

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073258.D
 Acq On : 22 May 2022 06:32
 Operator : VA/SY
 Sample : N2920-13
 Misc : 4.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-02

Quant Time: May 23 01:13:32 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)

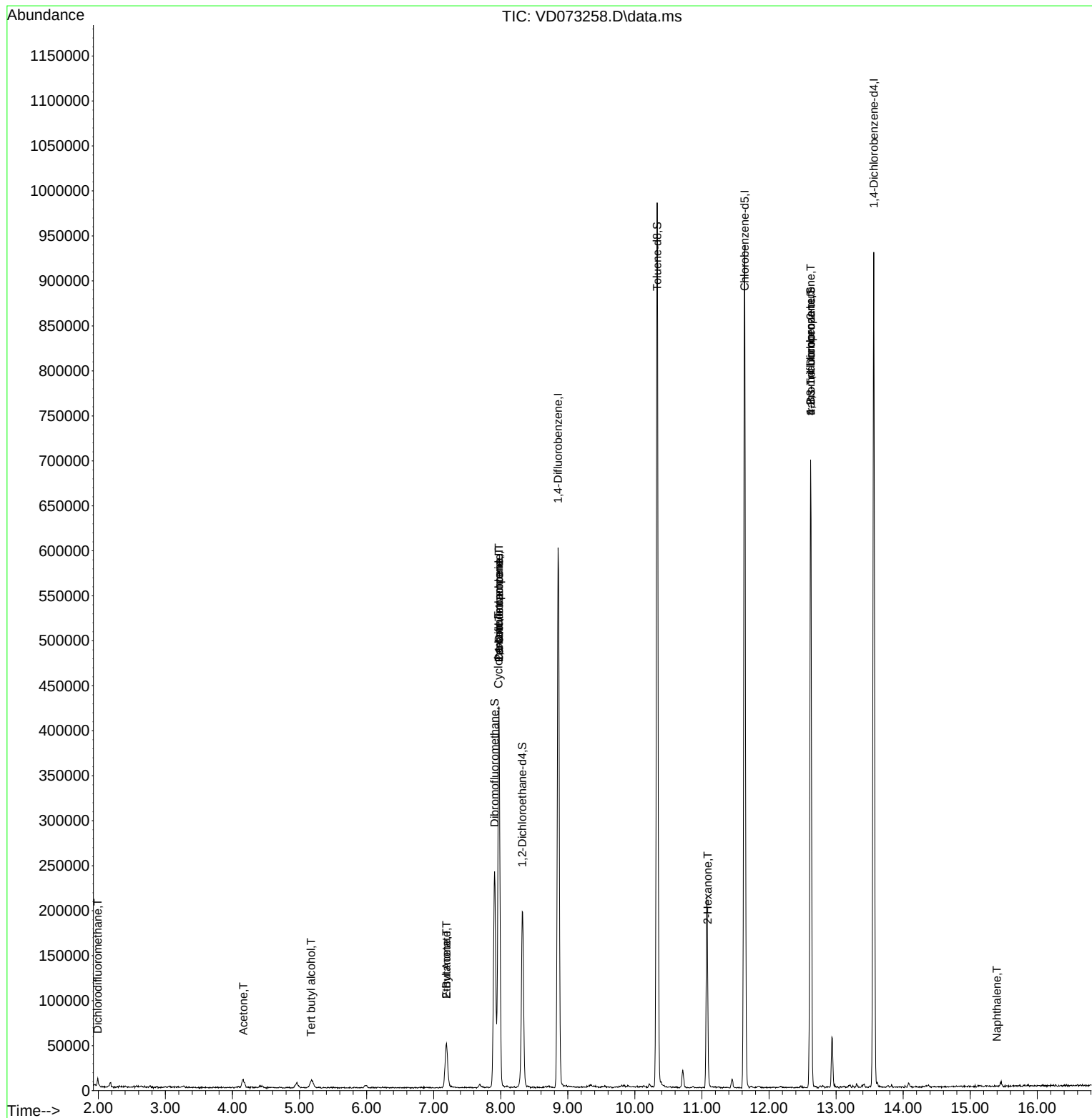
Internal Standards						
1) Pentafluorobenzene	7.973	168	302242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	516706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	541917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	241500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	153265	45.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.760%
35) Dibromofluoromethane	7.908	113	172458	50.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.332	98	642643	51.131	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.620	95	229651	52.065	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.140%
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.991	85	5652	1.871	ug/l	91
5) Bromomethane	2.768	94	683	Below Cal		82
11) Tert butyl alcohol	5.173	59	8818	17.016	ug/l #	74
16) Acetone	4.162	43	16114	27.852	ug/l #	83
20) Methylene Chloride	4.962	84	4118	Below Cal	#	94
25) 2-Butanone	7.191	43	2910	3.438	ug/l #	52
31) Cyclohexane	7.967	56	7805	1.337	ug/l #	6
36) 1,1-Dichloropropene	7.973	75	25585	4.989	ug/l #	53
37) Ethyl Acetate	7.191	43	2910	1.437	ug/l #	1
38) Carbon Tetrachloride	7.973	117	31039	5.971	ug/l #	18
59) 2-Hexanone	11.085	43	2035	1.587	ug/l #	48
76) 1,2,3-Trichloropropane	12.620	75	115921	48.921	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	115921	117.445	ug/l #	7
95) Naphthalene	15.396	128	147	3.559	ug/l #	70

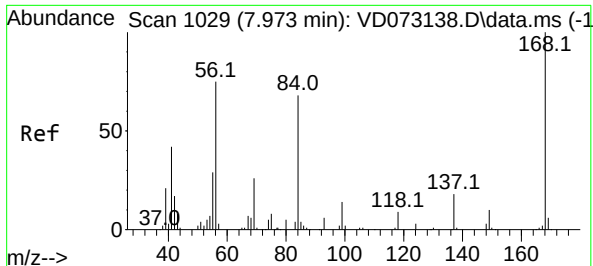
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
Data File : VD073258.D
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Operator : VA/SY
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P024-SS001-2430-02

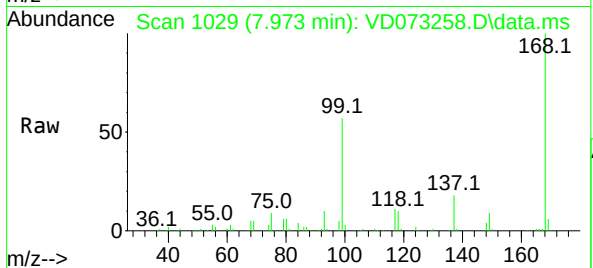
Quant Time: May 23 01:13:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



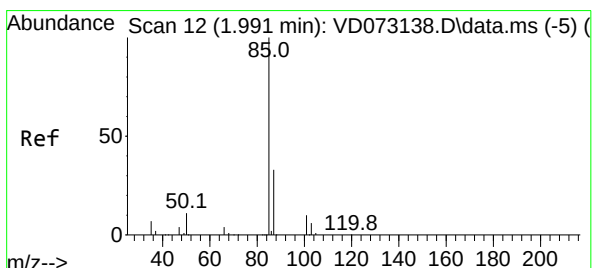
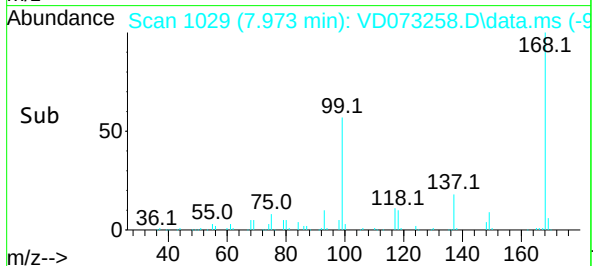
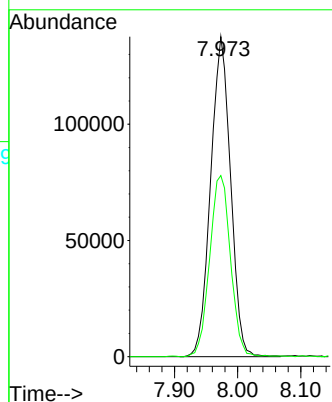


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-02

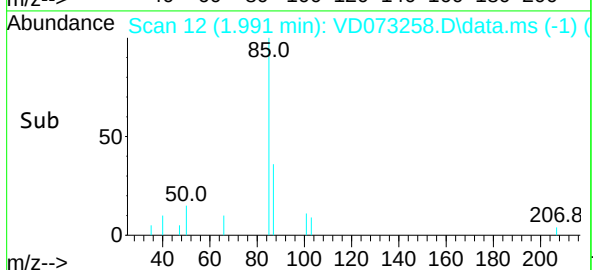
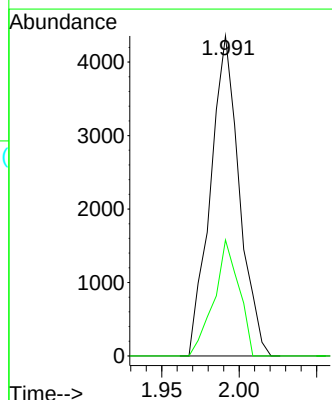
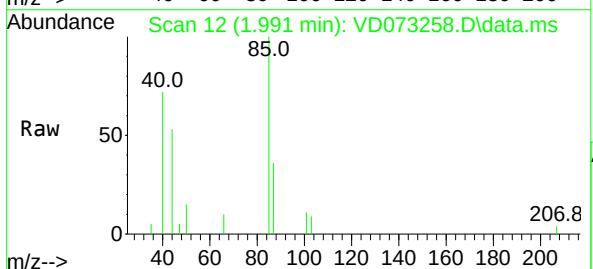


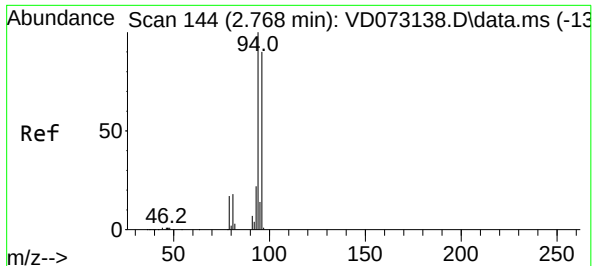
Tgt Ion:168 Resp: 302242
Ion Ratio Lower Upper
168 100
99 56.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.871 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

Tgt Ion: 85 Resp: 5652
Ion Ratio Lower Upper
85 100
87 36.2 15.7 47.0

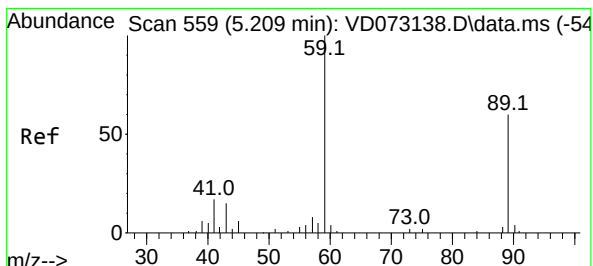
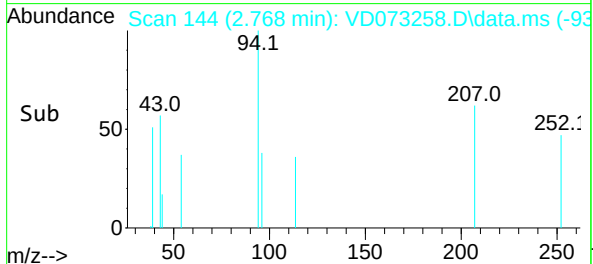
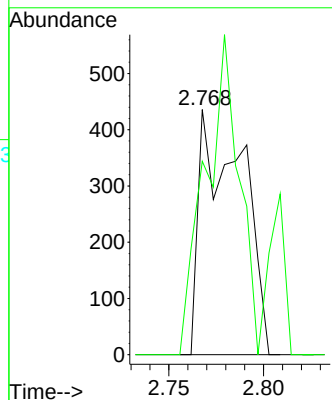
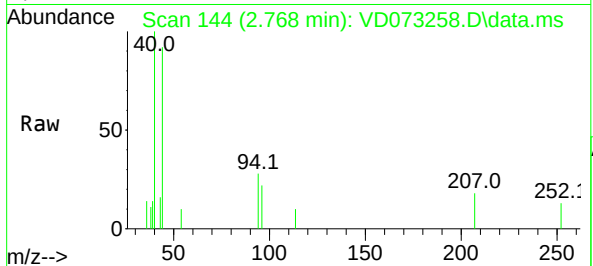




#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

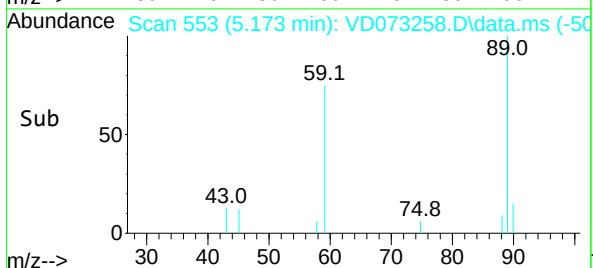
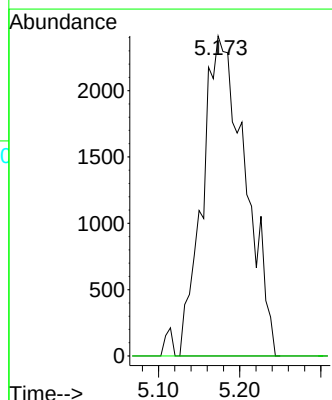
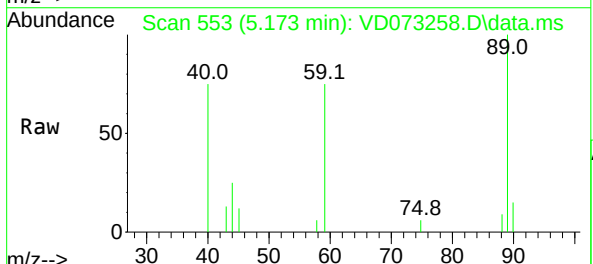
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-02

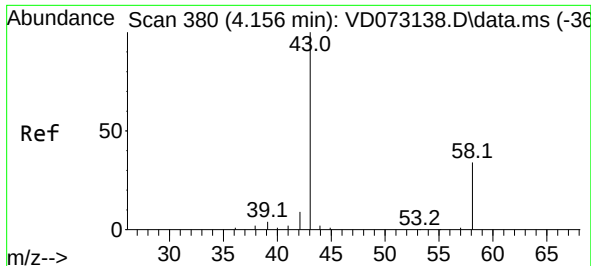
Tgt Ion: 94 Resp: 683
Ion Ratio Lower Upper
94 100
96 78.9 77.6 116.4



#11
Tert butyl alcohol
Concen: 17.016 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.036 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

Tgt Ion: 59 Resp: 8818
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 27.852 ug/l

RT: 4.162 min Scan# 380

Delta R.T. 0.006 min

Lab File: VD073258.D

Acq: 22 May 2022 06:32

Instrument :

MSVOA_D

ClientSampleId :

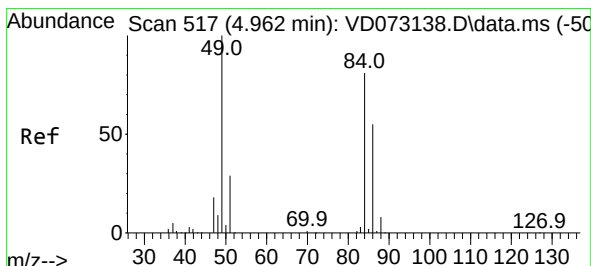
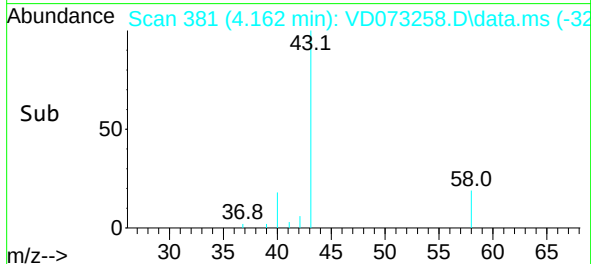
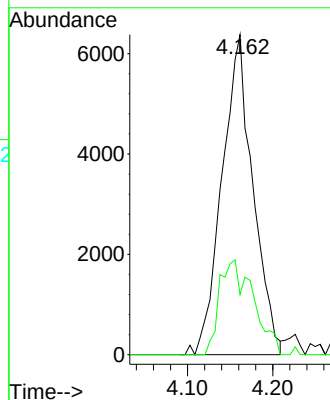
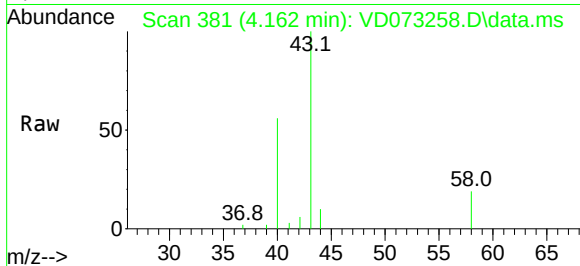
P024-SS001-2430-02

Tgt Ion: 43 Resp: 16114

Ion Ratio Lower Upper

43 100

58 18.8 22.1 33.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD073258.D

Acq: 22 May 2022 06:32

Tgt Ion: 84 Resp: 4118

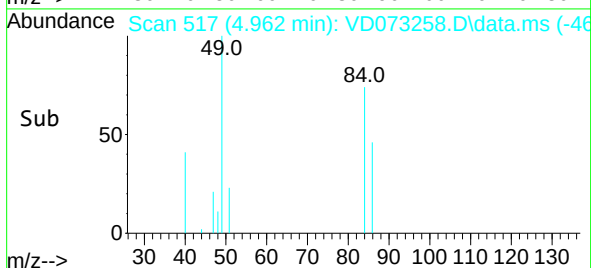
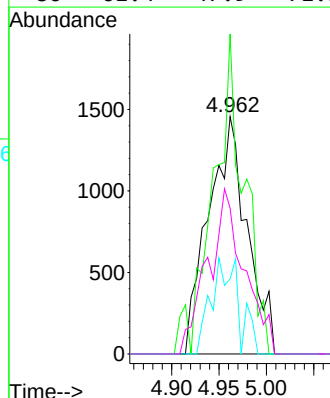
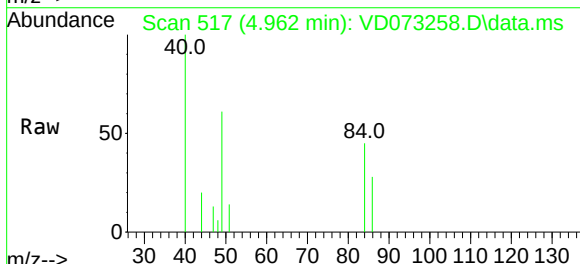
Ion Ratio Lower Upper

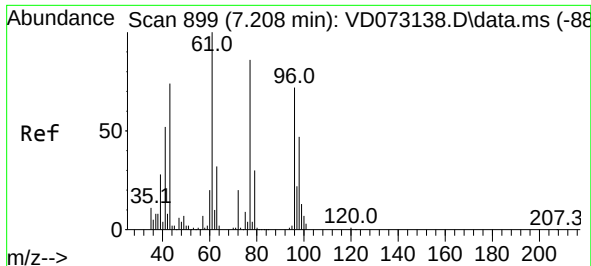
84 100

49 134.8 112.8 169.2

51 31.6 32.6 48.8#

86 61.4 47.9 71.9

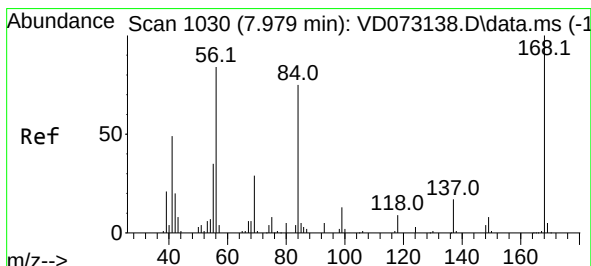
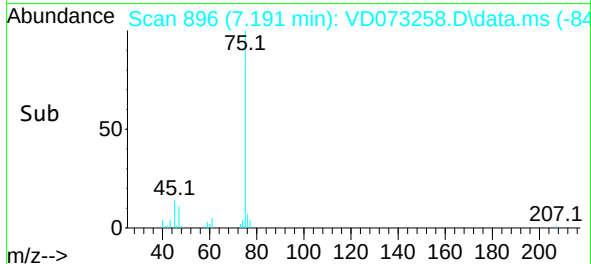
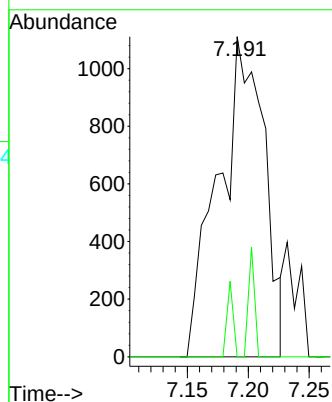
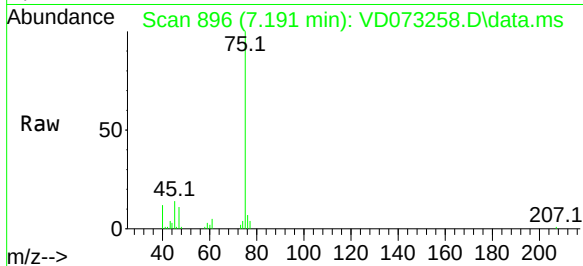




#25
2-Butanone
Concen: 3.438 ug/l
RT: 7.191 min Scan# 899
Delta R.T. -0.017 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

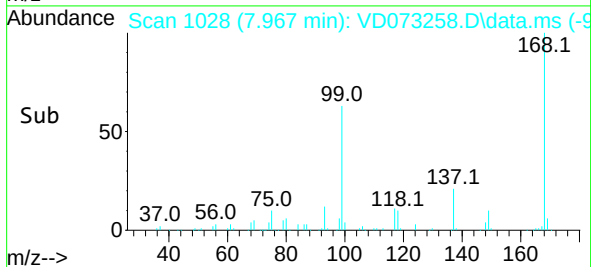
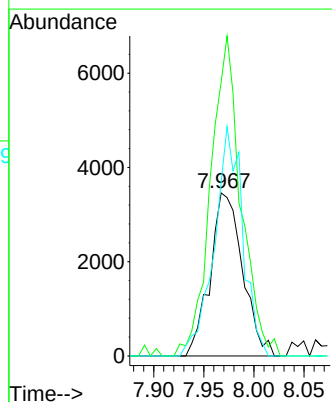
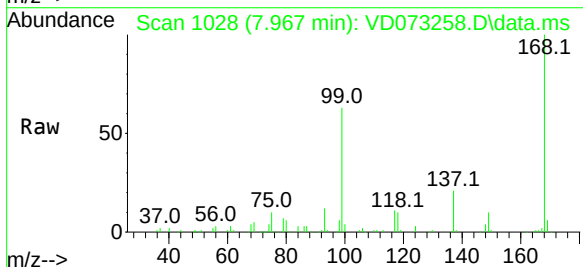
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-02

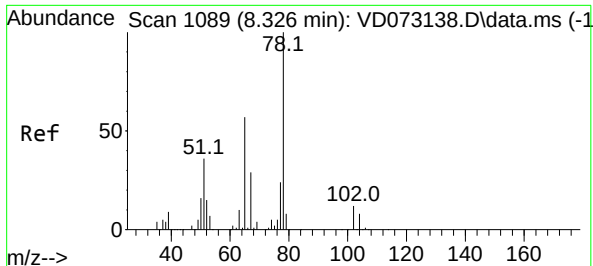
Tgt Ion: 43 Resp: 2910
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.337 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

Tgt Ion: 56 Resp: 7805
Ion Ratio Lower Upper
56 100
69 168.1 25.4 38.2#
84 106.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 45.885 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073258.D

Acq: 22 May 2022 06:32

Instrument :

MSVOA_D

ClientSampleId :

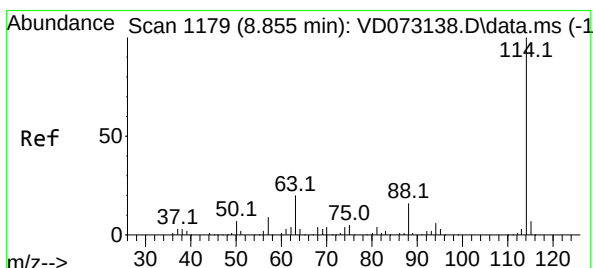
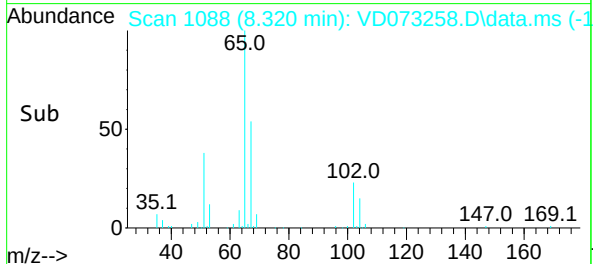
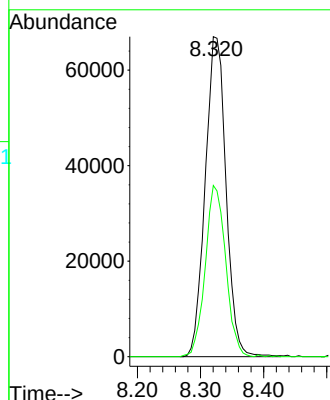
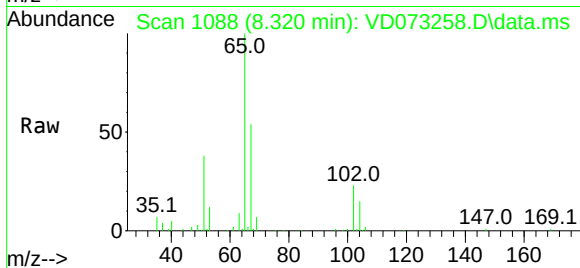
P024-SS001-2430-02

Tgt Ion: 65 Resp: 153265

Ion Ratio Lower Upper

65 100

67 52.6 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: VD073258.D

Acq: 22 May 2022 06:32

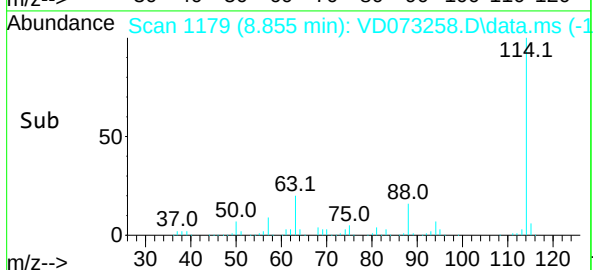
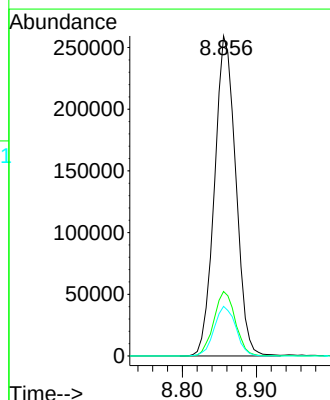
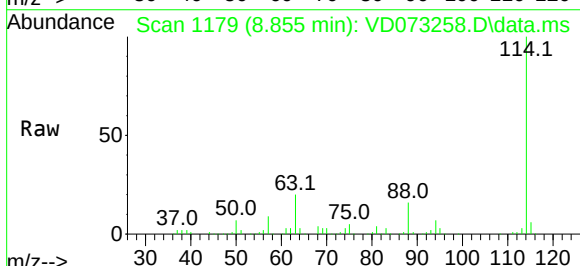
Tgt Ion: 114 Resp: 516706

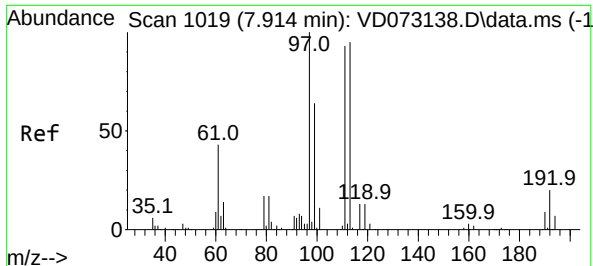
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.581 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073258.D

Acq: 22 May 2022 06:32

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-2430-02

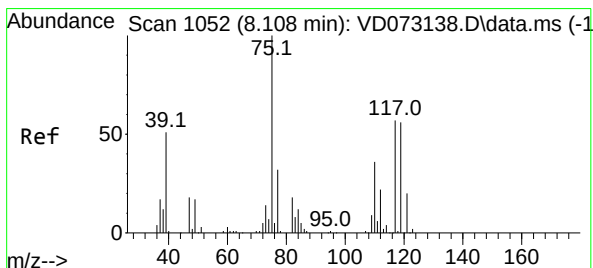
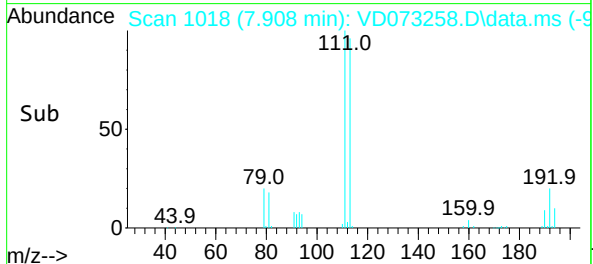
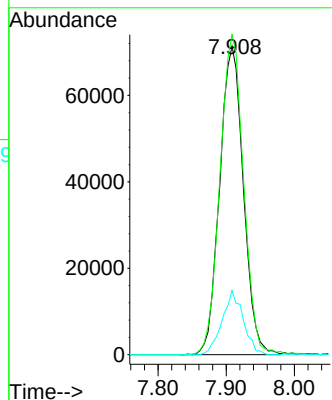
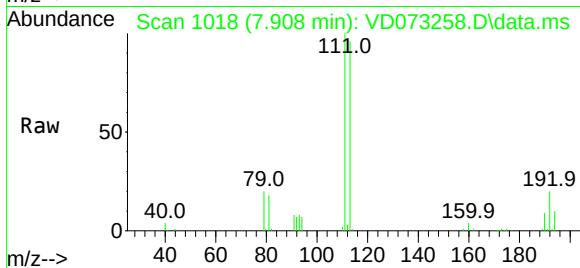
Tgt Ion:113 Resp: 172458

Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.989 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073258.D

Acq: 22 May 2022 06:32

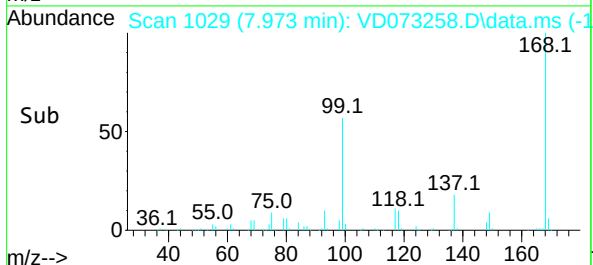
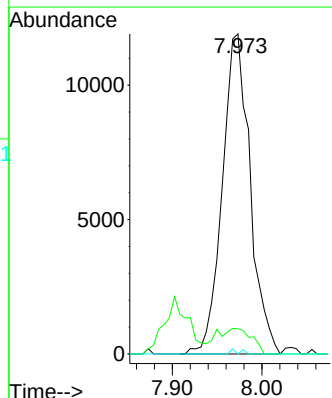
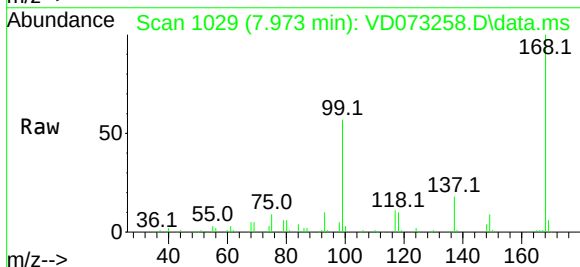
Tgt Ion: 75 Resp: 25585

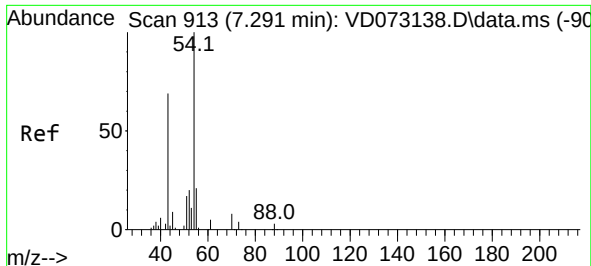
Ion Ratio Lower Upper

75 100

110 10.0 16.4 49.1#

77 0.5 24.2 36.2#

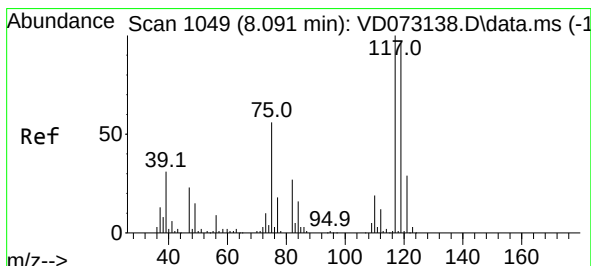
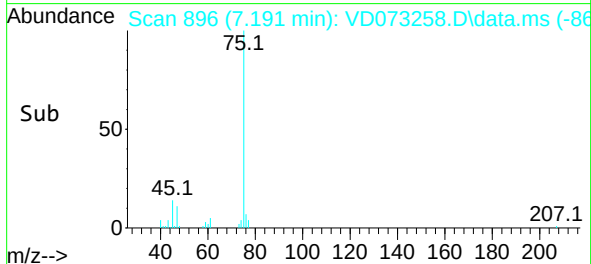
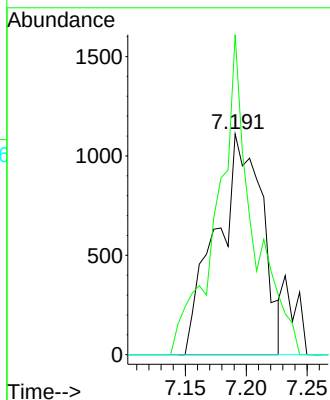
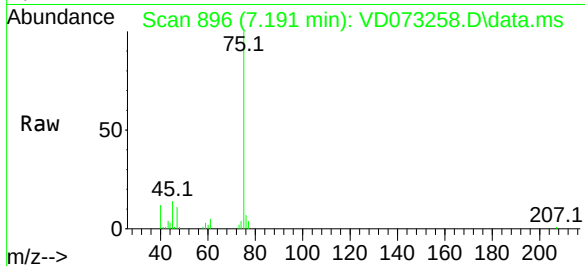




#37
Ethyl Acetate
Concen: 1.437 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.100 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

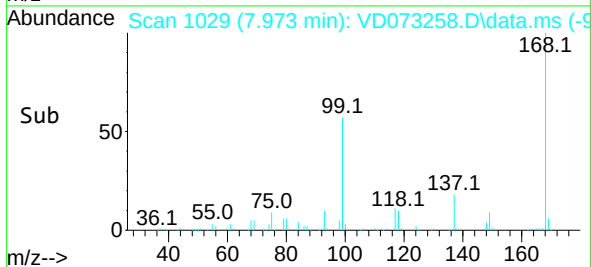
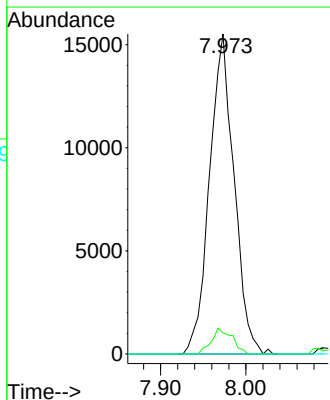
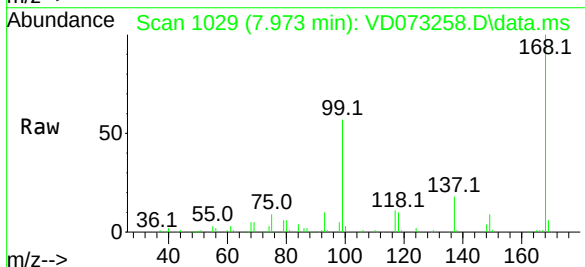
Instrument :
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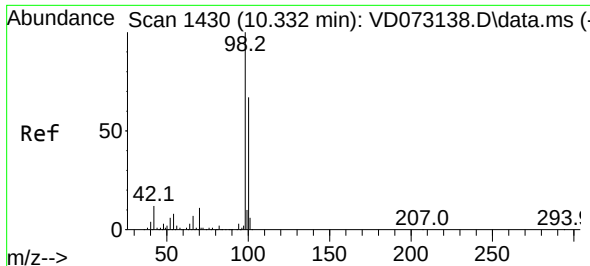
Tgt Ion: 43 Resp: 2910
Ion Ratio Lower Upper
43 100
61 112.5 9.8 14.8#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 5.971 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

Tgt Ion: 117 Resp: 31039
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.5 36.7#

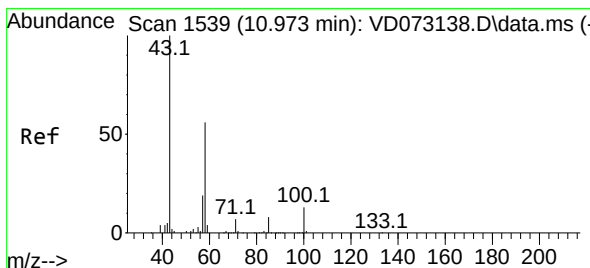
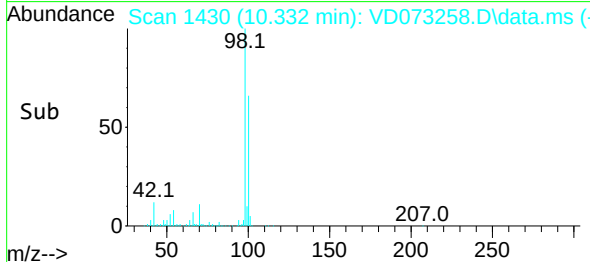
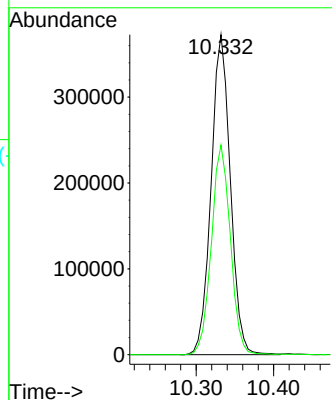
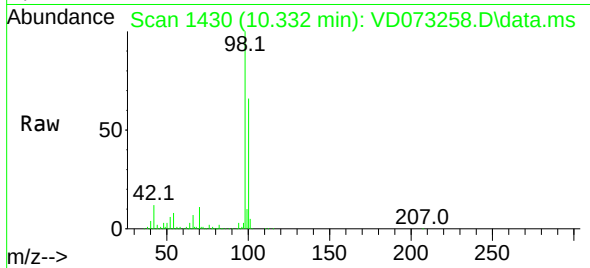




#50
Toluene-d8
Concen: 51.131 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

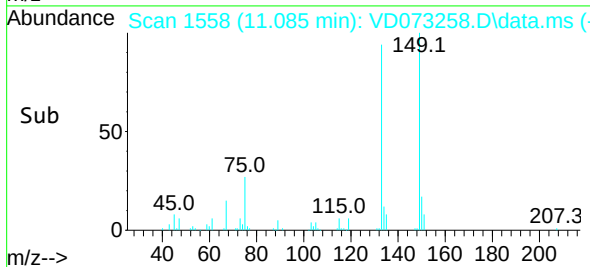
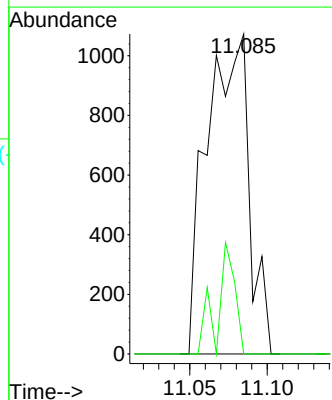
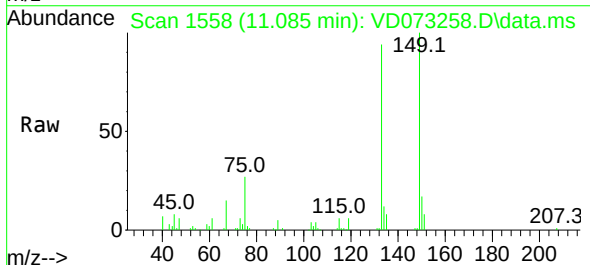
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-02

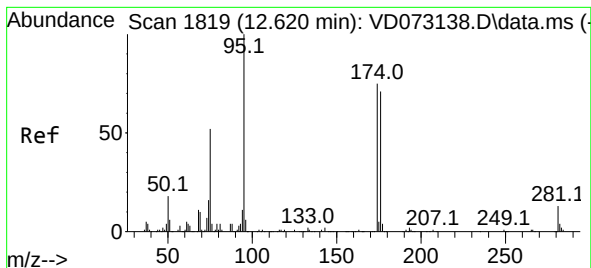
Tgt Ion: 98 Resp: 642643
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#59
2-Hexanone
Concen: 1.587 ug/l
RT: 11.085 min Scan# 1558
Delta R.T. 0.112 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

Tgt Ion: 43 Resp: 2035
Ion Ratio Lower Upper
43 100
58 14.5 25.3 75.9#

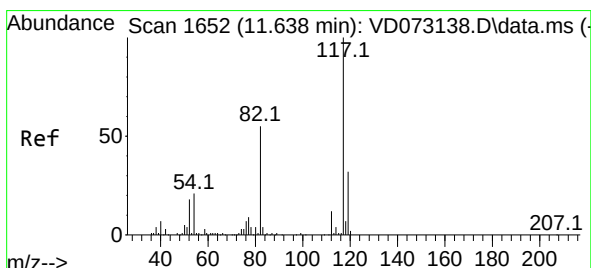
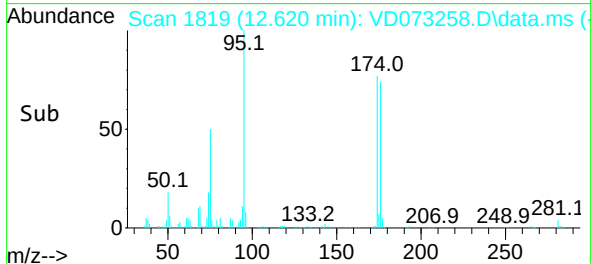
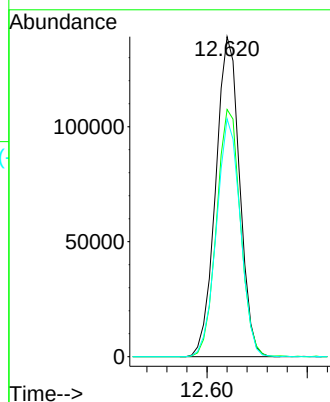
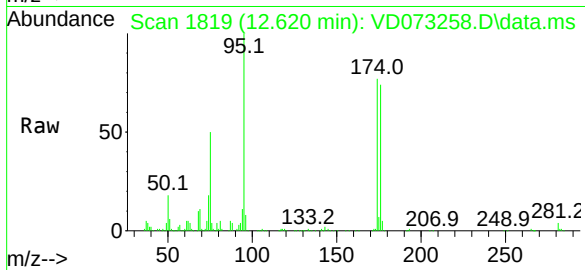




#62
4-Bromofluorobenzene
Concen: 52.065 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

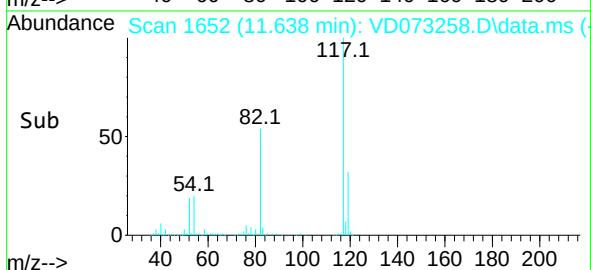
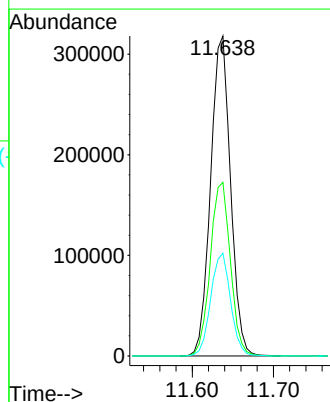
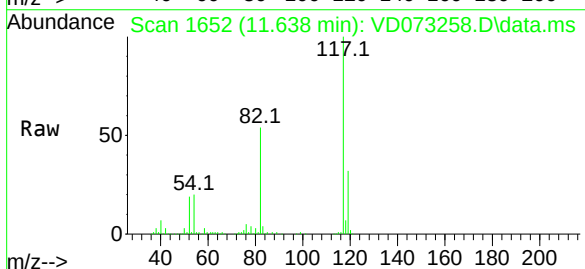
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-02

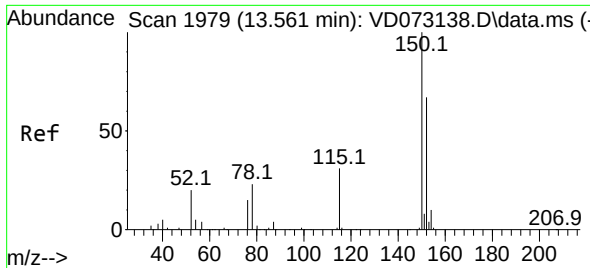
Tgt Ion: 95 Resp: 229651
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 74.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

Tgt Ion: 117 Resp: 541917
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 32.1 26.6 40.0

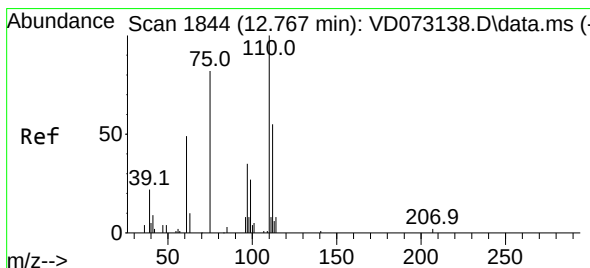
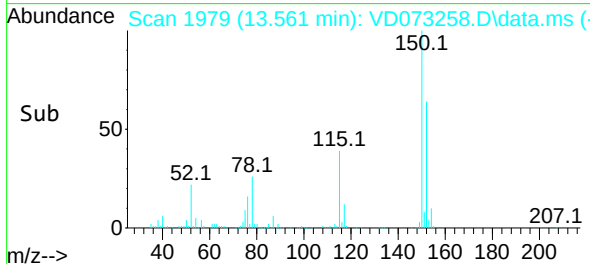
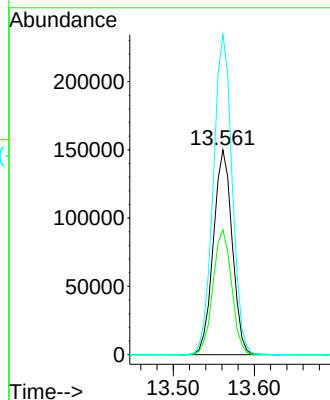
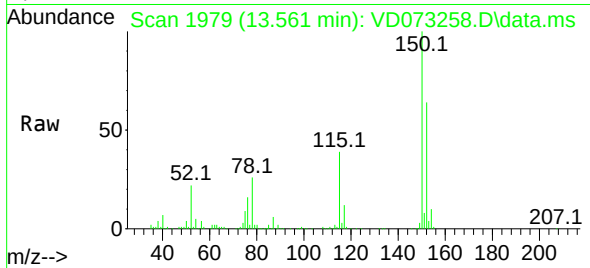




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073258.D
 Acq: 22 May 2022 06:32

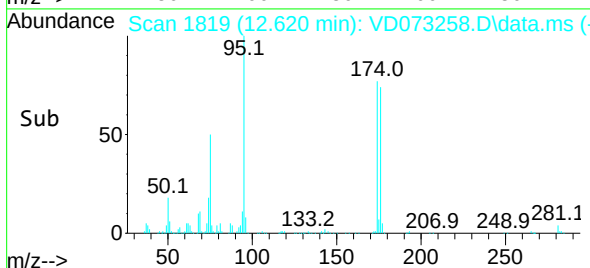
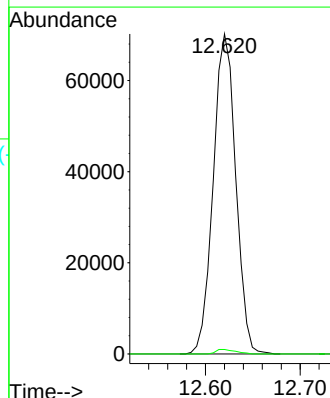
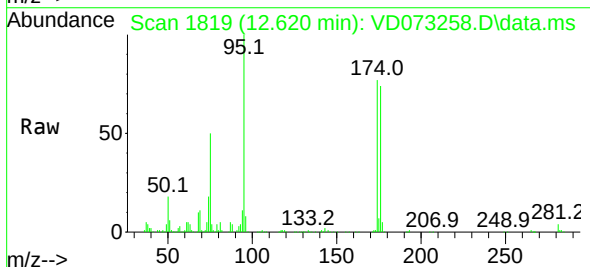
Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-02

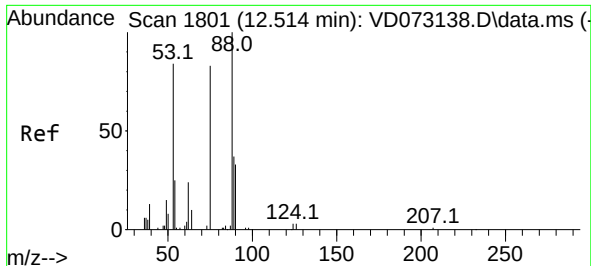
Tgt Ion:152 Resp: 241500
 Ion Ratio Lower Upper
 152 100
 115 60.4 31.3 93.8
 150 157.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 48.921 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073258.D
 Acq: 22 May 2022 06:32

Tgt Ion: 75 Resp: 115921
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

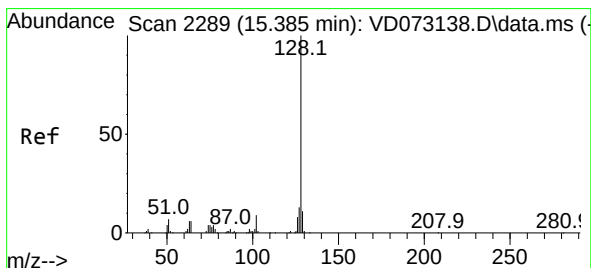
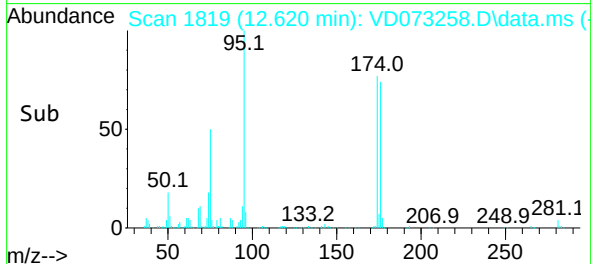
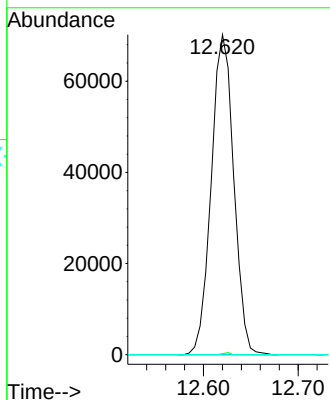
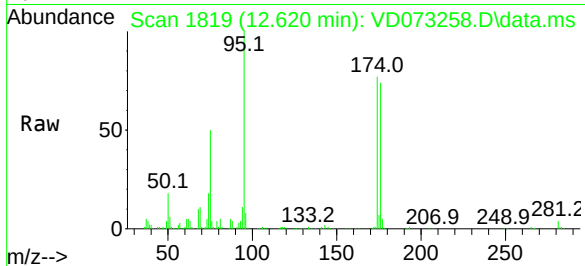




#81
trans-1,4-Dichloro-2-butene
Concen: 117.445 ug/l
RT: 12.620 min Scan# 115921
Delta R.T. 0.106 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-02

Tgt Ion: 75 Resp: 115921
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.559 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.011 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

Tgt Ion: 128 Resp: 147
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

