

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073409.D
 Acq On : 27 May 2022 14:13
 Operator : VA/SY
 Sample : N3077-01
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:43:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

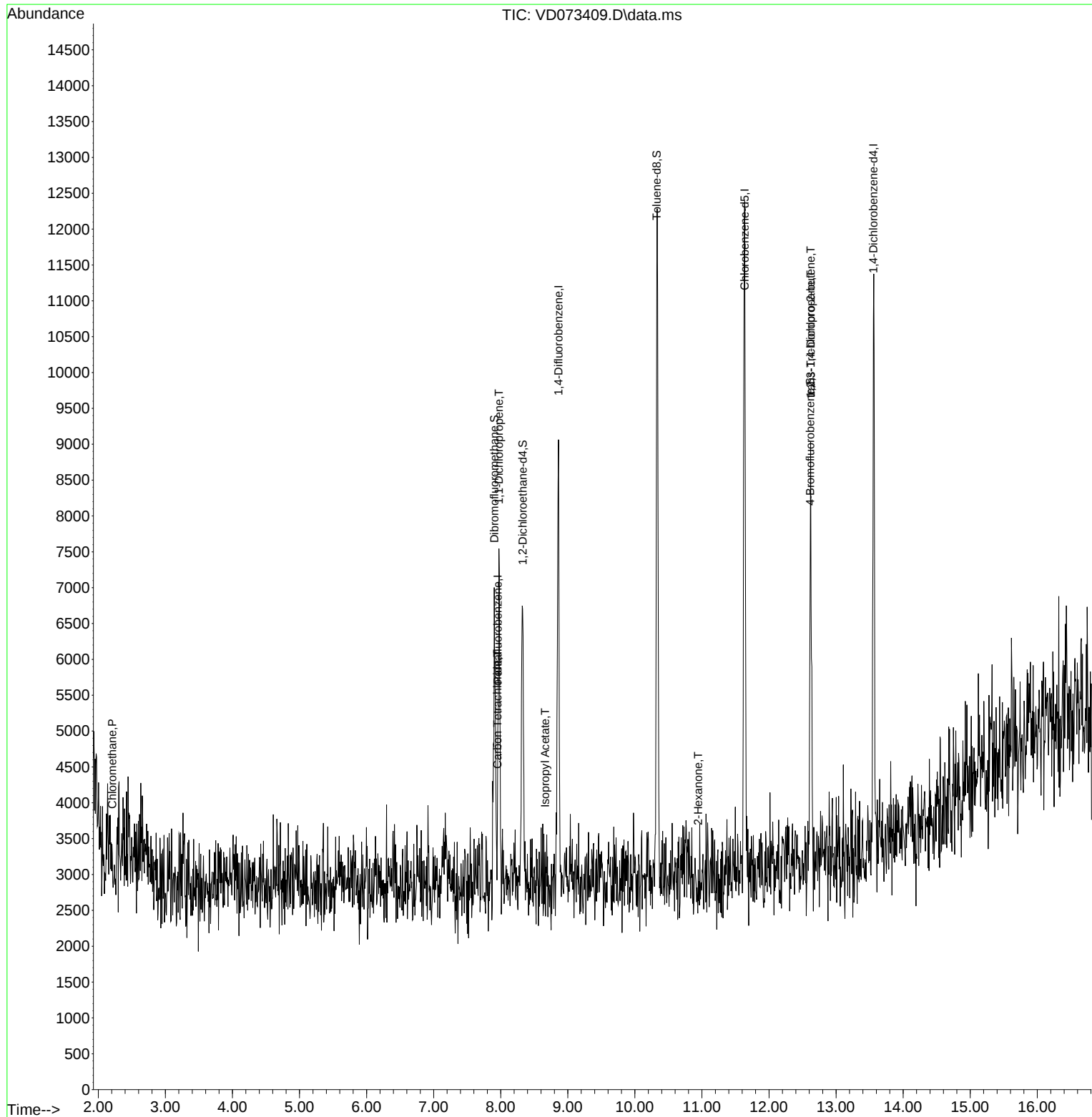
Internal Standards						
1) Pentafluorobenzene	7.956	168	3537	50.000	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.861	114	6079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	6526	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	2385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3512	89.847	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.700%#	
35) Dibromofluoromethane	7.903	113	3080	76.783	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 153.560%#	
50) Toluene-d8	10.326	98	7342	49.653	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.614	95	2167	41.759	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	108	2.702	ug/l #	40
5) Bromomethane	2.785	94	59	Below Cal		92
36) 1,1-Dichloropropene	7.973	75	217	3.597	ug/l #	43
38) Carbon Tetrachloride	7.950	117	70	1.145	ug/l #	13
43) Isopropyl Acetate	8.661	43	55	1.249	ug/l #	54
59) 2-Hexanone	10.944	43	60	3.978	ug/l #	27
76) 1,2,3-Trichloropropane	12.620	75	1371	58.587	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	1371	140.650	ug/l #	7

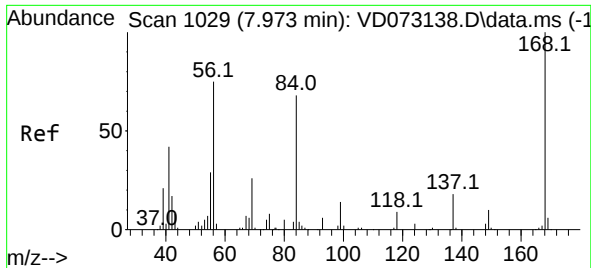
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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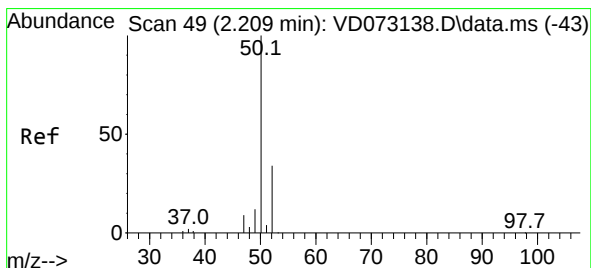
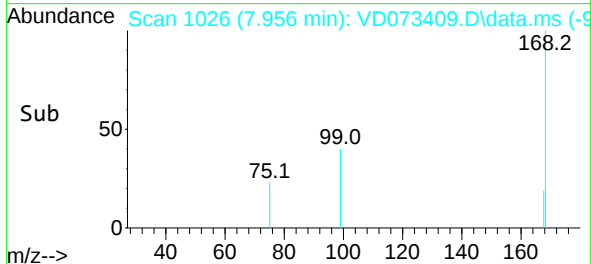
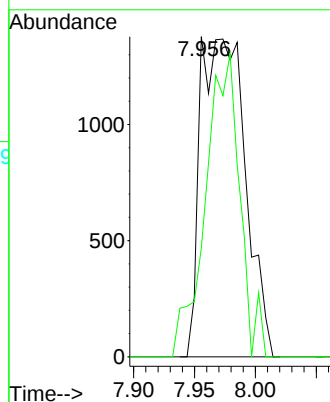
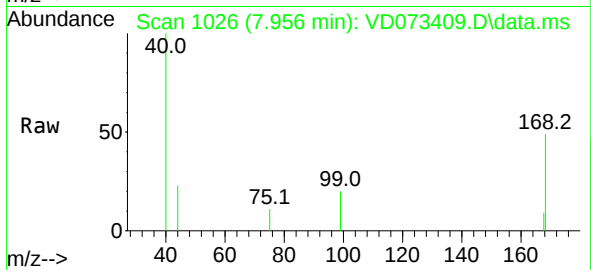




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.956 min Scan# 1026
Delta R.T. -0.017 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

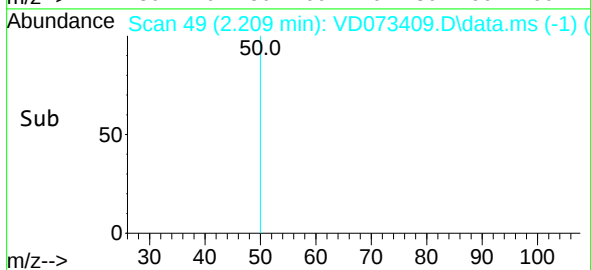
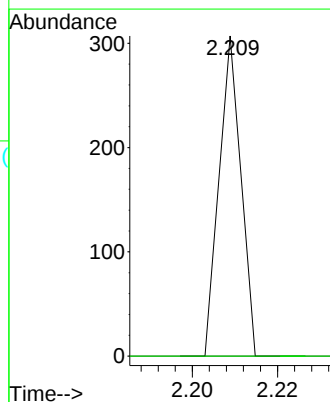
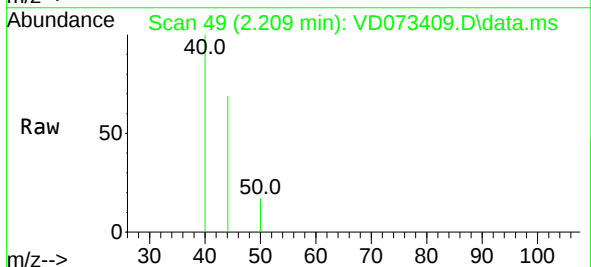
Instrument :
MSVOA_D
ClientSampleId :

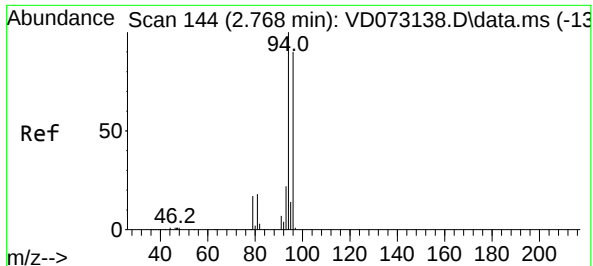
Tgt Ion:168 Resp: 3537
Ion Ratio Lower Upper
168 100
99 34.0 49.8 74.6#



#3
Chloromethane
Concen: 2.702 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

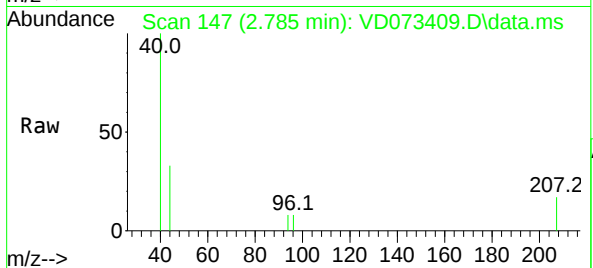
Tgt Ion: 50 Resp: 108
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#



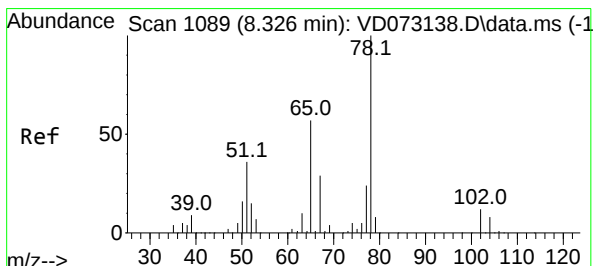
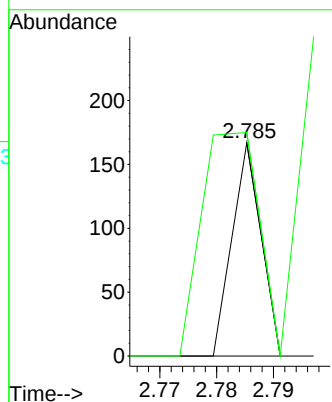
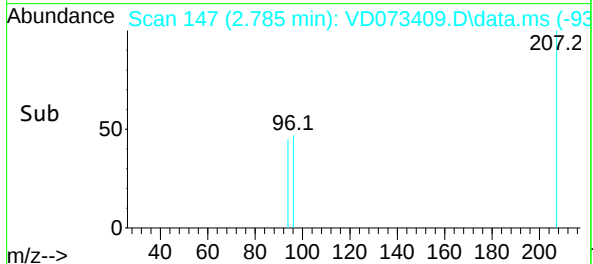


#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 144
Delta R.T. 0.017 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :

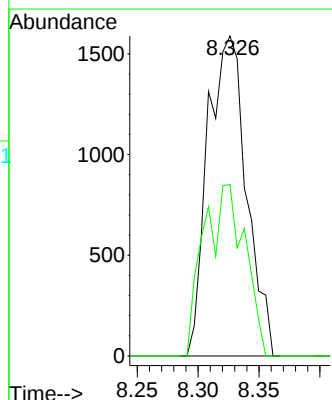
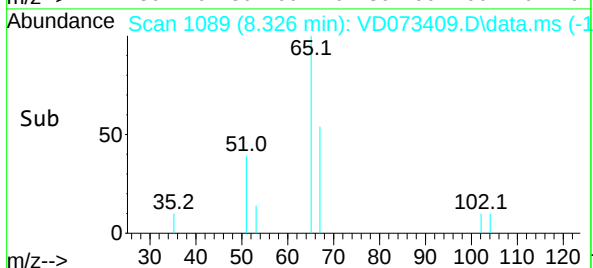
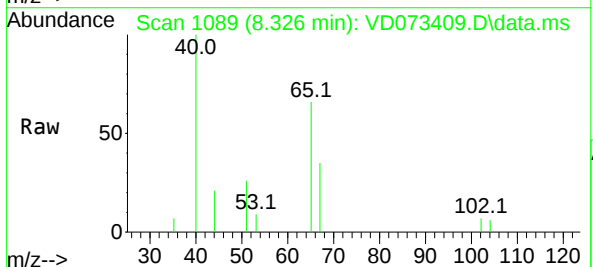


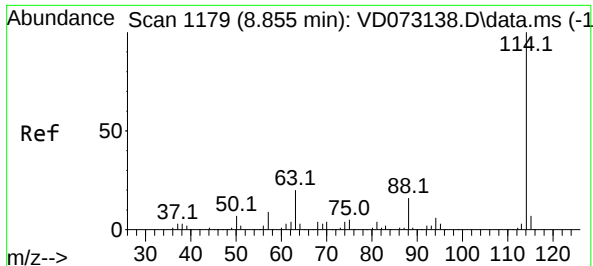
Tgt Ion: 94 Resp: 59
Ion Ratio Lower Upper
94 100
96 104.8 77.6 116.4



#33
1,2-Dichloroethane-d4
Concen: 89.847 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

Tgt Ion: 65 Resp: 3512
Ion Ratio Lower Upper
65 100
67 56.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073409.D

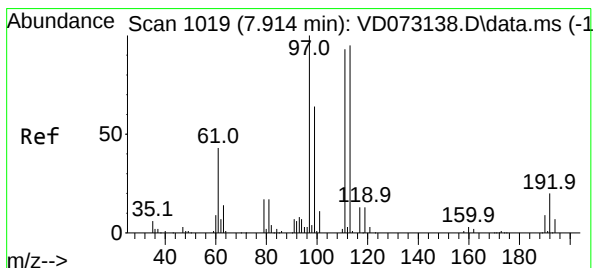
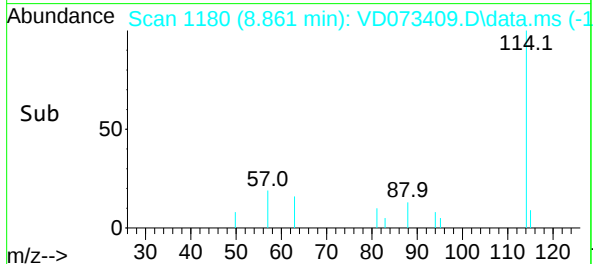
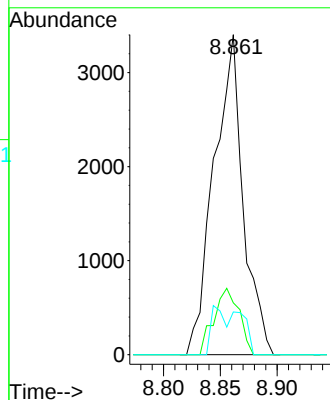
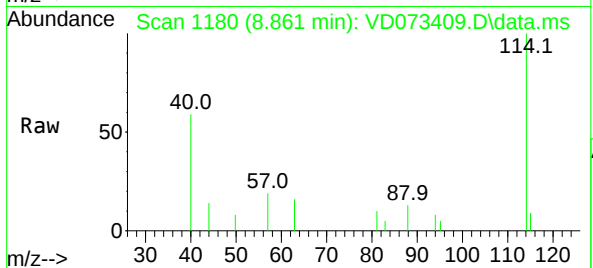
Acq: 27 May 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	6079
Ion Ratio	Lower	Upper
114	100	
63	16.2	0.0 46.6
88	13.3	0.0 33.2



#35

Dibromofluoromethane

Concen: 76.783 ug/l

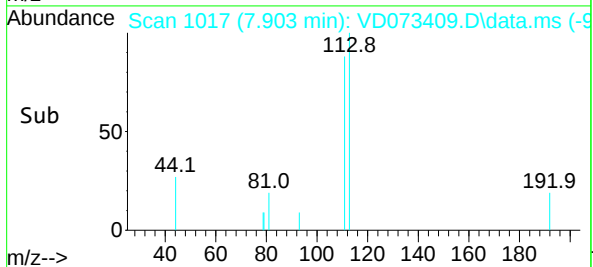
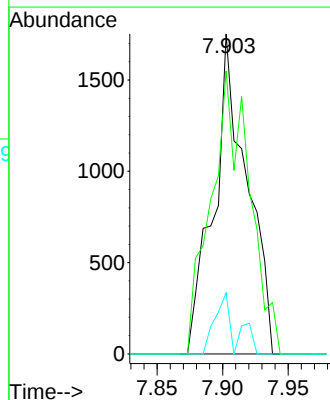
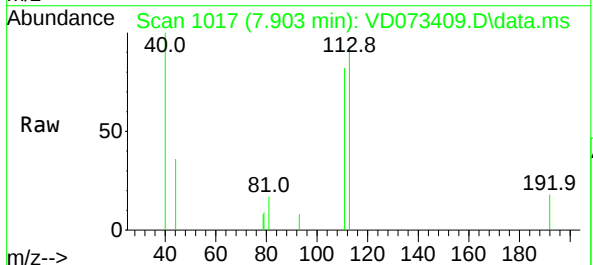
RT: 7.903 min Scan# 1017

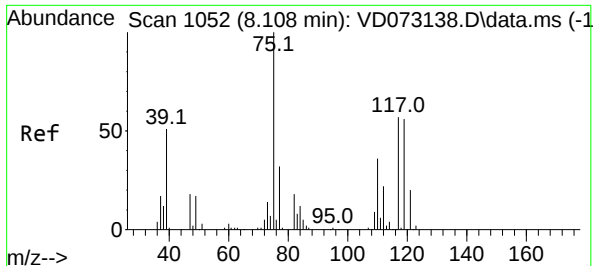
Delta R.T. -0.011 min

Lab File: VD073409.D

Acq: 27 May 2022 14:13

Tgt Ion:113	Resp:	3080
Ion Ratio	Lower	Upper
113	100	
111	103.1	83.8 125.6
192	11.9	14.6 21.8#





#36

1,1-Dichloropropene

Concen: 3.597 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

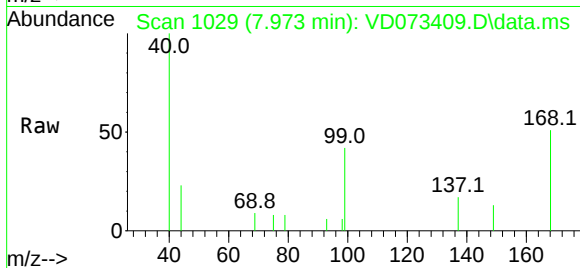
Lab File: VD073409.D

Acq: 27 May 2022 14:13

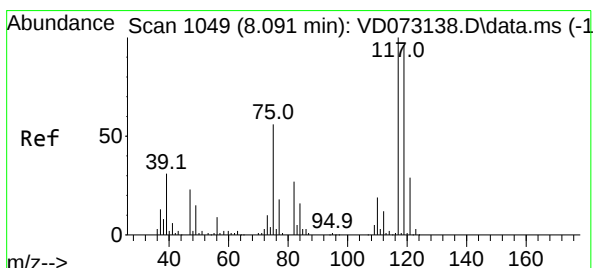
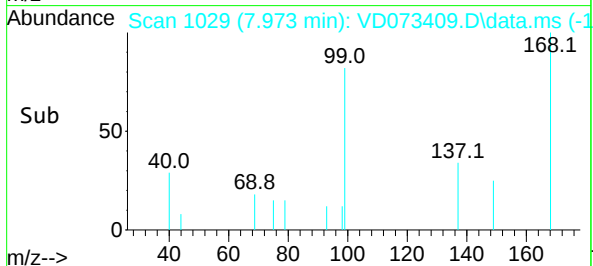
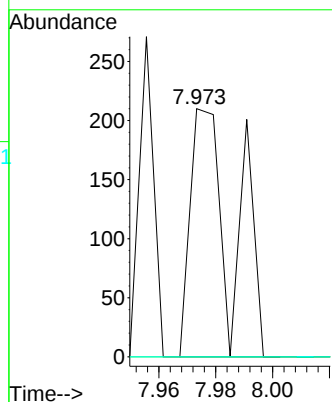
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	217
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 1.145 ug/l

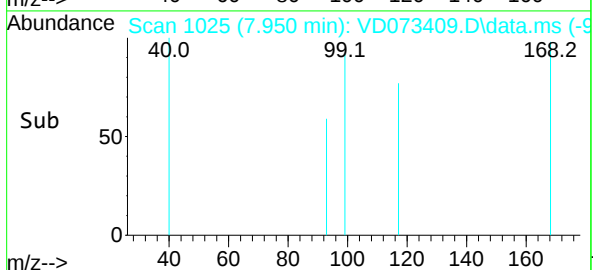
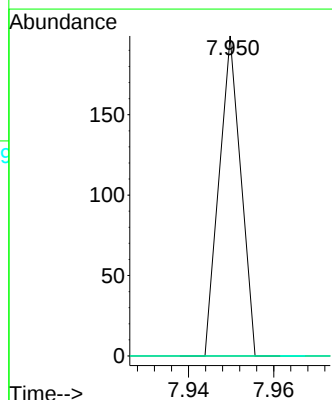
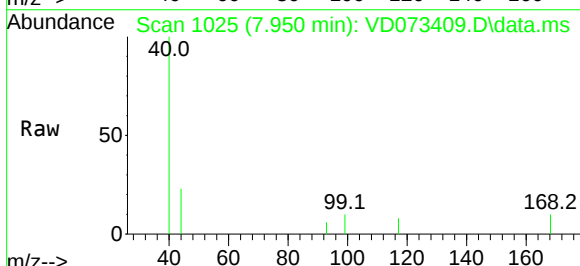
RT: 7.950 min Scan# 1025

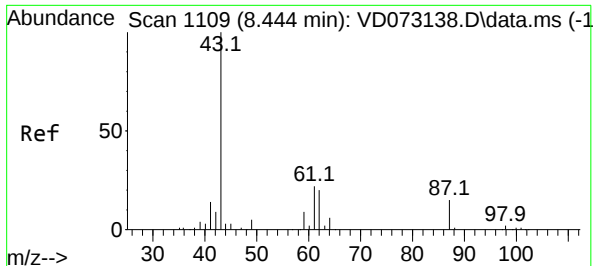
Delta R.T. -0.141 min

Lab File: VD073409.D

Acq: 27 May 2022 14:13

Tgt Ion:	117	Resp:	70
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.5	36.7#

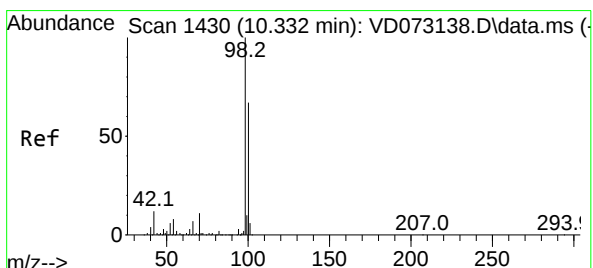
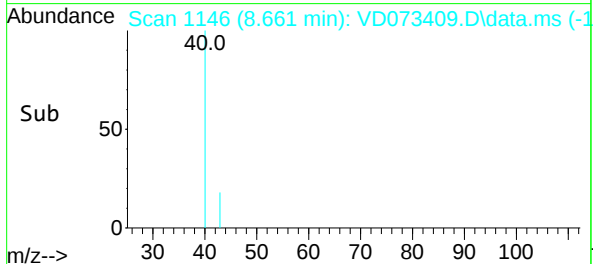
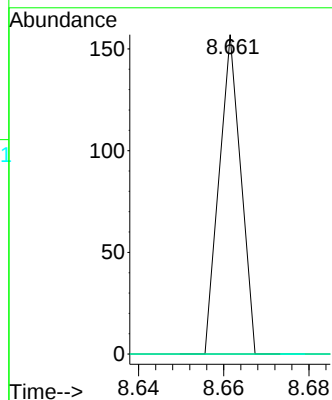
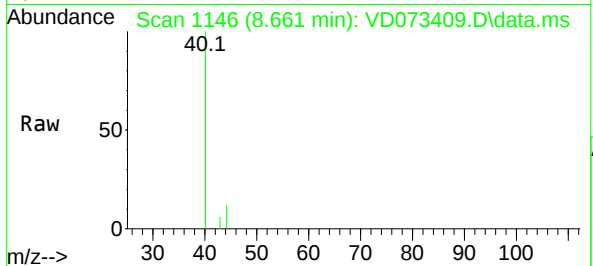




#43
Isopropyl Acetate
Concen: 1.249 ug/l
RT: 8.661 min Scan# 1109
Delta R.T. 0.217 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

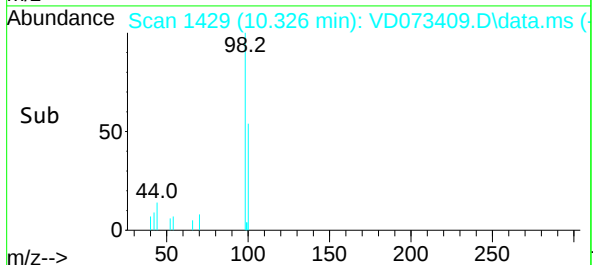
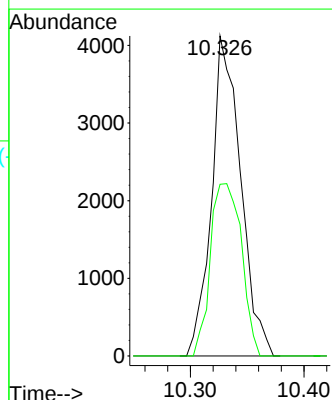
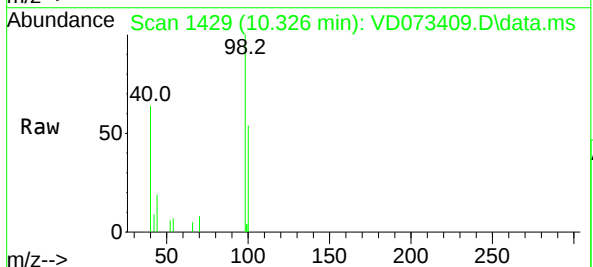
Instrument :
MSVOA_D
ClientSampleId :

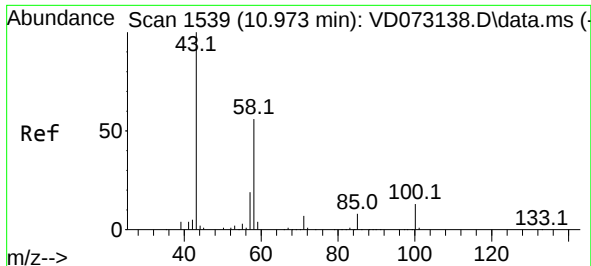
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 8.7 13.1#



#50
Toluene-d8
Concen: 49.653 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

Tgt Ion: 98 Resp: 7342
Ion Ratio Lower Upper
98 100
100 57.3 52.4 78.6

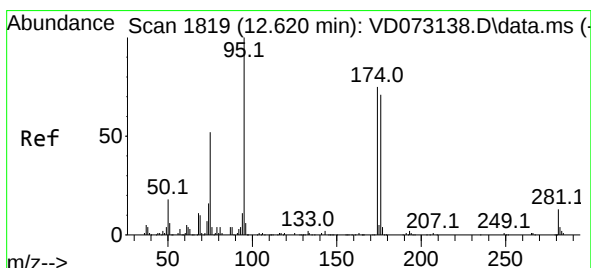
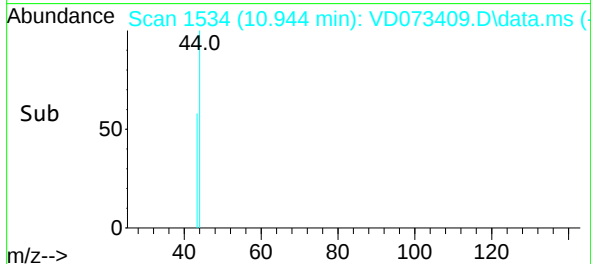
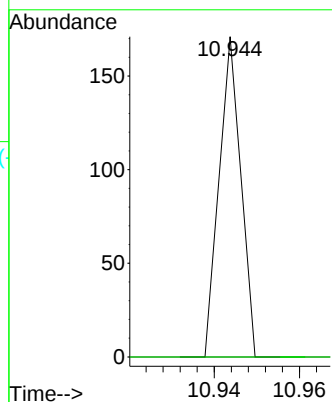
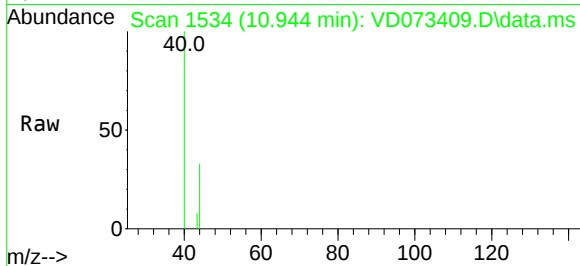




#59
2-Hexanone
Concen: 3.978 ug/l
RT: 10.944 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

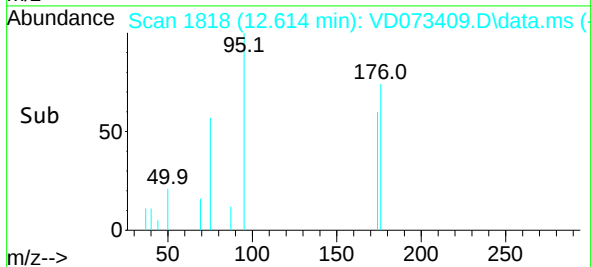
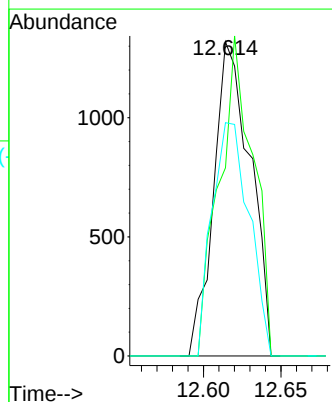
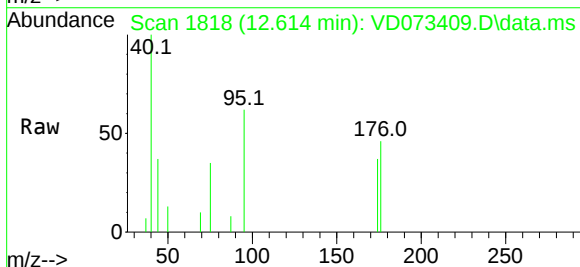
Instrument :
MSVOA_D
ClientSampleId :

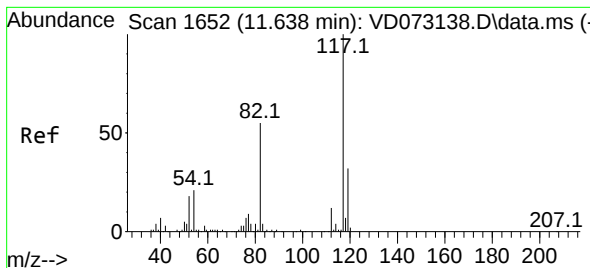
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 41.759 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

Tgt Ion: 95 Resp: 2167
Ion Ratio Lower Upper
95 100
174 94.4 0.0 152.8
176 75.1 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 11

Delta R.T. -0.000 min

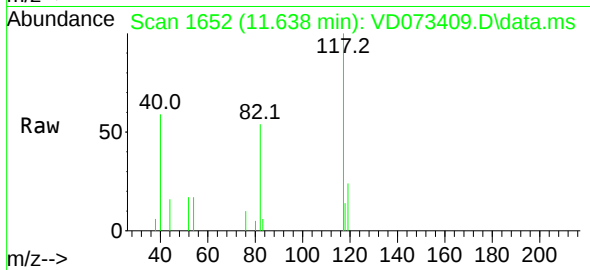
Lab File: VD073409.D

Acq: 27 May 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :



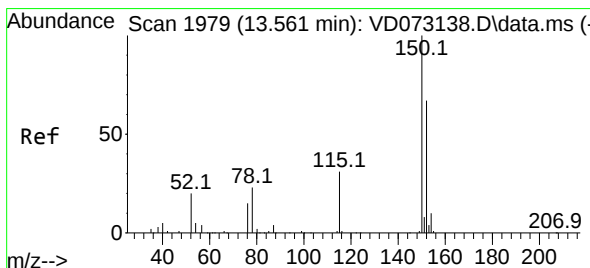
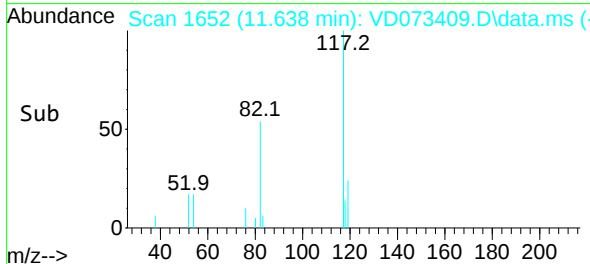
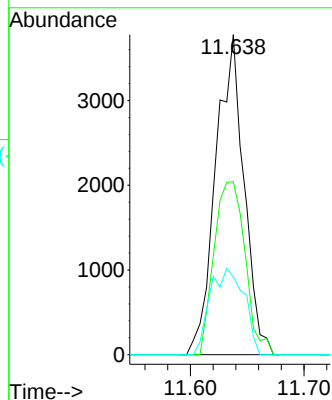
Tgt Ion:117 Resp: 6526

Ion Ratio Lower Upper

117 100

82 54.0 45.3 67.9

119 24.4 26.6 40.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VD073409.D

Acq: 27 May 2022 14:13

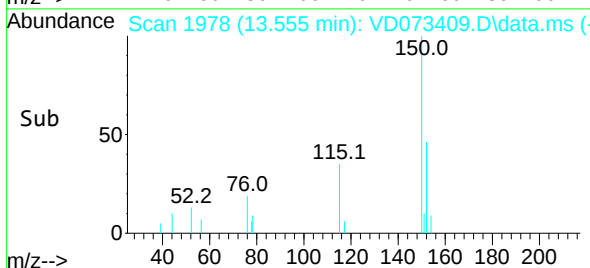
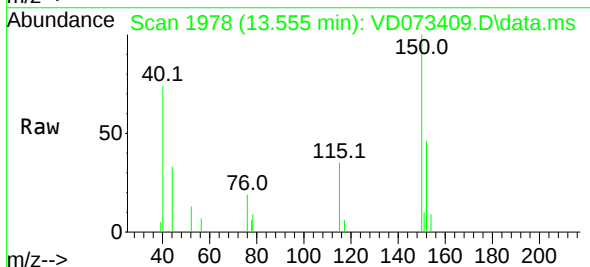
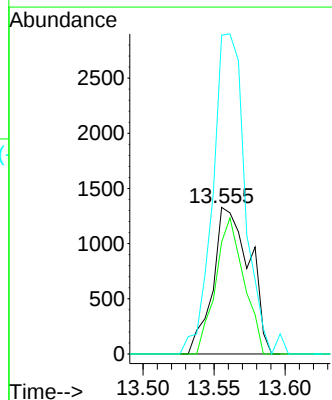
Tgt Ion:152 Resp: 2385

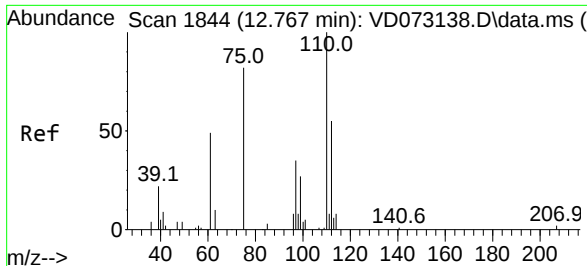
Ion Ratio Lower Upper

152 100

115 71.3 31.3 93.8

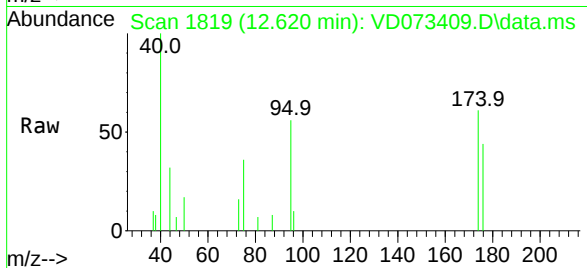
150 194.3 0.0 348.6



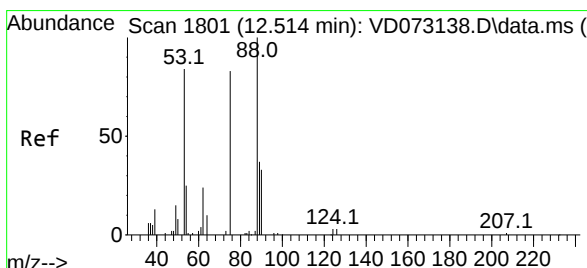
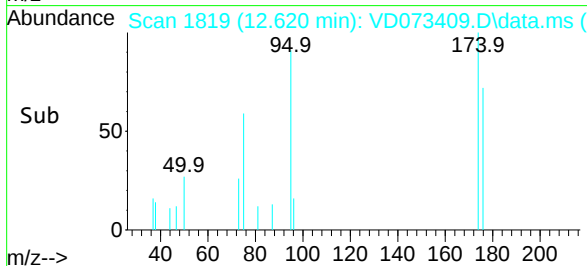
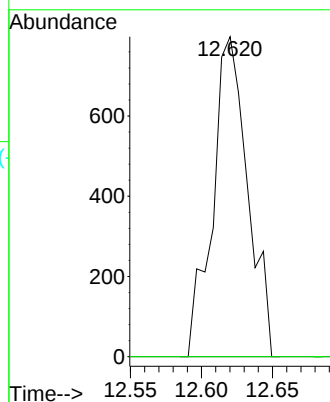


#76
1,2,3-Trichloropropane
Concen: 58.587 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 1371
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 140.650 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

Tgt Ion: 75 Resp: 1371
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

