

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072410.D
 Acq On : 24 Mar 2022 16:22
 Operator : VA/SY
 Sample : N2058-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MHA

Quant Time: Mar 24 16:46:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

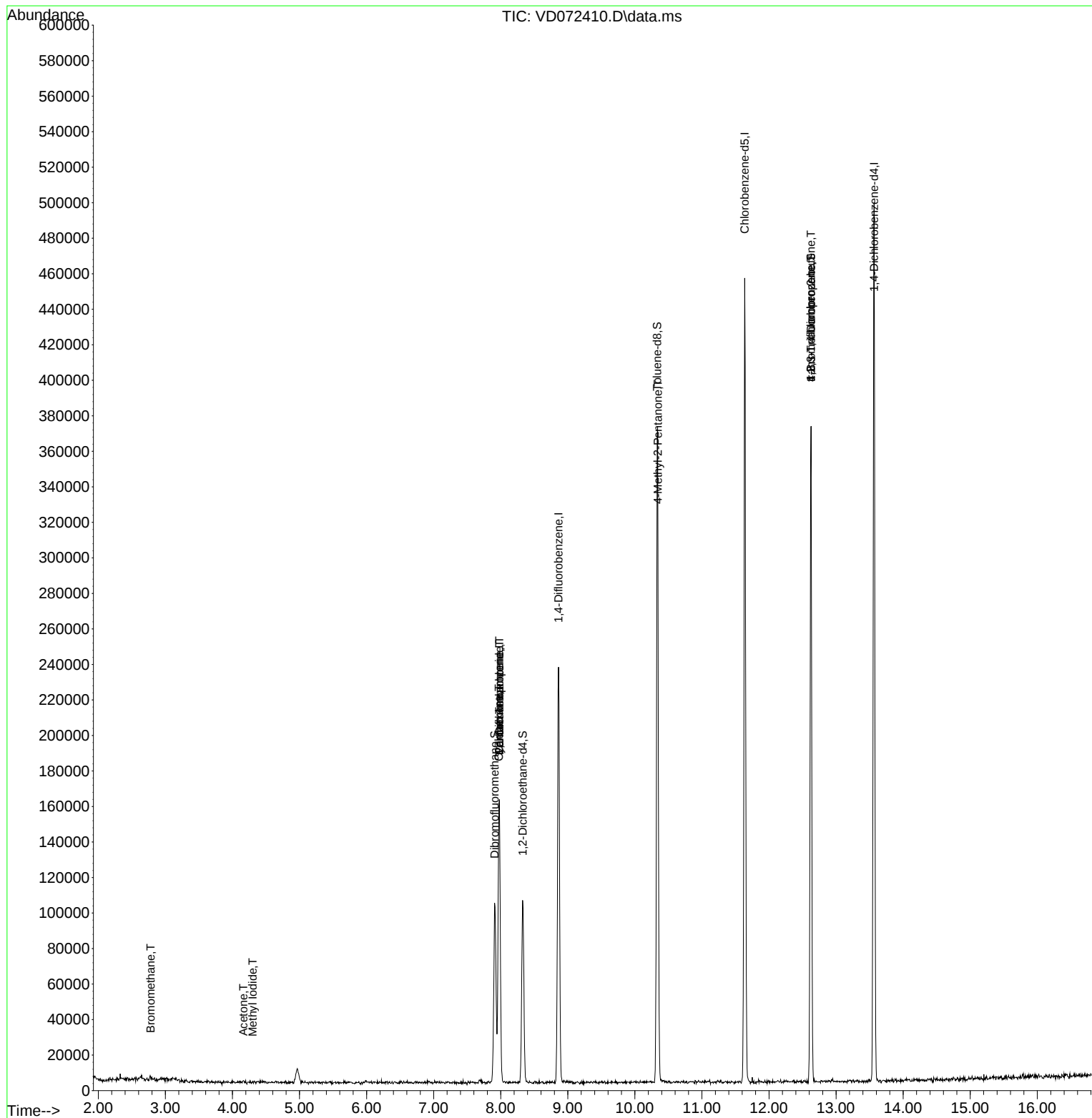
Internal Standards						
1) Pentafluorobenzene	7.979	168	116680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	197724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	249895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	128756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	83402	64.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.280%	
35) Dibromofluoromethane	7.909	113	73490	52.817	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.640%	
50) Toluene-d8	10.332	98	252071	49.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.100%	
62) 4-Bromofluorobenzene	12.626	95	120566	60.989	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	815	1.352	ug/l #	50
10) Methyl Iodide	4.303	142	160	2.355	ug/l #	85
16) Acetone	4.162	43	1427	5.054	ug/l #	85
20) Methylene Chloride	4.962	84	5959	Below Cal	#	74
31) Cyclohexane	7.973	56	3214	1.582	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	10199	5.225	ug/l #	50
38) Carbon Tetrachloride	7.979	117	12165	5.483	ug/l #	16
51) 4-Methyl-2-Pentanone	10.344	43	1237	1.419	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	62584	44.064	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	62584	109.328	ug/l #	7

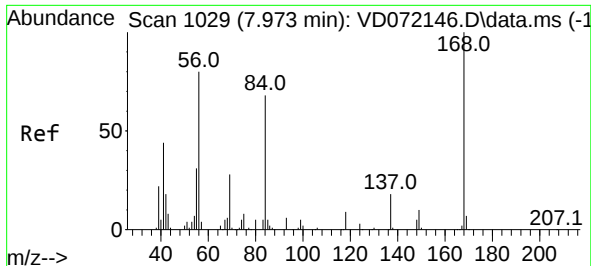
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

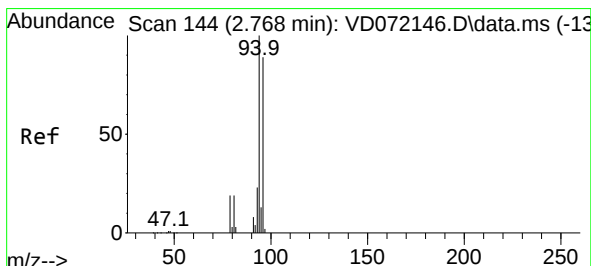
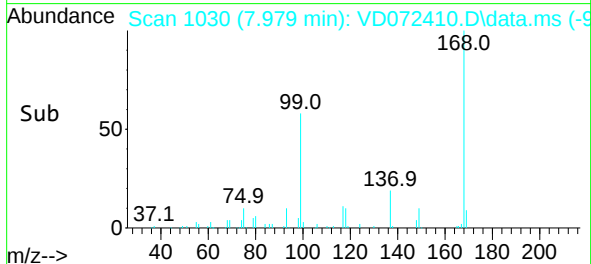
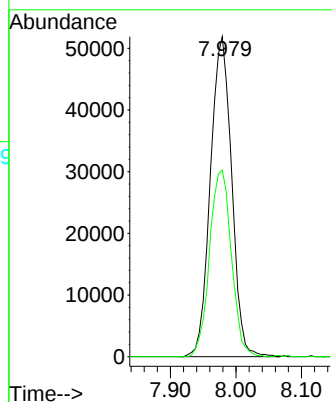
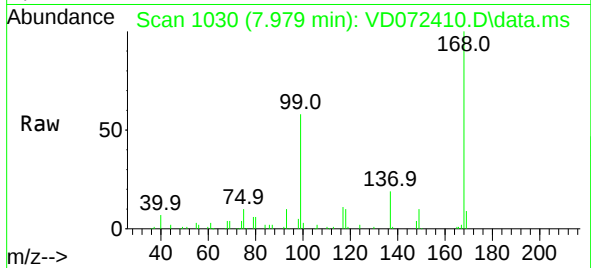




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

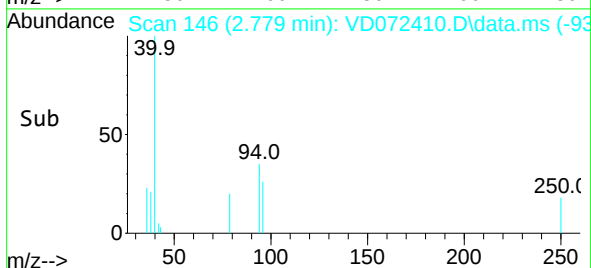
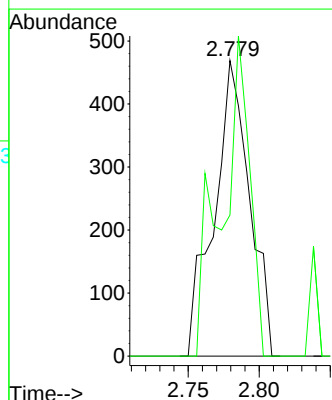
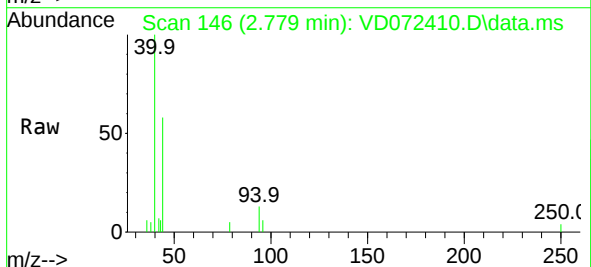
Instrument :
MSVOA_D
ClientSampleId :
MHA

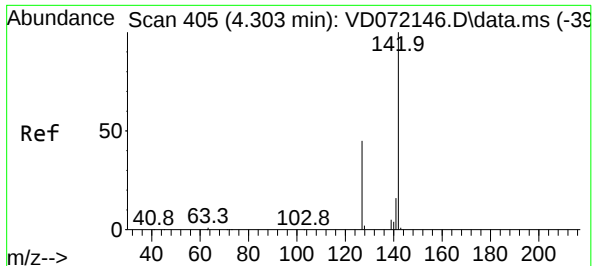
Tgt Ion:168 Resp: 116680
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#5
Bromomethane
Concen: 1.352 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 94 Resp: 815
Ion Ratio Lower Upper
94 100
96 47.8 77.6 116.4#

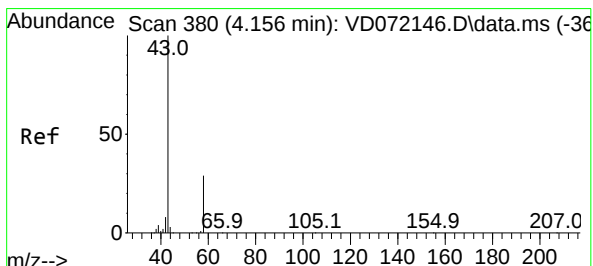
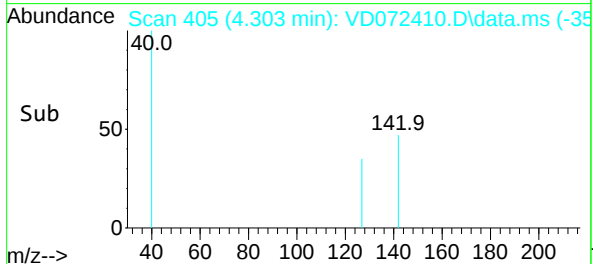
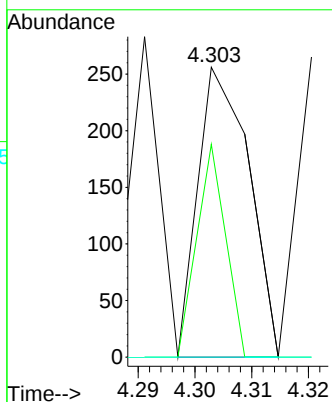
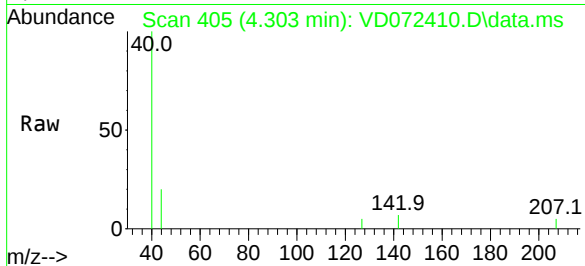




#10
Methyl Iodide
Concen: 2.355 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

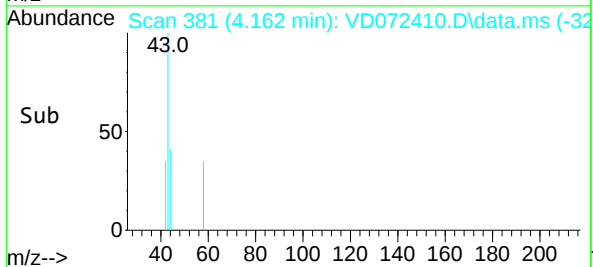
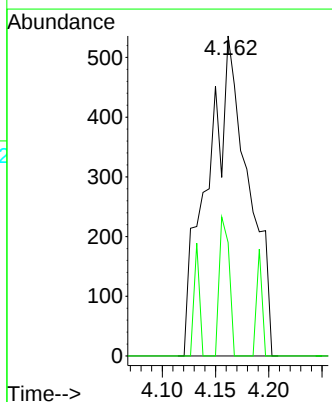
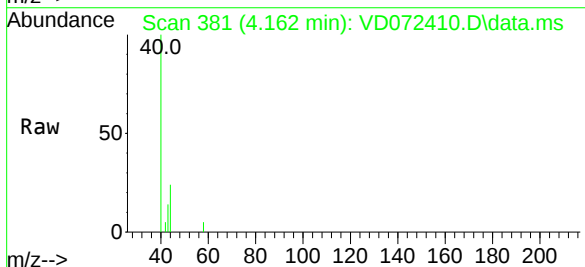
Instrument :
MSVOA_D
ClientSampleId :
MHA

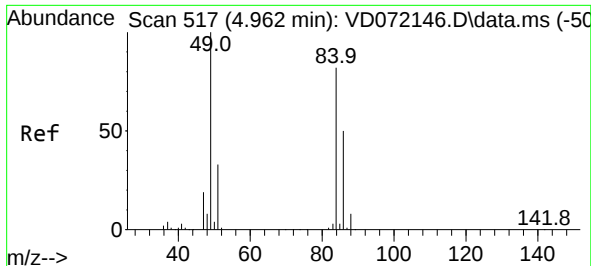
Tgt Ion:142 Resp: 160
Ion Ratio Lower Upper
142 100
127 41.3 37.3 55.9
141 0.0 11.7 17.5#



#16
Acetone
Concen: 5.054 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

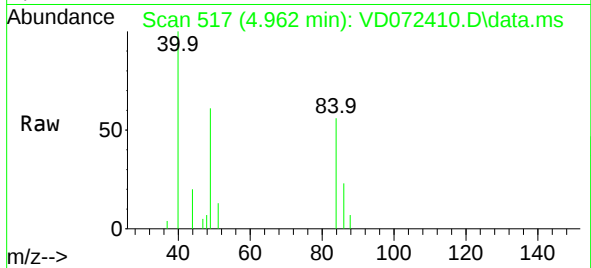
Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
58 35.4 22.1 33.1#



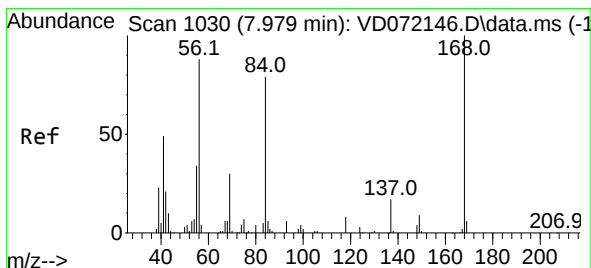
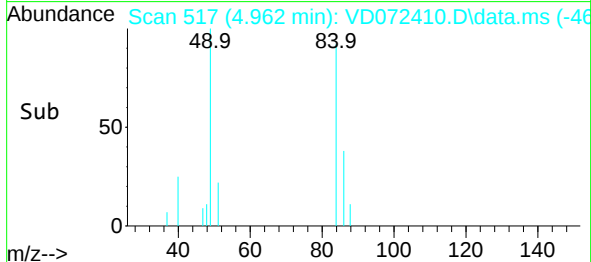
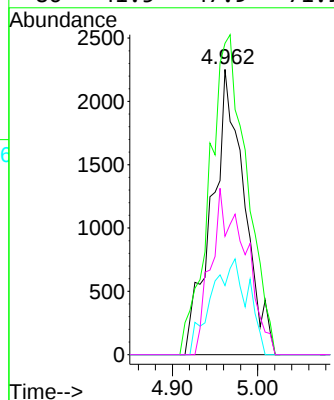


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Instrument :
MSVOA_D
ClientSampleId :
MHA

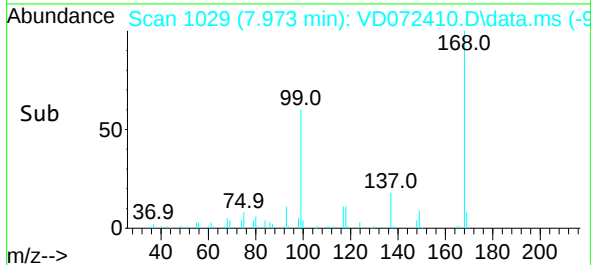
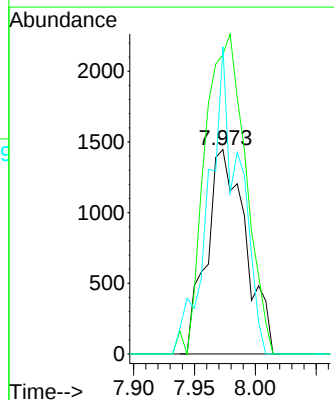
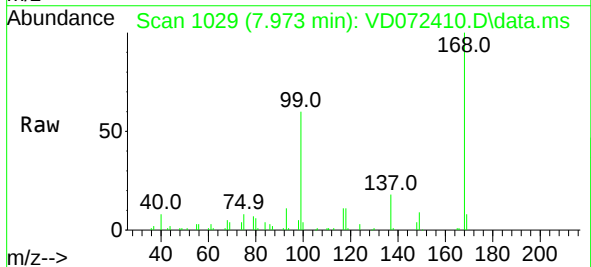


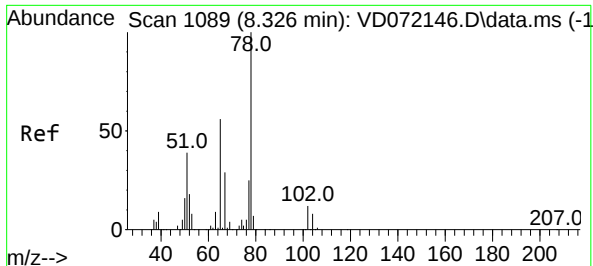
Tgt Ion:	84	Resp:	5959
Ion	Ratio	Lower	Upper
84	100		
49	109.1	112.8	169.2#
51	24.2	32.6	48.8#
86	41.5	47.9	71.9#



#31
Cyclohexane
Concen: 1.582 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Tgt Ion:	56	Resp:	3214
Ion	Ratio	Lower	Upper
56	100		
69	146.5	25.4	38.2#
84	150.3	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 64.139 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD072410.D

Acq: 24 Mar 2022 16:22

Instrument :

MSVOA_D

ClientSampleId :

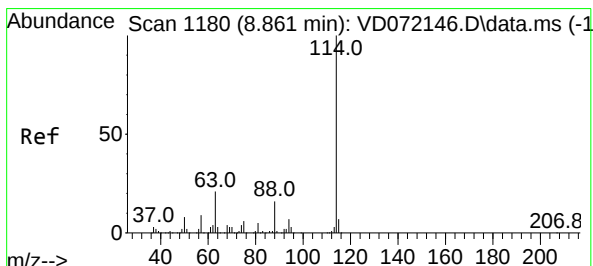
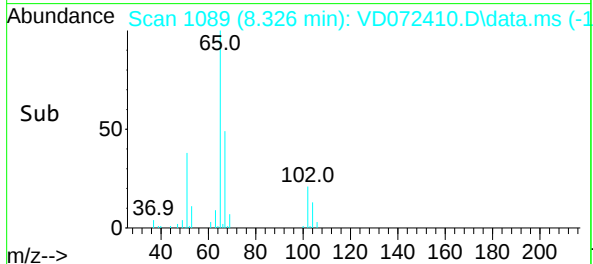
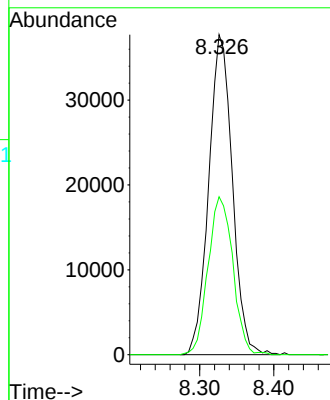
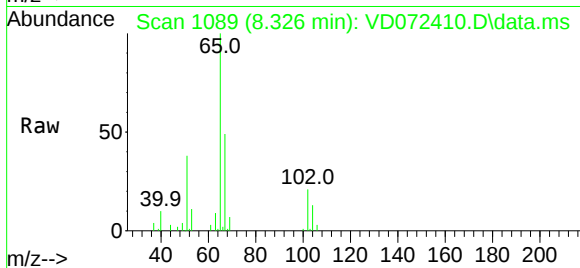
MHA

Tgt Ion: 65 Resp: 83402

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072410.D

Acq: 24 Mar 2022 16:22

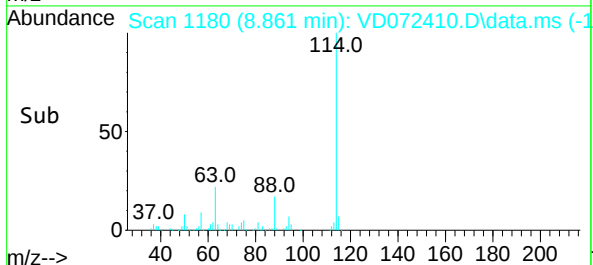
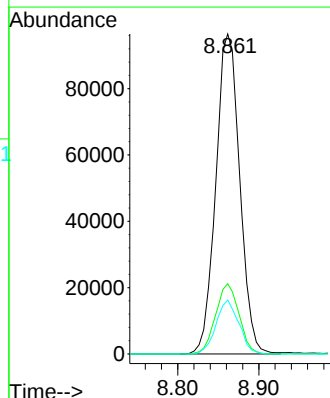
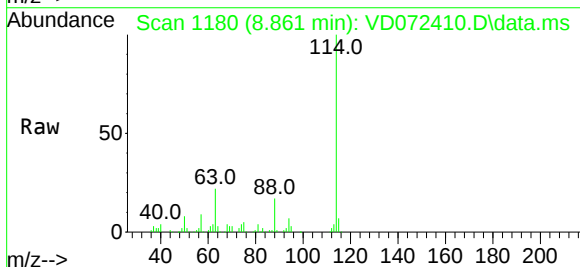
Tgt Ion: 114 Resp: 197724

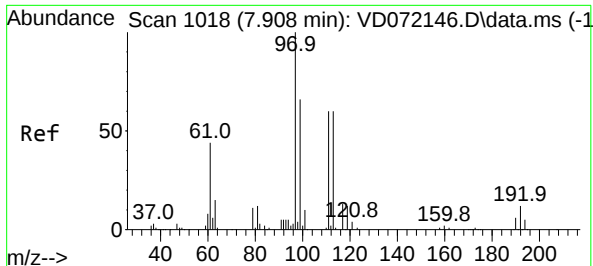
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 16.8 0.0 33.2

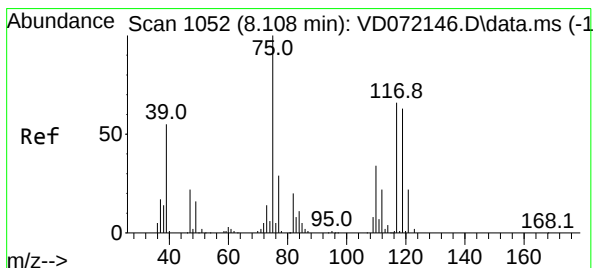
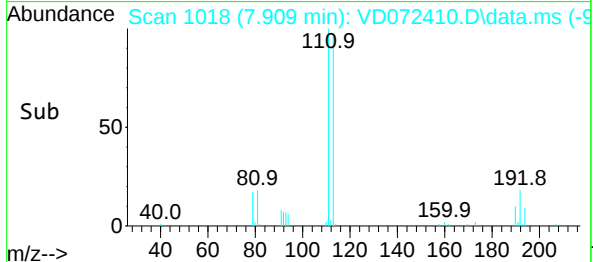
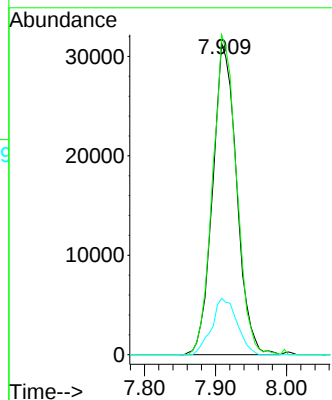
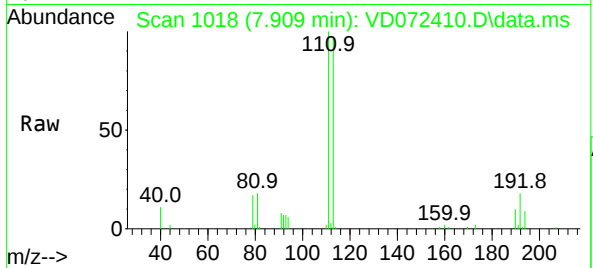




#35
Dibromofluoromethane
Concen: 52.817 ug/l
RT: 7.909 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

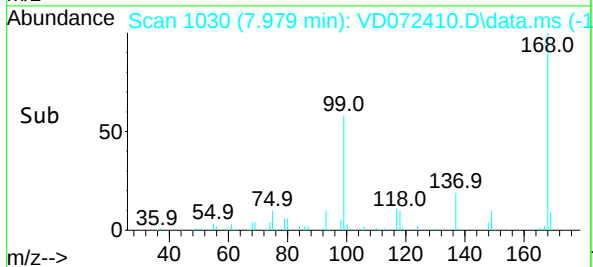
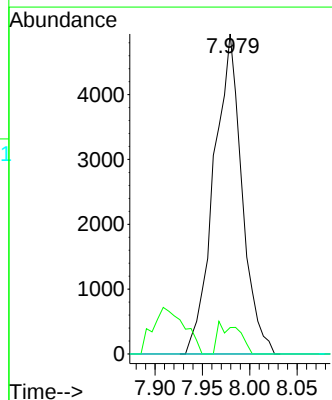
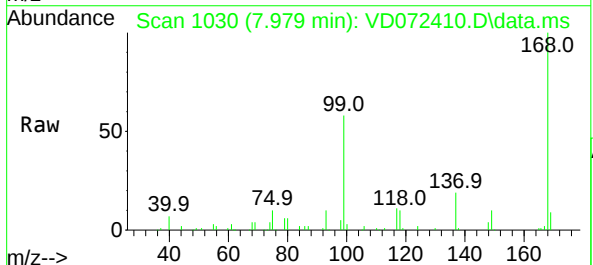
Instrument :
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ClientSampleId :
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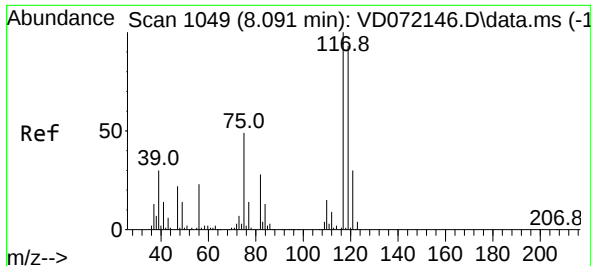
Tgt Ion:113 Resp: 73490
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 19.0 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.225 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 75 Resp: 10199
Ion Ratio Lower Upper
75 100
110 7.4 16.4 49.1#
77 0.0 24.2 36.2#

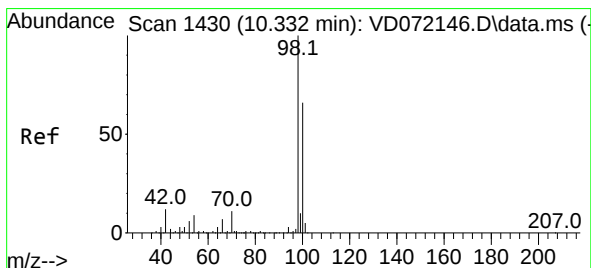
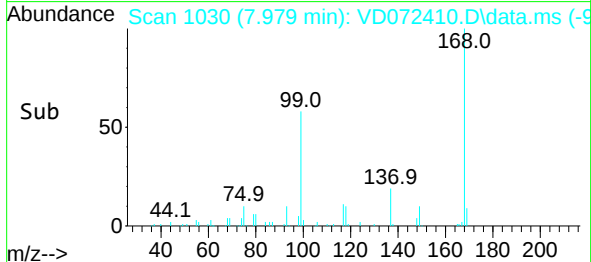
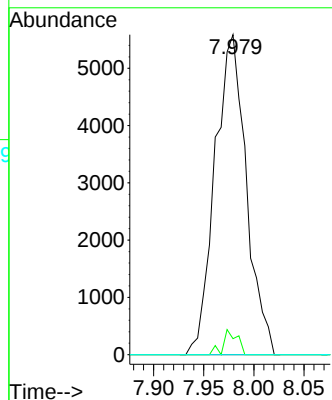
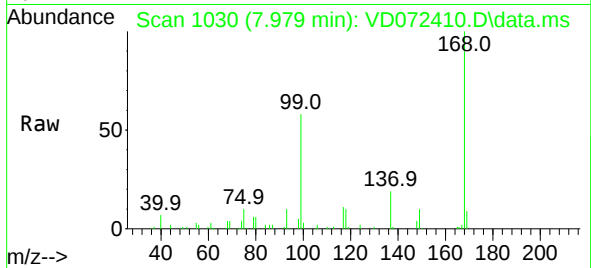




#38
Carbon Tetrachloride
Concen: 5.483 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

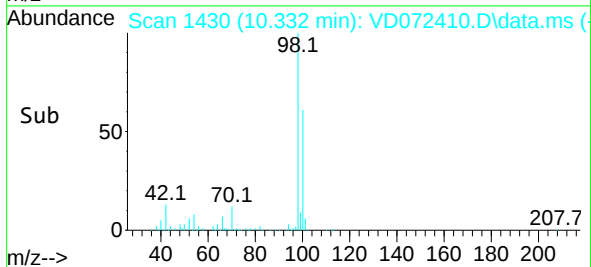
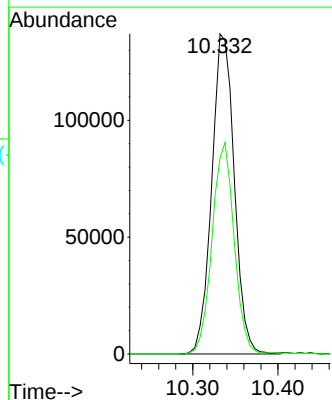
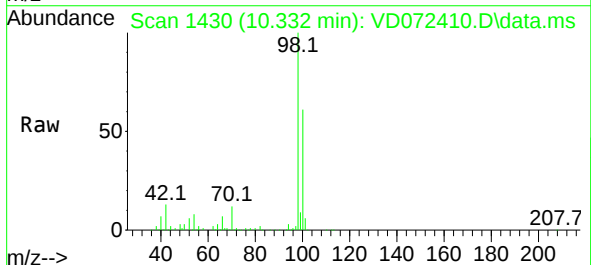
Instrument :
MSVOA_D
ClientSampleId :
MHA

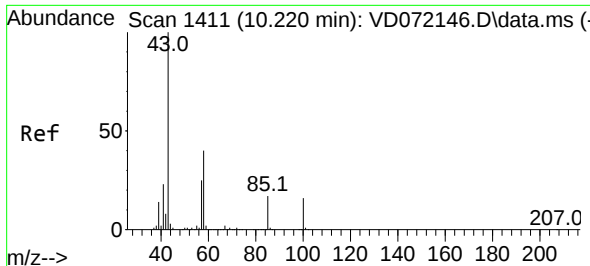
Tgt Ion:117 Resp: 12165
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.545 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 98 Resp: 252071
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6

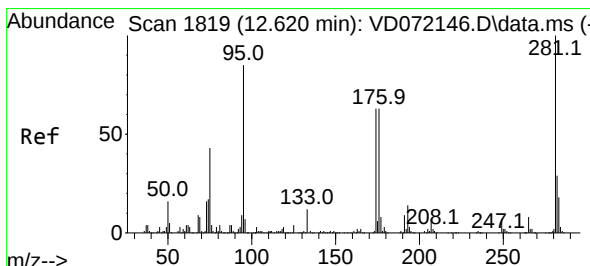
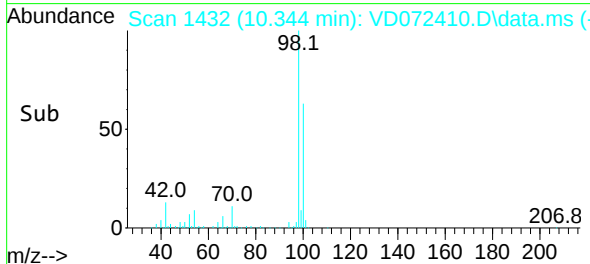
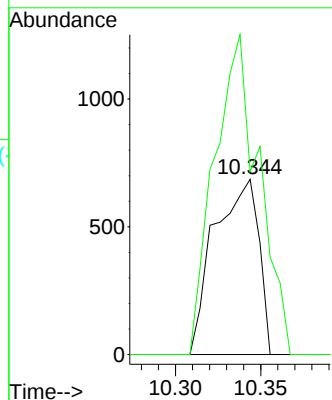
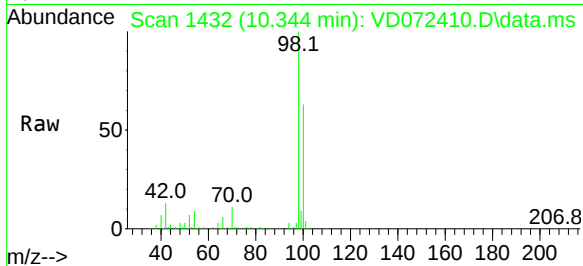




#51
4-Methyl-2-Pentanone
Concen: 1.419 ug/l
RT: 10.344 min Scan# 1411
Delta R.T. 0.124 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

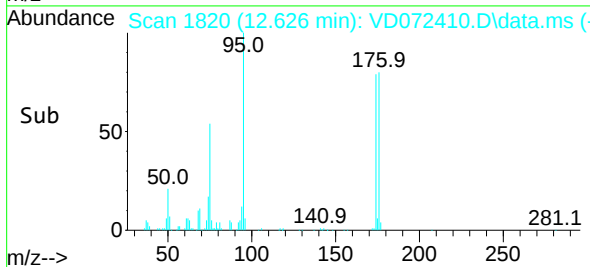
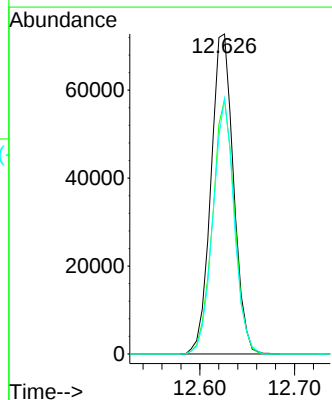
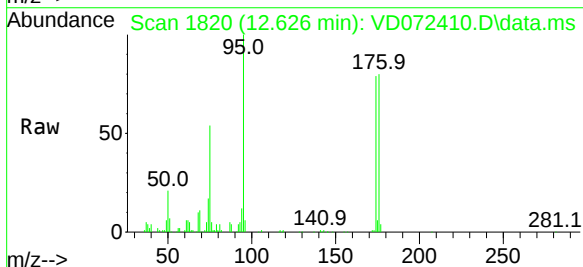
Instrument :
MSVOA_D
ClientSampleId :
MHA

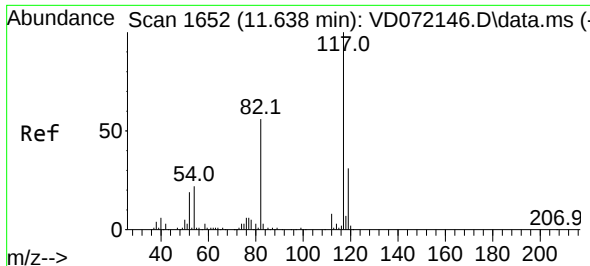
Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
58 183.5 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 60.989 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 95 Resp: 120566
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 74.9 0.0 145.4

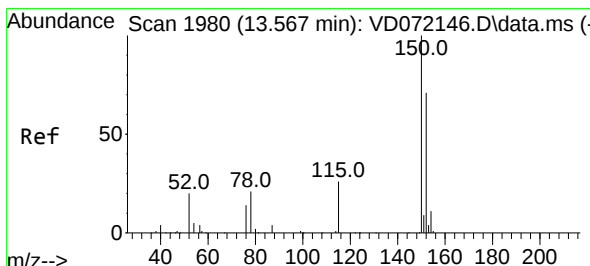
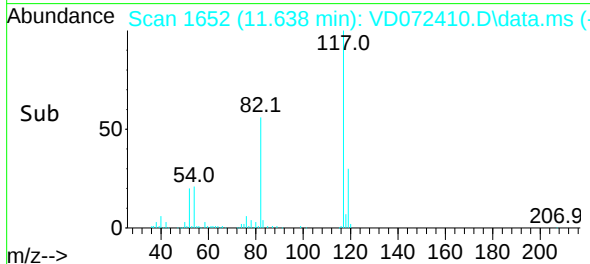
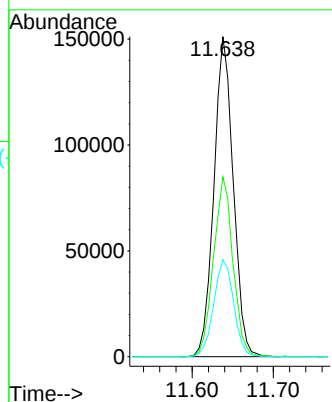
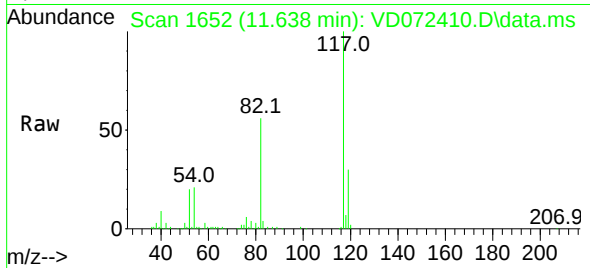




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

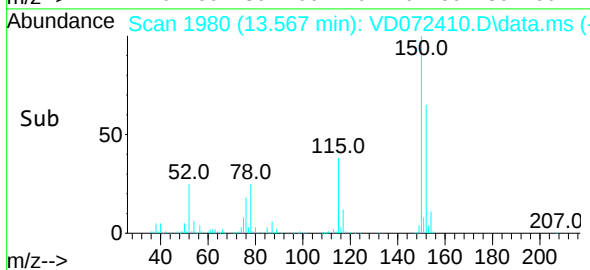
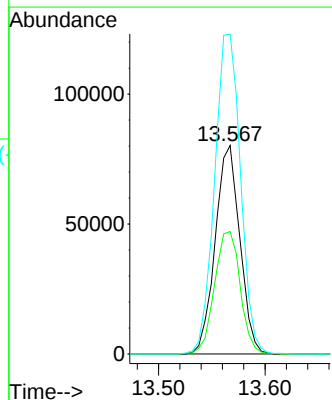
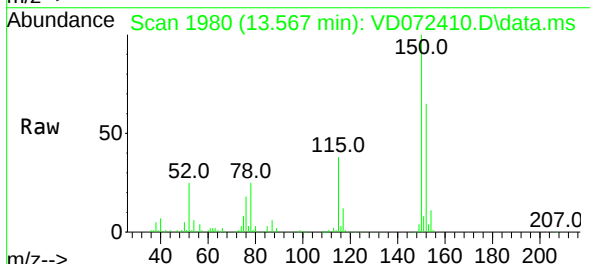
Instrument :
MSVOA_D
ClientSampleId :
MHA

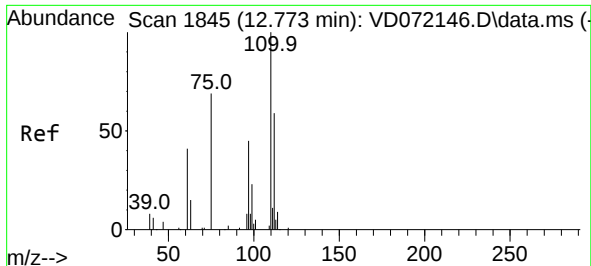
Tgt Ion:117 Resp: 249895
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 30.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Tgt Ion:152 Resp: 128756
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 161.5 0.0 348.6

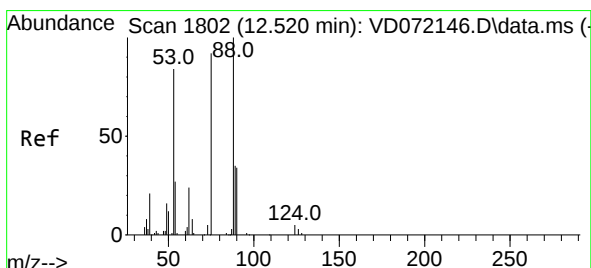
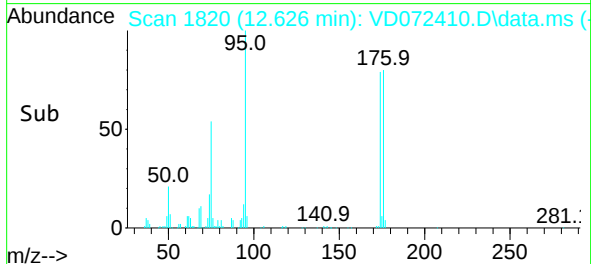
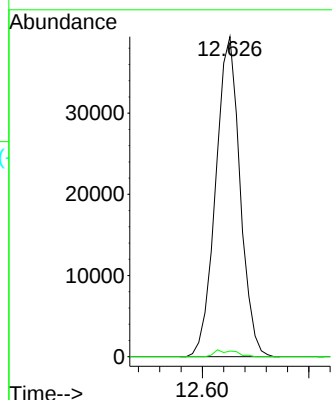
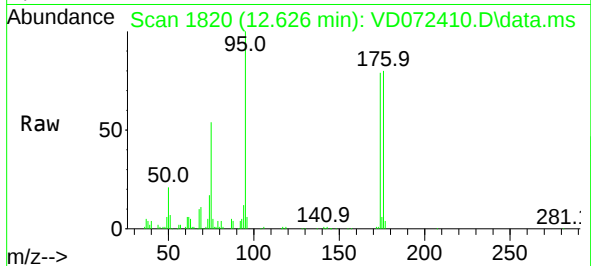




#76
1,2,3-Trichloropropane
Concen: 44.064 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Instrument :
MSVOA_D
ClientSampleId :
MHA

Tgt Ion: 75 Resp: 62584
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.328 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 75 Resp: 62584
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

