

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070349.D
 Acq On : 14 Sep 2021 13:14
 Operator : VA/SY
 Sample : M3718-01RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-091021RE

Quant Time: Sep 15 02:45:50 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)

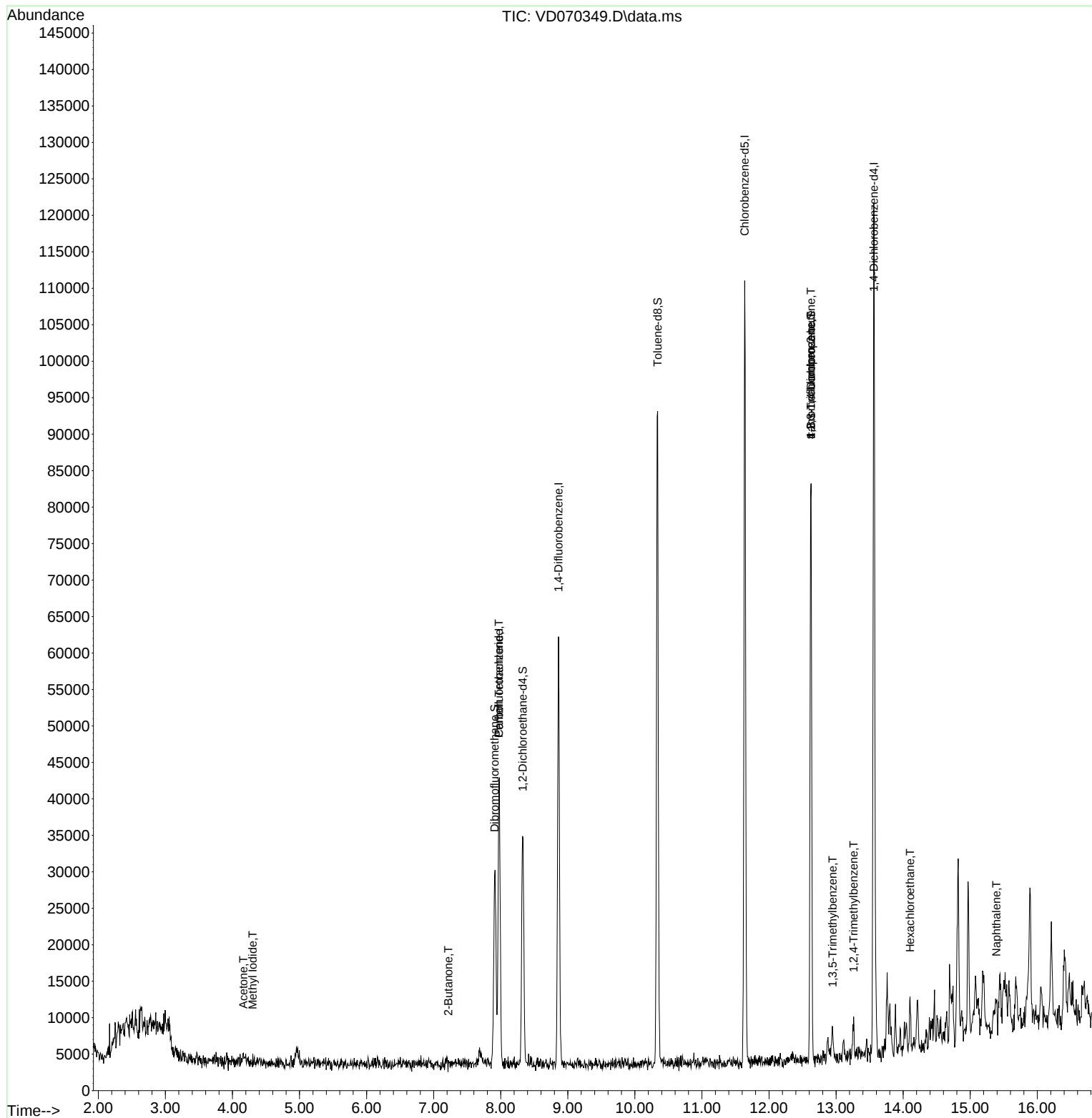
Internal Standards						
1) Pentafluorobenzene	7.973	168	28299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	47080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	64892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	31024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	25462	70.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.140%	
35) Dibromofluoromethane	7.909	113	20323	60.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.280%	
50) Toluene-d8	10.338	98	64425	52.949	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.900%	
62) 4-Bromofluorobenzene	12.626	95	29072	68.367	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 136.740%	
Target Compounds						Qvalue
3) Chloromethane	2.203	50	121	Below Cal	#	1
5) Bromomethane	2.774	94	896	Below Cal	#	49
6) Chloroethane	2.832	64	58	Below Cal	#	43
10) Methyl Iodide	4.303	142	102	1.314	ug/l #	39
16) Acetone	4.162	43	1968	30.336	ug/l #	81
18) Methyl Acetate	4.656	43	83	Below Cal	#	48
20) Methylene Chloride	4.968	84	1890	Below Cal	#	71
25) 2-Butanone	7.220	43	96	1.112	ug/l #	47
38) Carbon Tetrachloride	7.973	117	3054	6.136	ug/l #	12
76) 1,2,3-Trichloropropane	12.626	75	14438	46.008	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.950	105	1925	1.025	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	14438	115.278	ug/l #	18
84) 1,2,4-Trimethylbenzene	13.261	105	3782	2.045	ug/l	95
90) Hexachloroethane	14.102	117	443	1.006	ug/l #	18
95) Naphthalene	15.391	128	1878	2.075	ug/l #	90

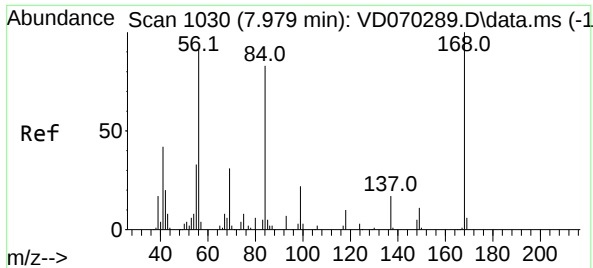
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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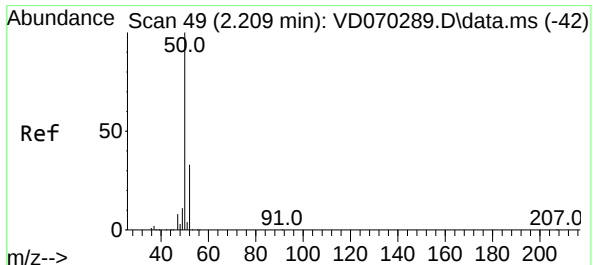
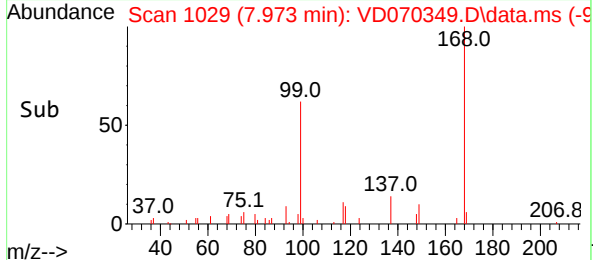
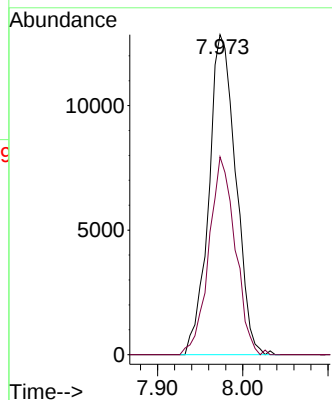
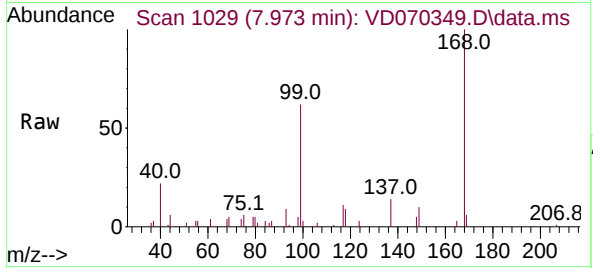




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

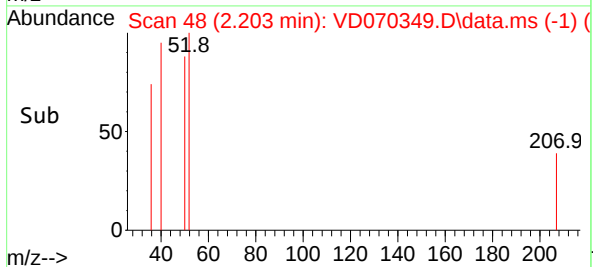
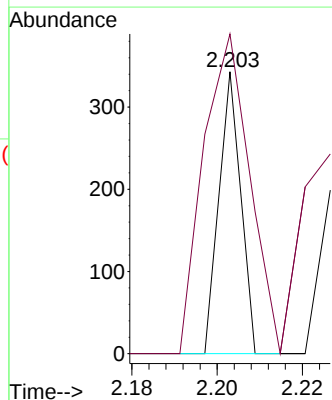
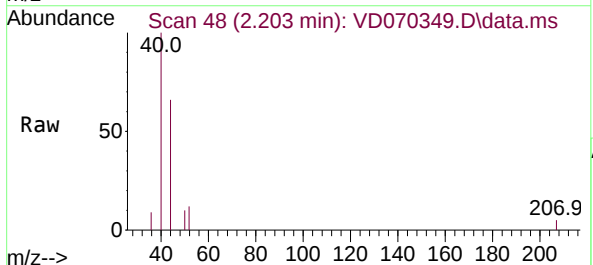
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021RE

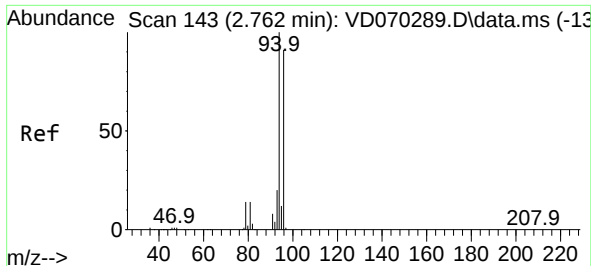
Tgt Ion:168 Resp: 28299
Ion Ratio Lower Upper
168 100
99 61.8 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

Tgt Ion: 50 Resp: 121
Ion Ratio Lower Upper
50 100
52 113.4 26.2 39.2#

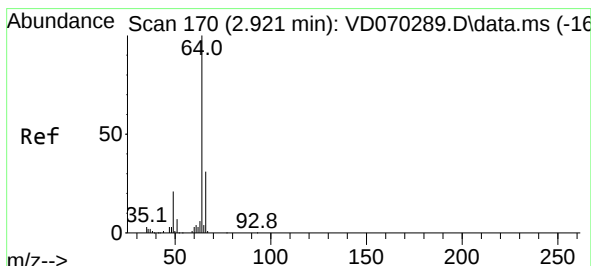
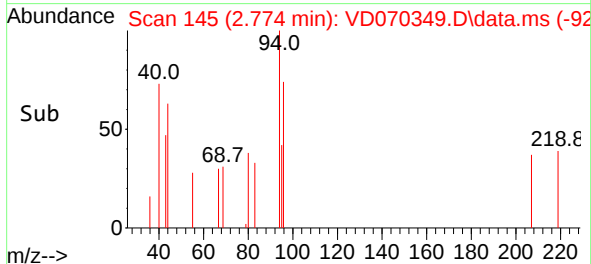
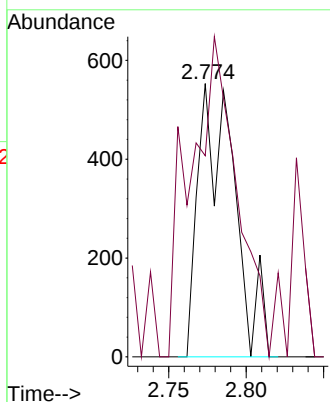
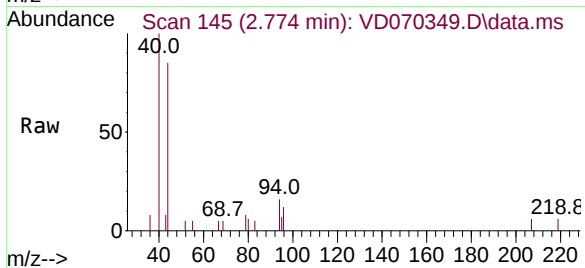




#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

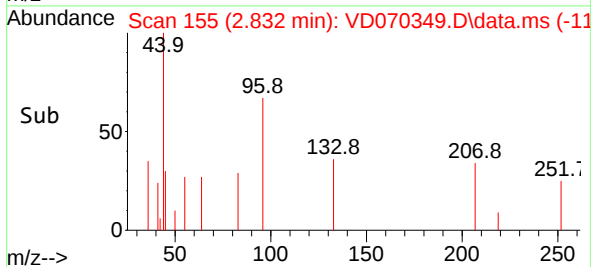
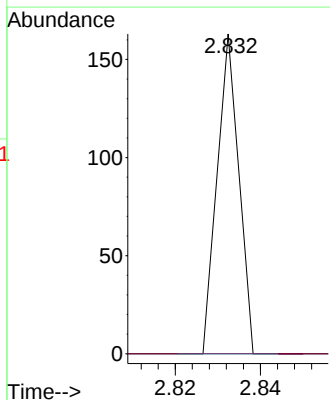
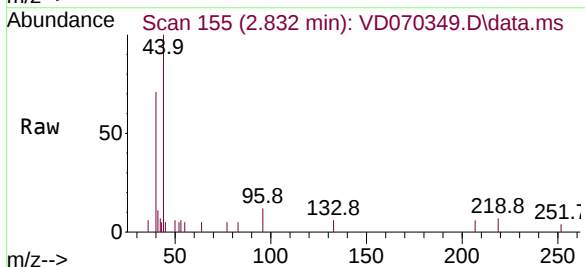
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021RE

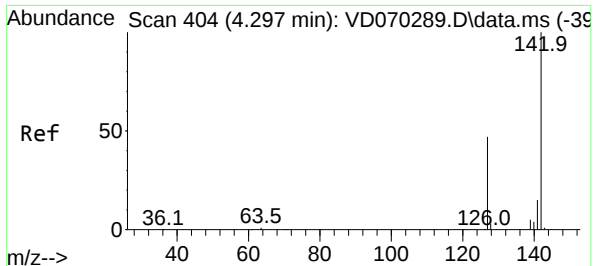
Tgt Ion: 94 Resp: 896
Ion Ratio Lower Upper
94 100
96 42.9 73.0 109.6#



#6
Chloroethane
Concen: Below Cal
RT: 2.832 min Scan# 155
Delta R.T. -0.089 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

Tgt Ion: 64 Resp: 58
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

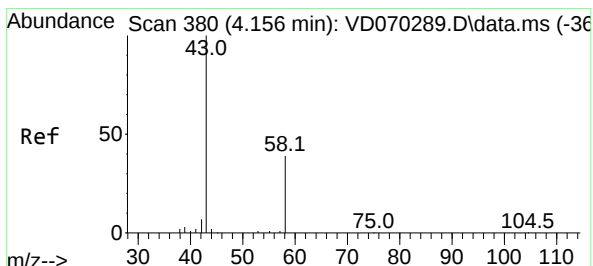
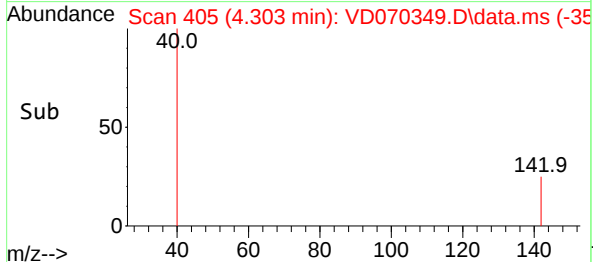
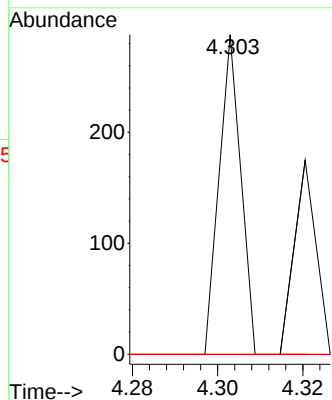
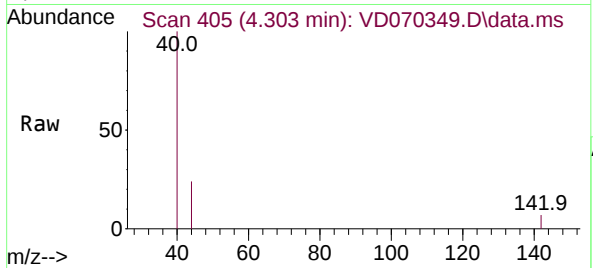




#10
Methyl Iodide
Concen: 1.314 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

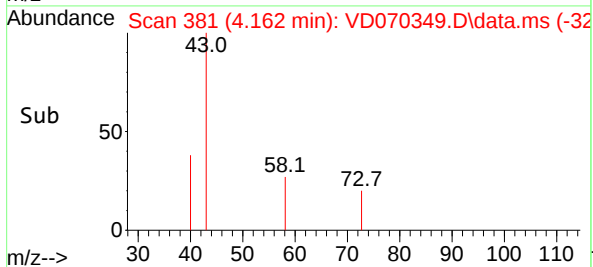
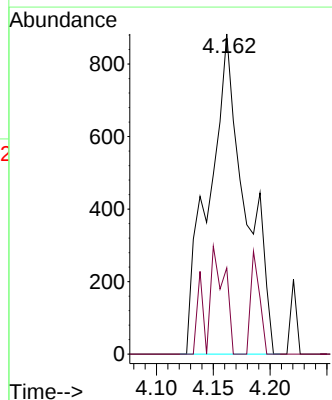
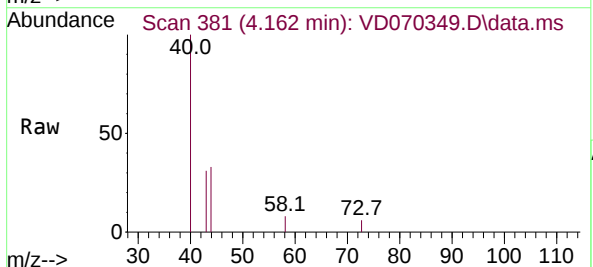
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021RE

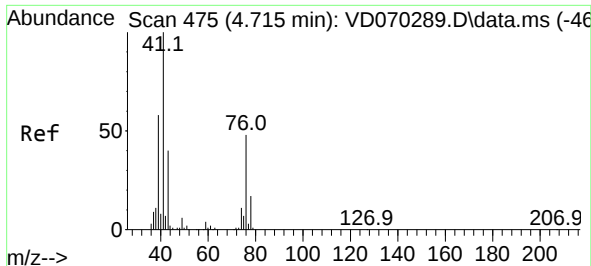
Tgt Ion:142 Resp: 102
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#



#16
Acetone
Concen: 30.336 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

Tgt Ion: 43 Resp: 1968
Ion Ratio Lower Upper
43 100
58 27.0 30.9 46.3#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.656 min Scan# 465

Delta R.T. -0.059 min

Lab File: VD070349.D

Acq: 14 Sep 2021 13:14

Instrument :

MSVOA_D

ClientSampleId :

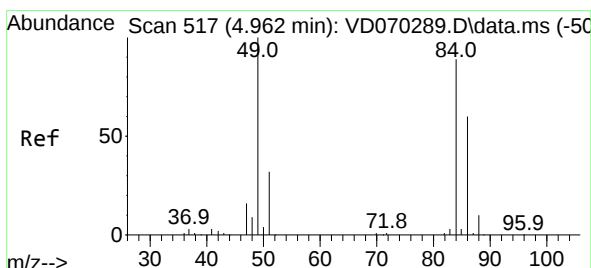
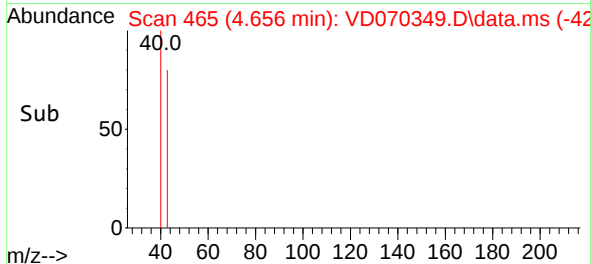
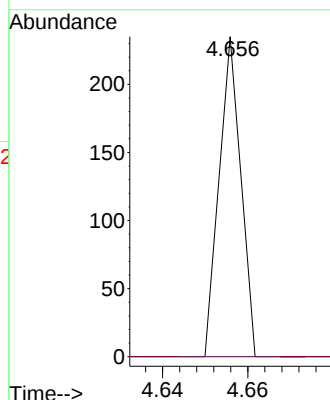
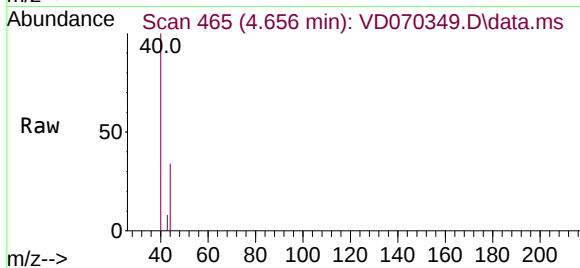
OR-03-091021RE

Tgt Ion: 43 Resp: 83

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.968 min Scan# 518

Delta R.T. 0.006 min

Lab File: VD070349.D

Acq: 14 Sep 2021 13:14

Tgt Ion: 84 Resp: 1890

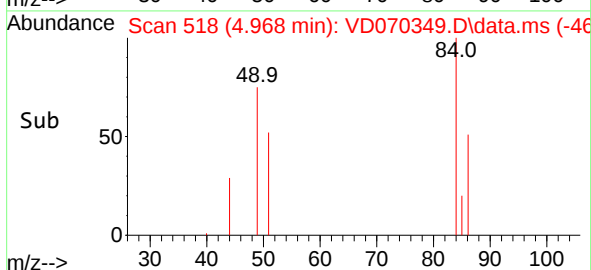
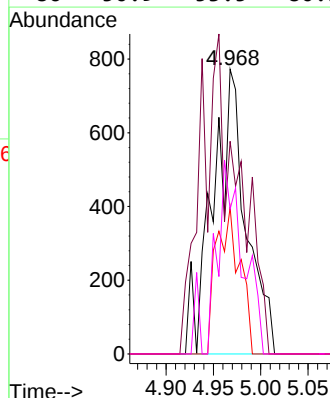
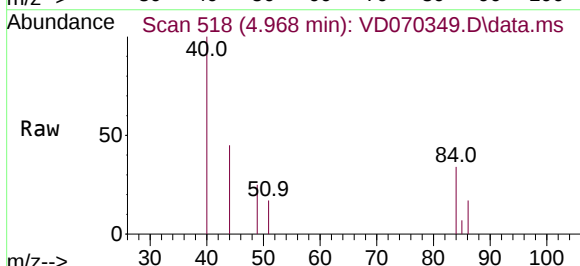
Ion Ratio Lower Upper

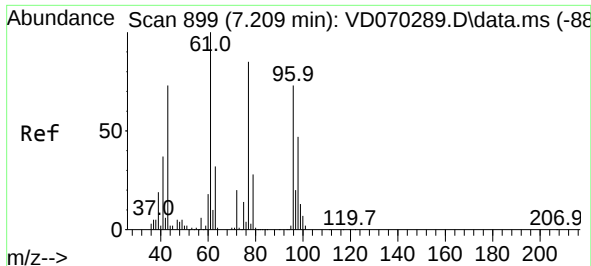
84 100

49 74.7 89.6 134.4#

51 51.6 28.6 43.0#

86 50.9 53.5 80.3#

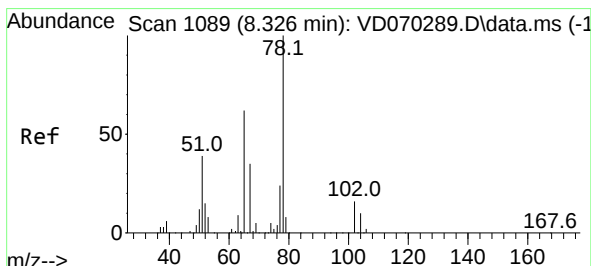
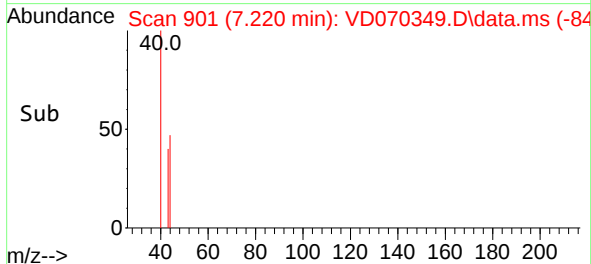
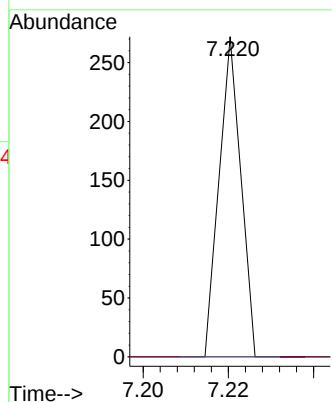
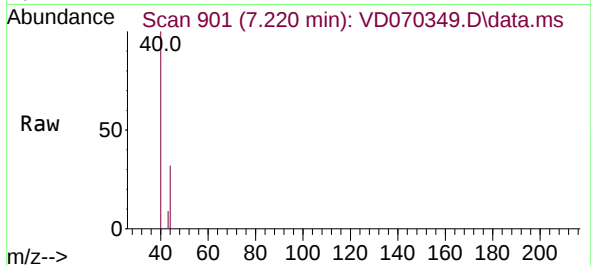




#25
2-Butanone
Concen: 1.112 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

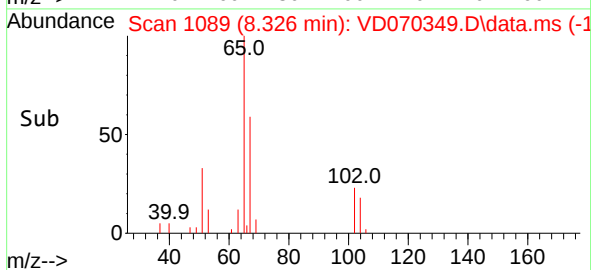
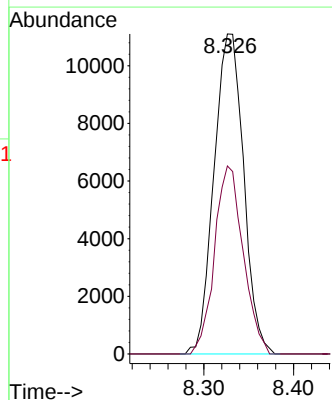
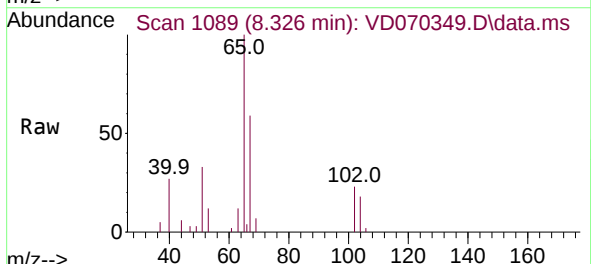
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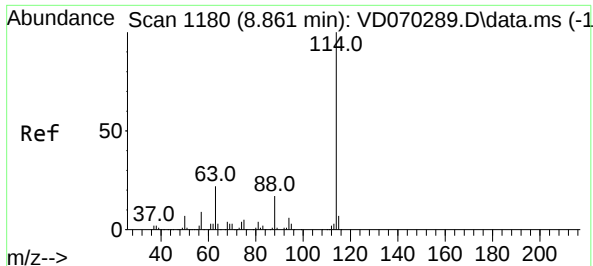
Tgt Ion: 43 Resp: 96
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.4#



#33
1,2-Dichloroethane-d4
Concen: 70.073 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

Tgt Ion: 65 Resp: 25462
Ion Ratio Lower Upper
65 100
67 56.8 0.0 111.4



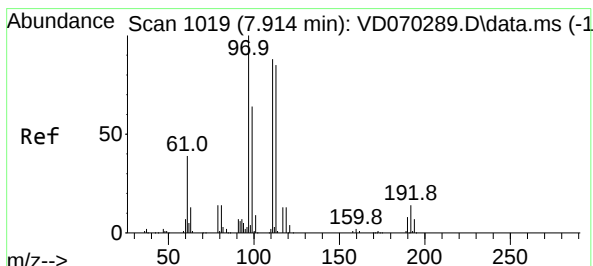
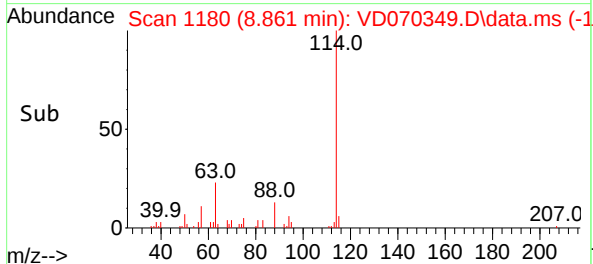
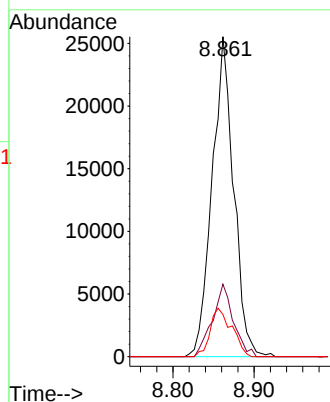
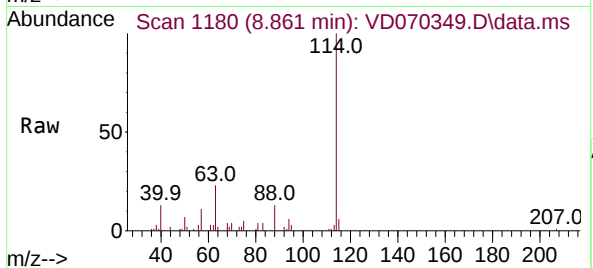


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

Instrument :
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ClientSampleId :
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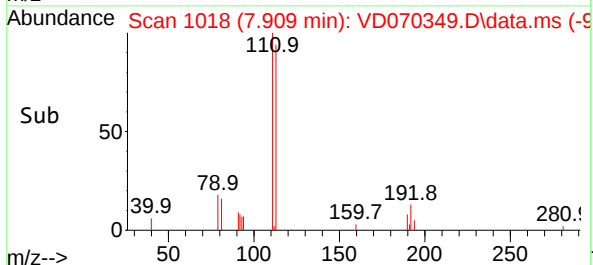
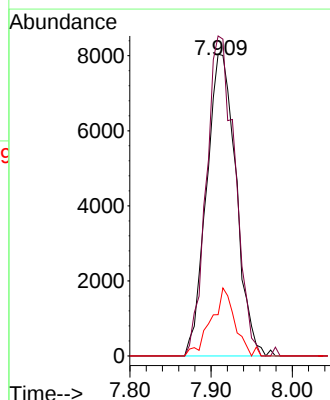
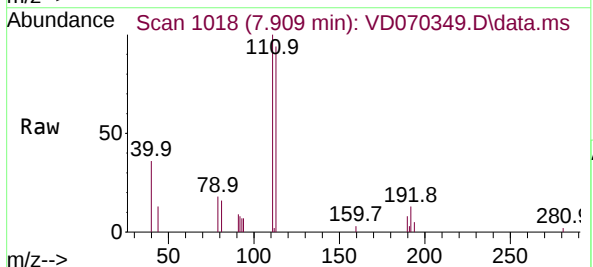
Tgt Ion:	114	Resp:	47080
Ion Ratio	Lower	Upper	
114	100		
63	22.7	0.0	43.4
88	13.2	0.0	33.4

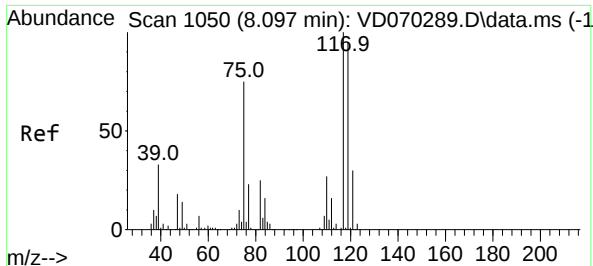


#35

Dibromofluoromethane
Concen: 60.644 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

Tgt Ion:	113	Resp:	20323
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.4	122.2
192	18.2	13.0	19.6

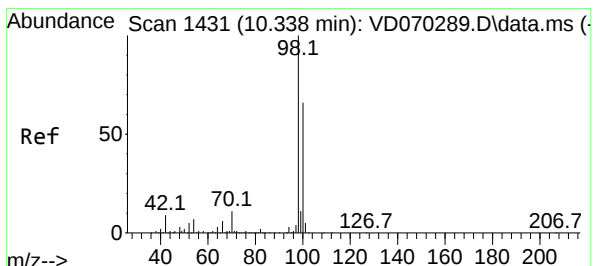
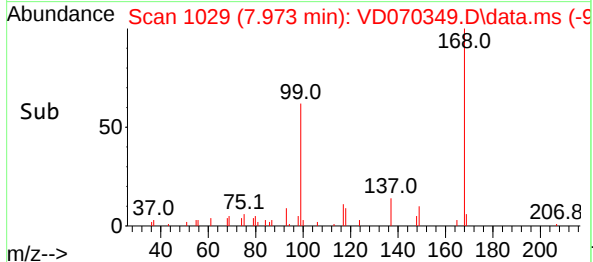
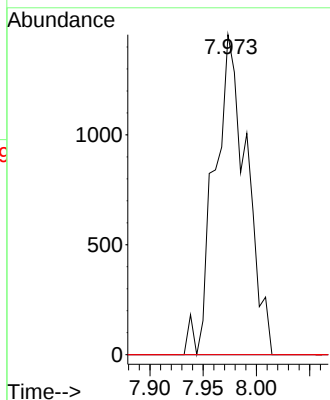
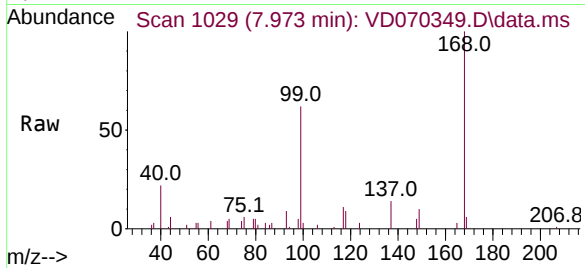




#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

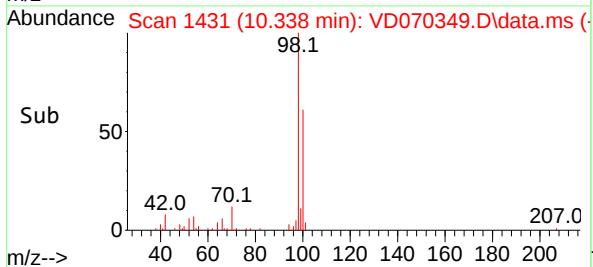
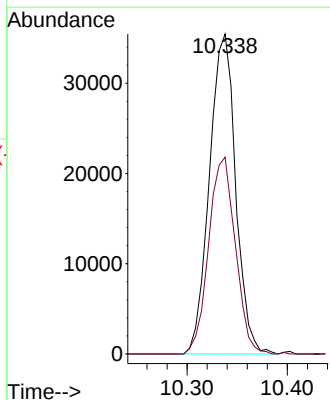
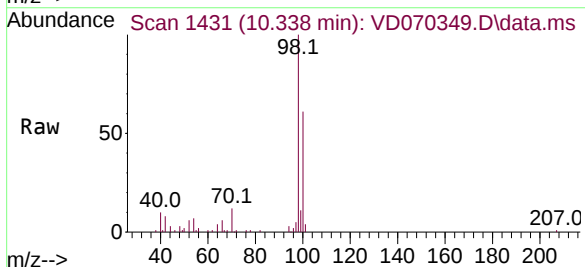
Instrument :
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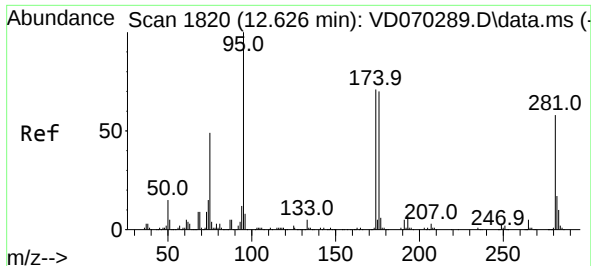
Tgt Ion:117 Resp: 3054
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 52.949 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

Tgt Ion: 98 Resp: 64425
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

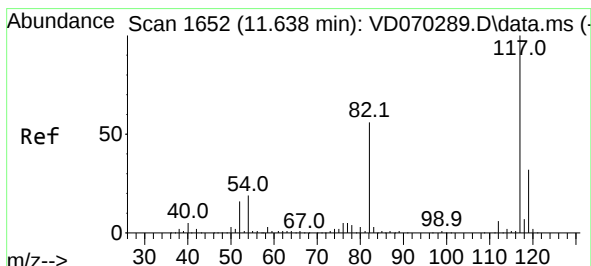
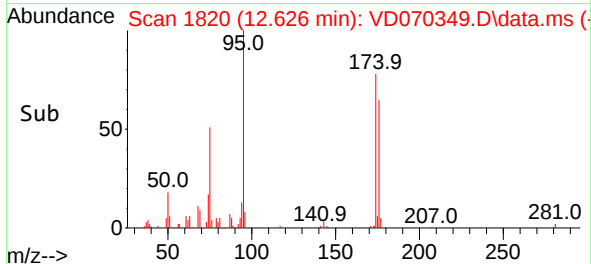
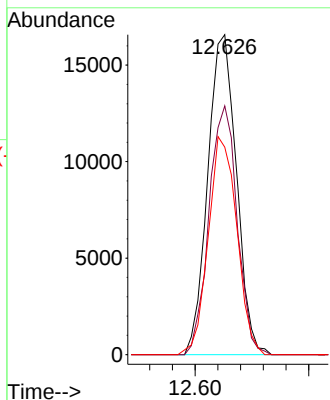
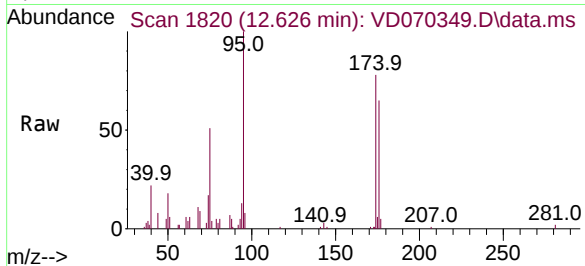




#62
4-Bromofluorobenzene
Concen: 68.367 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

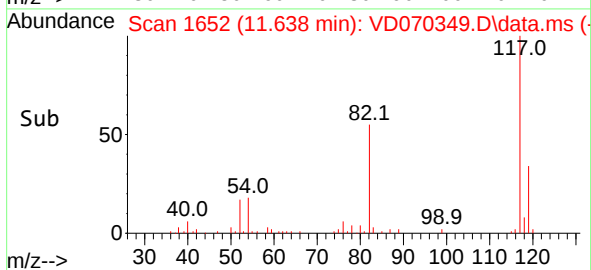
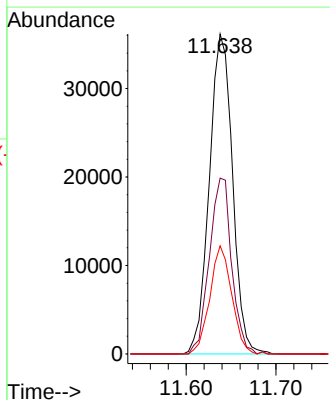
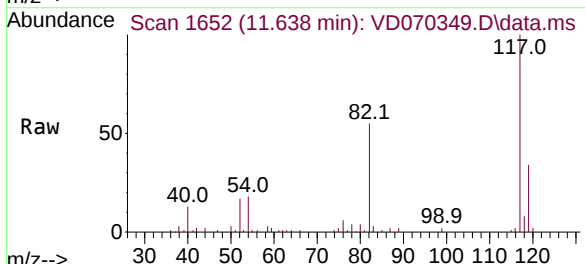
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021RE

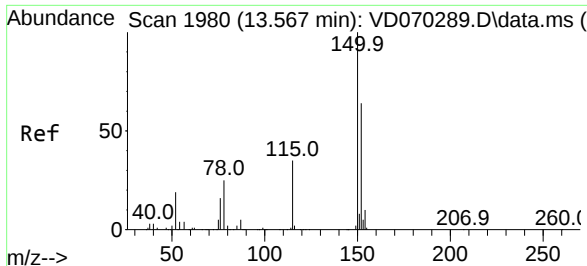
Tgt Ion: 95 Resp: 29072
Ion Ratio Lower Upper
95 100
174 76.3 0.0 140.6
176 67.7 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

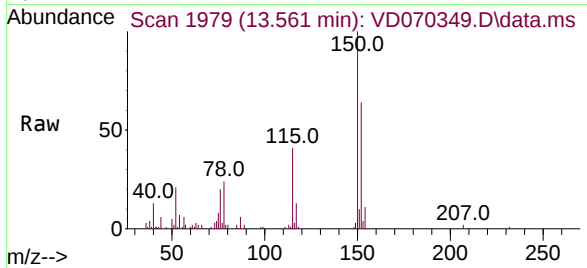
Tgt Ion: 117 Resp: 64892
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 33.8 25.2 37.8



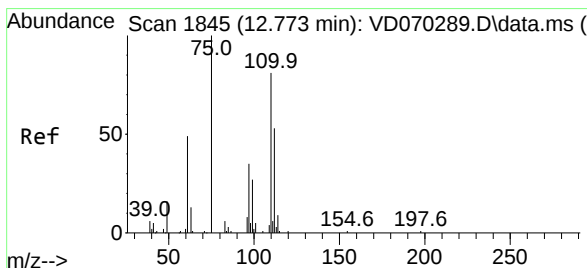
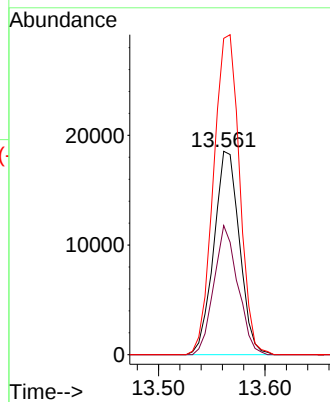
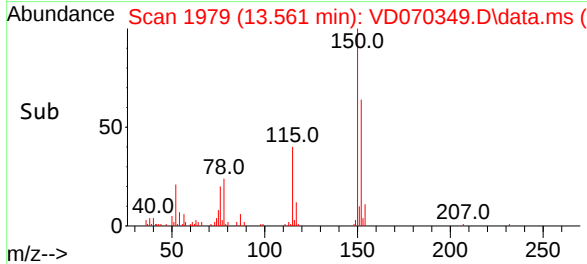


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070349.D
 Acq: 14 Sep 2021 13:14

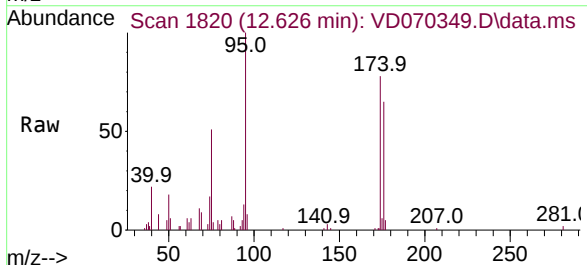
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-091021RE



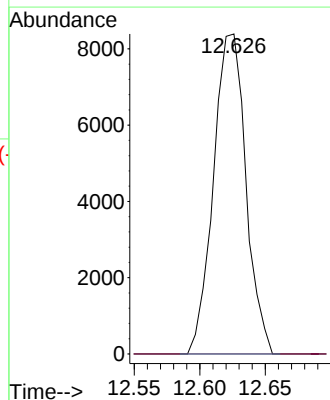
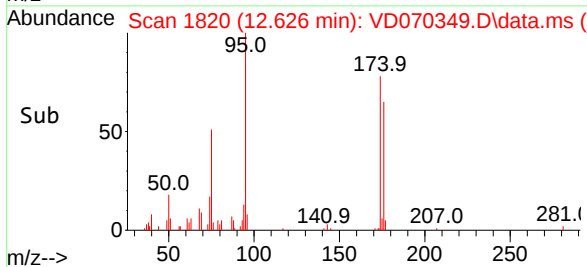
Tgt Ion:152 Resp: 31024
 Ion Ratio Lower Upper
 152 100
 115 59.3 32.1 96.3
 150 159.6 0.0 350.6

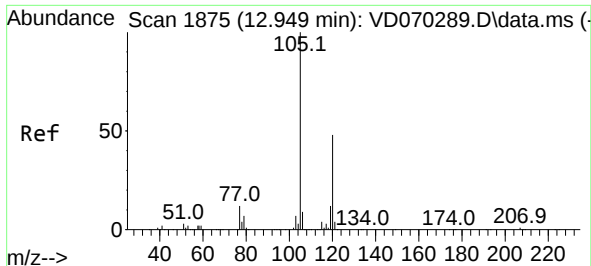


#76
 1,2,3-Trichloropropane
 Concen: 46.008 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070349.D
 Acq: 14 Sep 2021 13:14



Tgt Ion: 75 Resp: 14438
 Ion Ratio Lower Upper
 75 100
 77 0.0 174.9 524.7#

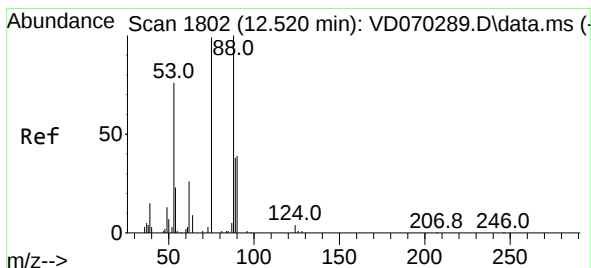
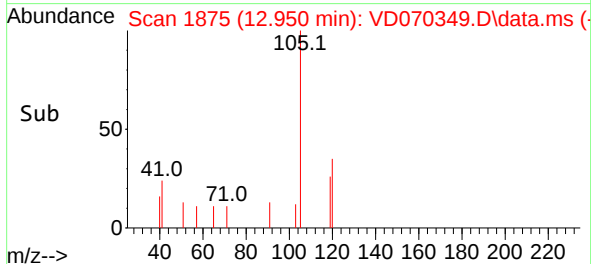
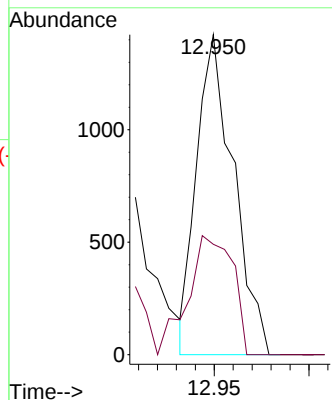
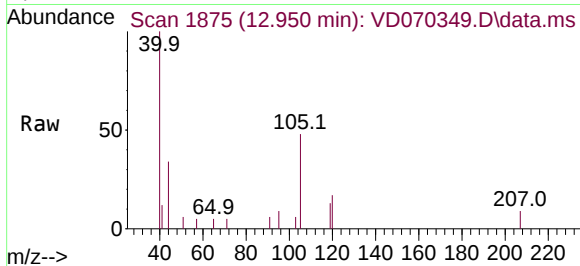




#80
1,3,5-Trimethylbenzene
Concen: 1.025 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

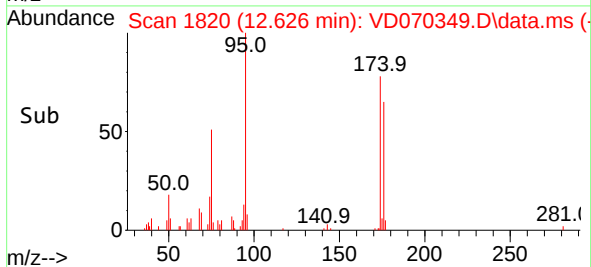
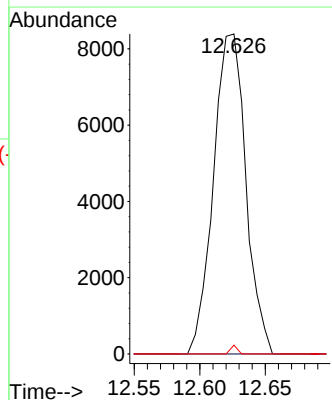
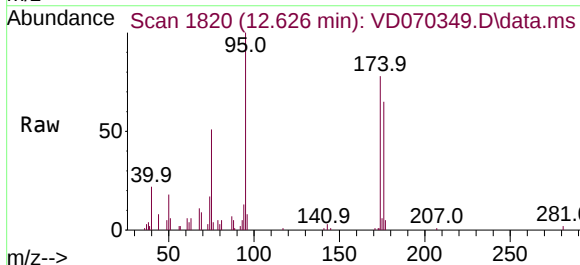
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021RE

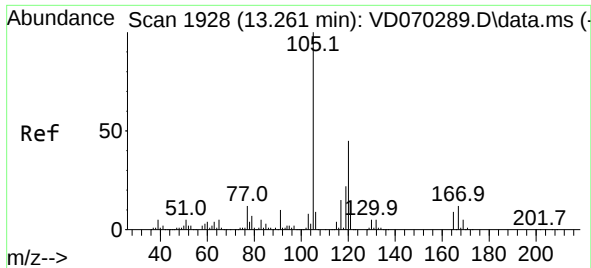
Tgt Ion:105 Resp: 1925
Ion Ratio Lower Upper
105 100
120 45.1 24.1 72.2



#81
trans-1,4-Dichloro-2-butene
Concen: 115.278 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

Tgt Ion: 75 Resp: 14438
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.6 35.6 53.4#

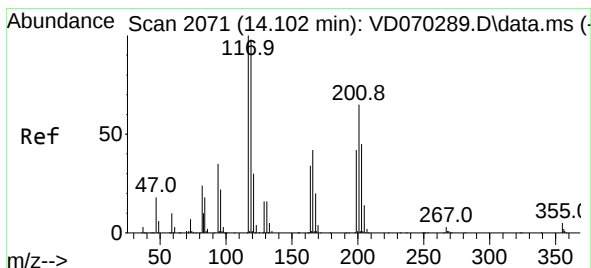
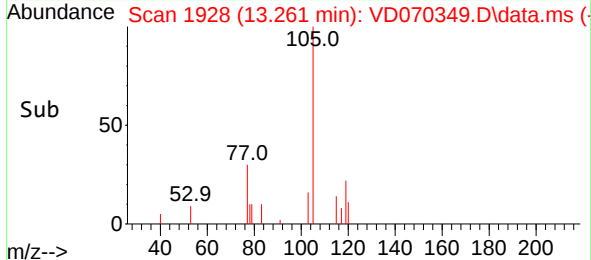
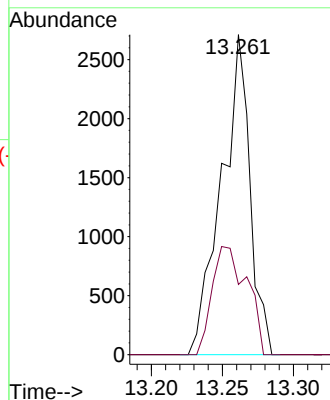
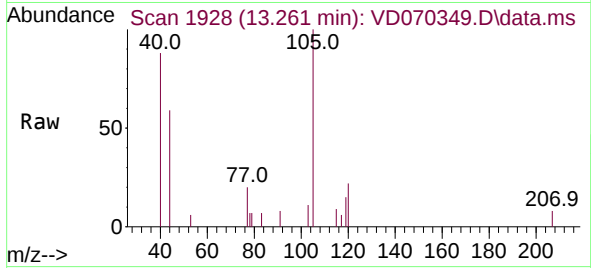




#84
1,2,4-Trimethylbenzene
Concen: 2.045 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

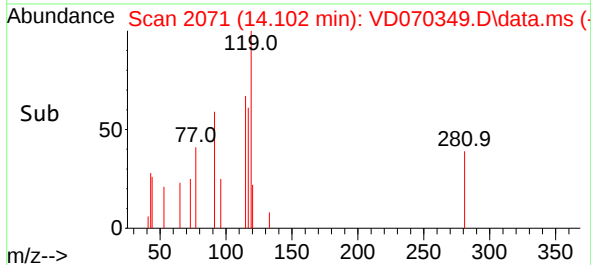
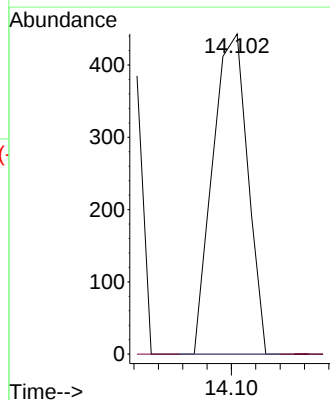
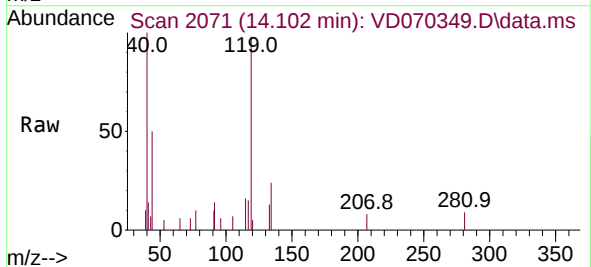
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021RE

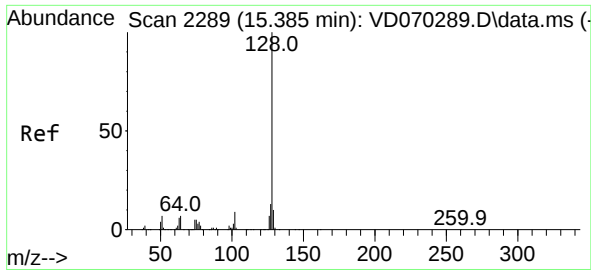
Tgt Ion:105 Resp: 3782
Ion Ratio Lower Upper
105 100
120 41.1 22.3 66.8



#90
Hexachloroethane
Concen: 1.006 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

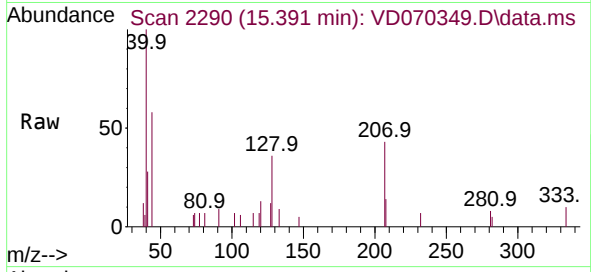
Tgt Ion:117 Resp: 443
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.9#





#95
Naphthalene
Concen: 2.075 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD070349.D
Acq: 14 Sep 2021 13:14

Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021RE



Tgt Ion:128 Resp: 1878
Ion Ratio Lower Upper
128 100
127 15.1 10.5 15.7
129 4.8 9.0 13.4#

