

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011336.D
 Acq On : 07 Nov 2022 15:40
 Operator : KP/MD
 Sample : N5495-07
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29A

Quant Time: Nov 08 03:29:40 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)

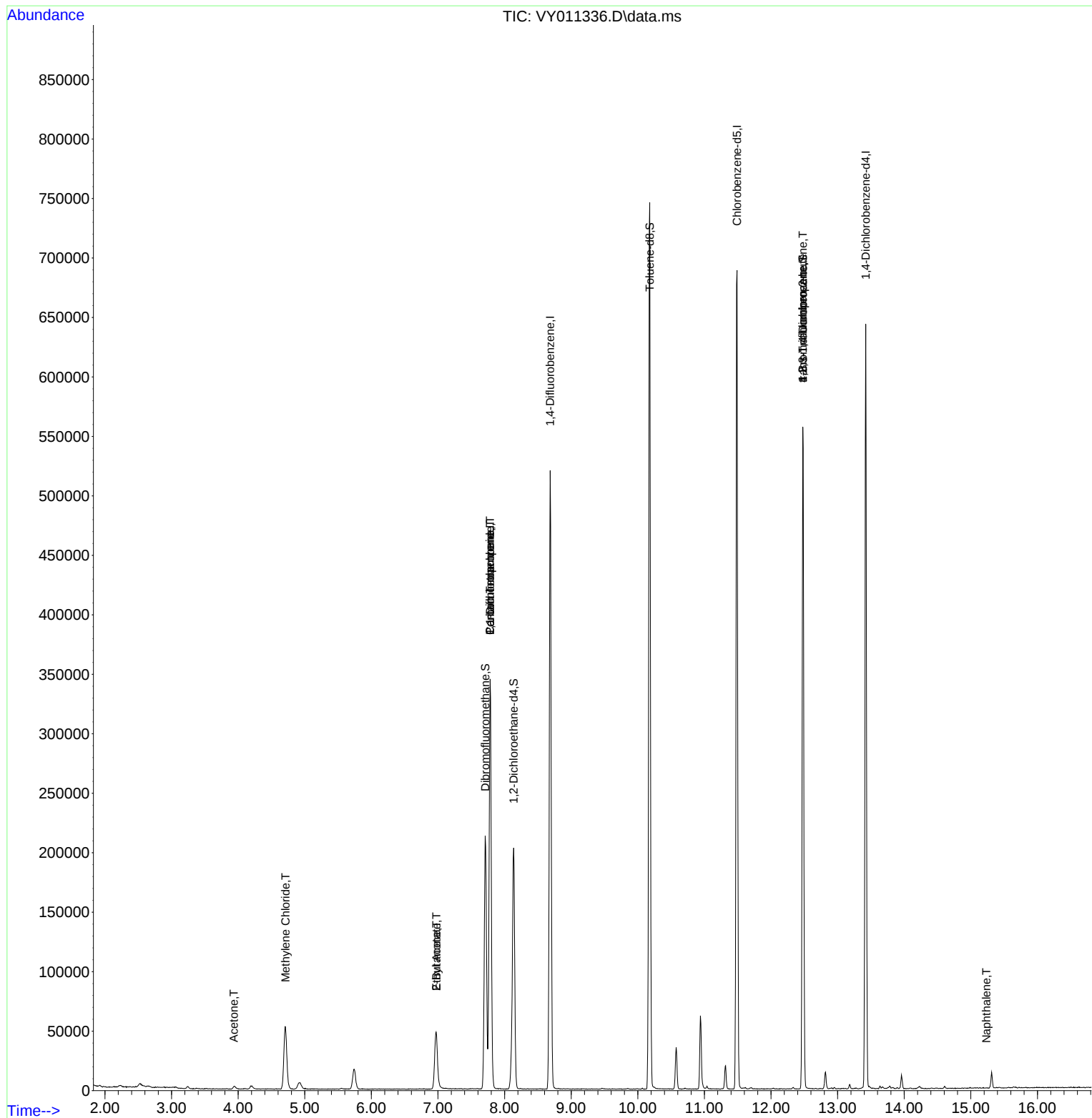
Internal Standards							
1) Pentafluorobenzene		7.783	168	274790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.685	114	459661	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.489	117	400467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.422	152	170444	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.136	65	146941	49.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.000%		
35) Dibromofluoromethane		7.710	113	154924	52.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%		
50) Toluene-d8		10.179	98	515216	44.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.860%		
62) 4-Bromofluorobenzene		12.477	95	170246	42.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.540%		
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane		1.900	85	227	Below Cal	#	43
11) Tert butyl alcohol		4.924	59	5924	Below Cal	#	78
16) Acetone		3.936	43	4097	4.618	ug/l #	88
20) Methylene Chloride		4.710	84	43242	7.660	ug/l #	82
25) 2-Butanone		6.978	43	2917	2.337	ug/l	91
36) 1,1-Dichloropropene		7.783	75	20139	4.176	ug/l #	50
37) Ethyl Acetate		6.978	43	2917	1.122	ug/l #	1
38) Carbon Tetrachloride		7.783	117	26608	5.318	ug/l #	16
76) 1,2,3-Trichloropropane		12.477	75	81973	39.505	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.477	75	81973	84.545	ug/l #	7
95) Naphthalene		15.233	128	203	3.993	ug/l #	69

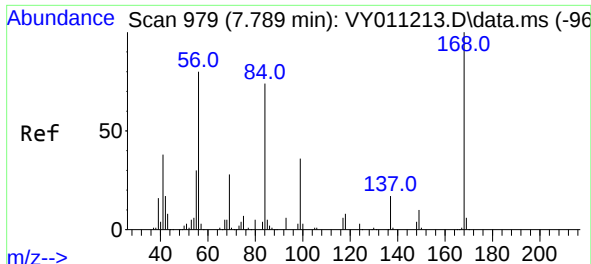
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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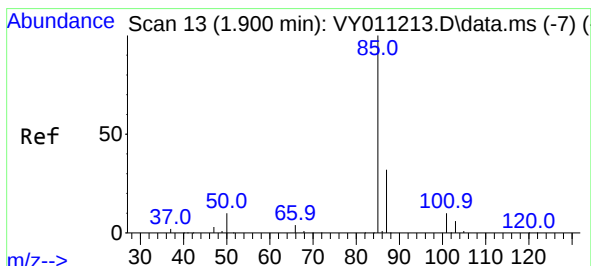
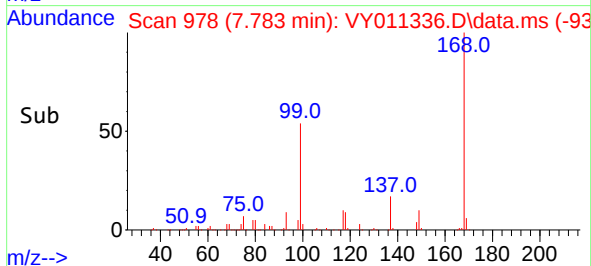
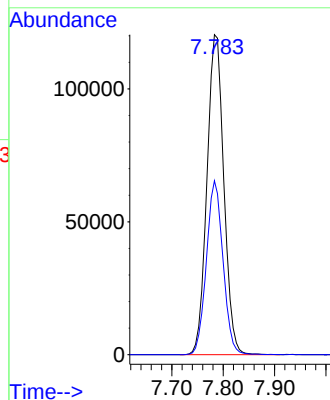
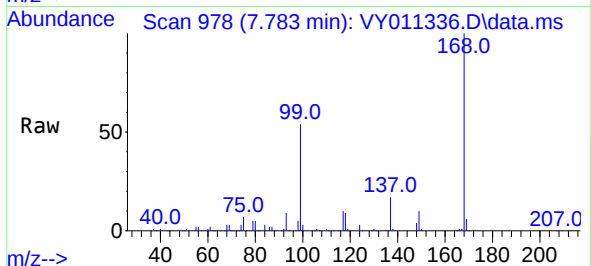




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

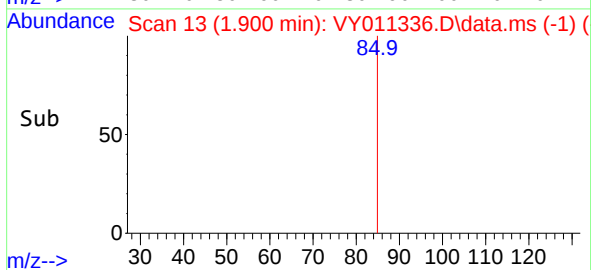
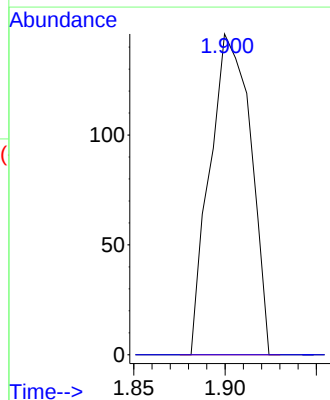
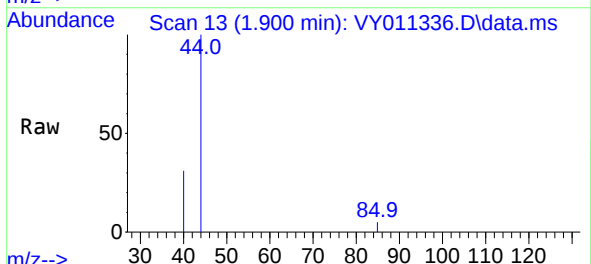
Instrument :
MSVOA_Y
ClientSampleId :
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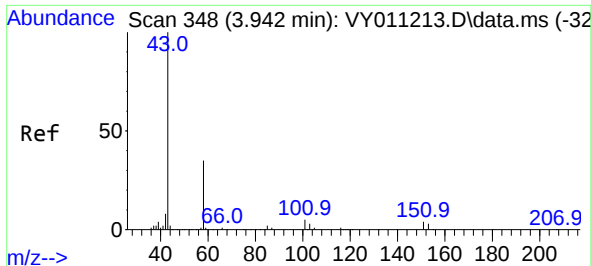
Tgt Ion:168 Resp: 274790
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

Tgt Ion: 85 Resp: 227
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

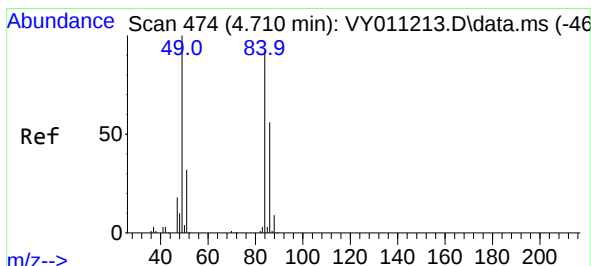
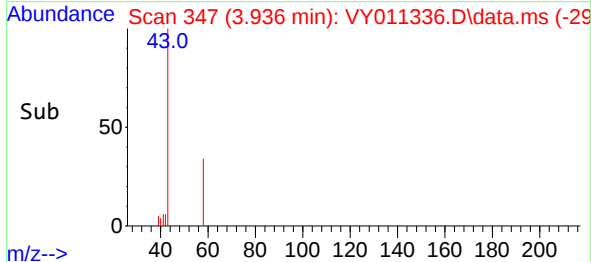
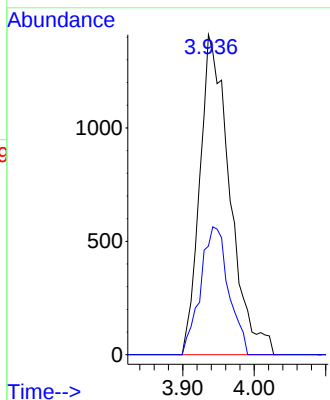
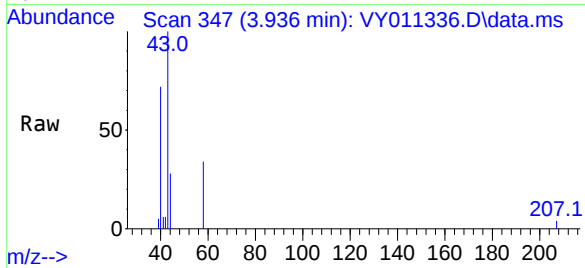




#16
Acetone
Concen: 4.618 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

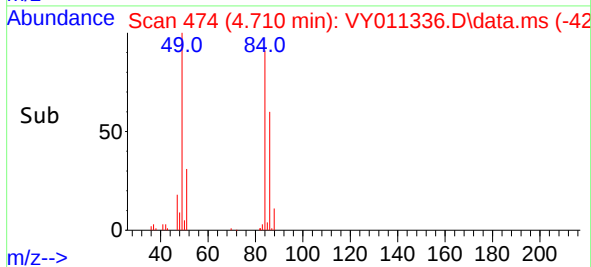
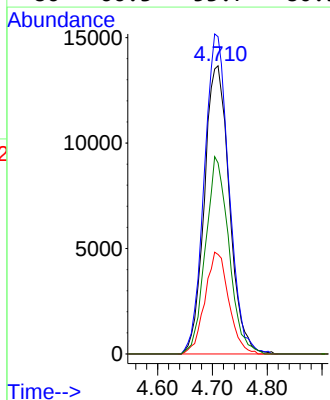
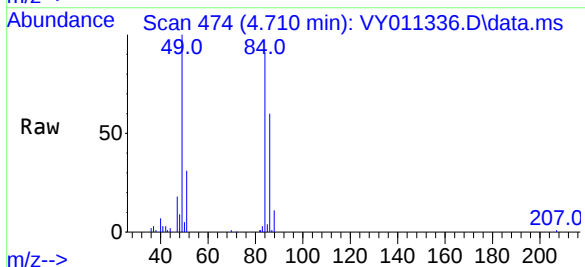
Instrument :
MSVOA_Y
ClientSampleId :
SB-29A

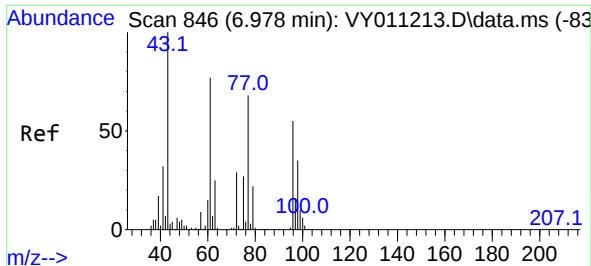
Tgt Ion: 43 Resp: 4097
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#



#20
Methylene Chloride
Concen: 7.660 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

Tgt Ion: 84 Resp: 43242
Ion Ratio Lower Upper
84 100
49 110.1 114.4 171.6#
51 34.6 35.3 52.9#
86 66.3 53.7 80.5

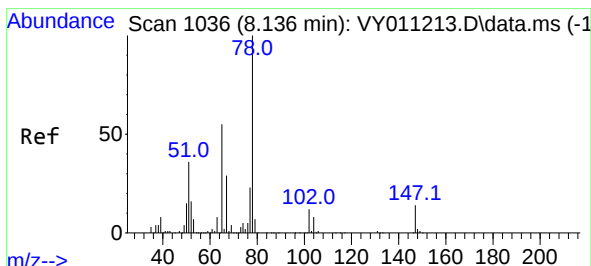
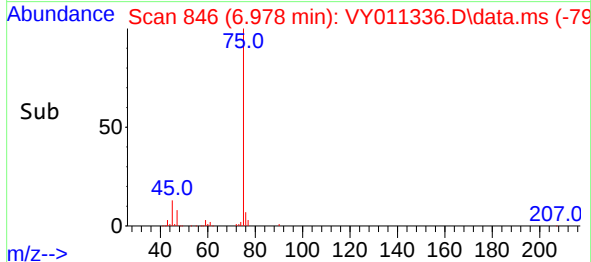
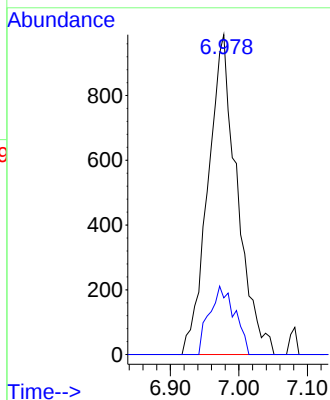
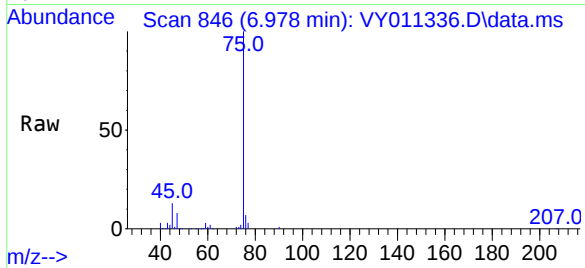




#25
2-Butanone
Concen: 2.337 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

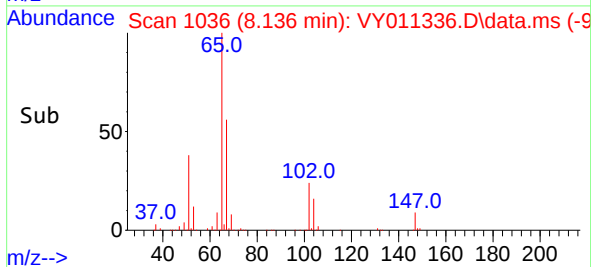
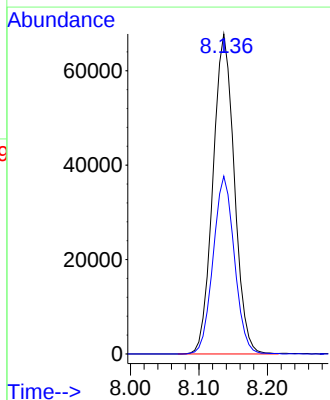
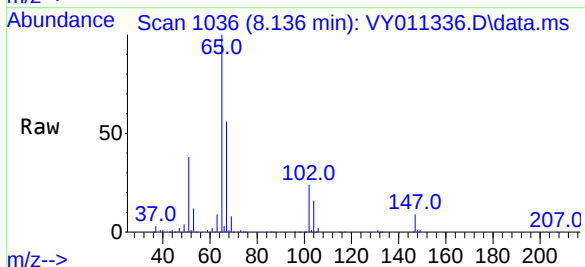
Instrument :
MSVOA_Y
ClientSampleId :
SB-29A

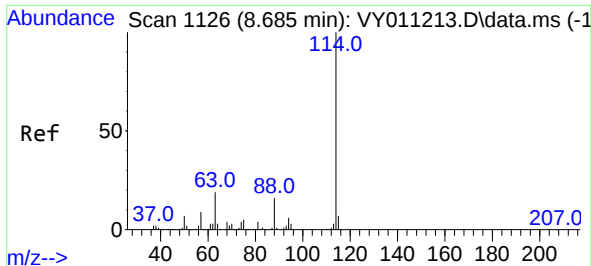
Tgt Ion: 43 Resp: 2917
Ion Ratio Lower Upper
43 100
72 17.7 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 49.999 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

Tgt Ion: 65 Resp: 146941
Ion Ratio Lower Upper
65 100
67 55.1 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: VY011336.D

Acq: 07 Nov 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-29A

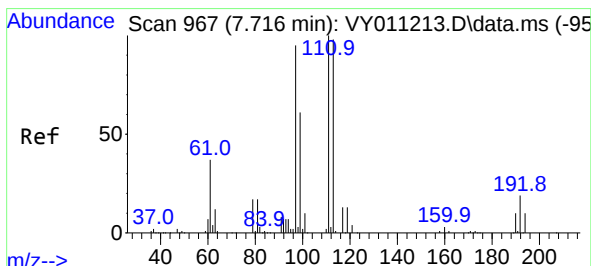
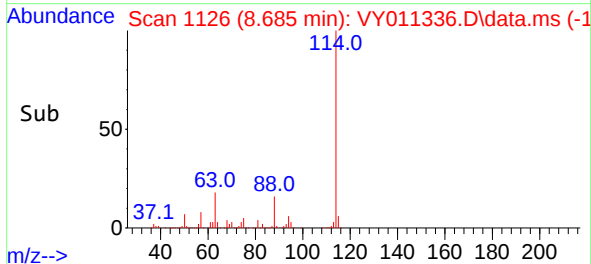
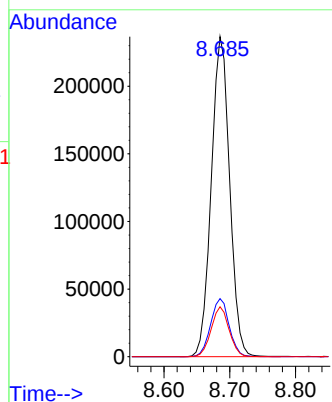
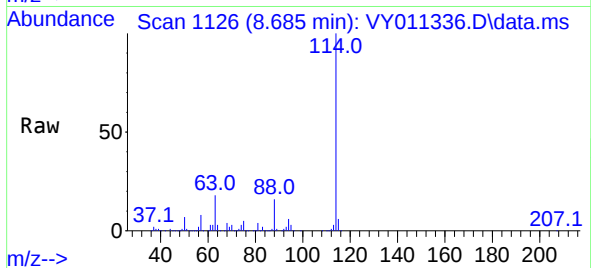
Tgt Ion:114 Resp: 459661

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.458 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011336.D

Acq: 07 Nov 2022 15:40

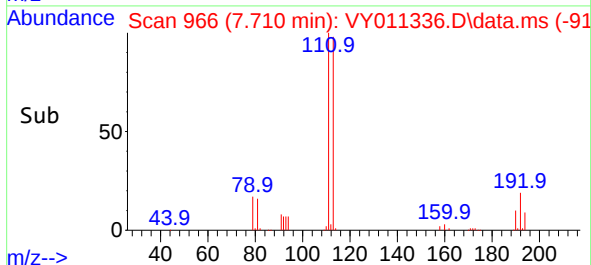
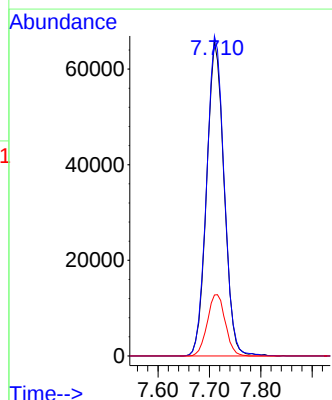
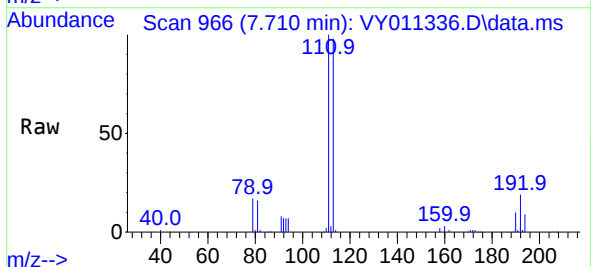
Tgt Ion:113 Resp: 154924

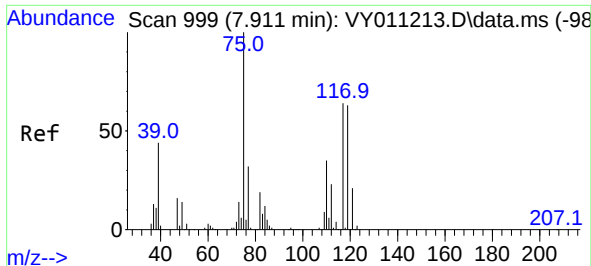
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 20.1 17.6 26.4

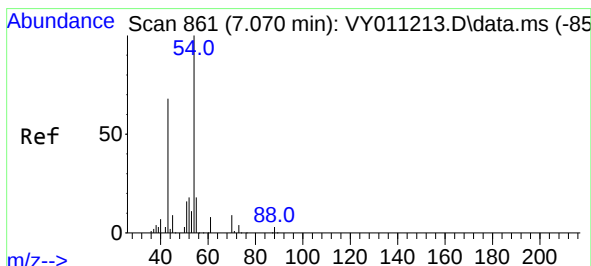
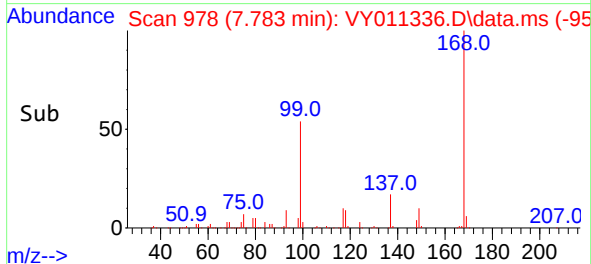
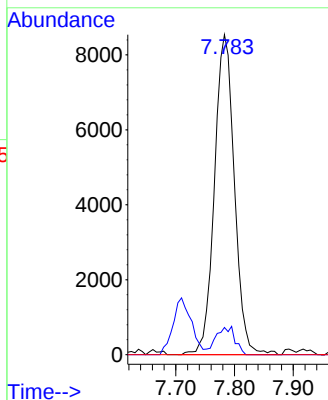
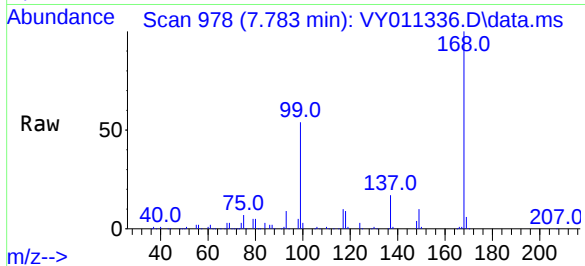




#36
1,1-Dichloropropene
Concen: 4.176 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

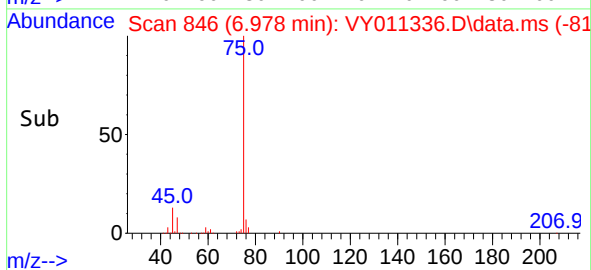
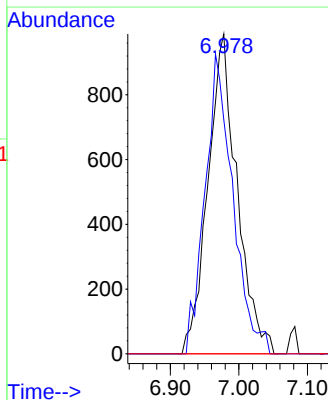
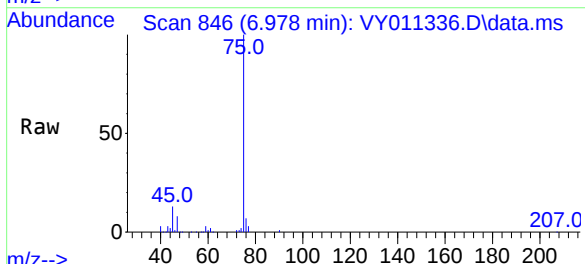
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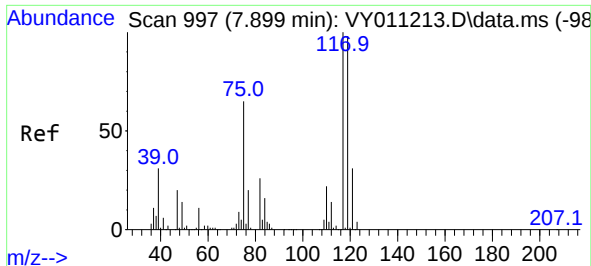
Tgt Ion: 75 Resp: 20139
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.122 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

Tgt Ion: 43 Resp: 2917
Ion Ratio Lower Upper
43 100
61 89.8 9.7 14.5#
70 0.0 7.1 10.7#

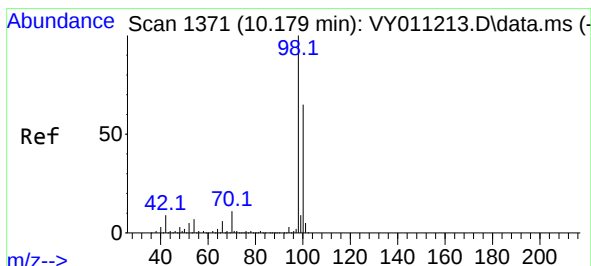
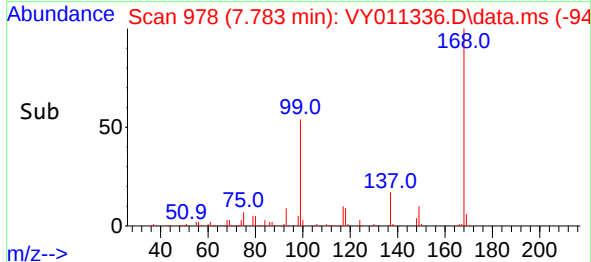
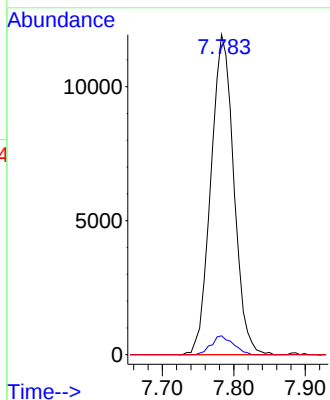
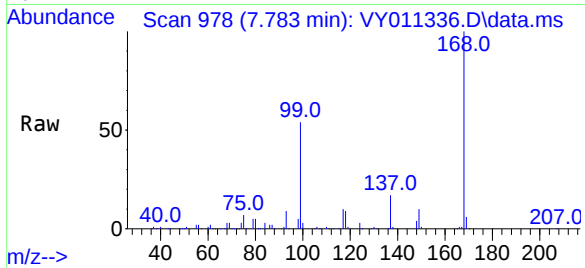




#38
Carbon Tetrachloride
Concen: 5.318 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

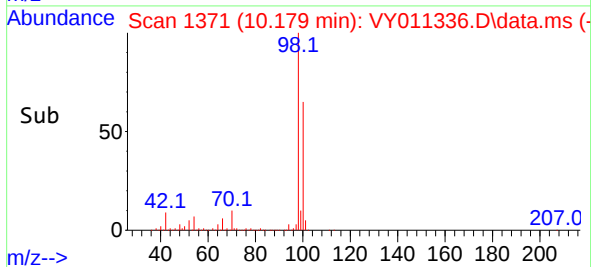
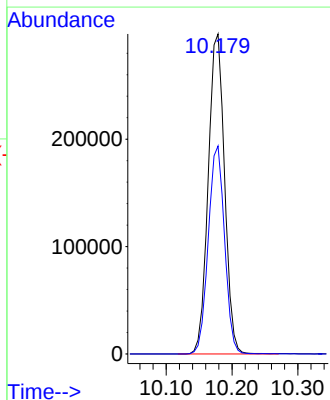
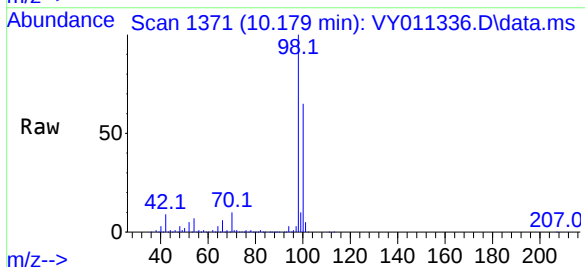
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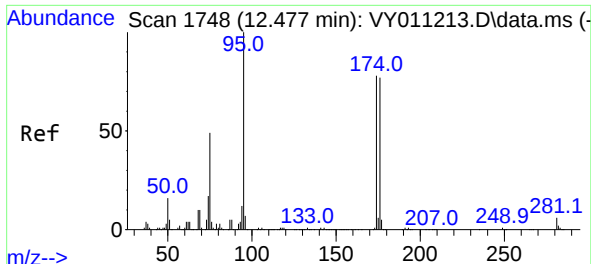
Tgt Ion:117 Resp: 26608
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.932 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

Tgt Ion: 98 Resp: 515216
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

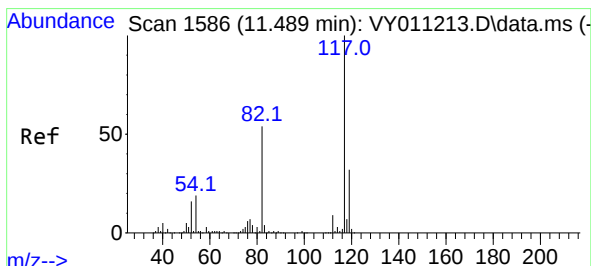
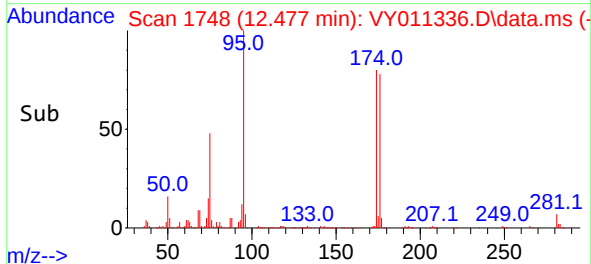
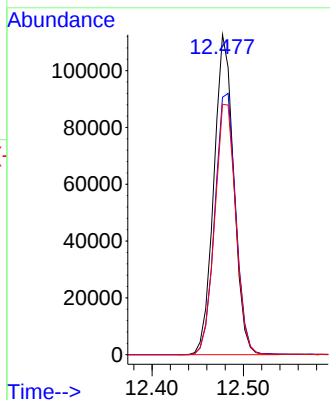
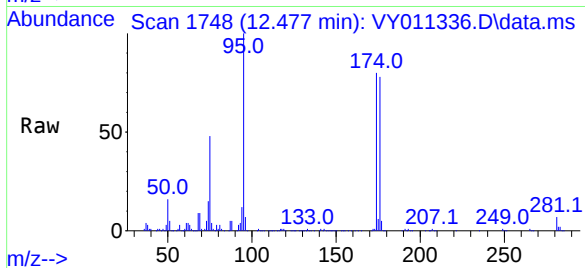




#62
4-Bromofluorobenzene
Concen: 42.768 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

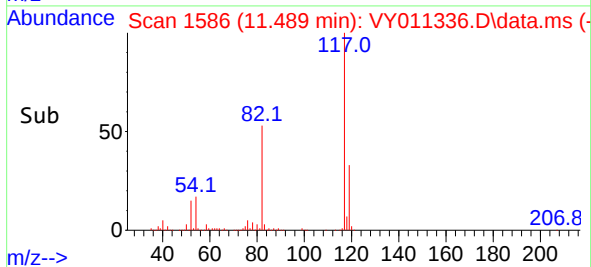
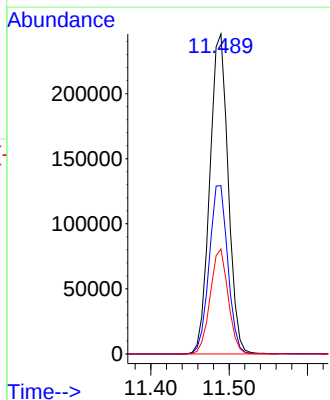
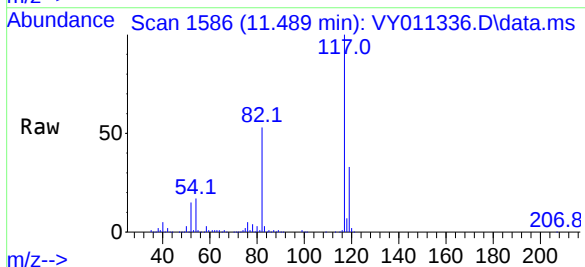
Instrument :
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ClientSampleId :
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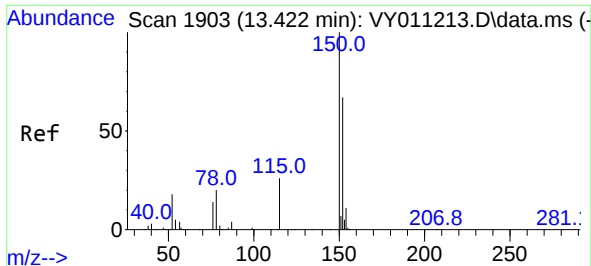
Tgt Ion: 95 Resp: 170246
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 82.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

Tgt Ion: 117 Resp: 400467
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.8 25.4 38.0

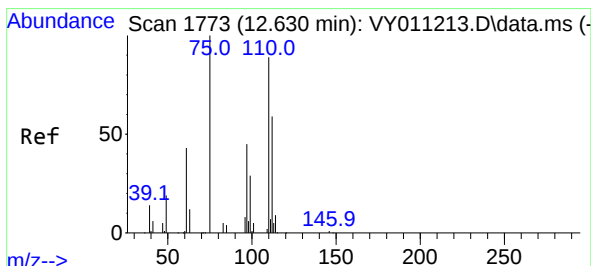
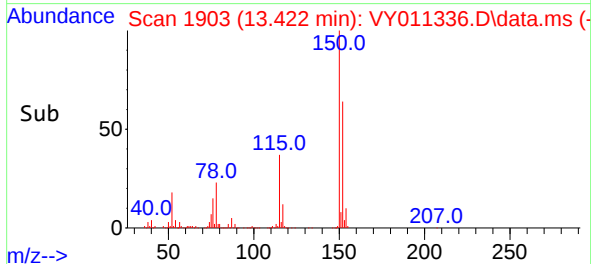
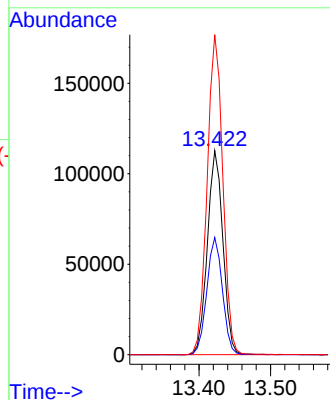
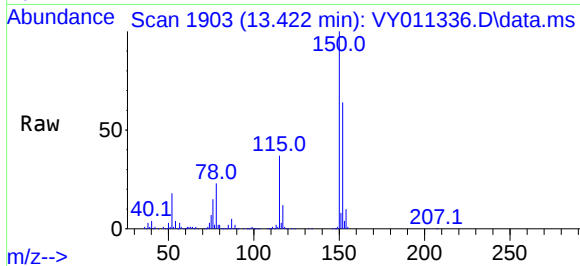




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011336.D
 Acq: 07 Nov 2022 15:40

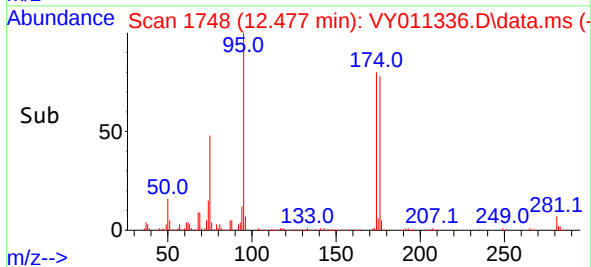
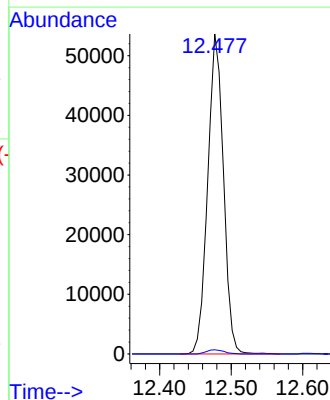
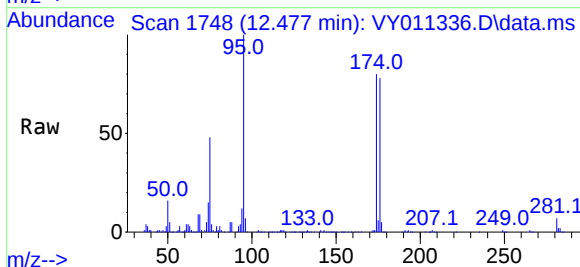
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29A

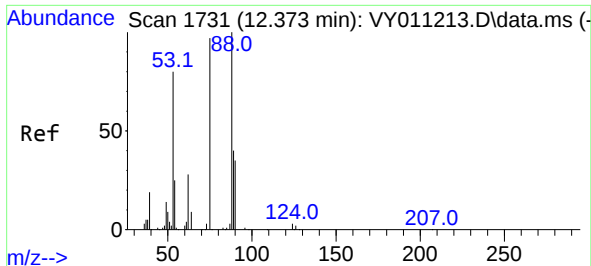
Tgt Ion:152 Resp: 170444
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 158.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.505 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011336.D
 Acq: 07 Nov 2022 15:40

Tgt Ion: 75 Resp: 81973
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

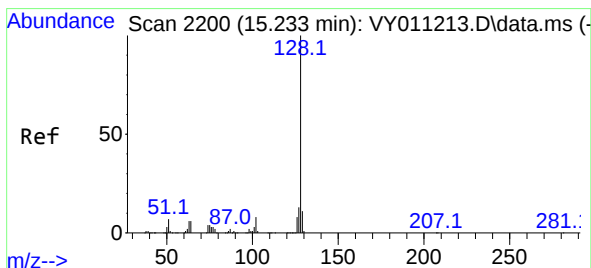
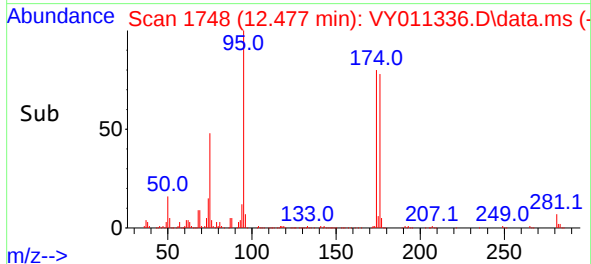
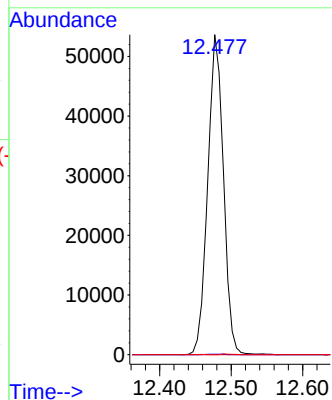
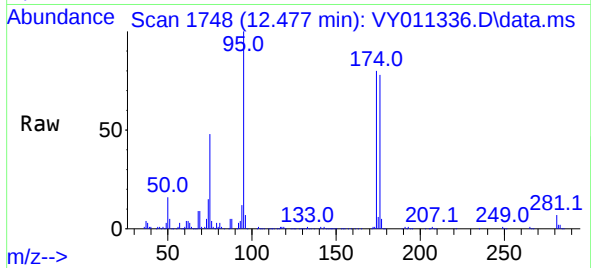




#81
trans-1,4-Dichloro-2-butene
Concen: 84.545 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

Instrument :
MSVOA_Y
ClientSampleId :
SB-29A

Tgt Ion: 75 Resp: 81973
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.2 37.0 55.4#



#95
Naphthalene
Concen: 3.993 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011336.D
Acq: 07 Nov 2022 15:40

Tgt Ion: 128 Resp: 203
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

