

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072876.D
 Acq On : 07 May 2022 04:23
 Operator : VA/SY
 Sample : N2703-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-28

Quant Time: May 09 01:20:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

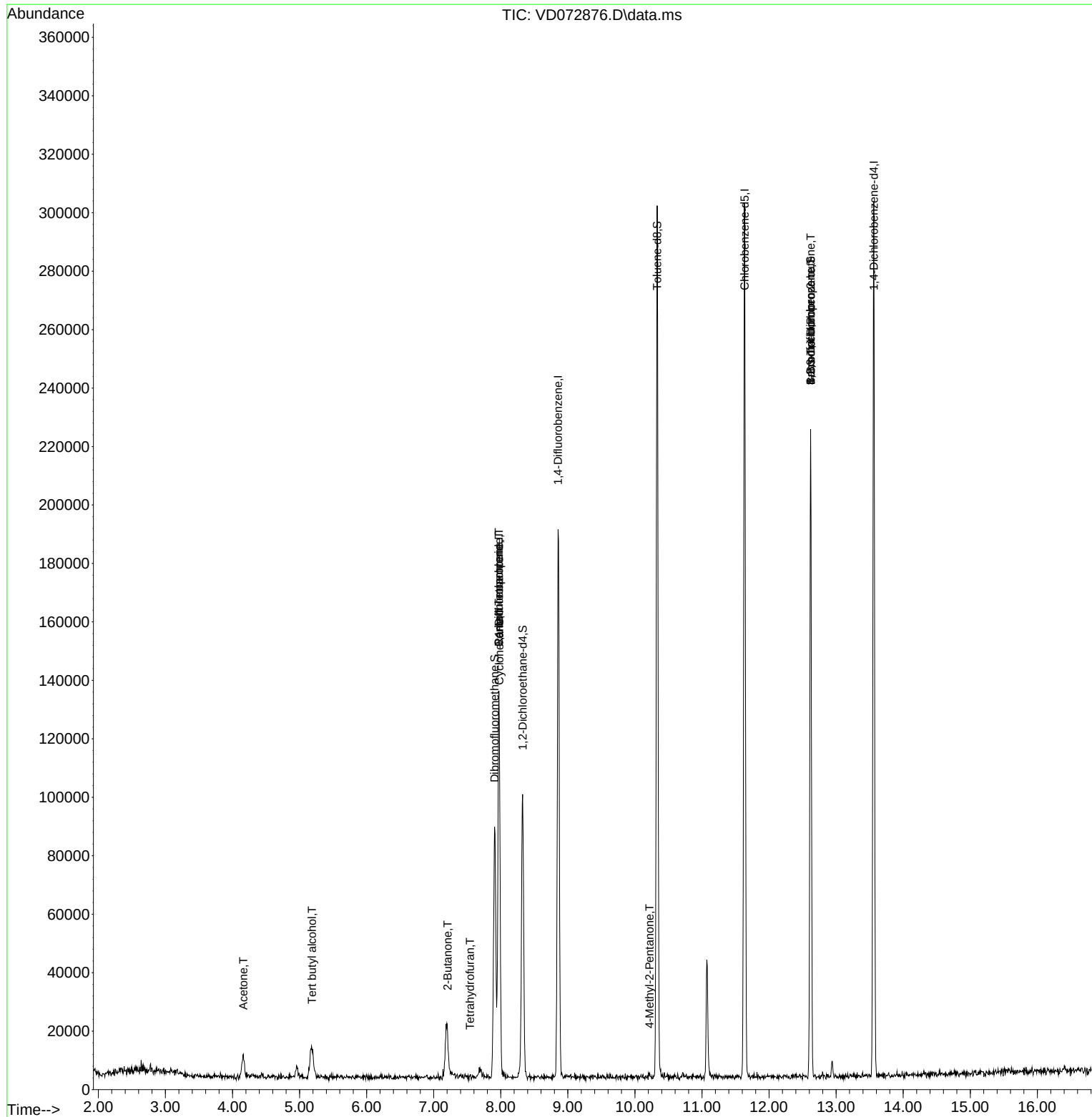
Internal Standards						
1) Pentafluorobenzene	7.973	168	90882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	154840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	172099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	76655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	77687	65.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.700%
35) Dibromofluoromethane	7.908	113	62767	57.719	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.440%
50) Toluene-d8	10.332	98	192699	49.400	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.620	95	73255	50.364	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	10065	98.609	ug/l #	74
16) Acetone	4.162	43	13112	48.123	ug/l	96
18) Methyl Acetate	4.750	43	55	Below Cal	#	55
20) Methylene Chloride	4.956	84	2389	Below Cal	#	68
25) 2-Butanone	7.208	43	1423	4.140	ug/l #	52
29) Tetrahydrofuran	7.544	42	237	1.082	ug/l #	38
31) Cyclohexane	7.979	56	2267	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	8093	4.577	ug/l #	53
38) Carbon Tetrachloride	7.973	117	10096	5.500	ug/l #	18
51) 4-Methyl-2-Pentanone	10.220	43	798	1.024	ug/l #	80
71) Bromoform	12.620	173	815	1.005	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	37740	44.153	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	37740	101.534	ug/l #	7

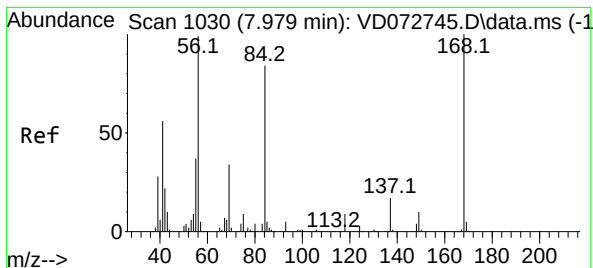
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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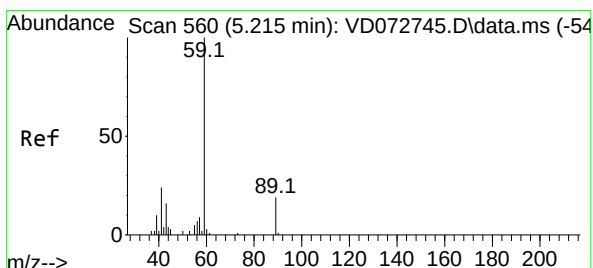
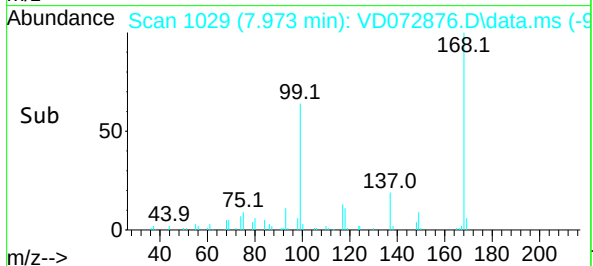
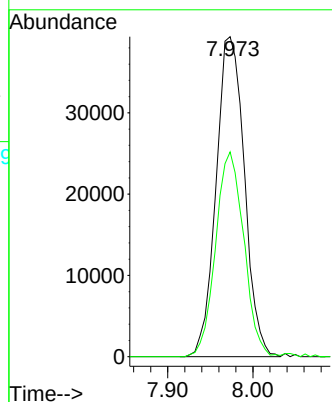
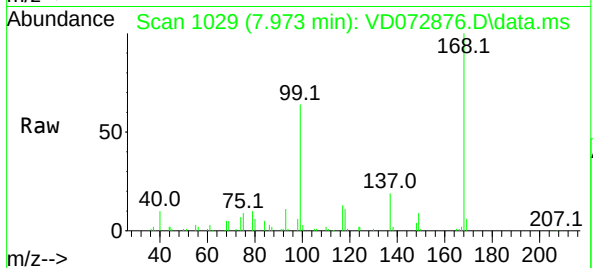




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

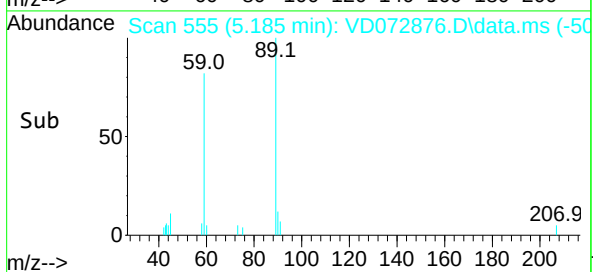
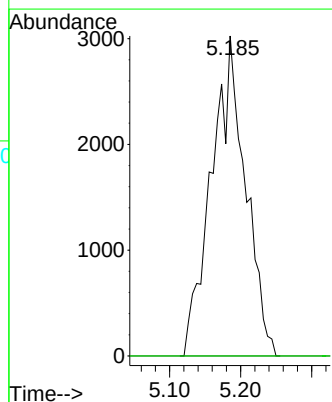
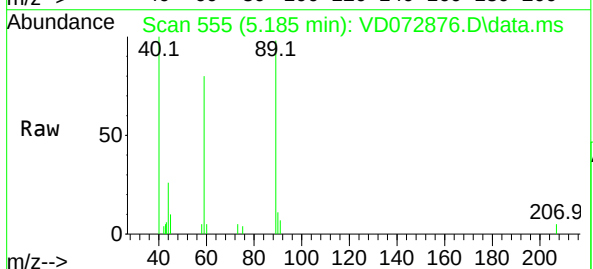
Instrument :
MSVOA_D
ClientSampleId :
TP-28

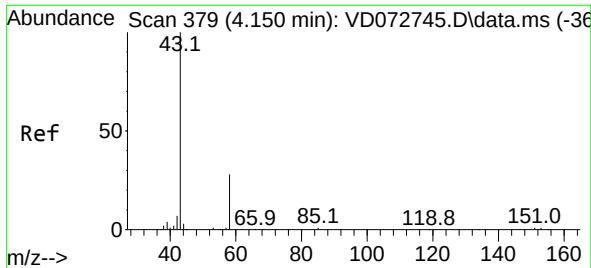
Tgt Ion:168 Resp: 90882
Ion Ratio Lower Upper
168 100
99 64.0 49.8 74.6



#11
Tert butyl alcohol
Concen: 98.609 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.030 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

Tgt Ion: 59 Resp: 10065
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

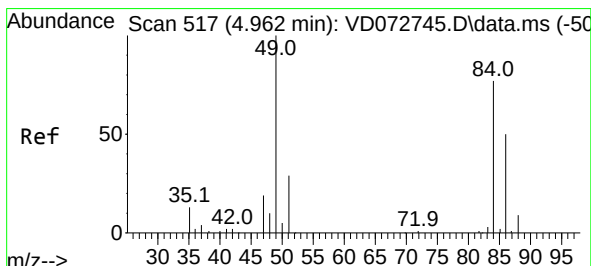
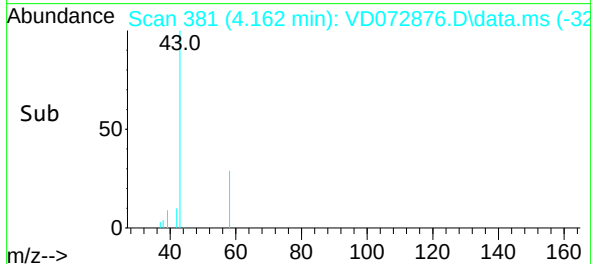
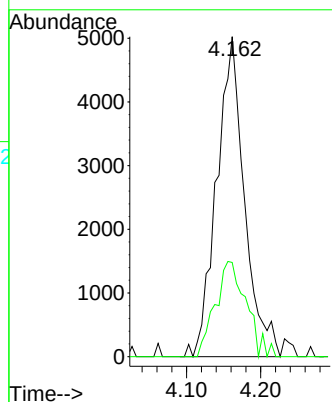
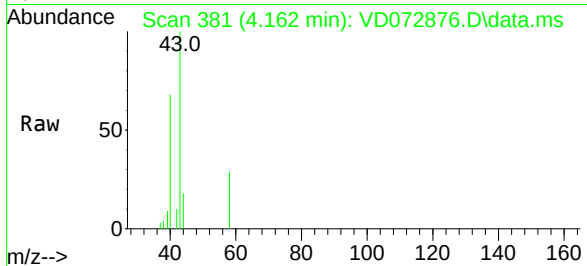




#16
Acetone
Concen: 48.123 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

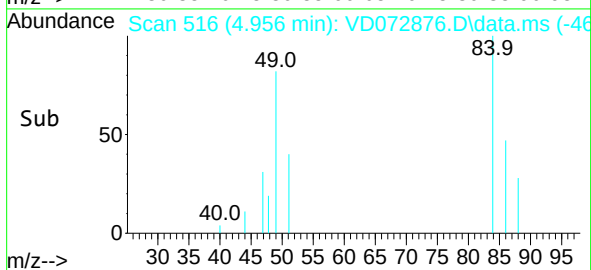
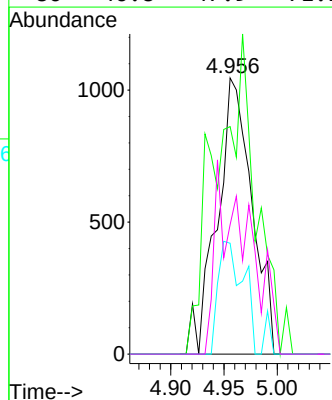
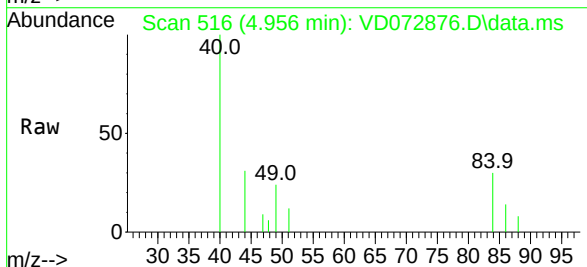
Instrument :
MSVOA_D
ClientSampleId :
TP-28

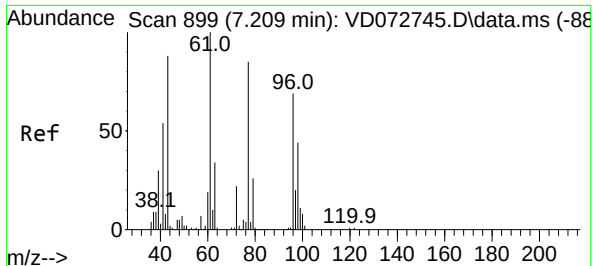
Tgt Ion: 43 Resp: 13112
Ion Ratio Lower Upper
43 100
58 29.5 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

Tgt Ion: 84 Resp: 2389
Ion Ratio Lower Upper
84 100
49 82.4 112.8 169.2#
51 40.2 32.6 48.8
86 46.8 47.9 71.9#





#25

2-Butanone

Concen: 4.140 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.001 min

Lab File: VD072876.D

Acq: 07 May 2022 04:23

Instrument :

MSVOA_D

ClientSampleId :

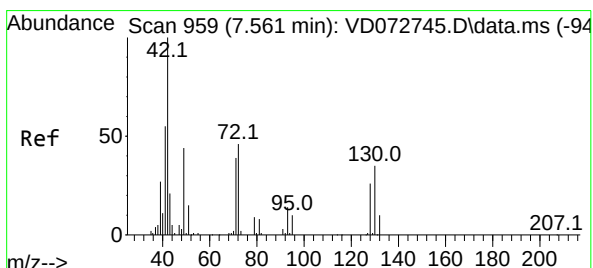
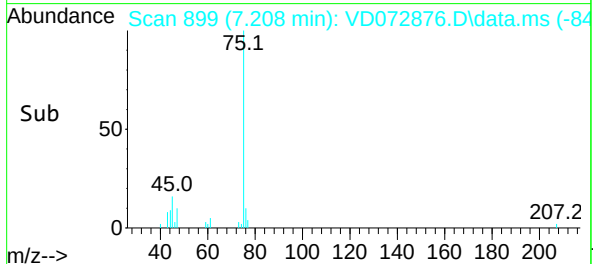
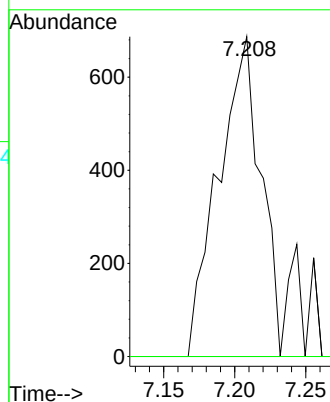
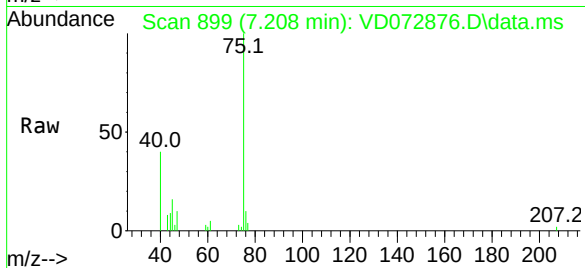
TP-28

Tgt Ion: 43 Resp: 1423

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#29

Tetrahydrofuran

Concen: 1.082 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.017 min

Lab File: VD072876.D

Acq: 07 May 2022 04:23

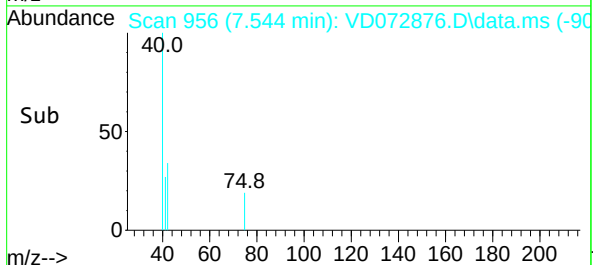
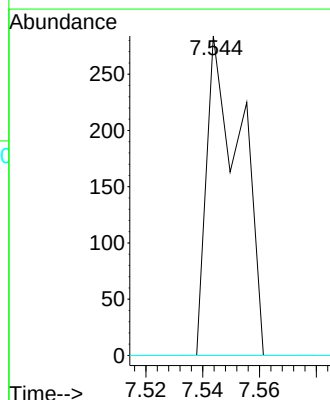
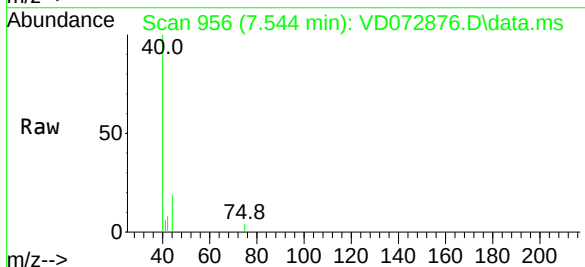
Tgt Ion: 42 Resp: 237

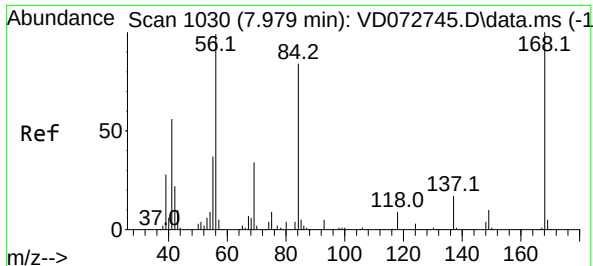
Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#





#31

Cyclohexane

Concen: 1.099 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072876.D

Acq: 07 May 2022 04:23

Instrument :

MSVOA_D

ClientSampleId :

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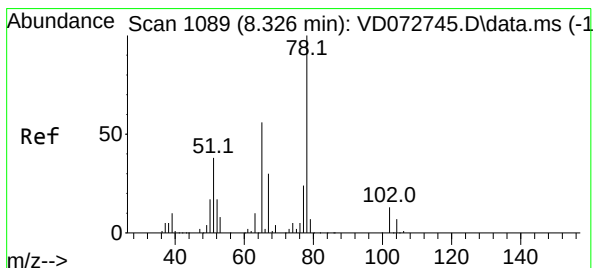
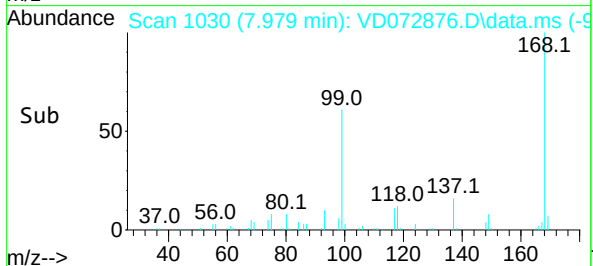
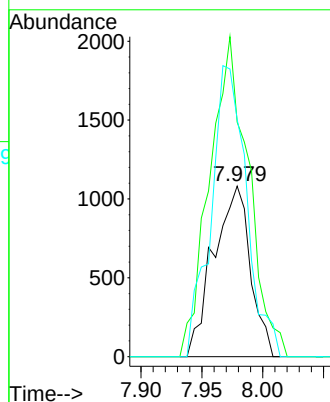
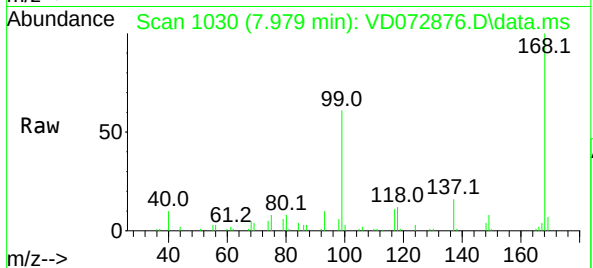
Tgt Ion: 56 Resp: 2267

Ion Ratio Lower Upper

56 100

69 137.6 25.4 38.2#

84 139.2 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 65.852 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072876.D

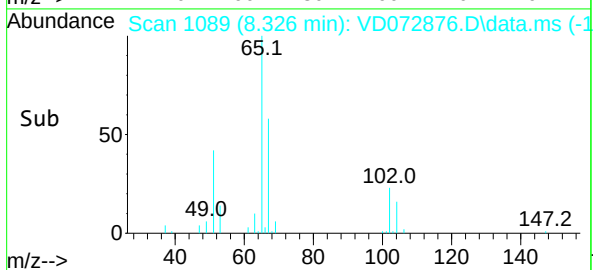
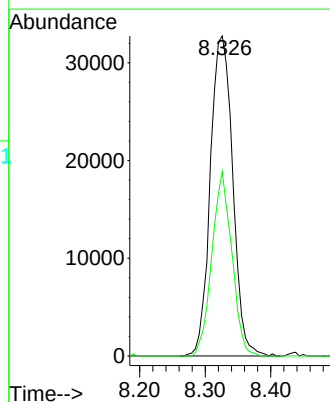
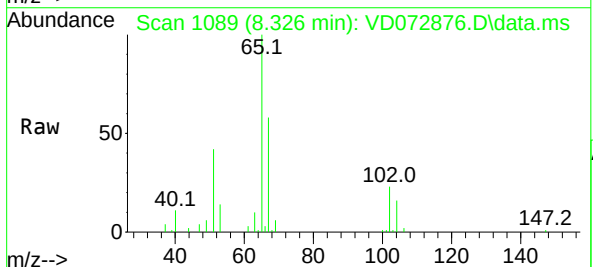
Acq: 07 May 2022 04:23

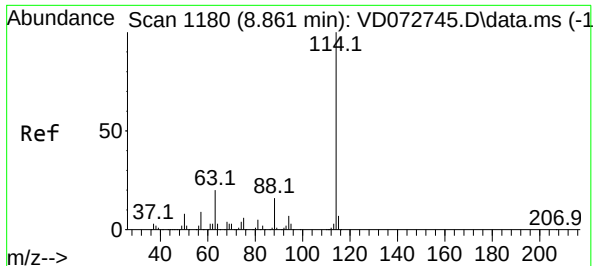
Tgt Ion: 65 Resp: 77687

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4

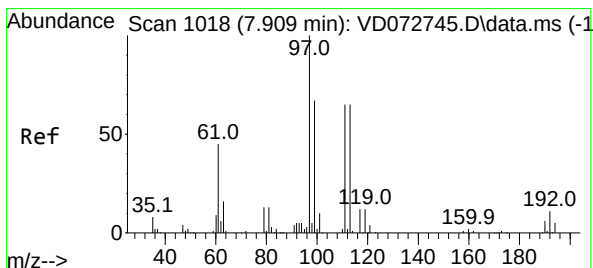
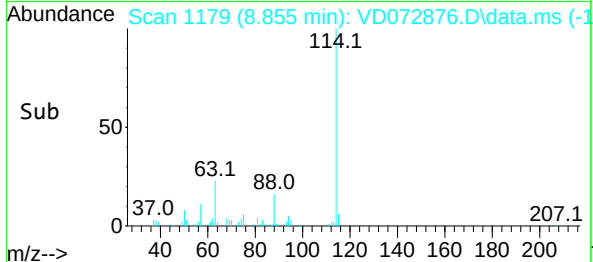
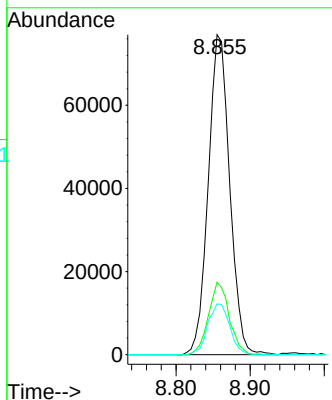
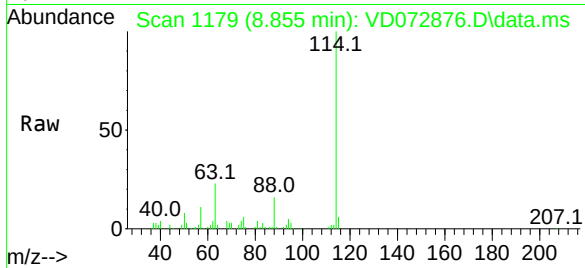




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

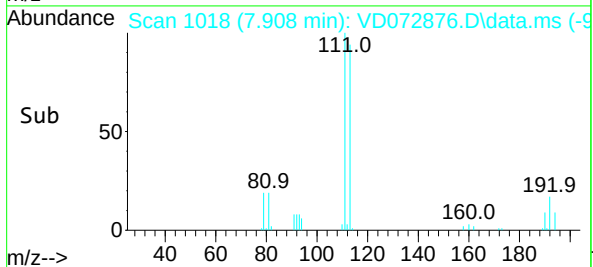
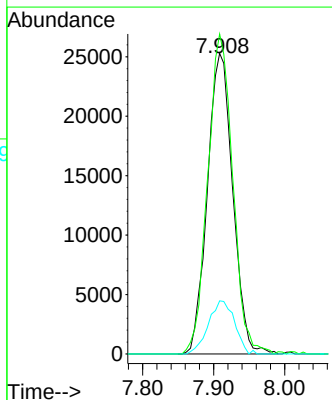
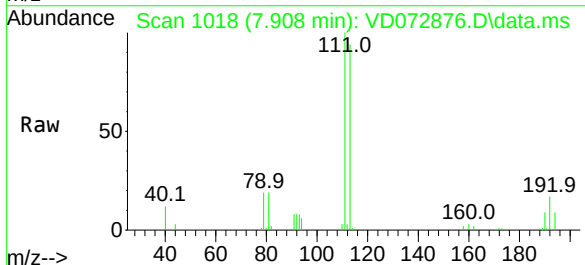
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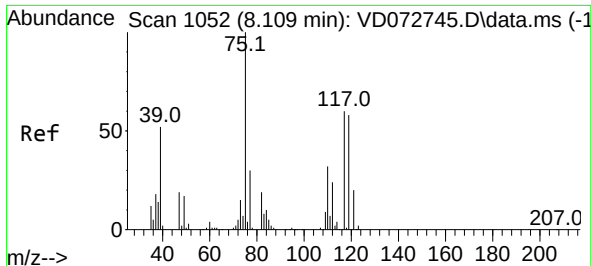
Tgt Ion:114 Resp: 154840
Ion Ratio Lower Upper
114 100
63 22.7 0.0 46.6
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 57.719 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

Tgt Ion:113 Resp: 62767
Ion Ratio Lower Upper
113 100
111 105.0 83.8 125.6
192 18.3 14.6 21.8

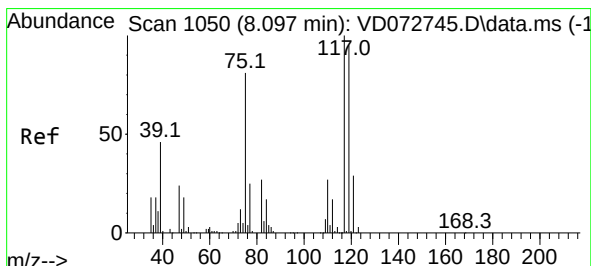
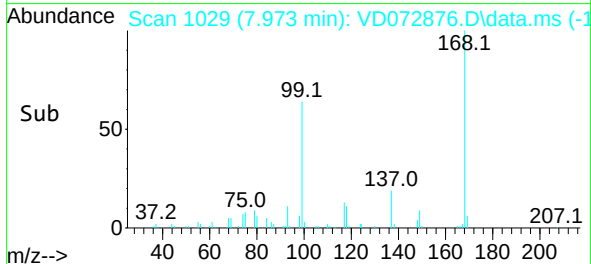
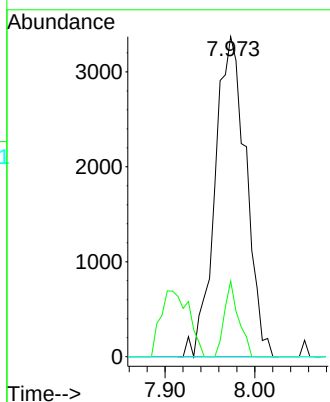
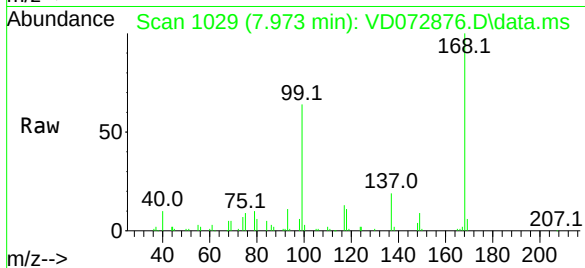




#36
1,1-Dichloropropene
Concen: 4.577 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

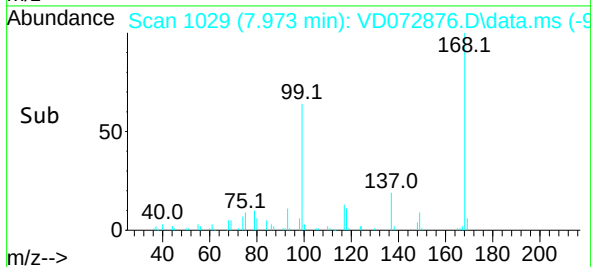
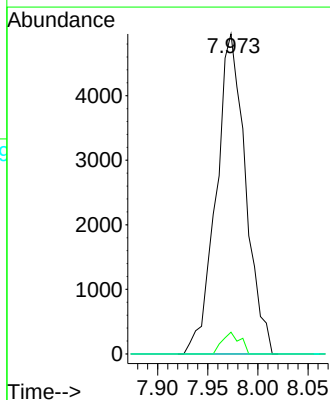
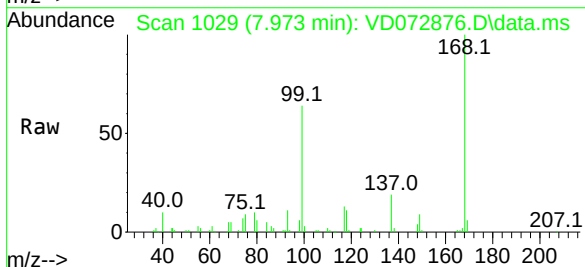
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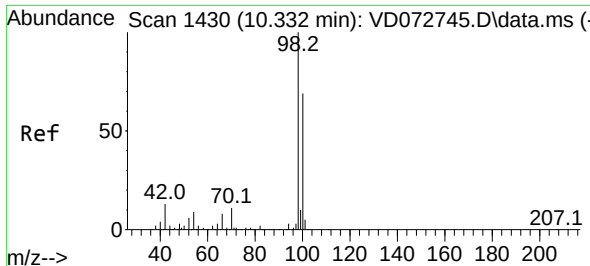
Tgt Ion: 75 Resp: 8093
Ion Ratio Lower Upper
75 100
110 10.8 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

Tgt Ion: 117 Resp: 10096
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.6#
121 0.0 24.5 36.7#

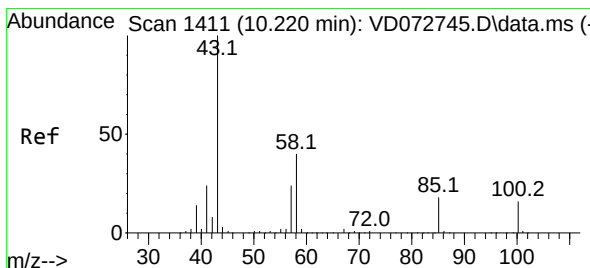
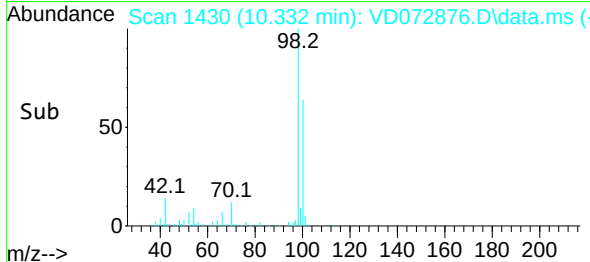
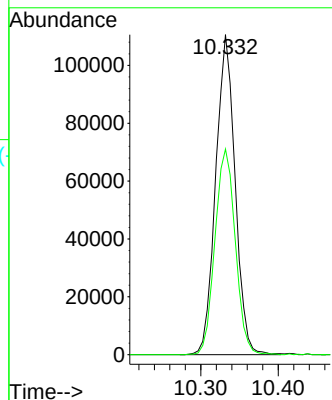
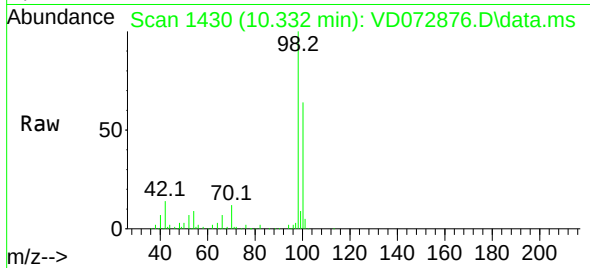




#50
Toluene-d8
Concen: 49.400 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

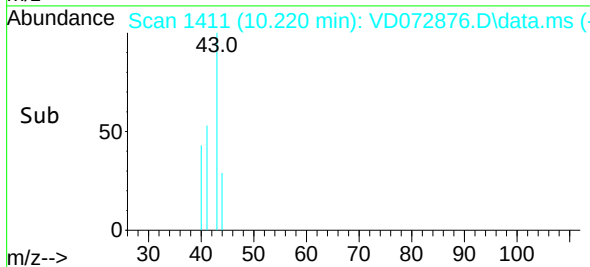
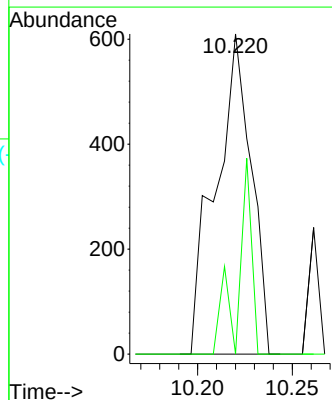
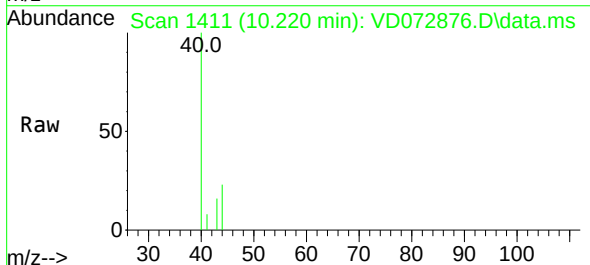
Instrument :
MSVOA_D
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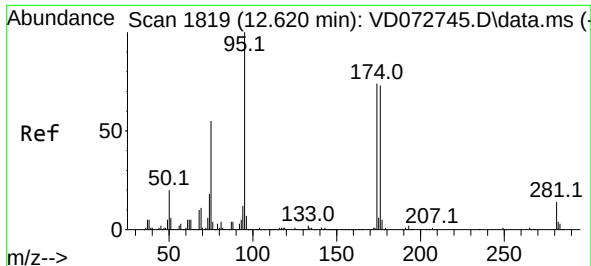
Tgt Ion: 98 Resp: 192699
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.024 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
58 23.9 28.6 43.0#

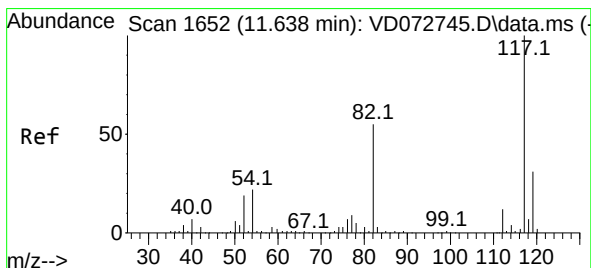
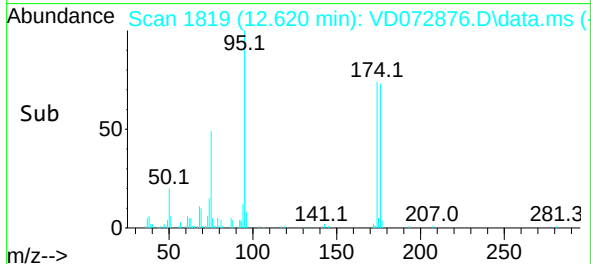
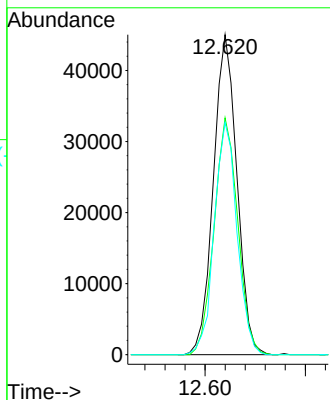
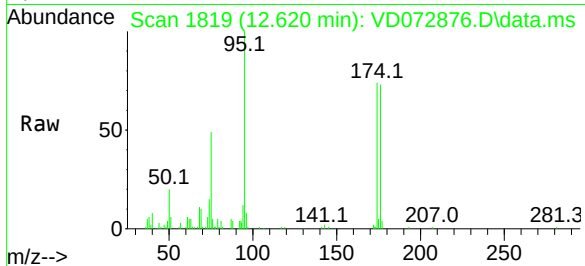




#62
4-Bromofluorobenzene
Concen: 50.364 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

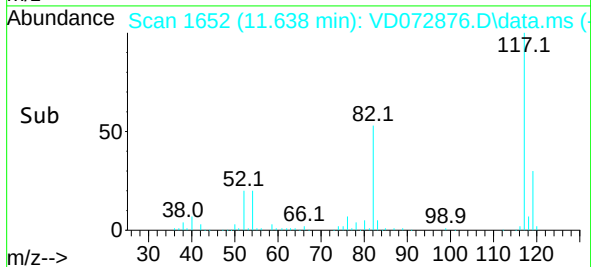
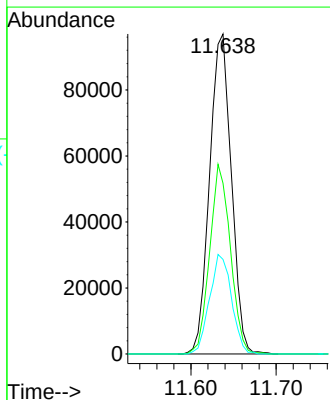
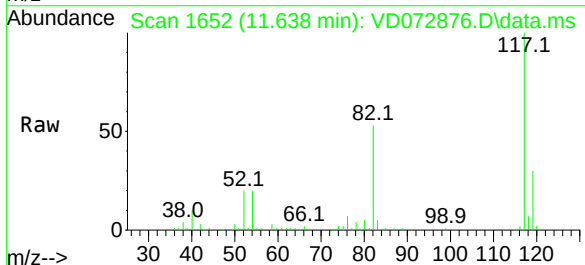
Instrument :
MSVOA_D
ClientSampleId :
TP-28

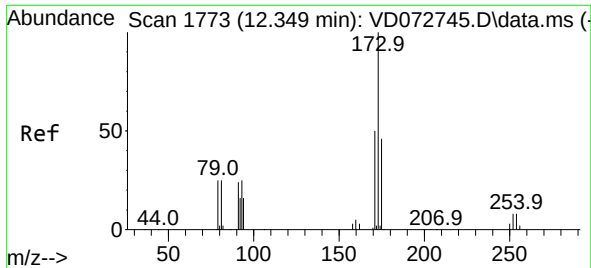
Tgt Ion: 95 Resp: 73255
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.8
176 70.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

Tgt Ion: 117 Resp: 172099
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 29.6 26.6 40.0

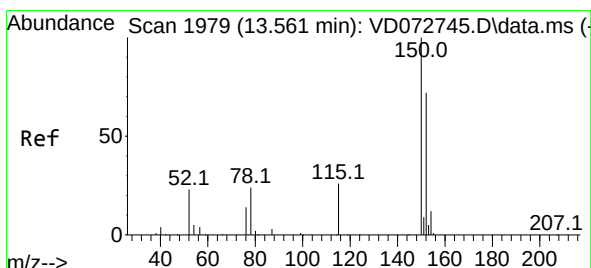
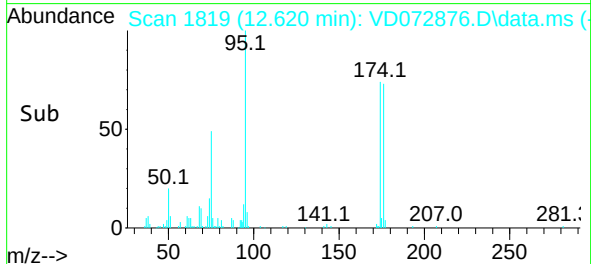
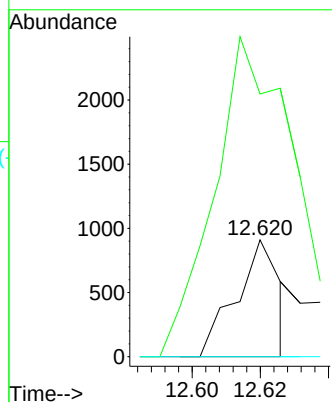
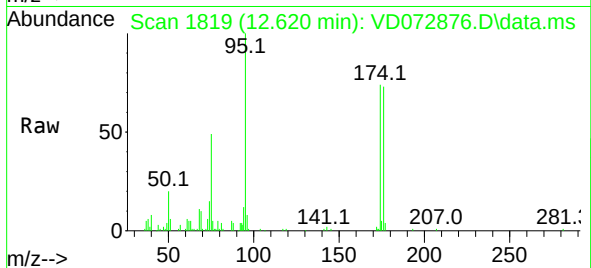




#71
Bromoform
Concen: 1.005 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

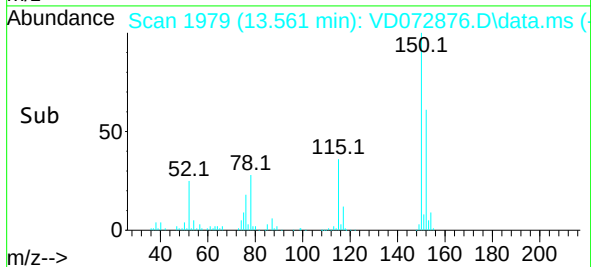
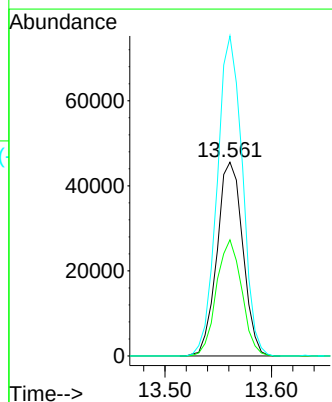
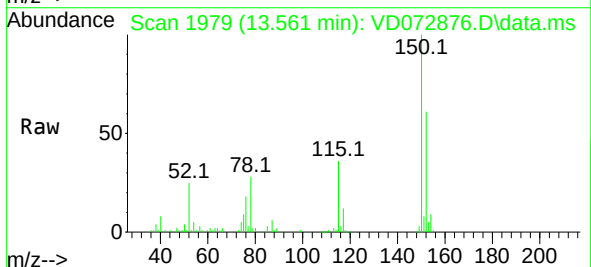
Instrument :
MSVOA_D
ClientSampleId :
TP-28

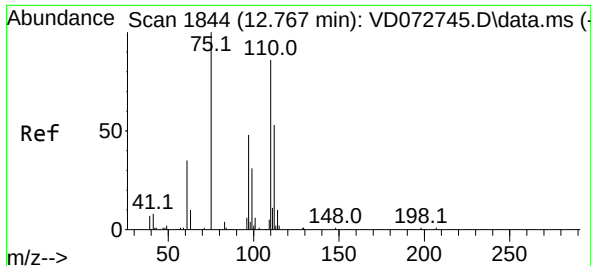
Tgt Ion:173 Resp: 815
Ion Ratio Lower Upper
173 100
175 311.9 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

Tgt Ion:152 Resp: 76655
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 161.4 0.0 348.6

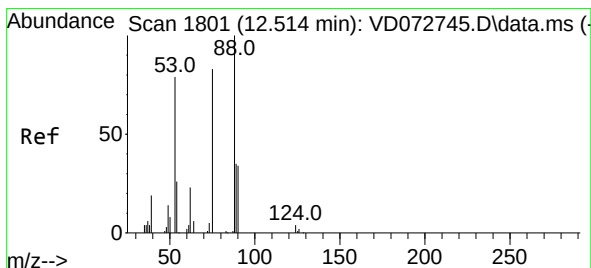
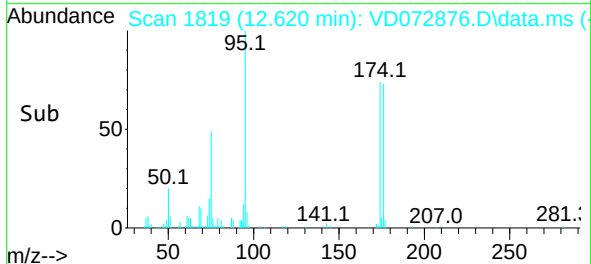
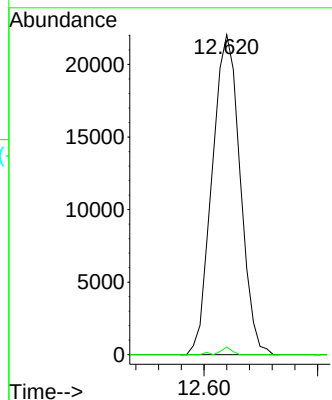
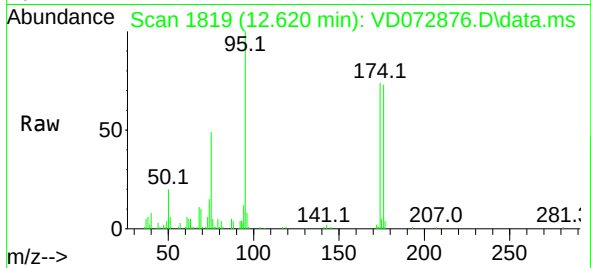




#76
1,2,3-Trichloropropane
Concen: 44.153 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

Instrument :
MSVOA_D
ClientSampleId :
TP-28

Tgt Ion: 75 Resp: 37740
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.534 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072876.D
Acq: 07 May 2022 04:23

Tgt Ion: 75 Resp: 37740
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

