

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015466.D
 Acq On : 07 Sep 2023 14:00
 Operator : SY/MD
 Sample : 04321-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:09:04 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)

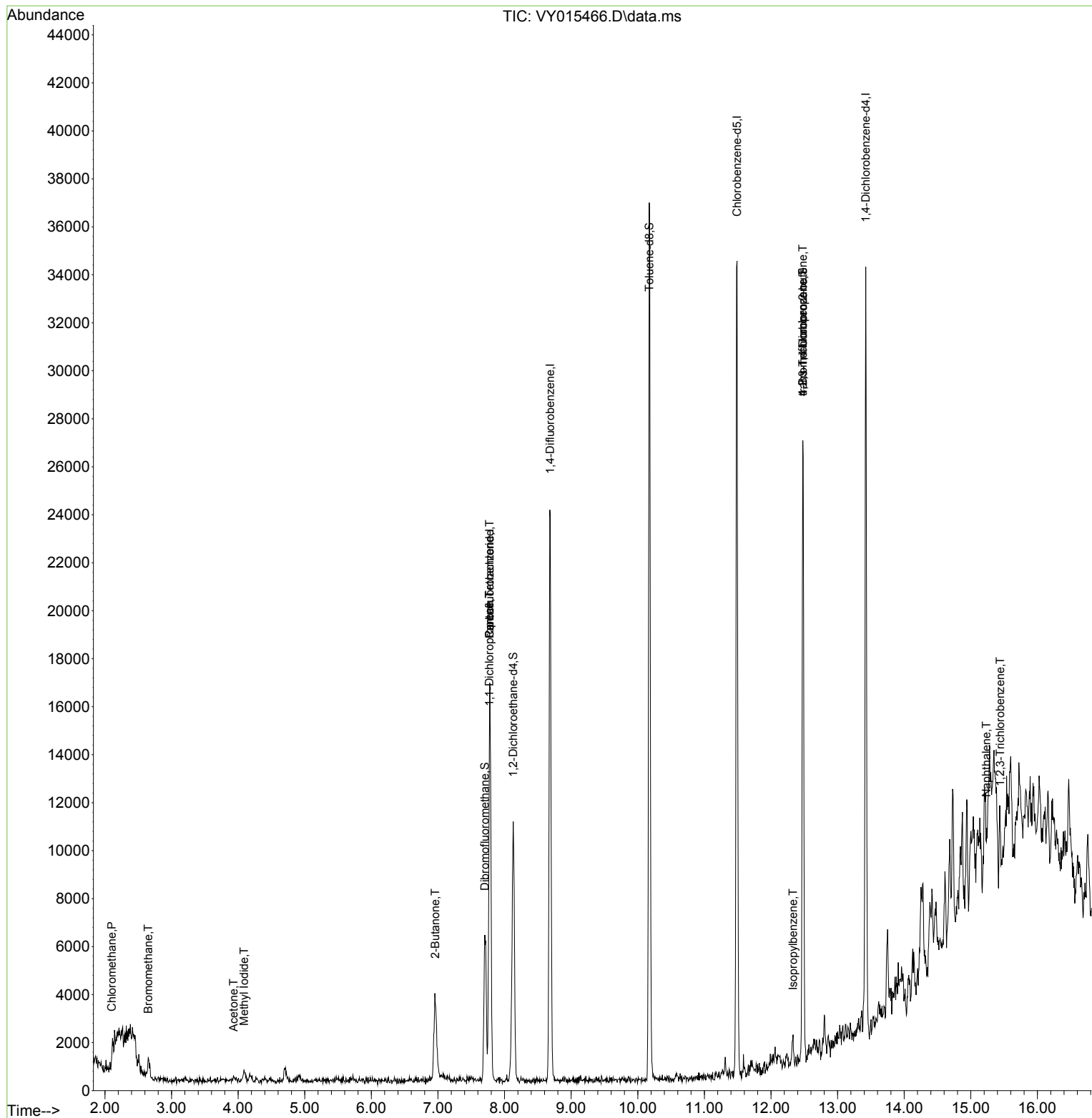
Internal Standards						
1) Pentafluorobenzene	7.777	168	13161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	20994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	19066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	8364	59.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.560%
35) Dibromofluoromethane	7.704	113	4917	40.663	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.320%
50) Toluene-d8	10.173	98	24413	55.750	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.500%
62) 4-Bromofluorobenzene	12.477	95	8398	51.660	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.320%
Target Compounds						
						Qvalue
3) Chloromethane	2.101	50	262	1.724	ug/l #	43
5) Bromomethane	2.650	94	545	4.331	ug/l	82
10) Methyl Iodide	4.088	142	687	4.219	ug/l #	87
11) Tert butyl alcohol	4.924	59	185	Below Cal	#	89
16) Acetone	3.930	43	316	5.366	ug/l #	46
20) Methylene Chloride	4.698	84	489	Below Cal	#	68
25) 2-Butanone	6.960	43	188	2.251	ug/l #	49
36) 1,1-Dichloropropene	7.771	75	1108	5.218	ug/l #	41
38) Carbon Tetrachloride	7.777	117	1322	6.029	ug/l #	12
73) Isopropylbenzene	12.331	105	846	1.426	ug/l	84
76) 1,2,3-Trichloropropane	12.477	75	4264	40.712	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	4264	89.806	ug/l #	10
95) Naphthalene	15.233	128	1643	4.172	ug/l	98
96) 1,2,3-Trichlorobenzene	15.440	180	300	2.069	ug/l #	6

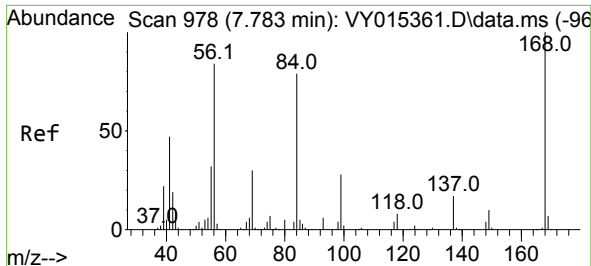
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
Data File : VY015466.D
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Operator : SY/MD
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Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

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MSVOA_Y
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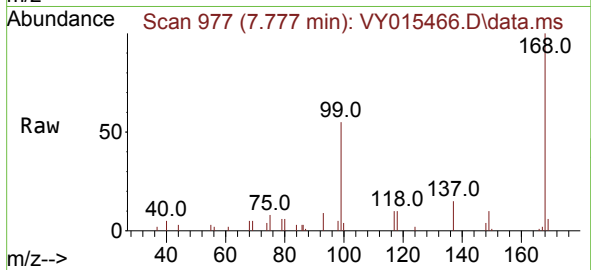
Quant Time: Sep 07 23:09:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



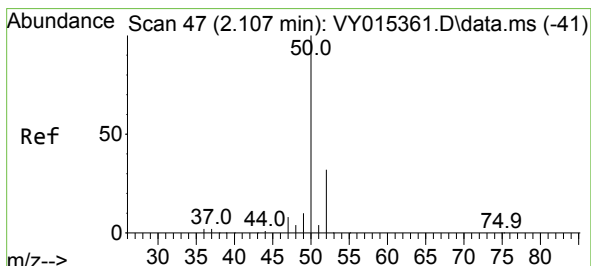
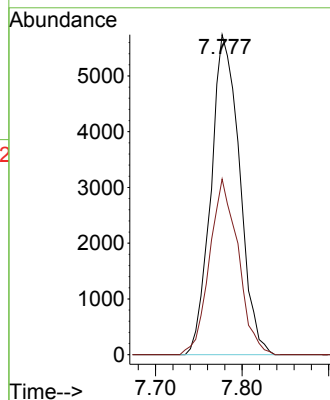
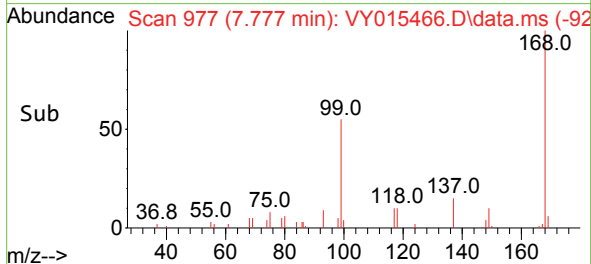


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :

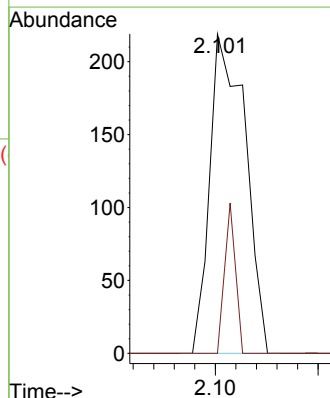
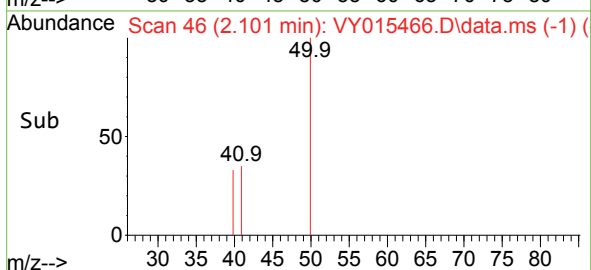
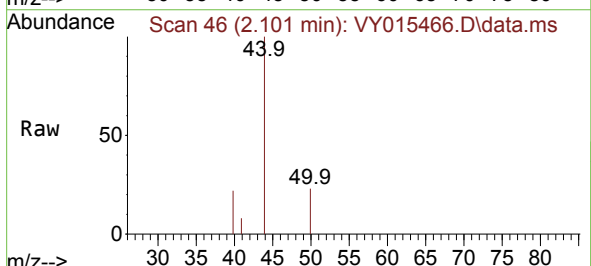


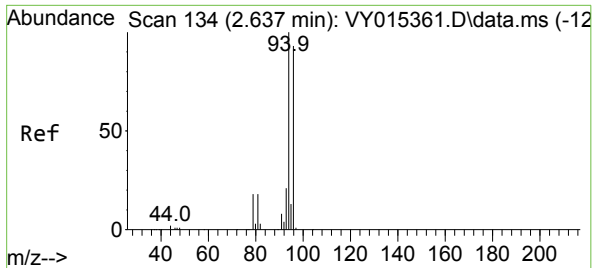
Tgt Ion:168 Resp: 13161
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#3
Chloromethane
Concen: 1.724 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.006 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

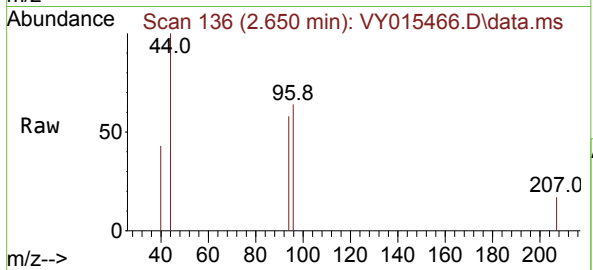
Tgt Ion: 50 Resp: 262
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



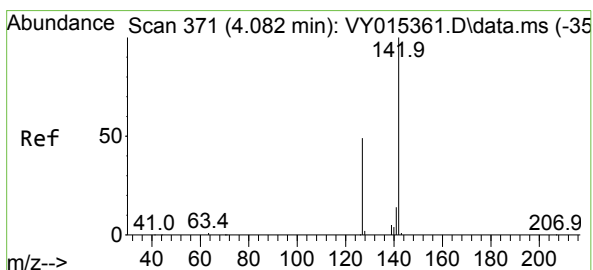
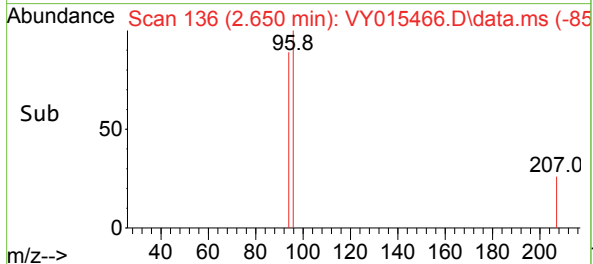
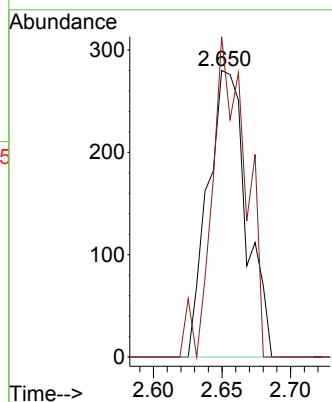


#5
Bromomethane
Concen: 4.331 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :

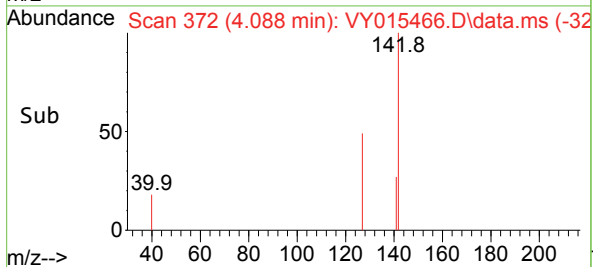
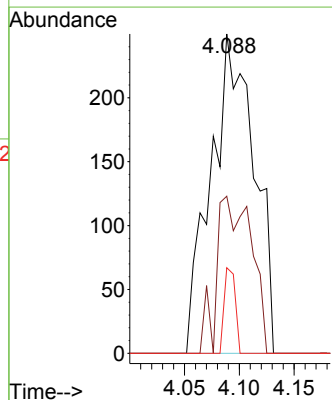
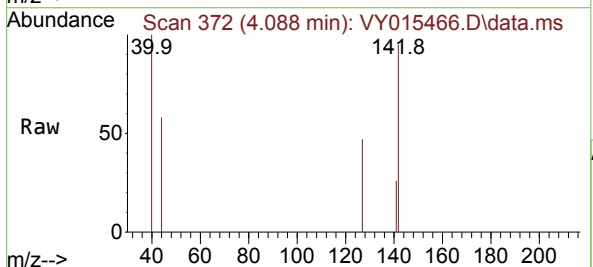


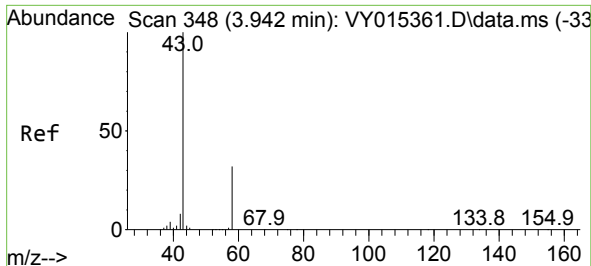
Tgt Ion: 94 Resp: 545
Ion Ratio Lower Upper
94 100
96 111.8 75.8 113.6



#10
Methyl Iodide
Concen: 4.219 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

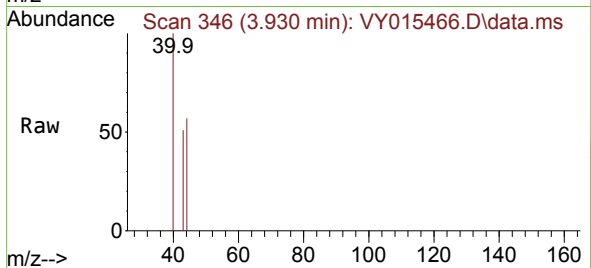
Tgt Ion:142 Resp: 687
Ion Ratio Lower Upper
142 100
127 39.9 37.6 56.4
141 6.8 11.8 17.8#



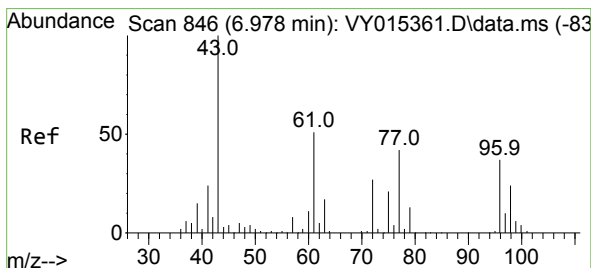
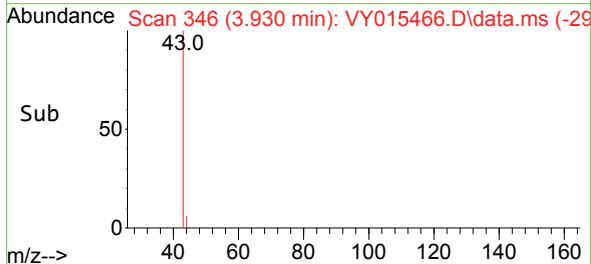
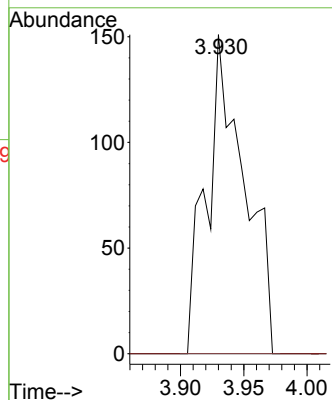


#16
Acetone
Concen: 5.366 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :

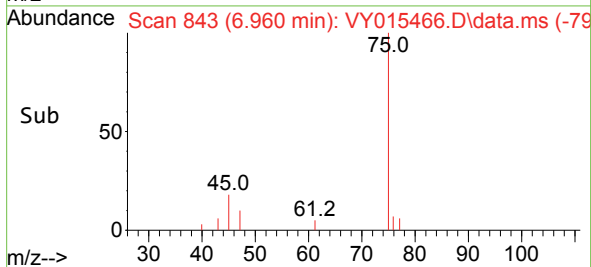
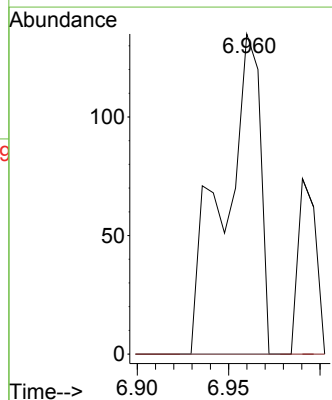
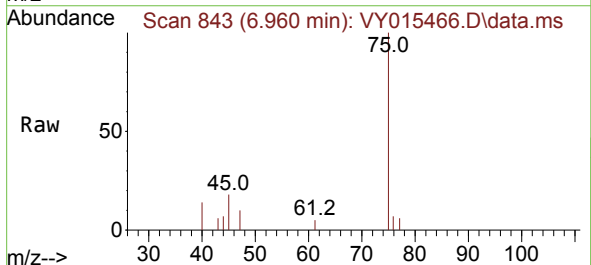


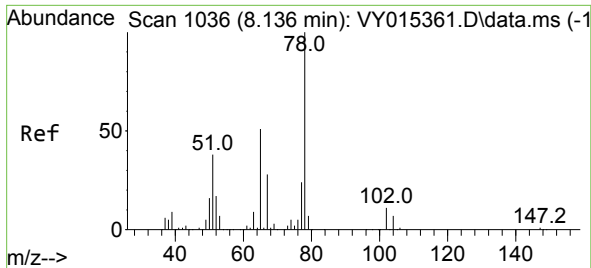
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#25
2-Butanone
Concen: 2.251 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.018 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

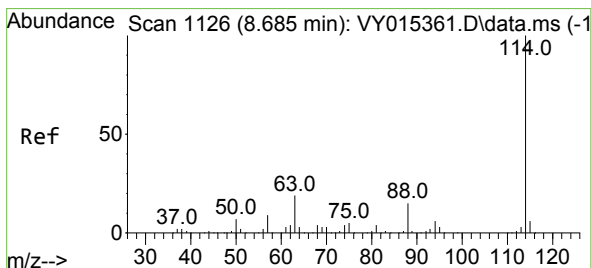
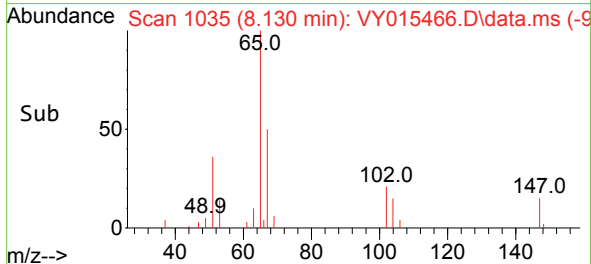
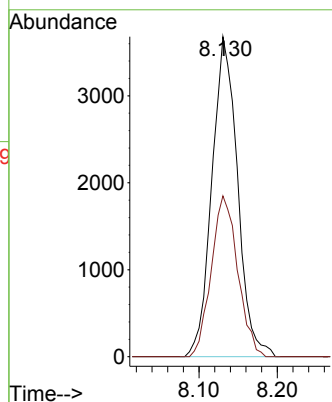
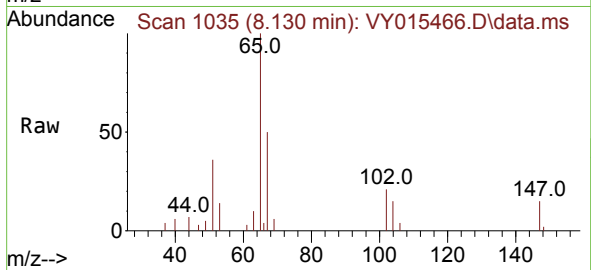




#33
 1,2-Dichloroethane-d4
 Concen: 59.284 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY015466.D
 Acq: 07 Sep 2023 14:00

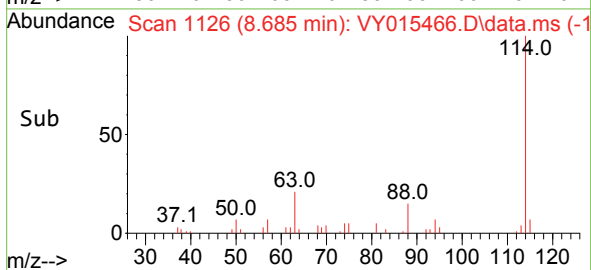
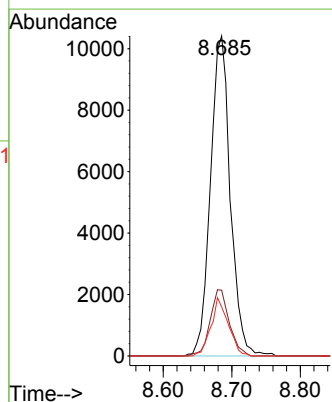
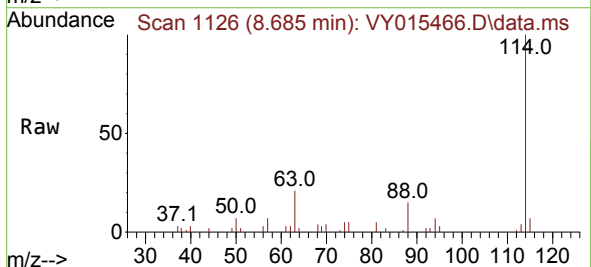
Instrument :
 MSVOA_Y
 ClientSampleId :

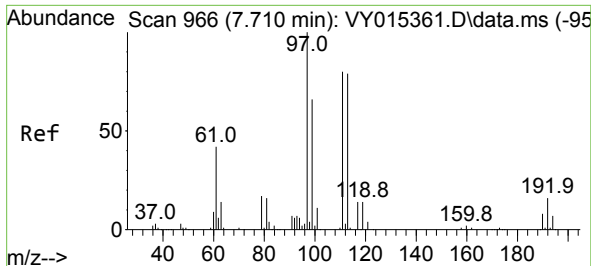
Tgt Ion: 65 Resp: 8364
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015466.D
 Acq: 07 Sep 2023 14:00

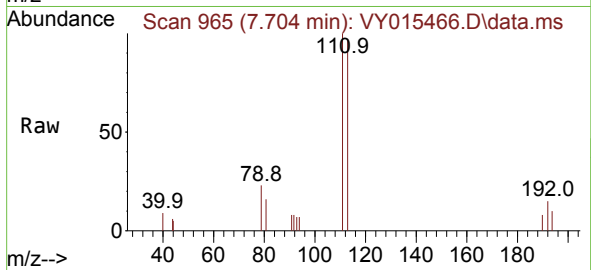
Tgt Ion: 114 Resp: 20994
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.3 0.0 30.6



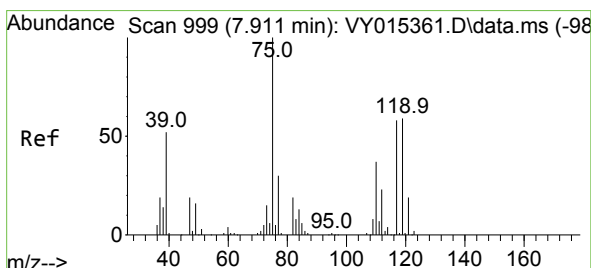
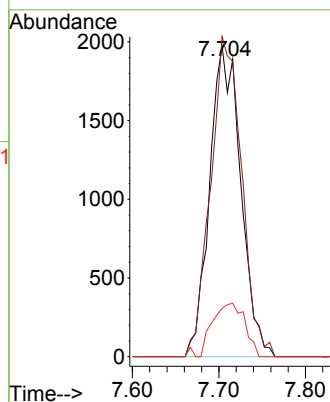
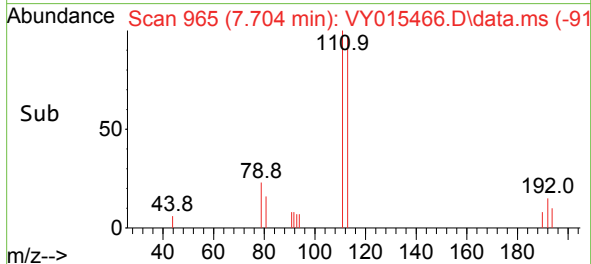


#35
Dibromofluoromethane
Concen: 40.663 ug/l
RT: 7.704 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :

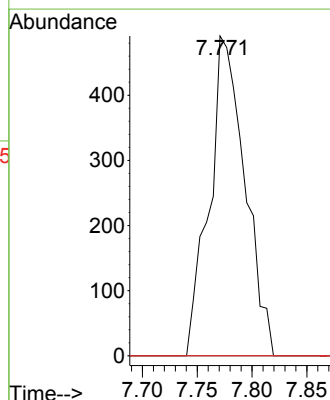
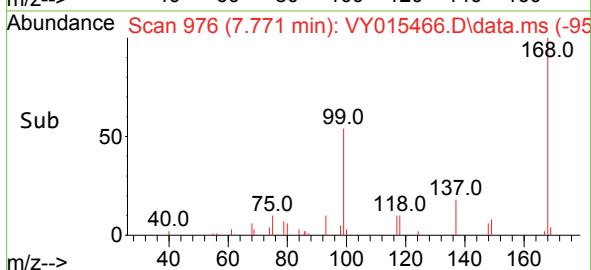
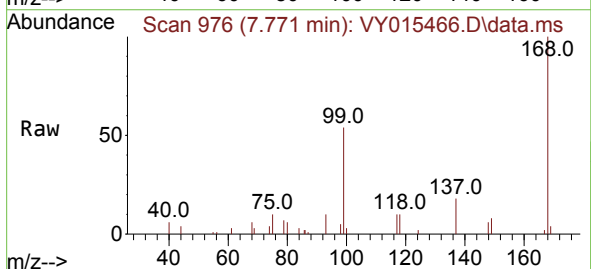


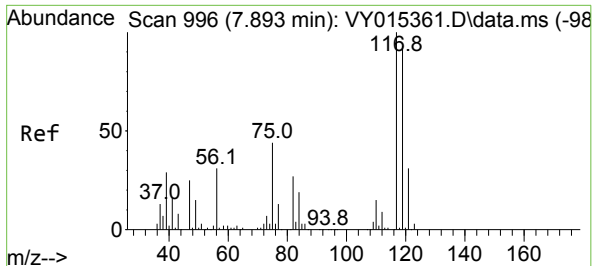
Tgt Ion:113 Resp: 4917
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 18.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.218 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.140 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

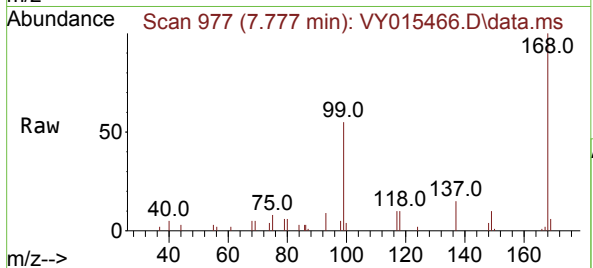
Tgt Ion: 75 Resp: 1108
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



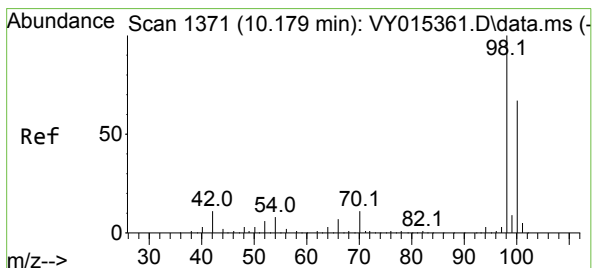
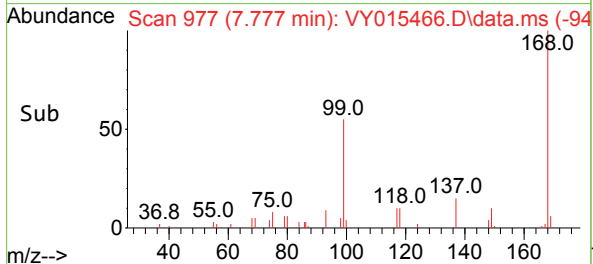
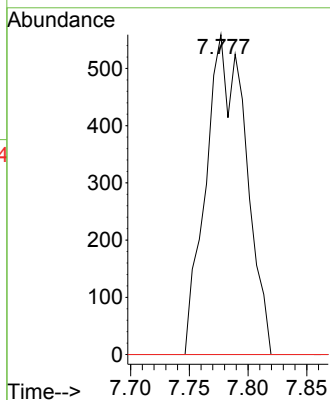


#38
Carbon Tetrachloride
Concen: 6.029 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :

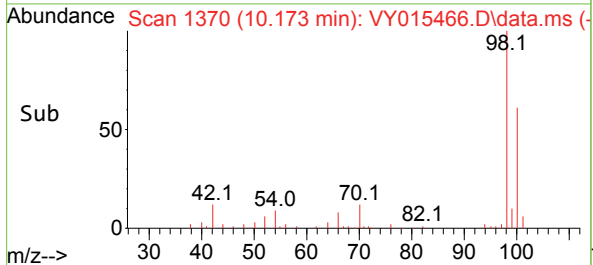
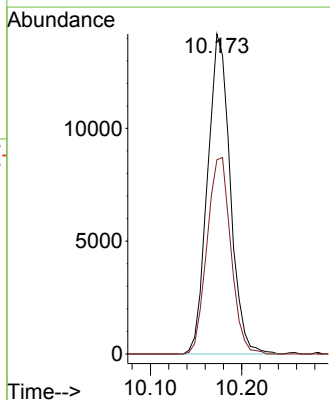
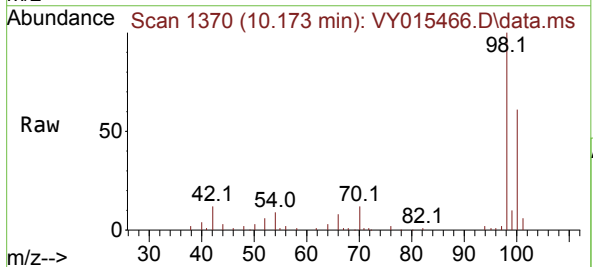


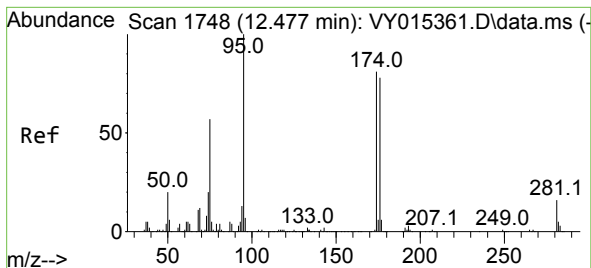
Tgt Ion:117 Resp: 1322
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.750 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

Tgt Ion: 98 Resp: 24413
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

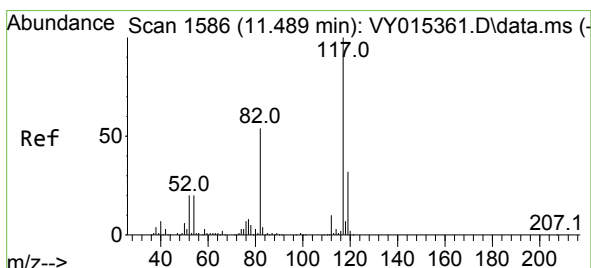
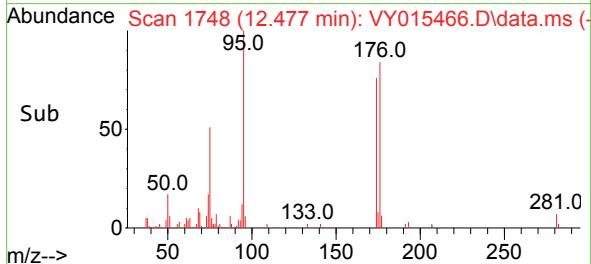
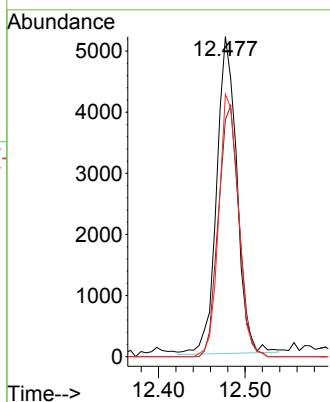
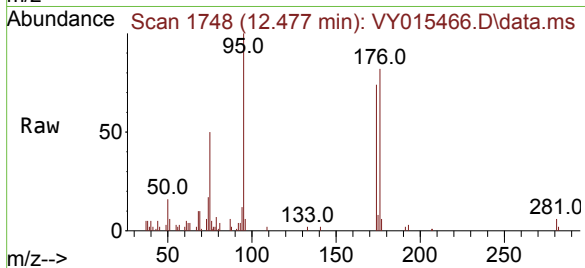




#62
4-Bromofluorobenzene
Concen: 51.660 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

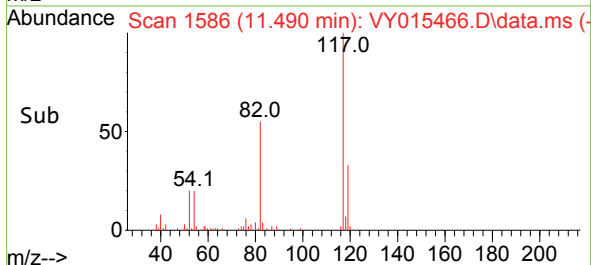
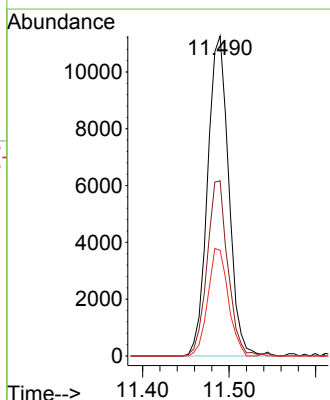
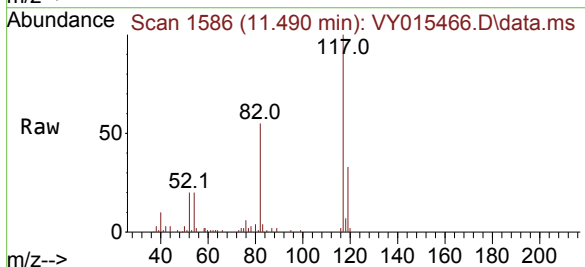
Instrument :
MSVOA_Y
ClientSampleId :

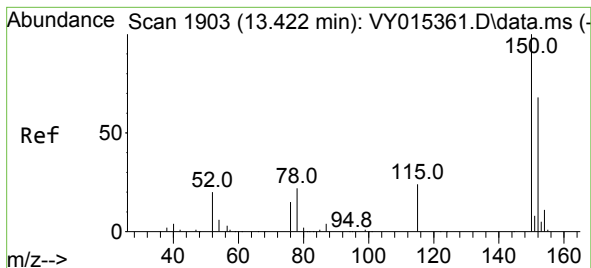
Tgt Ion: 95 Resp: 8398
Ion Ratio Lower Upper
95 100
174 80.8 0.0 178.2
176 80.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

Tgt Ion: 117 Resp: 19066
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 33.0 26.3 39.5

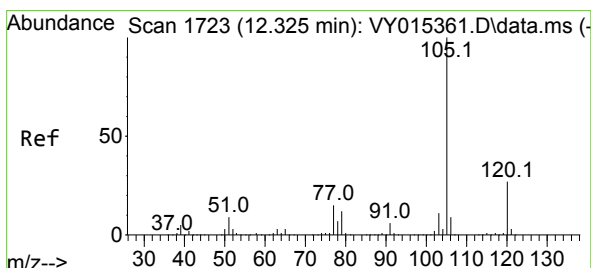
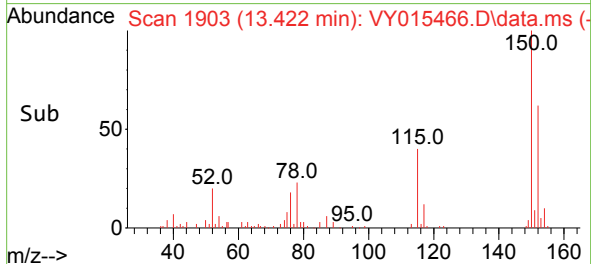
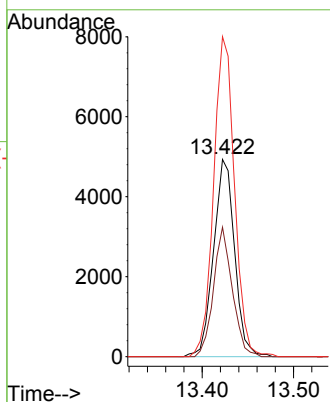
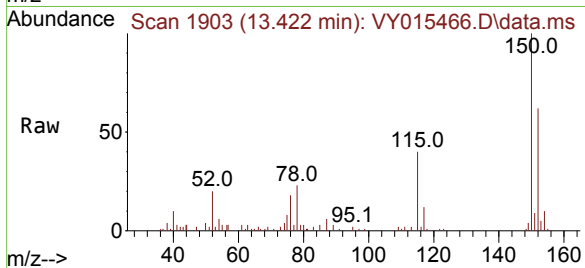




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015466.D
 Acq: 07 Sep 2023 14:00

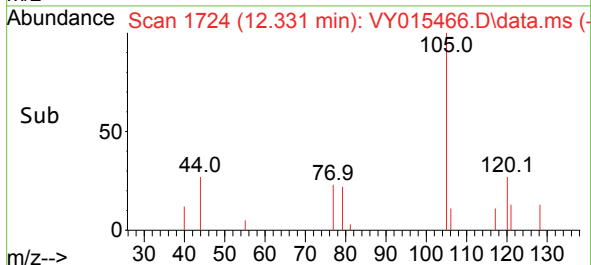
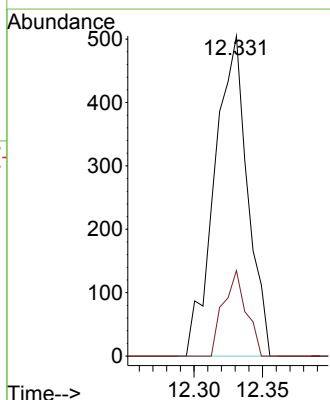
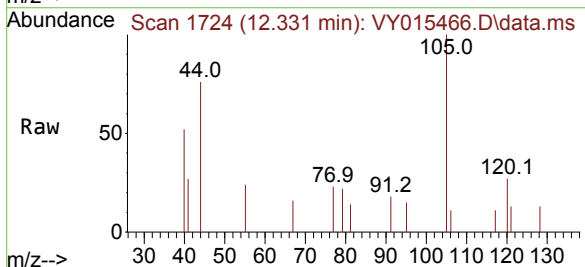
Instrument :
 MSVOA_Y
 ClientSampleId :

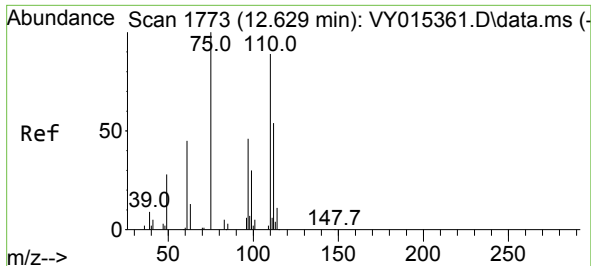
Tgt Ion:152 Resp: 7898
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.8 86.5
 150 160.6 0.0 348.8



#73
 Isopropylbenzene
 Concen: 1.426 ug/l
 RT: 12.331 min Scan# 1724
 Delta R.T. 0.006 min
 Lab File: VY015466.D
 Acq: 07 Sep 2023 14:00

Tgt Ion:105 Resp: 846
 Ion Ratio Lower Upper
 105 100
 120 18.6 13.3 39.9

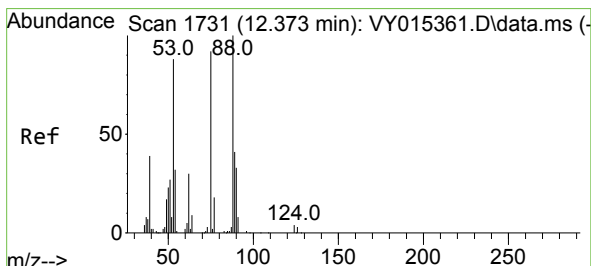
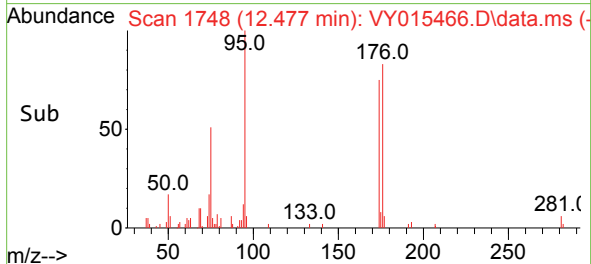
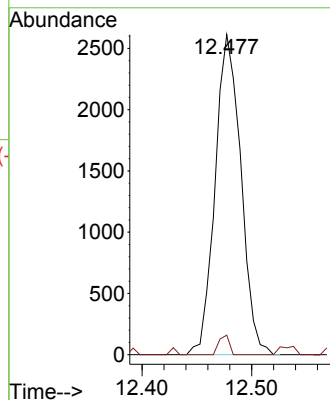
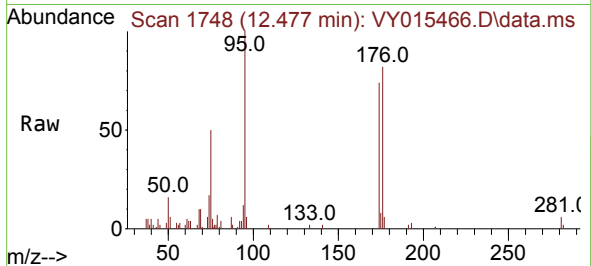




#76
1,2,3-Trichloropropane
Concen: 40.712 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

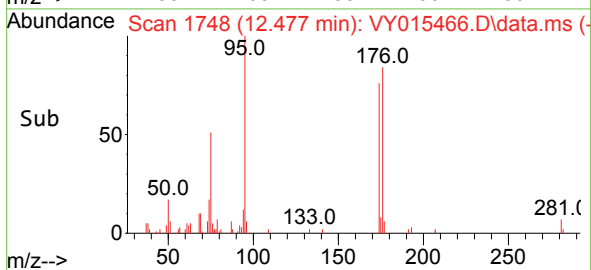
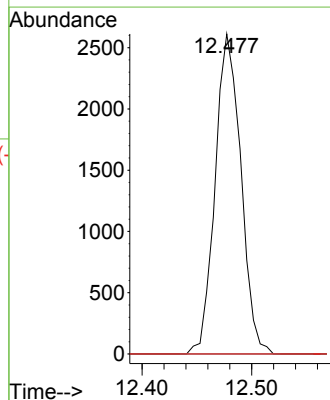
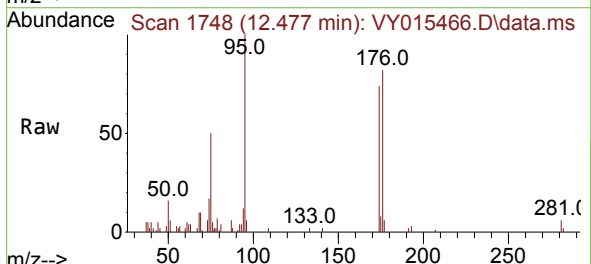
Instrument :
MSVOA_Y
ClientSampleId :

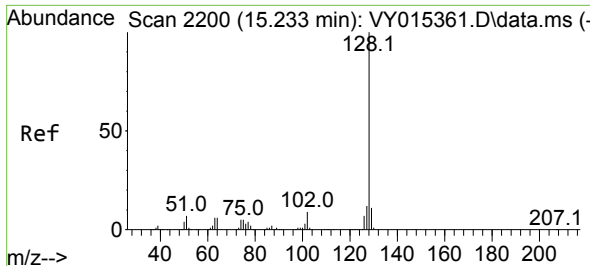
Tgt Ion: 75 Resp: 4264
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.806 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

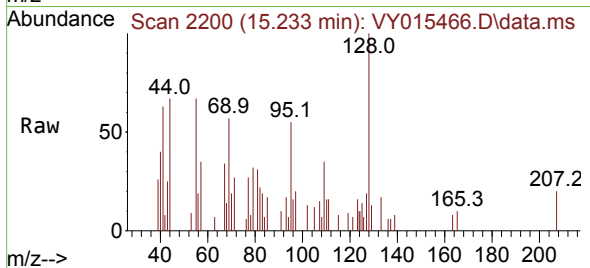
Tgt Ion: 75 Resp: 4264
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



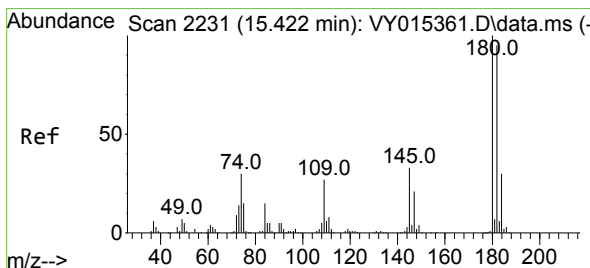
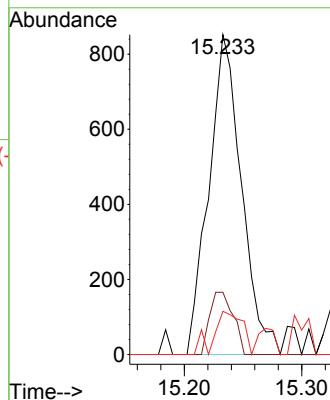
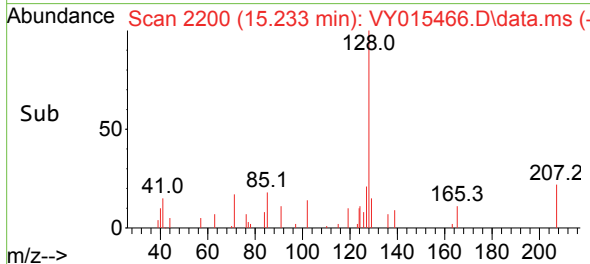


#95
Naphthalene
Concen: 4.172 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

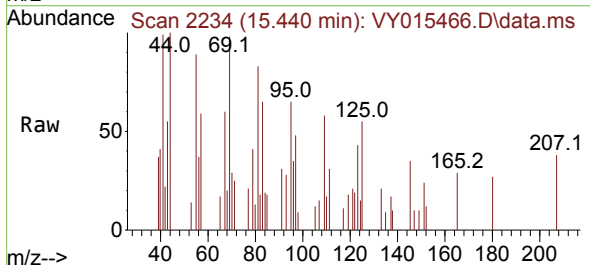
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 1643
Ion Ratio Lower Upper
128 100
127 14.0 10.8 16.2
129 11.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.069 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.018 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00



Tgt Ion:180 Resp: 300
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 77.3 15.4 46.2#

