

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072481.D
 Acq On : 30 Mar 2022 16:12
 Operator : VA/SY
 Sample : N2102-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-32422

Quant Time: Mar 31 03:09:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

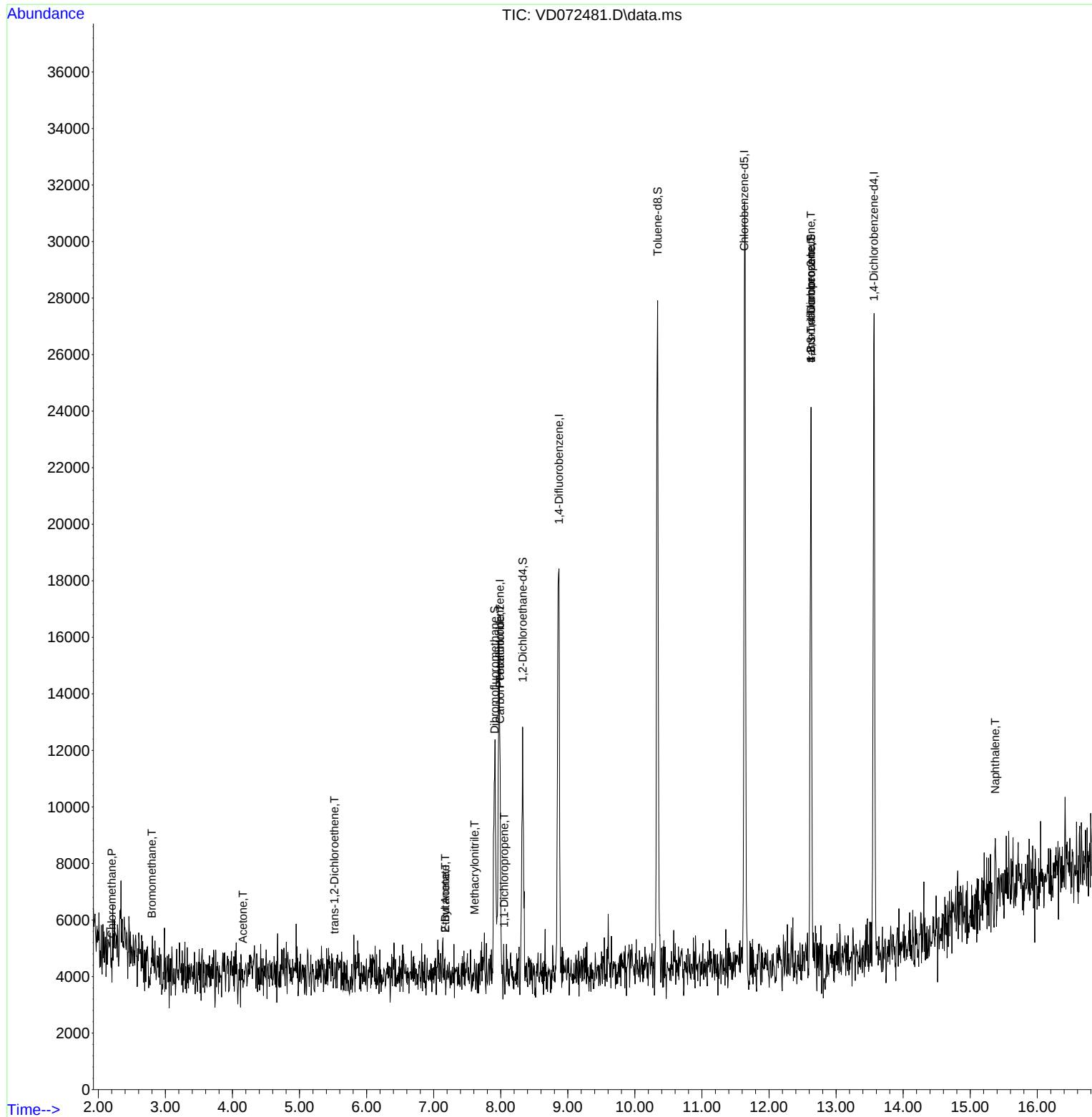
Internal Standards						
1) Pentafluorobenzene	7.985	168	7642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	13231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	16381	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	6761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	6202	67.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.180%	
35) Dibromofluoromethane	7.909	113	5698	55.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.840%	
50) Toluene-d8	10.338	98	16041	44.880	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.760%	
62) 4-Bromofluorobenzene	12.626	95	6734	48.242	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.480%	
Target Compounds						
						Qvalue
3) Chloromethane	2.203	50	70	1.248	ug/l #	40
5) Bromomethane	2.797	94	120	2.776	ug/l #	47
16) Acetone	4.156	43	60	3.481	ug/l #	47
21) trans-1,2-Dichloroethene	5.520	96	90	1.812	ug/l #	1
25) 2-Butanone	7.173	43	59	2.475	ug/l #	52
36) 1,1-Dichloropropene	8.050	75	54	1.526	ug/l #	43
37) Ethyl Acetate	7.173	43	59	1.083	ug/l #	72
38) Carbon Tetrachloride	7.991	117	1105	7.801	ug/l #	13
41) Methacrylonitrile	7.609	41	69	3.753	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	3186	43.206	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	3186	106.019	ug/l #	7
95) Naphthalene	15.373	128	298	1.106	ug/l #	70

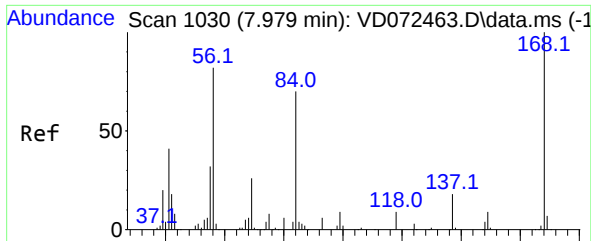
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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HD-02-32422

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

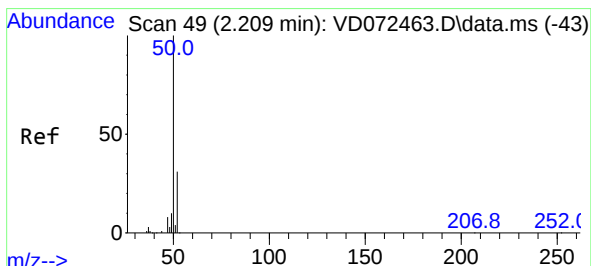
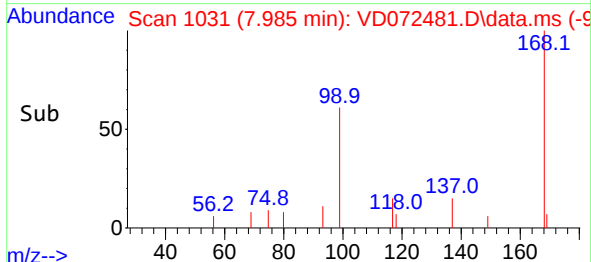
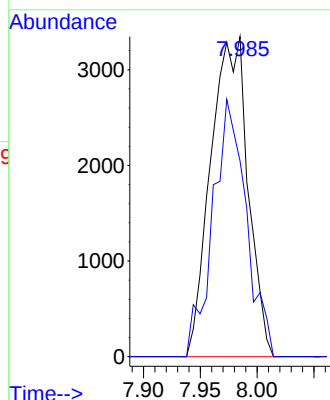
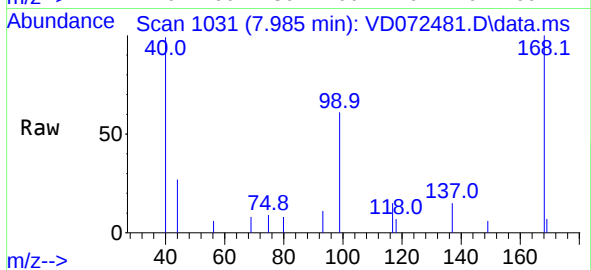




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

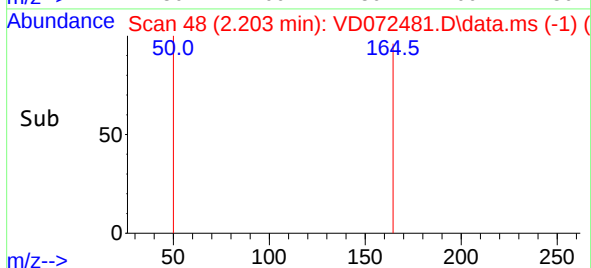
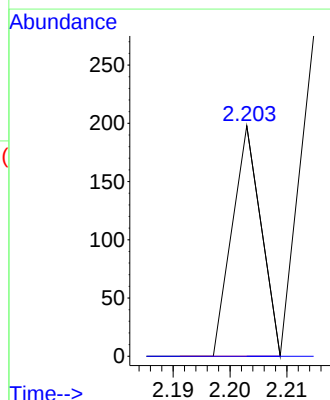
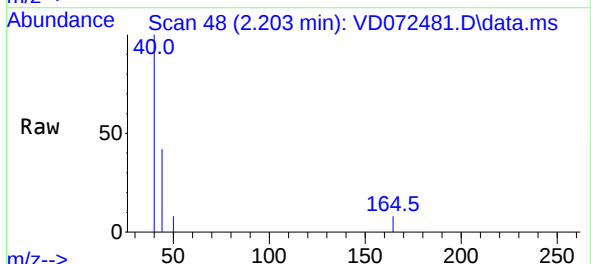
Instrument :
MSVOA_D
ClientSampleId :
HD-02-32422

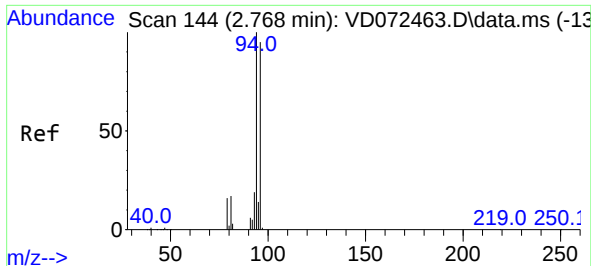
Tgt Ion:168 Resp: 7642
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#3
Chloromethane
Concen: 1.248 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Tgt Ion: 50 Resp: 70
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

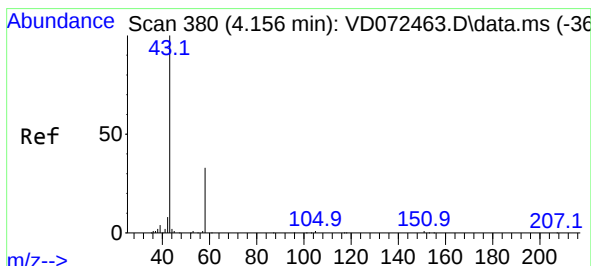
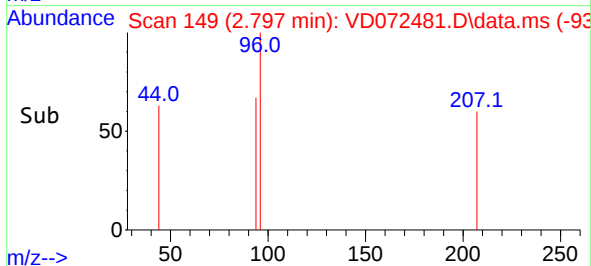
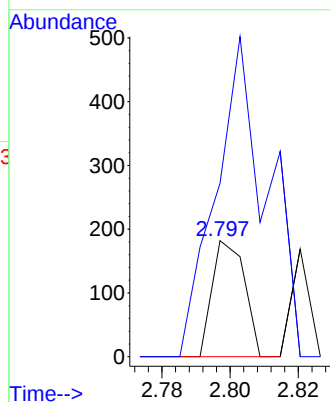
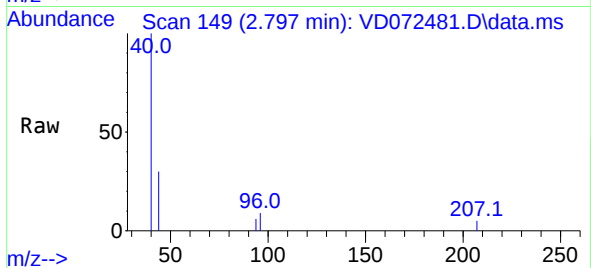




#5
Bromomethane
Concen: 2.776 ug/l
RT: 2.797 min Scan# 144
Delta R.T. 0.030 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

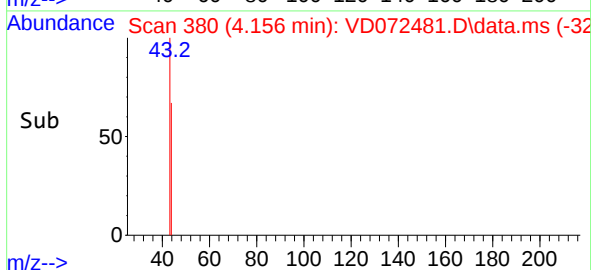
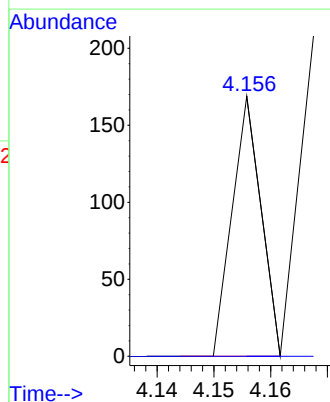
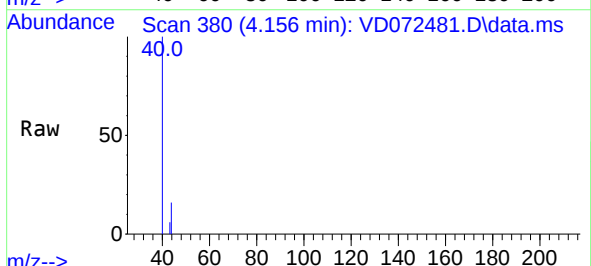
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MSVOA_D
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HD-02-32422

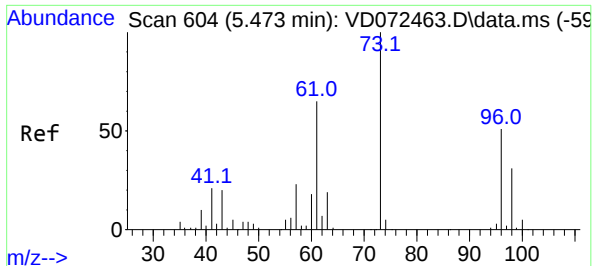
Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 149.5 77.6 116.4#



#16
Acetone
Concen: 3.481 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

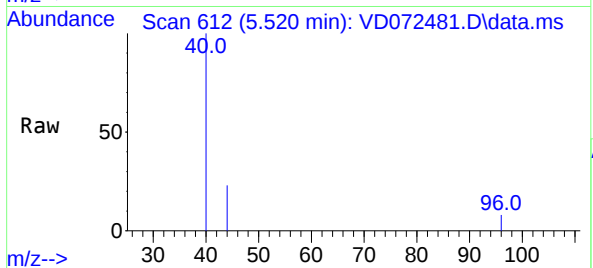
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



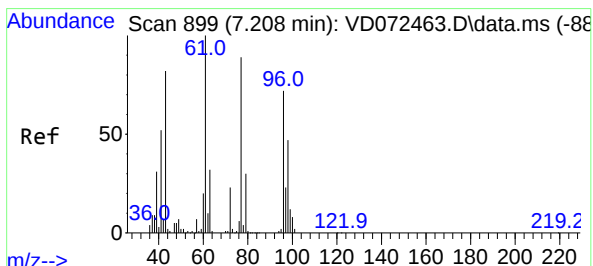
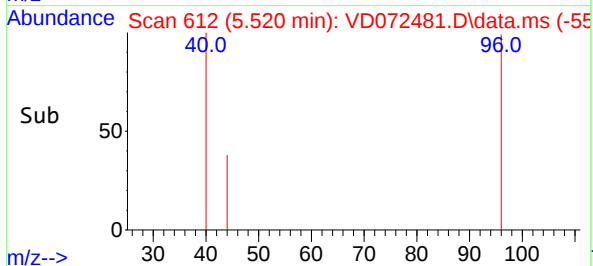
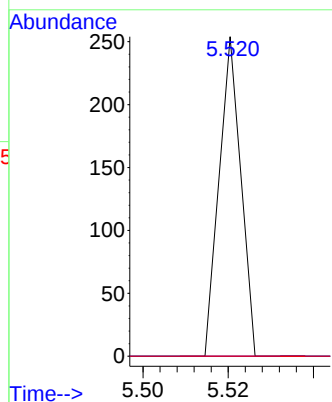


#21
trans-1,2-Dichloroethene
Concen: 1.812 ug/l
RT: 5.520 min Scan# 611
Delta R.T. 0.047 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
HD-02-32422

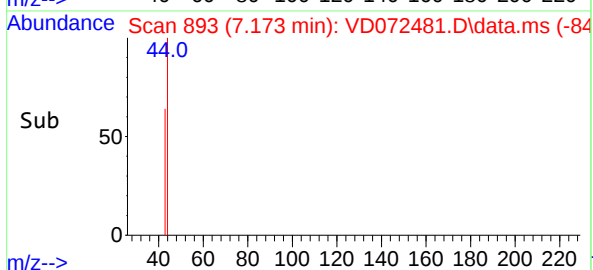
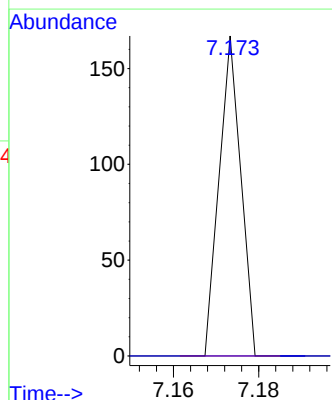
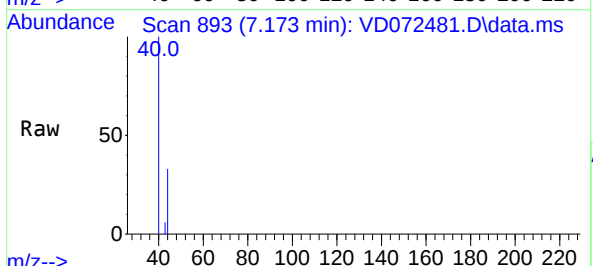


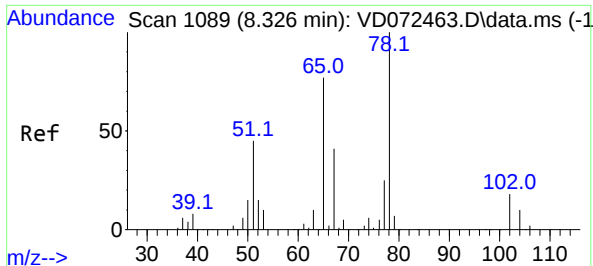
Tgt Ion: 96 Resp: 90
Ion Ratio Lower Upper
96 100
61 0.0 117.9 176.9#
98 0.0 49.4 74.2#



#25
2-Butanone
Concen: 2.475 ug/l
RT: 7.173 min Scan# 893
Delta R.T. -0.035 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#

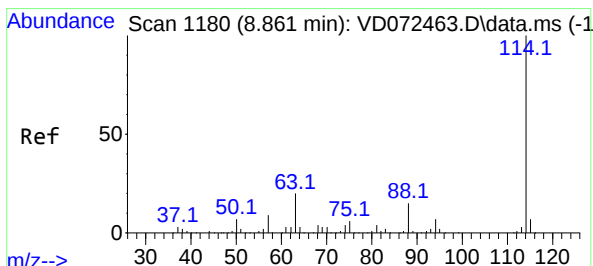
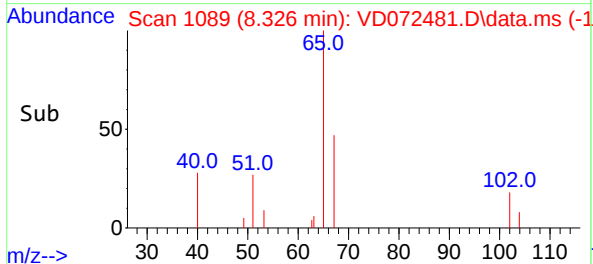
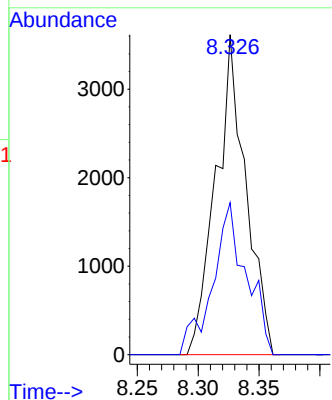
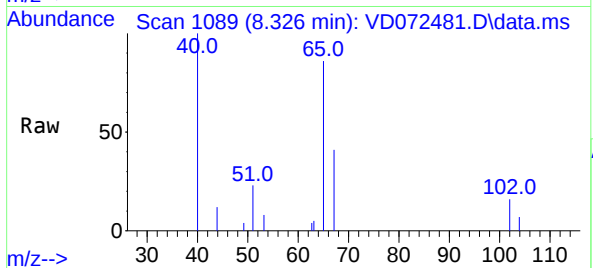




#33
1,2-Dichloroethane-d4
Concen: 67.089 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

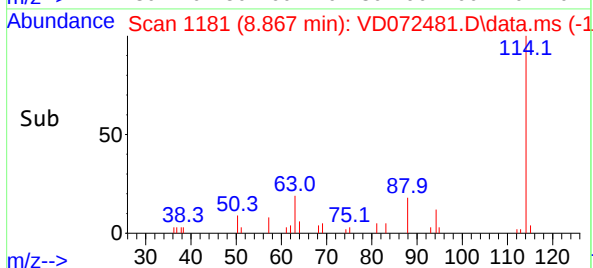
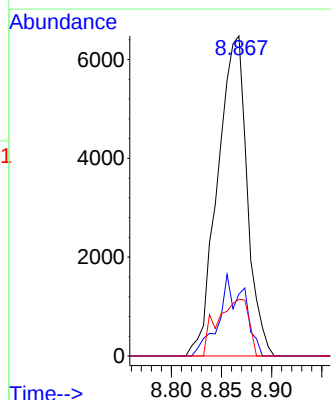
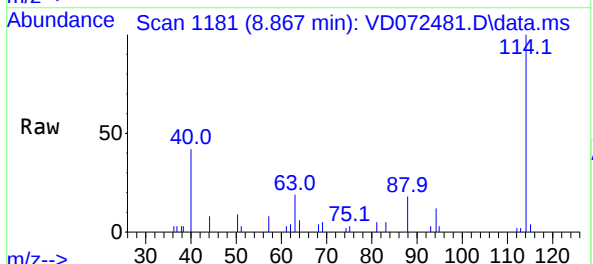
Instrument :
MSVOA_D
ClientSampleId :
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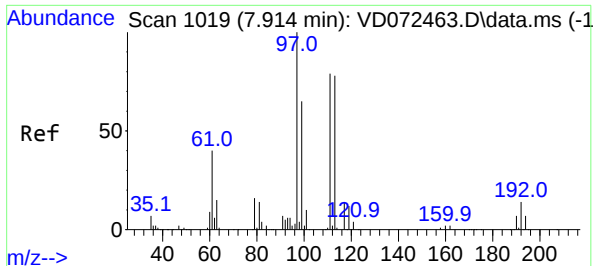
Tgt Ion: 65 Resp: 6202
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Tgt Ion: 114 Resp: 13231
Ion Ratio Lower Upper
114 100
63 19.4 0.0 46.6
88 17.7 0.0 33.2

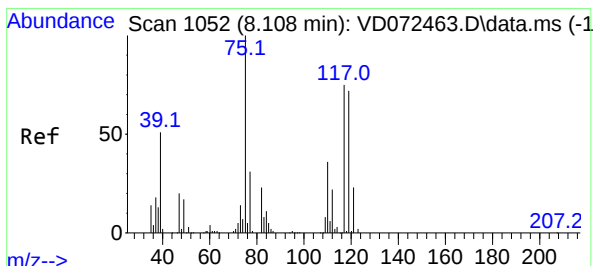
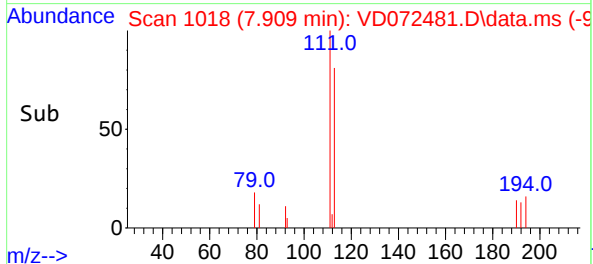
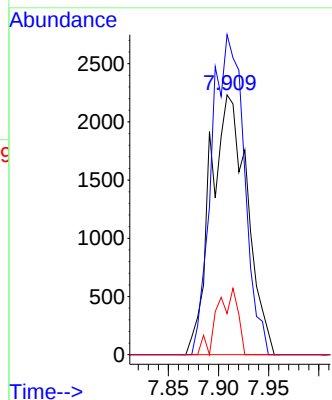
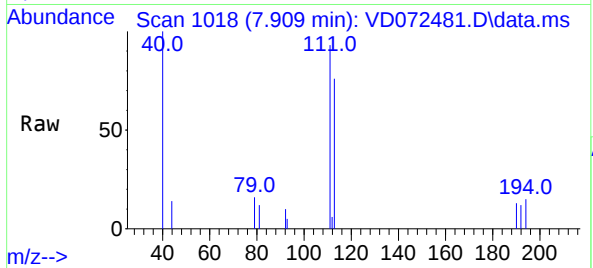




#35
Dibromofluoromethane
Concen: 55.415 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

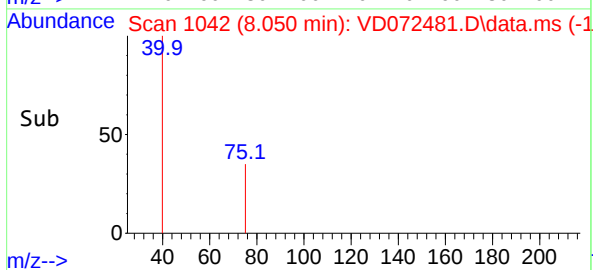
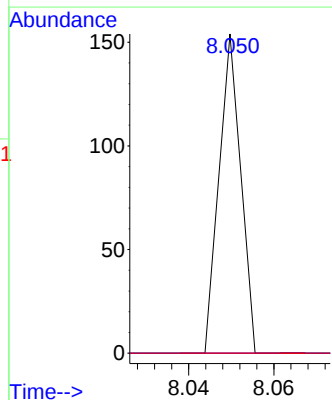
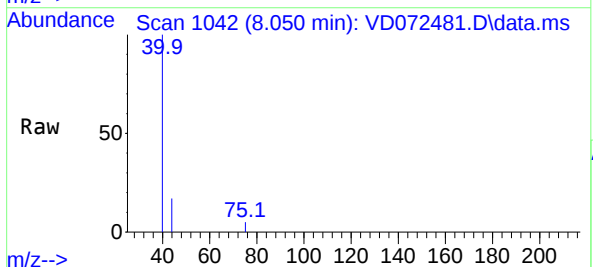
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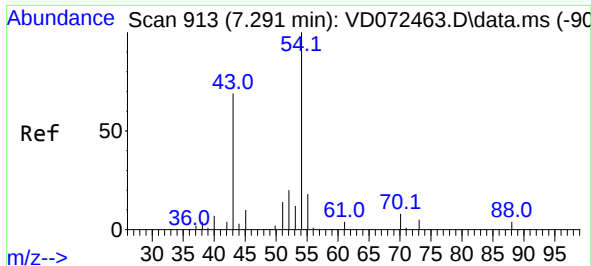
Tgt Ion:113 Resp: 5698
Ion Ratio Lower Upper
113 100
111 109.0 83.8 125.6
192 14.2 14.6 21.8#



#36
1,1-Dichloropropene
Concen: 1.526 ug/l
RT: 8.050 min Scan# 1042
Delta R.T. -0.058 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Tgt Ion: 75 Resp: 54
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#

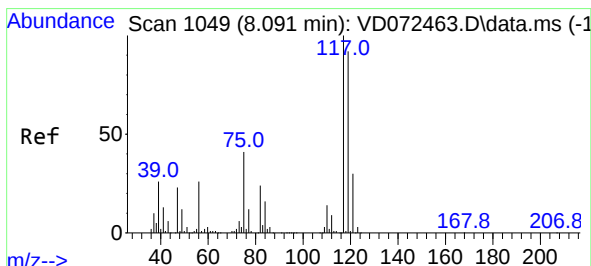
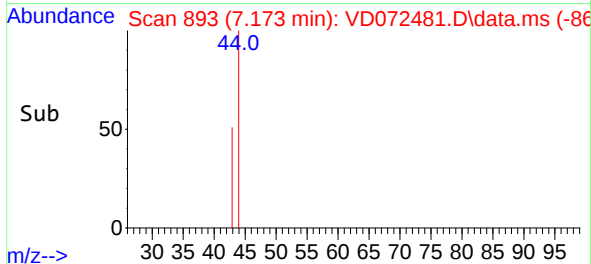
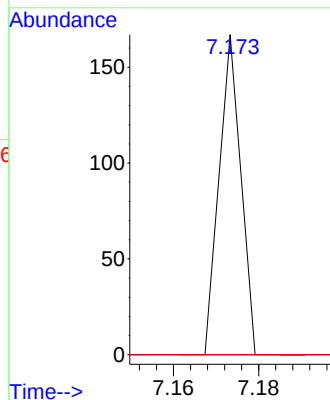
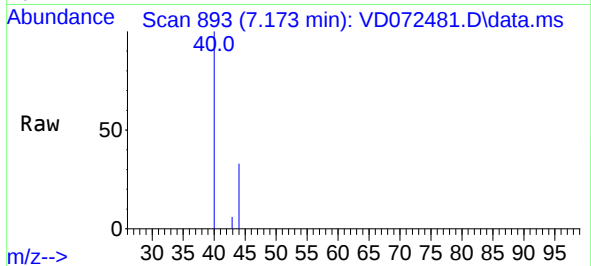




#37
Ethyl Acetate
Concen: 1.083 ug/l
RT: 7.173 min Scan# 893
Delta R.T. -0.118 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

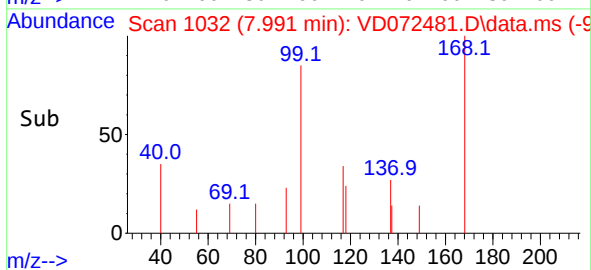
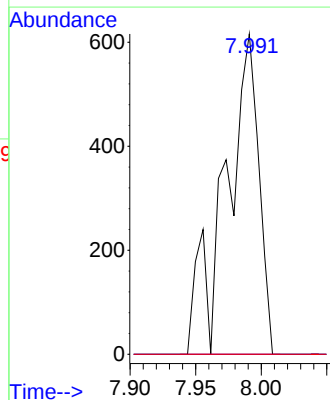
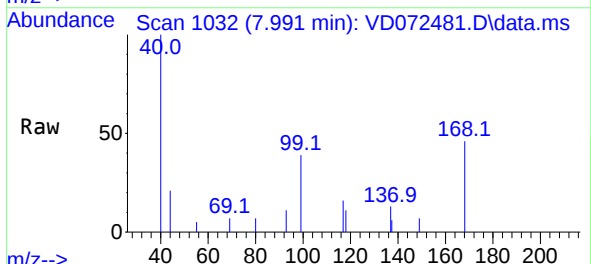
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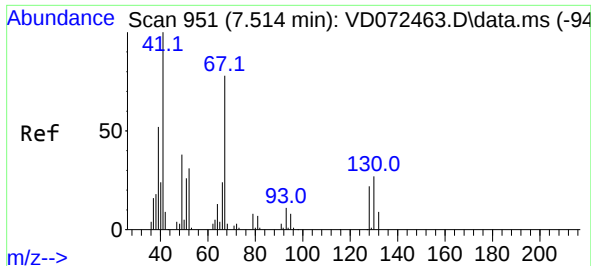
Tgt Ion:	43	Resp:	59
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	0.0	6.9	10.3#



#38
Carbon Tetrachloride
Concen: 7.801 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.100 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Tgt Ion:	117	Resp:	1105
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.5	36.7#

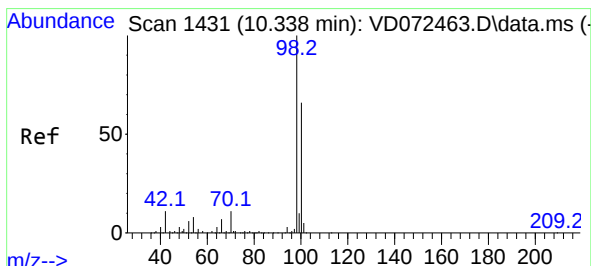
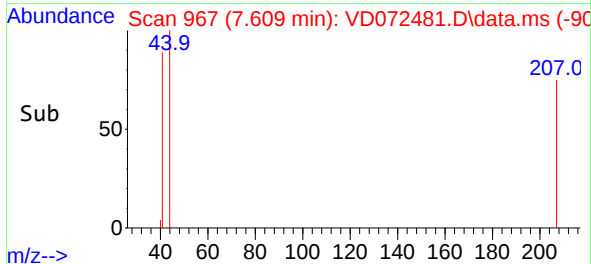
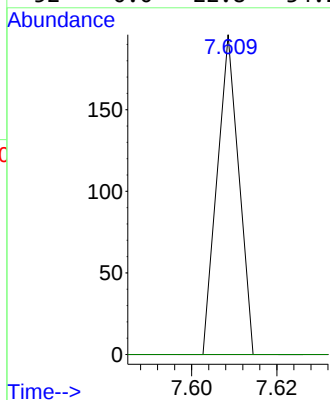
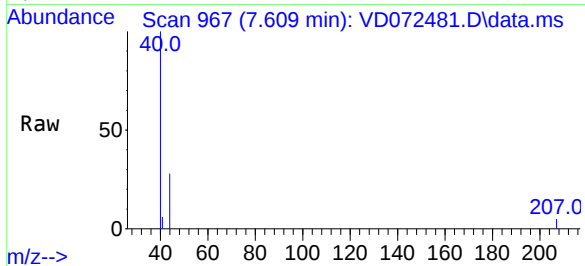




#41
Methacrylonitrile
Concen: 3.753 ug/l
RT: 7.609 min Scan# 91
Delta R.T. 0.095 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

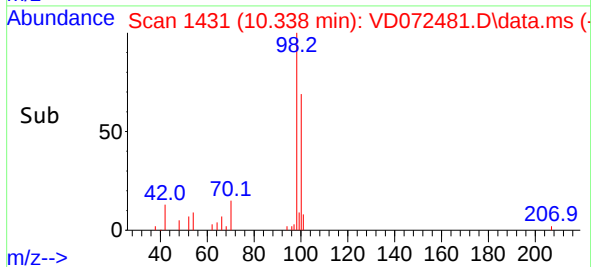
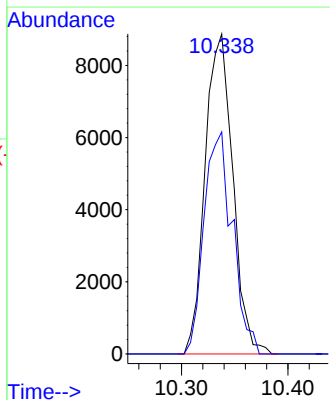
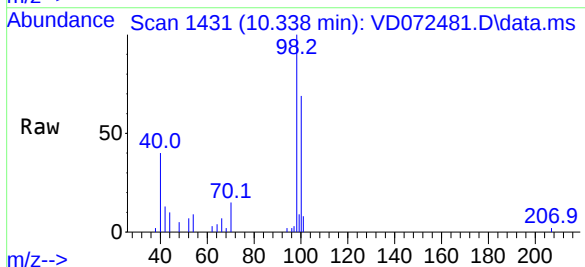
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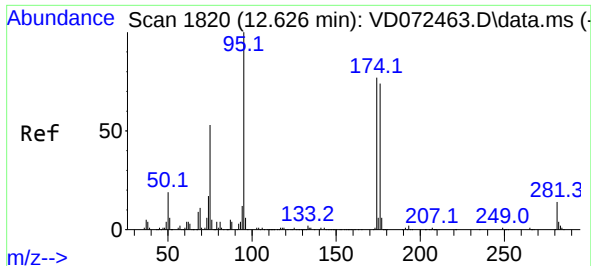
Tgt Ion:	41	Resp:	69
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	0.0	48.2	72.4#
52	0.0	22.8	34.2#



#50
Toluene-d8
Concen: 44.880 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Tgt Ion:	98	Resp:	16041
Ion	Ratio	Lower	Upper
98	100		
100	71.1	52.4	78.6

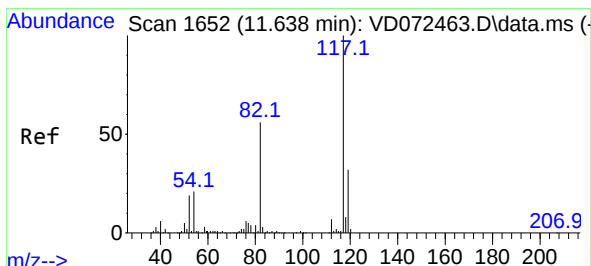
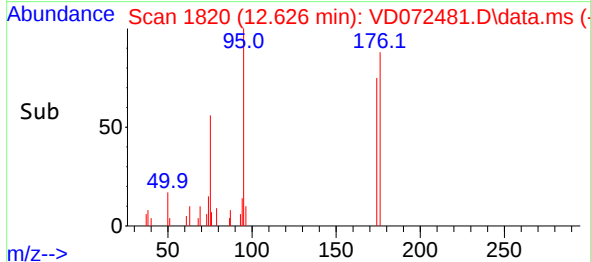
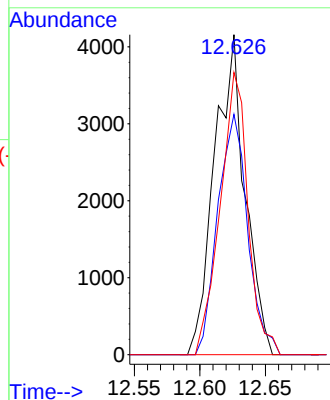
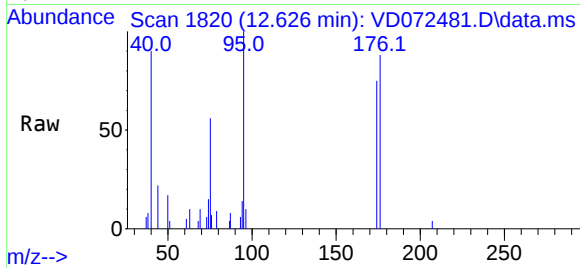




#62
4-Bromofluorobenzene
Concen: 48.242 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

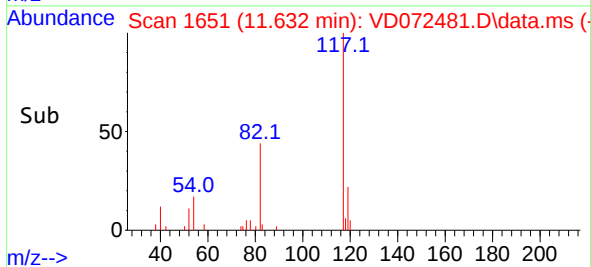
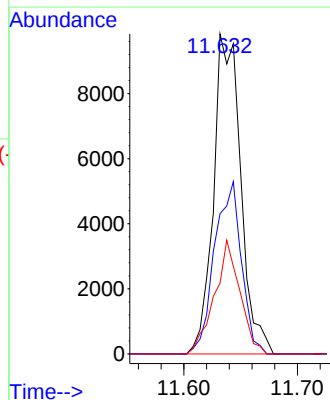
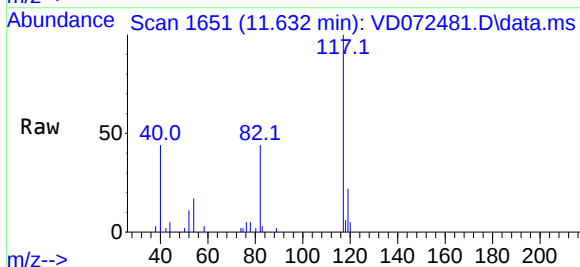
Instrument :
MSVOA_D
ClientSampleId :
HD-02-32422

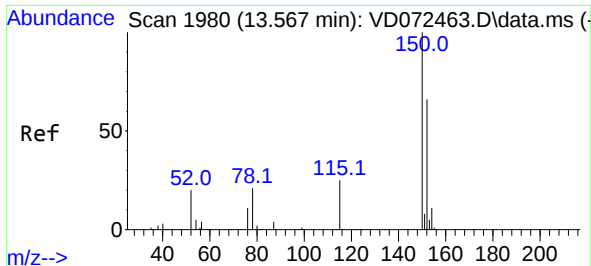
Tgt Ion: 95	Resp: 6734
Ion Ratio	Lower Upper
95 100	
174 73.8	0.0 152.8
176 80.2	0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Tgt	Ion:117	Resp:	16381
Ion	Ratio	Lower	Upper
117	100		
82	43.8	45.3	67.9#
119	22.2	26.6	40.0#

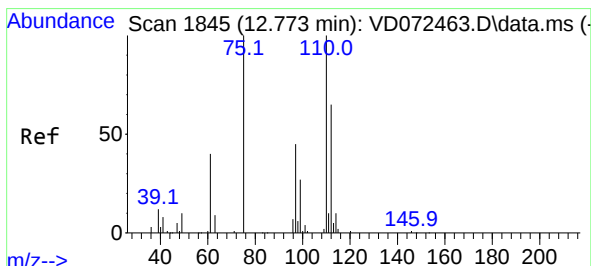
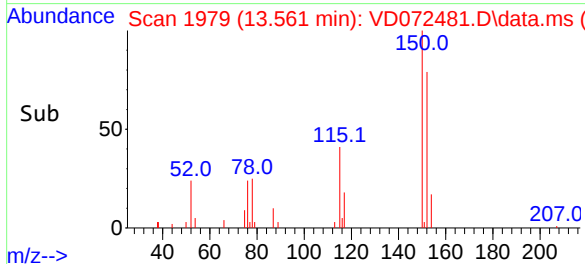
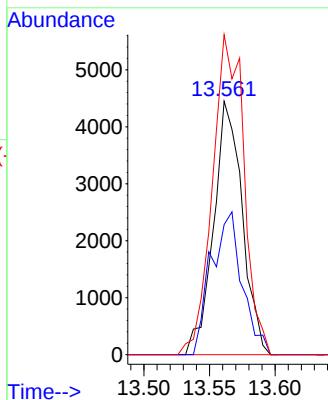
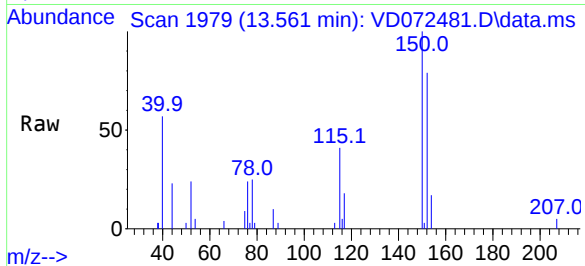




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

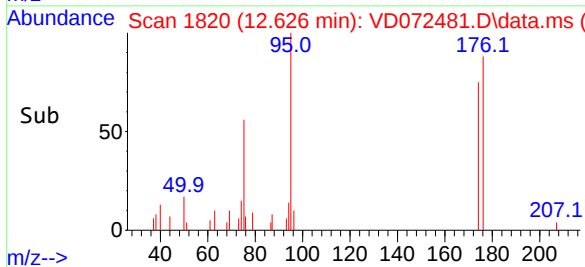
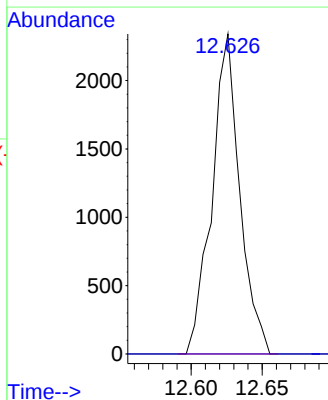
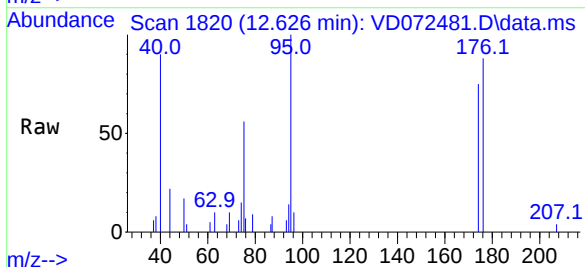
Instrument :
MSVOA_D
ClientSampleId :
HD-02-32422

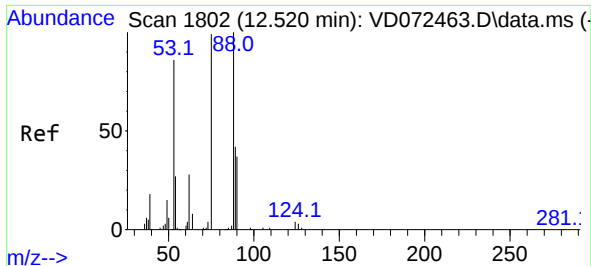
Tgt Ion:152 Resp: 6761
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 138.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 43.206 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Tgt Ion: 75 Resp: 3186
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

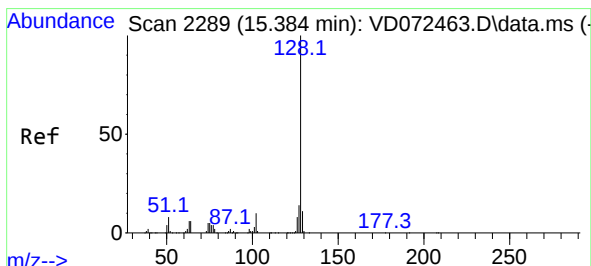
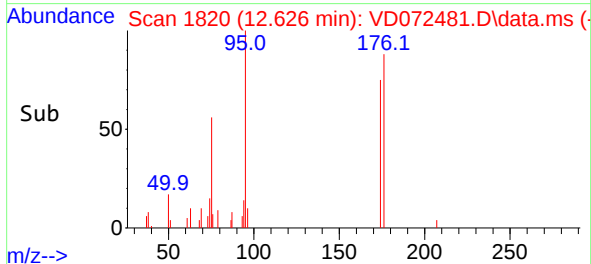
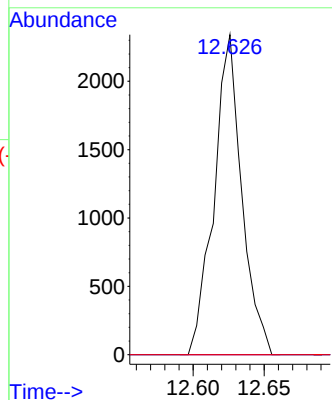
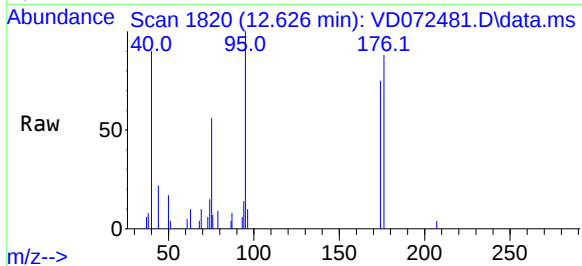




#81
trans-1,4-Dichloro-2-butene
Concen: 106.019 ug/l
RT: 12.626 min Scan# 1802
Delta R.T. 0.106 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
HD-02-32422

Tgt Ion: 75 Resp: 3186
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.106 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Tgt Ion:128 Resp: 298
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

