

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073778.D
 Acq On : 05 Jul 2022 17:06
 Operator : VA/SY
 Sample : N3562-07RE
 Misc : 3.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10A

Quant Time: Jul 06 02:51:31 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)

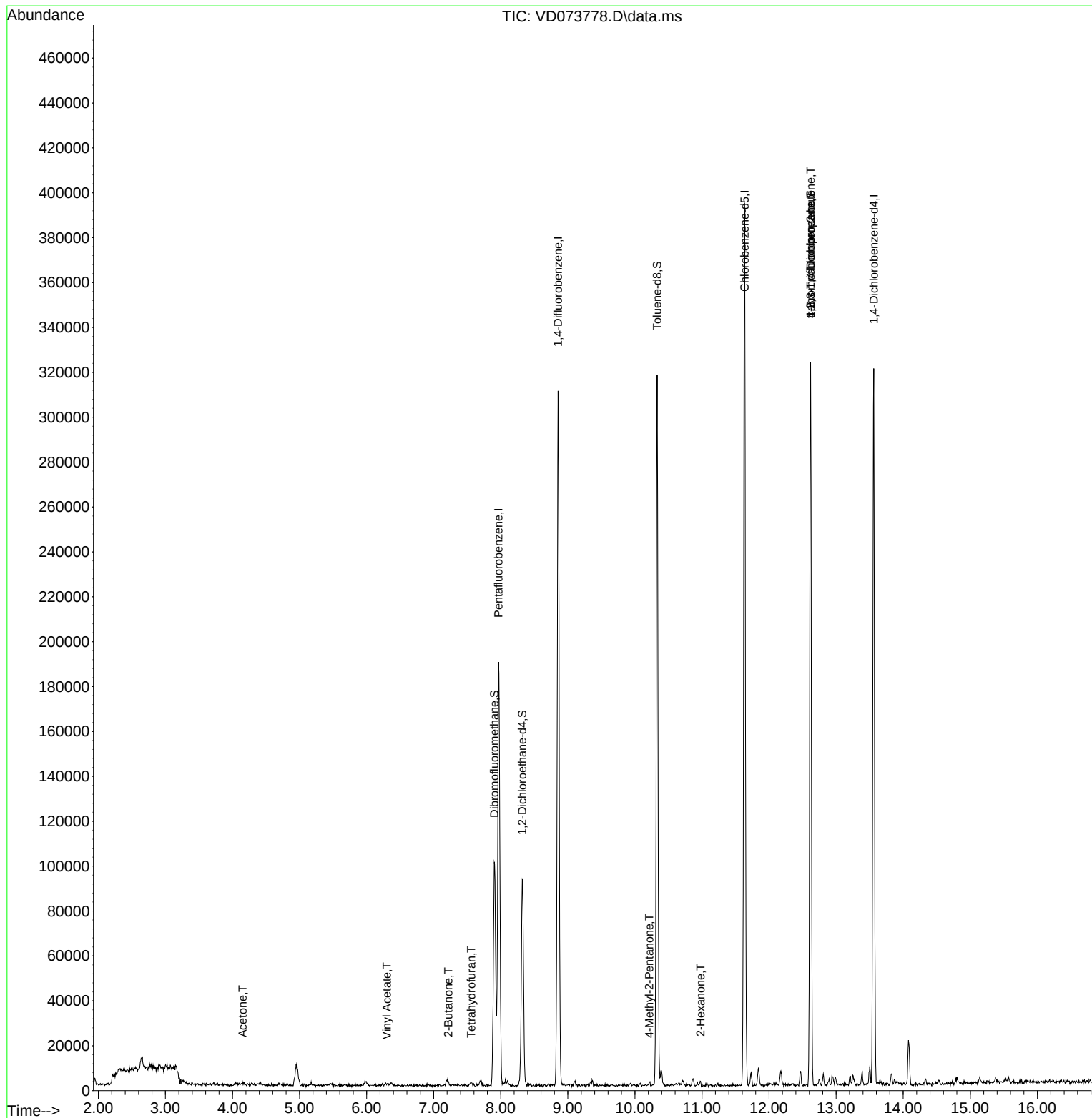
Internal Standards						
1) Pentafluorobenzene	7.967	168	124360	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	250694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	216009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	78134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	71004	58.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.060%	
35) Dibromofluoromethane	7.903	113	71356	52.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.800%	
50) Toluene-d8	10.332	98	206807	41.397	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 82.800%#	
62) 4-Bromofluorobenzene	12.620	95	80282	40.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 81.480%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.762	94	1152	Below Cal		85
16) Acetone	4.150	43	796	3.154	ug/l #	66
18) Methyl Acetate	4.709	43	172	Below Cal	#	50
23) Vinyl Acetate	6.303	43	2347	1.058	ug/l #	69
25) 2-Butanone	7.220	43	481	1.160	ug/l #	47
29) Tetrahydrofuran	7.561	42	911	3.477	ug/l #	47
31) Cyclohexane	7.973	56	4417	Below Cal	#	39
51) 4-Methyl-2-Pentanone	10.214	43	1149	1.062	ug/l	95
59) 2-Hexanone	10.979	43	1023	1.388	ug/l	99
76) 1,2,3-Trichloropropane	12.620	75	45840	61.390	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	45840	118.430	ug/l #	11

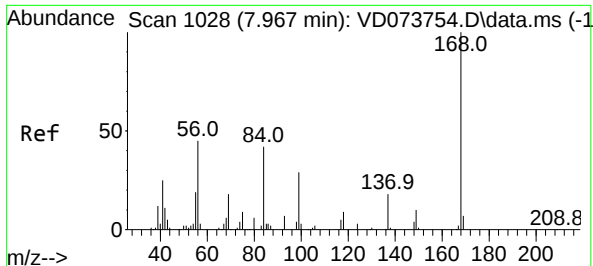
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

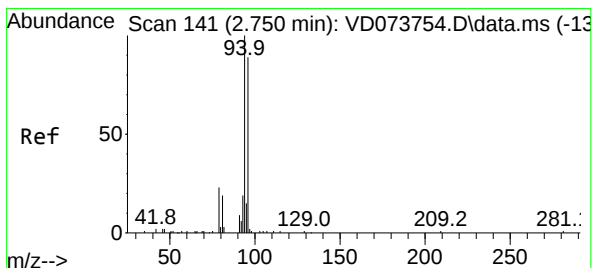
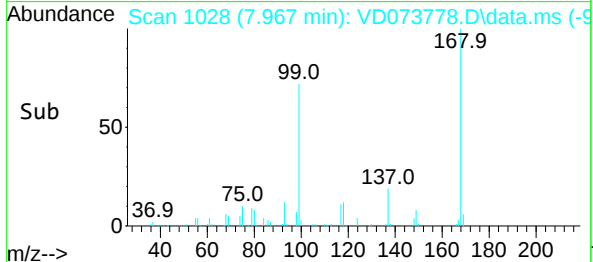
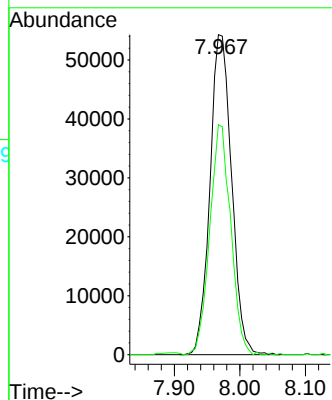
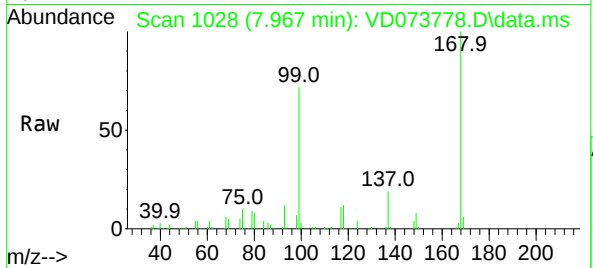




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

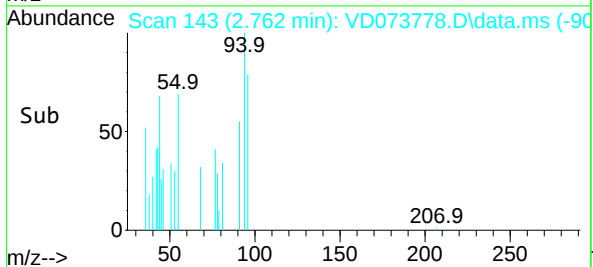
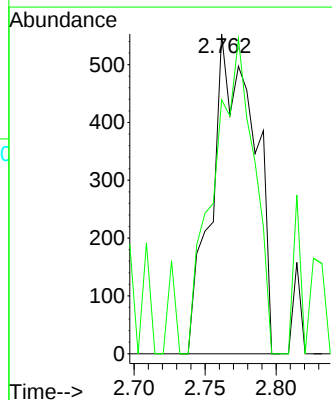
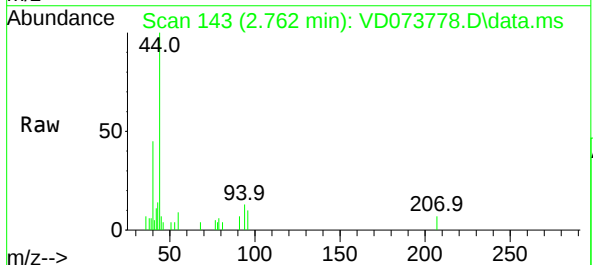
Instrument :
MSVOA_D
ClientSampleId :
SB-10A

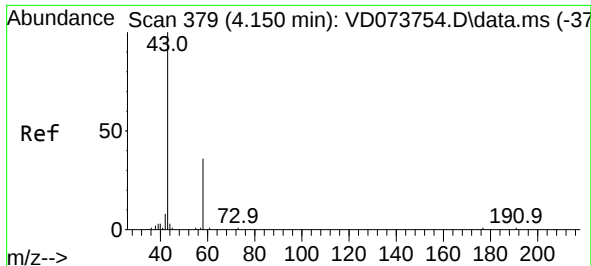
Tgt Ion:168 Resp: 124360
Ion Ratio Lower Upper
168 100
99 71.5 46.4 69.6#



#5
Bromomethane
Concen: Below Cal
RT: 2.762 min Scan# 143
Delta R.T. 0.012 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

Tgt Ion: 94 Resp: 1152
Ion Ratio Lower Upper
94 100
96 79.4 75.1 112.7

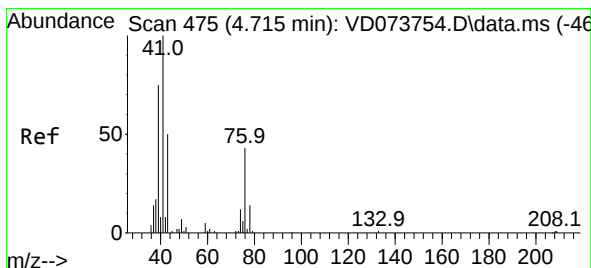
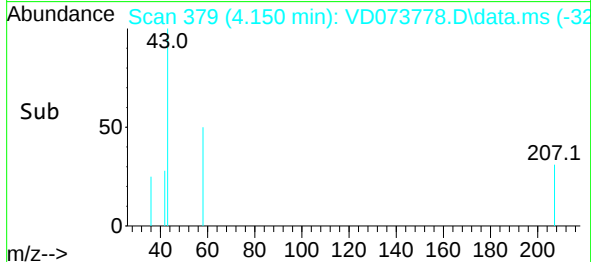
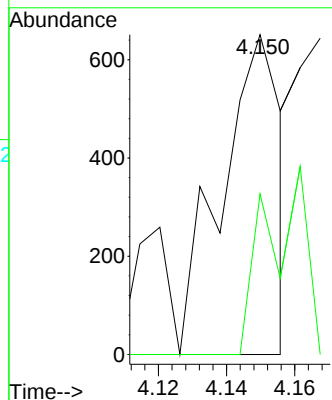
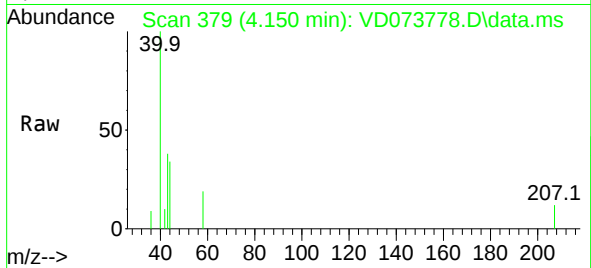




#16
Acetone
Concen: 3.154 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

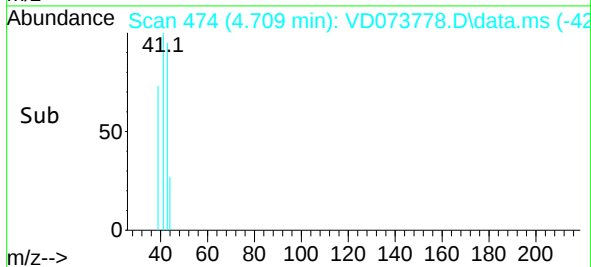
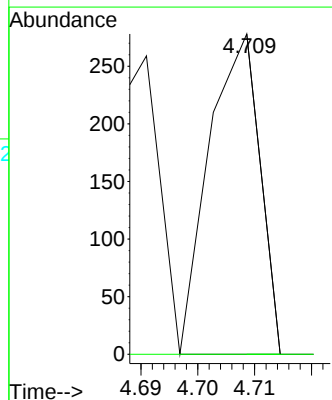
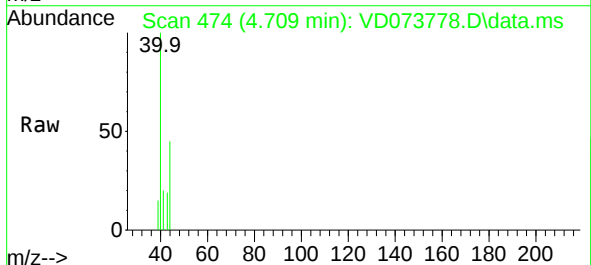
Instrument :
MSVOA_D
ClientSampleId :
SB-10A

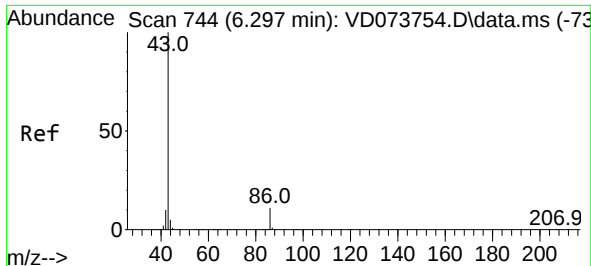
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 50.2 25.2 37.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#

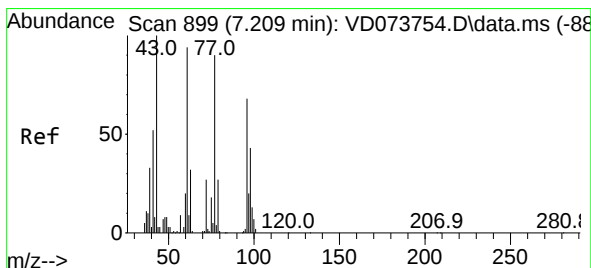
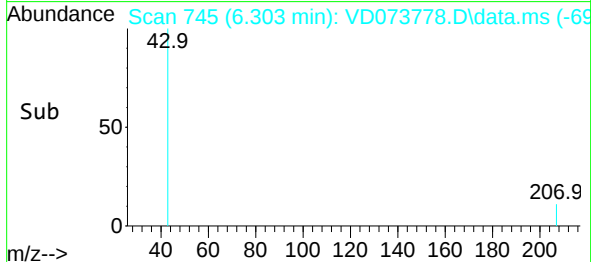
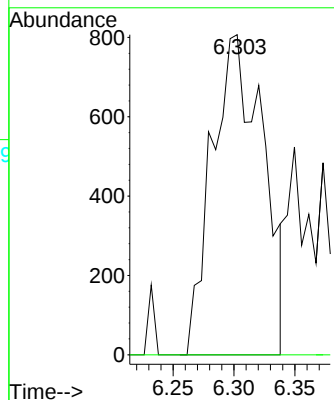
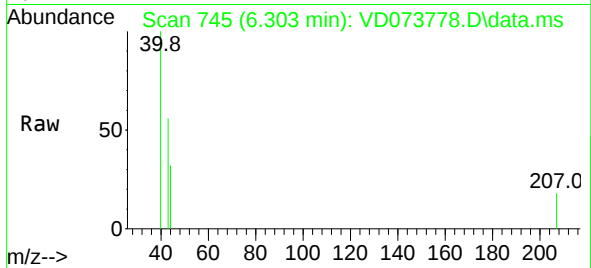




#23
 Vinyl Acetate
 Concen: 1.058 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073778.D
 Acq: 05 Jul 2022 17:06

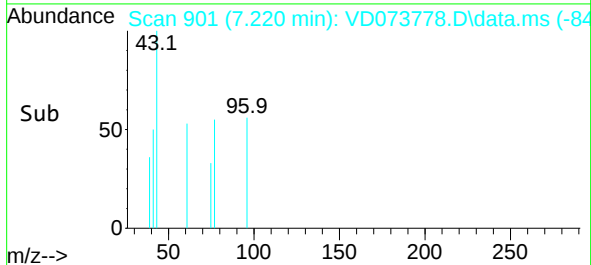
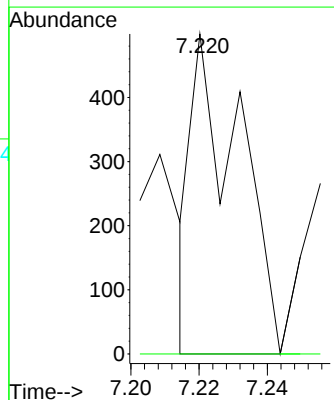
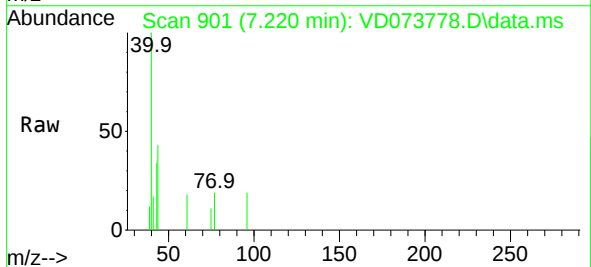
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10A

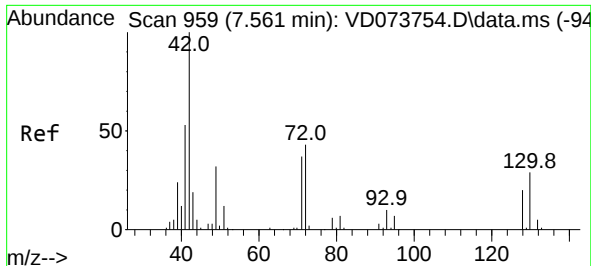
Tgt Ion: 43 Resp: 2347
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.7 14.5#



#25
 2-Butanone
 Concen: 1.160 ug/l
 RT: 7.220 min Scan# 901
 Delta R.T. 0.012 min
 Lab File: VD073778.D
 Acq: 05 Jul 2022 17:06

Tgt Ion: 43 Resp: 481
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.6 33.8#





#29

Tetrahydrofuran

Concen: 3.477 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073778.D

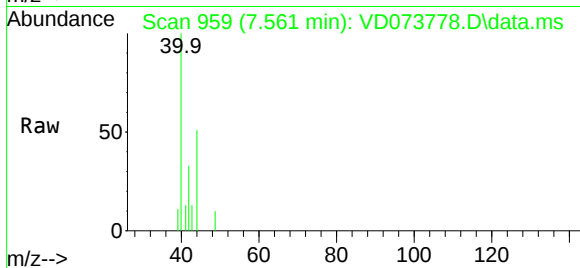
Acq: 05 Jul 2022 17:06

Instrument :

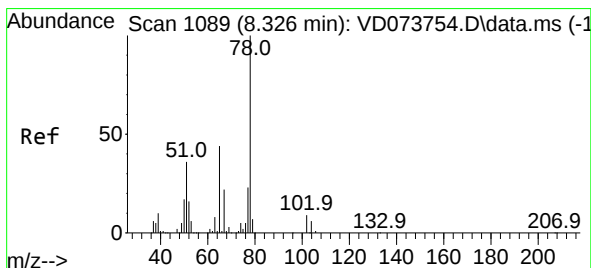
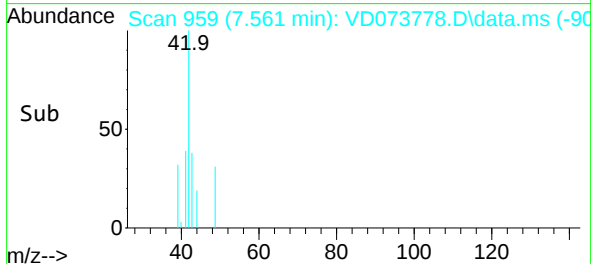
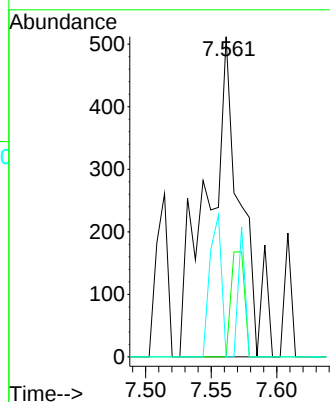
MSVOA_D

ClientSampleId :

SB-10A



Tgt Ion:	42	Resp:	911
Ion Ratio	Lower	Upper	
42	100		
72	13.1	37.8	56.6#
71	8.0	35.5	53.3#



#33

1,2-Dichloroethane-d4

Concen: 58.528 ug/l

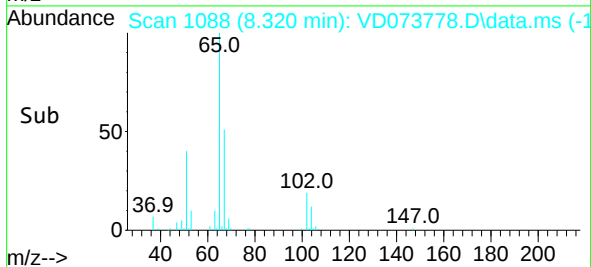
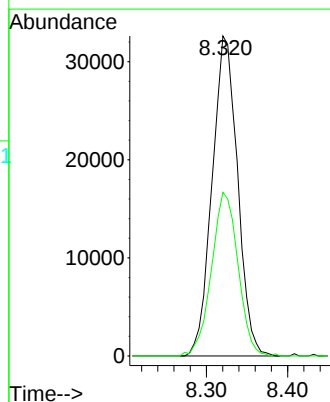
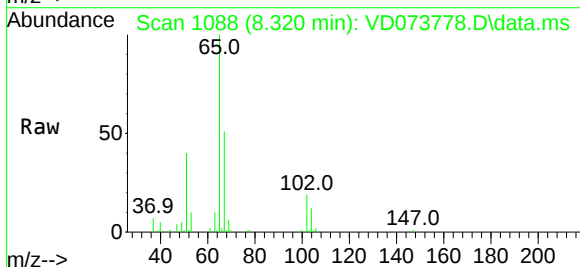
RT: 8.320 min Scan# 1088

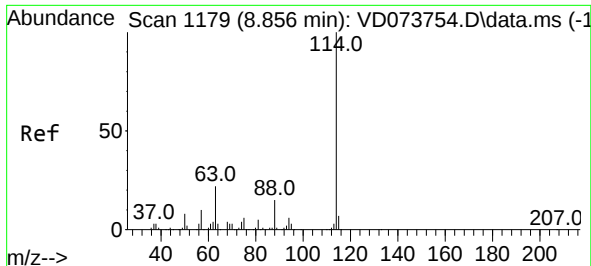
Delta R.T. -0.006 min

Lab File: VD073778.D

Acq: 05 Jul 2022 17:06

Tgt Ion:	65	Resp:	71004
Ion Ratio	Lower	Upper	
65	100		
67	53.2	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: VD073778.D

Acq: 05 Jul 2022 17:06

Instrument :

MSVOA_D

ClientSampleId :

SB-10A

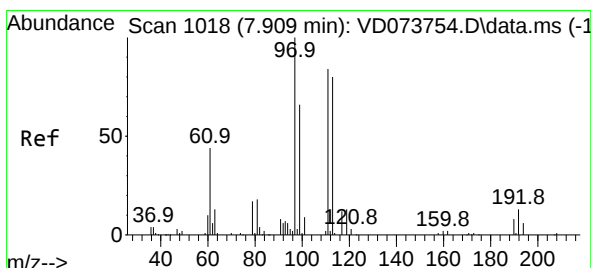
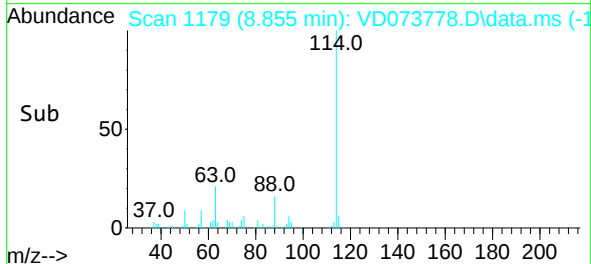
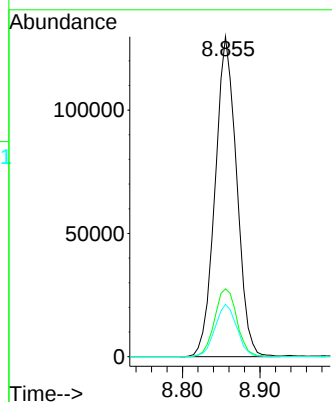
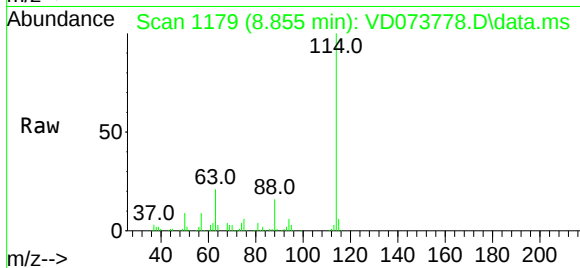
Tgt Ion:114 Resp: 250694

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.2

88 16.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 52.395 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073778.D

Acq: 05 Jul 2022 17:06

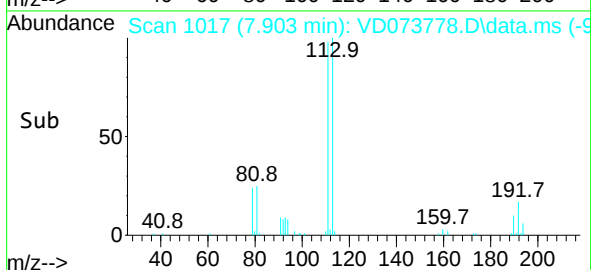
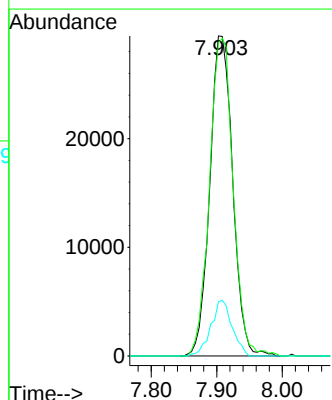
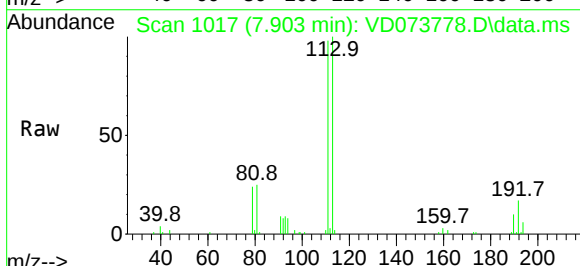
Tgt Ion:113 Resp: 71356

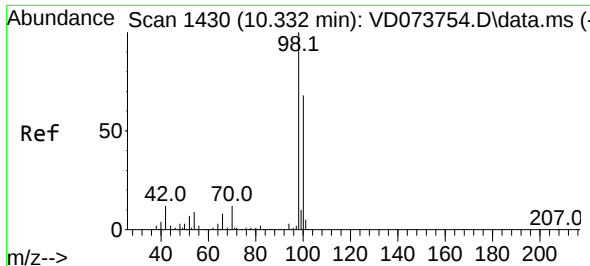
Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

192 16.1 14.8 22.2

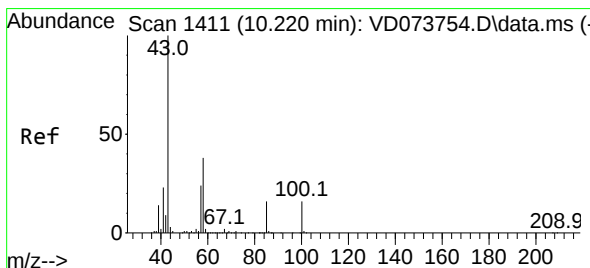
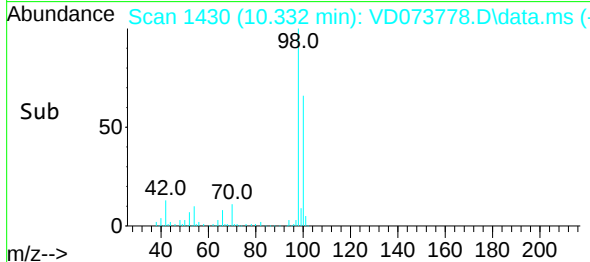
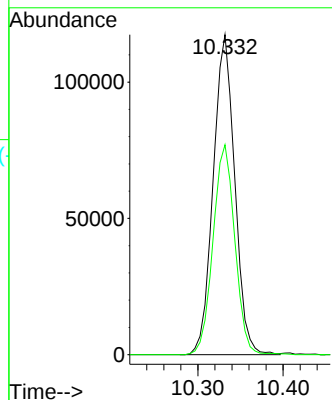
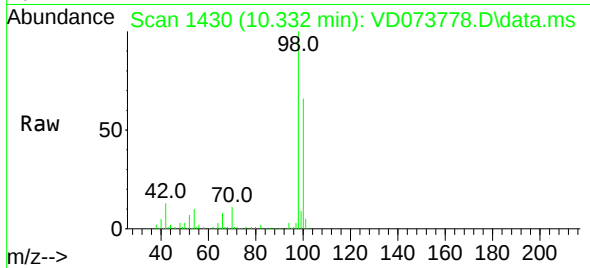




#50
Toluene-d8
Concen: 41.397 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

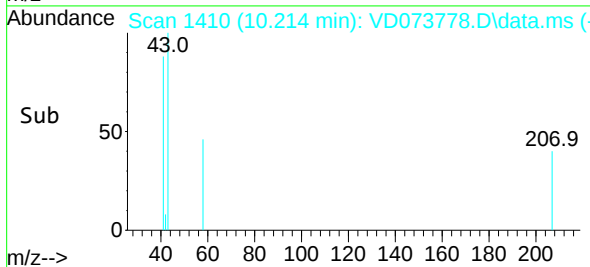
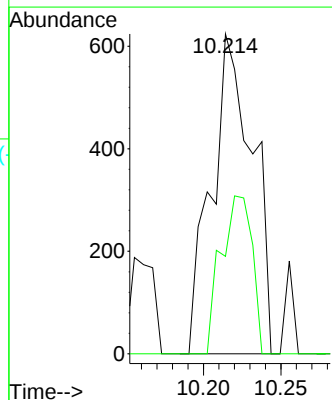
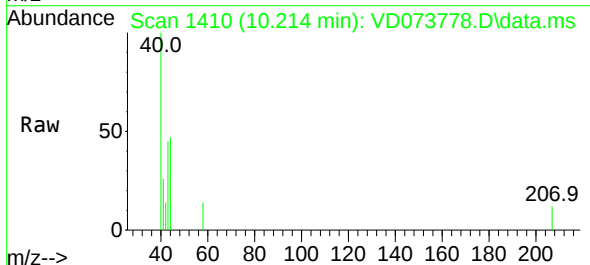
Instrument :
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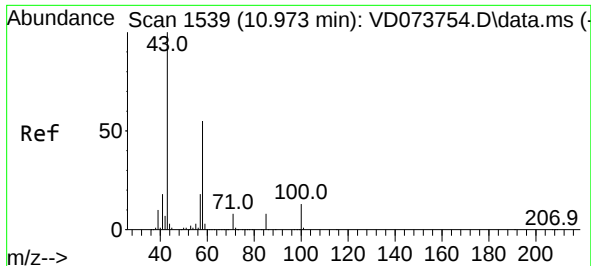
Tgt Ion: 98 Resp: 206807
Ion Ratio Lower Upper
98 100
100 66.4 54.0 81.0



#51
4-Methyl-2-Pentanone
Concen: 1.062 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
58 37.3 32.3 48.5

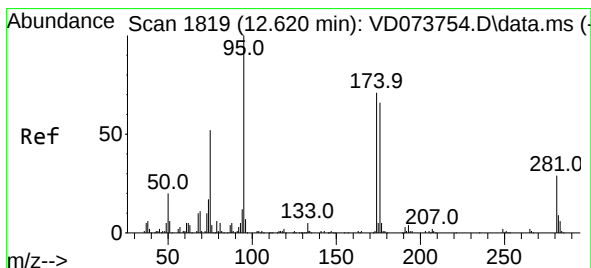
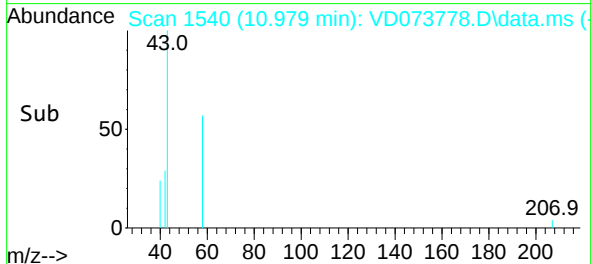
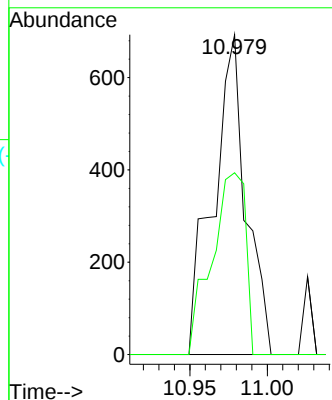
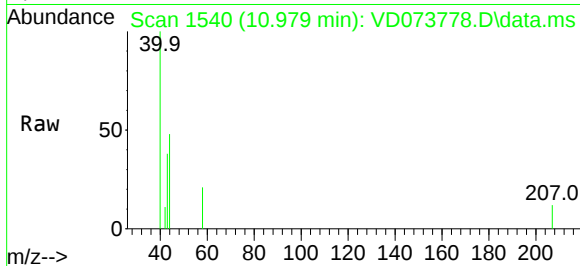




#59
2-Hexanone
Concen: 1.388 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

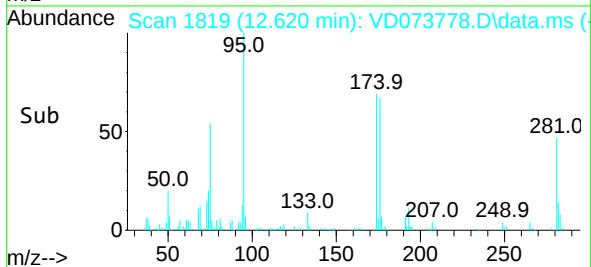
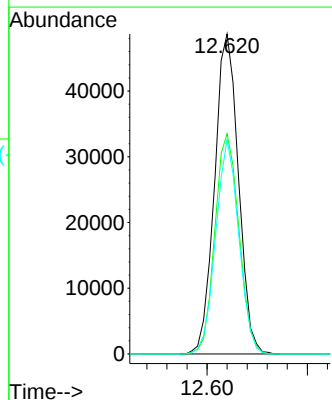
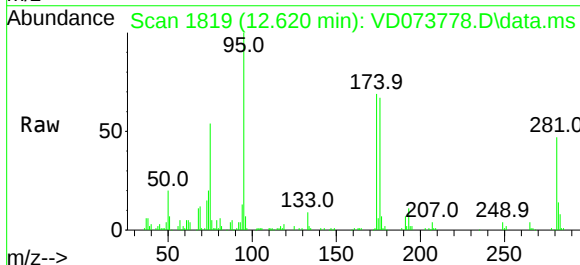
Instrument :
MSVOA_D
ClientSampleId :
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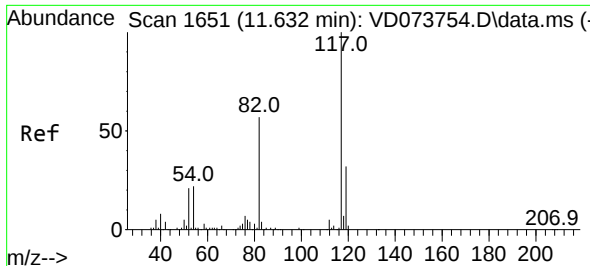
Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
58 58.5 28.8 86.4



#62
4-Bromofluorobenzene
Concen: 40.745 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

Tgt Ion: 95 Resp: 80282
Ion Ratio Lower Upper
95 100
174 69.3 0.0 158.4
176 65.0 0.0 154.8

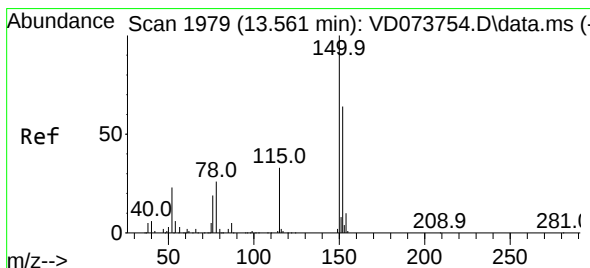
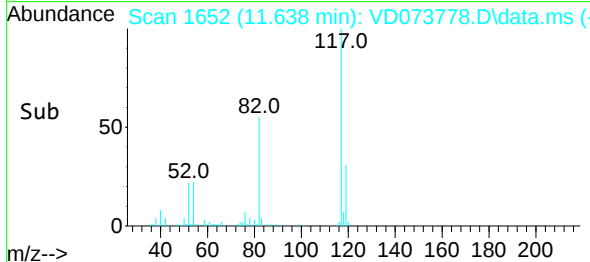
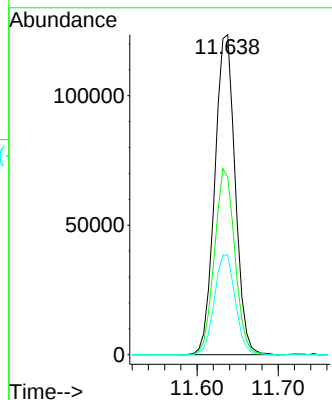
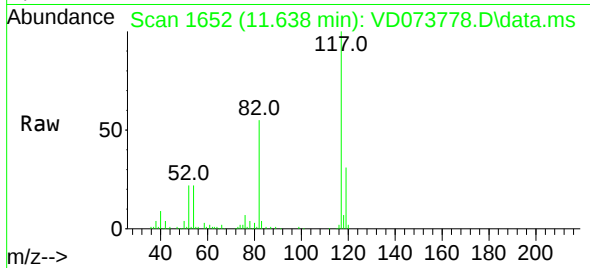




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

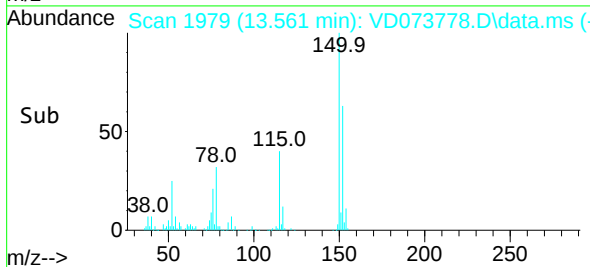
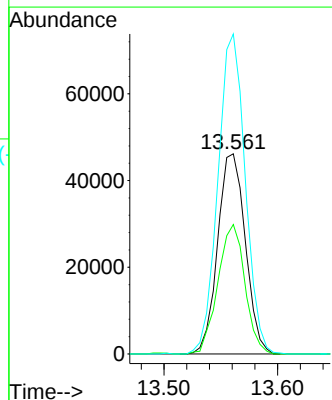
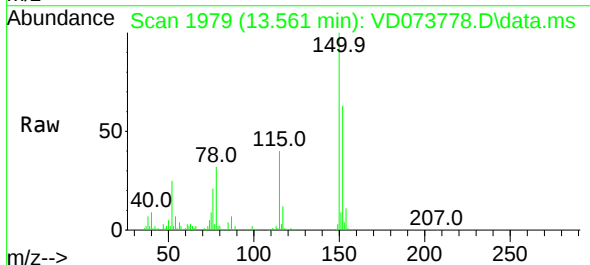
Instrument :
MSVOA_D
ClientSampleId :
SB-10A

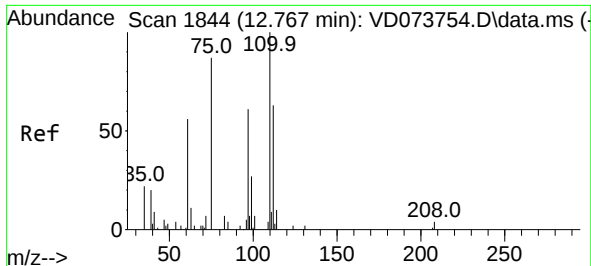
Tgt Ion:117 Resp: 216009
Ion Ratio Lower Upper
117 100
82 55.4 41.5 62.3
119 31.1 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

Tgt Ion:152 Resp: 78134
Ion Ratio Lower Upper
152 100
115 63.1 30.6 91.6
150 157.7 0.0 355.0

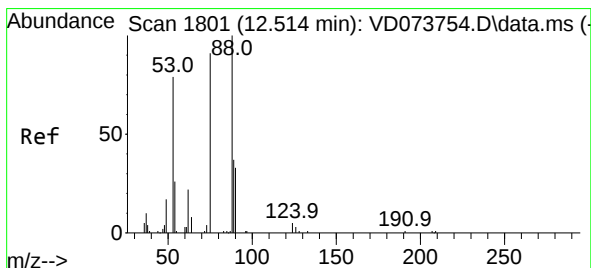
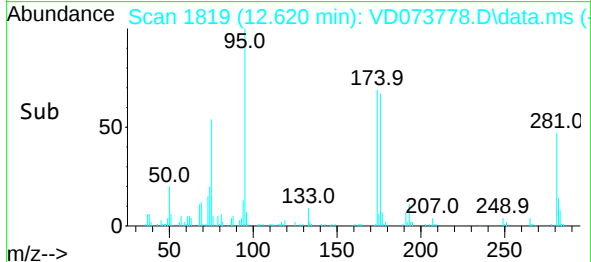
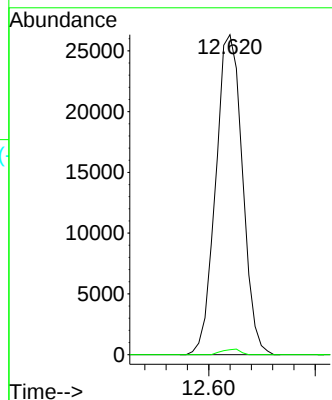
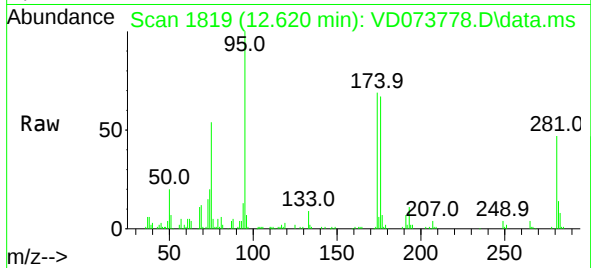




#76
1,2,3-Trichloropropane
Concen: 61.390 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

Instrument :
MSVOA_D
ClientSampleId :
SB-10A

Tgt Ion: 75 Resp: 45840
Ion Ratio Lower Upper
75 100
77 1.2 195.3 586.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.430 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

Tgt Ion: 75 Resp: 45840
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.6#
89 1.0 37.8 56.8#

