

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073760.D
 Acq On : 01 Jul 2022 13:07
 Operator : VA/SY
 Sample : VD0701SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0701SBL01

Quant Time: Jul 05 05:05:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

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

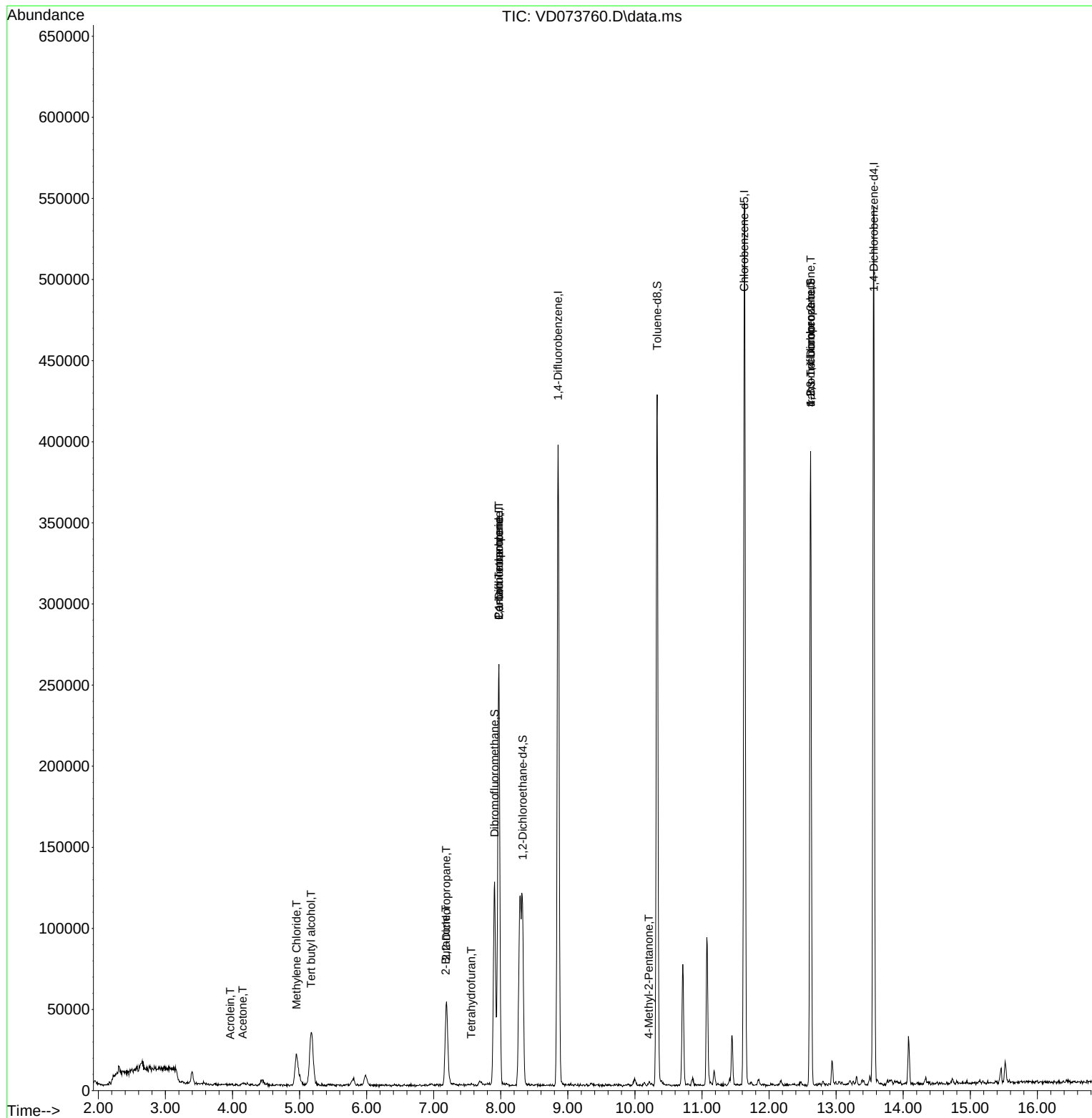
Internal Standards						
1) Pentafluorobenzene	7.973	168	175857	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	339915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	301128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	129618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	82637	48.170	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.340%		
35) Dibromofluoromethane	7.908	113	85677	46.398	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.800%		
50) Toluene-d8	10.332	98	285617	42.166	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	84.340%		
62) 4-Bromofluorobenzene	12.620	95	116845	43.736	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.480%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.732	94	64	Below Cal	#	27
11) Tert butyl alcohol	5.173	59	33092	78.319	ug/l #	100
13) Acrolein	3.967	56	63	1.599	ug/l	88
16) Acetone	4.150	43	2501	7.007	ug/l #	88
18) Methyl Acetate	4.709	43	363	Below Cal	#	50
20) Methylene Chloride	4.956	84	13750	2.723	ug/l	90
25) 2-Butanone	7.179	43	3630	6.193	ug/l #	75
26) 2,2-Dichloropropane	7.185	77	4026	1.257	ug/l #	53
29) Tetrahydrofuran	7.561	42	513	1.385	ug/l #	31
31) Cyclohexane	7.973	56	5430	Below Cal	#	52
36) 1,1-Dichloropropene	7.973	75	16535	6.449	ug/l #	49
38) Carbon Tetrachloride	7.973	117	20023	7.274	ug/l #	14
51) 4-Methyl-2-Pentanone	10.208	43	1860	1.268	ug/l #	69
76) 1,2,3-Trichloropropane	12.620	75	64477	52.052	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	64477	100.414	ug/l #	11

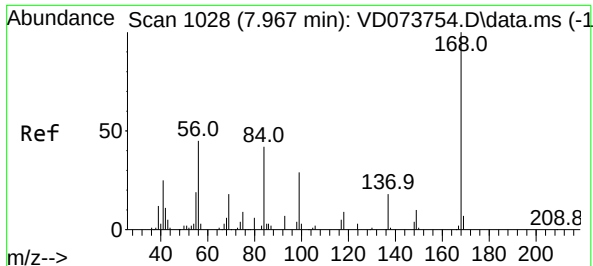
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 05 05:05:54 2022
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Quant Title : SW846 8260
QLast Update : Tue Jul 05 04:59:39 2022
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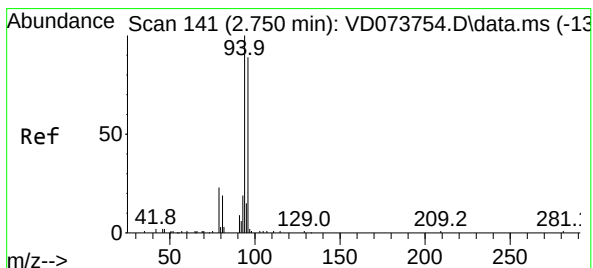
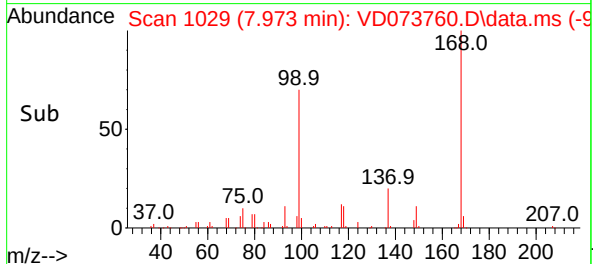
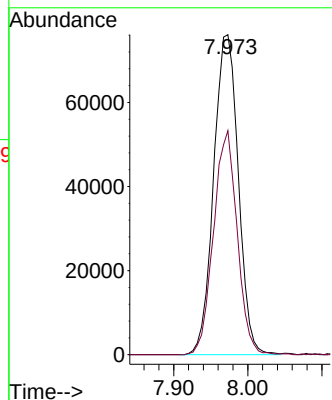
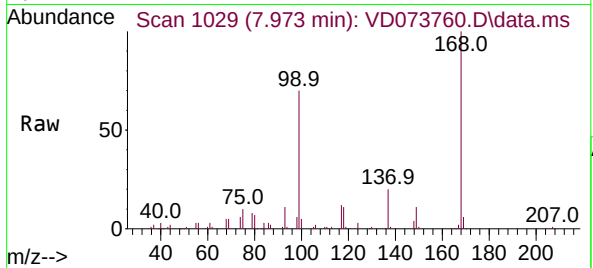




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

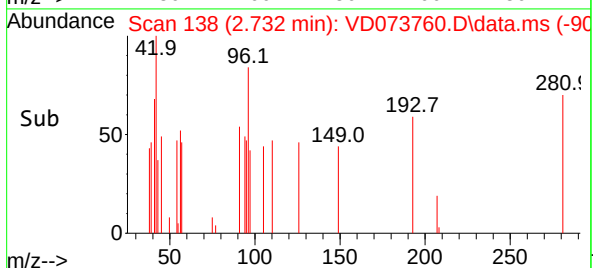
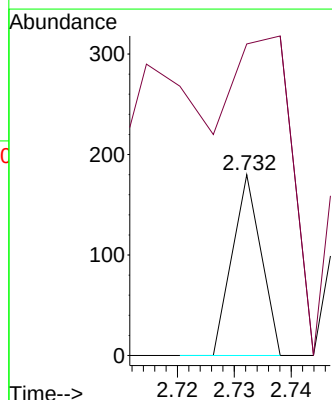
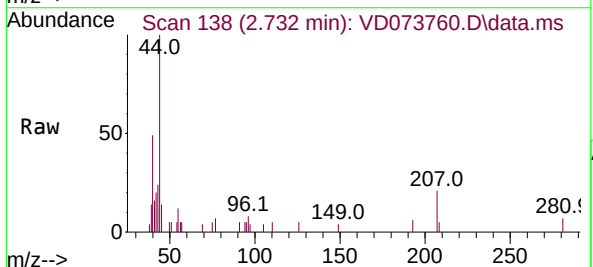
Instrument :
MSVOA_D
ClientSampleId :
VD0701SBL01

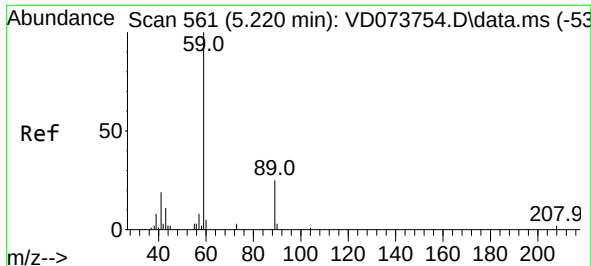
Tgt Ion:168 Resp: 175857
Ion Ratio Lower Upper
168 100
99 70.0 46.4 69.6#



#5
Bromomethane
Concen: Below Cal
RT: 2.732 min Scan# 138
Delta R.T. -0.018 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

Tgt Ion: 94 Resp: 64
Ion Ratio Lower Upper
94 100
96 23.3 75.1 112.7#

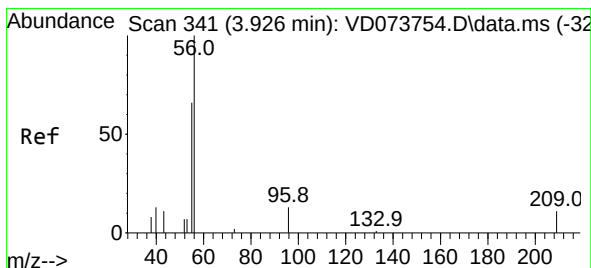
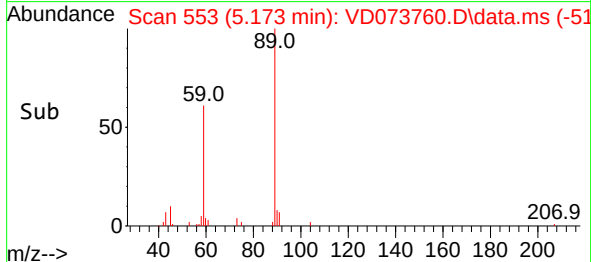
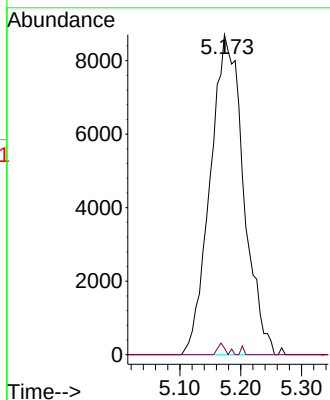
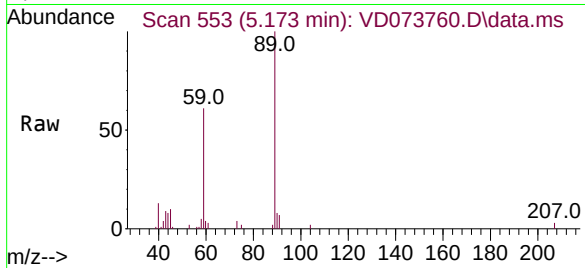




#11
Tert butyl alcohol
Concen: 78.319 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.047 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

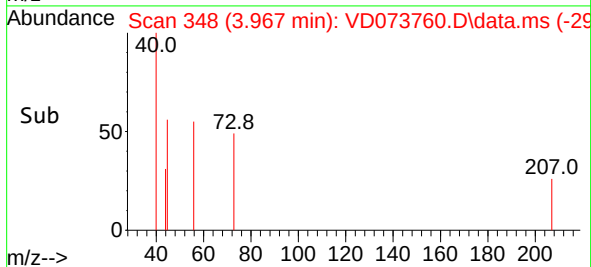
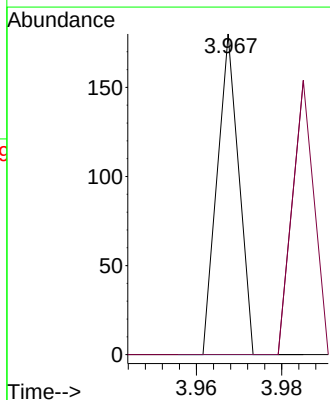
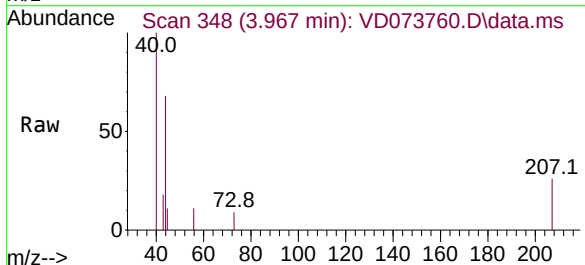
Instrument :
MSVOA_D
ClientSampleId :
VD0701SBL01

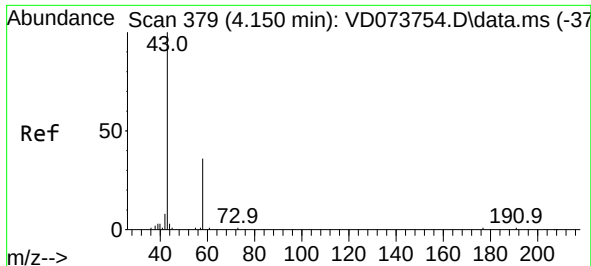
Tgt Ion: 59 Resp: 33092
Ion Ratio Lower Upper
59 100
57 0.9 0.0 0.0#



#13
Acrolein
Concen: 1.599 ug/l
RT: 3.967 min Scan# 348
Delta R.T. 0.041 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 85.7 60.3 90.5

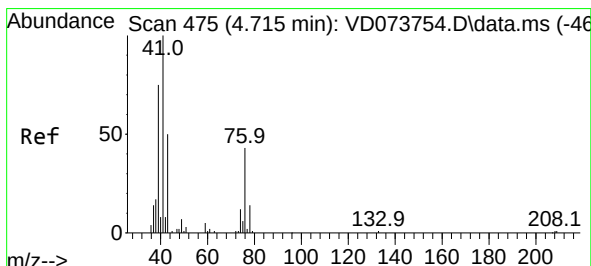
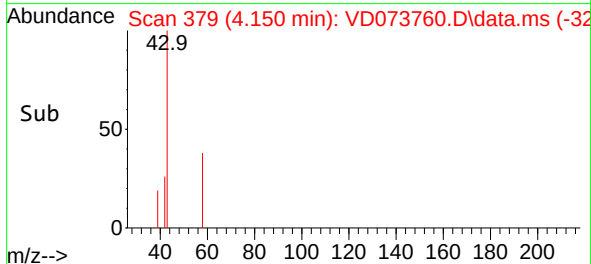
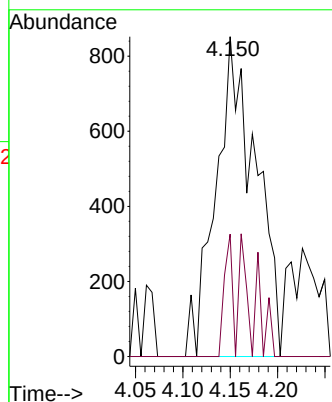
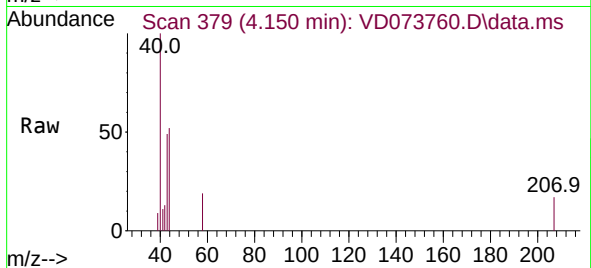




#16
Acetone
Concen: 7.007 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

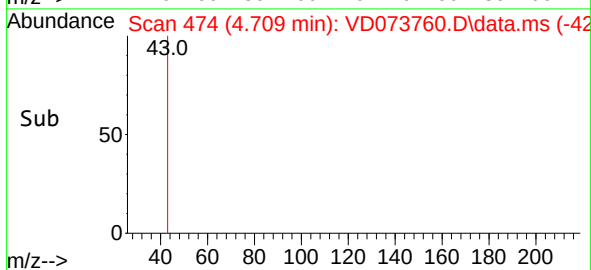
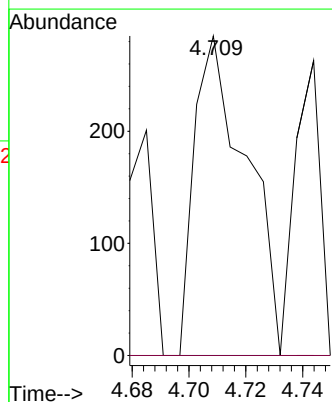
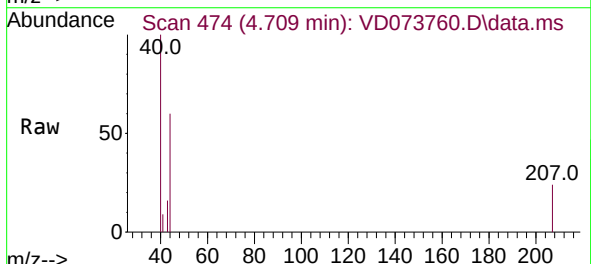
Instrument :
MSVOA_D
ClientSampleId :
VD0701SBL01

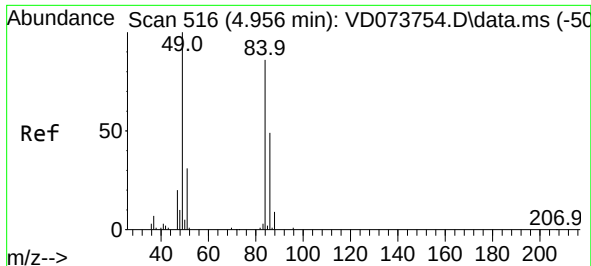
Tgt Ion: 43 Resp: 2501
Ion Ratio Lower Upper
43 100
58 38.3 25.2 37.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

Tgt Ion: 43 Resp: 363
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#

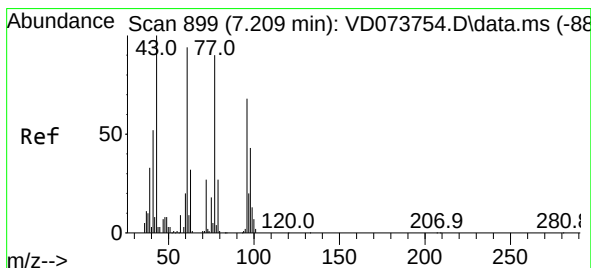
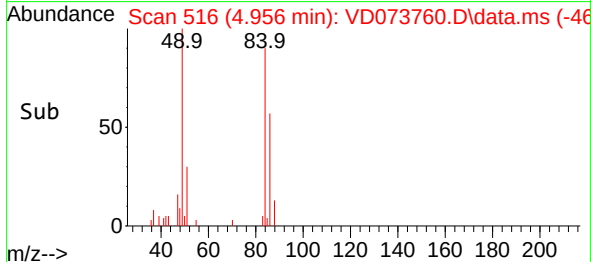
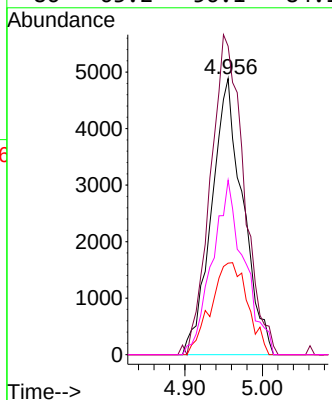
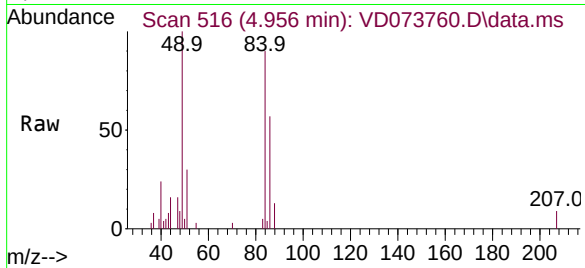




#20
Methylene Chloride
Concen: 2.723 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

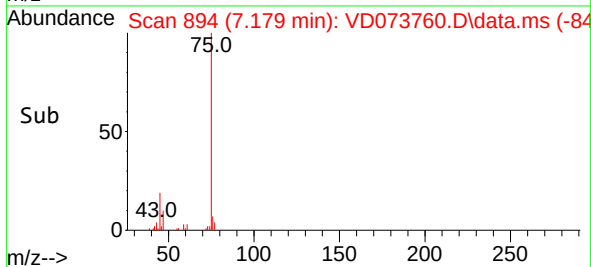
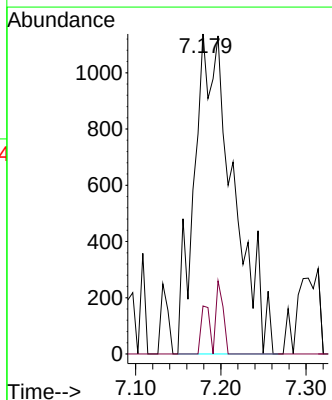
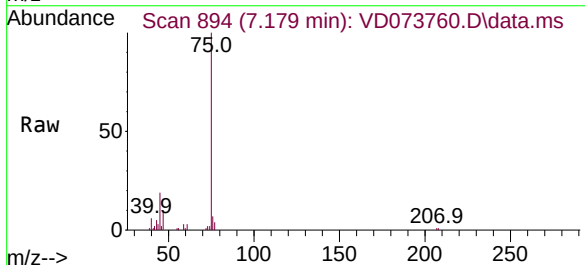
Instrument :
MSVOA_D
ClientSampleId :
VD0701SBL01

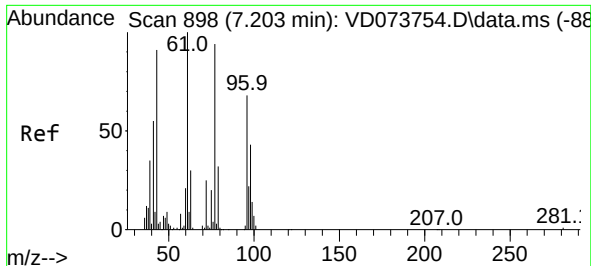
Tgt Ion:	84	Resp:	13750
Ion	Ratio	Lower	Upper
84	100		
49	111.7	100.6	150.8
51	33.1	29.8	44.6
86	63.2	56.1	84.1



#25
2-Butanone
Concen: 6.193 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.030 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

Tgt Ion:	43	Resp:	3630
Ion	Ratio	Lower	Upper
43	100		
72	15.0	22.6	33.8#





#26

2,2-Dichloropropane

Concen: 1.257 ug/l

RT: 7.185 min Scan# 898

Delta R.T. -0.018 min

Lab File: VD073760.D

Acq: 01 Jul 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

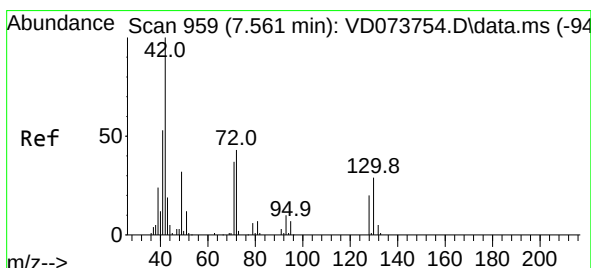
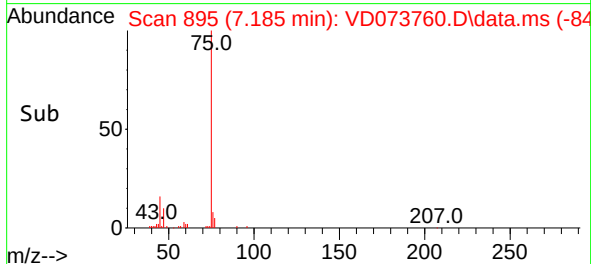
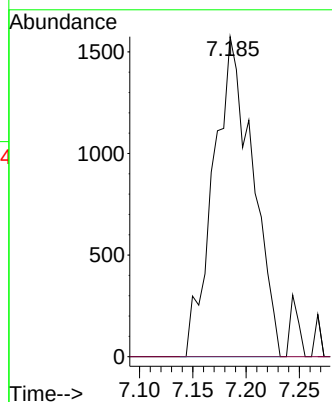
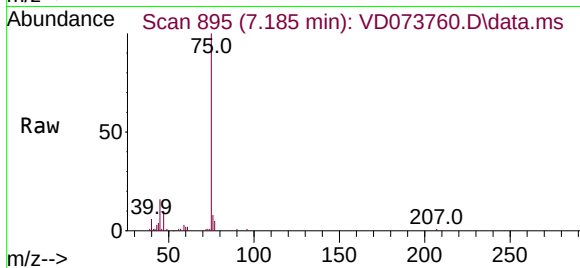
VD0701SBL01

Tgt Ion: 77 Resp: 4026

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#



#29

Tetrahydrofuran

Concen: 1.385 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD073760.D

Acq: 01 Jul 2022 13:07

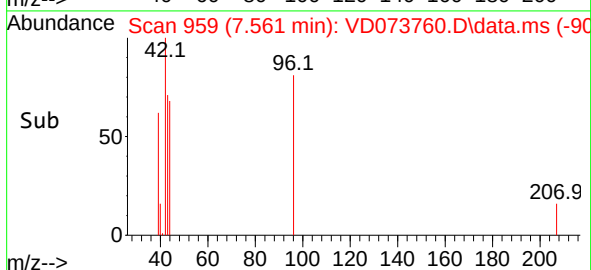
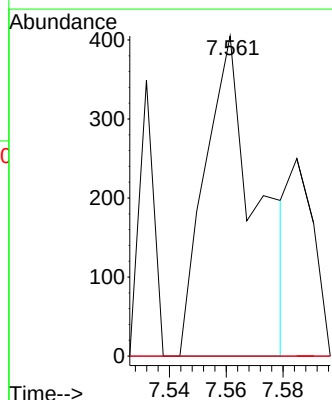
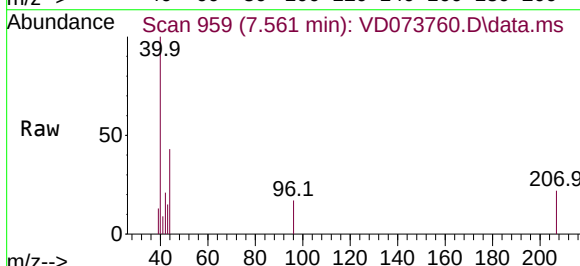
Tgt Ion: 42 Resp: 513

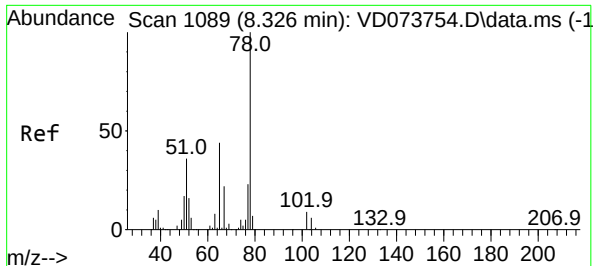
Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

71 0.0 35.5 53.3#





#33

1,2-Dichloroethane-d4

Concen: 48.170 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD073760.D

Acq: 01 Jul 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

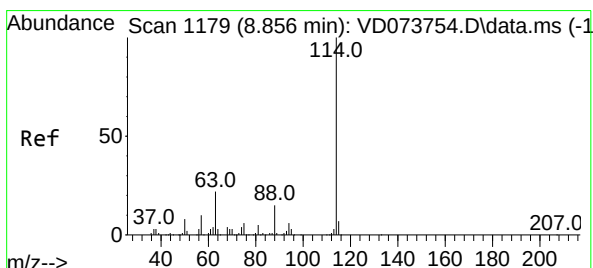
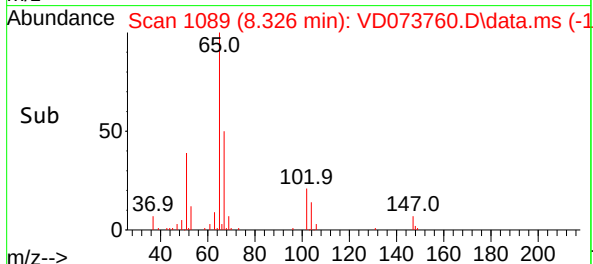
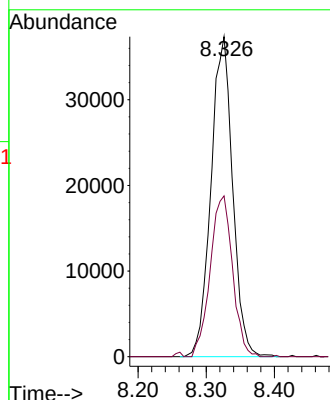
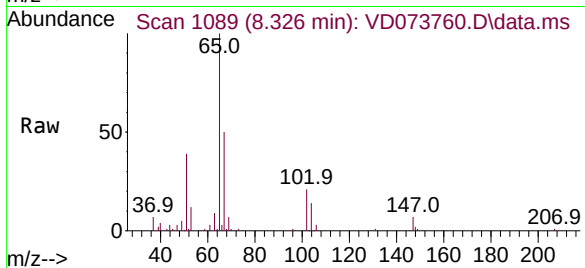
VD0701SBL01

Tgt Ion: 65 Resp: 82637

Ion Ratio Lower Upper

65 100

67 51.9 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: VD073760.D

Acq: 01 Jul 2022 13:07

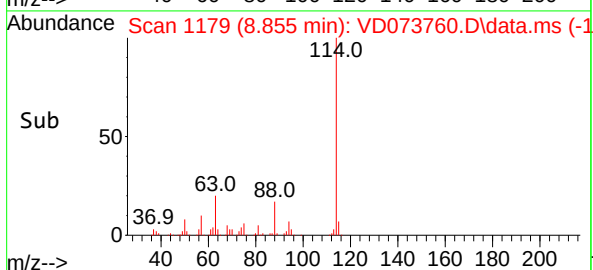
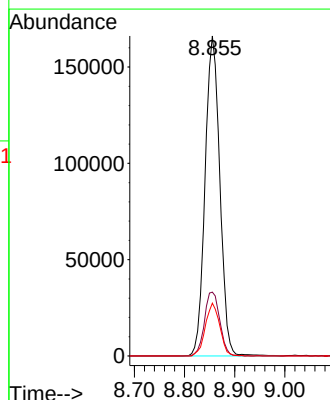
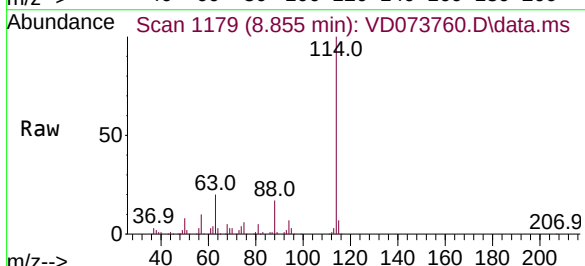
Tgt Ion: 114 Resp: 339915

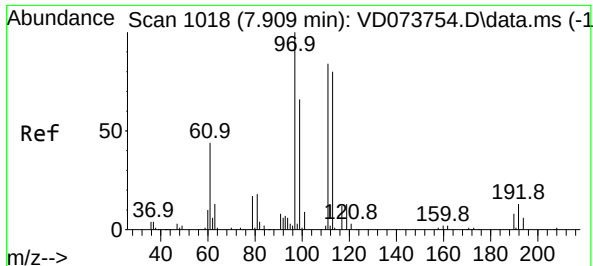
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 16.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.398 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073760.D

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MSVOA_D

ClientSampleId :

VD0701SBL01

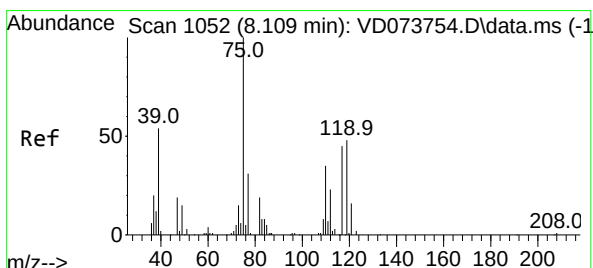
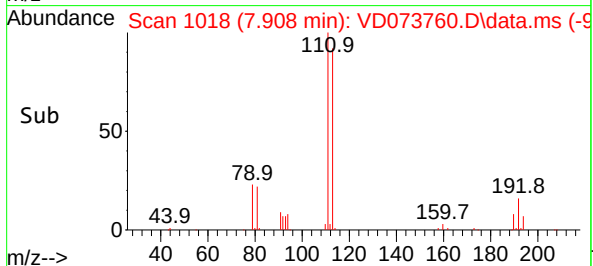
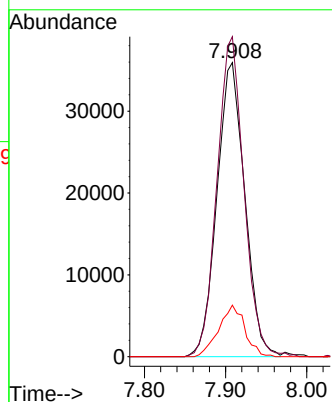
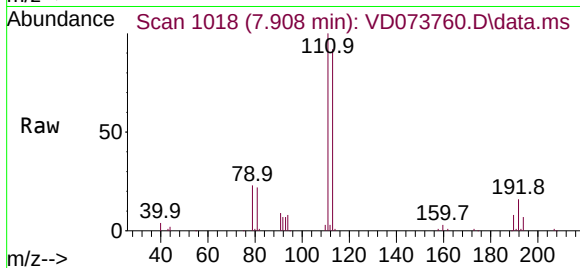
Tgt Ion:113 Resp: 85677

Ion Ratio Lower Upper

113 100

111 105.1 81.8 122.6

192 16.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 6.449 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073760.D

Acq: 01 Jul 2022 13:07

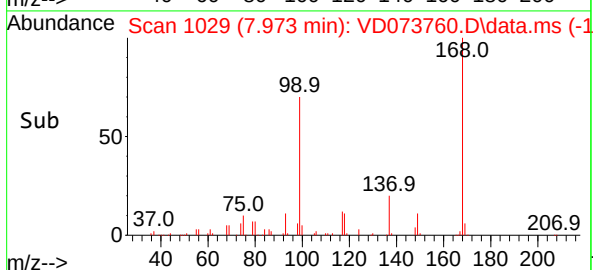
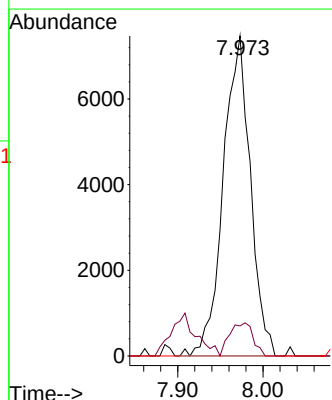
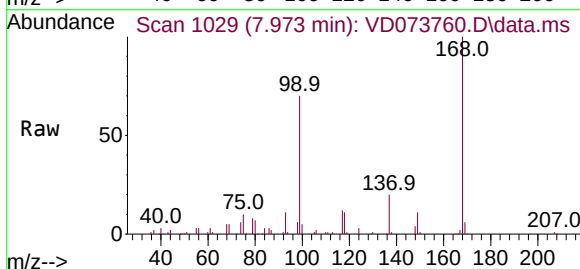
Tgt Ion: 75 Resp: 16535

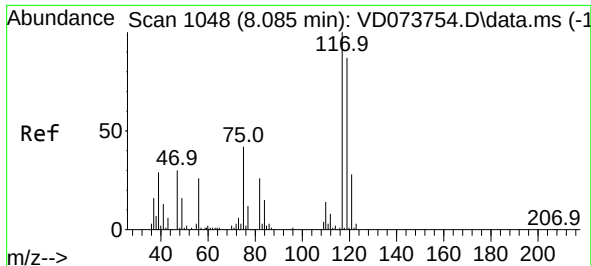
Ion Ratio Lower Upper

75 100

110 9.0 18.0 54.0#

77 0.0 25.6 38.4#

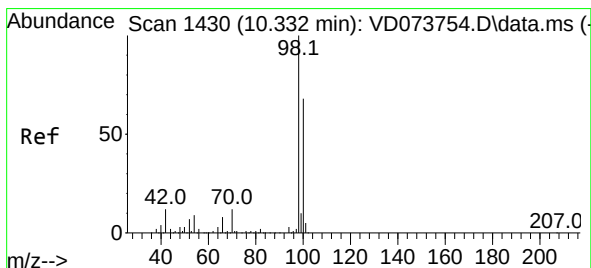
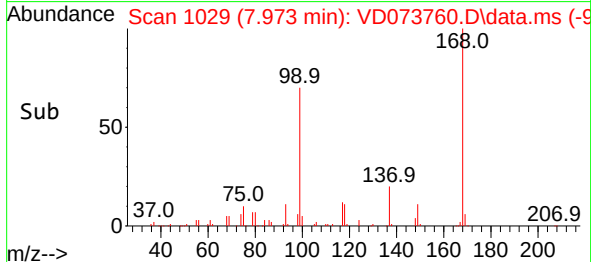
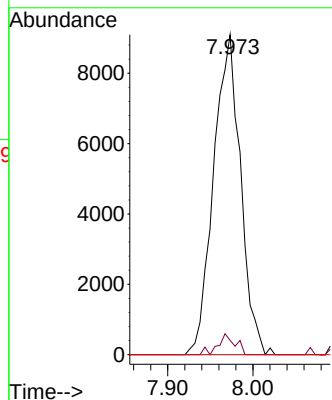
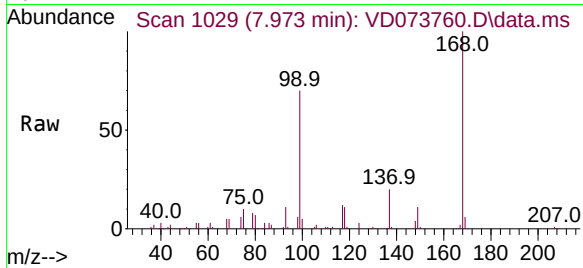




#38
Carbon Tetrachloride
Concen: 7.274 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.112 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

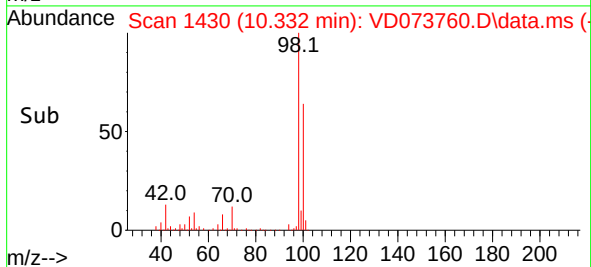
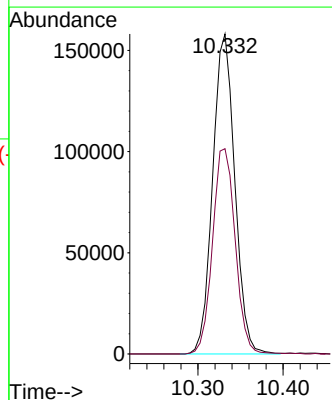
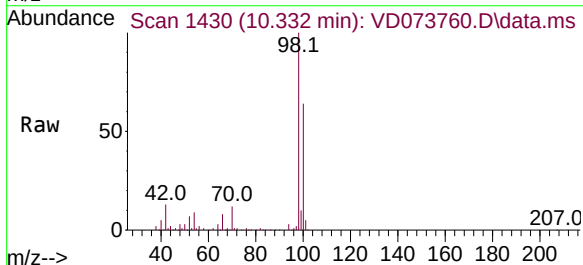
Instrument :
MSVOA_D
ClientSampleId :
VD0701SBL01

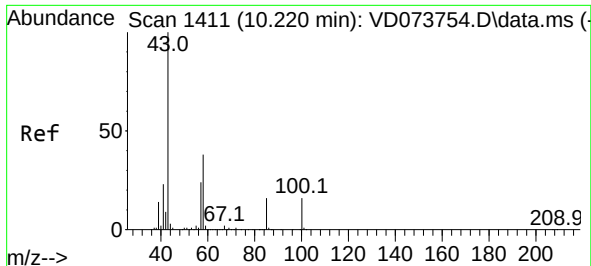
Tgt Ion:117 Resp: 20023
Ion Ratio Lower Upper
117 100
119 4.5 79.2 118.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 42.166 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

Tgt Ion: 98 Resp: 285617
Ion Ratio Lower Upper
98 100
100 65.7 54.0 81.0

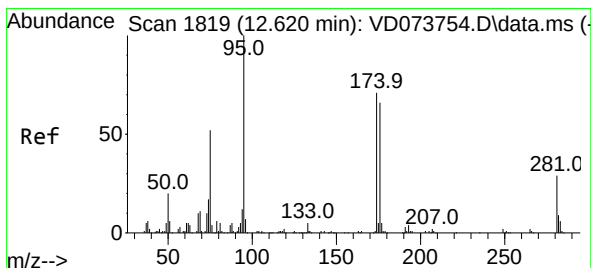
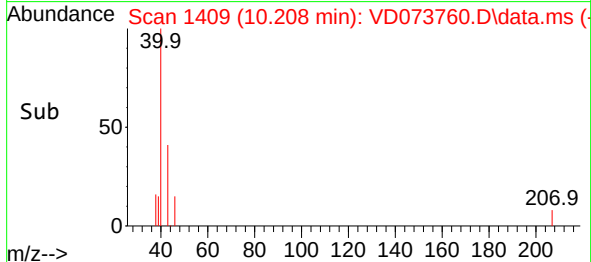
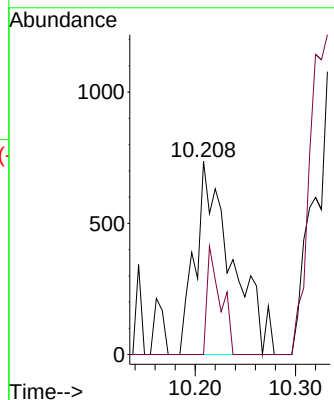
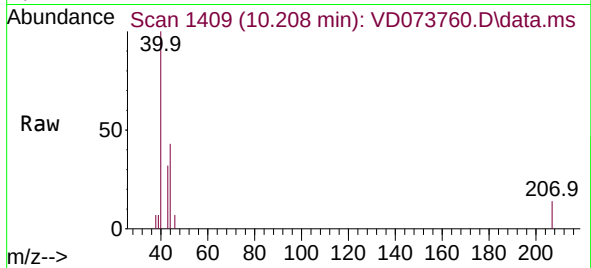




#51
4-Methyl-2-Pentanone
Concen: 1.268 ug/l
RT: 10.208 min Scan# 1411
Delta R.T. -0.012 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

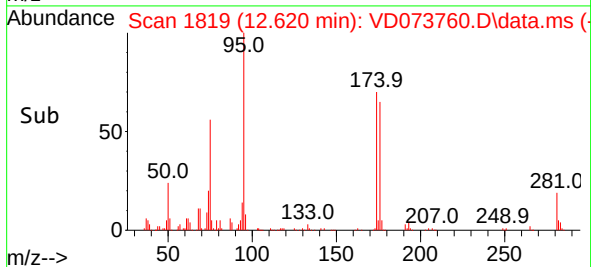
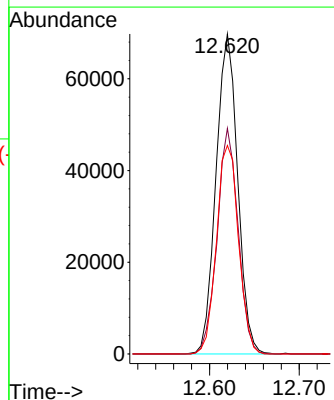
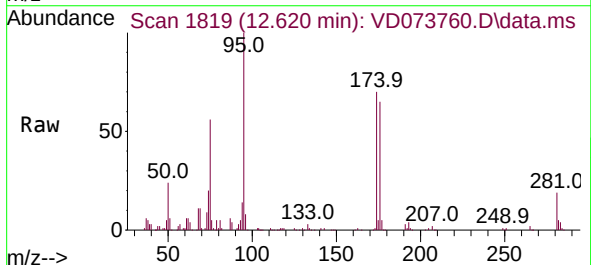
Instrument :
MSVOA_D
ClientSampleId :
VD0701SBL01

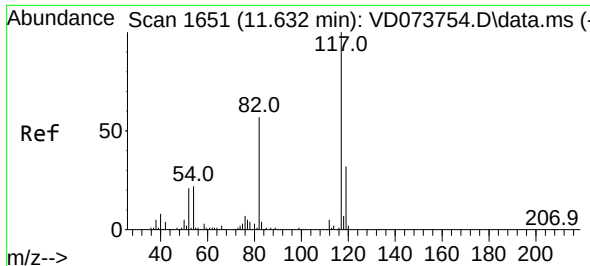
Tgt Ion: 43 Resp: 1860
Ion Ratio Lower Upper
43 100
58 20.9 32.3 48.5#



#62
4-Bromofluorobenzene
Concen: 43.736 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

Tgt Ion: 95 Resp: 116845
Ion Ratio Lower Upper
95 100
174 68.1 0.0 158.4
176 66.5 0.0 154.8

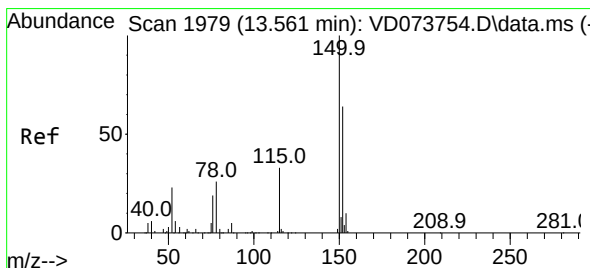
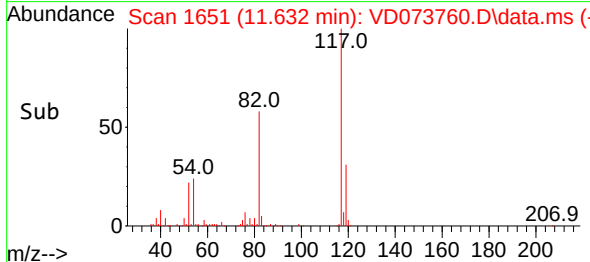
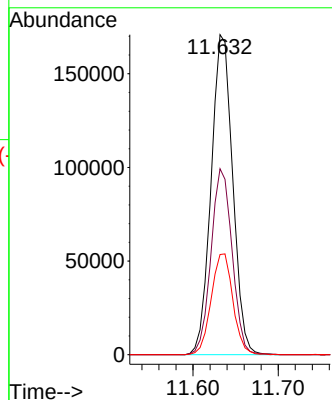
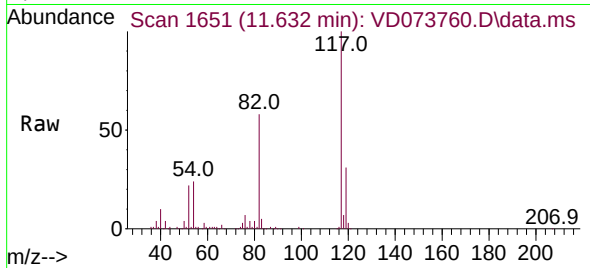




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

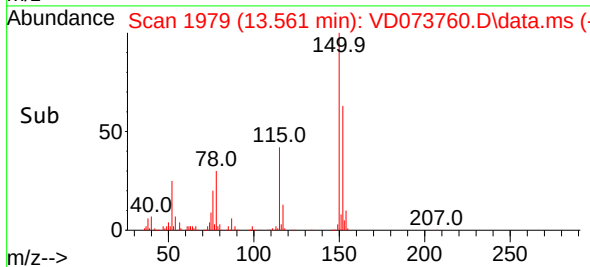
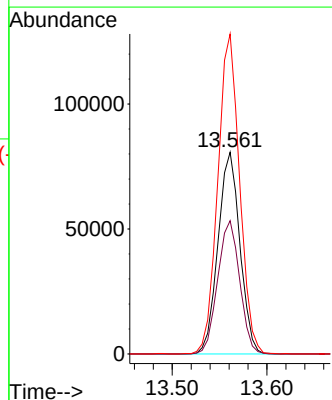
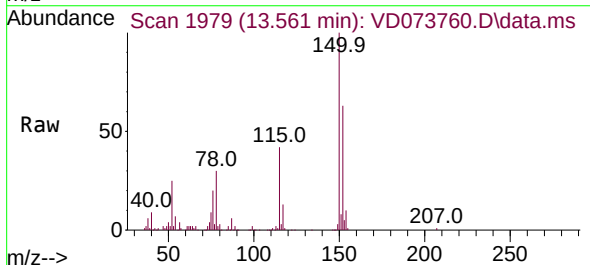
Instrument :
MSVOA_D
ClientSampleId :
VD0701SBL01

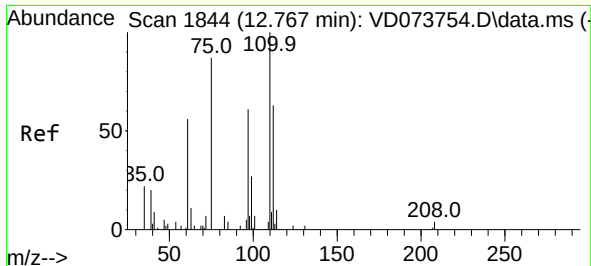
Tgt Ion:117 Resp: 301128
Ion Ratio Lower Upper
117 100
82 58.1 41.5 62.3
119 31.3 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

Tgt Ion:152 Resp: 129618
Ion Ratio Lower Upper
152 100
115 66.3 30.6 91.6
150 157.7 0.0 355.0

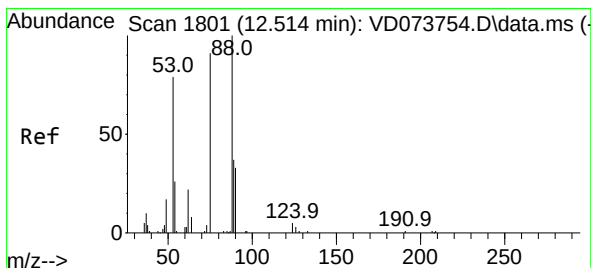
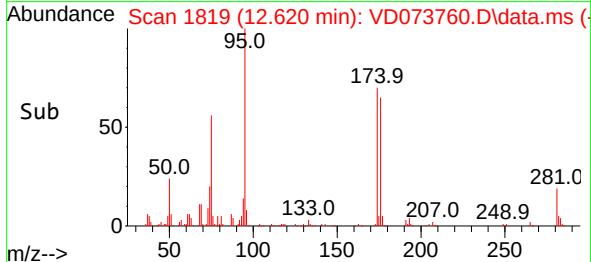
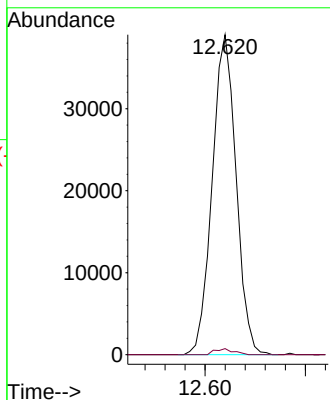
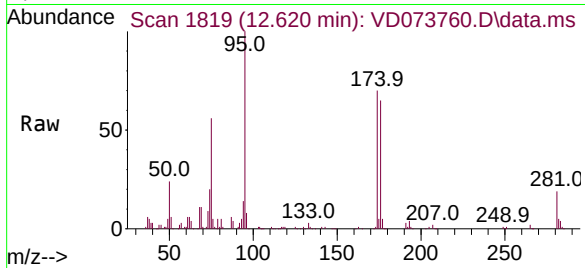




#76
1,2,3-Trichloropropane
Concen: 52.052 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD0701SBL01

Tgt Ion: 75 Resp: 64477
Ion Ratio Lower Upper
75 100
77 1.5 195.3 586.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.414 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073760.D
Acq: 01 Jul 2022 13:07

Tgt Ion: 75 Resp: 64477
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.6#
89 0.1 37.8 56.8#

