

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011297.D
 Acq On : 04 Nov 2022 14:53
 Operator : KP/MD
 Sample : VY1104SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBL01

Quant Time: Nov 07 01:50:27 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)

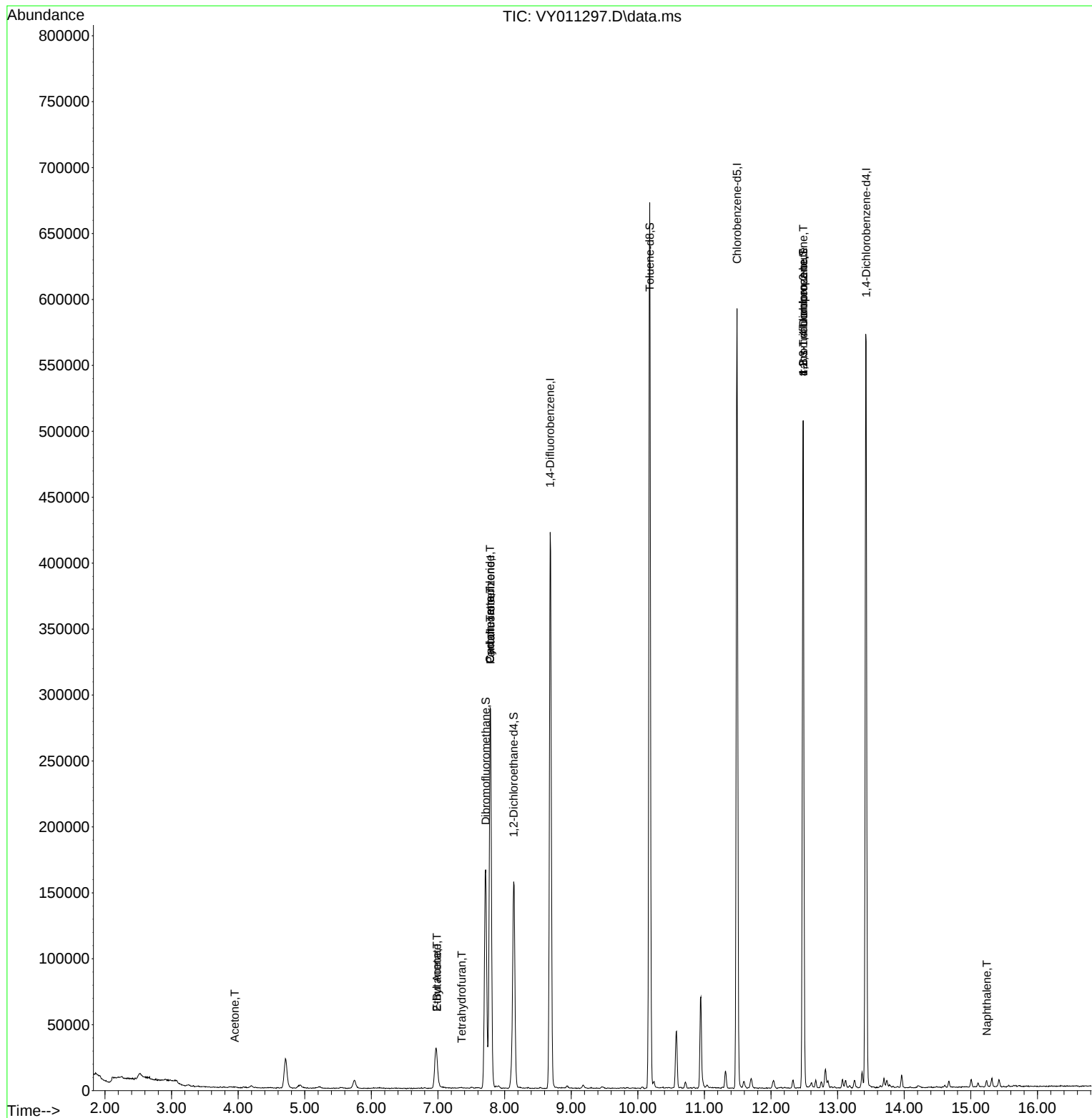
Internal Standards						
1) Pentafluorobenzene	7.789	168	230644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	374061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117966	47.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.640%
35) Dibromofluoromethane	7.716	113	122597	51.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.020%
50) Toluene-d8	10.179	98	455553	48.821	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.483	95	158281	48.861	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.720%
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	571	Below Cal	Qvalue	99
11) Tert butyl alcohol	4.930	59	2727	Below Cal	#	77
13) Acrolein	3.729	56	47	Below Cal	#	1
16) Acetone	3.948	43	1035	1.390	ug/l #	73
25) 2-Butanone	6.984	43	2753	2.628	ug/l #	86
29) Tetrahydrofuran	7.356	42	620	1.017	ug/l #	41
31) Cyclohexane	7.783	56	4993	1.092	ug/l #	1
37) Ethyl Acetate	6.984	43	2753	1.301	ug/l #	10
38) Carbon Tetrachloride	7.783	117	22495	5.525	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	77180	40.708	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77180	87.120	ug/l #	7
95) Naphthalene	15.239	128	3933	4.491	ug/l #	94

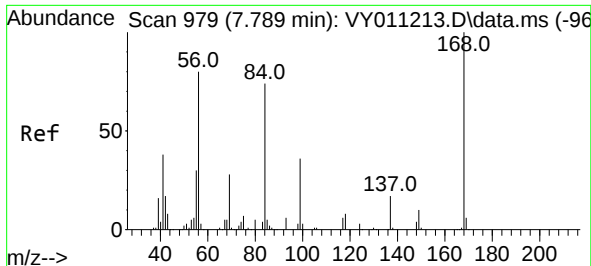
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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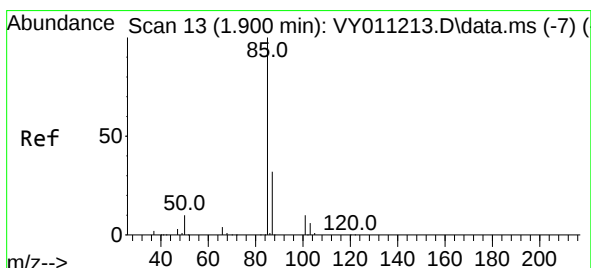
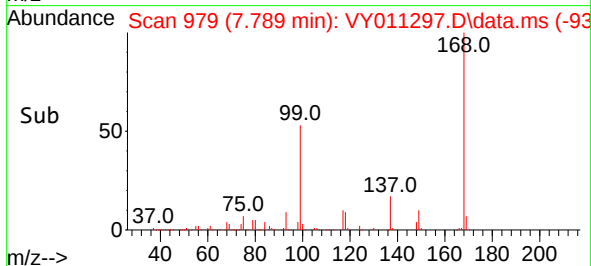
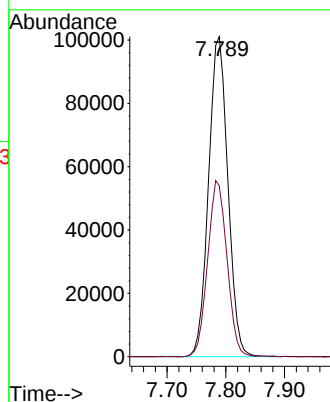
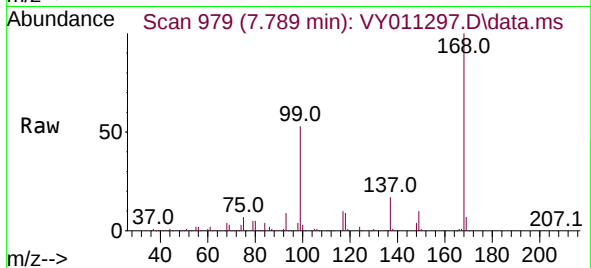




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011297.D
Acq: 04 Nov 2022 14:53

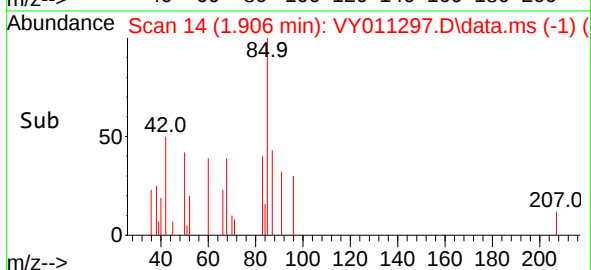
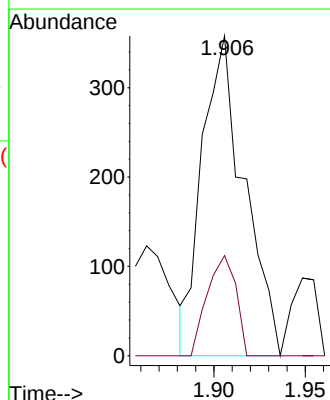
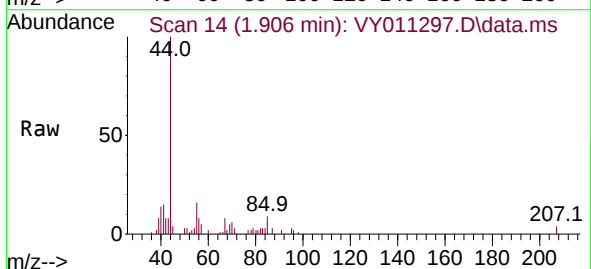
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBL01

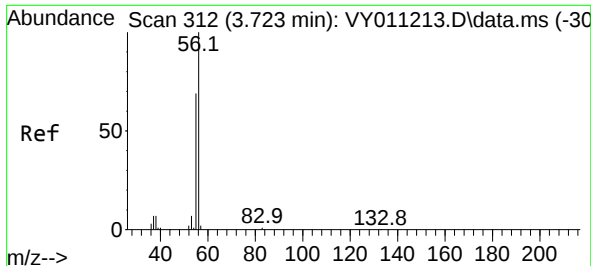
Tgt Ion:168 Resp: 230644
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011297.D
Acq: 04 Nov 2022 14:53

Tgt Ion: 85 Resp: 571
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2

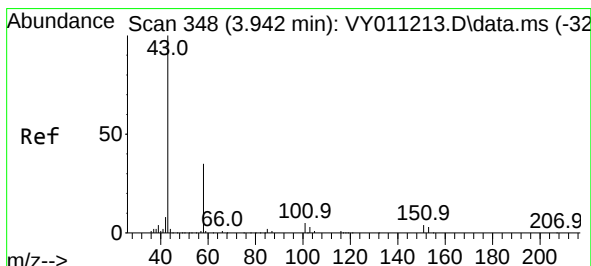
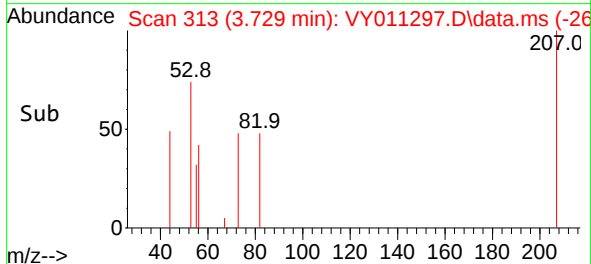
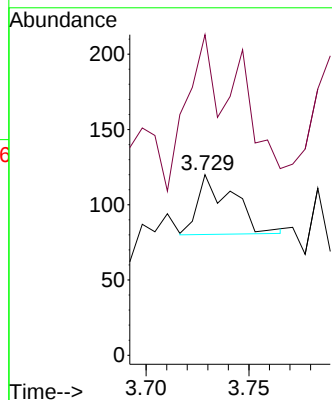
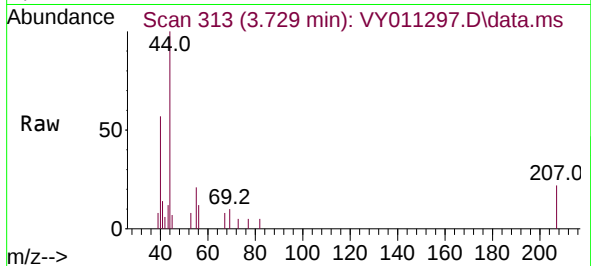




#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY011297.D
Acq: 04 Nov 2022 14:53

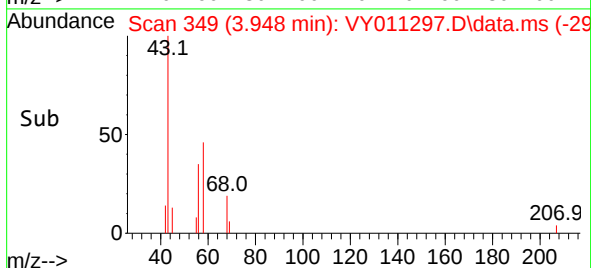
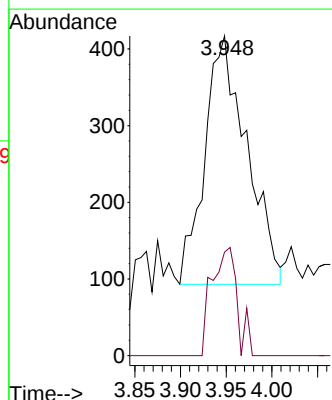
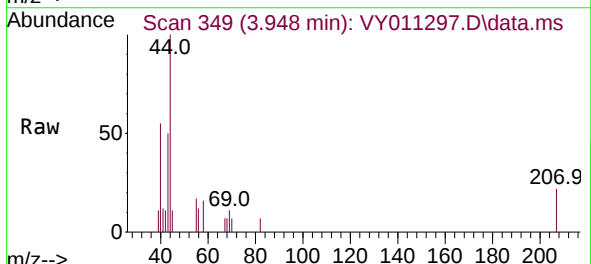
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBL01

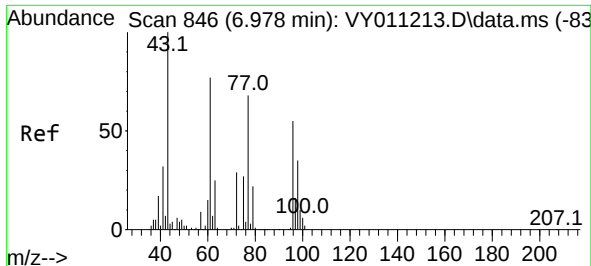
Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 397.9 57.6 86.4#



#16
Acetone
Concen: 1.390 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011297.D
Acq: 04 Nov 2022 14:53

Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
58 41.7 22.0 33.0#

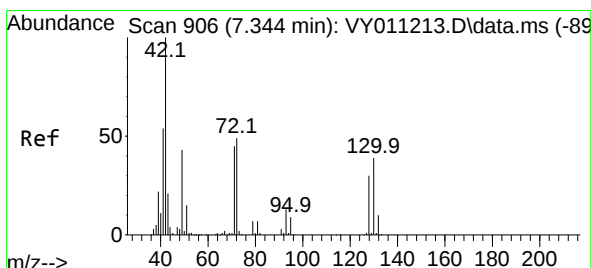
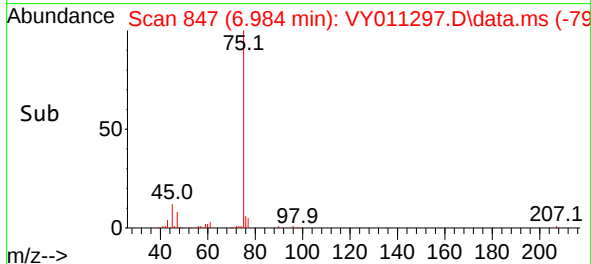
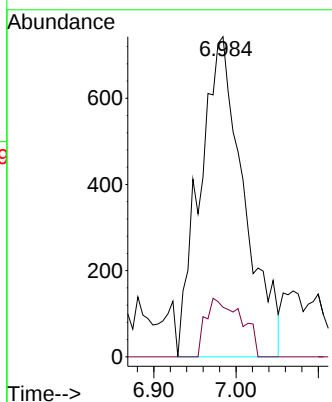
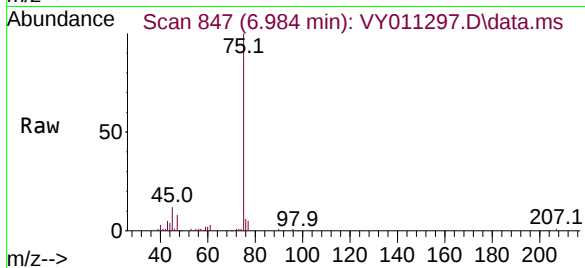




#25
2-Butanone
Concen: 2.628 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY011297.D
Acq: 04 Nov 2022 14:53

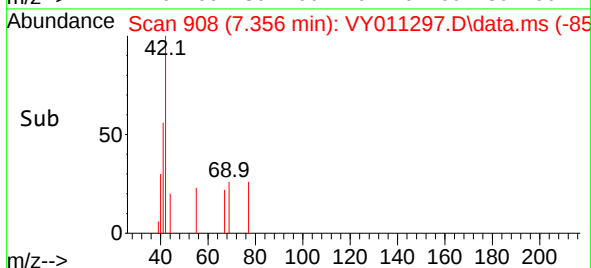
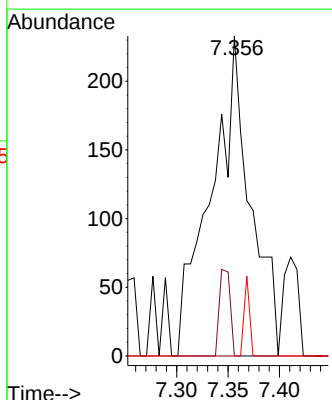
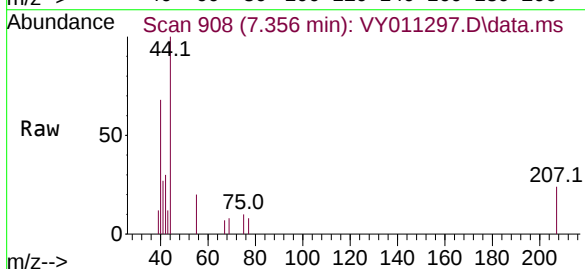
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBL01

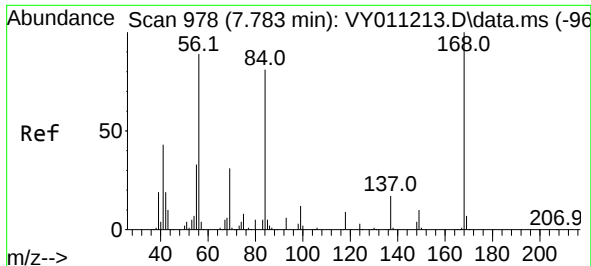
Tgt Ion: 43 Resp: 2753
Ion Ratio Lower Upper
43 100
72 15.5 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.017 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY011297.D
Acq: 04 Nov 2022 14:53

Tgt Ion: 42 Resp: 620
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 3.4 29.0 43.4#

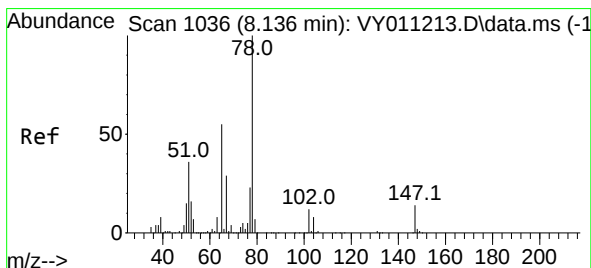
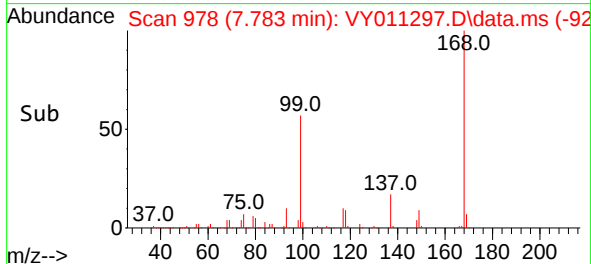
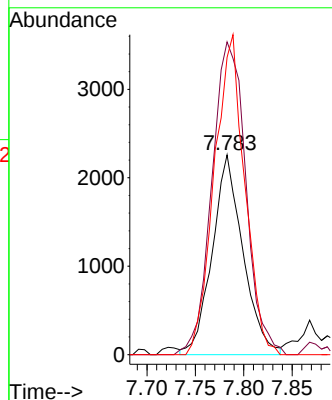
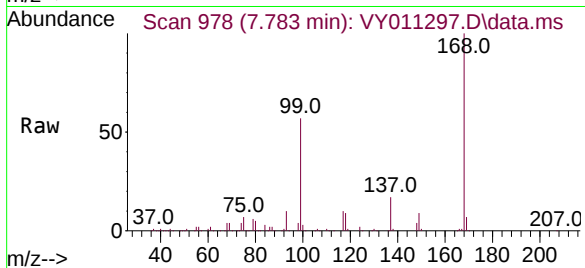




#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011297.D
Acq: 04 Nov 2022 14:53

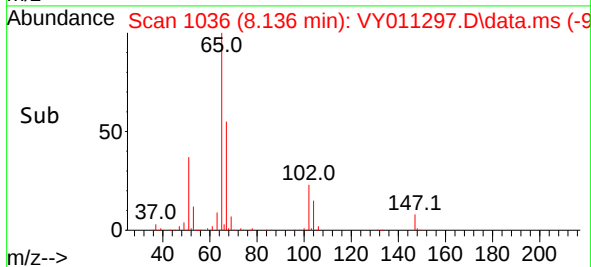
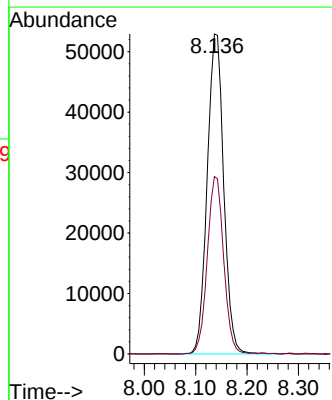
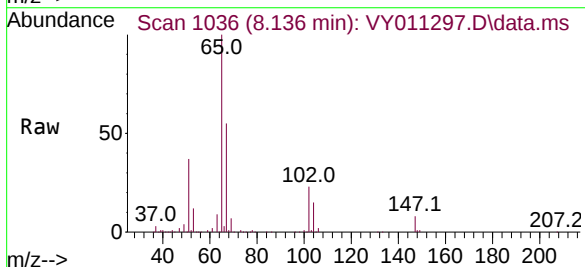
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBL01

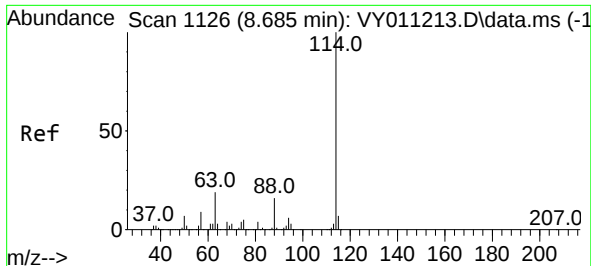
Tgt Ion: 56 Resp: 4993
Ion Ratio Lower Upper
56 100
69 158.1 26.7 40.1#
84 152.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 47.822 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011297.D
Acq: 04 Nov 2022 14:53

Tgt Ion: 65 Resp: 117966
Ion Ratio Lower Upper
65 100
67 55.0 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: VY011297.D

Acq: 04 Nov 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBL01

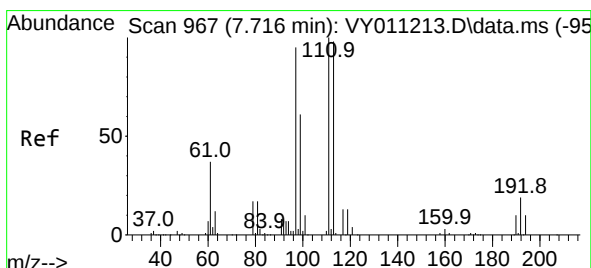
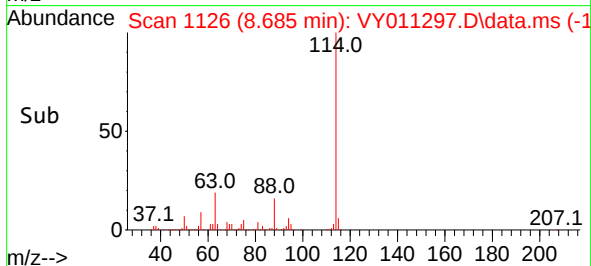
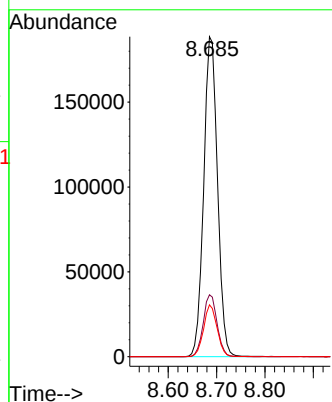
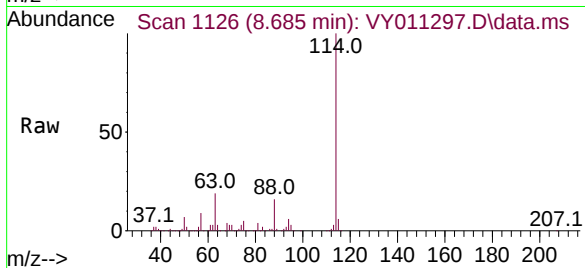
Tgt Ion:114 Resp: 374061

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.011 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011297.D

Acq: 04 Nov 2022 14:53

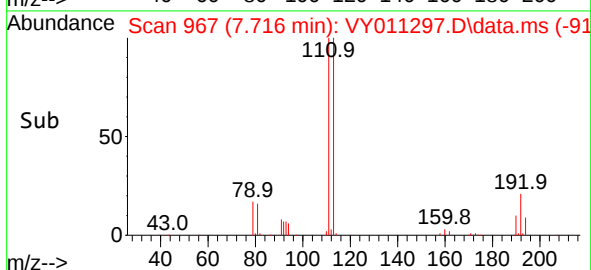
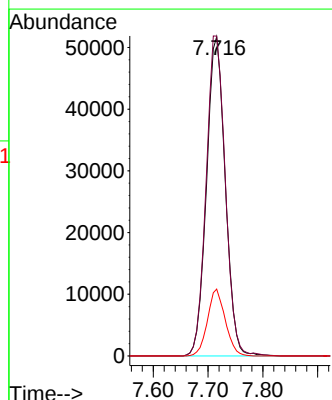
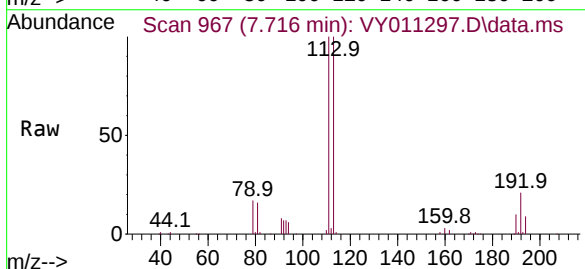
Tgt Ion:113 Resp: 122597

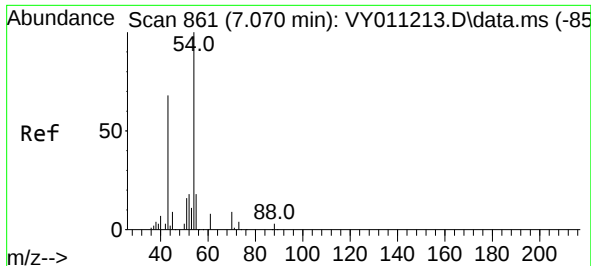
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.9 17.6 26.4





#37

Ethyl Acetate

Concen: 1.301 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.086 min

Lab File: VY011297.D

Acq: 04 Nov 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBL01

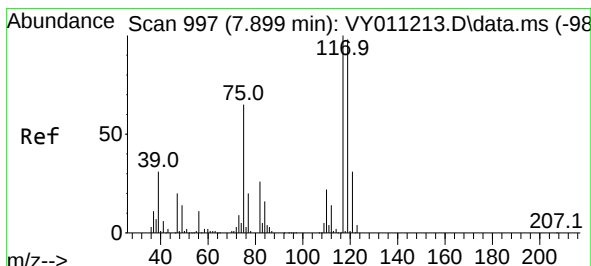
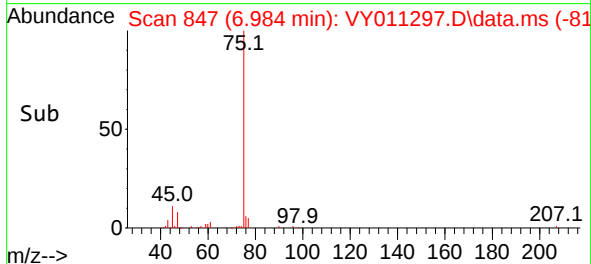
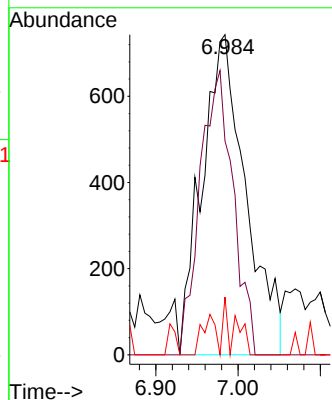
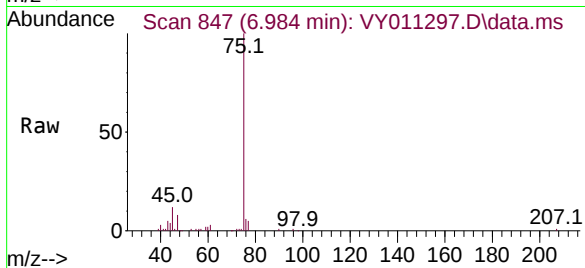
Tgt Ion: 43 Resp: 2753

Ion Ratio Lower Upper

43 100

61 67.0 9.7 14.5#

70 1.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.525 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011297.D

Acq: 04 Nov 2022 14:53

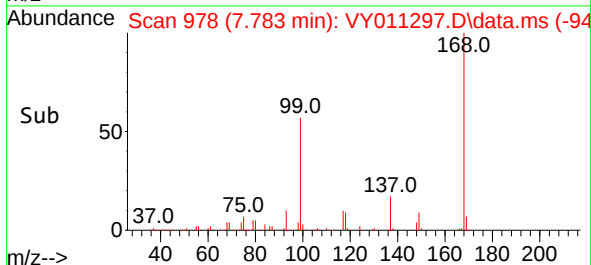
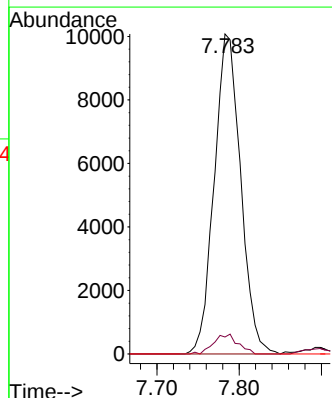
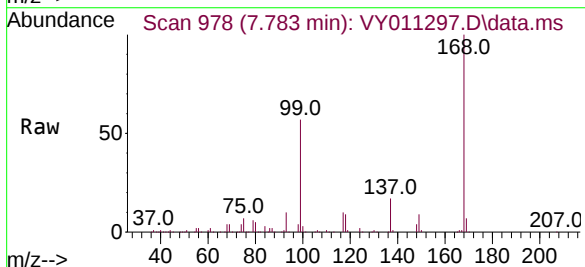
Tgt Ion: 117 Resp: 22495

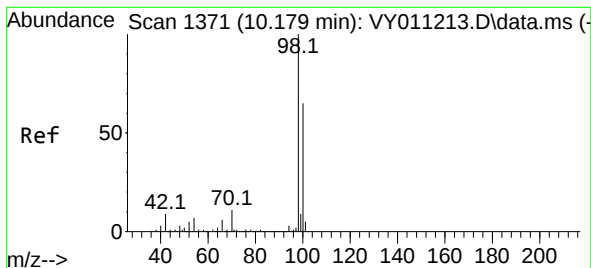
Ion Ratio Lower Upper

117 100

119 5.3 77.9 116.9#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.821 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011297.D

Acq: 04 Nov 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

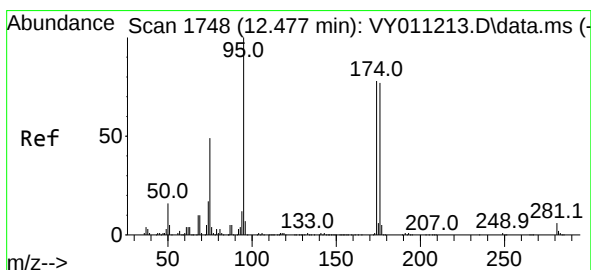
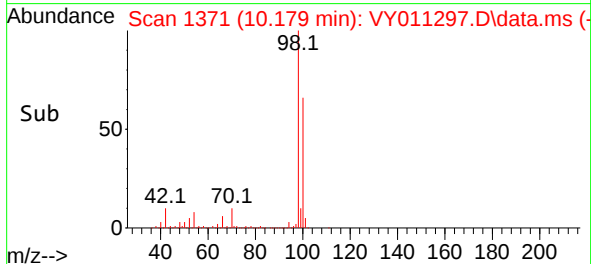
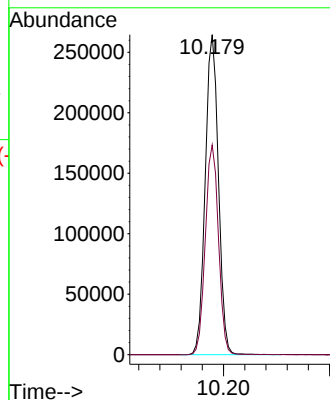
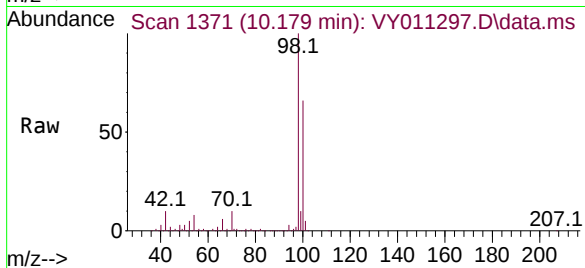
VY1104SBL01

Tgt Ion: 98 Resp: 455553

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 48.861 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011297.D

Acq: 04 Nov 2022 14:53

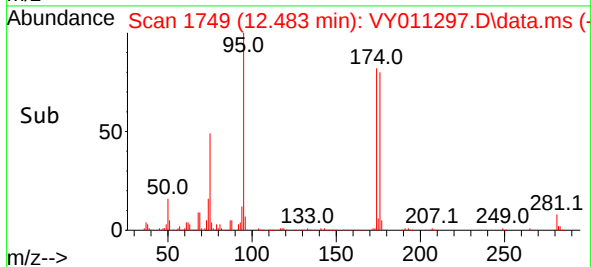
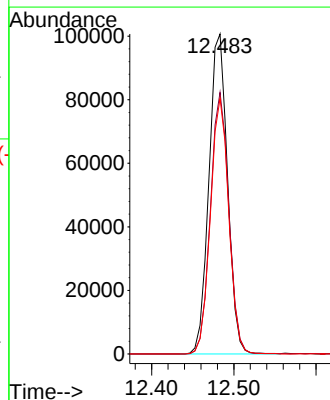
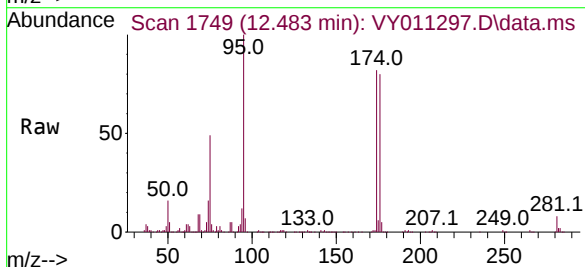
Tgt Ion: 95 Resp: 158281

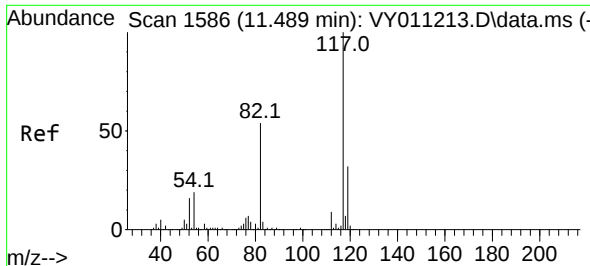
Ion Ratio Lower Upper

95 100

174 81.0 0.0 177.0

176 78.7 0.0 175.8

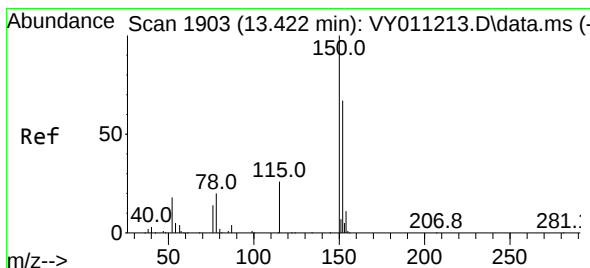
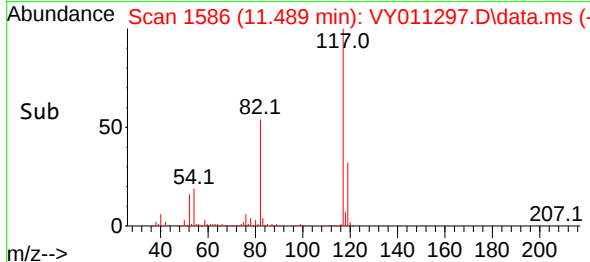
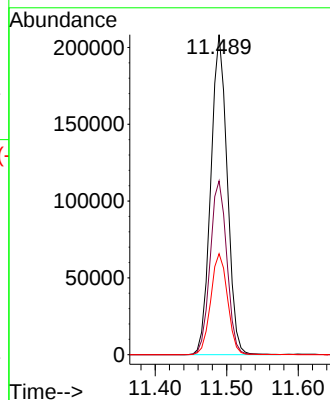
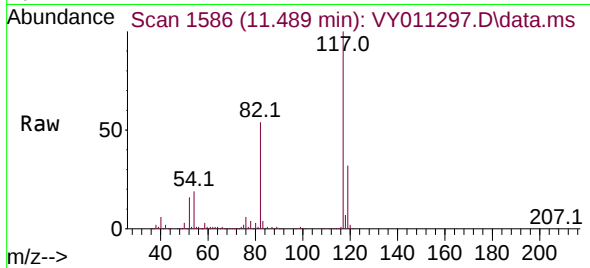




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011297.D
Acq: 04 Nov 2022 14:53

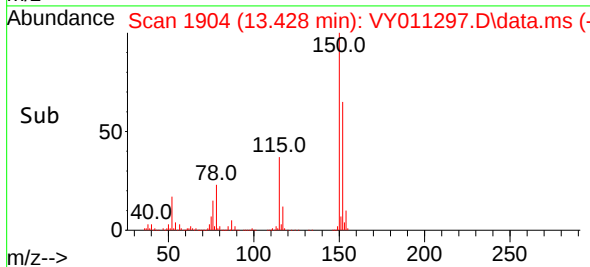
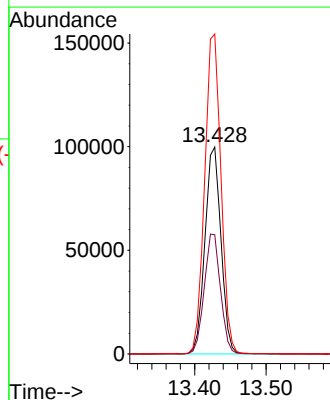
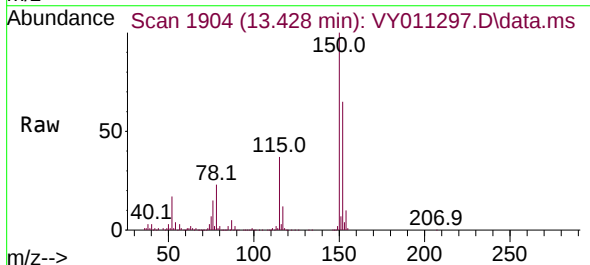
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBL01

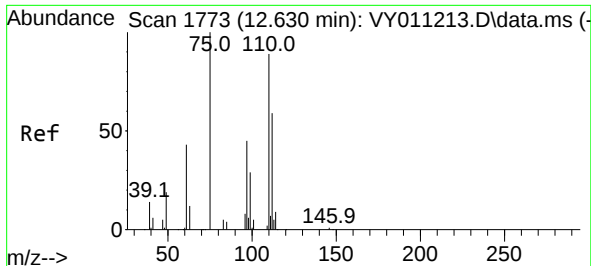
Tgt Ion:117 Resp: 332067
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011297.D
Acq: 04 Nov 2022 14:53

Tgt Ion:152 Resp: 155735
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 157.2 0.0 347.6

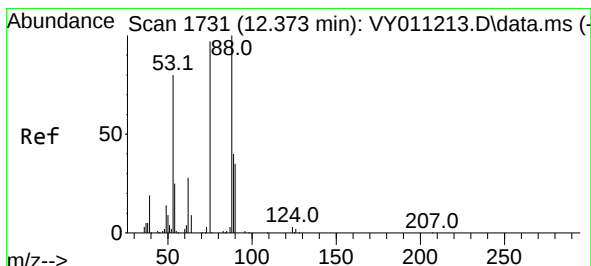
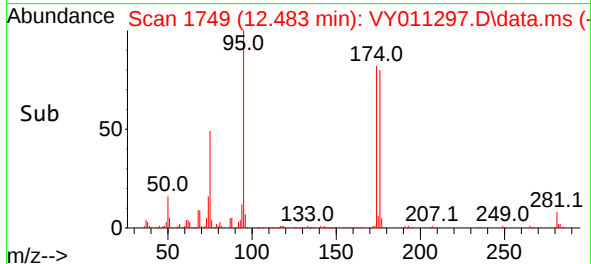
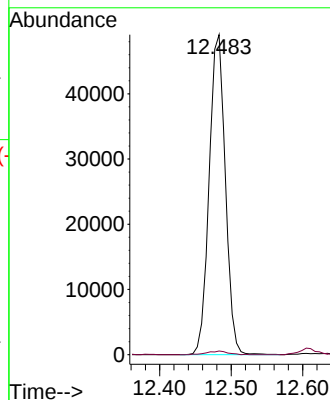
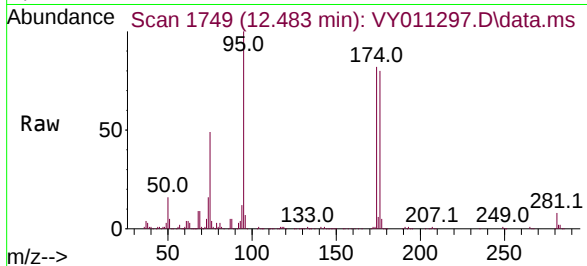




#76
1,2,3-Trichloropropane
Concen: 40.708 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011297.D
Acq: 04 Nov 2022 14:53

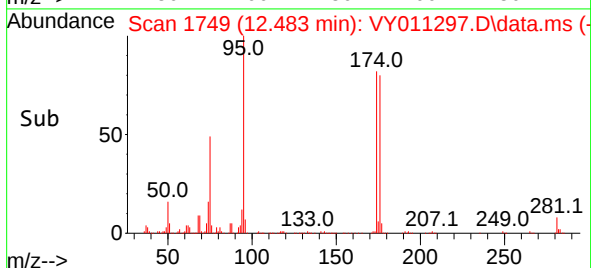
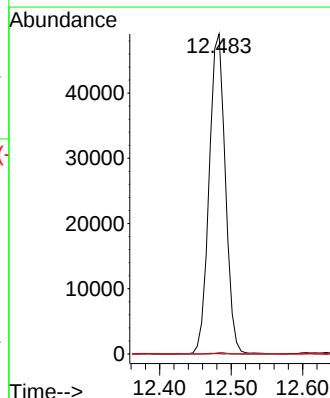
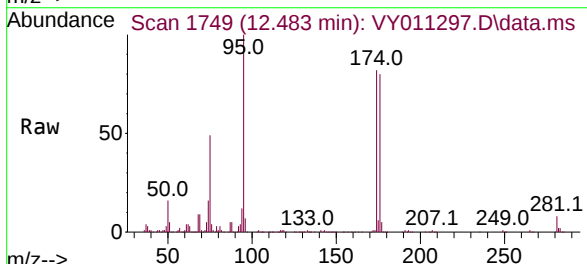
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBL01

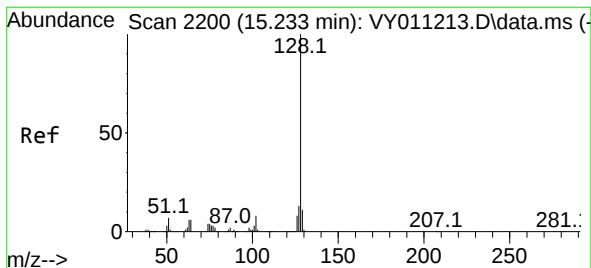
Tgt Ion: 75 Resp: 77180
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.120 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011297.D
Acq: 04 Nov 2022 14:53

Tgt Ion: 75 Resp: 77180
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.3 37.0 55.4#





#95

Naphthalene

Concen: 4.491 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY011297.D

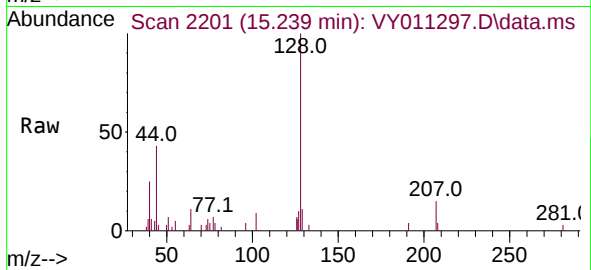
Acq: 04 Nov 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBL01



Tgt Ion:	128	Resp:	3933
Ion	Ratio	Lower	Upper
128	100		
127	9.9	11.0	16.4#
129	9.8	8.4	12.6

