

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073183.D
 Acq On : 20 May 2022 13:55
 Operator : VA/SY
 Sample : N2842-25
 Misc : 6.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P025-SS001-1824-01

Quant Time: May 20 14:25:21 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)

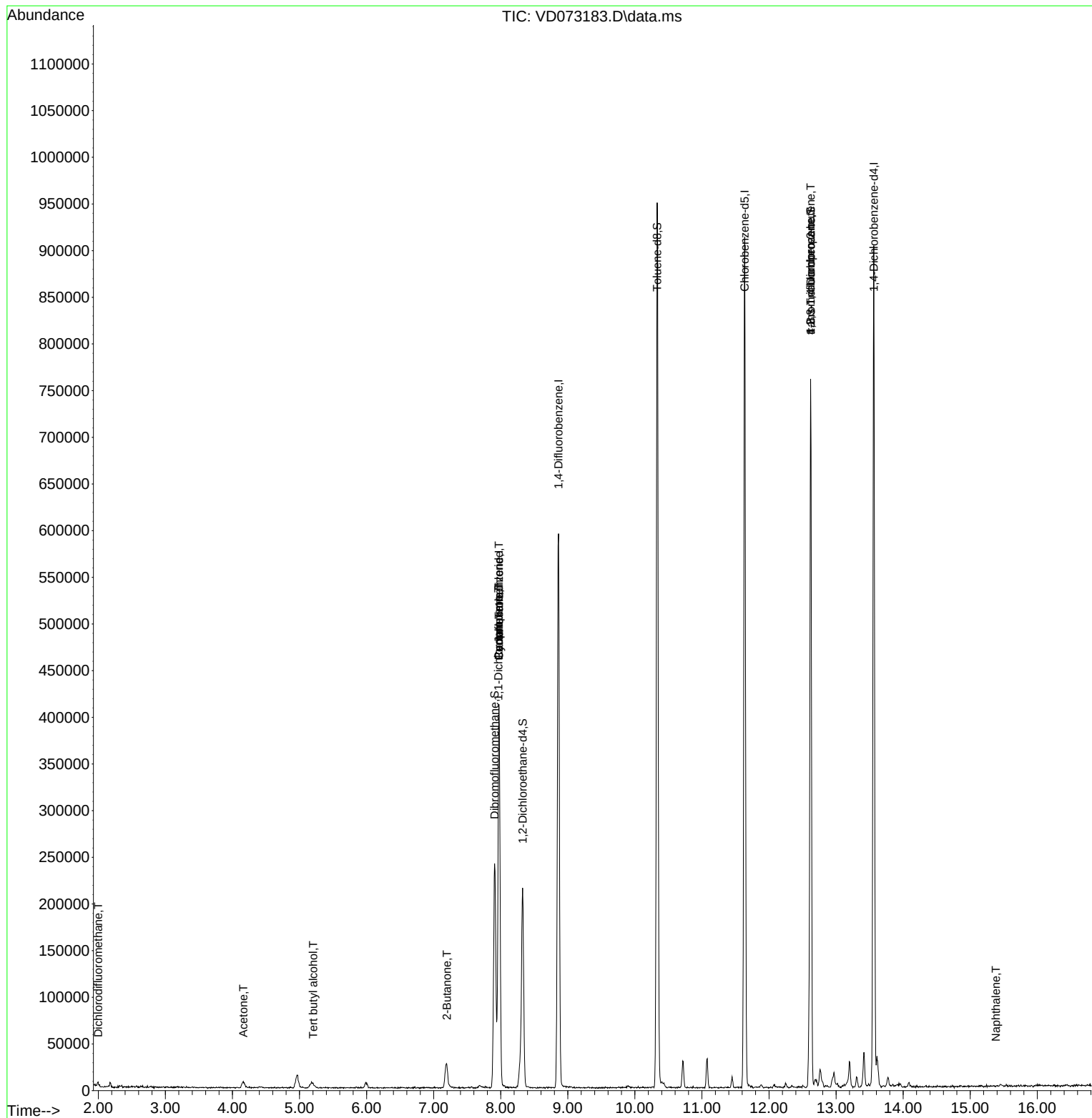
Internal Standards						
1) Pentafluorobenzene	7.973	168	286182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	518159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	531621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	238454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165504	52.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.660%	
35) Dibromofluoromethane	7.908	113	173887	50.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.720%	
50) Toluene-d8	10.332	98	645153	51.187	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.620	95	237642	53.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.460%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.997	85	4054	1.418	ug/l	97
5) Bromomethane	2.768	94	241	Below Cal		88
11) Tert butyl alcohol	5.203	59	3356	6.839	ug/l #	79
16) Acetone	4.162	43	11808	21.555	ug/l #	86
20) Methylene Chloride	4.962	84	10906	Below Cal		88
25) 2-Butanone	7.197	43	1579	1.970	ug/l #	75
31) Cyclohexane	7.973	56	6907	1.250	ug/l #	15
36) 1,1-Dichloropropene	7.967	75	22972	4.467	ug/l #	51
38) Carbon Tetrachloride	7.973	117	29574	5.673	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	120279	51.409	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	120279	123.417	ug/l #	7
95) Naphthalene	15.385	128	75	3.550	ug/l #	70

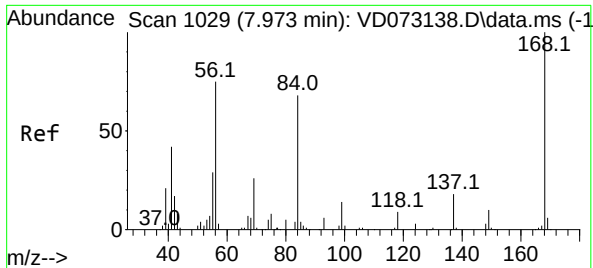
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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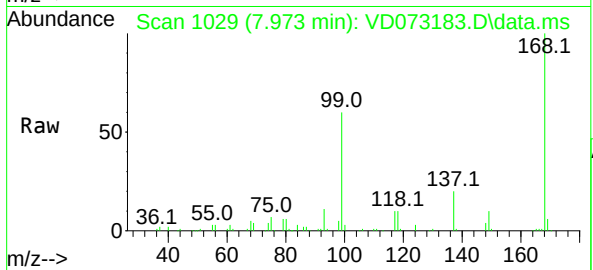
Quant Time: May 20 14:25:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



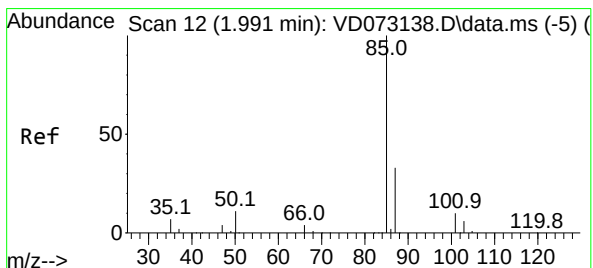
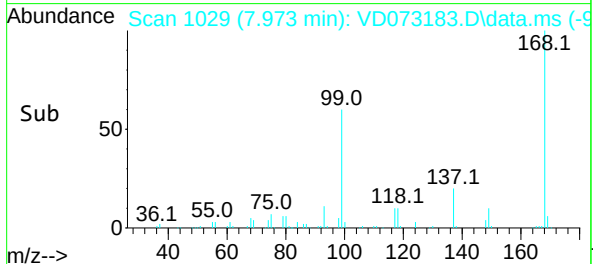
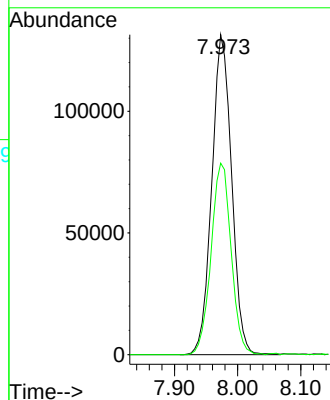


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073183.D
Acq: 20 May 2022 13:55

Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-1824-01

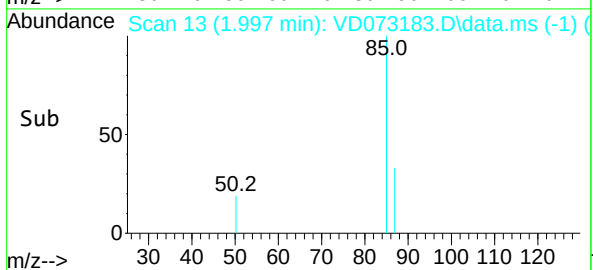
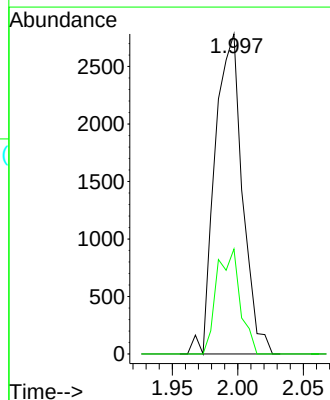
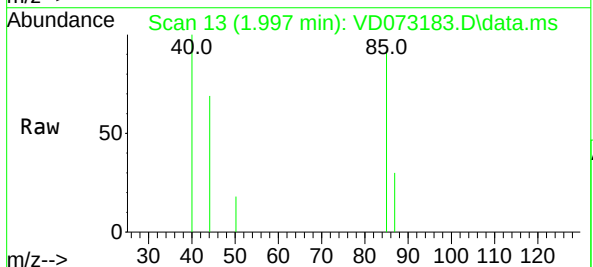


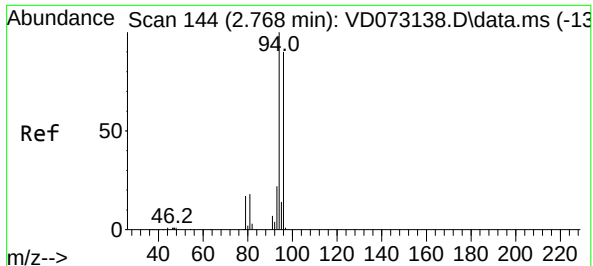
Tgt Ion:168 Resp: 286182
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.418 ug/l
RT: 1.997 min Scan# 13
Delta R.T. 0.006 min
Lab File: VD073183.D
Acq: 20 May 2022 13:55

Tgt Ion: 85 Resp: 4054
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0

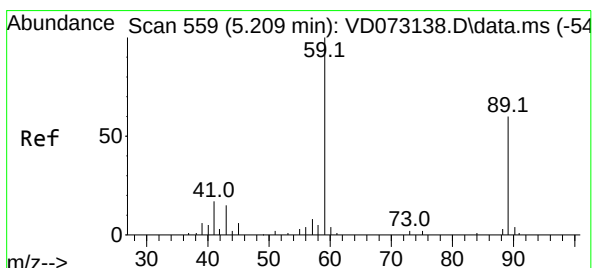
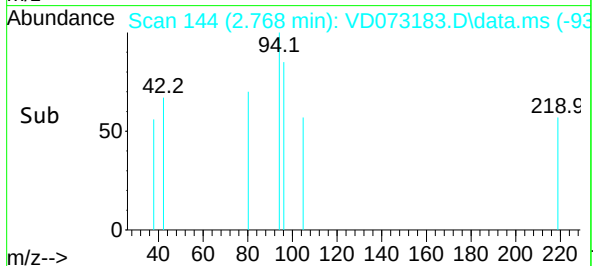
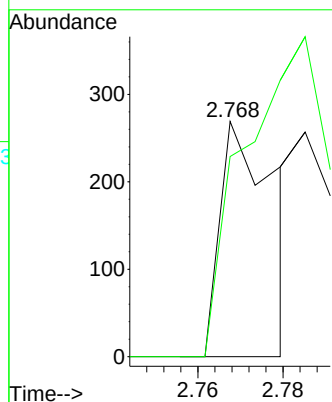
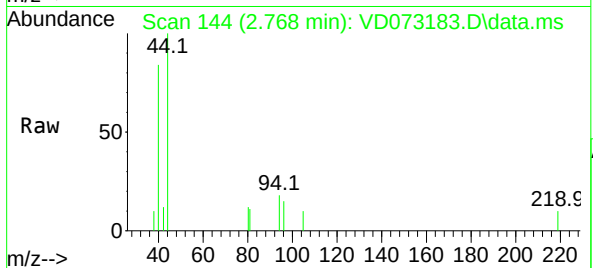




#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD073138.D
Acq: 20 May 2022 13:55

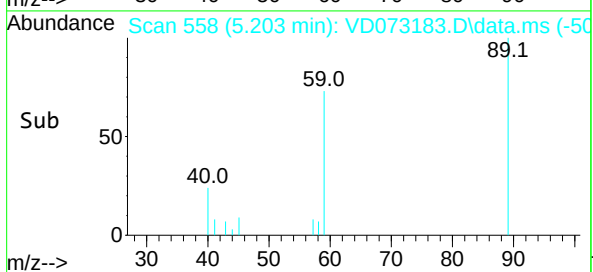
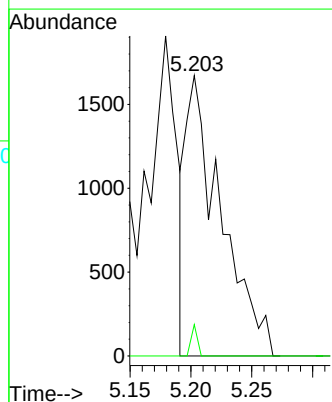
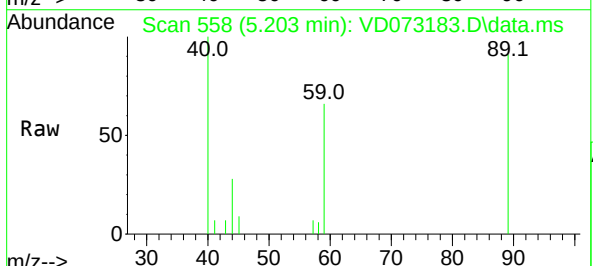
Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-1824-01

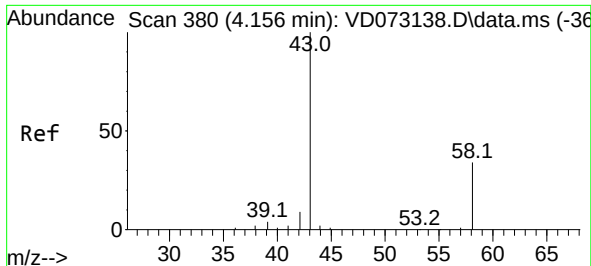
Tgt Ion: 94 Resp: 241
Ion Ratio Lower Upper
94 100
96 85.1 77.6 116.4



#11
Tert butyl alcohol
Concen: 6.839 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.006 min
Lab File: VD073138.D
Acq: 20 May 2022 13:55

Tgt Ion: 59 Resp: 3356
Ion Ratio Lower Upper
59 100
57 2.0 7.8 11.6#

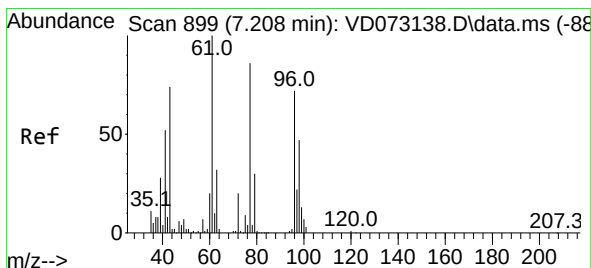
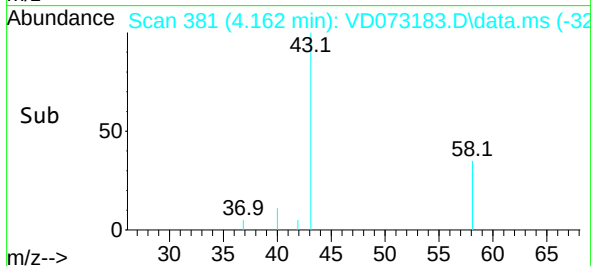
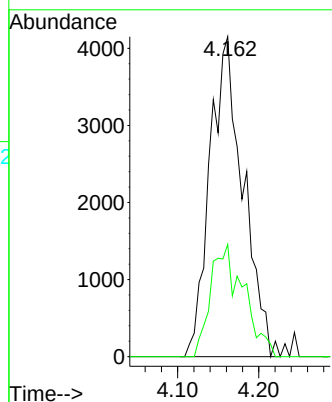
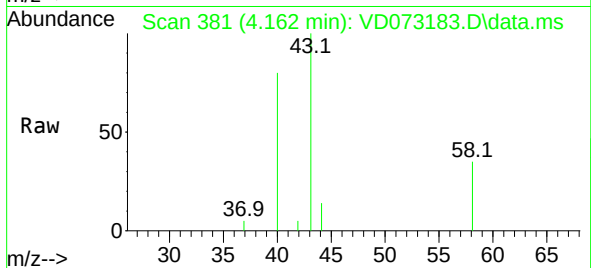




#16
Acetone
Concen: 21.555 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073183.D
Acq: 20 May 2022 13:55

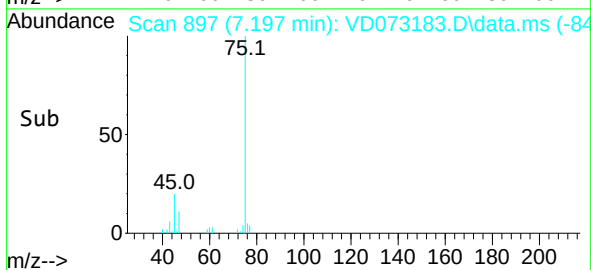
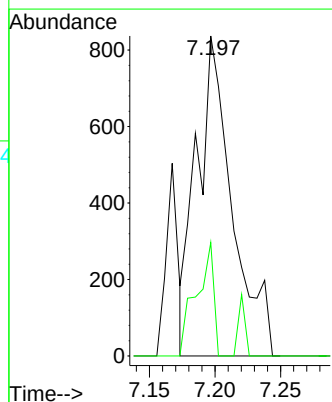
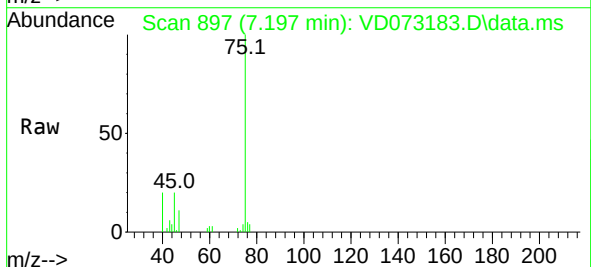
Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-1824-01

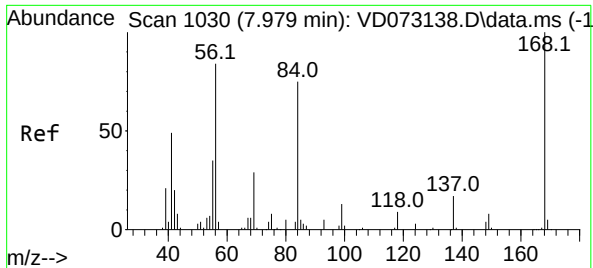
Tgt Ion: 43 Resp: 11808
Ion Ratio Lower Upper
43 100
58 35.1 22.1 33.1#



#25
2-Butanone
Concen: 1.970 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073183.D
Acq: 20 May 2022 13:55

Tgt Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
72 35.5 18.6 27.8#

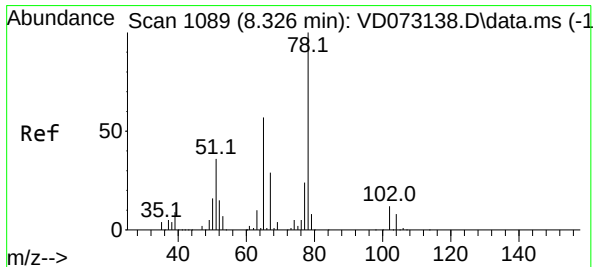
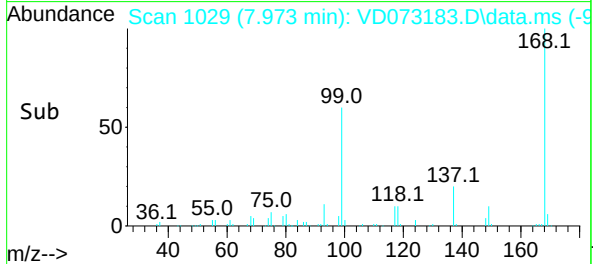
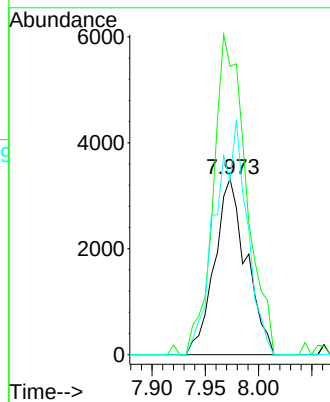
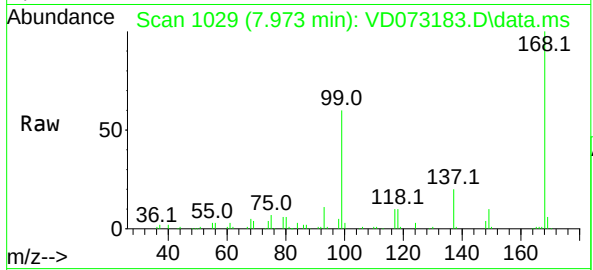




#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073183.D
Acq: 20 May 2022 13:55

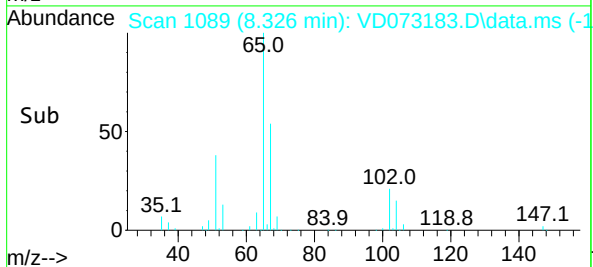
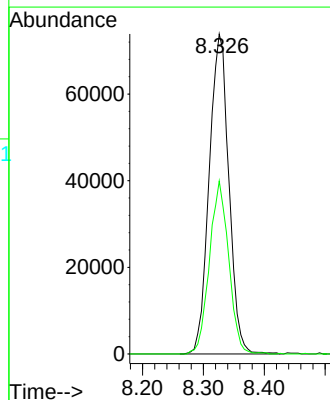
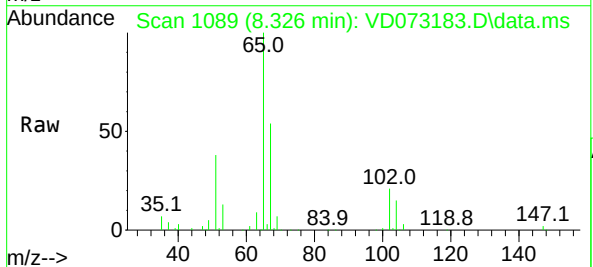
Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-1824-01

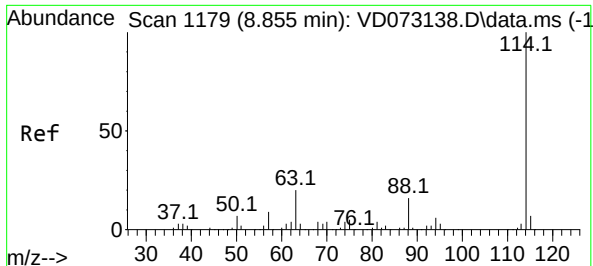
Tgt Ion: 56 Resp: 6907
Ion Ratio Lower Upper
56 100
69 163.9 25.4 38.2#
84 98.9 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 52.330 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073183.D
Acq: 20 May 2022 13:55

Tgt Ion: 65 Resp: 165504
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073183.D

Acq: 20 May 2022 13:55

Instrument :

MSVOA_D

ClientSampleId :

P025-SS001-1824-01

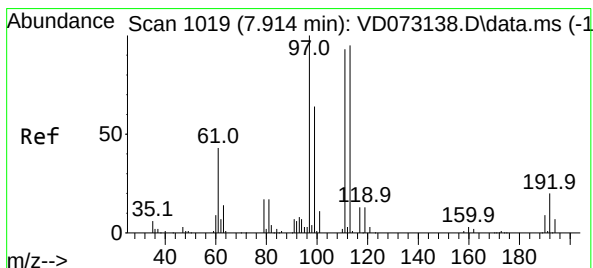
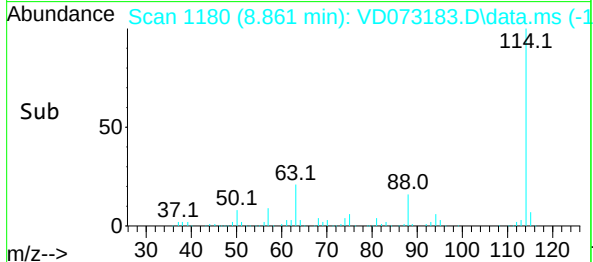
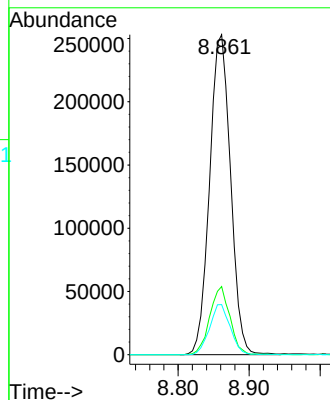
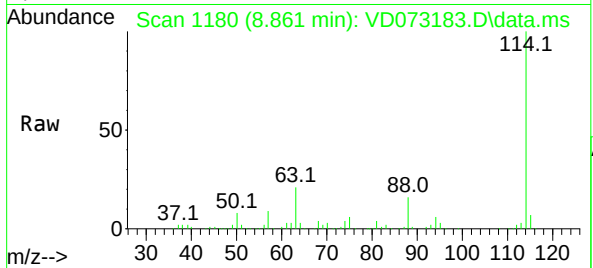
Tgt Ion:114 Resp: 518159

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.857 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073183.D

Acq: 20 May 2022 13:55

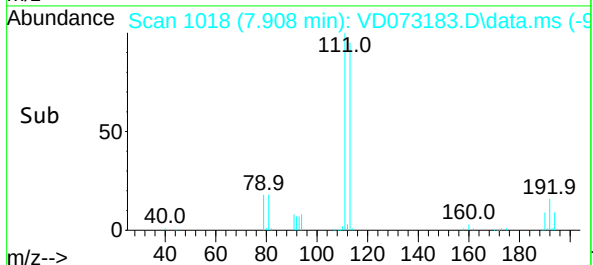
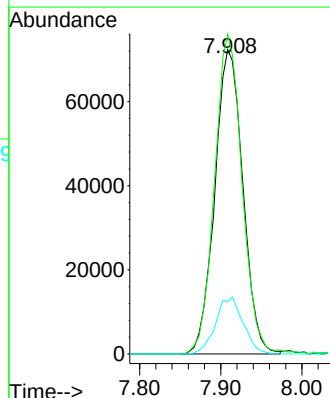
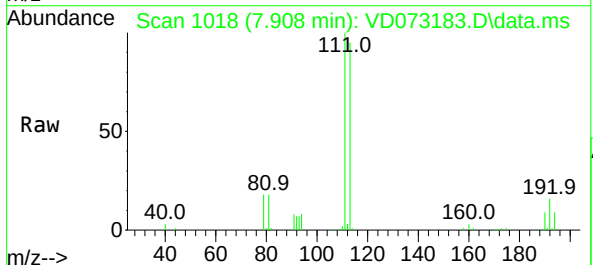
Tgt Ion:113 Resp: 173887

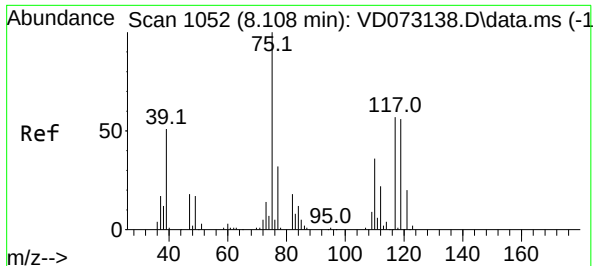
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.467 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073183.D

Acq: 20 May 2022 13:55

Instrument :

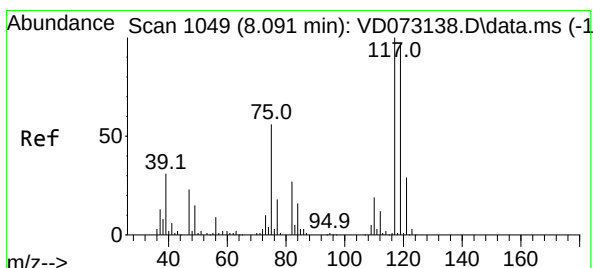
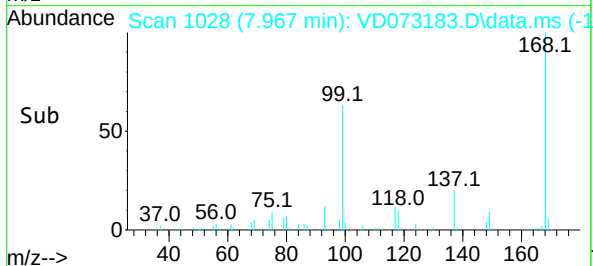
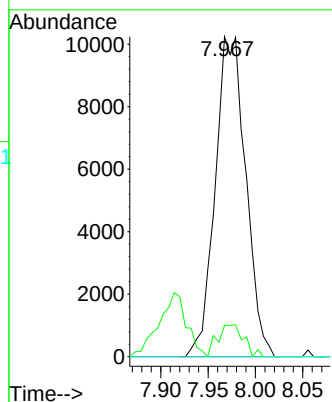
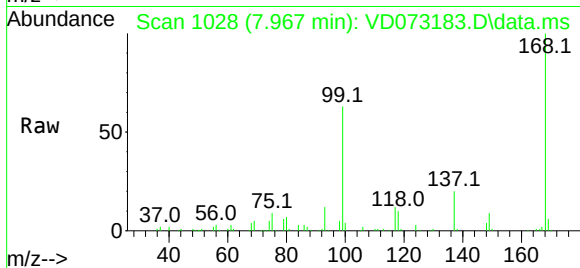
MSVOA_D

ClientSampleId :

P025-SS001-1824-01

Tgt Ion: 75 Resp: 22972

Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.673 ug/l

RT: 7.973 min Scan# 1029

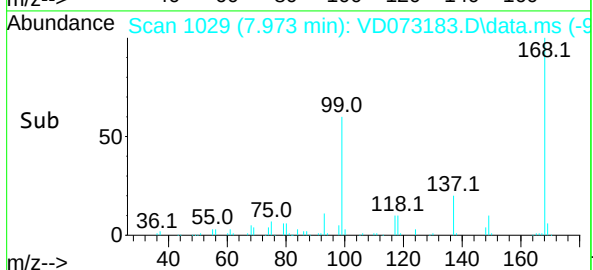
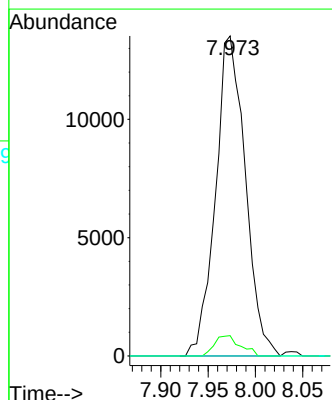
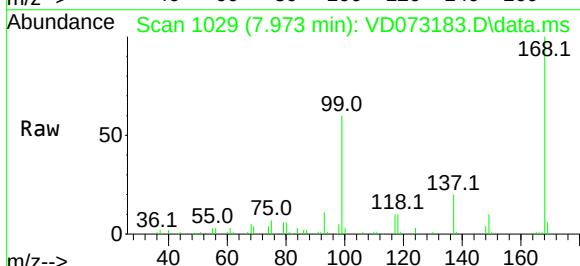
Delta R.T. -0.118 min

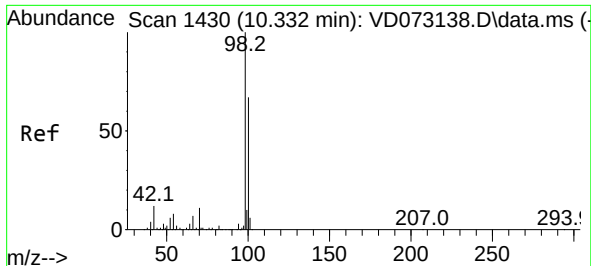
Lab File: VD073183.D

Acq: 20 May 2022 13:55

Tgt Ion: 117 Resp: 29574

Ion	Ratio	Lower	Upper
117	100		
119	6.4	75.8	113.6#
121	0.0	24.5	36.7#

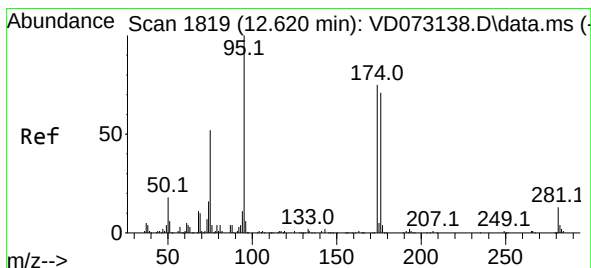
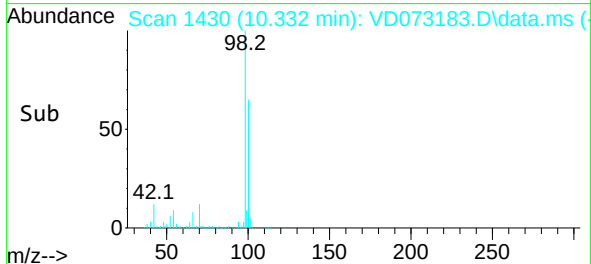
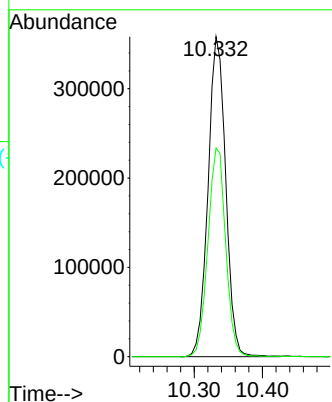
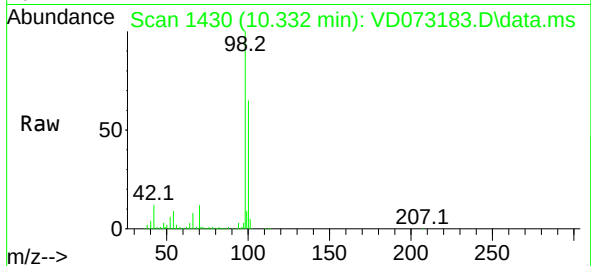




#50
Toluene-d8
Concen: 51.187 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073183.D
Acq: 20 May 2022 13:55

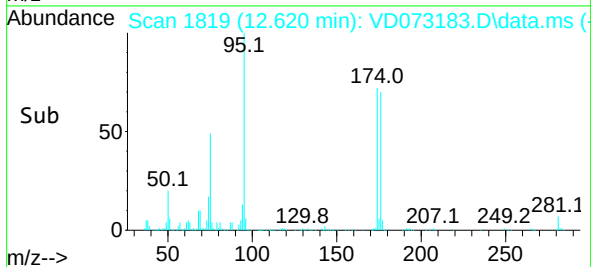
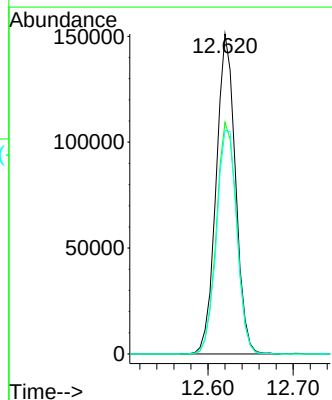
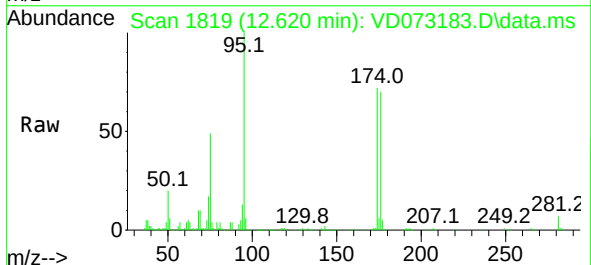
Instrument :
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P025-SS001-1824-01

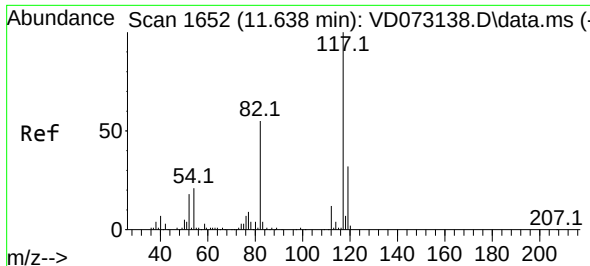
Tgt Ion: 98 Resp: 645153
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.726 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073183.D
Acq: 20 May 2022 13:55

Tgt Ion: 95 Resp: 237642
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 74.3 0.0 145.4

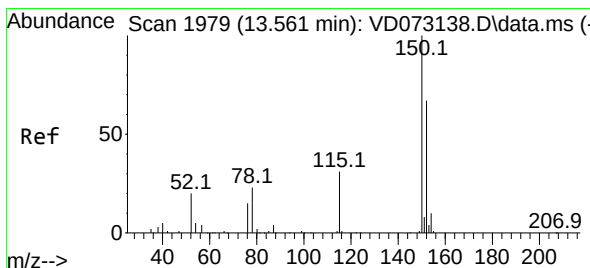
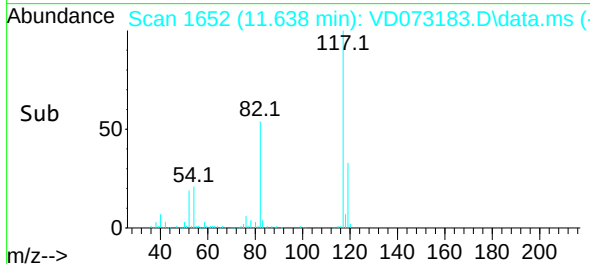
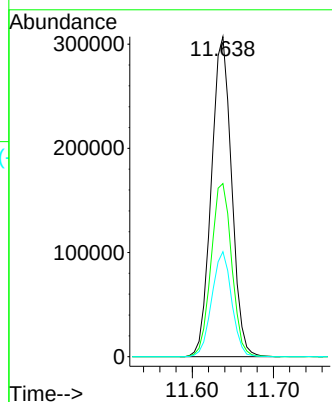
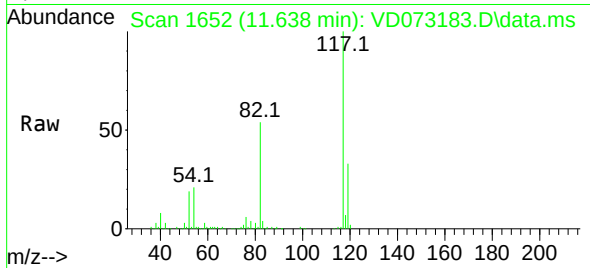




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073183.D
Acq: 20 May 2022 13:55

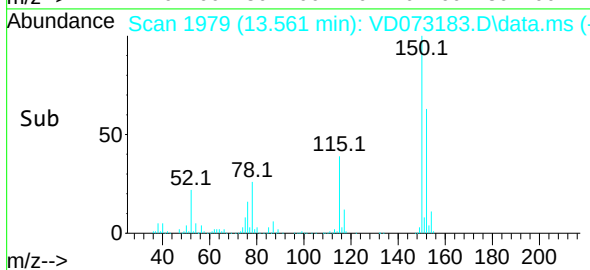
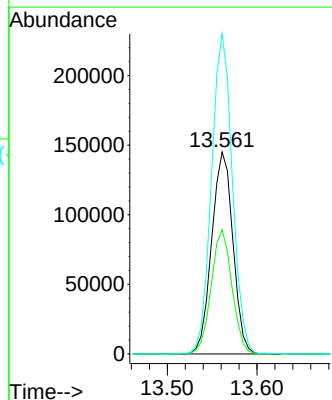
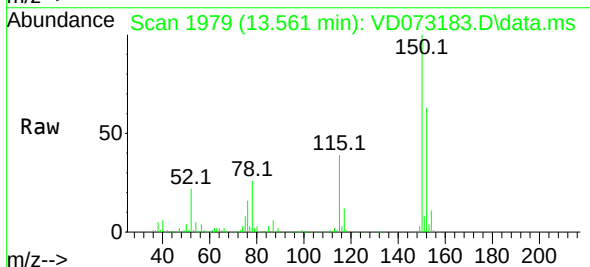
Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-1824-01

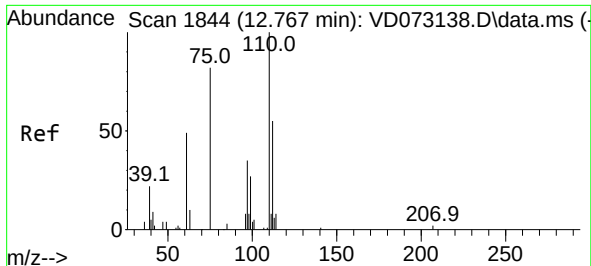
Tgt Ion:117 Resp: 531621
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 32.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073183.D
Acq: 20 May 2022 13:55

Tgt Ion:152 Resp: 238454
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 155.8 0.0 348.6

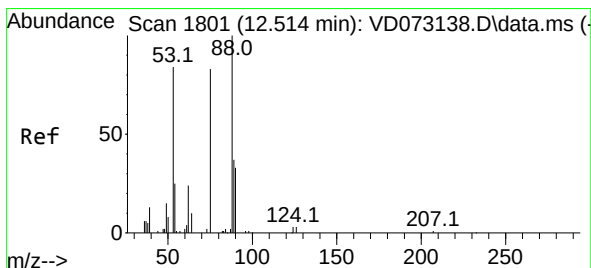
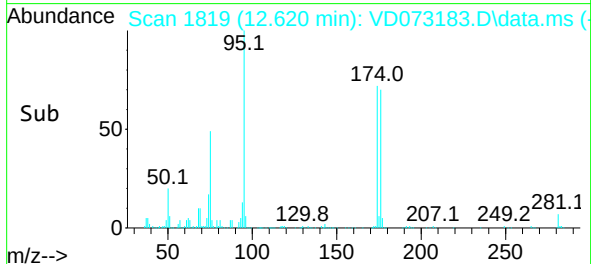
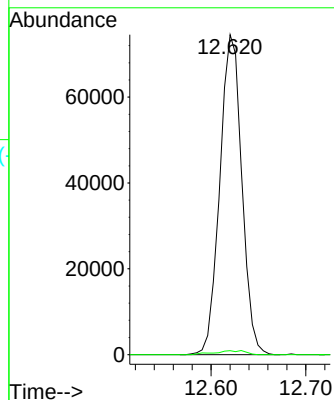
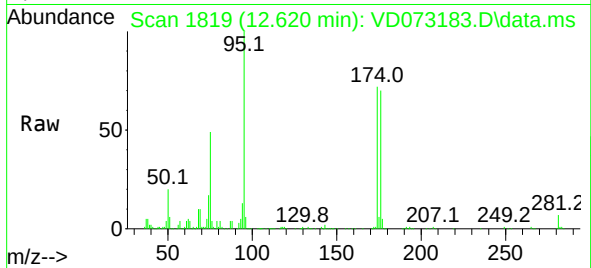




#76
1,2,3-Trichloropropane
Concen: 51.409 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073183.D
Acq: 20 May 2022 13:55

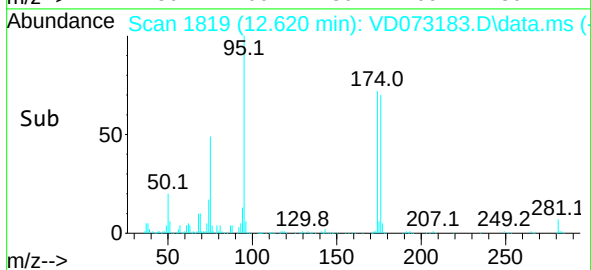
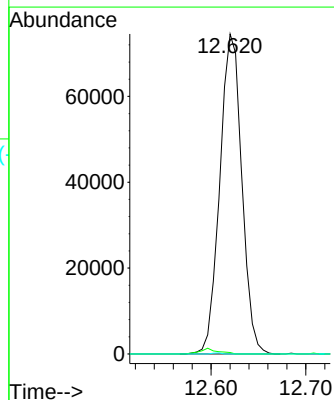
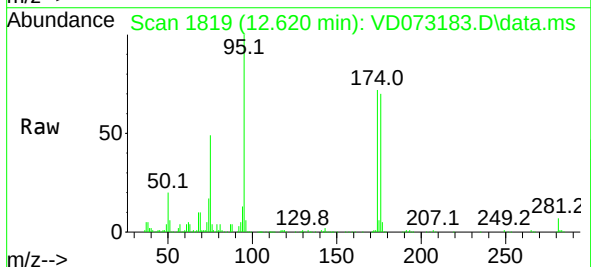
Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-1824-01

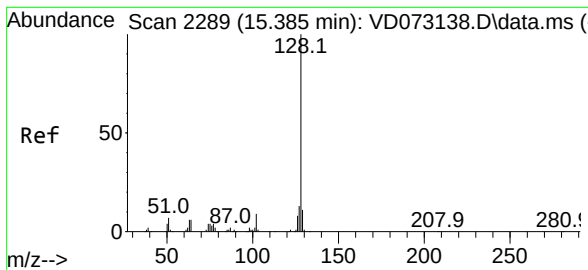
Tgt Ion: 75 Resp: 120279
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.417 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073183.D
Acq: 20 May 2022 13:55

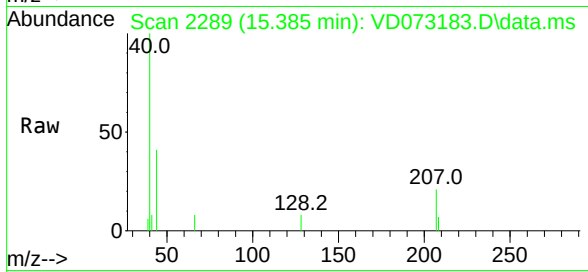
Tgt Ion: 75 Resp: 120279
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#





#95
 Naphthalene
 Concen: 3.550 ug/l
 RT: 15.385 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD073183.D
 Acq: 20 May 2022 13:55

Instrument : MSVOA_D
 ClientSampleId : P025-SS001-1824-01



Tgt Ion:	128	Resp:	75
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

