

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077151.D
 Acq On : 19 Sep 2023 17:27
 Operator : JC/SY
 Sample : 04479-06
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 20 02:04:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

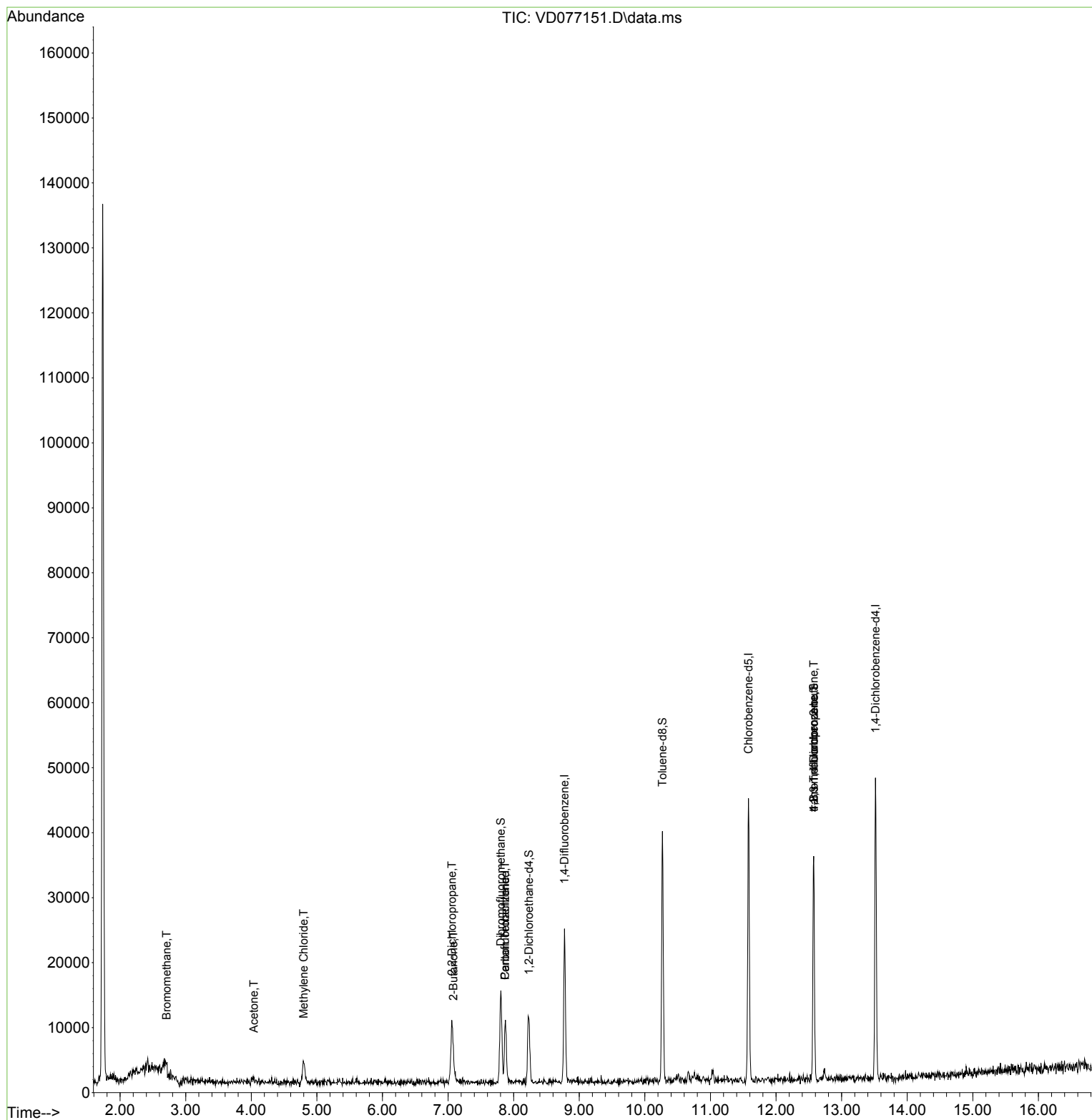
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

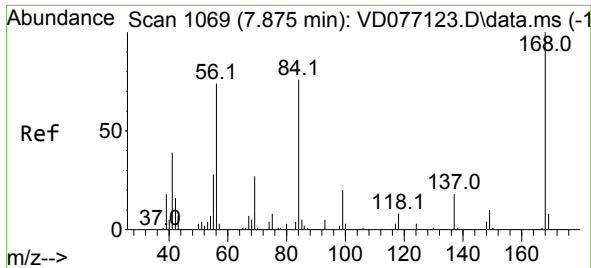
Internal Standards						
1) Pentafluorobenzene	7.869	168	8854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	20633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	27524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	12774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8986	100.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 201.120%#	
35) Dibromofluoromethane	7.804	113	10173	70.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.960%	
50) Toluene-d8	10.269	98	27067	53.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.120%	
62) 4-Bromofluorobenzene	12.575	95	11204	70.863	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 141.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.711	94	197	1.495	ug/l	95
16) Acetone	4.040	43	794	38.879	ug/l #	32
20) Methylene Chloride	4.799	84	2621	15.479	ug/l	87
25) 2-Butanone	7.081	43	77	2.866	ug/l #	37
26) 2,2-Dichloropropane	7.057	77	739	4.269	ug/l #	49
38) Carbon Tetrachloride	7.869	117	436	2.055	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	5702	55.960	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	5702	105.920	ug/l #	17

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

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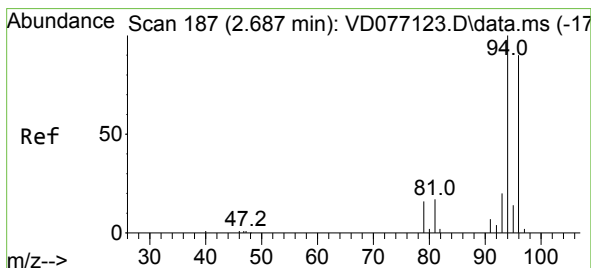
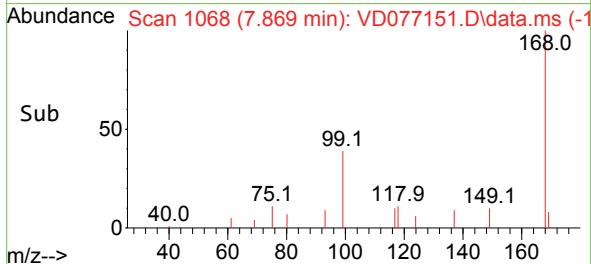
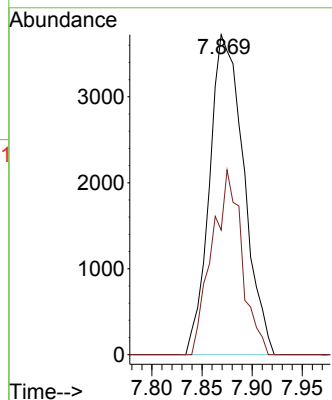
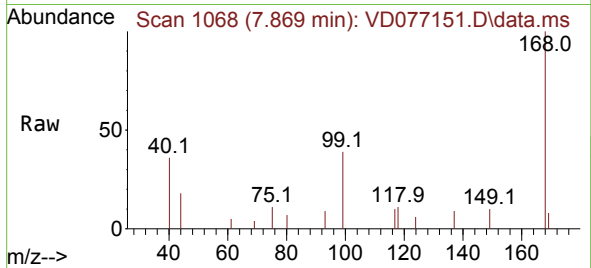
Quant Time: Sep 20 02:04:08 2023
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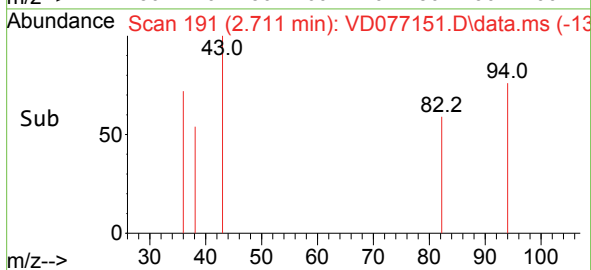
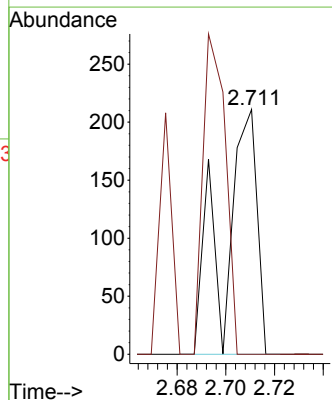
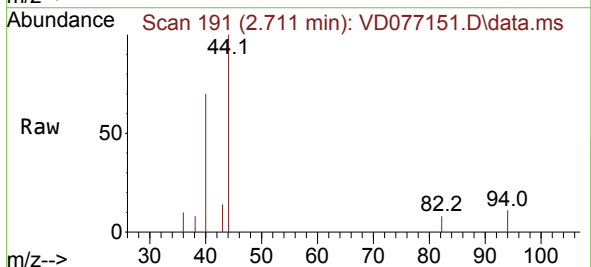
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

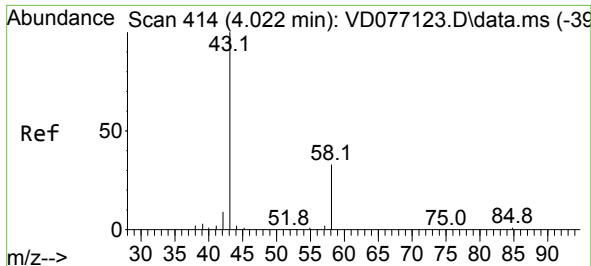
Tgt Ion:168 Resp: 8854
Ion Ratio Lower Upper
168 100
99 38.9 36.7 55.1



#5
Bromomethane
Concen: 1.495 ug/l
RT: 2.711 min Scan# 191
Delta R.T. 0.024 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

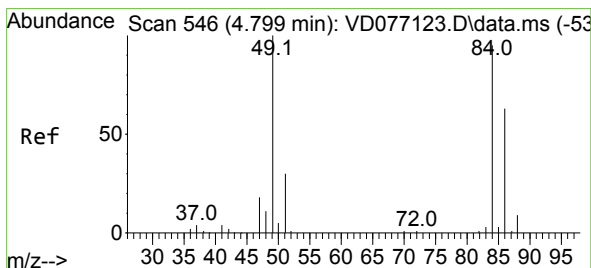
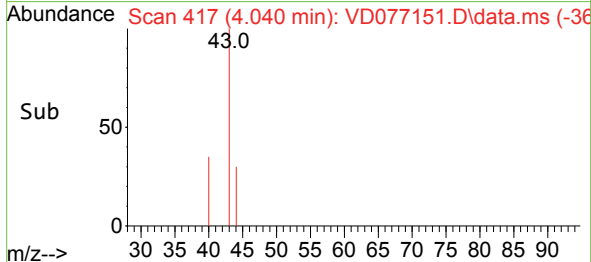
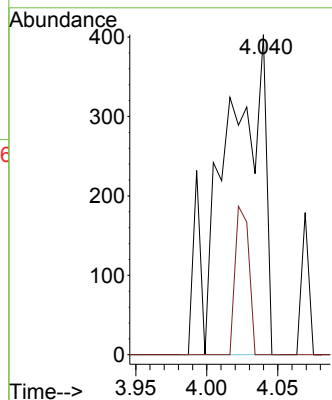
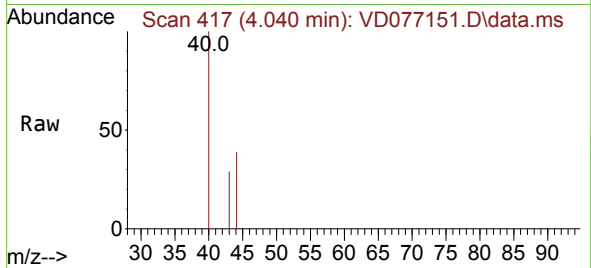
Tgt Ion: 94 Resp: 197
Ion Ratio Lower Upper
94 100
96 89.8 75.8 113.8





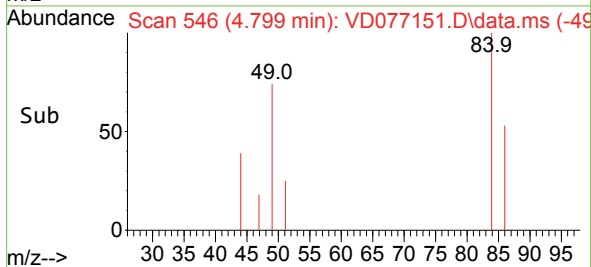
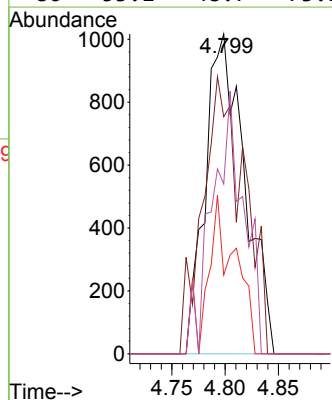
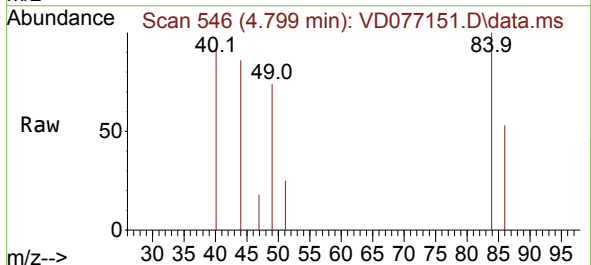
#16
Acetone
Concen: 38.879 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.018 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

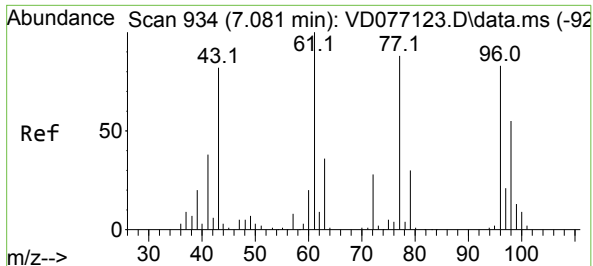
Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: 15.479 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

Tgt Ion: 84 Resp: 2621
Ion Ratio Lower Upper
84 100
49 74.1 71.4 107.2
51 24.7 24.5 36.7
86 53.1 48.7 73.1





#25

2-Butanone

Concen: 2.866 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD077151.D

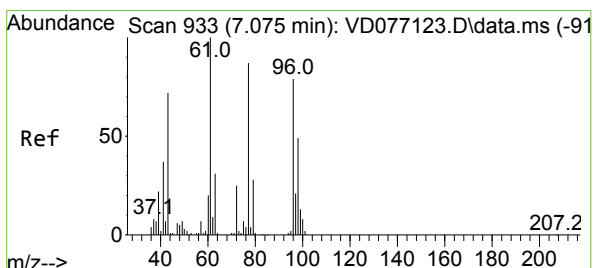
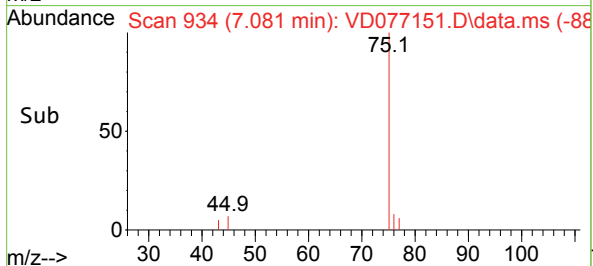
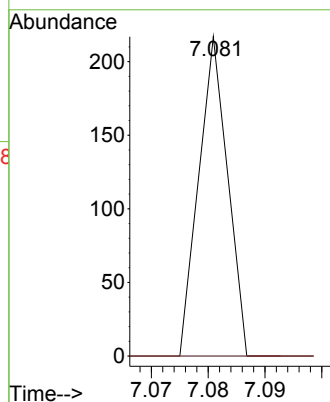
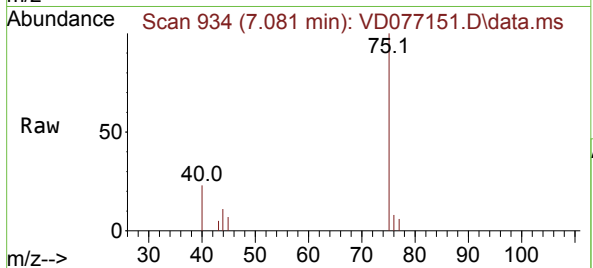
Acq: 19 Sep 2023 17:27

Tgt Ion: 43 Resp: 77

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 4.269 ug/l

RT: 7.057 min Scan# 930

Delta R.T. -0.018 min

Lab File: VD077151.D

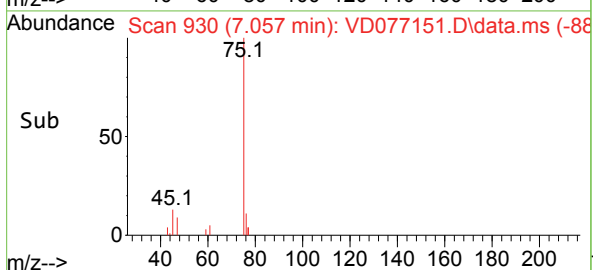
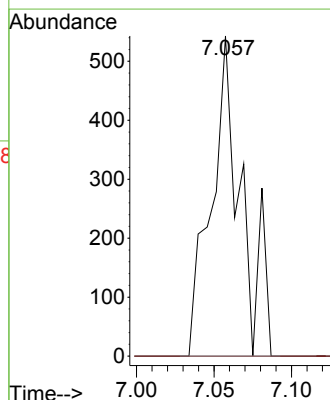
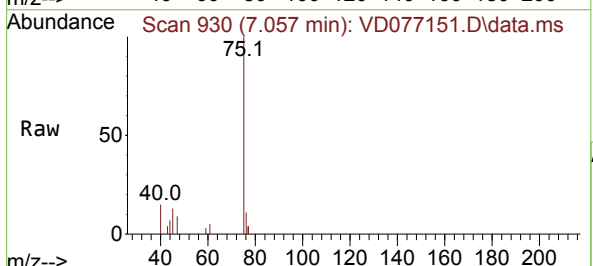
Acq: 19 Sep 2023 17:27

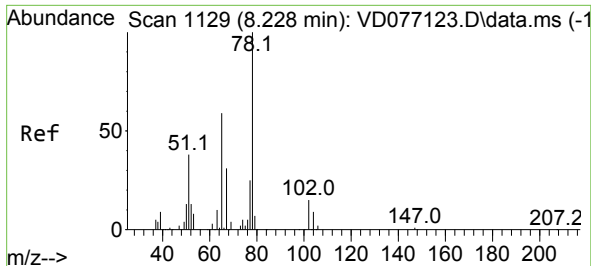
Tgt Ion: 77 Resp: 739

Ion Ratio Lower Upper

77 100

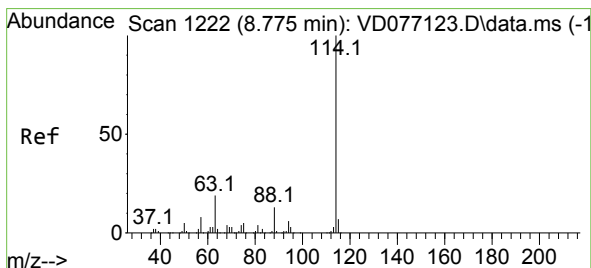
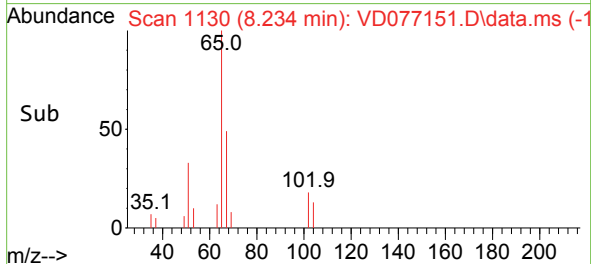
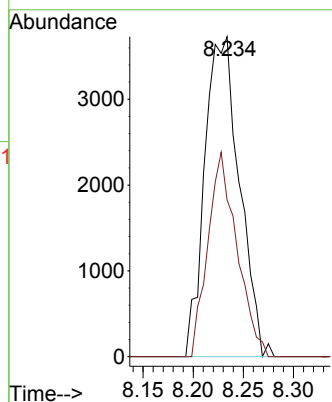
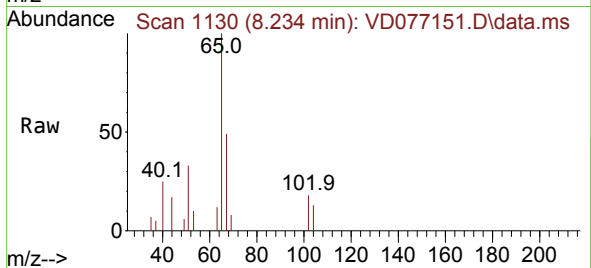
97 0.0 13.2 39.6#





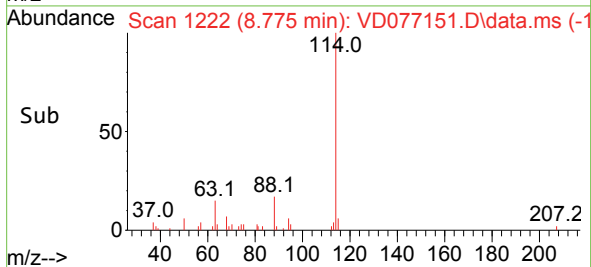
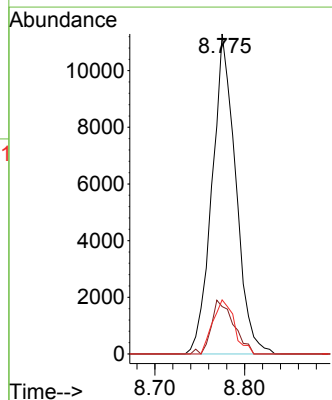
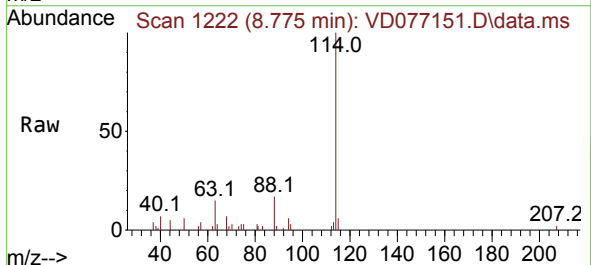
#33
1,2-Dichloroethane-d4
Concen: 100.564 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

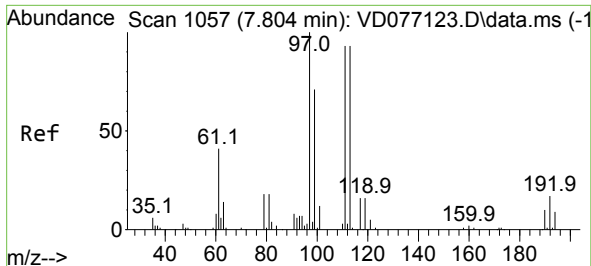
Tgt Ion: 65 Resp: 8986
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

Tgt Ion: 114 Resp: 20633
Ion Ratio Lower Upper
114 100
63 14.8 0.0 33.4
88 16.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 70.983 ug/l

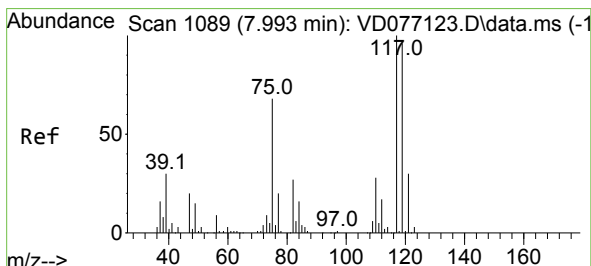
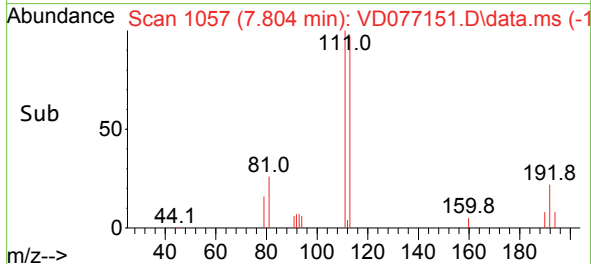
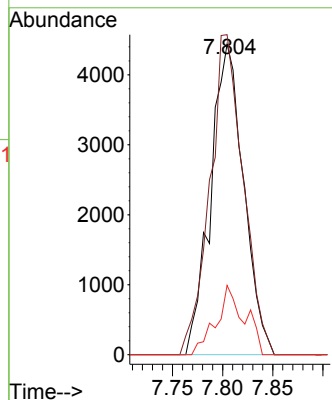
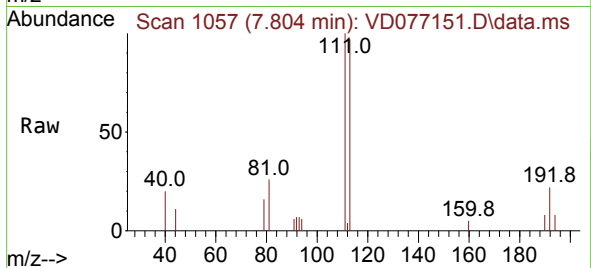
RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077151.D

Acq: 19 Sep 2023 17:27

Tgt Ion:	113	Resp:	10173
Ion	Ratio	Lower	Upper
113	100		
111	104.1	84.7	127.1
192	19.0	16.8	25.2



#38

Carbon Tetrachloride

Concen: 2.055 ug/l

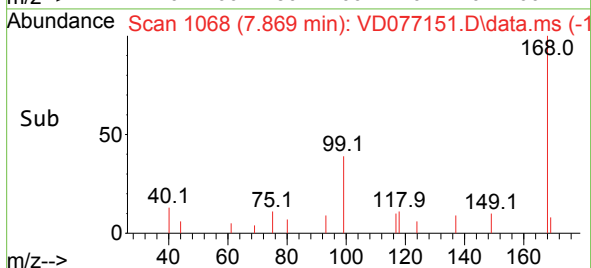
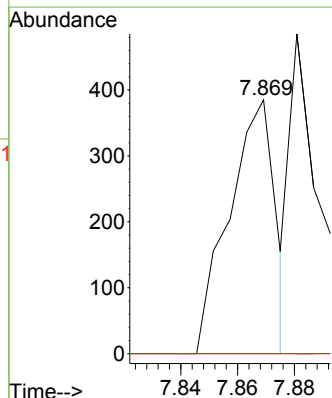
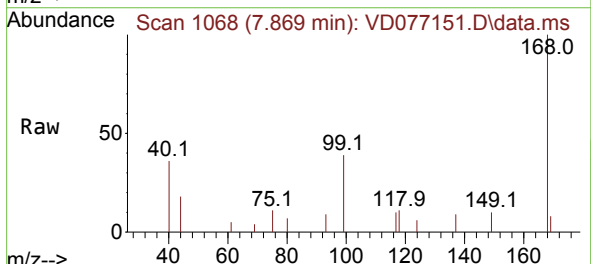
RT: 7.869 min Scan# 1068

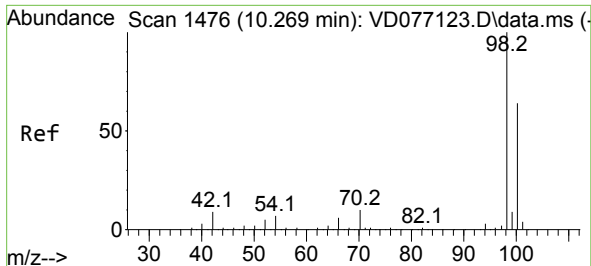
Delta R.T. -0.123 min

Lab File: VD077151.D

Acq: 19 Sep 2023 17:27

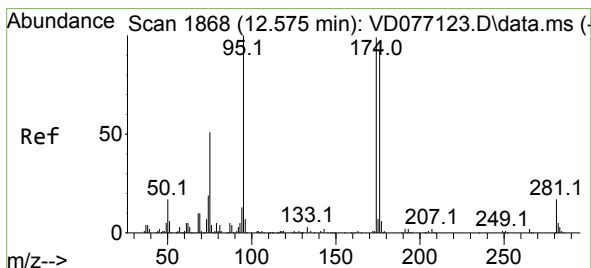
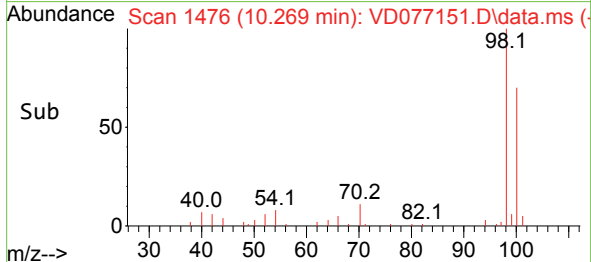
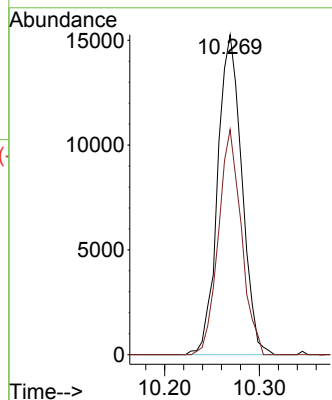
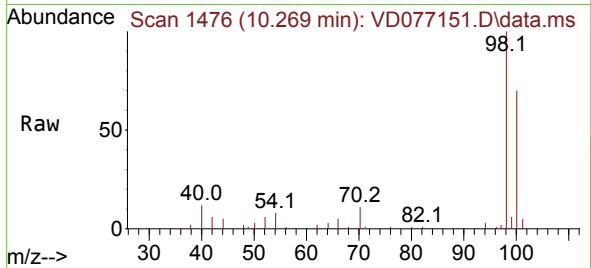
Tgt Ion:	117	Resp:	436
Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.0	117.0#
121	0.0	24.2	36.2#





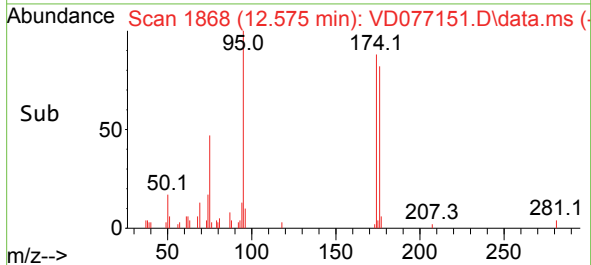
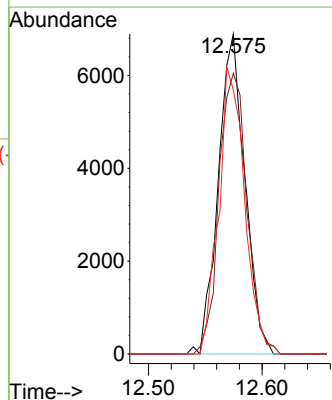
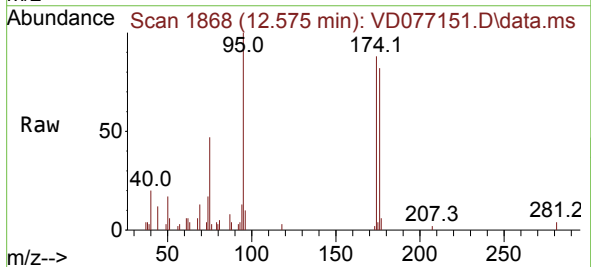
#50
Toluene-d8
Concen: 53.060 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

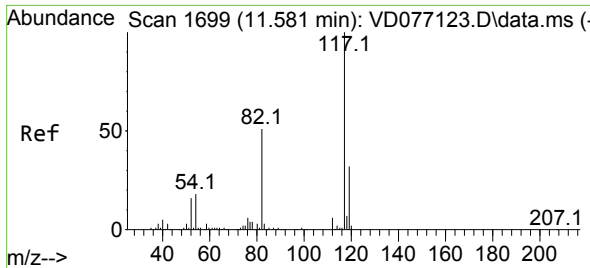
Tgt Ion: 98 Resp: 27067
Ion Ratio Lower Upper
98 100
100 66.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 70.863 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

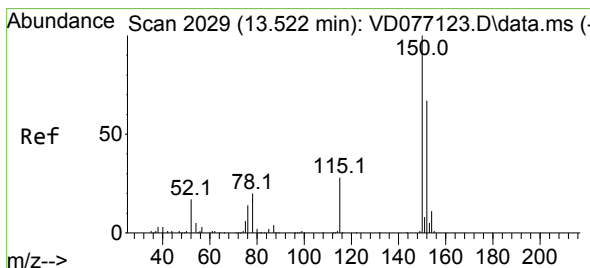
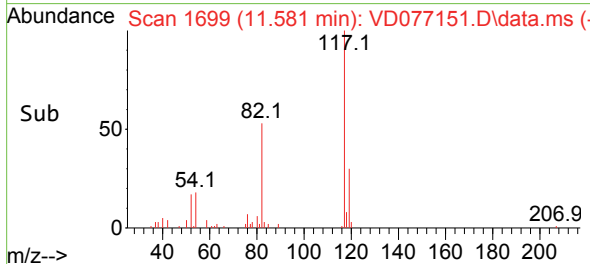
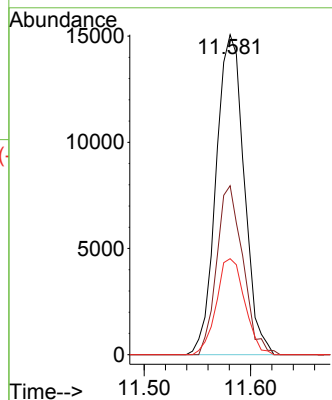
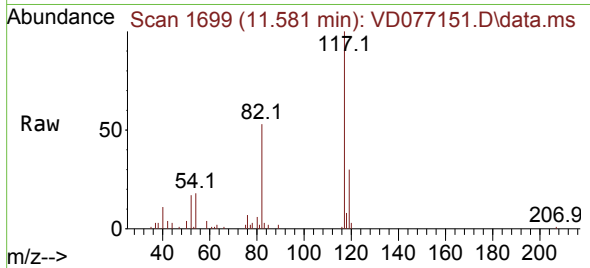
Tgt Ion: 95 Resp: 11204
Ion Ratio Lower Upper
95 100
174 92.6 0.0 201.8
176 87.7 0.0 191.8





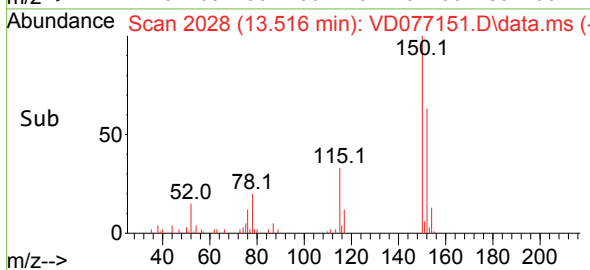
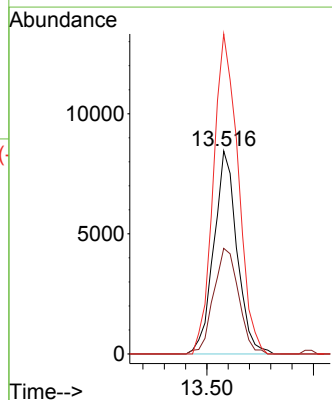
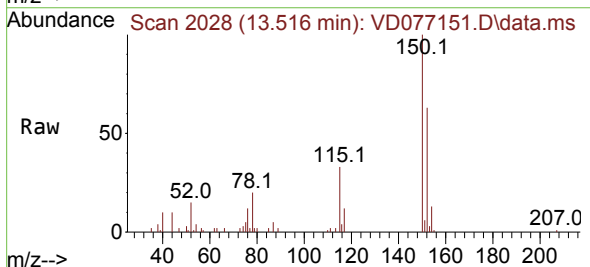
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

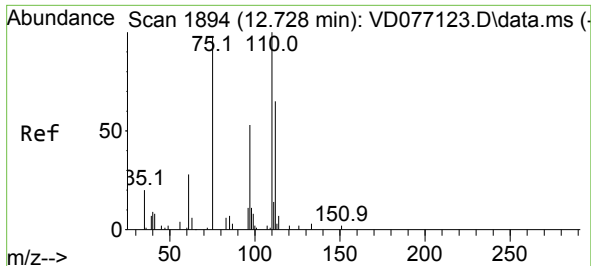
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	38.3	57.5
119	30.0	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

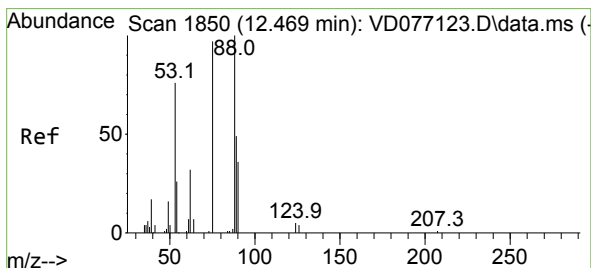
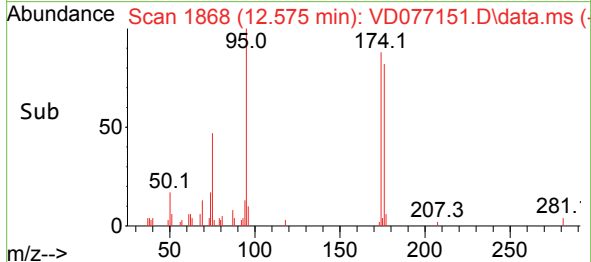
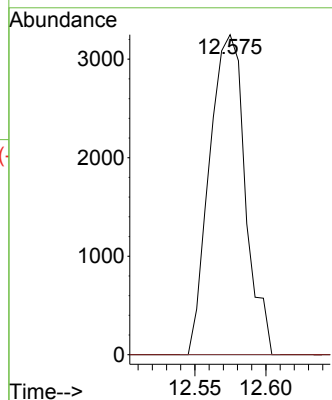
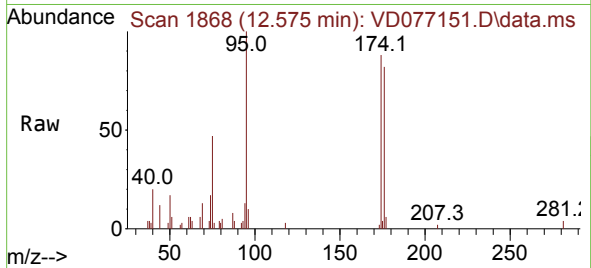
Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.1	81.3
150	168.2	0.0	353.6





#76
1,2,3-Trichloropropane
Concen: 55.960 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

Tgt Ion: 75 Resp: 5702
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 105.920 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

Tgt Ion: 75 Resp: 5702
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

