

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015511.D
 Acq On : 12 Sep 2023 16:34
 Operator : SY/MD
 Sample : 04299-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 17:26:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

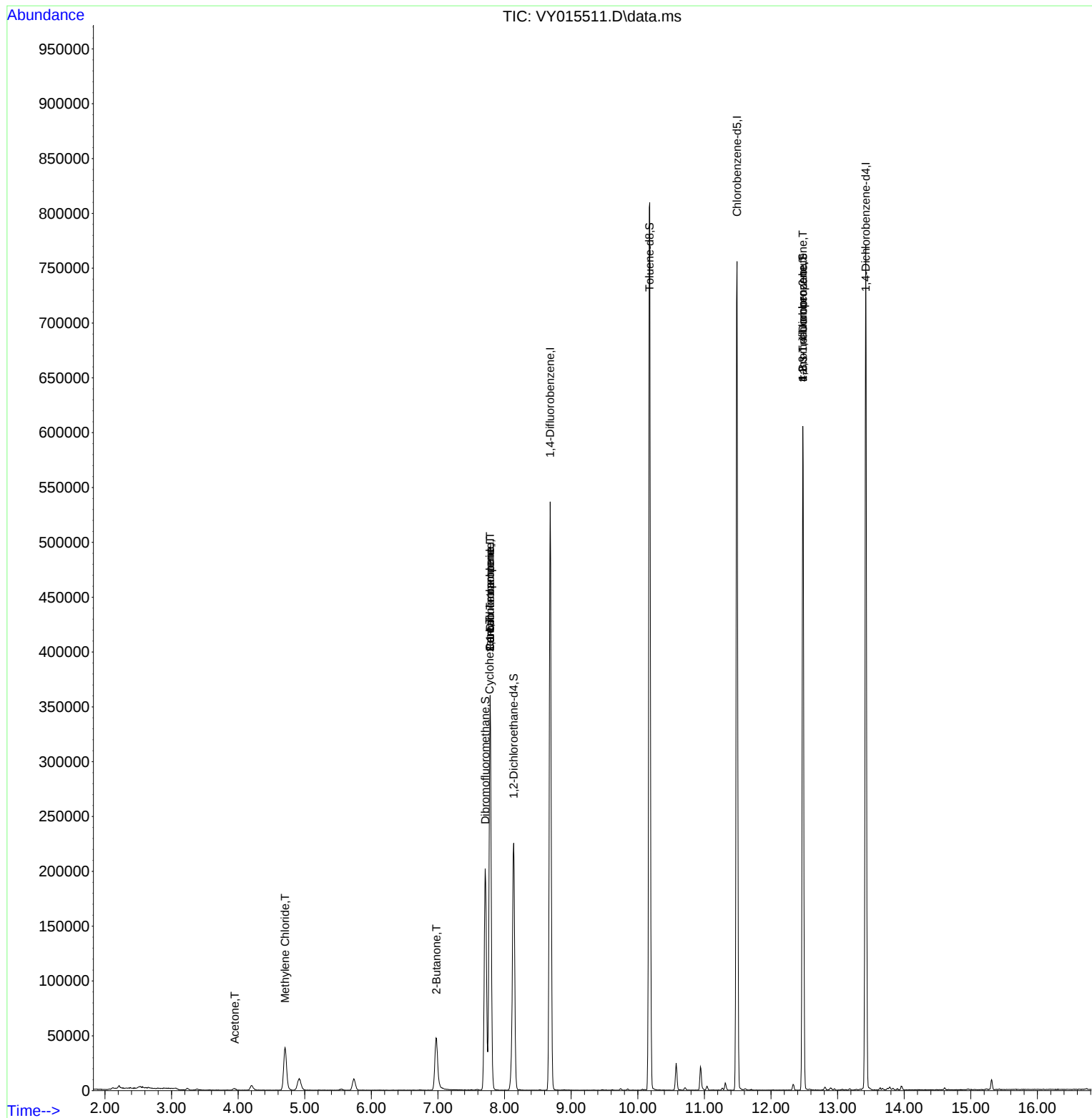
Internal Standards						
1) Pentafluorobenzene	7.783	168	277192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	461295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	410654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	171463	57.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.400%
35) Dibromofluoromethane	7.710	113	142242	53.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.080%
50) Toluene-d8	10.179	98	533656	55.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.920%
62) 4-Bromofluorobenzene	12.477	95	178064	49.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.700%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	3050	2.459	ug/l	97
20) Methylene Chloride	4.704	84	29329	1.477	ug/l	96
25) 2-Butanone	6.978	43	2726	1.550	ug/l #	86
31) Cyclohexane	7.777	56	5674	1.075	ug/l #	12
36) 1,1-Dichloropropene	7.783	75	21019	4.505	ug/l #	50
38) Carbon Tetrachloride	7.783	117	27642	5.737	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	96833	38.281	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	96833	84.443	ug/l #	11

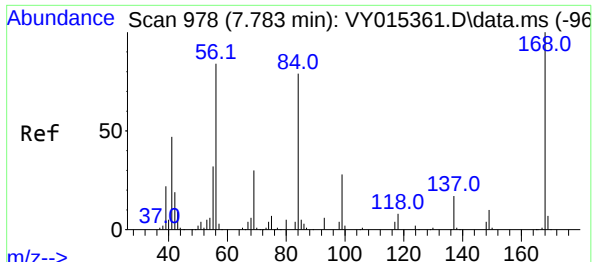
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
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MSVOA_Y
ClientSampleId :

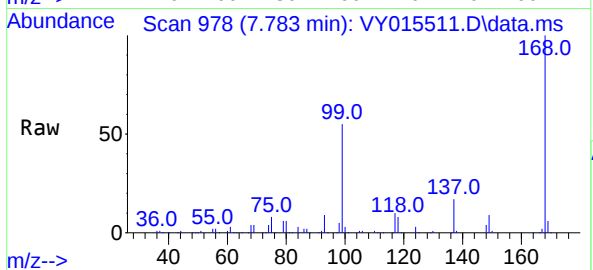
Quant Time: Sep 12 17:26:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



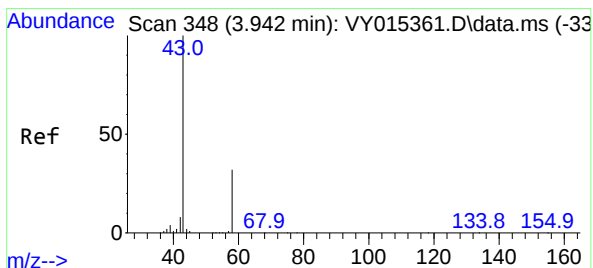
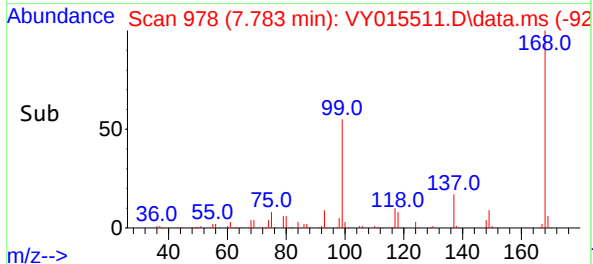
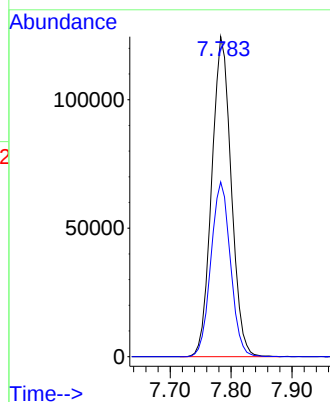


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

Instrument :
MSVOA_Y
ClientSampleId :

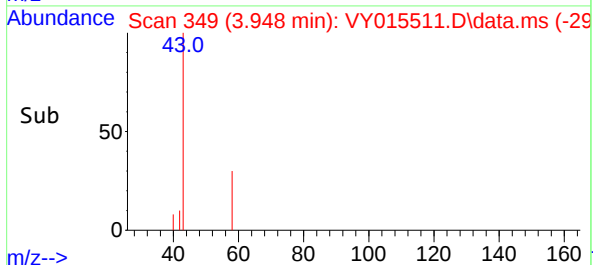
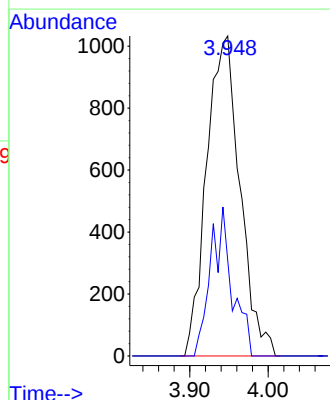
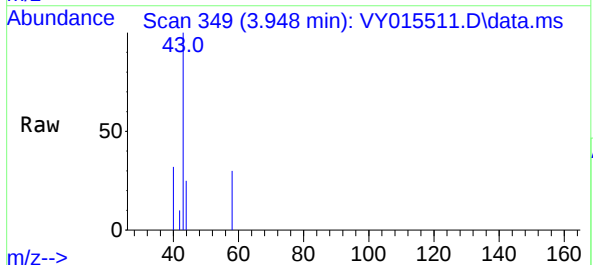


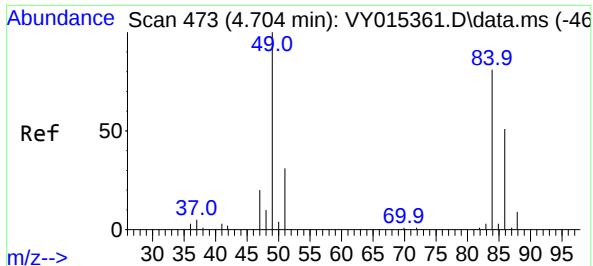
Tgt Ion:168 Resp: 277192
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#16
Acetone
Concen: 2.459 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

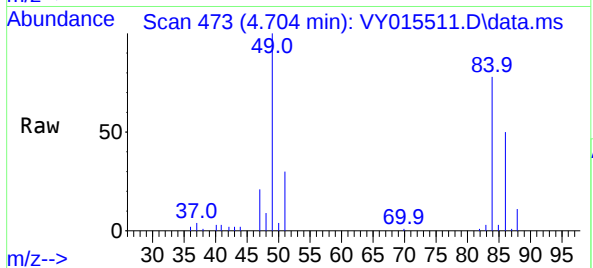
Tgt Ion: 43 Resp: 3050
Ion Ratio Lower Upper
43 100
58 29.9 22.7 34.1





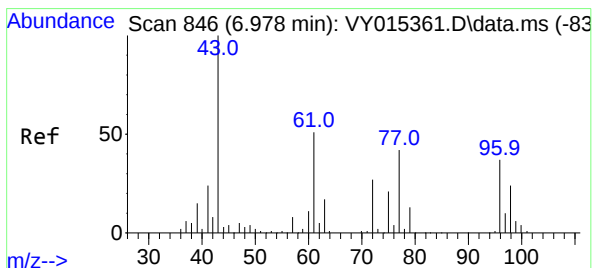
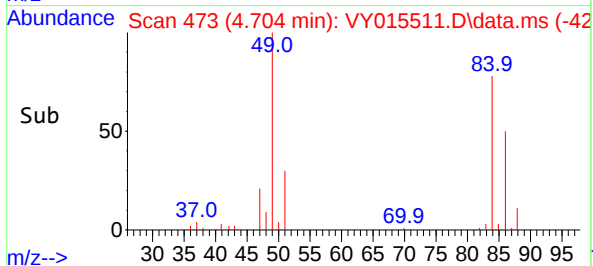
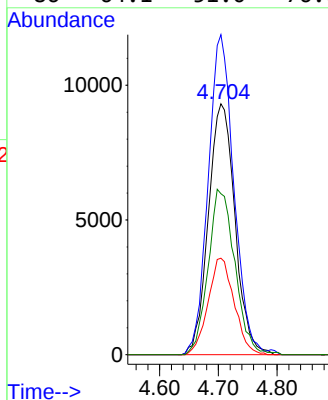
#20
Methylene Chloride
Concen: 1.477 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 29329

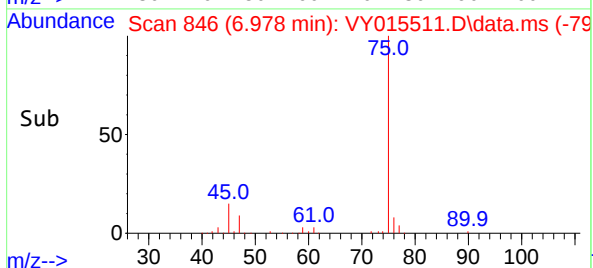
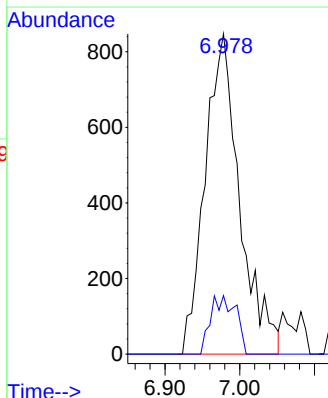
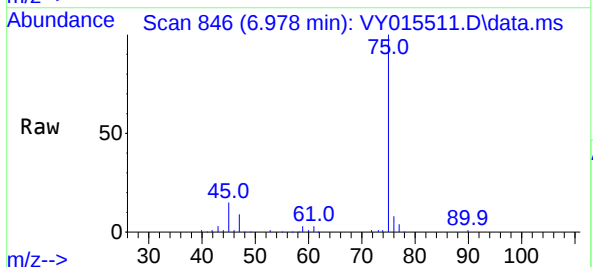
Ion	Ratio	Lower	Upper
84	100		
49	127.5	106.9	160.3
51	38.5	33.2	49.8
86	64.1	51.0	76.6

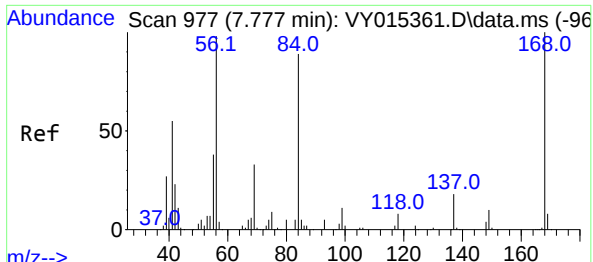


#25
2-Butanone
Concen: 1.550 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

Tgt Ion: 43 Resp: 2726

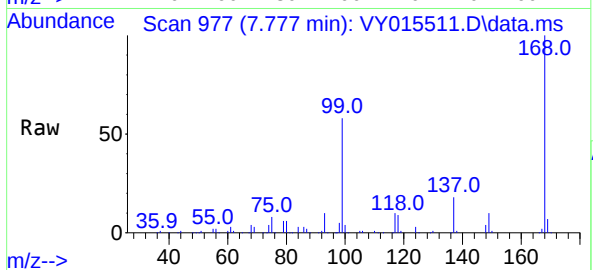
Ion	Ratio	Lower	Upper
43	100		
72	18.3	20.5	30.7#



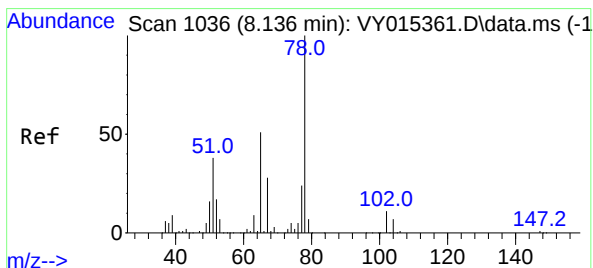
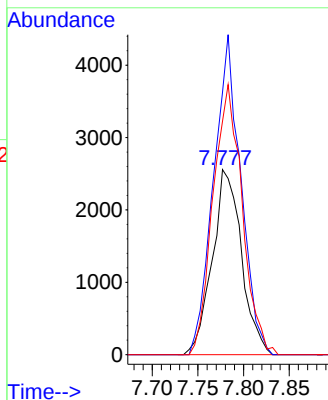
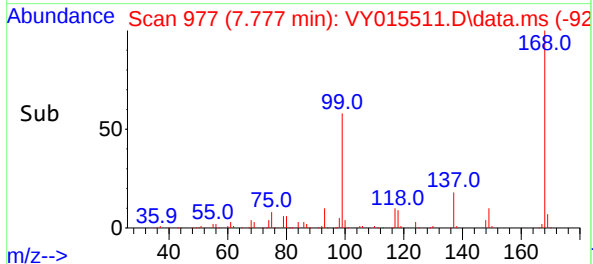


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

Instrument :
MSVOA_Y
ClientSampleId :

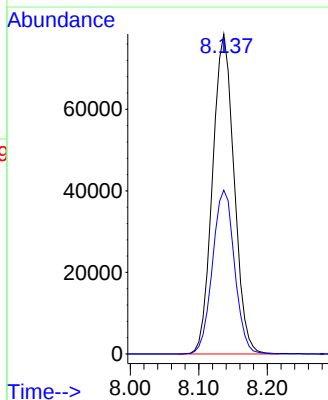
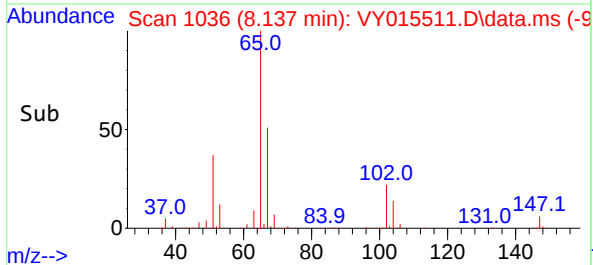
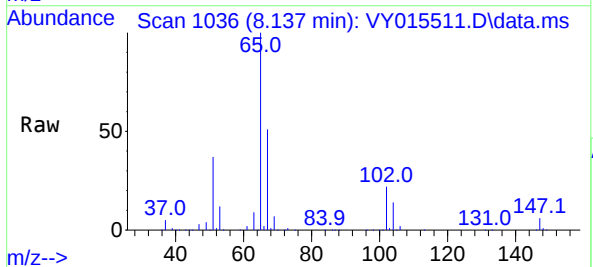


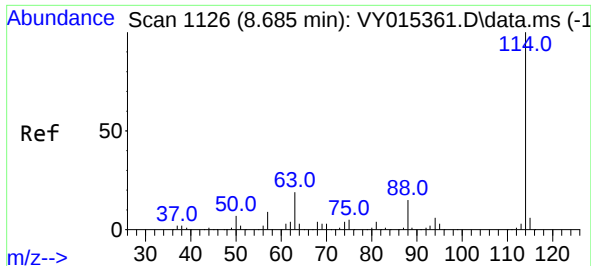
Tgt Ion: 56 Resp: 5674
Ion Ratio Lower Upper
56 100
69 141.8 27.8 41.6#
84 126.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.703 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

Tgt Ion: 65 Resp: 171463
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

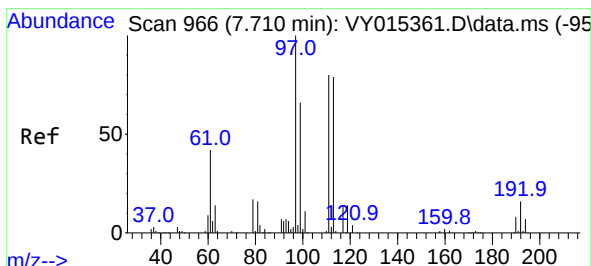
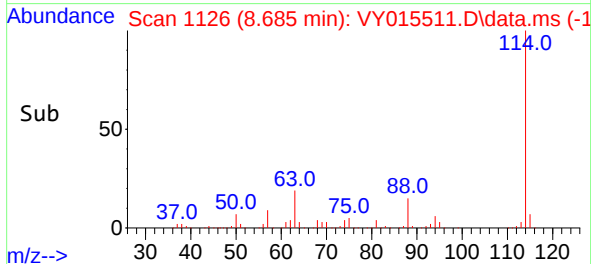
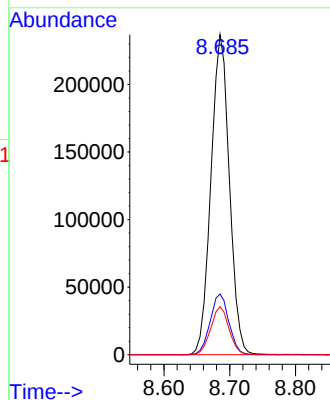
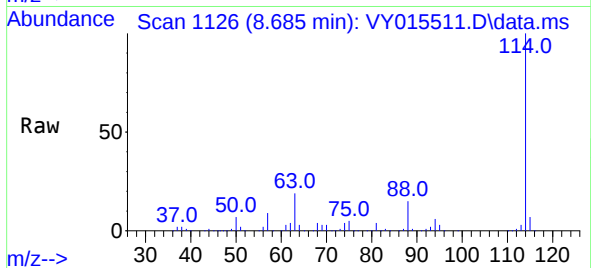




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

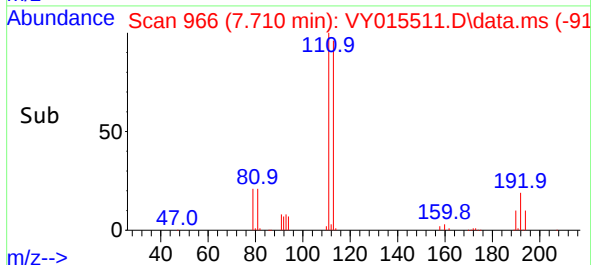
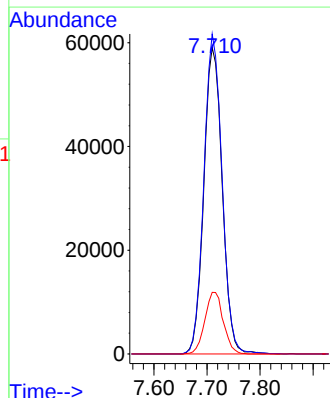
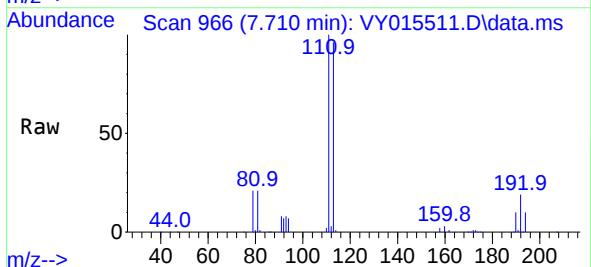
Instrument :
MSVOA_Y
ClientSampleId :

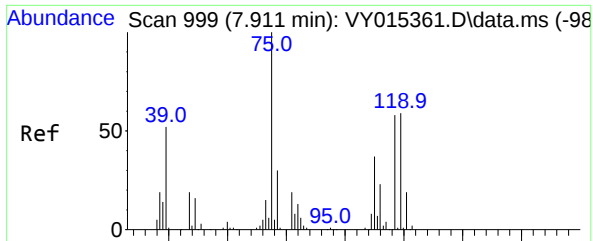
Tgt Ion:114 Resp: 461295
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.536 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

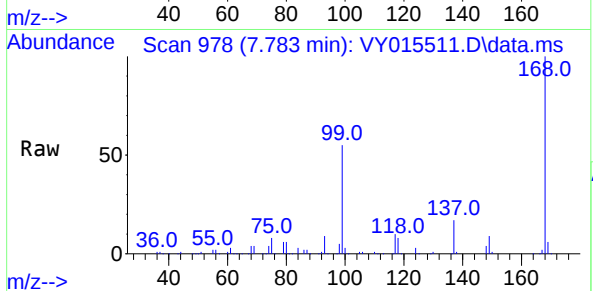
Tgt Ion:113 Resp: 142242
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 20.2 16.9 25.3



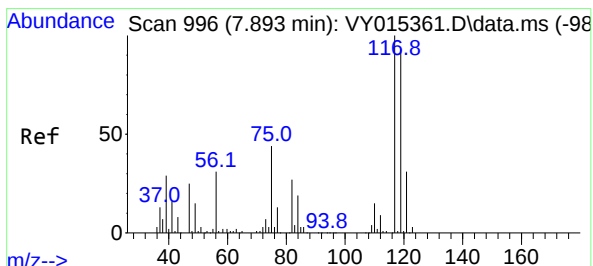
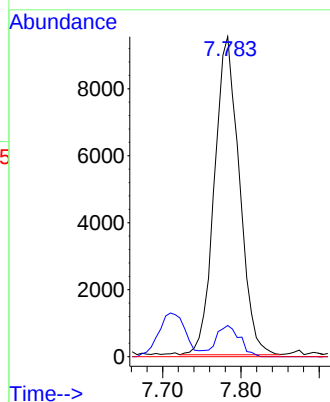
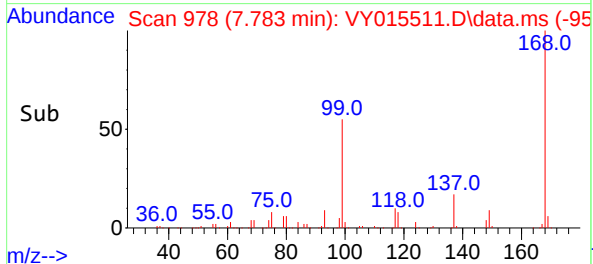


#36
1,1-Dichloropropene
Concen: 4.505 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

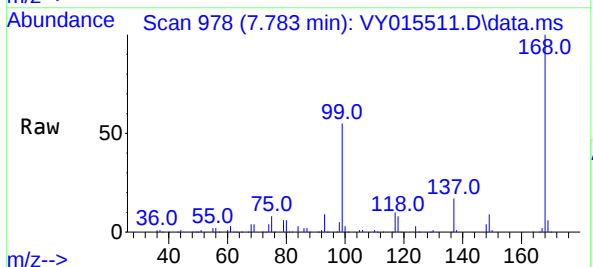
Instrument :
MSVOA_Y
ClientSampleId :



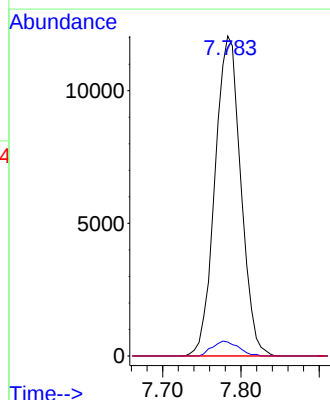
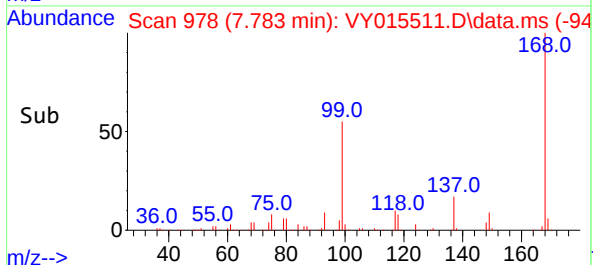
Tgt Ion: 75 Resp: 21019
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#

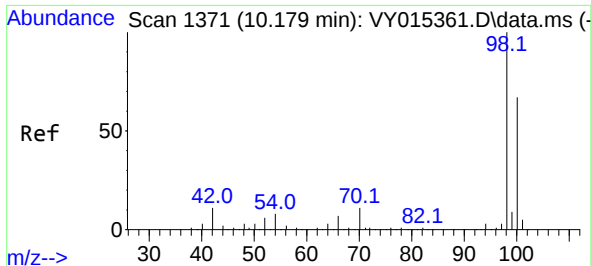


#38
Carbon Tetrachloride
Concen: 5.737 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34



Tgt Ion: 117 Resp: 27642
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#

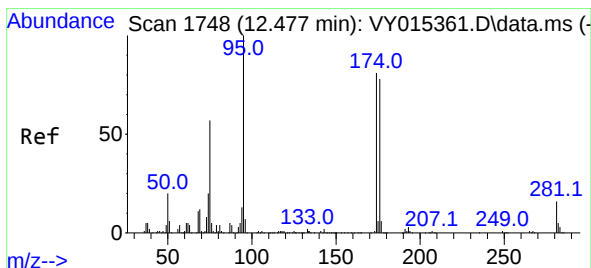
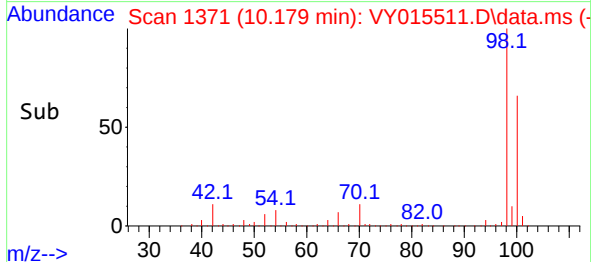
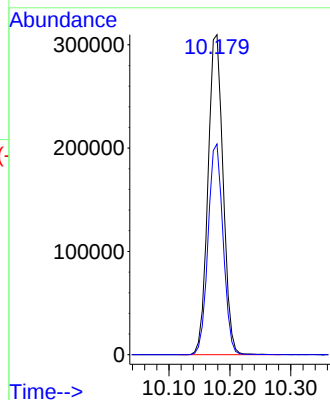
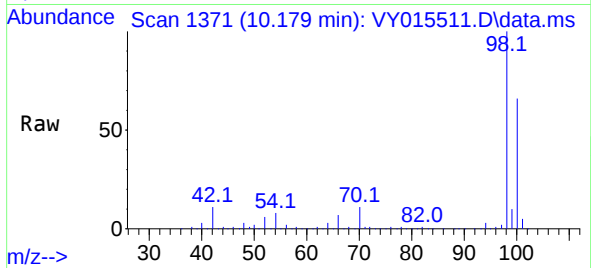




#50
Toluene-d8
Concen: 55.463 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

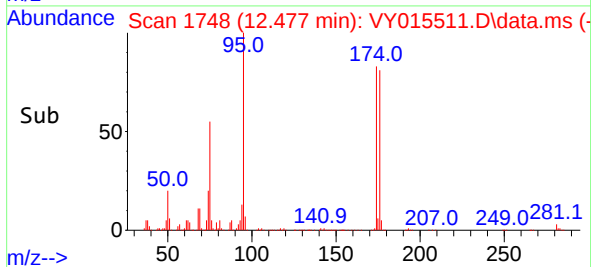
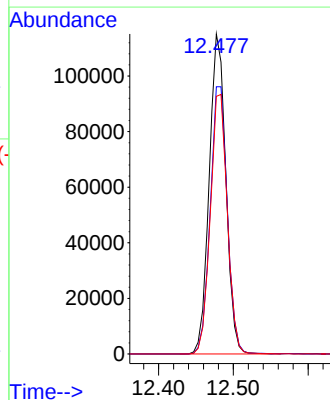
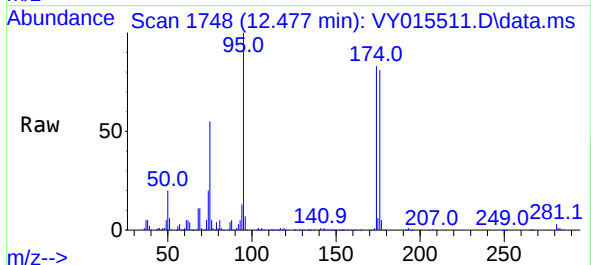
Instrument :
MSVOA_Y
ClientSampleId :

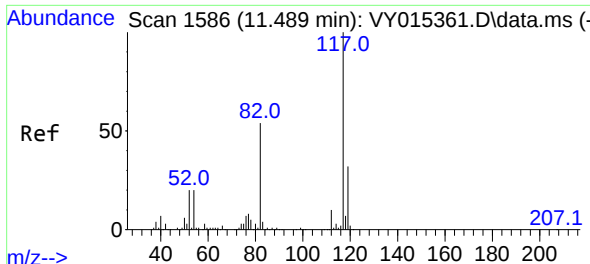
Tgt Ion: 98 Resp: 533656
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.850 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

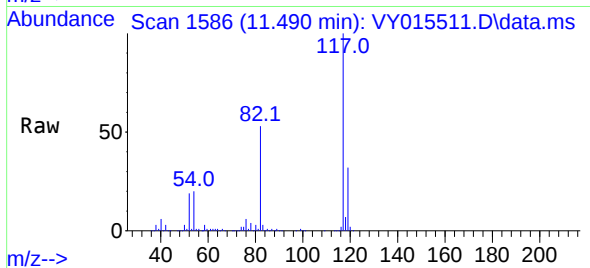
Tgt Ion: 95 Resp: 178064
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 83.1 0.0 173.8



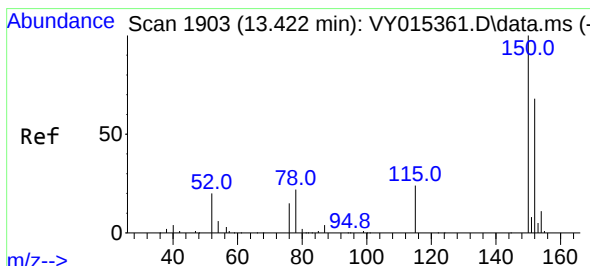
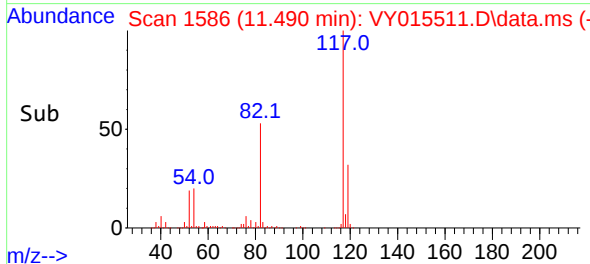
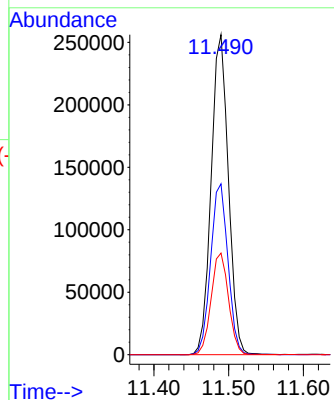


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

Instrument :
MSVOA_Y
ClientSampleId :

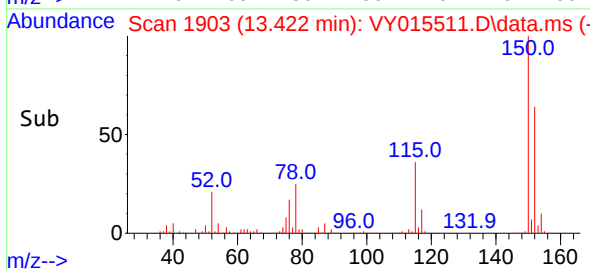
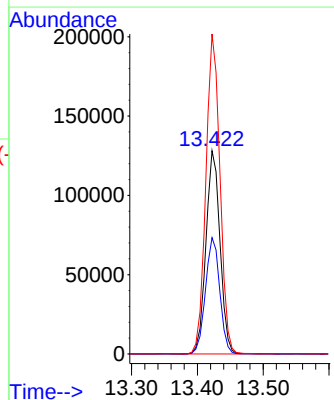
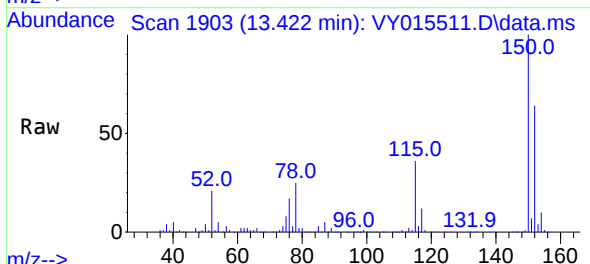


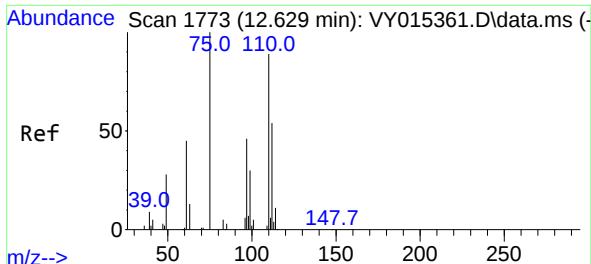
Tgt Ion:117 Resp: 410654
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

Tgt Ion:152 Resp: 190750
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 157.6 0.0 348.8

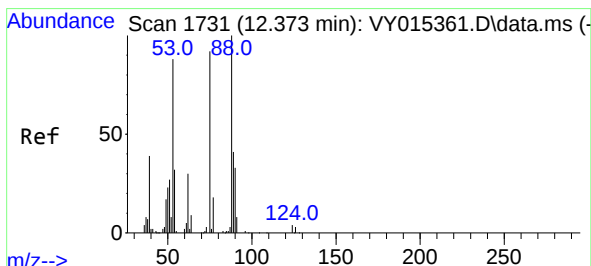
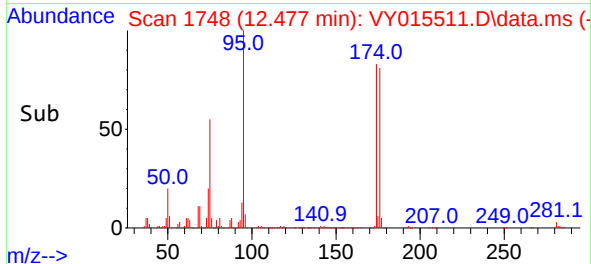
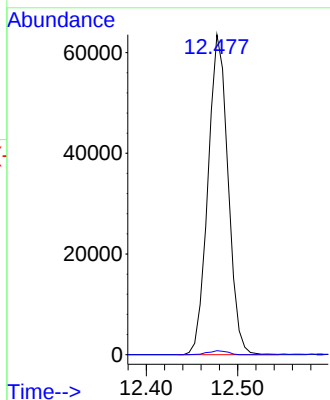
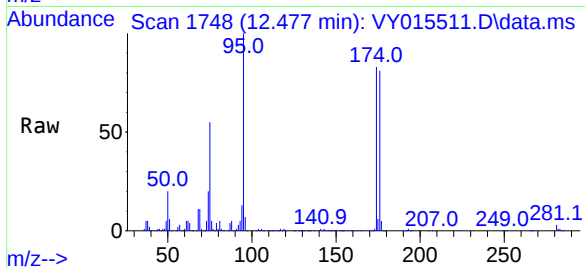




#76
1,2,3-Trichloropropane
Concen: 38.281 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 96833
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.443 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015511.D
Acq: 12 Sep 2023 16:34

Tgt Ion: 75 Resp: 96833
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

