

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077126.D
 Acq On : 18 Sep 2023 13:08
 Operator : JC/SY
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 04:54:01 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)

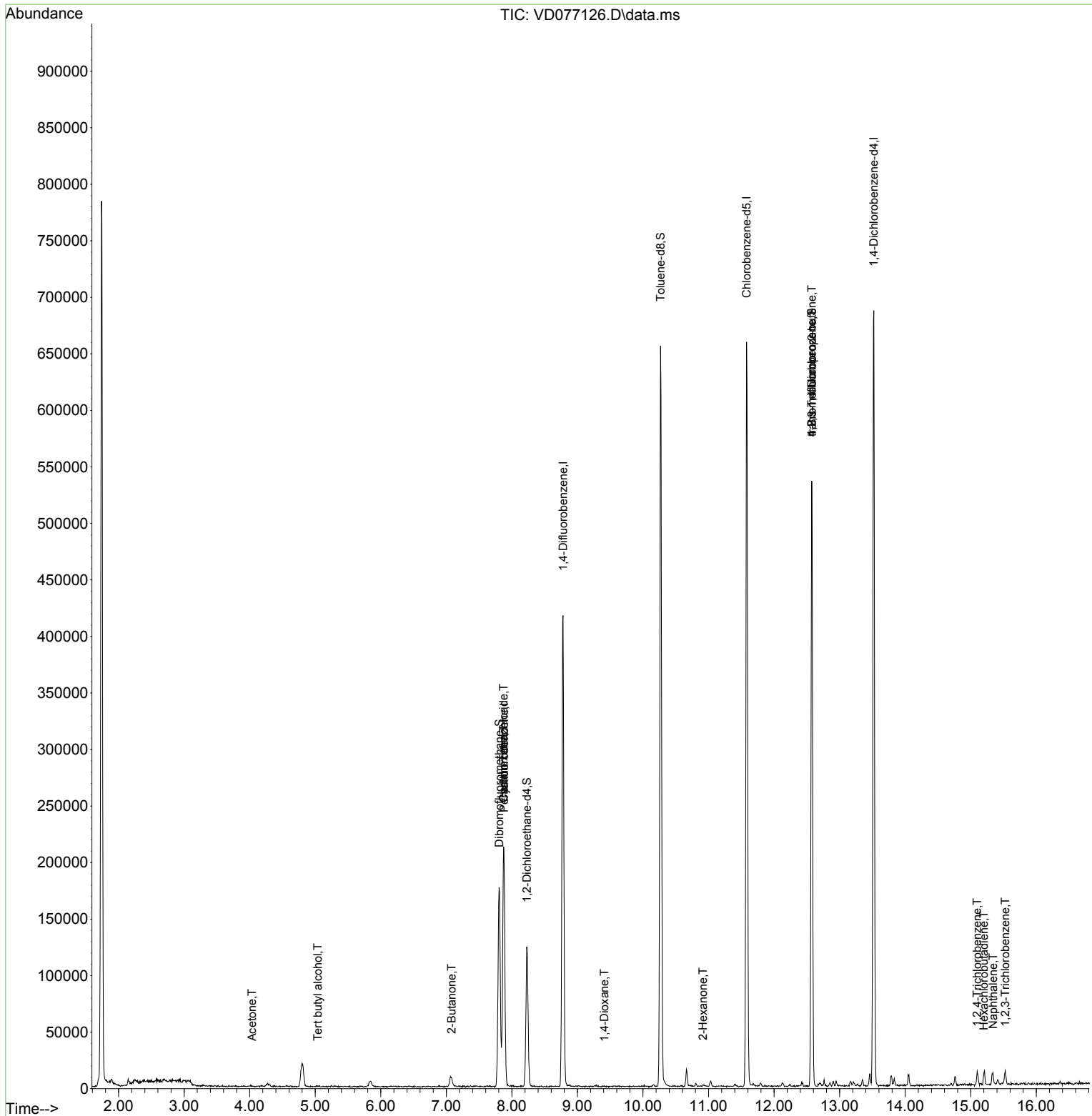
Internal Standards						
1) Pentafluorobenzene	7.881	168	174061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	386462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	407471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	194729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94362	53.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.440%
35) Dibromofluoromethane	7.810	113	130041	48.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.880%
50) Toluene-d8	10.269	98	465955	48.767	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.574	95	160924	54.340	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.040	59	235	2.346	ug/l #	73
16) Acetone	4.034	43	844	2.102	ug/l #	35
25) 2-Butanone	7.081	43	1017	1.925	ug/l #	37
31) Cyclohexane	7.875	56	3707	1.206	ug/l #	69
38) Carbon Tetrachloride	7.875	117	17358	4.369	ug/l #	17
49) 1,4-Dioxane	9.410	88	68	4.267	ug/l #	33
59) 2-Hexanone	10.916	43	1074	1.002	ug/l	86
76) 1,2,3-Trichloropropane	12.574	75	82629	53.196	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	82629	100.689	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.098	180	4086	1.048	ug/l	95
94) Hexachlorobutadiene	15.198	225	2169	1.050	ug/l	95
95) Naphthalene	15.339	128	10542	1.475	ug/l	96
96) 1,2,3-Trichlorobenzene	15.527	180	4742	1.369	ug/l	100

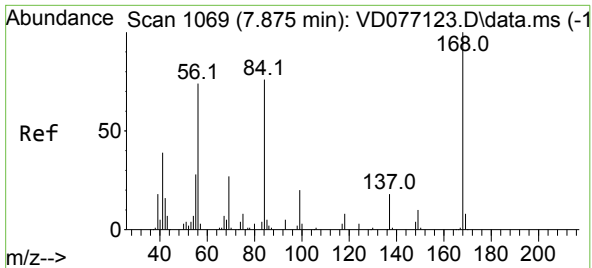
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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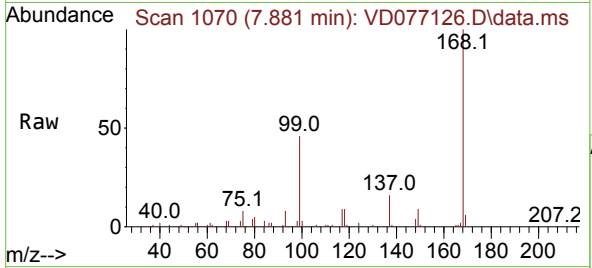
Quant Time: Sep 19 04:54:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration



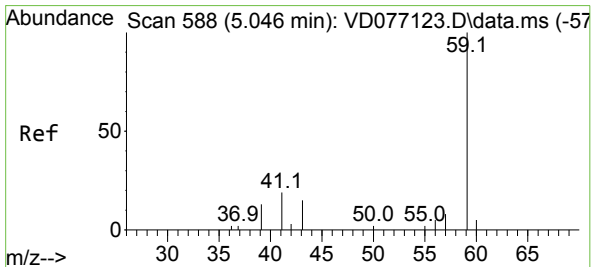
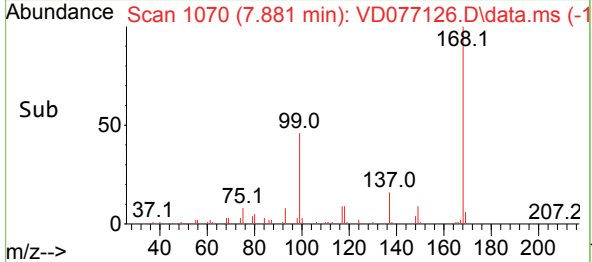
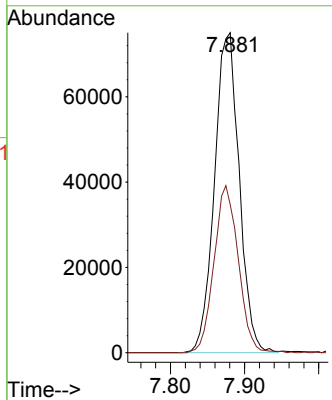


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.881 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

Instrument :
 MSVOA_D
 ClientSampleId :

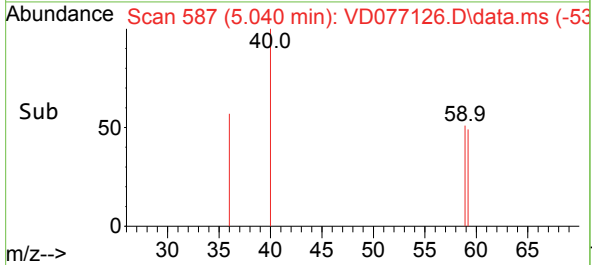
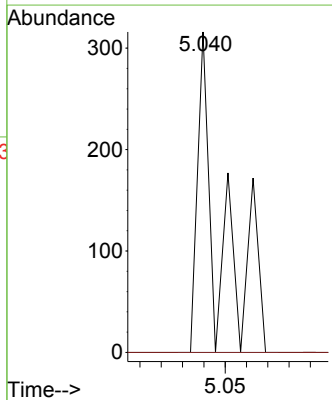
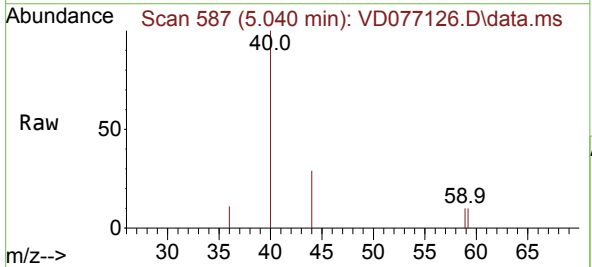


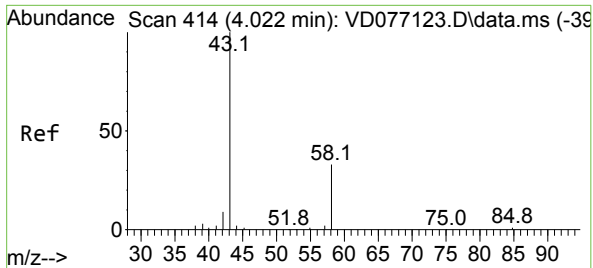
Tgt Ion:168 Resp: 174061
 Ion Ratio Lower Upper
 168 100
 99 46.3 36.7 55.1



#11
 Tert butyl alcohol
 Concen: 2.346 ug/l
 RT: 5.040 min Scan# 587
 Delta R.T. -0.006 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

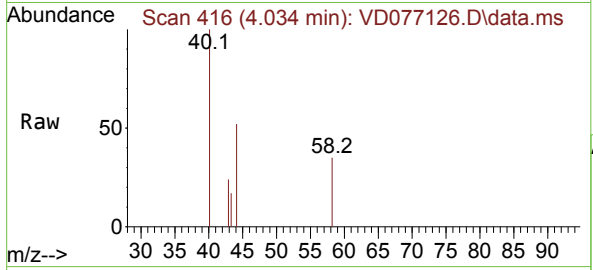
Tgt Ion: 59 Resp: 235
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#



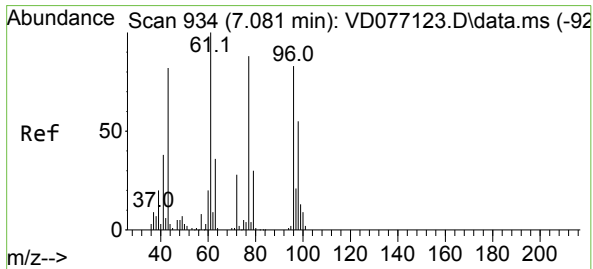
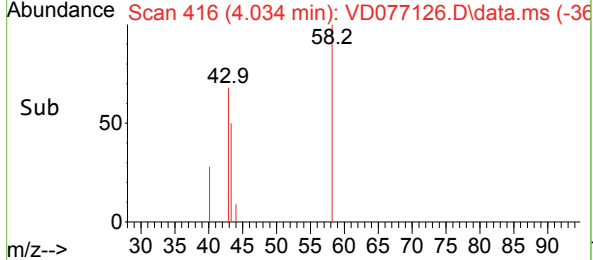
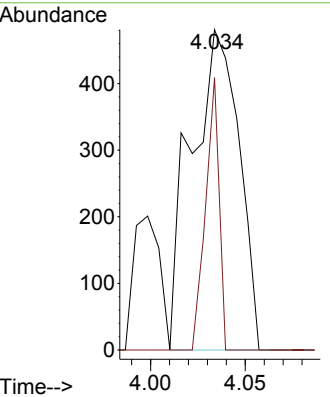


#16
 Acetone
 Concen: 2.102 ug/l
 RT: 4.034 min Scan# 416
 Delta R.T. 0.012 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

Instrument : MSVOA_D
 ClientSampleId :

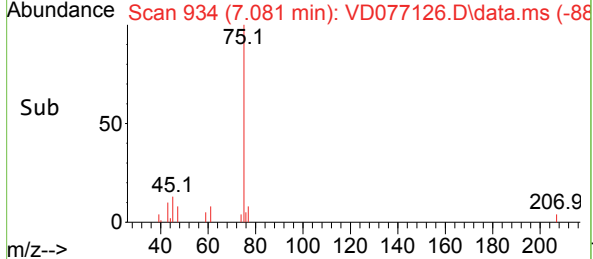
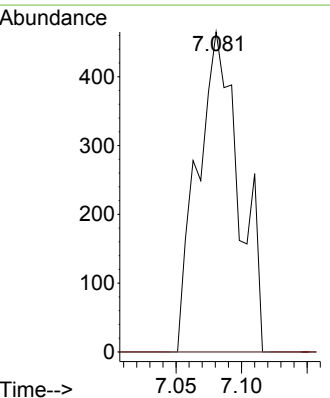
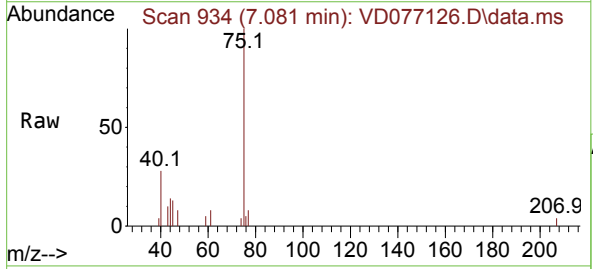


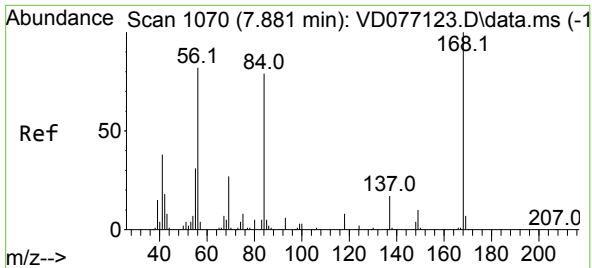
Tgt Ion: 43 Resp: 844
 Ion Ratio Lower Upper
 43 100
 58 85.0 34.7 52.1#



#25
 2-Butanone
 Concen: 1.925 ug/l
 RT: 7.081 min Scan# 934
 Delta R.T. -0.000 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

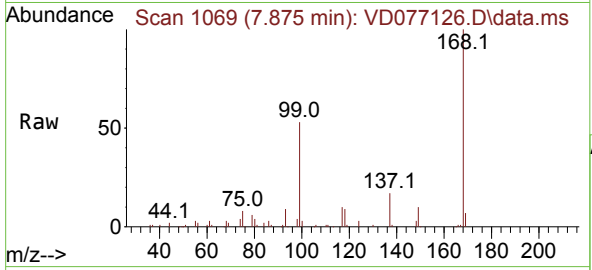
Tgt Ion: 43 Resp: 1017
 Ion Ratio Lower Upper
 43 100
 72 0.0 30.7 46.1#



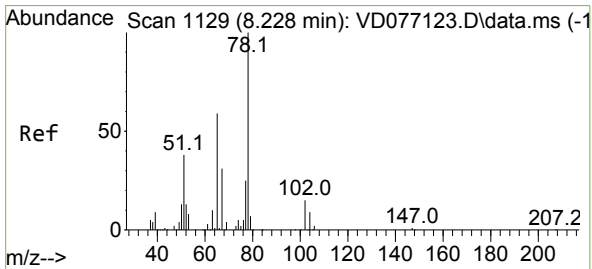
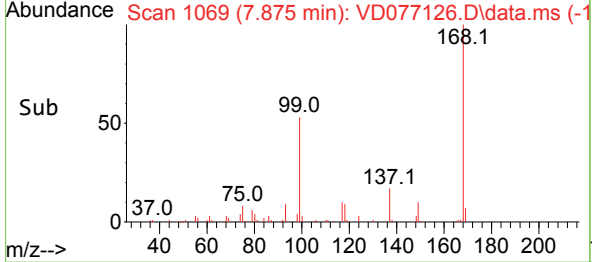
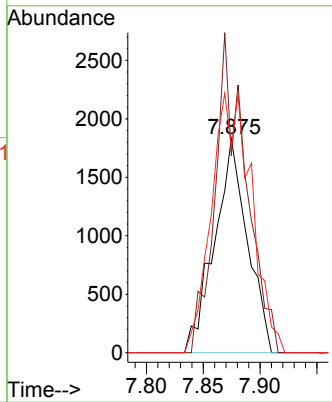


#31
 Cyclohexane
 Concen: 1.206 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.006 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

Instrument : MSVOA_D
 ClientSampleId :

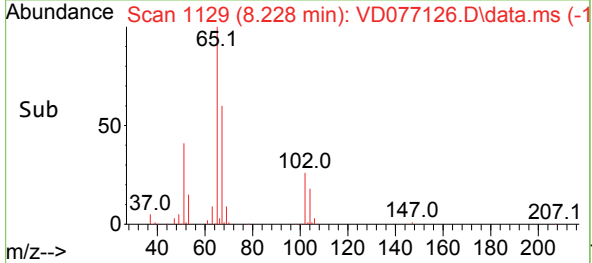
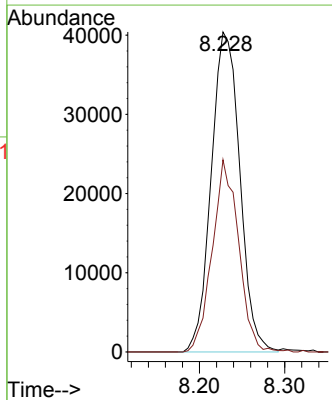
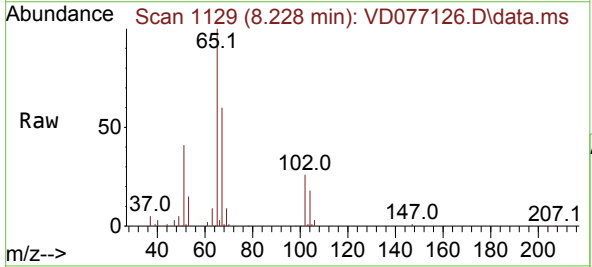


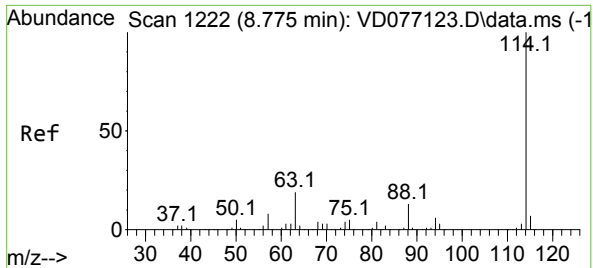
Tgt Ion: 56 Resp: 3707
 Ion Ratio Lower Upper
 56 100
 69 92.0 28.6 43.0#
 84 96.0 84.8 127.2



#33
 1,2-Dichloroethane-d4
 Concen: 53.717 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

Tgt Ion: 65 Resp: 94362
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 115.0

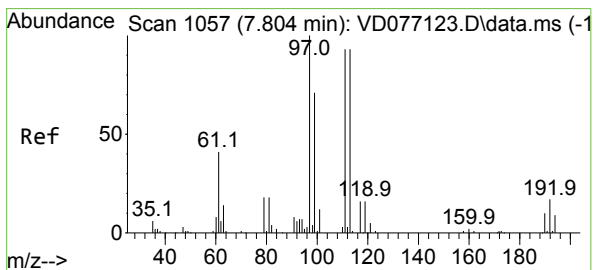
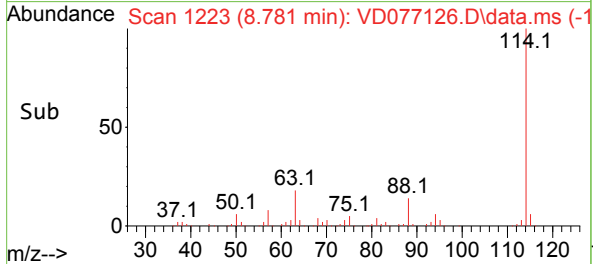
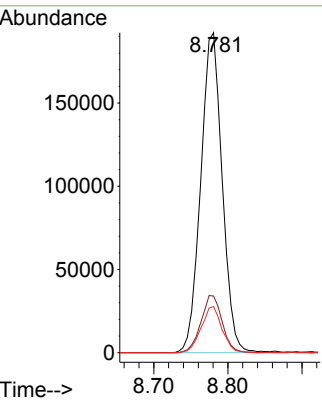
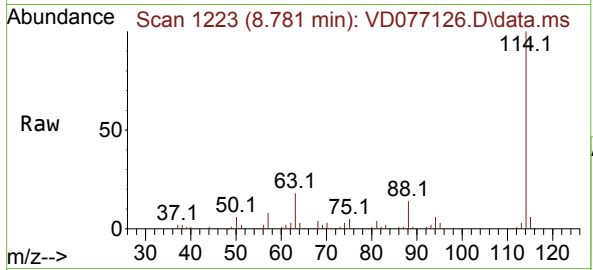




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

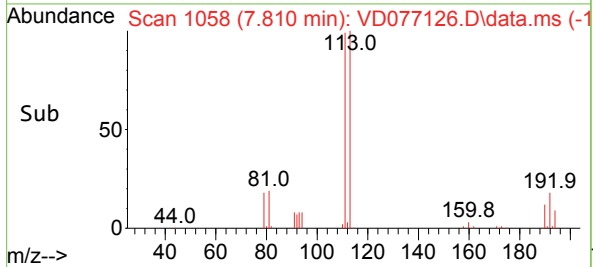
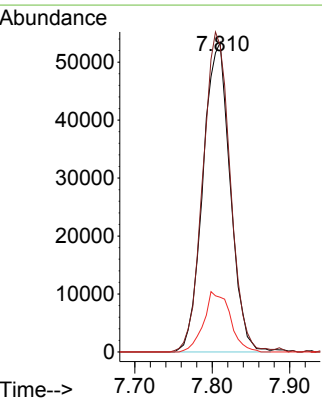
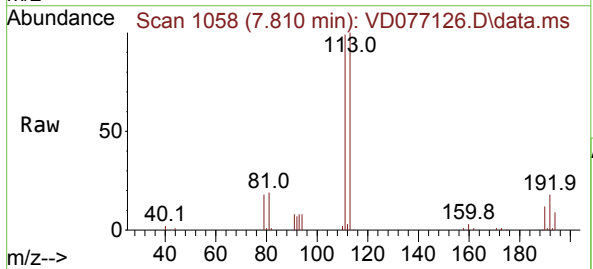
Instrument : MSVOA_D
 ClientSampleId :

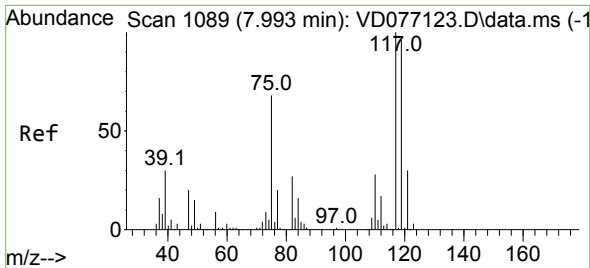
Tgt Ion	Resp	Lower	Upper
114	100		
63	17.7	0.0	33.4
88	14.4	0.0	26.2



#35
 Dibromofluoromethane
 Concen: 48.444 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

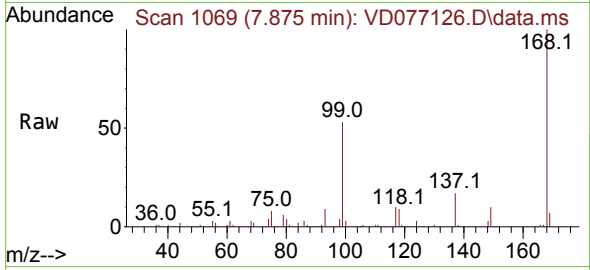
Tgt Ion	Resp	Lower	Upper
113	100		
111	103.9	84.7	127.1
192	19.0	16.8	25.2



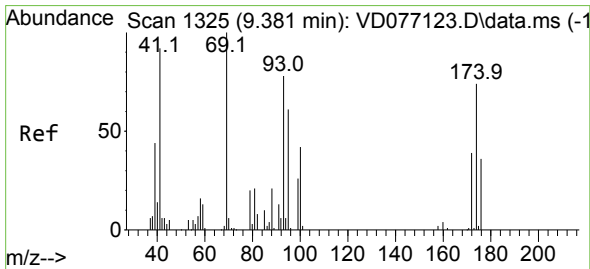
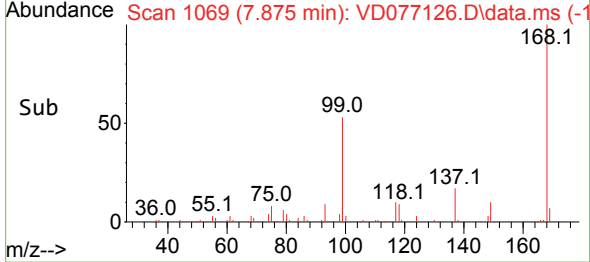
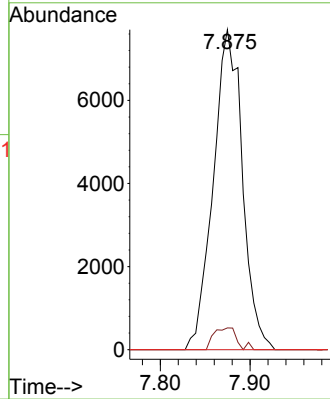


#38
 Carbon Tetrachloride
 Concen: 4.369 ug/l
 RT: 7.875 min Scan# 1089
 Delta R.T. -0.118 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

Instrument : MSVOA_D
 ClientSampleId :

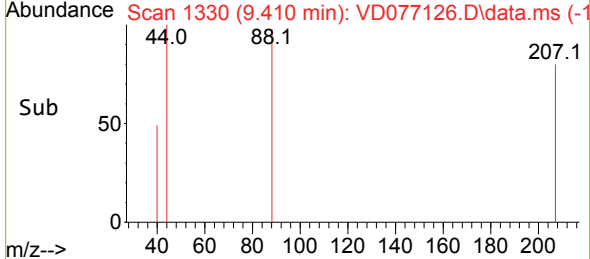
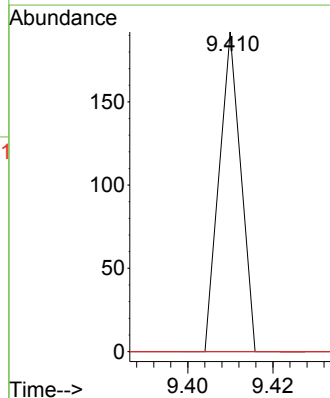
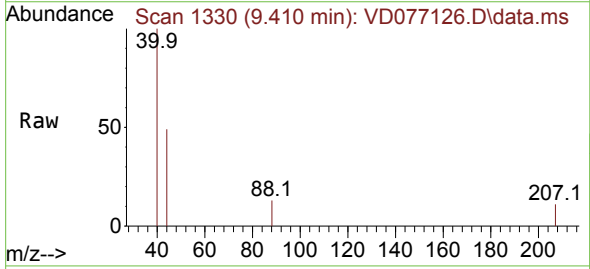


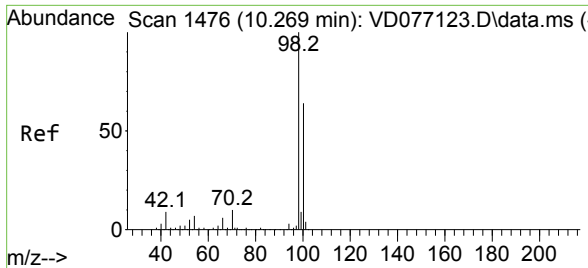
Tgt Ion:117 Resp: 17358
 Ion Ratio Lower Upper
 117 100
 119 6.8 78.0 117.0#
 121 0.0 24.2 36.2#



#49
 1,4-Dioxane
 Concen: 4.267 ug/l
 RT: 9.410 min Scan# 1330
 Delta R.T. 0.029 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

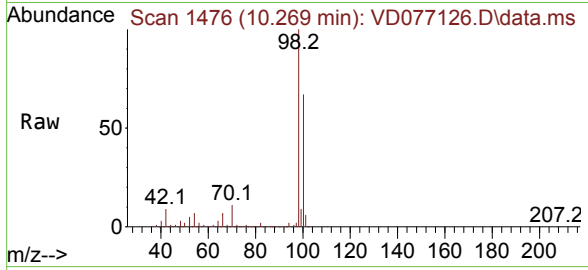
Tgt Ion: 88 Resp: 68
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.0 28.6#
 58 0.0 43.5 65.3#



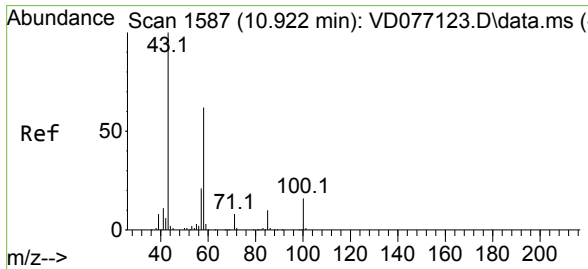
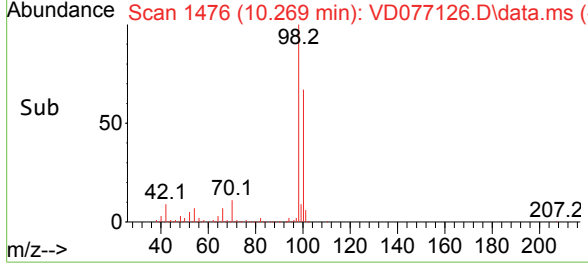
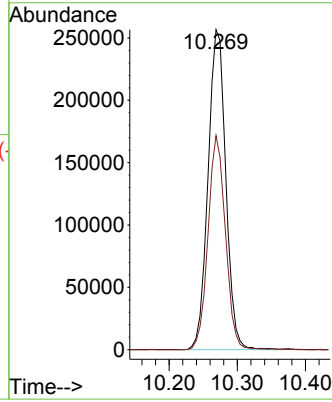


#50
 Toluene-d8
 Concen: 48.767 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

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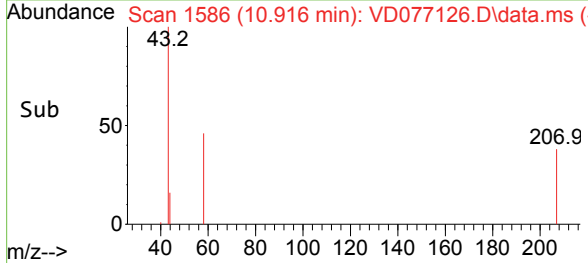
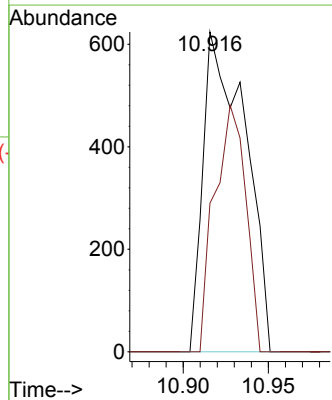
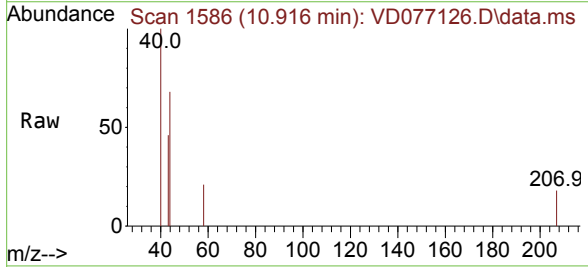


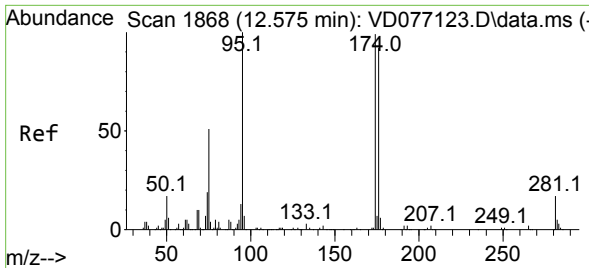
Tgt Ion: 98 Resp: 465955
 Ion Ratio Lower Upper
 98 100
 100 65.5 50.3 75.5



#59
 2-Hexanone
 Concen: 1.002 ug/l
 RT: 10.916 min Scan# 1586
 Delta R.T. -0.006 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

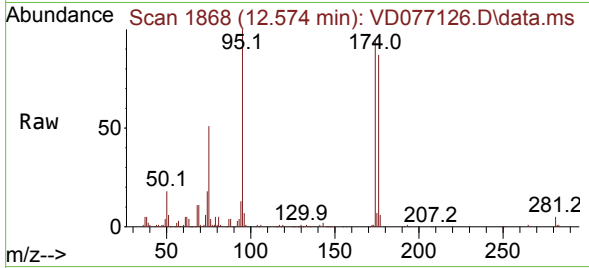
Tgt Ion: 43 Resp: 1074
 Ion Ratio Lower Upper
 43 100
 58 57.1 34.1 102.2





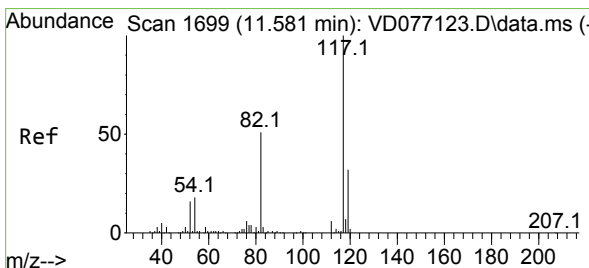
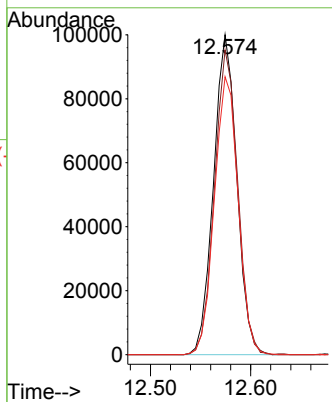
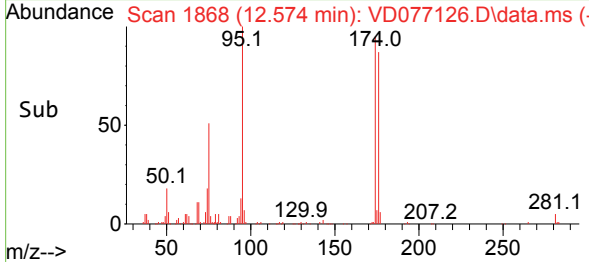
#62
 4-Bromofluorobenzene
 Concen: 54.340 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

Instrument : MSVOA_D
 ClientSampleId :

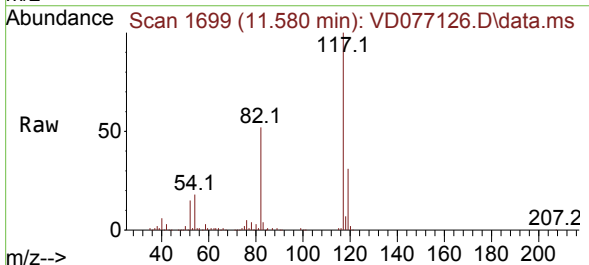


Tgt Ion: 95 Resp: 160924

Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	201.8
176	89.0	0.0	191.8

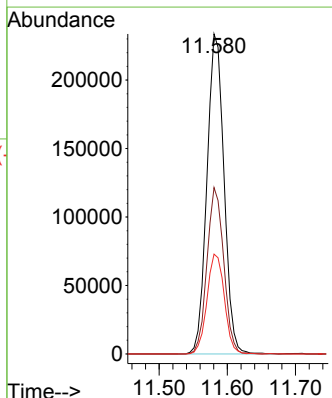
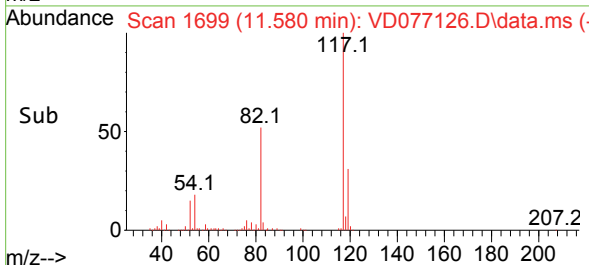


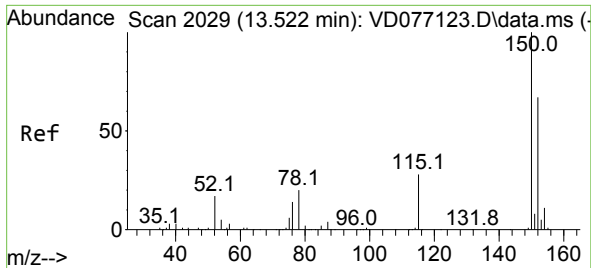
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.580 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08



Tgt Ion: 117 Resp: 407471

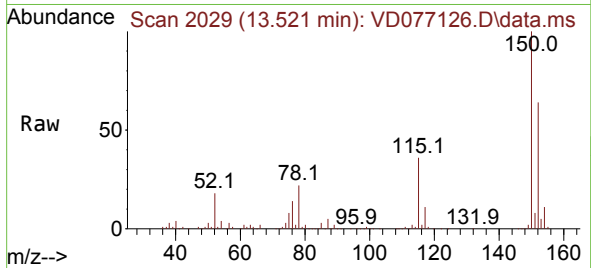
Ion	Ratio	Lower	Upper
117	100		
82	52.0	38.3	57.5
119	31.2	25.0	37.4



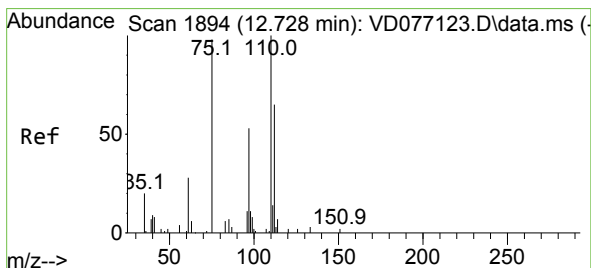
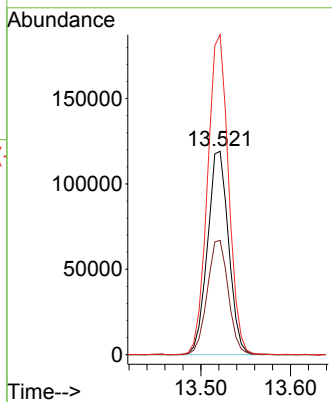
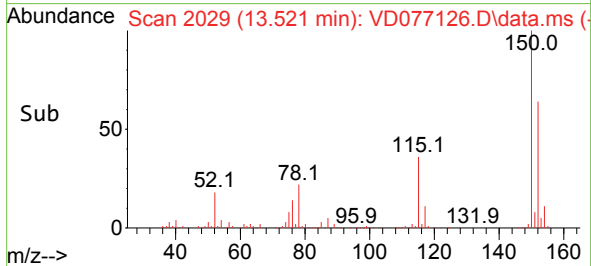


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.521 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

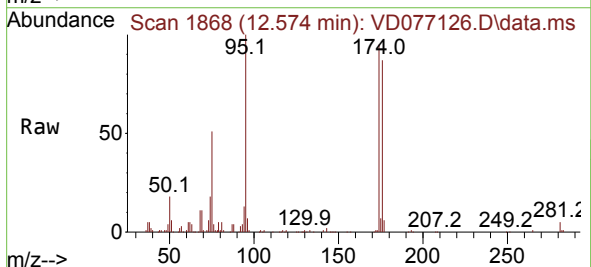
Instrument : MSVOA_D
 ClientSampleId :



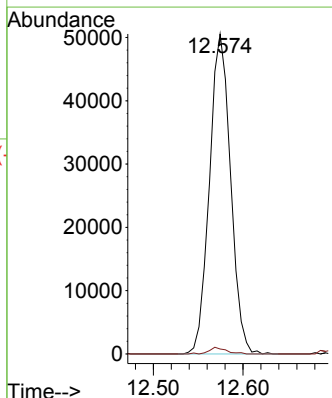
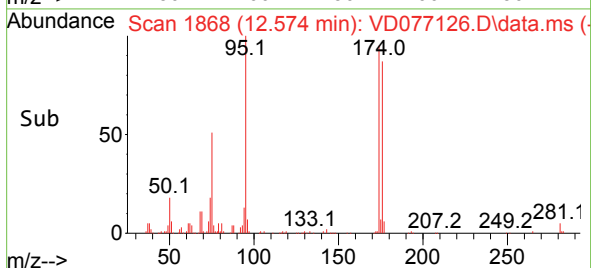
Tgt Ion:152 Resp: 194729
 Ion Ratio Lower Upper
 152 100
 115 56.2 27.1 81.3
 150 156.2 0.0 353.6

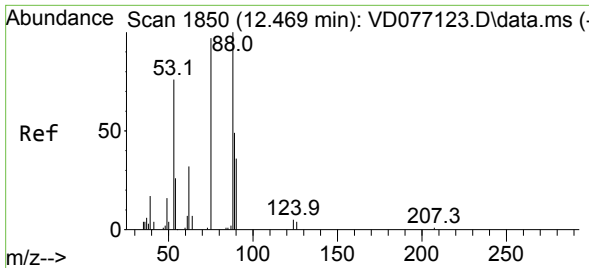


#76
 1,2,3-Trichloropropane
 Concen: 53.196 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08



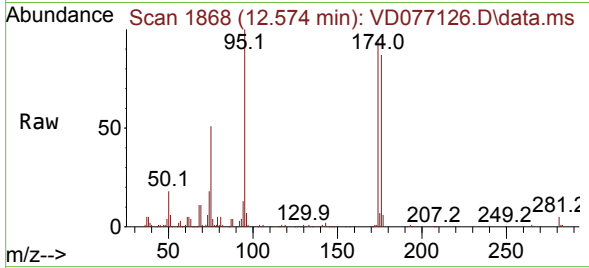
Tgt Ion: 75 Resp: 82629
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



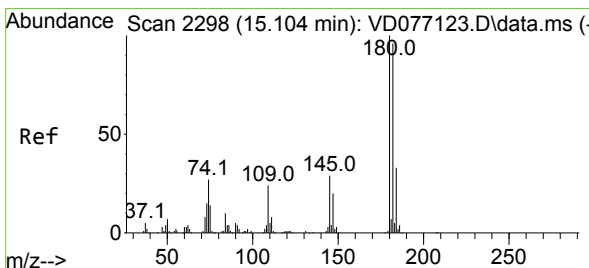
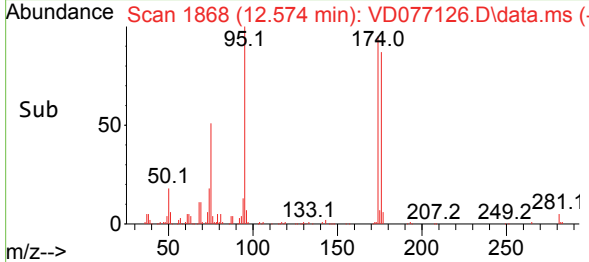
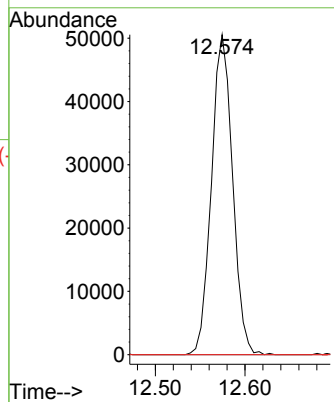


#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.689 ug/l
 RT: 12.574 min Scan# 1850
 Delta R.T. 0.106 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

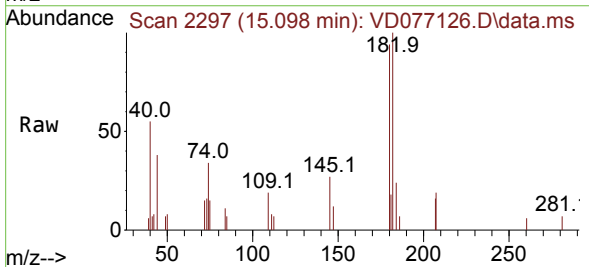
Instrument : MSVOA_D
 ClientSampleId :



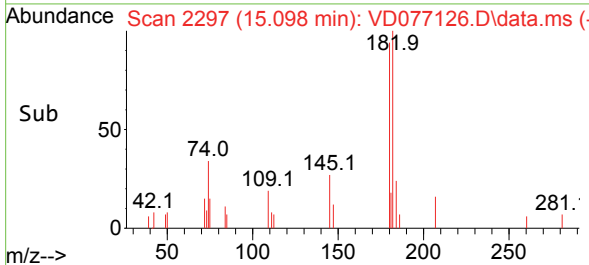
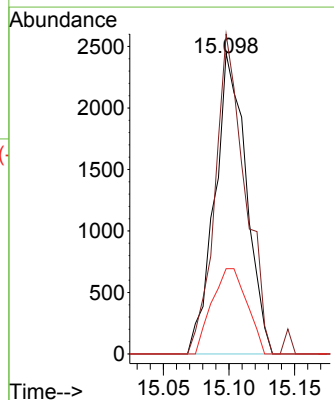
Tgt Ion: 75 Resp: 82629
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

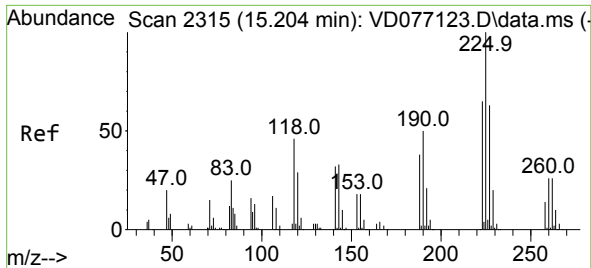


#93
 1,2,4-Trichlorobenzene
 Concen: 1.048 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08



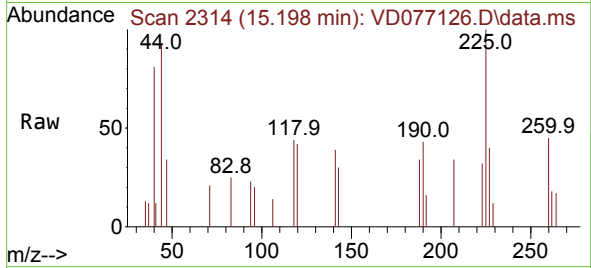
Tgt Ion:180 Resp: 4086
 Ion Ratio Lower Upper
 180 100
 182 101.3 48.5 145.6
 145 31.5 14.2 42.6



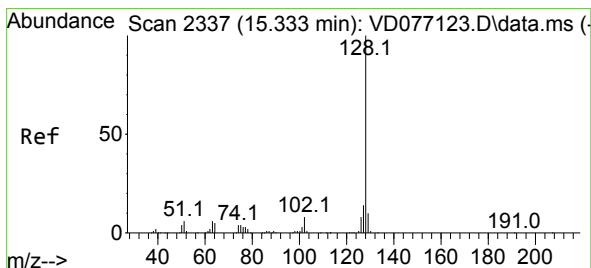
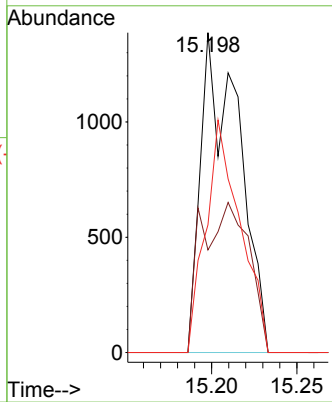
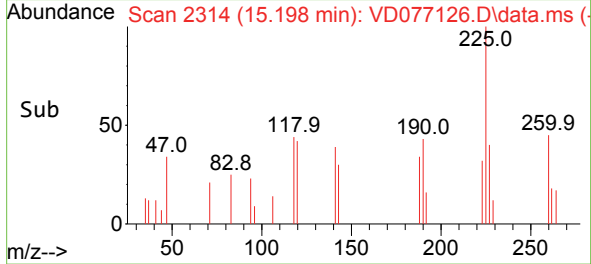


#94
 Hexachlorobutadiene
 Concen: 1.050 ug/l
 RT: 15.198 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

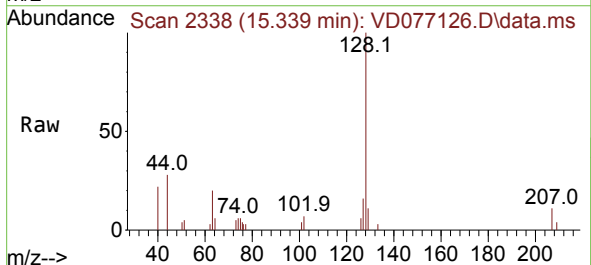
Instrument : MSVOA_D
 ClientSampleId :



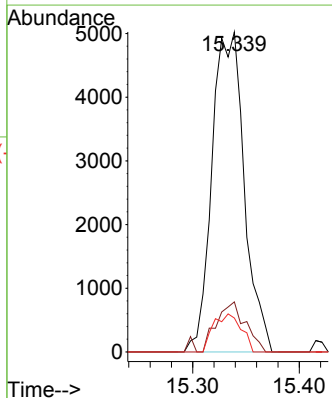
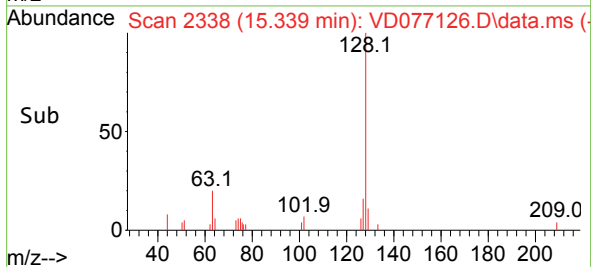
Tgt Ion:225 Resp: 2169
 Ion Ratio Lower Upper
 225 100
 223 58.0 31.6 94.8
 227 65.7 31.7 95.1

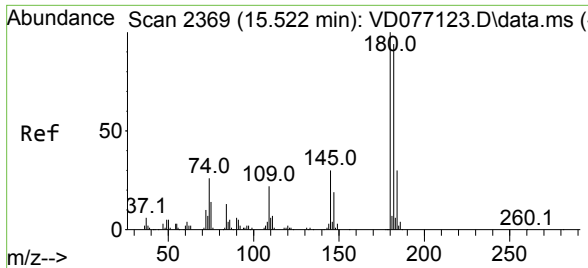


#95
 Naphthalene
 Concen: 1.475 ug/l
 RT: 15.339 min Scan# 2338
 Delta R.T. 0.006 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08



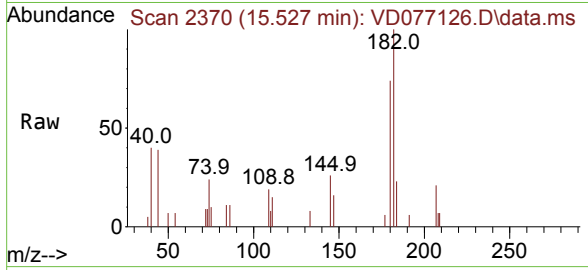
Tgt Ion:128 Resp: 10542
 Ion Ratio Lower Upper
 128 100
 127 15.6 10.5 15.7
 129 10.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.369 ug/l
 RT: 15.527 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077126.D
 Acq: 18 Sep 2023 13:08

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 4742

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.9
145	29.3	15.1	45.3

