

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073367.D
 Acq On : 25 May 2022 18:20
 Operator : VA/SY
 Sample : N2949-18
 Misc : 6.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-2430-01

Quant Time: May 26 02:26:08 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)

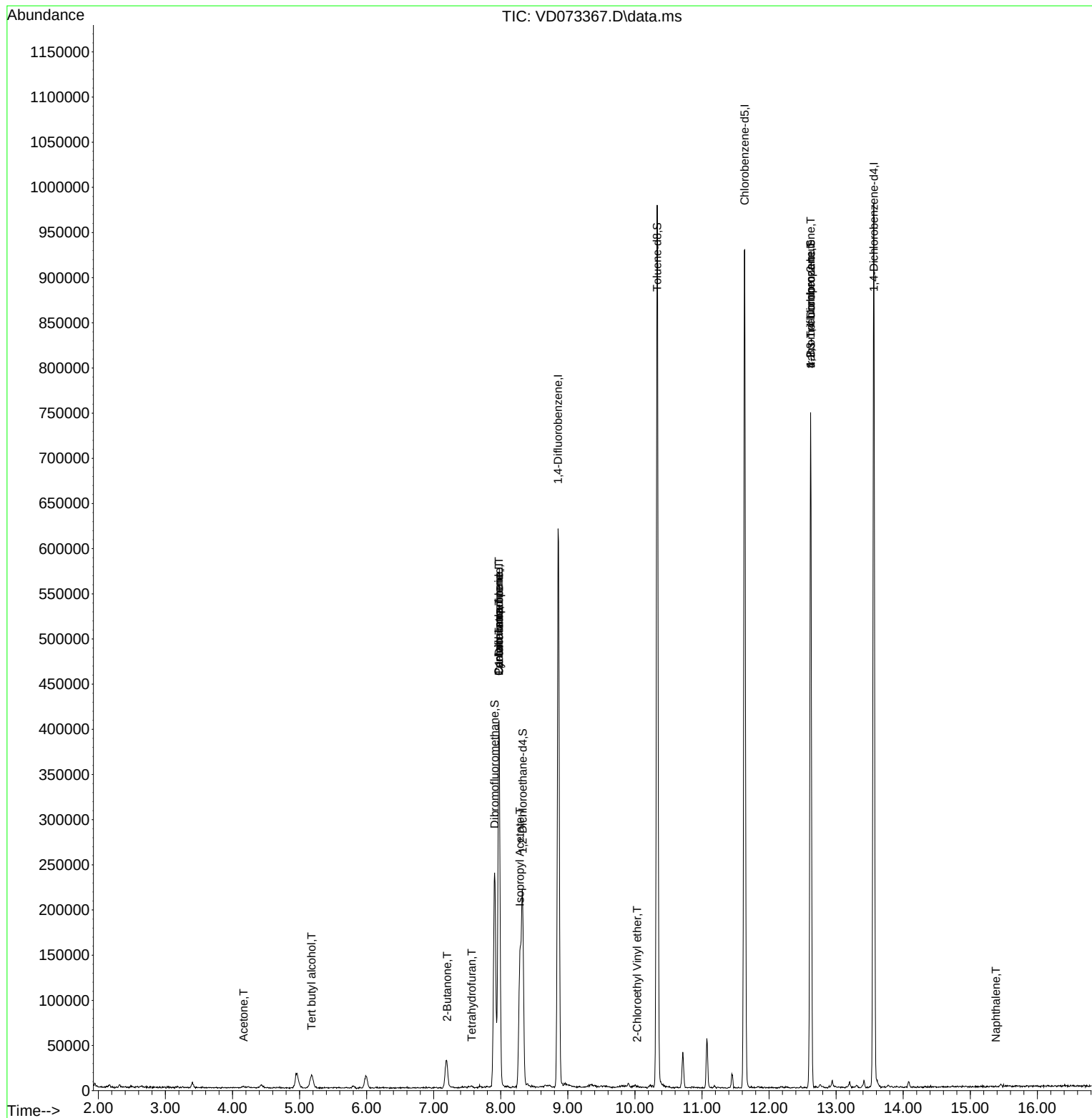
Internal Standards						
1) Pentafluorobenzene	7.973	168	292860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	525511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	550964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	160200	49.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.908	113	177860	51.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.580%
50) Toluene-d8	10.332	98	641608	50.193	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.620	95	239970	53.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.980%
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	675	Below Cal	#	51
11) Tert butyl alcohol	5.179	59	13967	27.815	ug/l #	76
16) Acetone	4.167	43	3268	5.829	ug/l #	81
20) Methylene Chloride	4.955	84	13361	Below Cal	#	76
25) 2-Butanone	7.202	43	1281	1.562	ug/l #	52
29) Tetrahydrofuran	7.567	42	950	1.791	ug/l #	68
31) Cyclohexane	7.973	56	7646	1.352	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	25453	4.880	ug/l #	45
38) Carbon Tetrachloride	7.973	117	31229	5.907	ug/l #	17
43) Isopropyl Acetate	8.285	43	3917	1.029	ug/l #	7
58) 2-Chloroethyl Vinyl ether	10.032	63	53	21.654	ug/l #	48
76) 1,2,3-Trichloropropane	12.620	75	121896	48.233	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	121896	115.792	ug/l #	7
95) Naphthalene	15.384	128	170	3.560	ug/l #	70

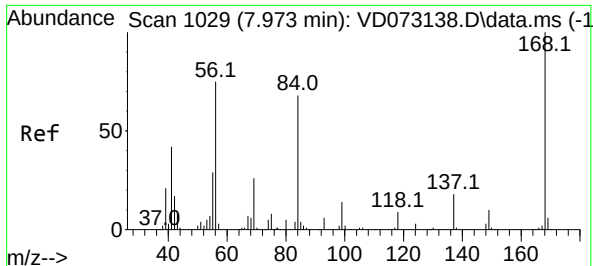
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P044-SS001-2430-01

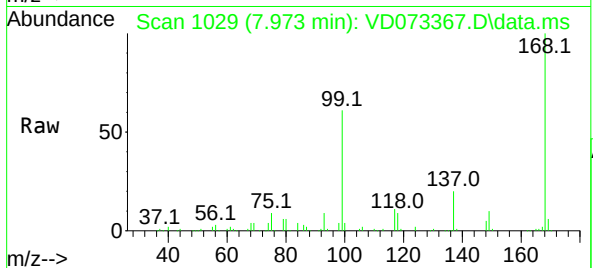
Quant Time: May 26 02:26:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
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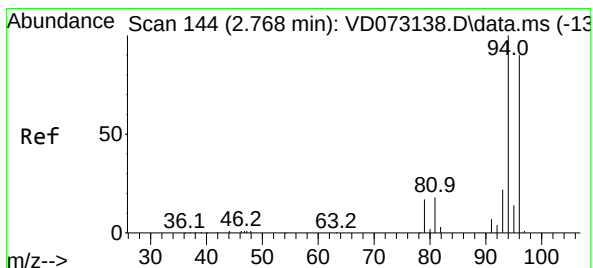
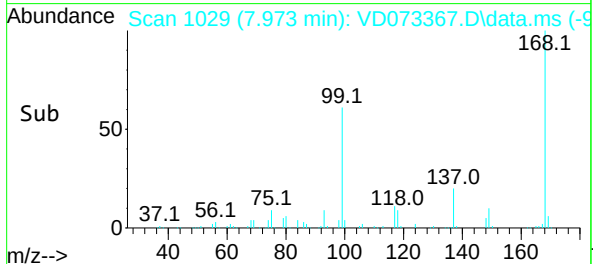
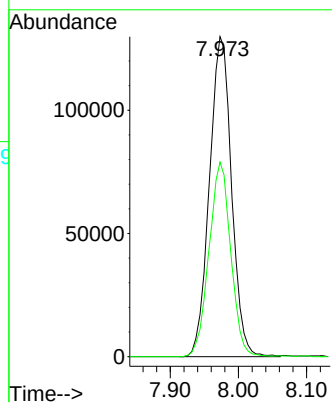


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-2430-01

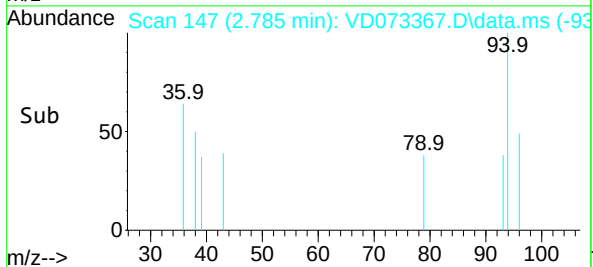
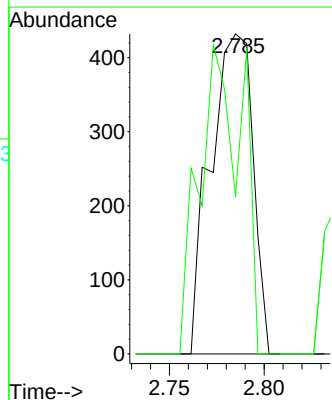
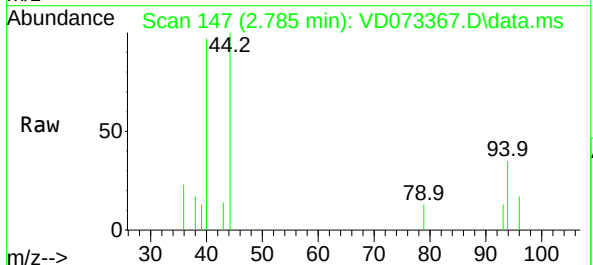


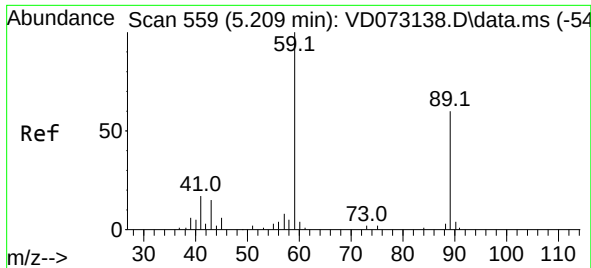
Tgt Ion:168 Resp: 292860
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

Tgt Ion: 94 Resp: 675
Ion Ratio Lower Upper
94 100
96 49.1 77.6 116.4#

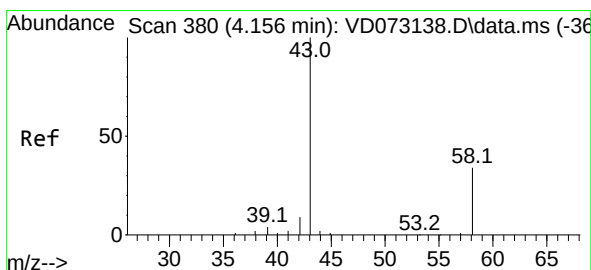
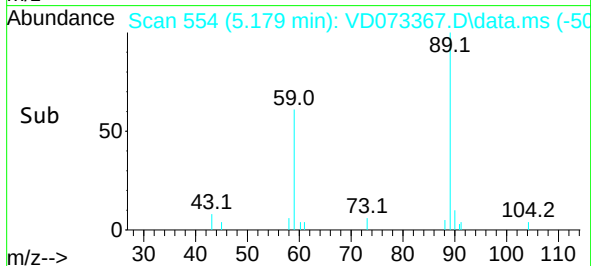
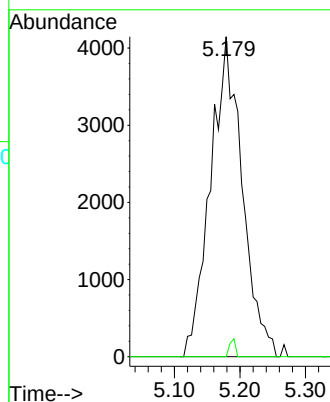
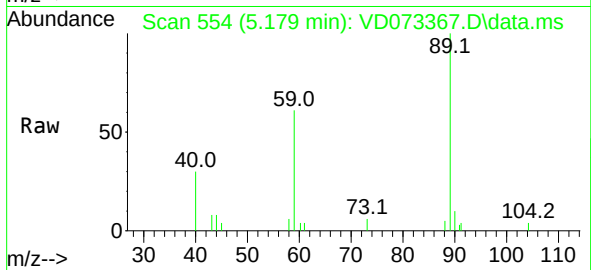




#11
Tert butyl alcohol
Concen: 27.815 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

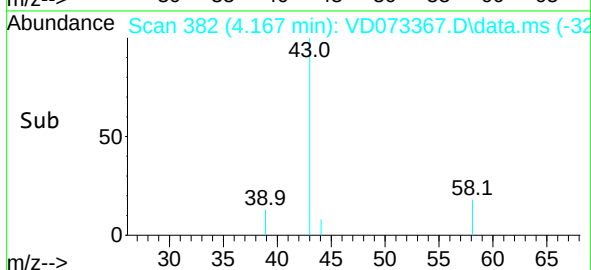
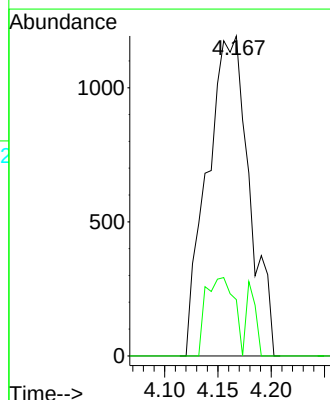
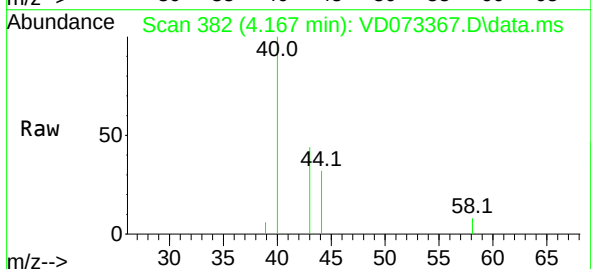
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-2430-01

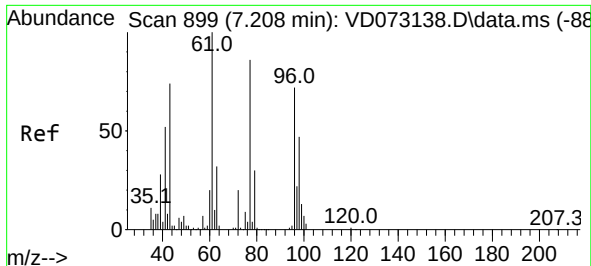
Tgt Ion: 59 Resp: 13967
Ion Ratio Lower Upper
59 100
57 1.0 7.8 11.6#



#16
Acetone
Concen: 5.829 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

Tgt Ion: 43 Resp: 3268
Ion Ratio Lower Upper
43 100
58 17.6 22.1 33.1#

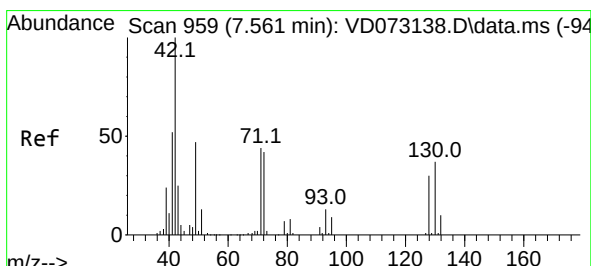
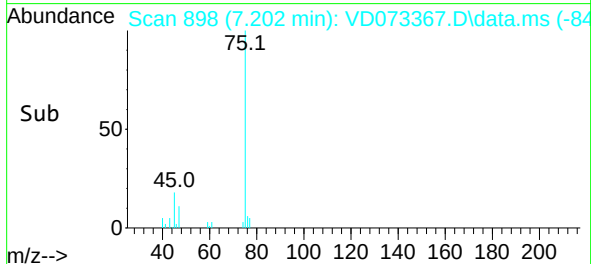
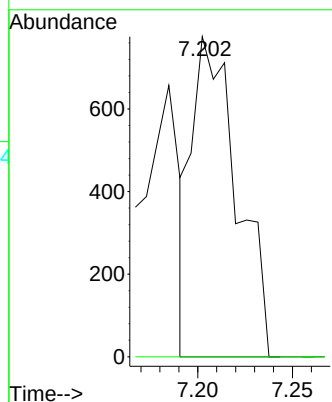
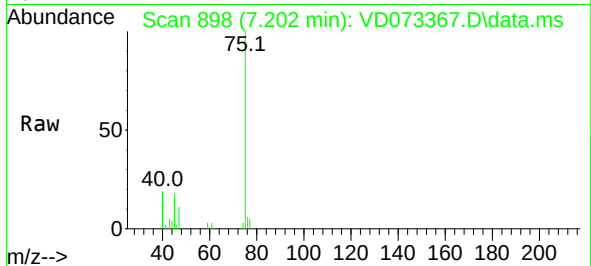




#25
2-Butanone
Concen: 1.562 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

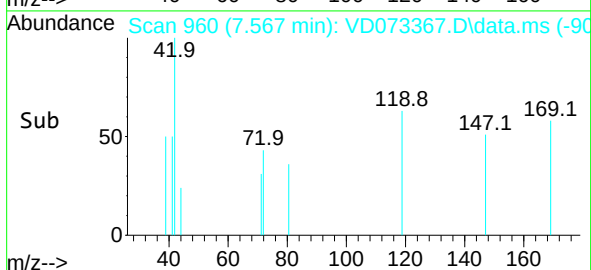
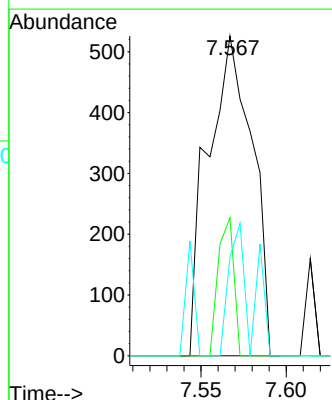
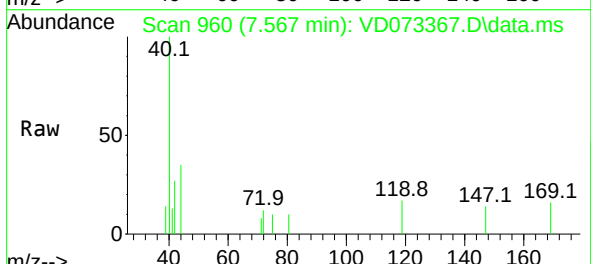
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-2430-01

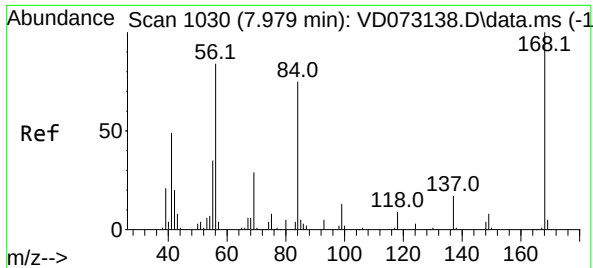
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#29
Tetrahydrofuran
Concen: 1.791 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

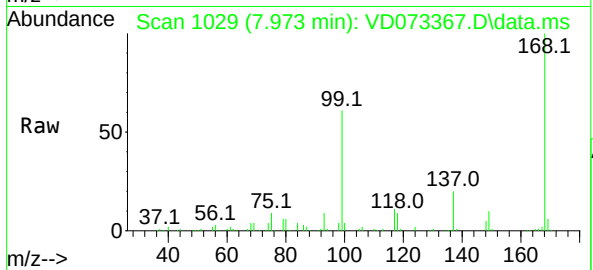
Tgt Ion: 42 Resp: 950
Ion Ratio Lower Upper
42 100
72 15.3 30.7 46.1#
71 20.9 28.6 43.0#



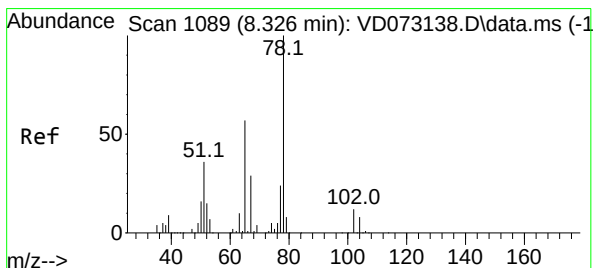
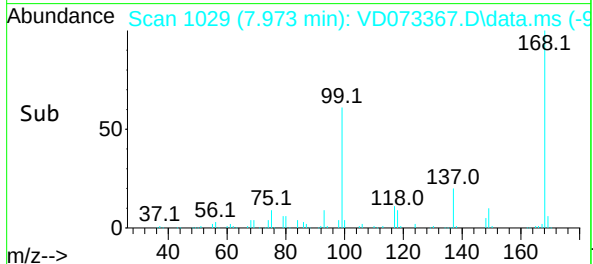
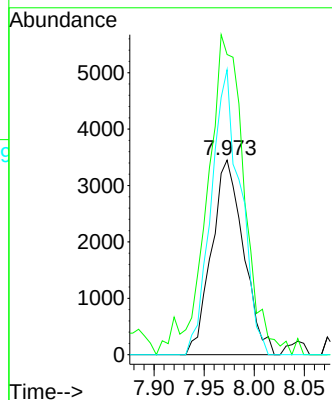


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-2430-01

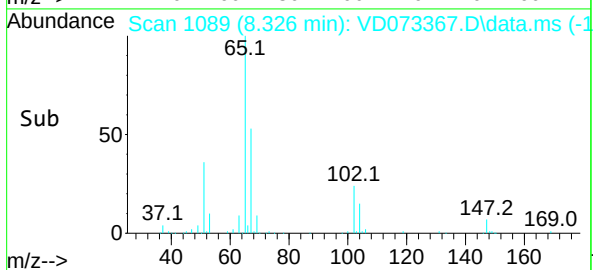
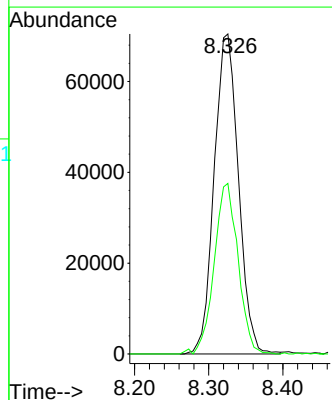
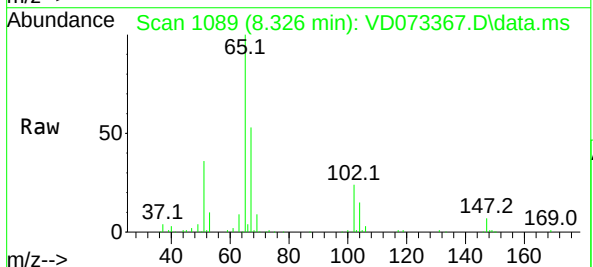


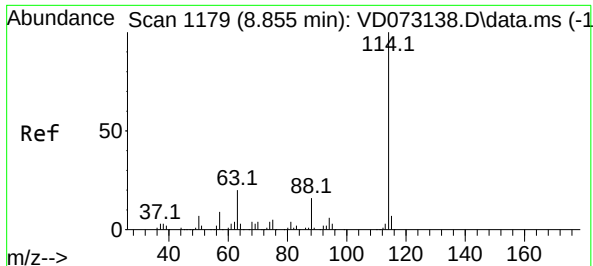
Tgt Ion: 56 Resp: 7646
Ion Ratio Lower Upper
56 100
69 149.8 25.4 38.2#
84 146.4 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 49.498 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

Tgt Ion: 65 Resp: 160200
Ion Ratio Lower Upper
65 100
67 52.5 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: VD073367.D

Acq: 25 May 2022 18:20

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-2430-01

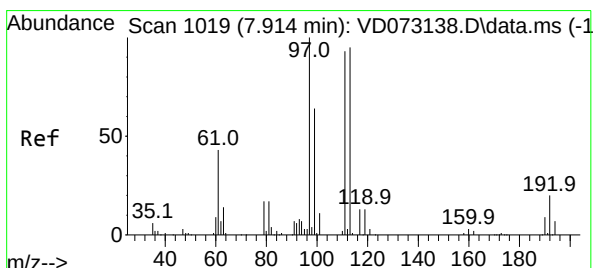
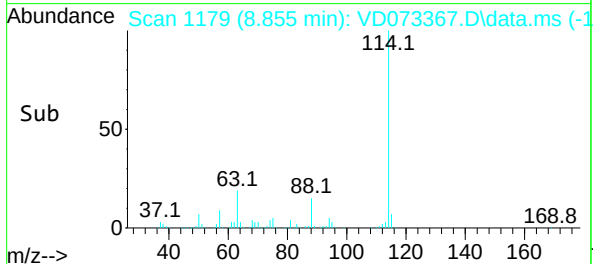
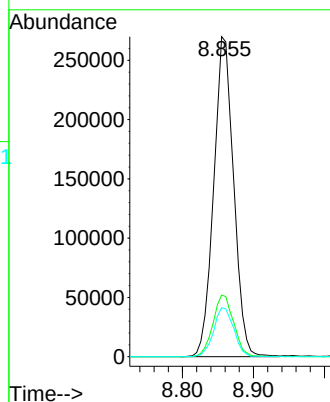
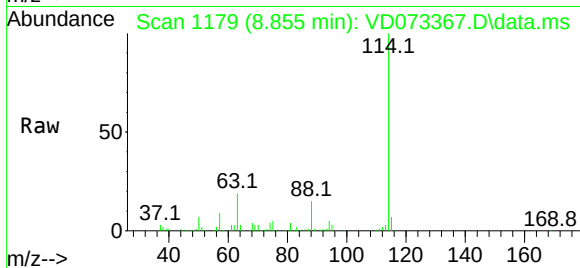
Tgt Ion:114 Resp: 525511

Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.291 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073367.D

Acq: 25 May 2022 18:20

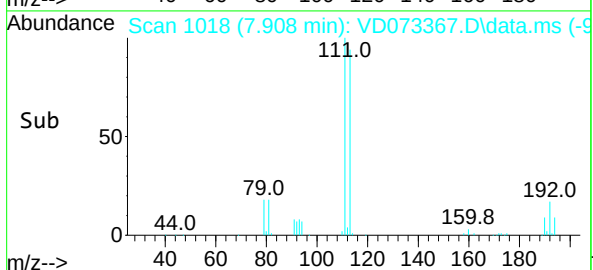
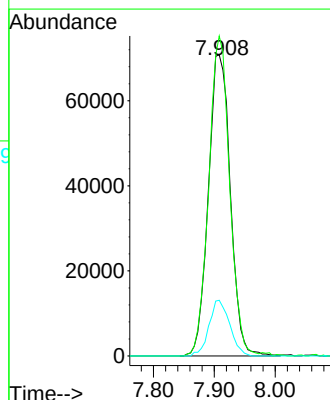
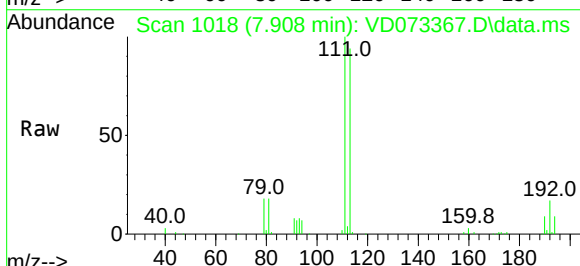
Tgt Ion:113 Resp: 177860

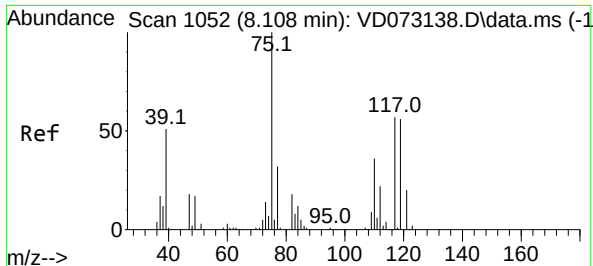
Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 17.4 14.6 21.8

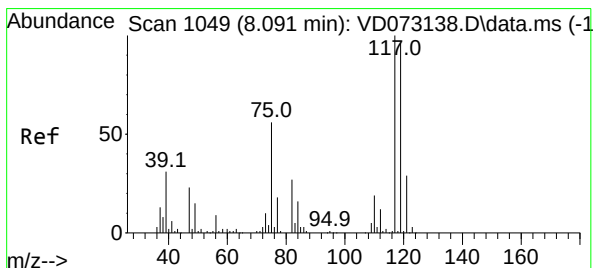
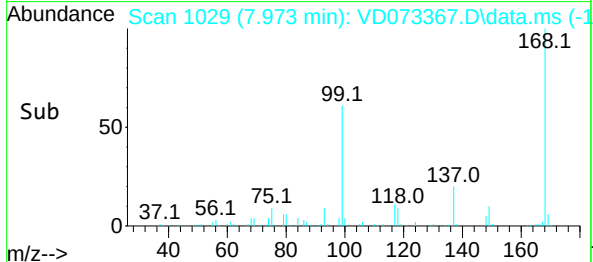
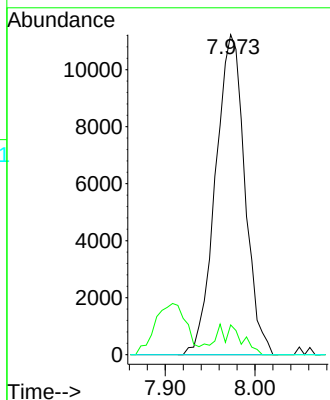
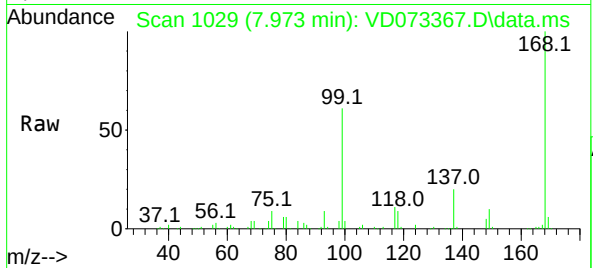




#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

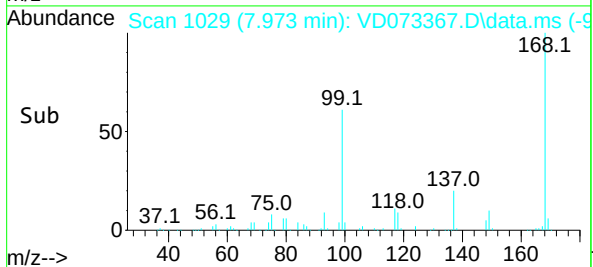
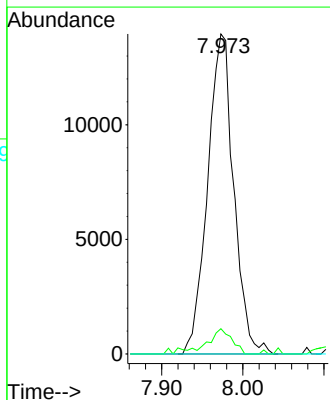
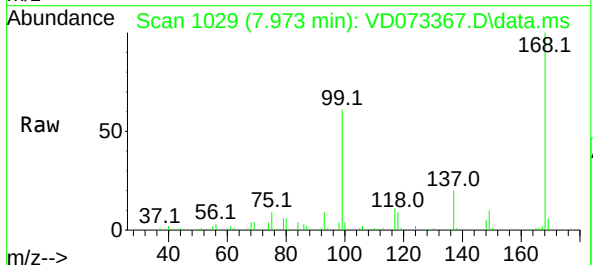
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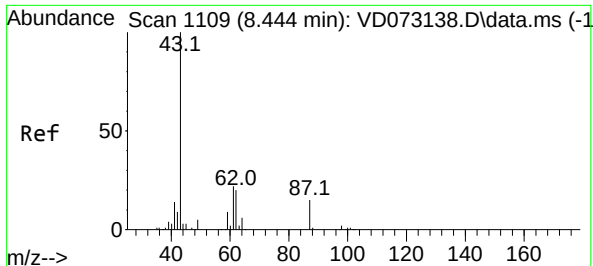
Tgt Ion: 75 Resp: 25453
Ion Ratio Lower Upper
75 100
110 1.8 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.907 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

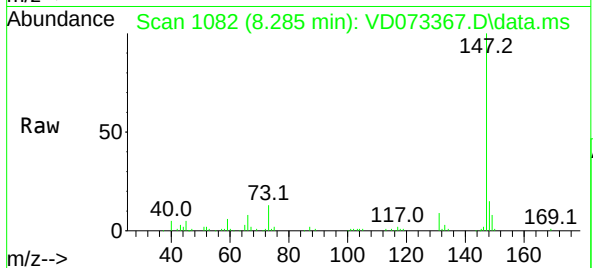
Tgt Ion: 117 Resp: 31229
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.5 36.7#



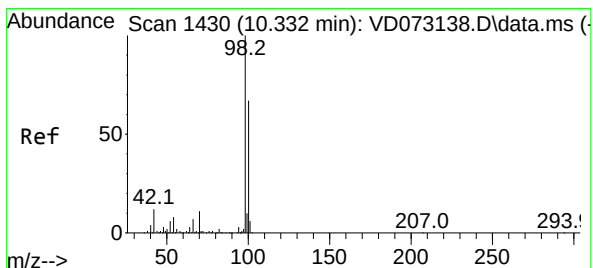
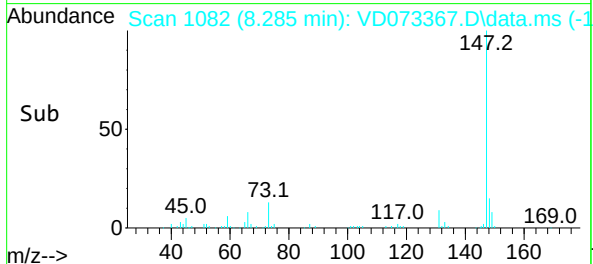
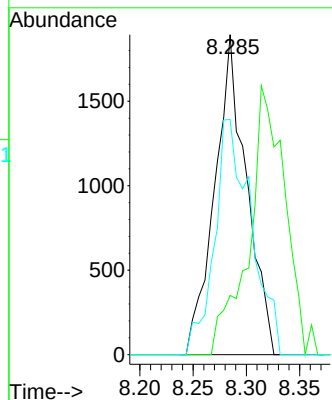


#43
Isopropyl Acetate
Concen: 1.029 ug/l
RT: 8.285 min Scan# 1082
Delta R.T. -0.159 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-2430-01

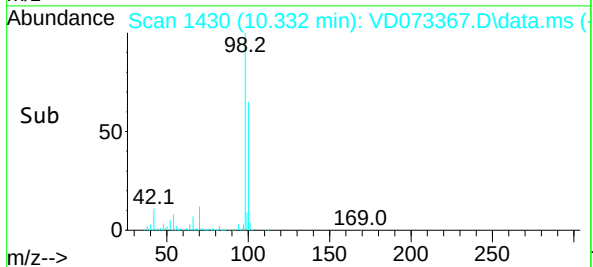
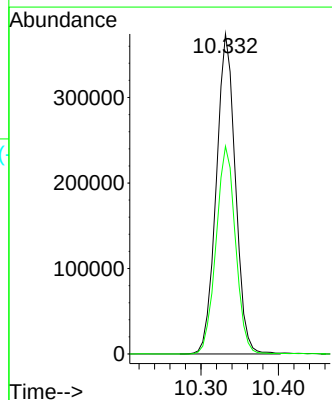
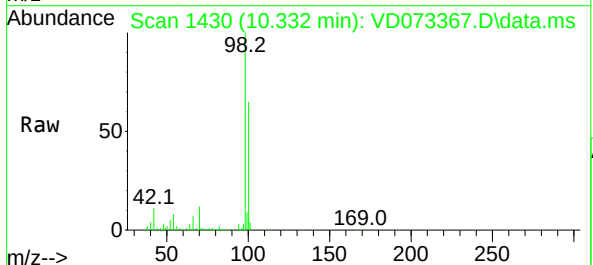


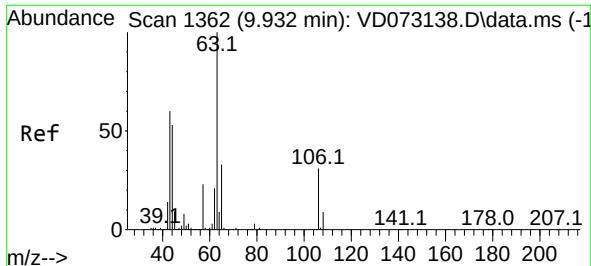
Tgt Ion: 43 Resp: 3917
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 84.9 8.7 13.1#



#50
Toluene-d8
Concen: 50.193 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

Tgt Ion: 98 Resp: 641608
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

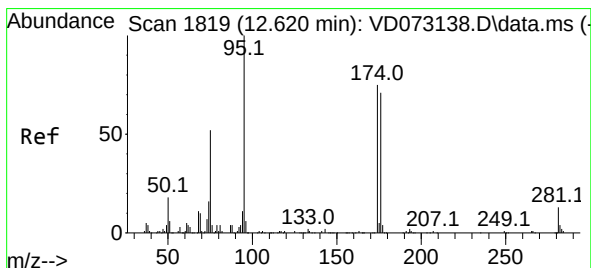
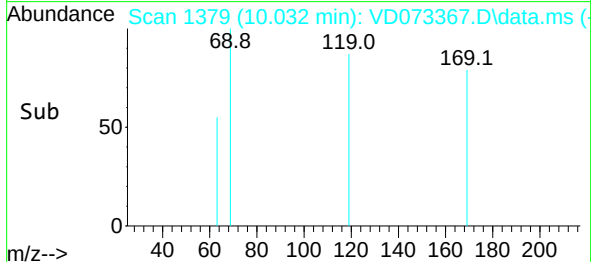
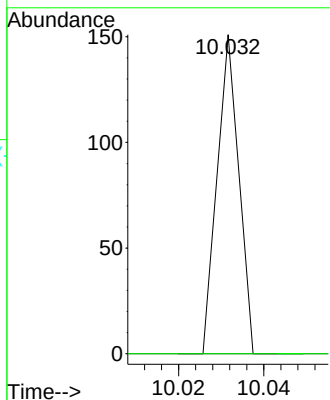
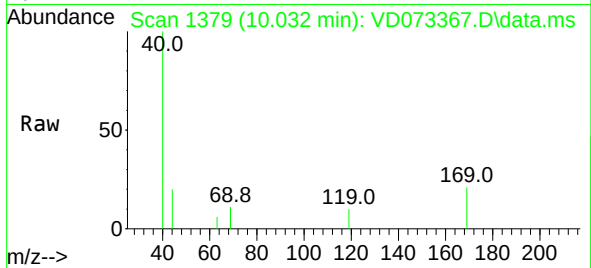




#58
2-Chloroethyl Vinyl ether
Concen: 21.654 ug/l
RT: 10.032 min Scan# 111
Delta R.T. 0.100 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

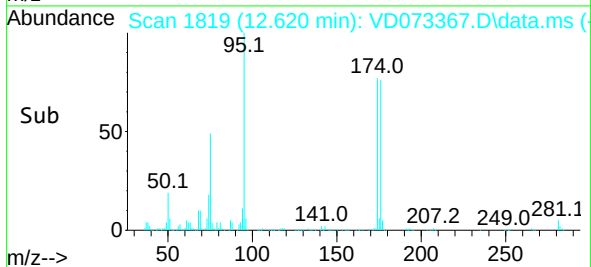
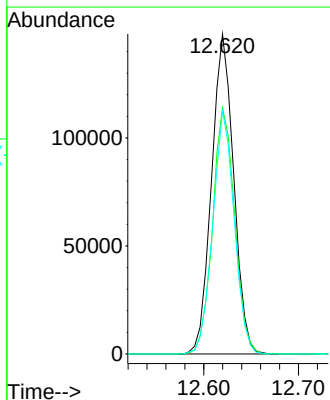
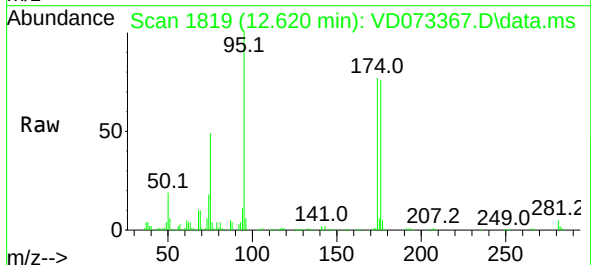
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-2430-01

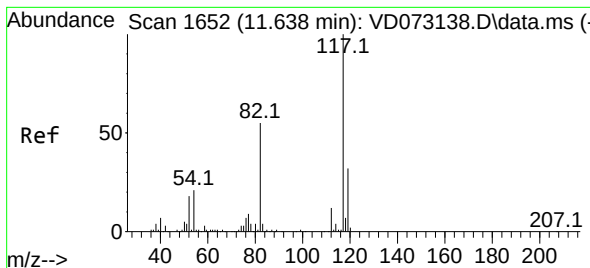
Tgt Ion: 63 Resp: 53
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#



#62
4-Bromofluorobenzene
Concen: 53.493 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

Tgt Ion: 95 Resp: 239970
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 73.8 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.637 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD073367.D

Acq: 25 May 2022 18:20

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-2430-01

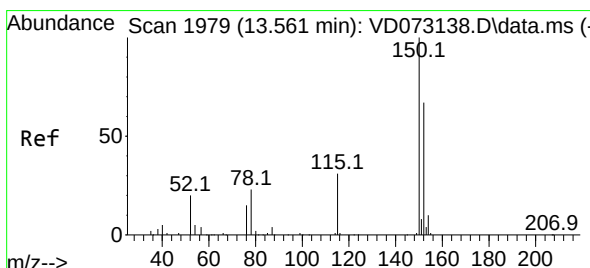
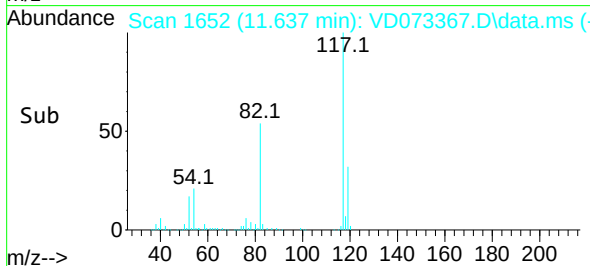
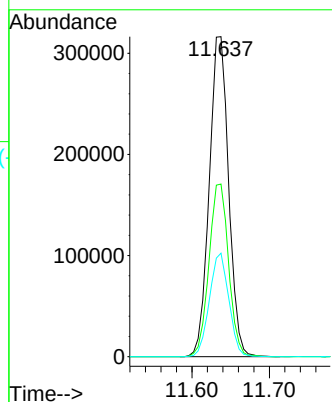
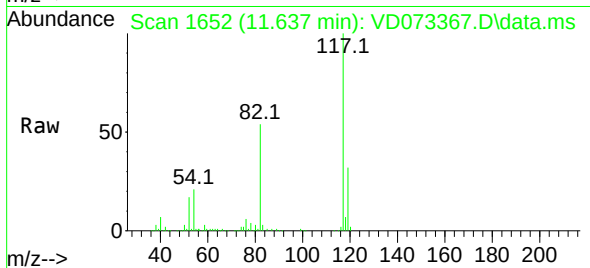
Tgt Ion:117 Resp: 550964

Ion Ratio Lower Upper

117 100

82 54.0 45.3 67.9

119 32.4 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: VD073367.D

Acq: 25 May 2022 18:20

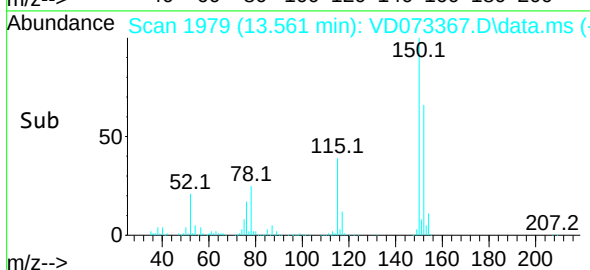
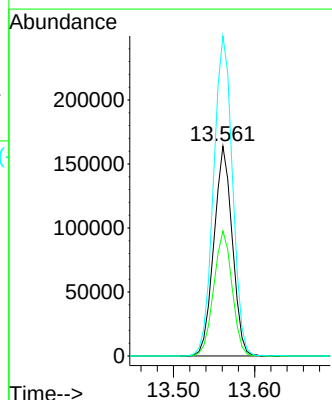
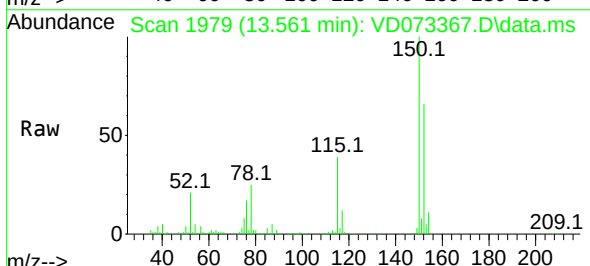
Tgt Ion:152 Resp: 257575

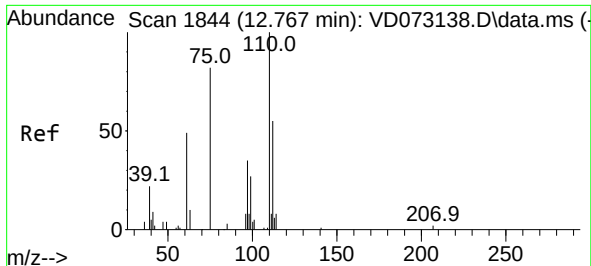
Ion Ratio Lower Upper

152 100

115 59.5 31.3 93.8

150 156.9 0.0 348.6

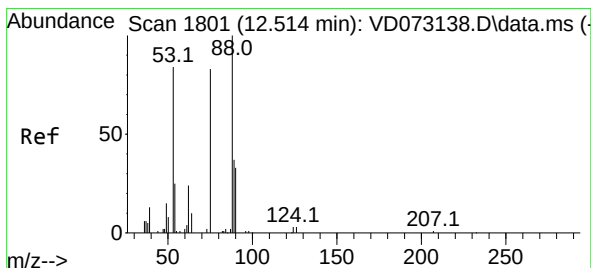
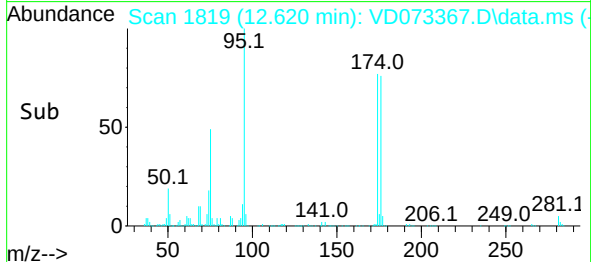
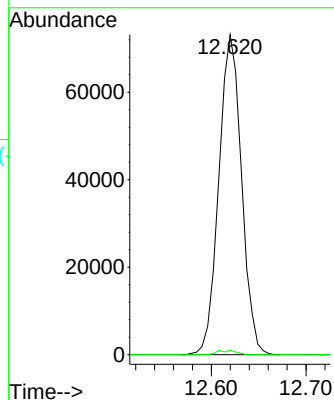
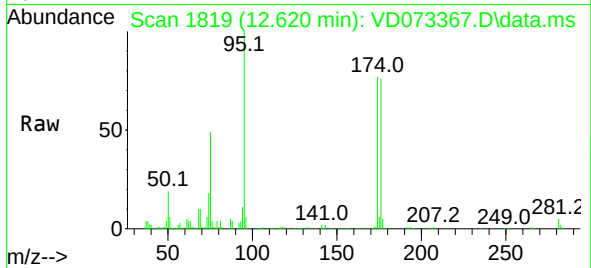




#76
1,2,3-Trichloropropane
Concen: 48.233 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

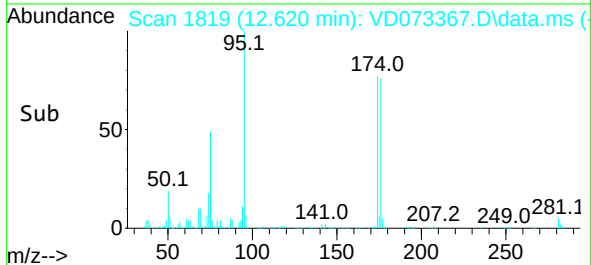
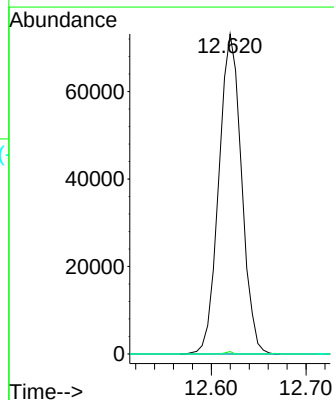
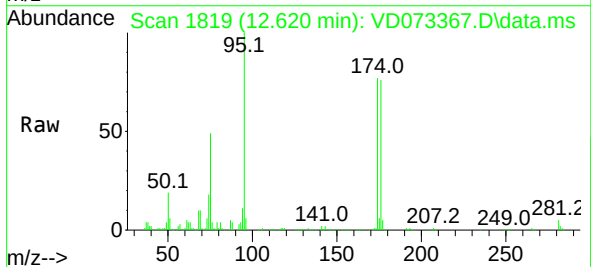
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-2430-01

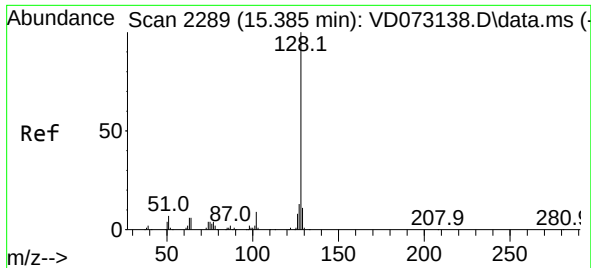
Tgt Ion: 75 Resp: 121896
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.792 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073367.D
Acq: 25 May 2022 18:20

Tgt Ion: 75 Resp: 121896
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 3.560 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD073367.D

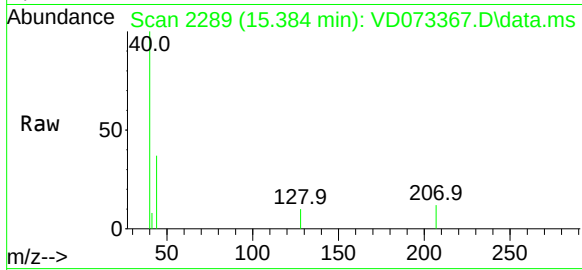
Acq: 25 May 2022 18:20

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-2430-01



Tgt Ion:	128	Resp:	170
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

