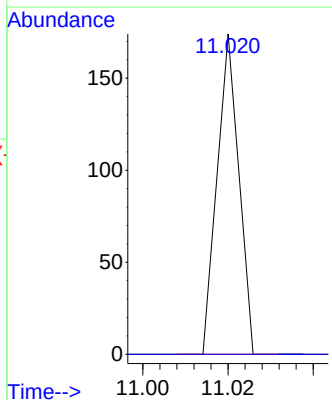
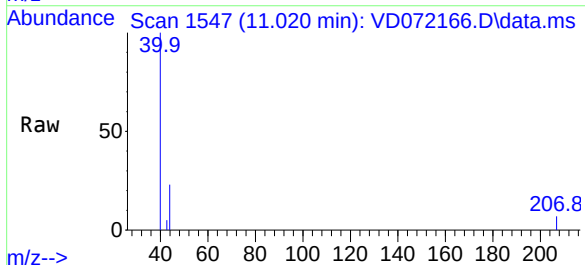
Instrument :
MSVOA_D
ClientSampleId :
EO-03-030922RE

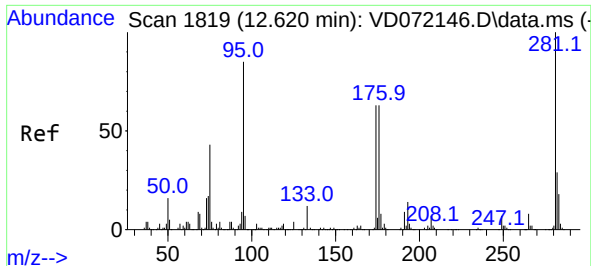
Tgt Ion: 98 Resp: 16979
Ion Ratio Lower Upper
98 100
100 71.0 52.4 78.6



#59
2-Hexanone
Concen: 1.310 ug/l
RT: 11.020 min Scan# 1547
Delta R.T. 0.041 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

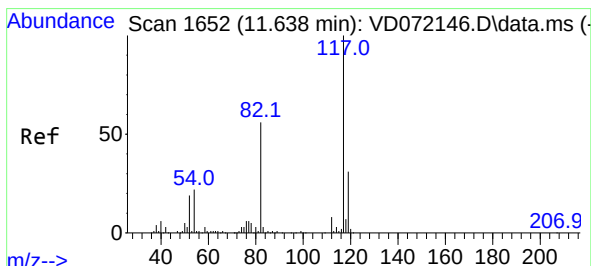
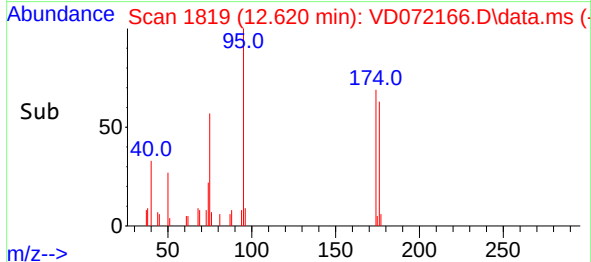
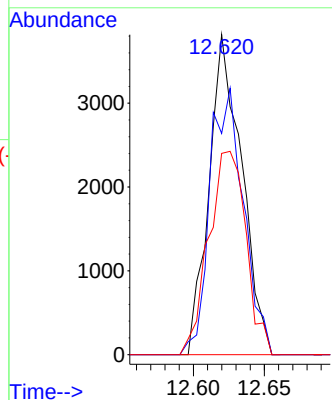
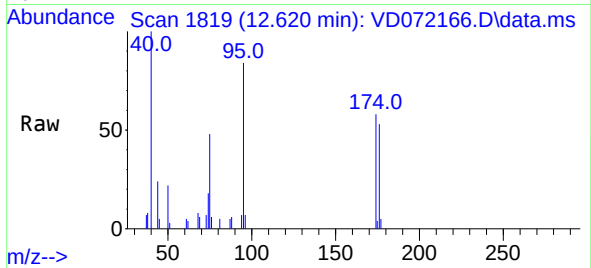




#62
4-Bromofluorobenzene
Concen: 39.917 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

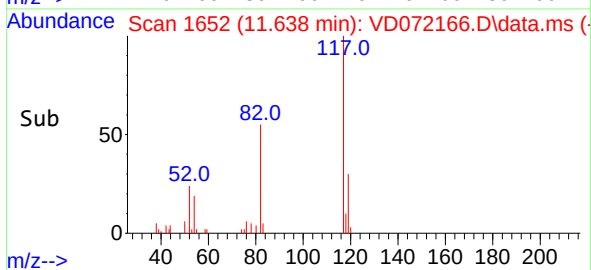
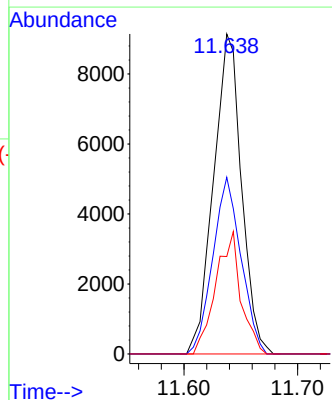
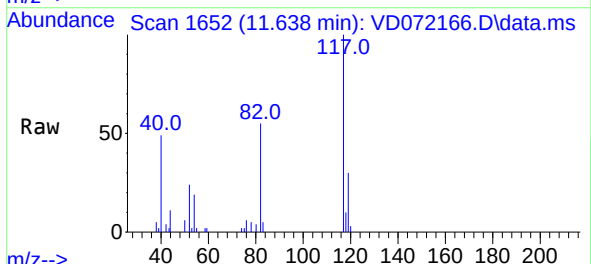
Instrument :
MSVOA_D
ClientSampleId :
EO-03-030922RE

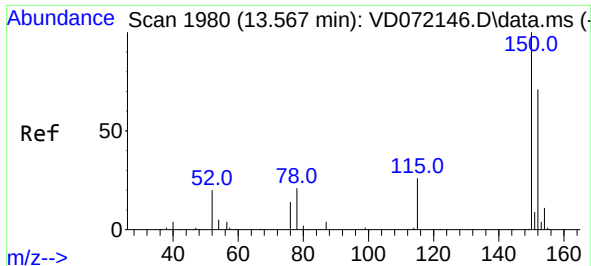
Tgt Ion:	95	Resp:	6104
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	152.8
176	72.7	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

Tgt Ion:	117	Resp:	15631
Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.3	67.9
119	30.5	26.6	40.0

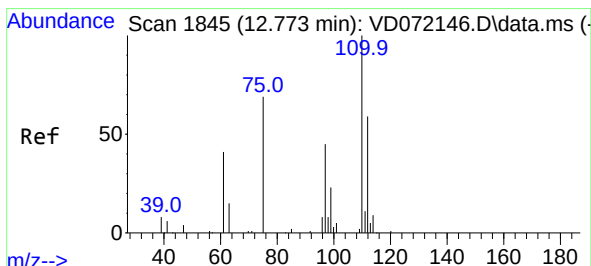
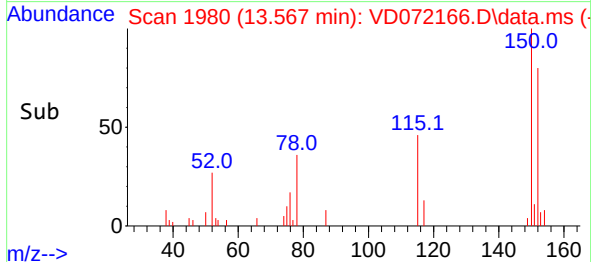
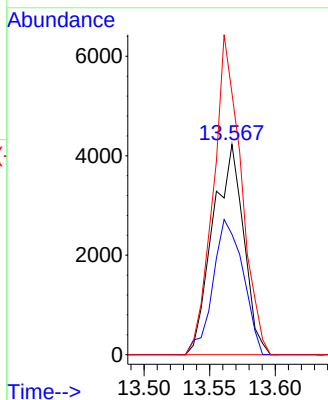
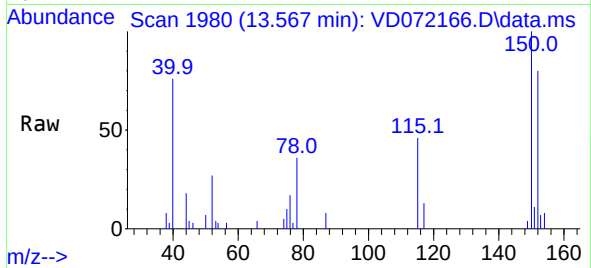




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

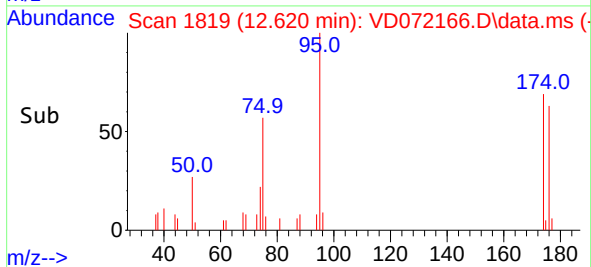
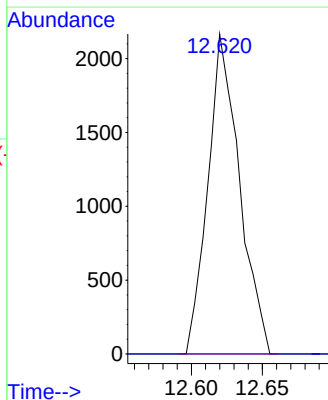
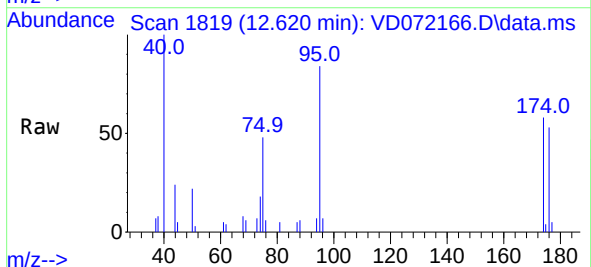
Instrument :
MSVOA_D
ClientSampleId :
EO-03-030922RE

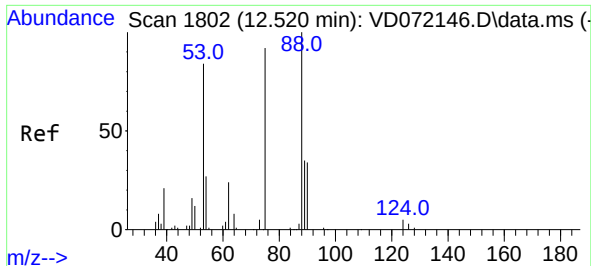
Tgt Ion:152 Resp: 6902
Ion Ratio Lower Upper
152 100
115 63.2 31.3 93.8
150 137.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 44.014 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

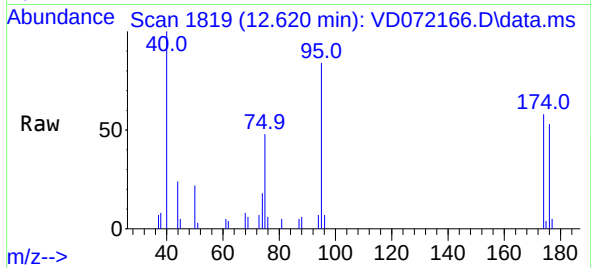
Tgt Ion: 75 Resp: 3351
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 109.203 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

Instrument :
MSVOA_D
ClientSampleId :
EO-03-030922RE



Tgt Ion: 75 Resp: 3351
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

