

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073960.D
 Acq On : 04 Aug 2022 18:33
 Operator : VA/SY
 Sample : N3995-01
 Misc : 3.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 05 07:54:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

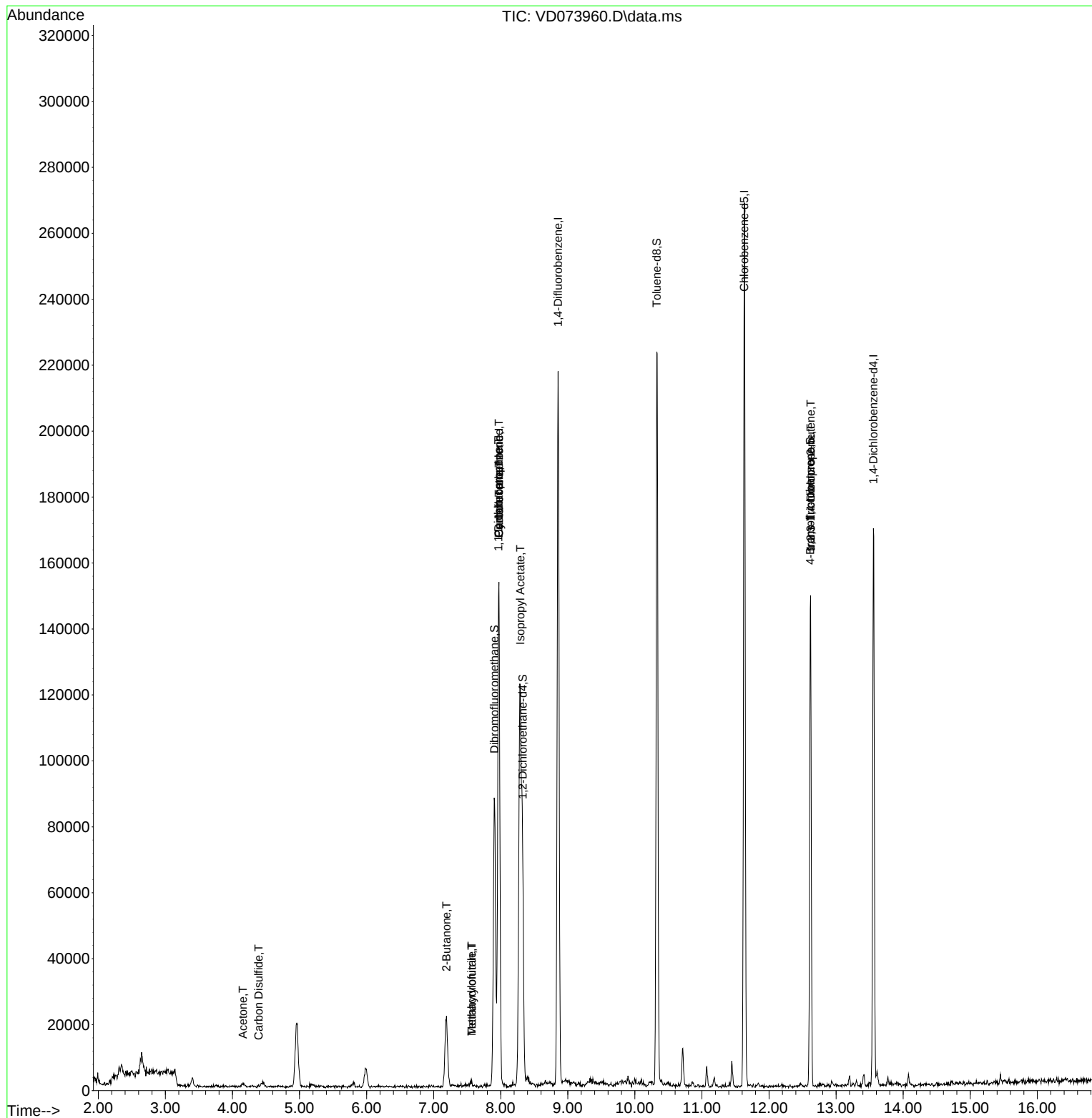
Internal Standards								
1) Pentafluorobenzene			7.973	168	107123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene			8.856	114	183675	50.000	ug/l	0.00
63) Chlorobenzene-d5			11.632	117	148672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			13.555	152	45090	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			8.326	65	55270	64.003	ug/l	0.00
Spiked Amount 50.000			Range	50 - 163	Recovery	= 128.000%		
35) Dibromofluoromethane			7.903	113	60711	53.199	ug/l	0.00
Spiked Amount 50.000			Range	54 - 147	Recovery	= 106.400%		
50) Toluene-d8			10.326	98	155027	40.328	ug/l	0.00
Spiked Amount 50.000			Range	49 - 140	Recovery	= 80.660%		
62) 4-Bromofluorobenzene			12.614	95	44184	31.255	ug/l	0.00
Spiked Amount 50.000			Range	25 - 144	Recovery	= 62.520%		
Target Compounds								Qvalue
11) Tert butyl alcohol			5.209	59	482	Below Cal	#	75
16) Acetone			4.156	43	2174	19.042	ug/l	90
17) Carbon Disulfide			4.391	76	120	1.808	ug/l #	75
18) Methyl Acetate			4.915	43	57	Below Cal	#	48
20) Methylene Chloride			4.956	84	14937	Below Cal		92
25) 2-Butanone			7.191	43	1561	5.971	ug/l #	46
29) Tetrahydrofuran			7.567	42	445	2.913	ug/l #	76
31) Cyclohexane			7.973	56	2591	1.562	ug/l #	38
36) 1,1-Dichloropropene			7.967	75	8983	5.527	ug/l #	49
38) Carbon Tetrachloride			7.973	117	12220	6.711	ug/l #	15
41) Methacrylonitrile			7.567	41	392	1.122	ug/l #	28
43) Isopropyl Acetate			8.291	43	3167	2.642	ug/l #	16
76) 1,2,3-Trichloropropane			12.620	75	24563	73.631	ug/l #	100
81) trans-1,4-Dichloro-2-b...			12.620	75	24563	156.288	ug/l #	13

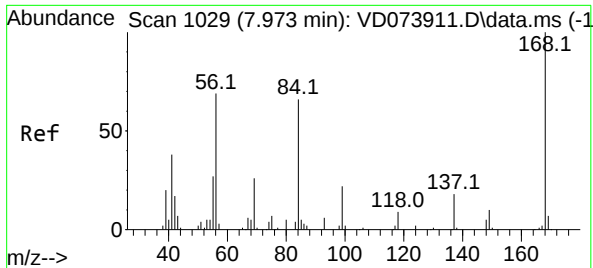
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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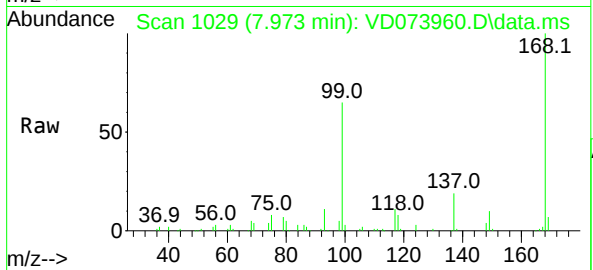
Quant Time: Aug 05 07:54:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
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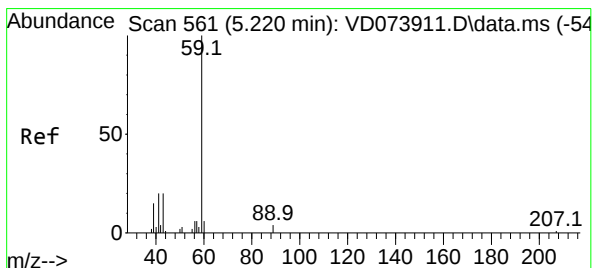
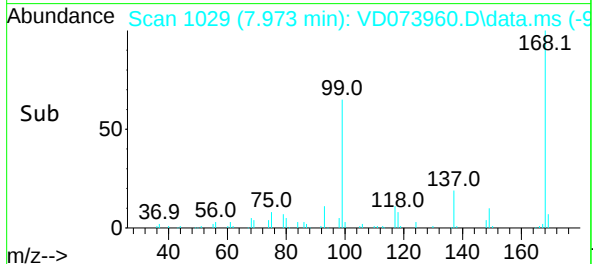
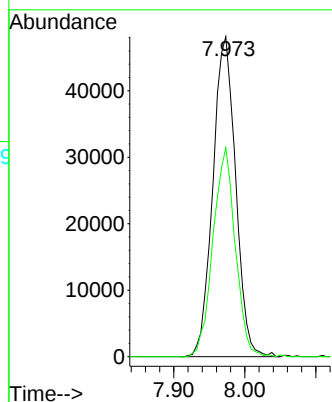


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073960.D
Acq: 04 Aug 2022 18:33

Instrument :
MSVOA_D
ClientSampleId :

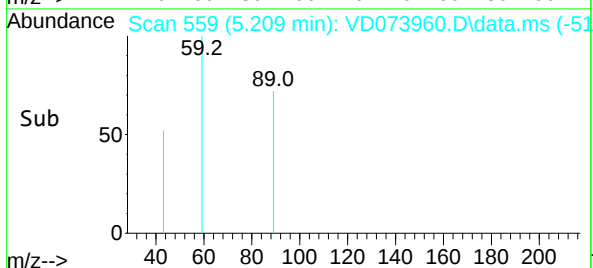
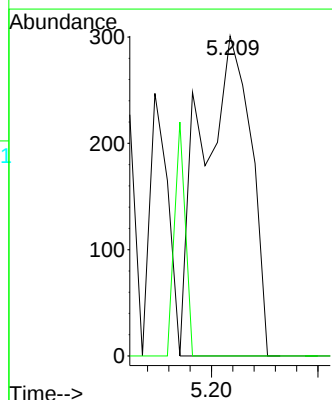
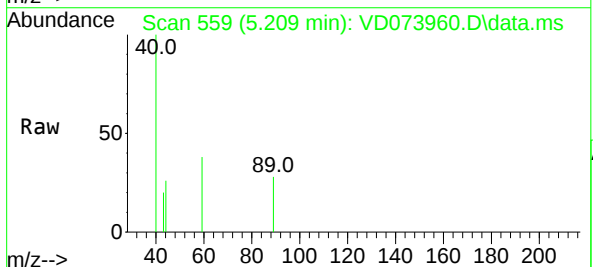


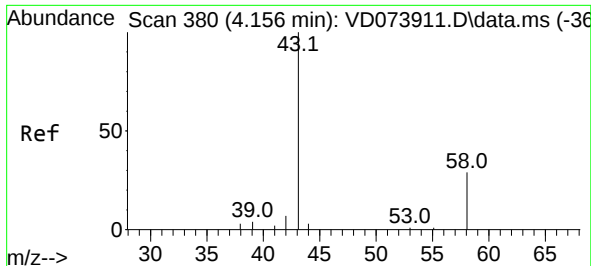
Tgt Ion:168 Resp: 107123
Ion Ratio Lower Upper
168 100
99 65.2 52.2 78.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD073960.D
Acq: 04 Aug 2022 18:33

Tgt Ion: 59 Resp: 482
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#16

Acetone

Concen: 19.042 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD073960.D

Acq: 04 Aug 2022 18:33

Instrument :

MSVOA_D

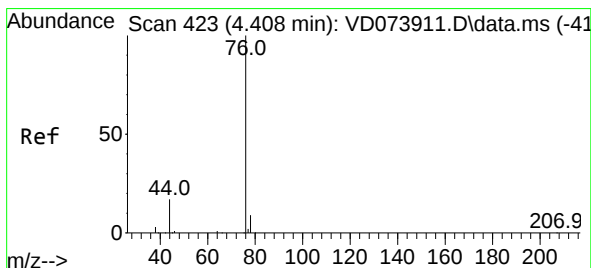
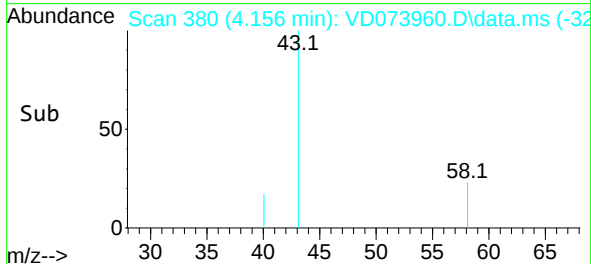
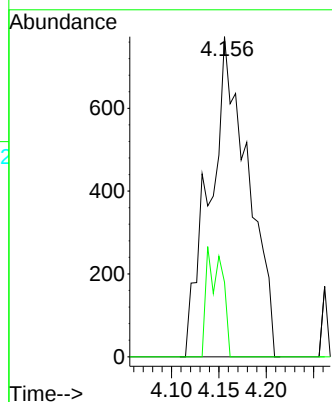
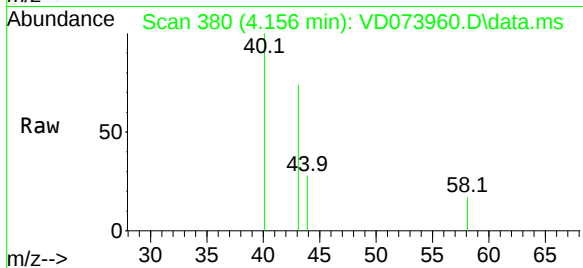
ClientSampleId :

Tgt Ion: 43 Resp: 2174

Ion Ratio Lower Upper

43 100

58 23.3 23.0 34.6



#17

Carbon Disulfide

Concen: 1.808 ug/l

RT: 4.391 min Scan# 420

Delta R.T. -0.017 min

Lab File: VD073960.D

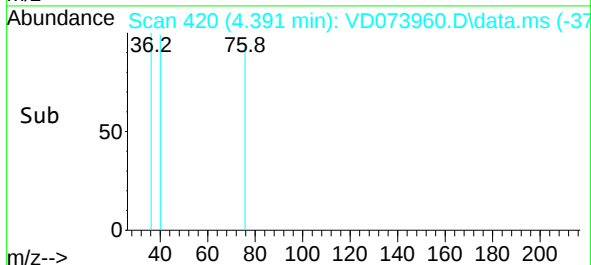
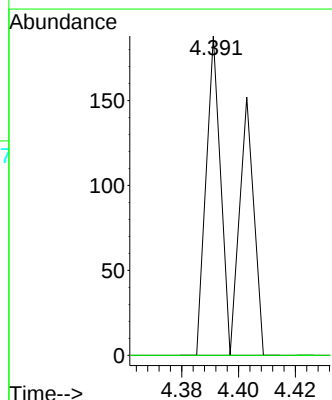
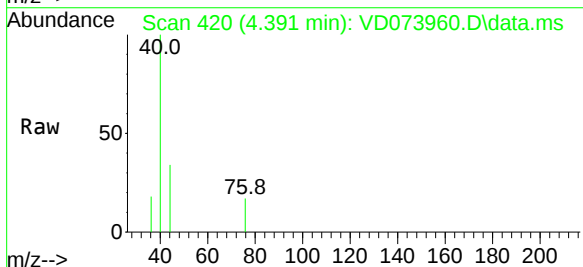
Acq: 04 Aug 2022 18:33

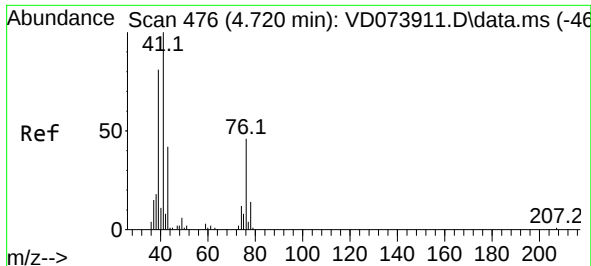
Tgt Ion: 76 Resp: 120

Ion Ratio Lower Upper

76 100

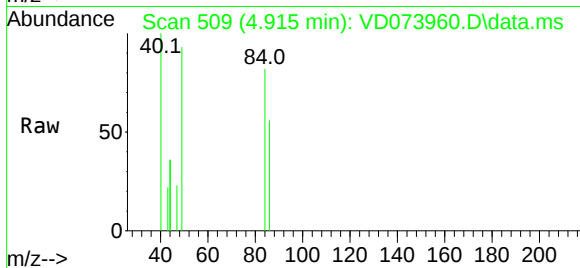
78 0.0 7.3 10.9#



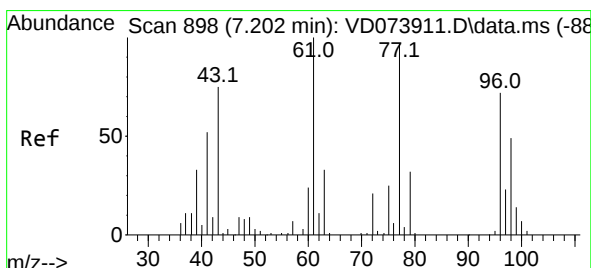
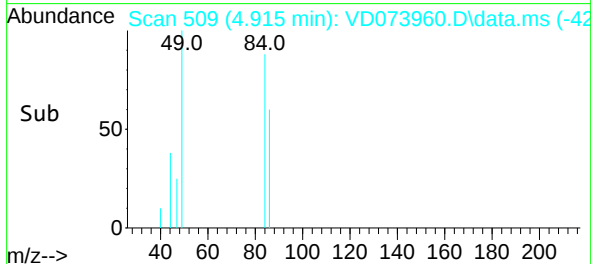
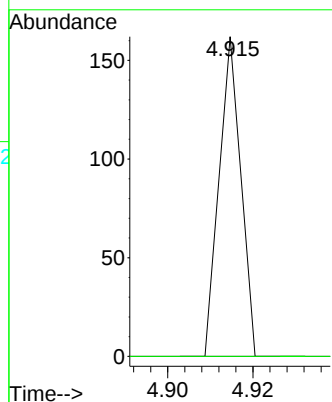


#18
Methyl Acetate
Concen: Below Cal
RT: 4.915 min Scan# 509
Delta R.T. 0.195 min
Lab File: VD073960.D
Acq: 04 Aug 2022 18:33

Instrument :
MSVOA_D
ClientSampleId :

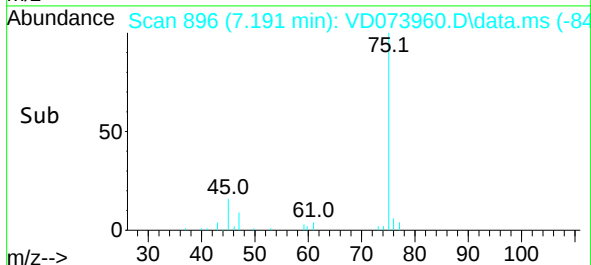
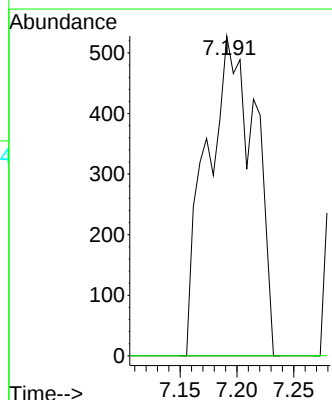
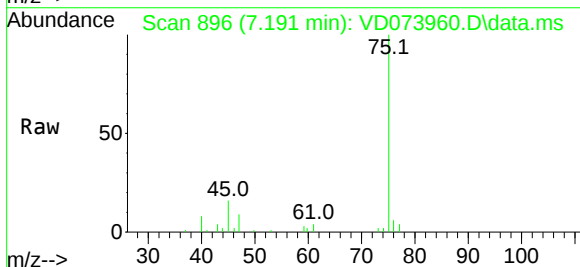


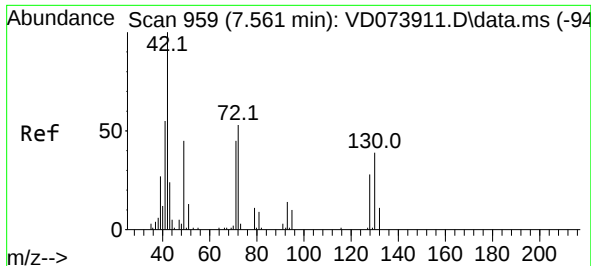
Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



#25
2-Butanone
Concen: 5.971 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.011 min
Lab File: VD073960.D
Acq: 04 Aug 2022 18:33

Tgt Ion: 43 Resp: 1561
Ion Ratio Lower Upper
43 100
72 0.0 22.7 34.1#





#29

Tetrahydrofuran

Concen: 2.913 ug/l

RT: 7.567 min Scan# 91

Delta R.T. 0.006 min

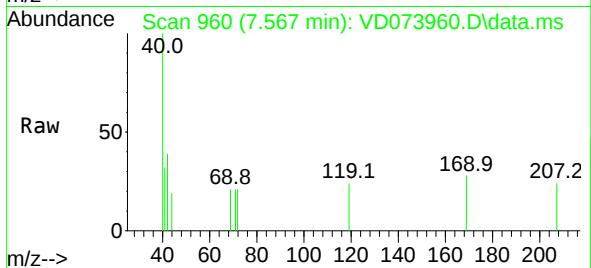
Lab File: VD073960.D

Acq: 04 Aug 2022 18:33

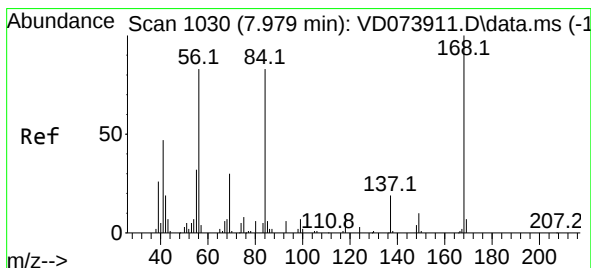
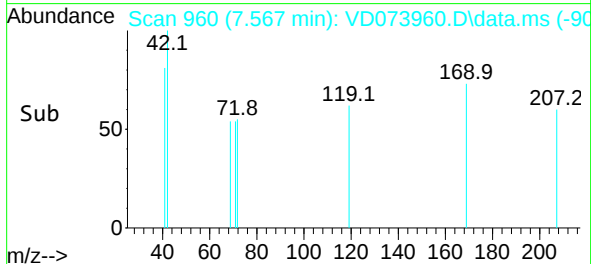
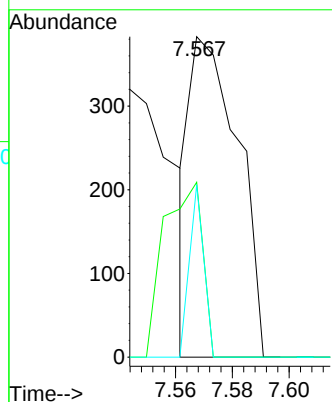
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	445
Ion Ratio	Lower	Upper	
42	100		
72	44.0	39.0	58.4
71	16.4	35.7	53.5#



#31

Cyclohexane

Concen: 1.562 ug/l

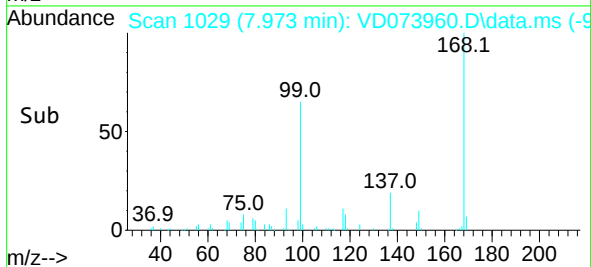
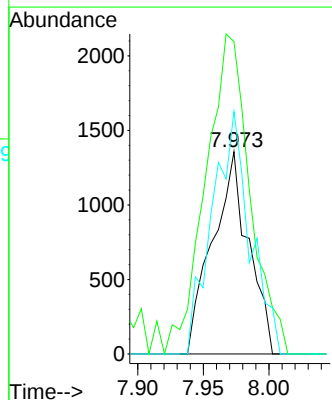
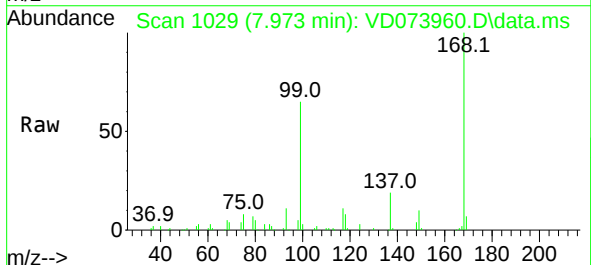
RT: 7.973 min Scan# 1029

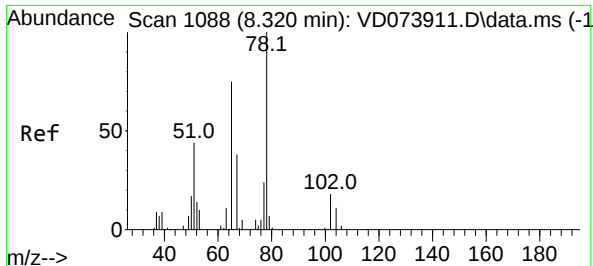
Delta R.T. -0.006 min

Lab File: VD073960.D

Acq: 04 Aug 2022 18:33

Tgt Ion:	56	Resp:	2591
Ion Ratio	Lower	Upper	
56	100		
69	142.3	29.2	43.8#
84	119.8	80.0	120.0





#33

1,2-Dichloroethane-d4

Concen: 64.003 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073960.D

Acq: 04 Aug 2022 18:33

Instrument :

MSVOA_D

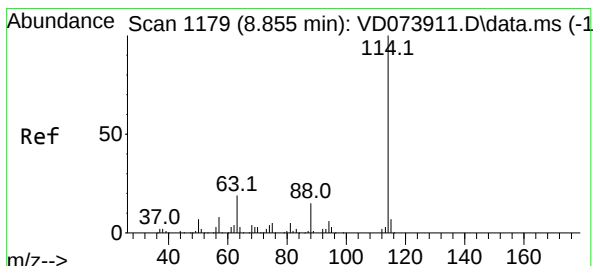
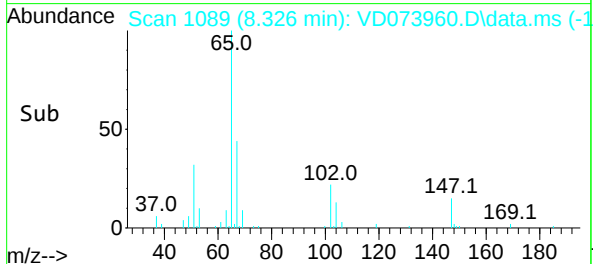
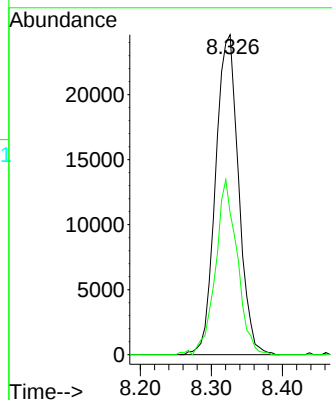
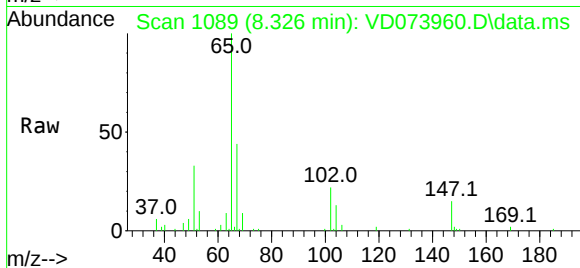
ClientSampleId :

Tgt Ion: 65 Resp: 55270

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073960.D

Acq: 04 Aug 2022 18:33

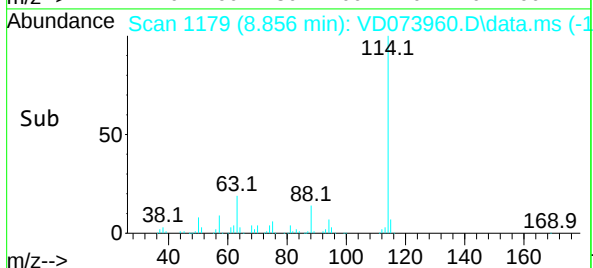
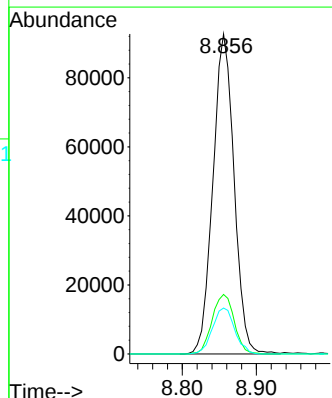
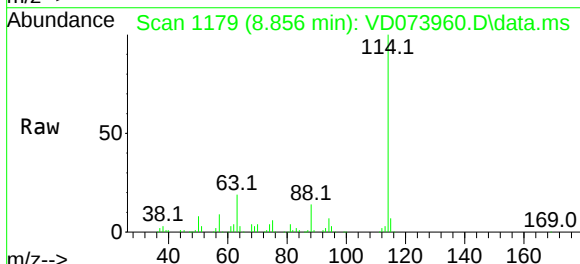
Tgt Ion: 114 Resp: 183675

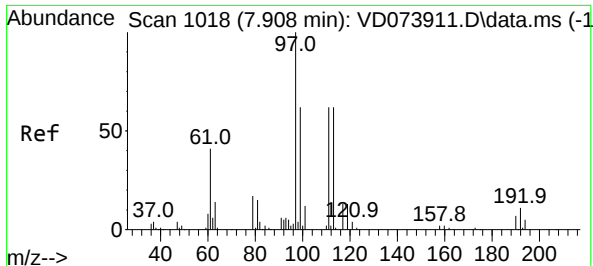
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.6

88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.199 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073960.D

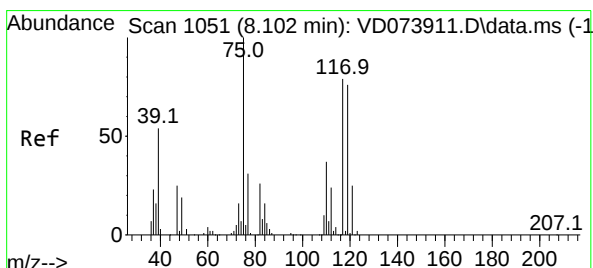
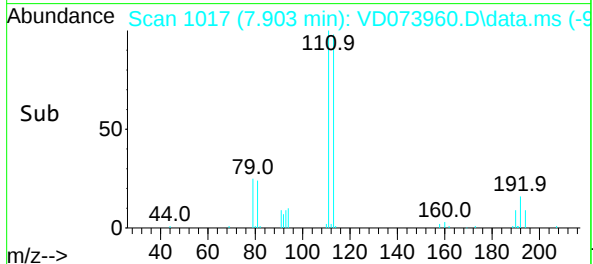
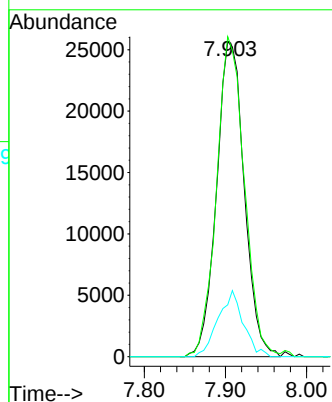
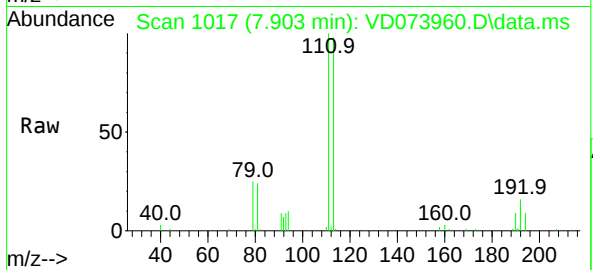
Acq: 04 Aug 2022 18:33

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:113	Resp:	60711
Ion Ratio	Lower	Upper
113	100	
111	102.1	83.7 125.5
192	19.2	15.0 22.6



#36

1,1-Dichloropropene

Concen: 5.527 ug/l

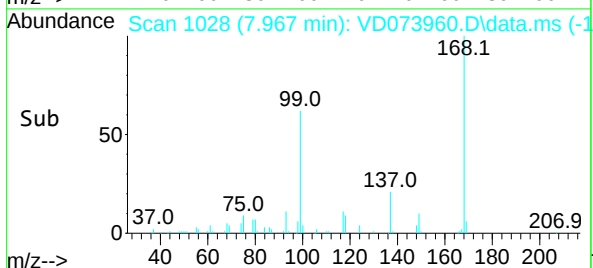
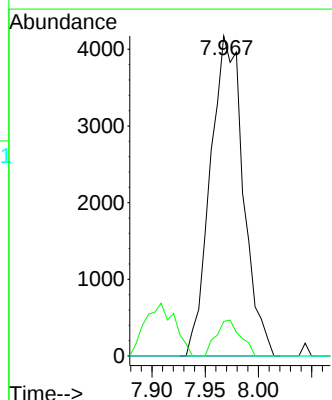
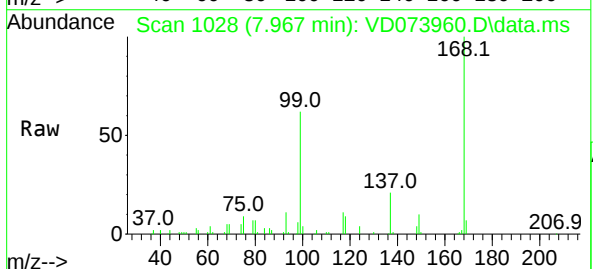
RT: 7.967 min Scan# 1028

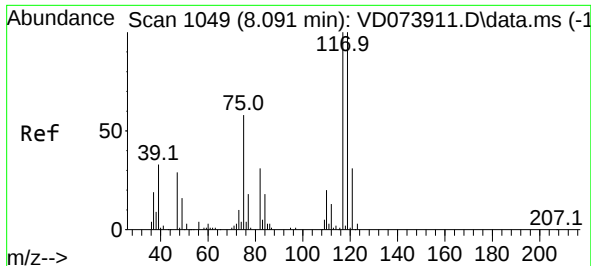
Delta R.T. -0.135 min

Lab File: VD073960.D

Acq: 04 Aug 2022 18:33

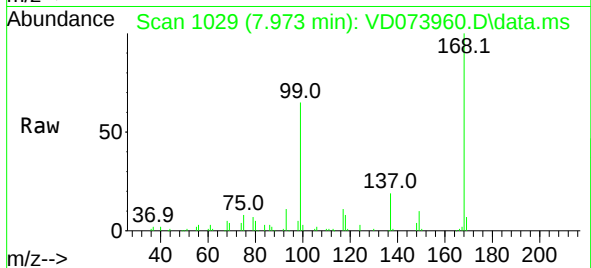
Tgt Ion: 75	Resp:	8983
Ion Ratio	Lower	Upper
75	100	
110	8.3	18.1 54.1#
77	0.0	24.7 37.1#



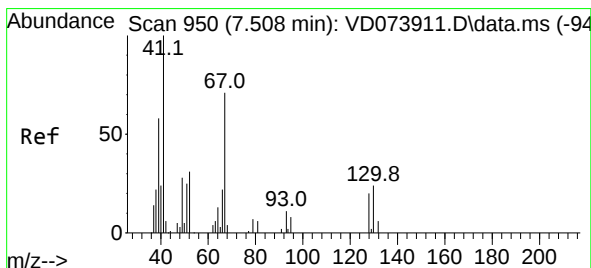
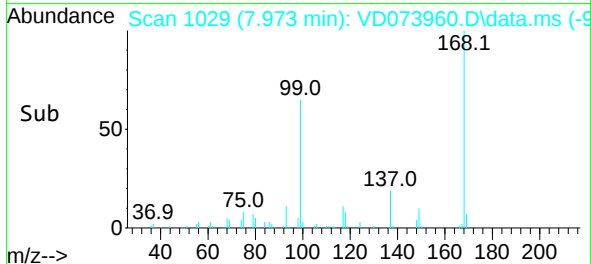
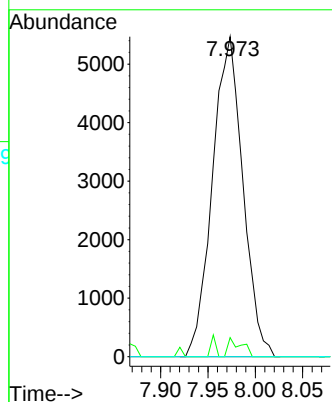


#38
Carbon Tetrachloride
Concen: 6.711 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.117 min
Lab File: VD073960.D
Acq: 04 Aug 2022 18:33

Instrument :
MSVOA_D
ClientSampleId :

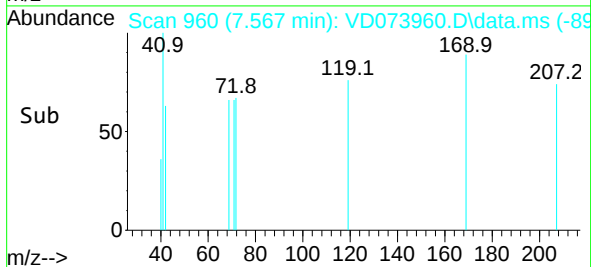
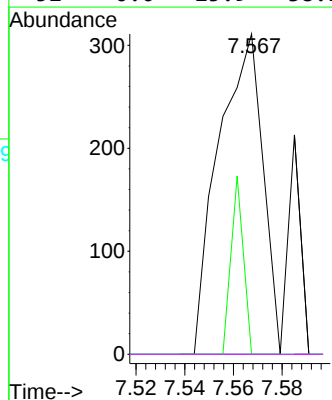
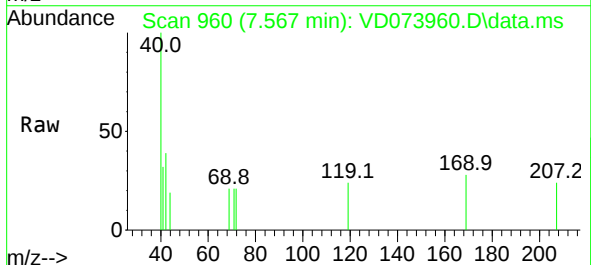


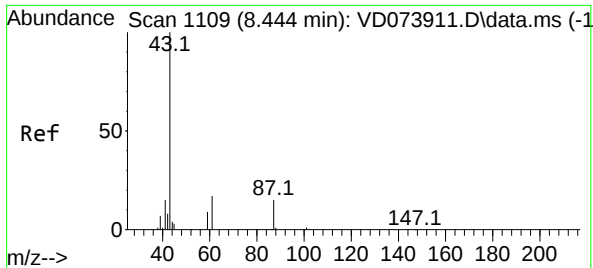
Tgt Ion: 117 Resp: 12220
Ion Ratio Lower Upper
117 100
119 6.0 79.6 119.4#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 1.122 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.059 min
Lab File: VD073960.D
Acq: 04 Aug 2022 18:33

Tgt Ion: 41 Resp: 392
Ion Ratio Lower Upper
41 100
39 15.6 46.6 69.8#
67 0.0 61.0 91.4#
52 0.0 25.9 38.9#

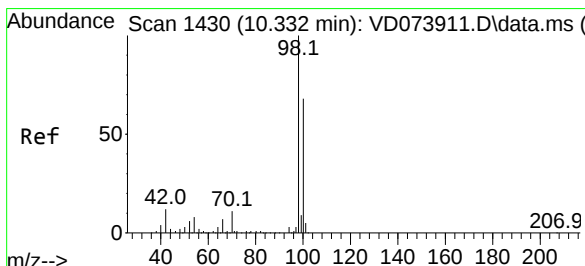
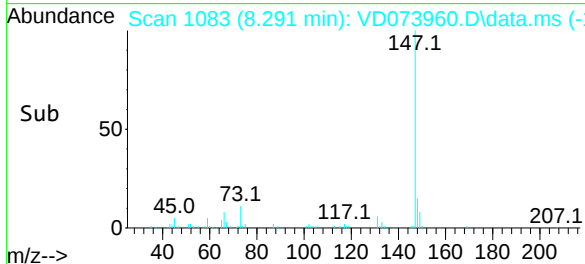
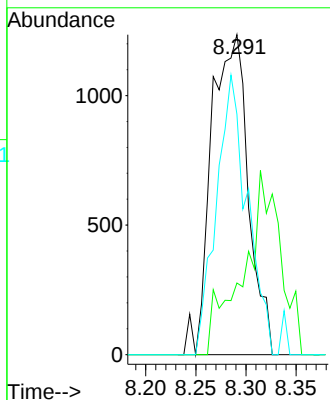
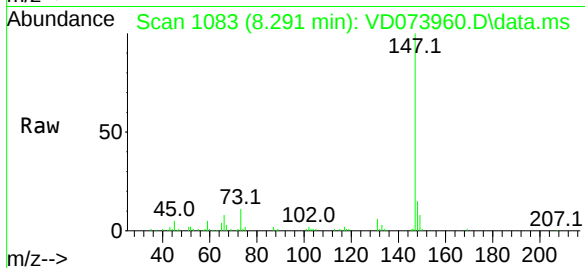




#43
Isopropyl Acetate
Concen: 2.642 ug/l
RT: 8.291 min Scan# 1083
Delta R.T. -0.153 min
Lab File: VD073960.D
Acq: 04 Aug 2022 18:33

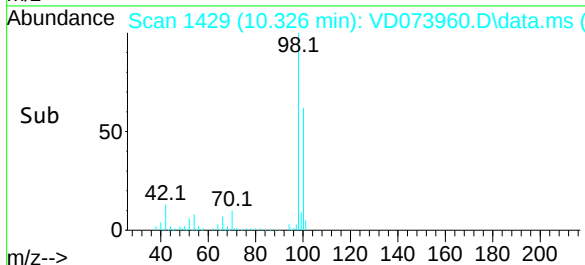
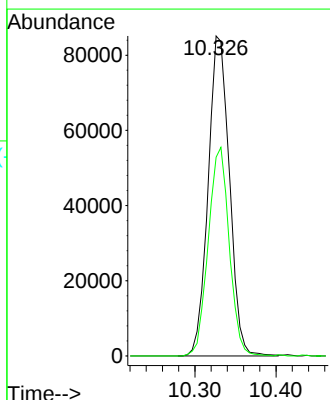
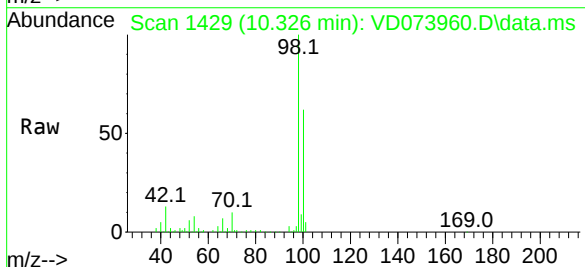
Instrument :
MSVOA_D
ClientSampleId :

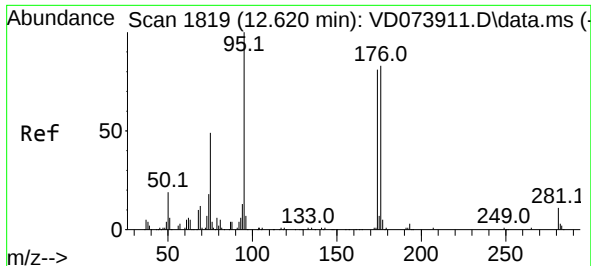
Tgt Ion: 43 Resp: 3167
Ion Ratio Lower Upper
43 100
61 0.0 24.6 37.0#
87 73.2 12.2 18.2#



#50
Toluene-d8
Concen: 40.328 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD073960.D
Acq: 04 Aug 2022 18:33

Tgt Ion: 98 Resp: 155027
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

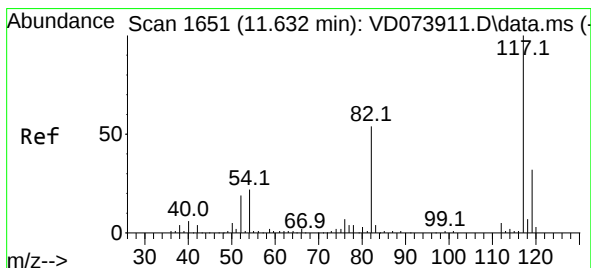
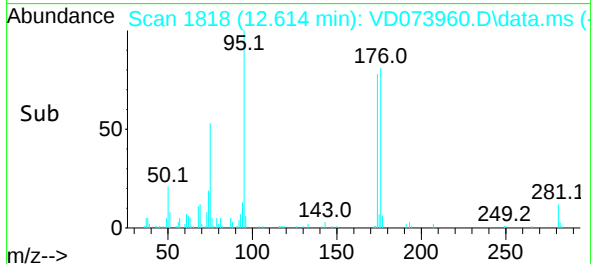
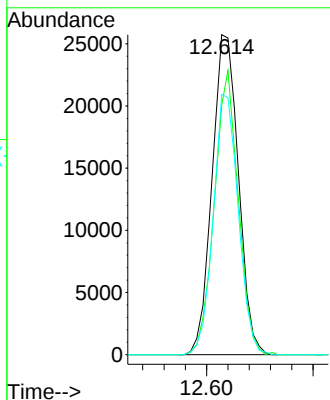
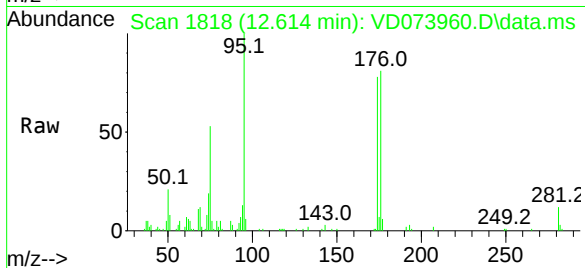




#62
4-Bromofluorobenzene
Concen: 31.255 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073960.D
Acq: 04 Aug 2022 18:33

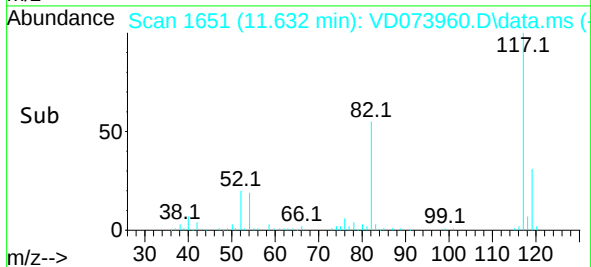
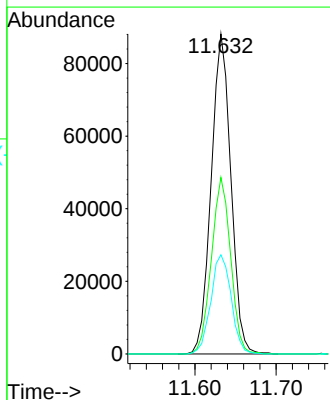
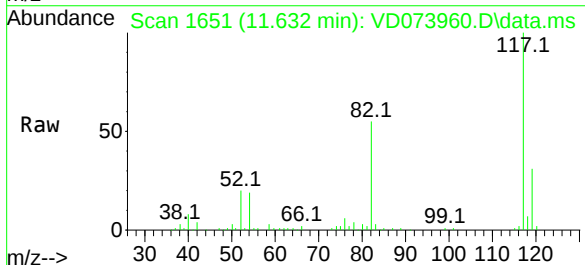
Instrument :
MSVOA_D
ClientSampleId :

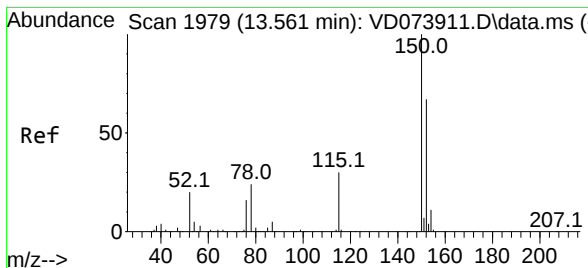
Tgt Ion: 95 Resp: 44184
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.2
176 77.4 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073960.D
Acq: 04 Aug 2022 18:33

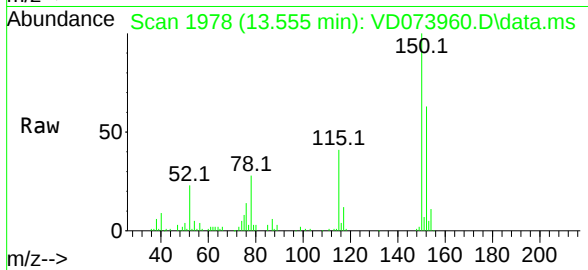
Tgt Ion: 117 Resp: 148672
Ion Ratio Lower Upper
117 100
82 55.1 43.3 64.9
119 31.0 25.8 38.8



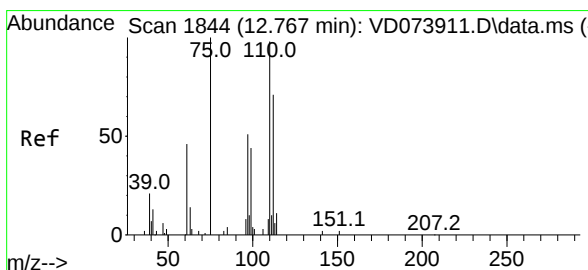
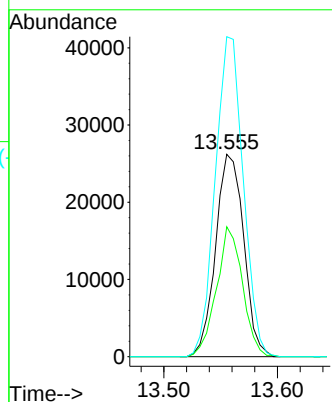
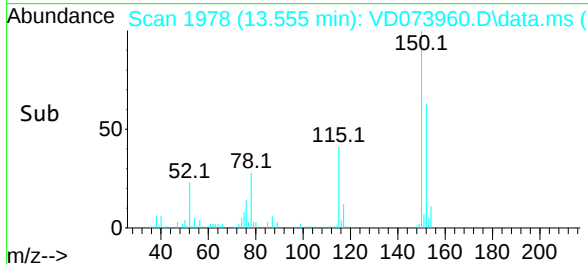


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: VD073960.D
 Acq: 04 Aug 2022 18:33

Instrument :
 MSVOA_D
 ClientSampleId :

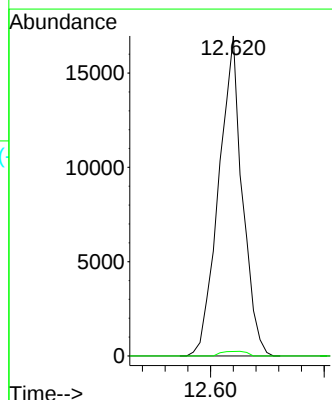
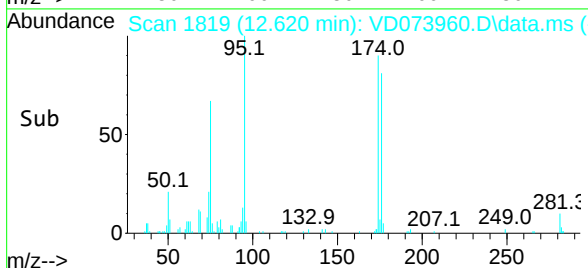
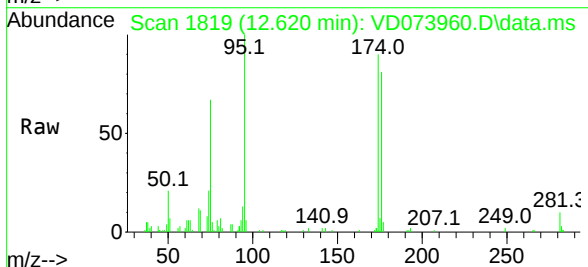


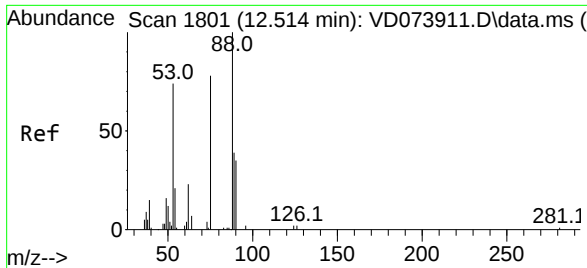
Tgt Ion:152 Resp: 45090
 Ion Ratio Lower Upper
 152 100
 115 59.5 29.1 87.3
 150 157.5 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 73.631 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073960.D
 Acq: 04 Aug 2022 18:33

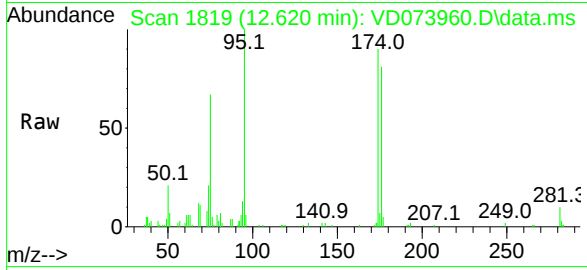
Tgt Ion: 75 Resp: 24563
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.288 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073960.D
 Acq: 04 Aug 2022 18:33

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.6	107.4#
89	0.0	39.8	59.6#

