

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073351.D
 Acq On : 25 May 2022 05:13
 Operator : VA/SY
 Sample : N2886-07
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P020-SS001-2430-01

Quant Time: May 25 06:44:46 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)

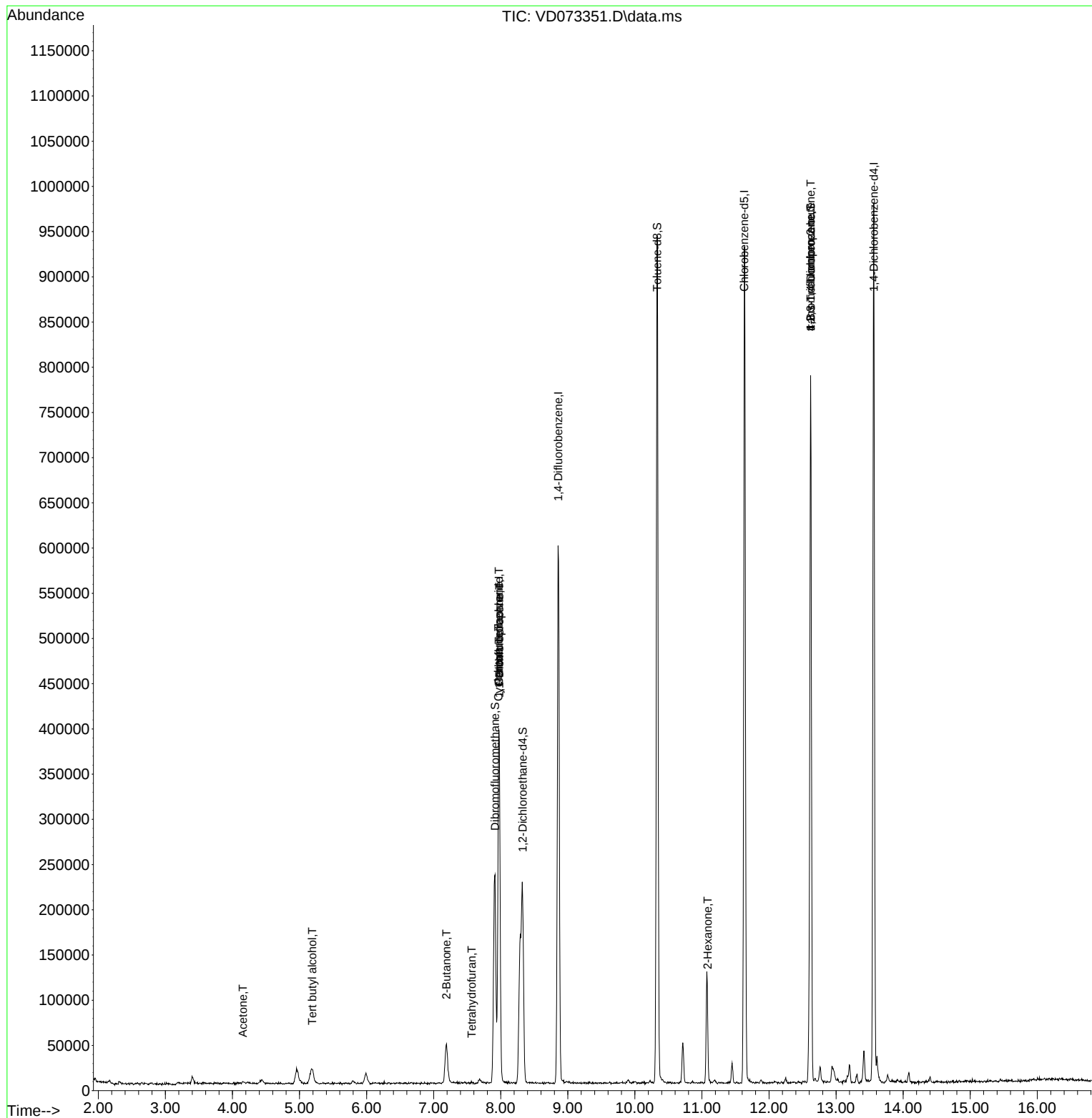
Internal Standards						
1) Pentafluorobenzene	7.973	168	290996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	513269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	550636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157178	48.875	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.740%			
35) Dibromofluoromethane	7.914	113	174639	51.563	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.120%			
50) Toluene-d8	10.332	98	636009	50.942	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.880%			
62) 4-Bromofluorobenzene	12.620	95	247117	56.400	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.800%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	869	Below Cal	#	68
11) Tert butyl alcohol	5.191	59	16047	32.162	ug/l #	75
16) Acetone	4.156	43	3613	6.486	ug/l	98
20) Methylene Chloride	4.967	84	12366	Below Cal	#	73
25) 2-Butanone	7.191	43	2342	2.874	ug/l #	52
29) Tetrahydrofuran	7.567	42	577	1.095	ug/l #	38
31) Cyclohexane	7.967	56	6613	1.177	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	24291	4.769	ug/l #	51
38) Carbon Tetrachloride	7.973	117	30647	5.935	ug/l #	16
59) 2-Hexanone	11.085	43	1367	1.073	ug/l #	36
76) 1,2,3-Trichloropropane	12.620	75	123820	48.534	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	123820	116.515	ug/l #	7

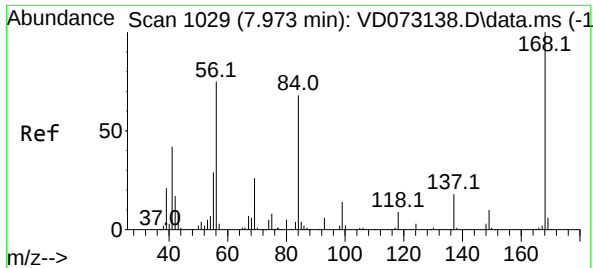
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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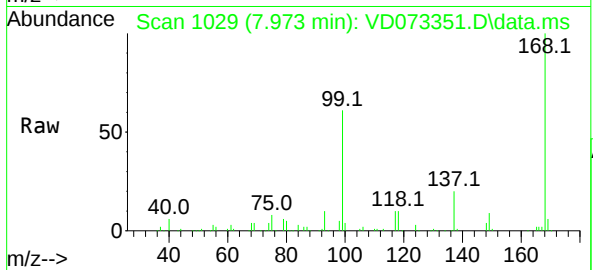
Quant Time: May 25 06:44:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
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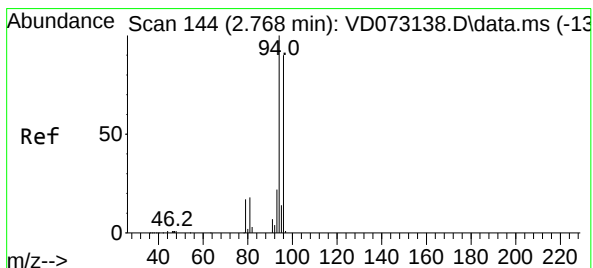
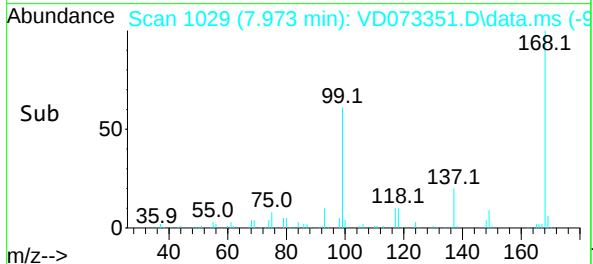
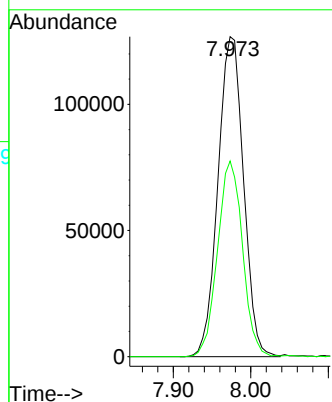


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073351.D
Acq: 25 May 2022 05:13

Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-2430-01

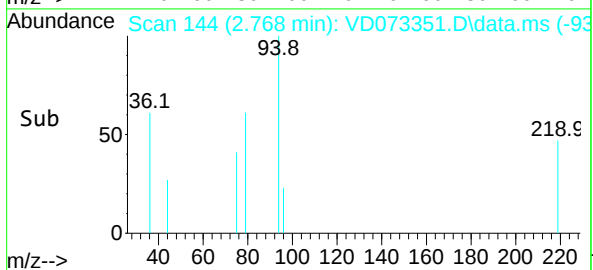
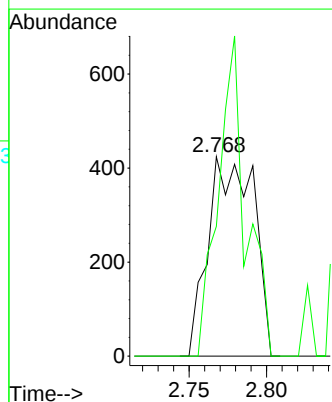
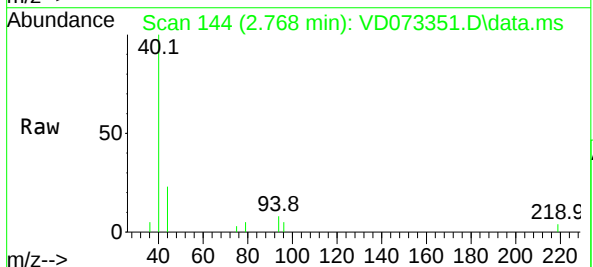


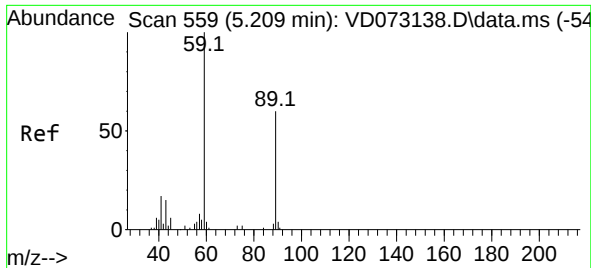
Tgt Ion:168 Resp: 290996
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD073351.D
Acq: 25 May 2022 05:13

Tgt Ion: 94 Resp: 869
Ion Ratio Lower Upper
94 100
96 65.1 77.6 116.4#

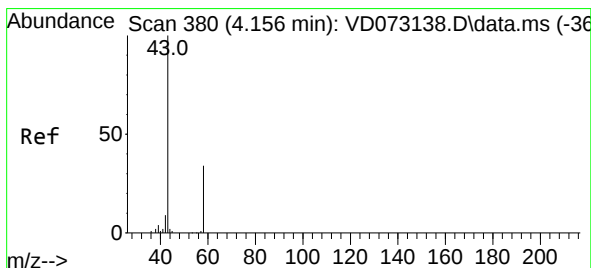
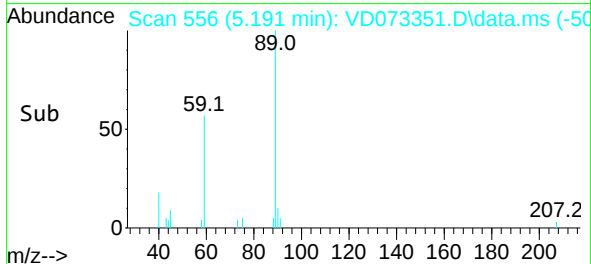
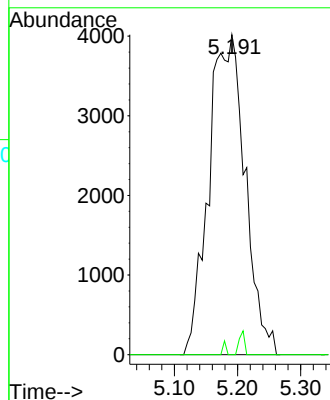
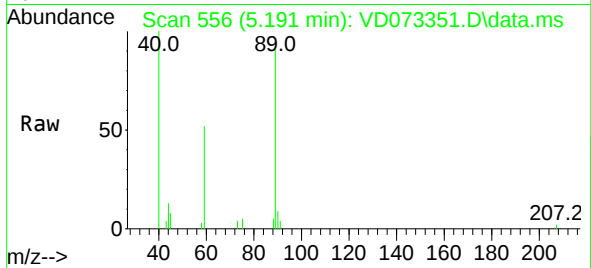




#11
Tert butyl alcohol
Concen: 32.162 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073351.D
Acq: 25 May 2022 05:13

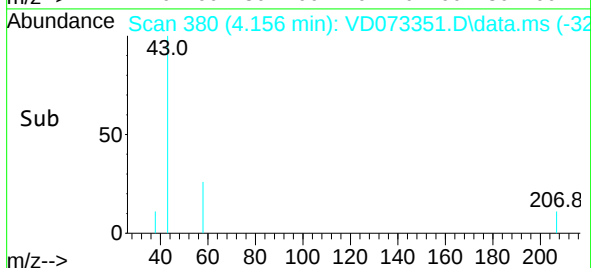
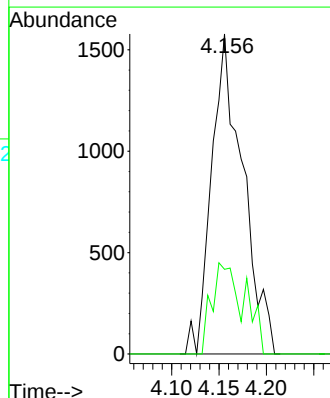
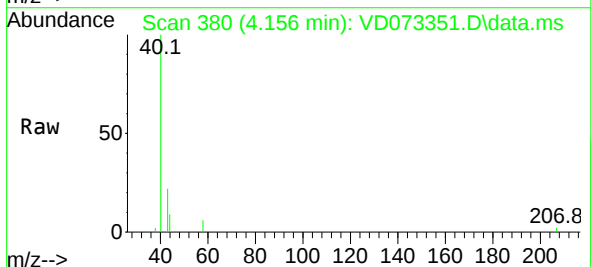
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-2430-01

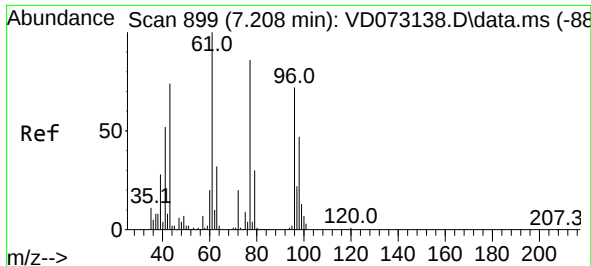
Tgt Ion: 59 Resp: 16047
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.6#



#16
Acetone
Concen: 6.486 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073351.D
Acq: 25 May 2022 05:13

Tgt Ion: 43 Resp: 3613
Ion Ratio Lower Upper
43 100
58 26.5 22.1 33.1





#25

2-Butanone

Concen: 2.874 ug/l

RT: 7.191 min Scan# 89

Delta R.T. -0.017 min

Lab File: VD073351.D

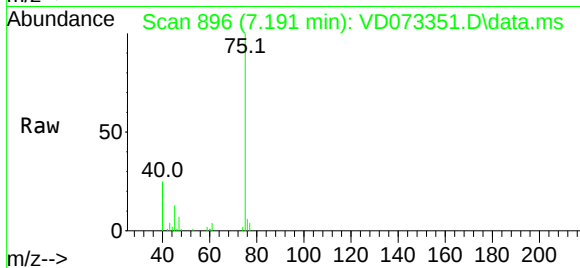
Acq: 25 May 2022 05:13

Instrument :

MSVOA_D

ClientSampleId :

P020-SS001-2430-01

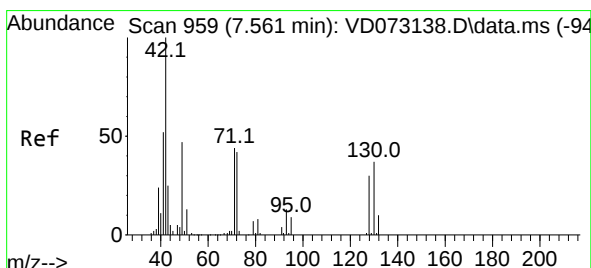
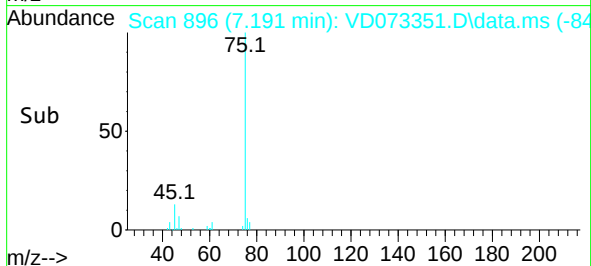
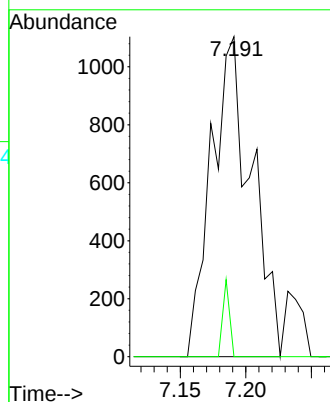


Tgt Ion: 43 Resp: 2342

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#29

Tetrahydrofuran

Concen: 1.095 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD073351.D

Acq: 25 May 2022 05:13

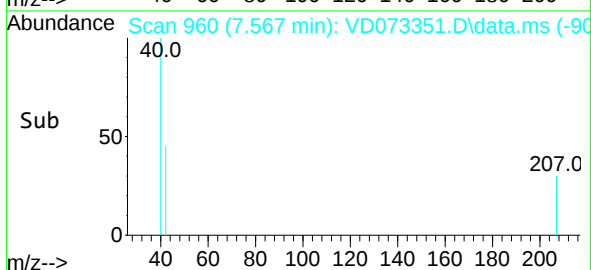
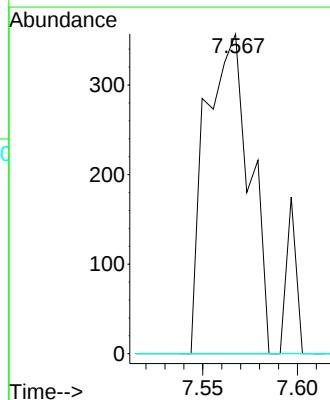
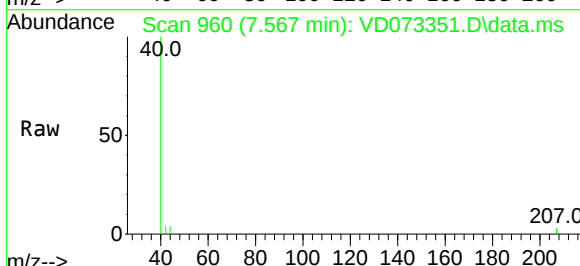
Tgt Ion: 42 Resp: 577

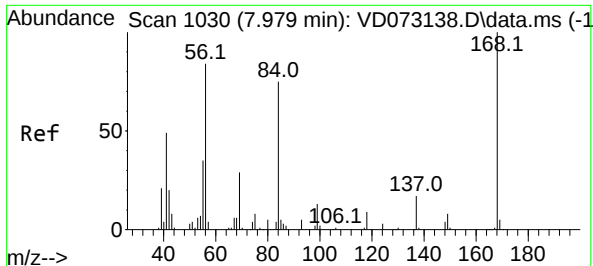
Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#





#31

Cyclohexane

Concen: 1.177 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073351.D

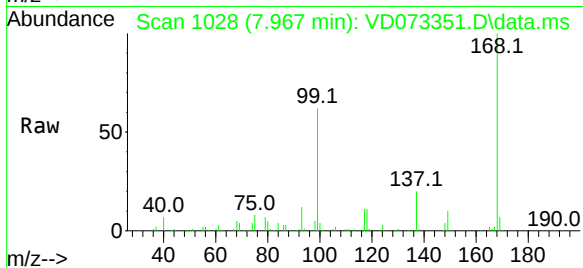
Acq: 25 May 2022 05:13

Instrument :

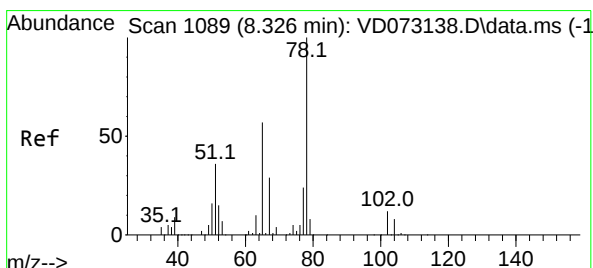
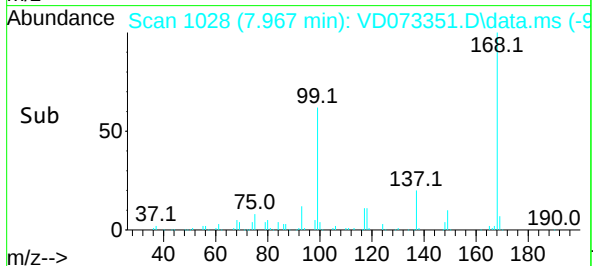
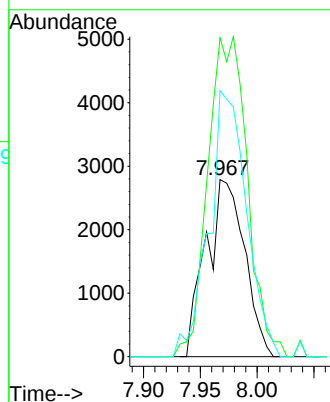
MSVOA_D

ClientSampleId :

P020-SS001-2430-01



Tgt Ion:	56	Resp:	6613
Ion Ratio	Lower	Upper	
56	100		
69	172.9	25.4	38.2#
84	150.2	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 48.875 ug/l

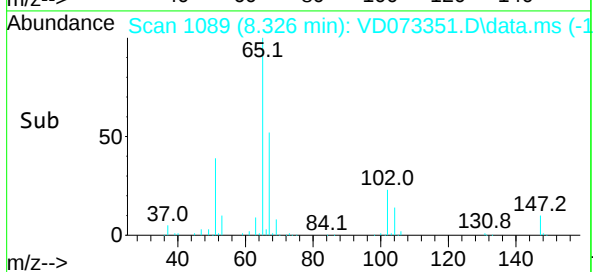
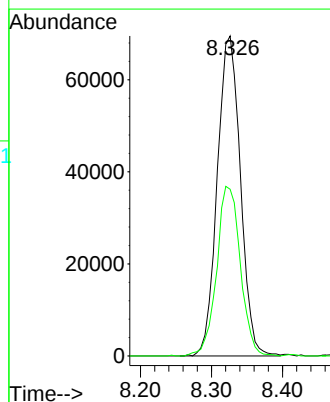
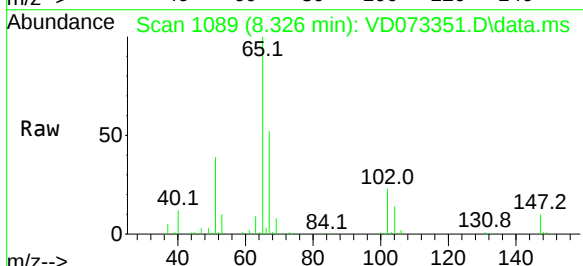
RT: 8.326 min Scan# 1089

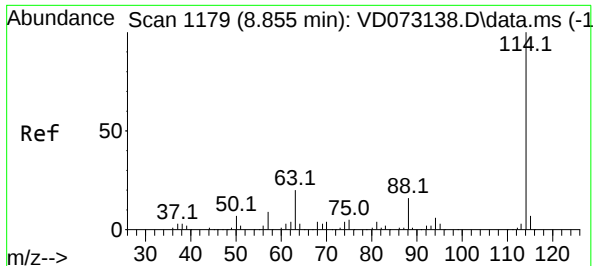
Delta R.T. 0.000 min

Lab File: VD073351.D

Acq: 25 May 2022 05:13

Tgt Ion:	65	Resp:	157178
Ion Ratio	Lower	Upper	
65	100		
67	54.2	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: VD073351.D

Acq: 25 May 2022 05:13

Instrument :

MSVOA_D

ClientSampleId :

P020-SS001-2430-01

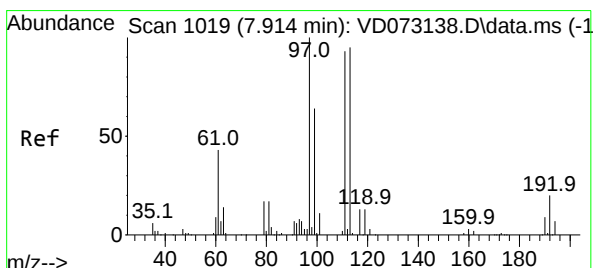
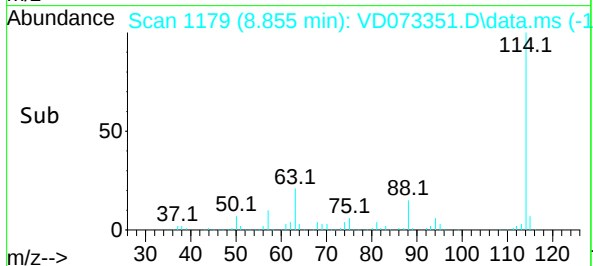
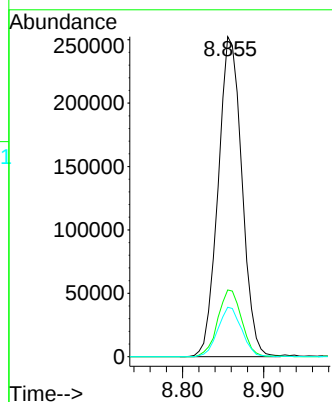
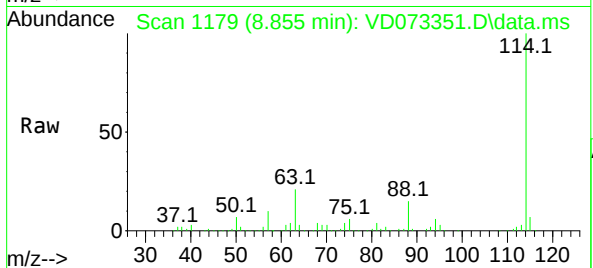
Tgt Ion:114 Resp: 513269

Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.563 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD073351.D

Acq: 25 May 2022 05:13

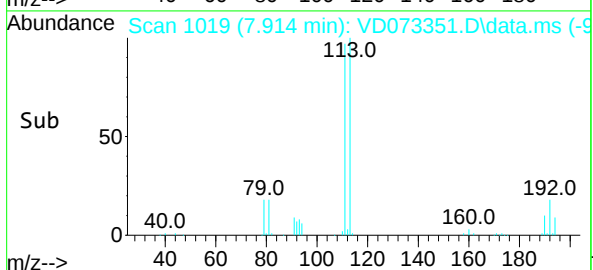
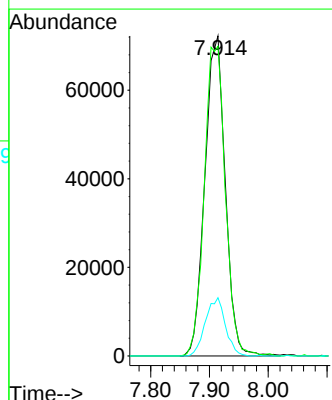
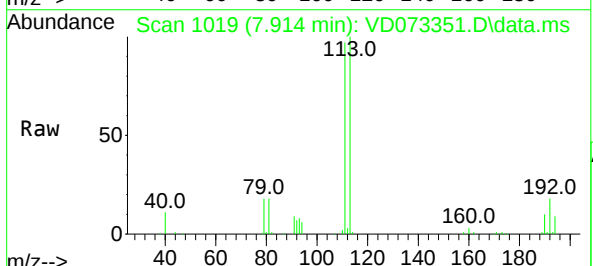
Tgt Ion:113 Resp: 174639

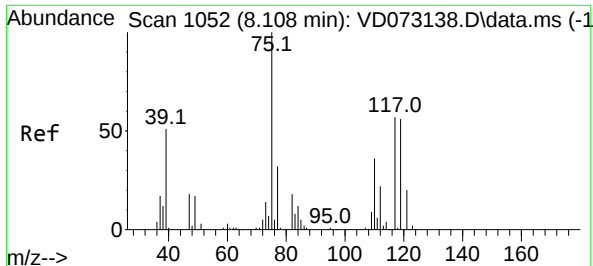
Ion Ratio Lower Upper

113 100

111 99.9 83.8 125.6

192 17.8 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.769 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD073351.D

Acq: 25 May 2022 05:13

Instrument :

MSVOA_D

ClientSampleId :

P020-SS001-2430-01

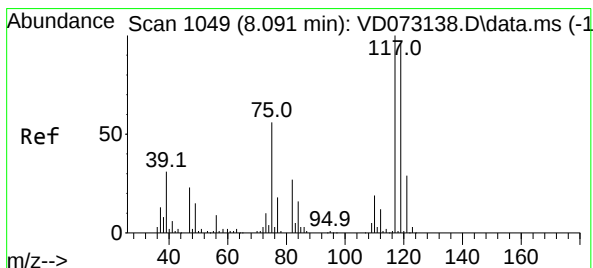
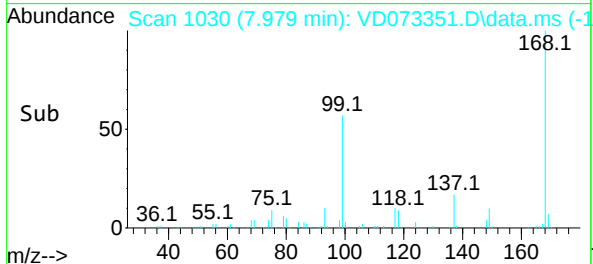
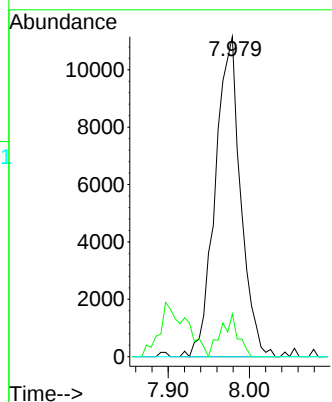
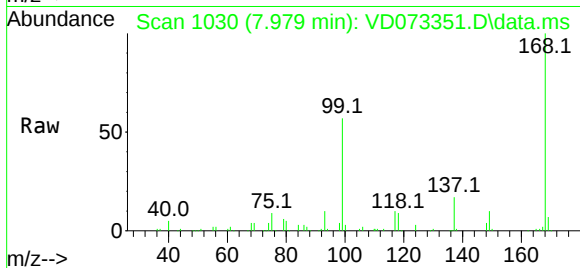
Tgt Ion: 75 Resp: 24291

Ion Ratio Lower Upper

75 100

110 9.0 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.935 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073351.D

Acq: 25 May 2022 05:13

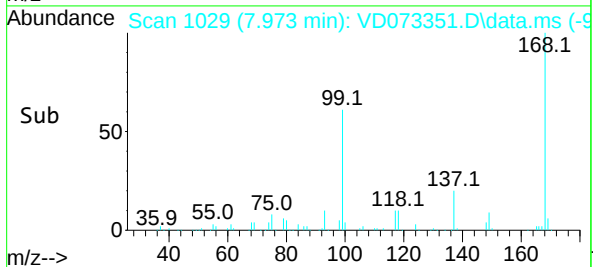
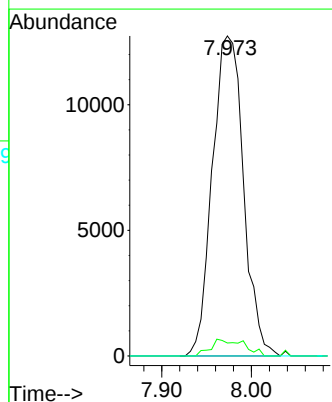
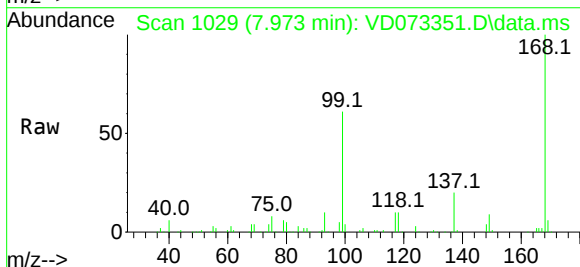
Tgt Ion: 117 Resp: 30647

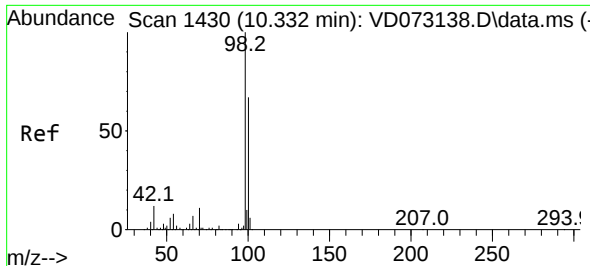
Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.6#

121 0.0 24.5 36.7#

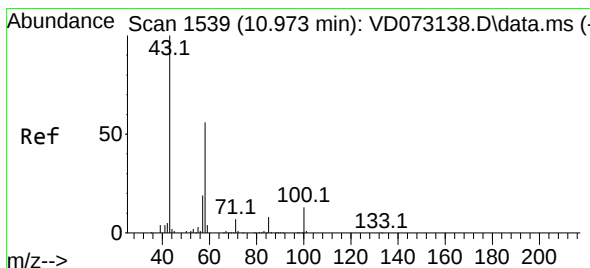
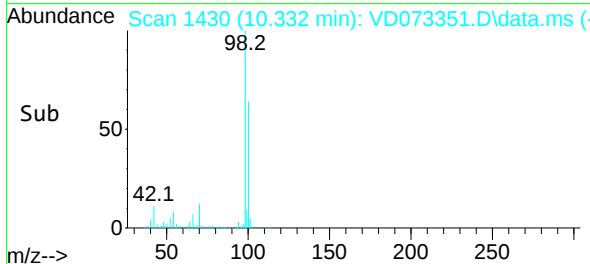
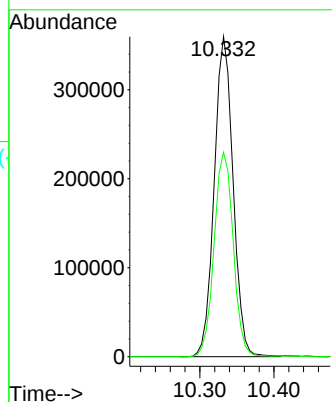
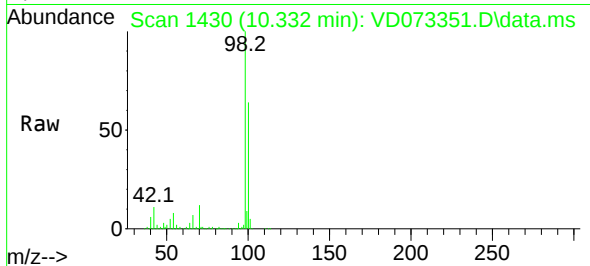




#50
Toluene-d8
Concen: 50.942 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073351.D
Acq: 25 May 2022 05:13

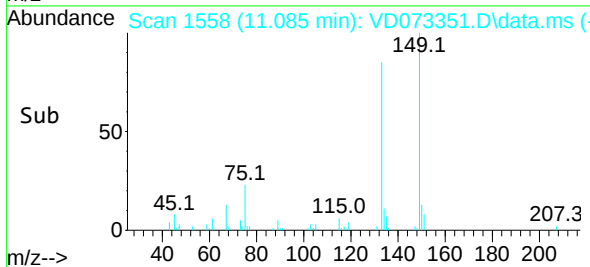
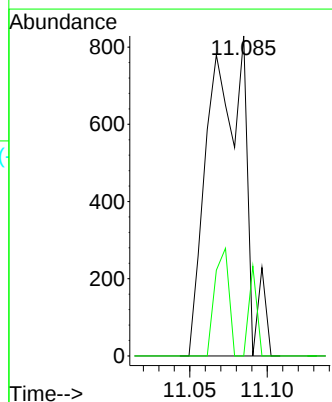
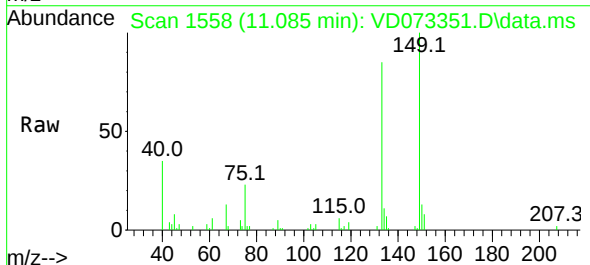
Instrument :
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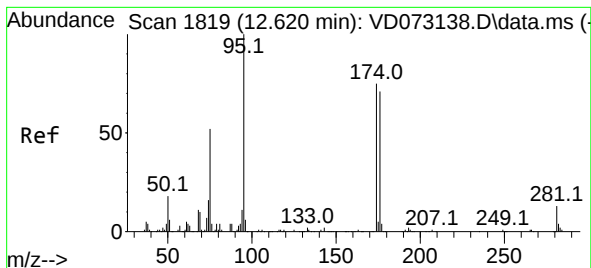
Tgt Ion: 98 Resp: 636009
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#59
2-Hexanone
Concen: 1.073 ug/l
RT: 11.085 min Scan# 1558
Delta R.T. 0.112 min
Lab File: VD073351.D
Acq: 25 May 2022 05:13

Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
58 6.0 25.3 75.9#

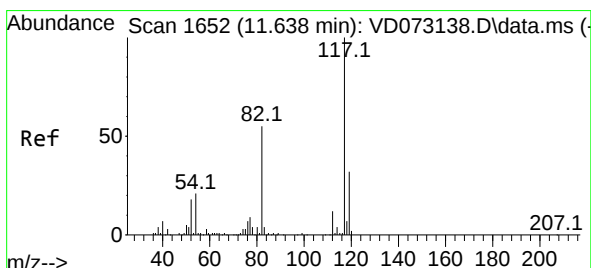
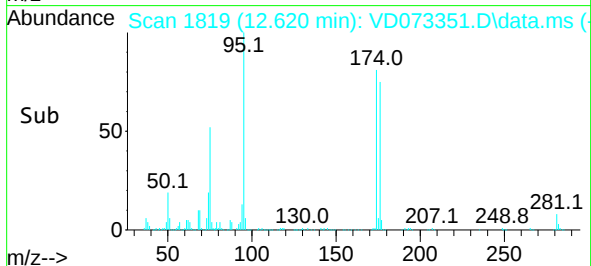
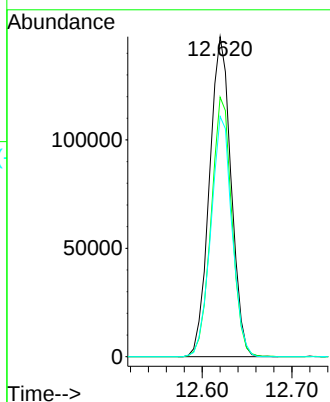
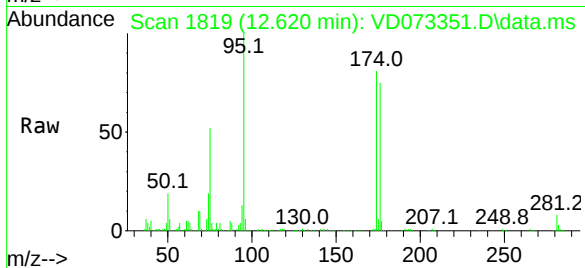




#62
4-Bromofluorobenzene
Concen: 56.400 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073351.D
Acq: 25 May 2022 05:13

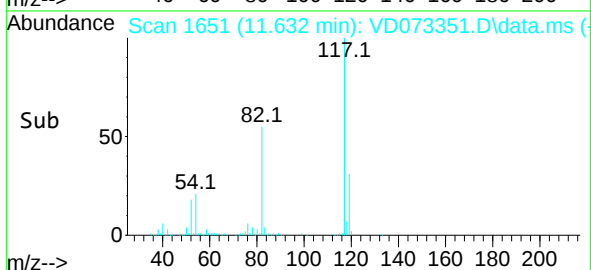
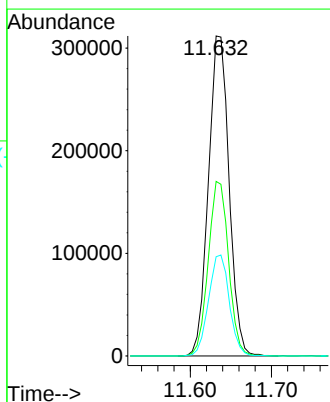
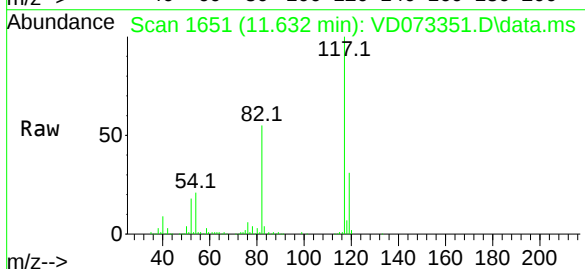
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-2430-01

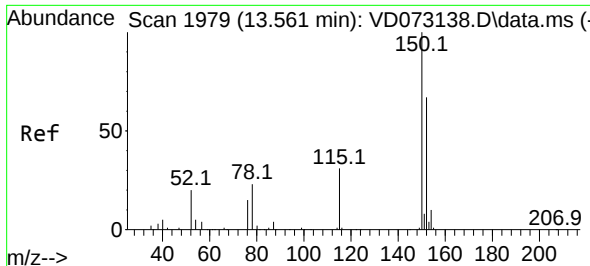
Tgt Ion: 95 Resp: 247117
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 73.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073351.D
Acq: 25 May 2022 05:13

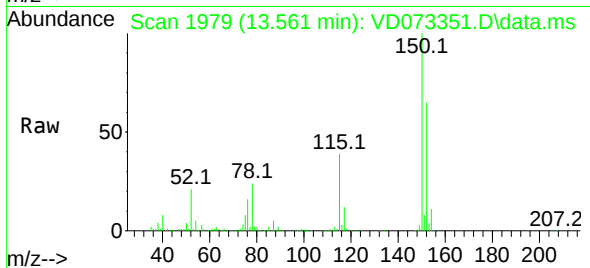
Tgt Ion: 117 Resp: 550636
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 31.0 26.6 40.0



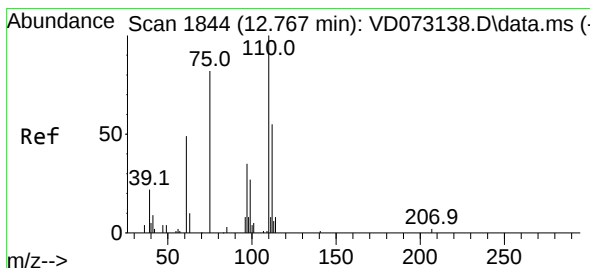
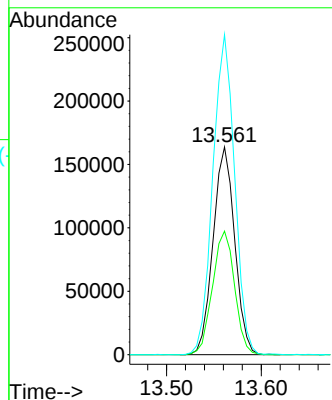
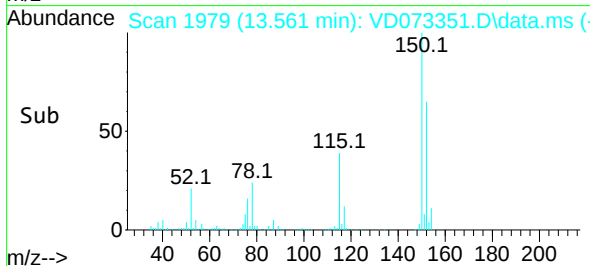


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073351.D
 Acq: 25 May 2022 05:13

Instrument :
 MSVOA_D
 ClientSampleId :
 P020-SS001-2430-01

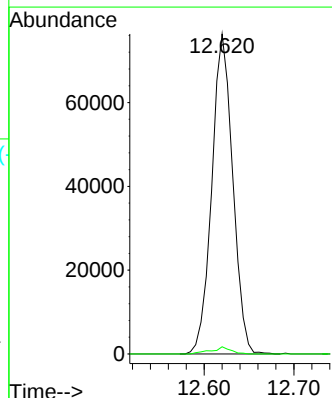
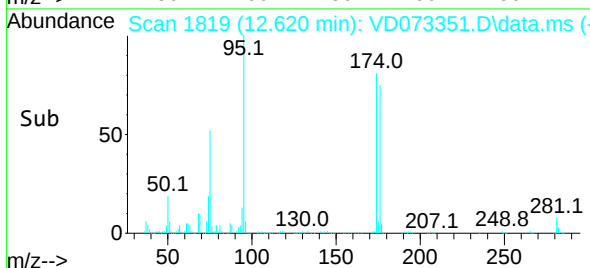
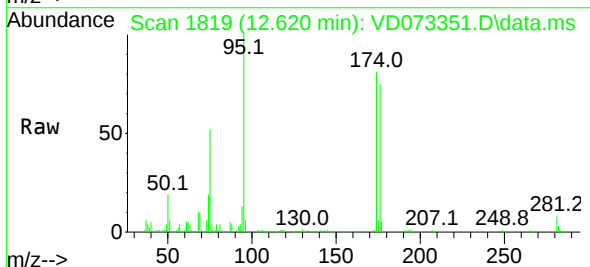


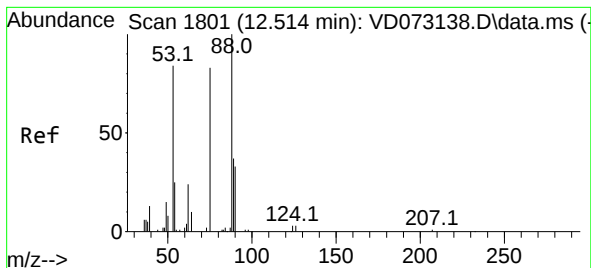
Tgt Ion:152 Resp: 260016
 Ion Ratio Lower Upper
 152 100
 115 60.6 31.3 93.8
 150 155.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 48.534 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073351.D
 Acq: 25 May 2022 05:13

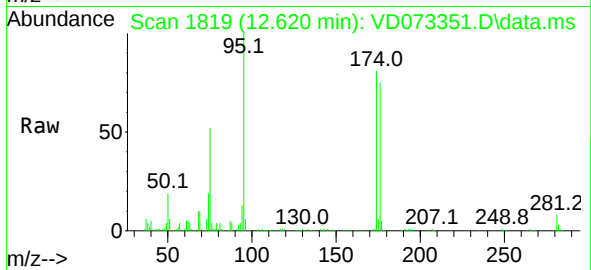
Tgt Ion: 75 Resp: 123820
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.515 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073351.D
 Acq: 25 May 2022 05:13

Instrument :
 MSVOA_D
 ClientSampleId :
 P020-SS001-2430-01



Tgt Ion: 75 Resp: 123820
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.2 33.9 50.9#

