

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014885.D
 Acq On : 27 Jul 2023 16:19
 Operator : SY/MD
 Sample : 03756-08
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:38:27 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)

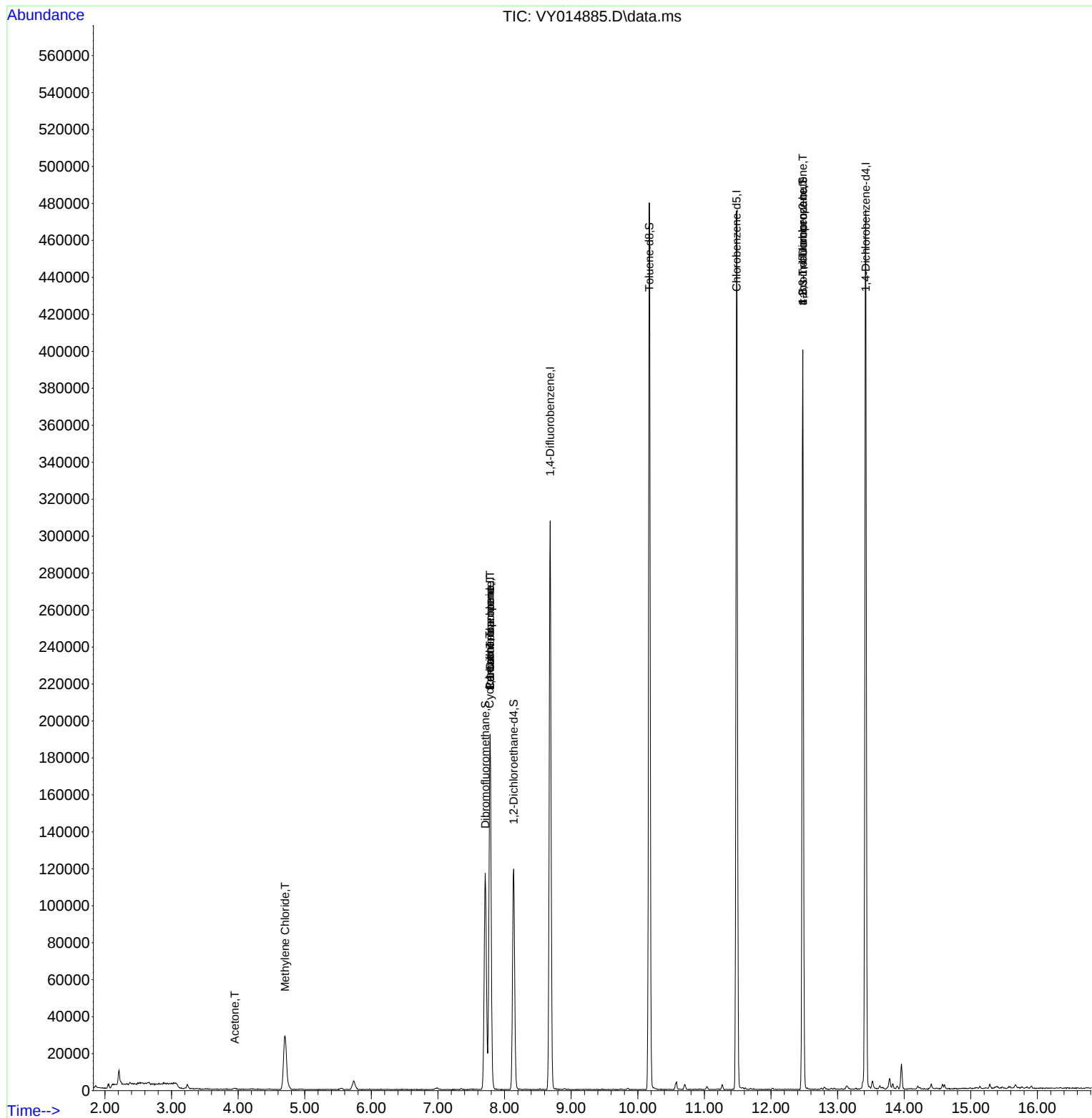
Internal Standards						
1) Pentafluorobenzene	7.783	168	148159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	251237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	95260	56.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.840%
35) Dibromofluoromethane	7.710	113	82061	49.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.173	98	310708	50.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.477	95	115805	49.266	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	612	Below Cal	#	89
16) Acetone	3.948	43	1215	2.271	ug/l #	65
20) Methylene Chloride	4.704	84	23122	9.918	ug/l	83
31) Cyclohexane	7.777	56	3299	1.177	ug/l #	27
36) 1,1-Dichloropropene	7.783	75	11425	4.595	ug/l #	50
38) Carbon Tetrachloride	7.783	117	15314	5.826	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	62160	40.171	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62160	77.778	ug/l #	11

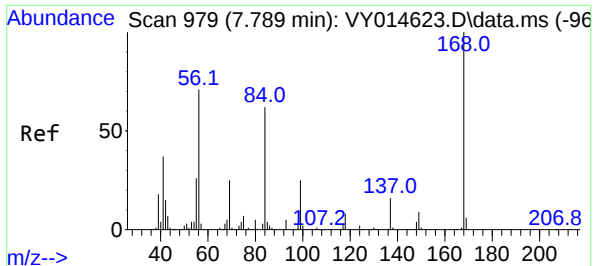
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
Data File : VY014885.D
Acq On : 27 Jul 2023 16:19
Operator : SY/MD
Sample : 03756-08
Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

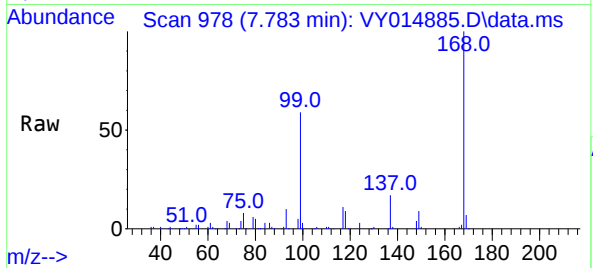
Quant Time: Jul 28 02:38:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration



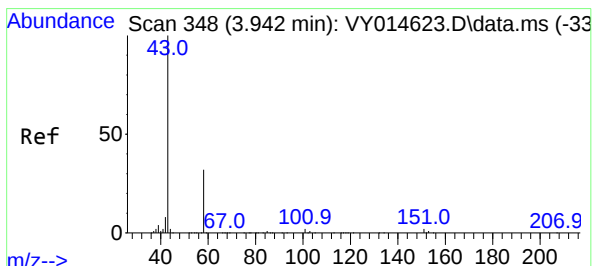
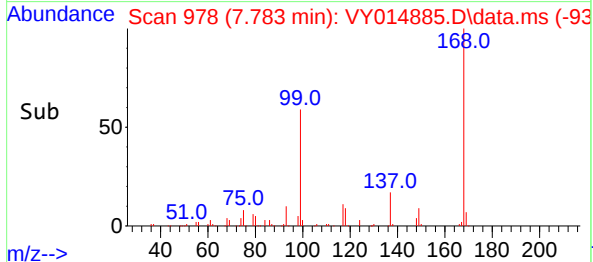
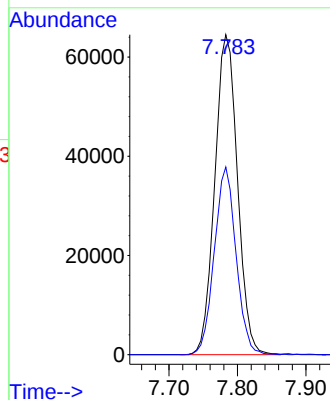


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :

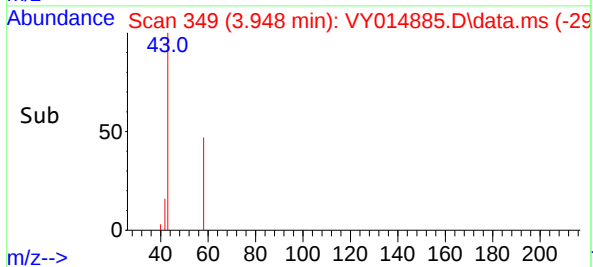
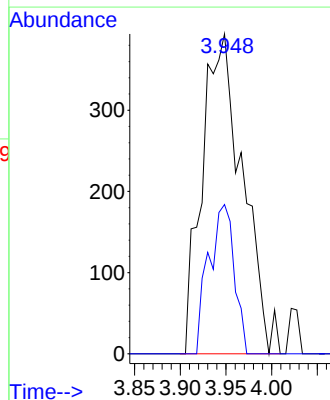
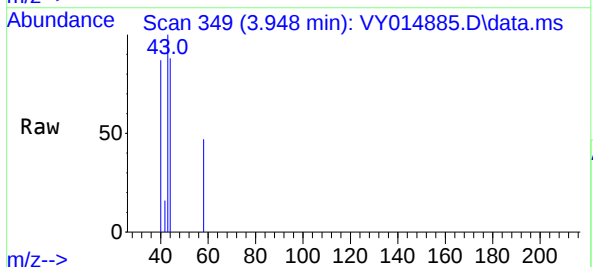


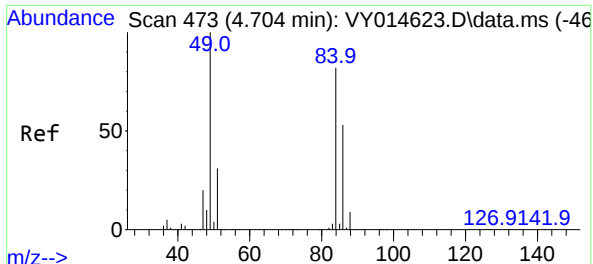
Tgt Ion:168 Resp: 148159
Ion Ratio Lower Upper
168 100
99 58.7 43.4 65.0



#16
Acetone
Concen: 2.271 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

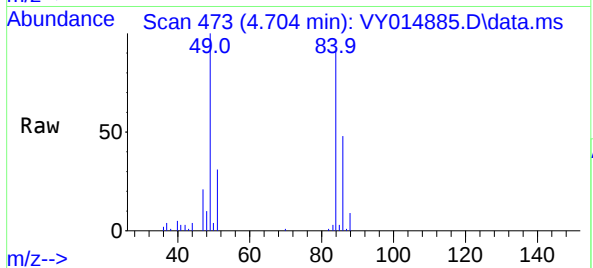
Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 46.7 22.7 34.1#





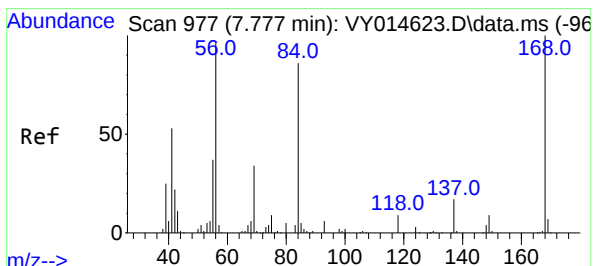
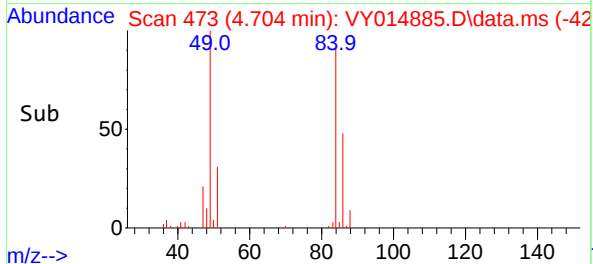
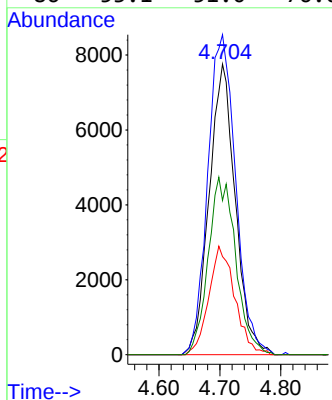
#20
Methylene Chloride
Concen: 9.918 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 23122

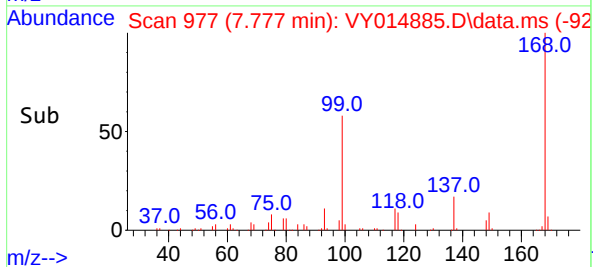
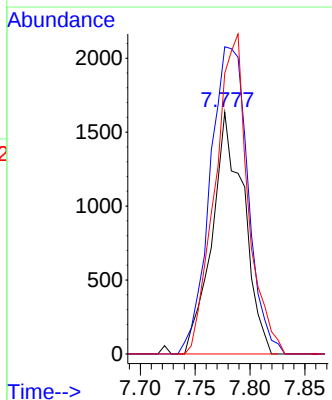
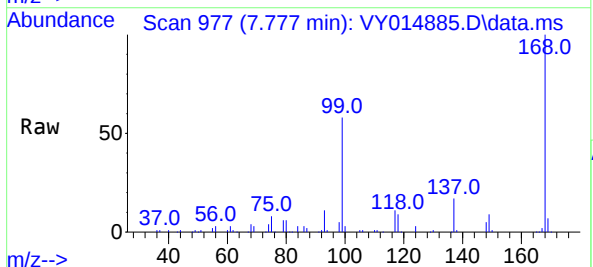
Ion	Ratio	Lower	Upper
84	100		
49	110.1	106.9	160.3
51	33.8	33.2	49.8
86	53.1	51.0	76.6

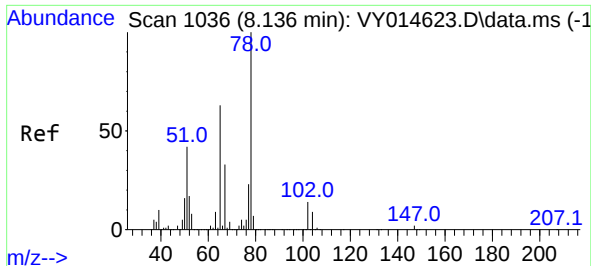


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

Tgt Ion: 56 Resp: 3299

Ion	Ratio	Lower	Upper
56	100		
69	127.2	27.8	41.6#
84	116.2	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 56.423 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014885.D

Acq: 27 Jul 2023 16:19

Instrument :

MSVOA_Y

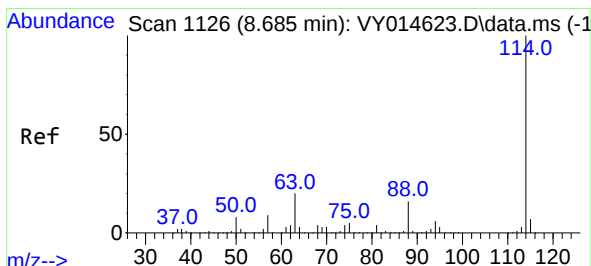
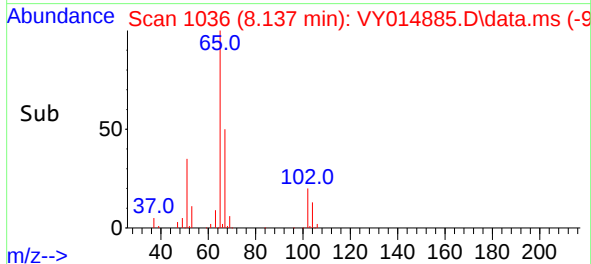
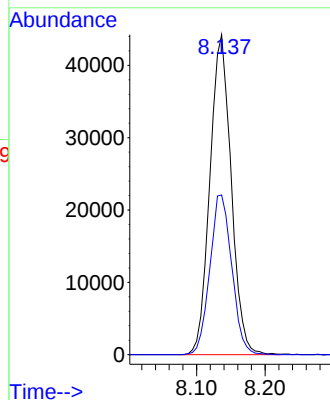
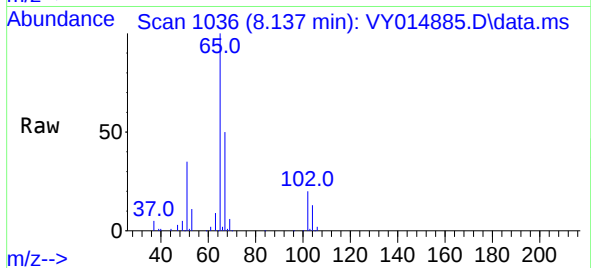
ClientSampleId :

Tgt Ion: 65 Resp: 95260

Ion Ratio Lower Upper

65 100

67 51.5 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: VY014885.D

Acq: 27 Jul 2023 16:19

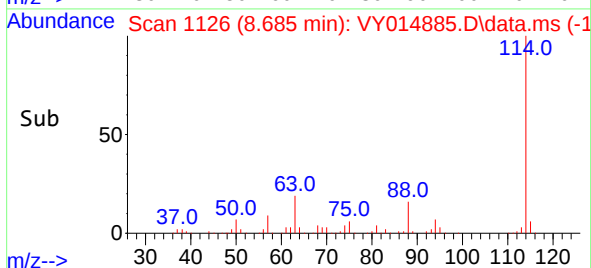
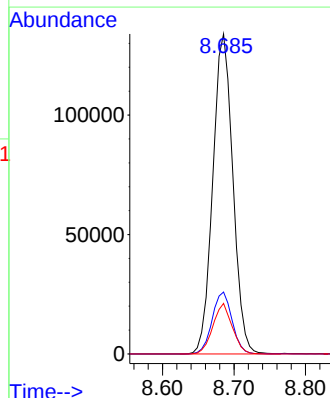
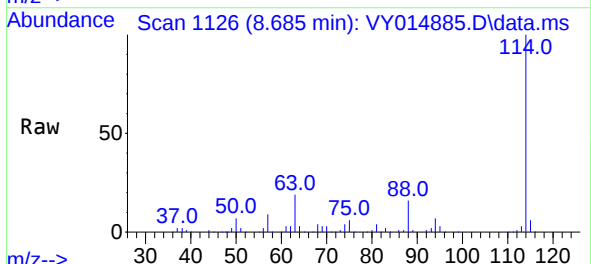
Tgt Ion: 114 Resp: 261208

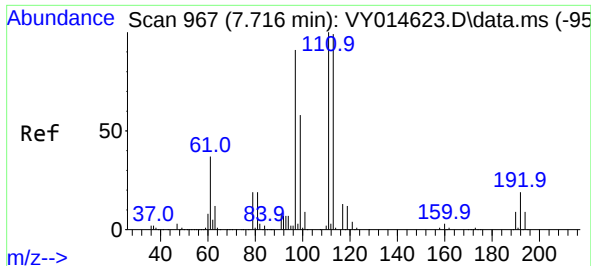
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.8 0.0 30.6

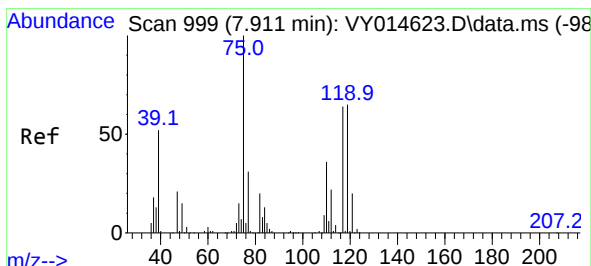
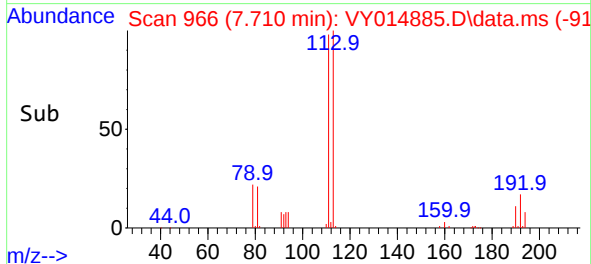
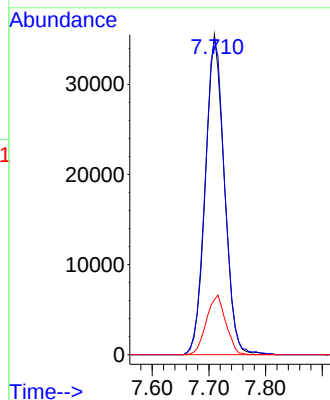
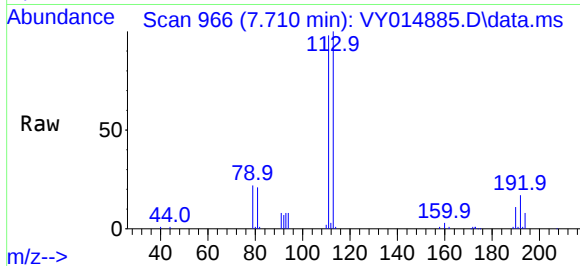




#35
Dibromofluoromethane
Concen: 49.351 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

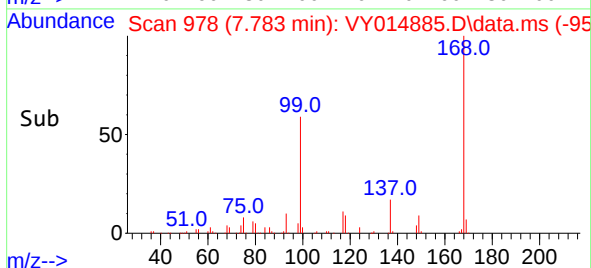
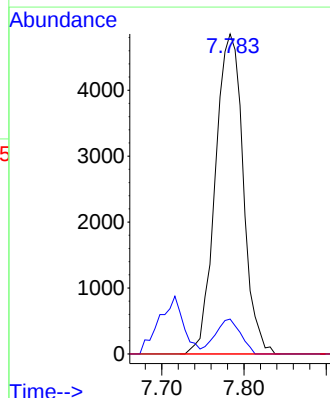
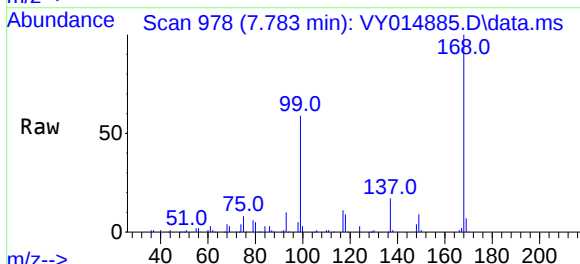
Instrument :
MSVOA_Y
ClientSampleId :

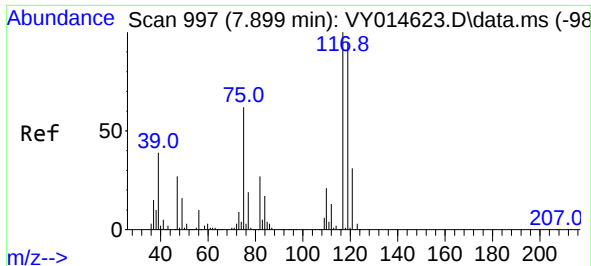
Tgt Ion:113 Resp: 82061
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.595 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

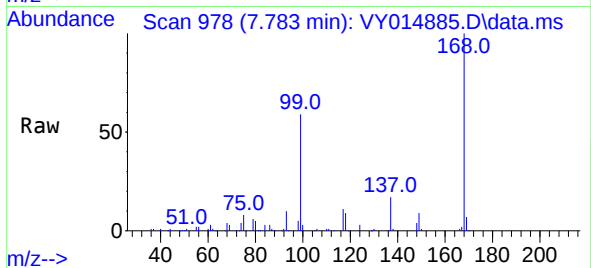
Tgt Ion: 75 Resp: 11425
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#



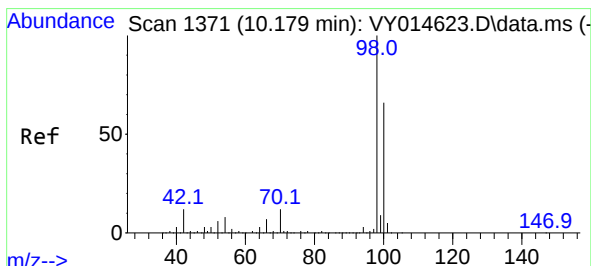
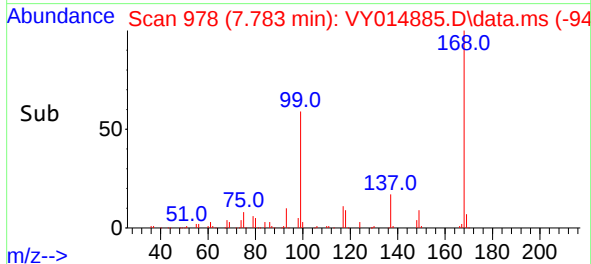
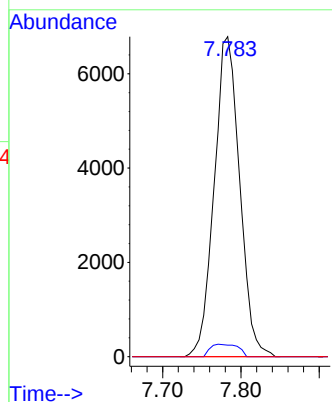


#38
Carbon Tetrachloride
Concen: 5.826 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :

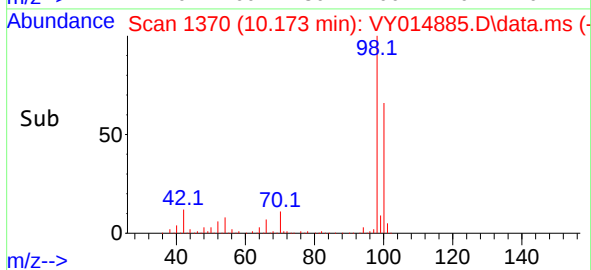
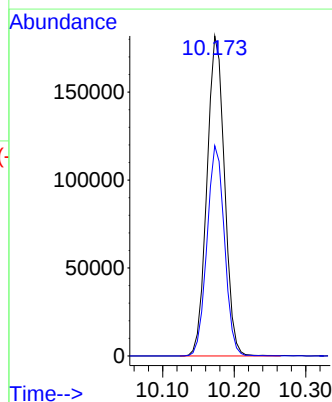
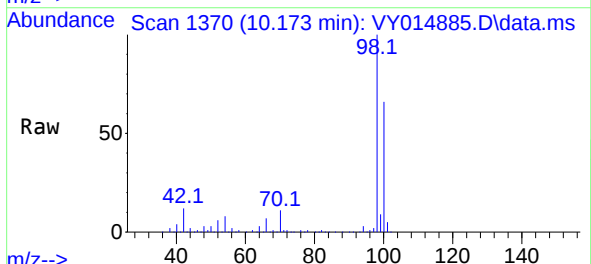


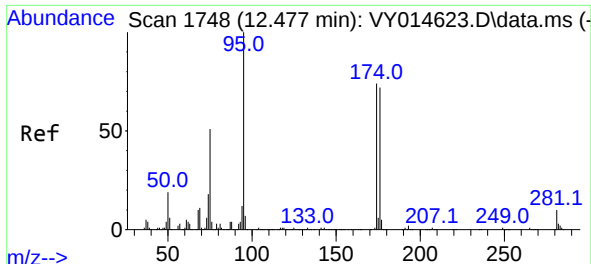
Tgt Ion:117 Resp: 15314
Ion Ratio Lower Upper
117 100
119 3.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.684 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

Tgt Ion: 98 Resp: 310708
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

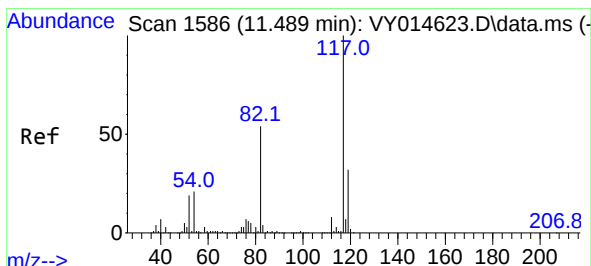
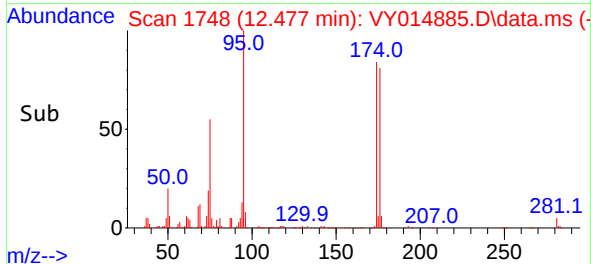
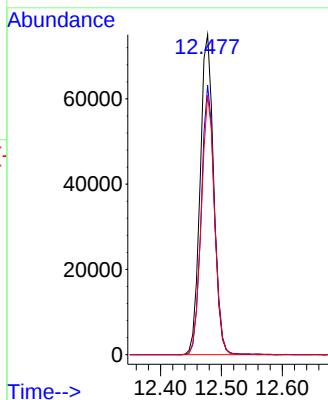
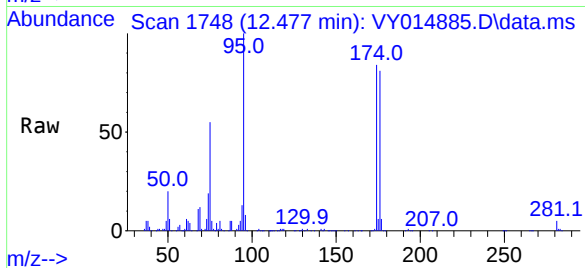




#62
4-Bromofluorobenzene
Concen: 49.266 ug/l
RT: 12.477 min Scan# 115805
Delta R.T. 0.000 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

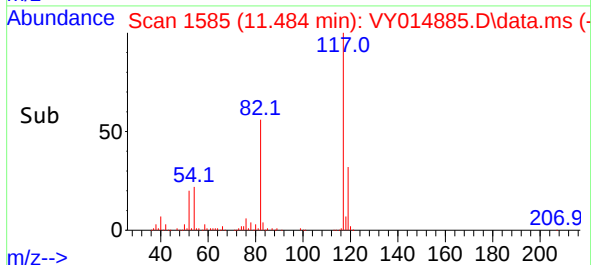
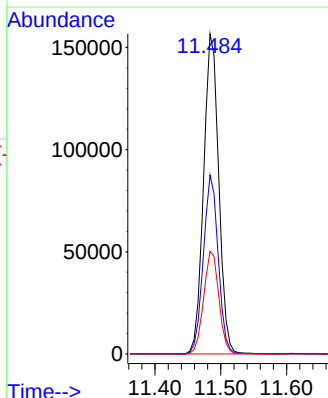
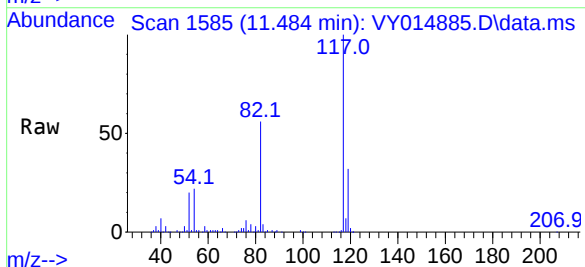
Instrument :
MSVOA_Y
ClientSampleId :

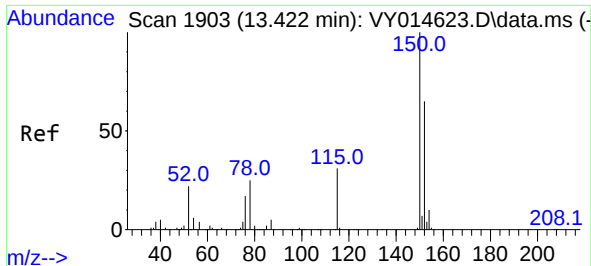
Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	178.2
176	79.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

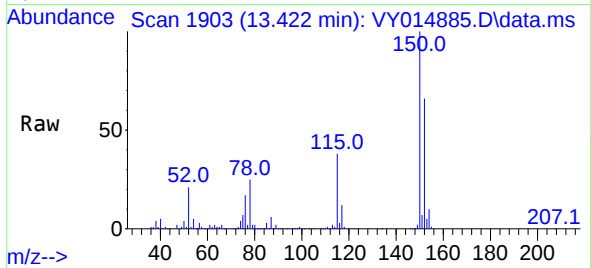
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.4	65.0
119	32.1	26.3	39.5



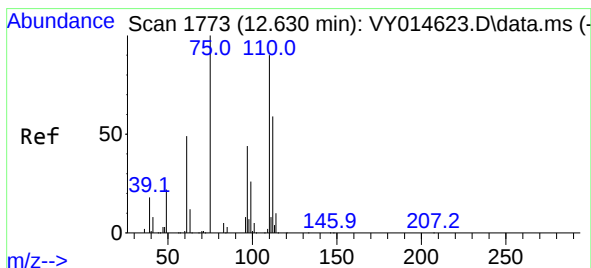
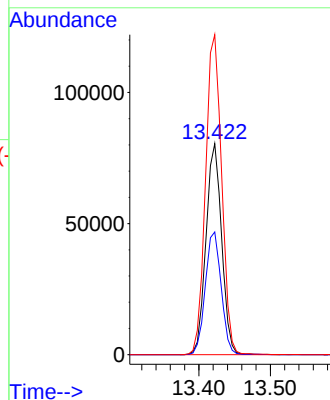
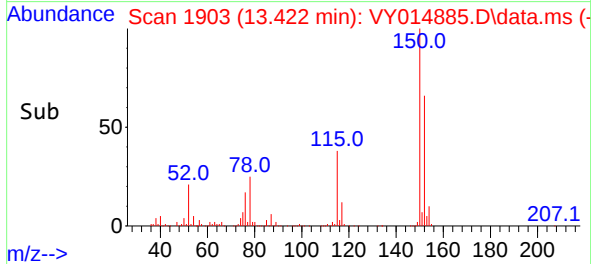


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :

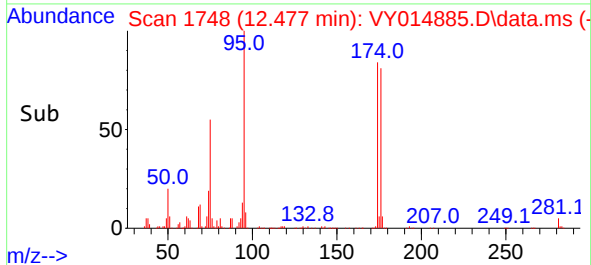
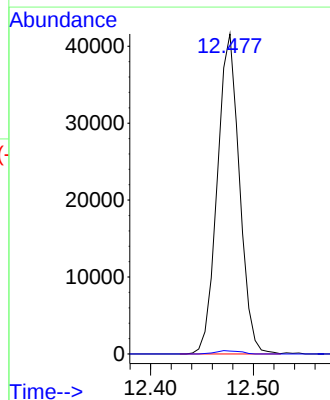
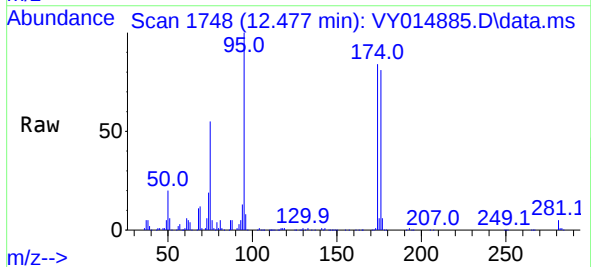


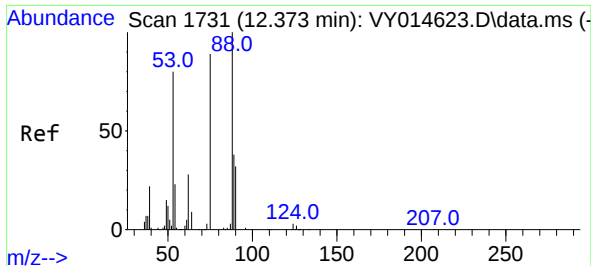
Tgt Ion:152 Resp: 122520
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.5
150 156.1 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.171 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

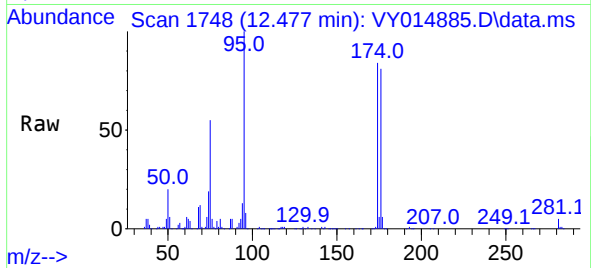
Tgt Ion: 75 Resp: 62160
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.778 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 62160
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

