

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070332.D
 Acq On : 13 Sep 2021 17:53
 Operator : VA/SY
 Sample : M3684-05
 Misc : 7.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-210908B

Quant Time: Sep 14 00:55:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

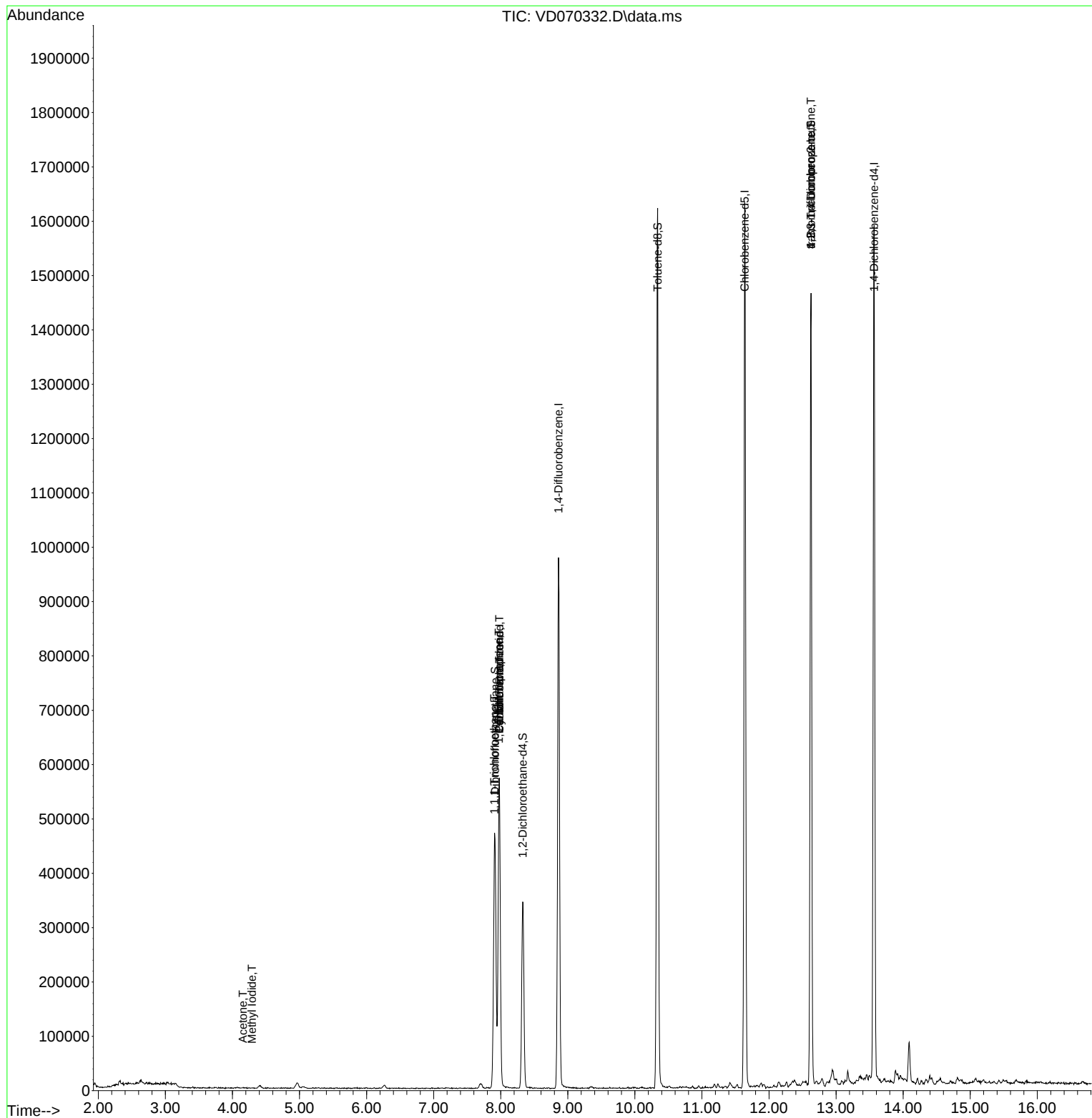
Internal Standards						
1) Pentafluorobenzene	7.979	168	397874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	830138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	946902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	433064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	282628	55.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.640%
35) Dibromofluoromethane	7.914	113	301404	51.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.020%
50) Toluene-d8	10.338	98	1102379	51.383	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.626	95	448533	59.821	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	265	Below Cal	#	43
3) Chloromethane	2.209	50	758	Below Cal	#	66
5) Bromomethane	2.779	94	1878	Below Cal	#	57
6) Chloroethane	2.926	64	53	Below Cal	#	43
10) Methyl Iodide	4.291	142	425	1.113	ug/l #	53
16) Acetone	4.156	43	1597	1.751	ug/l #	80
18) Methyl Acetate	4.715	43	55	Below Cal	#	48
20) Methylene Chloride	4.956	84	4198	Below Cal	#	84
31) Cyclohexane	7.979	56	10055	1.143	ug/l #	1
32) 1,1,1-Trichloroethane	7.903	97	70872	7.968	ug/l	97
36) 1,1-Dichloropropene	7.973	75	35979	4.055	ug/l #	49
38) Carbon Tetrachloride	7.979	117	41450	4.723	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	228678	52.204	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	228678	130.801	ug/l #	18

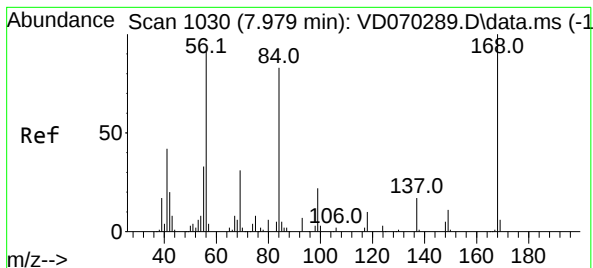
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1030

Delta R.T. 0.000 min

Lab File: VD070332.D

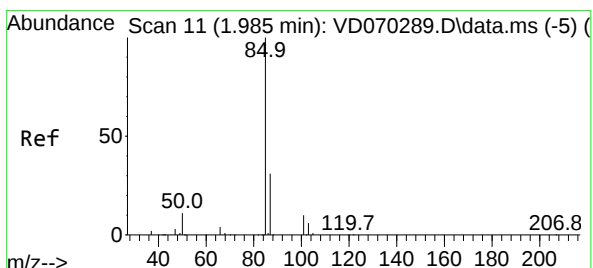
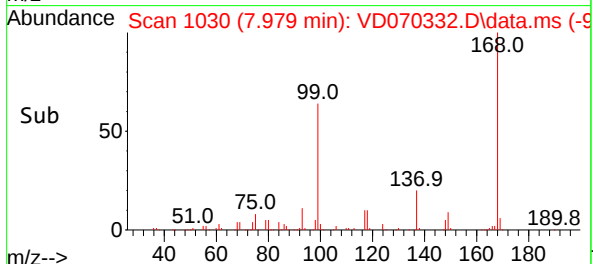
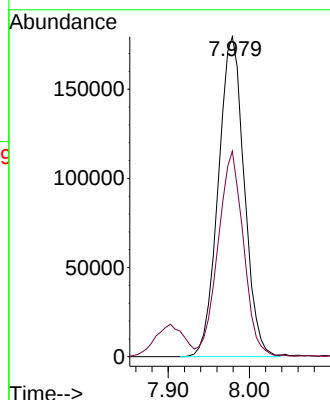
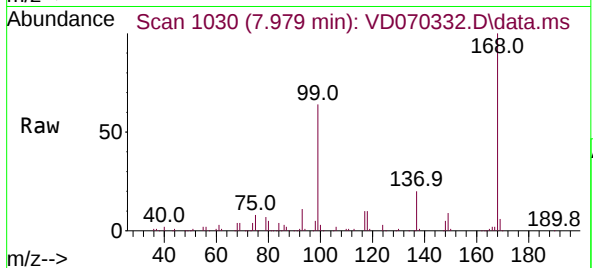
Acq: 13 Sep 2021 17:53

Tgt Ion:168 Resp: 397874

Ion Ratio Lower Upper

168 100

99 63.6 50.8 76.2



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.997 min Scan# 13

Delta R.T. 0.012 min

Lab File: VD070332.D

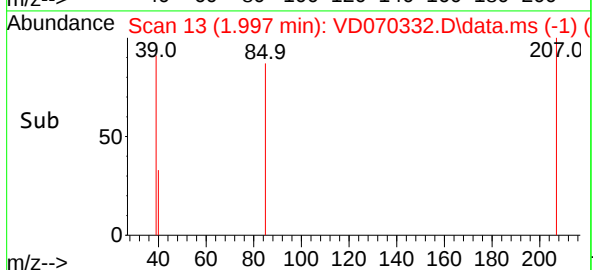
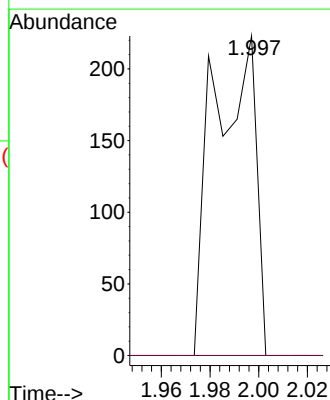
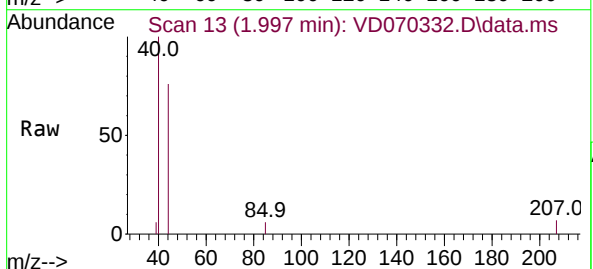
Acq: 13 Sep 2021 17:53

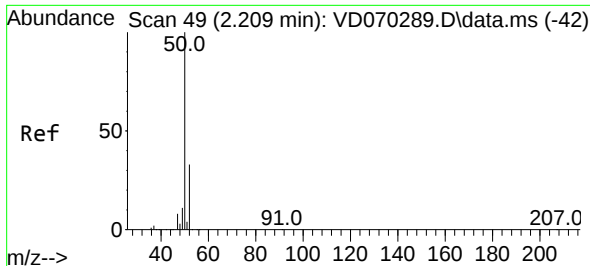
Tgt Ion: 85 Resp: 265

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#

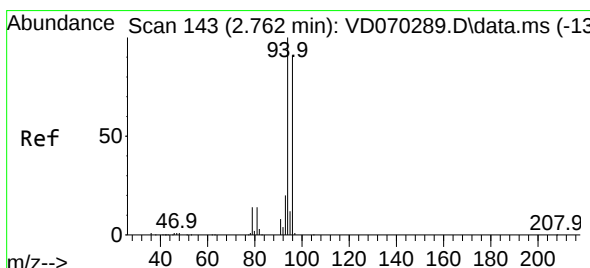
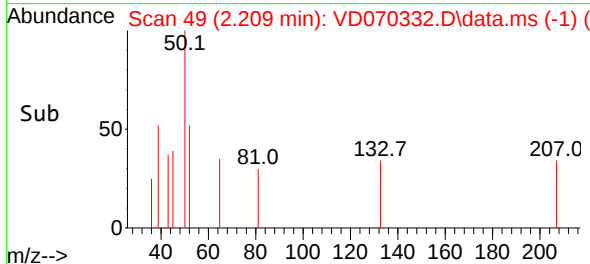
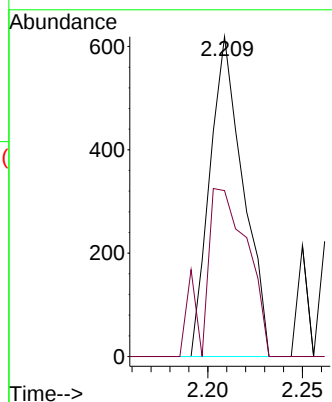
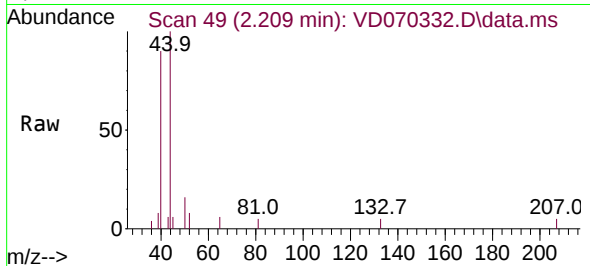




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

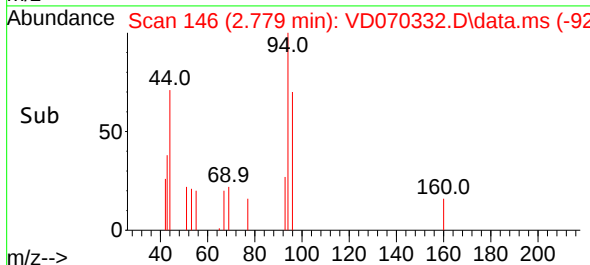
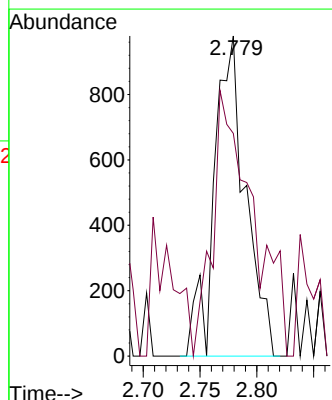
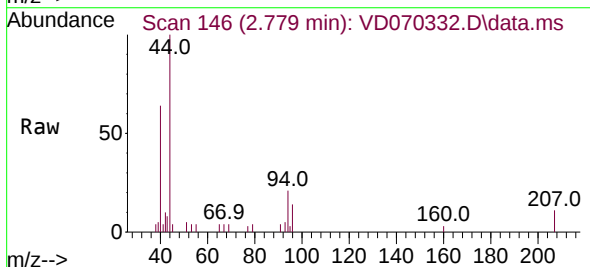
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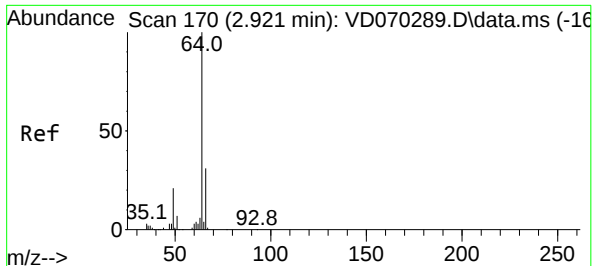
Tgt Ion: 50 Resp: 758
Ion Ratio Lower Upper
50 100
52 51.9 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

Tgt Ion: 94 Resp: 1878
Ion Ratio Lower Upper
94 100
96 50.1 73.0 109.6#

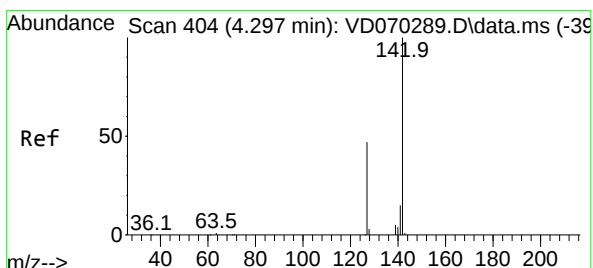
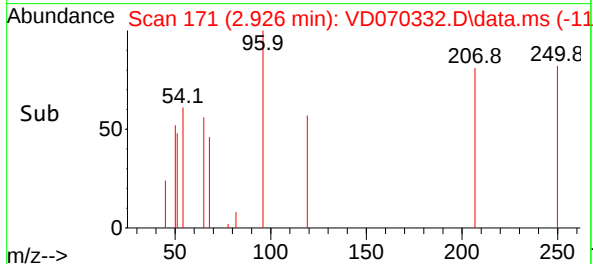
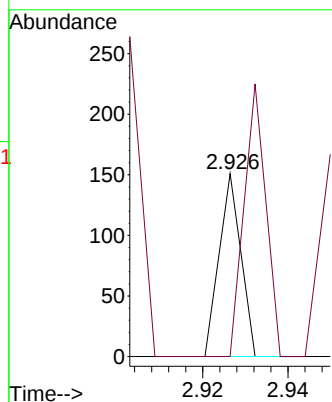
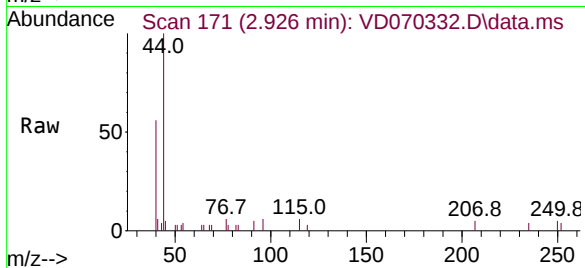




#6
Chloroethane
Concen: Below Cal
RT: 2.926 min Scan# 171
Delta R.T. 0.005 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

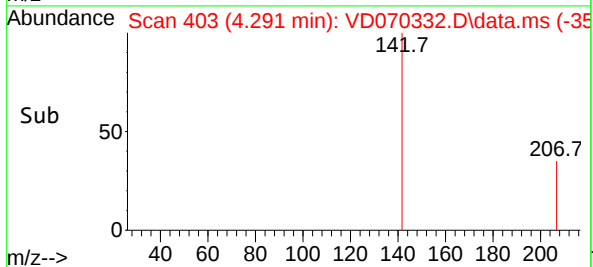
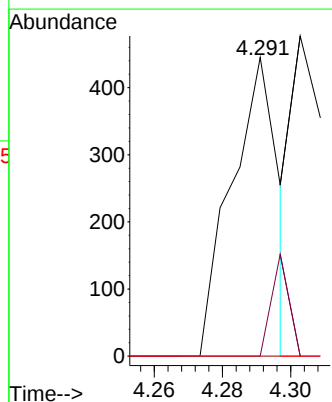
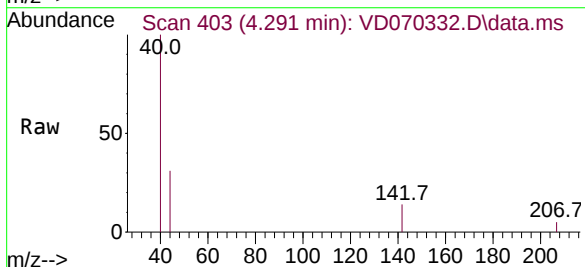
Instrument :
MSVOA_D
ClientSampleId :
DUP-210908B

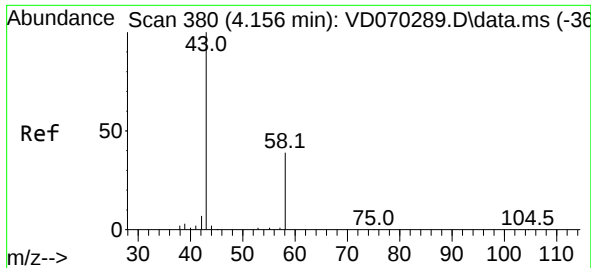
Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.113 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

Tgt Ion:142 Resp: 425
Ion Ratio Lower Upper
142 100
127 12.7 36.9 55.3#
141 0.0 11.8 17.6#

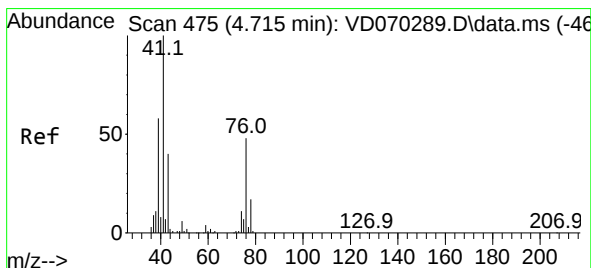
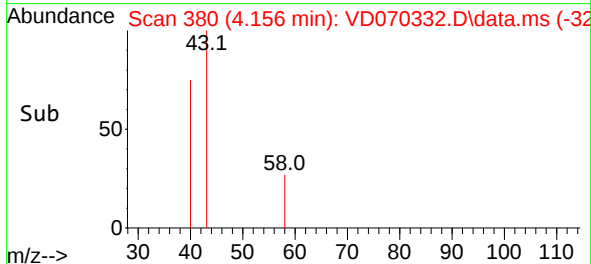
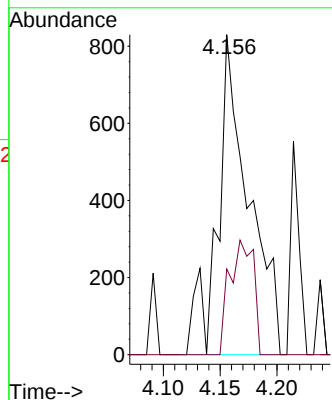
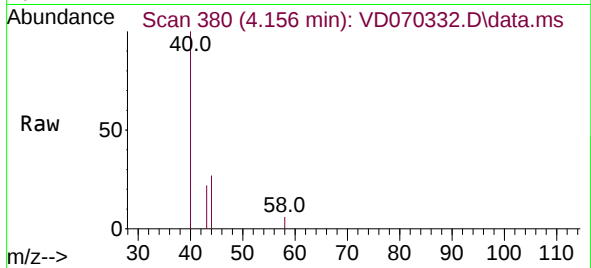




#16
Acetone
Concen: 1.751 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

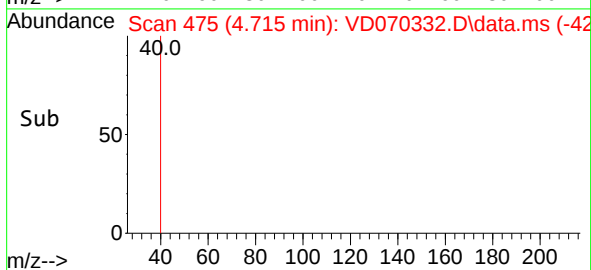
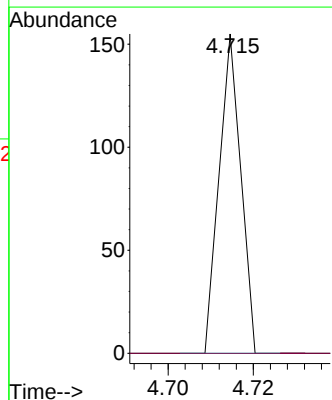
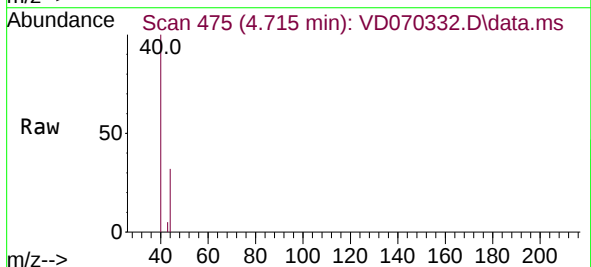
Instrument :
MSVOA_D
ClientSampleId :
DUP-210908B

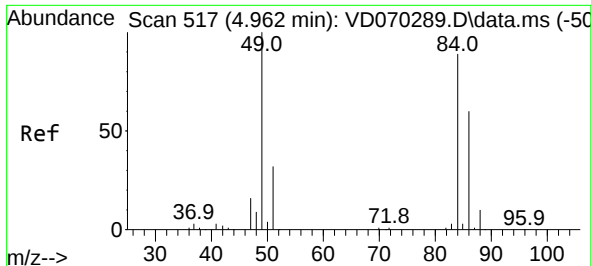
Tgt Ion: 43 Resp: 1597
Ion Ratio Lower Upper
43 100
58 26.7 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

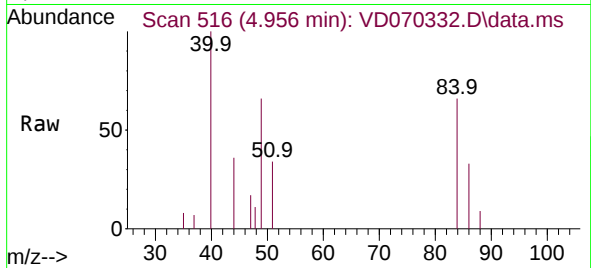
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



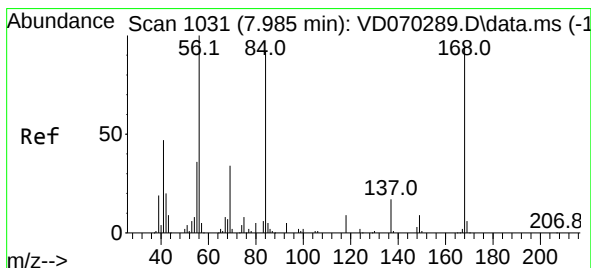
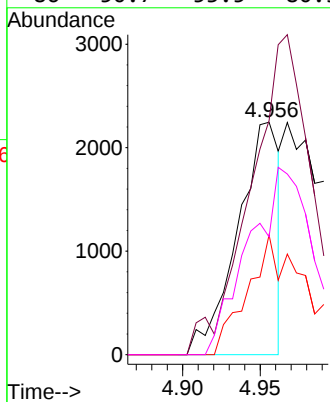
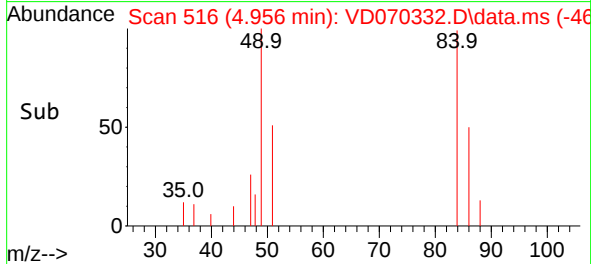


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

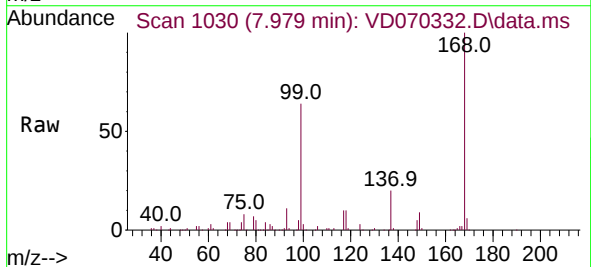
Instrument :
MSVOA_D
ClientSampleId :
DUP-210908B



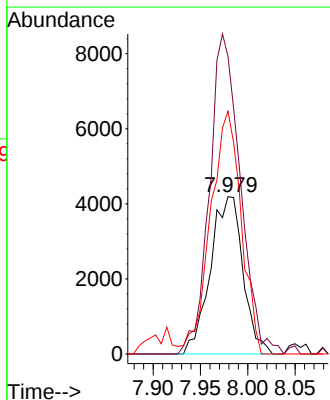
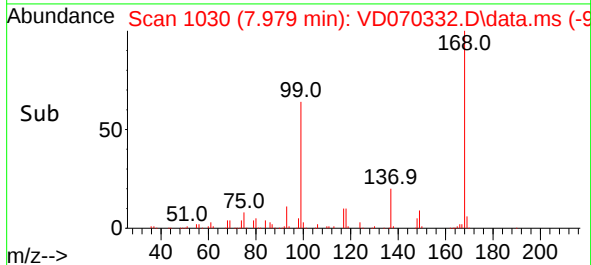
Tgt Ion:	84	Resp:	4198
Ion	Ratio	Lower	Upper
84	100		
49	100.7	89.6	134.4
51	51.6	28.6	43.0#
86	50.7	53.5	80.3#

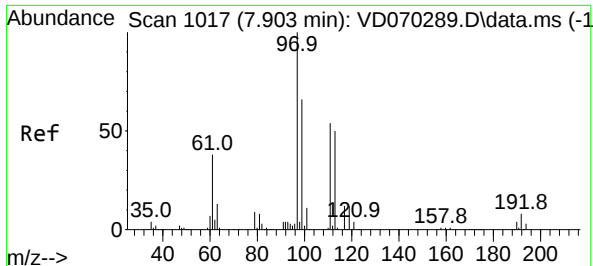


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53



Tgt Ion:	56	Resp:	10055
Ion	Ratio	Lower	Upper
56	100		
69	189.4	26.9	40.3#
84	154.4	73.6	110.4#



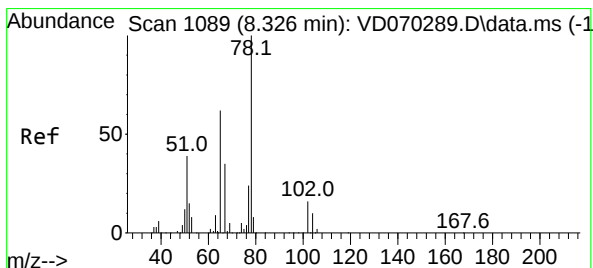
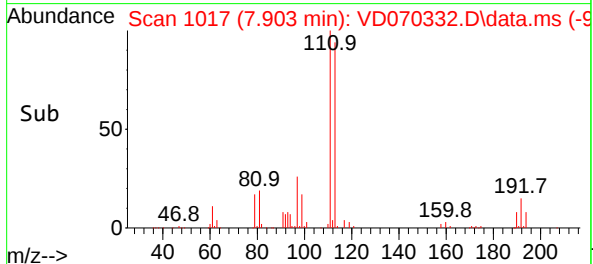
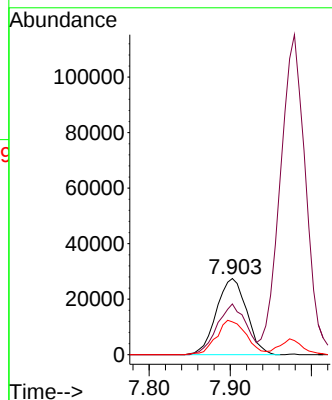
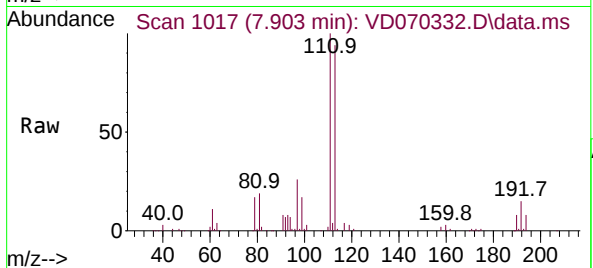


#32

1,1,1-Trichloroethane
Concen: 7.968 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

Instrument :
MSVOA_D
ClientSampleId :
DUP-210908B

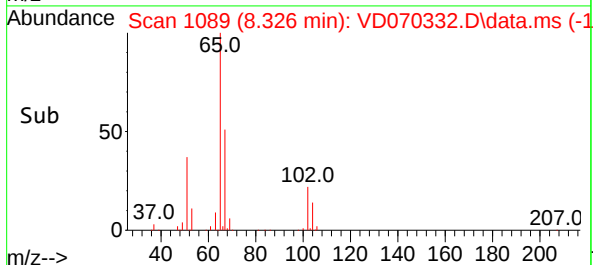
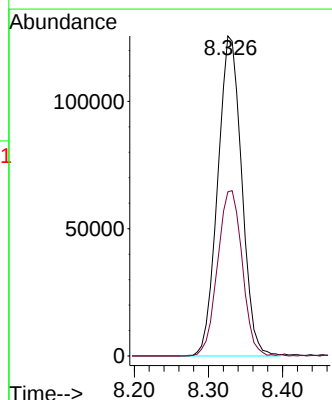
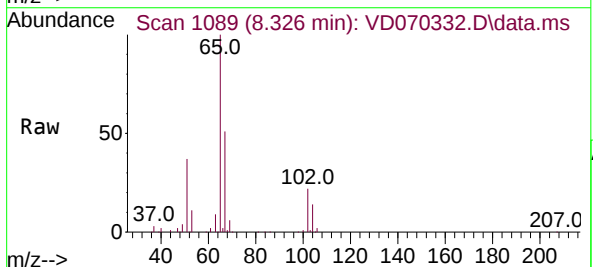
Tgt Ion: 97 Resp: 70872
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 44.6 31.4 47.0

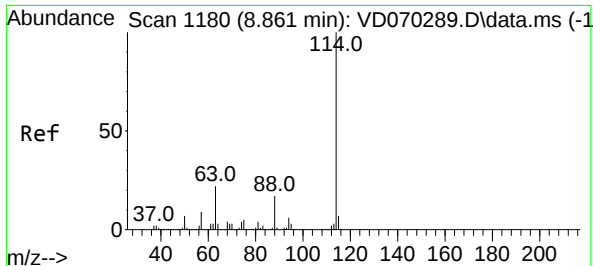


#33

1,2-Dichloroethane-d4
Concen: 55.322 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

Tgt Ion: 65 Resp: 282628
Ion Ratio Lower Upper
65 100
67 53.1 0.0 111.4

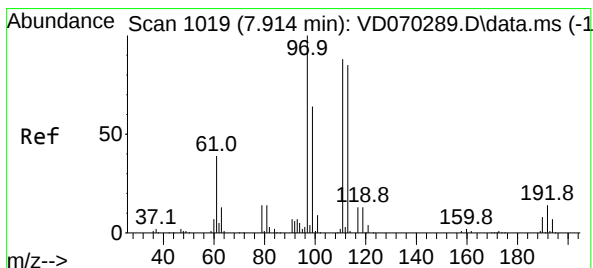
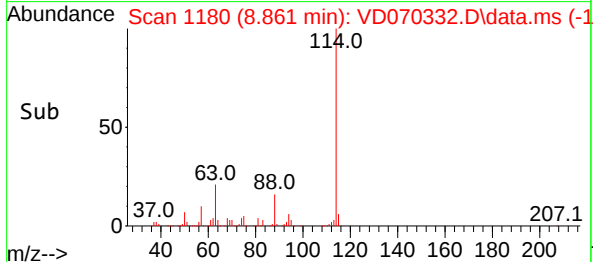
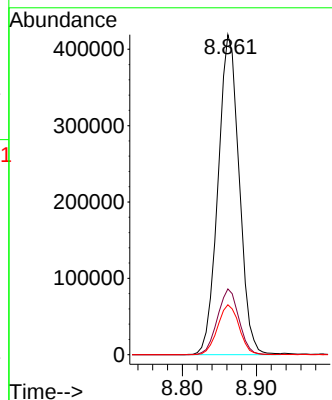
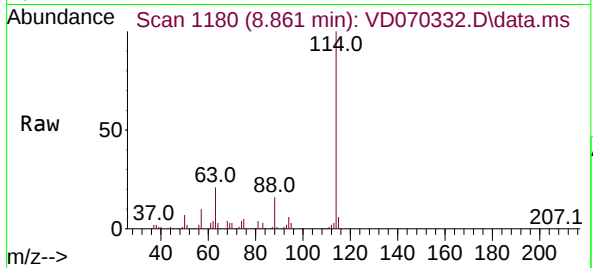




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

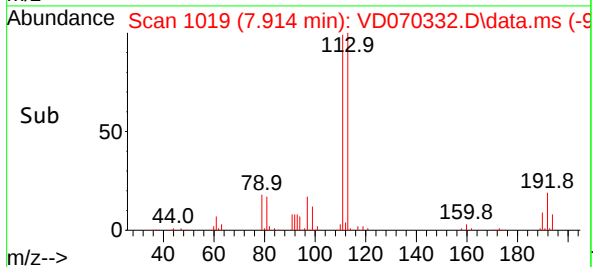
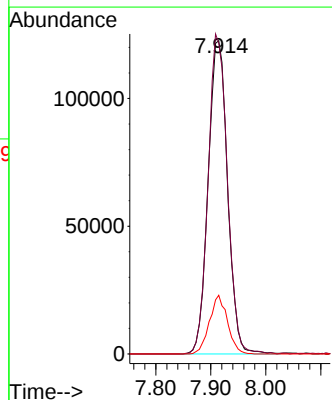
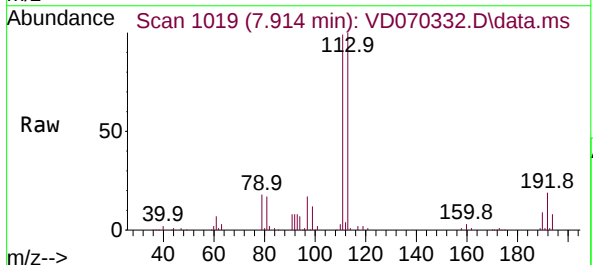
Instrument :
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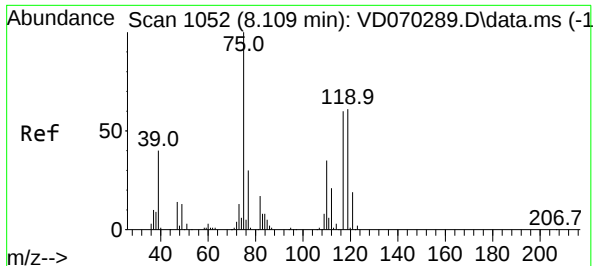
Tgt Ion:	114	Resp:	830138
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	43.4
88	15.6	0.0	33.4



#35
Dibromofluoromethane
Concen: 51.007 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

Tgt Ion:	113	Resp:	301404
Ion Ratio	Lower	Upper	
113	100		
111	101.2	81.4	122.2
192	17.4	13.0	19.6

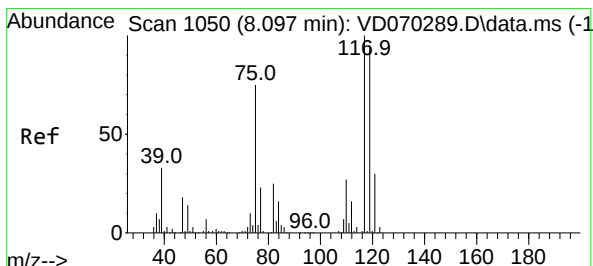
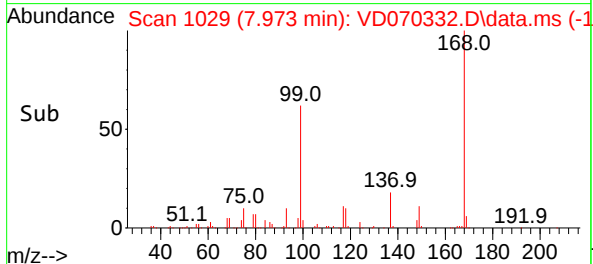
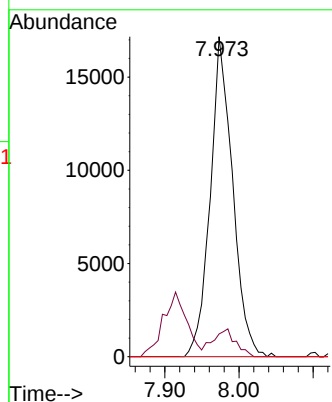
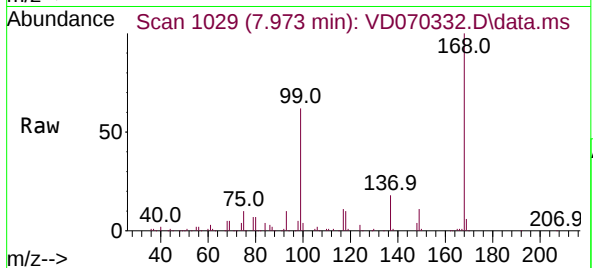




#36
1,1-Dichloropropene
Concen: 4.055 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

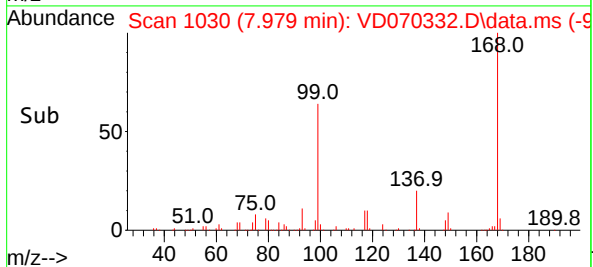
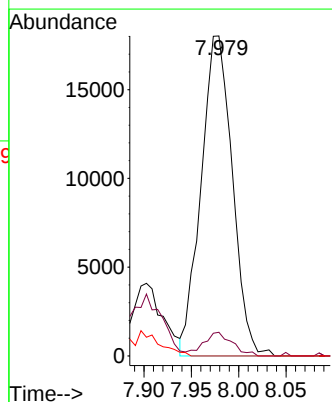
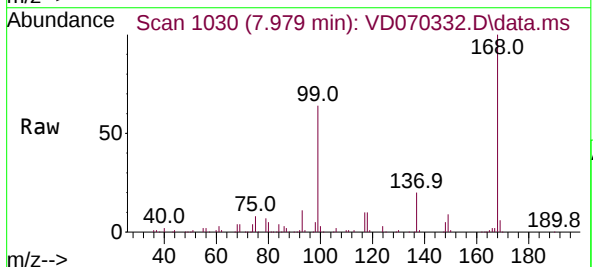
Instrument :
MSVOA_D
ClientSampleId :
DUP-210908B

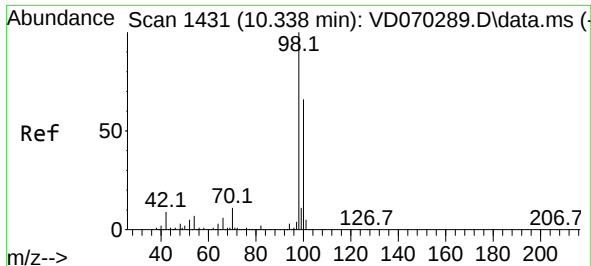
Tgt Ion: 75 Resp: 35979
Ion Ratio Lower Upper
75 100
110 8.8 17.9 53.7#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.723 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

Tgt Ion: 117 Resp: 41450
Ion Ratio Lower Upper
117 100
119 7.4 76.1 114.1#
121 0.0 23.8 35.6#

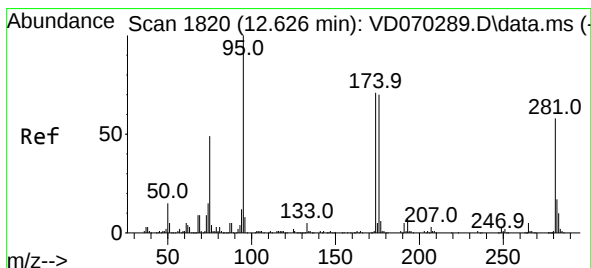
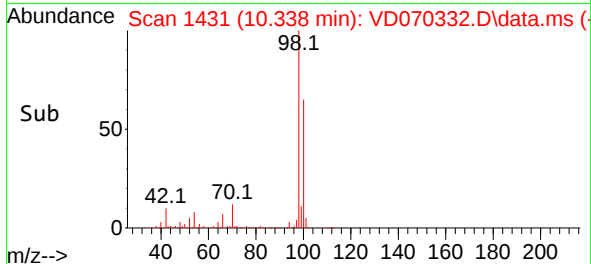
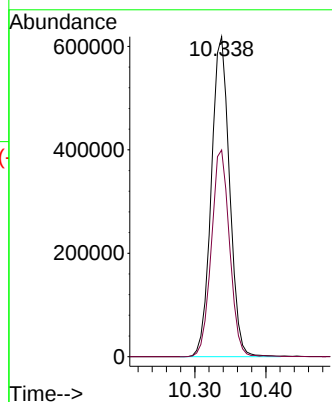
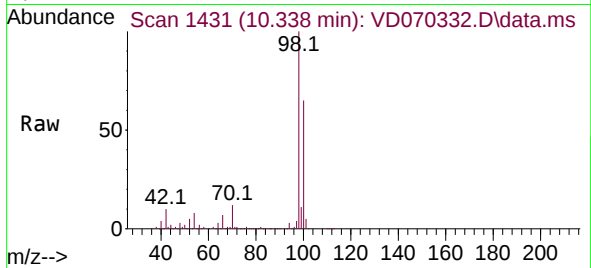




#50
Toluene-d8
Concen: 51.383 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

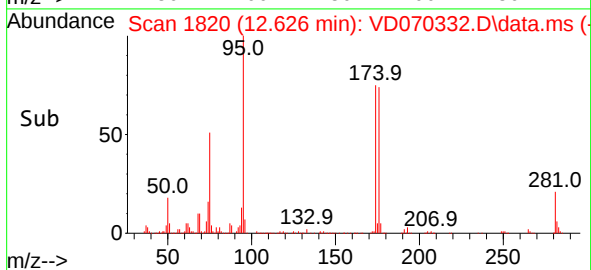
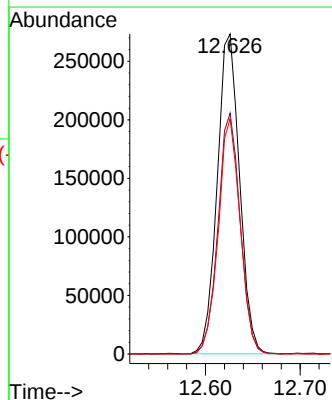
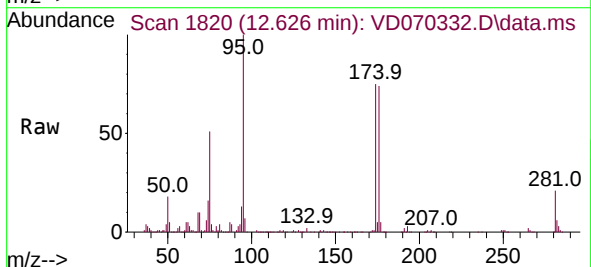
Instrument :
MSVOA_D
ClientSampleId :
DUP-210908B

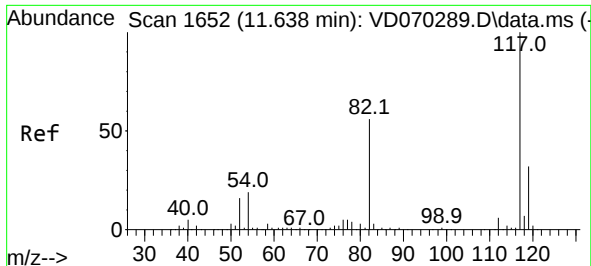
Tgt Ion: 98 Resp: 1102379
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 59.821 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

Tgt Ion: 95 Resp: 448533
Ion Ratio Lower Upper
95 100
174 74.5 0.0 140.6
176 71.9 0.0 137.4

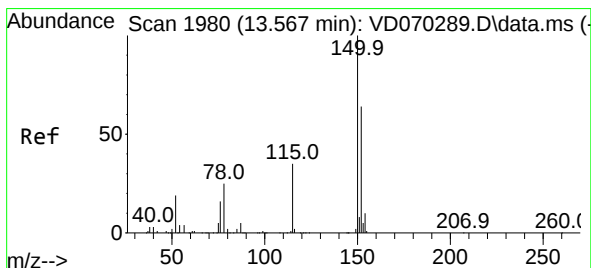
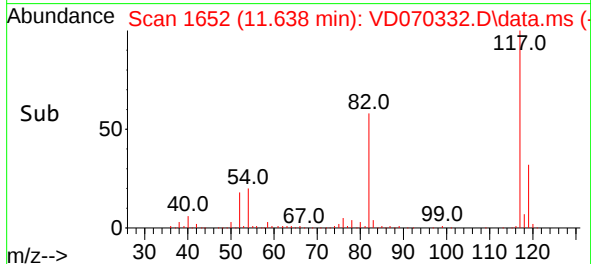
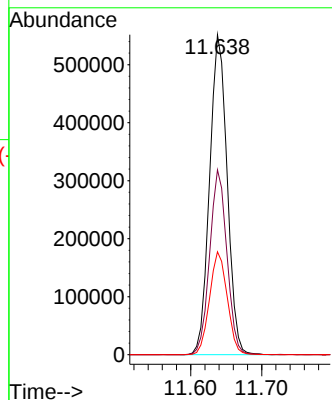
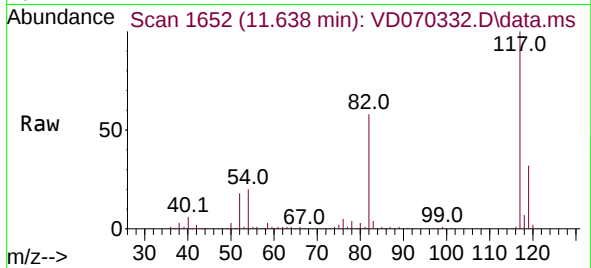




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

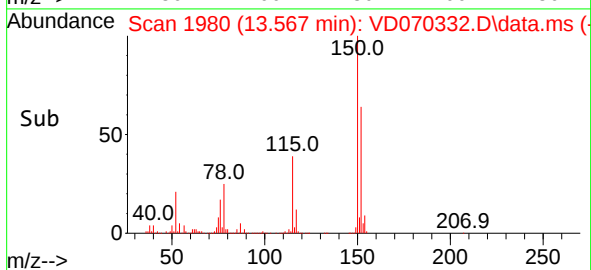
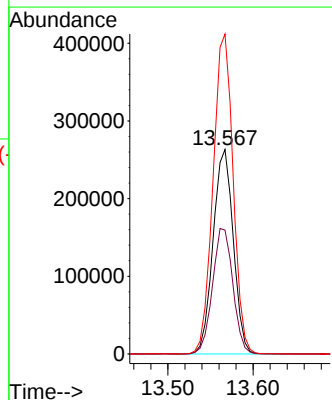
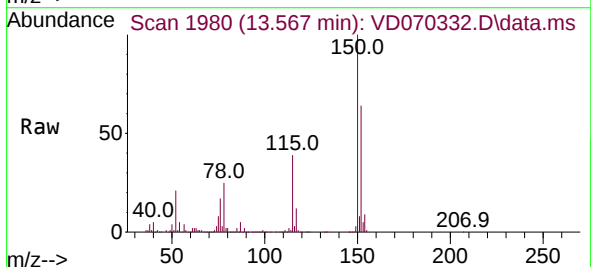
Instrument :
MSVOA_D
ClientSampleId :
DUP-210908B

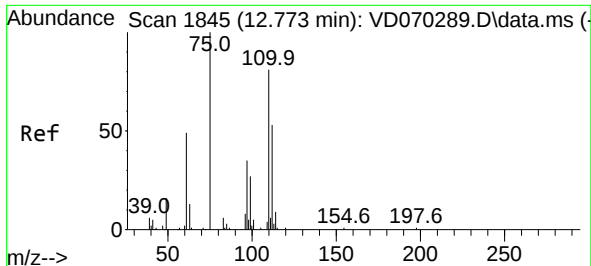
Tgt Ion:117 Resp: 946902
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

Tgt Ion:152 Resp: 433064
Ion Ratio Lower Upper
152 100
115 62.0 32.1 96.3
150 155.2 0.0 350.6

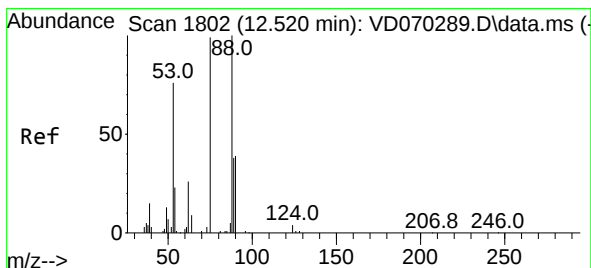
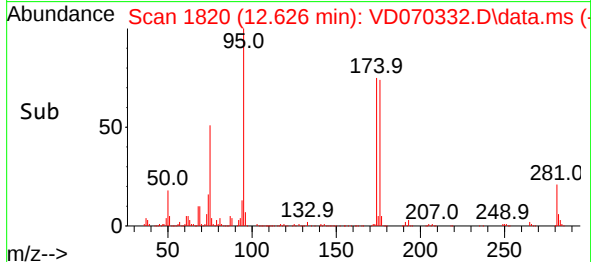
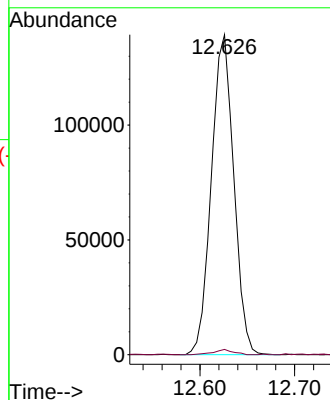
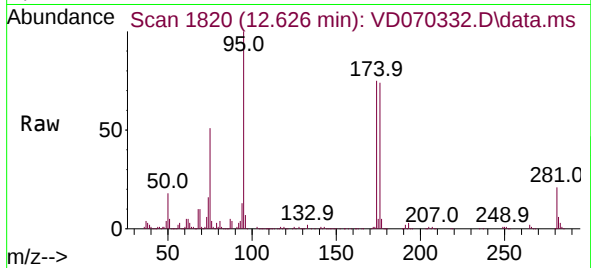




#76
1,2,3-Trichloropropane
Concen: 52.204 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

Instrument :
MSVOA_D
ClientSampleId :
DUP-210908B

Tgt Ion: 75 Resp: 228678
Ion Ratio Lower Upper
75 100
77 1.4 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.801 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070332.D
Acq: 13 Sep 2021 17:53

Tgt Ion: 75 Resp: 228678
Ion Ratio Lower Upper
75 100
53 0.4 64.2 96.2#
89 0.2 35.6 53.4#

