

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011862.D
 Acq On : 15 Dec 2022 11:19
 Operator : KP/MD
 Sample : VY1215SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBL01

Quant Time: Dec 16 00:12:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

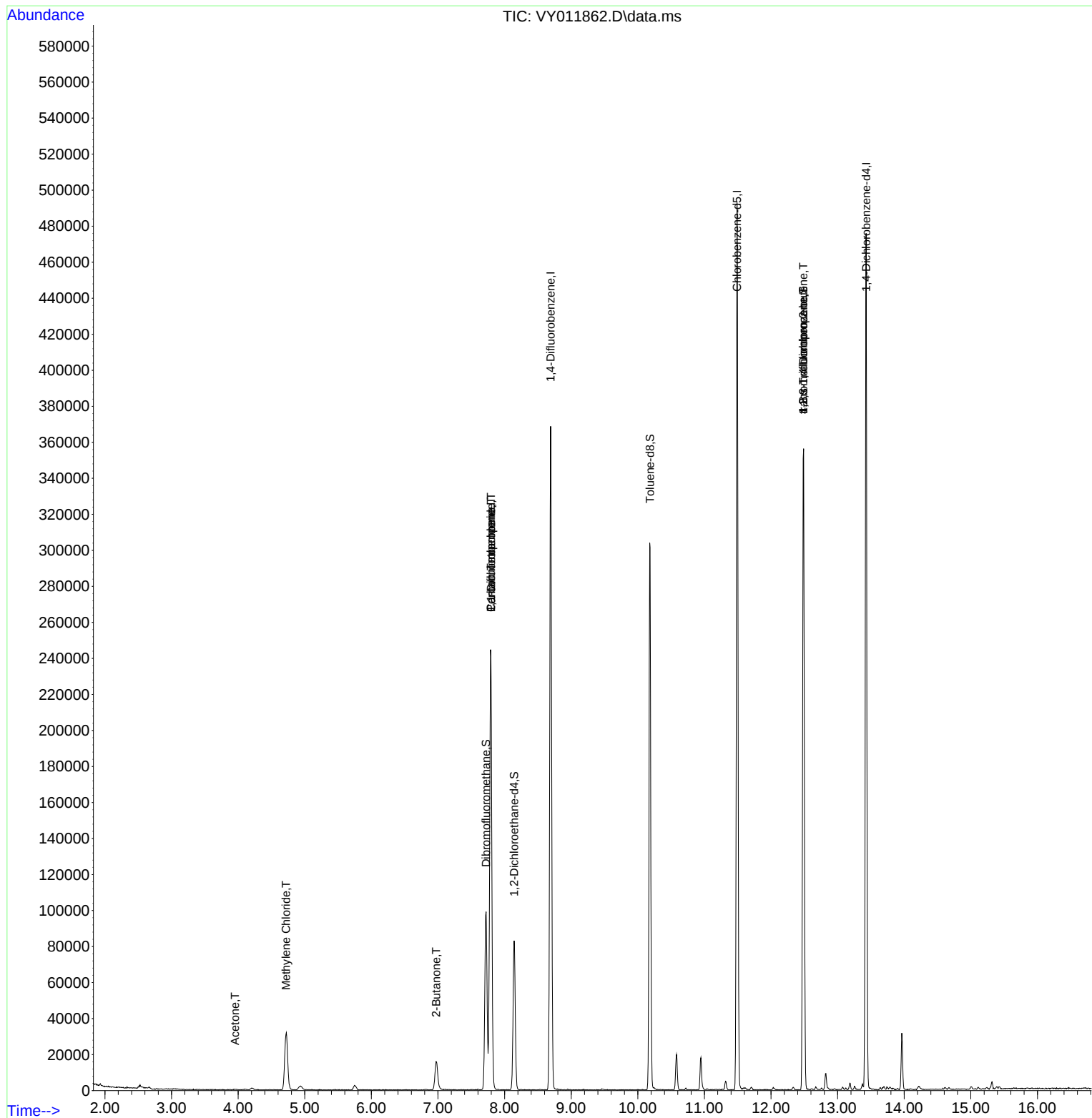
Internal Standards						
1) Pentafluorobenzene	7.795	168	191004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	311426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	271286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66999	51.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.100%	
35) Dibromofluoromethane	7.722	113	69799	50.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.960%	
50) Toluene-d8	10.185	98	205329	44.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.080%	
62) 4-Bromofluorobenzene	12.483	95	80073	43.779	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.560%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	64	Below Cal	#	41
3) Chloromethane	2.119	50	229	Below Cal	#	71
4) Vinyl Chloride	2.509	62	20	Below Cal	#	43
5) Bromomethane	2.662	94	214	Below Cal	#	68
11) Tert butyl alcohol	4.929	59	2837	Below Cal	#	74
16) Acetone	3.954	43	638	1.223	ug/l #	87
18) Methyl Acetate	4.484	43	19	Below Cal	#	50
20) Methylene Chloride	4.716	84	24990	8.595	ug/l	96
25) 2-Butanone	6.972	43	953	1.421	ug/l #	46
31) Cyclohexane	7.789	56	3717	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	14821	6.271	ug/l #	49
38) Carbon Tetrachloride	7.795	117	19110	6.884	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	42689	34.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42689	77.630	ug/l #	13

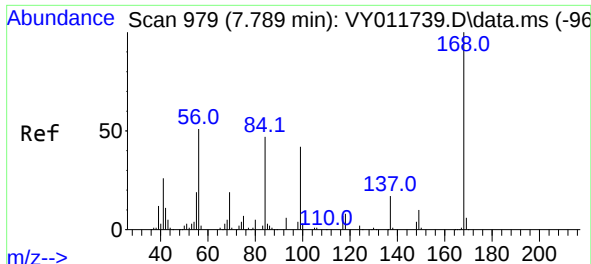
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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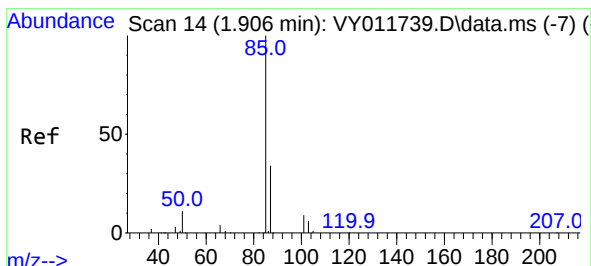
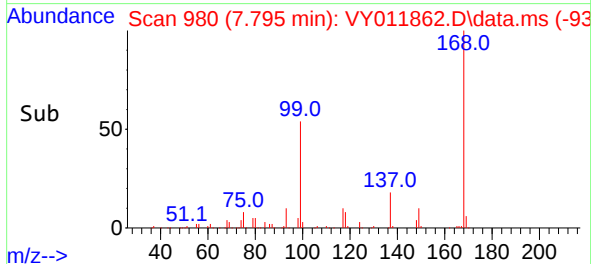
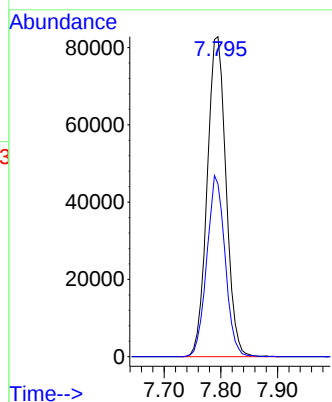
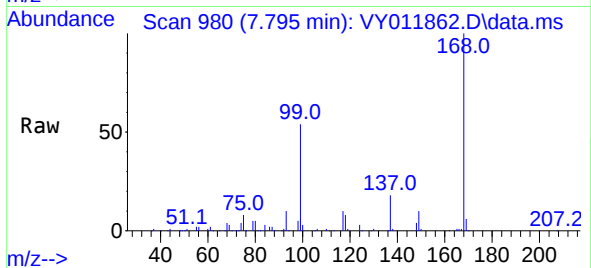




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

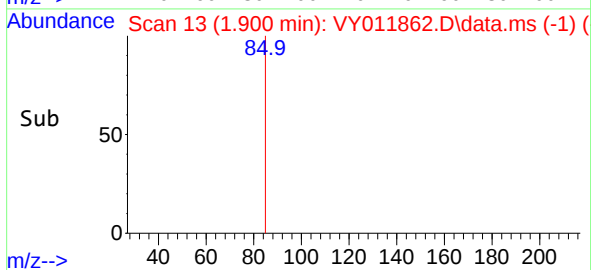
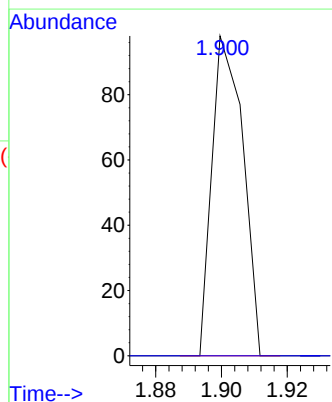
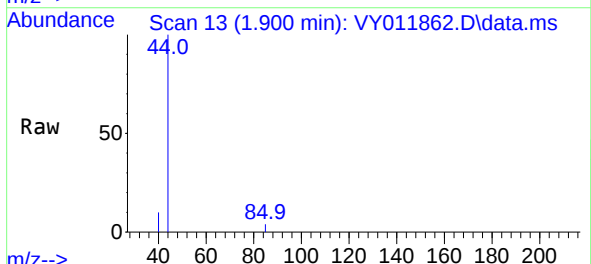
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

Tgt Ion:168 Resp: 191004
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0

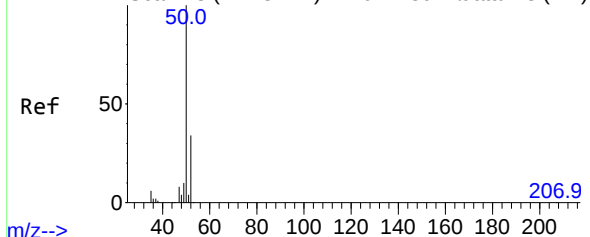


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

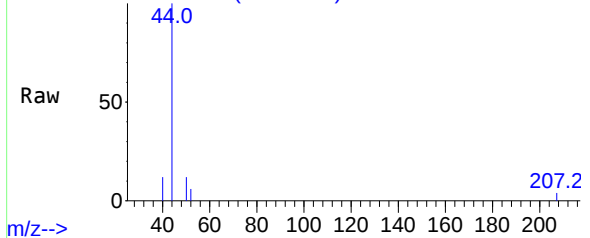
Tgt Ion: 85 Resp: 64
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#



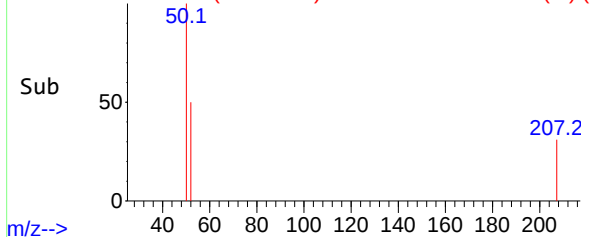
Abundance Scan 48 (2.113 min): VY011739.D\data.ms (-42)



Abundance Scan 49 (2.119 min): VY011862.D\data.ms



Abundance Scan 49 (2.119 min): VY011862.D\data.ms (-1)



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY011862.D

Acq: 15 Dec 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBL01

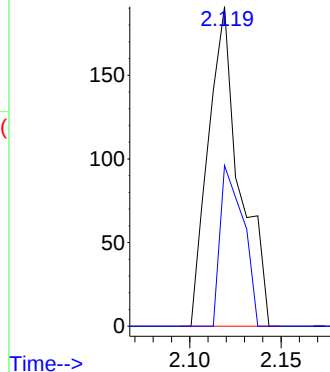
Tgt Ion: 50 Resp: 229

Ion Ratio Lower Upper

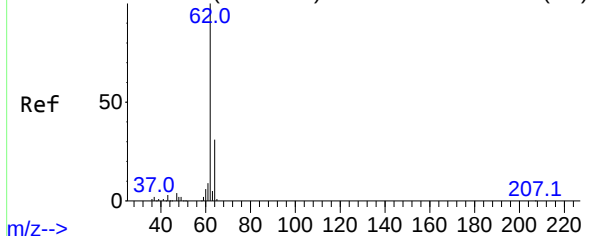
50 100

52 50.3 26.8 40.2#

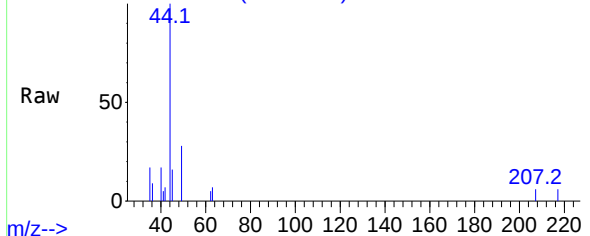
Abundance



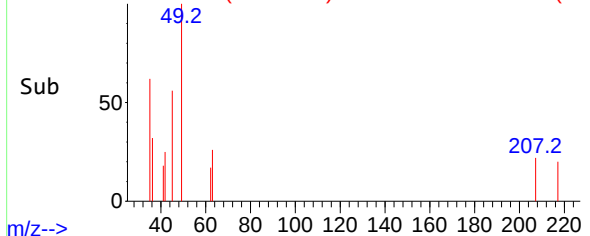
Abundance Scan 71 (2.253 min): VY011739.D\data.ms (-63)



Abundance Scan 113 (2.509 min): VY011862.D\data.ms



Abundance Scan 113 (2.509 min): VY011862.D\data.ms (-22)



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.509 min Scan# 113

Delta R.T. 0.256 min

Lab File: VY011862.D

Acq: 15 Dec 2022 11:19

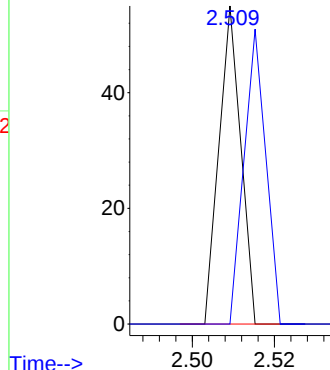
Tgt Ion: 62 Resp: 20

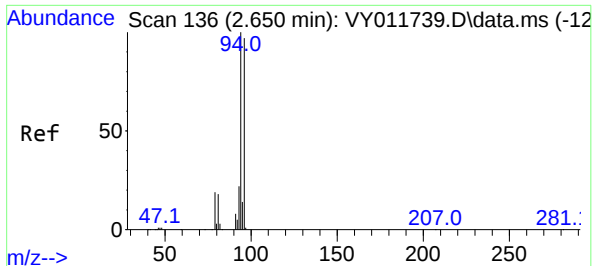
Ion Ratio Lower Upper

62 100

64 0.0 25.0 37.6#

Abundance

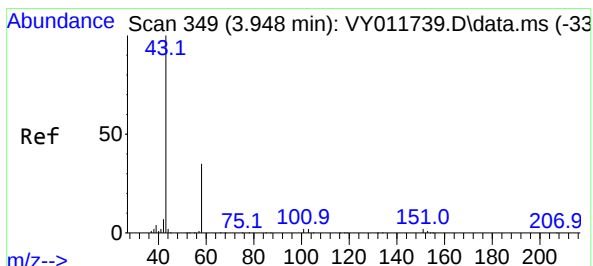
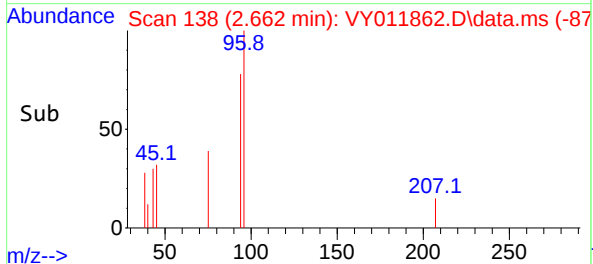
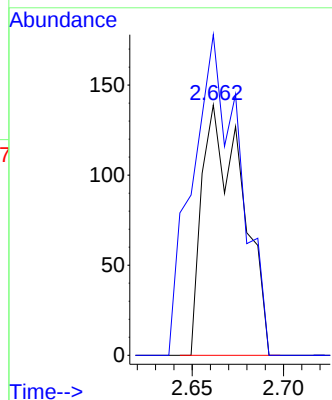
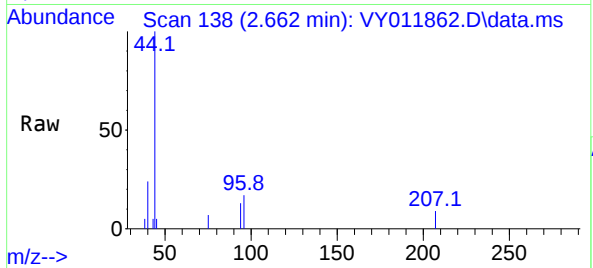




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

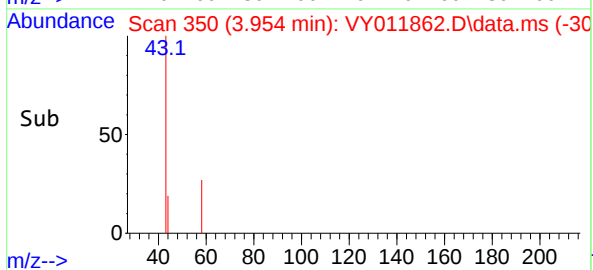
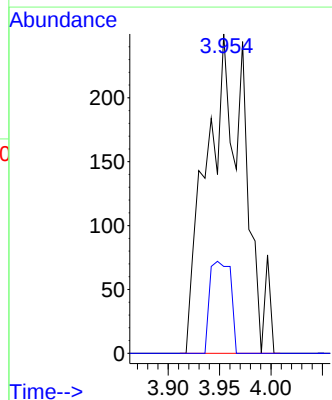
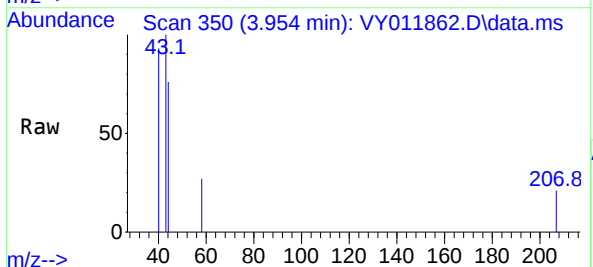
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

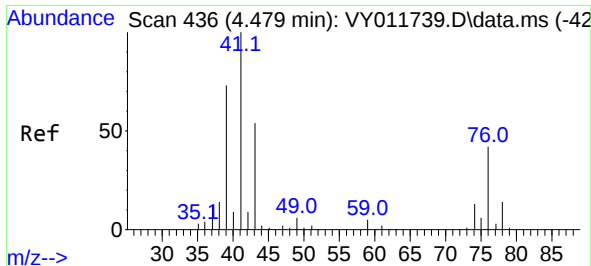
Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 128.1 77.4 116.2#



#16
Acetone
Concen: 1.223 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 27.2 27.9 41.9#

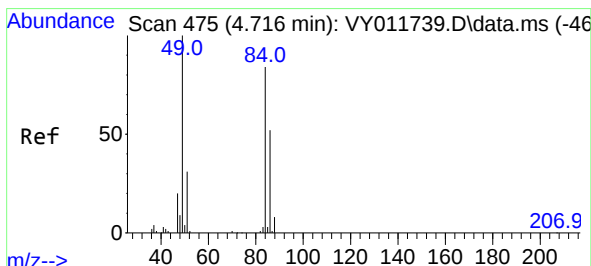
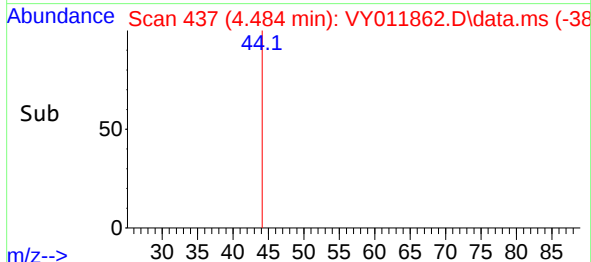
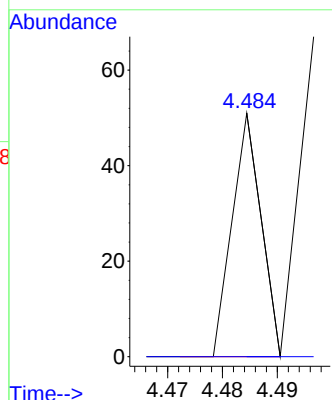
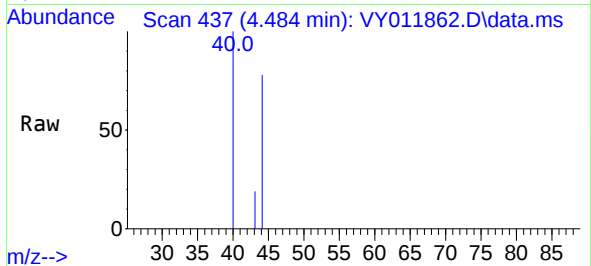




#18
Methyl Acetate
Concen: Below Cal
RT: 4.484 min Scan# 41
Delta R.T. 0.005 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

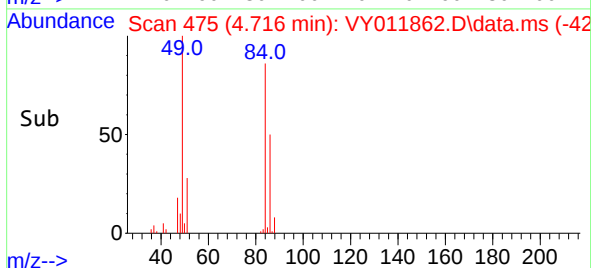
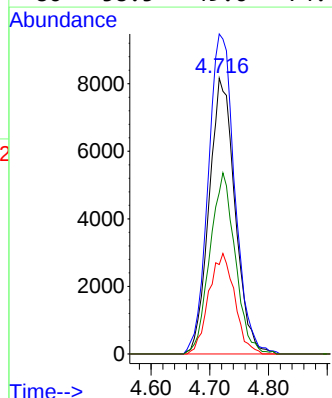
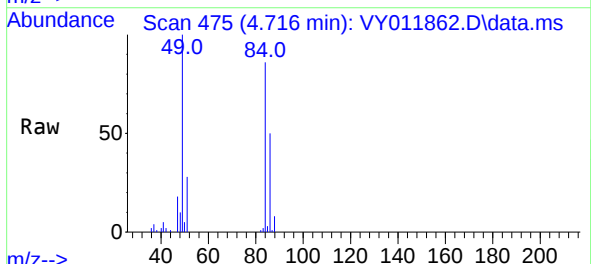
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

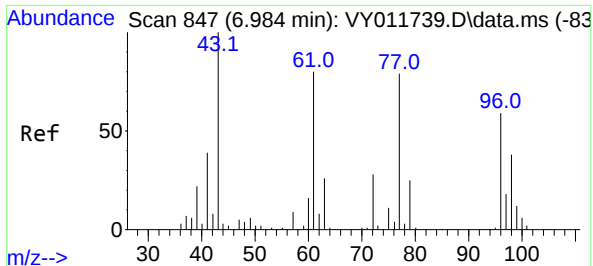
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#20
Methylene Chloride
Concen: 8.595 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

Tgt Ion: 84 Resp: 24990
Ion Ratio Lower Upper
84 100
49 116.0 95.4 143.2
51 32.4 29.9 44.9
86 58.5 49.6 74.4

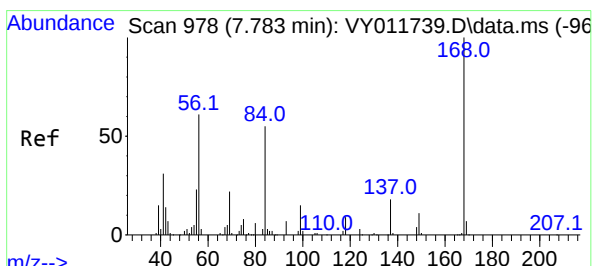
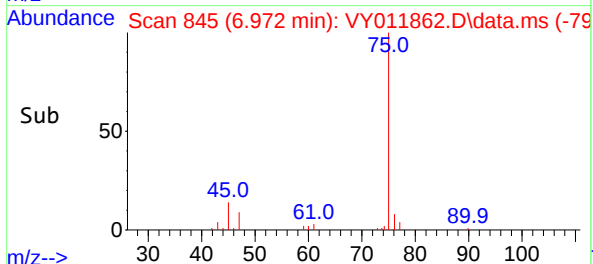
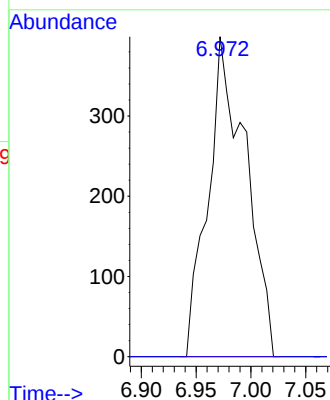
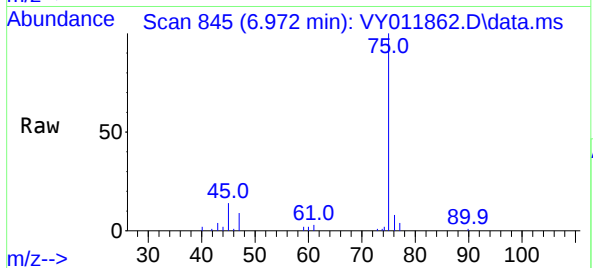




#25
2-Butanone
Concen: 1.421 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

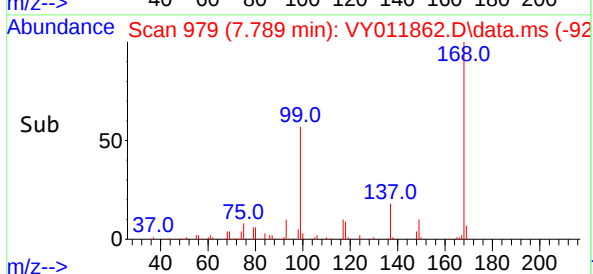
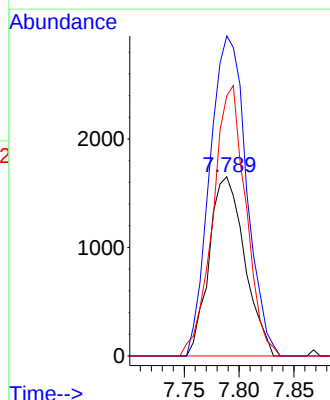
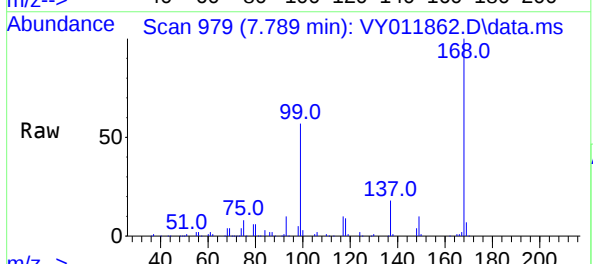
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

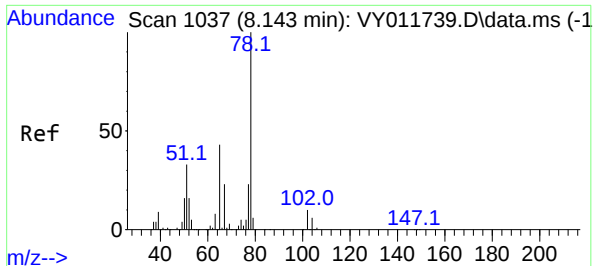
Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

Tgt Ion: 56 Resp: 3717
Ion Ratio Lower Upper
56 100
69 178.6 29.2 43.8#
84 145.2 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 51.553 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011862.D

Acq: 15 Dec 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

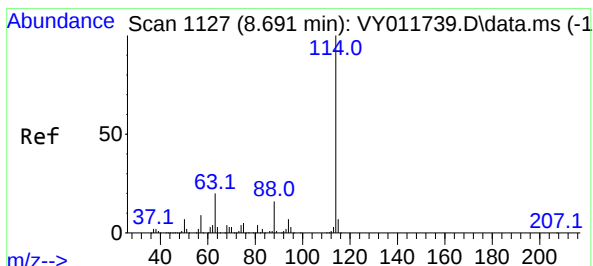
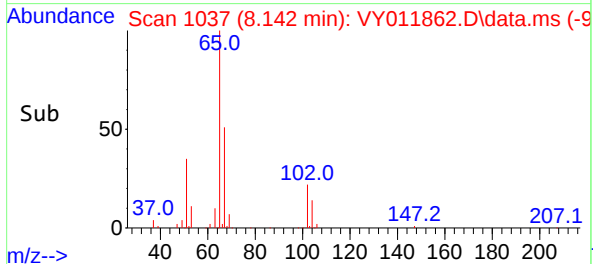
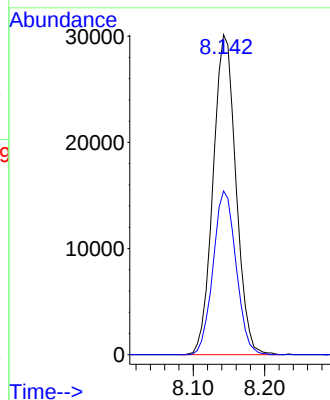
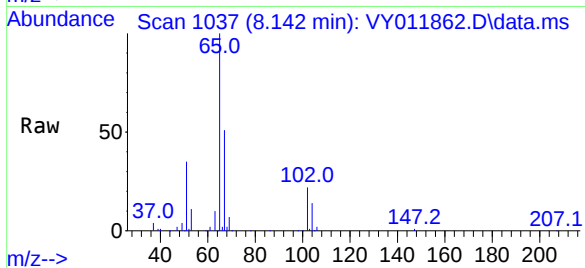
VY1215SBL01

Tgt Ion: 65 Resp: 66999

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011862.D

Acq: 15 Dec 2022 11:19

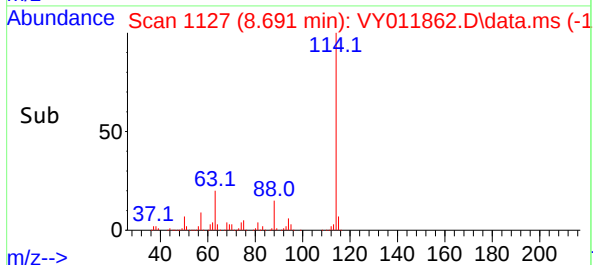
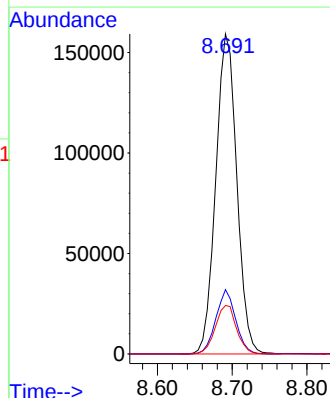
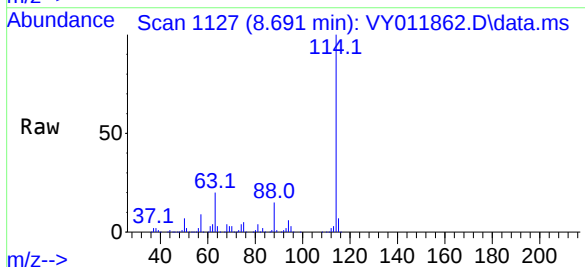
Tgt Ion: 114 Resp: 311426

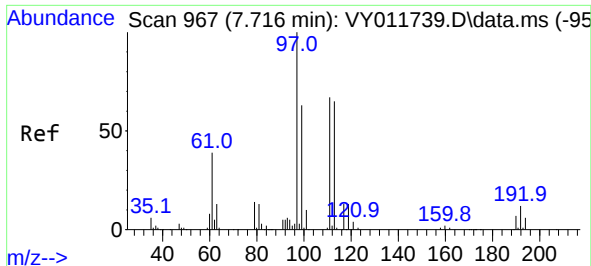
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.2 0.0 32.2

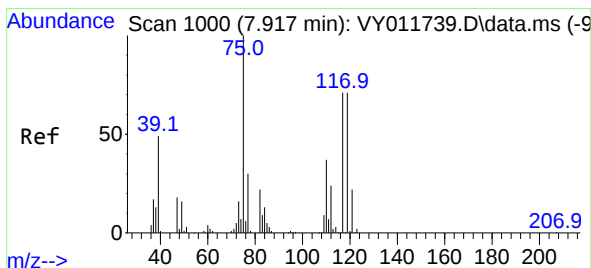
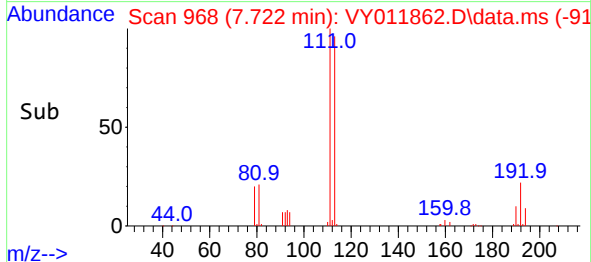
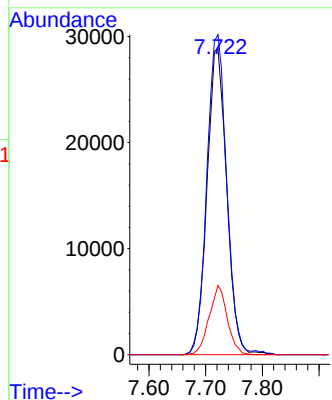
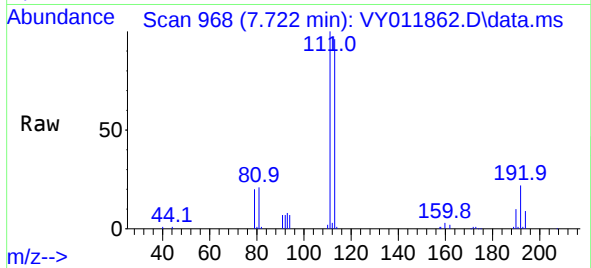




#35
Dibromofluoromethane
Concen: 50.483 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

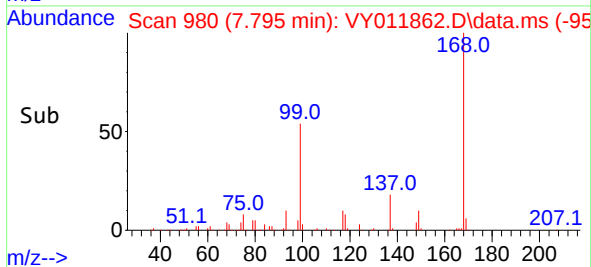
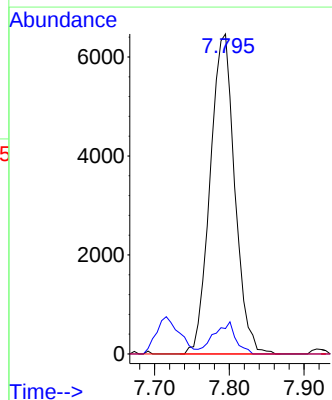
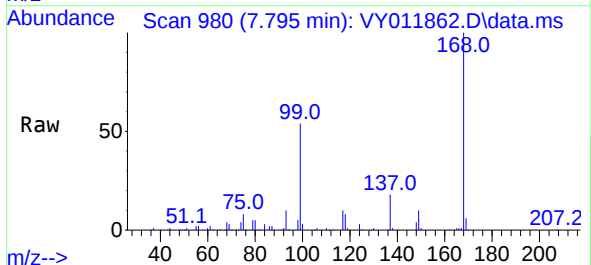
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

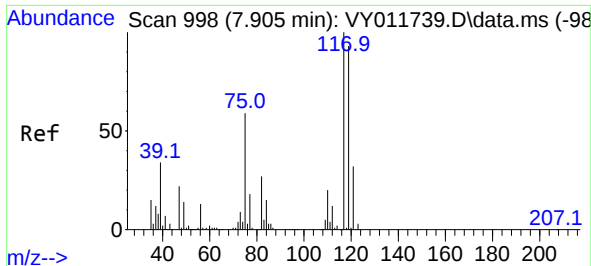
Tgt Ion:113 Resp: 69799
Ion Ratio Lower Upper
113 100
111 105.0 83.0 124.4
192 20.7 16.0 24.0



#36
1,1-Dichloropropene
Concen: 6.271 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

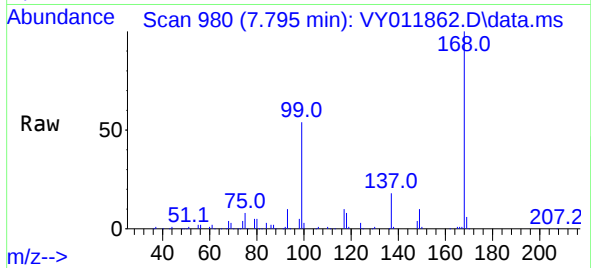
Tgt Ion: 75 Resp: 14821
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.1#
77 0.0 25.1 37.7#



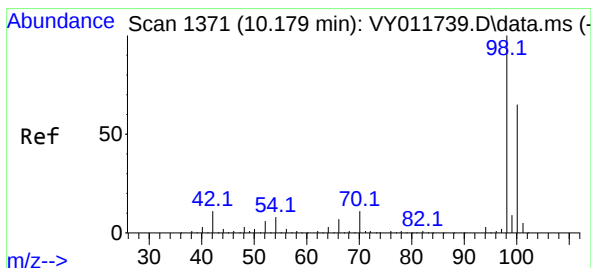
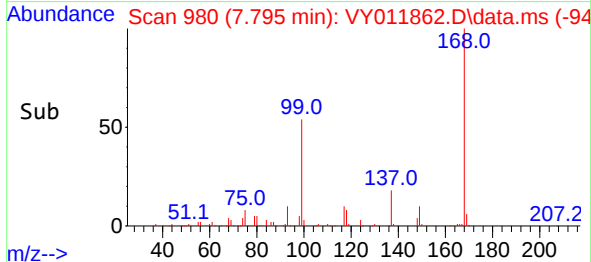
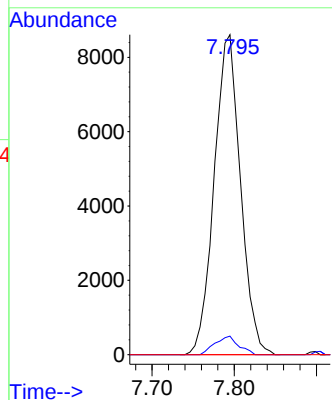


#38
Carbon Tetrachloride
Concen: 6.884 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

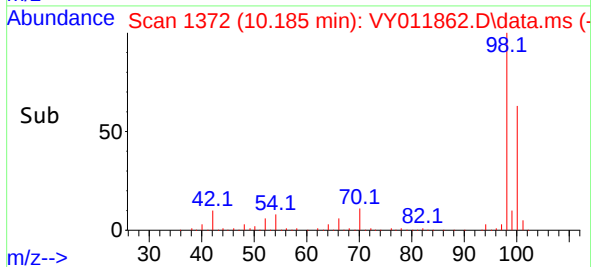
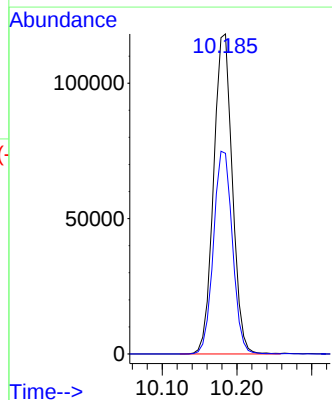
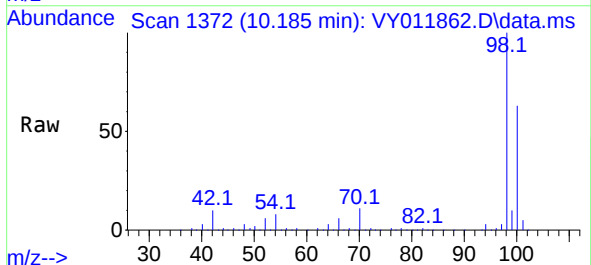


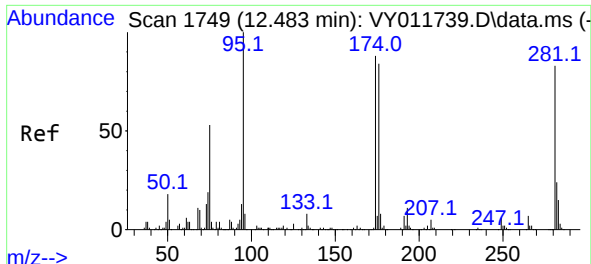
Tgt Ion:117 Resp: 19110
Ion Ratio Lower Upper
117 100
119 5.8 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 44.537 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

Tgt Ion: 98 Resp: 205329
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

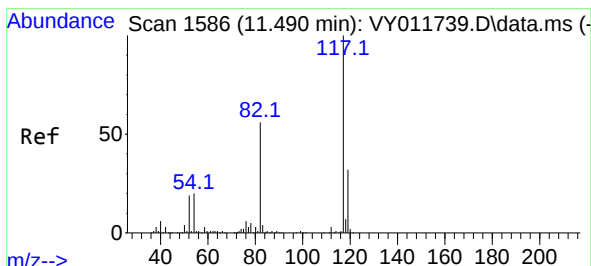
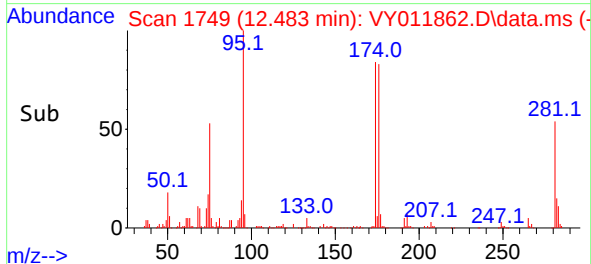
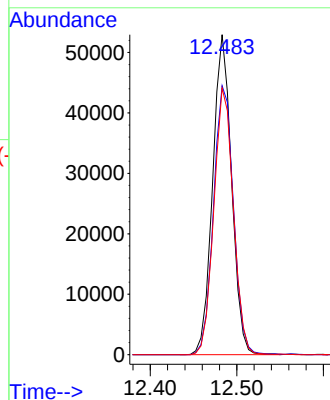
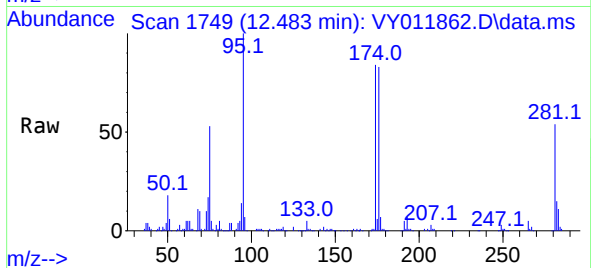




#62
4-Bromofluorobenzene
Concen: 43.779 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

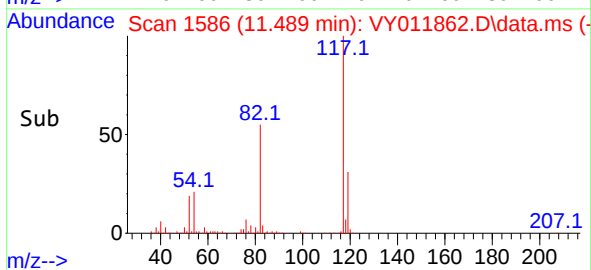
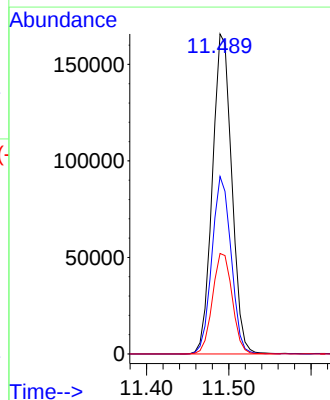
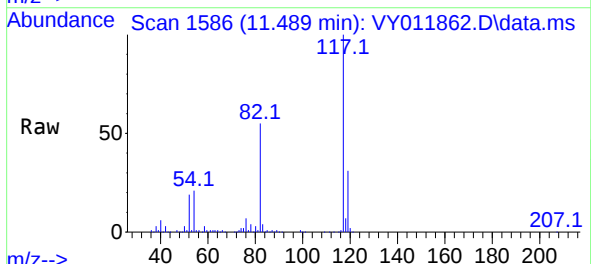
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

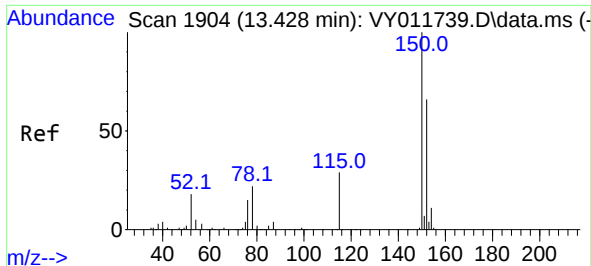
Tgt Ion: 95 Resp: 80073
Ion Ratio Lower Upper
95 100
174 88.8 0.0 172.0
176 86.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

Tgt Ion: 117 Resp: 271286
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 31.4 25.4 38.2

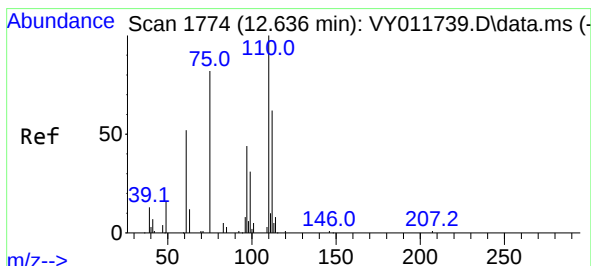
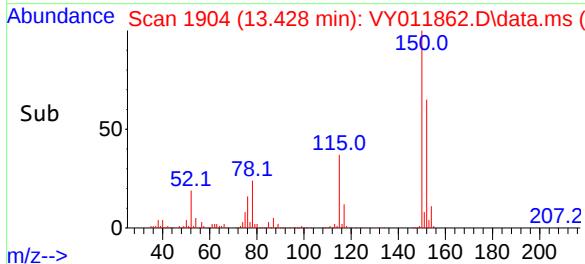
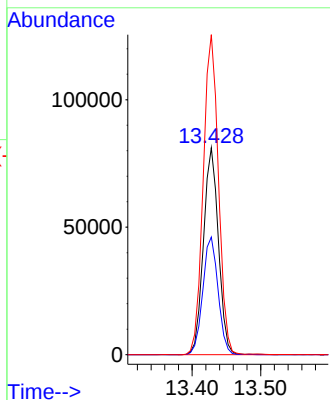
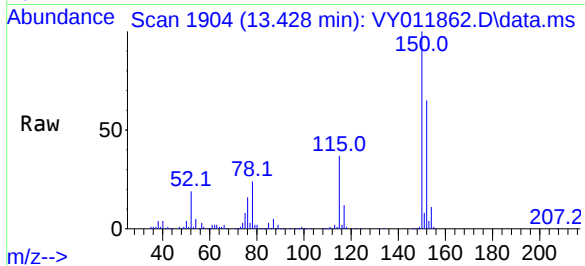




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

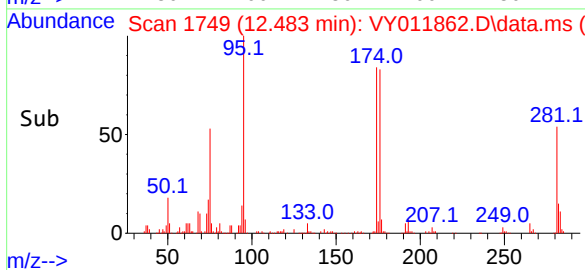
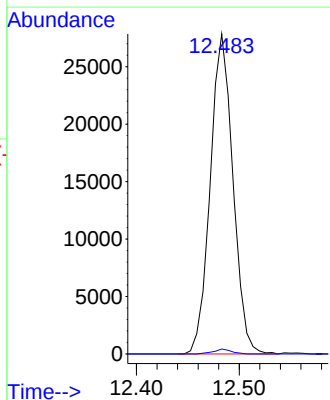
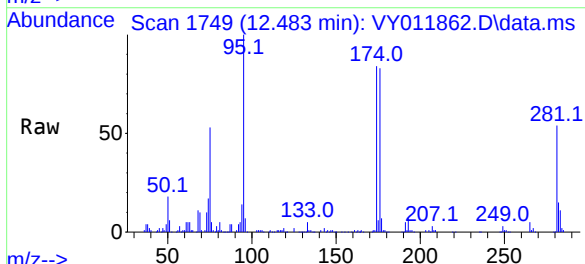
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

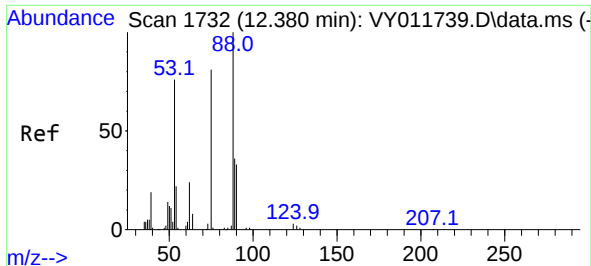
Tgt Ion:152 Resp: 123337
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.3
150 157.2 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 34.210 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

Tgt Ion: 75 Resp: 42689
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.630 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011862.D
 Acq: 15 Dec 2022 11:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBL01

Tgt Ion: 75 Resp: 42689
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.6 37.0 55.4#

