

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010692.D
 Acq On : 27 Sep 2022 12:59
 Operator : KP/MD
 Sample : N4781-01
 Misc : 6.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 01:25:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

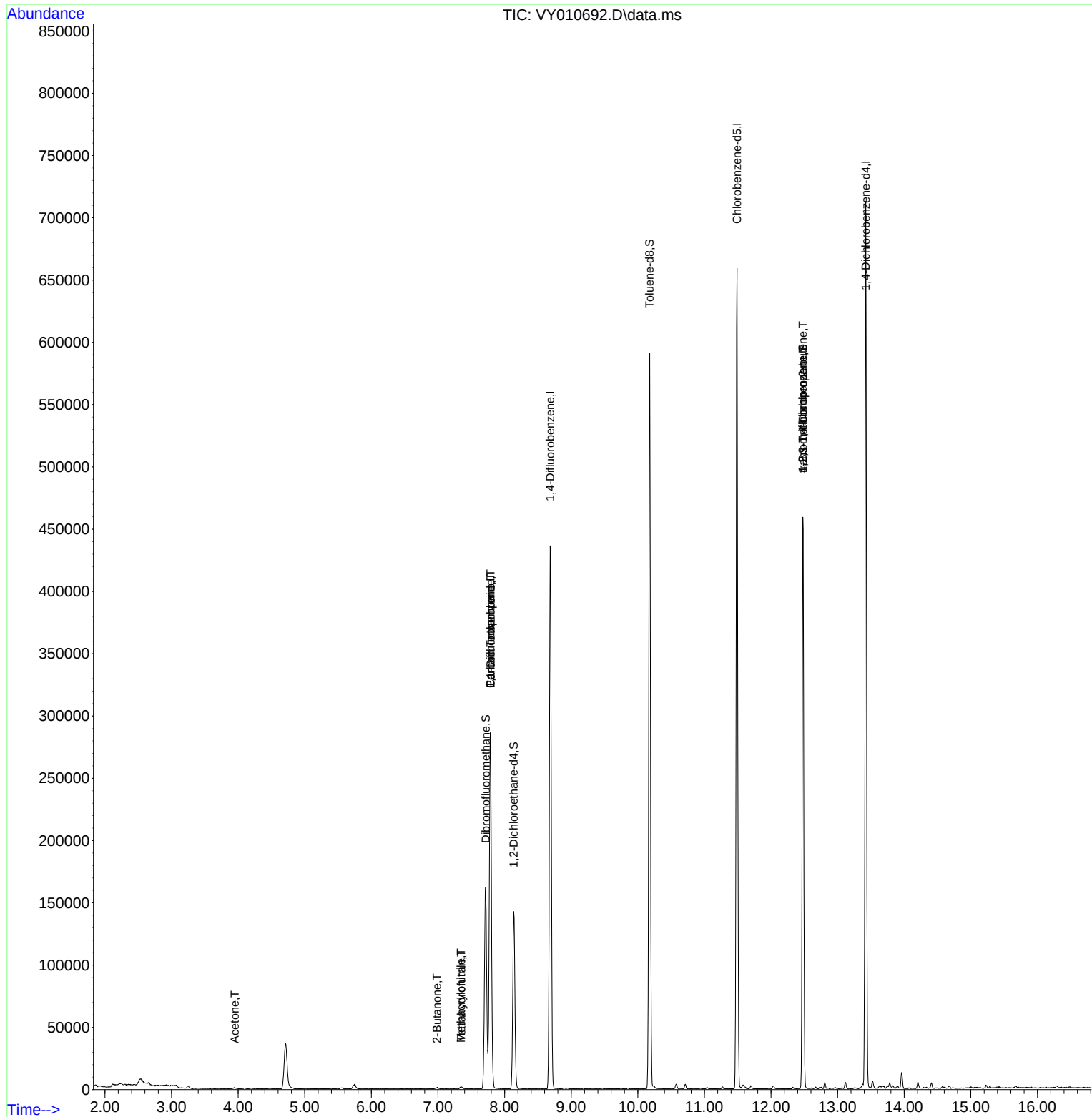
Internal Standards						
1) Pentafluorobenzene	7.789	168	220300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	377027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	349295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110269	52.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.660%	
35) Dibromofluoromethane	7.716	113	114495	47.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.160%	
50) Toluene-d8	10.179	98	389934	44.233	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.460%	
62) 4-Bromofluorobenzene	12.477	95	138610	41.542	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.080%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	64	Below Cal	#	43
3) Chloromethane	2.113	50	677	Below Cal		99
4) Vinyl Chloride	2.247	62	53	Below Cal	#	43
5) Bromomethane	2.662	94	548	Below Cal		83
11) Tert butyl alcohol	4.942	59	64	Below Cal	#	77
16) Acetone	3.948	43	1803	4.196	ug/l	96
17) Carbon Disulfide	4.180	76	409	Below Cal	#	75
18) Methyl Acetate	4.460	43	284	Below Cal	#	56
25) 2-Butanone	6.984	43	1171	1.742	ug/l #	79
29) Tetrahydrofuran	7.350	42	1255	3.040	ug/l #	85
31) Cyclohexane	7.783	56	4801	Below Cal	#	12
36) 1,1-Dichloropropene	7.789	75	17137	6.392	ug/l #	51
38) Carbon Tetrachloride	7.789	117	22320	7.240	ug/l #	15
41) Methacrylonitrile	7.344	41	847	1.072	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	73250	44.042	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73250	97.925	ug/l #	7

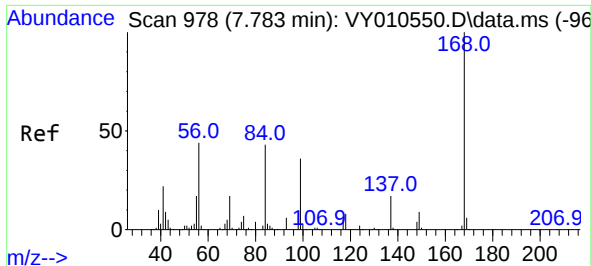
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
Data File : VY010692.D
Acq On : 27 Sep 2022 12:59
Operator : KP/MD
Sample : N4781-01
Misc : 6.49g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 28 01:25:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration

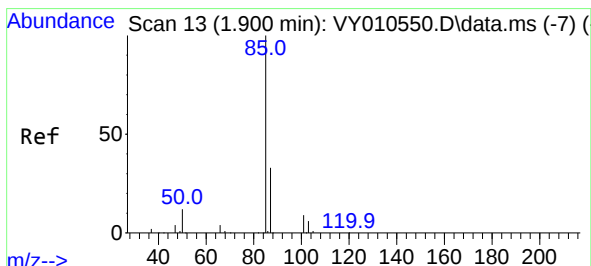
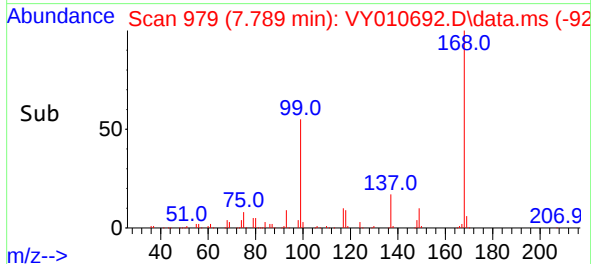
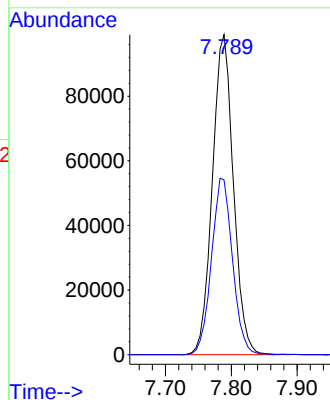
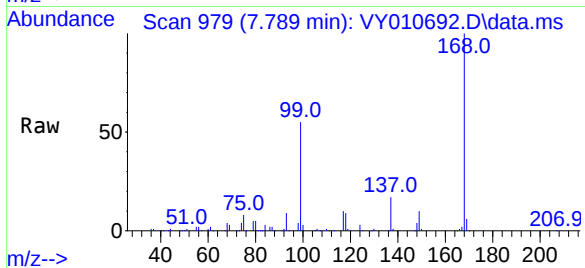




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

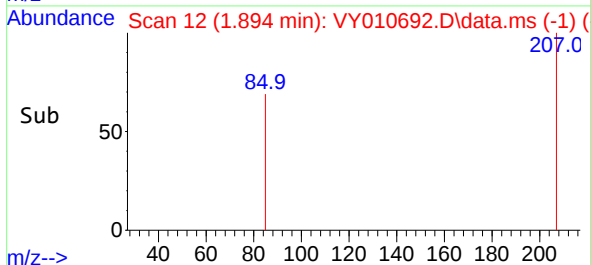
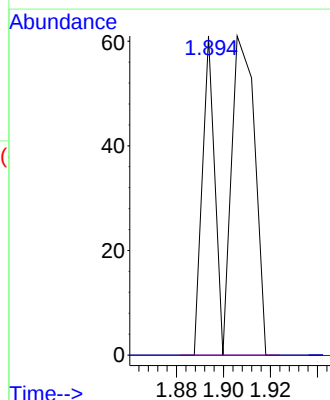
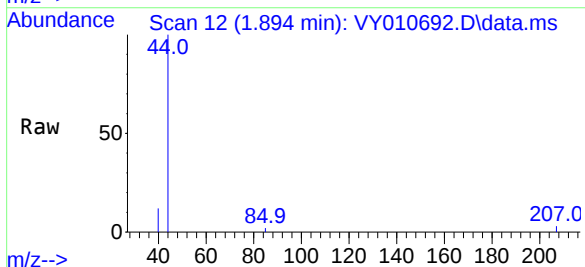
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 220300
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Tgt Ion: 85 Resp: 64
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

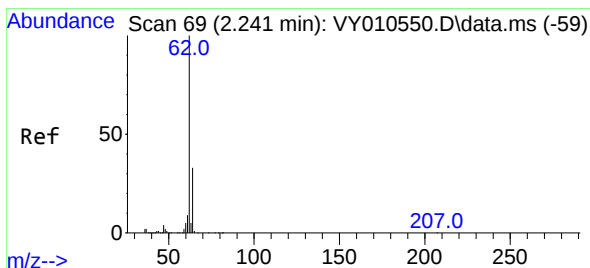
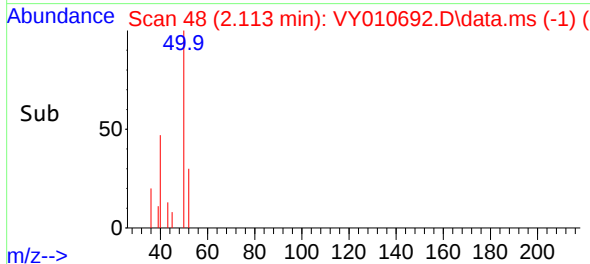
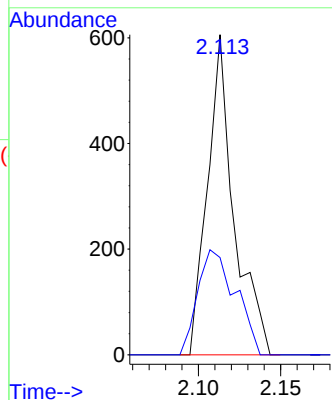
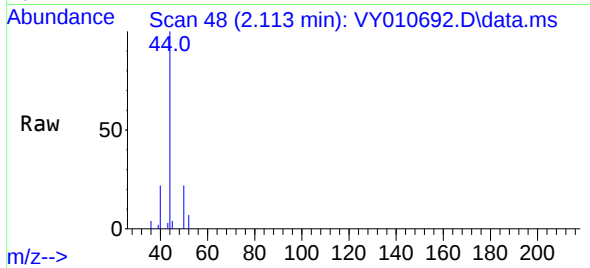




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

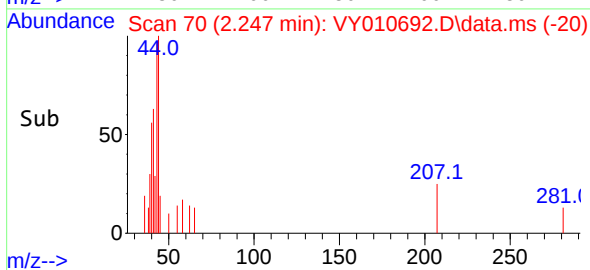
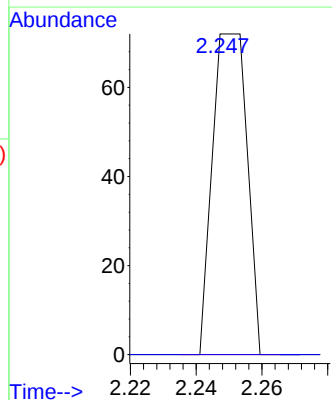
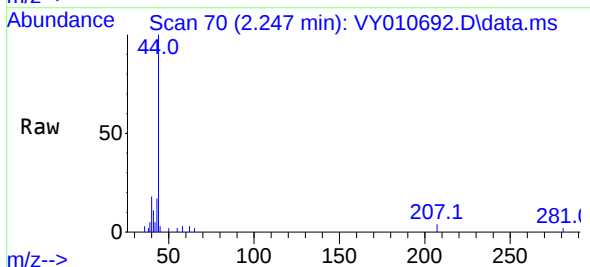
Instrument :
MSVOA_Y
ClientSampleId :

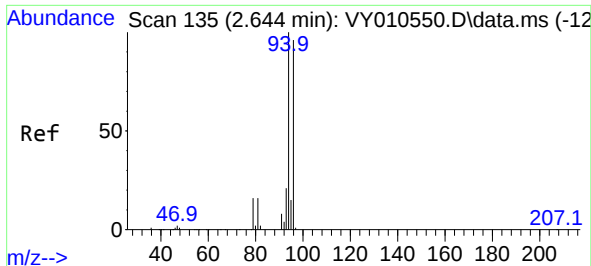
Tgt Ion: 50 Resp: 677
Ion Ratio Lower Upper
50 100
52 30.4 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

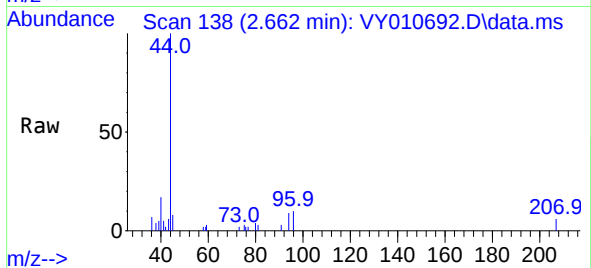
Tgt Ion: 62 Resp: 53
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#



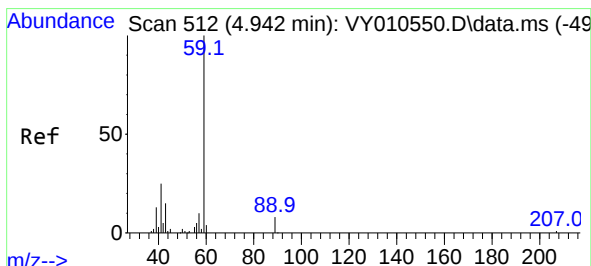
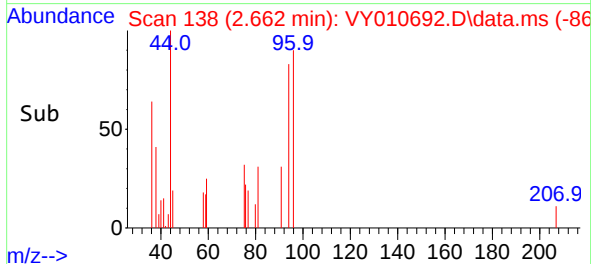
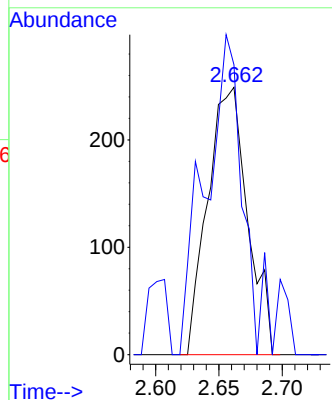


#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Instrument :
MSVOA_Y
ClientSampleId :

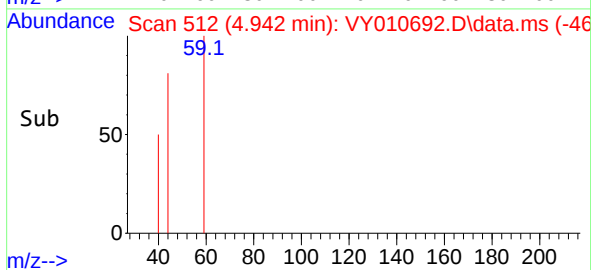
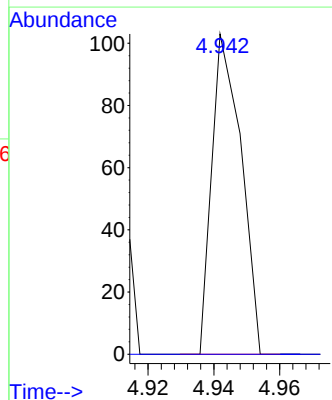
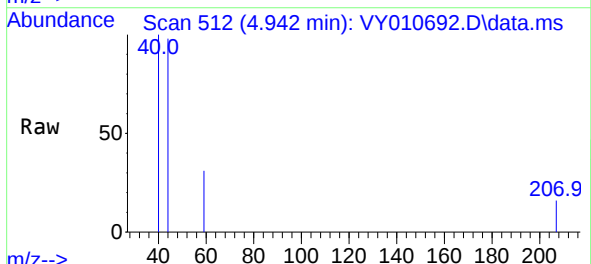


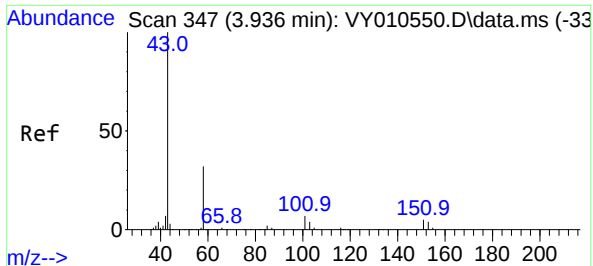
Tgt Ion: 94 Resp: 548
Ion Ratio Lower Upper
94 100
96 108.4 73.5 110.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

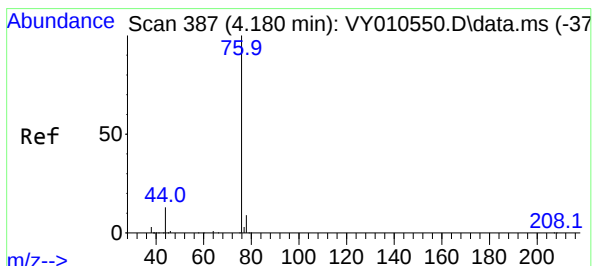
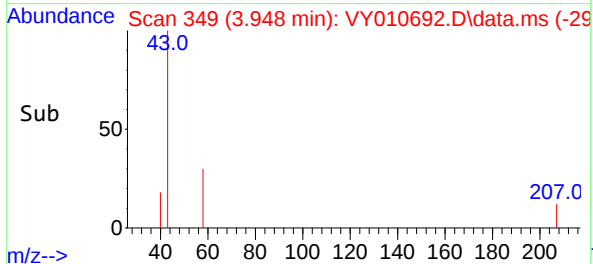
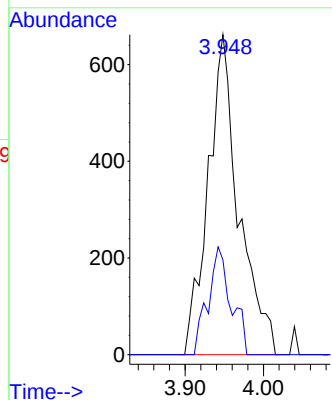
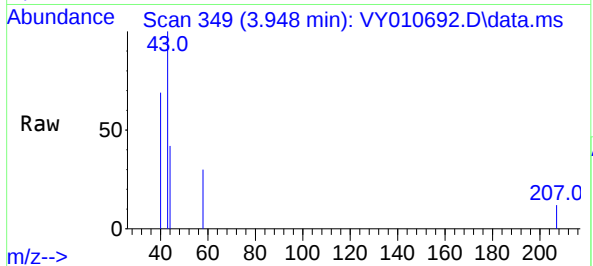




#16
Acetone
Concen: 4.196 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

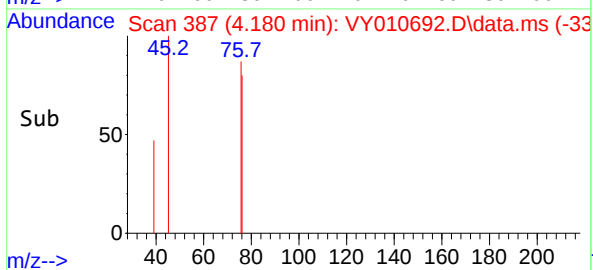
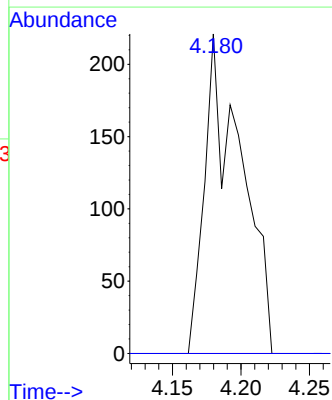
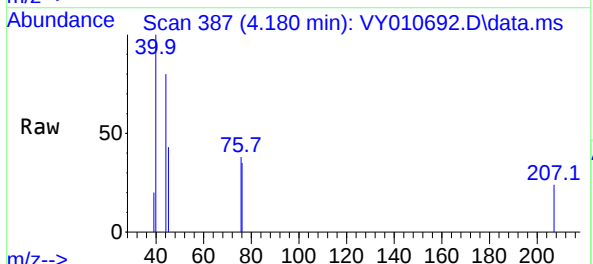
Instrument :
MSVOA_Y
ClientSampleId :

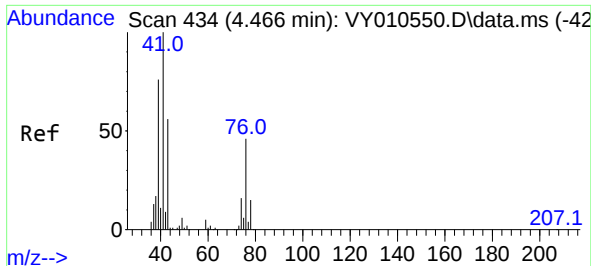
Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 29.6 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Tgt Ion: 76 Resp: 409
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.460 min Scan# 41

Delta R.T. -0.006 min

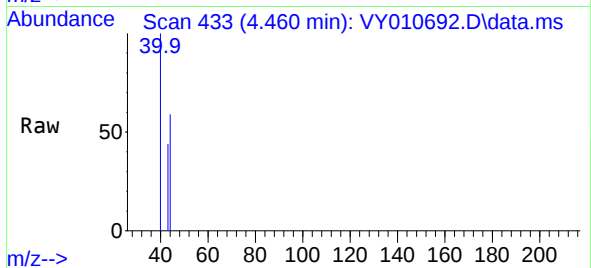
Lab File: VY010692.D

Acq: 27 Sep 2022 12:59

Instrument :

MSVOA_Y

ClientSampleId :

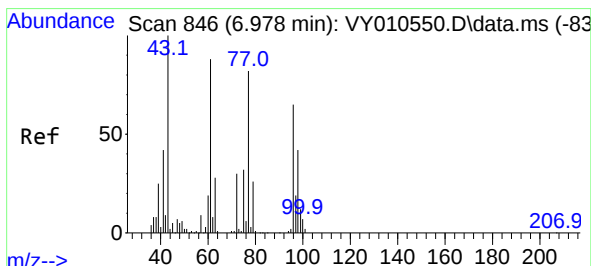
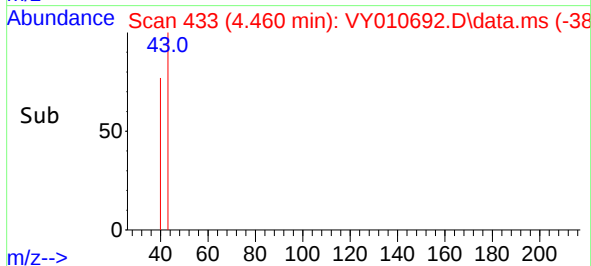
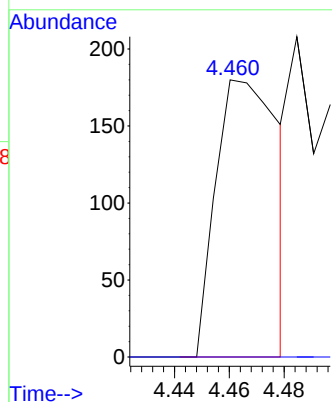


Tgt Ion: 43 Resp: 284

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#25

2-Butanone

Concen: 1.742 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY010692.D

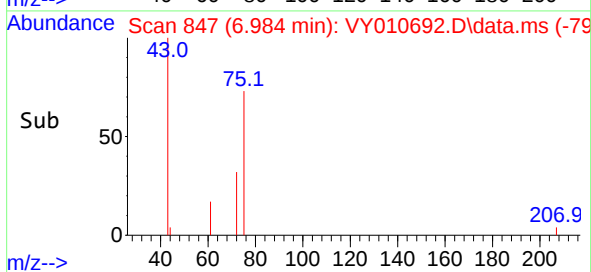
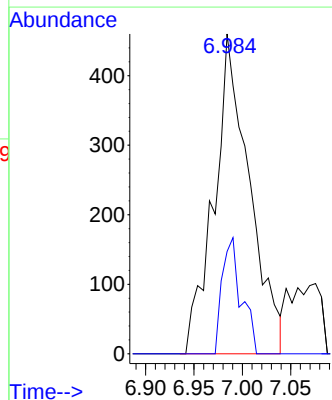
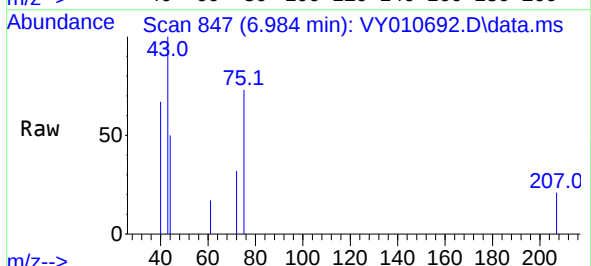
Acq: 27 Sep 2022 12:59

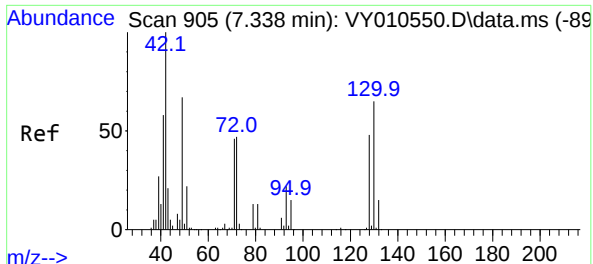
Tgt Ion: 43 Resp: 1171

Ion Ratio Lower Upper

43 100

72 32.0 17.7 26.5#

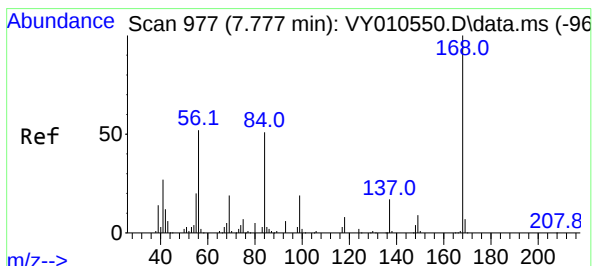
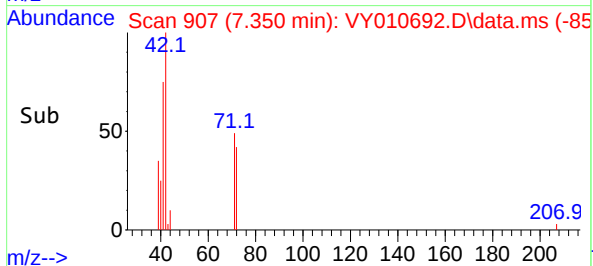
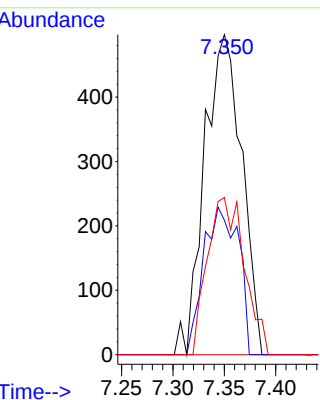
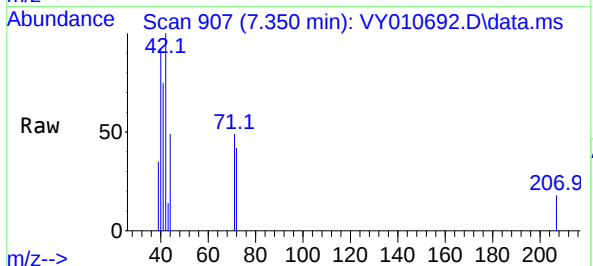




#29
Tetrahydrofuran
Concen: 3.040 ug/l
RT: 7.350 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

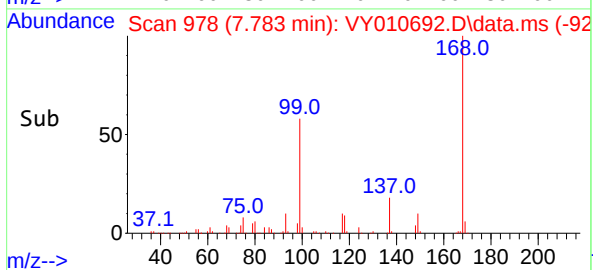
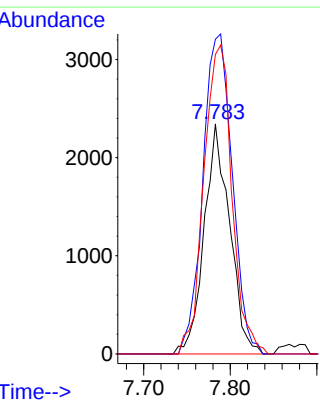
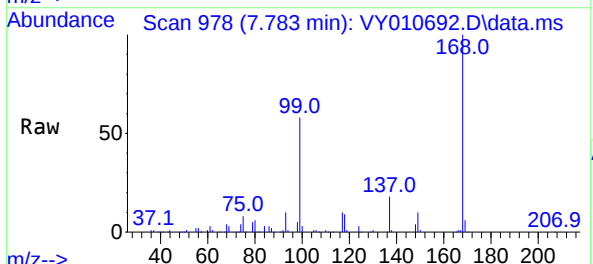
Instrument :
MSVOA_Y
ClientSampleId :

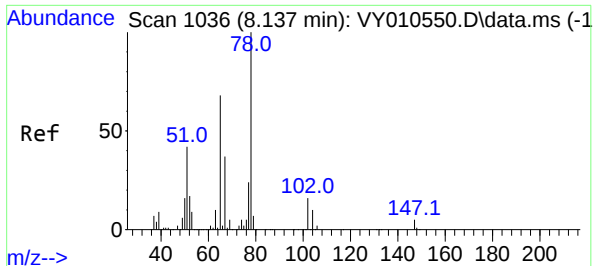
Tgt Ion:	42	Resp:	1255
Ion	Ratio	Lower	Upper
42	100		
72	43.0	30.3	45.5
71	48.6	29.0	43.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Tgt Ion:	56	Resp:	4801
Ion	Ratio	Lower	Upper
56	100		
69	136.8	26.7	40.1#
84	130.2	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 52.332 ug/l

RT: 8.136 min Scan# 110269

Delta R.T. -0.001 min

Lab File: VY010692.D

Acq: 27 Sep 2022 12:59

Instrument :

MSVOA_Y

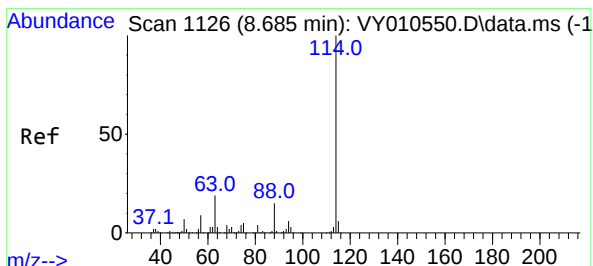
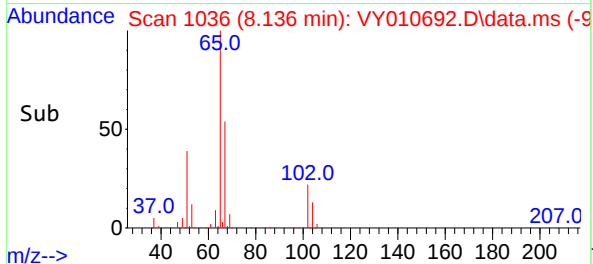
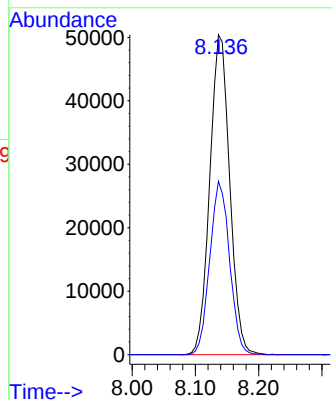
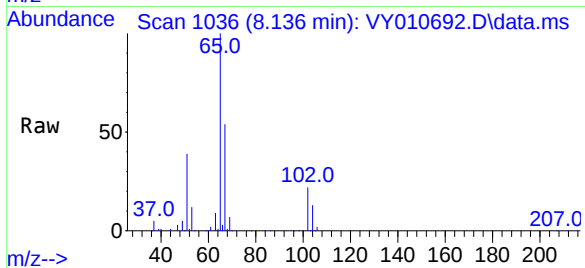
ClientSampleId :

Tgt Ion: 65 Resp: 110269

Ion Ratio Lower Upper

65 100

67 53.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010692.D

Acq: 27 Sep 2022 12:59

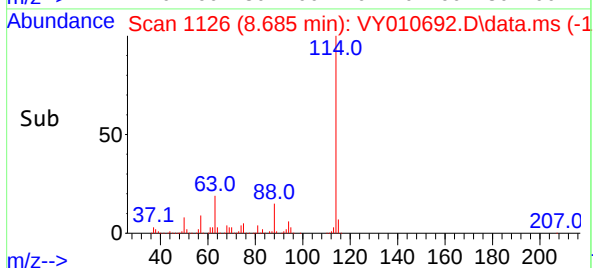
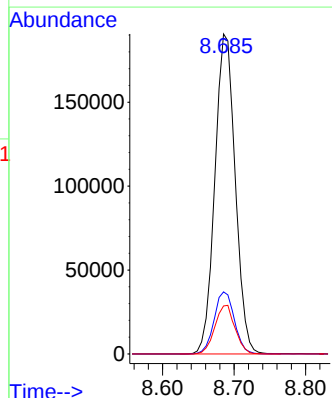
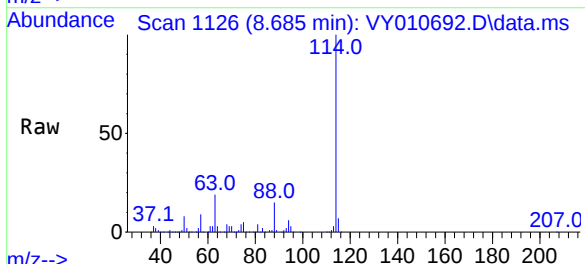
Tgt Ion:114 Resp: 377027

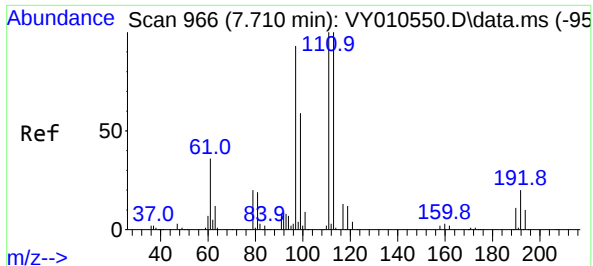
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

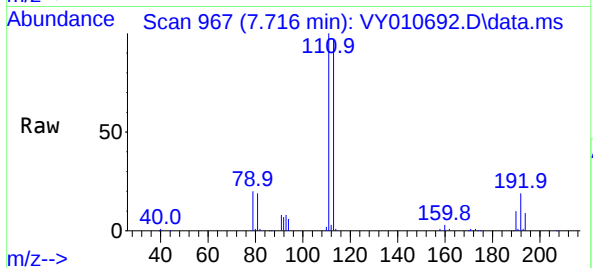
88 15.0 0.0 31.8



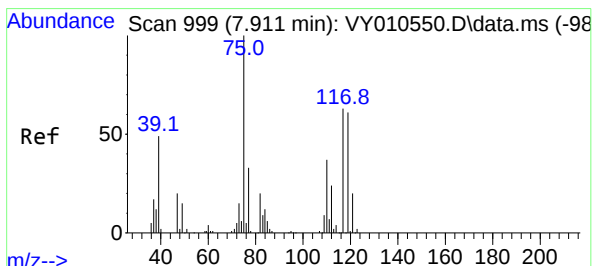
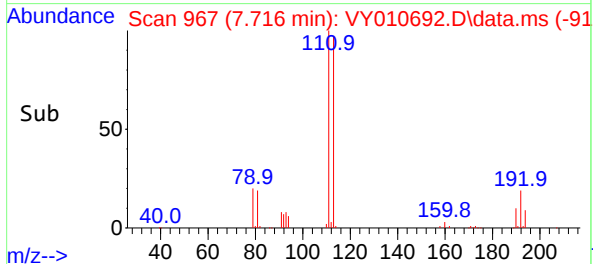
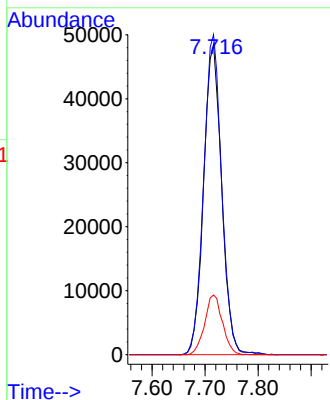


#35
Dibromofluoromethane
Concen: 47.584 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Instrument :
MSVOA_Y
ClientSampleId :

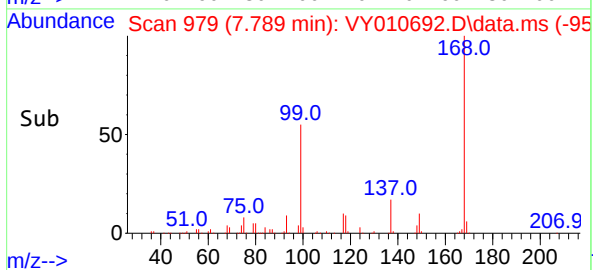
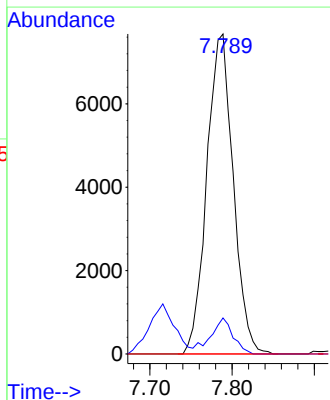
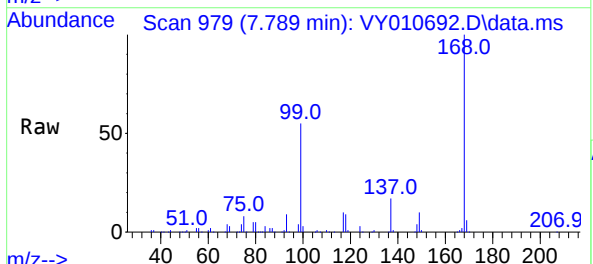


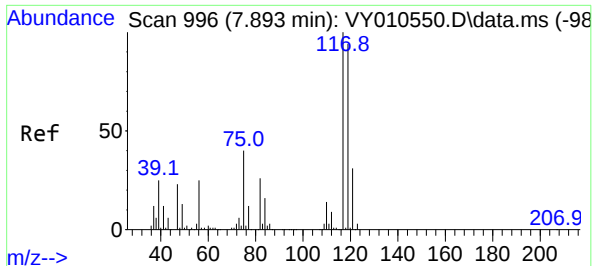
Tgt Ion:113 Resp: 114495
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 6.392 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

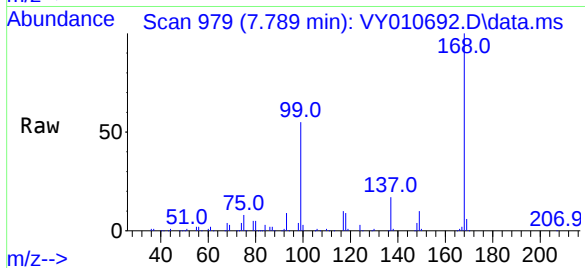
Tgt Ion: 75 Resp: 17137
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



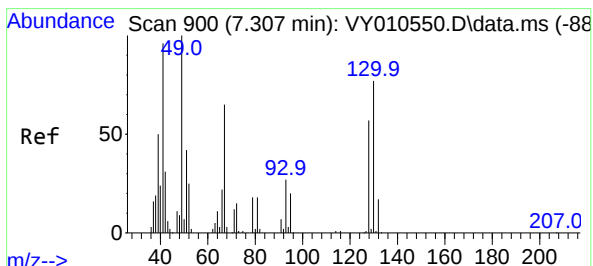
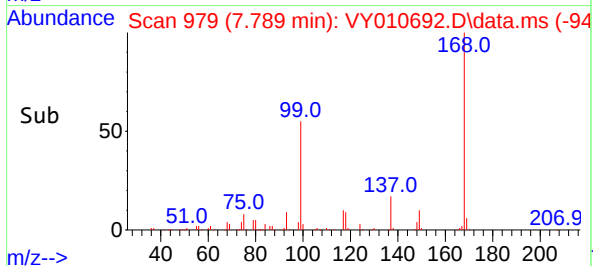
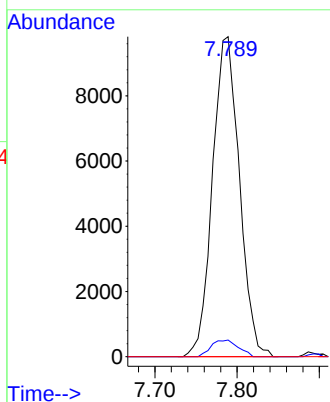


#38
Carbon Tetrachloride
Concen: 7.240 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Instrument :
MSVOA_Y
ClientSampleId :

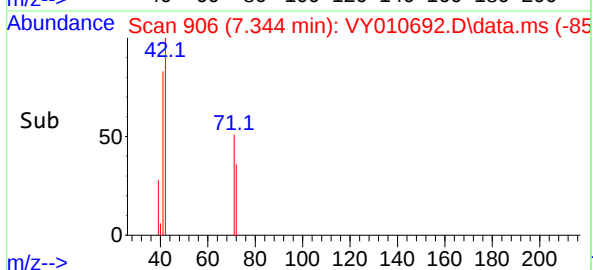
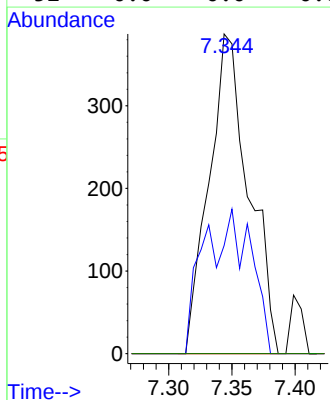
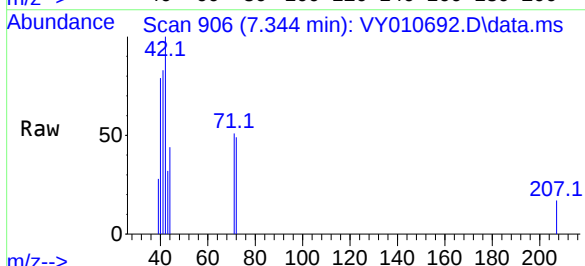


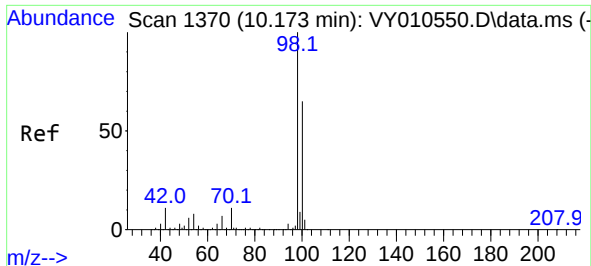
Tgt Ion:117 Resp: 22320
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 1.072 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Tgt Ion: 41 Resp: 847
Ion Ratio Lower Upper
41 100
39 21.1 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

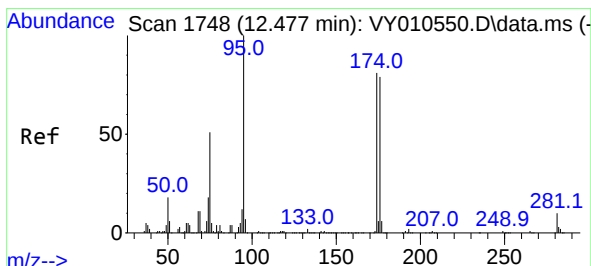
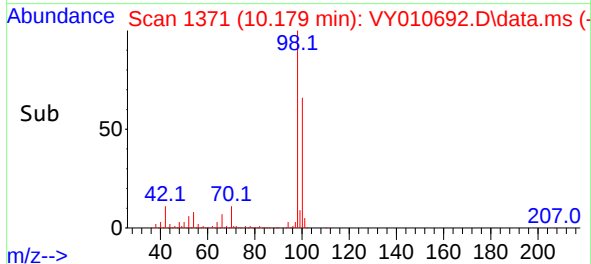
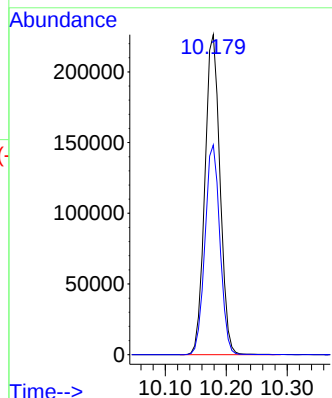
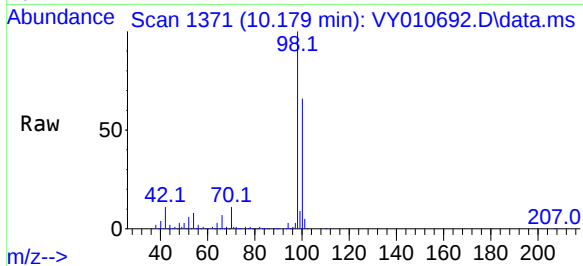




#50
Toluene-d8
Concen: 44.233 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

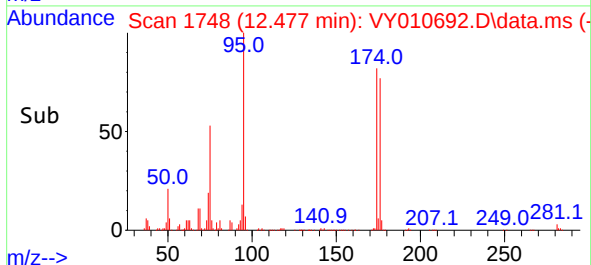
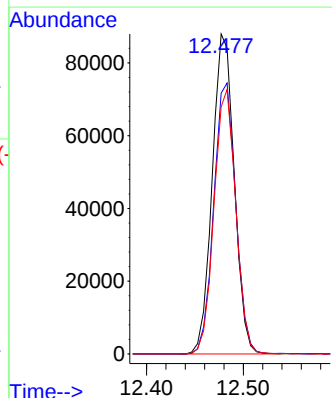
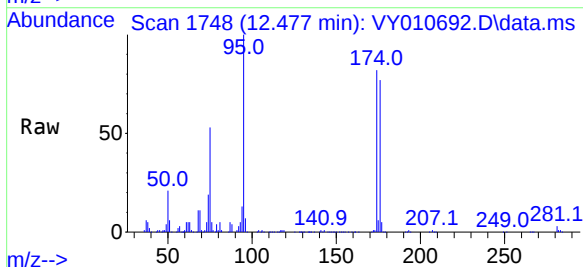
Instrument :
MSVOA_Y
ClientSampleId :

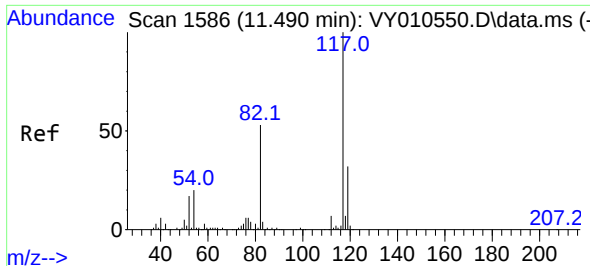
Tgt Ion: 98 Resp: 389934
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.542 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

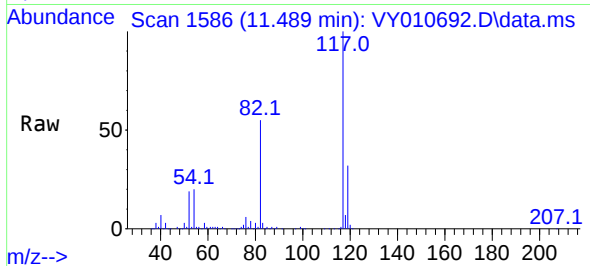
Tgt Ion: 95 Resp: 138610
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 81.8 0.0 175.8



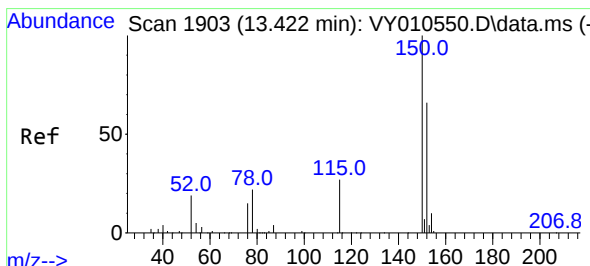
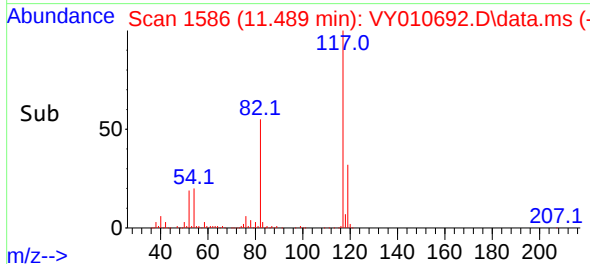
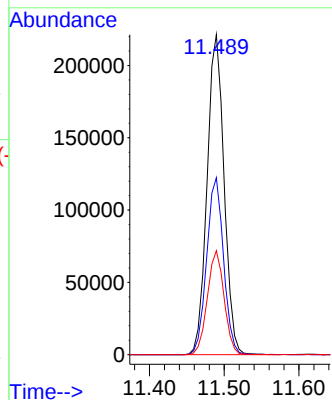


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Instrument :
MSVOA_Y
ClientSampleId :

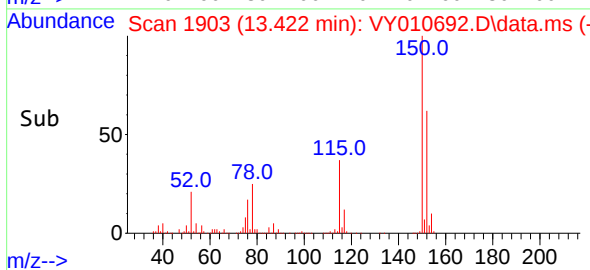
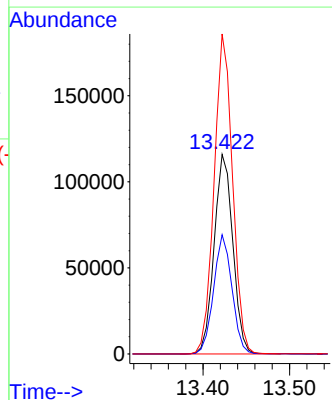
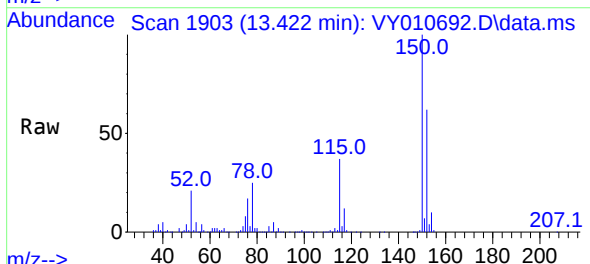


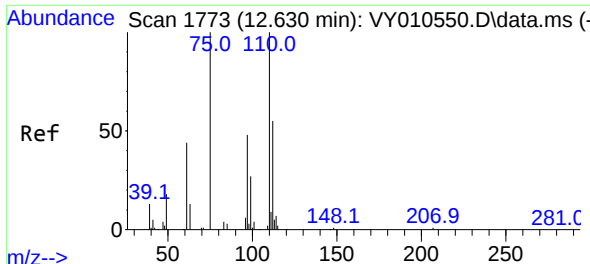
Tgt Ion:117 Resp: 349295
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Tgt Ion:152 Resp: 174259
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 158.0 0.0 347.6

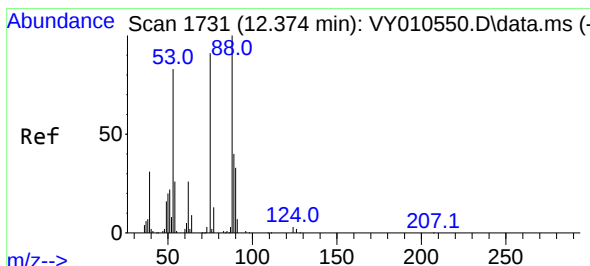
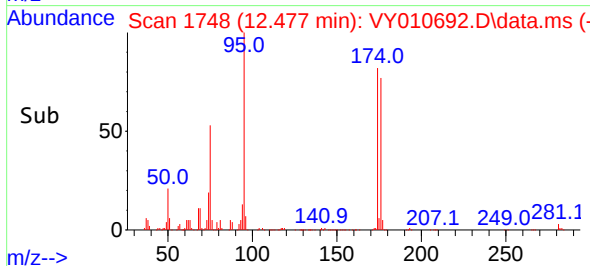
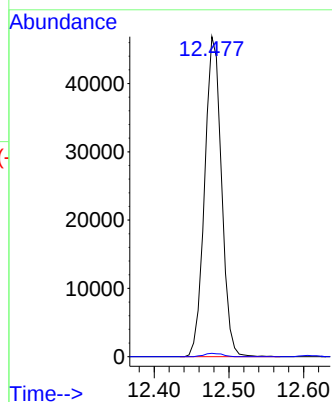
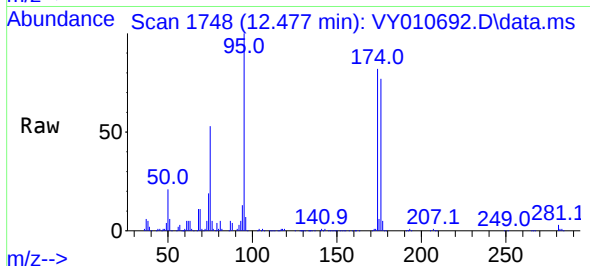




#76
1,2,3-Trichloropropane
Concen: 44.042 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 73250
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.925 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Tgt Ion: 75 Resp: 73250
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.3 37.0 55.4#

