

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011277.D
 Acq On : 03 Nov 2022 10:09
 Operator : KP/MD
 Sample : VY1103SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBL01

Quant Time: Nov 03 14:29:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

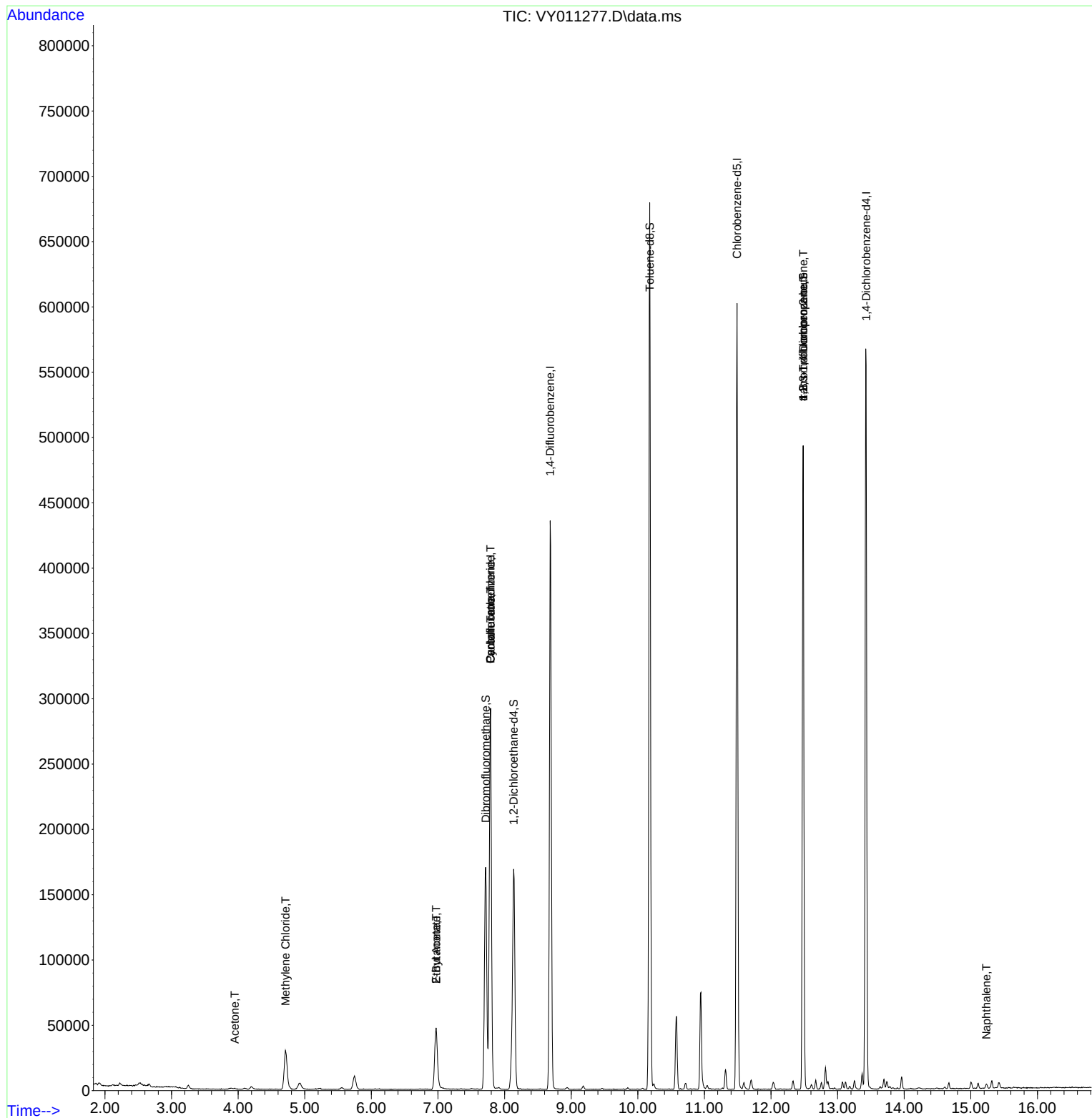
Internal Standards						
1) Pentafluorobenzene	7.789	168	229674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	341112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120833	49.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.380%
35) Dibromofluoromethane	7.716	113	124341	50.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.480%
50) Toluene-d8	10.179	98	453677	47.687	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.483	95	152195	46.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	940	Below Cal		95
11) Tert butyl alcohol	4.924	59	5196	Below Cal	#	77
16) Acetone	3.948	43	1133	1.528	ug/l #	78
20) Methylene Chloride	4.710	84	23442	3.004	ug/l	84
25) 2-Butanone	6.972	43	3203	3.070	ug/l #	90
31) Cyclohexane	7.789	56	4874	1.071	ug/l #	6
37) Ethyl Acetate	6.972	43	3203	1.485	ug/l #	1
38) Carbon Tetrachloride	7.789	117	22036	5.308	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	74771	39.146	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74771	83.778	ug/l #	7
95) Naphthalene	15.233	128	3346	4.410	ug/l	99

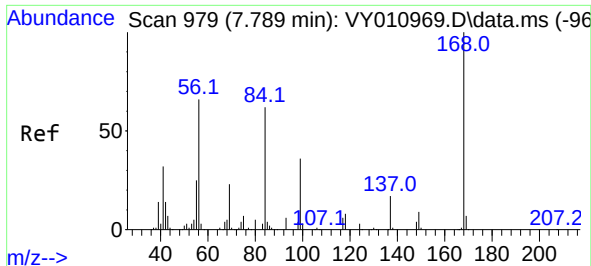
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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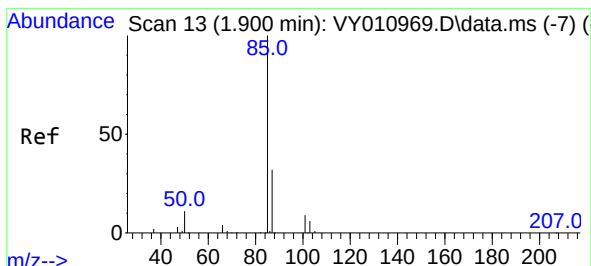
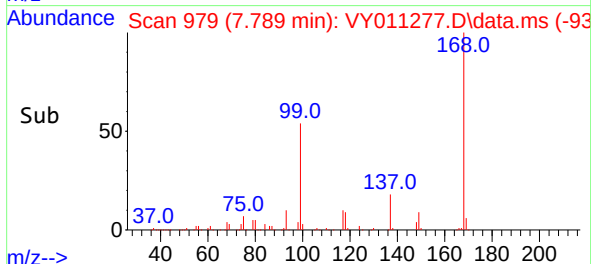
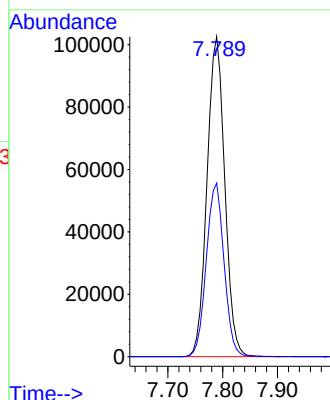
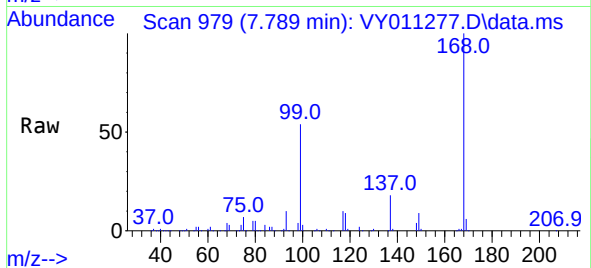




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011277.D
Acq: 03 Nov 2022 10:09

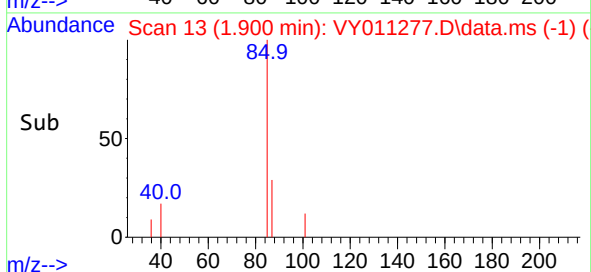
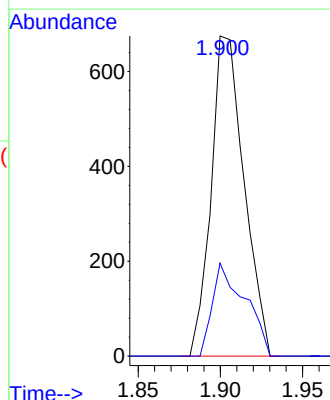
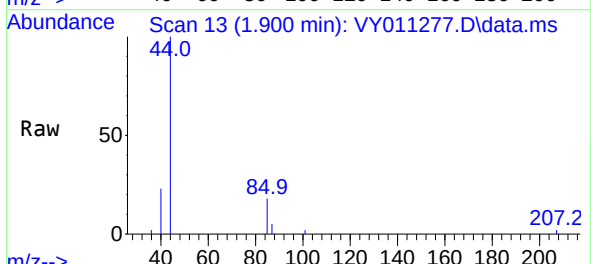
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBL01

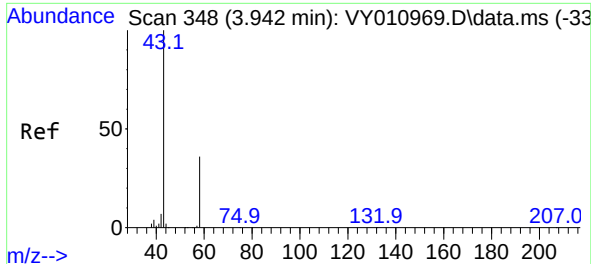
Tgt Ion:168 Resp: 229674
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011277.D
Acq: 03 Nov 2022 10:09

Tgt Ion: 85 Resp: 940
Ion Ratio Lower Upper
85 100
87 29.0 16.1 48.2





#16

Acetone

Concen: 1.528 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY011277.D

Acq: 03 Nov 2022 10:09

Instrument :

MSVOA_Y

ClientSampleId :

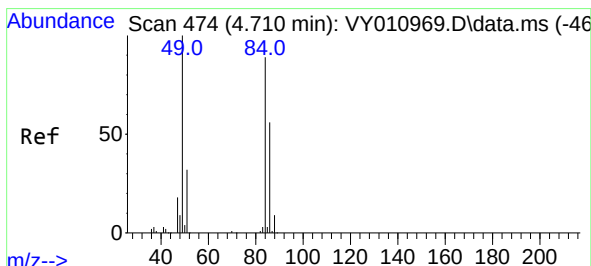
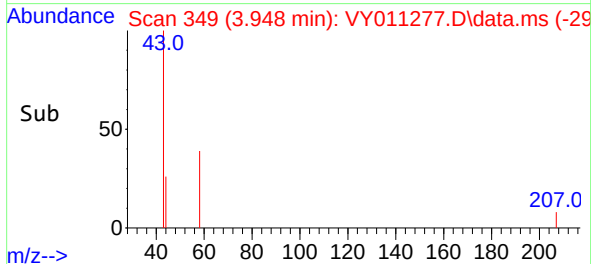
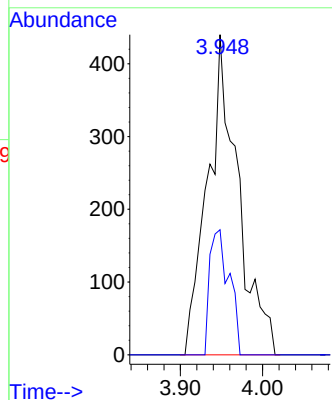
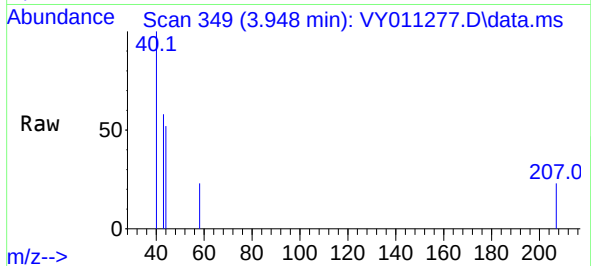
VY1103SBL01

Tgt Ion: 43 Resp: 1133

Ion Ratio Lower Upper

43 100

58 39.1 22.0 33.0#



#20

Methylene Chloride

Concen: 3.004 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011277.D

Acq: 03 Nov 2022 10:09

Tgt Ion: 84 Resp: 23442

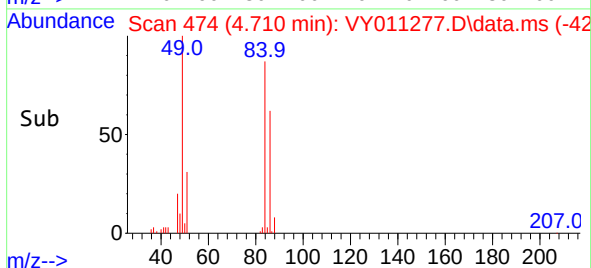
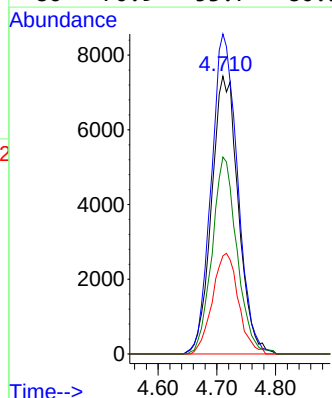
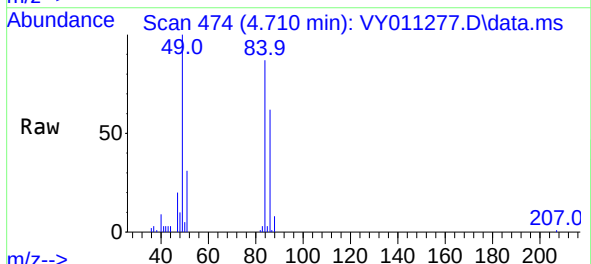
Ion Ratio Lower Upper

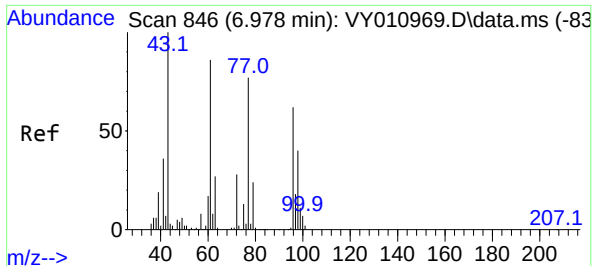
84 100

49 115.2 114.4 171.6

51 35.3 35.3 52.9

86 70.9 53.7 80.5

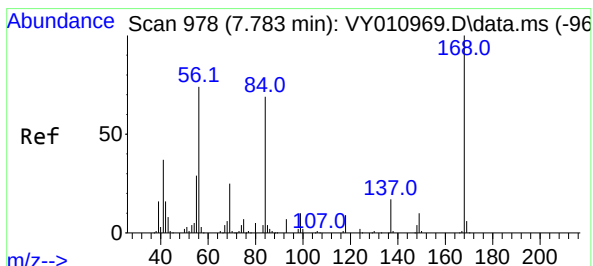
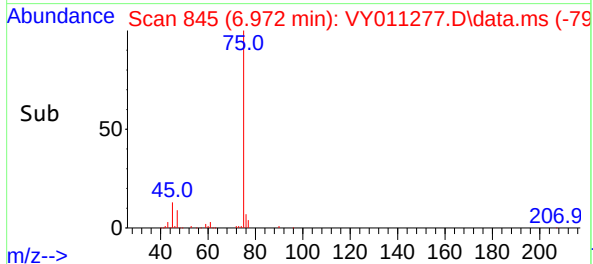
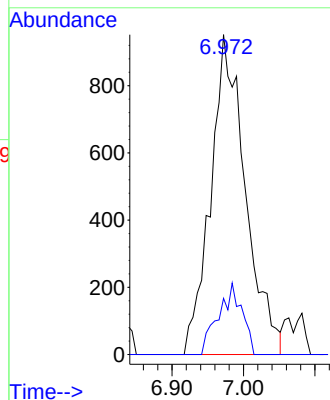
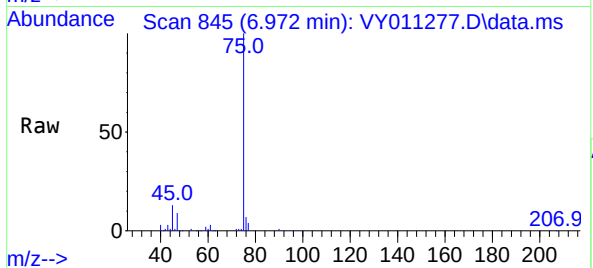




#25
2-Butanone
Concen: 3.070 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011277.D
Acq: 03 Nov 2022 10:09

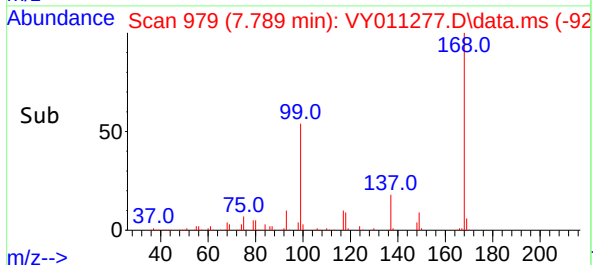
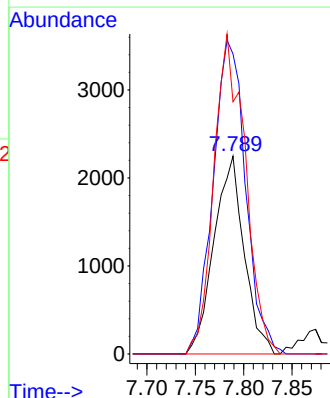
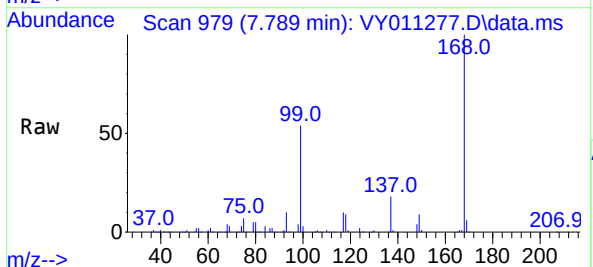
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBL01

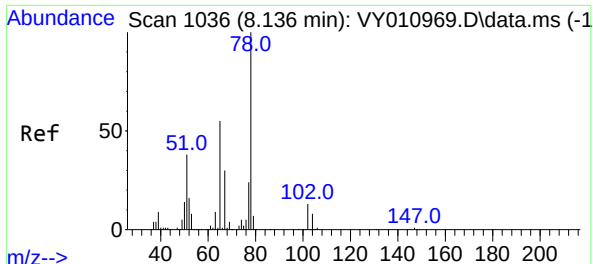
Tgt Ion: 43 Resp: 3203
Ion Ratio Lower Upper
43 100
72 17.5 17.7 26.5#



#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011277.D
Acq: 03 Nov 2022 10:09

Tgt Ion: 56 Resp: 4874
Ion Ratio Lower Upper
56 100
69 151.7 26.7 40.1#
84 127.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 49.192 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011277.D

Acq: 03 Nov 2022 10:09

Instrument :

MSVOA_Y

ClientSampleId :

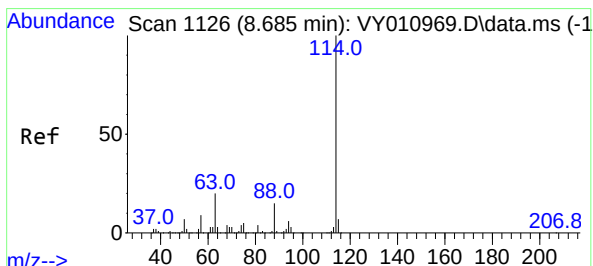
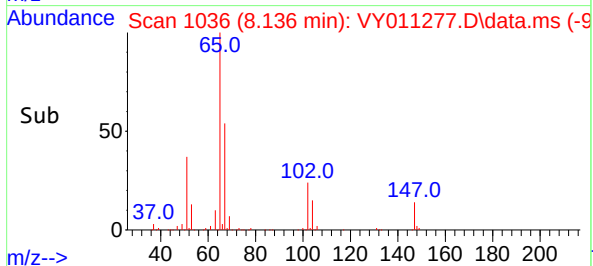
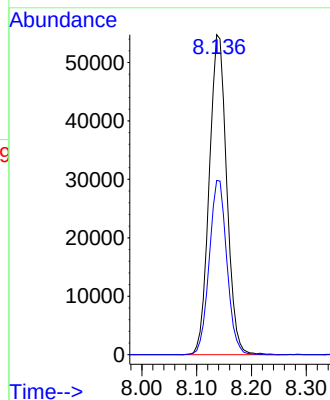
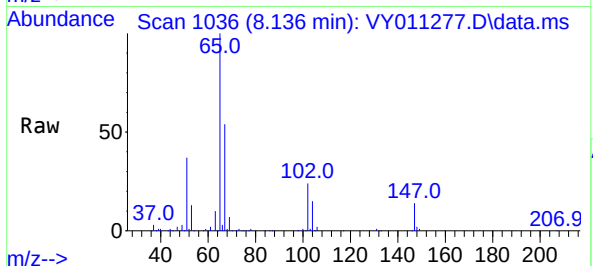
VY1103SBL01

Tgt Ion: 65 Resp: 120833

Ion Ratio Lower Upper

65 100

67 54.9 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: VY011277.D

Acq: 03 Nov 2022 10:09

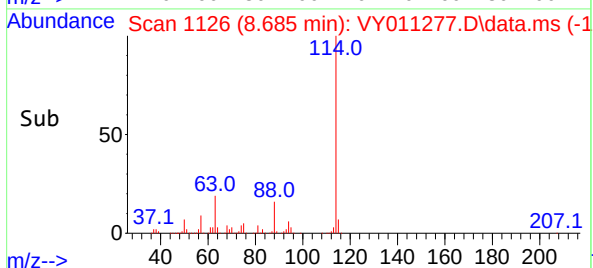
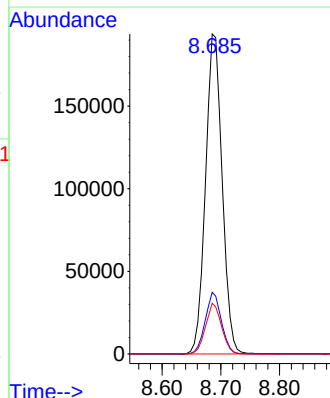
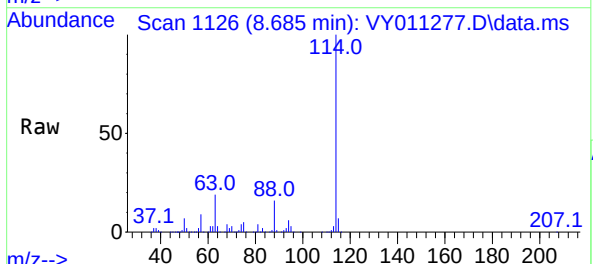
Tgt Ion: 114 Resp: 381378

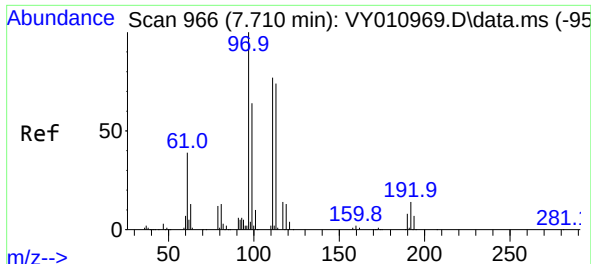
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.744 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY011277.D

Acq: 03 Nov 2022 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBL01

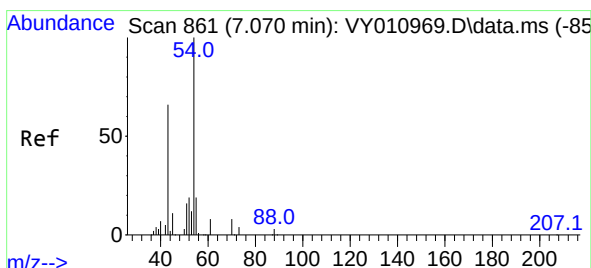
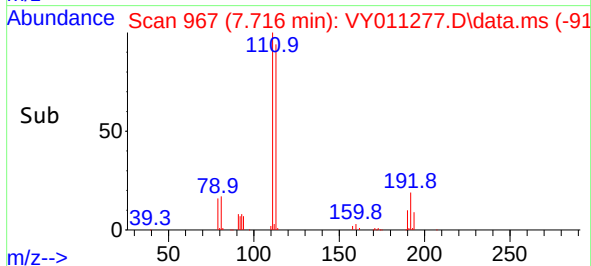
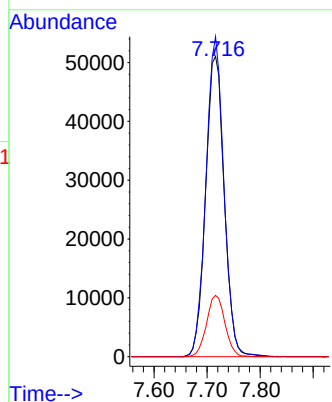
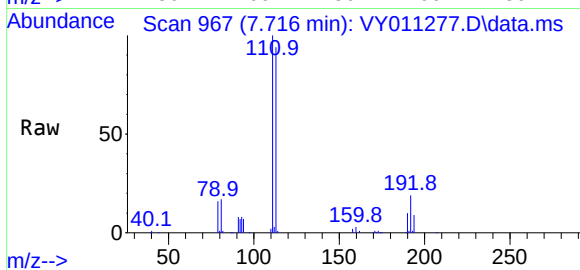
Tgt Ion:113 Resp: 124341

Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 20.2 17.6 26.4



#37

Ethyl Acetate

Concen: 1.485 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.098 min

Lab File: VY011277.D

Acq: 03 Nov 2022 10:09

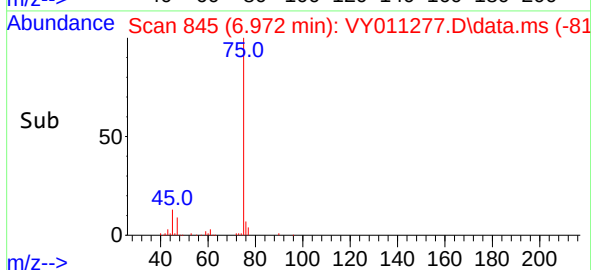
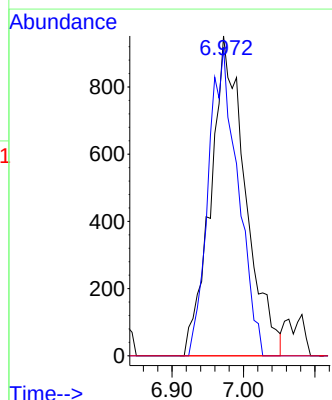
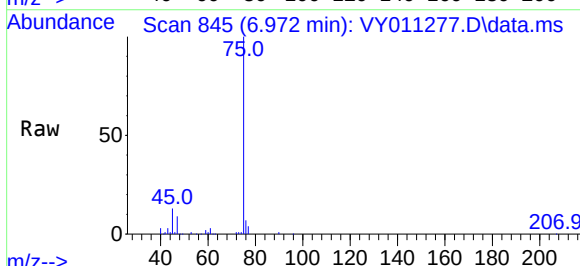
Tgt Ion: 43 Resp: 3203

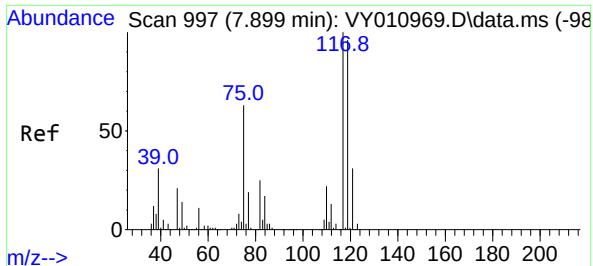
Ion Ratio Lower Upper

43 100

61 81.7 9.7 14.5#

70 0.0 7.1 10.7#

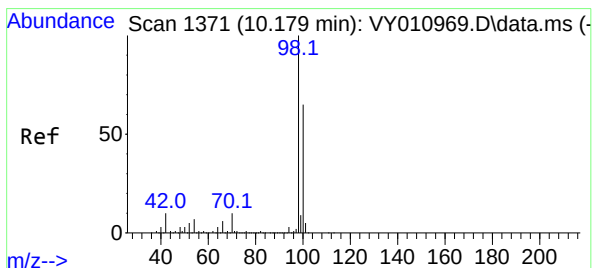
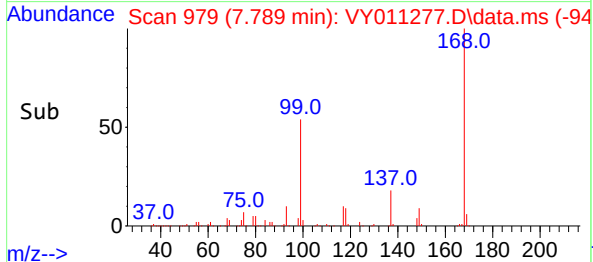
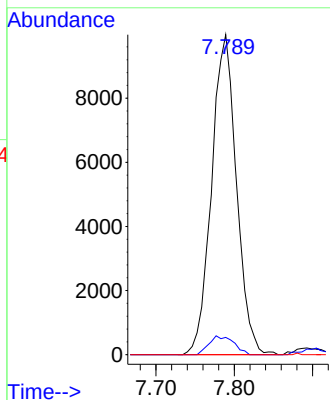
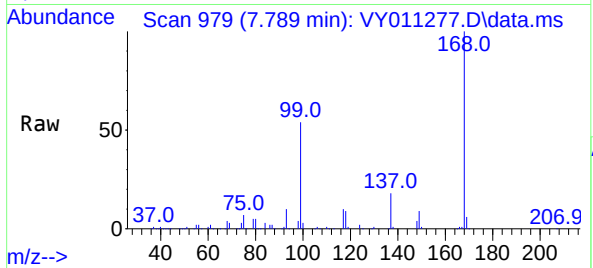




#38
Carbon Tetrachloride
Concen: 5.308 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011277.D
Acq: 03 Nov 2022 10:09

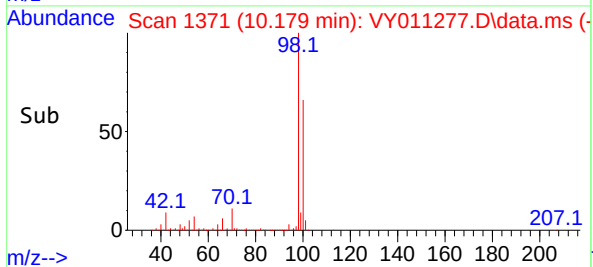
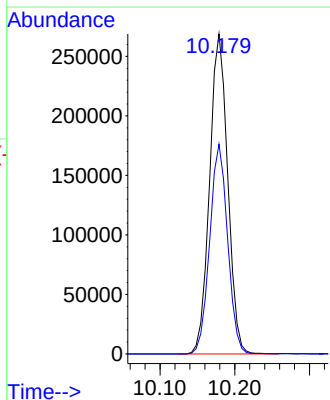
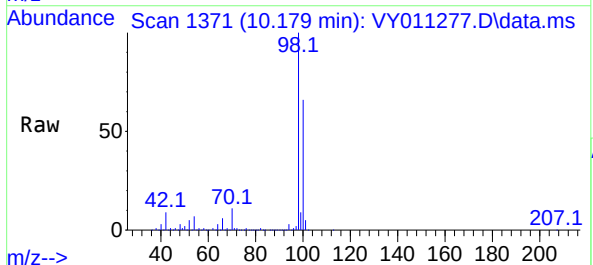
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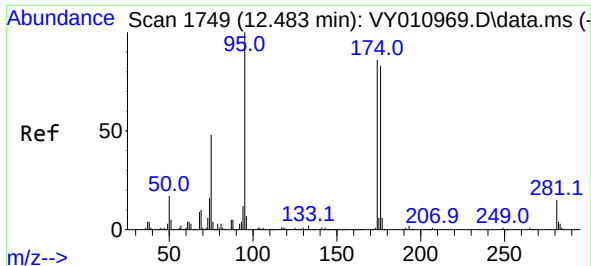
Tgt Ion:117 Resp: 22036
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.687 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011277.D
Acq: 03 Nov 2022 10:09

Tgt Ion: 98 Resp: 453677
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

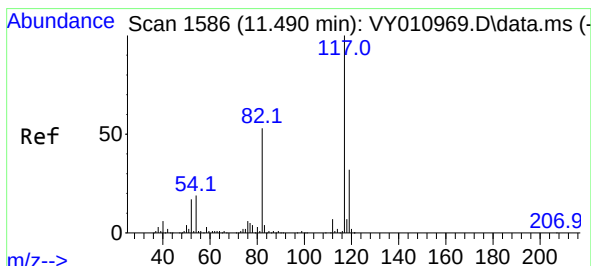
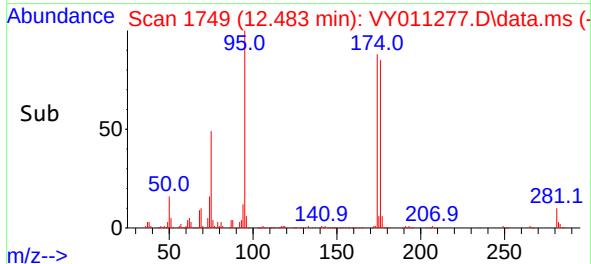
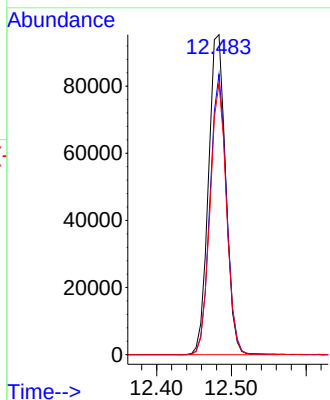
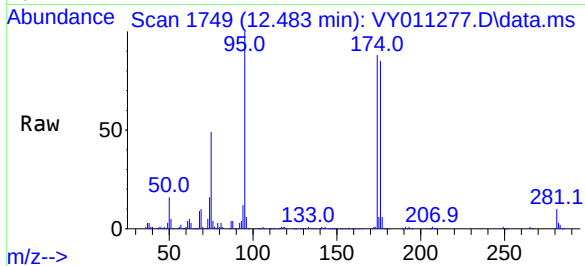




#62
4-Bromofluorobenzene
Concen: 46.081 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011277.D
Acq: 03 Nov 2022 10:09

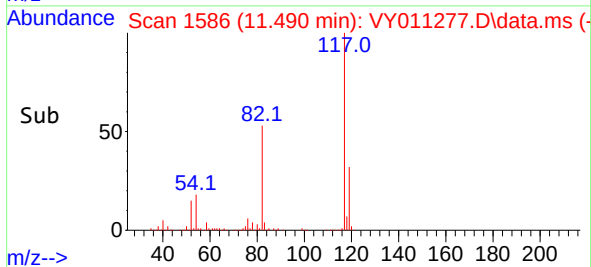
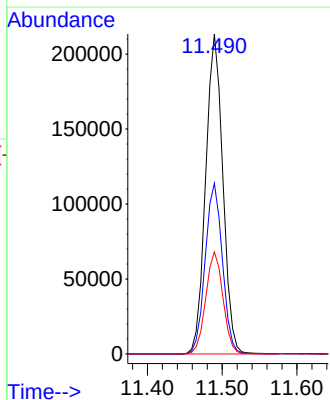
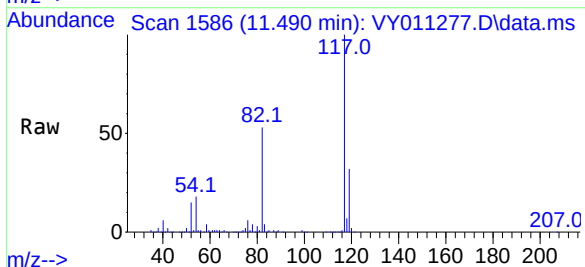
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBL01

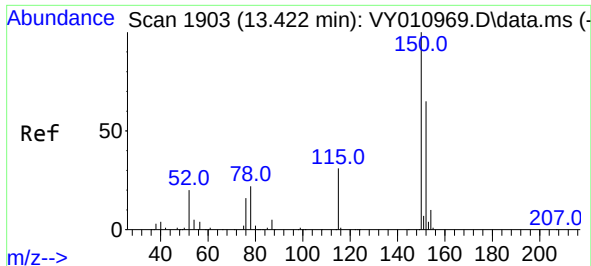
Tgt Ion: 95 Resp: 152195
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 81.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011277.D
Acq: 03 Nov 2022 10:09

Tgt Ion: 117 Resp: 341112
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.9 25.4 38.0

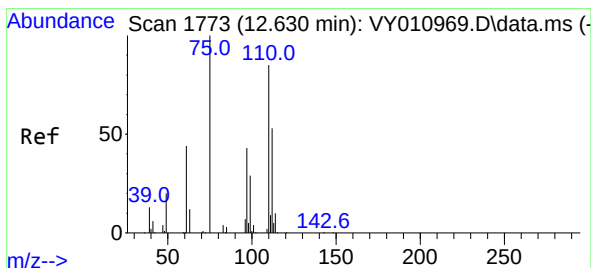
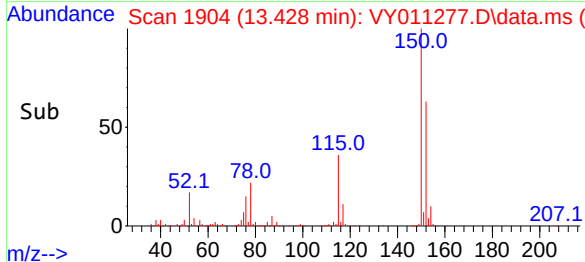
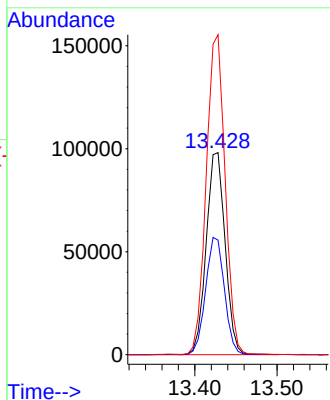
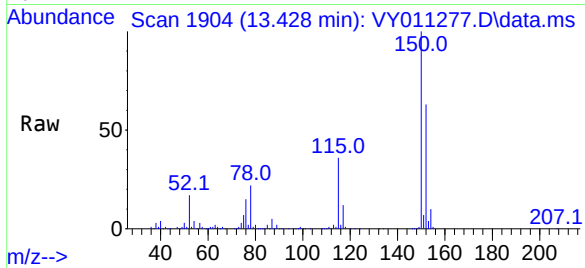




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY011277.D
Acq: 03 Nov 2022 10:09

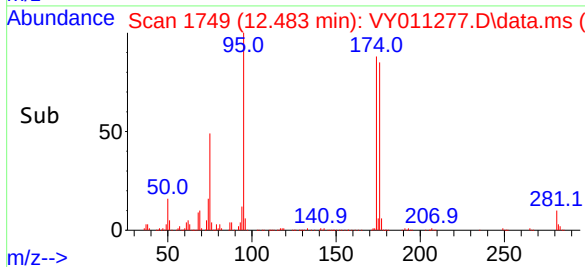
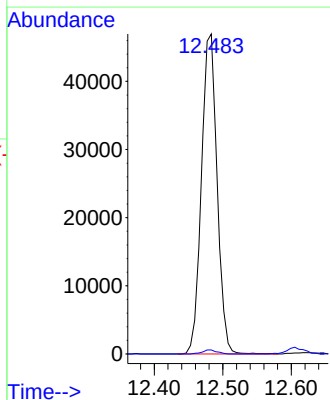
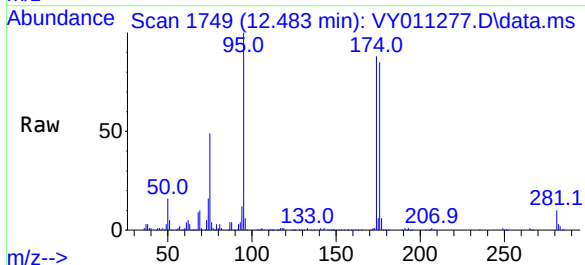
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBL01

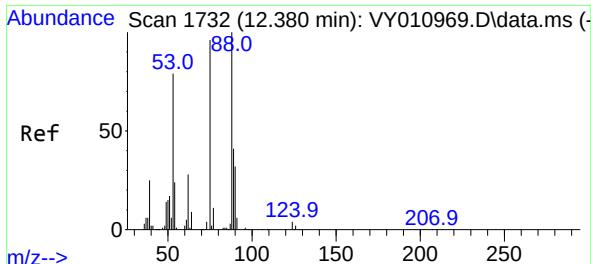
Tgt Ion:152 Resp: 156893
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 39.146 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011277.D
Acq: 03 Nov 2022 10:09

Tgt Ion: 75 Resp: 74771
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

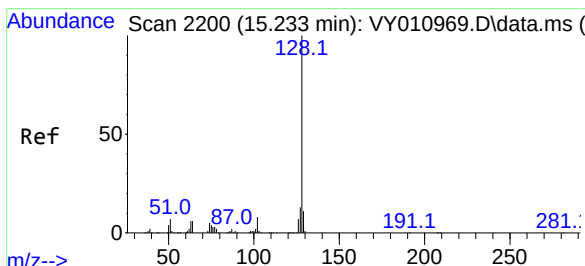
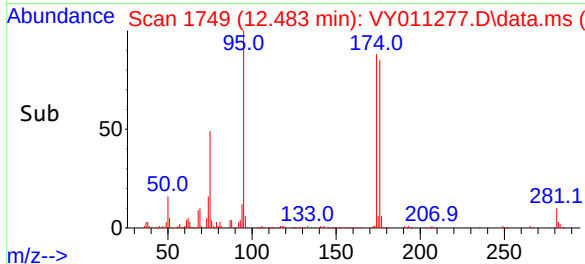
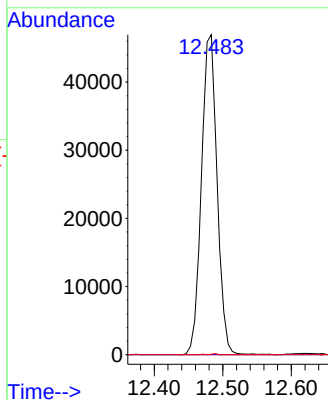
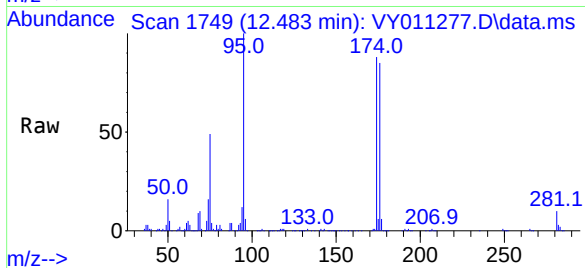




#81
trans-1,4-Dichloro-2-butene
Concen: 83.778 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011277.D
Acq: 03 Nov 2022 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBL01

Tgt Ion: 75 Resp: 74771
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#



#95
Naphthalene
Concen: 4.410 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011277.D
Acq: 03 Nov 2022 10:09

Tgt Ion:128 Resp: 3346
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.4
129 9.7 8.4 12.6

