

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073532.D
 Acq On : 10 Jun 2022 17:02
 Operator : VA/SY
 Sample : N3299-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-16

Quant Time: Jun 10 23:06:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

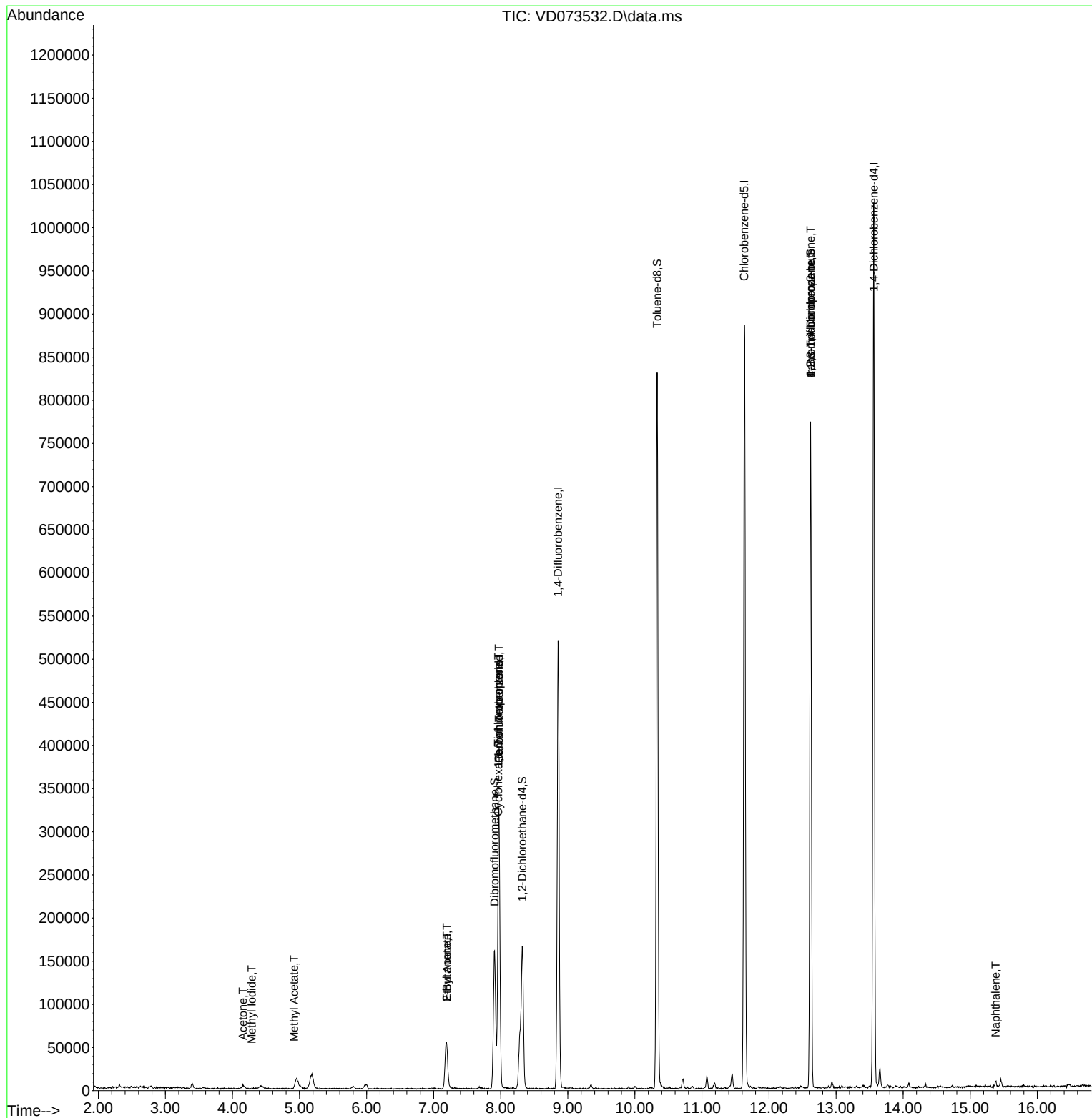
Internal Standards						
1) Pentafluorobenzene	7.973	168	245221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	450178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	530352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	271910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	127781	48.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.120%
35) Dibromofluoromethane	7.908	113	118803	41.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.080%
50) Toluene-d8	10.332	98	578123	52.821	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.640%
62) 4-Bromofluorobenzene	12.620	95	252102	63.449	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	126.900%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.285	142	425	4.302	ug/l #	77
11) Tert butyl alcohol	5.185	59	15868	Below Cal	#	74
16) Acetone	4.156	43	6181	13.340	ug/l #	55
18) Methyl Acetate	4.920	43	67	1.419	ug/l #	55
20) Methylene Chloride	4.962	84	9399	Below Cal	#	78
25) 2-Butanone	7.197	43	2718	3.987	ug/l #	52
31) Cyclohexane	7.961	56	5689	1.283	ug/l #	29
36) 1,1-Dichloropropene	7.967	75	20399	4.692	ug/l #	45
37) Ethyl Acetate	7.197	43	2718	1.548	ug/l #	1
38) Carbon Tetrachloride	7.973	117	24672	5.424	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	127546	48.285	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	127546	113.334	ug/l #	7
95) Naphthalene	15.379	128	4758	4.647	ug/l #	90

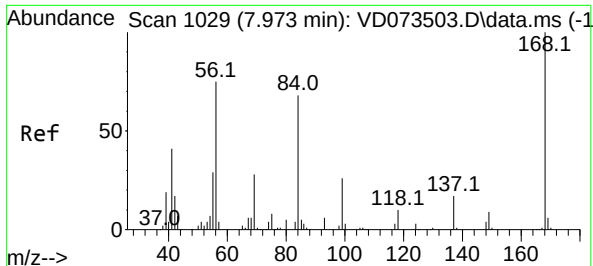
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
Data File : VD073532.D
Acq On : 10 Jun 2022 17:02
Operator : VA/SY
Sample : N3299-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SC-16

Quant Time: Jun 10 23:06:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

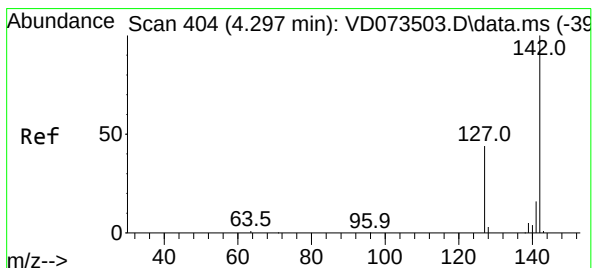
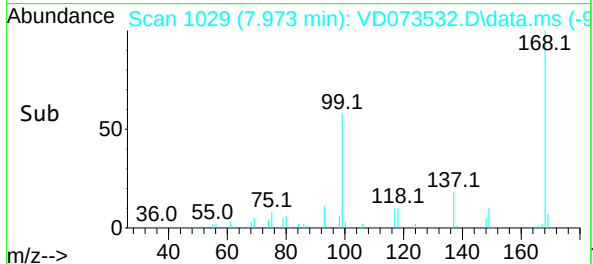
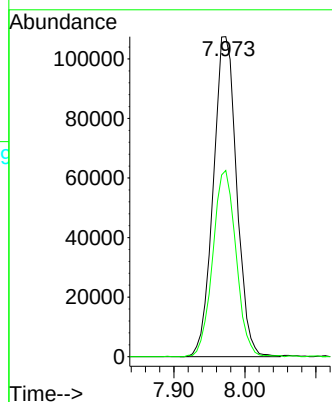
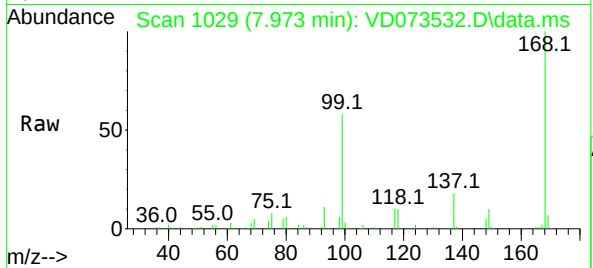




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073532.D
Acq: 10 Jun 2022 17:02

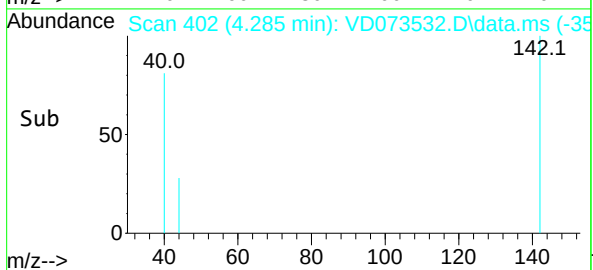
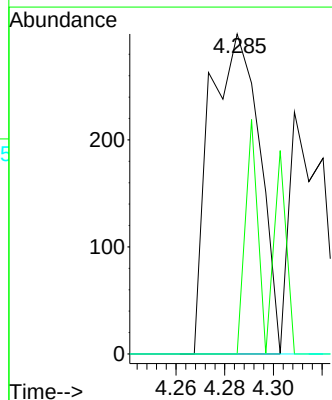
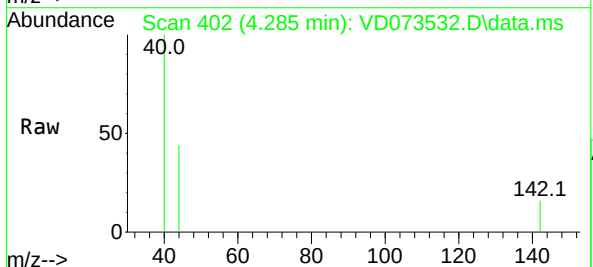
Instrument :
MSVOA_D
ClientSampleId :
SC-16

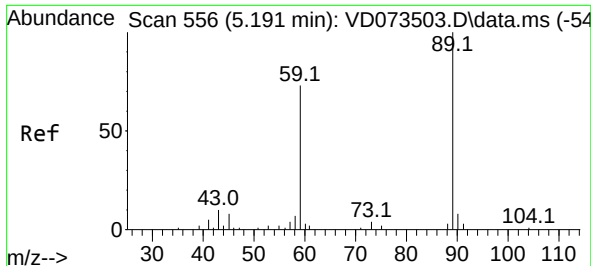
Tgt Ion:168 Resp: 245221
Ion Ratio Lower Upper
168 100
99 58.2 49.8 74.6



#10
Methyl Iodide
Concen: 4.302 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD073532.D
Acq: 10 Jun 2022 17:02

Tgt Ion:142 Resp: 425
Ion Ratio Lower Upper
142 100
127 33.9 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.185 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD073532.D

Acq: 10 Jun 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

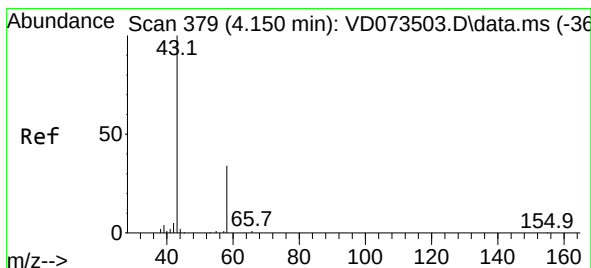
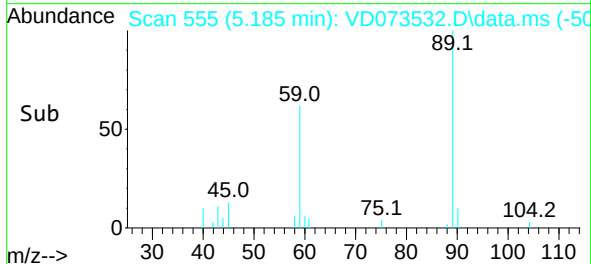
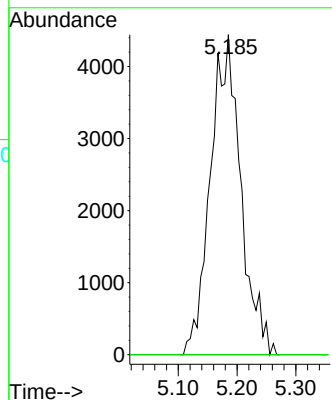
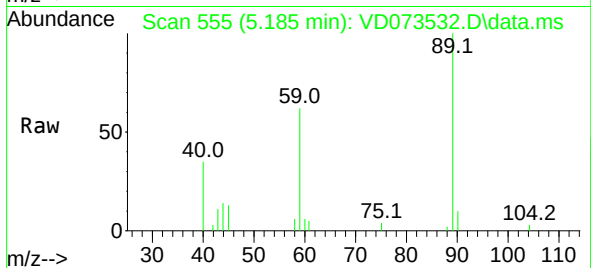
SC-16

Tgt Ion: 59 Resp: 15868

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 13.340 ug/l

RT: 4.156 min Scan# 380

Delta R.T. 0.006 min

Lab File: VD073532.D

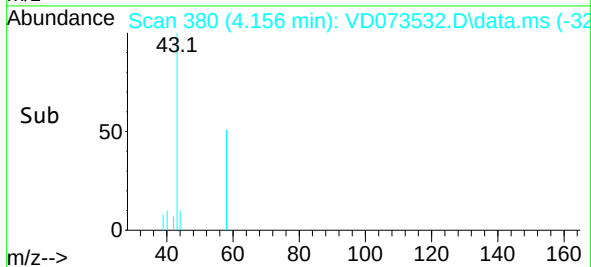
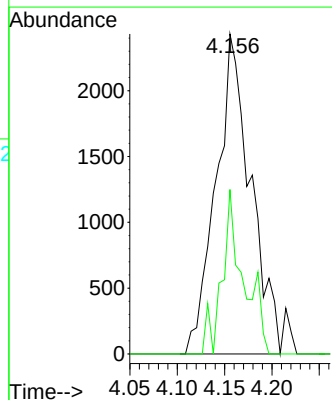
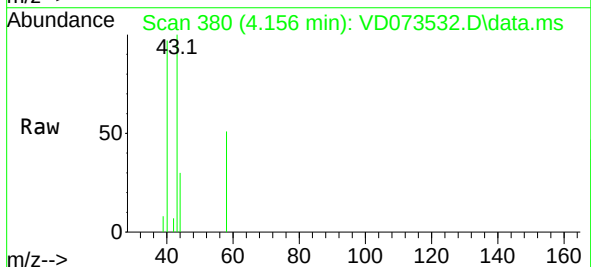
Acq: 10 Jun 2022 17:02

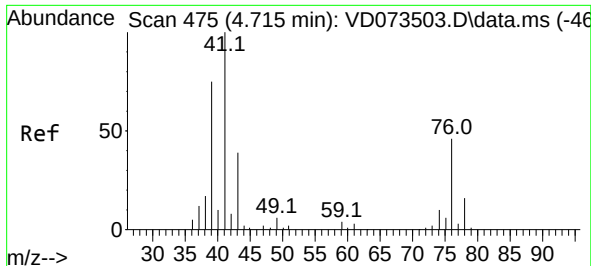
Tgt Ion: 43 Resp: 6181

Ion Ratio Lower Upper

43 100

58 51.4 22.1 33.1#

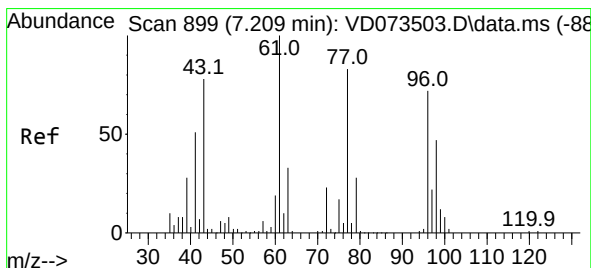
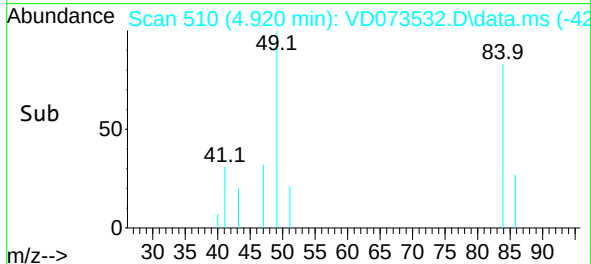
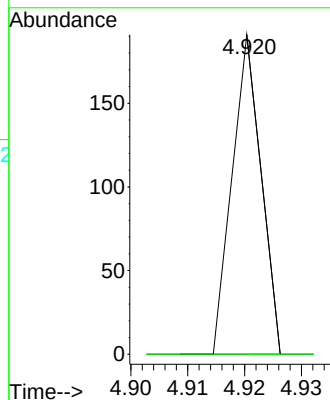
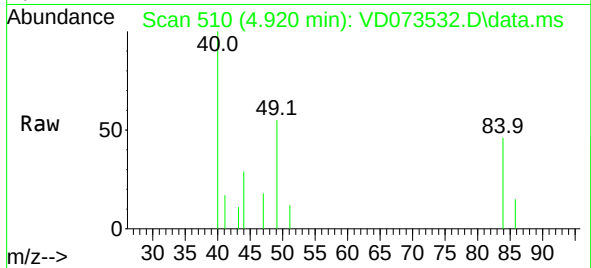




#18
Methyl Acetate
Concen: 1.419 ug/l
RT: 4.920 min Scan# 51
Delta R.T. 0.205 min
Lab File: VD073532.D
Acq: 10 Jun 2022 17:02

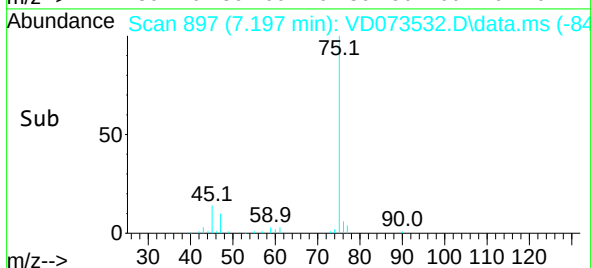
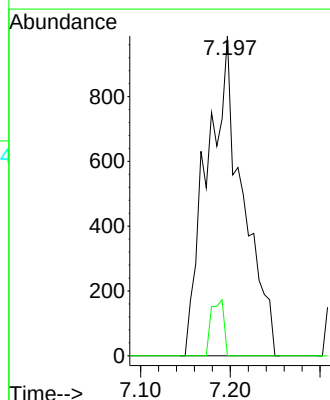
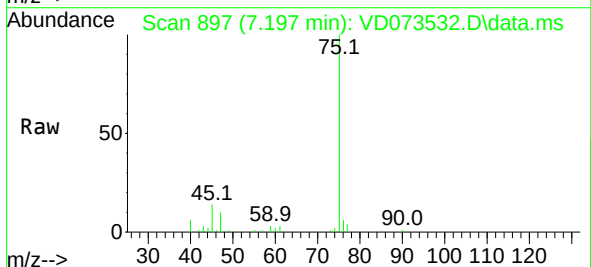
Instrument :
MSVOA_D
ClientSampleId :
SC-16

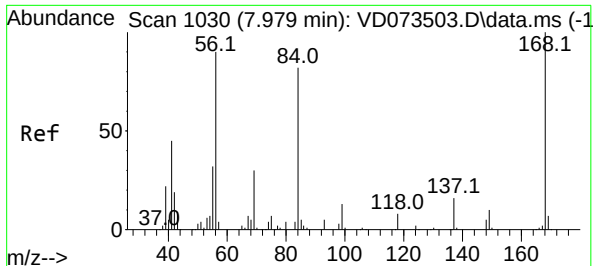
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#25
2-Butanone
Concen: 3.987 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073532.D
Acq: 10 Jun 2022 17:02

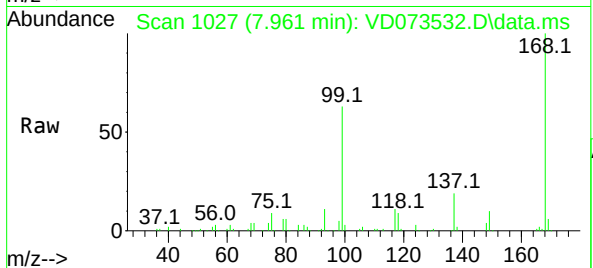
Tgt Ion: 43 Resp: 2718
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



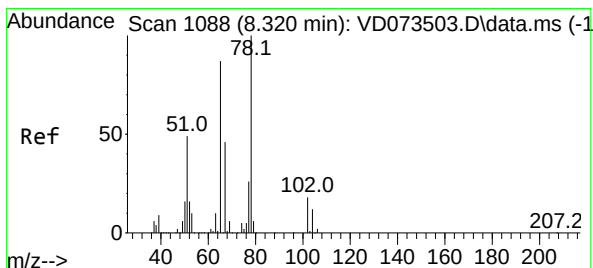
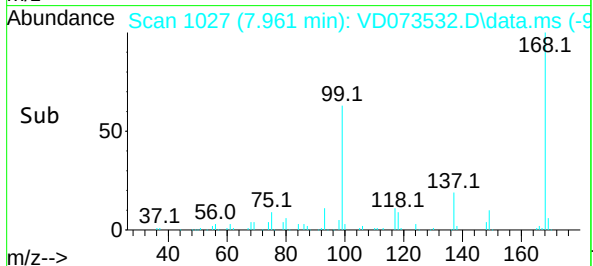
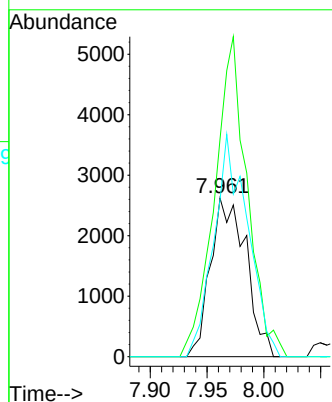


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.018 min
Lab File: VD073532.D
Acq: 10 Jun 2022 17:02

Instrument :
MSVOA_D
ClientSampleId :
SC-16

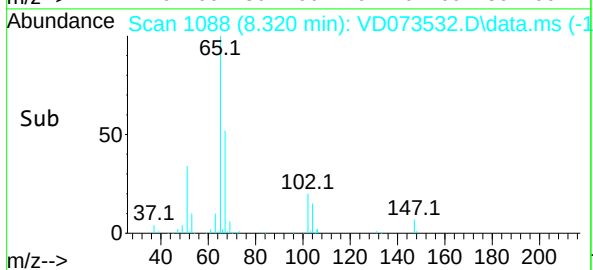
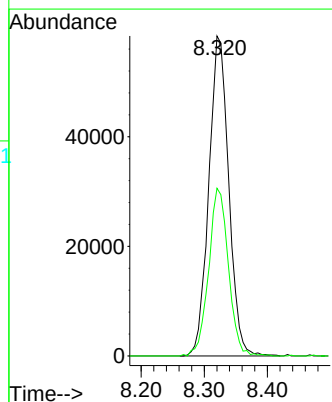
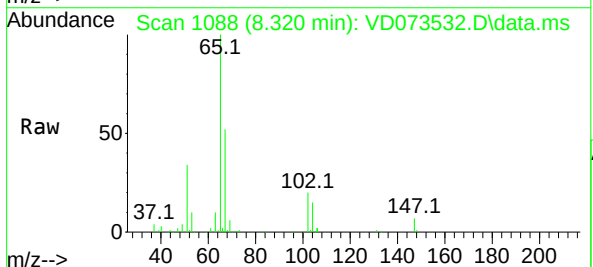


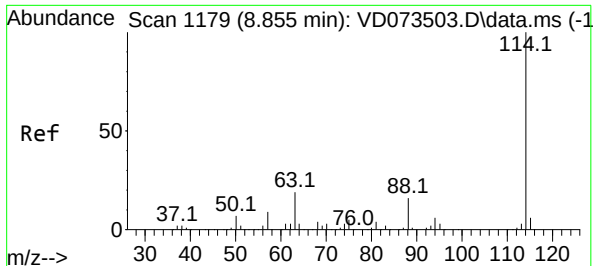
Tgt Ion: 56 Resp: 5689
Ion Ratio Lower Upper
56 100
69 137.3 25.4 38.2#
84 98.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 48.557 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073532.D
Acq: 10 Jun 2022 17:02

Tgt Ion: 65 Resp: 127781
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073532.D

Acq: 10 Jun 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

SC-16

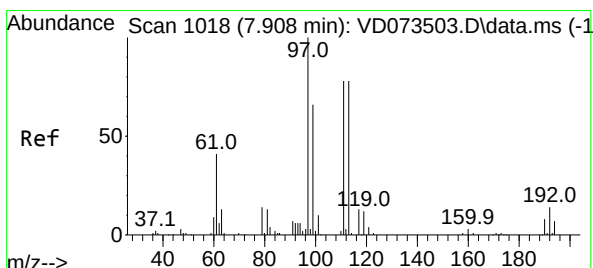
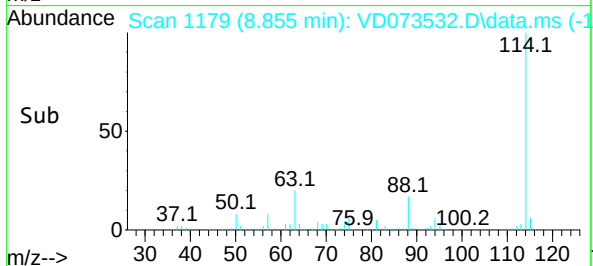
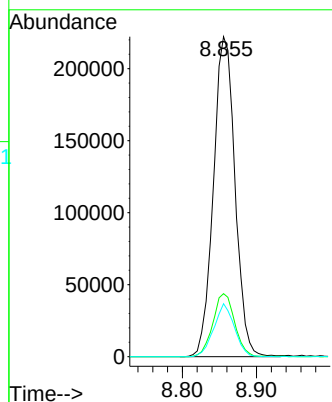
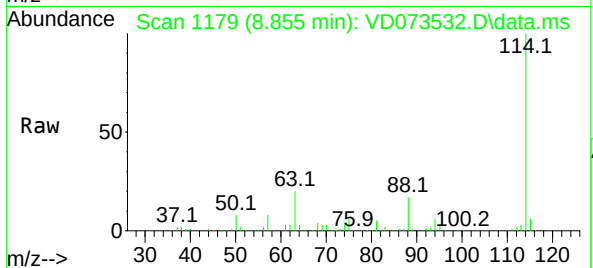
Tgt Ion:114 Resp: 450178

Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 41.040 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073532.D

Acq: 10 Jun 2022 17:02

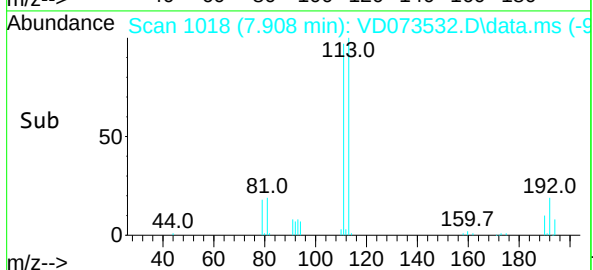
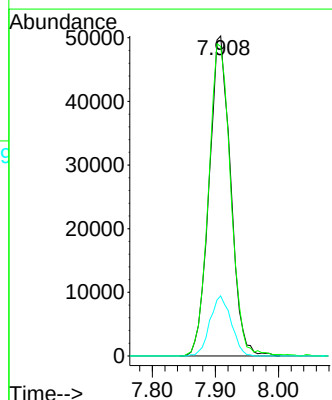
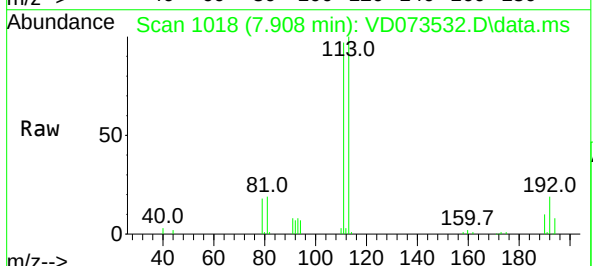
Tgt Ion:113 Resp: 118803

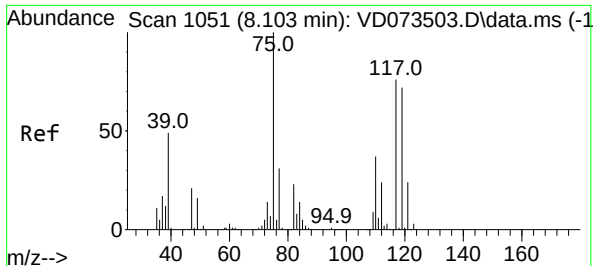
Ion Ratio Lower Upper

113 100

111 100.7 83.8 125.6

192 18.5 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.692 ug/l

RT: 7.967 min Scan# 1

Delta R.T. -0.136 min

Lab File: VD073532.D

Acq: 10 Jun 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

SC-16

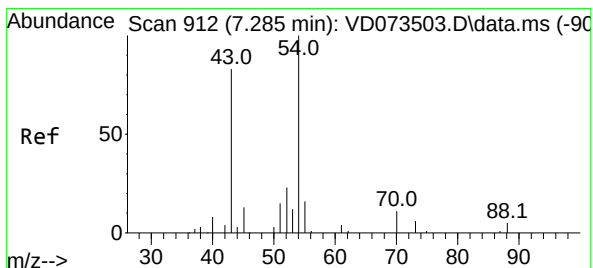
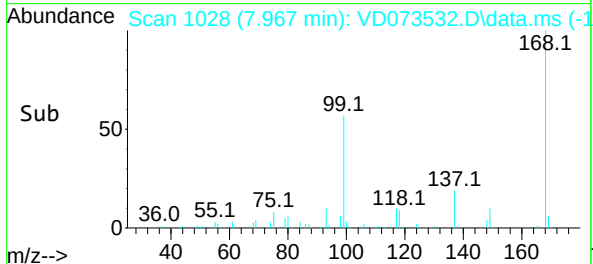
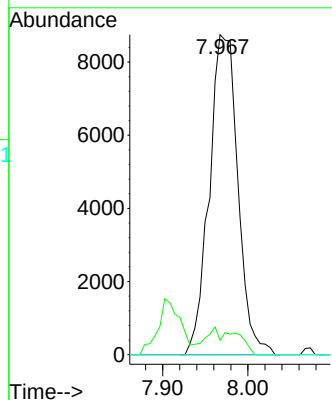
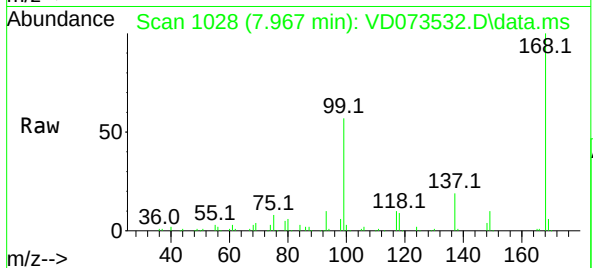
Tgt Ion: 75 Resp: 20399

Ion Ratio Lower Upper

75 100

110 1.8 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 1.548 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.088 min

Lab File: VD073532.D

Acq: 10 Jun 2022 17:02

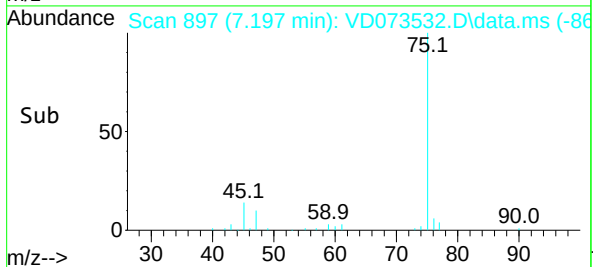
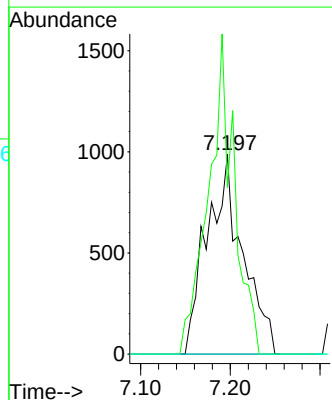
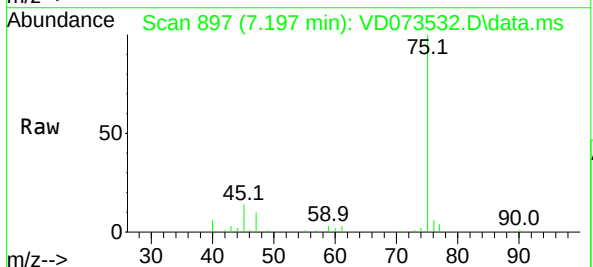
Tgt Ion: 43 Resp: 2718

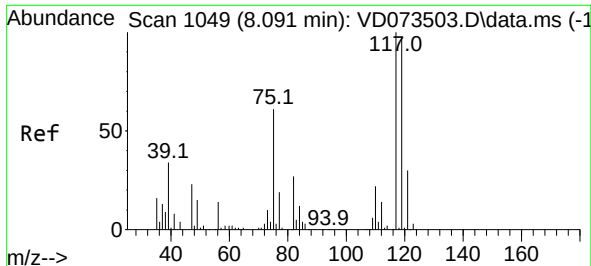
Ion Ratio Lower Upper

43 100

61 116.3 9.8 14.8#

70 0.0 6.9 10.3#

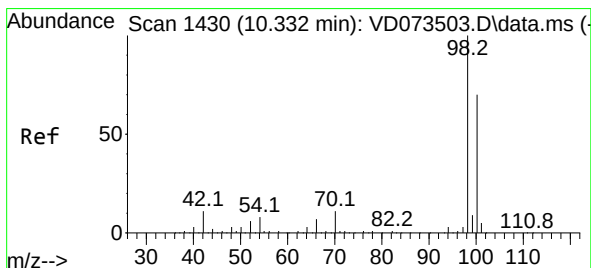
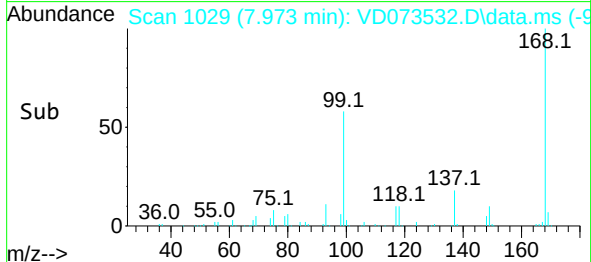
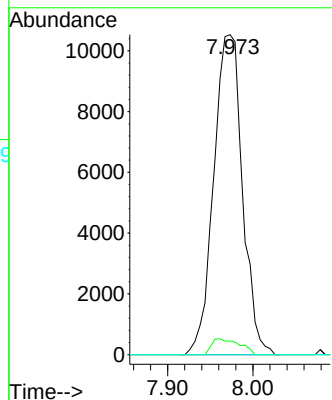
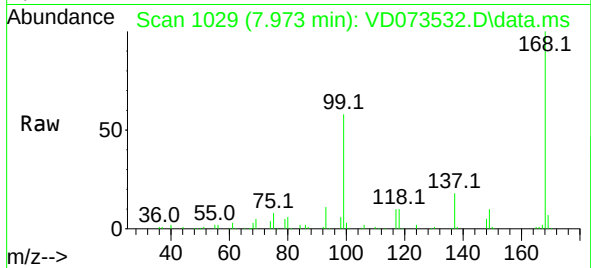




#38
Carbon Tetrachloride
Concen: 5.424 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073532.D
Acq: 10 Jun 2022 17:02

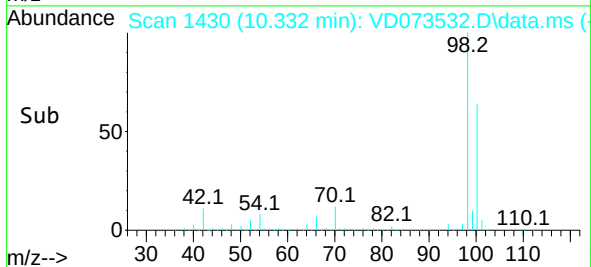
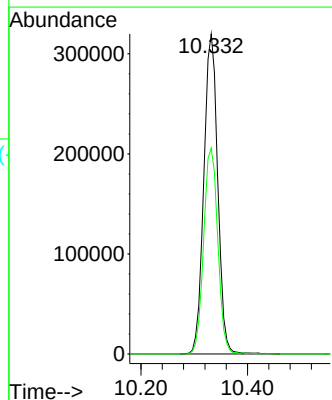
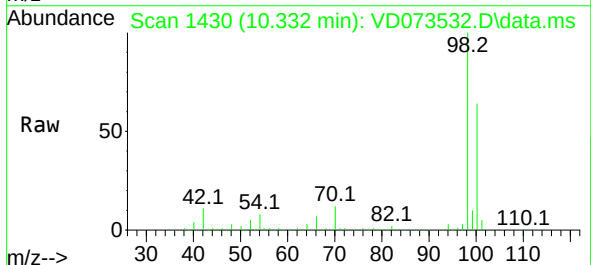
Instrument :
MSVOA_D
ClientSampleId :
SC-16

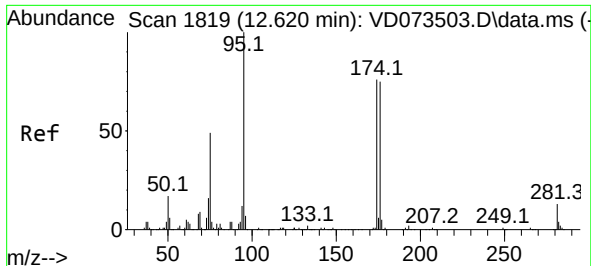
Tgt Ion:117 Resp: 24672
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.821 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073532.D
Acq: 10 Jun 2022 17:02

Tgt Ion: 98 Resp: 578123
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

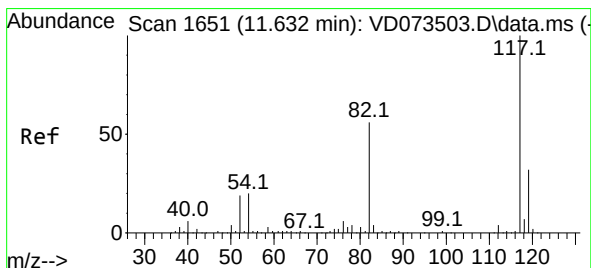
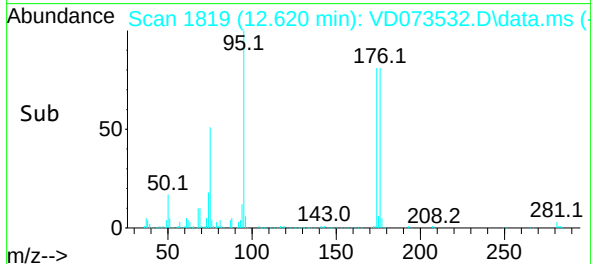
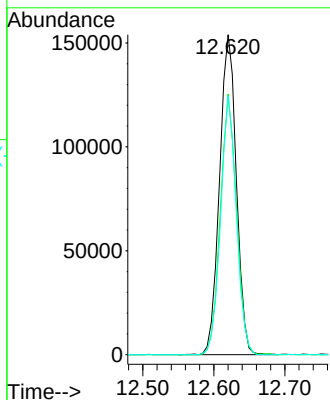
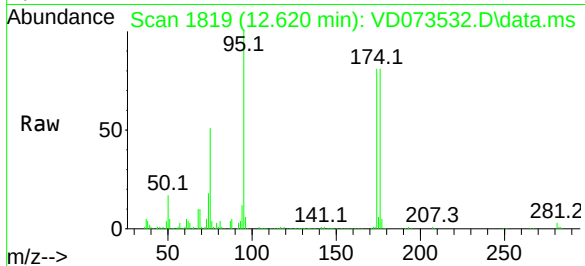




#62
4-Bromofluorobenzene
Concen: 63.449 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073532.D
Acq: 10 Jun 2022 17:02

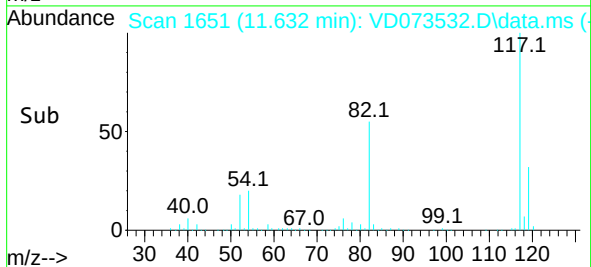
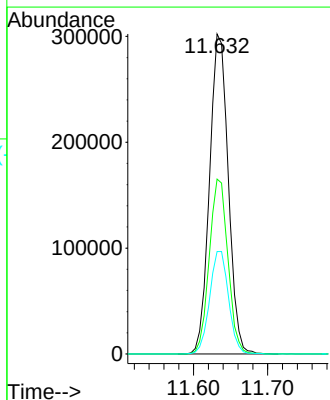
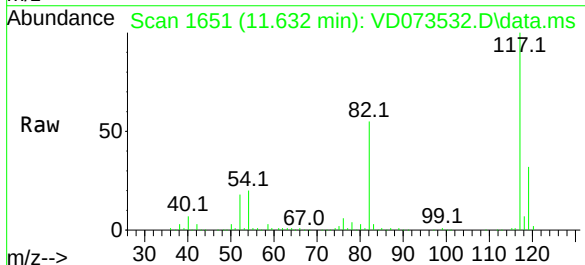
Instrument :
MSVOA_D
ClientSampleId :
SC-16

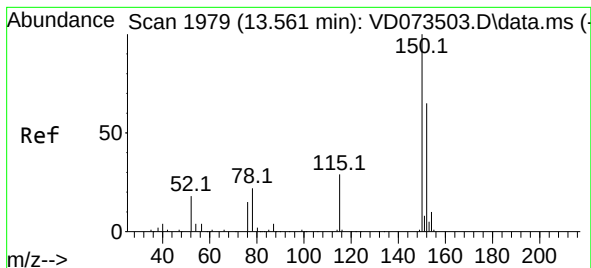
Tgt Ion: 95 Resp: 252102
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 75.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073532.D
Acq: 10 Jun 2022 17:02

Tgt Ion: 117 Resp: 530352
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 32.0 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: VD073532.D

Acq: 10 Jun 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

SC-16

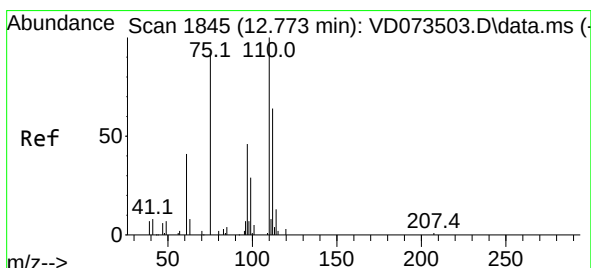
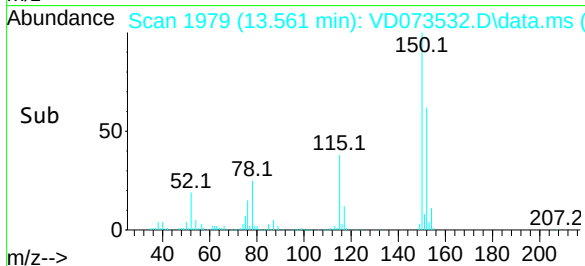
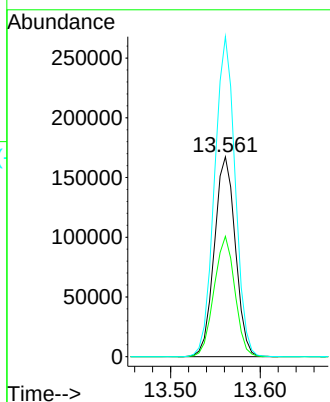
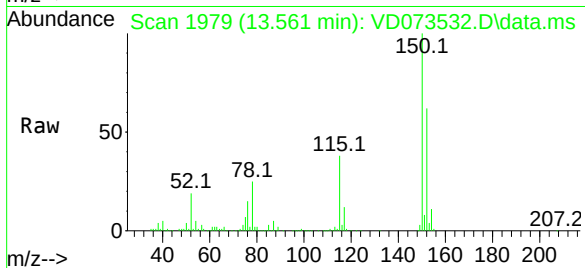
Tgt Ion:152 Resp: 271910

Ion Ratio Lower Upper

152 100

115 59.6 31.3 93.8

150 157.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 48.285 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.153 min

Lab File: VD073532.D

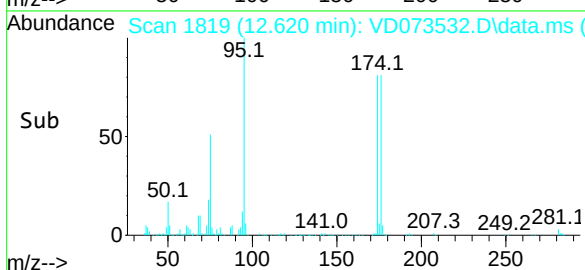
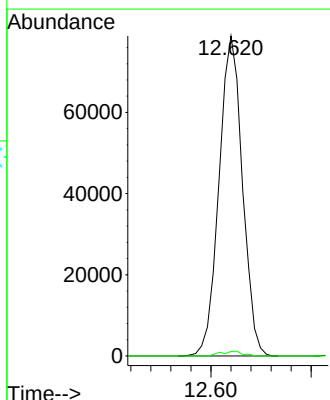
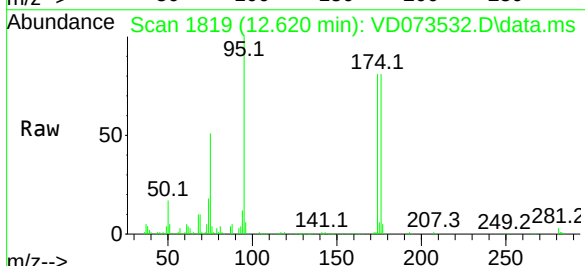
Acq: 10 Jun 2022 17:02

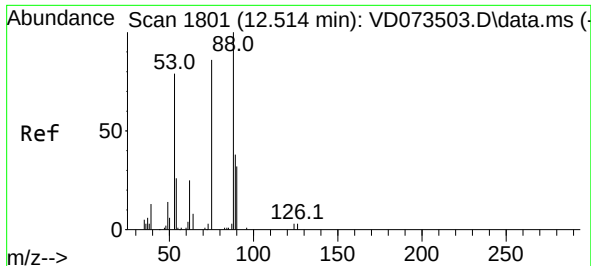
Tgt Ion: 75 Resp: 127546

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

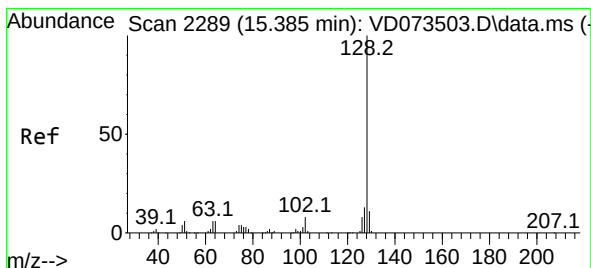
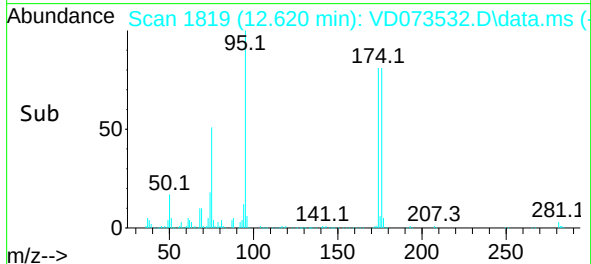
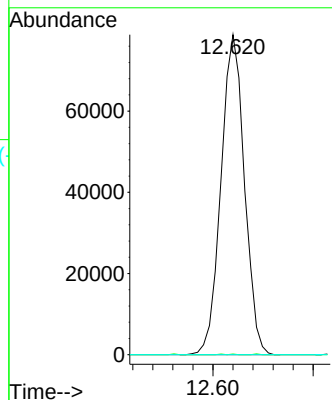
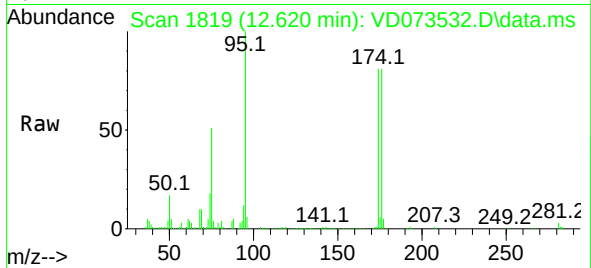




#81
trans-1,4-Dichloro-2-butene
Concen: 113.334 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073532.D
Acq: 10 Jun 2022 17:02

Instrument :
MSVOA_D
ClientSampleId :
SC-16

Tgt Ion: 75 Resp: 127546
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 4.647 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073532.D
Acq: 10 Jun 2022 17:02

Tgt Ion: 128 Resp: 4758
Ion Ratio Lower Upper
128 100
127 17.3 10.3 15.5#
129 14.0 8.4 12.6#

