

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073476.D
 Acq On : 06 Jun 2022 15:52
 Operator : VA/SY
 Sample : VD0606SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0606SBL01

Quant Time: Jun 07 01:12:52 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)

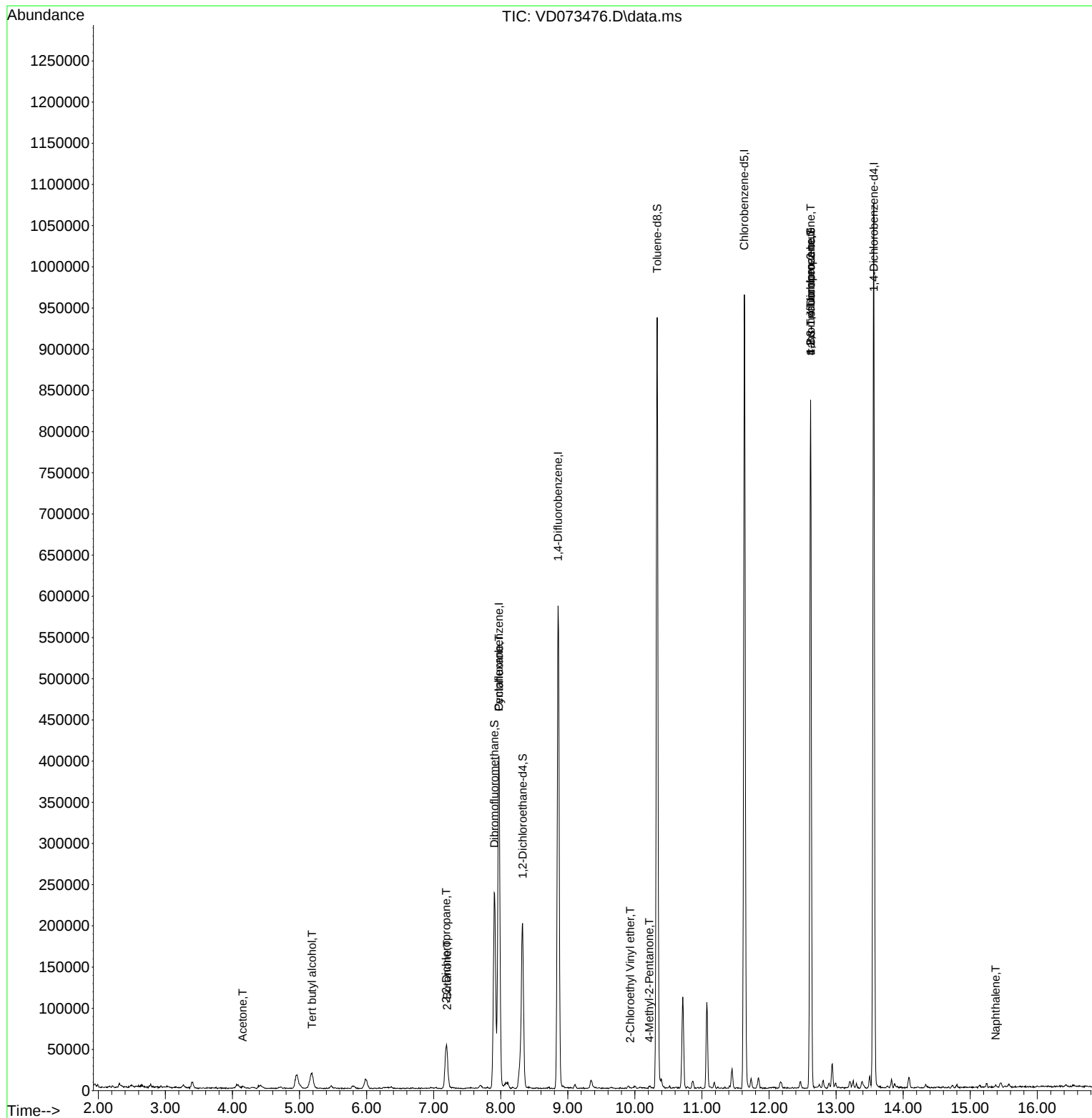
Internal Standards						
1) Pentafluorobenzene	7.973	168	299346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	513934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	567870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	277114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	156566	47.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.660%
35) Dibromofluoromethane	7.903	113	172878	50.977	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.960%
50) Toluene-d8	10.332	98	635715	50.853	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.620	95	260029	59.271	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.540%
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	1756	Below Cal	#	74
11) Tert butyl alcohol	5.185	59	16746	32.626	ug/l #	75
16) Acetone	4.150	43	4776	8.335	ug/l	96
20) Methylene Chloride	4.962	84	13197	Below Cal		88
25) 2-Butanone	7.203	43	2183	2.604	ug/l #	52
26) 2,2-Dichloropropane	7.185	77	6004	1.077	ug/l #	64
31) Cyclohexane	7.973	56	9486	1.641	ug/l #	1
51) 4-Methyl-2-Pentanone	10.214	43	2232	1.154	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.932	63	481	21.923	ug/l #	48
76) 1,2,3-Trichloropropane	12.620	75	132591	48.765	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	132591	117.070	ug/l #	7
95) Naphthalene	15.379	128	2480	3.796	ug/l #	87

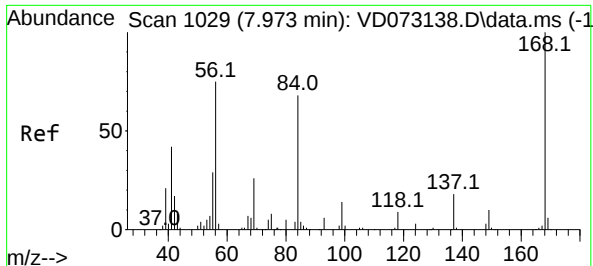
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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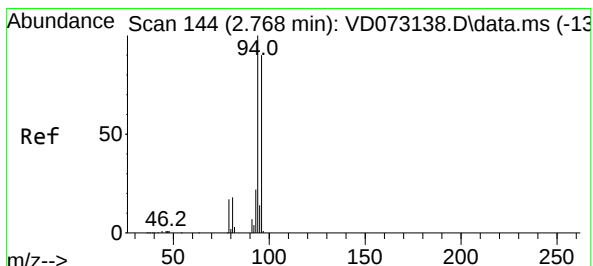
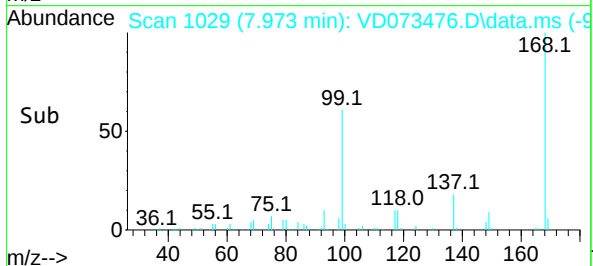
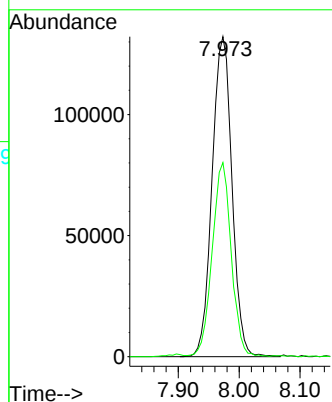
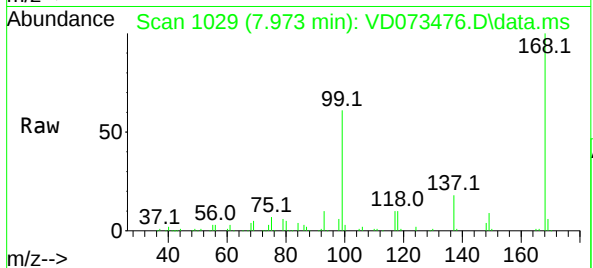




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

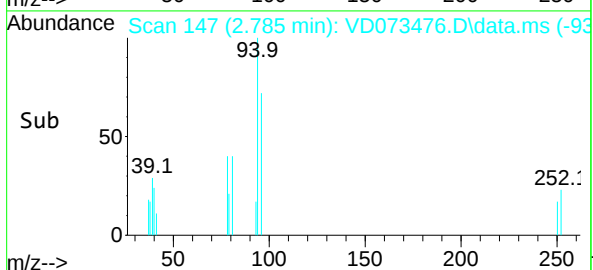
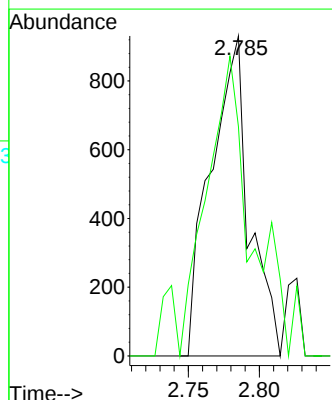
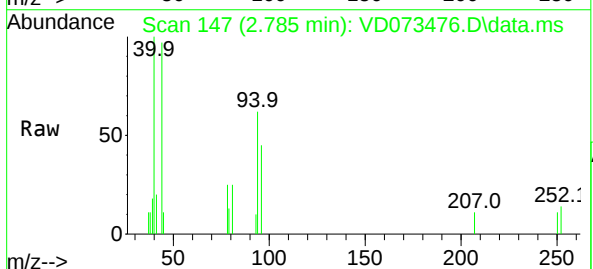
Instrument :
MSVOA_D
ClientSampleId :
VD0606SBL01

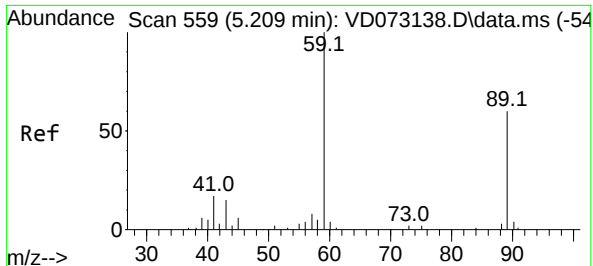
Tgt Ion:168 Resp: 299346
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

Tgt Ion: 94 Resp: 1756
Ion Ratio Lower Upper
94 100
96 71.6 77.6 116.4#

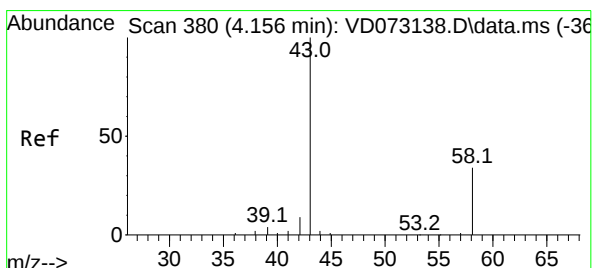
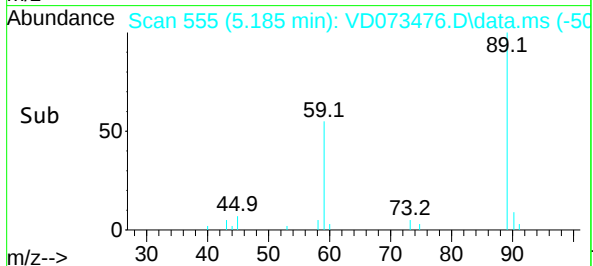
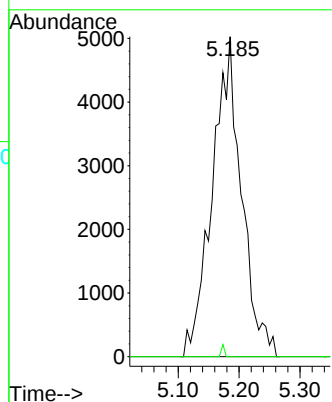
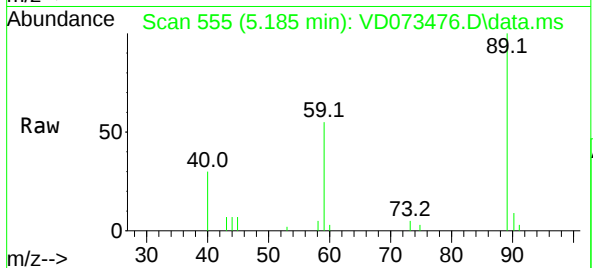




#11
Tert butyl alcohol
Concen: 32.626 ug/l
RT: 5.185 min Scan# 511
Delta R.T. -0.024 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

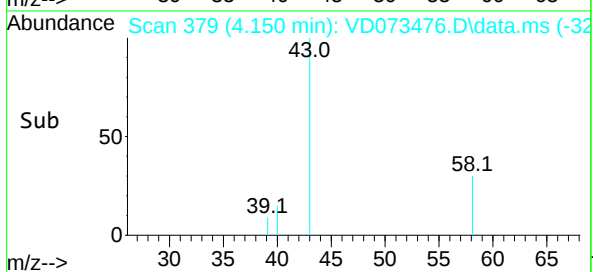
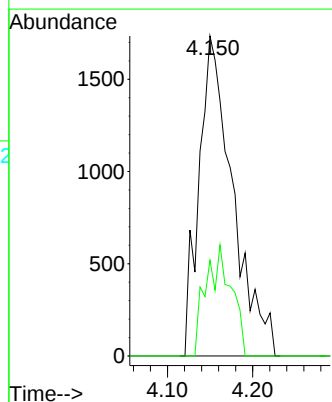
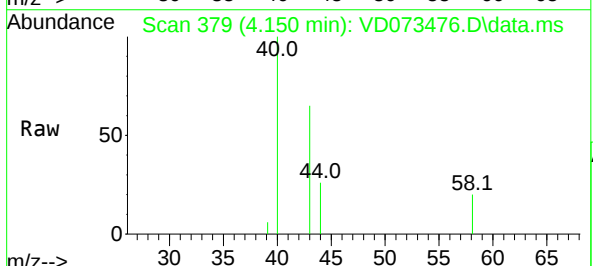
Instrument :
MSVOA_D
ClientSampleId :
VD0606SBL01

Tgt Ion: 59 Resp: 16746
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.6#



#16
Acetone
Concen: 8.335 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

Tgt Ion: 43 Resp: 4776
Ion Ratio Lower Upper
43 100
58 29.9 22.1 33.1





#25

2-Butanone

Concen: 2.604 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.005 min

Lab File: VD073476.D

Acq: 06 Jun 2022 15:52

Instrument :

MSVOA_D

ClientSampleId :

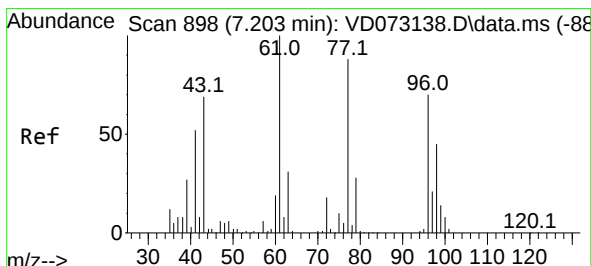
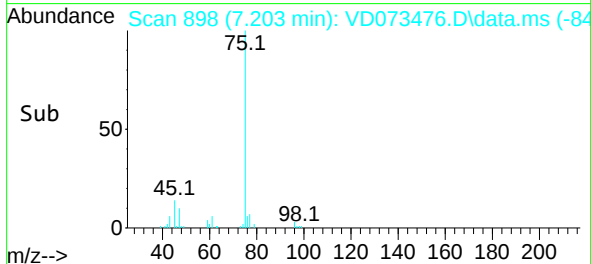
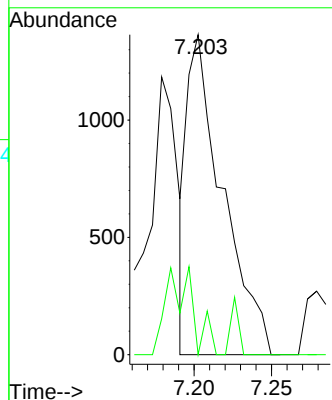
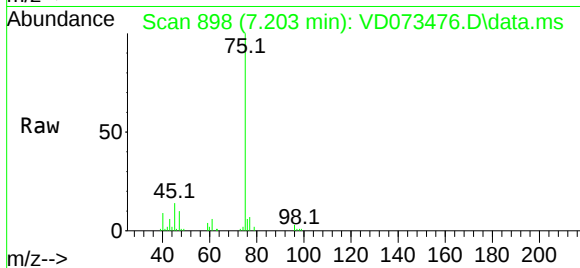
VD0606SBL01

Tgt Ion: 43 Resp: 2183

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#26

2,2-Dichloropropane

Concen: 1.077 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.018 min

Lab File: VD073476.D

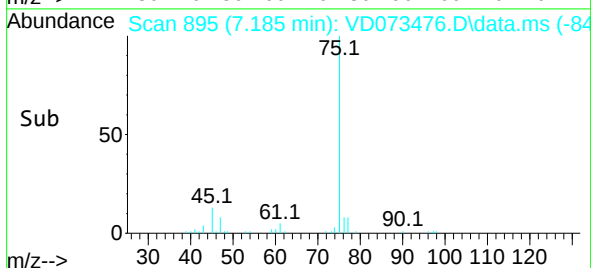
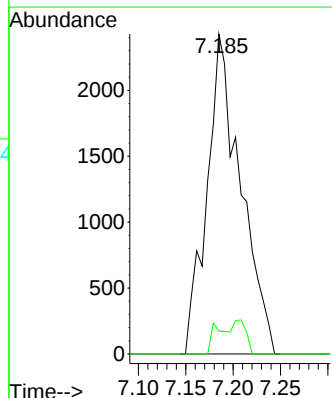
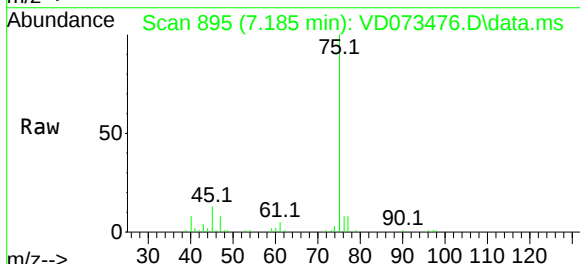
Acq: 06 Jun 2022 15:52

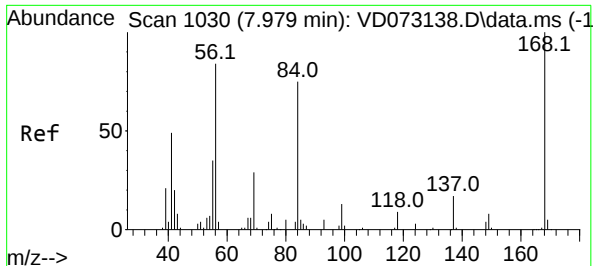
Tgt Ion: 77 Resp: 6004

Ion Ratio Lower Upper

77 100

97 4.4 10.8 32.4#

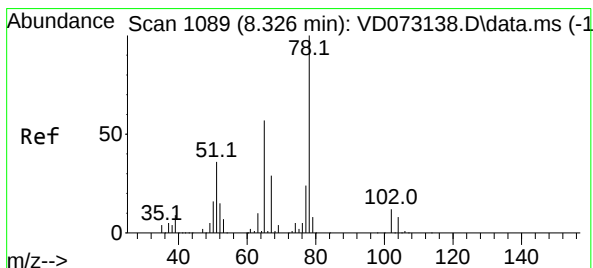
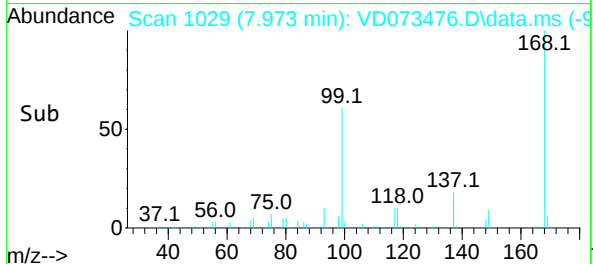
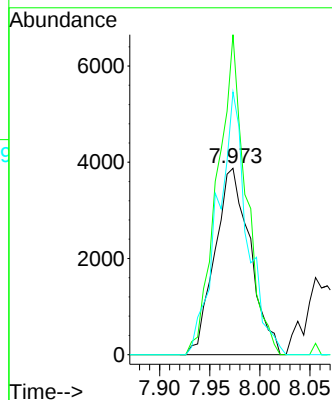
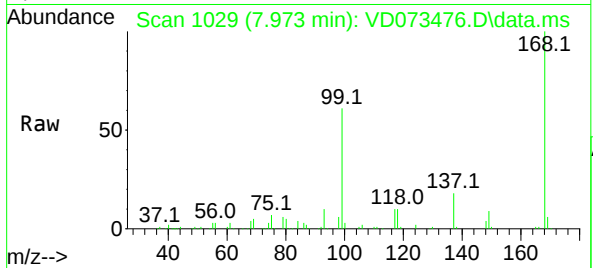




#31
Cyclohexane
Concen: 1.641 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

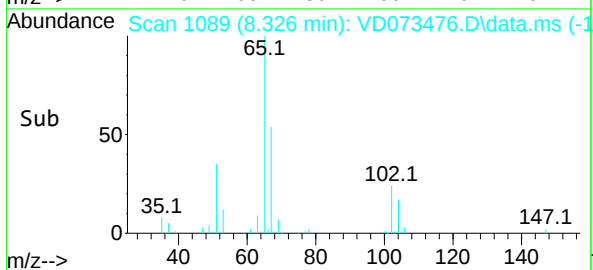
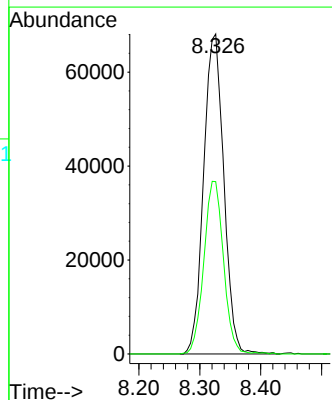
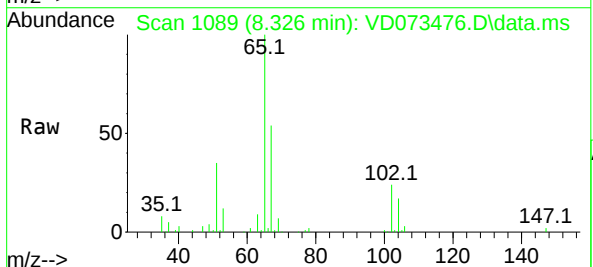
Instrument :
MSVOA_D
ClientSampleId :
VD0606SBL01

Tgt Ion: 56 Resp: 9486
Ion Ratio Lower Upper
56 100
69 171.7 25.4 38.2#
84 141.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 47.327 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

Tgt Ion: 65 Resp: 156566
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.4

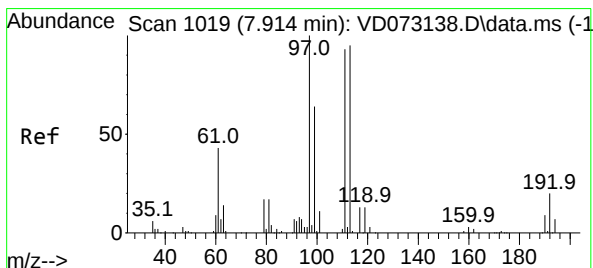
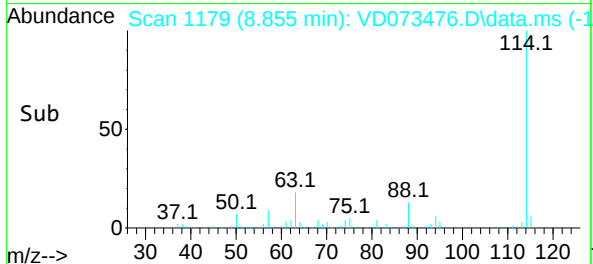
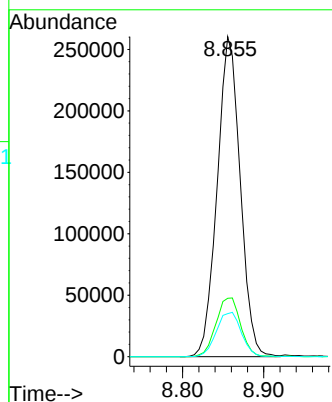
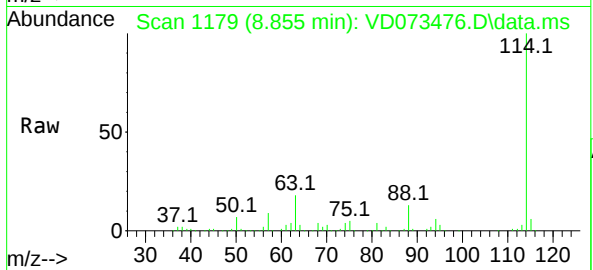




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

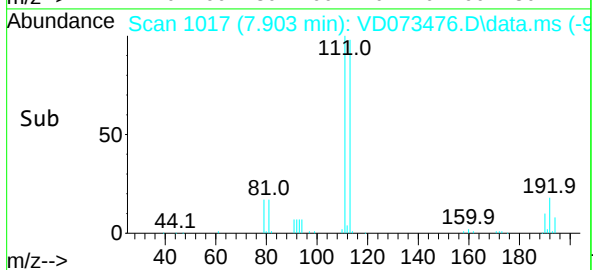
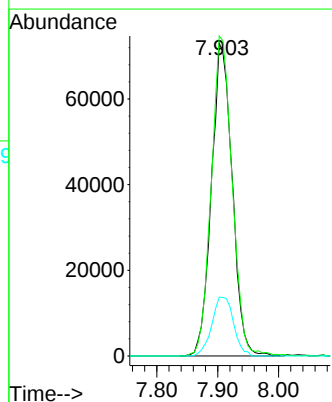
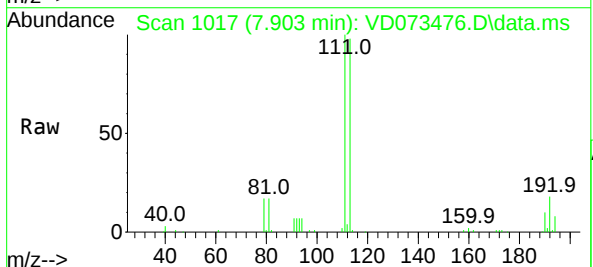
Instrument :
MSVOA_D
ClientSampleId :
VD0606SBL01

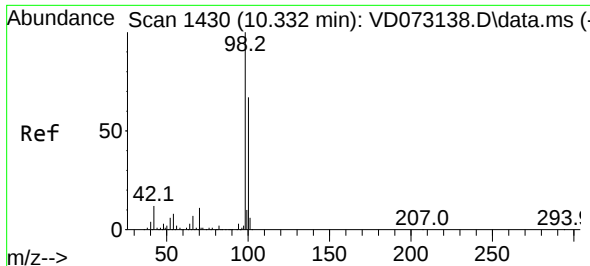
Tgt Ion:114 Resp: 513934
Ion Ratio Lower Upper
114 100
63 18.2 0.0 46.6
88 13.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.977 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.011 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

Tgt Ion:113 Resp: 172878
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 19.7 14.6 21.8

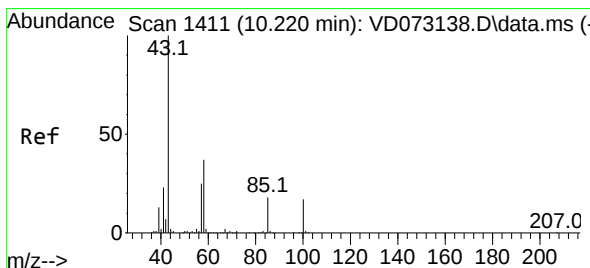
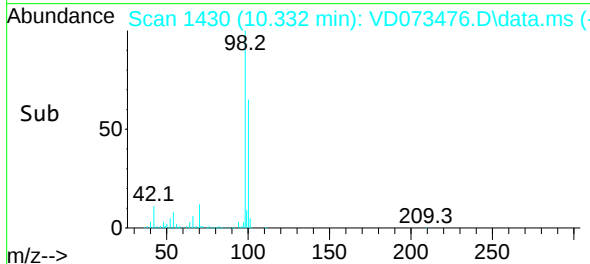
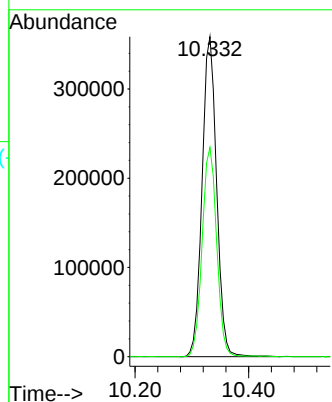
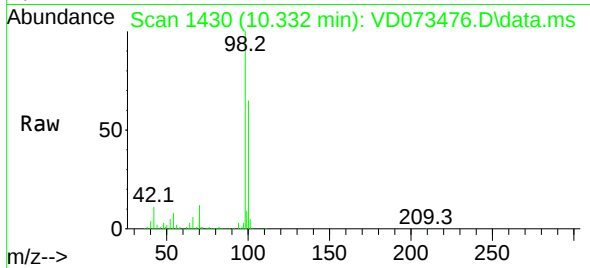




#50
Toluene-d8
Concen: 50.853 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

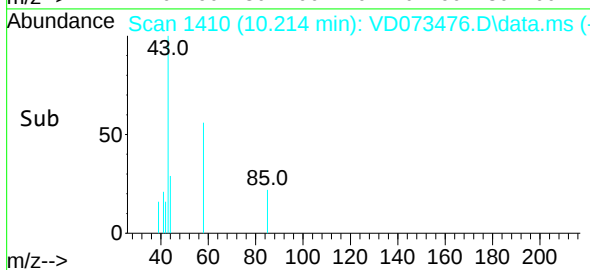
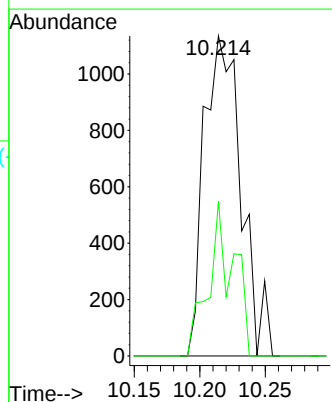
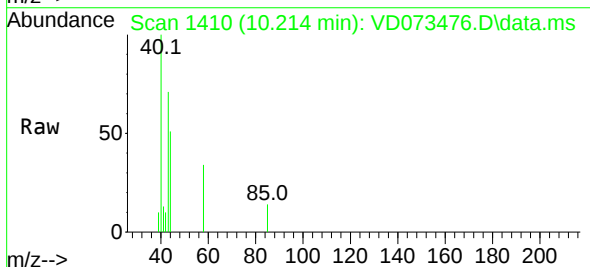
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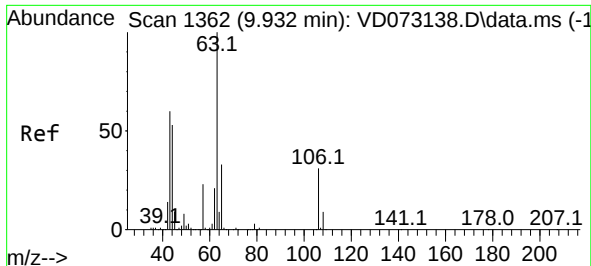
Tgt Ion: 98 Resp: 635715
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.154 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

Tgt Ion: 43 Resp: 2232
Ion Ratio Lower Upper
43 100
58 32.7 28.6 43.0

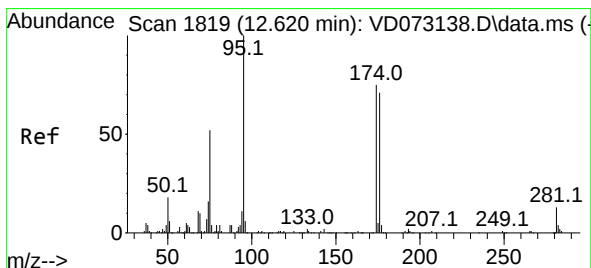
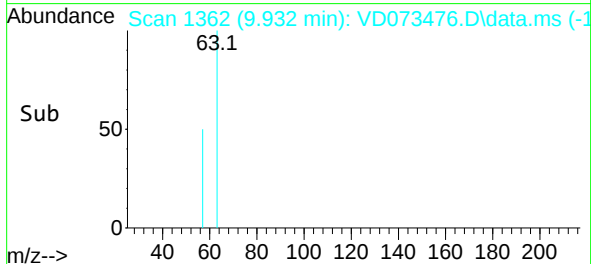
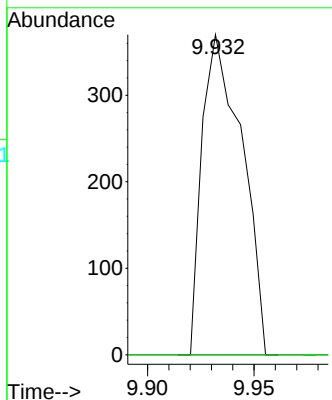
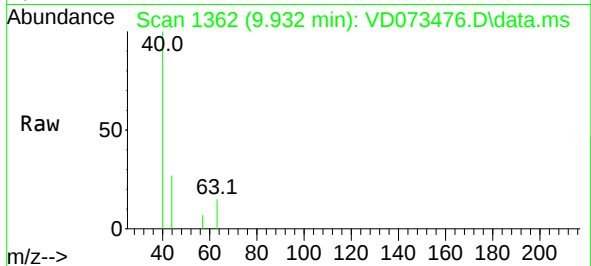




#58
2-Chloroethyl Vinyl ether
Concen: 21.923 ug/l
RT: 9.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

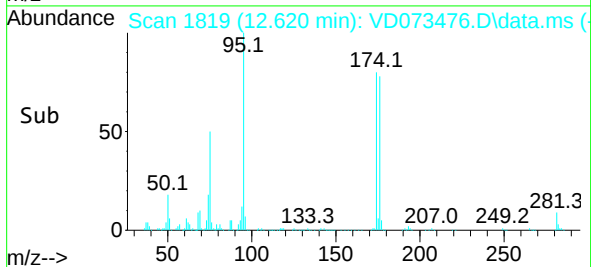
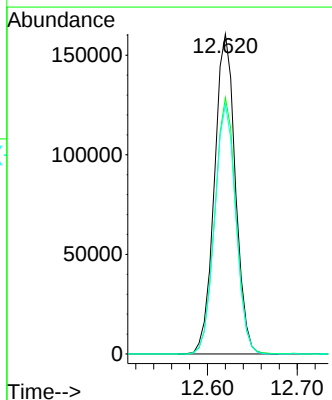
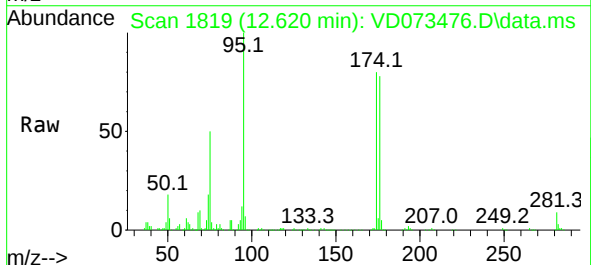
Instrument :
MSVOA_D
ClientSampleId :
VD0606SBL01

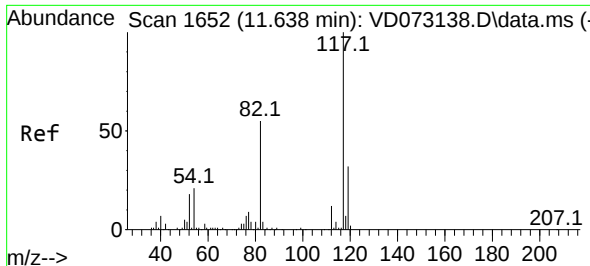
Tgt Ion: 63 Resp: 481
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#



#62
4-Bromofluorobenzene
Concen: 59.271 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

Tgt Ion: 95 Resp: 260029
Ion Ratio Lower Upper
95 100
174 80.8 0.0 152.8
176 78.5 0.0 145.4

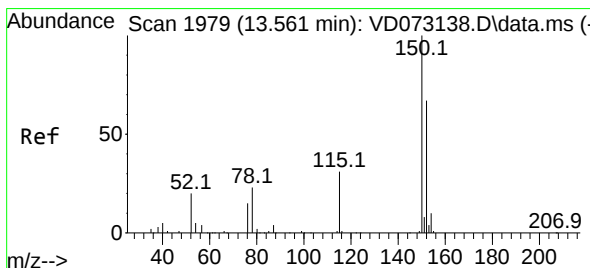
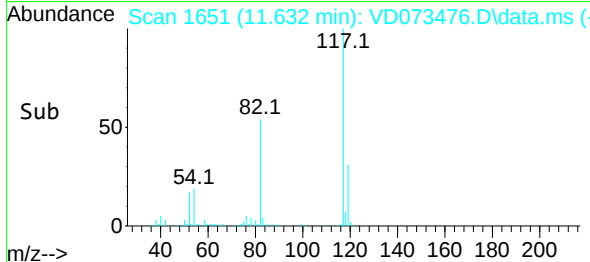
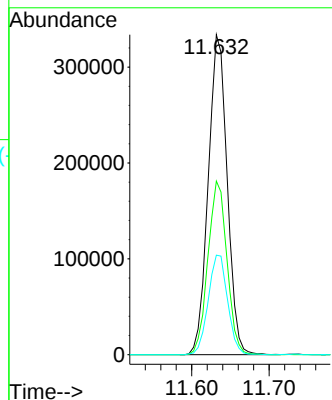
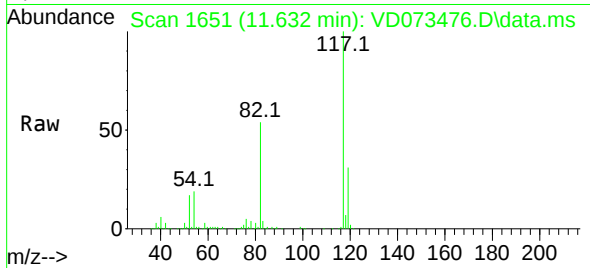




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

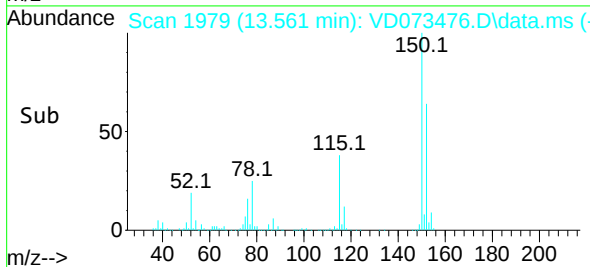
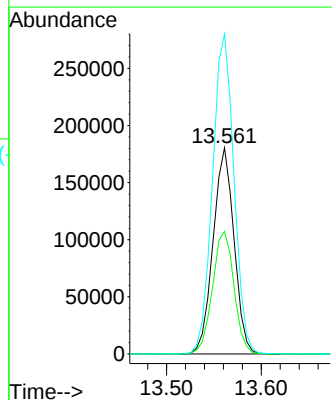
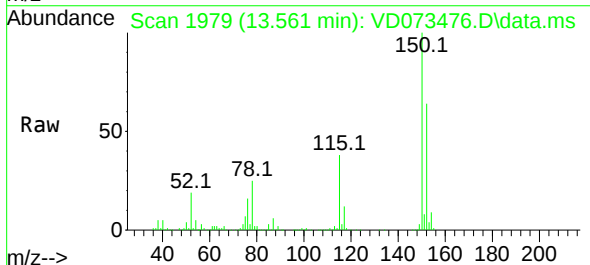
Instrument :
MSVOA_D
ClientSampleId :
VD0606SBL01

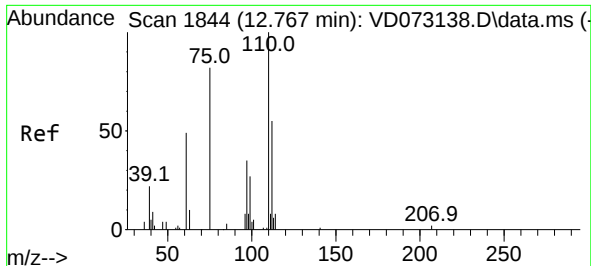
Tgt Ion:117 Resp: 567870
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 31.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

Tgt Ion:152 Resp: 277114
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 159.2 0.0 348.6

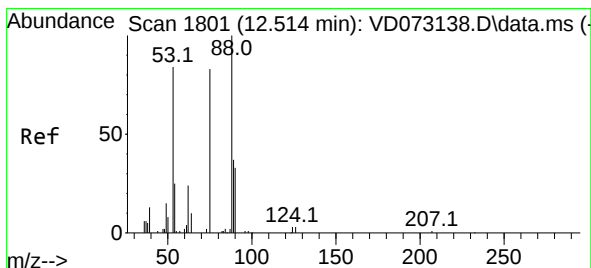
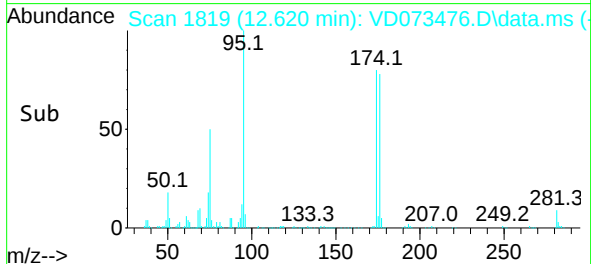
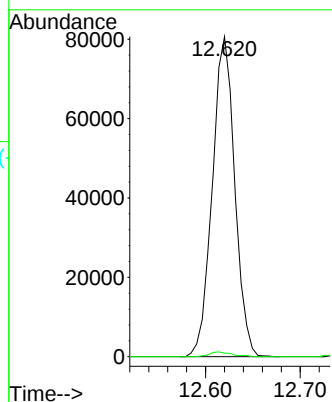
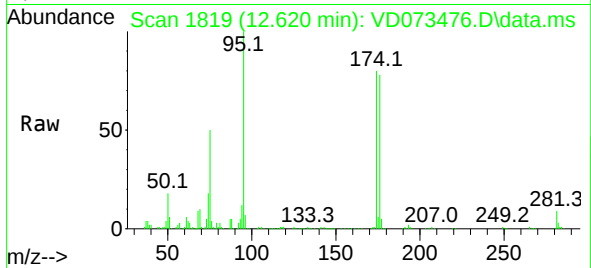




#76
1,2,3-Trichloropropane
Concen: 48.765 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

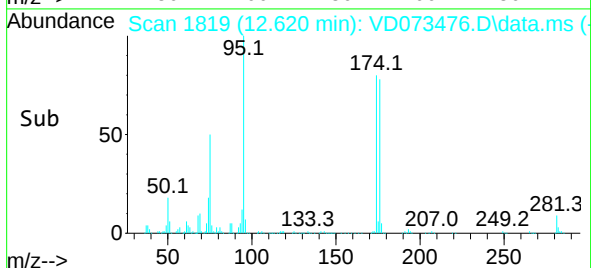
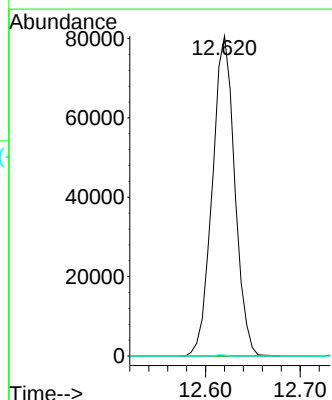
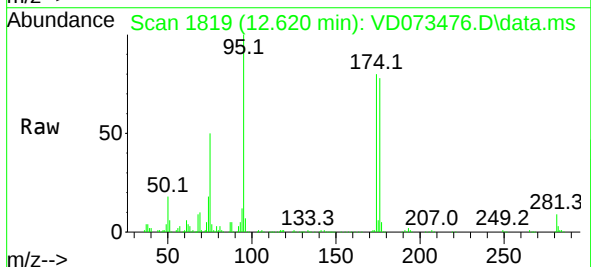
Instrument :
MSVOA_D
ClientSampleId :
VD0606SBL01

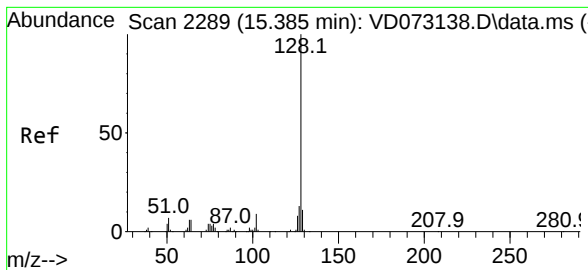
Tgt Ion: 75 Resp: 132591
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.070 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

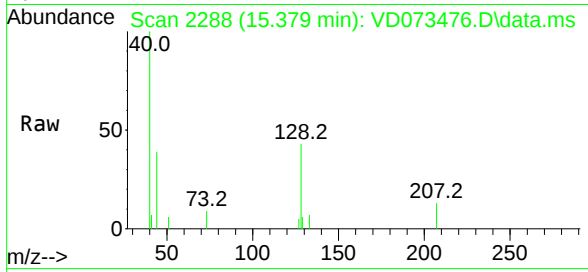
Tgt Ion: 75 Resp: 132591
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.2 33.9 50.9#





#95
Naphthalene
Concen: 3.796 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

Instrument :
MSVOA_D
ClientSampleId :
VD0606SBL01



Tgt Ion:	128	Resp:	2480
Ion	Ratio	Lower	Upper
128	100		
127	8.2	10.3	15.5#
129	5.3	8.4	12.6#

