

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073256.D
 Acq On : 22 May 2022 05:34
 Operator : VA/SY
 Sample : N2920-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-1824-01

Quant Time: May 23 01:13:07 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)

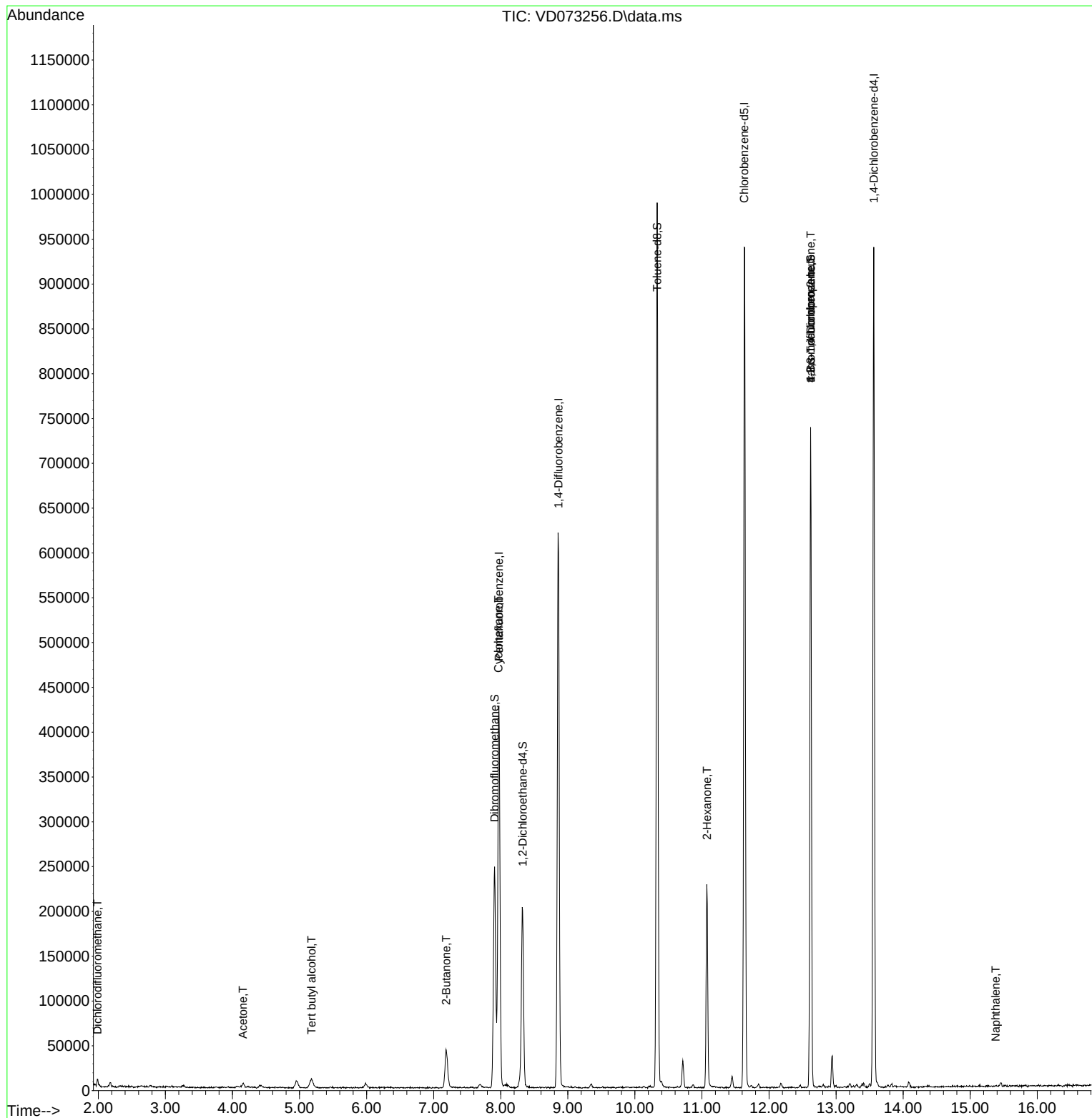
Internal Standards						
1) Pentafluorobenzene	7.973	168	310376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	531017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	553766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157836	46.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.040%
35) Dibromofluoromethane	7.909	113	178316	50.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.332	98	660347	51.124	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.620	95	233659	51.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	5929	1.912	ug/l	99
5) Bromomethane	2.779	94	1247	Below Cal	#	65
11) Tert butyl alcohol	5.179	59	9484	17.821	ug/l #	74
16) Acetone	4.156	43	8667	14.588	ug/l #	86
20) Methylene Chloride	4.944	84	3170	Below Cal	#	72
25) 2-Butanone	7.185	43	2706	3.113	ug/l #	52
31) Cyclohexane	7.967	56	8147	1.359	ug/l #	1
59) 2-Hexanone	11.073	43	2265	1.719	ug/l	65
76) 1,2,3-Trichloropropane	12.620	75	120928	50.133	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	120928	120.355	ug/l #	7
95) Naphthalene	15.379	128	576	3.608	ug/l #	70

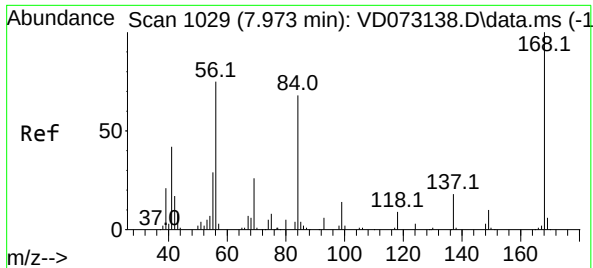
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P024-SS001-1824-01

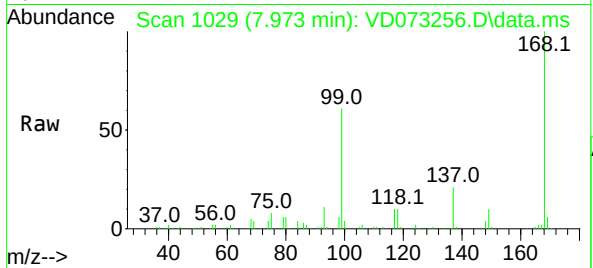
Quant Time: May 23 01:13:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



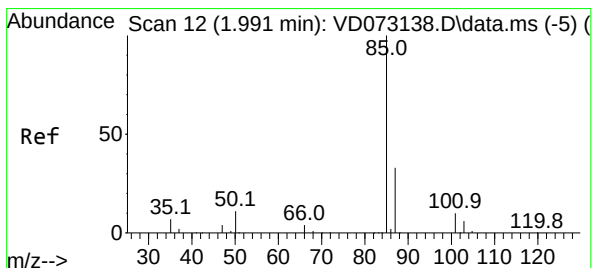
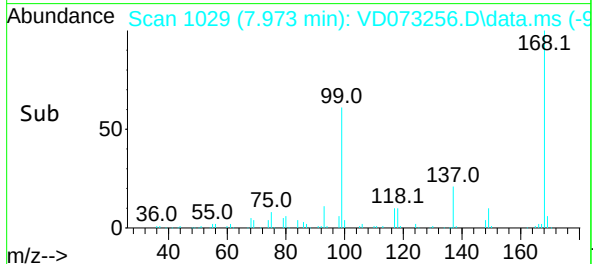
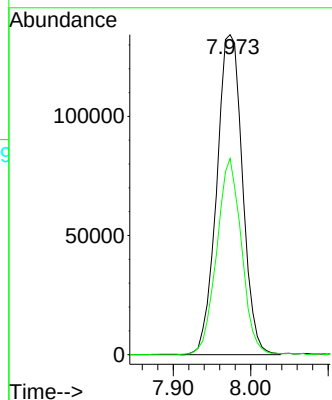


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-1824-01

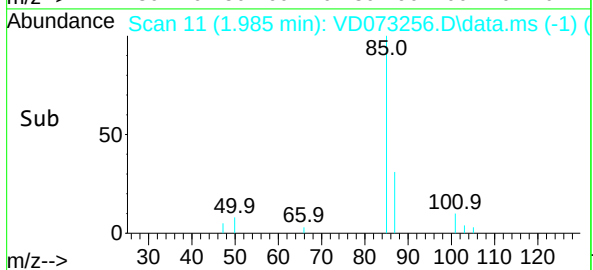
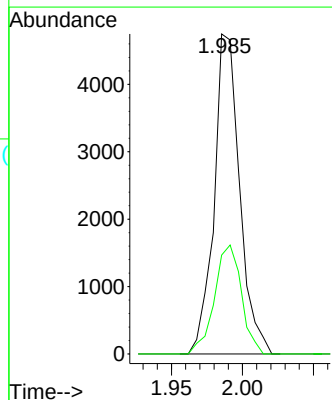
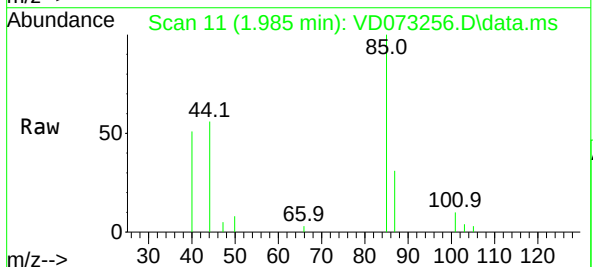


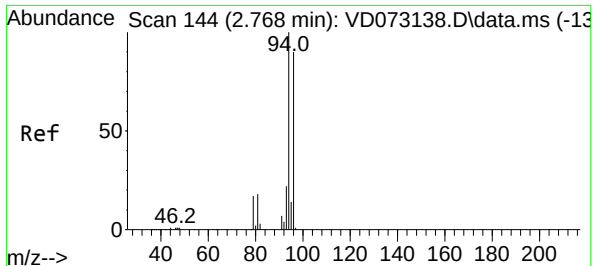
Tgt Ion:168 Resp: 310376
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.912 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

Tgt Ion: 85 Resp: 5929
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.0

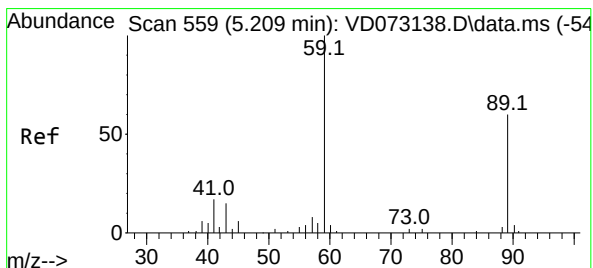
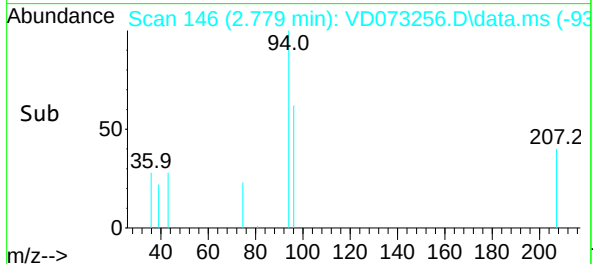
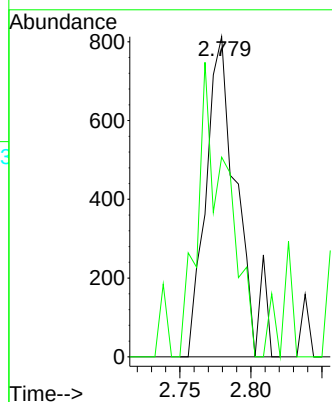
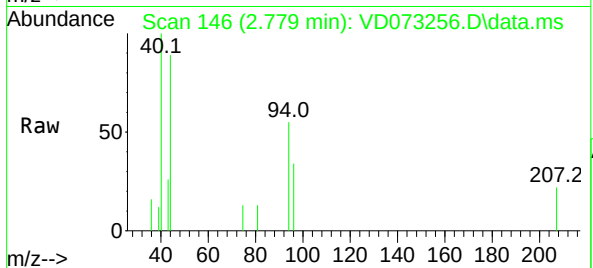




#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 144
Delta R.T. 0.011 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

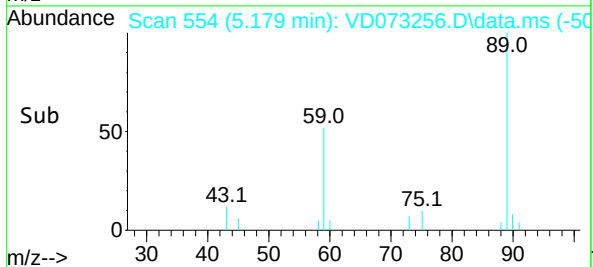
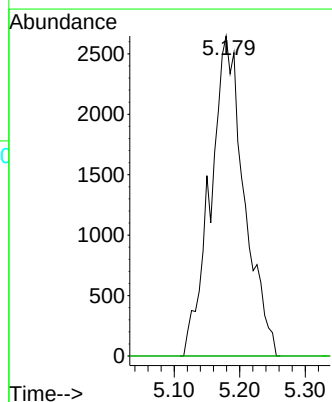
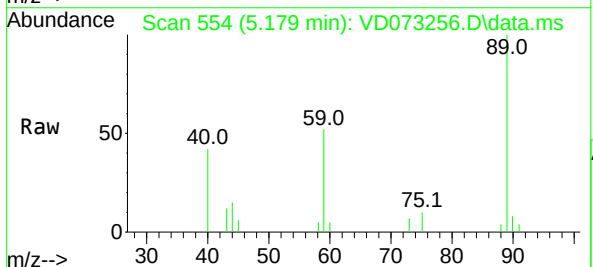
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-1824-01

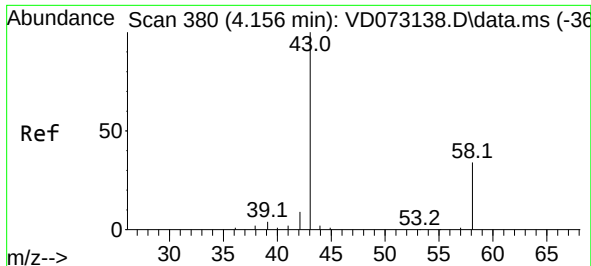
Tgt Ion: 94 Resp: 1247
Ion Ratio Lower Upper
94 100
96 62.4 77.6 116.4#



#11
Tert butyl alcohol
Concen: 17.821 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.030 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

Tgt Ion: 59 Resp: 9484
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

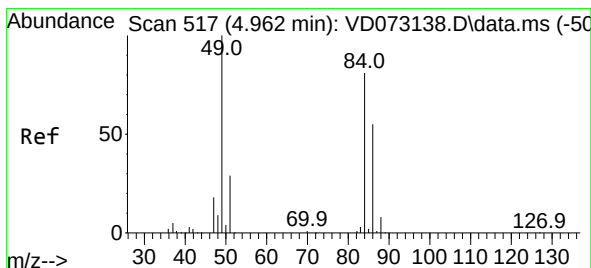
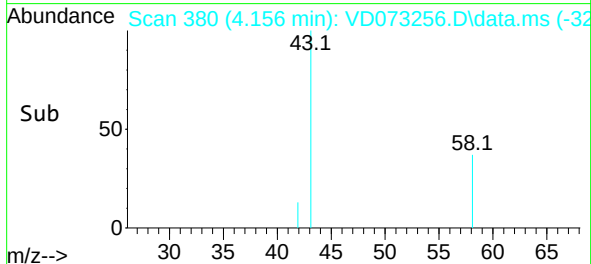
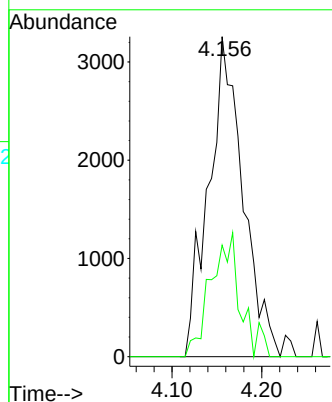
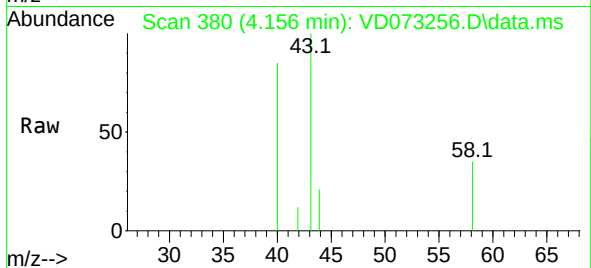




#16
Acetone
Concen: 14.588 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

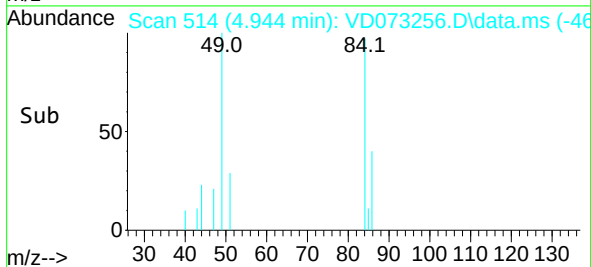
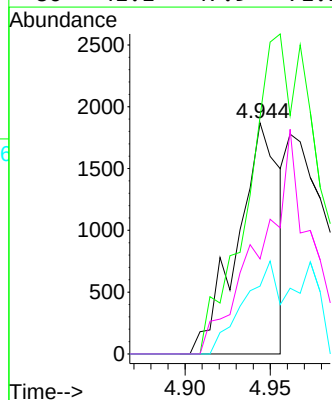
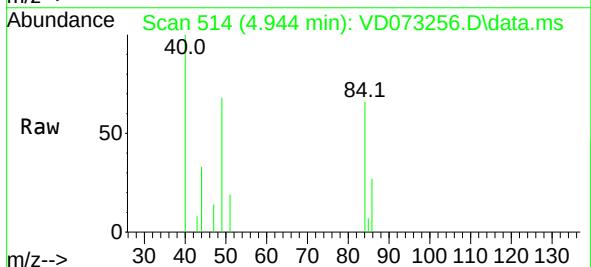
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-1824-01

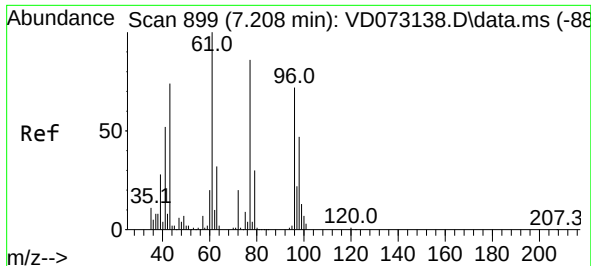
Tgt Ion: 43 Resp: 8667
Ion Ratio Lower Upper
43 100
58 34.8 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.944 min Scan# 514
Delta R.T. -0.018 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

Tgt Ion: 84 Resp: 3170
Ion Ratio Lower Upper
84 100
49 102.6 112.8 169.2#
51 29.4 32.6 48.8#
86 41.1 47.9 71.9#

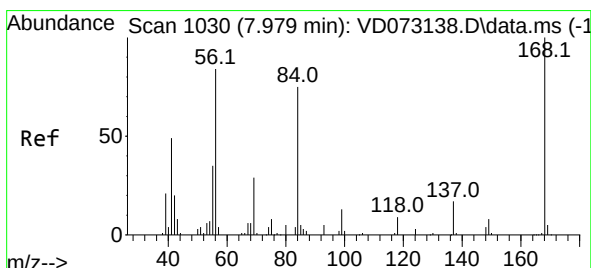
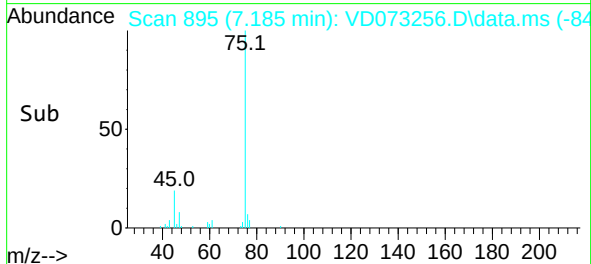
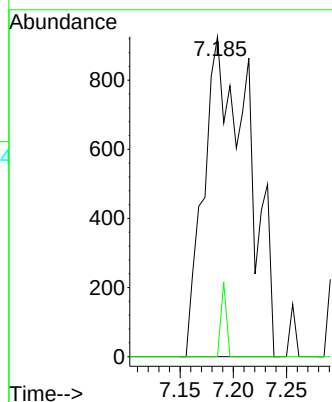
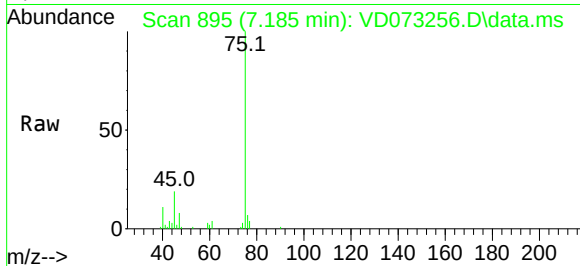




#25
2-Butanone
Concen: 3.113 ug/l
RT: 7.185 min Scan# 899
Delta R.T. -0.023 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

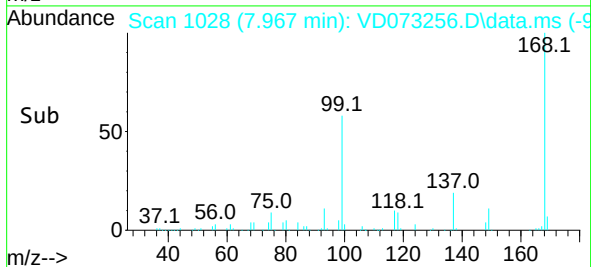
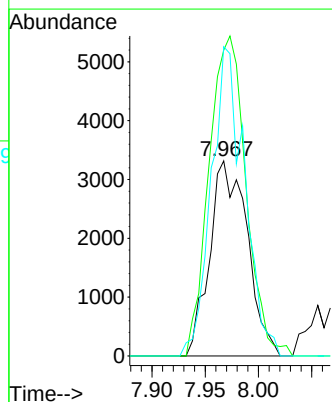
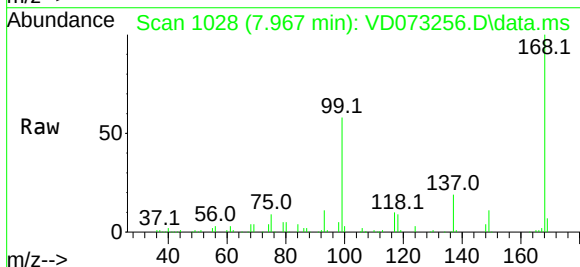
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-1824-01

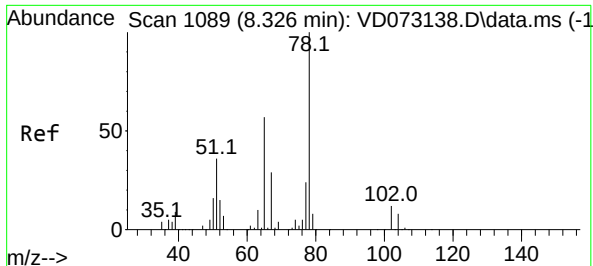
Tgt Ion: 43 Resp: 2706
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.359 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

Tgt Ion: 56 Resp: 8147
Ion Ratio Lower Upper
56 100
69 156.8 25.4 38.2#
84 158.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.015 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073256.D

Acq: 22 May 2022 05:34

Instrument :

MSVOA_D

ClientSampleId :

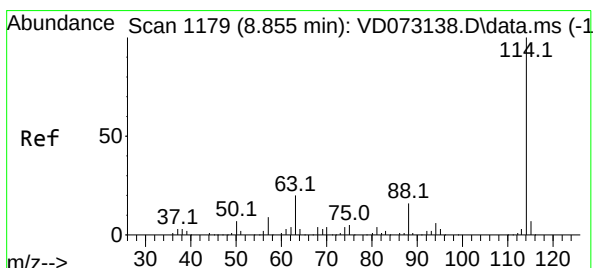
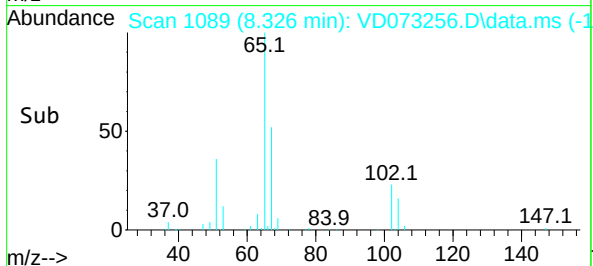
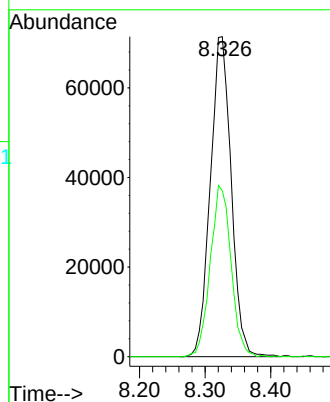
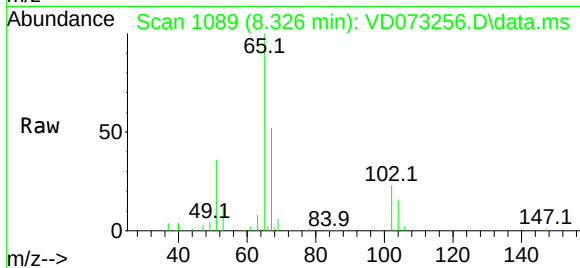
P024-SS001-1824-01

Tgt Ion: 65 Resp: 157836

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073256.D

Acq: 22 May 2022 05:34

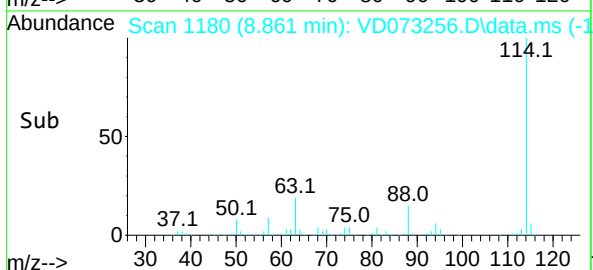
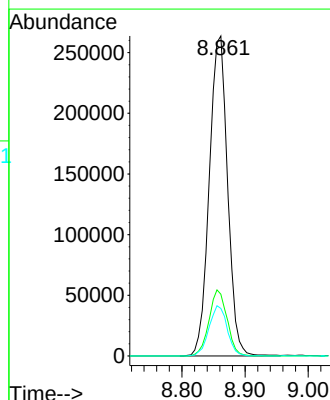
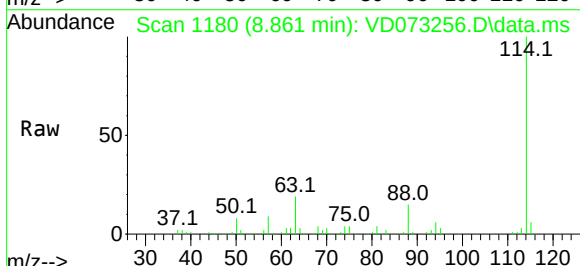
Tgt Ion: 114 Resp: 531017

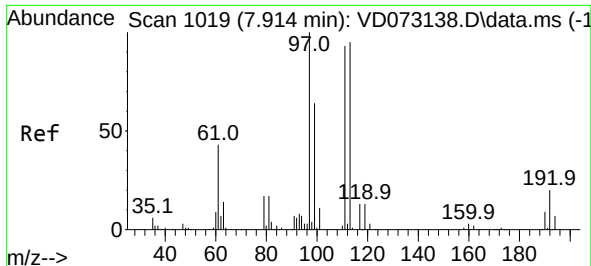
Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 14.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.889 ug/l

RT: 7.909 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD073256.D

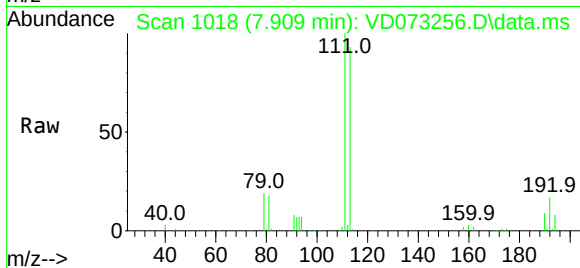
Acq: 22 May 2022 05:34

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-1824-01



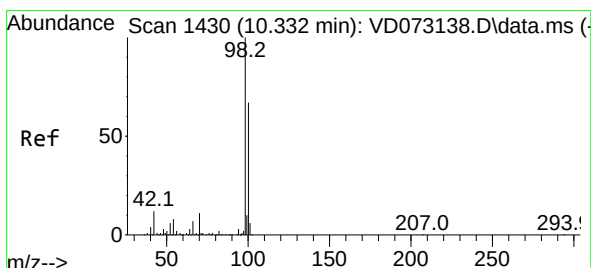
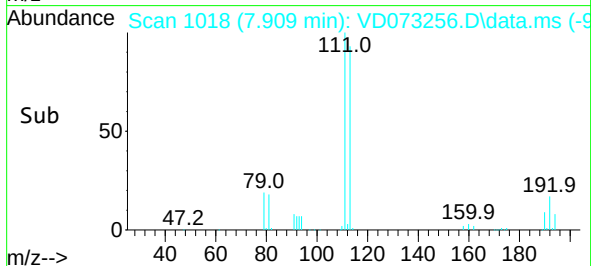
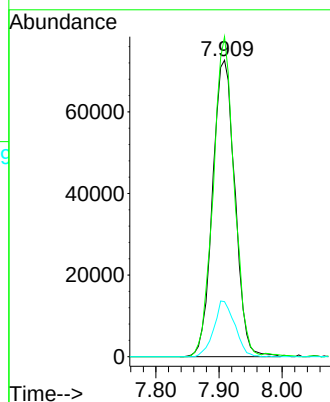
Tgt Ion:113 Resp: 178316

Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 17.6 14.6 21.8



#50

Toluene-d8

Concen: 51.124 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073256.D

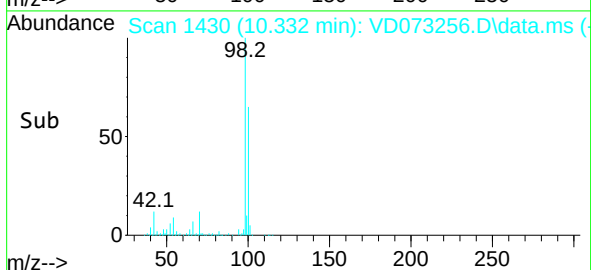
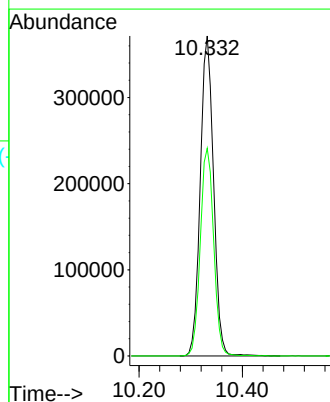
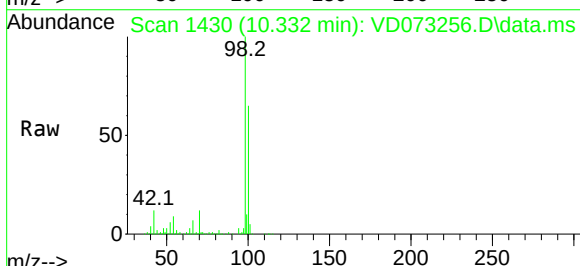
Acq: 22 May 2022 05:34

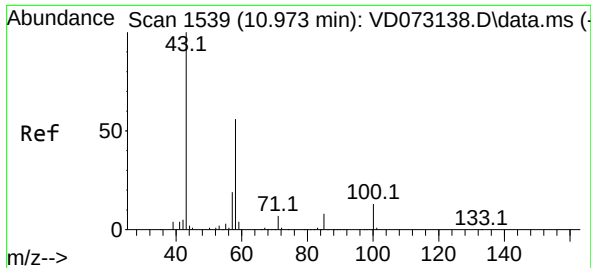
Tgt Ion: 98 Resp: 660347

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6

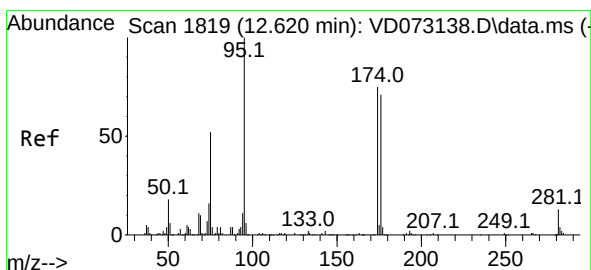
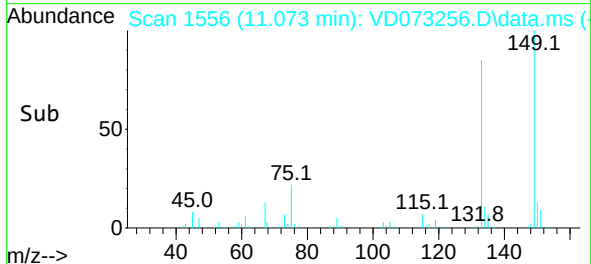
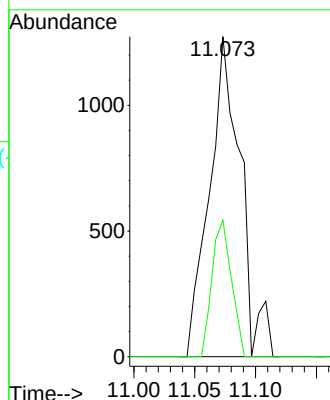
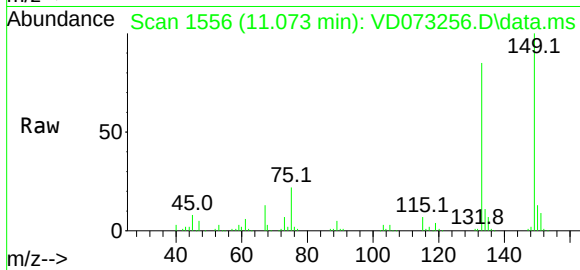




#59
2-Hexanone
Concen: 1.719 ug/l
RT: 11.073 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

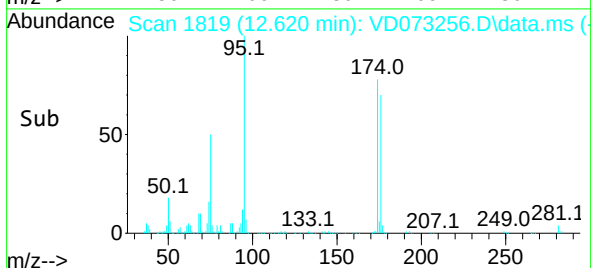
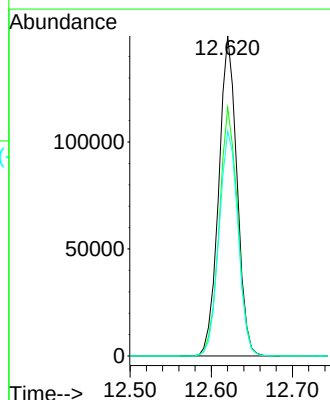
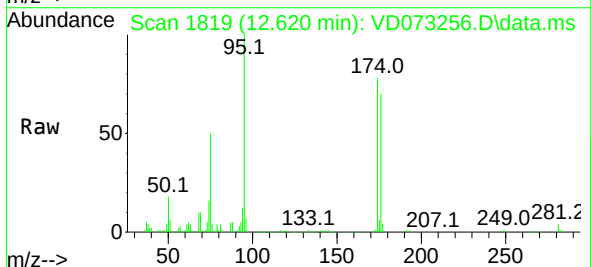
Instrument :
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P024-SS001-1824-01

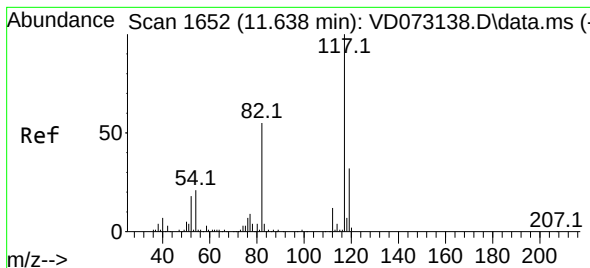
Tgt Ion: 43 Resp: 2265
Ion Ratio Lower Upper
43 100
58 26.7 25.3 75.9



#62
4-Bromofluorobenzene
Concen: 51.546 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

Tgt Ion: 95 Resp: 233659
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 73.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073256.D

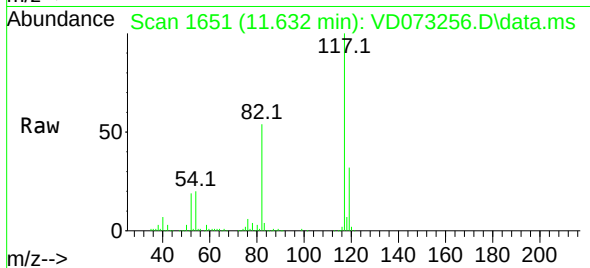
Acq: 22 May 2022 05:34

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-1824-01



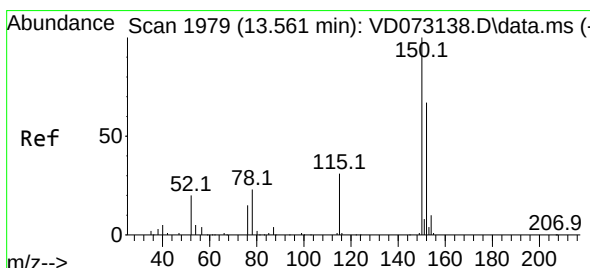
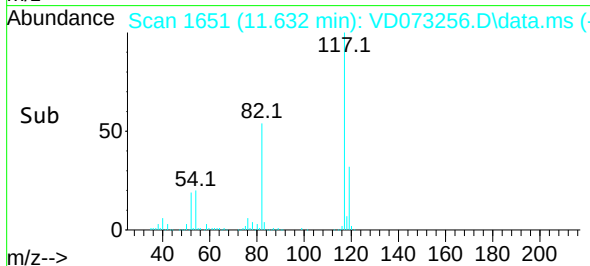
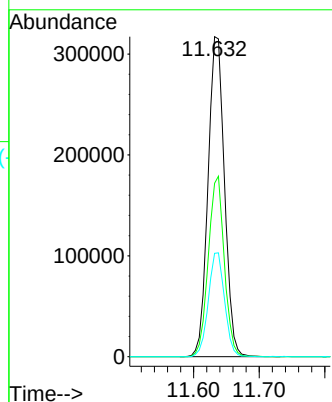
Tgt Ion:117 Resp: 553766

Ion Ratio Lower Upper

117 100

82 54.2 45.3 67.9

119 32.3 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: VD073256.D

Acq: 22 May 2022 05:34

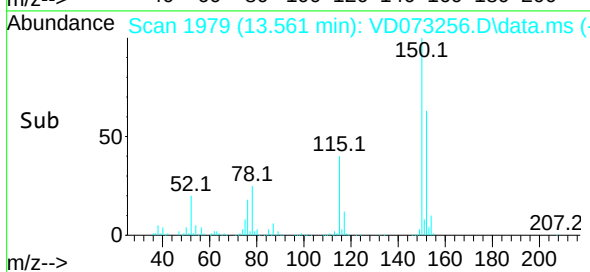
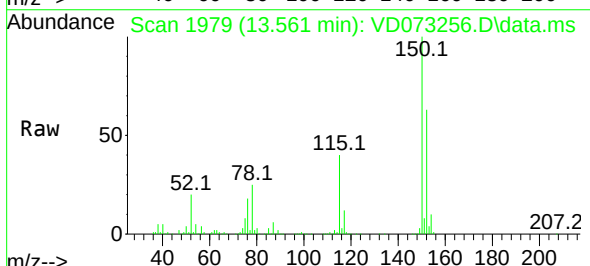
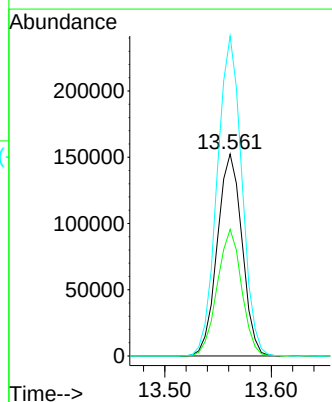
Tgt Ion:152 Resp: 245841

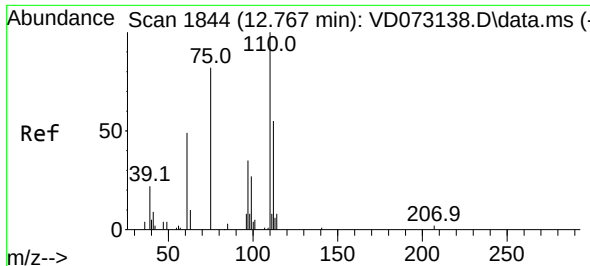
Ion Ratio Lower Upper

152 100

115 61.6 31.3 93.8

150 157.9 0.0 348.6

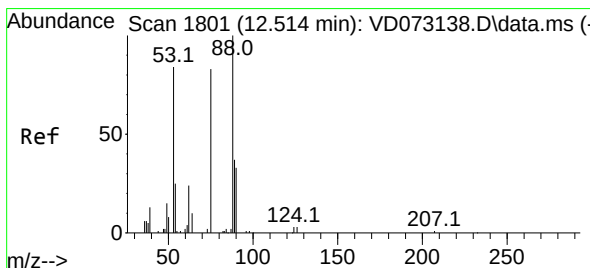
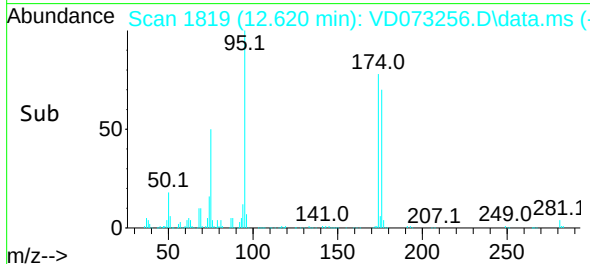
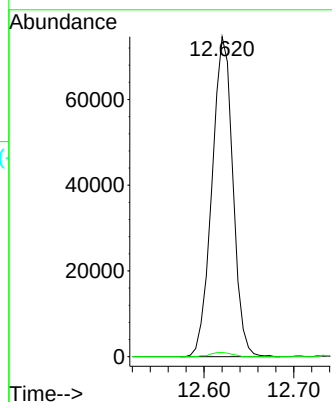
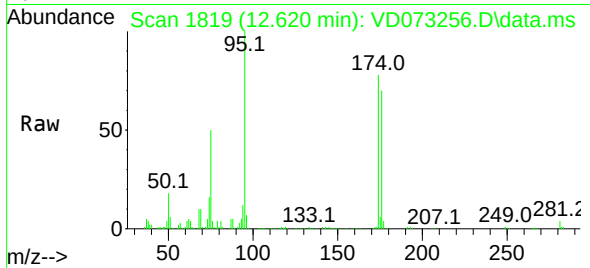




#76
1,2,3-Trichloropropane
Concen: 50.133 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

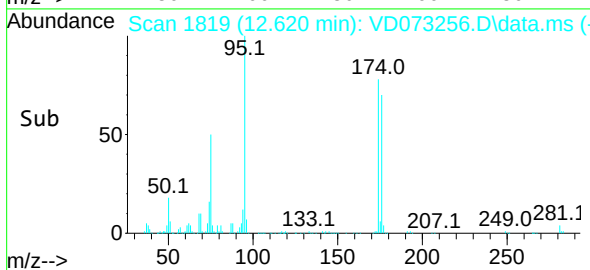
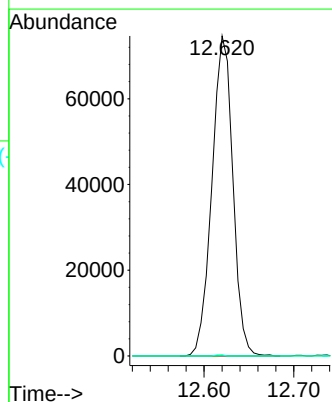
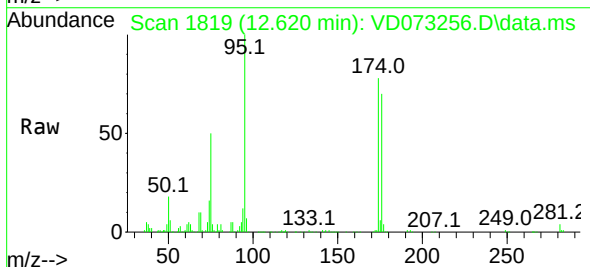
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-1824-01

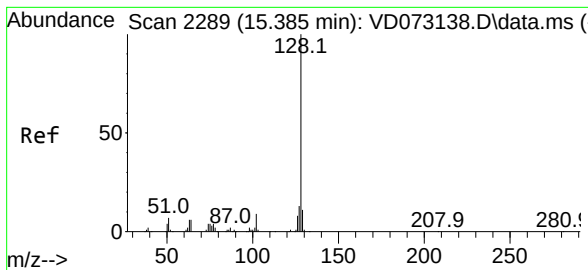
Tgt Ion: 75 Resp: 120928
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.355 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

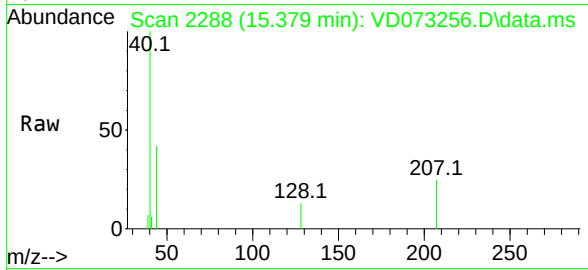
Tgt Ion: 75 Resp: 120928
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#





#95
Naphthalene
Concen: 3.608 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-1824-01



Tgt Ion:	128	Resp:	576
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

