

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073365.D
 Acq On : 25 May 2022 17:22
 Operator : VA/SY
 Sample : N2949-16
 Misc : 5.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-1218-01

Quant Time: May 26 02:25:47 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)

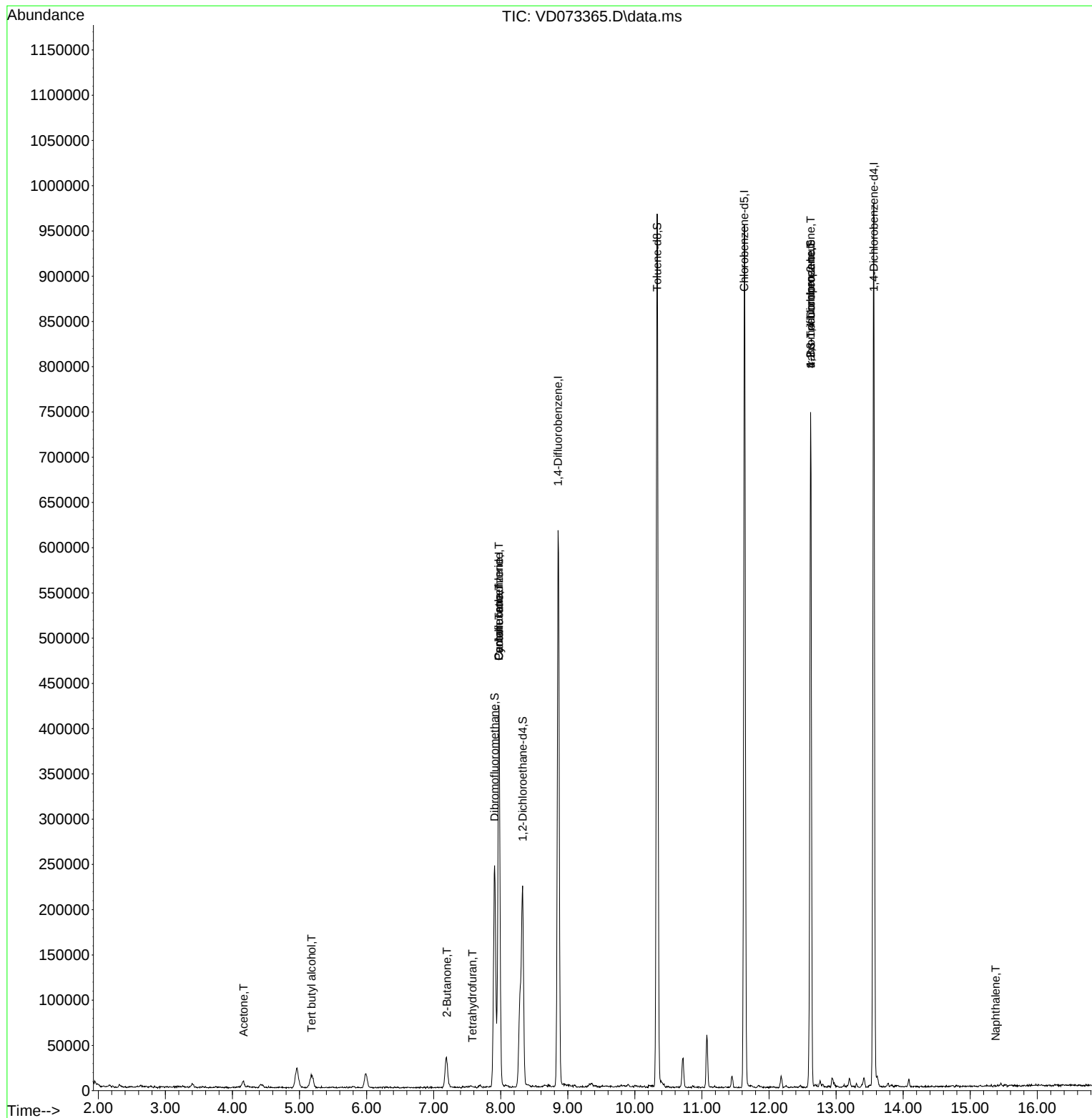
Internal Standards						
1) Pentafluorobenzene	7.973	168	297874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	525494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	555184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	162273	49.294	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.580%			
35) Dibromofluoromethane	7.909	113	174236	50.247	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.500%			
50) Toluene-d8	10.332	98	649190	50.788	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.580%			
62) 4-Bromofluorobenzene	12.620	95	244280	54.456	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.920%			
Target Compounds						
5) Bromomethane	2.785	94	1140	Below Cal	#	45
11) Tert butyl alcohol	5.179	59	13711	26.845	ug/l #	74
16) Acetone	4.168	43	12420	21.782	ug/l	92
25) 2-Butanone	7.197	43	1715	2.056	ug/l #	52
29) Tetrahydrofuran	7.579	42	837	1.552	ug/l #	58
31) Cyclohexane	7.973	56	7462	1.297	ug/l #	1
38) Carbon Tetrachloride	7.973	117	30988	5.862	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	120190	48.117	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	120190	115.514	ug/l #	7
95) Naphthalene	15.379	128	757	3.626	ug/l #	70

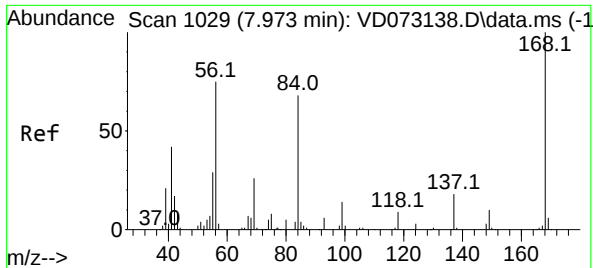
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
Data File : VD073365.D
Acq On : 25 May 2022 17:22
Operator : VA/SY
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Misc : 5.73G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-1218-01

Quant Time: May 26 02:25:47 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

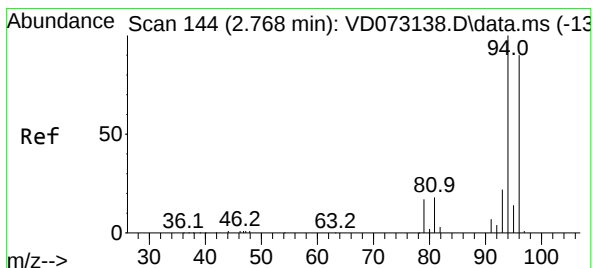
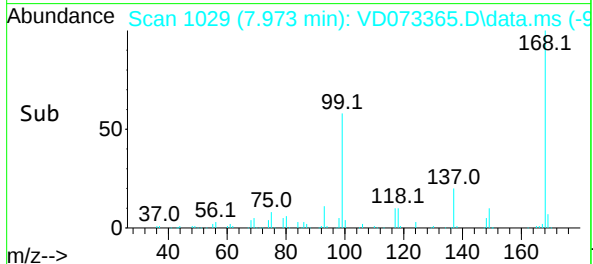
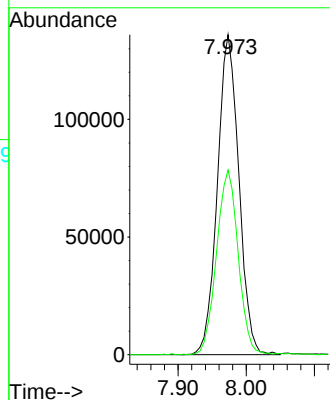
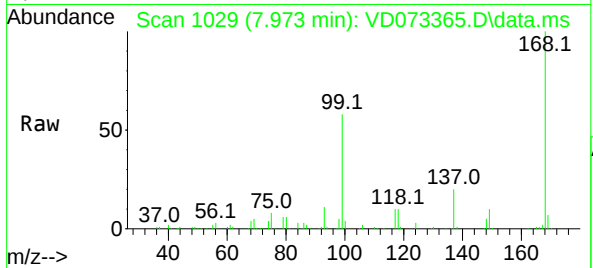




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073365.D
Acq: 25 May 2022 17:22

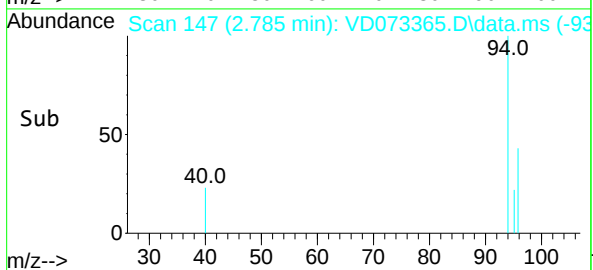
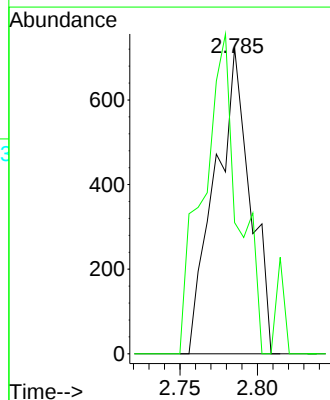
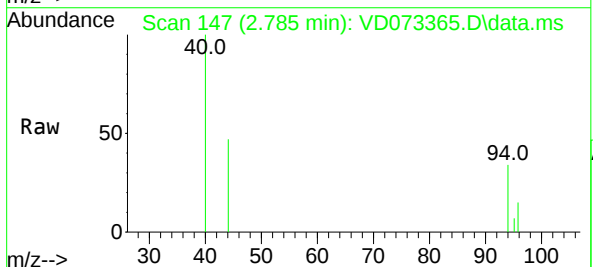
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-1218-01

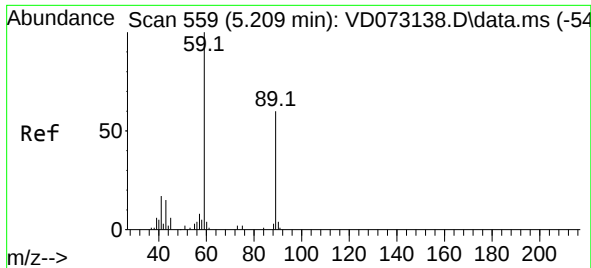
Tgt Ion:168 Resp: 297874
Ion Ratio Lower Upper
168 100
99 57.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD073365.D
Acq: 25 May 2022 17:22

Tgt Ion: 94 Resp: 1140
Ion Ratio Lower Upper
94 100
96 42.8 77.6 116.4#

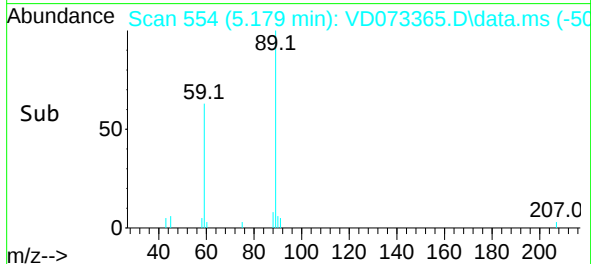
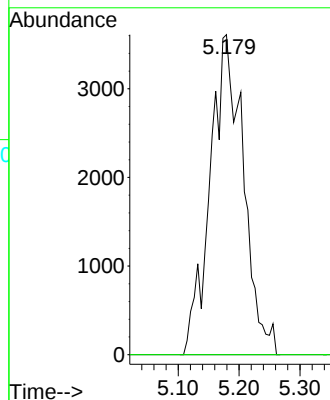
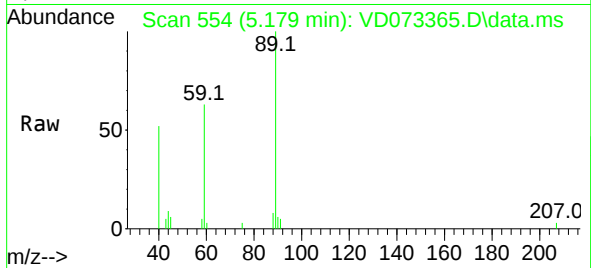




#11
Tert butyl alcohol
Concen: 26.845 ug/l
RT: 5.179 min Scan# 511
Delta R.T. -0.030 min
Lab File: VD073365.D
Acq: 25 May 2022 17:22

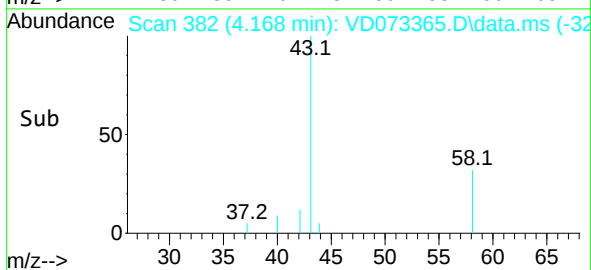
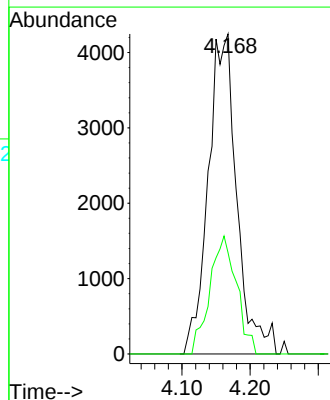
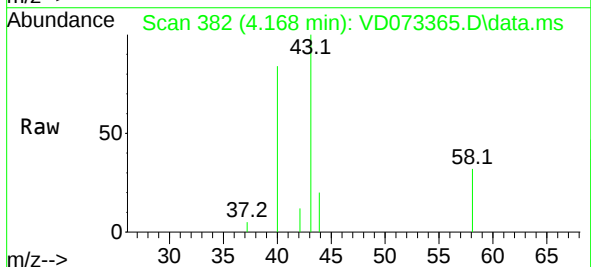
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-1218-01

Tgt Ion: 59 Resp: 13711
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 21.782 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD073365.D
Acq: 25 May 2022 17:22

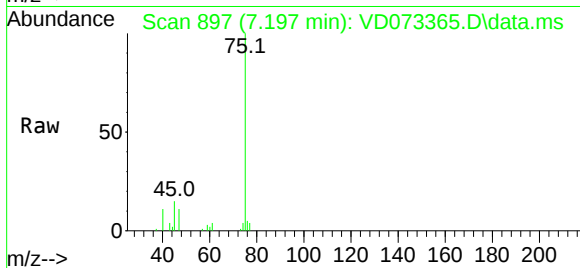
Tgt Ion: 43 Resp: 12420
Ion Ratio Lower Upper
43 100
58 31.7 22.1 33.1



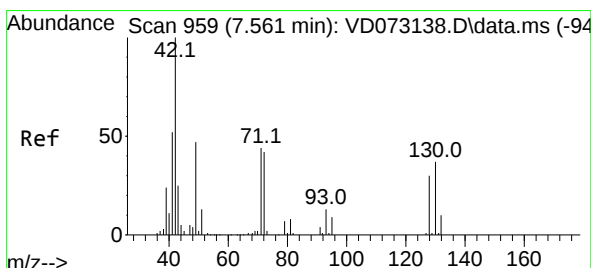
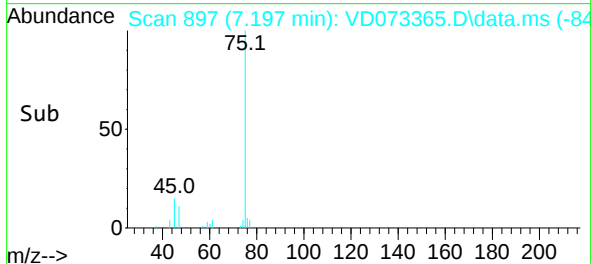
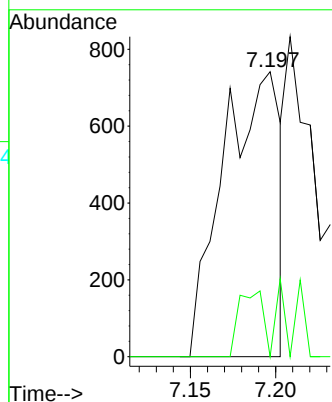


#25
2-Butanone
Concen: 2.056 ug/l
RT: 7.197 min Scan# 899
Delta R.T. -0.011 min
Lab File: VD073365.D
Acq: 25 May 2022 17:22

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-1218-01

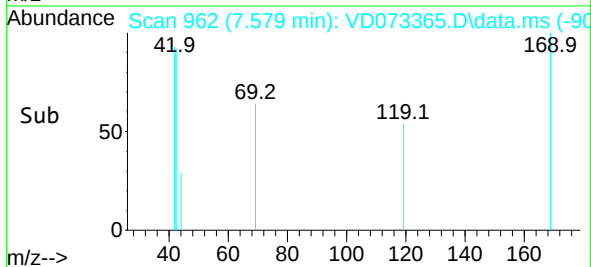
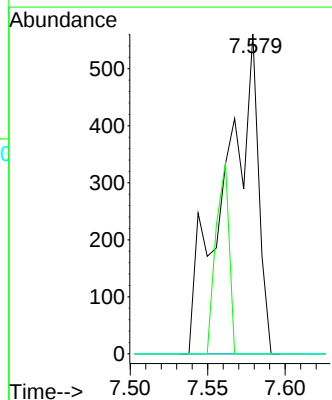
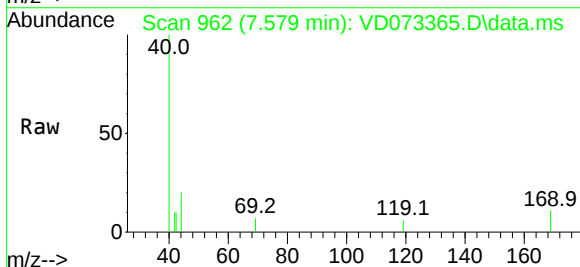


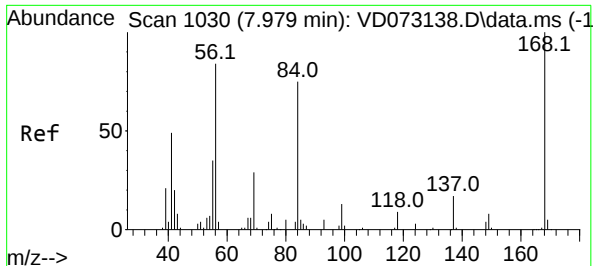
Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#29
Tetrahydrofuran
Concen: 1.552 ug/l
RT: 7.579 min Scan# 962
Delta R.T. 0.018 min
Lab File: VD073365.D
Acq: 25 May 2022 17:22

Tgt Ion: 42 Resp: 837
Ion Ratio Lower Upper
42 100
72 23.7 30.7 46.1#
71 0.0 28.6 43.0#





#31

Cyclohexane

Concen: 1.297 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073365.D

Acq: 25 May 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-1218-01

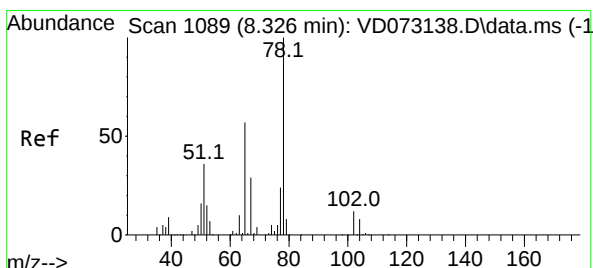
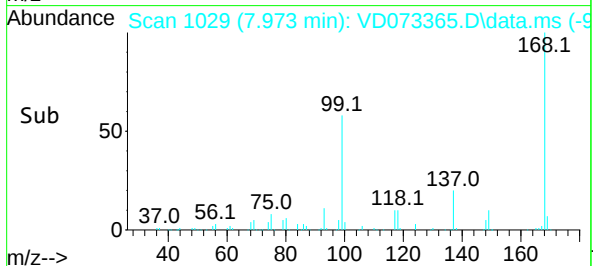
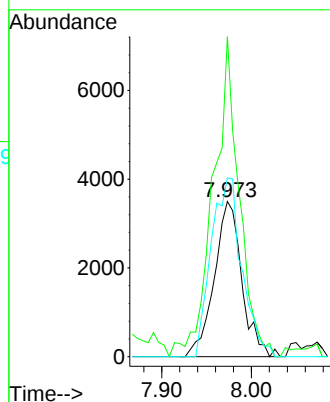
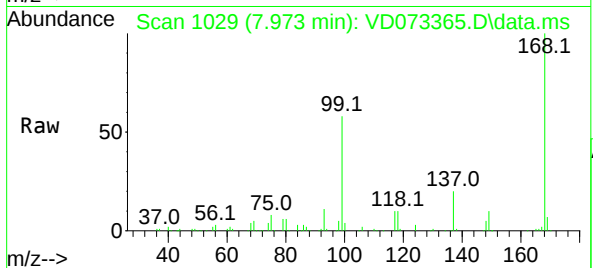
Tgt Ion: 56 Resp: 7462

Ion Ratio Lower Upper

56 100

69 206.2 25.4 38.2#

84 115.3 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 49.294 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073365.D

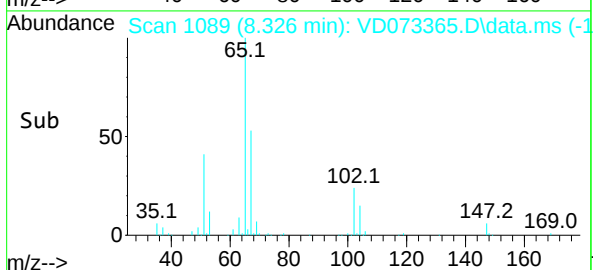
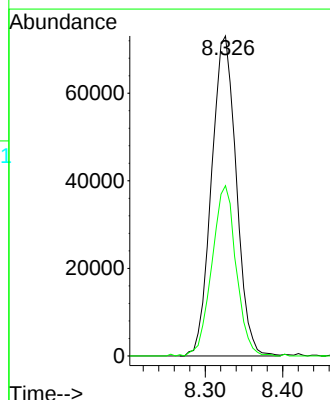
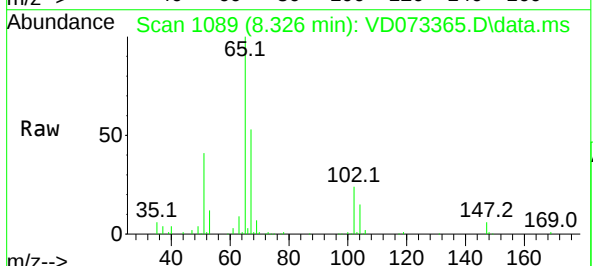
Acq: 25 May 2022 17:22

Tgt Ion: 65 Resp: 162273

Ion Ratio Lower Upper

65 100

67 52.1 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: VD073365.D

Acq: 25 May 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-1218-01

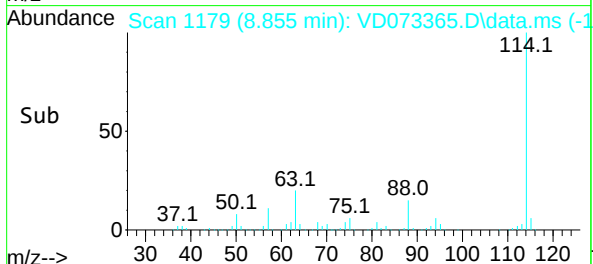
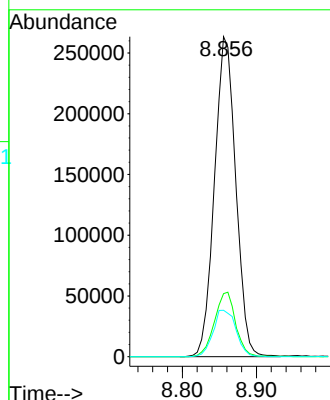
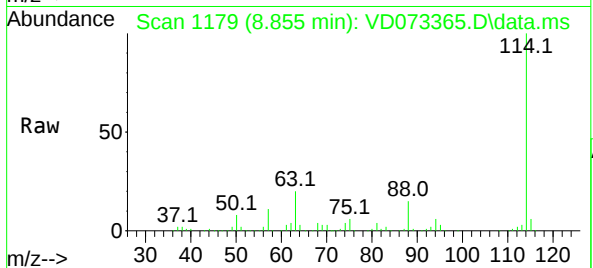
Tgt Ion:114 Resp: 525494

Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 14.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.247 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073365.D

Acq: 25 May 2022 17:22

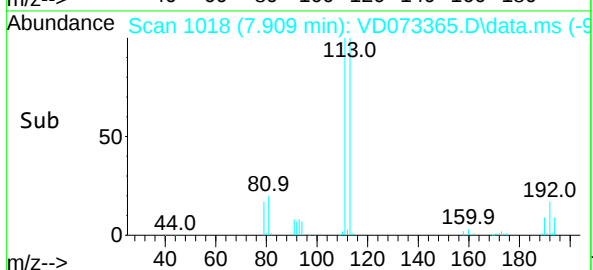
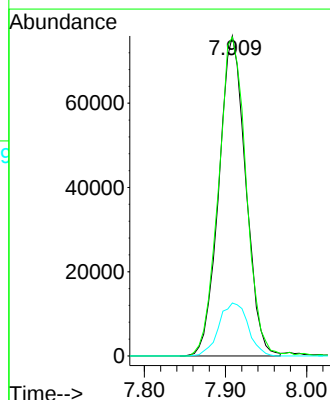
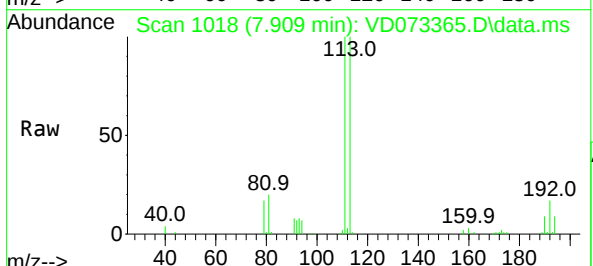
Tgt Ion:113 Resp: 174236

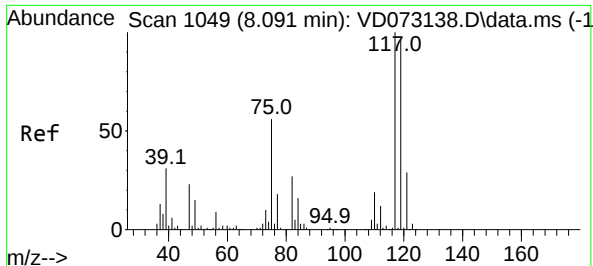
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

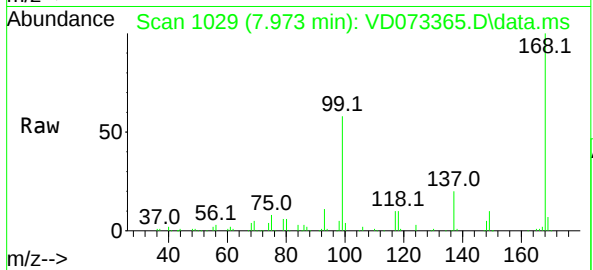
192 18.0 14.6 21.8



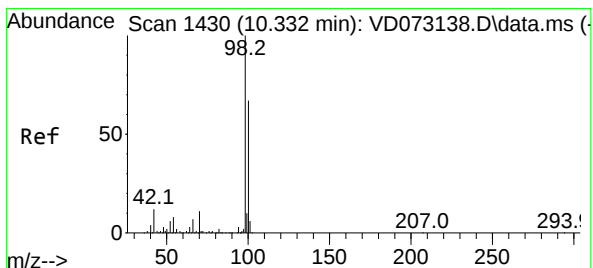
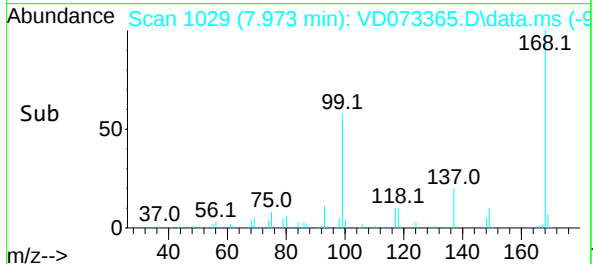
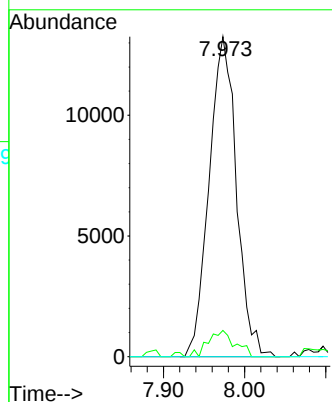


#38
Carbon Tetrachloride
Concen: 5.862 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073365.D
Acq: 25 May 2022 17:22

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-1218-01

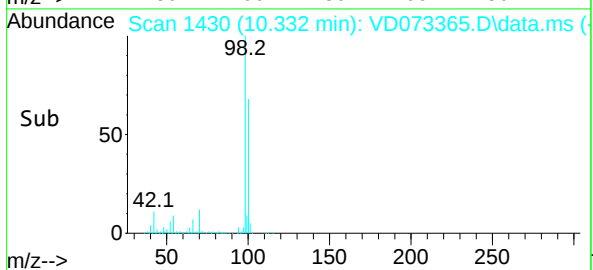
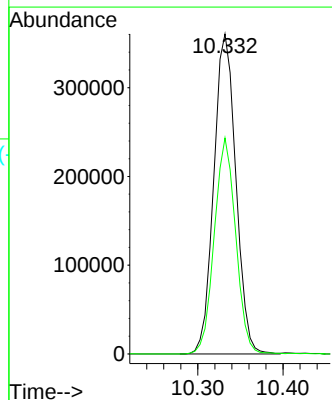
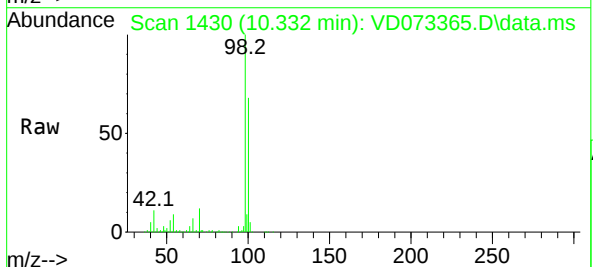


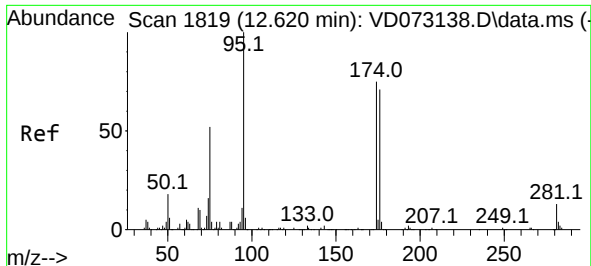
Tgt Ion:117 Resp: 30988
Ion Ratio Lower Upper
117 100
119 8.2 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.788 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073365.D
Acq: 25 May 2022 17:22

Tgt Ion: 98 Resp: 649190
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

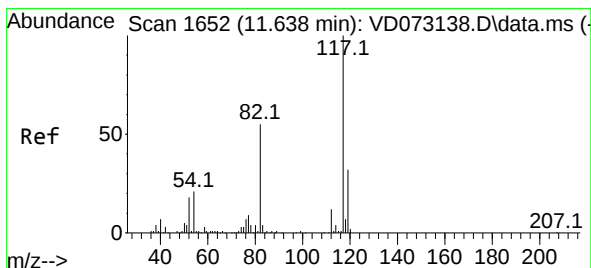
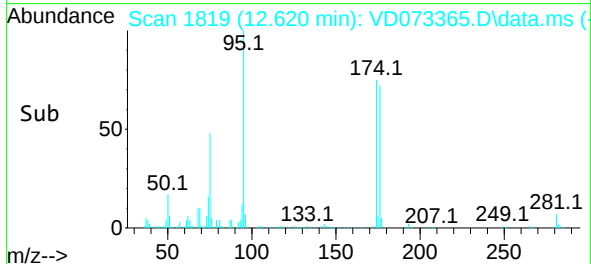
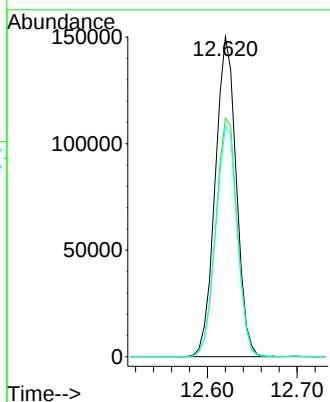
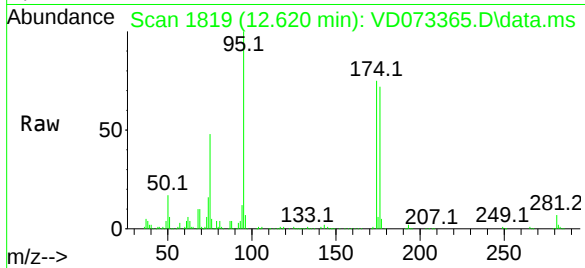




#62
4-Bromofluorobenzene
Concen: 54.456 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073365.D
Acq: 25 May 2022 17:22

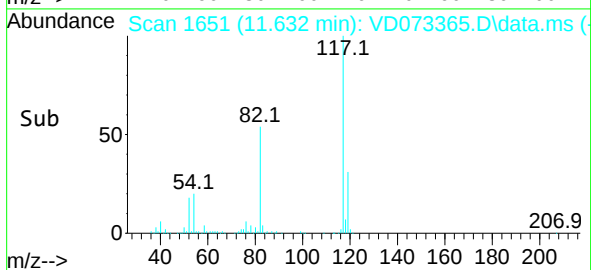
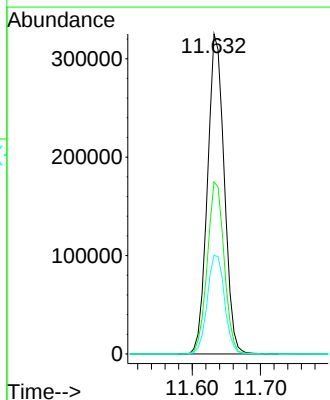
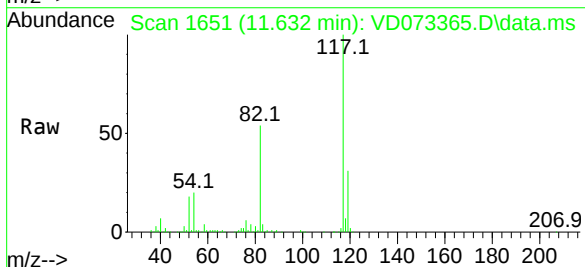
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-1218-01

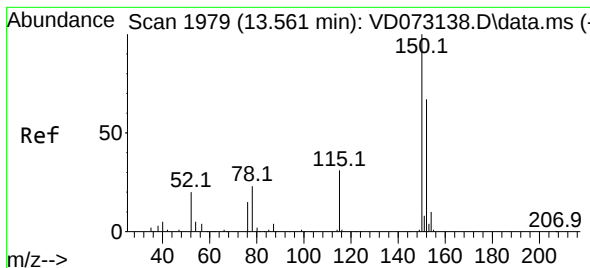
Tgt Ion: 95 Resp: 244280
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 73.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073365.D
Acq: 25 May 2022 17:22

Tgt Ion: 117 Resp: 555184
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 30.9 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: VD073365.D

Acq: 25 May 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-1218-01

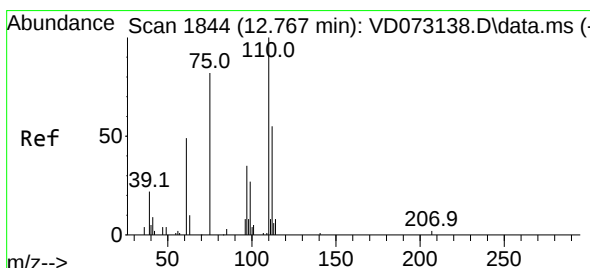
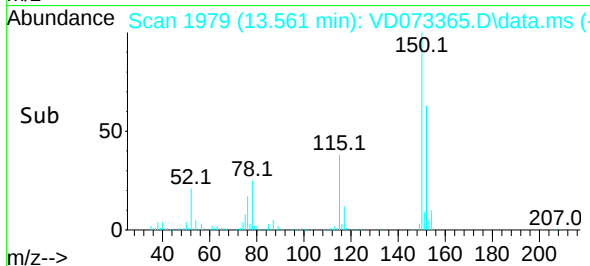
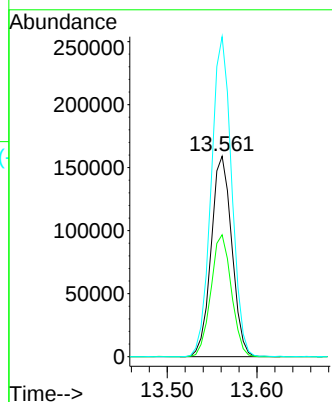
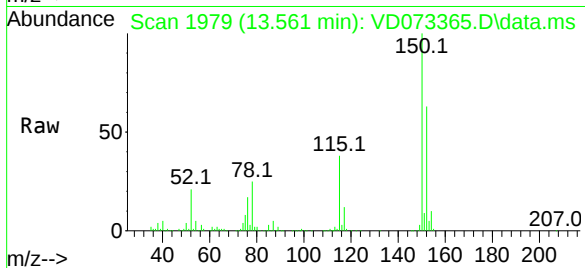
Tgt Ion:152 Resp: 254580

Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 157.7 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 48.117 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073365.D

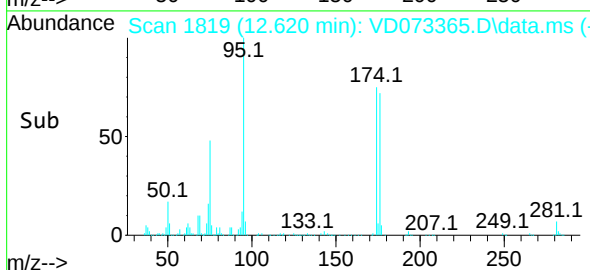
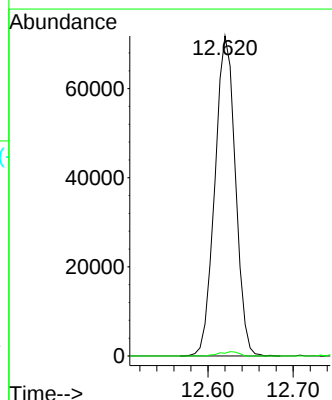
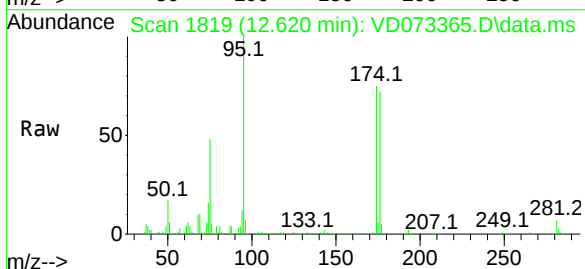
Acq: 25 May 2022 17:22

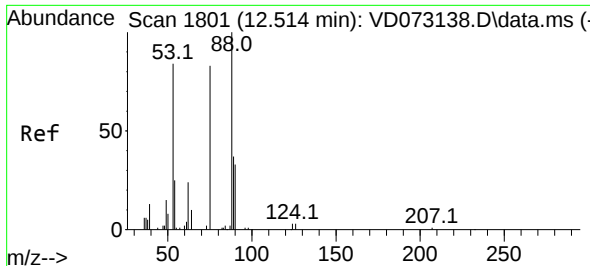
Tgt Ion: 75 Resp: 120190

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

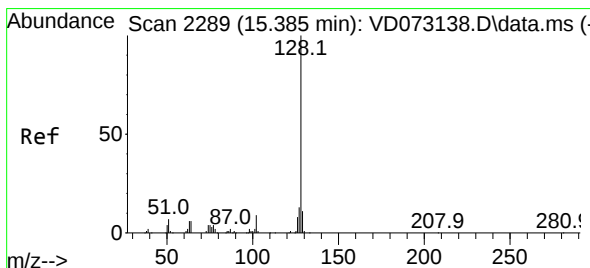
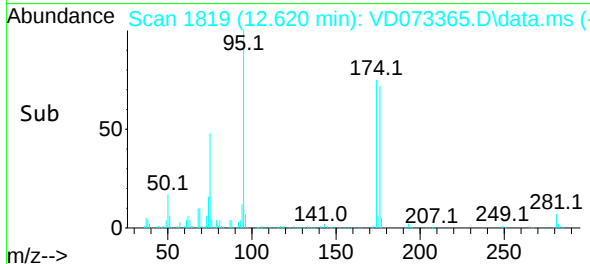
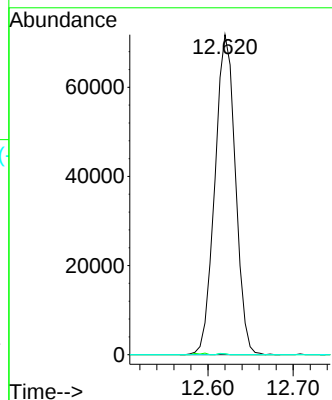
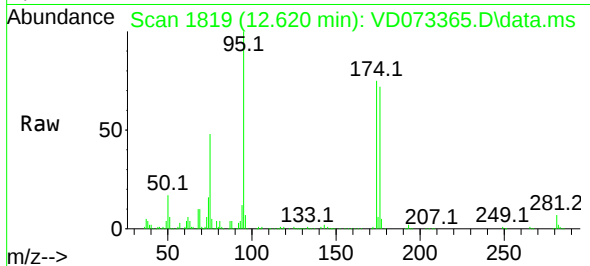




#81
trans-1,4-Dichloro-2-butene
Concen: 115.514 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073365.D
Acq: 25 May 2022 17:22

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-1218-01

Tgt Ion: 75 Resp: 120190
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.626 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073365.D
Acq: 25 May 2022 17:22

Tgt Ion: 128 Resp: 757
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

