

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016329.D
 Acq On : 13 Nov 2023 17:42
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:38:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

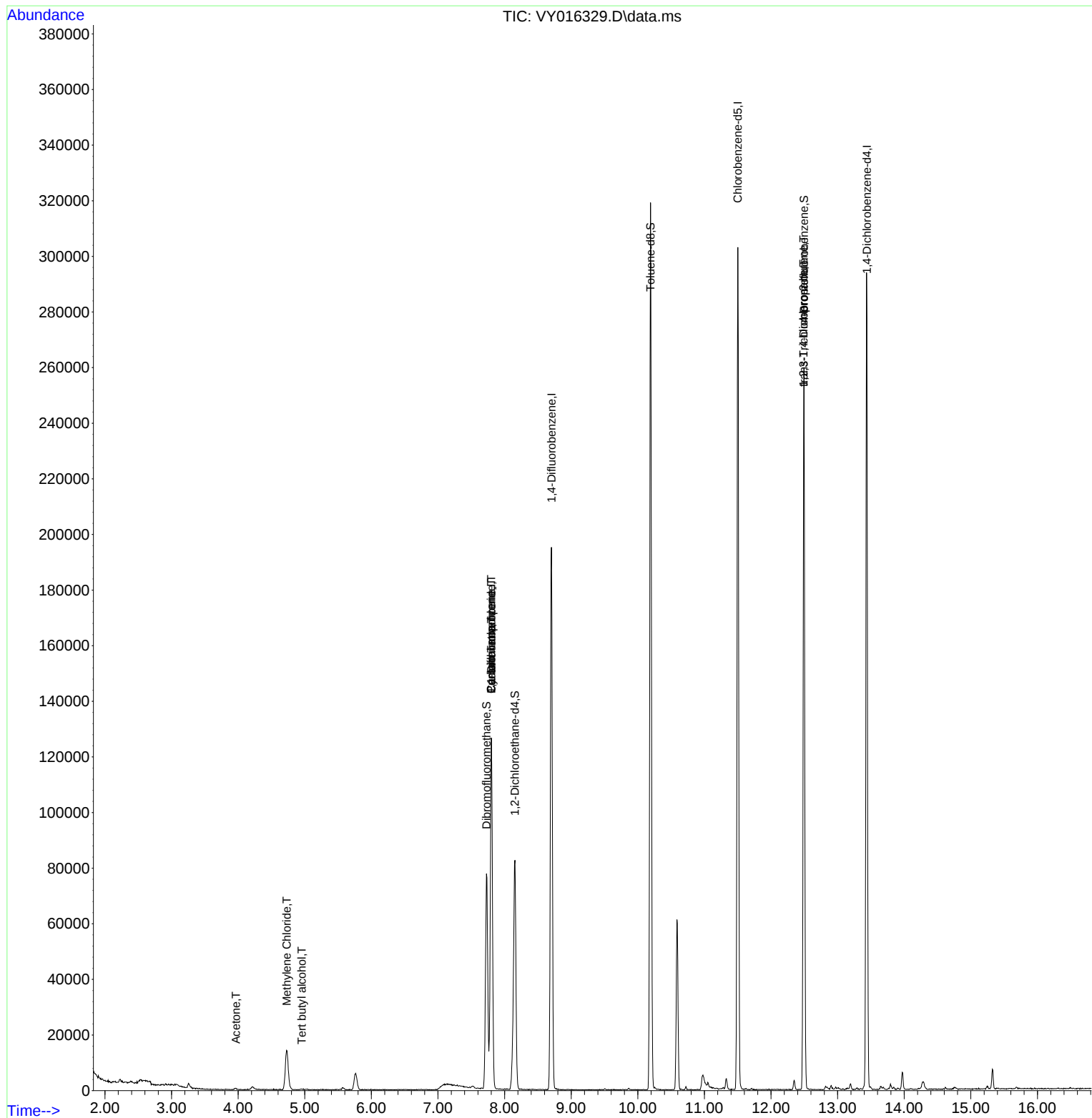
Internal Standards						
1) Pentafluorobenzene	7.801	168	98396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	173772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	78552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61753	68.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.340%	
35) Dibromofluoromethane	7.728	113	55373	56.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.180%	
50) Toluene-d8	10.191	98	206549	51.598	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	12.495	95	72584	55.828	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	336	4.771	ug/l #	89
16) Acetone	3.966	43	632	4.249	ug/l #	82
20) Methylene Chloride	4.728	84	11547	8.069	ug/l	86
31) Cyclohexane	7.801	56	1859	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7840	4.574	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9721	5.464	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	37822	50.192	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37822	108.947	ug/l #	11

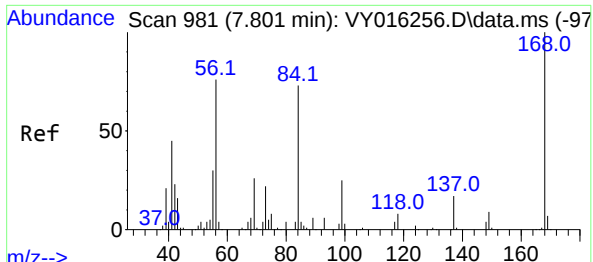
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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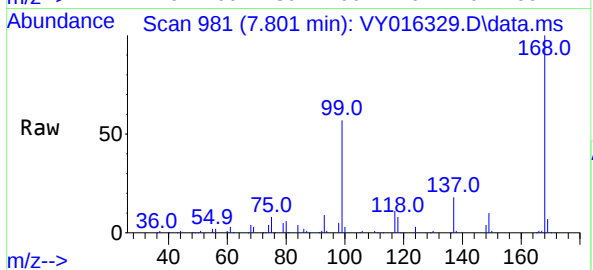
Quant Time: Nov 14 04:38:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



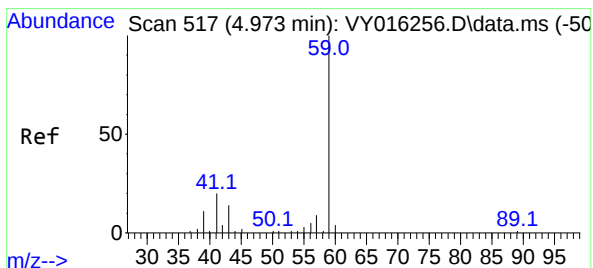
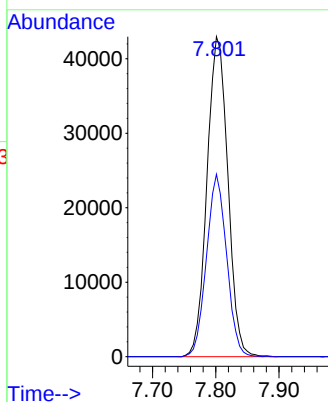
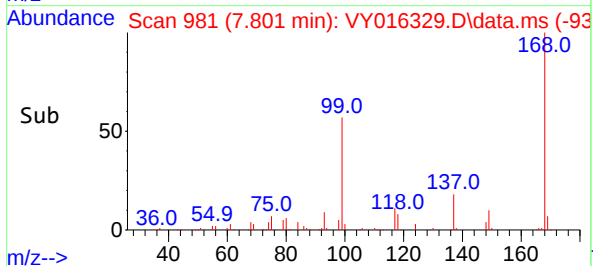


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :

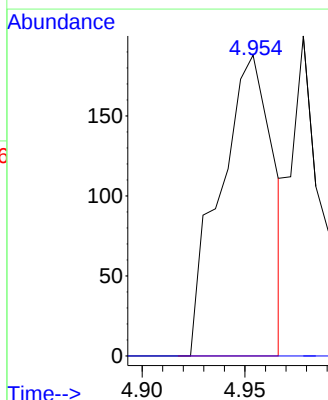
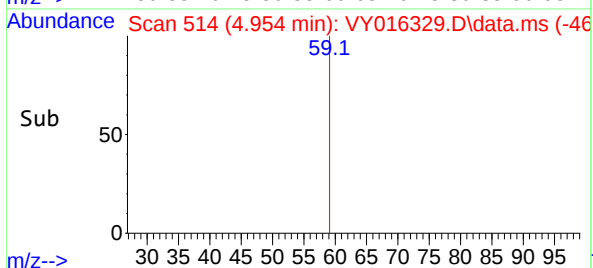
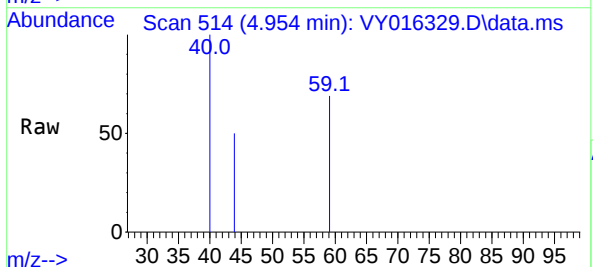


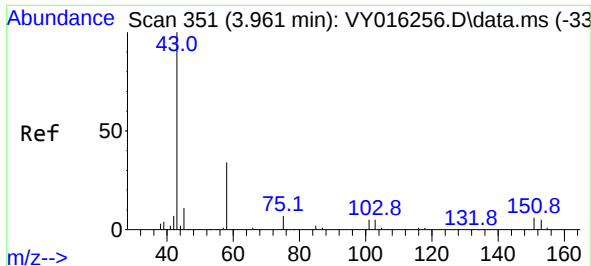
Tgt Ion:168 Resp: 98396
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.771 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

Tgt Ion: 59 Resp: 336
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

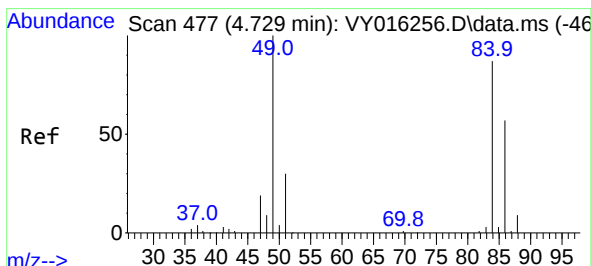
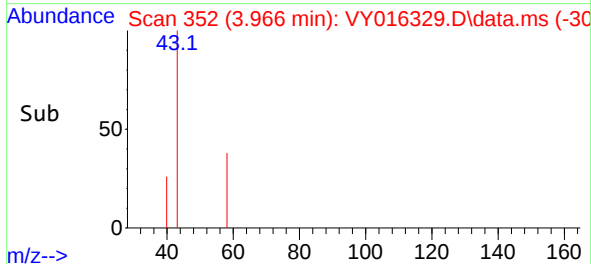
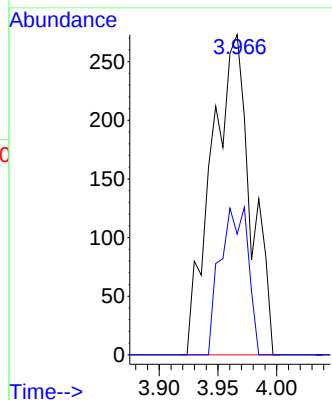
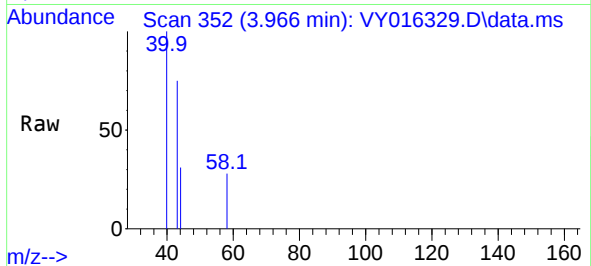




#16
Acetone
Concen: 4.249 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

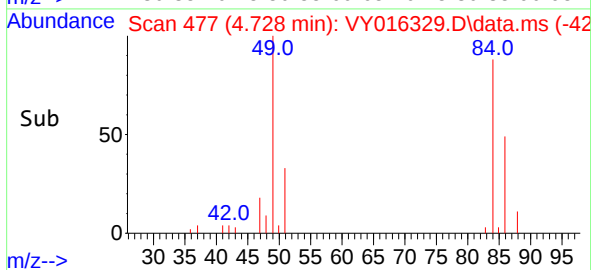
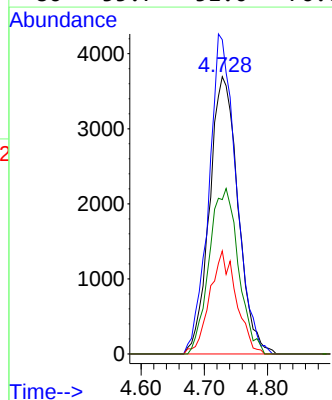
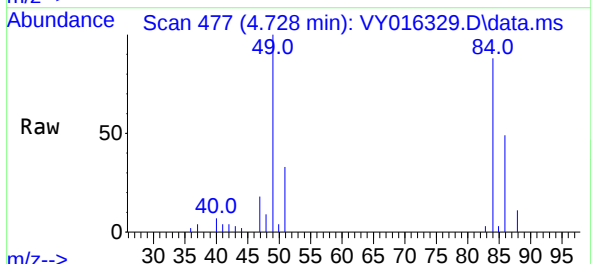
Instrument :
MSVOA_Y
ClientSampleId :

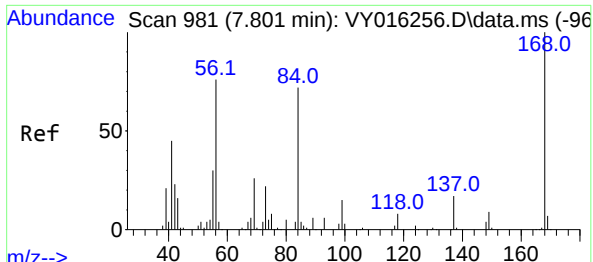
Tgt Ion: 43 Resp: 632
Ion Ratio Lower Upper
43 100
58 37.7 22.7 34.1#



#20
Methylene Chloride
Concen: 8.069 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

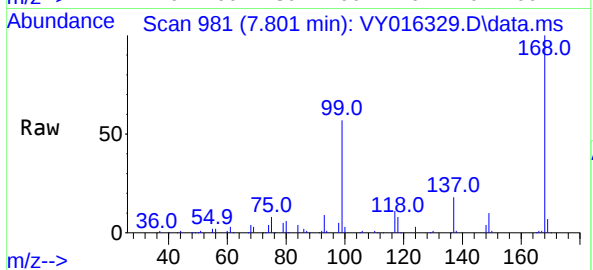
Tgt Ion: 84 Resp: 11547
Ion Ratio Lower Upper
84 100
49 113.3 106.9 160.3
51 37.2 33.2 49.8
86 55.7 51.0 76.6



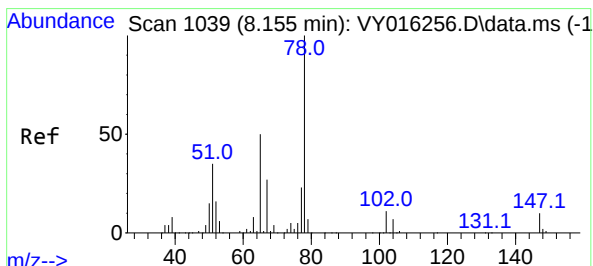
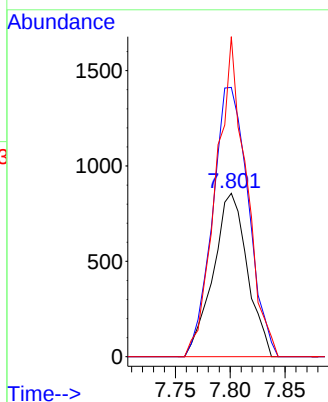
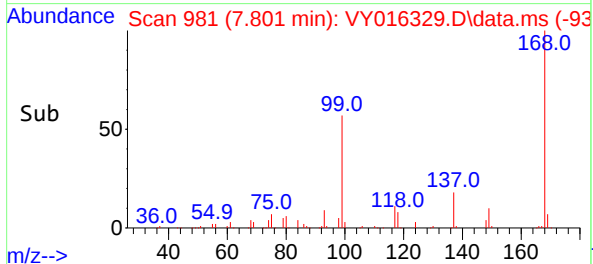


#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

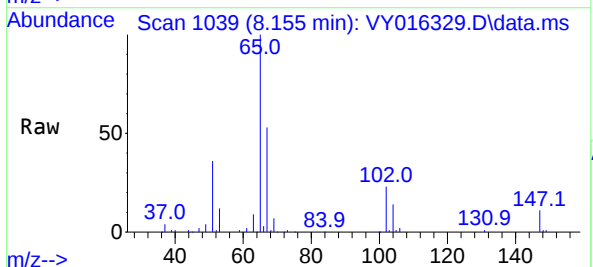
Instrument :
MSVOA_Y
ClientSampleId :



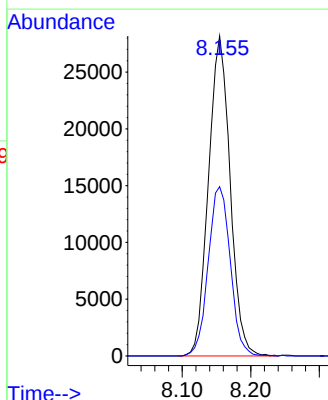
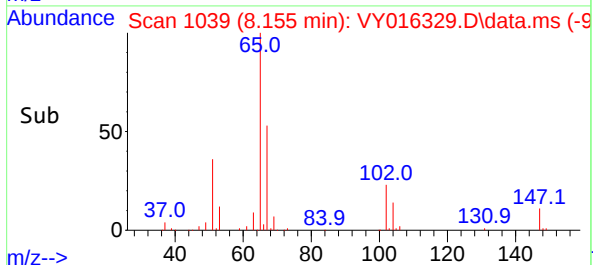
Tgt Ion: 56 Resp: 1859
Ion Ratio Lower Upper
56 100
69 164.8 27.8 41.6#
84 195.8 66.4 99.6#

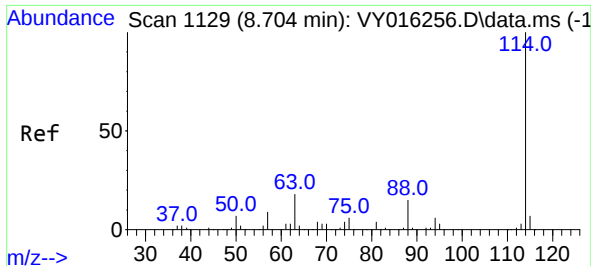


#33
1,2-Dichloroethane-d4
Concen: 68.668 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42



Tgt Ion: 65 Resp: 61753
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8

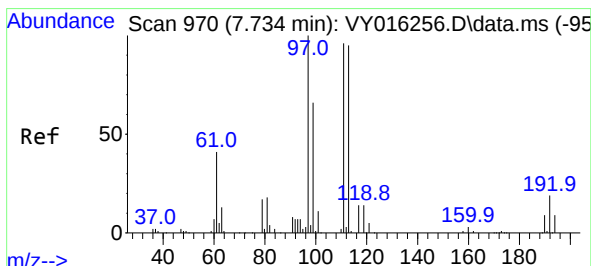
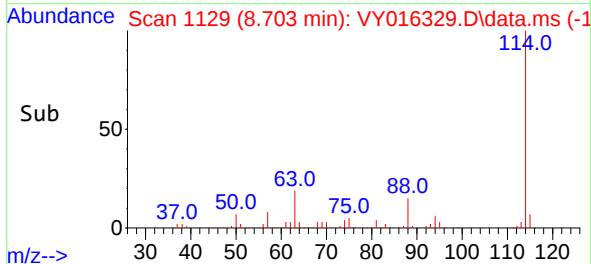
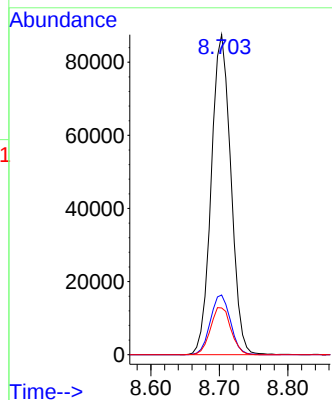
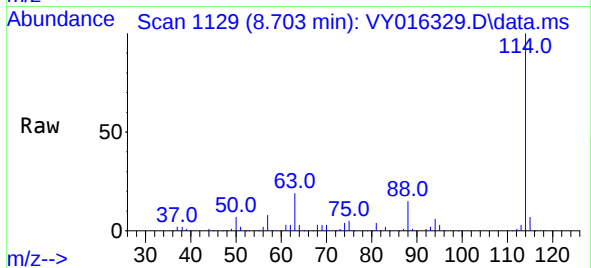




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

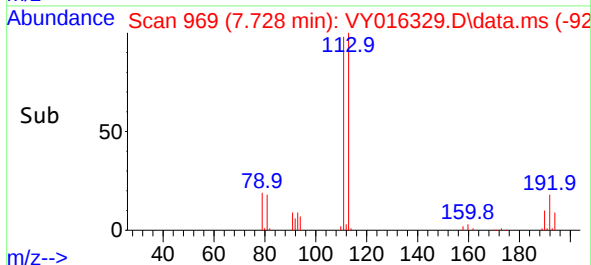
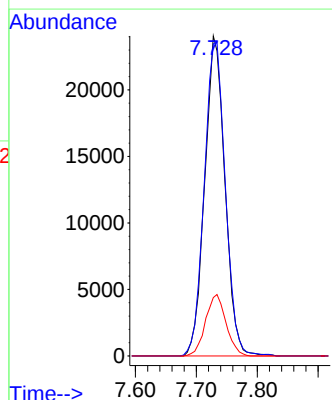
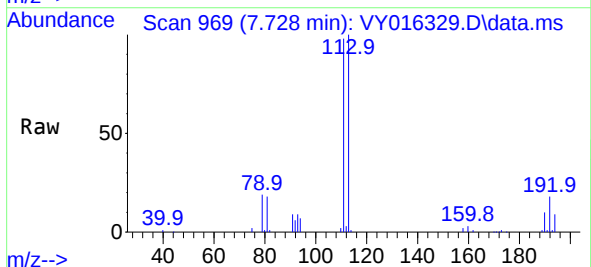
Instrument :
MSVOA_Y
ClientSampleId :

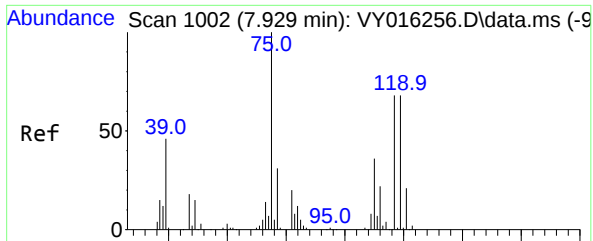
Tgt Ion:114 Resp: 173772
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.095 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

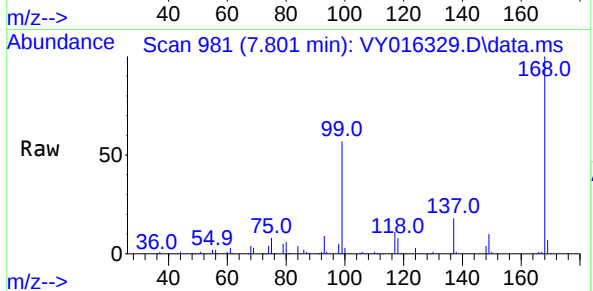
Tgt Ion:113 Resp: 55373
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.5 16.9 25.3



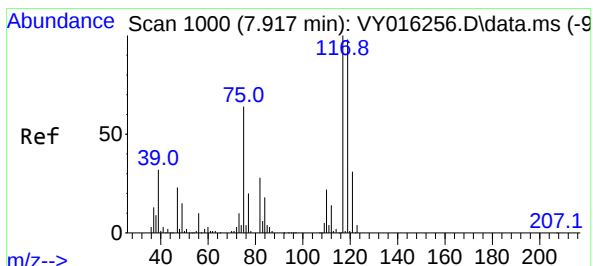
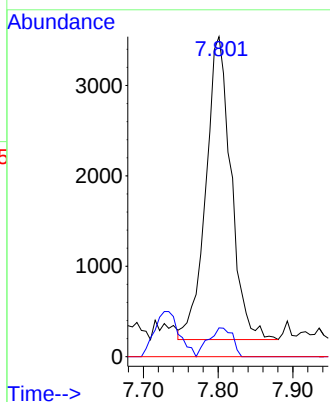
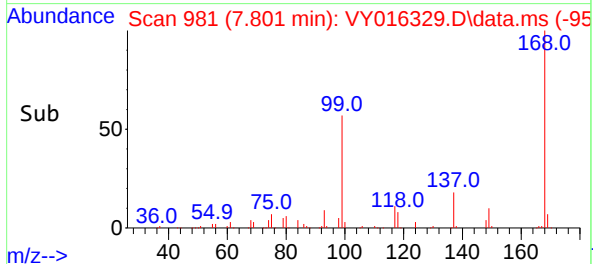


#36
1,1-Dichloropropene
Concen: 4.574 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

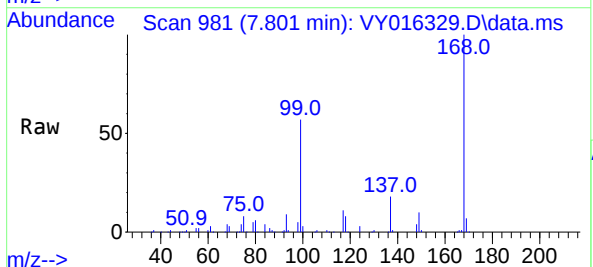
Instrument :
MSVOA_Y
ClientSampleId :



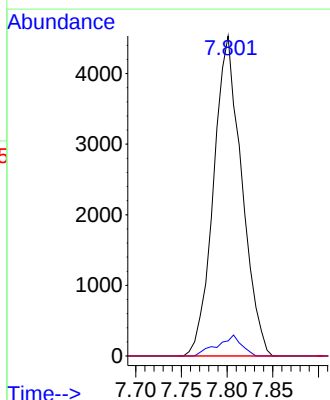
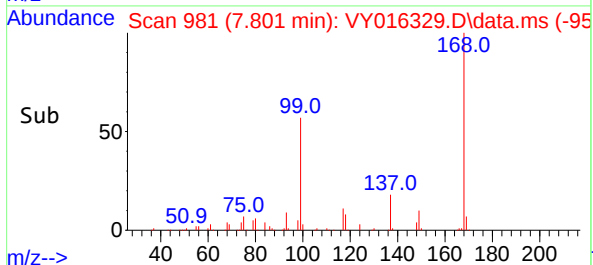
Tgt Ion: 75 Resp: 7840
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#

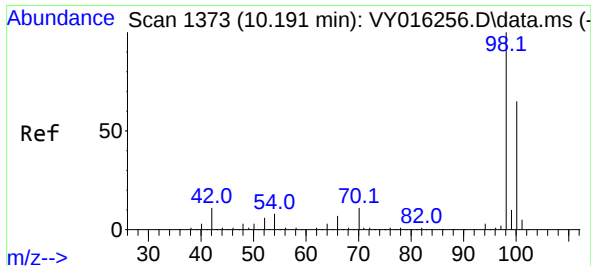


#38
Carbon Tetrachloride
Concen: 5.464 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42



Tgt Ion: 117 Resp: 9721
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#

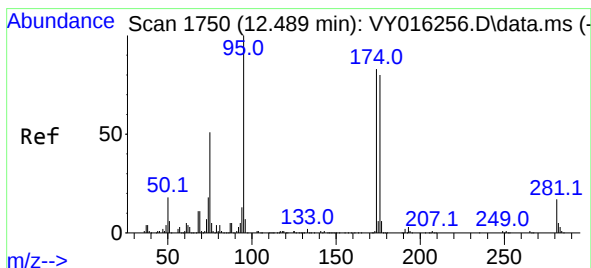
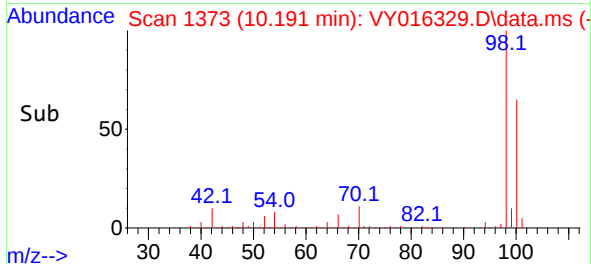
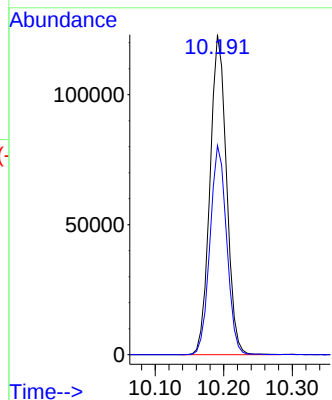
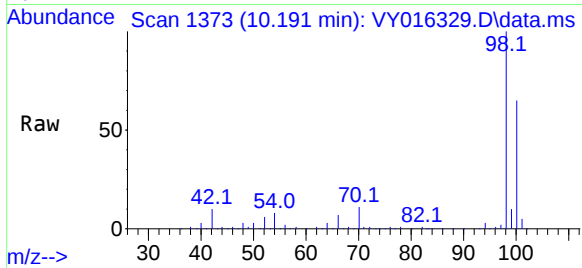




#50
Toluene-d8
Concen: 51.598 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

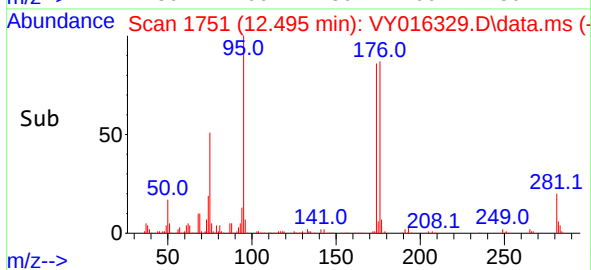
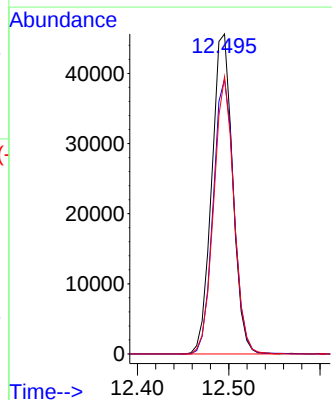
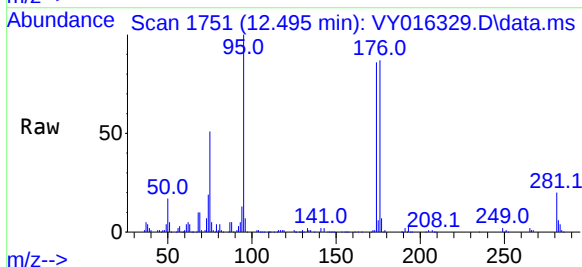
Instrument :
MSVOA_Y
ClientSampleId :

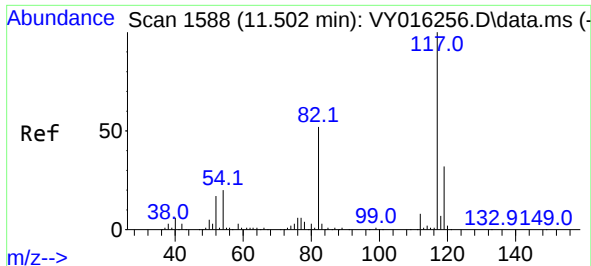
Tgt Ion: 98 Resp: 206549
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.828 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

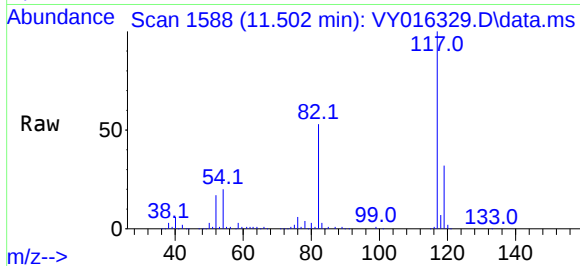
Tgt Ion: 95 Resp: 72584
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 83.4 0.0 173.8



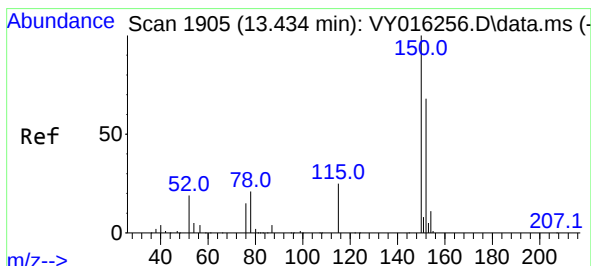
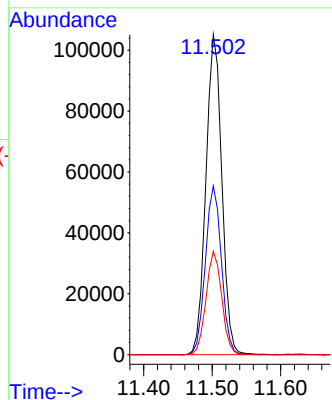
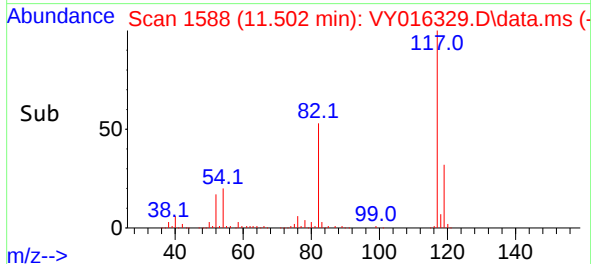


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

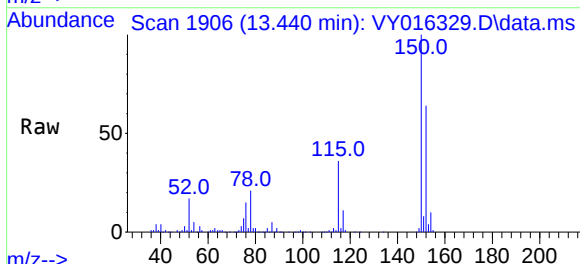
Instrument :
MSVOA_Y
ClientSampleId :



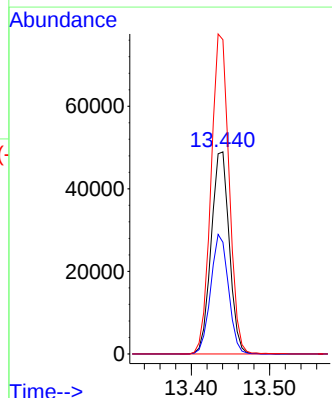
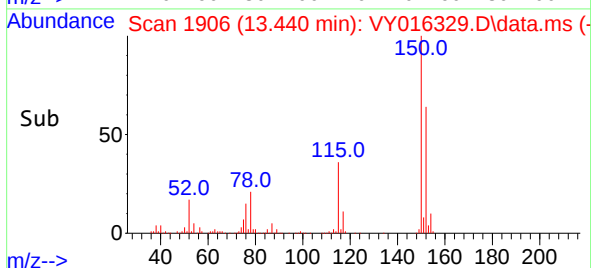
Tgt Ion:117 Resp: 170321
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.3 26.3 39.5

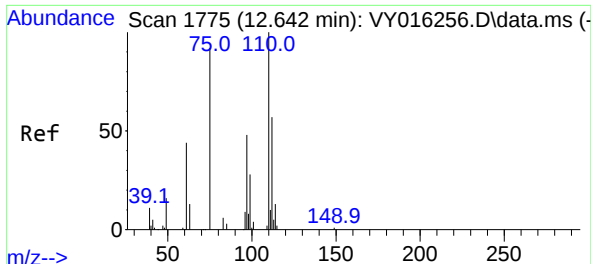


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42



Tgt Ion:152 Resp: 78552
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 158.2 0.0 348.8

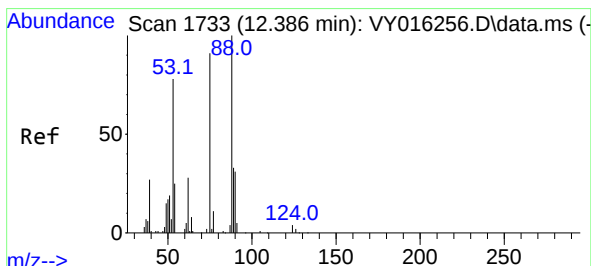
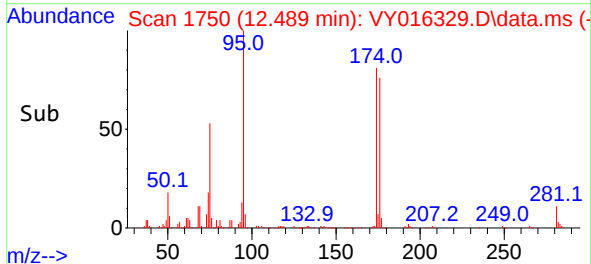
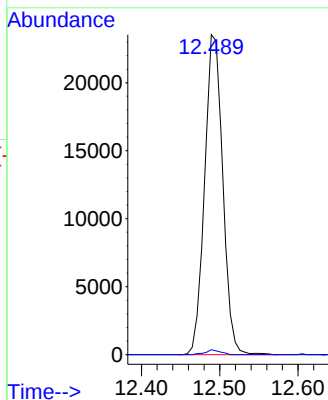
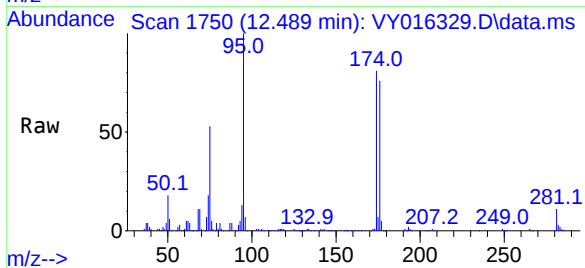




#76
1,2,3-Trichloropropane
Concen: 50.192 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37822
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.947 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

Tgt Ion: 75 Resp: 37822
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

