

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011964.D
 Acq On : 22 Dec 2022 11:08
 Operator : KP/MD
 Sample : VY1222SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1222SBL01

Quant Time: Dec 23 04:30:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

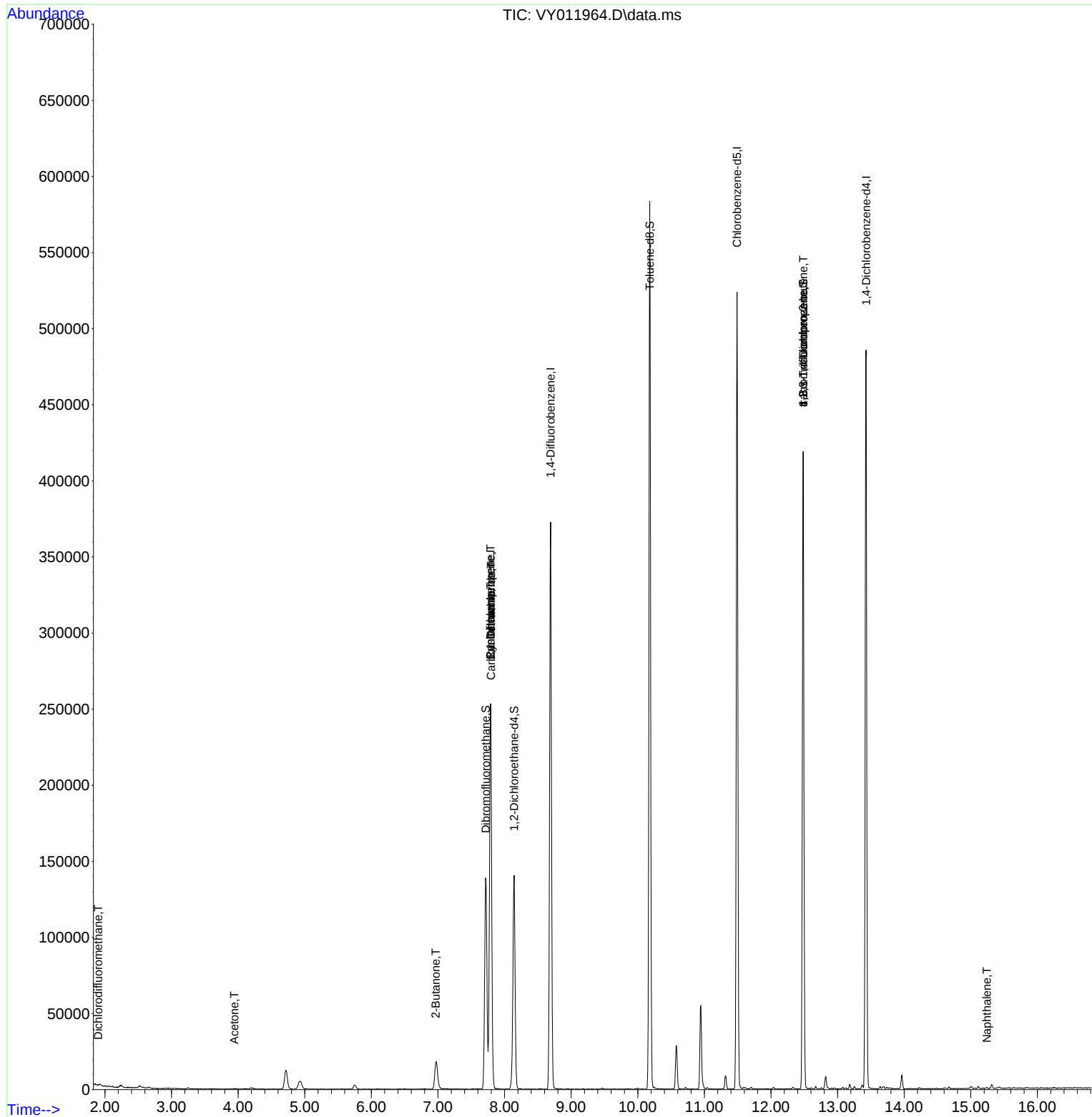
Internal Standards						
1) Pentafluorobenzene	7.789	168	197073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	319033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	286288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109533	55.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.340%	
35) Dibromofluoromethane	7.716	113	97937	50.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.980%	
50) Toluene-d8	10.179	98	383976	49.274	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.540%	
62) 4-Bromofluorobenzene	12.483	95	119984	45.781	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	115	2.537	ug/l #	41
11) Tert butyl alcohol	4.930	59	5454	Below Cal	#	74
16) Acetone	3.942	43	280	5.338	ug/l	94
20) Methylene Chloride	4.716	84	9968	Below Cal		92
25) 2-Butanone	6.966	43	1185	1.792	ug/l #	46
31) Cyclohexane	7.789	56	3820	1.143	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	14524	4.714	ug/l #	49
38) Carbon Tetrachloride	7.795	117	19780	5.559	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	62075	37.924	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62075	103.855	ug/l #	13
95) Naphthalene	15.239	128	752	2.925	ug/l #	86

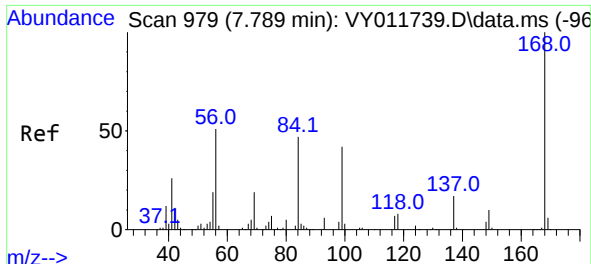
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
Data File : VY011964.D
Acq On : 22 Dec 2022 11:08
Operator : KP/MD
Sample : VY1222SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

Quant Time: Dec 23 04:30:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

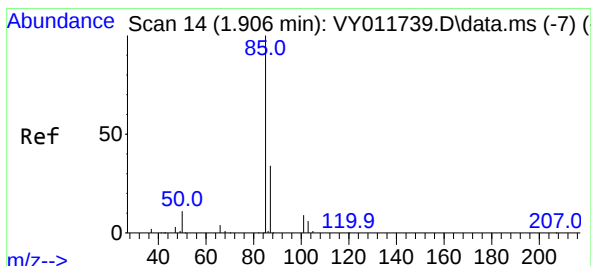
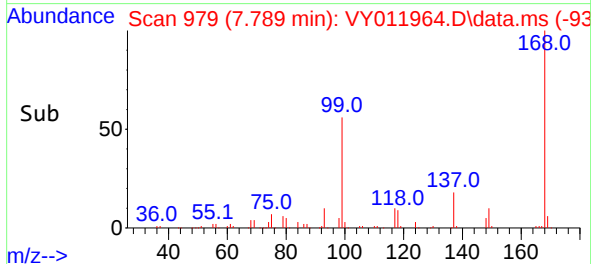
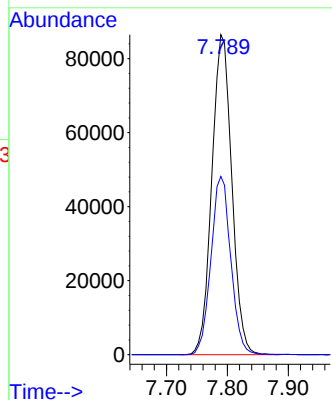
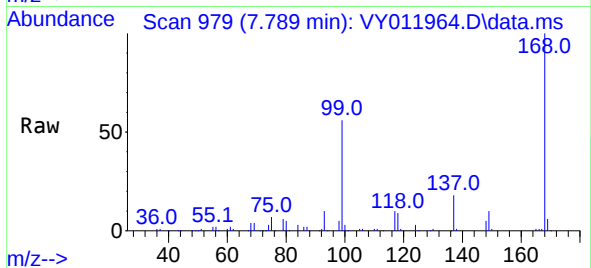




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

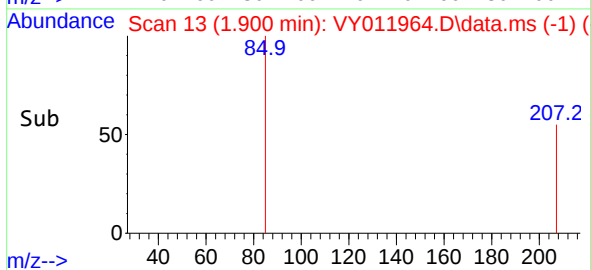
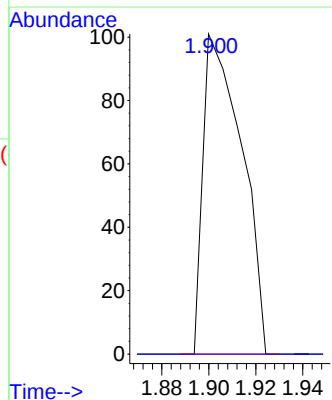
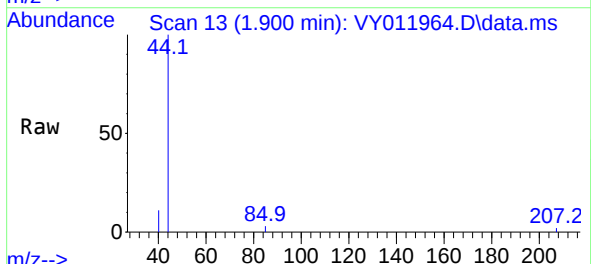
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

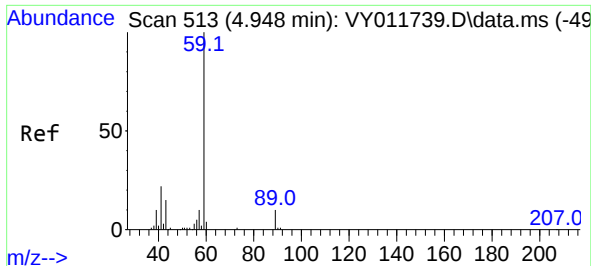
Tgt Ion:168 Resp: 197073
Ion Ratio Lower Upper
168 100
99 55.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.537 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

Tgt Ion: 85 Resp: 115
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

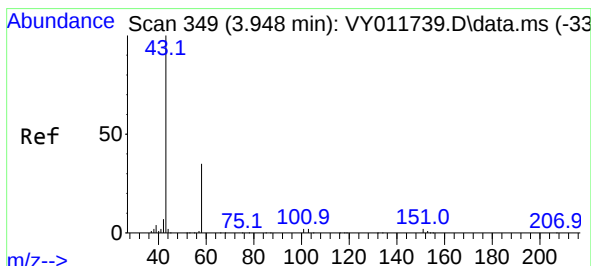
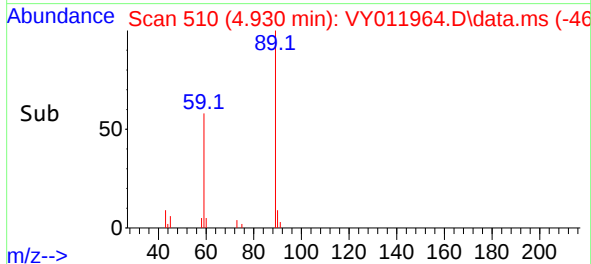
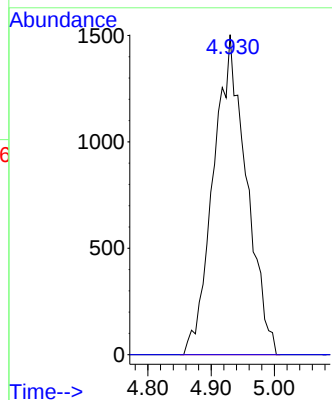
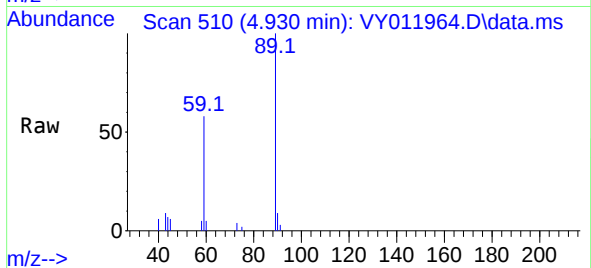




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

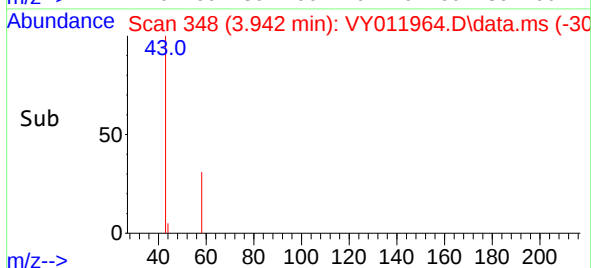
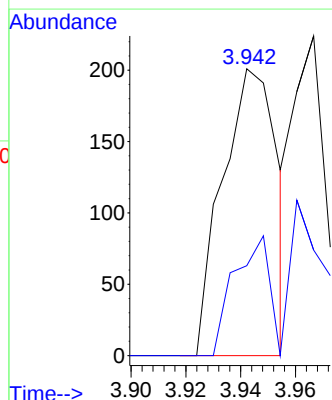
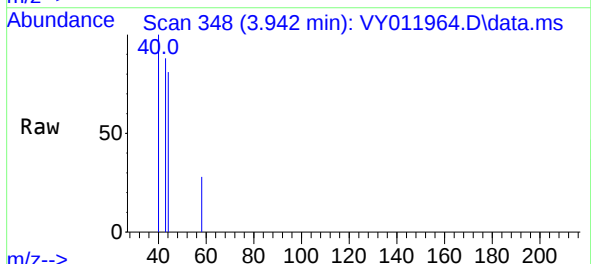
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

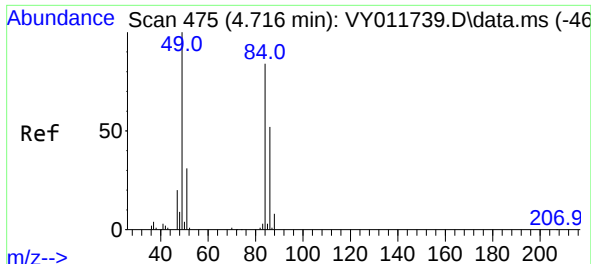
Tgt Ion: 59 Resp: 5454
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 5.338 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

Tgt Ion: 43 Resp: 280
Ion Ratio Lower Upper
43 100
58 31.3 27.9 41.9



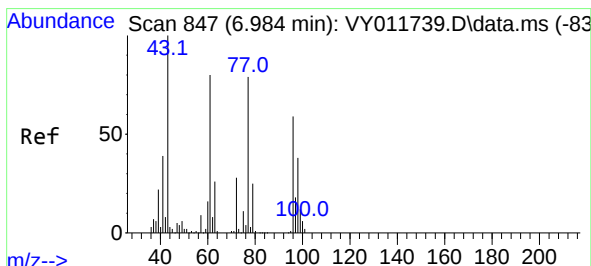
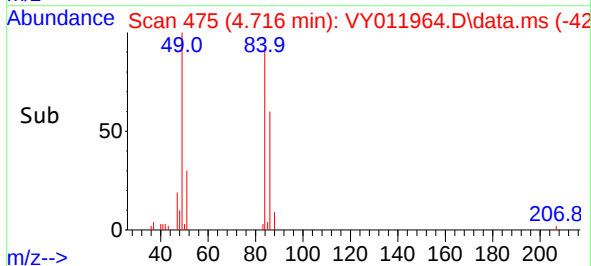
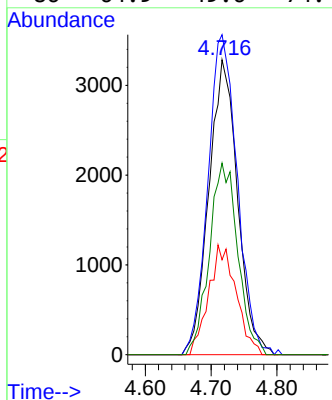
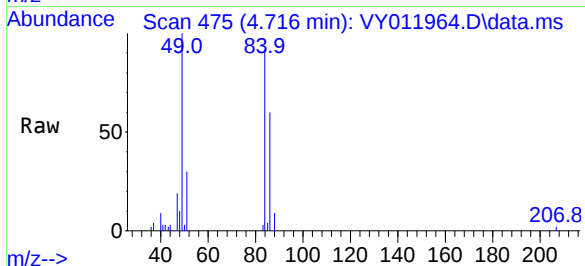


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

Tgt Ion: 84 Resp: 9968

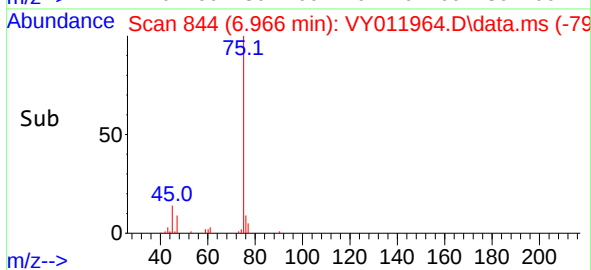
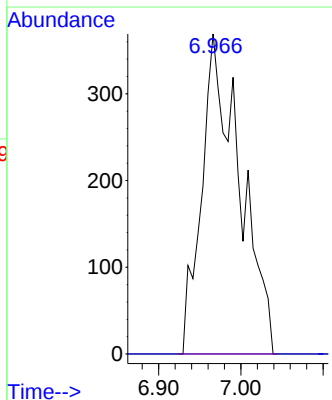
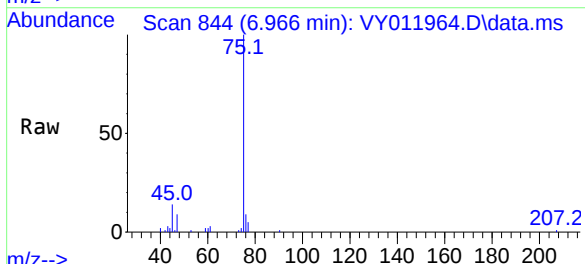
Ion	Ratio	Lower	Upper
84	100		
49	108.5	95.4	143.2
51	32.2	29.9	44.9
86	64.9	49.6	74.4

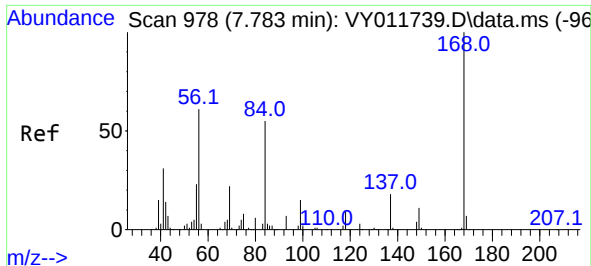


#25
2-Butanone
Concen: 1.792 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

Tgt Ion: 43 Resp: 1185

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	34.0#

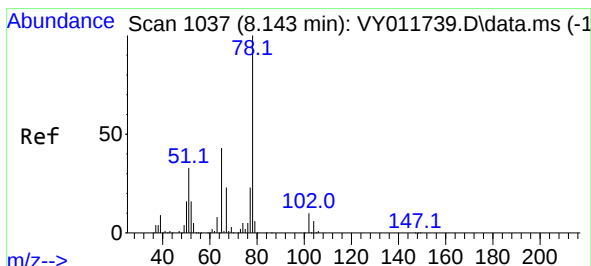
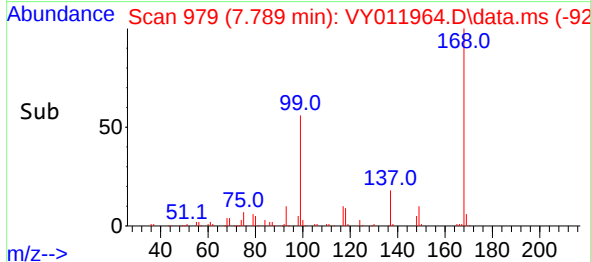
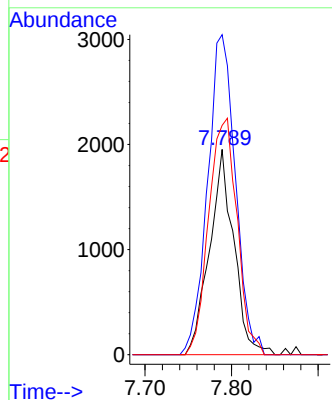
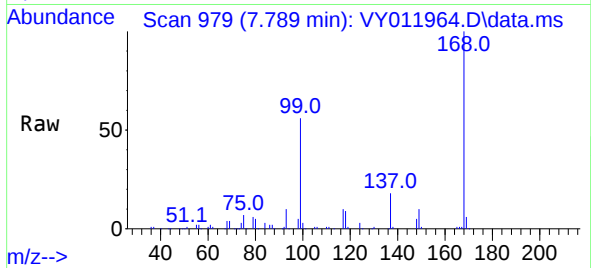




#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

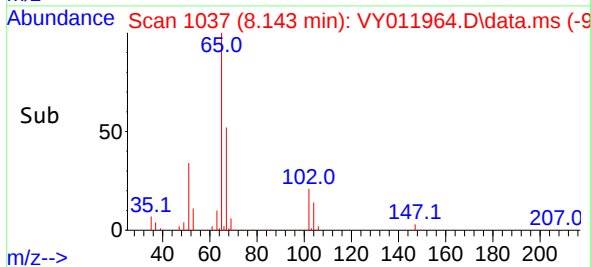
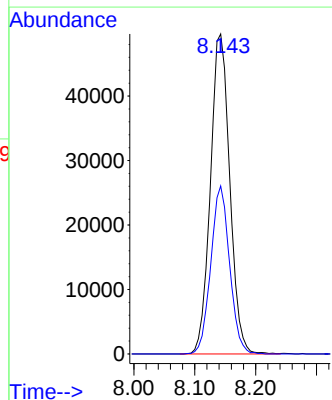
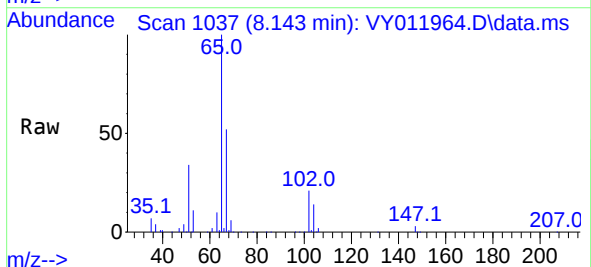
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

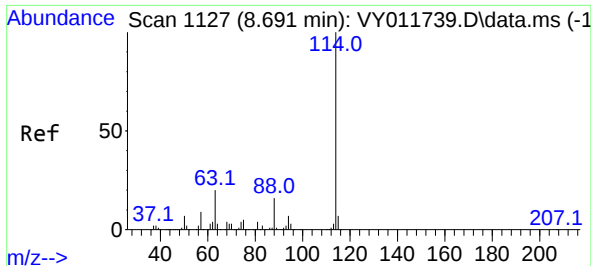
Tgt Ion: 56 Resp: 3820
Ion Ratio Lower Upper
56 100
69 155.9 29.2 43.8#
84 111.7 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 55.167 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

Tgt Ion: 65 Resp: 109533
Ion Ratio Lower Upper
65 100
67 50.9 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: VY011964.D

Acq: 22 Dec 2022 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1222SBL01

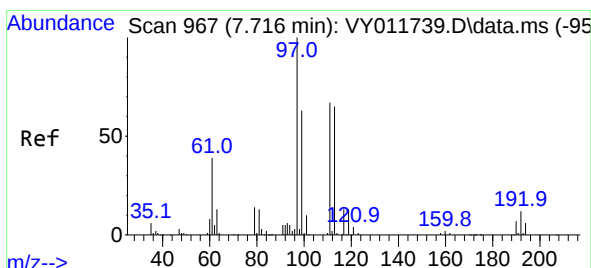
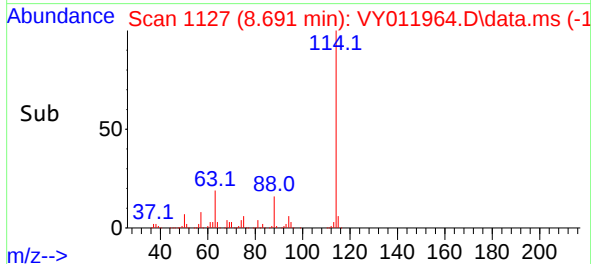
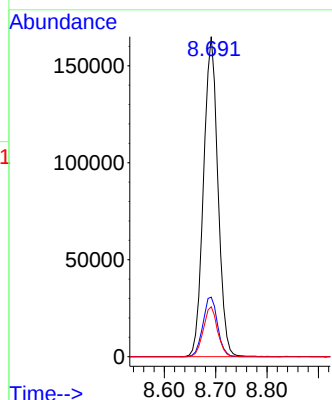
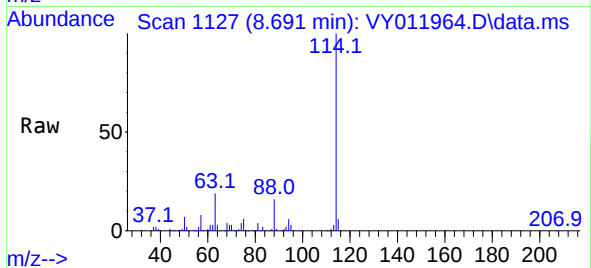
Tgt Ion:114 Resp: 319033

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 15.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.991 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011964.D

Acq: 22 Dec 2022 11:08

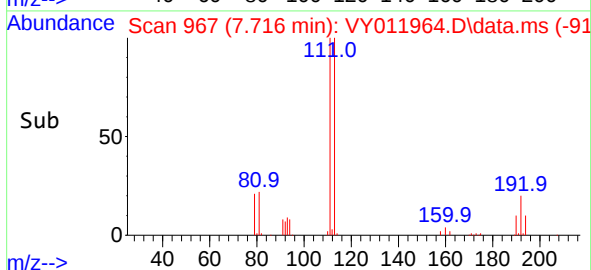
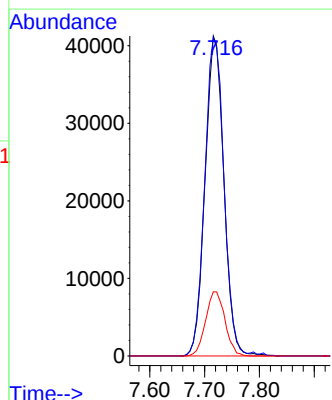
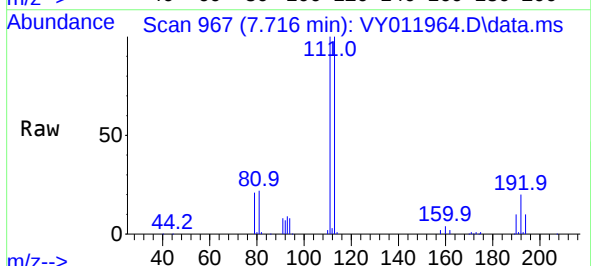
Tgt Ion:113 Resp: 97937

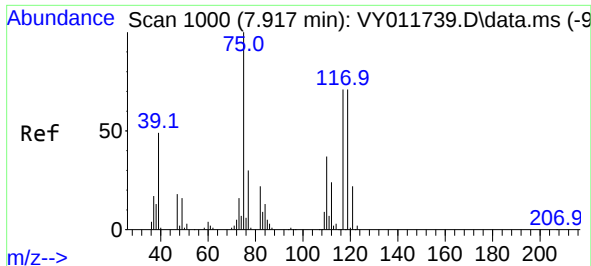
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 20.6 16.0 24.0

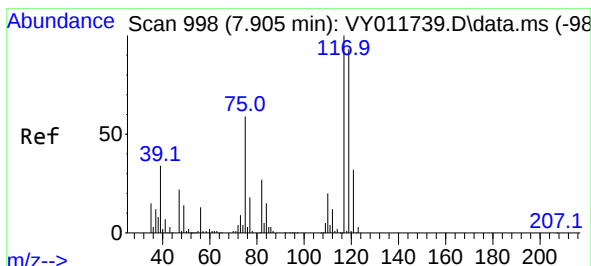
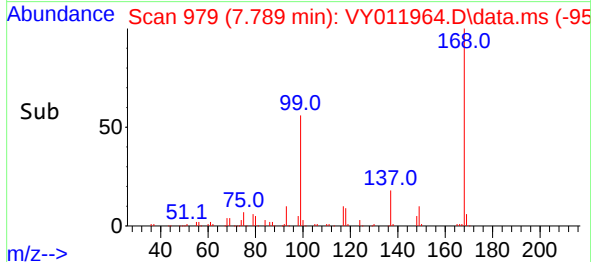
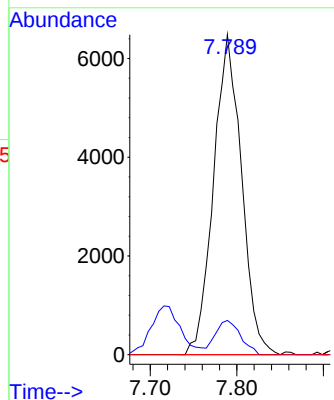
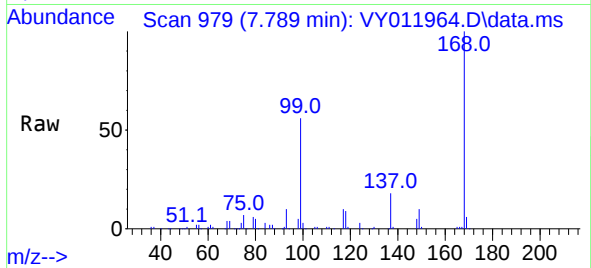




#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

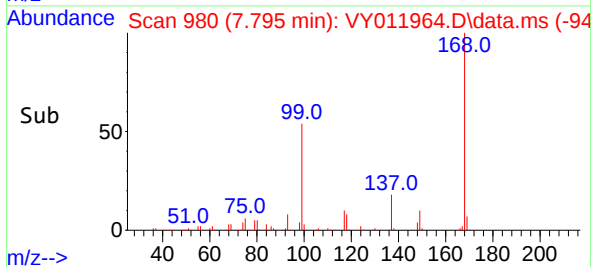
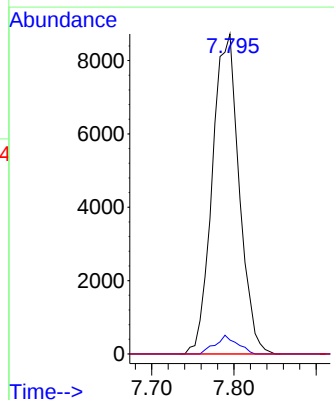
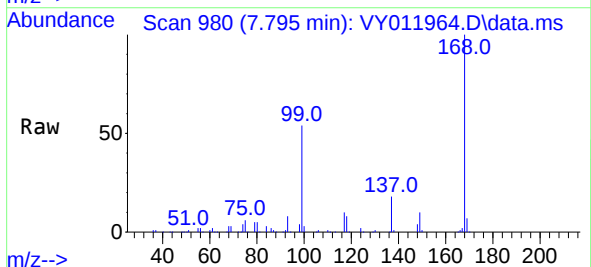
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

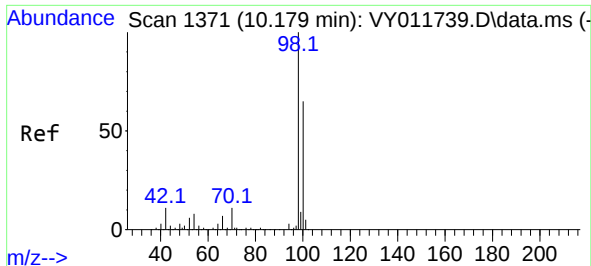
Tgt Ion: 75 Resp: 14524
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.559 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

Tgt Ion: 117 Resp: 19780
Ion Ratio Lower Upper
117 100
119 4.4 73.8 110.8#
121 0.0 25.2 37.8#

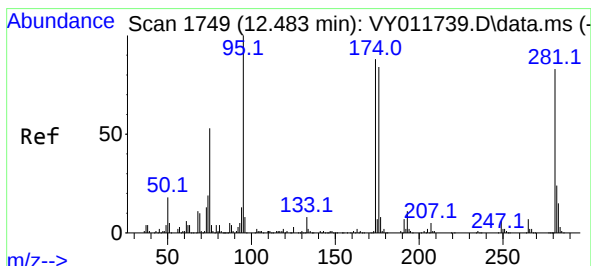
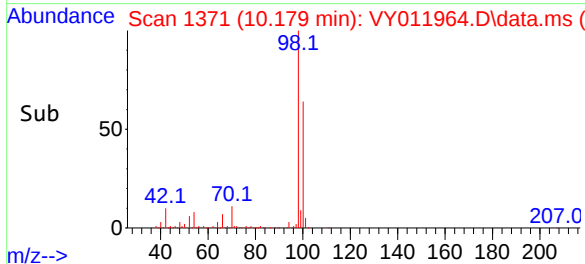
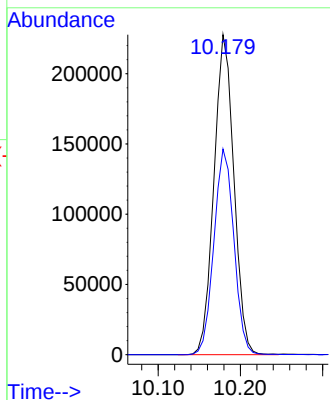
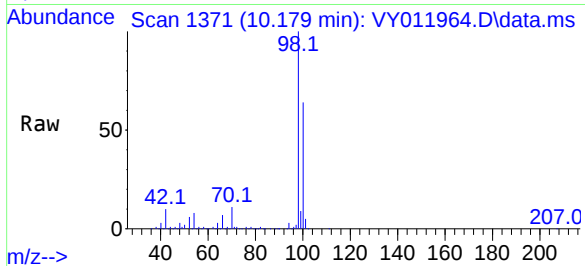




#50
Toluene-d8
Concen: 49.274 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

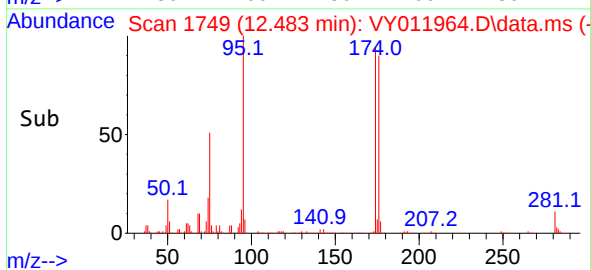
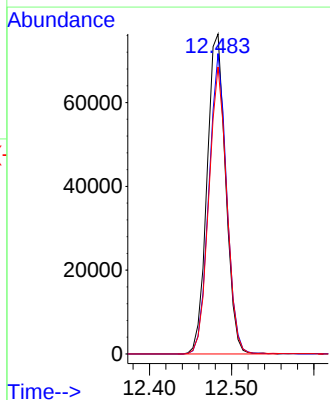
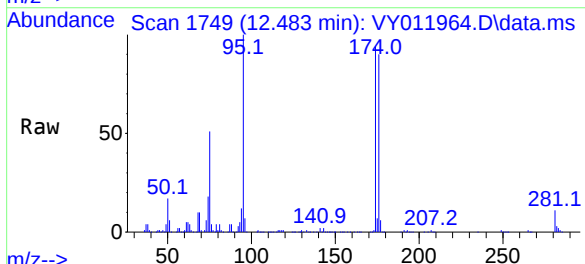
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

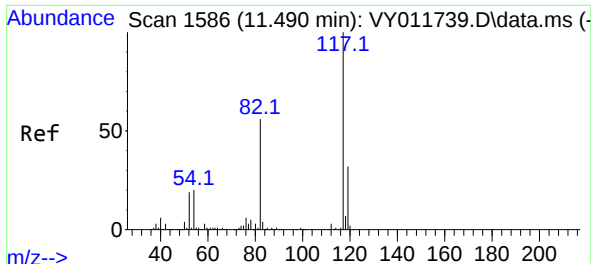
Tgt Ion: 98 Resp: 383976
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.781 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

Tgt Ion: 95 Resp: 119984
Ion Ratio Lower Upper
95 100
174 89.9 0.0 172.0
176 86.4 0.0 167.6

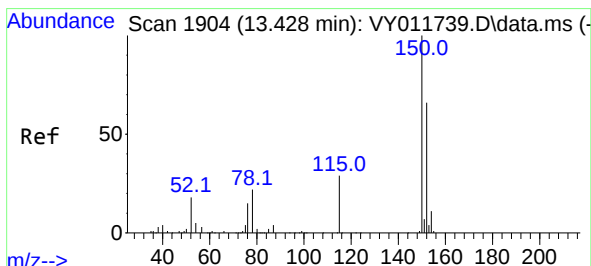
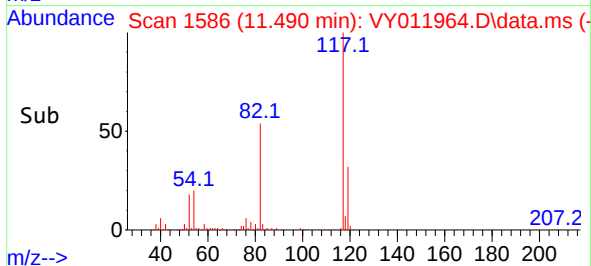
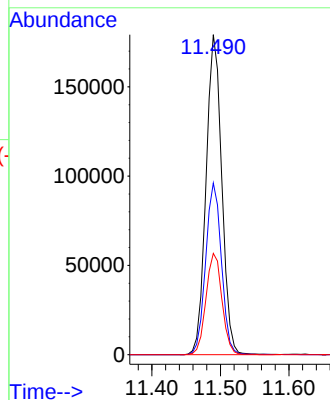
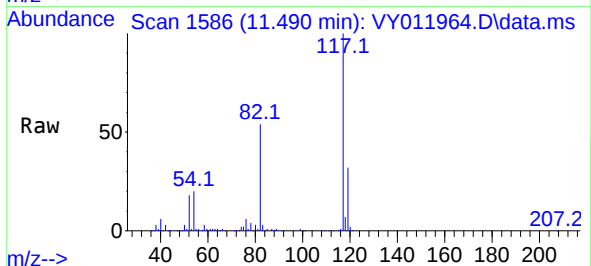




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

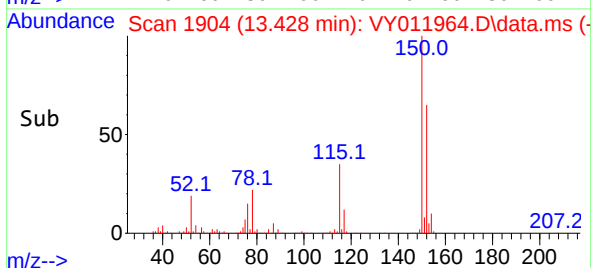
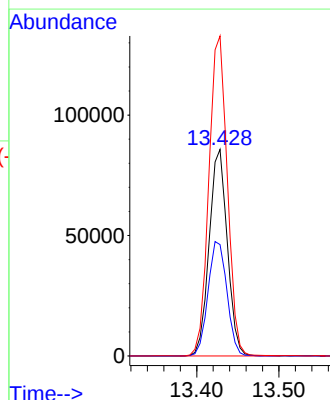
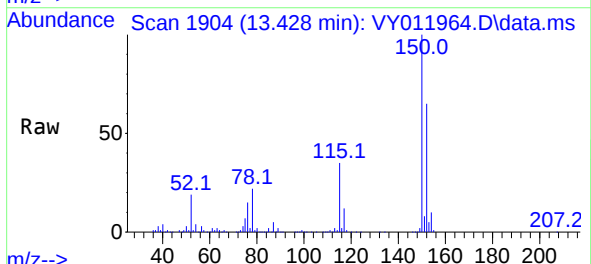
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

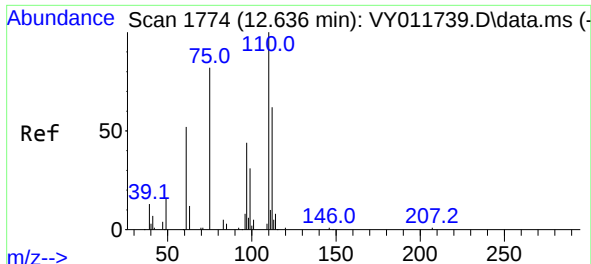
Tgt Ion:117 Resp: 286288
Ion Ratio Lower Upper
117 100
82 53.6 44.8 67.2
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

Tgt Ion:152 Resp: 131542
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.3
150 157.5 0.0 342.6

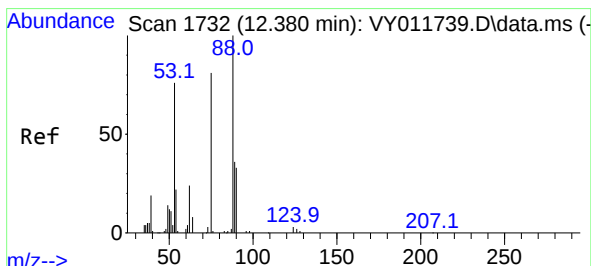
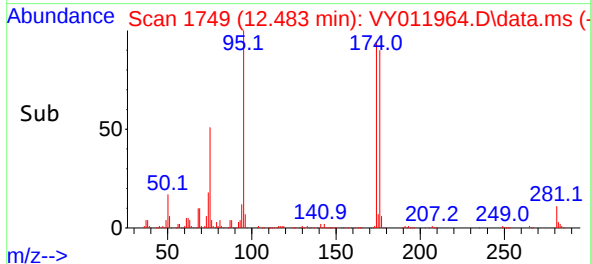
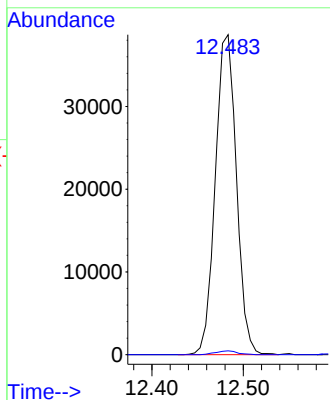
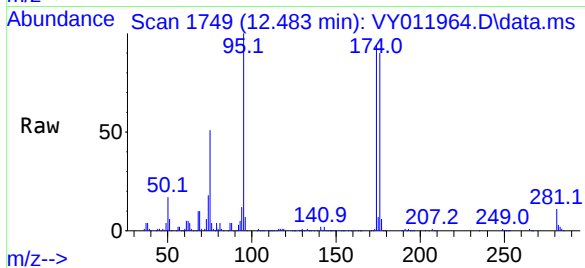




#76
1,2,3-Trichloropropane
Concen: 37.924 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

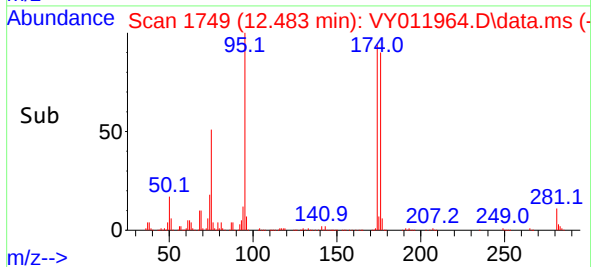
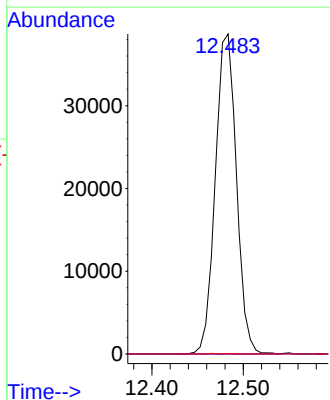
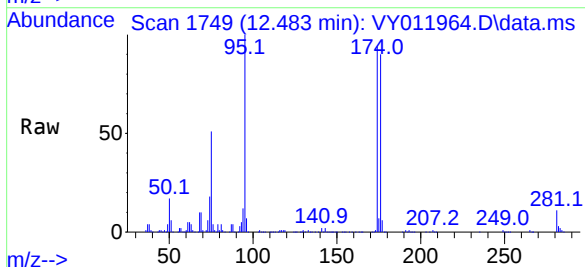
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

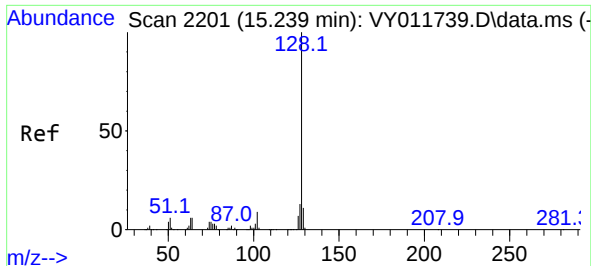
Tgt Ion: 75 Resp: 62075
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.855 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011964.D
Acq: 22 Dec 2022 11:08

Tgt Ion: 75 Resp: 62075
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 2.925 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011964.D

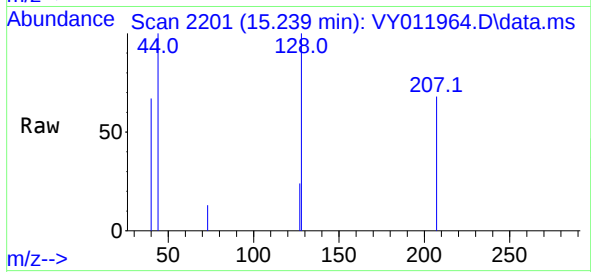
Acq: 22 Dec 2022 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1222SBL01



Tgt Ion:128 Resp: 752

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 0.0 8.8 13.2#

