

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073775.D
 Acq On : 05 Jul 2022 15:06
 Operator : VA/SY
 Sample : VD0705SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0705SBL01

Quant Time: Jul 06 02:50:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 10:05:34 2022
 Response via : Initial Calibration

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

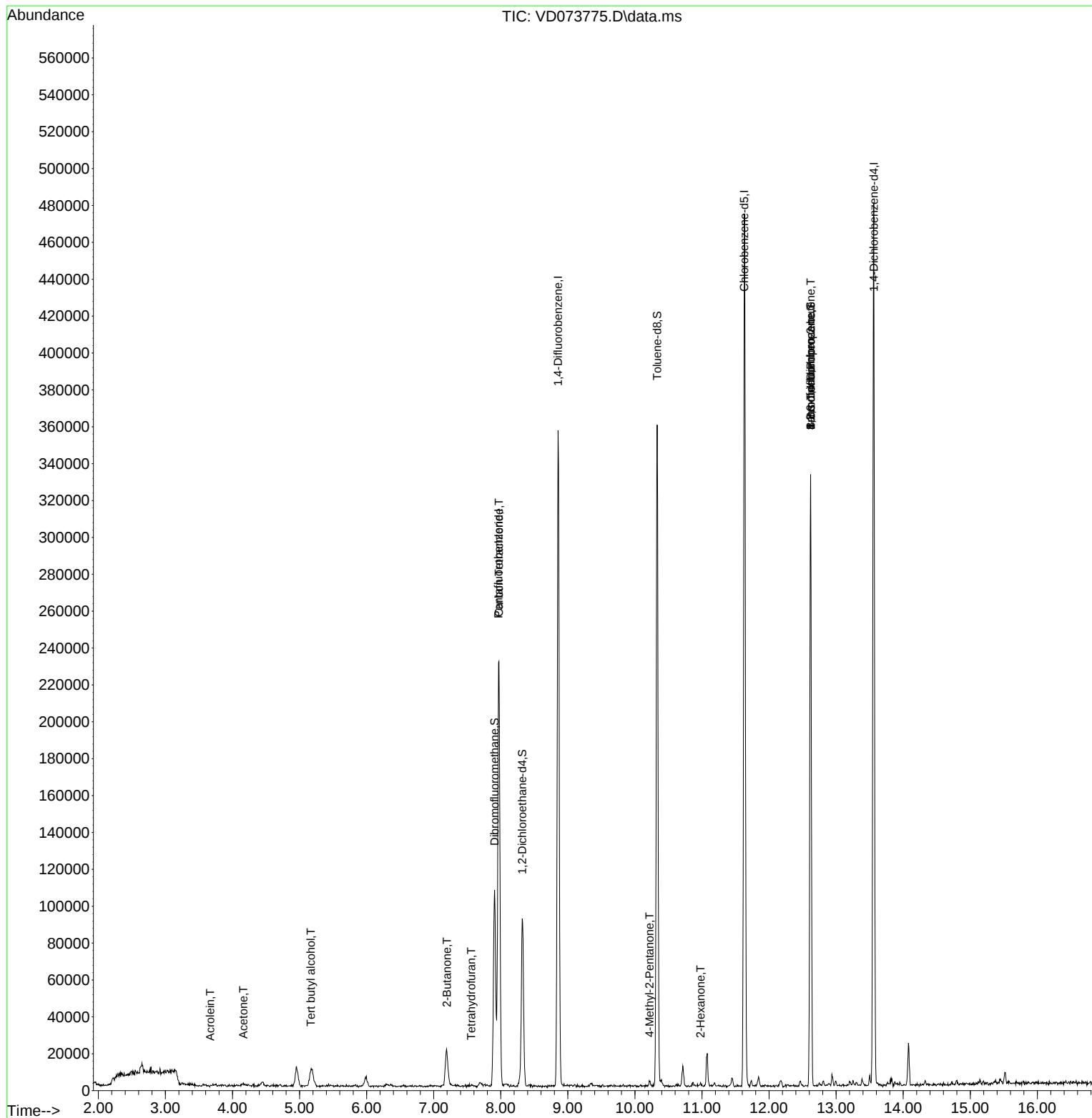
Internal Standards						
1) Pentafluorobenzene	7.967	168	156417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	295364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	265642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	116899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72682	47.632	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.260%		
35) Dibromofluoromethane	7.908	113	74878	46.666	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.340%		
50) Toluene-d8	10.332	98	241509	41.033	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery =	82.060%#		
62) 4-Bromofluorobenzene	12.620	95	98014	42.221	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery =	84.440%#		
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	966	Below Cal	#	28
11) Tert butyl alcohol	5.167	59	9848	26.204	ug/l #	100
13) Acrolein	3.667	56	54	1.541	ug/l #	12
16) Acetone	4.162	43	2478	7.805	ug/l	100
18) Methyl Acetate	4.720	43	118	Below Cal	#	50
20) Methylene Chloride	4.956	84	7555	Below Cal		94
25) 2-Butanone	7.197	43	1914	3.671	ug/l #	47
29) Tetrahydrofuran	7.561	42	867	2.631	ug/l #	31
31) Cyclohexane	7.967	56	5249	Below Cal	#	40
38) Carbon Tetrachloride	7.973	117	18904	7.903	ug/l #	15
51) 4-Methyl-2-Pentanone	10.220	43	2001	1.570	ug/l	87
59) 2-Hexanone	10.979	43	1508	1.736	ug/l	67
71) Bromoform	12.620	173	1043	1.082	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	55951	50.083	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	55951	96.617	ug/l #	11

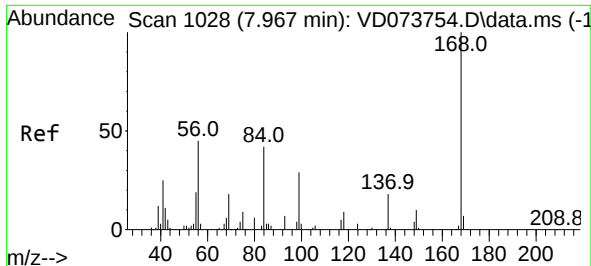
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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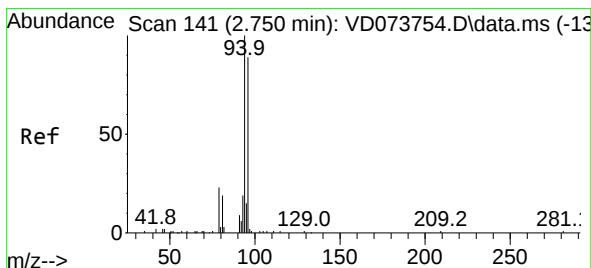
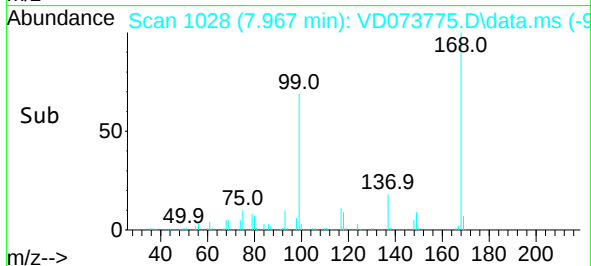
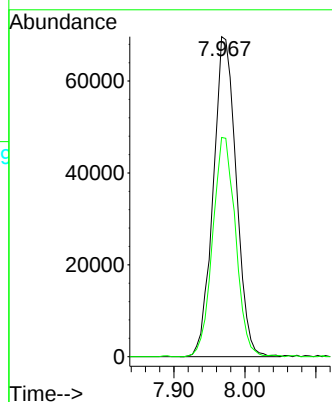
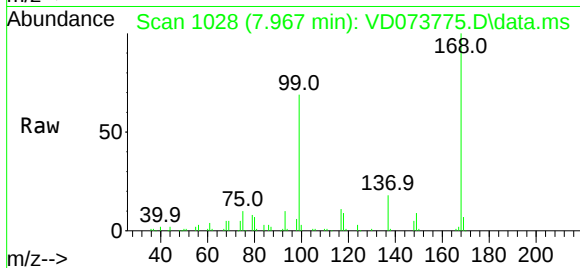




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

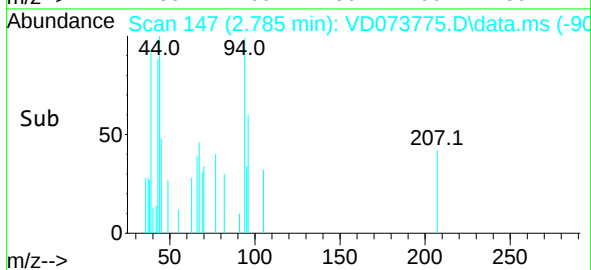
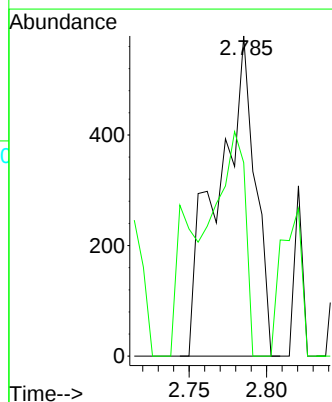
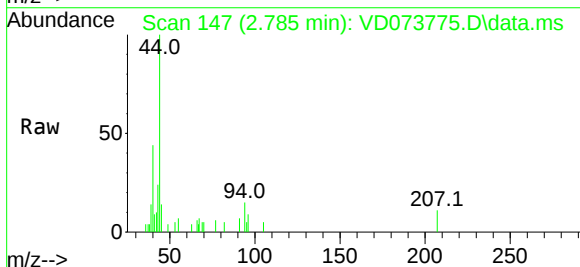
Instrument :
MSVOA_D
ClientSampleId :
VD0705SBL01

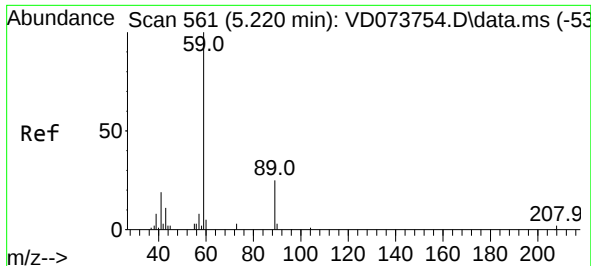
Tgt Ion:168 Resp: 156417
Ion Ratio Lower Upper
168 100
99 68.5 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.035 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

Tgt Ion: 94 Resp: 966
Ion Ratio Lower Upper
94 100
96 24.2 75.1 112.7#

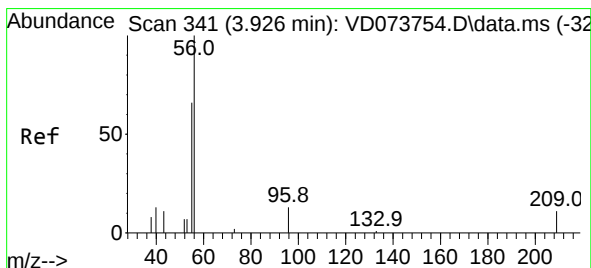
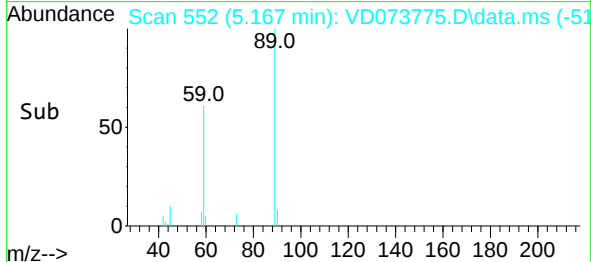
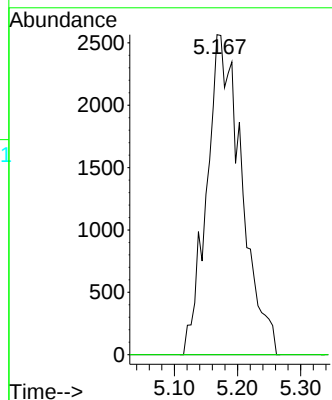
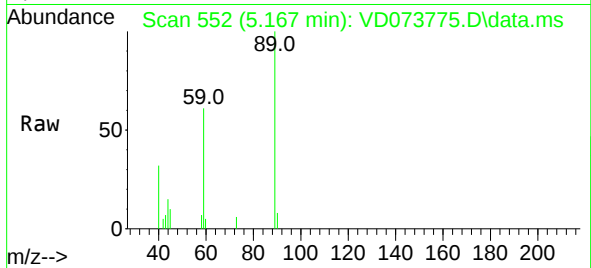




#11
Tert butyl alcohol
Concen: 26.204 ug/l
RT: 5.167 min Scan# 51
Delta R.T. -0.053 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

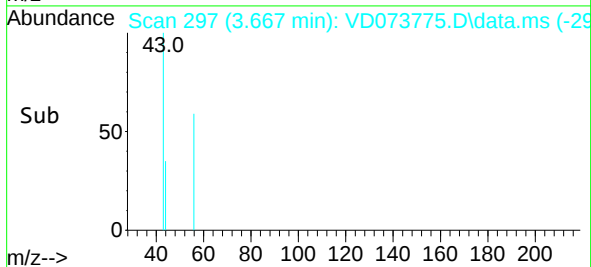
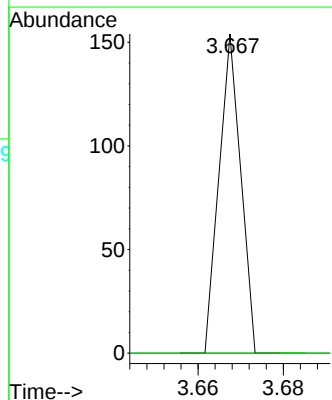
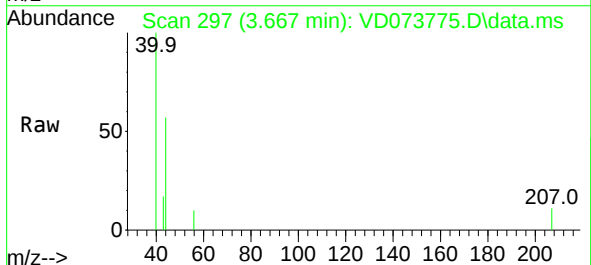
Instrument :
MSVOA_D
ClientSampleId :
VD0705SBL01

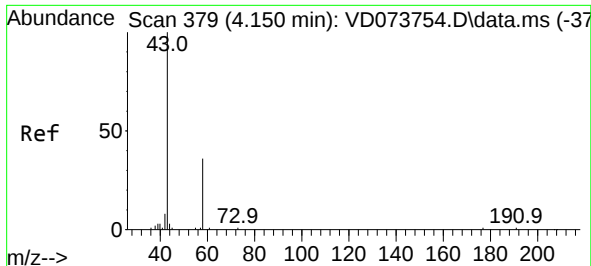
Tgt Ion: 59 Resp: 9848
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#13
Acrolein
Concen: 1.541 ug/l
RT: 3.667 min Scan# 297
Delta R.T. -0.259 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 60.3 90.5#

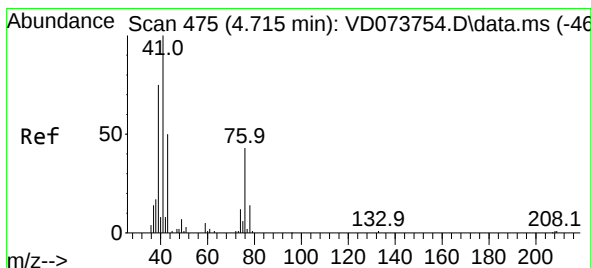
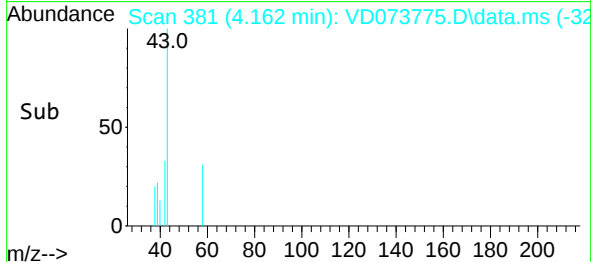
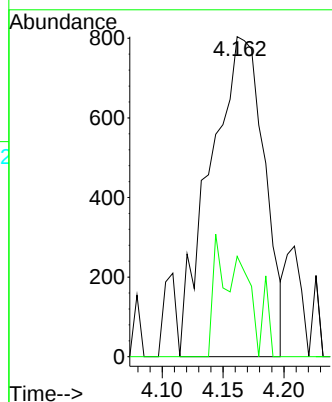
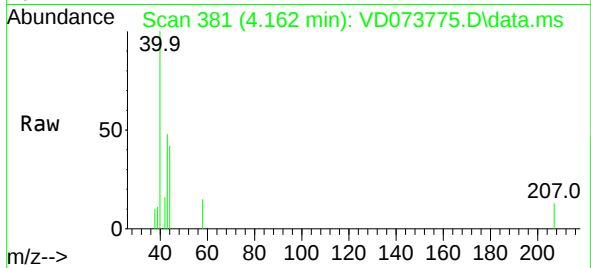




#16
Acetone
Concen: 7.805 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

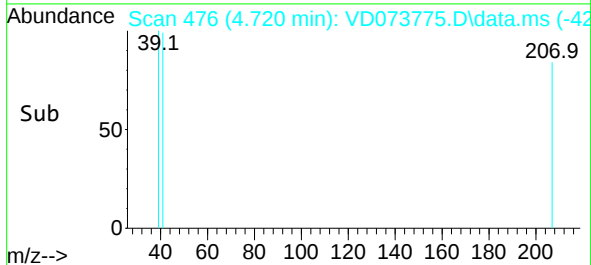
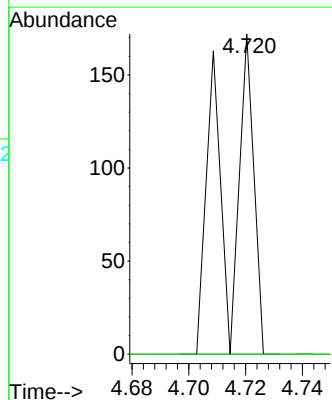
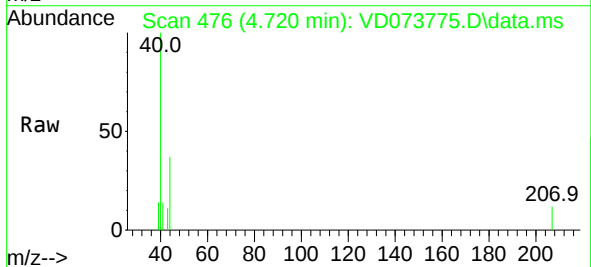
Instrument :
MSVOA_D
ClientSampleId :
VD0705SBL01

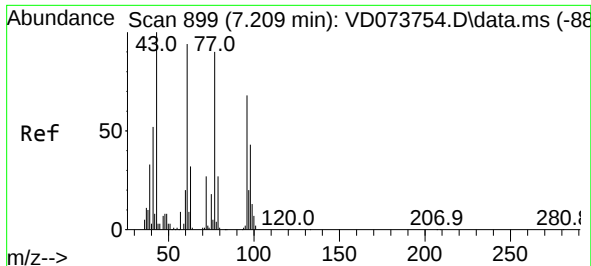
Tgt Ion: 43 Resp: 2478
Ion Ratio Lower Upper
43 100
58 31.3 25.2 37.8



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#

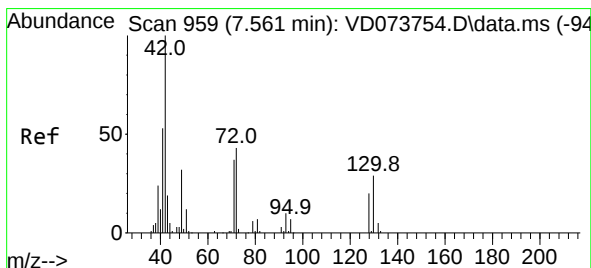
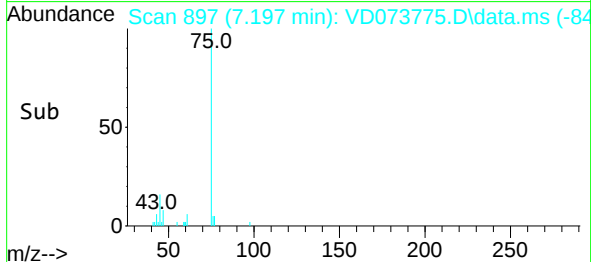
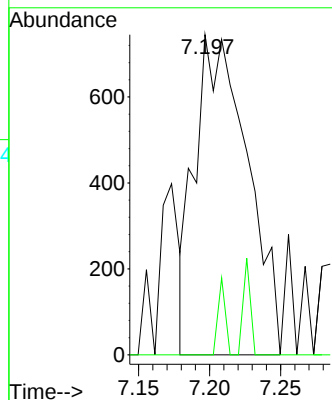
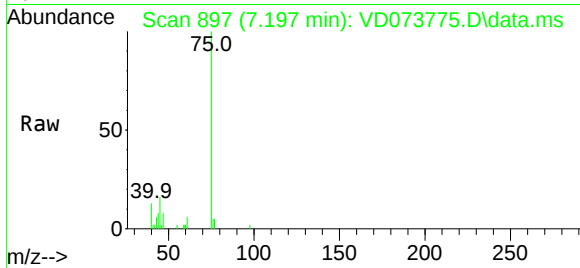




#25
2-Butanone
Concen: 3.671 ug/l
RT: 7.197 min Scan# 899
Delta R.T. -0.012 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

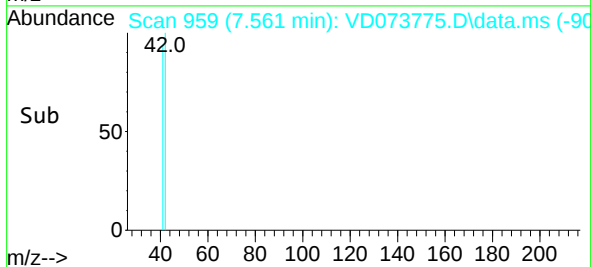
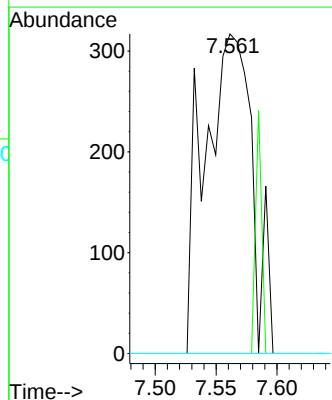
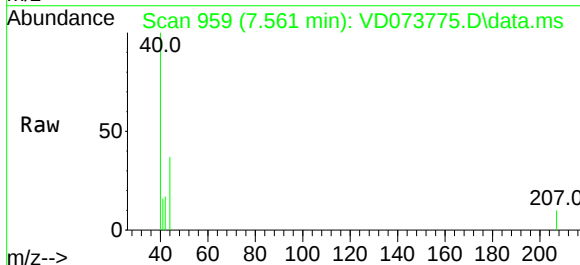
Instrument :
MSVOA_D
ClientSampleId :
VD0705SBL01

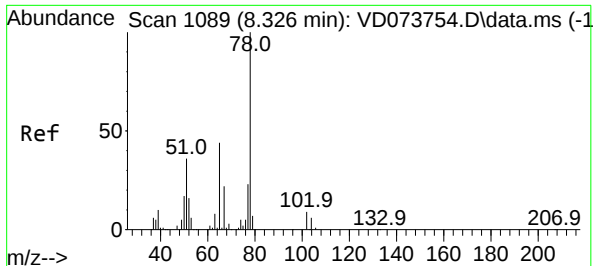
Tgt Ion: 43 Resp: 1914
Ion Ratio Lower Upper
43 100
72 0.0 22.6 33.8#



#29
Tetrahydrofuran
Concen: 2.631 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

Tgt Ion: 42 Resp: 867
Ion Ratio Lower Upper
42 100
72 0.0 37.8 56.6#
71 0.0 35.5 53.3#





#33

1,2-Dichloroethane-d4

Concen: 47.632 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073775.D

Acq: 05 Jul 2022 15:06

Instrument :

MSVOA_D

ClientSampleId :

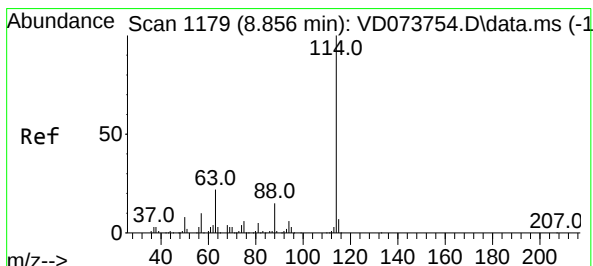
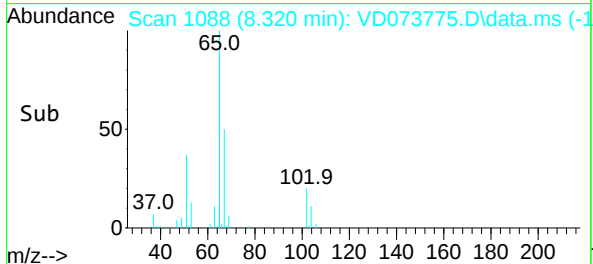
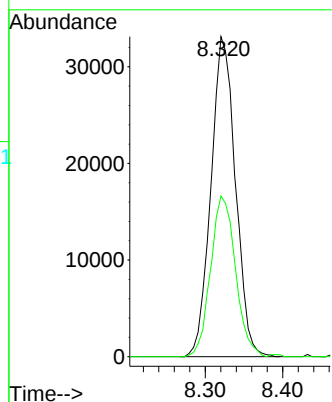
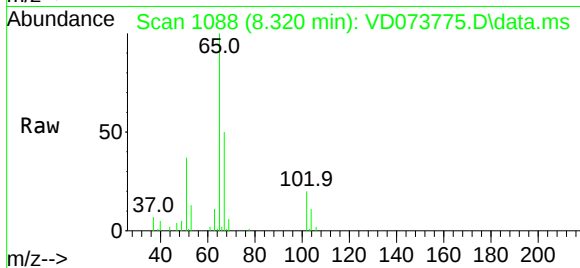
VD0705SBL01

Tgt Ion: 65 Resp: 72682

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073775.D

Acq: 05 Jul 2022 15:06

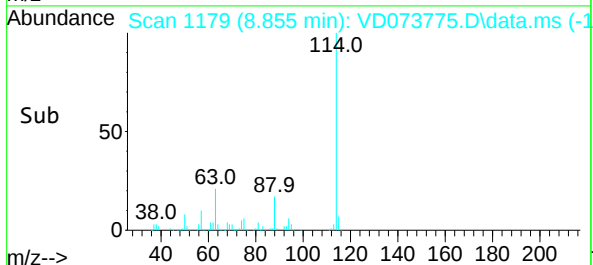
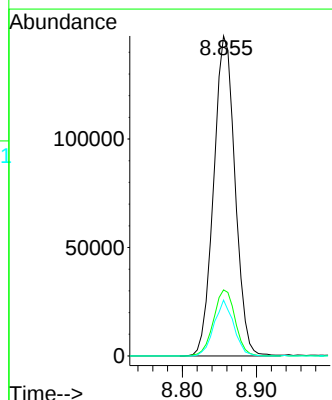
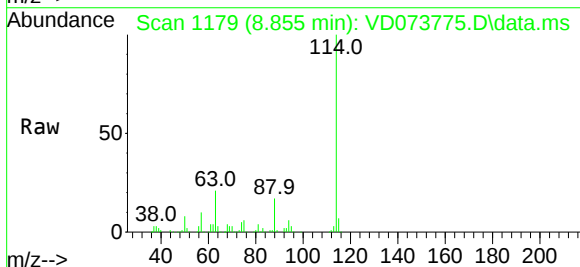
Tgt Ion: 114 Resp: 295364

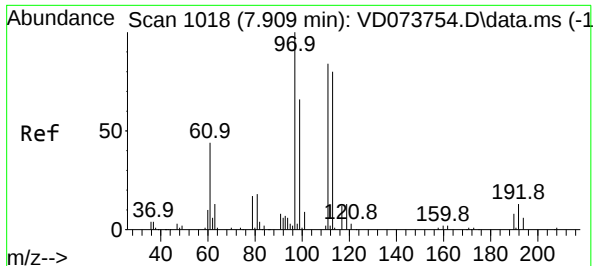
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 17.4 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.666 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073775.D

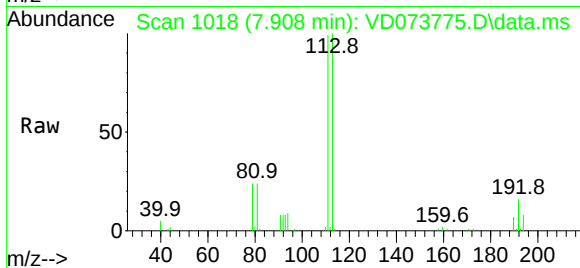
Acq: 05 Jul 2022 15:06

Instrument :

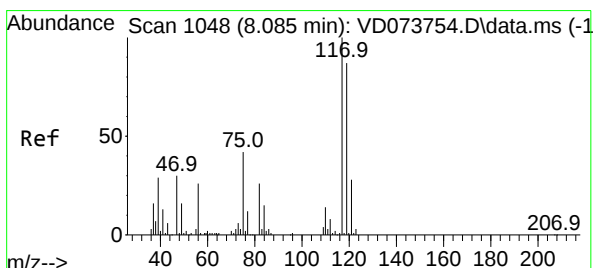
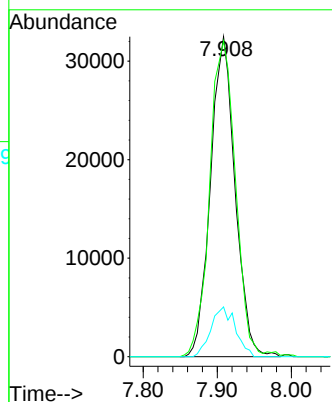
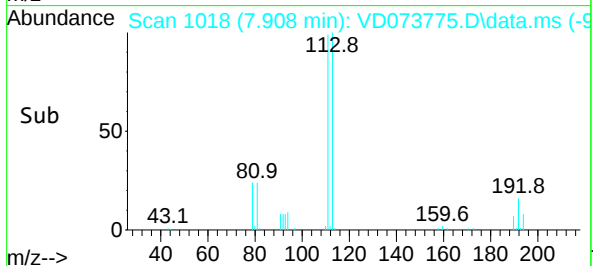
MSVOA_D

ClientSampleId :

VD0705SBL01



Tgt Ion:	113	Resp:	74878
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.6
192	15.5	14.8	22.2



#38

Carbon Tetrachloride

Concen: 7.903 ug/l

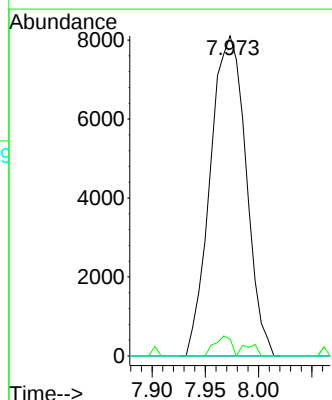
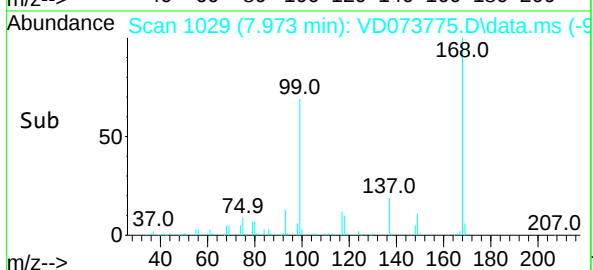
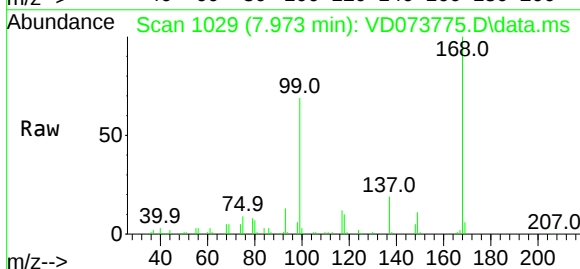
RT: 7.973 min Scan# 1029

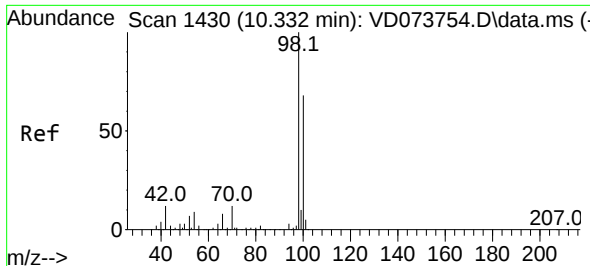
Delta R.T. -0.112 min

Lab File: VD073775.D

Acq: 05 Jul 2022 15:06

Tgt Ion:	117	Resp:	18904
Ion	Ratio	Lower	Upper
117	100		
119	5.3	79.2	118.8#
121	0.0	23.8	35.8#

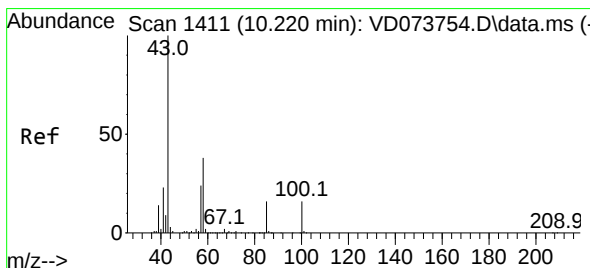
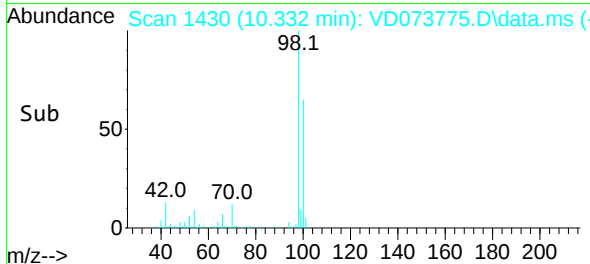
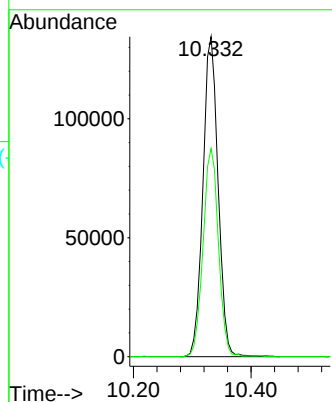
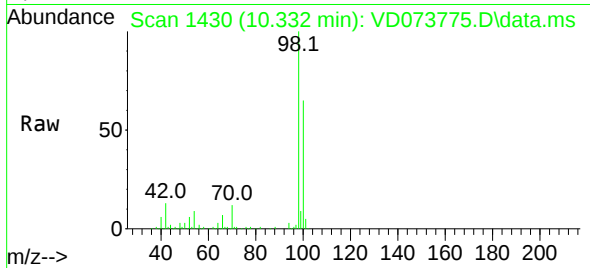




#50
Toluene-d8
Concen: 41.033 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

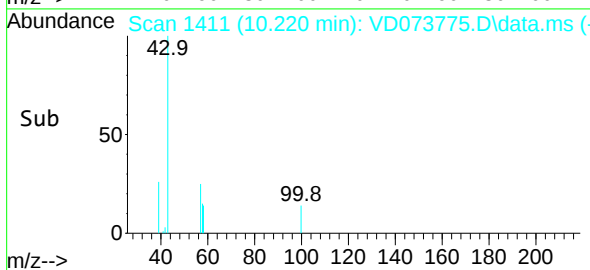
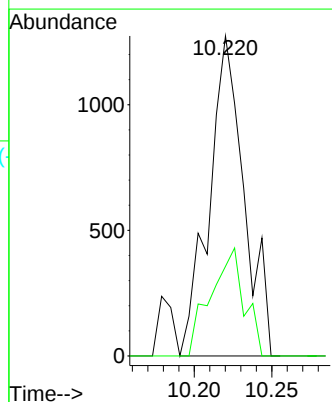
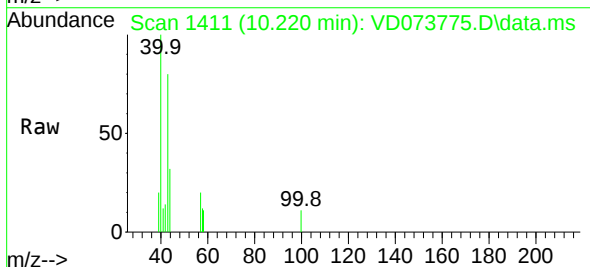
Instrument :
MSVOA_D
ClientSampleId :
VD0705SBL01

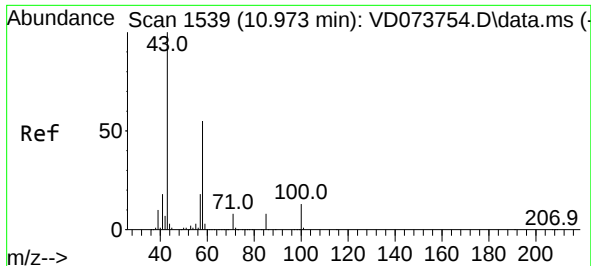
Tgt Ion: 98 Resp: 241509
Ion Ratio Lower Upper
98 100
100 65.9 54.0 81.0



#51
4-Methyl-2-Pentanone
Concen: 1.570 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
58 32.5 32.3 48.5

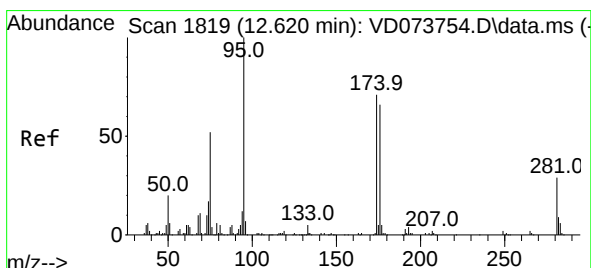
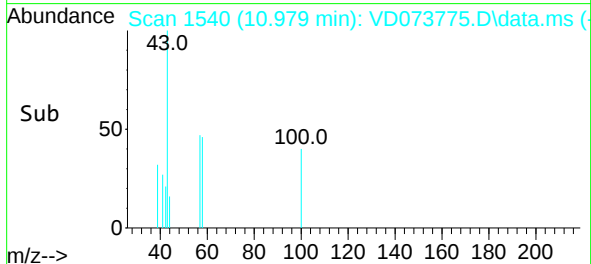
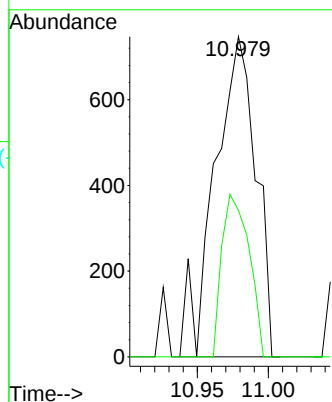
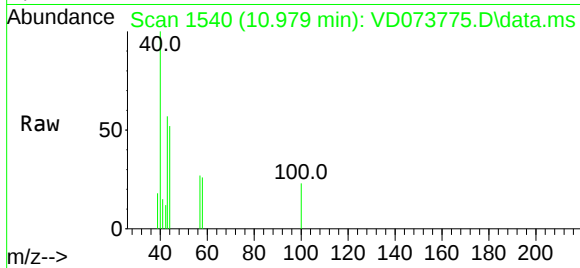




#59
2-Hexanone
Concen: 1.736 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

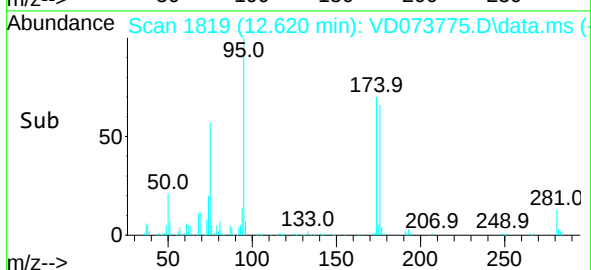
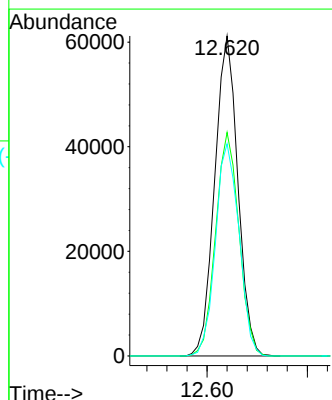
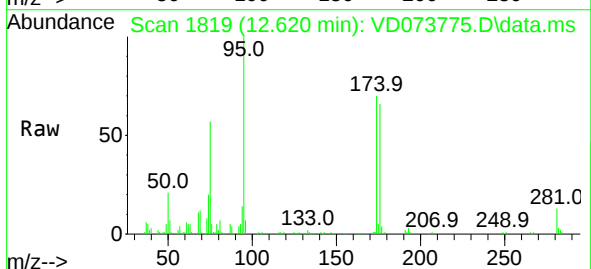
Instrument :
MSVOA_D
ClientSampleId :
VD0705SBL01

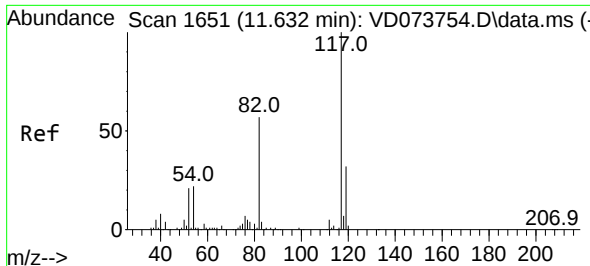
Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
58 33.5 28.8 86.4



#62
4-Bromofluorobenzene
Concen: 42.221 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

Tgt Ion: 95 Resp: 98014
Ion Ratio Lower Upper
95 100
174 70.3 0.0 158.4
176 67.3 0.0 154.8

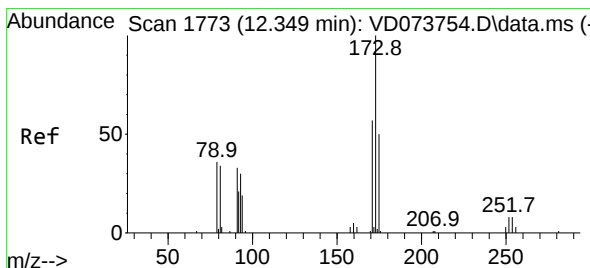
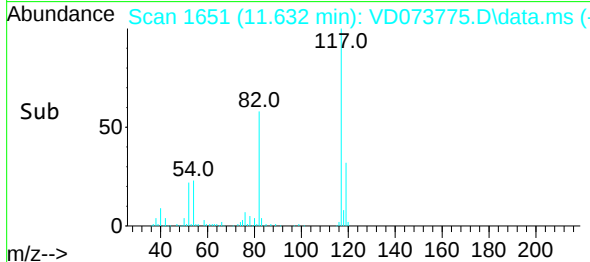
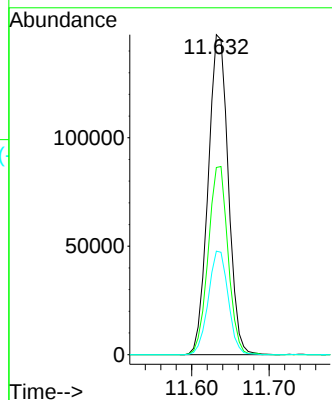
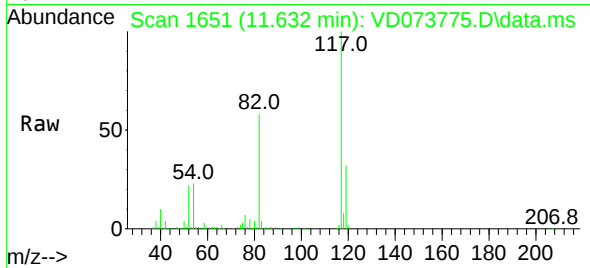




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

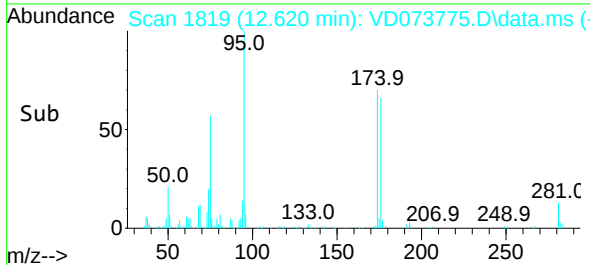
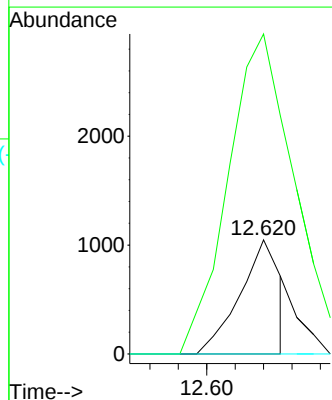
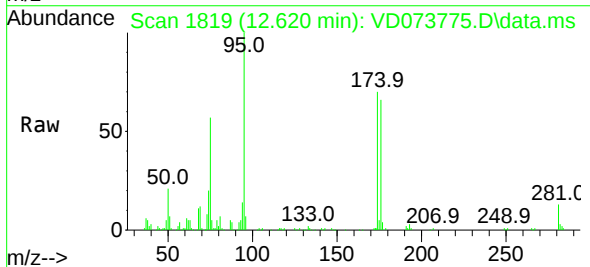
Instrument :
MSVOA_D
ClientSampleId :
VD0705SBL01

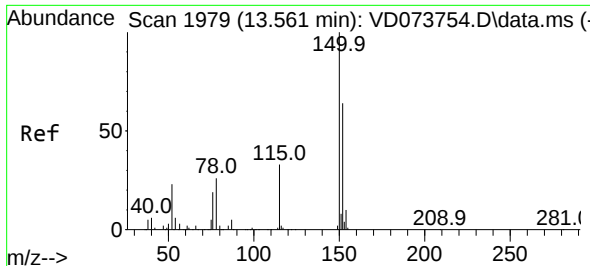
Tgt Ion:117 Resp: 265642
Ion Ratio Lower Upper
117 100
82 58.5 41.5 62.3
119 32.4 27.1 40.7



#71
Bromoform
Concen: 1.082 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.270 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

Tgt Ion:173 Resp: 1043
Ion Ratio Lower Upper
173 100
175 361.6 24.0 72.0#
254 0.0 0.0 0.0

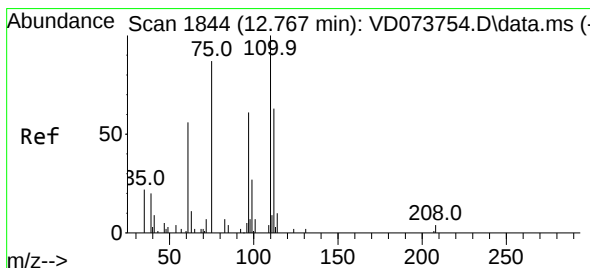
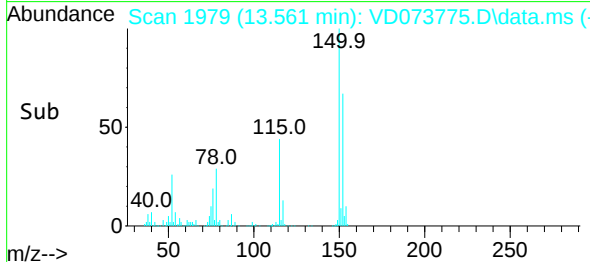
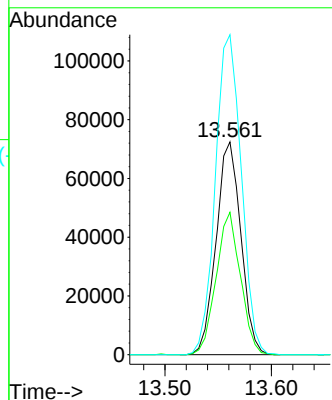
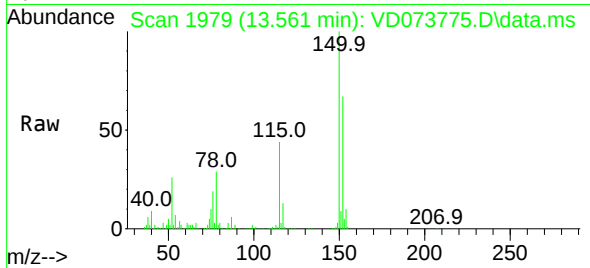




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073775.D
 Acq: 05 Jul 2022 15:06

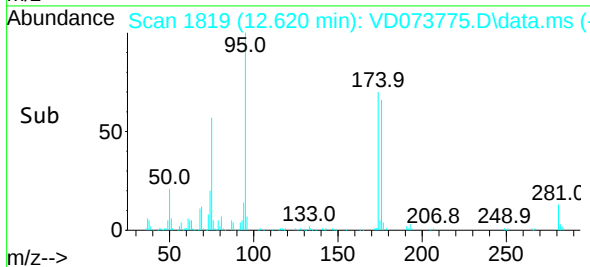
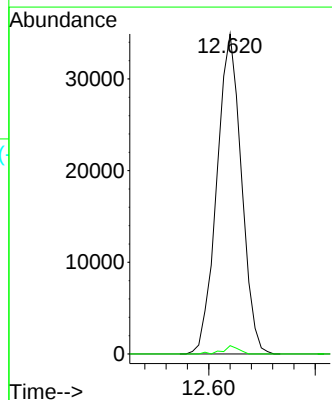
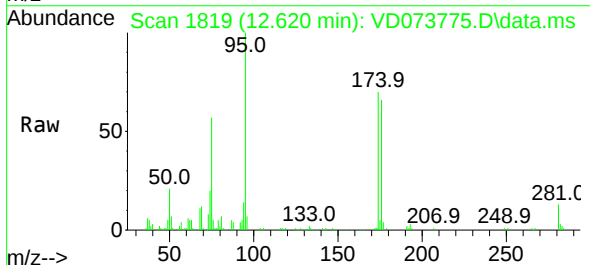
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0705SBL01

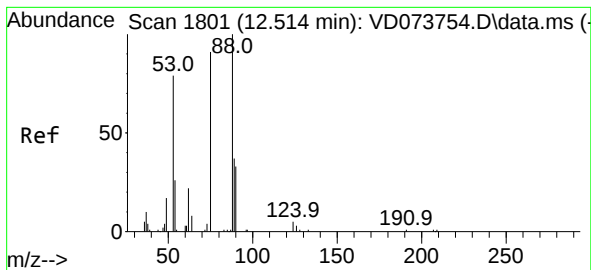
Tgt Ion:152 Resp: 116899
 Ion Ratio Lower Upper
 152 100
 115 65.6 30.6 91.6
 150 157.2 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 50.083 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073775.D
 Acq: 05 Jul 2022 15:06

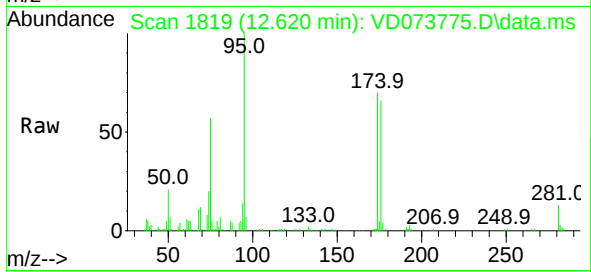
Tgt Ion: 75 Resp: 55951
 Ion Ratio Lower Upper
 75 100
 77 1.6 195.3 586.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.617 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073775.D
 Acq: 05 Jul 2022 15:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0705SBL01



Tgt Ion: 75 Resp: 55951
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.0 115.6#
 89 0.3 37.8 56.8#

