

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015036.D
 Acq On : 10 Aug 2023 18:37
 Operator : SY/MD
 Sample : 03954-19
 Misc : 1.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 01:57:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

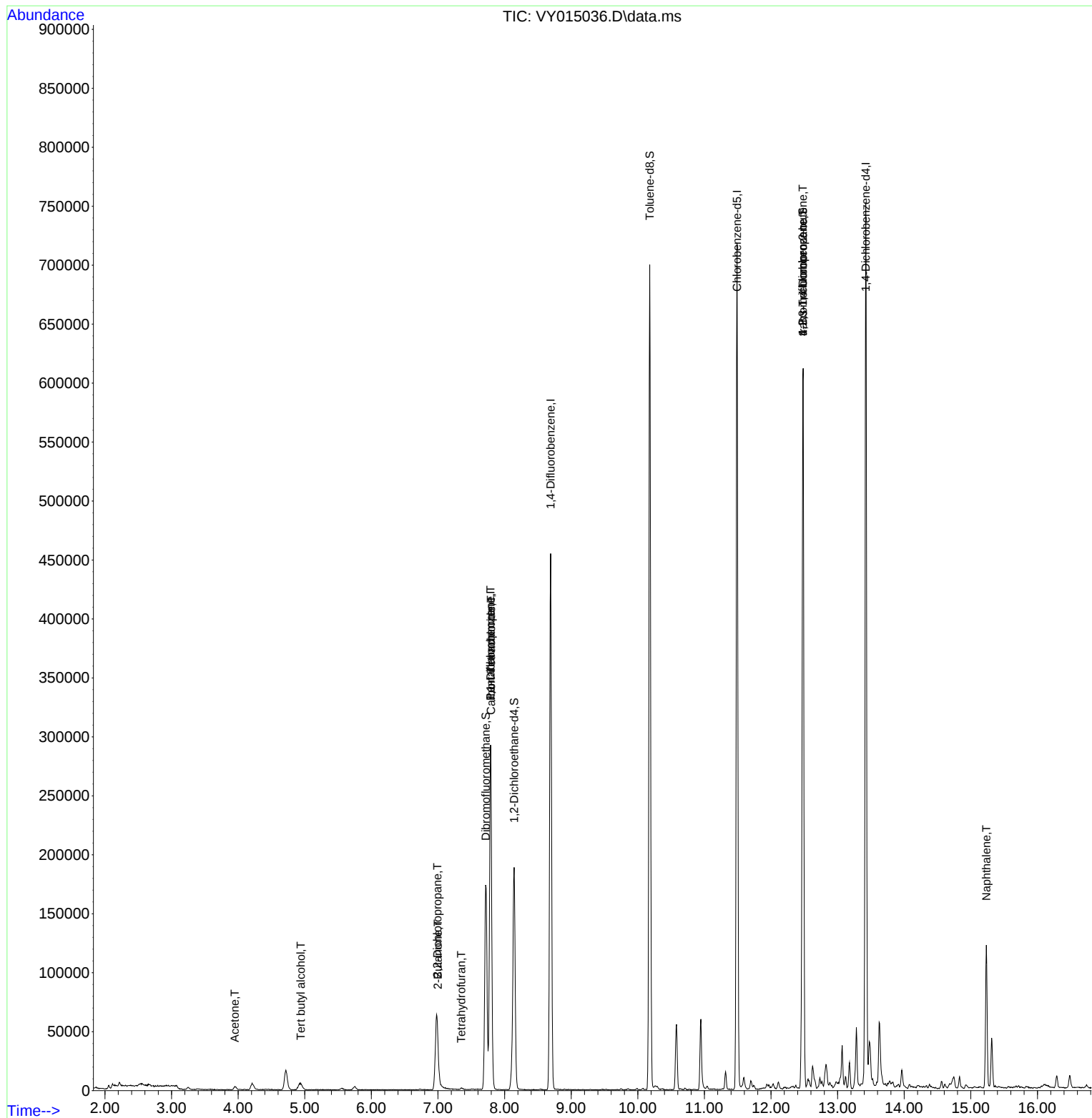
Internal Standards						
1) Pentafluorobenzene	7.789	168	230661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	396509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	383893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	192182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	140148	50.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.260%	
35) Dibromofluoromethane	7.715	113	124555	49.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.240%	
50) Toluene-d8	10.178	98	463322	48.007	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.020%	
62) 4-Bromofluorobenzene	12.477	95	178969	52.322	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	73	Below Cal	#	43
5) Bromomethane	2.661	94	574	Below Cal		95
11) Tert butyl alcohol	4.941	59	7155	10.604	ug/l #	91
16) Acetone	3.948	43	5081	5.828	ug/l #	88
20) Methylene Chloride	4.716	84	12541	Below Cal	#	77
25) 2-Butanone	6.996	43	5822	4.663	ug/l #	82
26) 2,2-Dichloropropane	6.990	77	5058	1.246	ug/l #	54
29) Tetrahydrofuran	7.350	42	769	1.050	ug/l	96
31) Cyclohexane	7.789	56	4629	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	17232	5.474	ug/l #	51
38) Carbon Tetrachloride	7.795	117	22829	6.451	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	95474	41.460	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	95474	91.338	ug/l #	11
95) Naphthalene	15.232	128	99009	11.616	ug/l	99

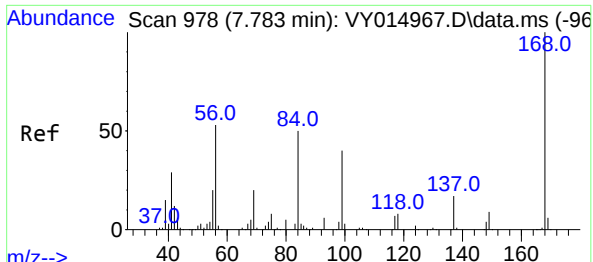
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :

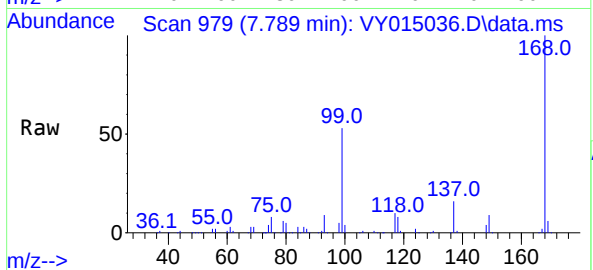
Quant Time: Aug 11 01:57:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration



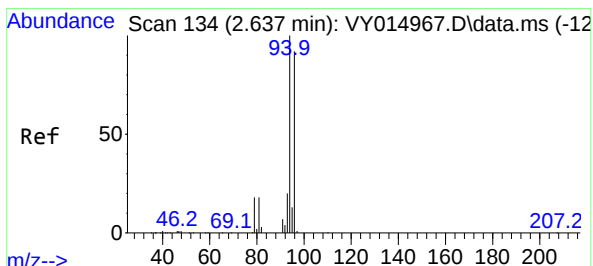
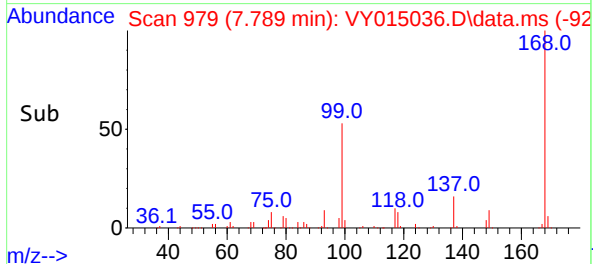
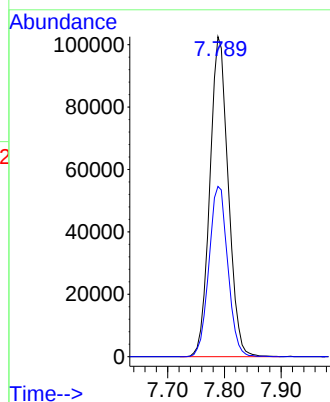


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

Instrument :
MSVOA_Y
ClientSampleId :

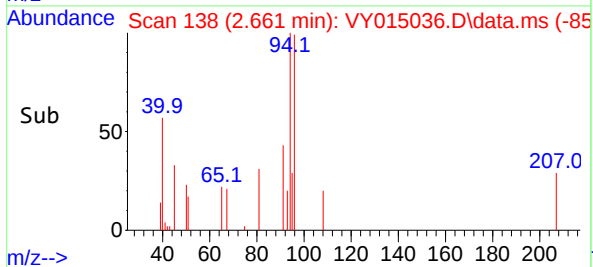
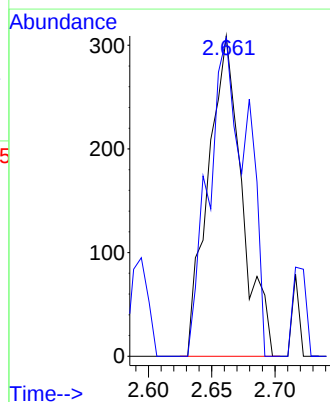
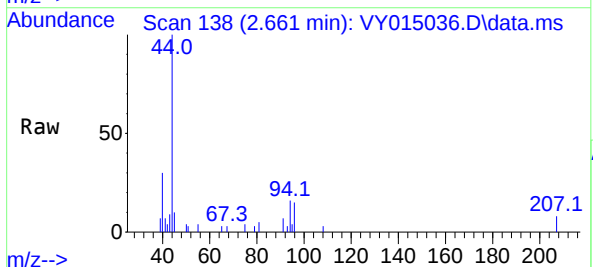


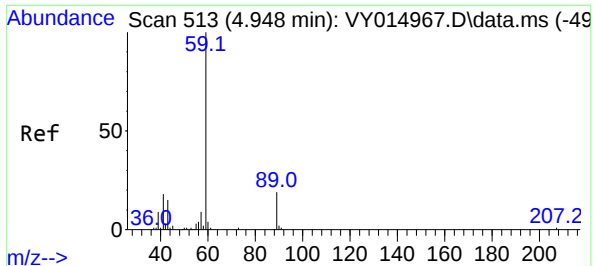
Tgt Ion:168 Resp: 230661
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#5
Bromomethane
Concen: Below Cal
RT: 2.661 min Scan# 138
Delta R.T. 0.024 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

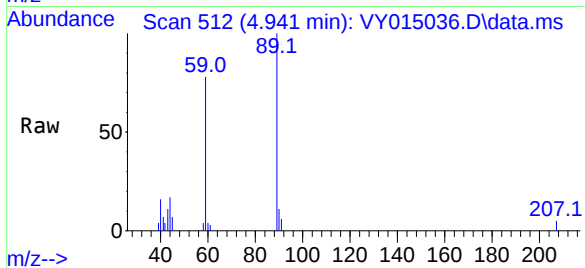
Tgt Ion: 94 Resp: 574
Ion Ratio Lower Upper
94 100
96 99.4 75.8 113.6



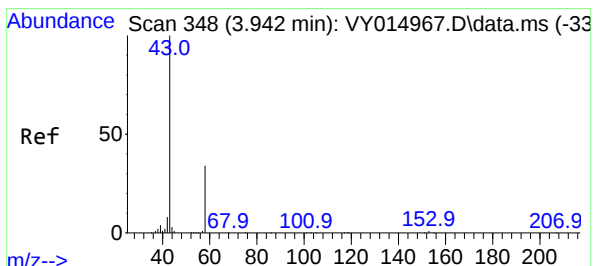
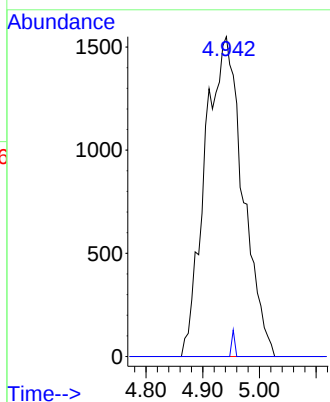


#11
Tert butyl alcohol
Concen: 10.604 ug/l
RT: 4.941 min Scan# 513
Delta R.T. -0.007 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

Instrument :
MSVOA_Y
ClientSampleId :

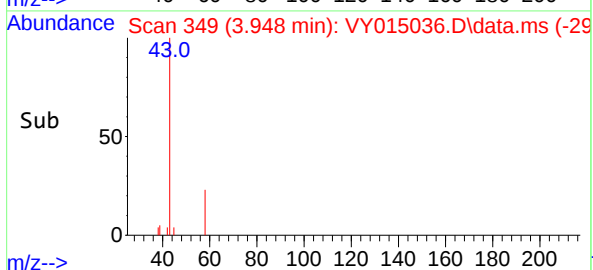
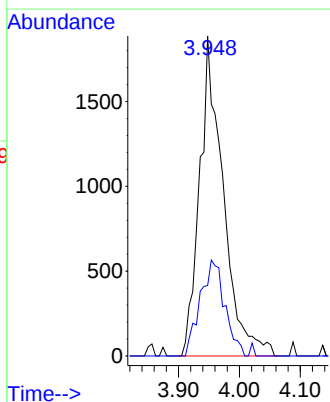
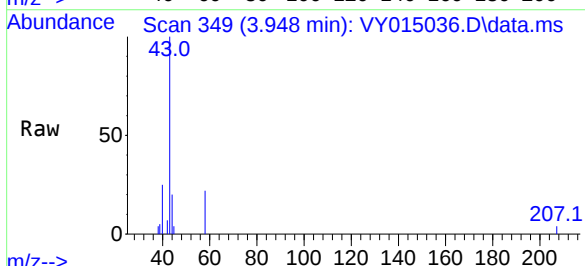


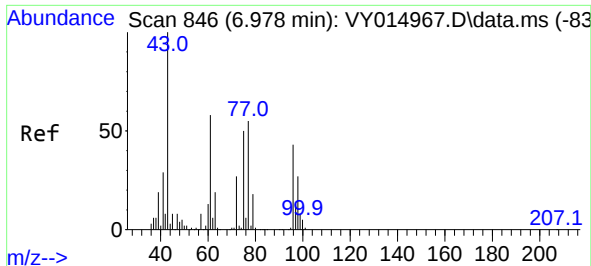
Tgt Ion: 59 Resp: 7155
Ion Ratio Lower Upper
59 100
57 0.7 3.0 4.4#



#16
Acetone
Concen: 5.828 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

Tgt Ion: 43 Resp: 5081
Ion Ratio Lower Upper
43 100
58 22.0 22.7 34.1#





#25

2-Butanone

Concen: 4.663 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.018 min

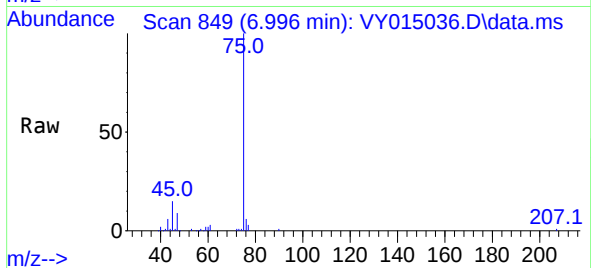
Lab File: VY015036.D

Acq: 10 Aug 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

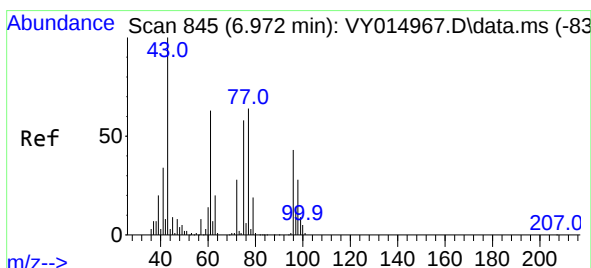
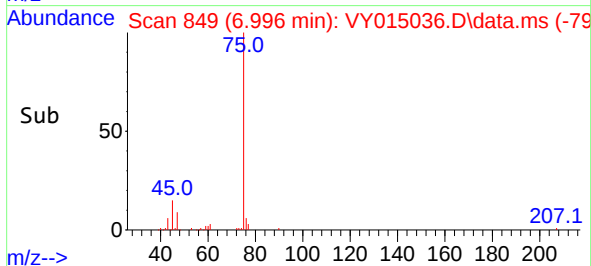
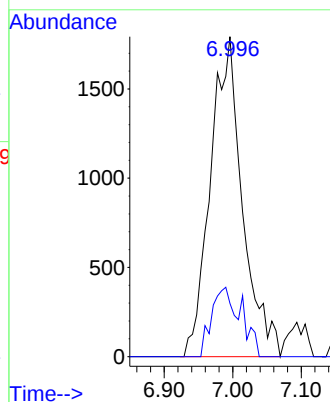


Tgt Ion: 43 Resp: 5822

Ion Ratio Lower Upper

43 100

72 16.6 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.246 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY015036.D

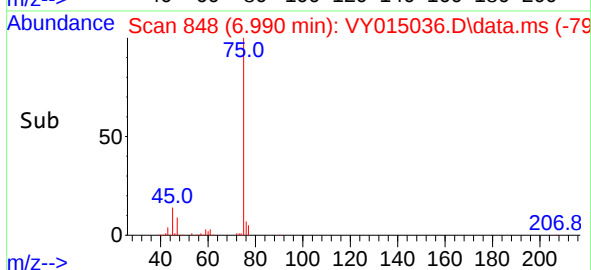
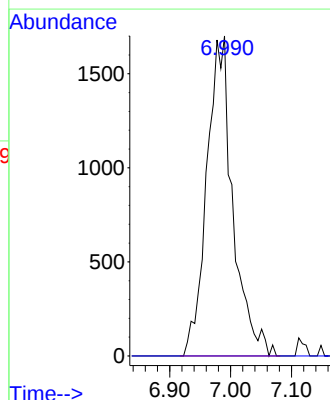
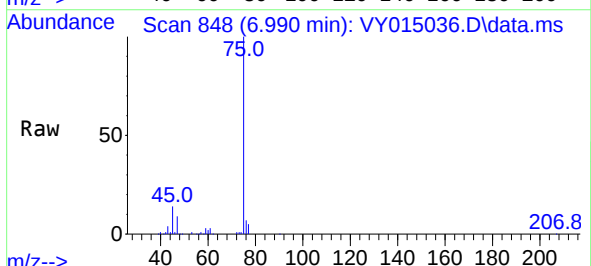
Acq: 10 Aug 2023 18:37

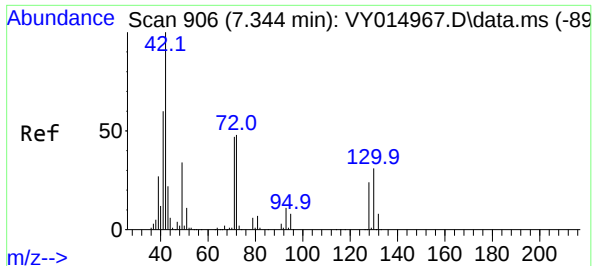
Tgt Ion: 77 Resp: 5058

Ion Ratio Lower Upper

77 100

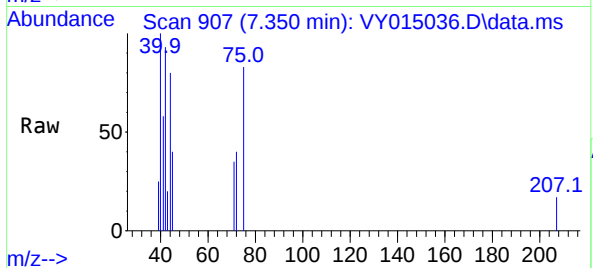
97 0.0 10.9 32.9#



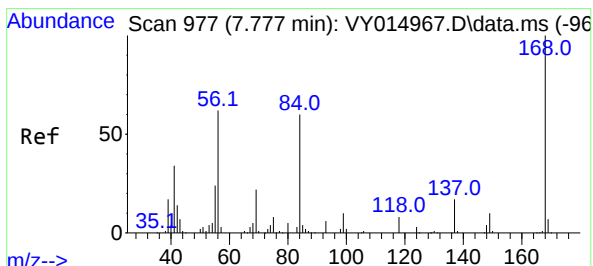
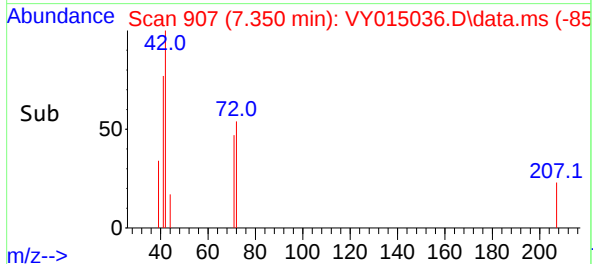
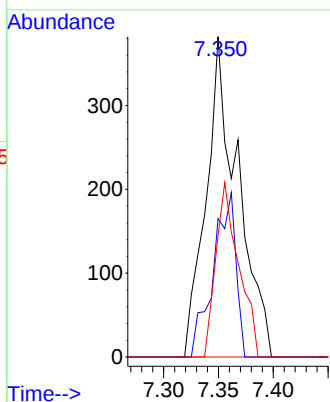


#29
Tetrahydrofuran
Concen: 1.050 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

Instrument :
MSVOA_Y
ClientSampleId :

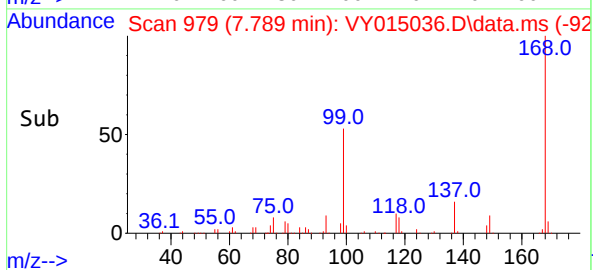
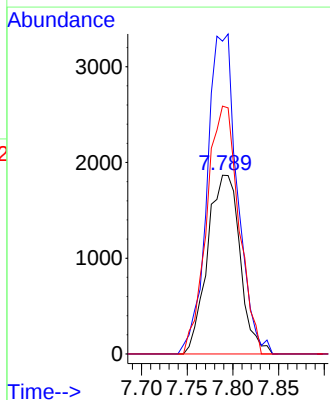
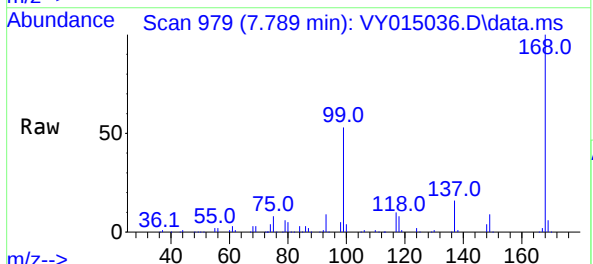


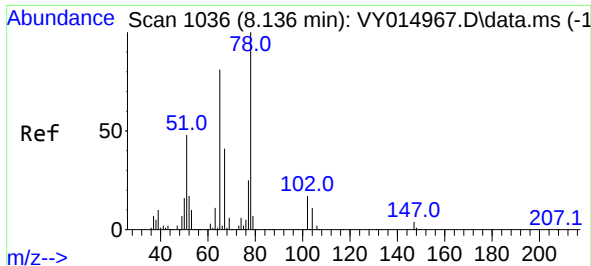
Tgt Ion: 42 Resp: 769
Ion Ratio Lower Upper
42 100
72 36.7 32.8 49.2
71 39.1 31.0 46.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

Tgt Ion: 56 Resp: 4629
Ion Ratio Lower Upper
56 100
69 175.0 27.8 41.6#
84 138.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 50.130 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015036.D

Acq: 10 Aug 2023 18:37

Instrument :

MSVOA_Y

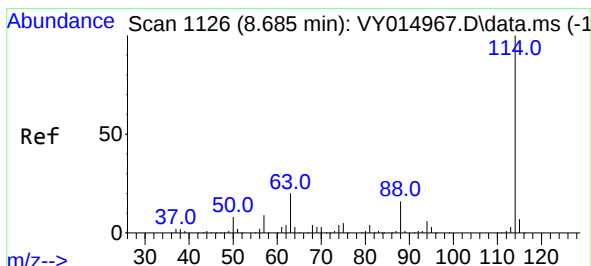
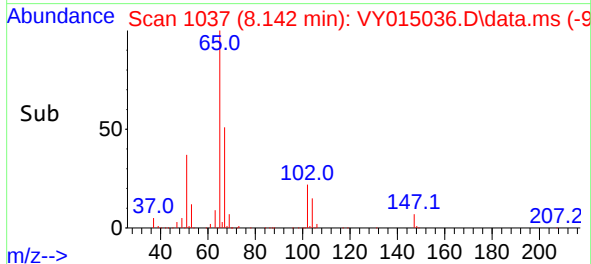
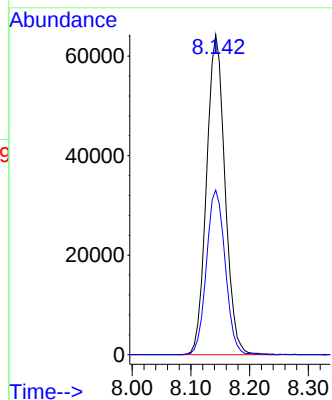
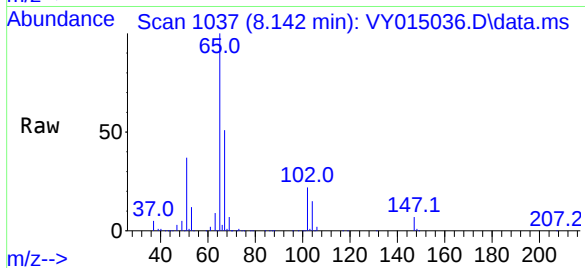
ClientSampleId :

Tgt Ion: 65 Resp: 140148

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015036.D

Acq: 10 Aug 2023 18:37

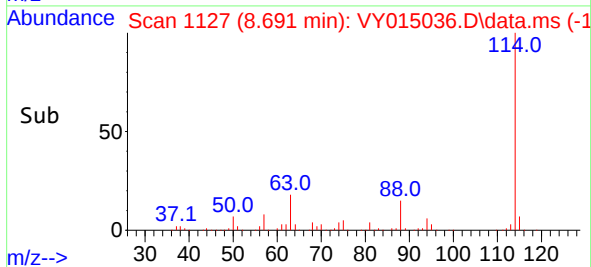
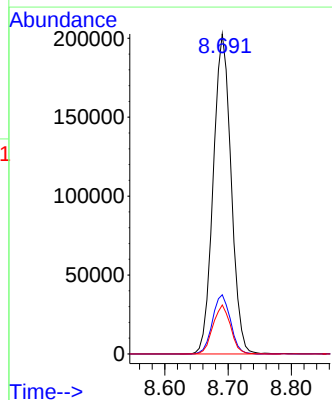
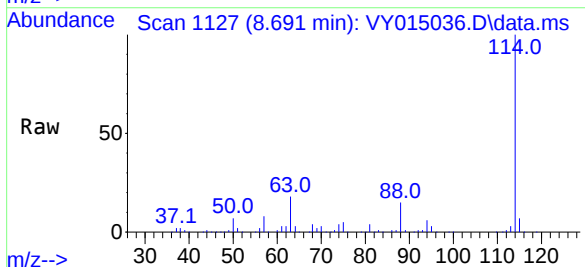
Tgt Ion:114 Resp: 396509

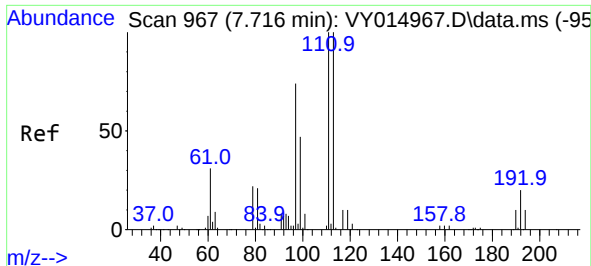
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

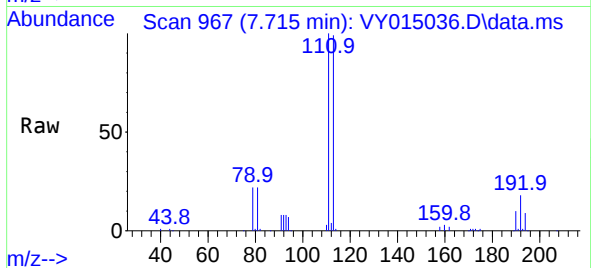
88 15.3 0.0 30.6



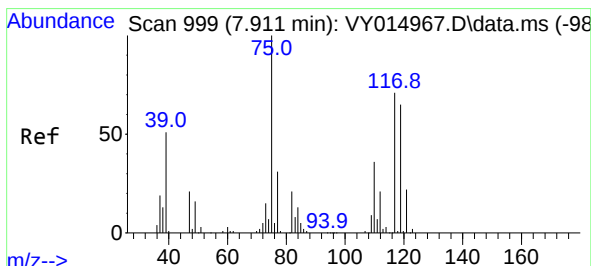
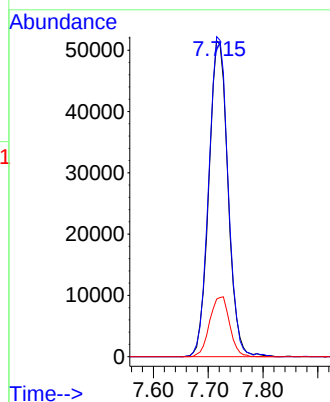
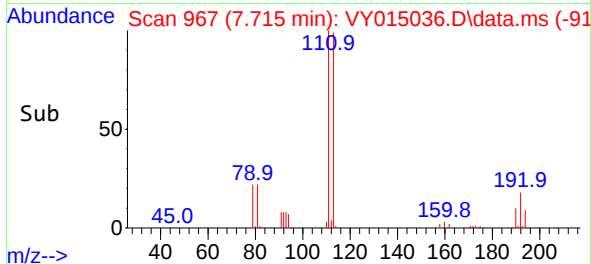


#35
Dibromofluoromethane
Concen: 49.123 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

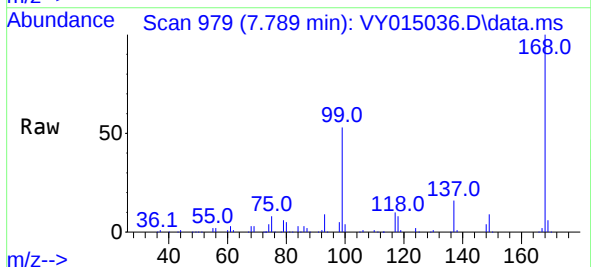
Instrument :
MSVOA_Y
ClientSampleId :



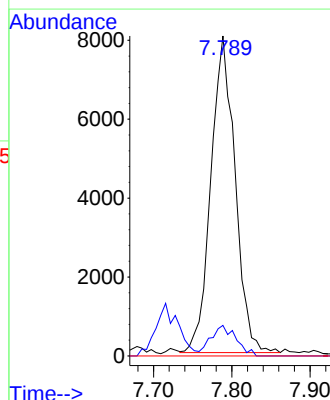
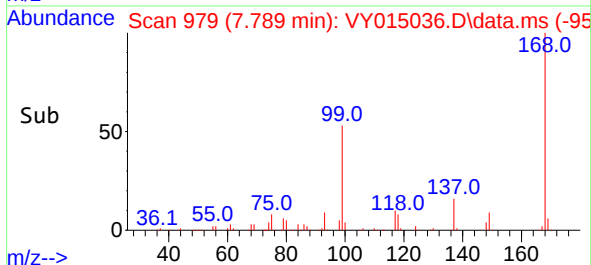
Tgt Ion:113 Resp: 124555
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.8 16.9 25.3

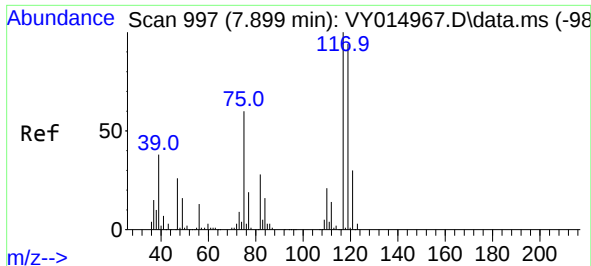


#36
1,1-Dichloropropene
Concen: 5.474 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37



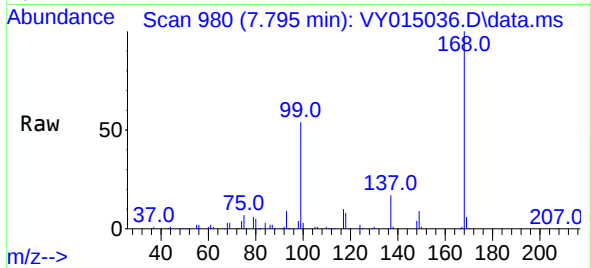
Tgt Ion: 75 Resp: 17232
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#



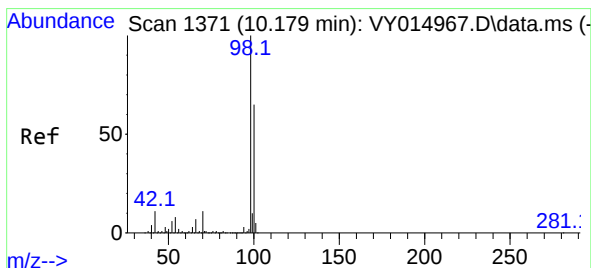
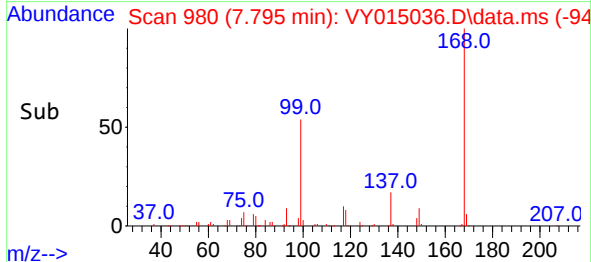
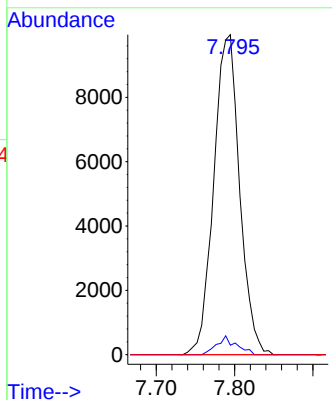


#38
Carbon Tetrachloride
Concen: 6.451 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

Instrument :
MSVOA_Y
ClientSampleId :

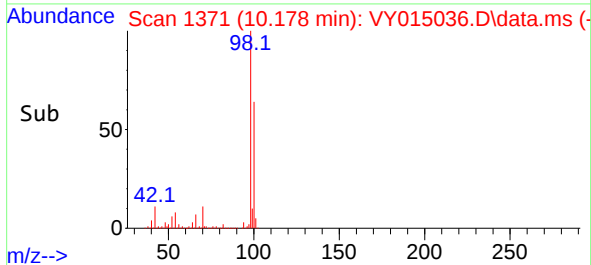
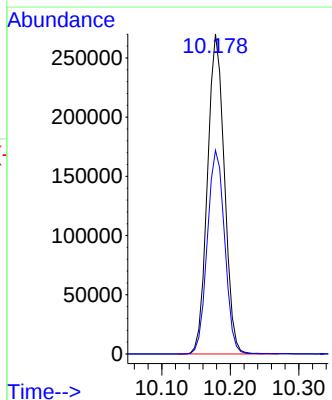
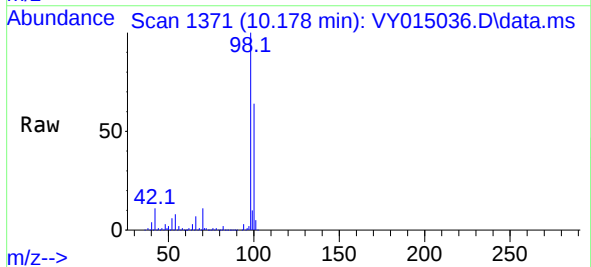


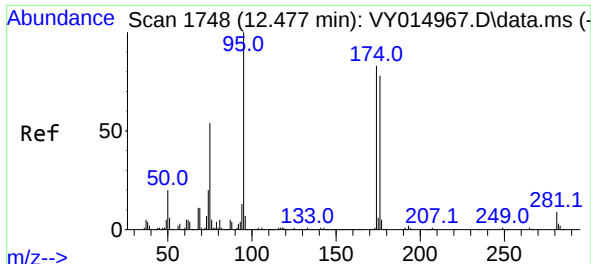
Tgt Ion:117 Resp: 22829
Ion Ratio Lower Upper
117 100
119 2.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.007 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

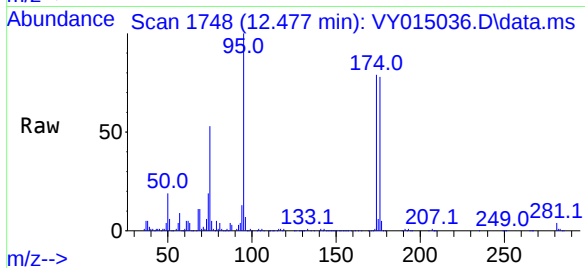
Tgt Ion: 98 Resp: 463322
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



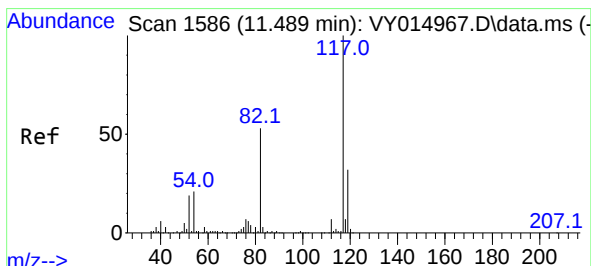
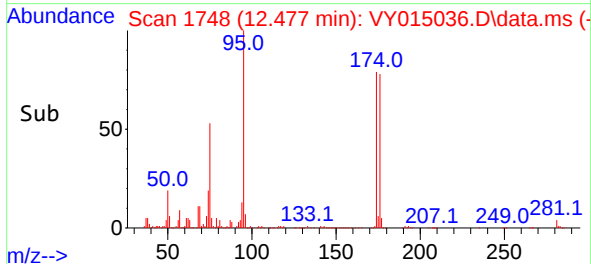
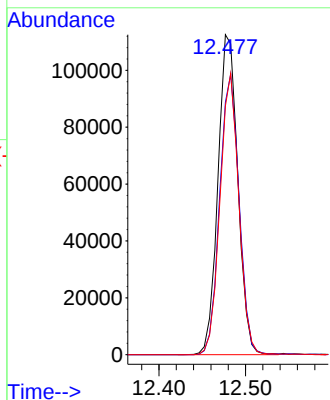


#62
4-Bromofluorobenzene
Concen: 52.322 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

Instrument :
MSVOA_Y
ClientSampleId :

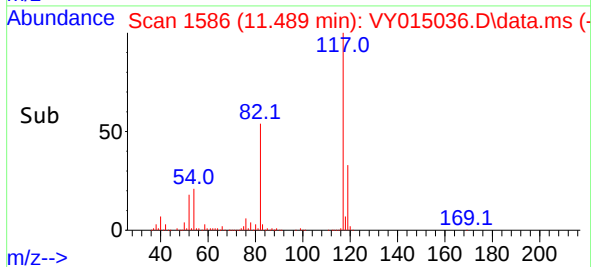
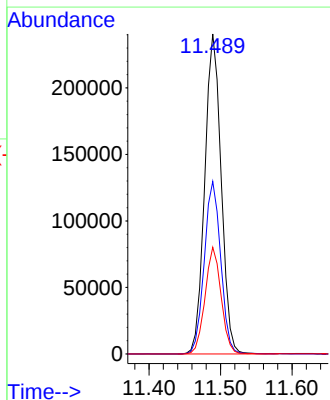
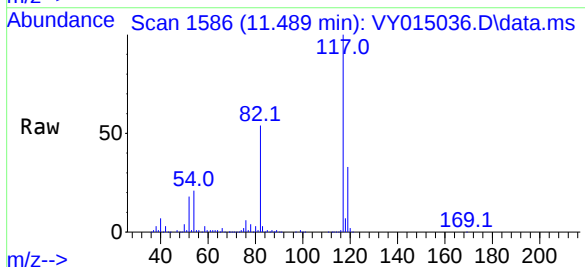


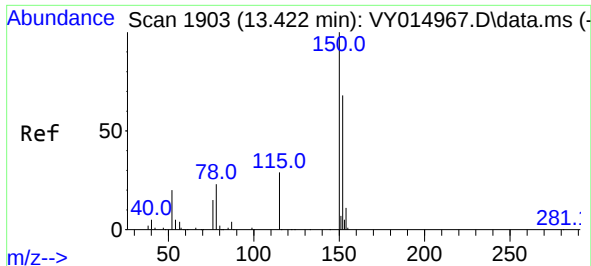
Tgt Ion: 95 Resp: 178969
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 83.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

Tgt Ion: 117 Resp: 383893
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 33.4 26.3 39.5

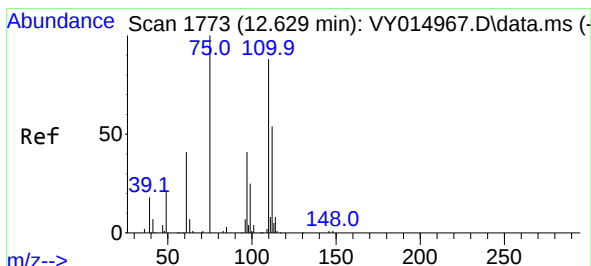
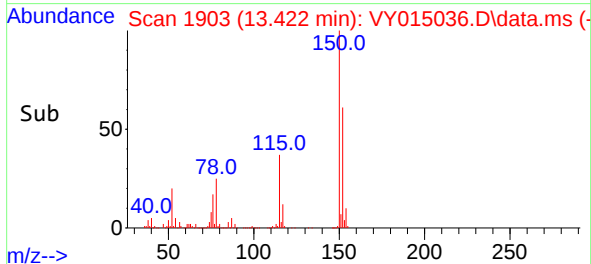
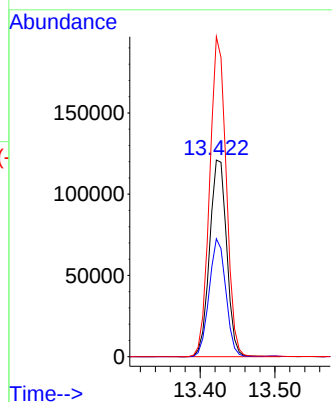
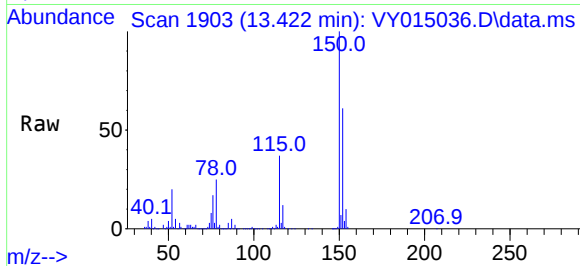




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015036.D
 Acq: 10 Aug 2023 18:37

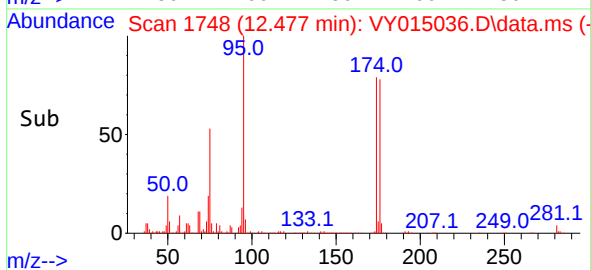
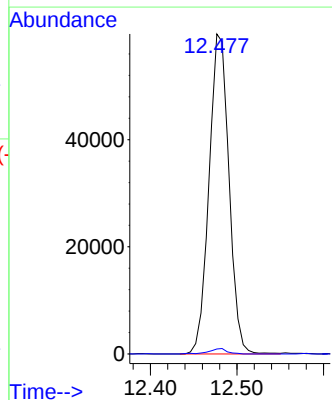
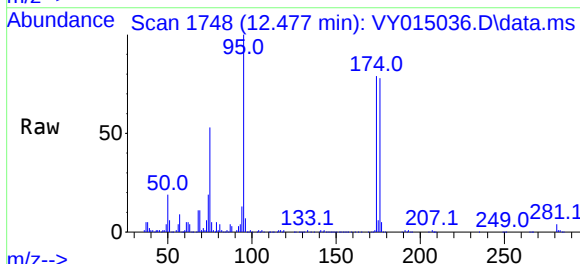
Instrument :
 MSVOA_Y
 ClientSampleId :

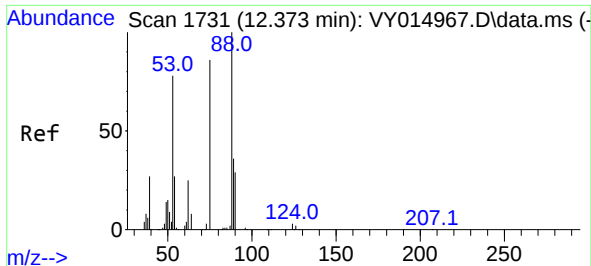
Tgt Ion:152 Resp: 192182
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.8 86.5
 150 157.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 41.460 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY015036.D
 Acq: 10 Aug 2023 18:37

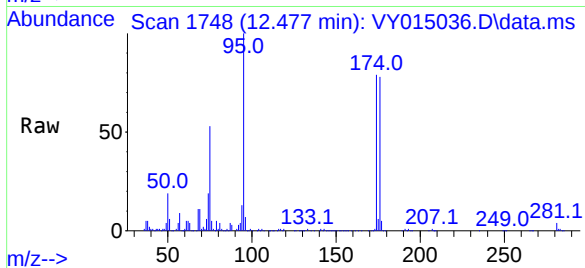
Tgt Ion: 75 Resp: 95474
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



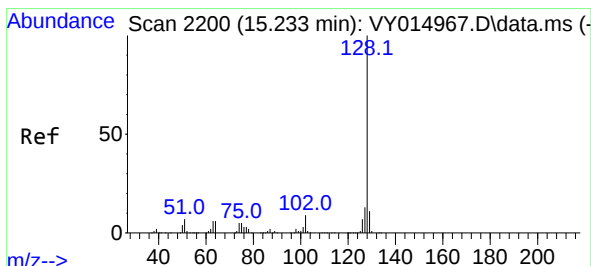
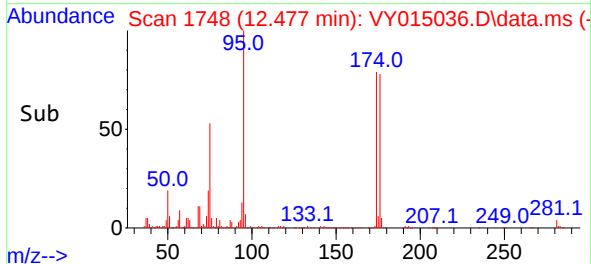
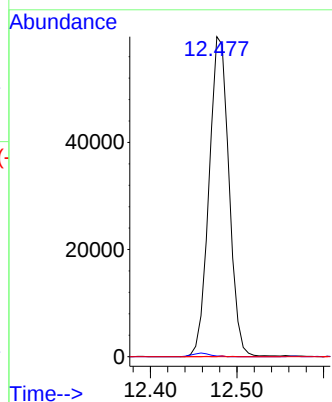


#81
trans-1,4-Dichloro-2-butene
Concen: 91.338 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 95474
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#



#95
Naphthalene
Concen: 11.616 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY015036.D
Acq: 10 Aug 2023 18:37

Tgt Ion:128 Resp: 99009
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 11.0 8.6 13.0

