

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016320.D
 Acq On : 13 Nov 2023 12:20
 Operator : SY/MD
 Sample : 05376-01
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:37:20 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)

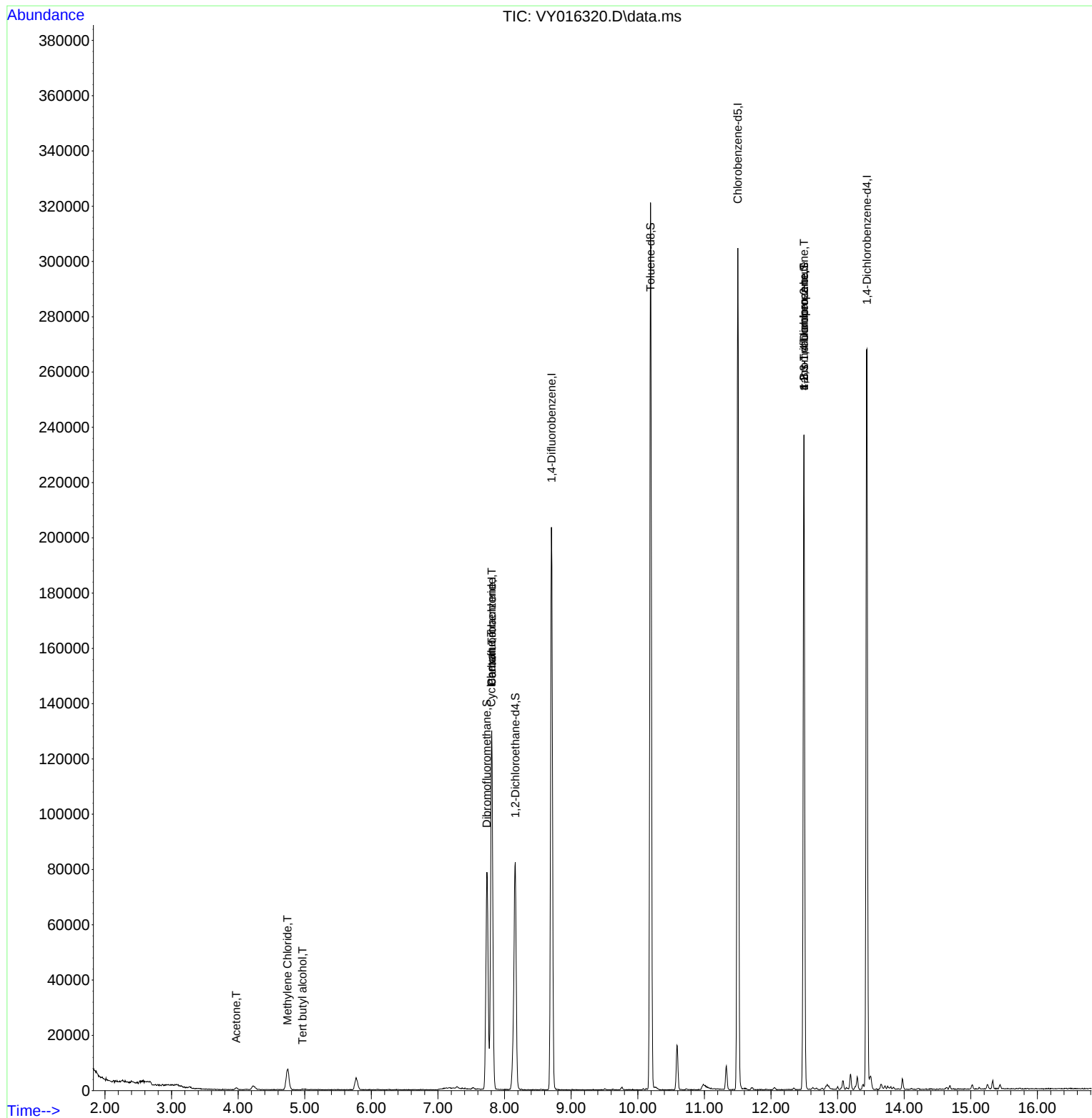
Internal Standards						
1) Pentafluorobenzene	7.807	168	102080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	182048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	169274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	71602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	61194	65.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.180%	
35) Dibromofluoromethane	7.734	113	56124	54.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.540%	
50) Toluene-d8	10.191	98	211477	50.428	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.496	95	68802	50.514	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.020%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.966	59	364	4.982	ug/l #	89
16) Acetone	3.973	43	1058	6.856	ug/l #	87
20) Methylene Chloride	4.741	84	6371	2.540	ug/l #	75
31) Cyclohexane	7.801	56	2011	1.095	ug/l #	1
38) Carbon Tetrachloride	7.807	117	10049	5.392	ug/l #	17
76) 1,2,3-Trichloropropane	12.496	75	35858	52.205	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	35858	113.315	ug/l #	10

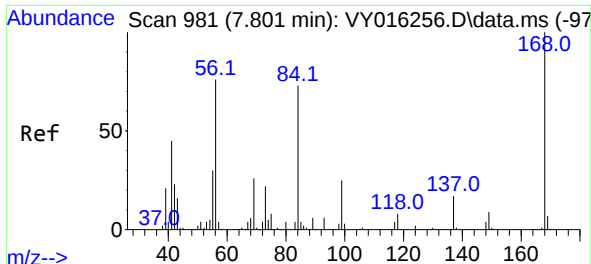
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016320.D
Acq On : 13 Nov 2023 12:20
Operator : SY/MD
Sample : 05376-01
Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 14 04:37:20 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

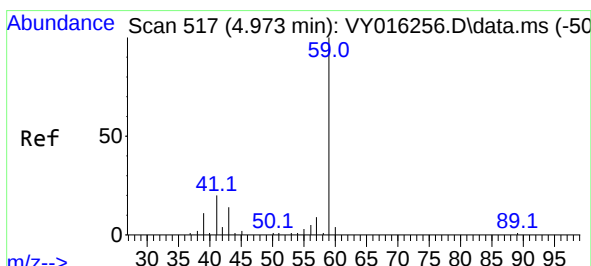
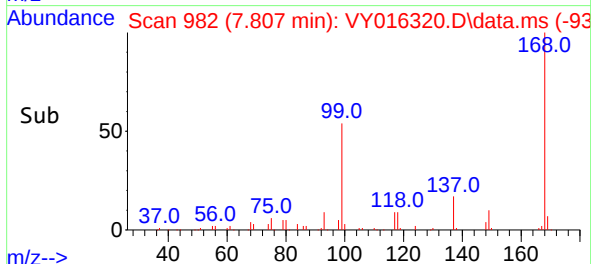
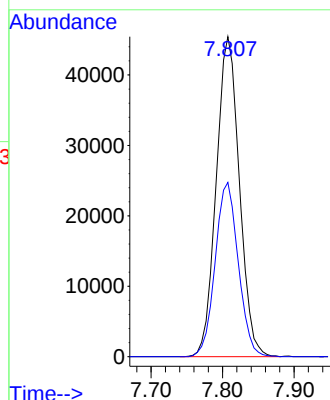
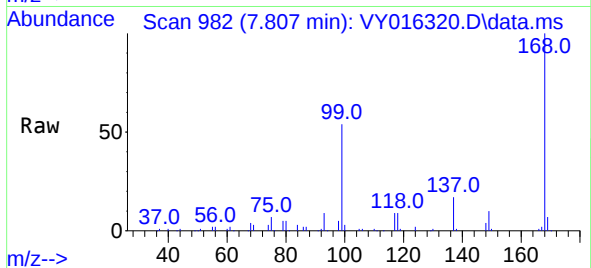




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

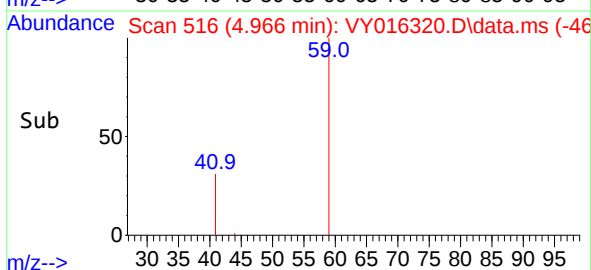
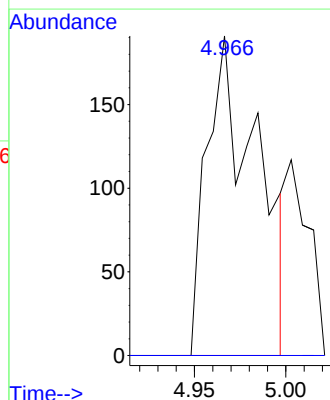
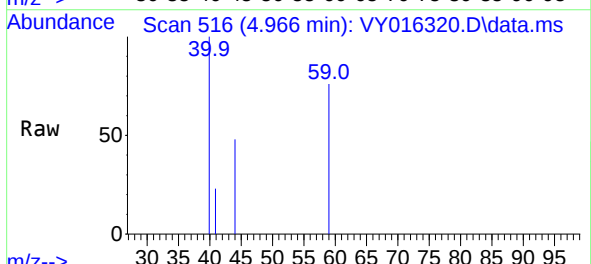
Instrument :
MSVOA_Y
ClientSampleId :

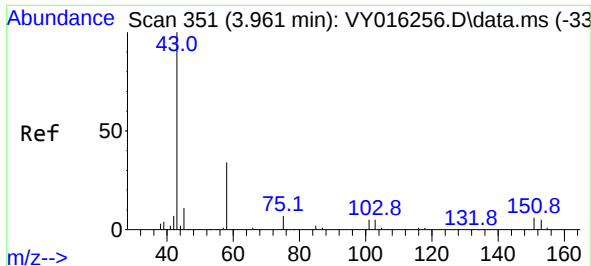
Tgt Ion:168 Resp: 102080
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.982 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

Tgt Ion: 59 Resp: 364
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

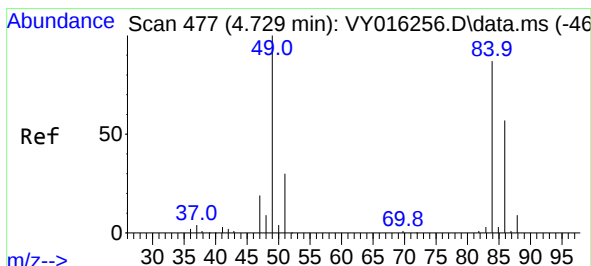
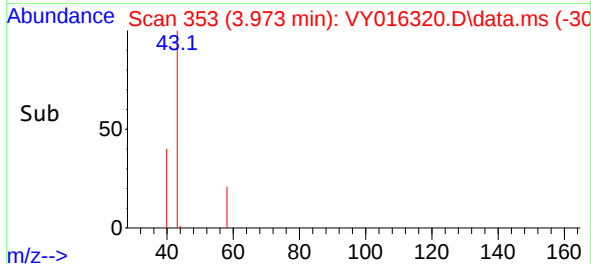
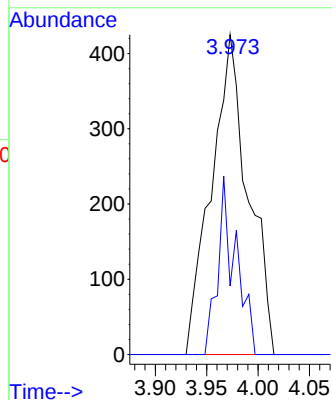
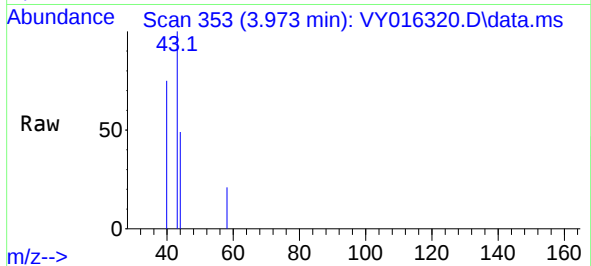




#16
Acetone
Concen: 6.856 ug/l
RT: 3.973 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

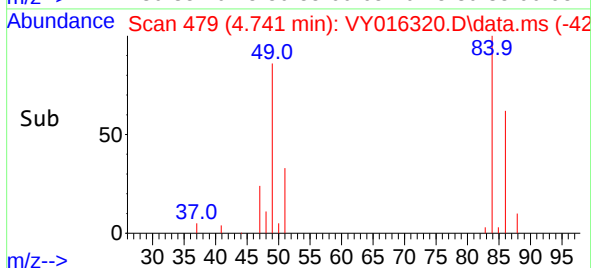
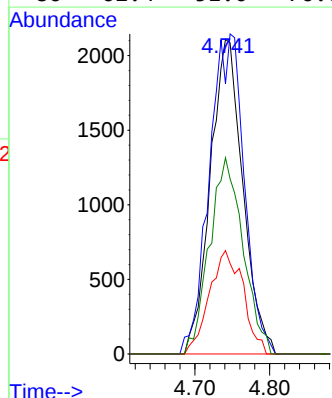
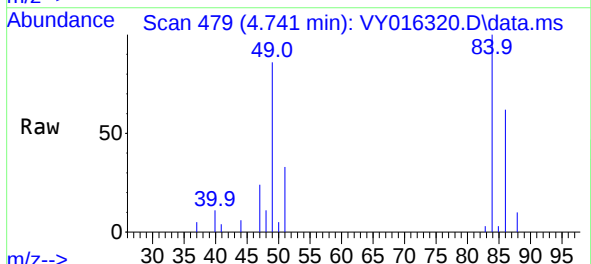
Instrument :
MSVOA_Y
ClientSampleId :

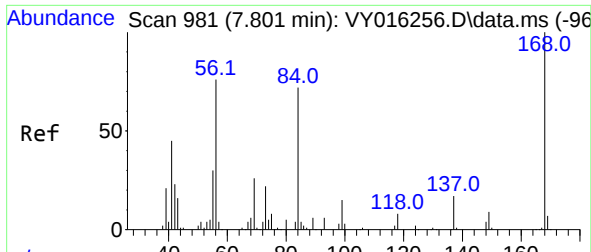
Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
58 21.4 22.7 34.1#



#20
Methylene Chloride
Concen: 2.540 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

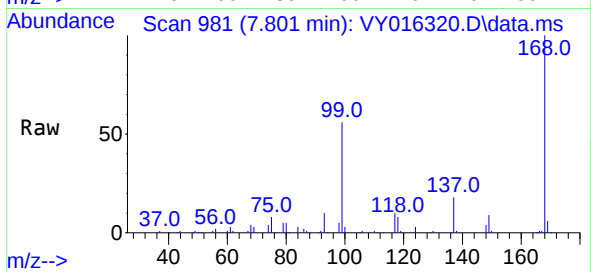
Tgt Ion: 84 Resp: 6371
Ion Ratio Lower Upper
84 100
49 85.9 106.9 160.3#
51 32.9 33.2 49.8#
86 62.4 51.0 76.6



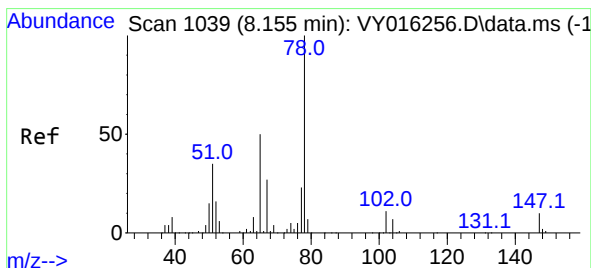
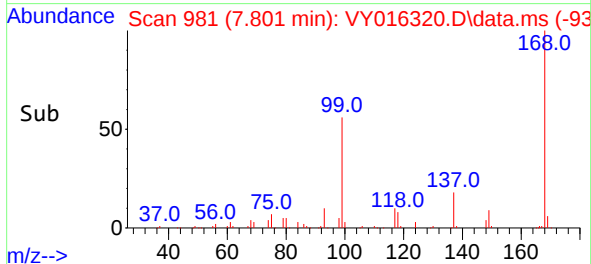
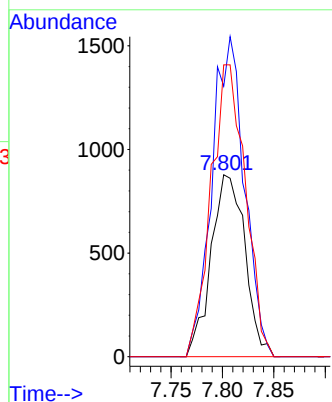


#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

Instrument :
MSVOA_Y
ClientSampleId :

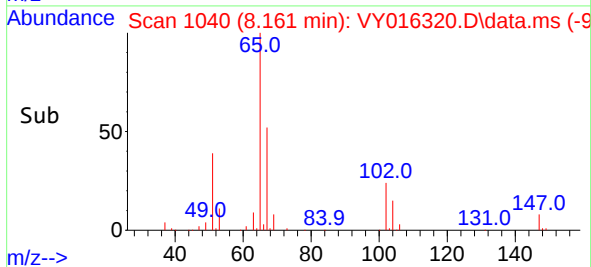
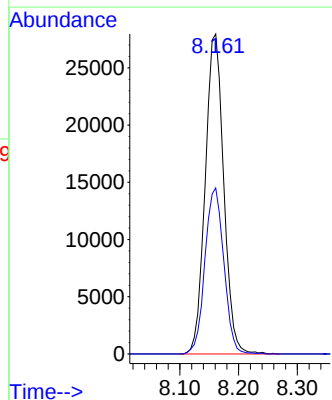
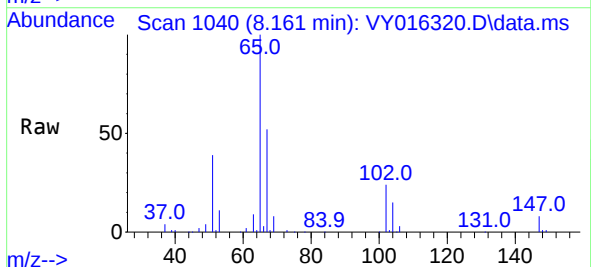


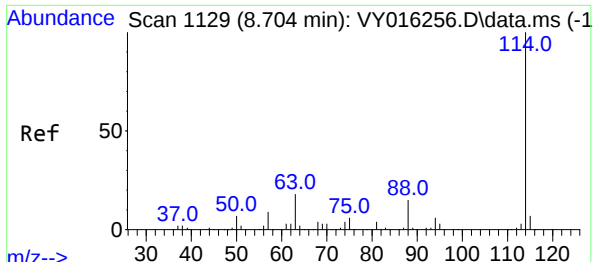
Tgt Ion: 56 Resp: 2011
Ion Ratio Lower Upper
56 100
69 148.6 27.8 41.6#
84 160.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 65.590 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

Tgt Ion: 65 Resp: 61194
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8

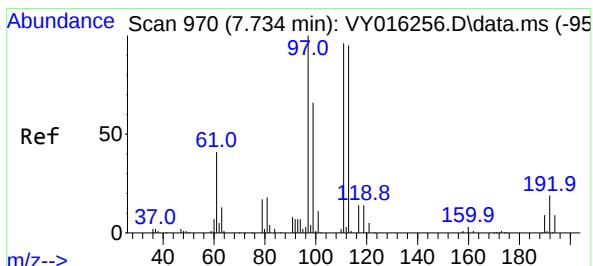
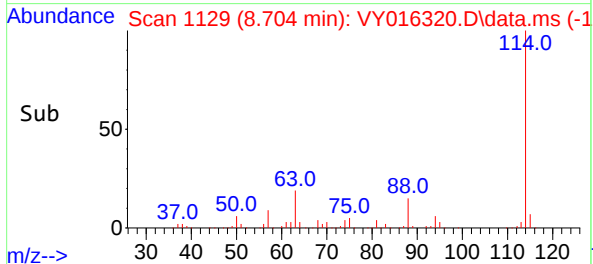
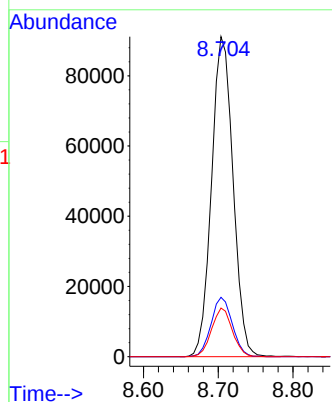
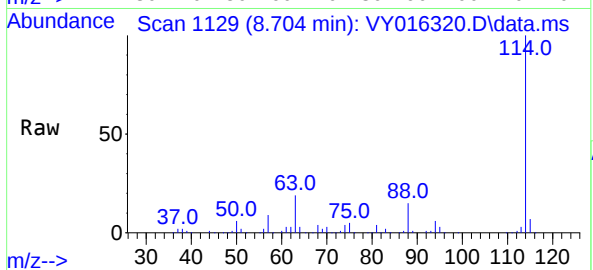




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

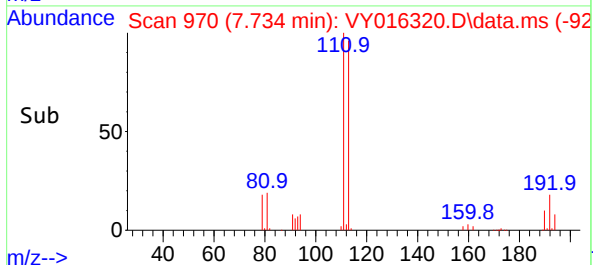
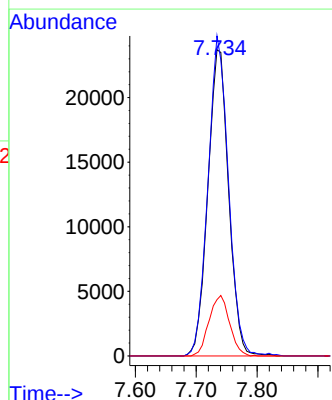
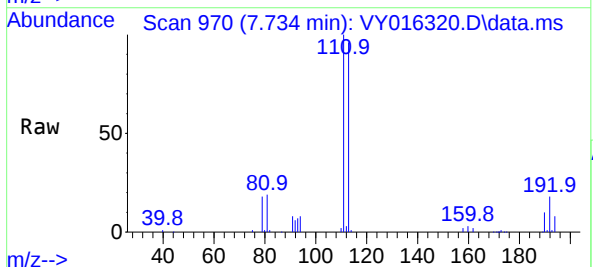
Instrument :
MSVOA_Y
ClientSampleId :

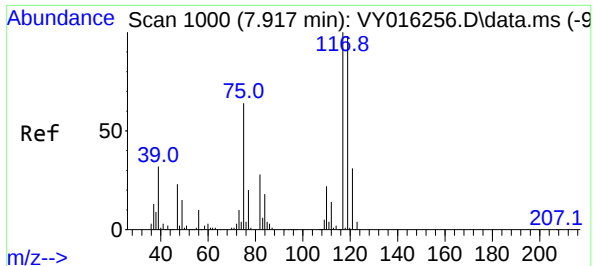
Tgt Ion:114 Resp: 182048
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.271 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

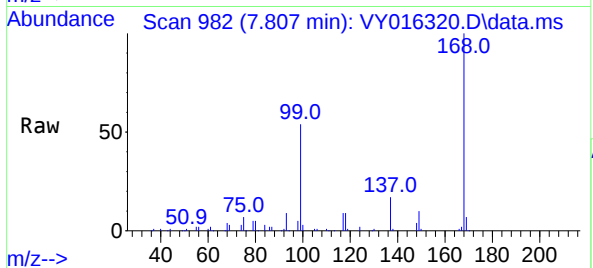
Tgt Ion:113 Resp: 56124
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.6 16.9 25.3



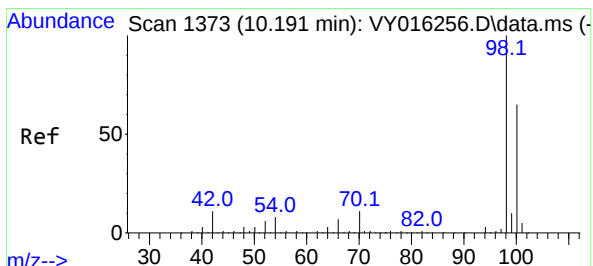
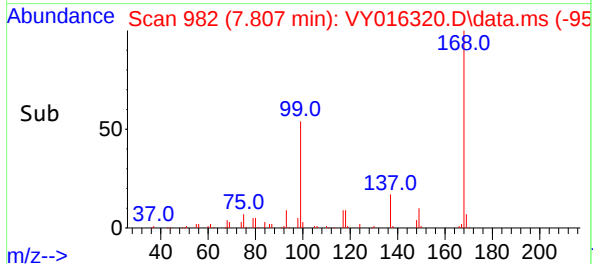
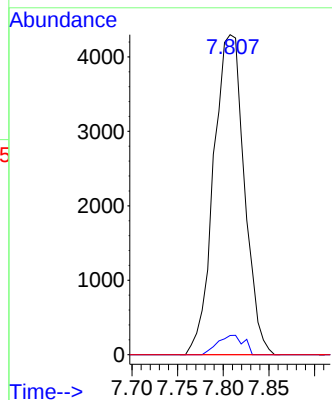


#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

Instrument :
MSVOA_Y
ClientSampleId :

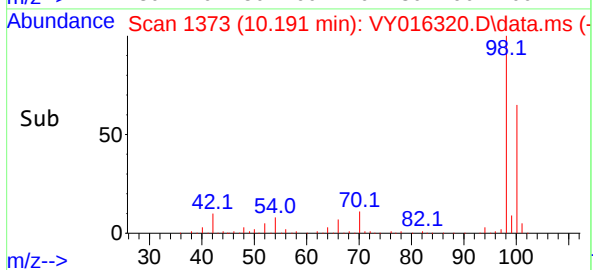
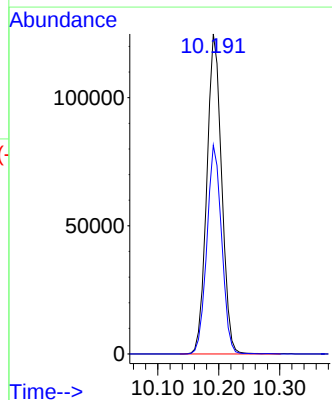
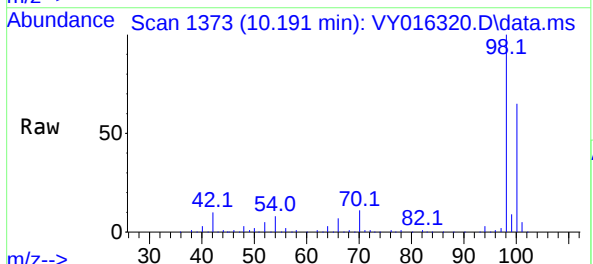


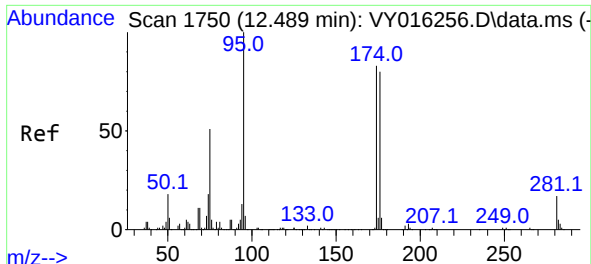
Tgt Ion:117 Resp: 10049
Ion Ratio Lower Upper
117 100
119 6.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.428 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

Tgt Ion: 98 Resp: 211477
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

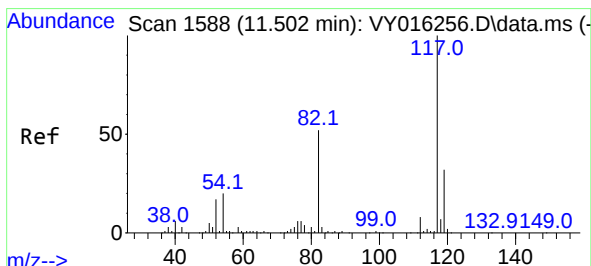
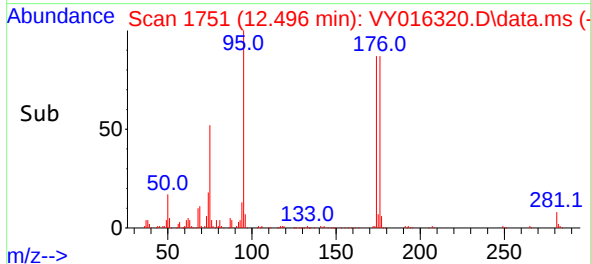
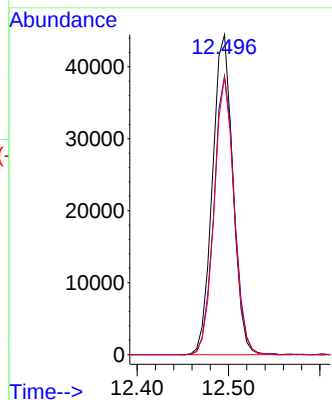
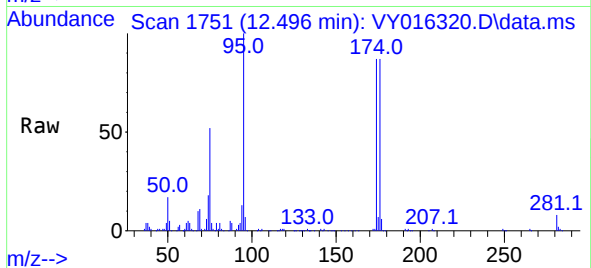




#62
4-Bromofluorobenzene
Concen: 50.514 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

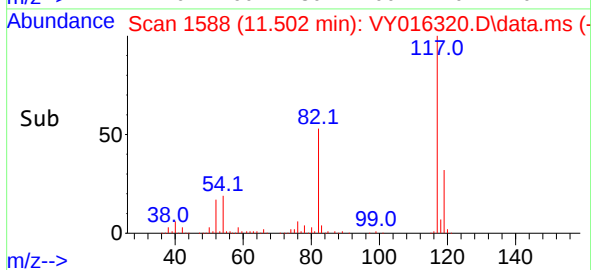
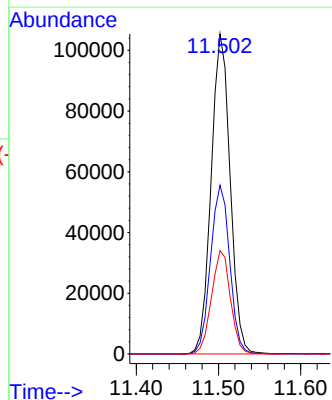
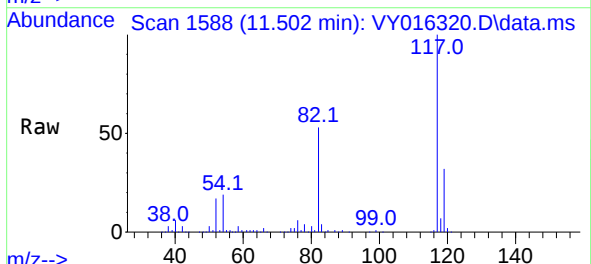
Instrument :
MSVOA_Y
ClientSampleId :

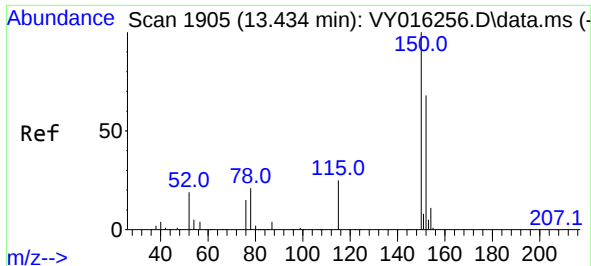
Tgt Ion: 95 Resp: 68802
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 84.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

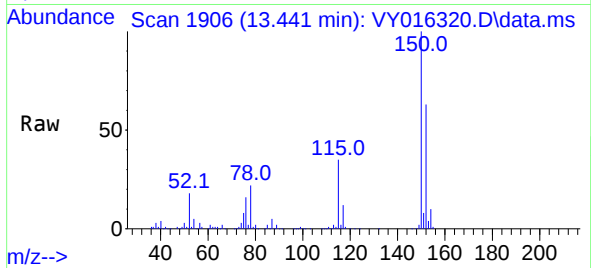
Tgt Ion: 117 Resp: 169274
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.3 26.3 39.5



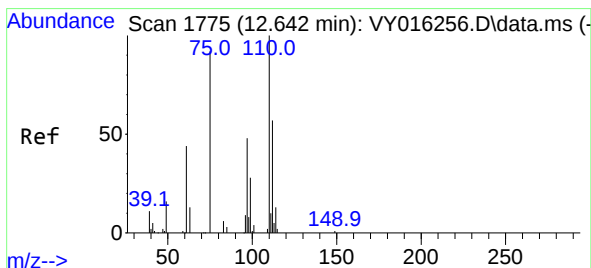
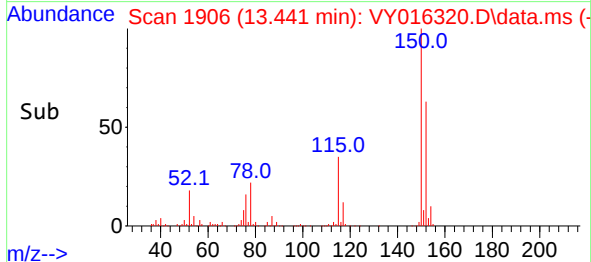
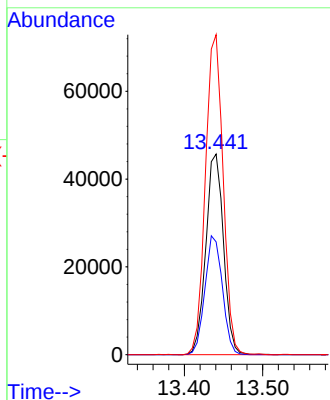


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.441 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

Instrument :
MSVOA_Y
ClientSampleId :

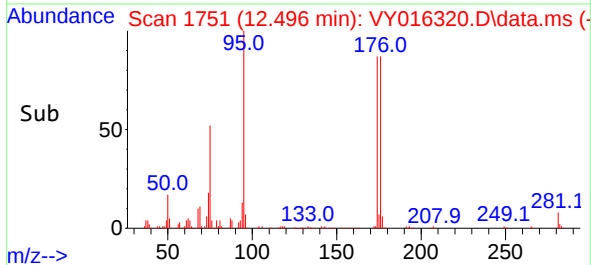
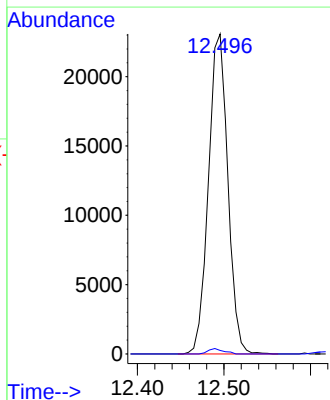
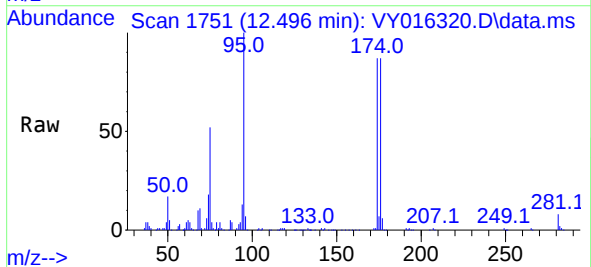


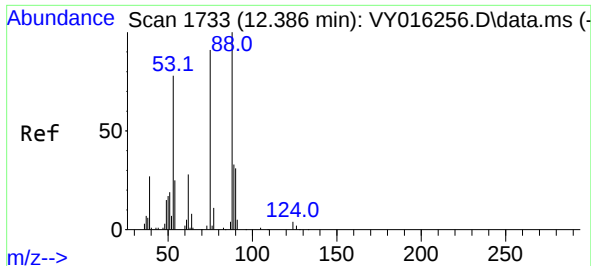
Tgt Ion:152 Resp: 71602
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.5
150 159.3 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 52.205 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

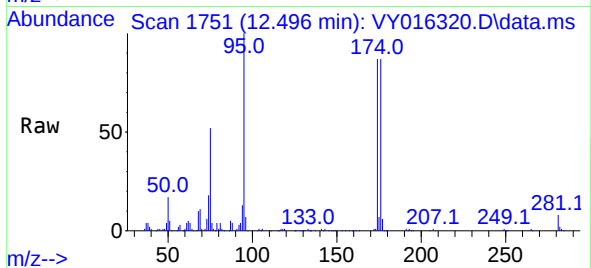
Tgt Ion: 75 Resp: 35858
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.315 ug/l
 RT: 12.496 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016320.D
 Acq: 13 Nov 2023 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 35858

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

