

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073544.D
 Acq On : 13 Jun 2022 14:14
 Operator : VA/SY
 Sample : N3296-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-060922

Quant Time: Jun 14 01:28:10 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)

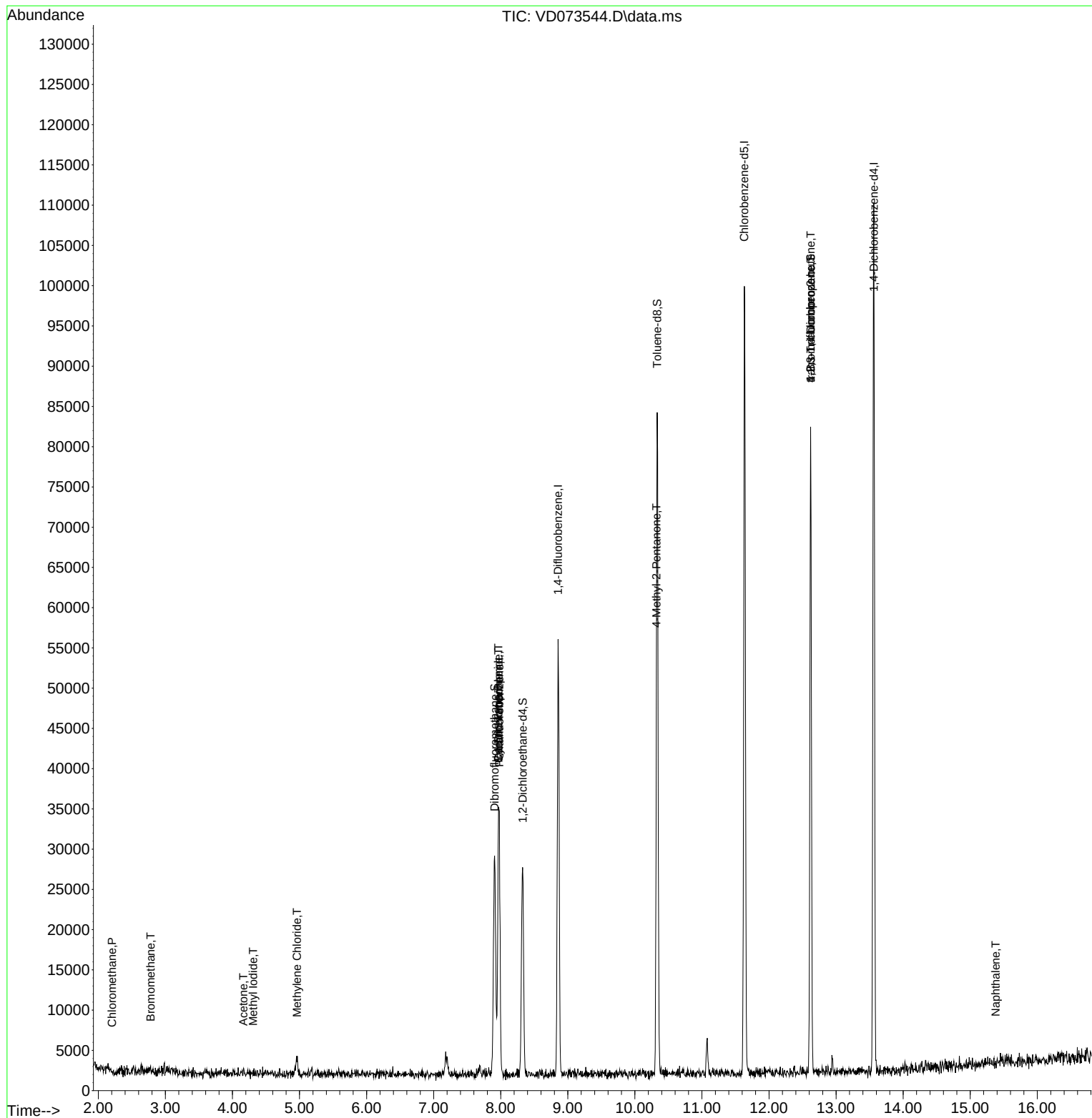
Internal Standards						
1) Pentafluorobenzene	7.979	168	25643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	44039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	61232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	28804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	22332	81.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.300%	
35) Dibromofluoromethane	7.908	113	20707	73.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 146.240%	
50) Toluene-d8	10.332	98	59459	55.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.060%	
62) 4-Bromofluorobenzene	12.620	95	26123	67.207	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 134.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	389	1.551	ug/l #	40
5) Bromomethane	2.779	94	614	3.642	ug/l #	59
10) Methyl Iodide	4.309	142	486	5.580	ug/l #	51
11) Tert butyl alcohol	5.185	59	199	Below Cal	#	74
16) Acetone	4.162	43	365	7.533	ug/l #	22
20) Methylene Chloride	4.962	84	1419	1.505	ug/l #	51
31) Cyclohexane	7.967	56	495	1.068	ug/l #	64
36) 1,1-Dichloropropene	7.967	75	2165	5.090	ug/l #	46
38) Carbon Tetrachloride	7.967	117	2778	6.244	ug/l #	13
51) 4-Methyl-2-Pentanone	10.320	43	196	1.172	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	13490	48.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	13490	113.156	ug/l #	7
95) Naphthalene	15.379	128	72	4.267	ug/l #	70

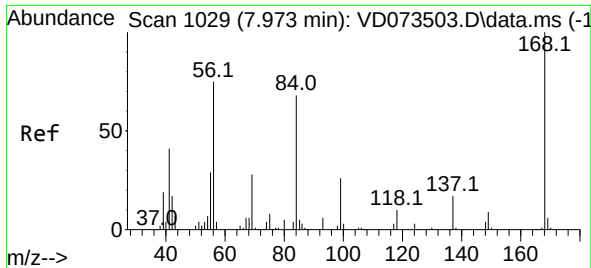
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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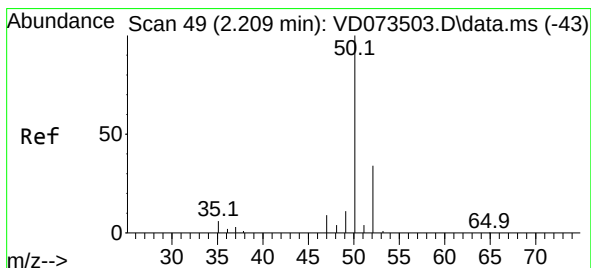
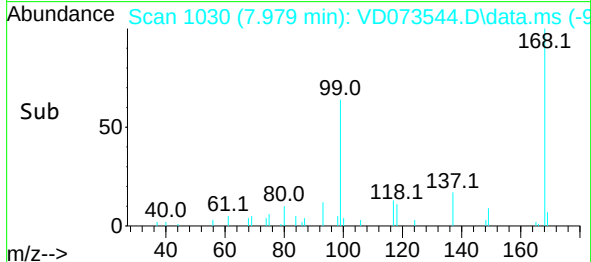
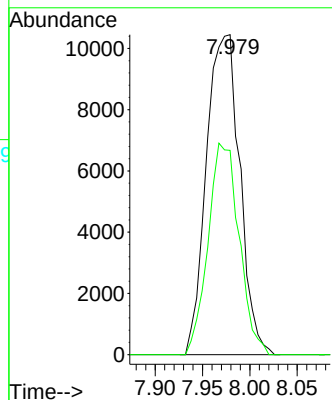
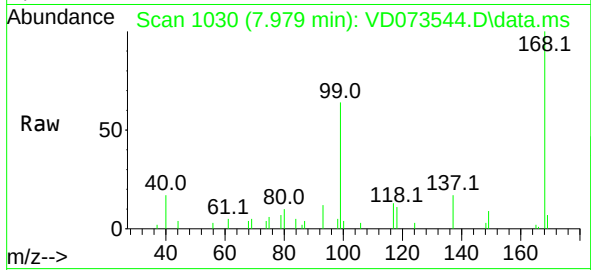




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

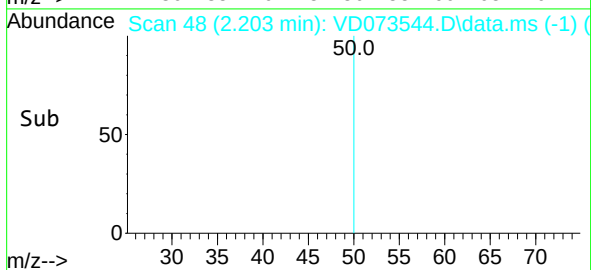
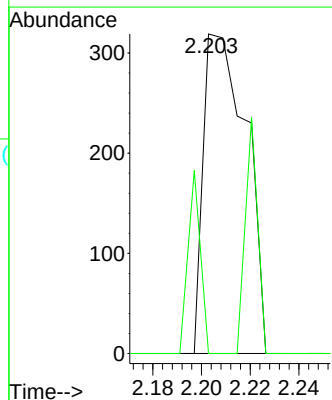
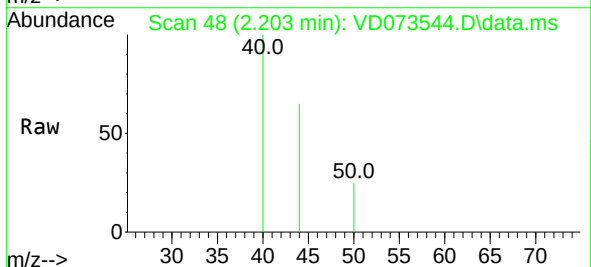
Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

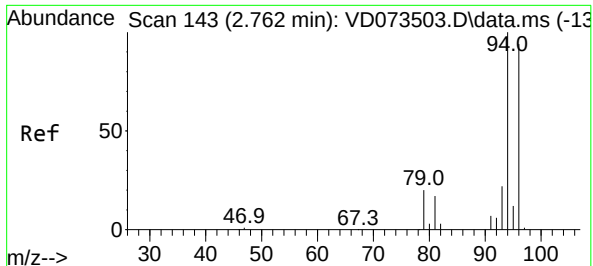
Tgt Ion:168 Resp: 25643
Ion Ratio Lower Upper
168 100
99 63.9 49.8 74.6



#3
Chloromethane
Concen: 1.551 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

Tgt Ion: 50 Resp: 389
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

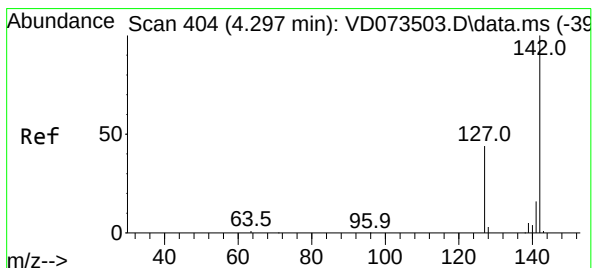
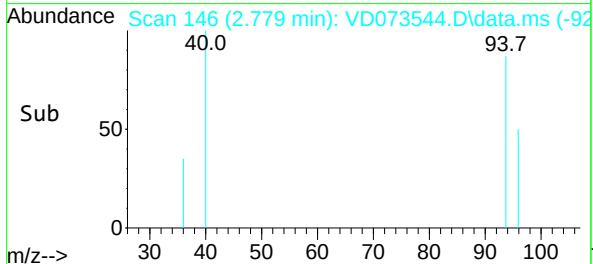
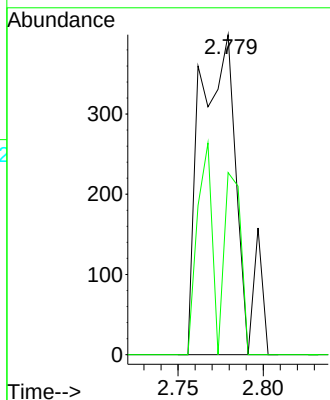
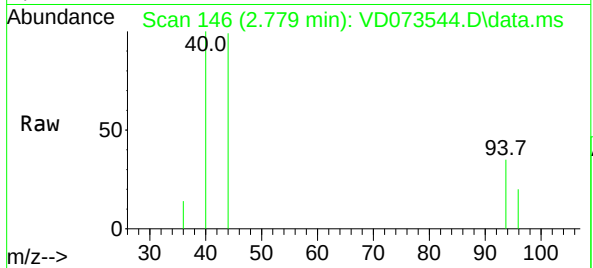




#5
Bromomethane
Concen: 3.642 ug/l
RT: 2.779 min Scan# 14
Delta R.T. 0.017 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

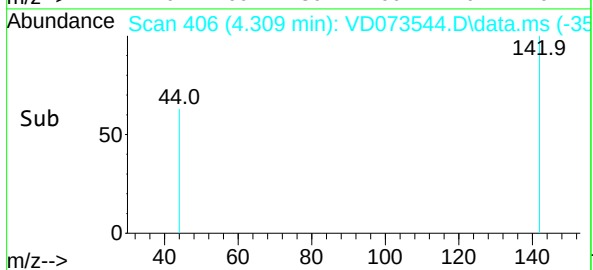
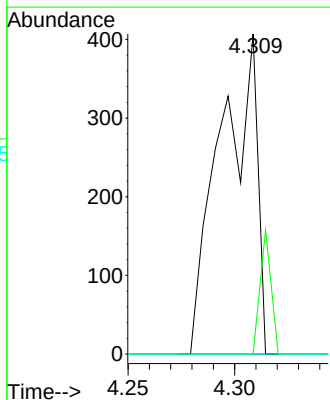
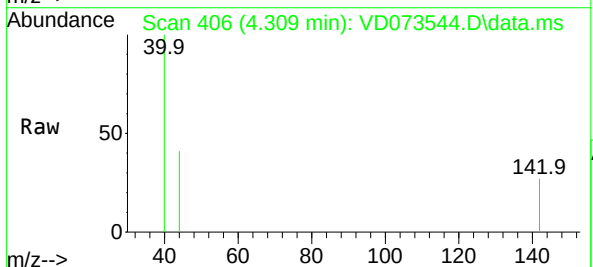
Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

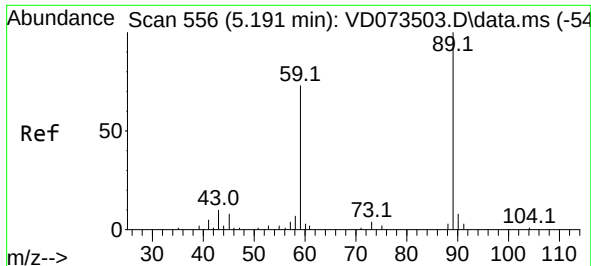
Tgt Ion: 94 Resp: 614
Ion Ratio Lower Upper
94 100
96 56.9 77.6 116.4#



#10
Methyl Iodide
Concen: 5.580 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

Tgt Ion: 142 Resp: 486
Ion Ratio Lower Upper
142 100
127 11.5 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: VD073544.D

Acq: 13 Jun 2022 14:14

Instrument :

MSVOA_D

ClientSampleId :

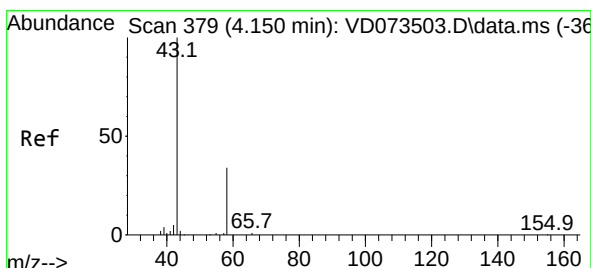
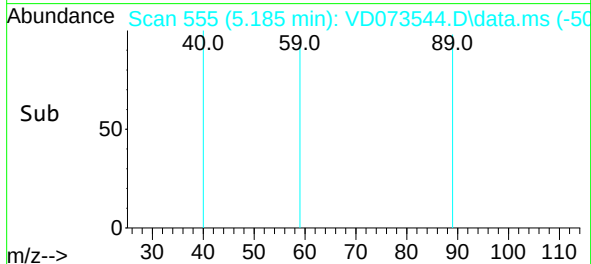
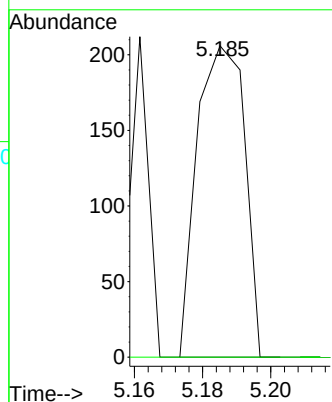
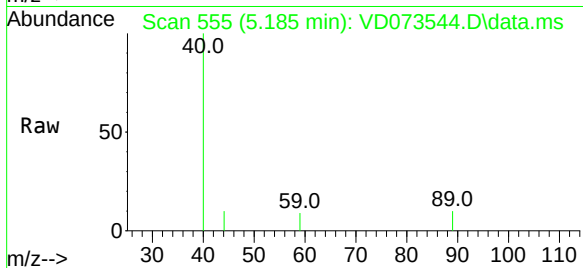
OK-03-060922

Tgt Ion: 59 Resp: 199

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 7.533 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.012 min

Lab File: VD073544.D

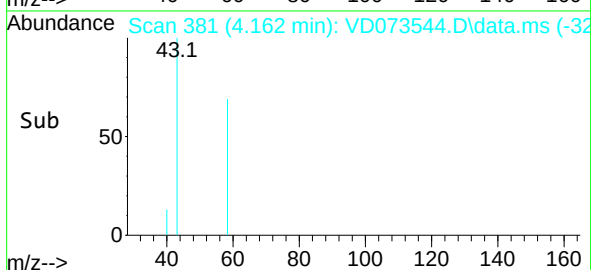
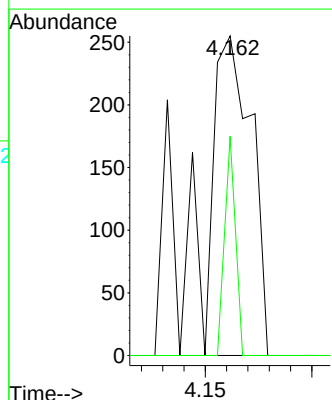
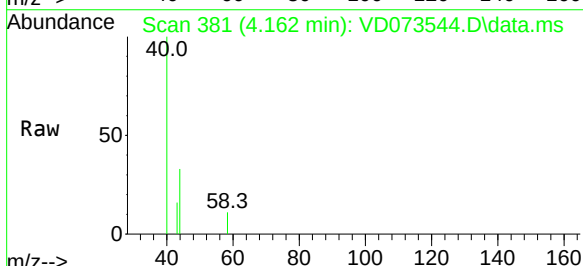
Acq: 13 Jun 2022 14:14

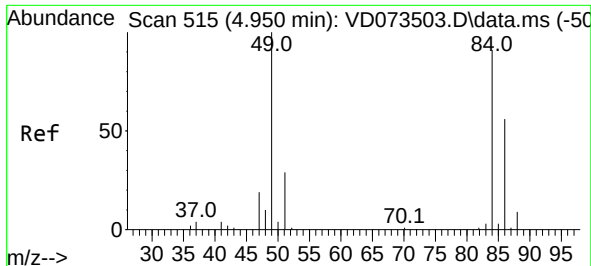
Tgt Ion: 43 Resp: 365

Ion Ratio Lower Upper

43 100

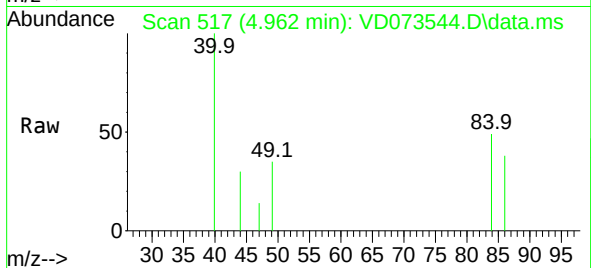
58 68.6 22.1 33.1#





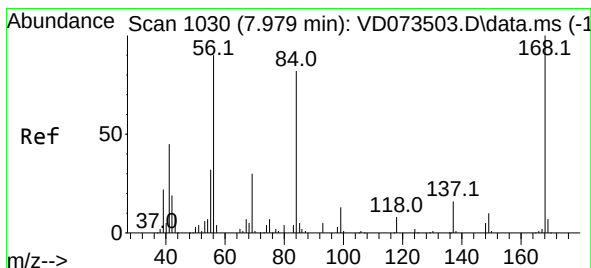
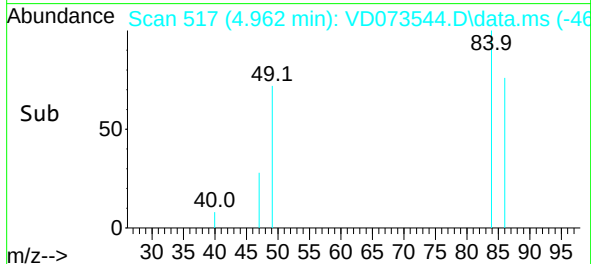
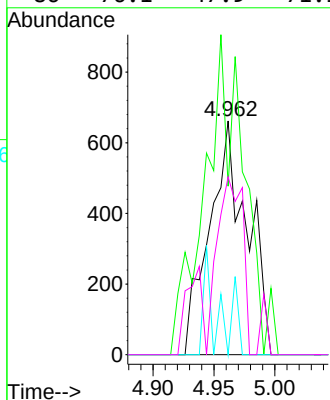
#20
Methylene Chloride
Concen: 1.505 ug/l
RT: 4.962 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922



Tgt Ion: 84 Resp: 1419

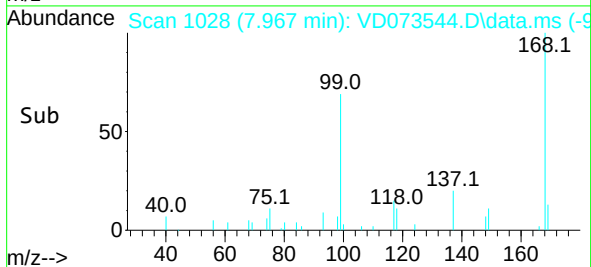
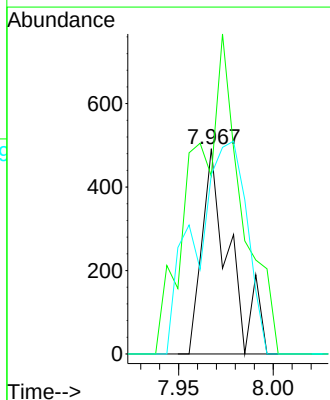
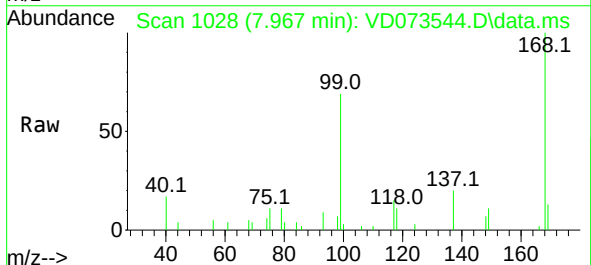
Ion	Ratio	Lower	Upper
84	100		
49	72.1	112.8	169.2#
51	0.0	32.6	48.8#
86	76.1	47.9	71.9#

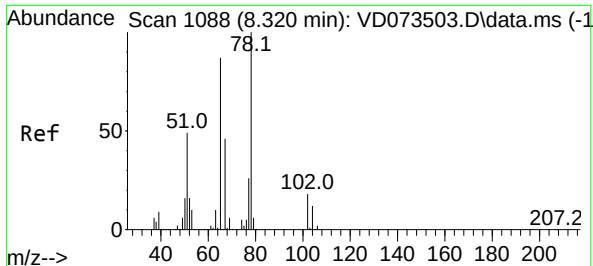


#31
Cyclohexane
Concen: 1.068 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

Tgt Ion: 56 Resp: 495

Ion	Ratio	Lower	Upper
56	100		
69	86.8	25.4	38.2#
84	87.4	63.0	94.4





#33

1,2-Dichloroethane-d4

Concen: 81.153 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073544.D

Acq: 13 Jun 2022 14:14

Instrument :

MSVOA_D

ClientSampleId :

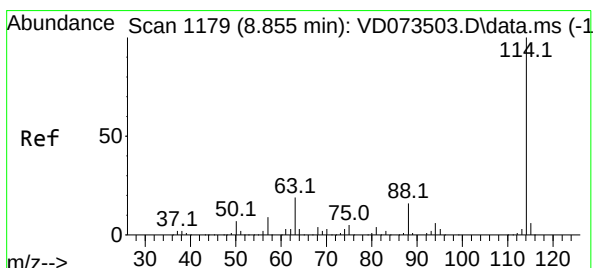
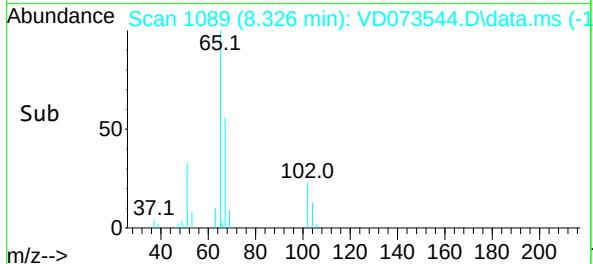
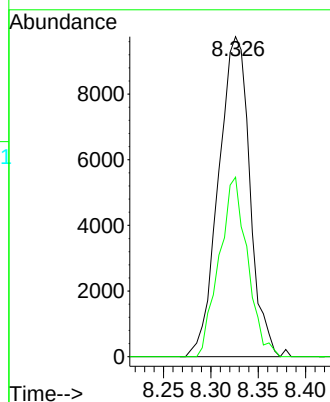
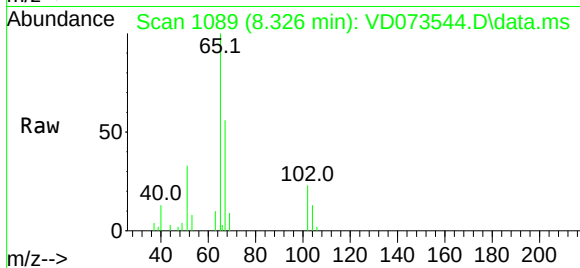
OK-03-060922

Tgt Ion: 65 Resp: 22332

Ion Ratio Lower Upper

65 100

67 50.9 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: VD073544.D

Acq: 13 Jun 2022 14:14

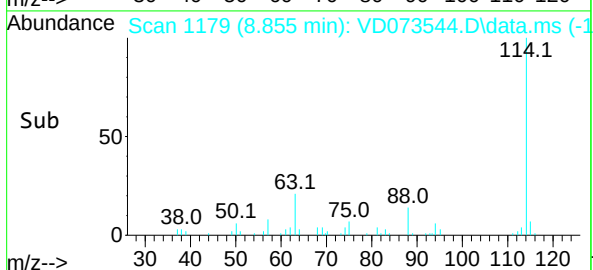
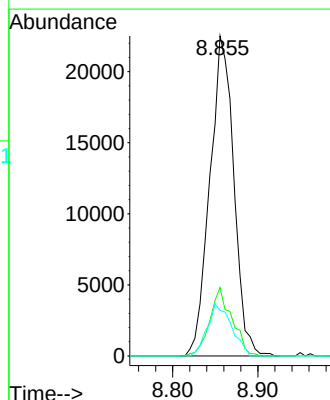
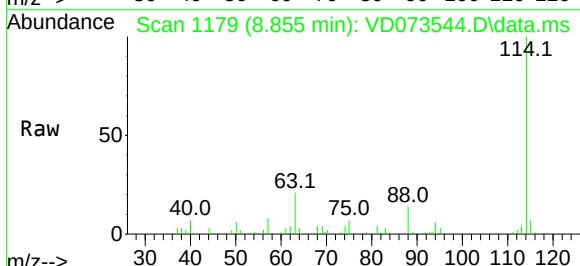
Tgt Ion: 114 Resp: 44039

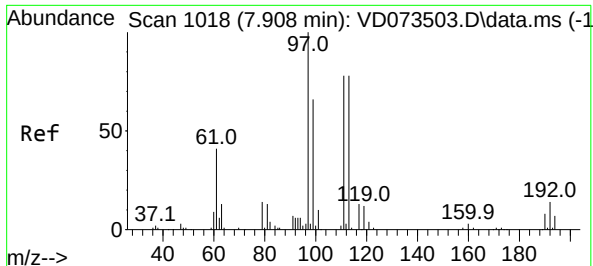
Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 14.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 73.121 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073544.D

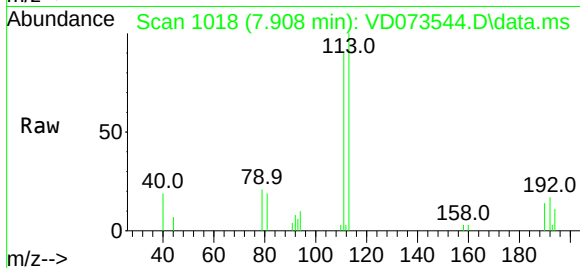
Acq: 13 Jun 2022 14:14

Instrument :

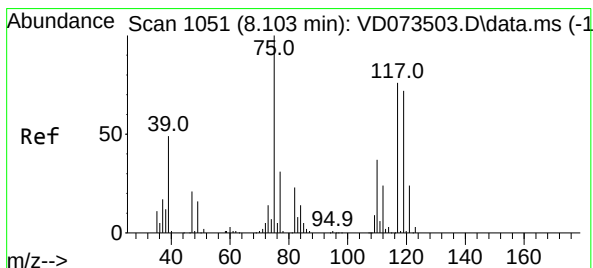
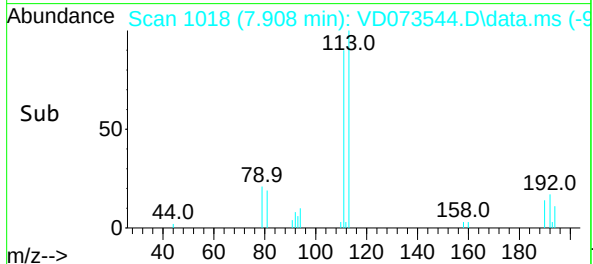
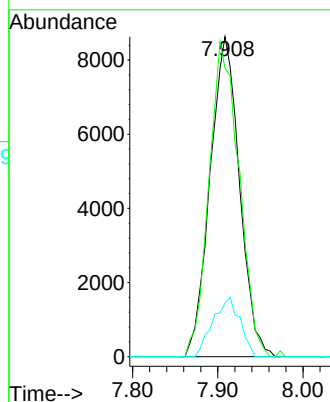
MSVOA_D

ClientSampleId :

OK-03-060922



Tgt Ion:	113	Resp:	20707
Ion	Ratio	Lower	Upper
113	100		
111	100.3	83.8	125.6
192	16.9	14.6	21.8



#36

1,1-Dichloropropene

Concen: 5.090 ug/l

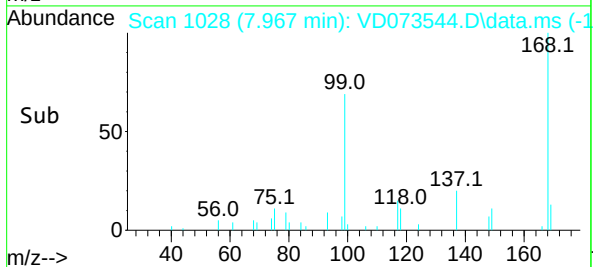
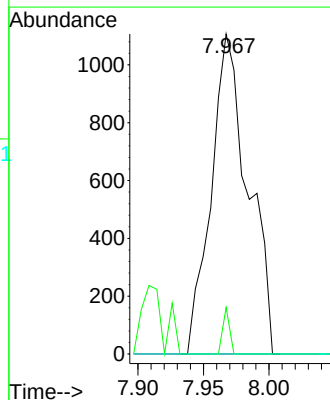
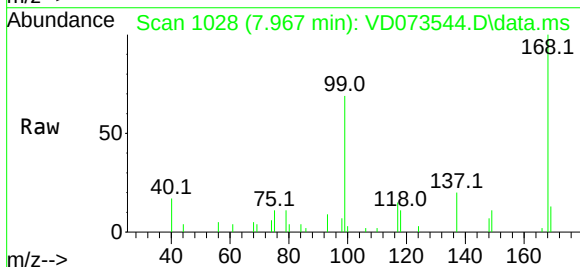
RT: 7.967 min Scan# 1028

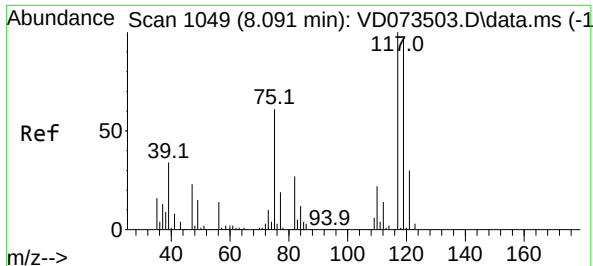
Delta R.T. -0.136 min

Lab File: VD073544.D

Acq: 13 Jun 2022 14:14

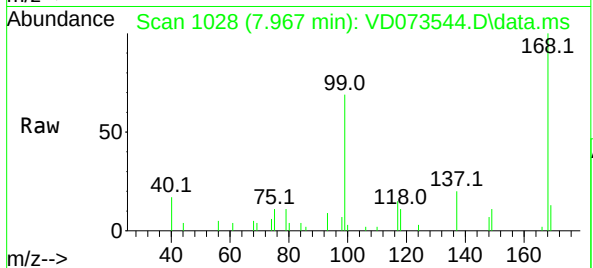
Tgt Ion:	75	Resp:	2165
Ion	Ratio	Lower	Upper
75	100		
110	2.6	16.4	49.1#
77	0.0	24.2	36.2#



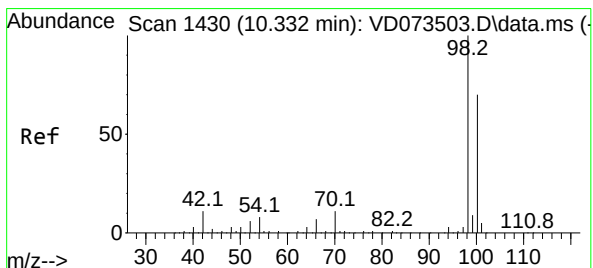
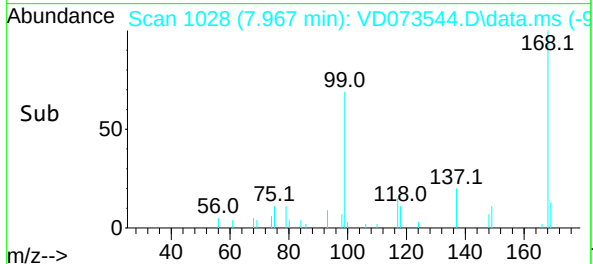
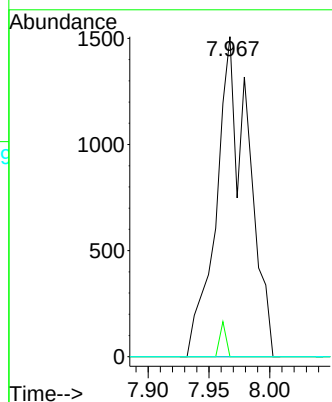


#38
Carbon Tetrachloride
Concen: 6.244 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

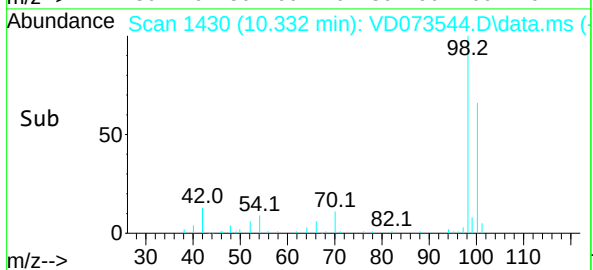
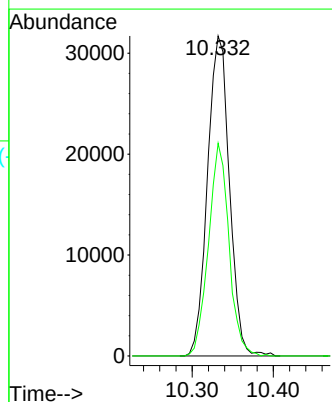
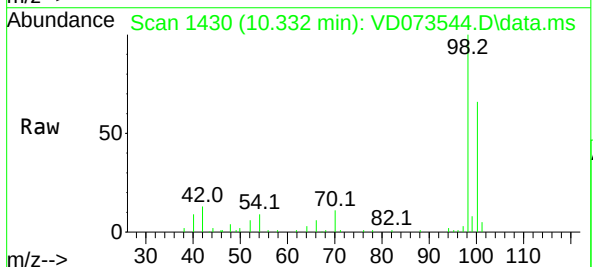


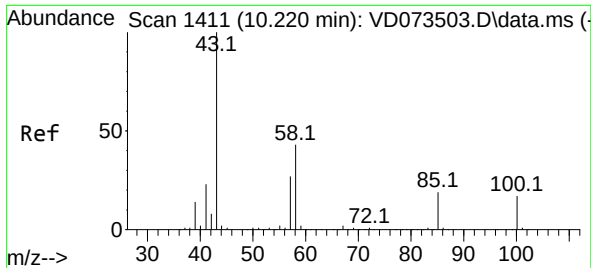
Tgt Ion:117 Resp: 2778
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 55.533 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

Tgt Ion: 98 Resp: 59459
Ion Ratio Lower Upper
98 100
100 62.1 52.4 78.6

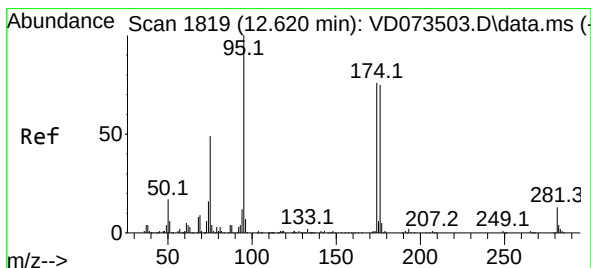
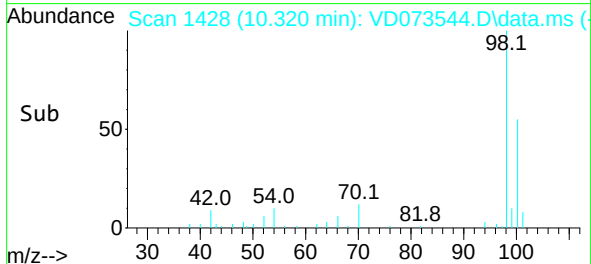
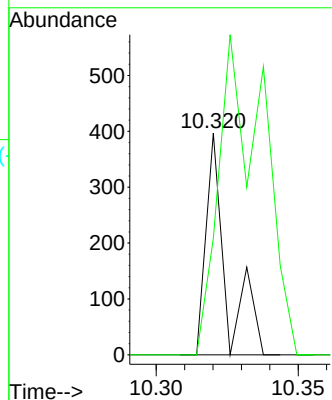
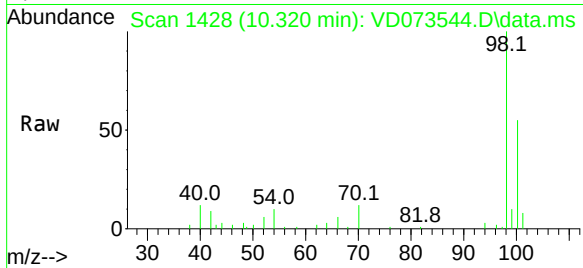




#51
4-Methyl-2-Pentanone
Concen: 1.172 ug/l
RT: 10.320 min Scan# 1411
Delta R.T. 0.100 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

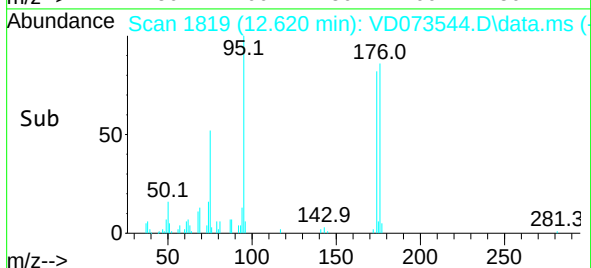
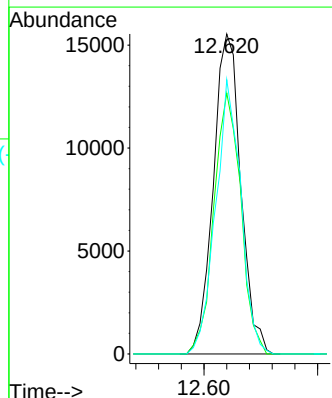
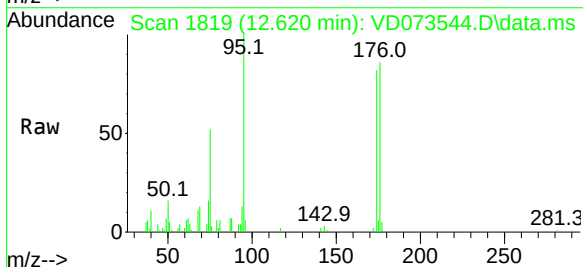
Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

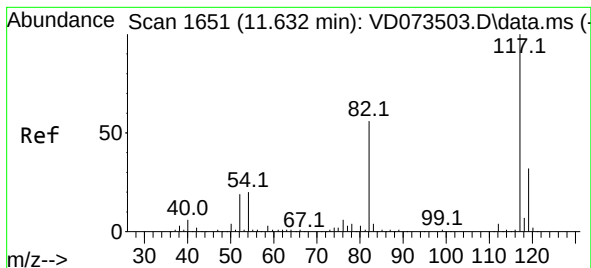
Tgt Ion: 43 Resp: 196
Ion Ratio Lower Upper
43 100
58 316.3 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 67.207 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

Tgt Ion: 95 Resp: 26123
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.8
176 78.6 0.0 145.4

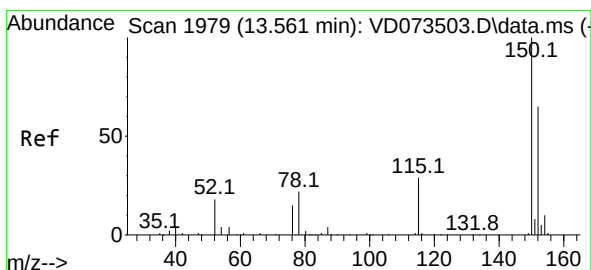
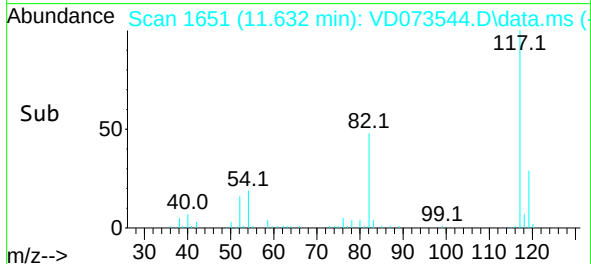
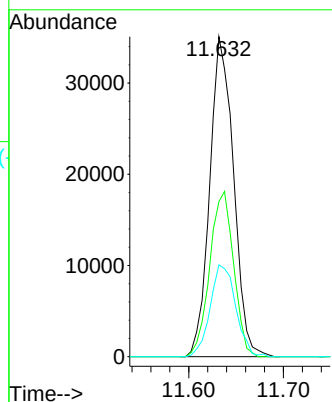
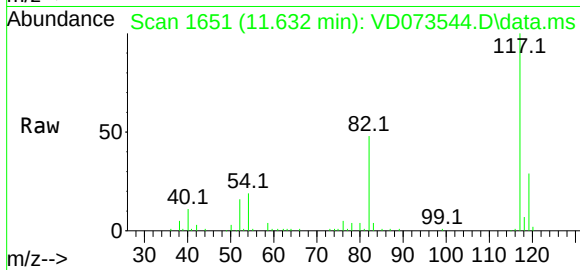




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

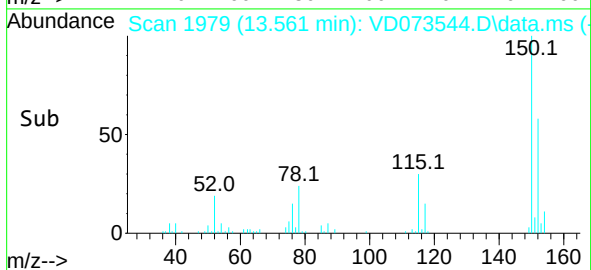
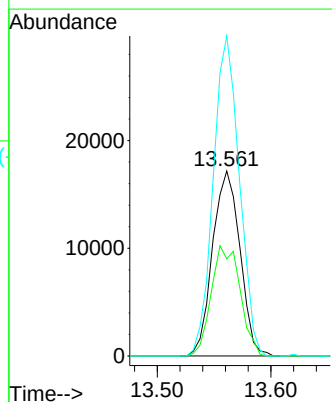
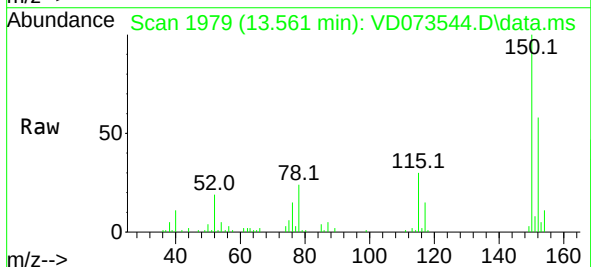
Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

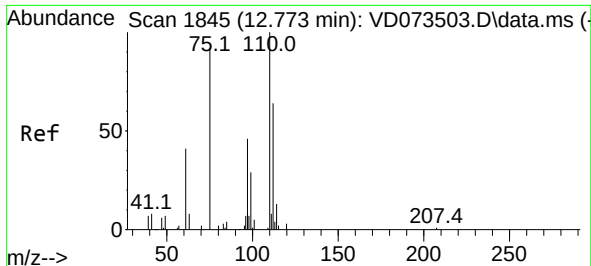
Tgt Ion:117 Resp: 61232
Ion Ratio Lower Upper
117 100
82 48.4 45.3 67.9
119 28.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

Tgt Ion:152 Resp: 28804
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 164.8 0.0 348.6

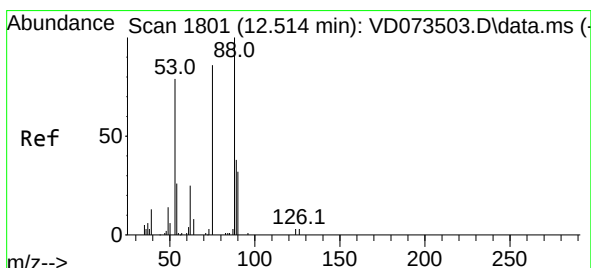
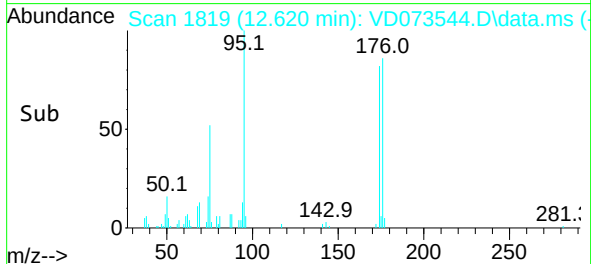
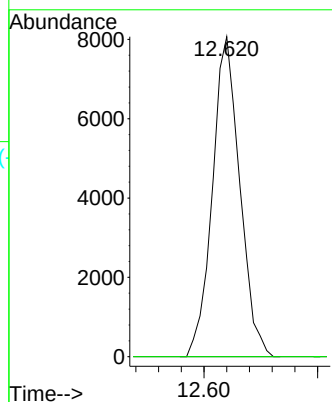
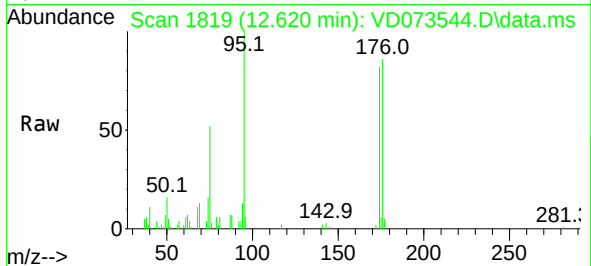




#76
1,2,3-Trichloropropane
Concen: 48.210 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

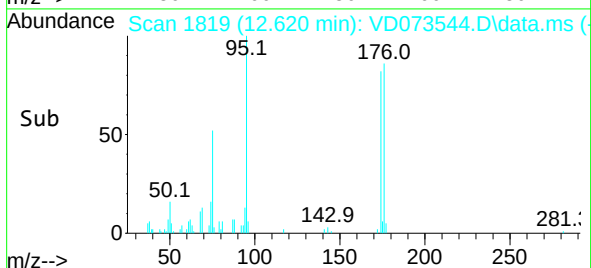
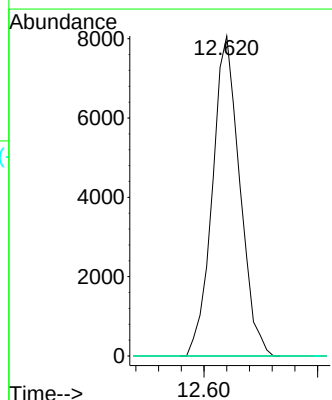
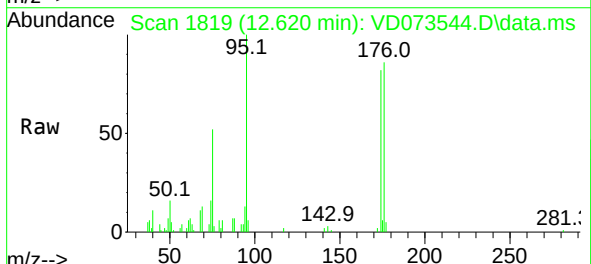
Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

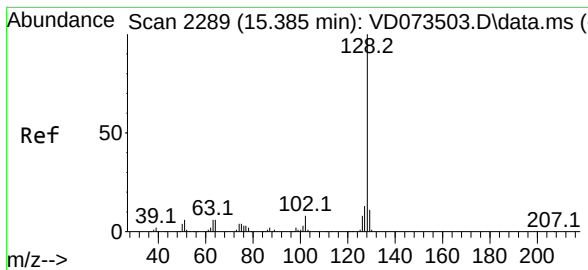
Tgt Ion: 75 Resp: 13490
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 113.156 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

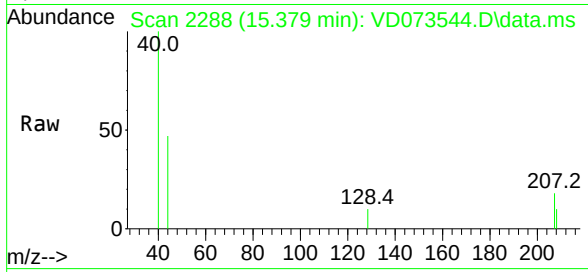
Tgt Ion: 75 Resp: 13490
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 4.267 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073544.D
Acq: 13 Jun 2022 14:14

Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

