

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014891.D
 Acq On : 27 Jul 2023 18:44
 Operator : SY/MD
 Sample : 03756-17
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:39:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

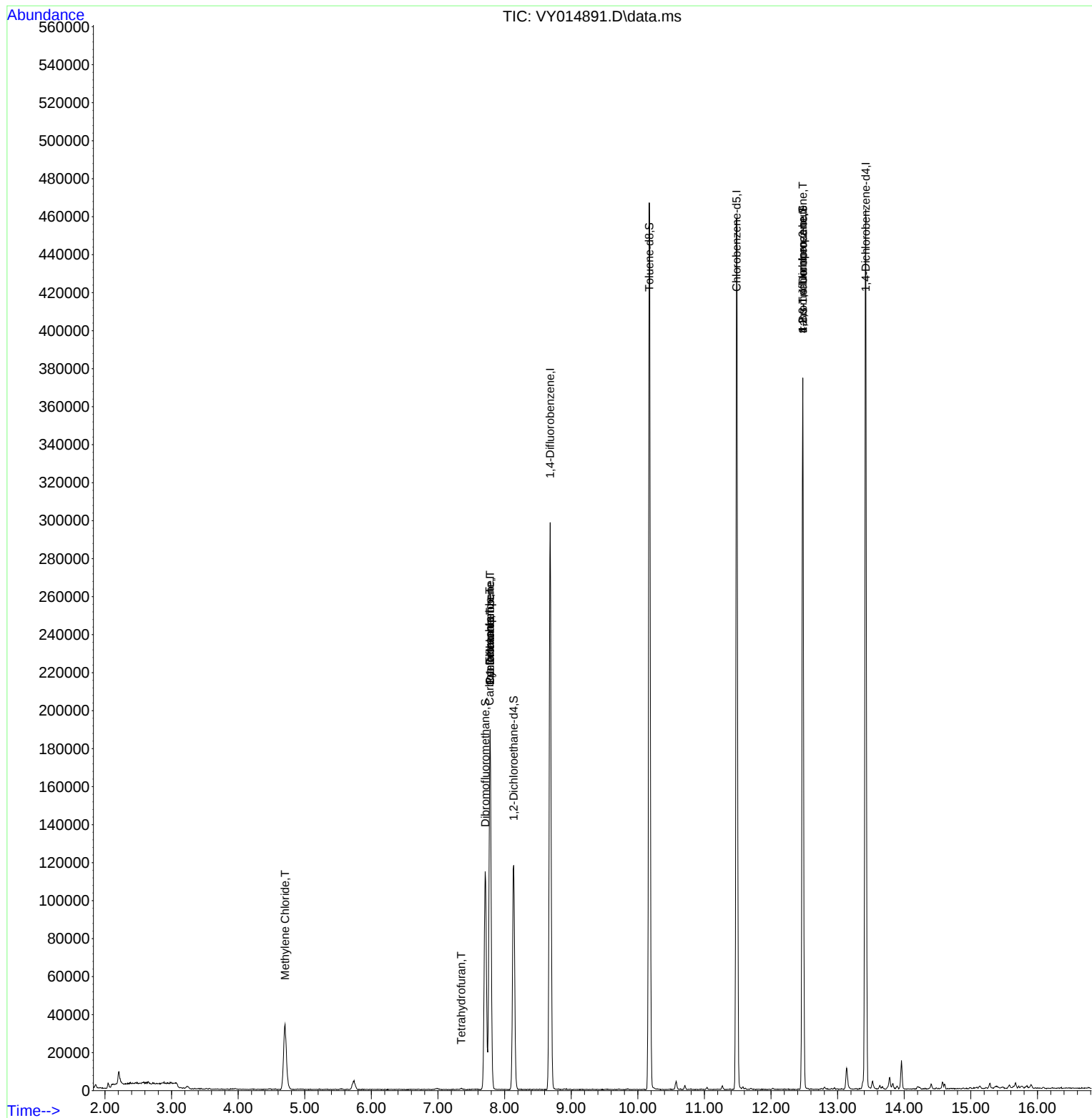
Internal Standards						
1) Pentafluorobenzene	7.783	168	145045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	256702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	247304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94682	57.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.560%
35) Dibromofluoromethane	7.710	113	80556	49.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.173	98	306442	50.865	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.740%
62) 4-Bromofluorobenzene	12.477	95	110371	47.778	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	234	Below Cal	#	89
20) Methylene Chloride	4.704	84	25642	11.848	ug/l	87
29) Tetrahydrofuran	7.350	42	500	1.060	ug/l #	73
31) Cyclohexane	7.783	56	3259	1.188	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10910	4.464	ug/l #	50
38) Carbon Tetrachloride	7.777	117	14334	5.549	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	60765	41.130	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	60765	79.635	ug/l #	10

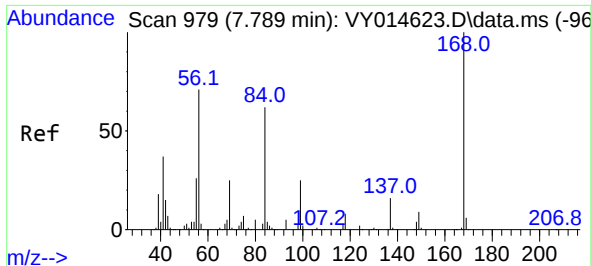
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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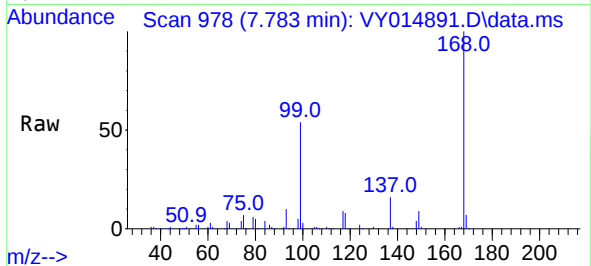
Quant Time: Jul 28 02:39:17 2023
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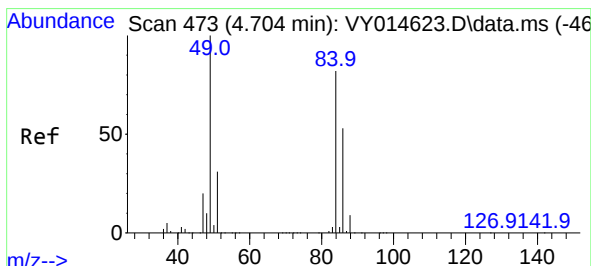
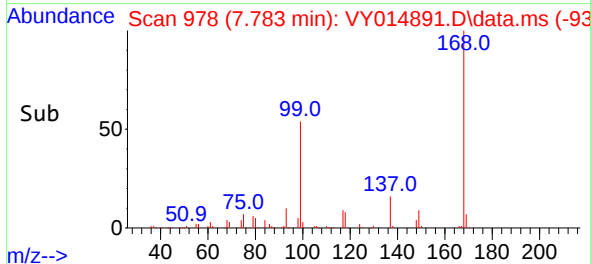
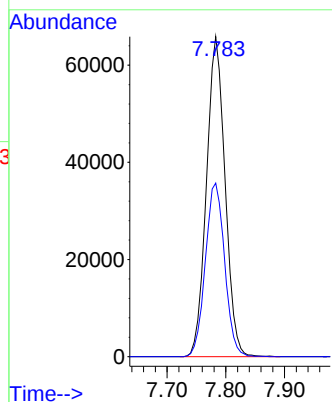


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :

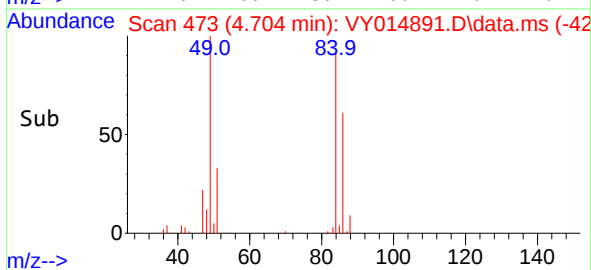
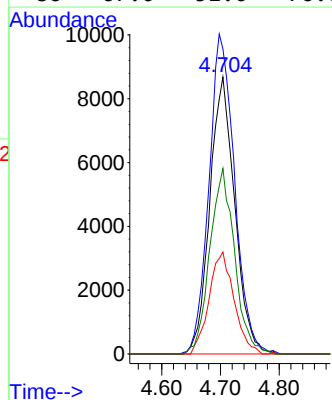
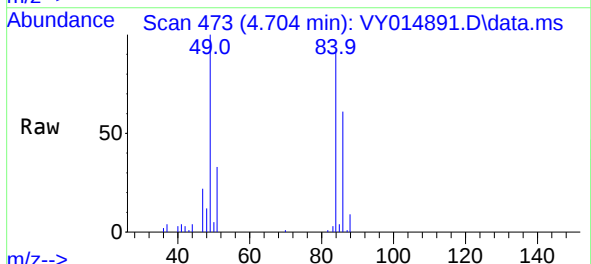


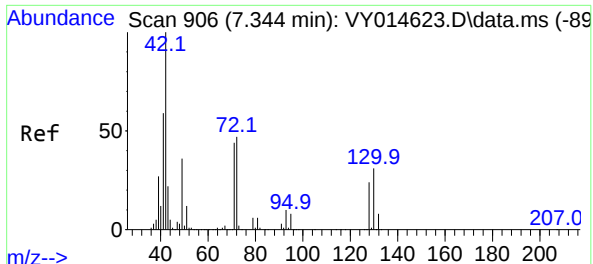
Tgt Ion:168 Resp: 145045
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#20
Methylene Chloride
Concen: 11.848 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

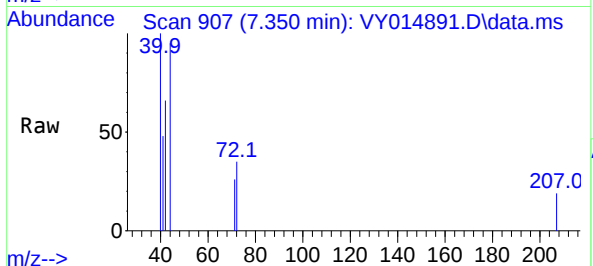
Tgt Ion: 84 Resp: 25642
Ion Ratio Lower Upper
84 100
49 110.2 106.9 160.3
51 36.8 33.2 49.8
86 67.0 51.0 76.6



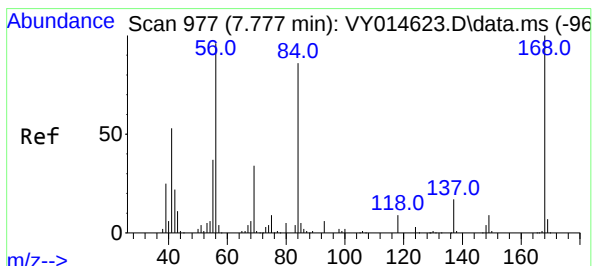
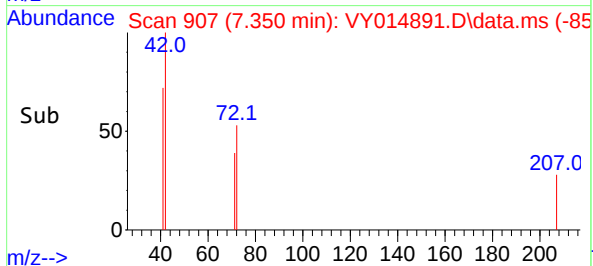
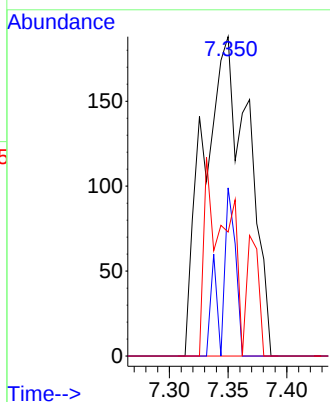


#29
Tetrahydrofuran
Concen: 1.060 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :

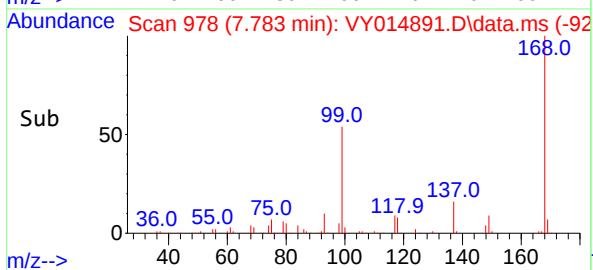
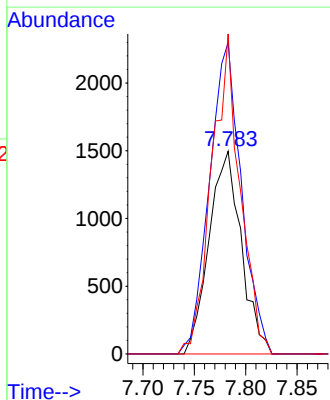
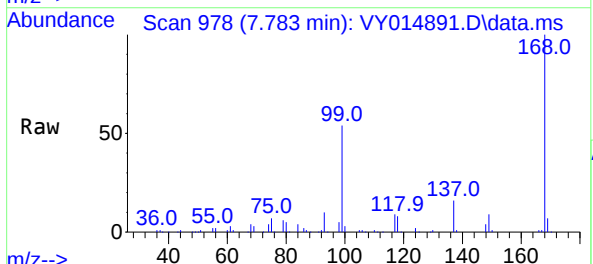


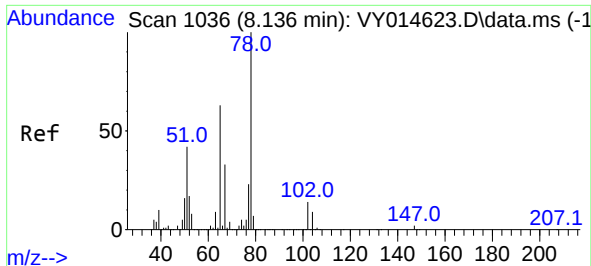
Tgt Ion: 42 Resp: 500
Ion Ratio Lower Upper
42 100
72 16.4 32.8 49.2#
71 30.8 31.0 46.4#



#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

Tgt Ion: 56 Resp: 3259
Ion Ratio Lower Upper
56 100
69 153.6 27.8 41.6#
84 157.9 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.284 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014891.D

Acq: 27 Jul 2023 18:44

Instrument :

MSVOA_Y

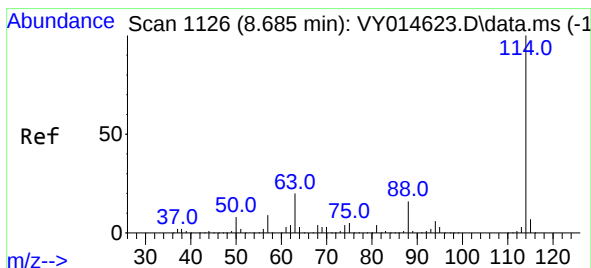
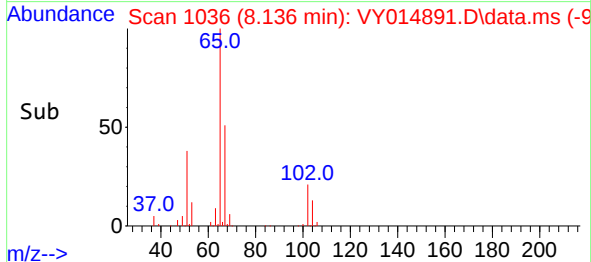
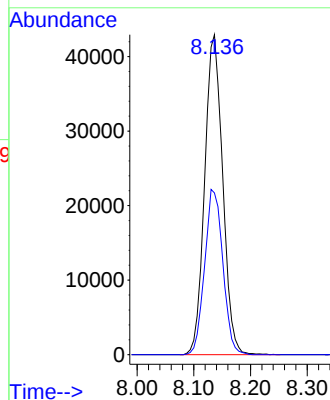
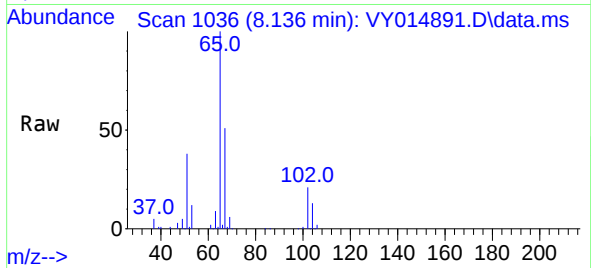
ClientSampleId :

Tgt Ion: 65 Resp: 94682

Ion Ratio Lower Upper

65 100

67 52.2 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: VY014891.D

Acq: 27 Jul 2023 18:44

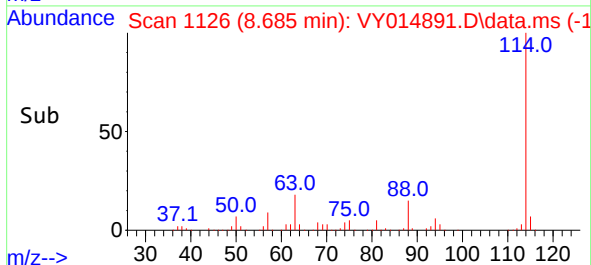
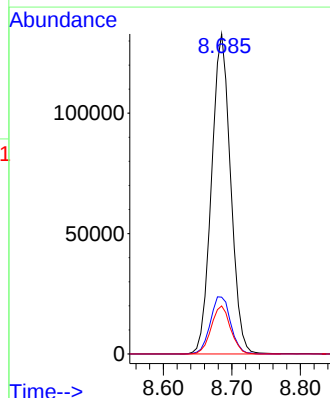
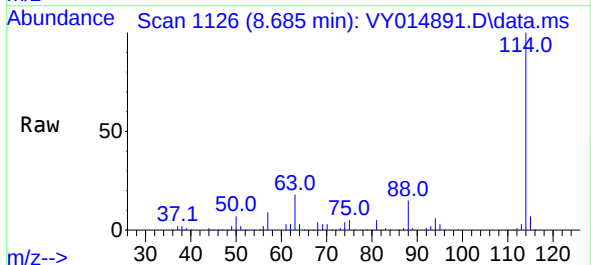
Tgt Ion: 114 Resp: 256702

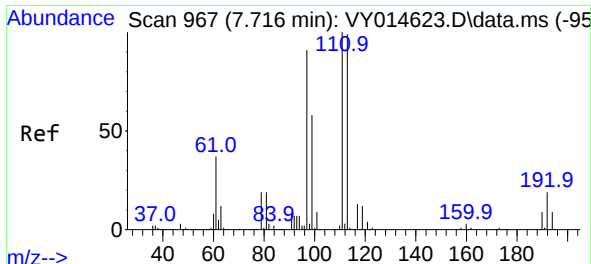
Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 15.0 0.0 30.6

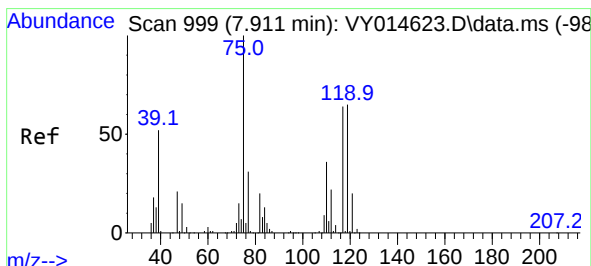
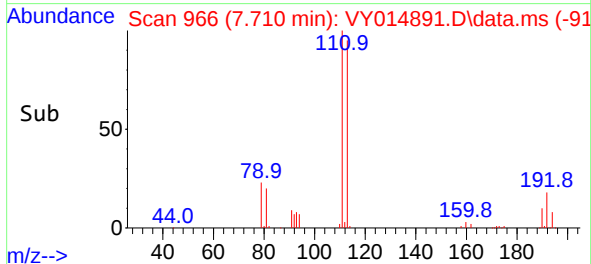
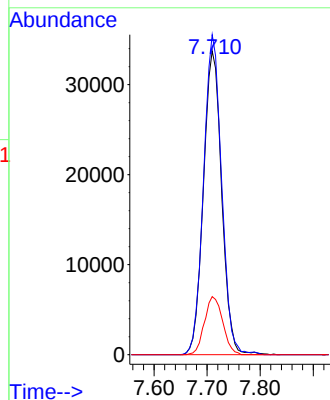
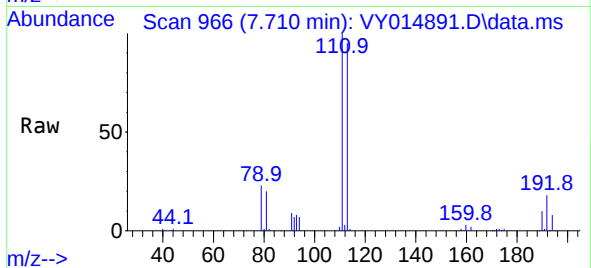




#35
Dibromofluoromethane
Concen: 49.297 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

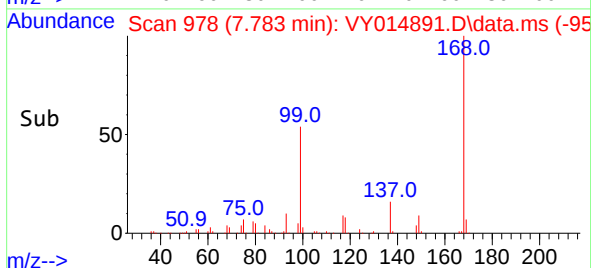
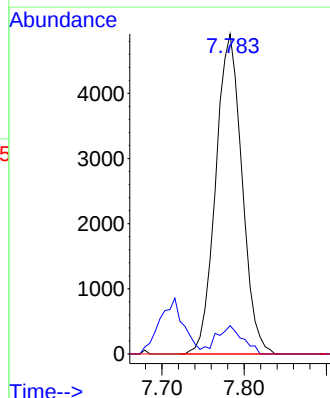
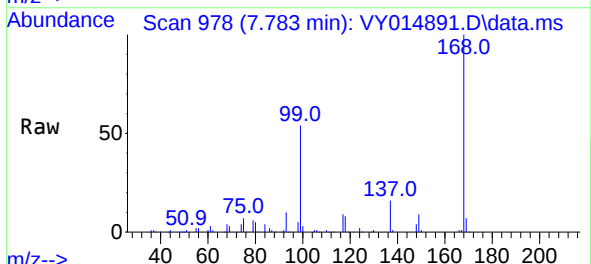
Instrument :
MSVOA_Y
ClientSampleId :

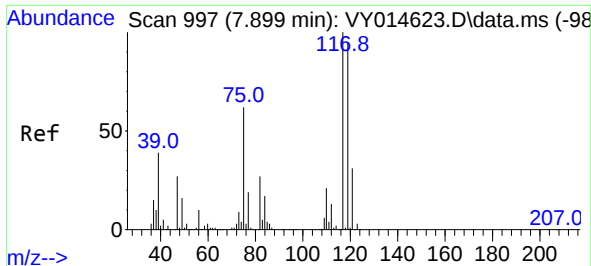
Tgt Ion:113 Resp: 80556
Ion Ratio Lower Upper
113 100
111 104.2 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

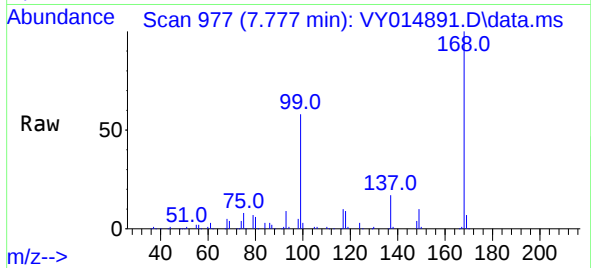
Tgt Ion: 75 Resp: 10910
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#



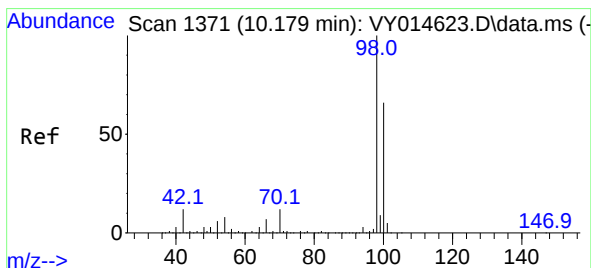
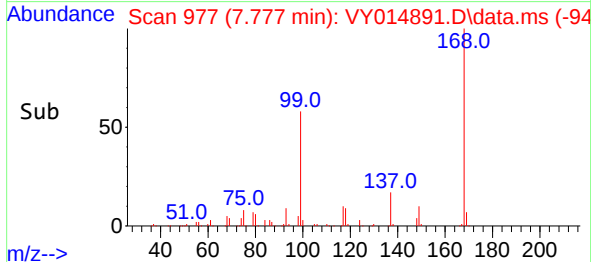
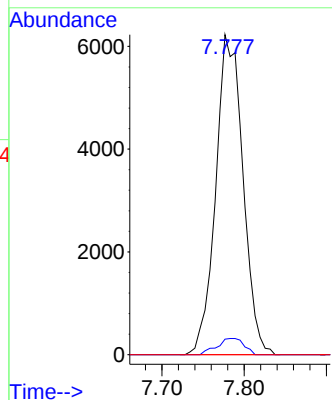


#38
Carbon Tetrachloride
Concen: 5.549 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :

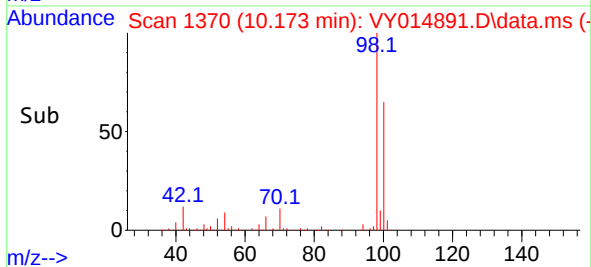
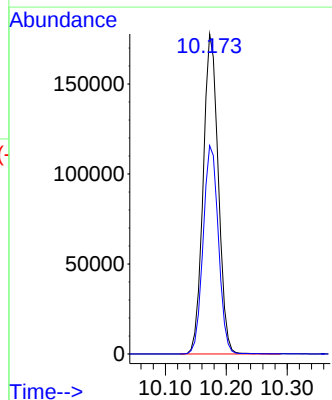
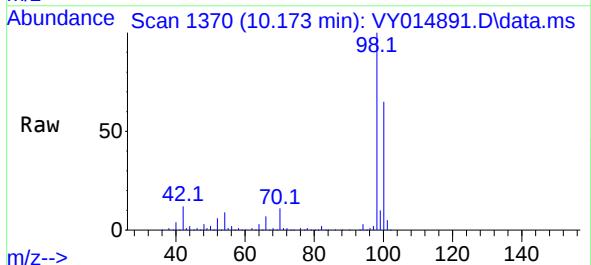


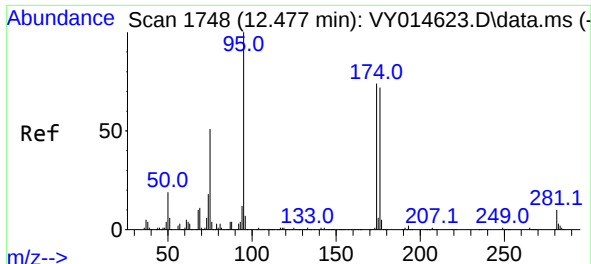
Tgt Ion:117 Resp: 14334
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.865 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

Tgt Ion: 98 Resp: 306442
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

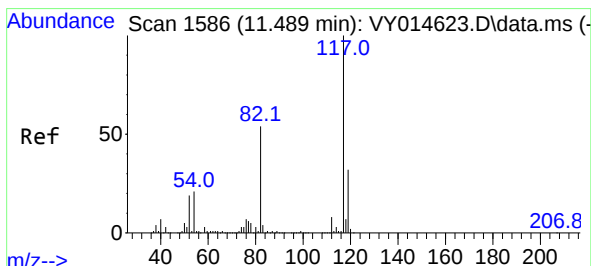
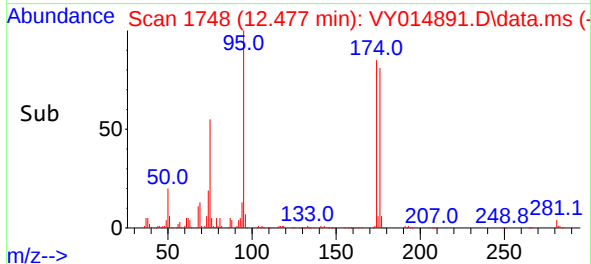
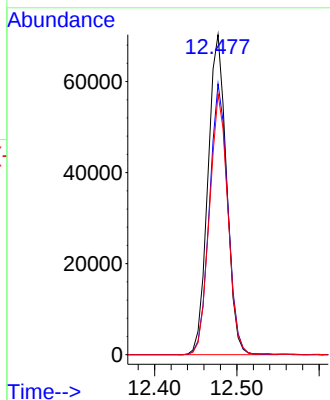
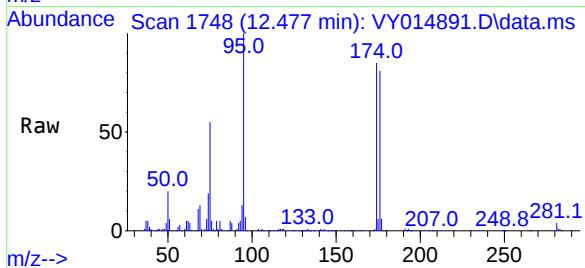




#62
4-Bromofluorobenzene
Concen: 47.778 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

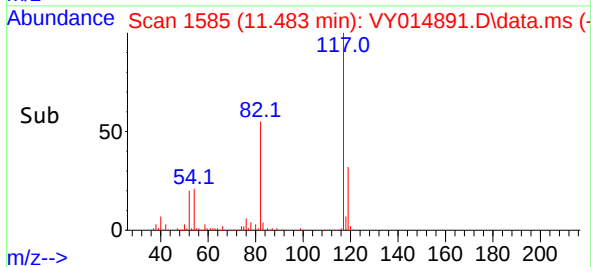
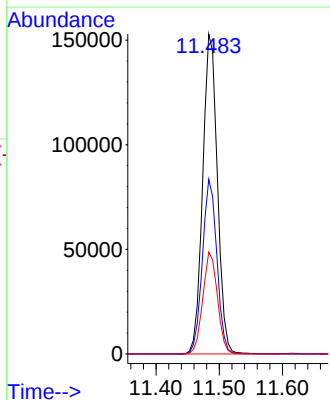
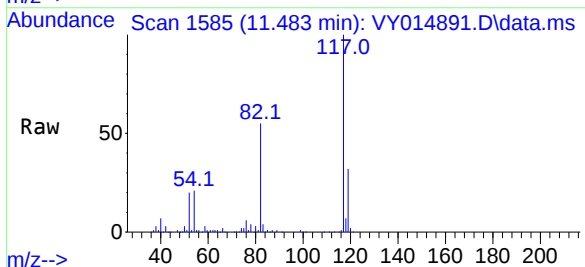
Instrument :
MSVOA_Y
ClientSampleId :

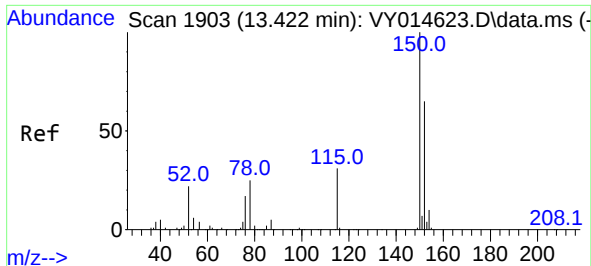
Tgt Ion: 95 Resp: 110371
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 80.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

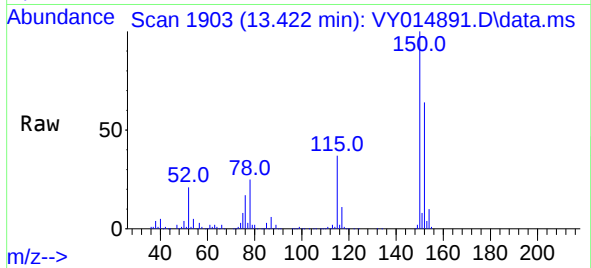
Tgt Ion: 117 Resp: 247304
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 31.9 26.3 39.5



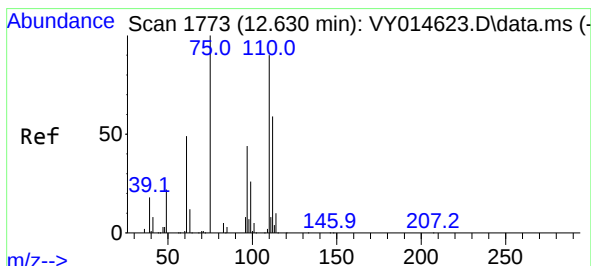
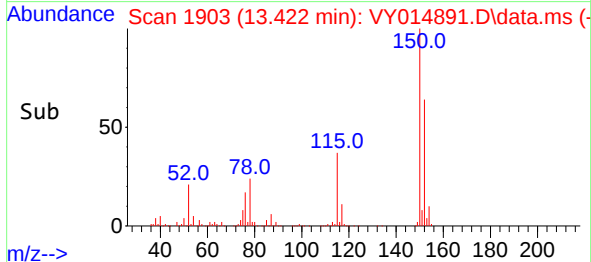
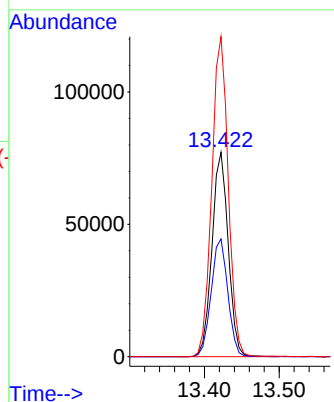


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :

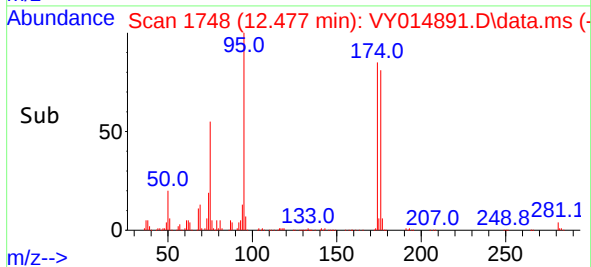
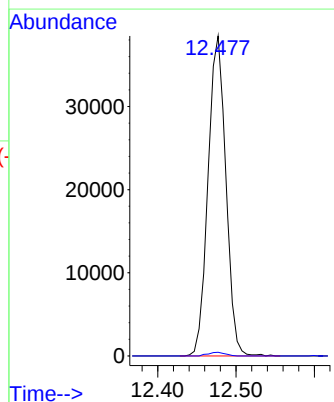
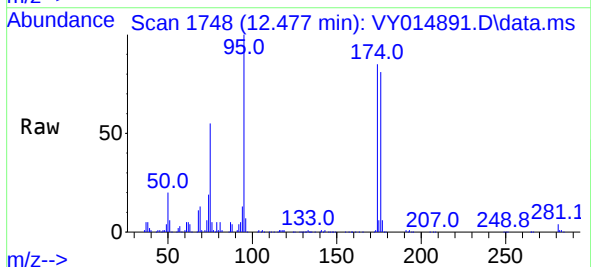


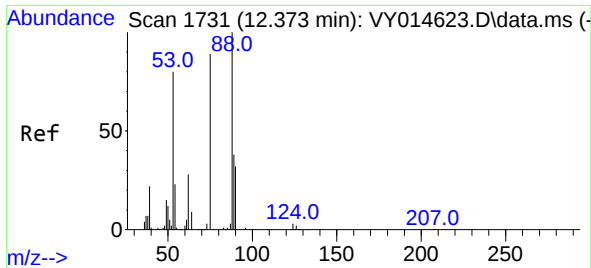
Tgt Ion:152 Resp: 116977
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.5
150 158.6 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 41.130 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

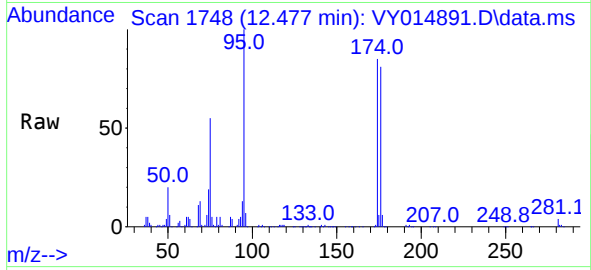
Tgt Ion: 75 Resp: 60765
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.635 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014891.D
Acq: 27 Jul 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 60765
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

