

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073025.D
 Acq On : 14 May 2022 09:07
 Operator : VA/SY
 Sample : N2823-11
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-11

Quant Time: May 16 05:22:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

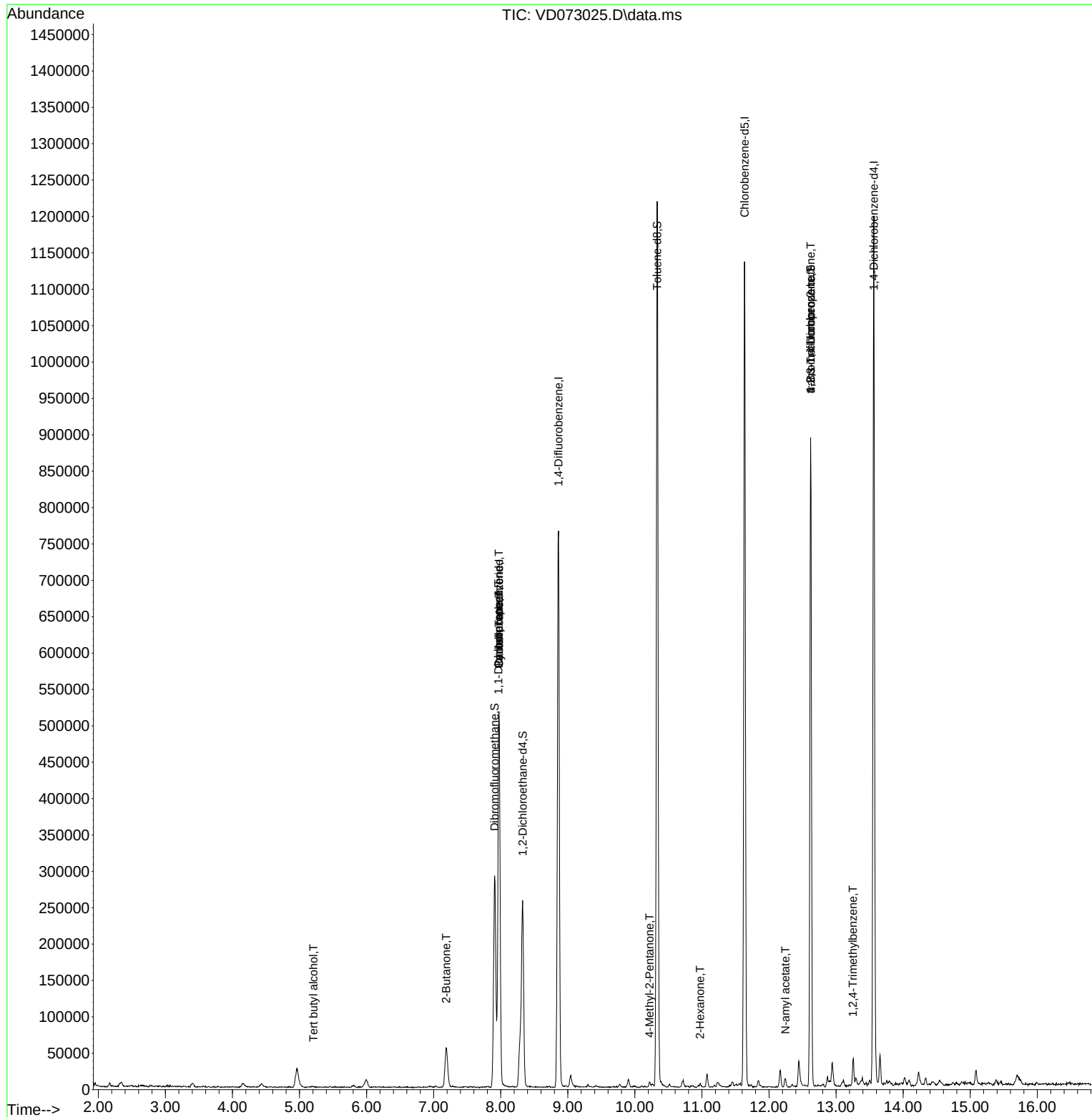
Internal Standards						
1) Pentafluorobenzene	7.973	168	377311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	669847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	666391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	307454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	195429	39.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.800%
35) Dibromofluoromethane	7.908	113	213709	45.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.860%
50) Toluene-d8	10.332	98	813028	48.179	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.620	95	299993	47.676	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.360%
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	733	Below Cal	#	43
11) Tert butyl alcohol	5.209	59	922	2.176	ug/l #	74
16) Acetone	4.168	43	9809	Below Cal	#	82
18) Methyl Acetate	4.791	43	84	Below Cal	#	55
20) Methylene Chloride	4.967	84	18729	Below Cal	#	87
25) 2-Butanone	7.185	43	1954	1.369	ug/l #	52
31) Cyclohexane	7.973	56	8790	1.027	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	31524	4.121	ug/l #	51
38) Carbon Tetrachloride	7.973	117	40665	5.121	ug/l #	18
51) 4-Methyl-2-Pentanone	10.220	43	5029	1.491	ug/l	100
59) 2-Hexanone	10.973	43	4758	2.097	ug/l #	63
74) N-amyl acetate	12.244	43	8084	1.357	ug/l #	51
76) 1,2,3-Trichloropropane	12.620	75	155900	45.474	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	155900	104.572	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.249	105	20456	1.009	ug/l	97

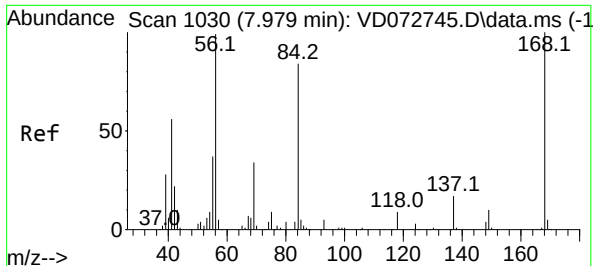
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
Data File : VD073025.D
Acq On : 14 May 2022 09:07
Operator : VA/SY
Sample : N2823-11
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SC-11

Quant Time: May 16 05:22:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

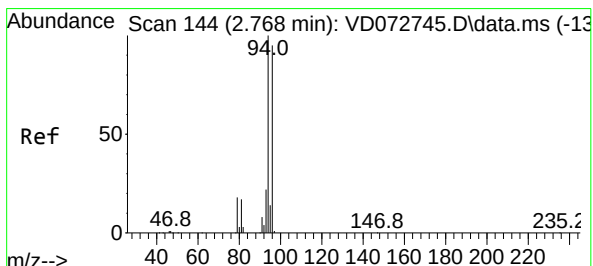
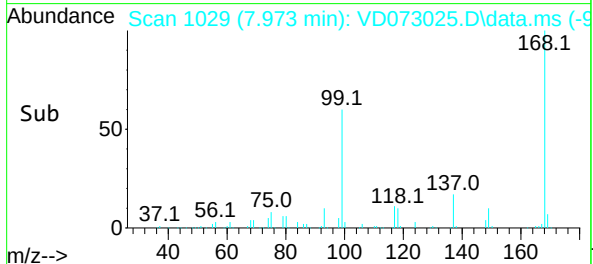
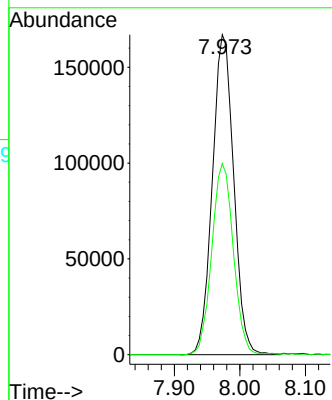
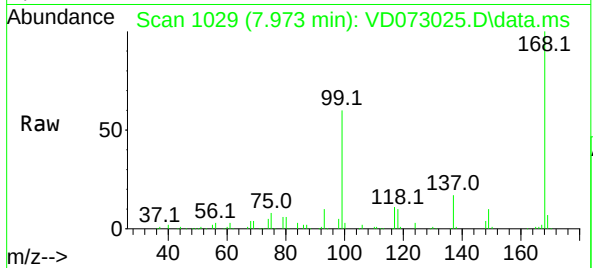




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073025.D
Acq: 14 May 2022 09:07

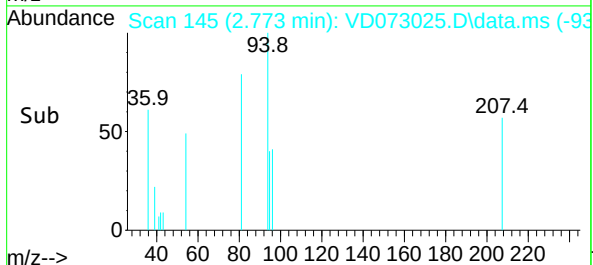
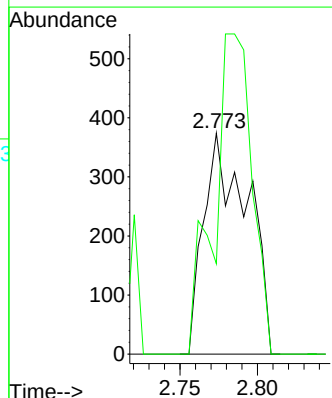
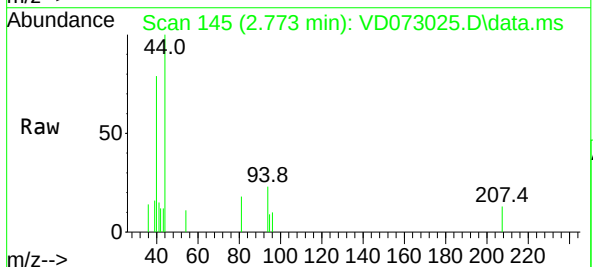
Instrument :
MSVOA_D
ClientSampleId :
SC-11

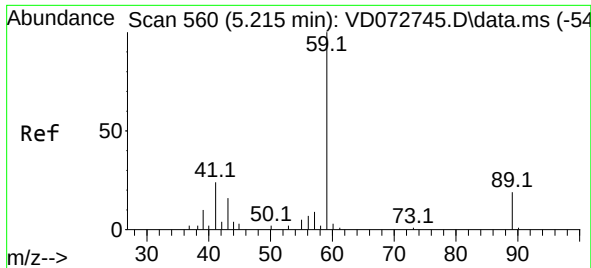
Tgt Ion:168 Resp: 377311
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD073025.D
Acq: 14 May 2022 09:07

Tgt Ion: 94 Resp: 733
Ion Ratio Lower Upper
94 100
96 40.9 77.6 116.4#





#11

Tert butyl alcohol

Concen: 2.176 ug/l

RT: 5.209 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD073025.D

Acq: 14 May 2022 09:07

Instrument :

MSVOA_D

ClientSampleId :

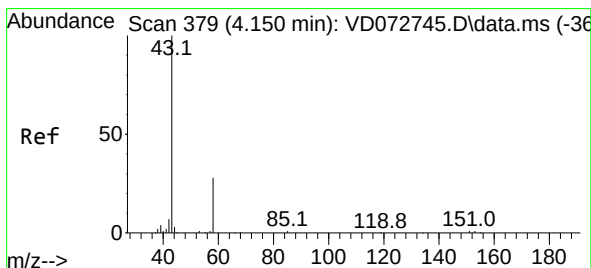
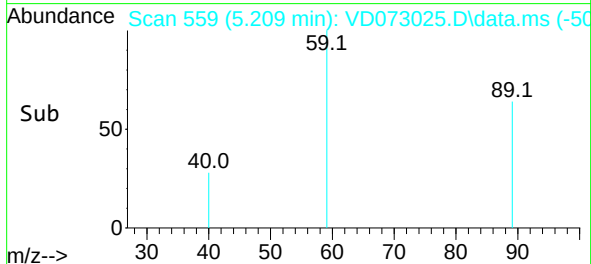
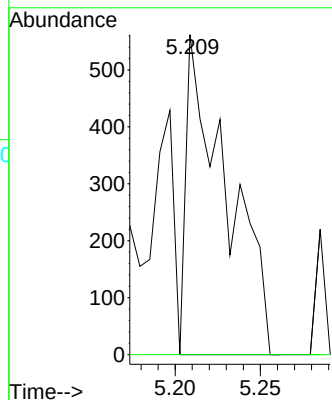
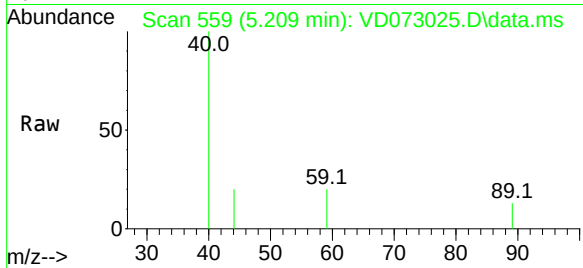
SC-11

Tgt Ion: 59 Resp: 922

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: Below Cal

RT: 4.168 min Scan# 382

Delta R.T. 0.018 min

Lab File: VD073025.D

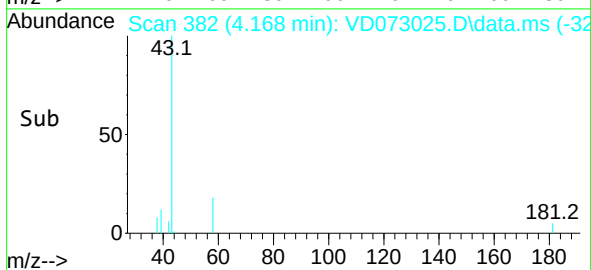
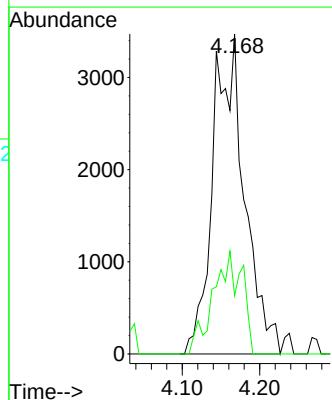
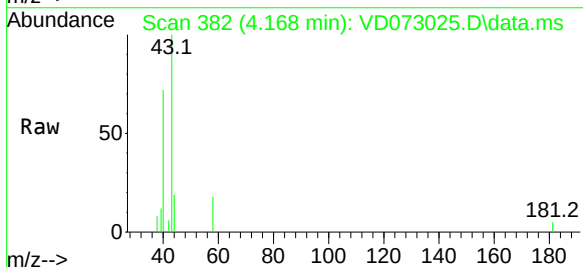
Acq: 14 May 2022 09:07

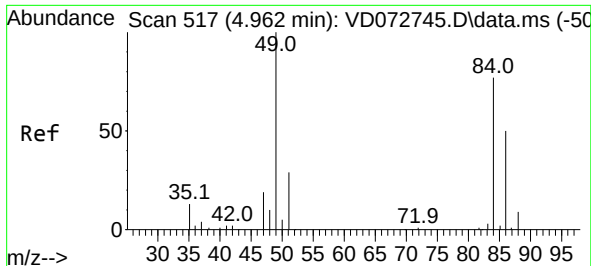
Tgt Ion: 43 Resp: 9809

Ion Ratio Lower Upper

43 100

58 18.2 22.1 33.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 51

Delta R.T. 0.005 min

Lab File: VD073025.D

Acq: 14 May 2022 09:07

Instrument :

MSVOA_D

ClientSampleId :

SC-11

Tgt Ion: 84 Resp: 18729

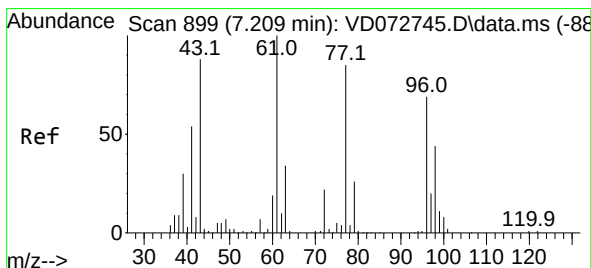
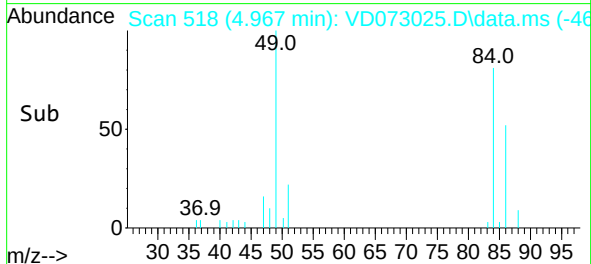
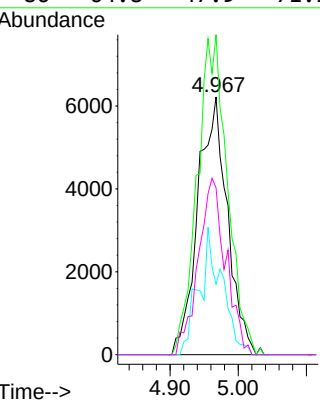
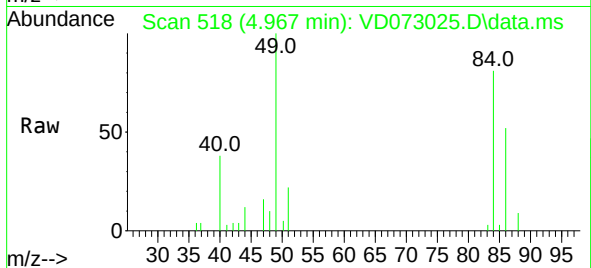
Ion Ratio Lower Upper

84 100

49 124.1 112.8 169.2

51 27.3 32.6 48.8#

86 64.8 47.9 71.9



#25

2-Butanone

Concen: 1.369 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.024 min

Lab File: VD073025.D

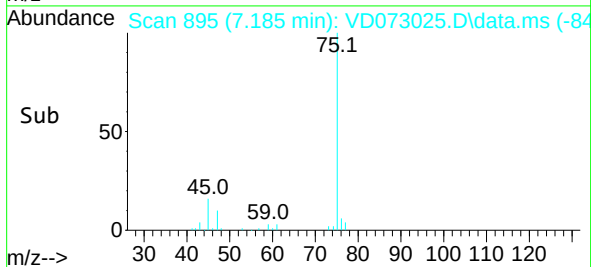
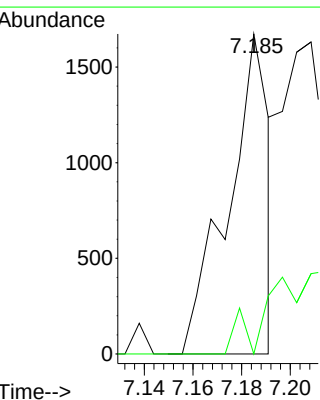
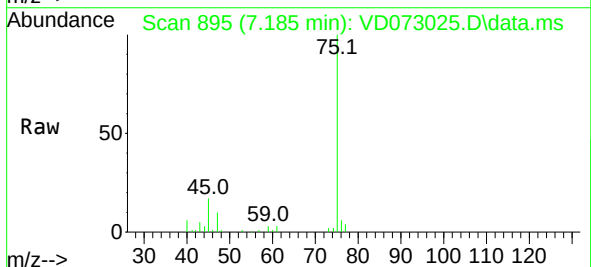
Acq: 14 May 2022 09:07

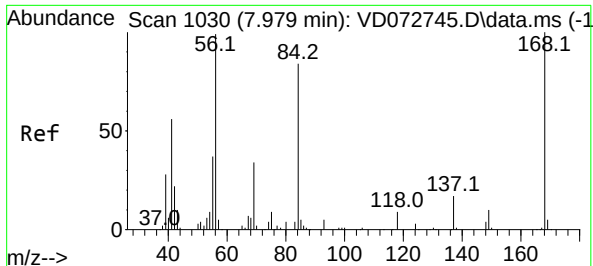
Tgt Ion: 43 Resp: 1954

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#





#31

Cyclohexane

Concen: 1.027 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073025.D

Acq: 14 May 2022 09:07

Instrument :

MSVOA_D

ClientSampleId :

SC-11

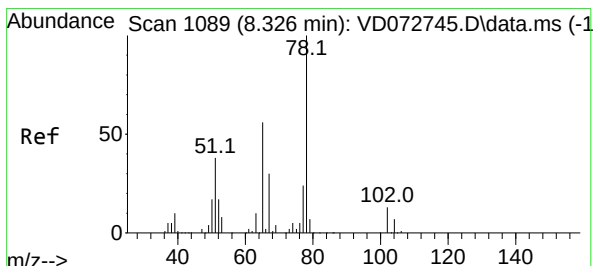
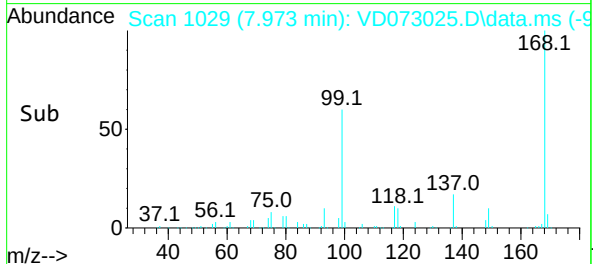
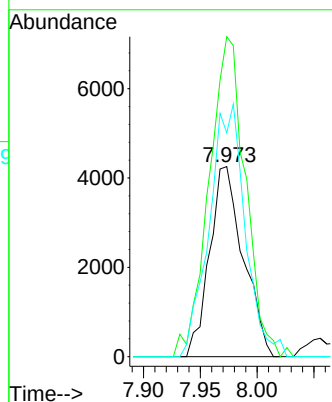
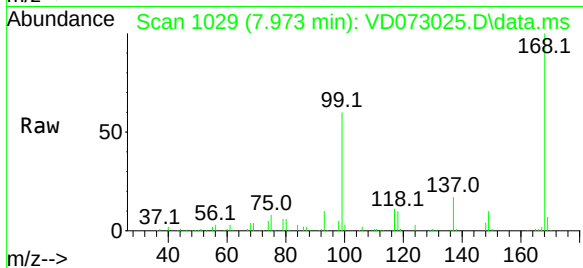
Tgt Ion: 56 Resp: 8790

Ion Ratio Lower Upper

56 100

69 168.3 25.4 38.2#

84 117.8 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 39.901 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073025.D

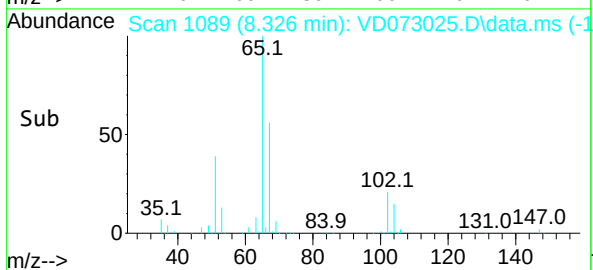
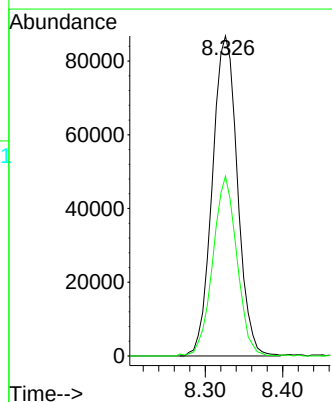
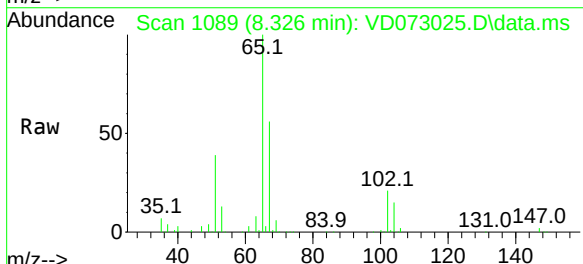
Acq: 14 May 2022 09:07

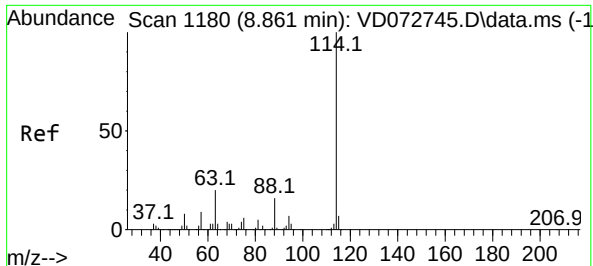
Tgt Ion: 65 Resp: 195429

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073025.D

Acq: 14 May 2022 09:07

Instrument :

MSVOA_D

ClientSampleId :

SC-11

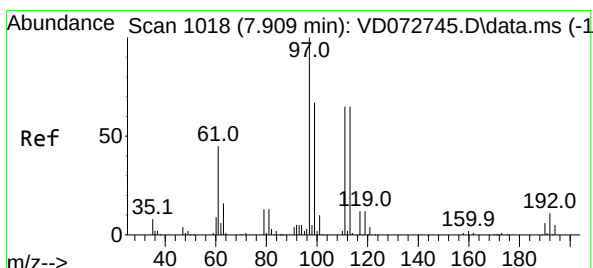
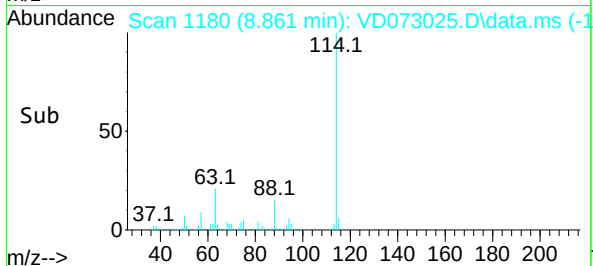
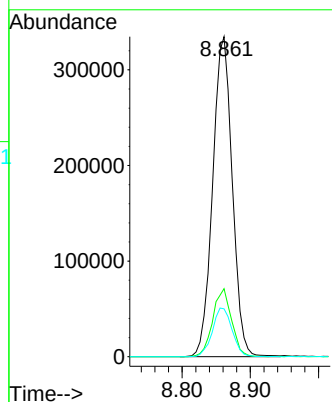
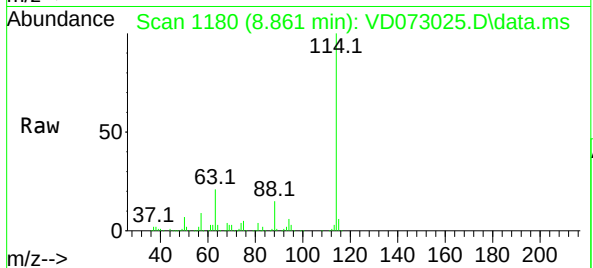
Tgt Ion:114 Resp: 669847

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 14.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.427 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD073025.D

Acq: 14 May 2022 09:07

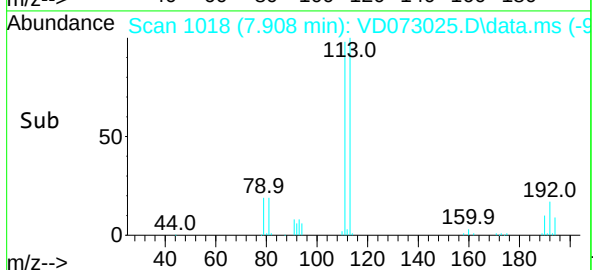
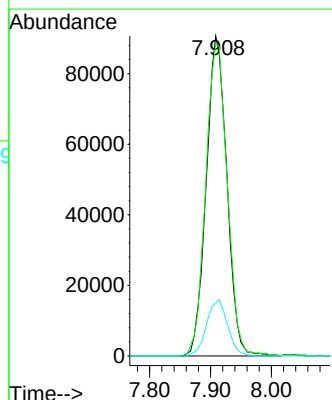
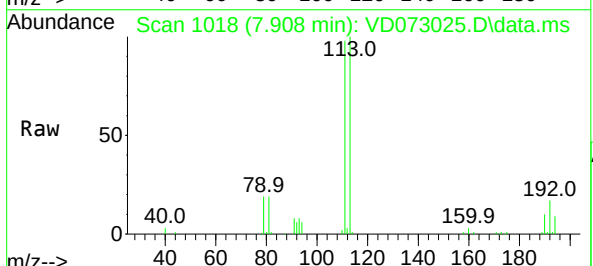
Tgt Ion:113 Resp: 213709

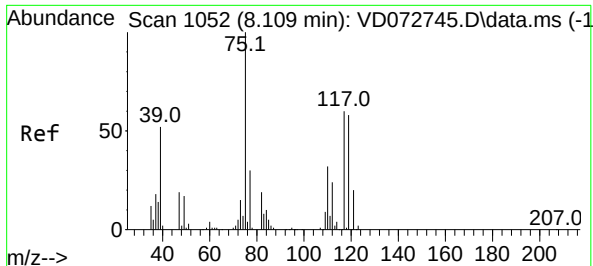
Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 17.9 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.121 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.142 min

Lab File: VD073025.D

Acq: 14 May 2022 09:07

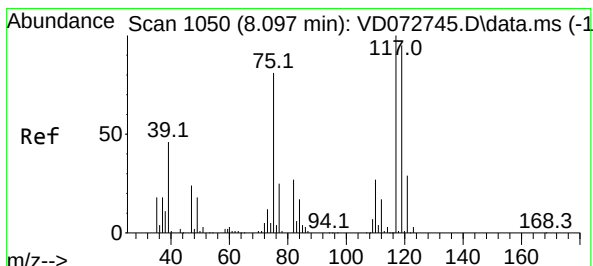
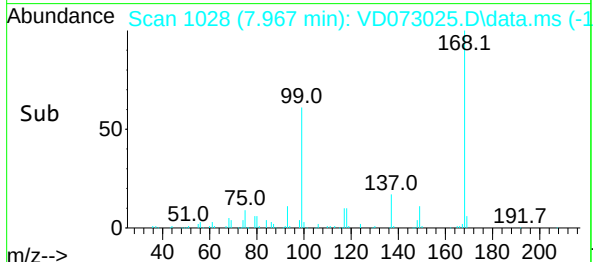
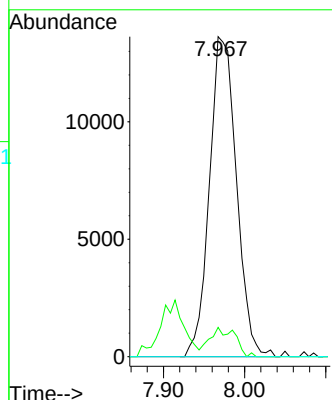
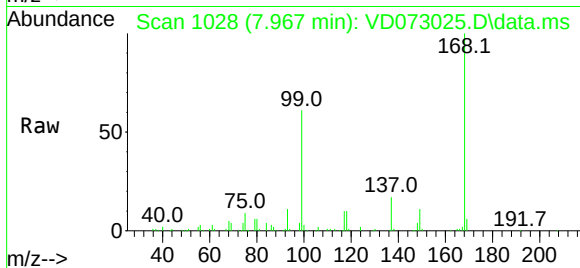
Instrument :

MSVOA_D

ClientSampleId :

SC-11

Tgt Ion:	75	Resp:	31524
Ion Ratio	Lower	Upper	
75	100		
110	8.6	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.121 ug/l

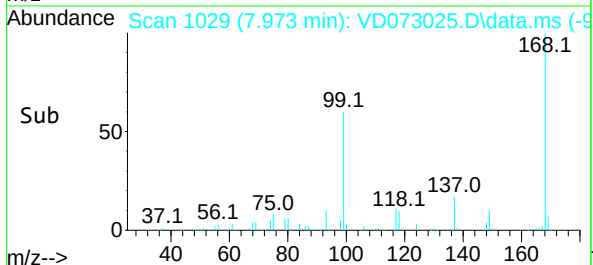
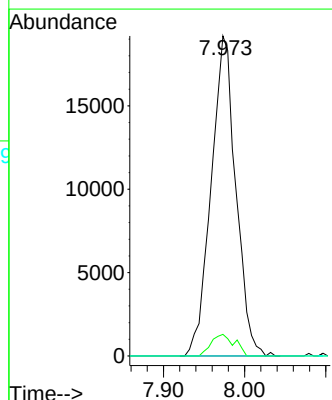
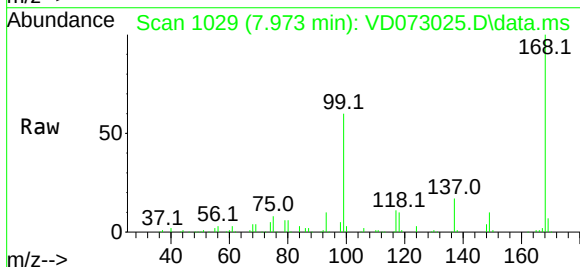
RT: 7.973 min Scan# 1029

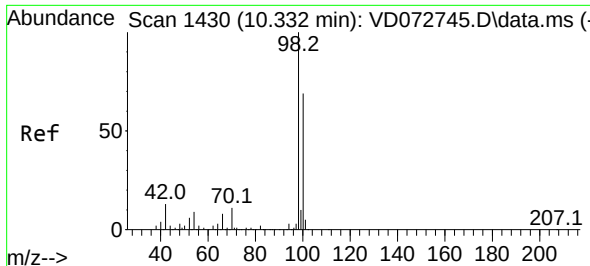
Delta R.T. -0.124 min

Lab File: VD073025.D

Acq: 14 May 2022 09:07

Tgt Ion:	117	Resp:	40665
Ion Ratio	Lower	Upper	
117	100		
119	6.7	75.8	113.6#
121	0.0	24.5	36.7#

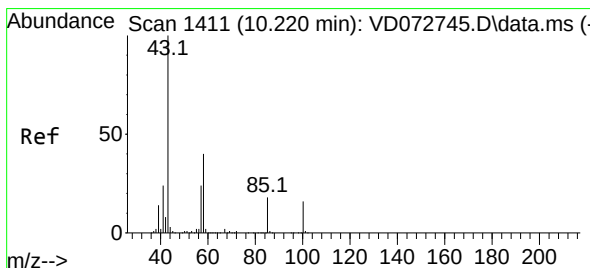
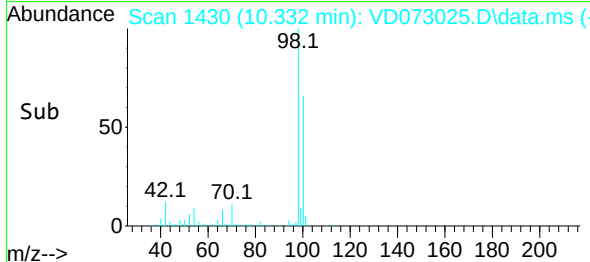
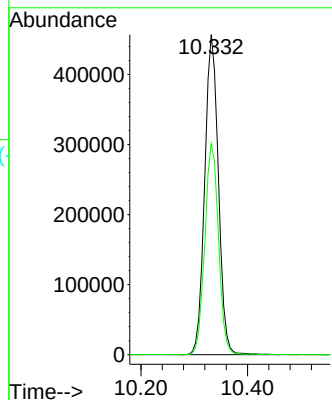
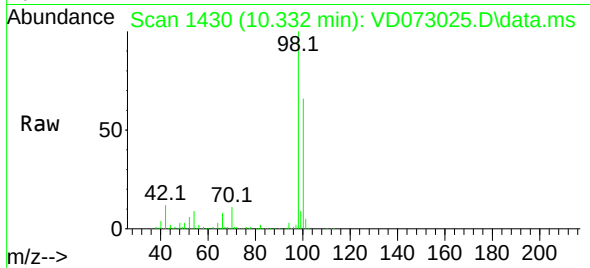




#50
Toluene-d8
Concen: 48.179 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073025.D
Acq: 14 May 2022 09:07

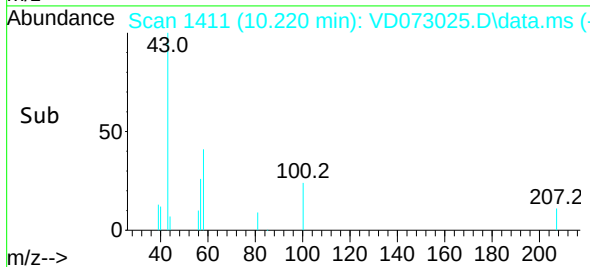
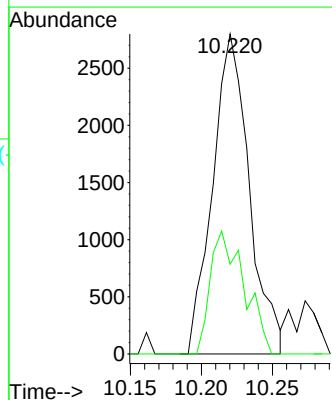
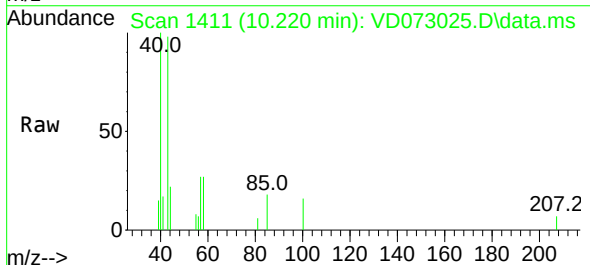
Instrument :
MSVOA_D
ClientSampleId :
SC-11

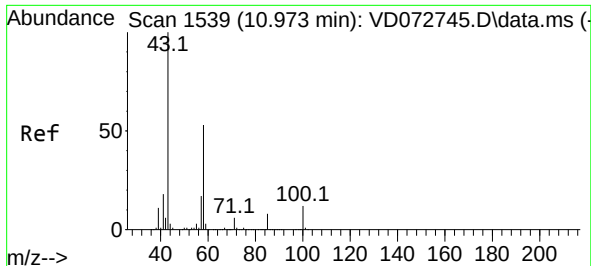
Tgt Ion: 98 Resp: 813028
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.491 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073025.D
Acq: 14 May 2022 09:07

Tgt Ion: 43 Resp: 5029
Ion Ratio Lower Upper
43 100
58 35.6 28.6 43.0

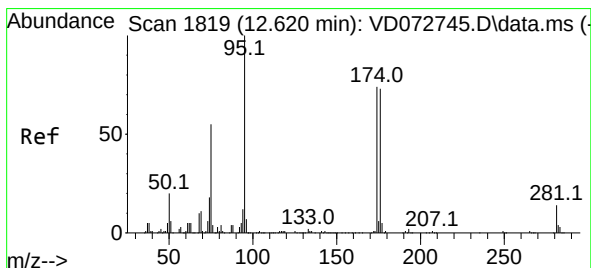
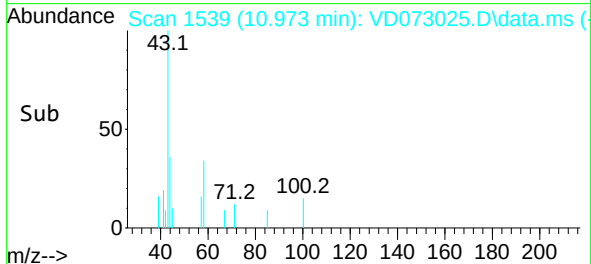
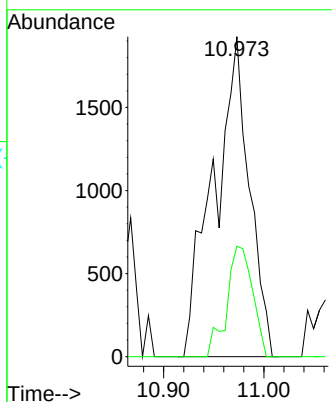
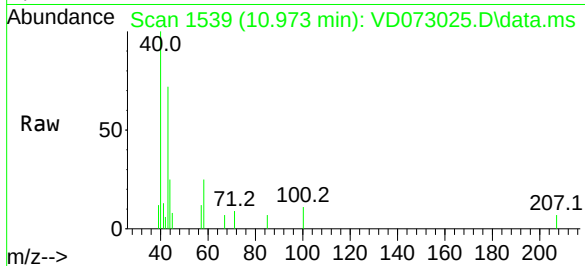




#59
2-Hexanone
Concen: 2.097 ug/l
RT: 10.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073025.D
Acq: 14 May 2022 09:07

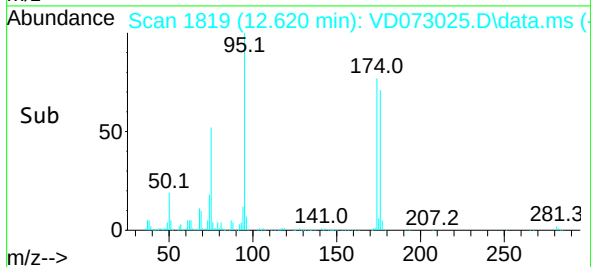
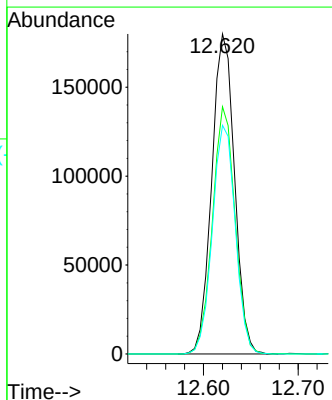
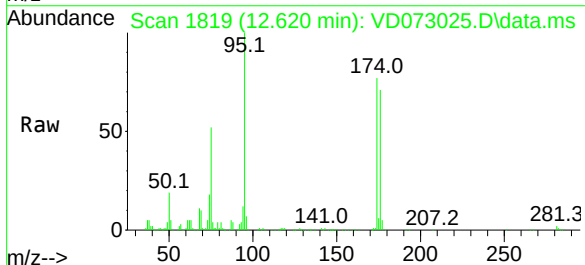
Instrument :
MSVOA_D
ClientSampleId :
SC-11

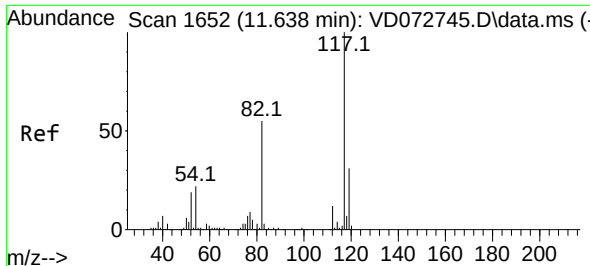
Tgt Ion: 43 Resp: 4758
Ion Ratio Lower Upper
43 100
58 24.8 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 47.676 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073025.D
Acq: 14 May 2022 09:07

Tgt Ion: 95 Resp: 299993
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 72.0 0.0 145.4

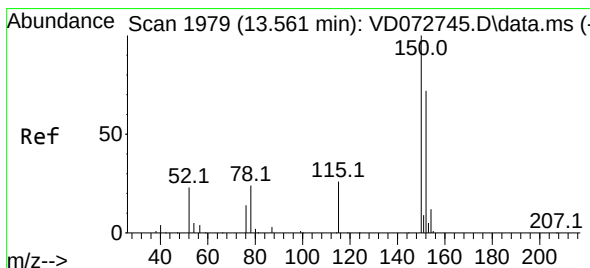
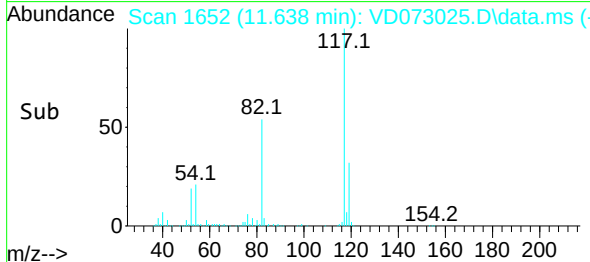
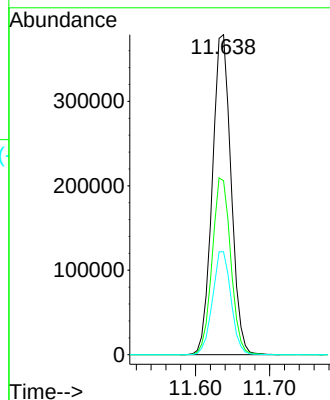
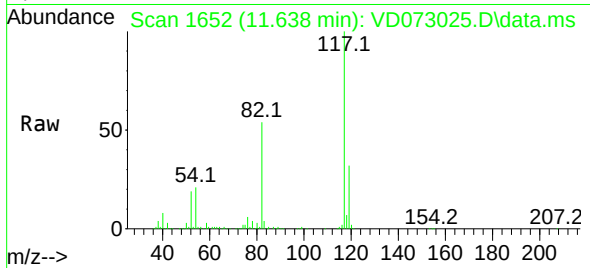




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073025.D
Acq: 14 May 2022 09:07

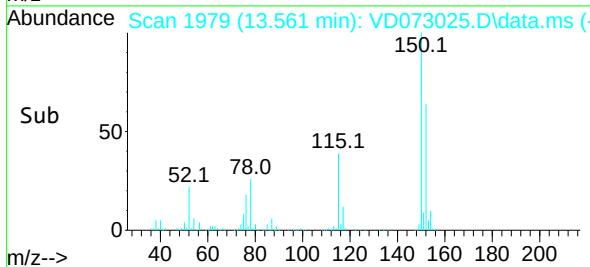
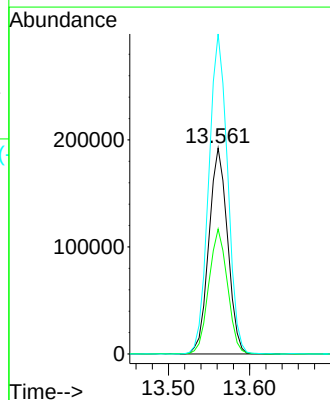
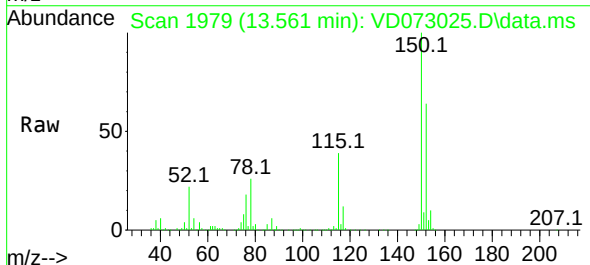
Instrument :
MSVOA_D
ClientSampleId :
SC-11

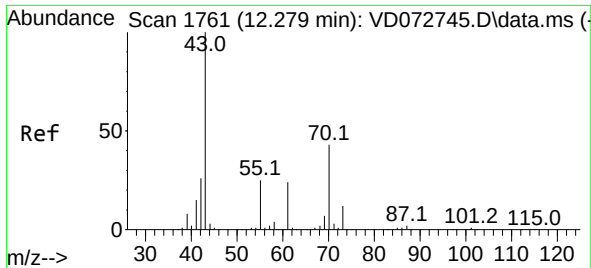
Tgt Ion:117 Resp: 666391
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073025.D
Acq: 14 May 2022 09:07

Tgt Ion:152 Resp: 307454
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 156.9 0.0 348.6

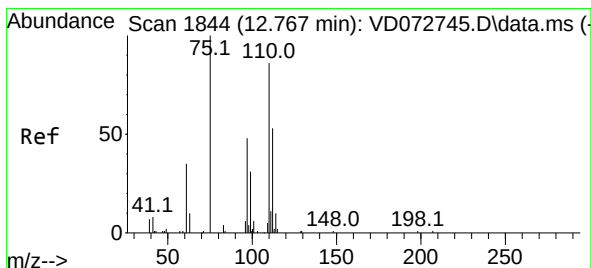
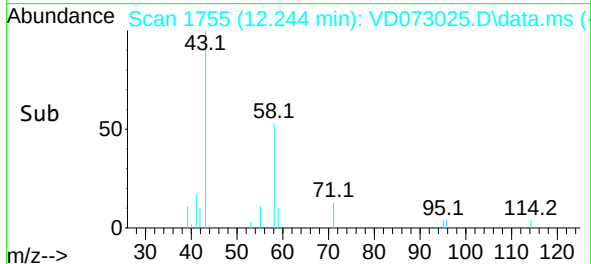
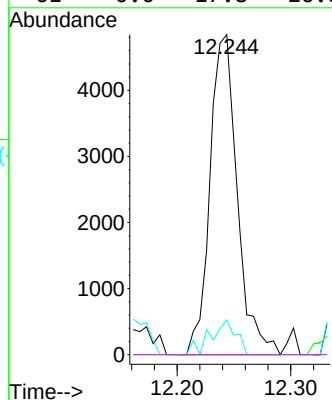
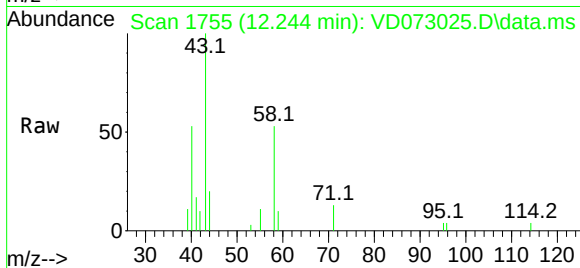




#74
N-amy1 acetate
Concen: 1.357 ug/l
RT: 12.244 min Scan# 11
Delta R.T. -0.035 min
Lab File: VD073025.D
Acq: 14 May 2022 09:07

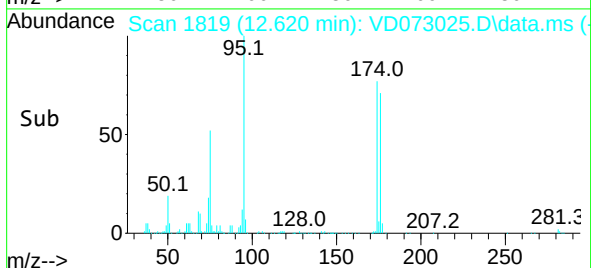
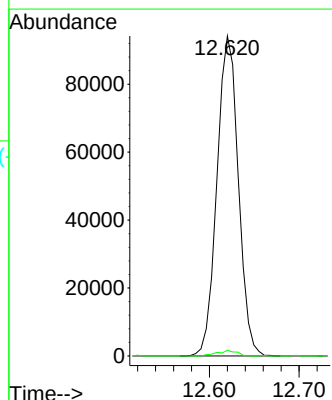
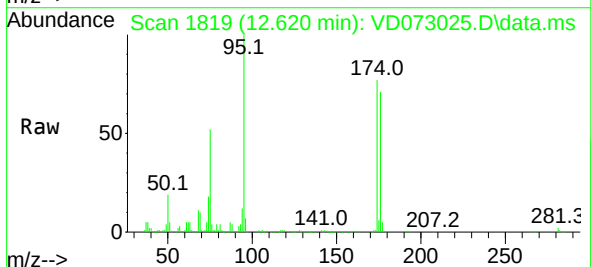
Instrument :
MSVOA_D
ClientSampleId :
SC-11

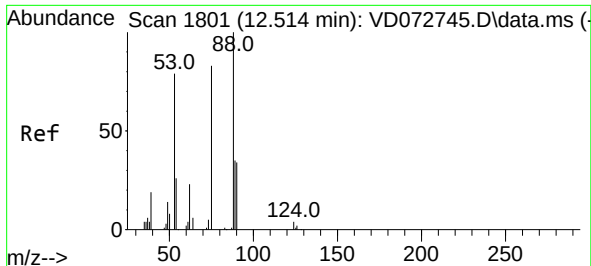
Tgt Ion: 43	Resp: 8084
Ion Ratio	Lower Upper
43	100
70	0.0 31.3 46.9#
55	10.3 20.0 30.0#
61	0.0 17.8 26.8#



#76
1,2,3-Trichloropropane
Concen: 45.474 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073025.D
Acq: 14 May 2022 09:07

Tgt Ion: 75	Resp: 155900
Ion Ratio	Lower Upper
75	100
77	1.6 0.0 0.0#

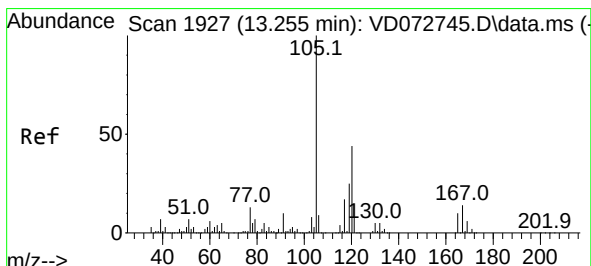
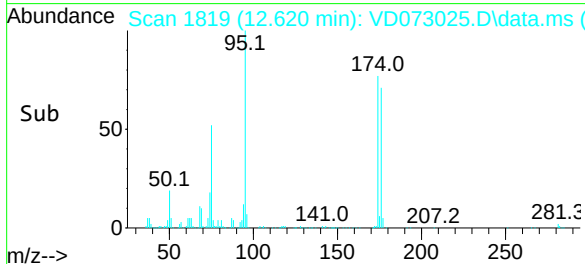
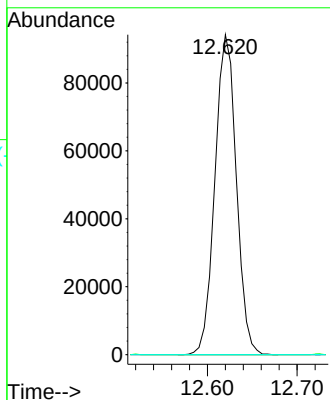
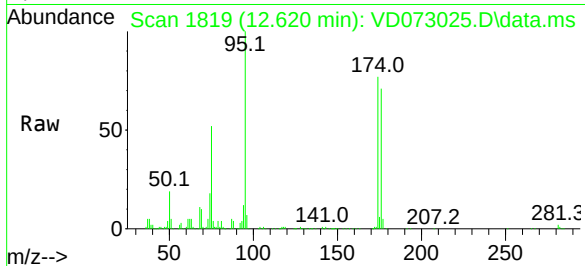




#81
trans-1,4-Dichloro-2-butene
Concen: 104.572 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073025.D
Acq: 14 May 2022 09:07

Instrument :
MSVOA_D
ClientSampleId :
SC-11

Tgt Ion: 75 Resp: 155900
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#84
1,2,4-Trimethylbenzene
Concen: 1.009 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VD073025.D
Acq: 14 May 2022 09:07

Tgt Ion: 105 Resp: 20456
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.8

