

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071000.D
 Acq On : 11 Nov 2021 19:18
 Operator : VA/SY
 Sample : M4628-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 12 08:04:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

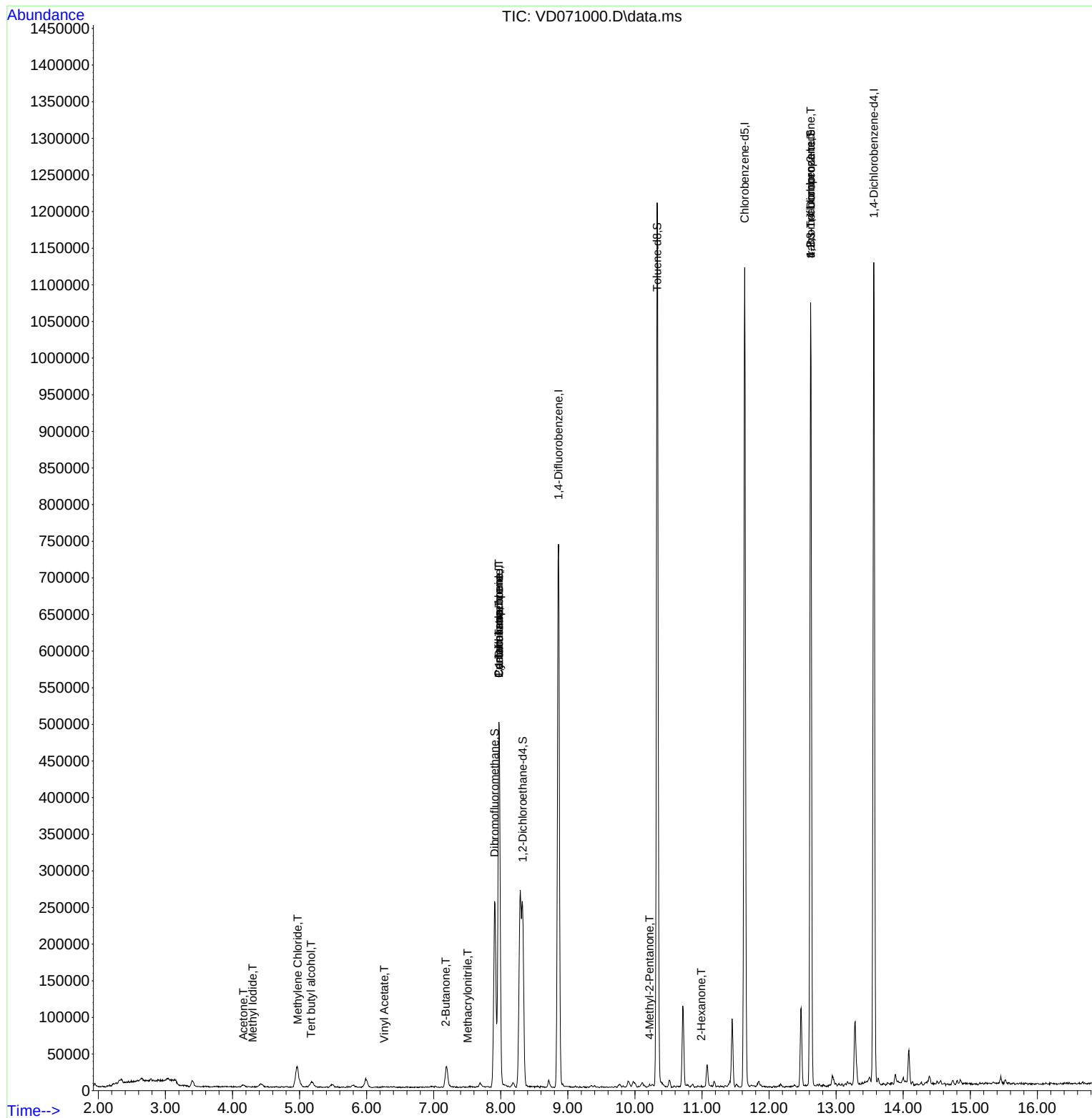
Internal Standards						
1) Pentafluorobenzene	7.973	168	367557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	624360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	598721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	281536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175449	44.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.660%
35) Dibromofluoromethane	7.908	113	177655	50.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.860%
50) Toluene-d8	10.332	98	791259	57.348	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.700%
62) 4-Bromofluorobenzene	12.620	95	289245	58.223	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.440%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	336	6.091	ug/l #	78
11) Tert butyl alcohol	5.173	59	8441	29.514	ug/l #	71
13) Acrolein	3.926	56	59	Below Cal	#	1
16) Acetone	4.162	43	5794	24.844	ug/l #	79
20) Methylene Chloride	4.973	84	19701	4.038	ug/l #	85
23) Vinyl Acetate	6.261	43	80	20.992	ug/l #	72
25) 2-Butanone	7.179	43	1130	21.127	ug/l #	45
31) Cyclohexane	7.973	56	10898	1.354	ug/l #	18
36) 1,1-Dichloropropene	7.973	75	31289	5.613	ug/l #	48
38) Carbon Tetrachloride	7.973	117	37516	7.308	ug/l #	16
41) Methacrylonitrile	7.508	41	240	3.625	ug/l #	44
51) 4-Methyl-2-Pentanone	10.220	43	3715	1.424	ug/l #	74
59) 2-Hexanone	10.991	43	393	16.115	ug/l	98
76) 1,2,3-Trichloropropane	12.620	75	156883	65.235	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	156883	120.587	ug/l #	18

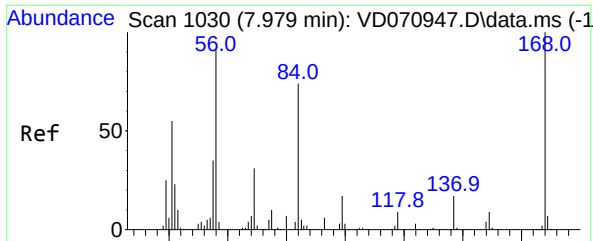
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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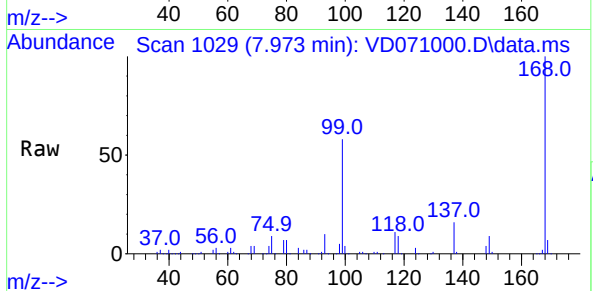
Quant Time: Nov 12 08:04:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
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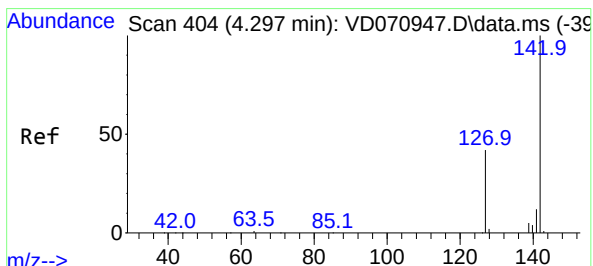
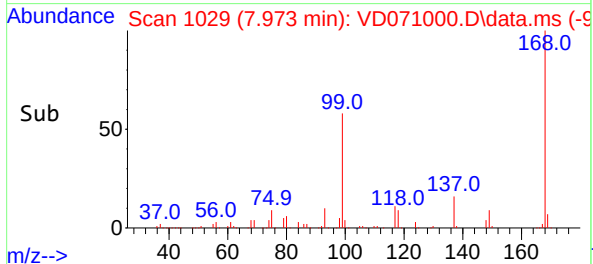
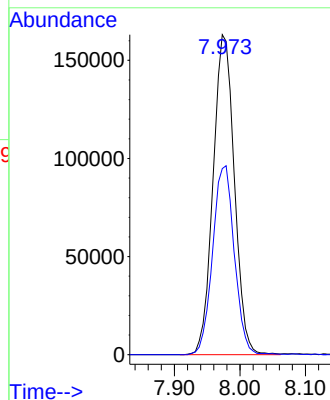


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Instrument :
MSVOA_D
ClientSampleId :

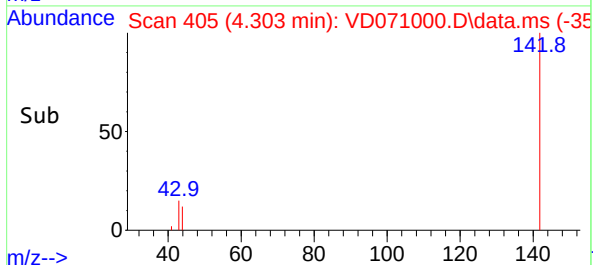
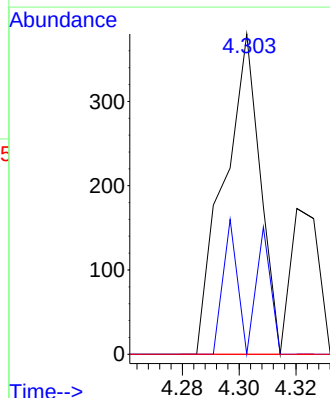
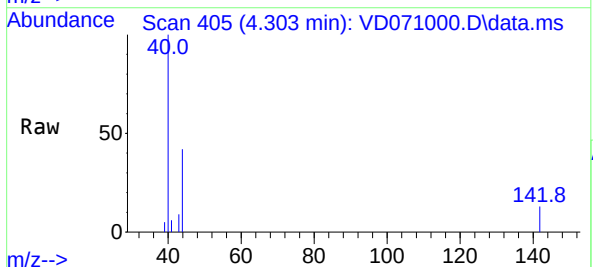


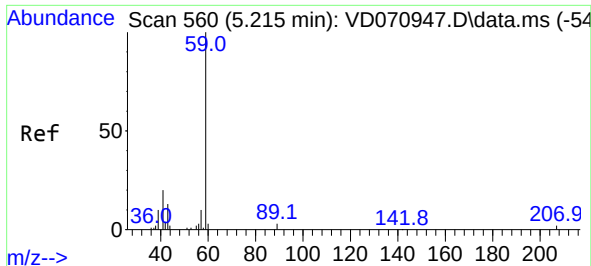
Tgt Ion:168 Resp: 367557
Ion Ratio Lower Upper
168 100
99 58.1 46.6 69.8



#10
Methyl Iodide
Concen: 6.091 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

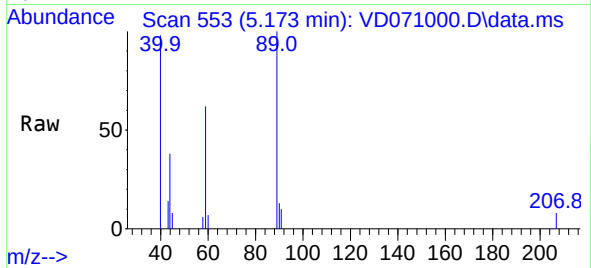
Tgt Ion:142 Resp: 336
Ion Ratio Lower Upper
142 100
127 32.7 35.0 52.4#
141 0.0 12.0 18.0#



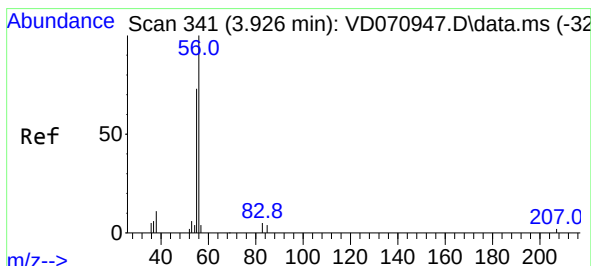
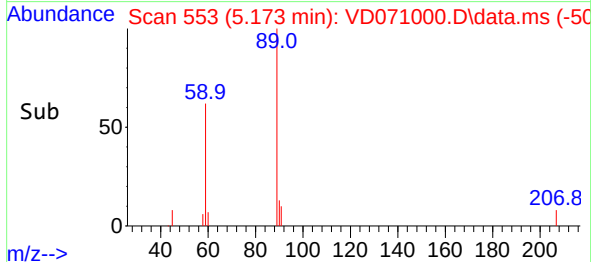
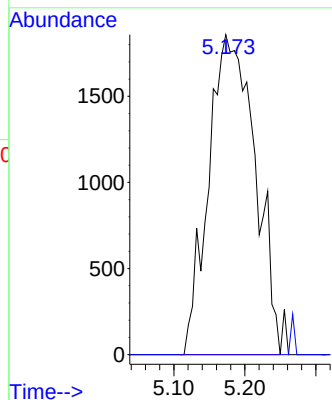


#11
Tert butyl alcohol
Concen: 29.514 ug/l
RT: 5.173 min Scan# 511
Delta R.T. -0.042 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Instrument :
MSVOA_D
ClientSampleId :

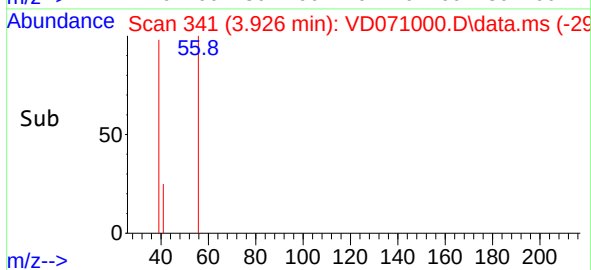
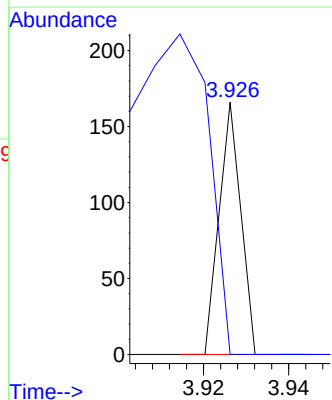
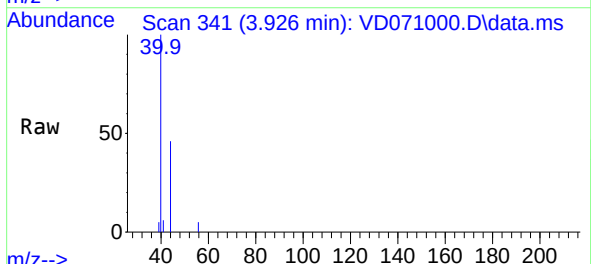


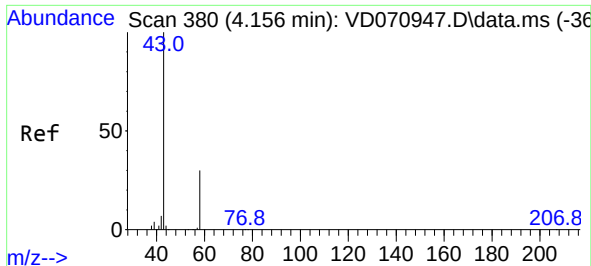
Tgt Ion: 59 Resp: 8441
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#13
Acrolein
Concen: Below Cal
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 442.4 58.6 87.8#

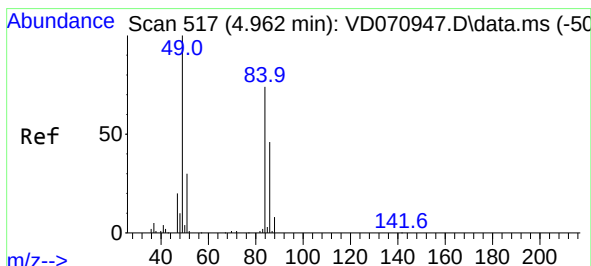
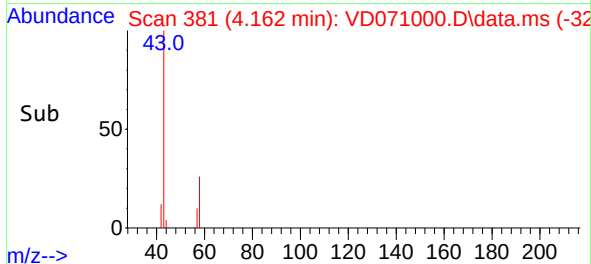
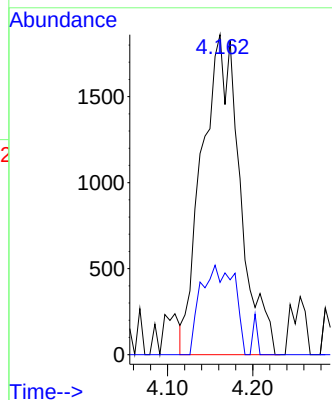
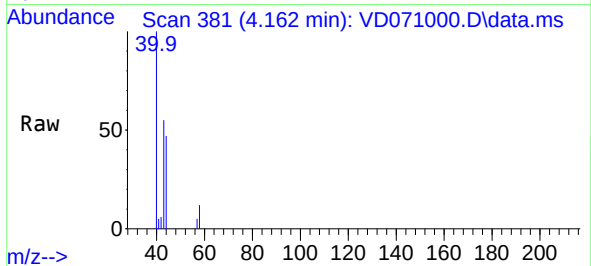




#16
Acetone
Concen: 24.844 ug/l
RT: 4.162 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

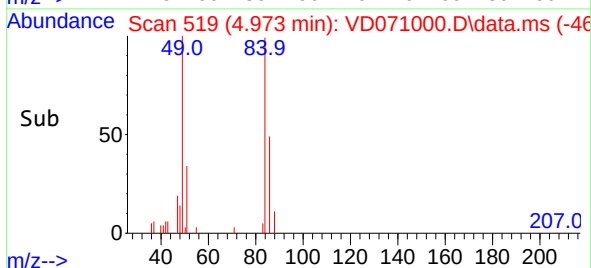
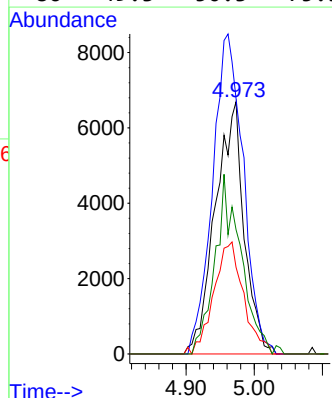
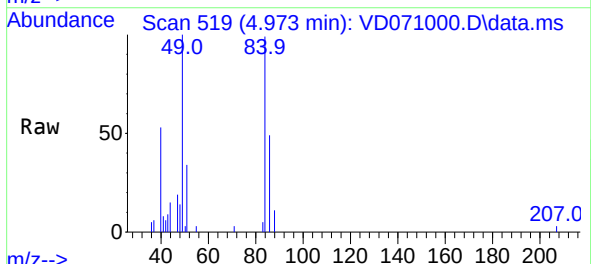
Instrument :
MSVOA_D
ClientSampleId :

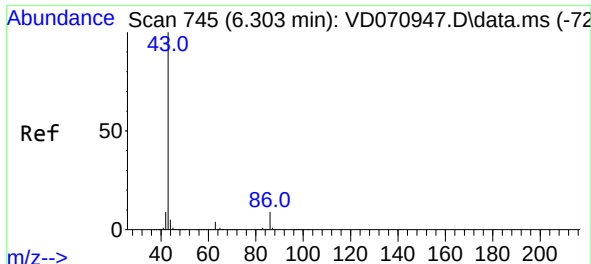
Tgt Ion: 43 Resp: 5794
Ion Ratio Lower Upper
43 100
58 22.6 27.8 41.8#



#20
Methylene Chloride
Concen: 4.038 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Tgt Ion: 84 Resp: 19701
Ion Ratio Lower Upper
84 100
49 101.3 95.8 143.6
51 34.4 30.9 46.3
86 49.3 50.3 75.5#

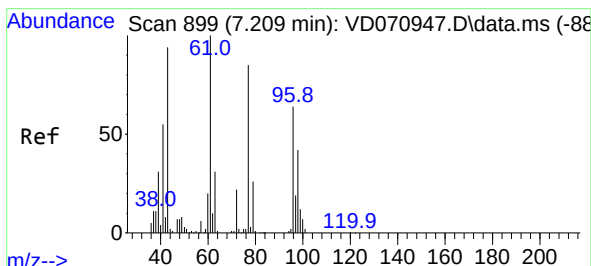
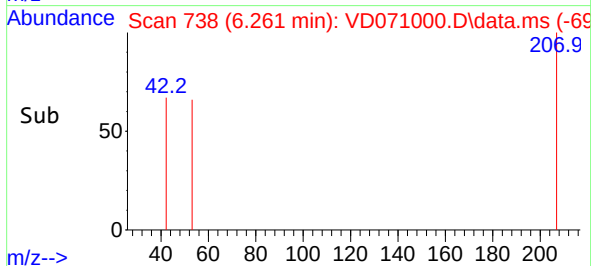
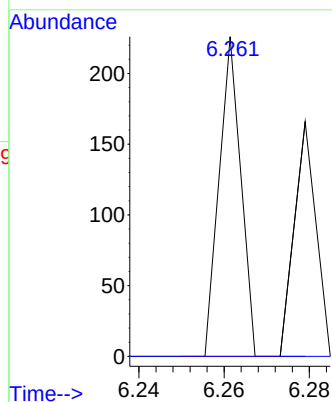
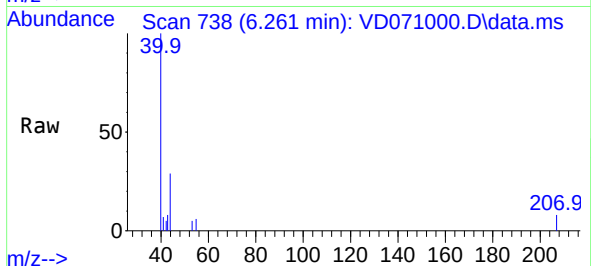




#23
 Vinyl Acetate
 Concen: 20.992 ug/l
 RT: 6.261 min Scan# 71
 Delta R.T. -0.042 min
 Lab File: VD071000.D
 Acq: 11 Nov 2021 19:18

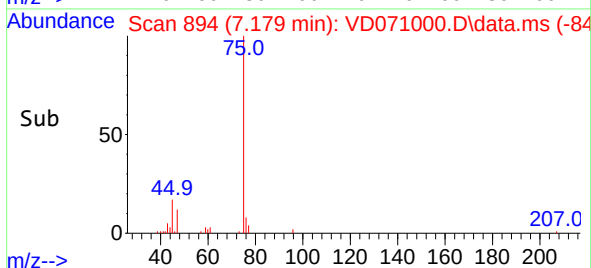
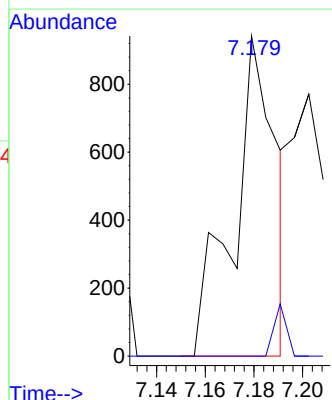
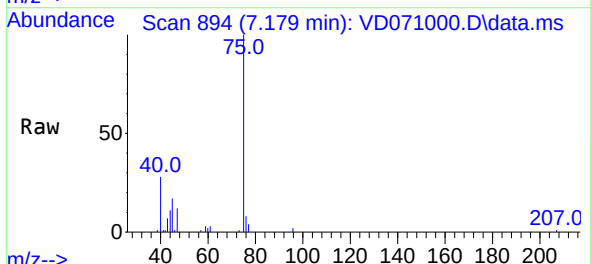
Instrument :
 MSVOA_D
 ClientSampleId :

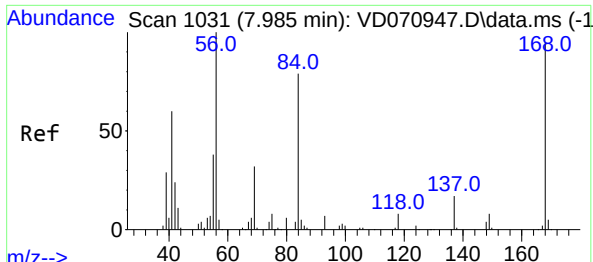
Tgt Ion: 43 Resp: 80
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 21.127 ug/l
 RT: 7.179 min Scan# 894
 Delta R.T. -0.030 min
 Lab File: VD071000.D
 Acq: 11 Nov 2021 19:18

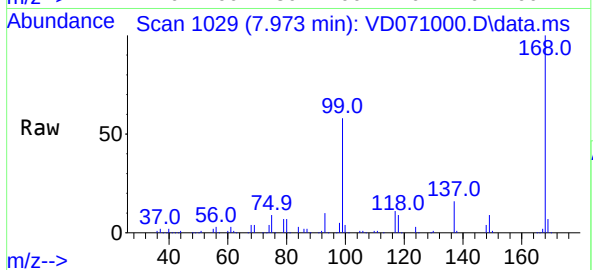
Tgt Ion: 43 Resp: 1130
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.8 35.6#



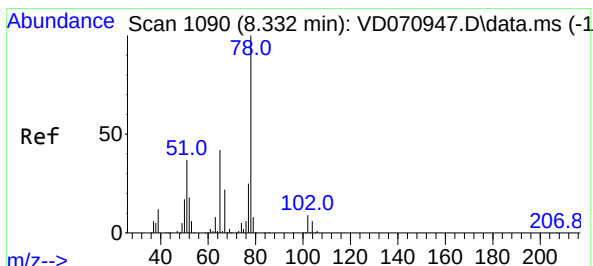
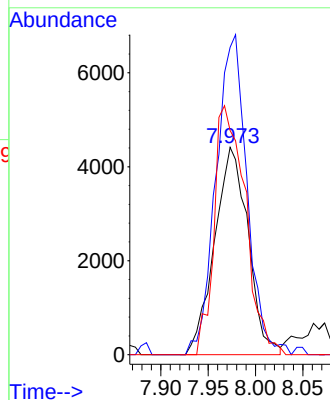
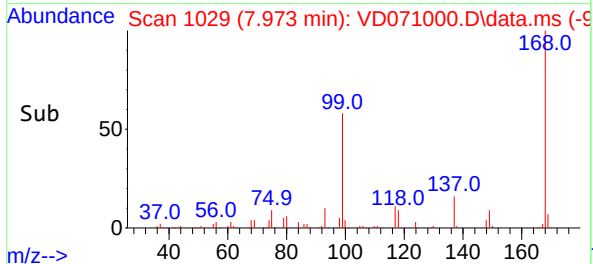


#31
Cyclohexane
Concen: 1.354 ug/l
RT: 7.973 min Scan# 10898
Delta R.T. -0.012 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Instrument :
MSVOA_D
ClientSampleId :

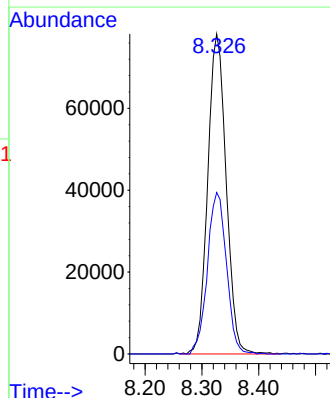
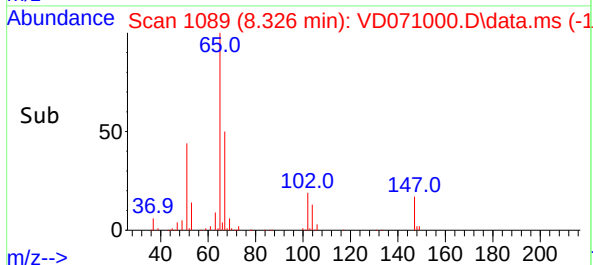
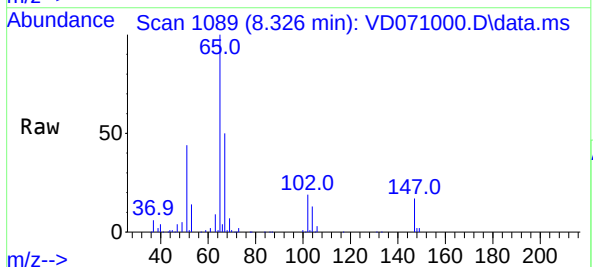


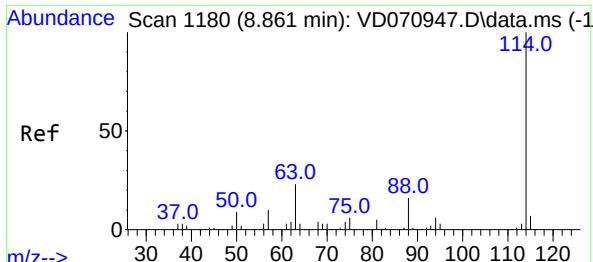
Tgt Ion: 56 Resp: 10898
Ion Ratio Lower Upper
56 100
69 148.2 25.9 38.9#
84 108.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 44.833 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

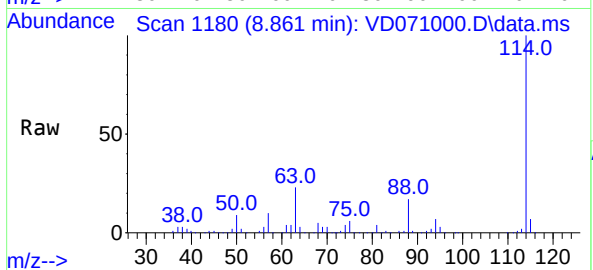
Tgt Ion: 65 Resp: 175449
Ion Ratio Lower Upper
65 100
67 52.3 0.0 112.2



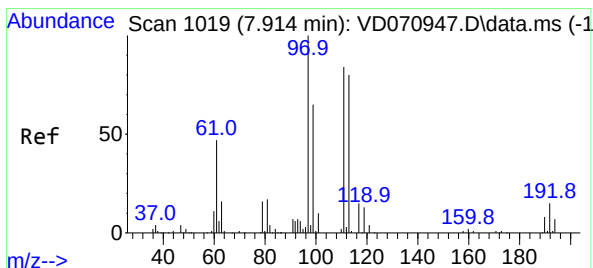
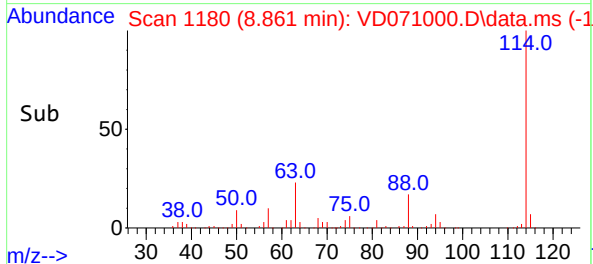
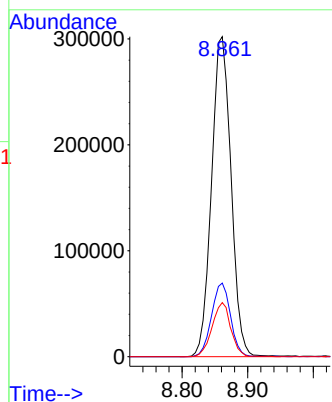


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Instrument :
MSVOA_D
ClientSampleId :

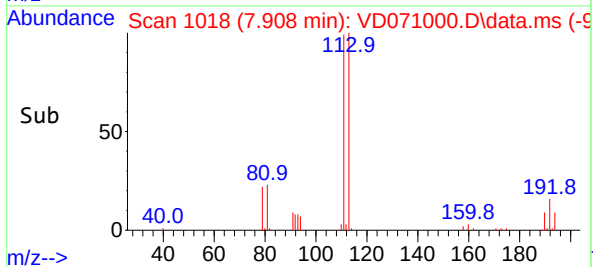
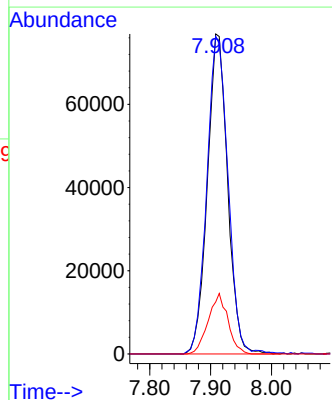
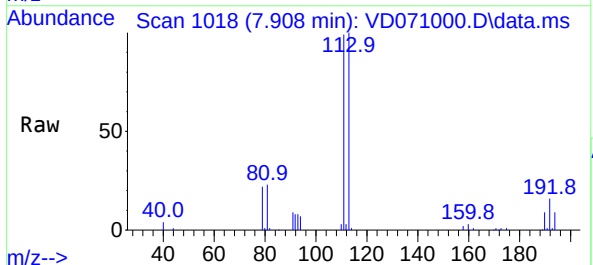


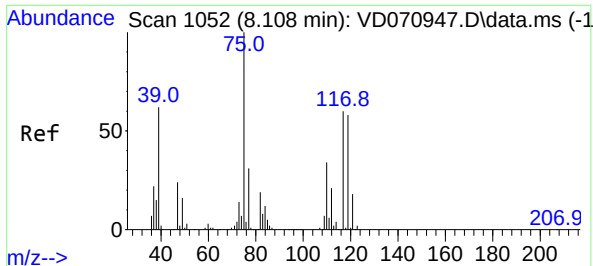
Tgt Ion:114 Resp: 624360
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.425 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Tgt Ion:113 Resp: 177655
Ion Ratio Lower Upper
113 100
111 104.0 82.0 123.0
192 18.4 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.613 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD071000.D

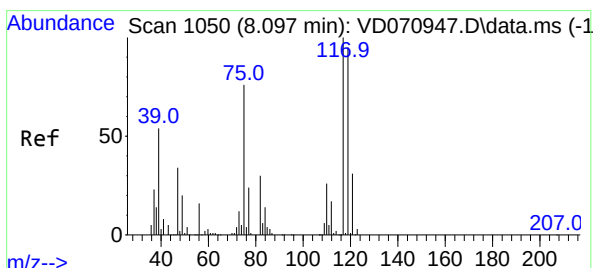
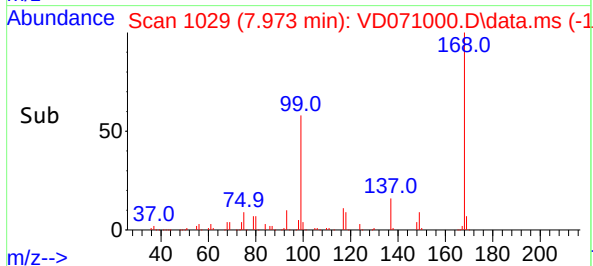
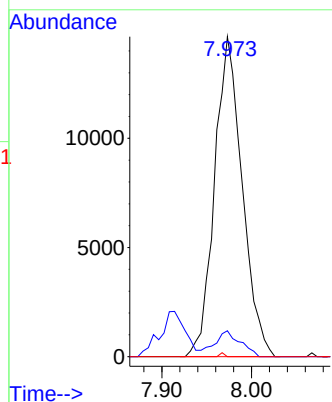
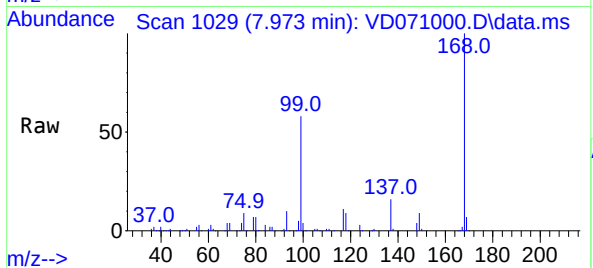
Acq: 11 Nov 2021 19:18

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	75	Resp:	31289
Ion	Ratio	Lower	Upper
75	100		
110	7.4	17.8	53.4#
77	0.2	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 7.308 ug/l

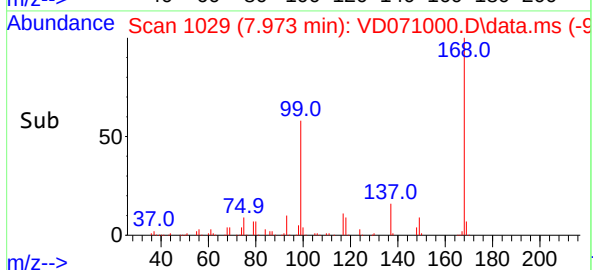
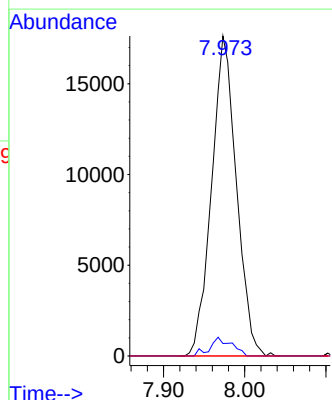
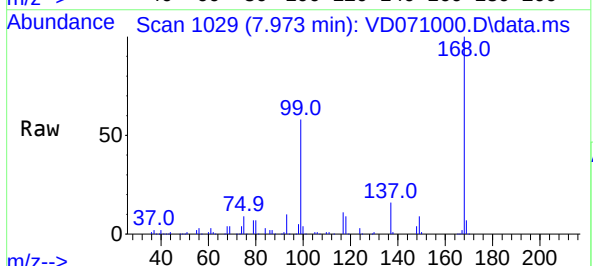
RT: 7.973 min Scan# 1029

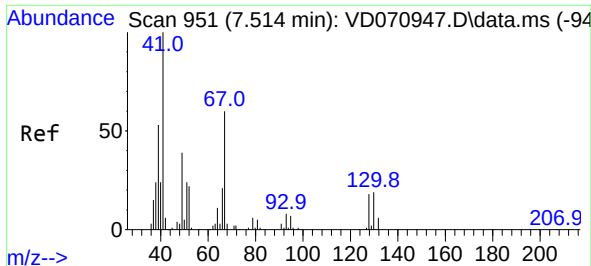
Delta R.T. -0.124 min

Lab File: VD071000.D

Acq: 11 Nov 2021 19:18

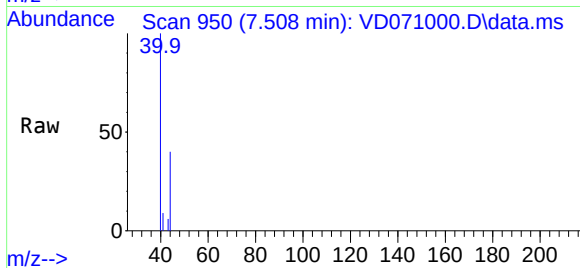
Tgt Ion:	117	Resp:	37516
Ion	Ratio	Lower	Upper
117	100		
119	3.9	75.8	113.6#
121	0.0	23.6	35.4#



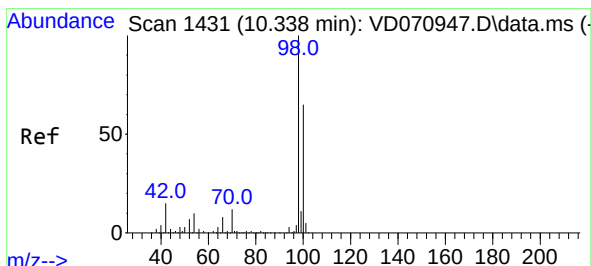
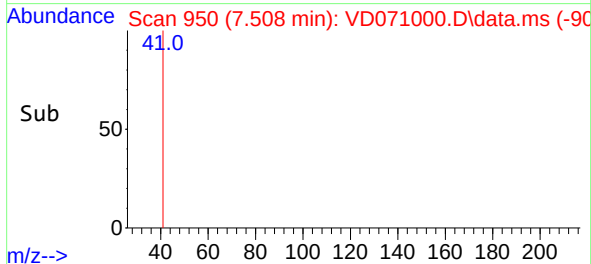
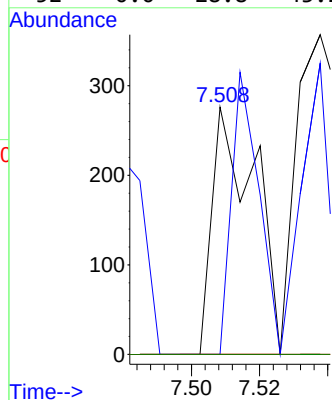


#41
Methacrylonitrile
Concen: 3.625 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Instrument :
MSVOA_D
ClientSampleId :

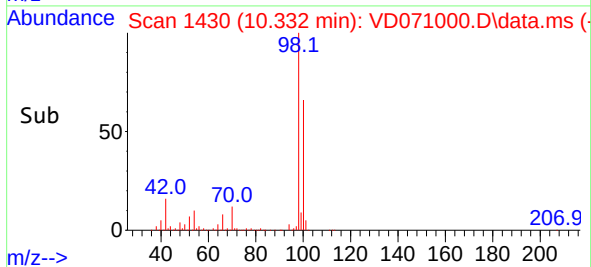
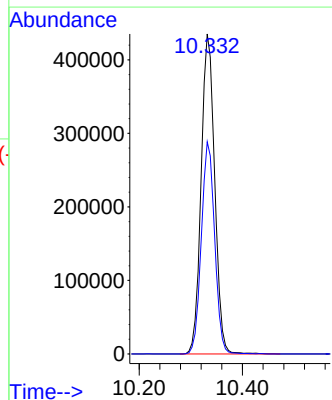
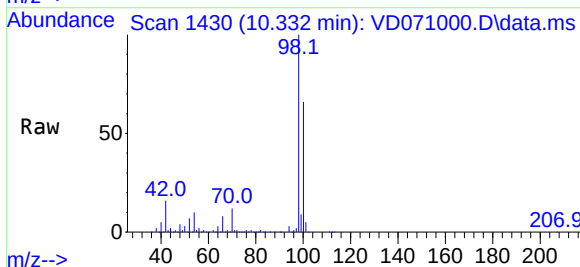


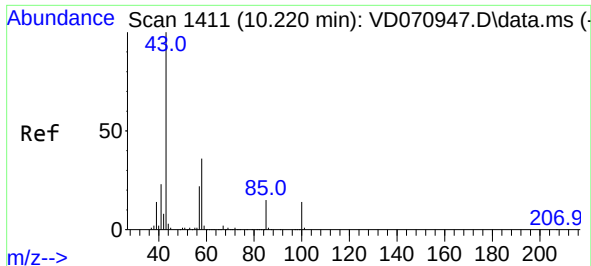
Tgt Ion:	41	Resp:	240
Ion	Ratio	Lower	Upper
41	100		
39	72.5	60.2	90.4
67	0.0	74.8	112.2#
52	0.0	28.8	43.2#



#50
Toluene-d8
Concen: 57.348 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

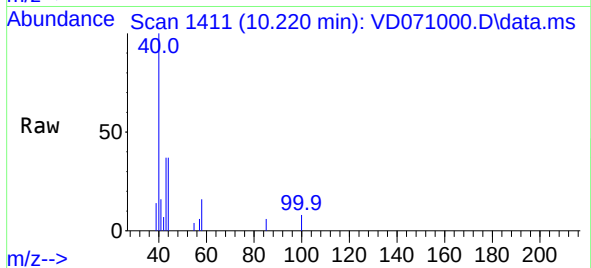
Tgt Ion:	98	Resp:	791259
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.8	77.6



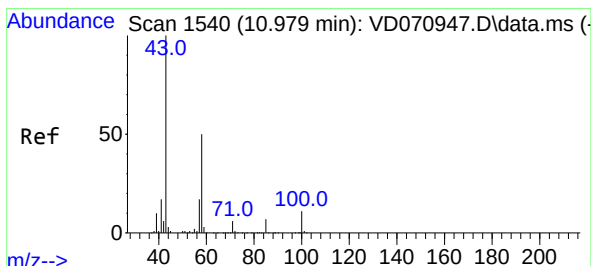
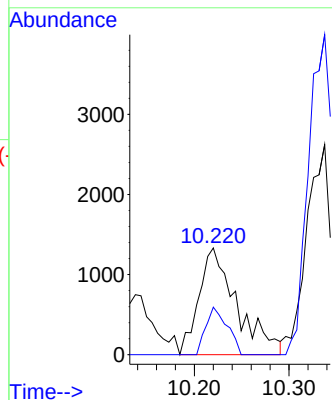
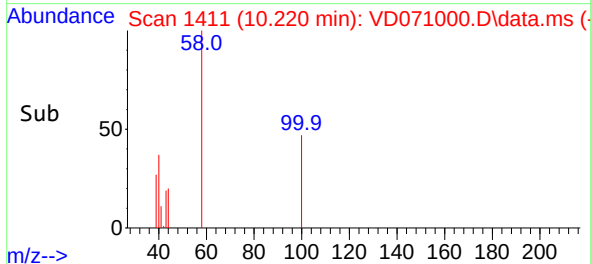


#51
4-Methyl-2-Pentanone
Concen: 1.424 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Instrument :
MSVOA_D
ClientSampleId :

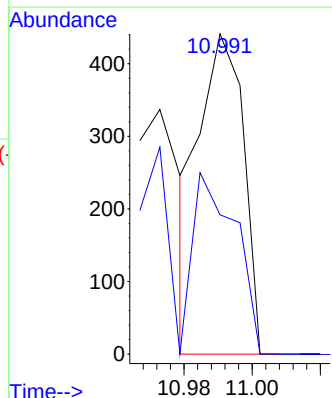
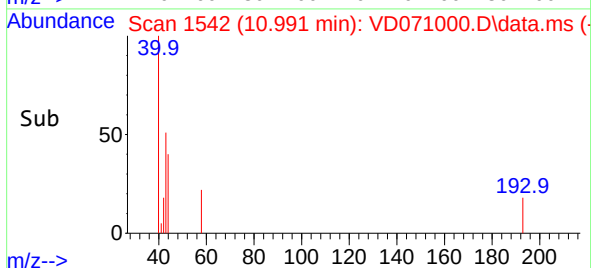
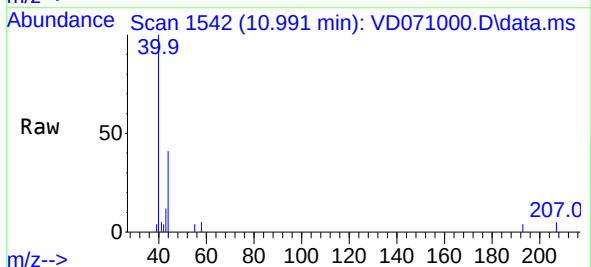


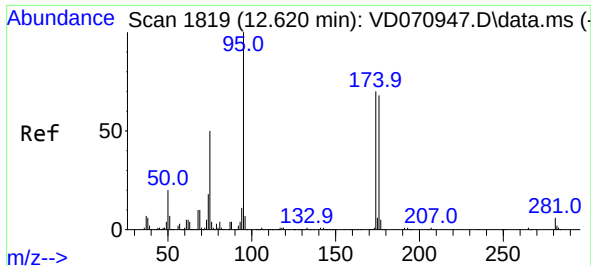
Tgt Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
58 25.2 33.1 49.7#



#59
2-Hexanone
Concen: 16.115 ug/l
RT: 10.991 min Scan# 1542
Delta R.T. 0.012 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

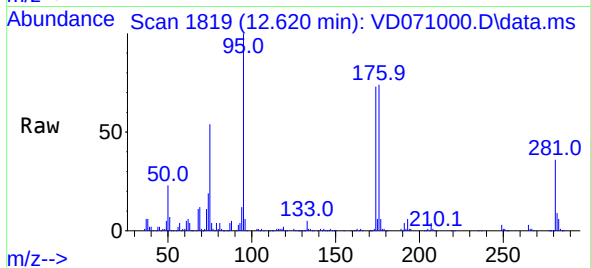
Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
58 56.0 28.7 86.1



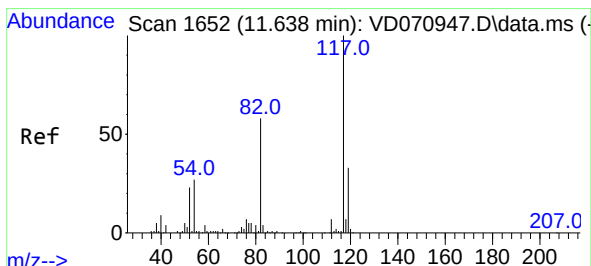
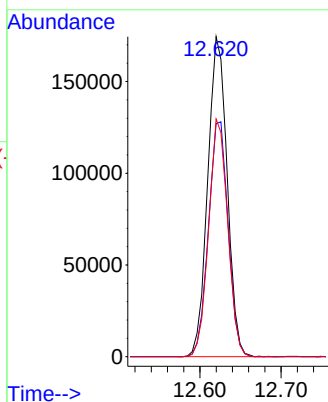
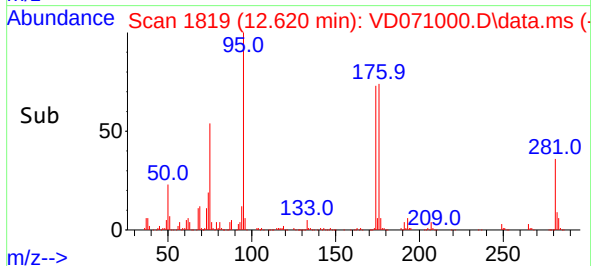


#62
4-Bromofluorobenzene
Concen: 58.223 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Instrument :
MSVOA_D
ClientSampleId :

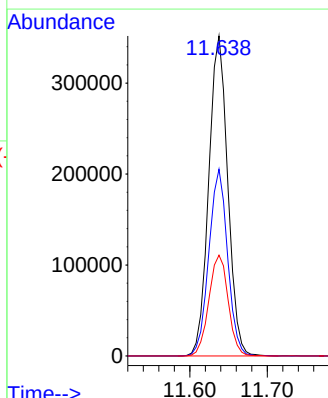
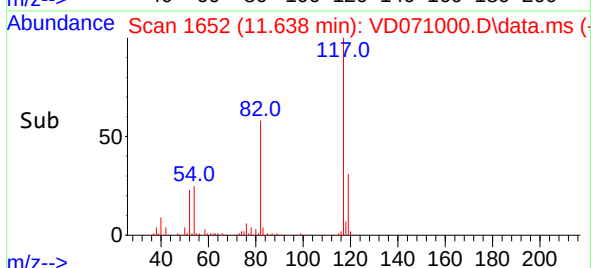
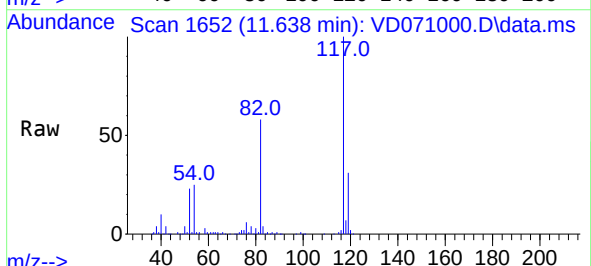


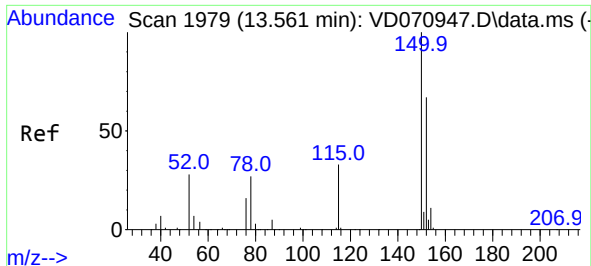
Tgt Ion: 95 Resp: 289245
Ion Ratio Lower Upper
95 100
174 74.6 0.0 159.4
176 72.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

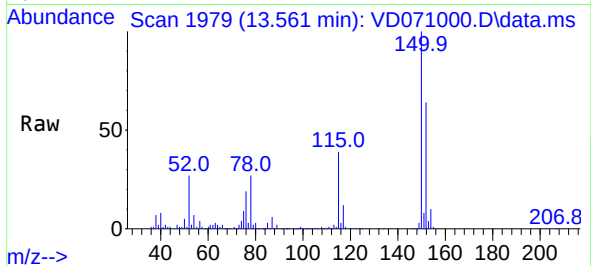
Tgt Ion: 117 Resp: 598721
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 31.5 26.2 39.4



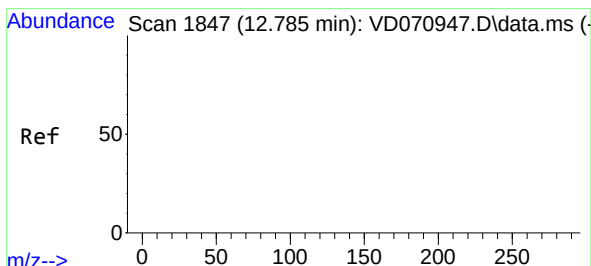
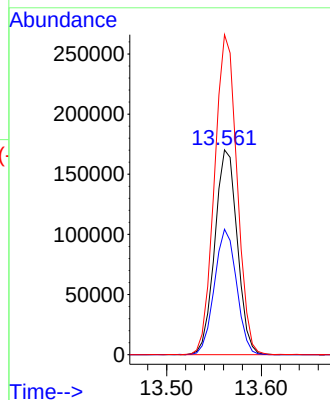
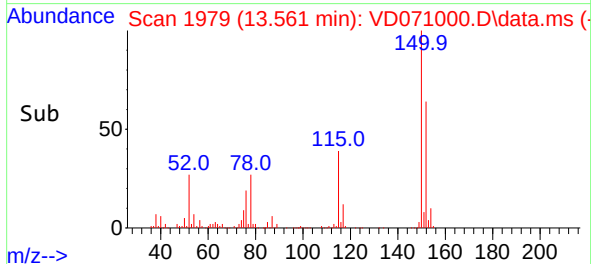


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

Instrument :
MSVOA_D
ClientSampleId :

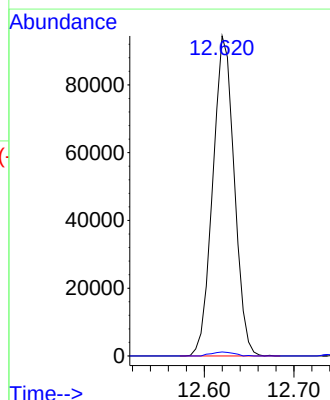
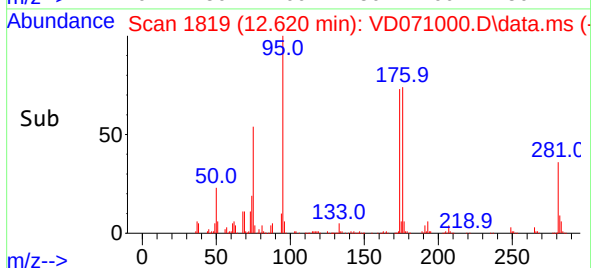
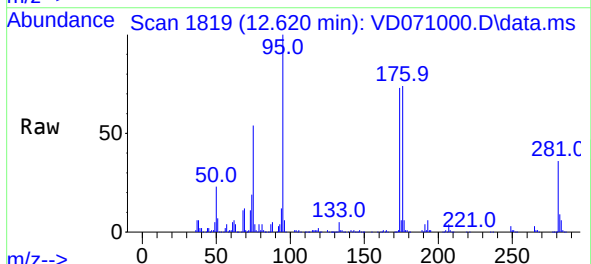


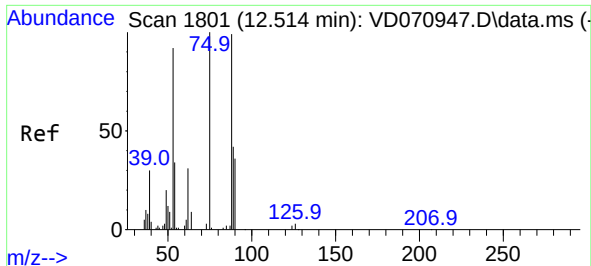
Tgt Ion:152 Resp: 281536
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 156.6 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 65.235 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.165 min
Lab File: VD071000.D
Acq: 11 Nov 2021 19:18

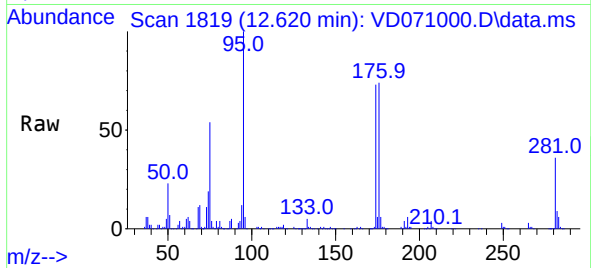
Tgt Ion: 75 Resp: 156883
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.587 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD071000.D
 Acq: 11 Nov 2021 19:18

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 156883
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.2 34.5 51.7#

