

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073918.D
 Acq On : 02 Aug 2022 11:03
 Operator : VA/SY
 Sample : VD0802SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL01

Quant Time: Aug 03 04:09:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

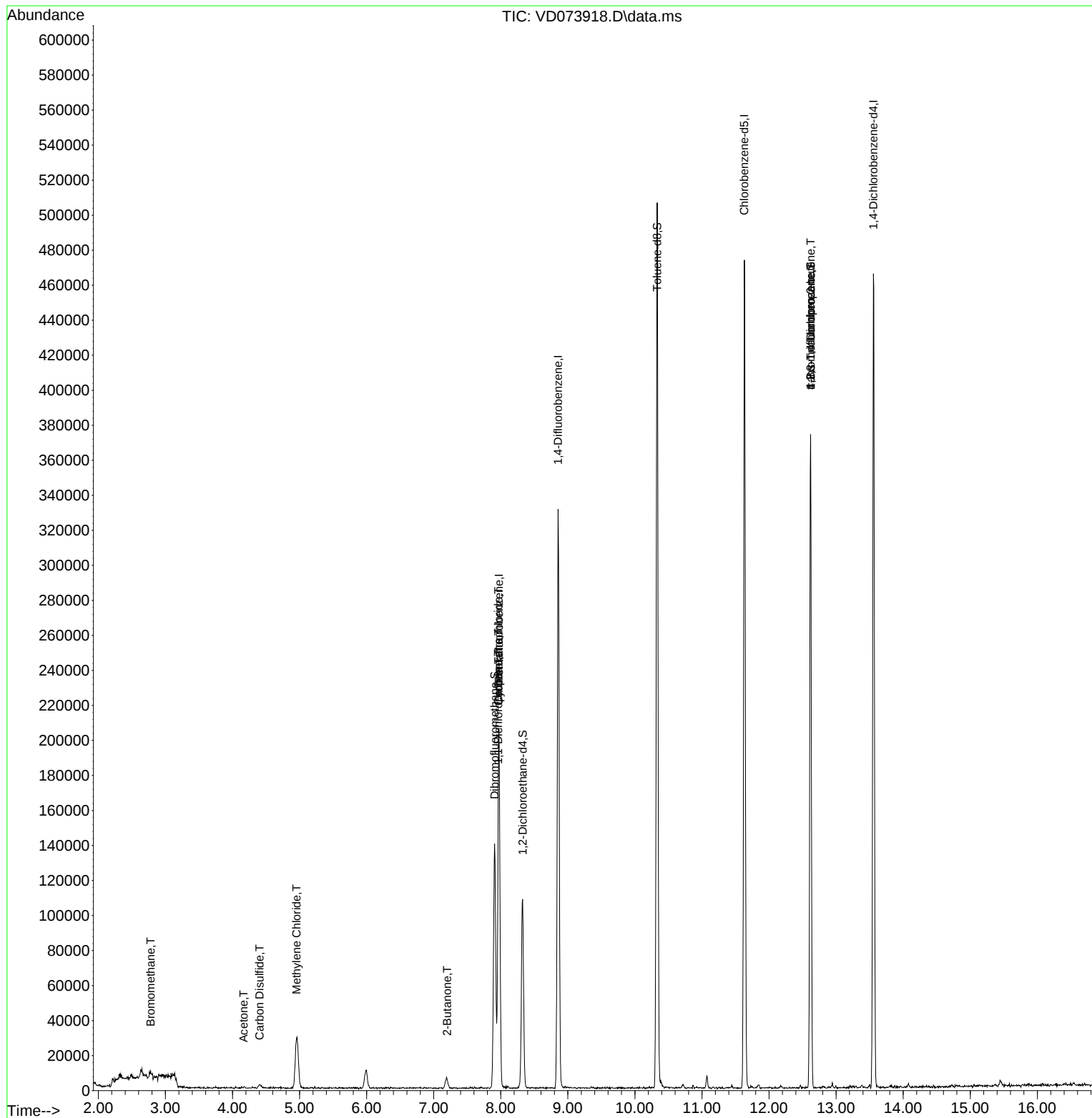
Internal Standards						
1) Pentafluorobenzene	7.973	168	146794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	275700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	266239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	123748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	86069	73.426	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 146.860%			
35) Dibromofluoromethane	7.908	113	95429	55.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.420%			
50) Toluene-d8	10.332	98	332290	57.588	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.180%			
62) 4-Bromofluorobenzene	12.620	95	120112	56.606	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.220%			
Target Compounds						
2) Dichlorodifluoromethane	1.991	85	363	Below Cal	#	43
5) Bromomethane	2.779	94	2579	1.588	ug/l	94
16) Acetone	4.167	43	891	12.555	ug/l #	46
17) Carbon Disulfide	4.403	76	4069	2.752	ug/l #	90
18) Methyl Acetate	4.714	43	78	Below Cal	#	48
20) Methylene Chloride	4.956	84	23350	2.031	ug/l	90
25) 2-Butanone	7.203	43	424	1.183	ug/l #	46
31) Cyclohexane	7.967	56	3917	1.723	ug/l #	35
36) 1,1-Dichloropropene	7.961	75	12457	5.106	ug/l #	49
38) Carbon Tetrachloride	7.967	117	14852	5.434	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	65521	71.485	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	65521	151.903	ug/l #	13

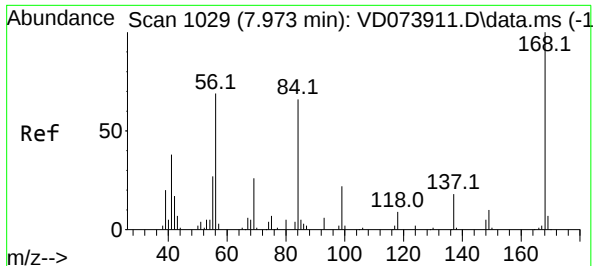
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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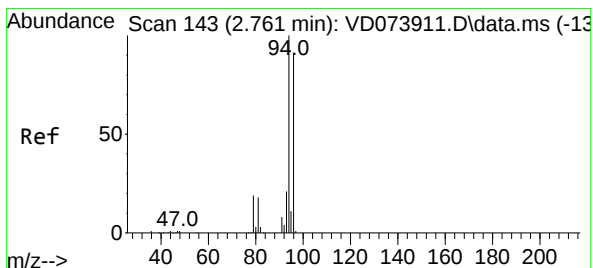
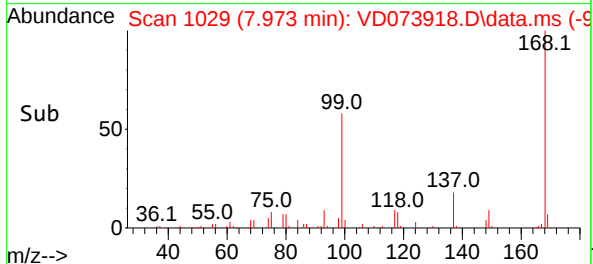
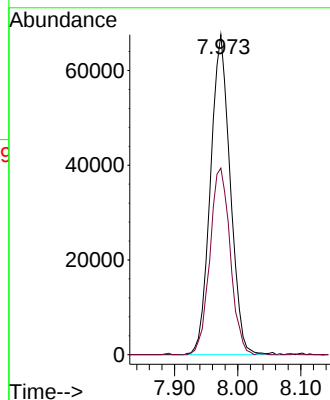
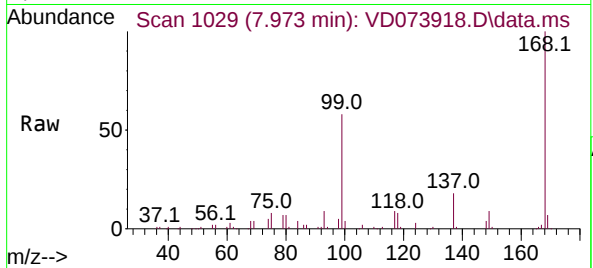




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

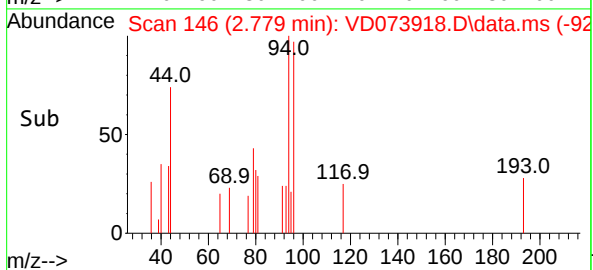
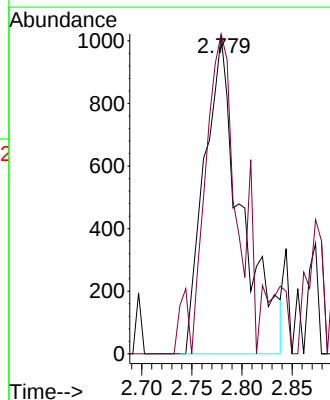
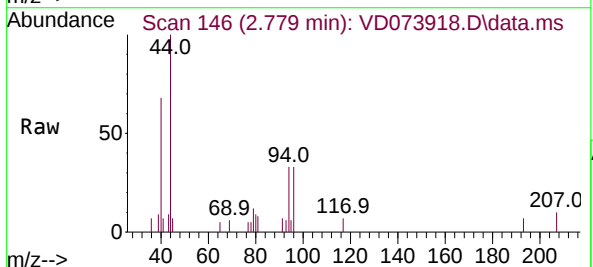
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

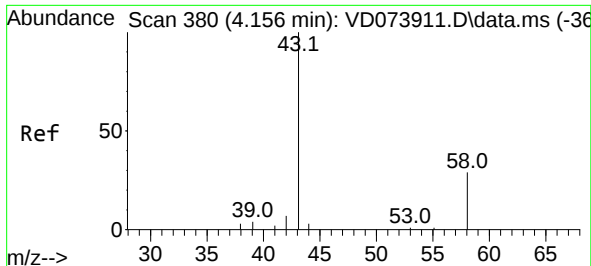
Tgt Ion:168 Resp: 146794
Ion Ratio Lower Upper
168 100
99 58.3 52.2 78.4



#5
Bromomethane
Concen: 1.588 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.018 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

Tgt Ion: 94 Resp: 2579
Ion Ratio Lower Upper
94 100
96 85.3 72.7 109.1

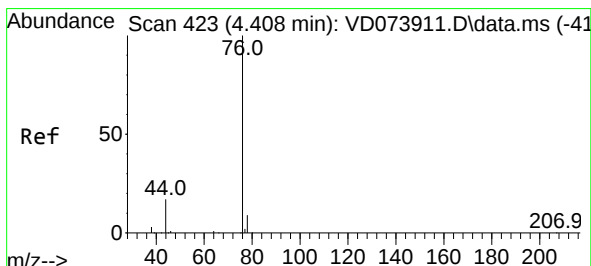
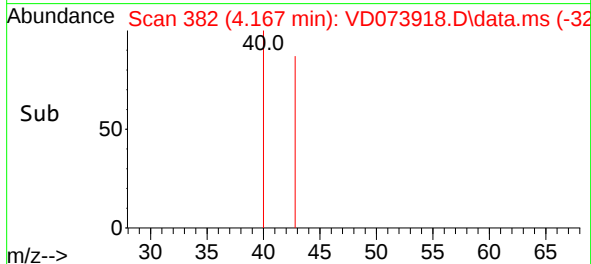
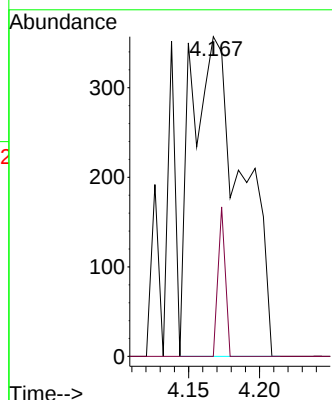
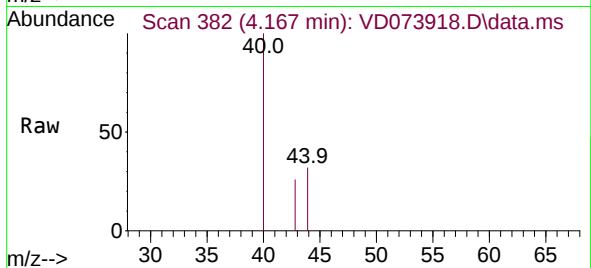




#16
Acetone
Concen: 12.555 ug/l
RT: 4.167 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

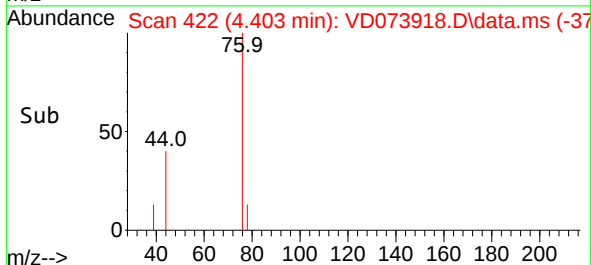
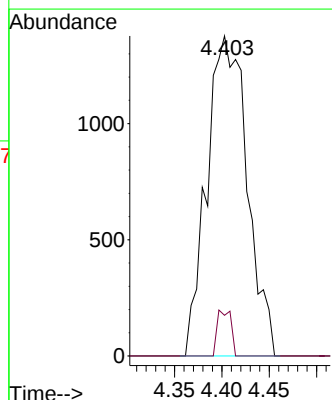
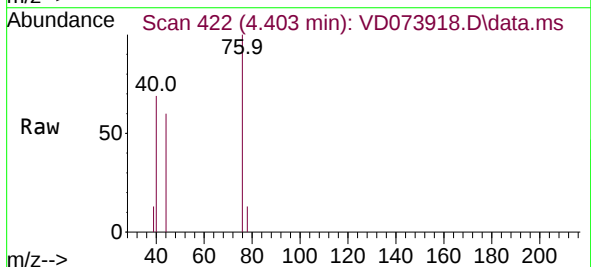
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

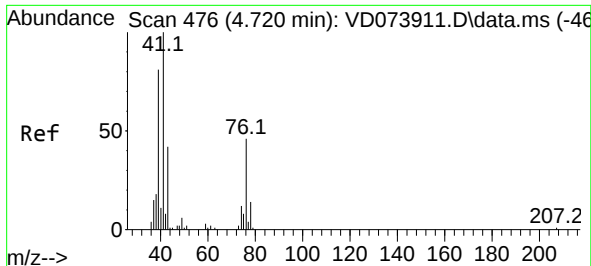
Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



#17
Carbon Disulfide
Concen: 2.752 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.005 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

Tgt Ion: 76 Resp: 4069
Ion Ratio Lower Upper
76 100
78 12.7 7.3 10.9#

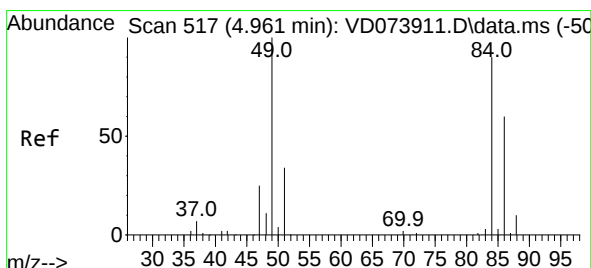
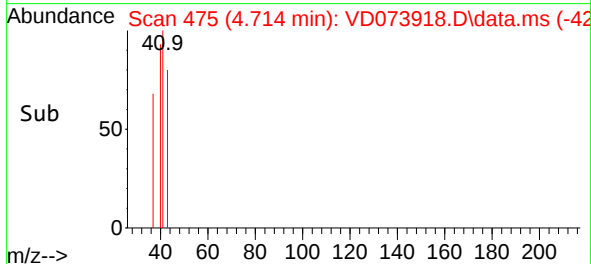
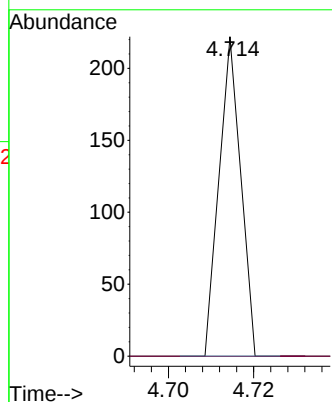
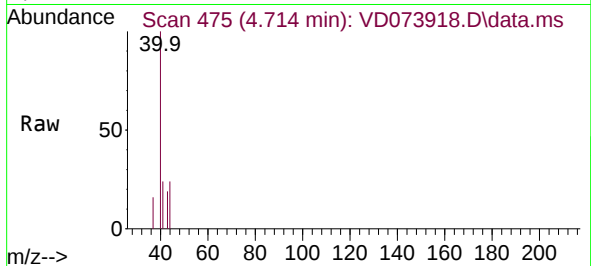




#18
Methyl Acetate
Concen: Below Cal
RT: 4.714 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

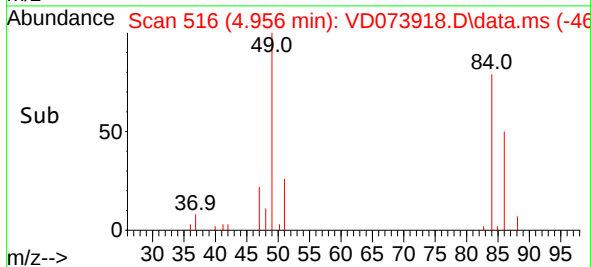
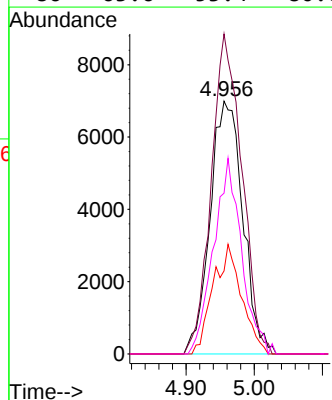
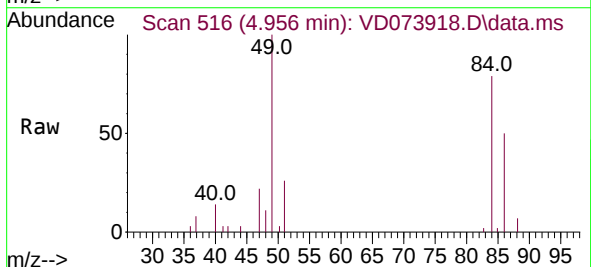
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

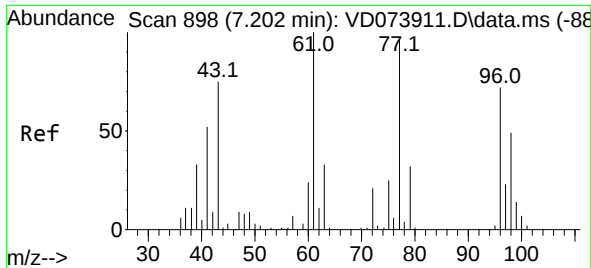
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: 2.031 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

Tgt Ion: 84 Resp: 23350
Ion Ratio Lower Upper
84 100
49 126.6 89.1 133.7
51 32.9 29.8 44.8
86 63.6 53.4 80.0

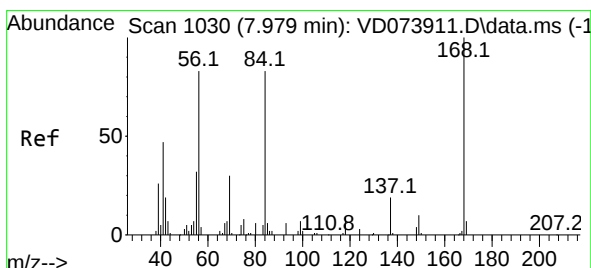
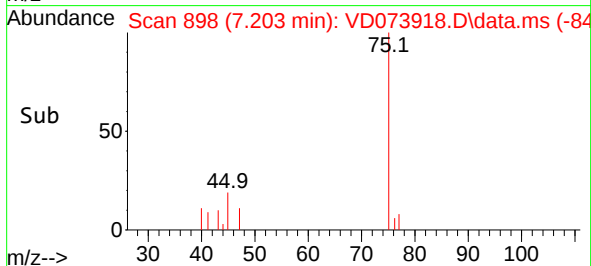
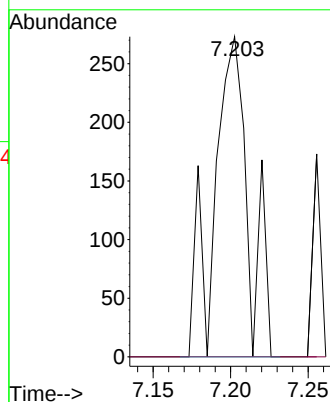
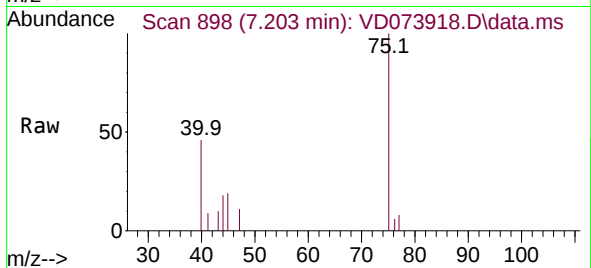




#25
2-Butanone
Concen: 1.183 ug/l
RT: 7.203 min Scan# 89
Delta R.T. 0.000 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

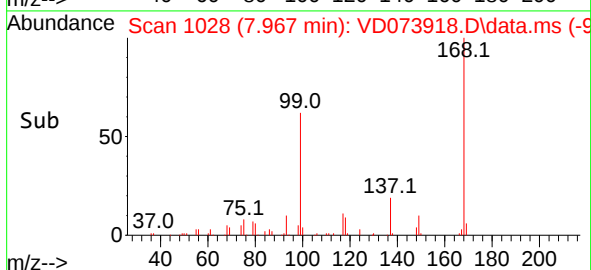
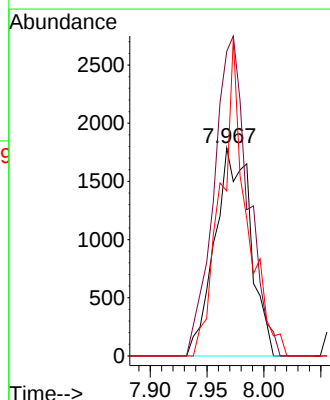
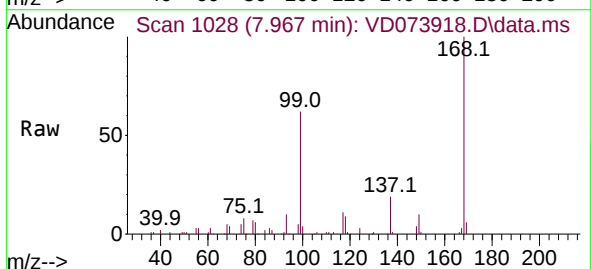
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

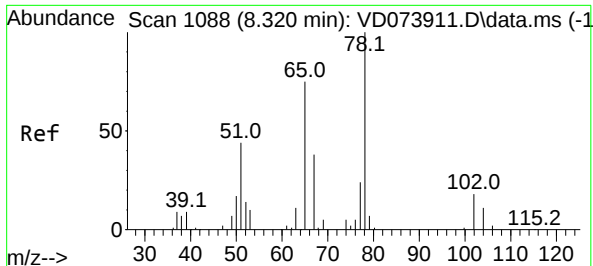
Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
72 0.0 22.7 34.1#



#31
Cyclohexane
Concen: 1.723 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

Tgt Ion: 56 Resp: 3917
Ion Ratio Lower Upper
56 100
69 146.4 29.2 43.8#
84 79.3 80.0 120.0#





#33

1,2-Dichloroethane-d4

Concen: 73.426 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073918.D

Acq: 02 Aug 2022 11:03

Instrument :

MSVOA_D

ClientSampleId :

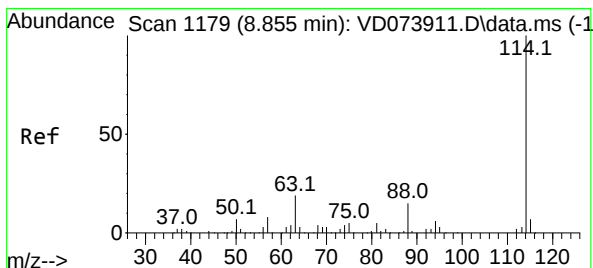
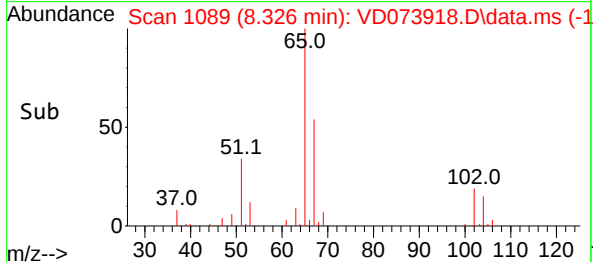
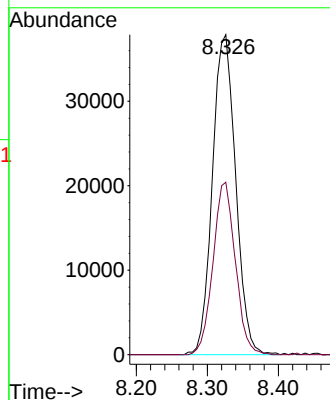
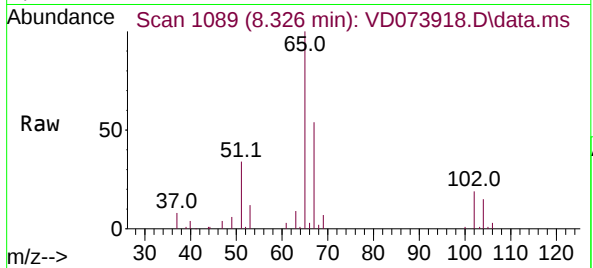
VD0802SBL01

Tgt Ion: 65 Resp: 86069

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073918.D

Acq: 02 Aug 2022 11:03

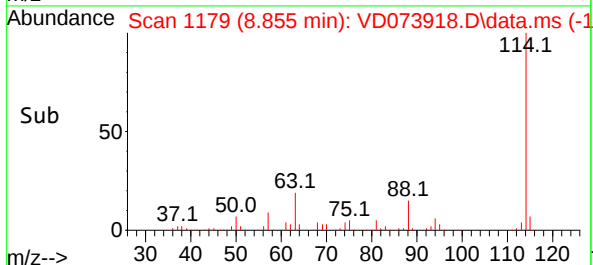
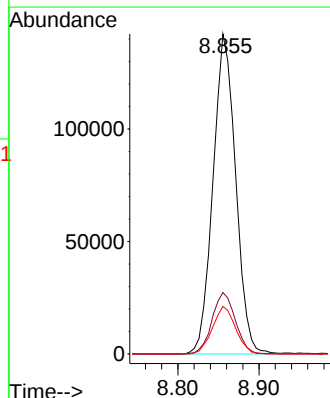
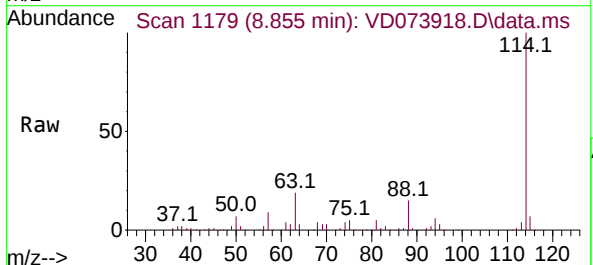
Tgt Ion: 114 Resp: 275700

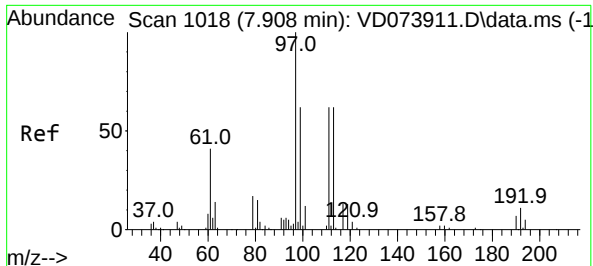
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 55.710 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073918.D

Acq: 02 Aug 2022 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0802SBL01

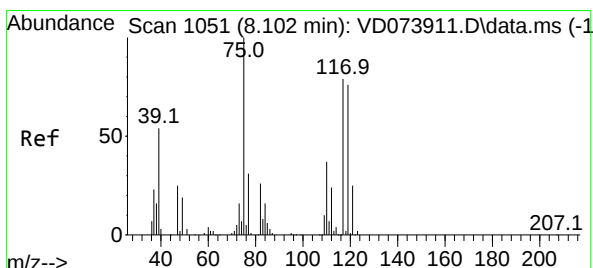
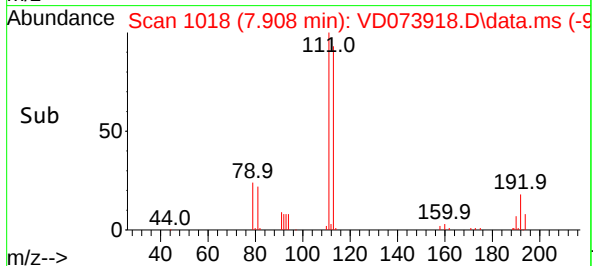
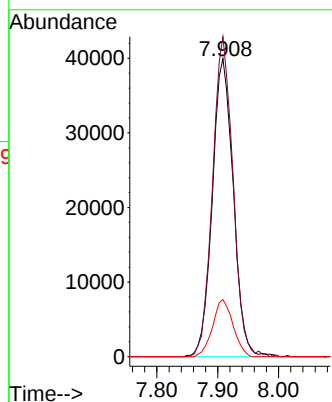
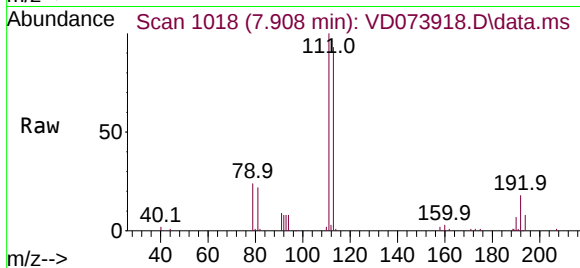
Tgt Ion:113 Resp: 95429

Ion Ratio Lower Upper

113 100

111 104.5 83.7 125.5

192 18.7 15.0 22.6



#36

1,1-Dichloropropene

Concen: 5.106 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.141 min

Lab File: VD073918.D

Acq: 02 Aug 2022 11:03

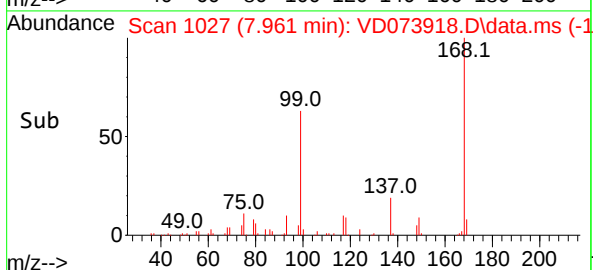
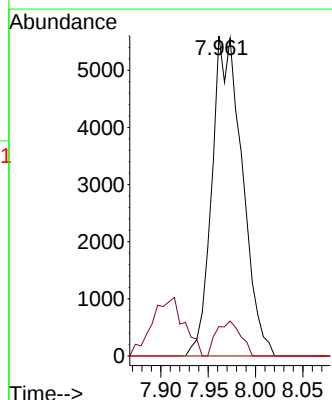
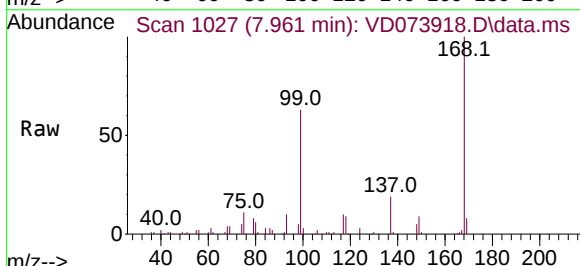
Tgt Ion: 75 Resp: 12457

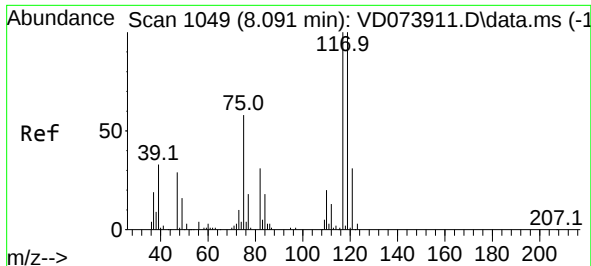
Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.1#

77 0.0 24.7 37.1#

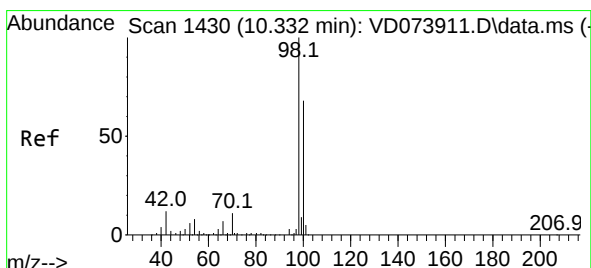
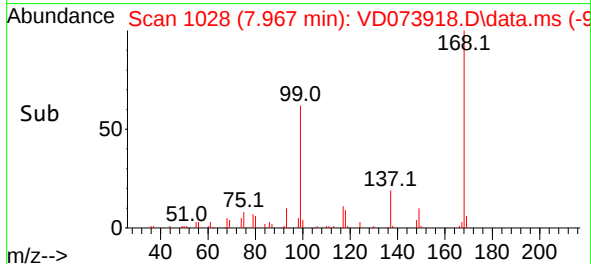
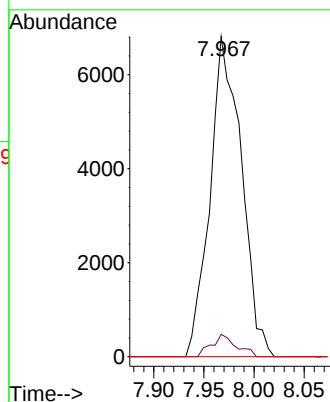
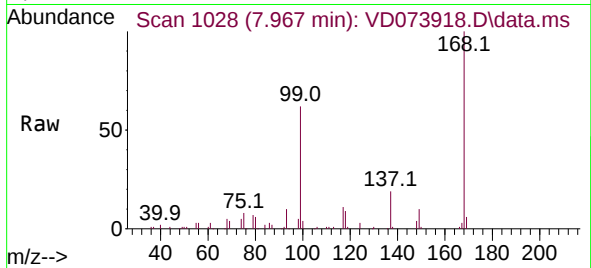




#38
Carbon Tetrachloride
Concen: 5.434 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.123 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

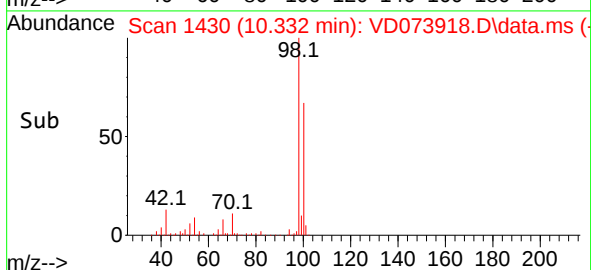
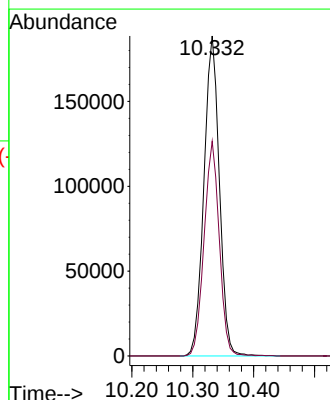
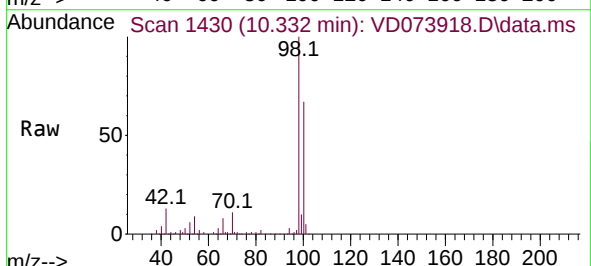
Instrument :
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VD0802SBL01

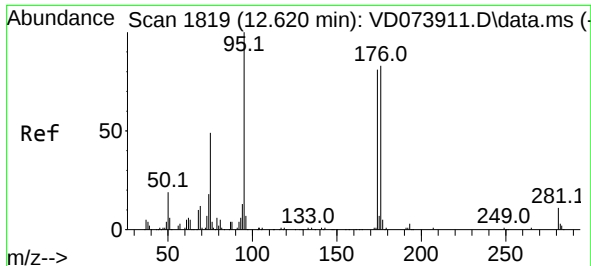
Tgt Ion:117 Resp: 14852
Ion Ratio Lower Upper
117 100
119 7.0 79.6 119.4#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 57.588 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

Tgt Ion: 98 Resp: 332290
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

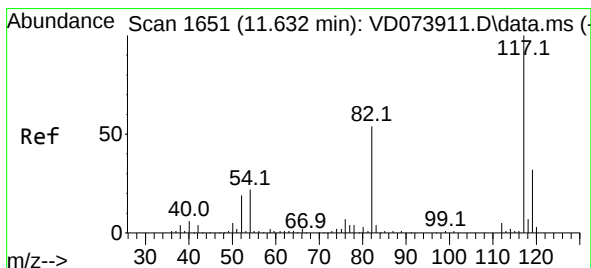
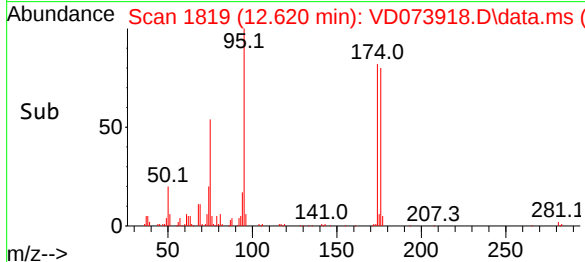
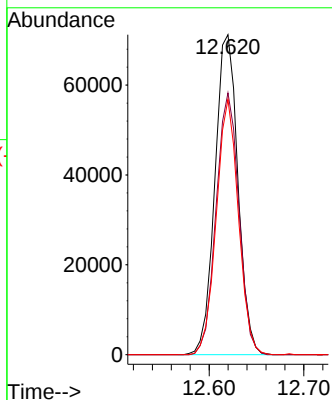
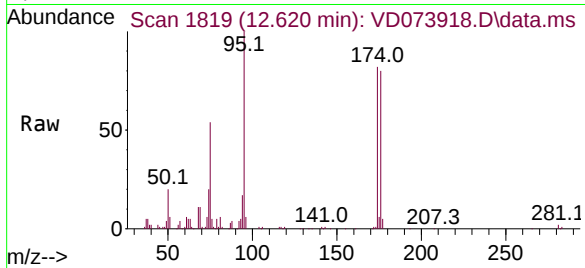




#62
4-Bromofluorobenzene
Concen: 56.606 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

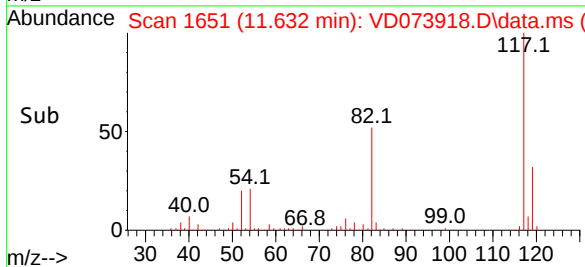
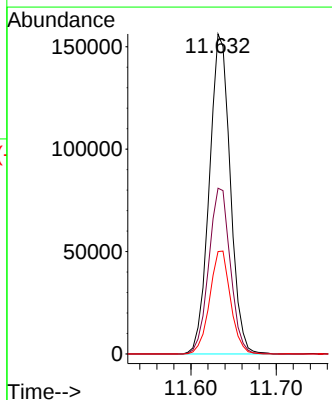
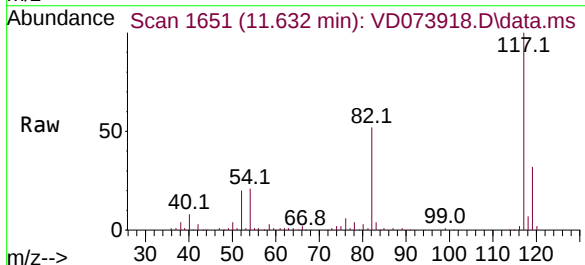
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

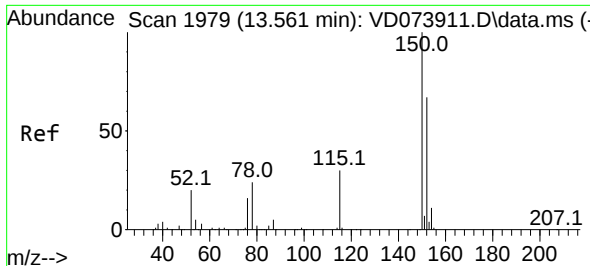
Tgt Ion: 95 Resp: 120112
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.2
176 76.6 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

Tgt Ion: 117 Resp: 266239
Ion Ratio Lower Upper
117 100
82 51.8 43.3 64.9
119 32.0 25.8 38.8

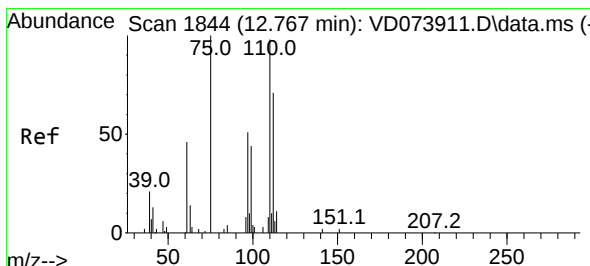
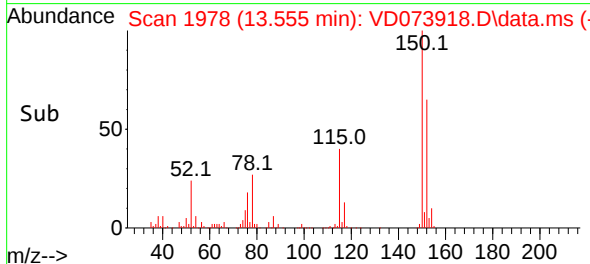
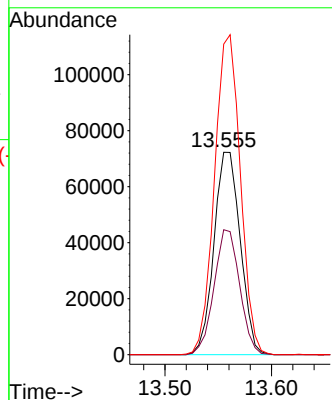
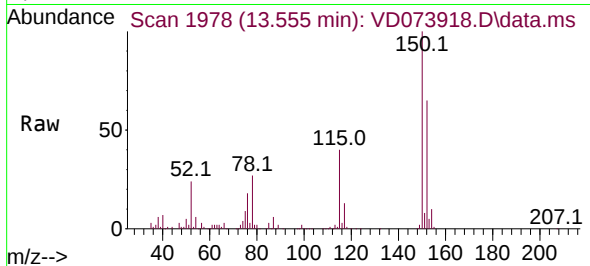




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

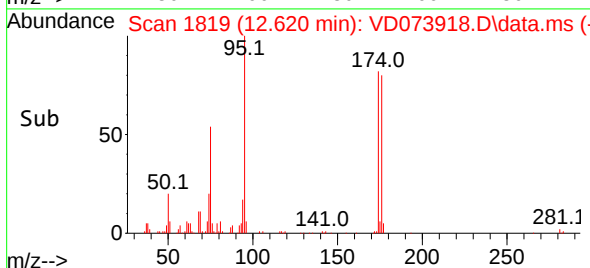
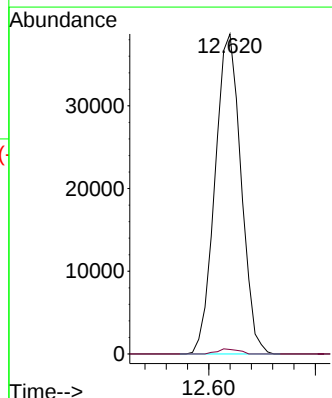
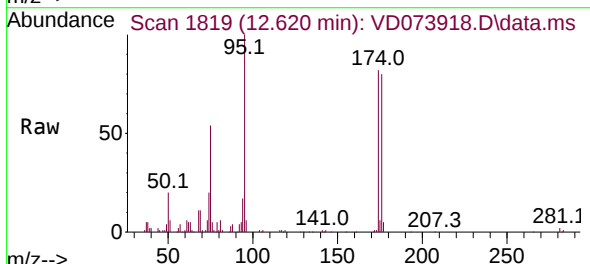
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

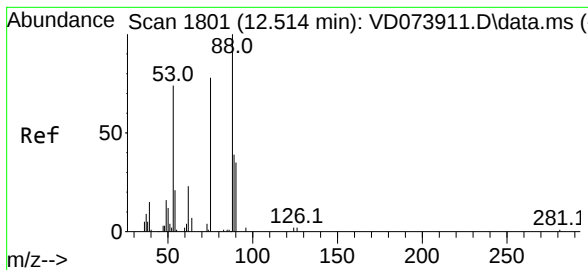
Tgt Ion:152 Resp: 123748
Ion Ratio Lower Upper
152 100
115 60.2 29.1 87.3
150 155.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 71.485 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

Tgt Ion: 75 Resp: 65521
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.903 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073918.D
 Acq: 02 Aug 2022 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL01

Tgt Ion: 75 Resp: 65521
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.6 107.4#
 89 0.0 39.8 59.6#

