

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073350.D
 Acq On : 25 May 2022 04:44
 Operator : VA/SY
 Sample : N2886-06
 Misc : 5.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P020-SS001-1824-01

Quant Time: May 25 05:34:36 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)

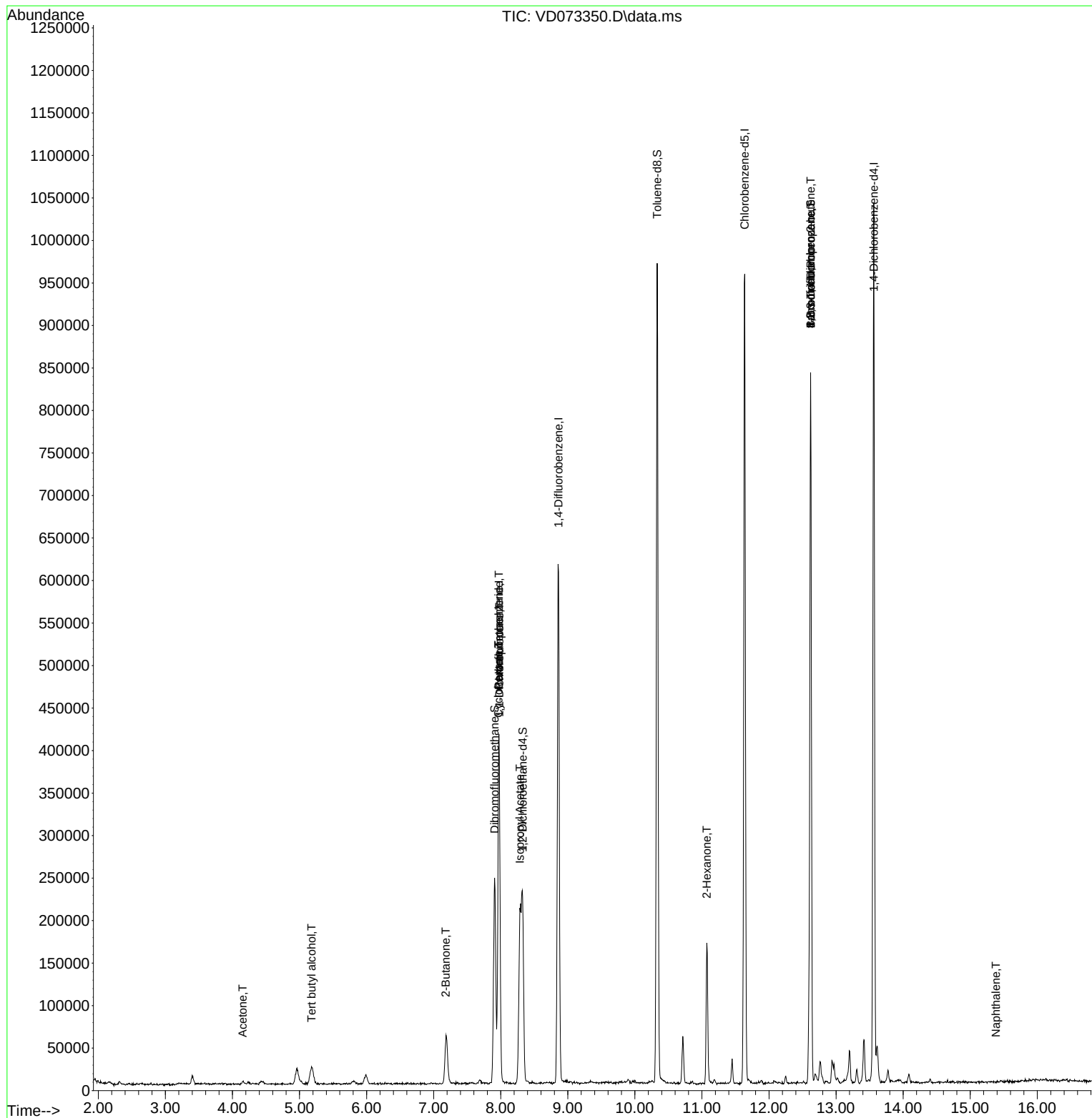
Internal Standards						
1) Pentafluorobenzene	7.973	168	292328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	527439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	555687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165725	51.298	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.600%			
35) Dibromofluoromethane	7.909	113	175042	50.294	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.580%			
50) Toluene-d8	10.332	98	647966	50.506	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.020%			
62) 4-Bromofluorobenzene	12.620	95	258508	57.415	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.840%			
Target Compounds					Qvalue	
5) Bromomethane	2.779	94	695	Below Cal		95
11) Tert butyl alcohol	5.179	59	18573	37.055 ug/l #		74
16) Acetone	4.150	43	5436	9.714 ug/l		98
20) Methylene Chloride	4.962	84	13525	Below Cal #		82
25) 2-Butanone	7.179	43	1665	2.034 ug/l		93
31) Cyclohexane	7.967	56	6575	1.165 ug/l #		1
36) 1,1-Dichloropropene	7.979	75	23588	4.506 ug/l #		52
38) Carbon Tetrachloride	7.973	117	30763	5.798 ug/l #		15
43) Isopropyl Acetate	8.285	43	4823	1.262 ug/l #		2
59) 2-Hexanone	11.073	43	1849	1.413 ug/l #		62
71) Bromoform	12.620	173	2876	1.322 ug/l #		1
76) 1,2,3-Trichloropropane	12.620	75	133140	50.630 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	133140	121.547 ug/l #		7
95) Naphthalene	15.385	128	379	3.582 ug/l #		70

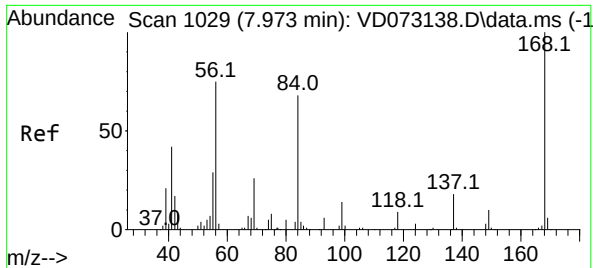
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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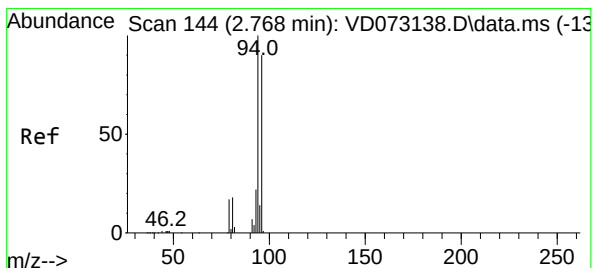
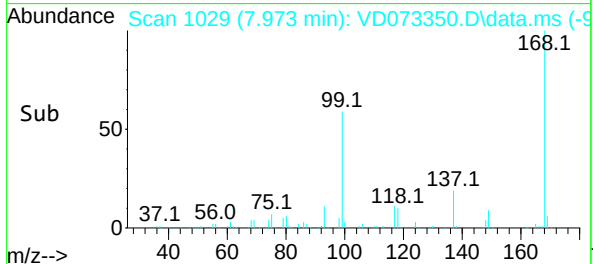
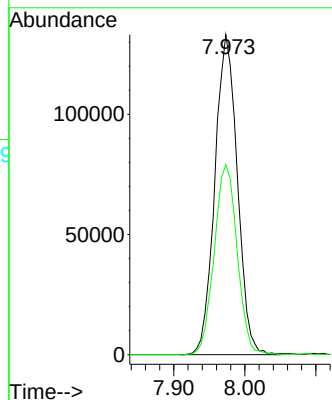
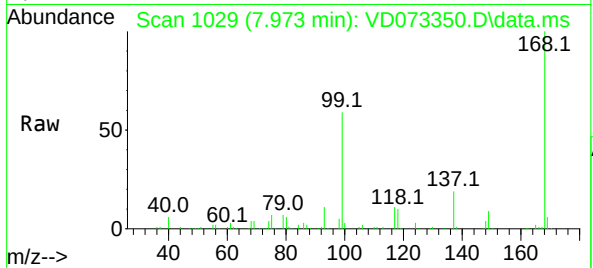




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

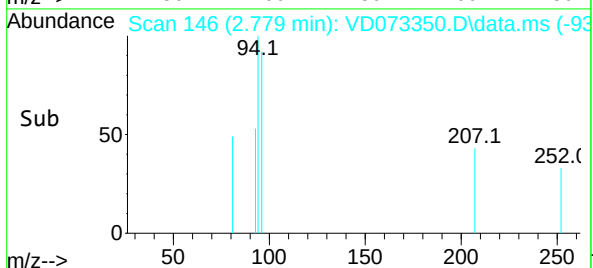
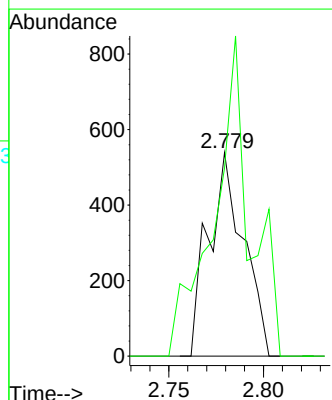
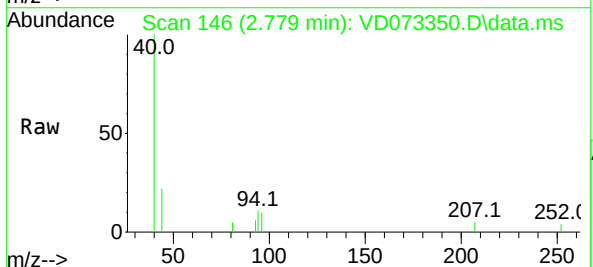
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1824-01

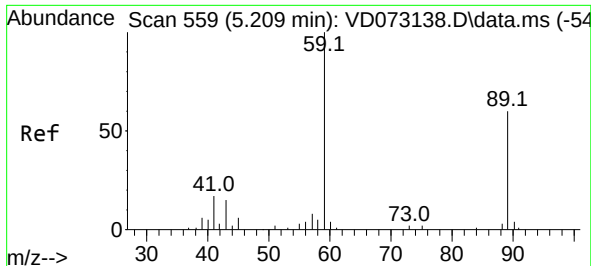
Tgt Ion:168 Resp: 292328
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

Tgt Ion: 94 Resp: 695
Ion Ratio Lower Upper
94 100
96 92.4 77.6 116.4

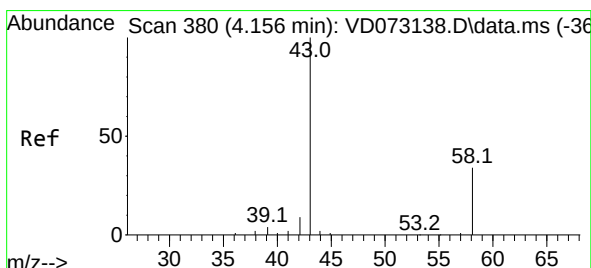
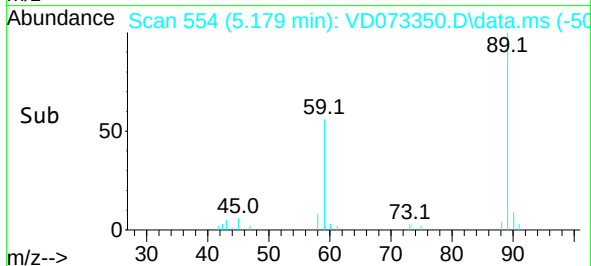
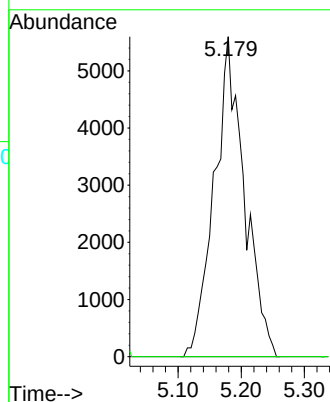
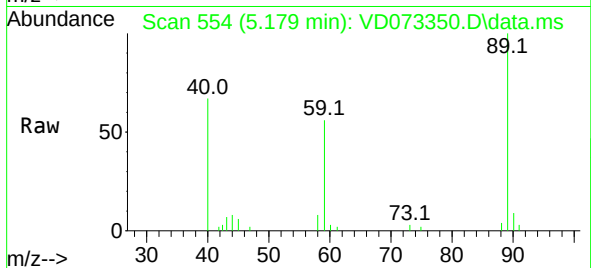




#11
Tert butyl alcohol
Concen: 37.055 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

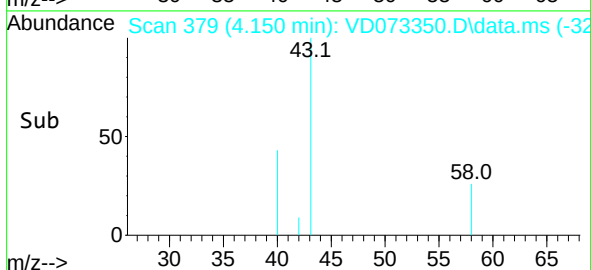
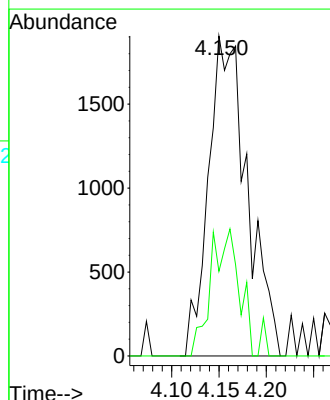
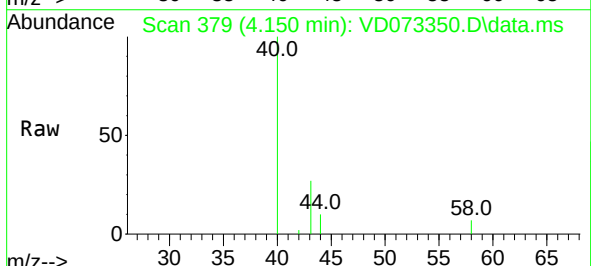
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1824-01

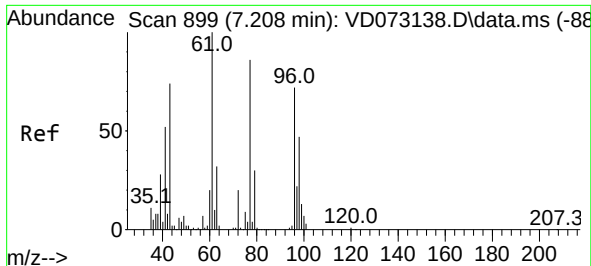
Tgt Ion: 59 Resp: 18573
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 9.714 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

Tgt Ion: 43 Resp: 5436
Ion Ratio Lower Upper
43 100
58 26.4 22.1 33.1

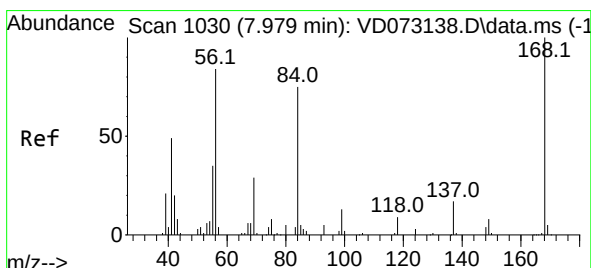
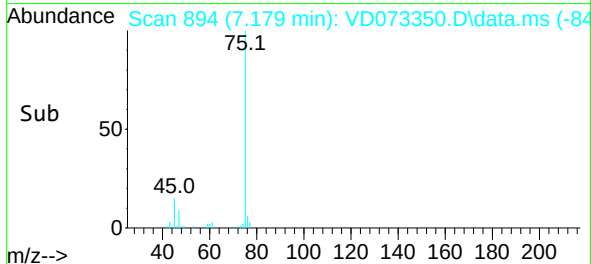
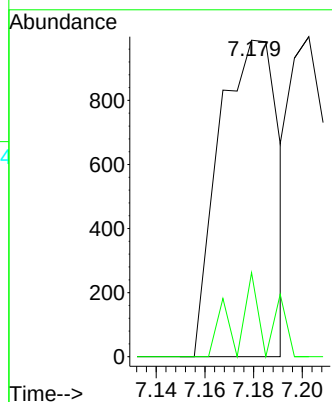
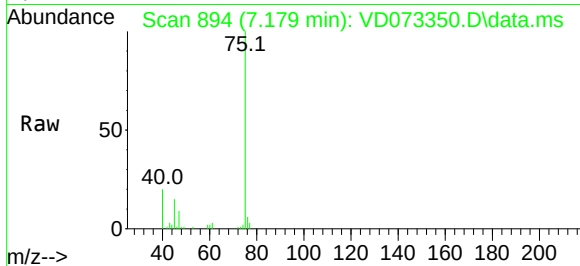




#25
2-Butanone
Concen: 2.034 ug/l
RT: 7.179 min Scan# 899
Delta R.T. -0.029 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

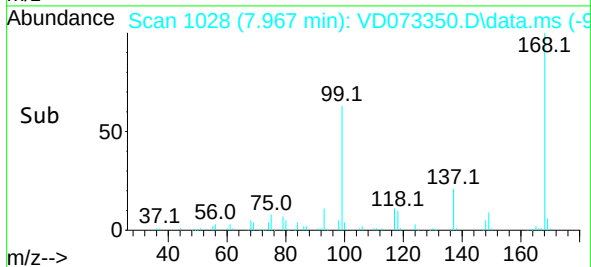
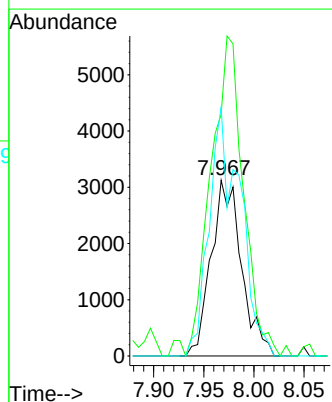
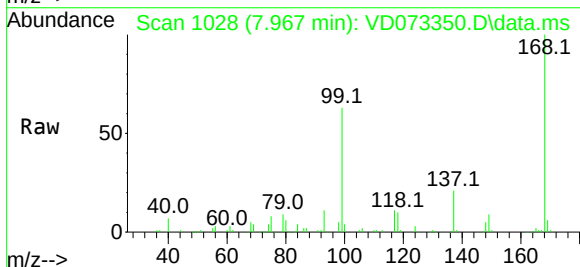
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1824-01

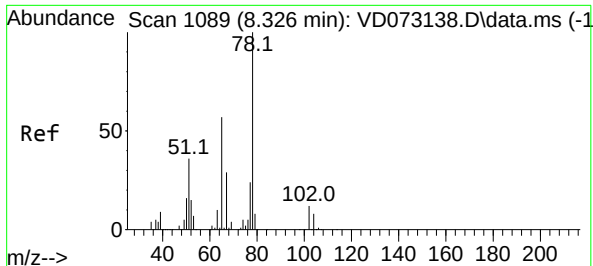
Tgt Ion: 43 Resp: 1665
Ion Ratio Lower Upper
43 100
72 26.5 18.6 27.8



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

Tgt Ion: 56 Resp: 6575
Ion Ratio Lower Upper
56 100
69 137.6 25.4 38.2#
84 141.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.298 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073350.D

Acq: 25 May 2022 04:44

Instrument :

MSVOA_D

ClientSampleId :

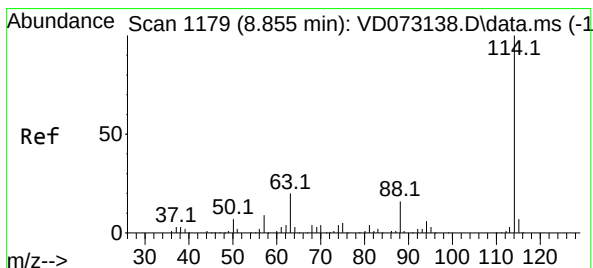
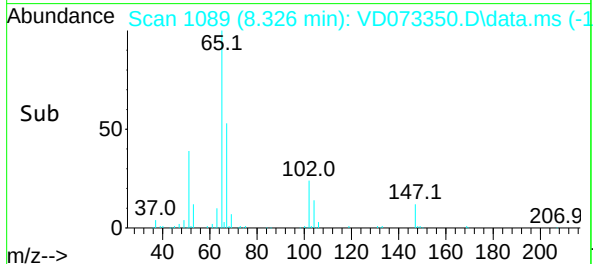
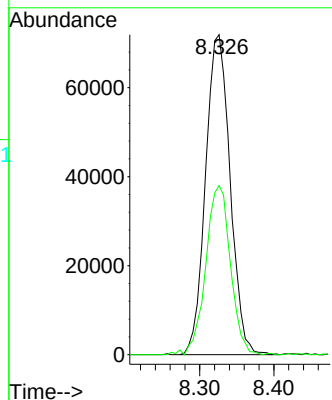
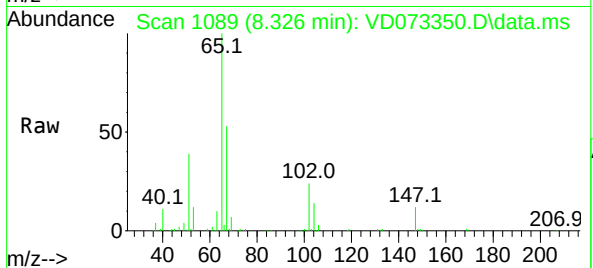
P020-SS001-1824-01

Tgt Ion: 65 Resp: 165725

Ion Ratio Lower Upper

65 100

67 53.0 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: VD073350.D

Acq: 25 May 2022 04:44

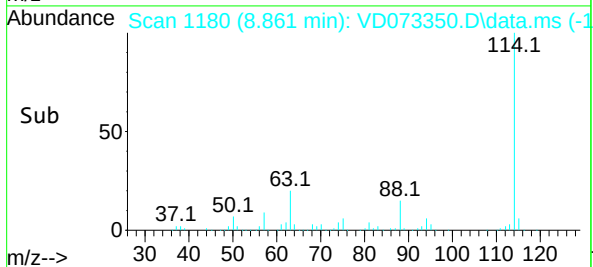
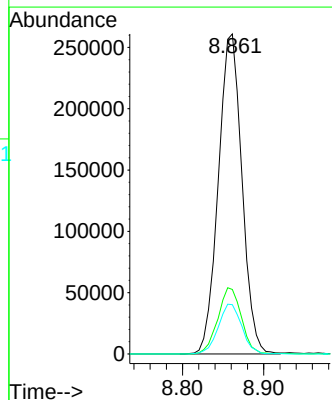
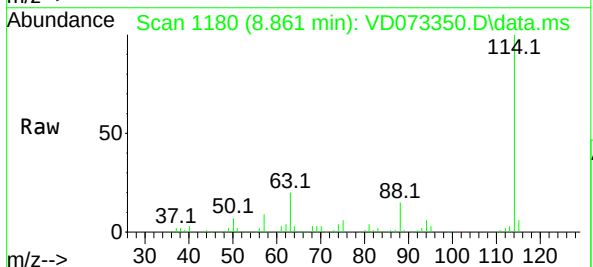
Tgt Ion: 114 Resp: 527439

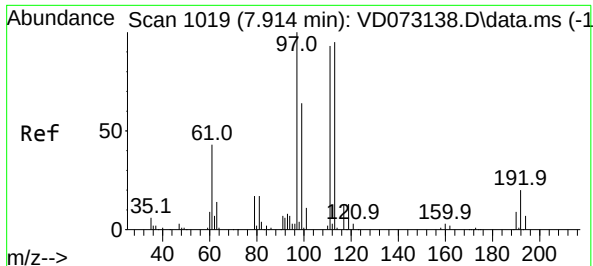
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.294 ug/l

RT: 7.909 min Scan# 1030

Delta R.T. -0.005 min

Lab File: VD073350.D

Acq: 25 May 2022 04:44

Instrument :

MSVOA_D

ClientSampleId :

P020-SS001-1824-01

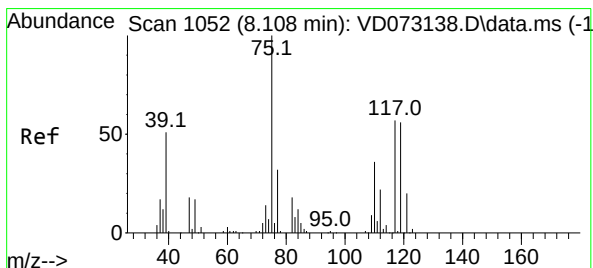
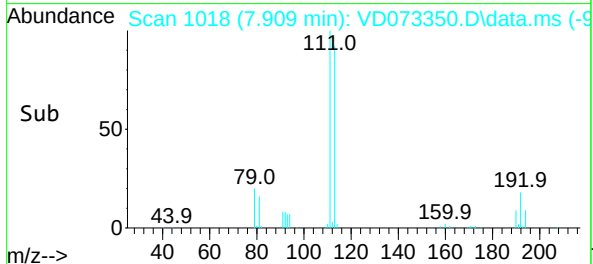
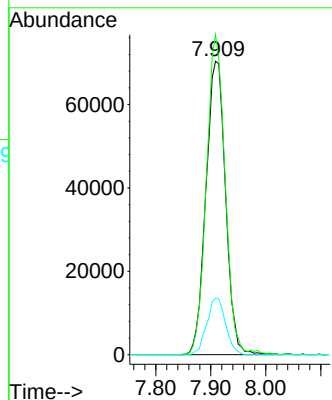
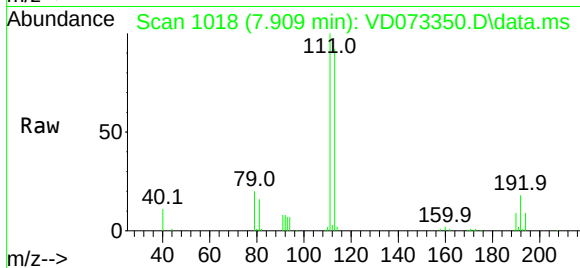
Tgt Ion:113 Resp: 175042

Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.506 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD073350.D

Acq: 25 May 2022 04:44

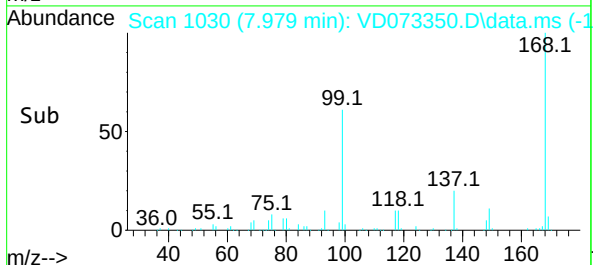
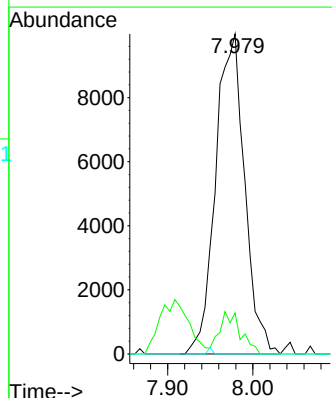
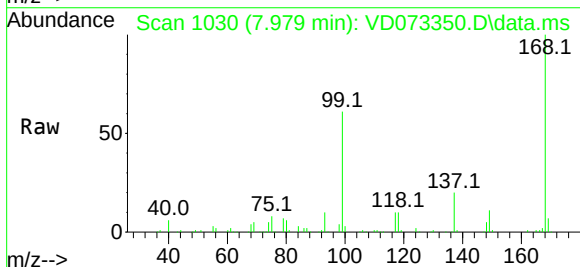
Tgt Ion: 75 Resp: 23588

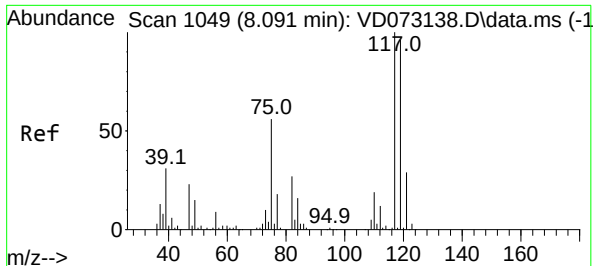
Ion Ratio Lower Upper

75 100

110 9.6 16.4 49.1#

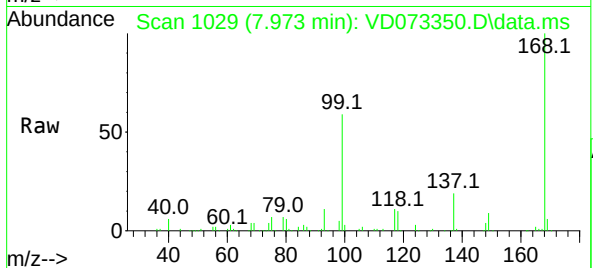
77 0.0 24.2 36.2#



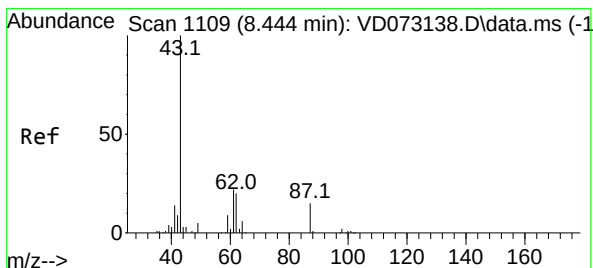
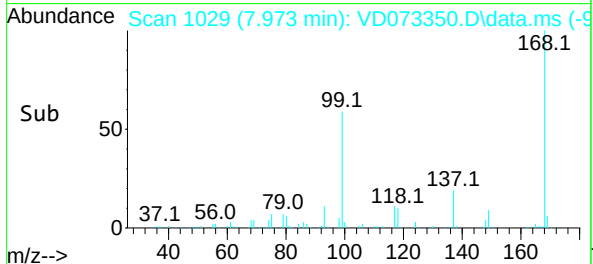
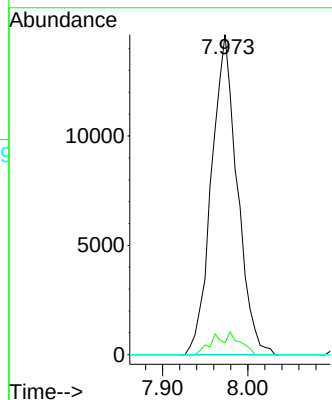


#38
Carbon Tetrachloride
Concen: 5.798 ug/l
RT: 7.973 min Scan# 1082
Delta R.T. -0.118 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1824-01

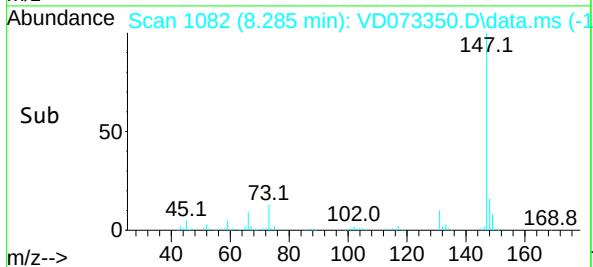
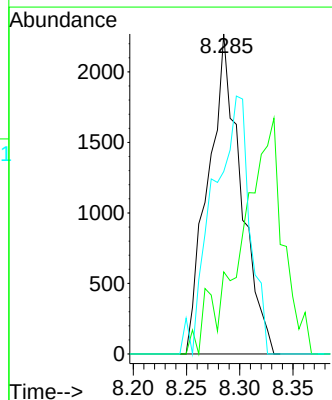
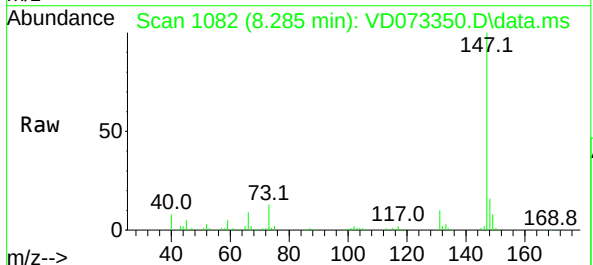


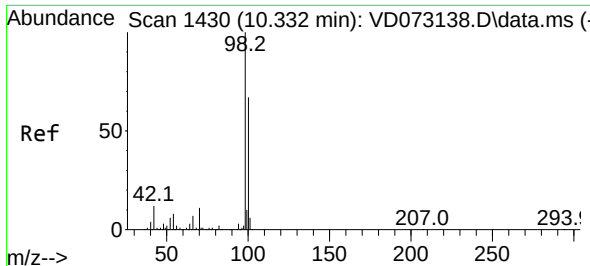
Tgt Ion: 117 Resp: 30763
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.6#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 1.262 ug/l
RT: 8.285 min Scan# 1082
Delta R.T. -0.159 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

Tgt Ion: 43 Resp: 4823
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 90.9 8.7 13.1#

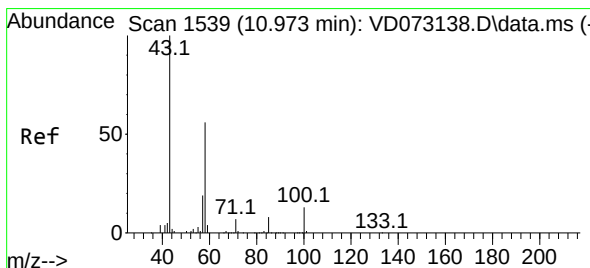
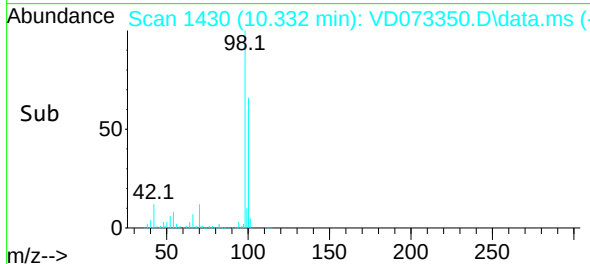
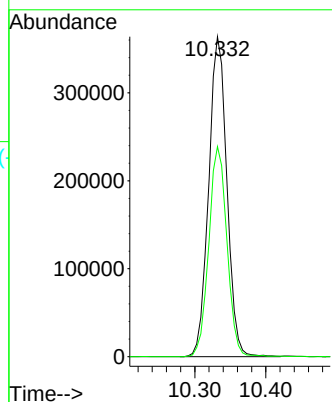
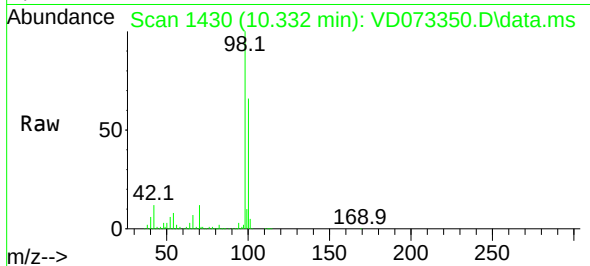




#50
Toluene-d8
Concen: 50.506 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

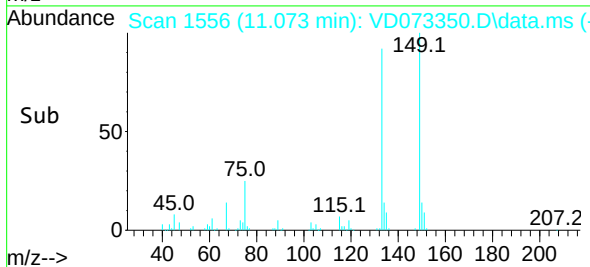
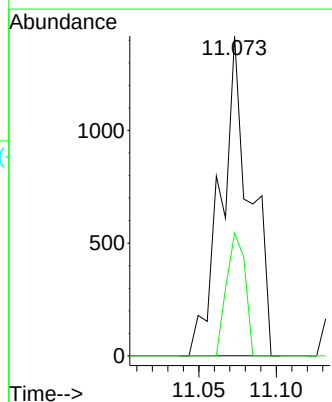
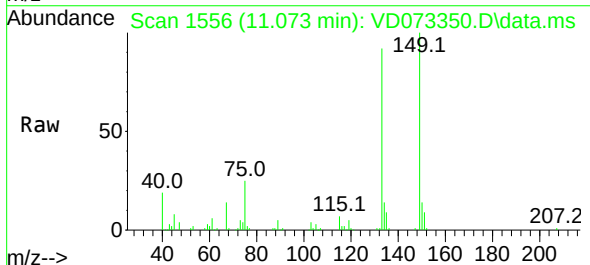
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1824-01

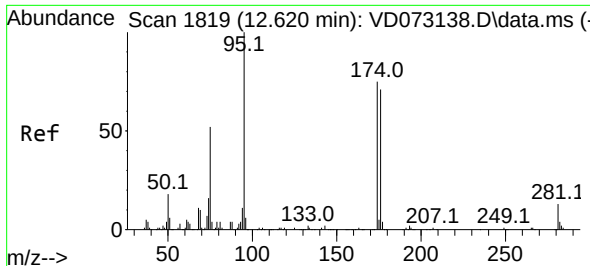
Tgt Ion: 98 Resp: 647966
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#59
2-Hexanone
Concen: 1.413 ug/l
RT: 11.073 min Scan# 1556
Delta R.T. 0.100 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

Tgt Ion: 43 Resp: 1849
Ion Ratio Lower Upper
43 100
58 24.4 25.3 75.9#

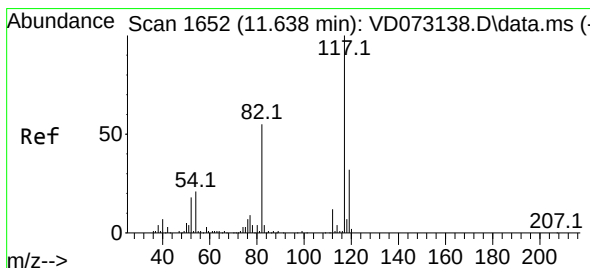
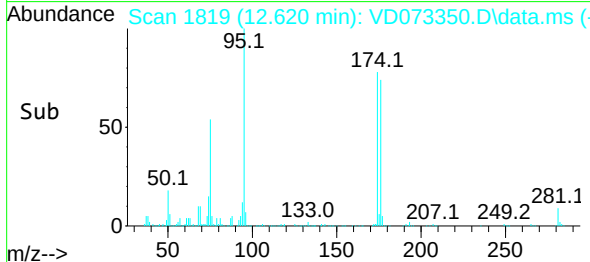
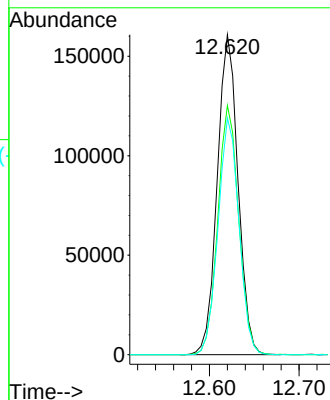
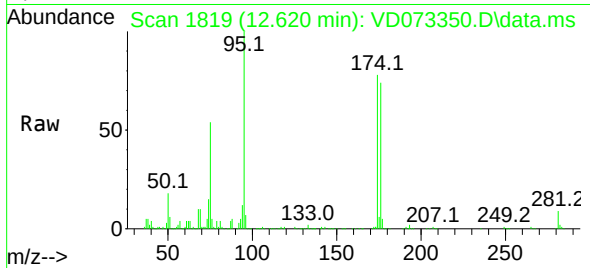




#62
4-Bromofluorobenzene
Concen: 57.415 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

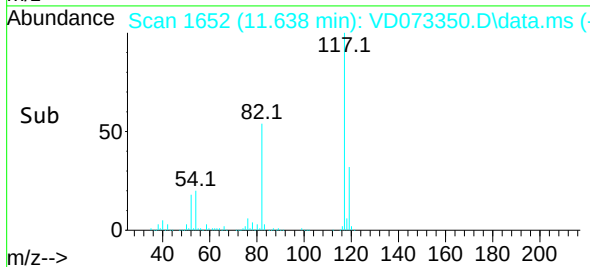
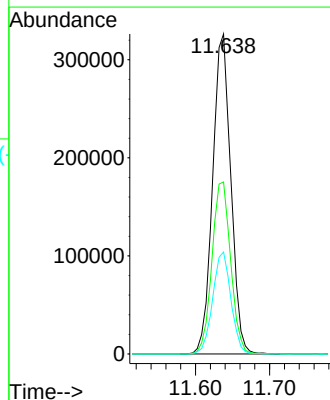
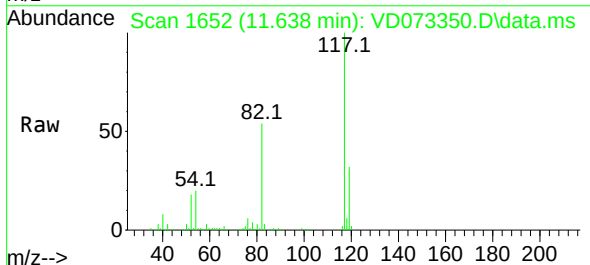
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1824-01

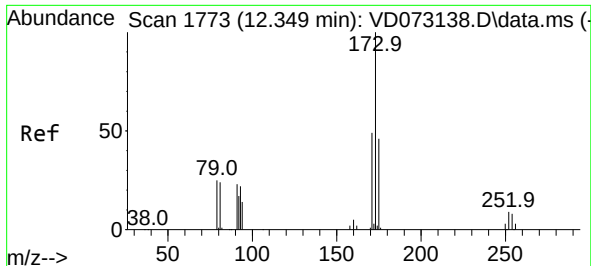
Tgt Ion: 95 Resp: 258508
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 74.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

Tgt Ion: 117 Resp: 555687
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 31.9 26.6 40.0

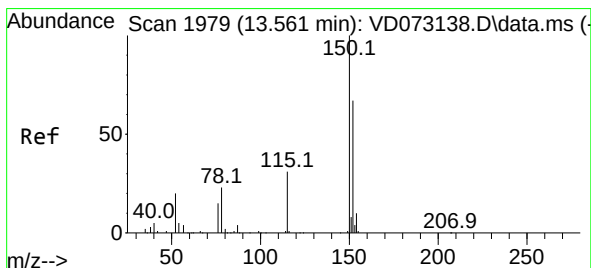
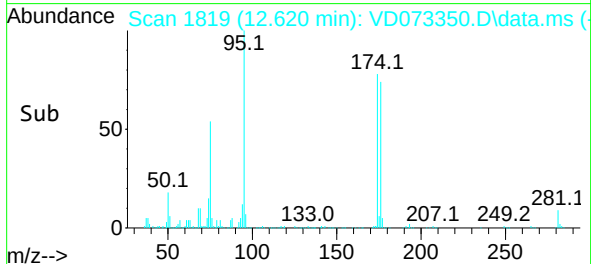
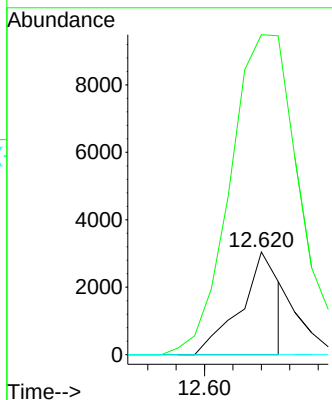
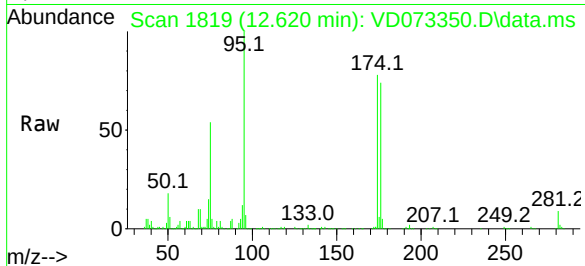




#71
Bromoform
Concen: 1.322 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

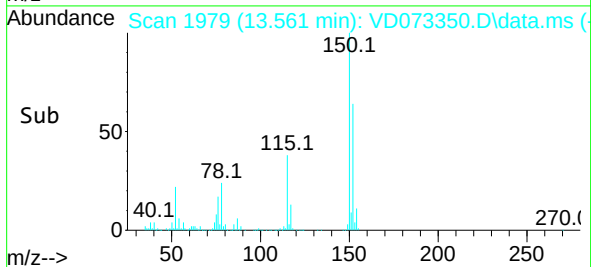
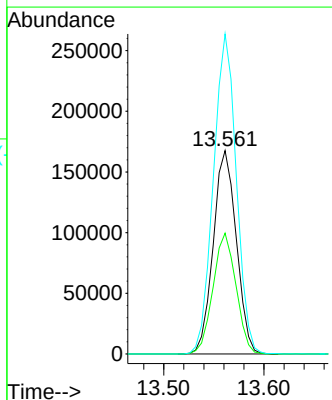
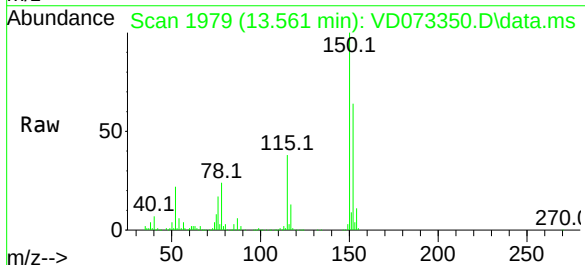
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1824-01

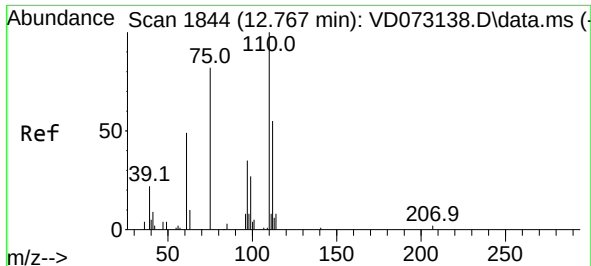
Tgt Ion:173 Resp: 2876
Ion Ratio Lower Upper
173 100
175 426.9 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

Tgt Ion:152 Resp: 268013
Ion Ratio Lower Upper
152 100
115 59.1 31.3 93.8
150 156.4 0.0 348.6

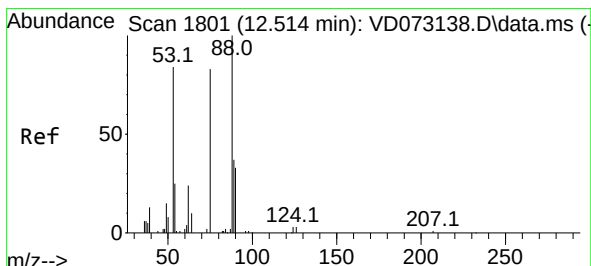
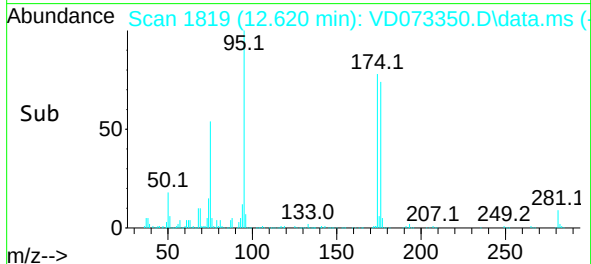
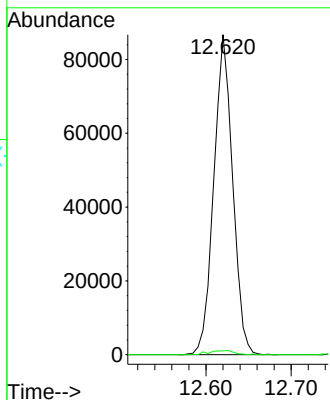
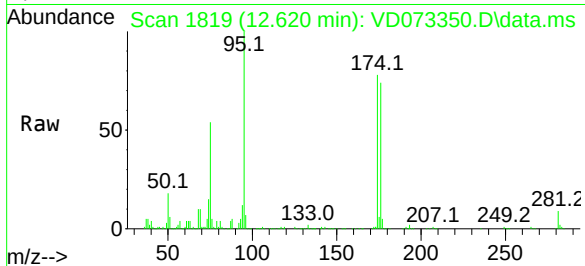




#76
1,2,3-Trichloropropane
Concen: 50.630 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

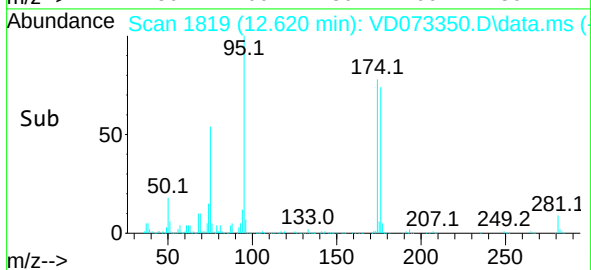
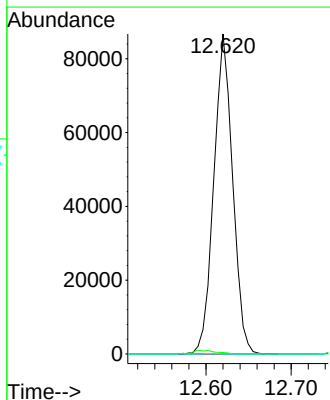
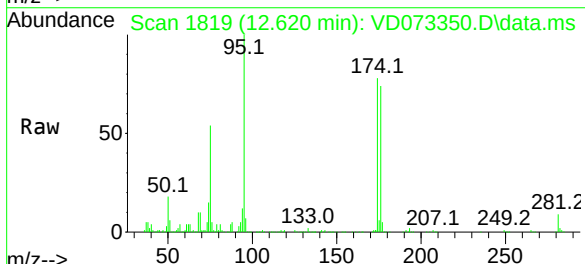
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1824-01

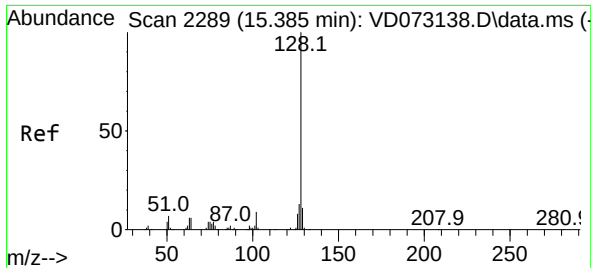
Tgt Ion: 75 Resp: 133140
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.547 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073350.D
Acq: 25 May 2022 04:44

Tgt Ion: 75 Resp: 133140
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 3.582 ug/l

RT: 15.385 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD073350.D

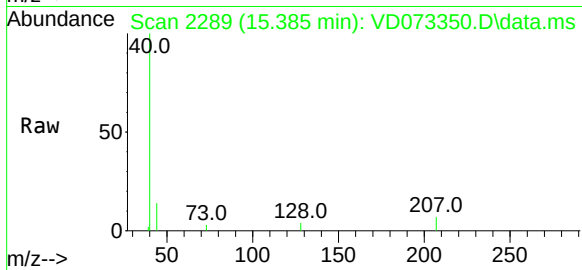
Acq: 25 May 2022 04:44

Instrument :

MSVOA_D

ClientSampleId :

P020-SS001-1824-01



Tgt Ion:	128	Resp:	379
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

