

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011334.D
 Acq On : 07 Nov 2022 14:50
 Operator : KP/MD
 Sample : N5495-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-31A

Quant Time: Nov 08 03:29:25 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)

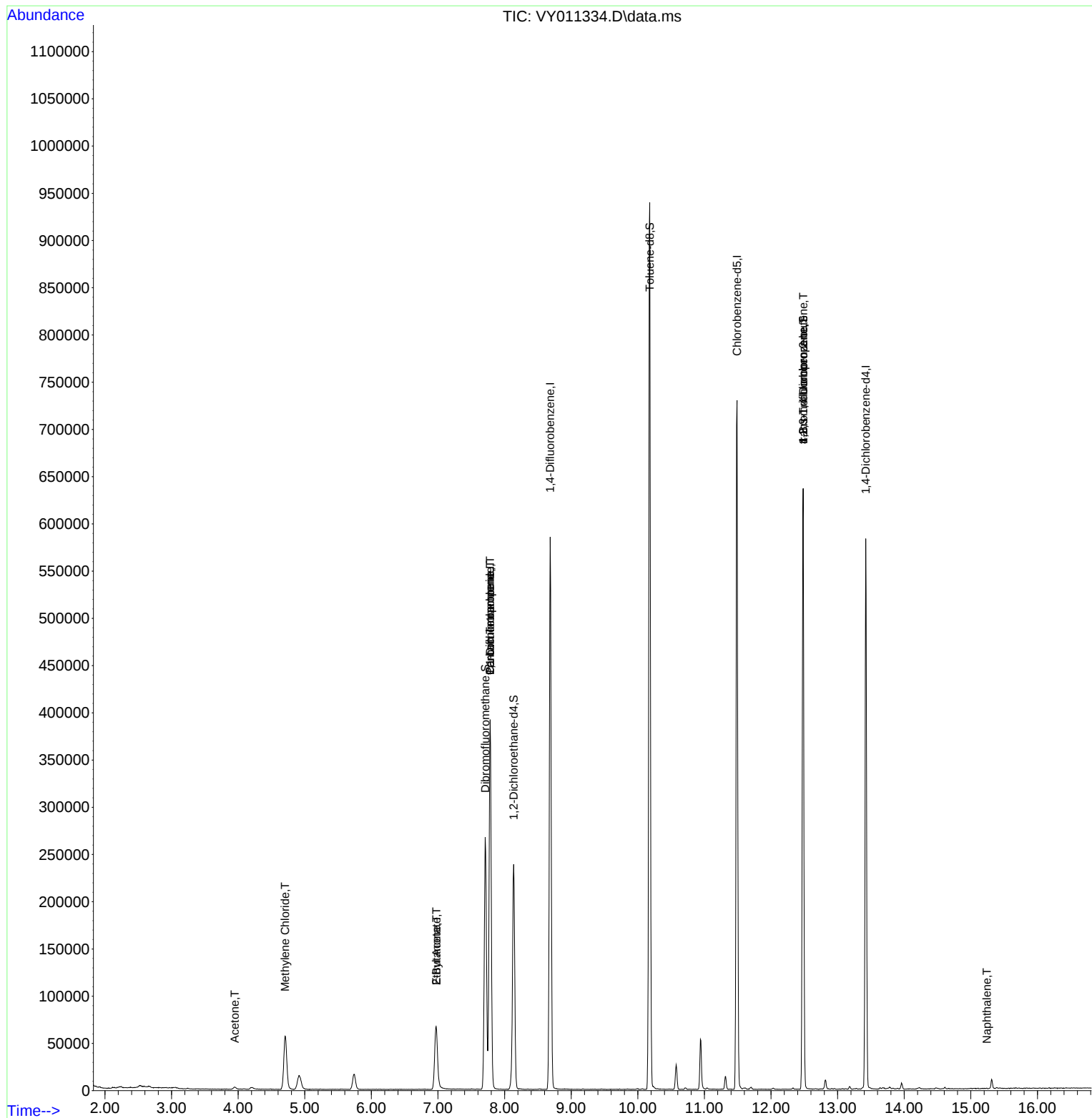
Internal Standards						
1) Pentafluorobenzene	7.783	168	315648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	512628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	421626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	180293	53.406	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.820%	
35) Dibromofluoromethane	7.710	113	190898	57.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.920%	
50) Toluene-d8	10.179	98	640839	50.113	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.483	95	198041	44.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	153	Below Cal	#	43
11) Tert butyl alcohol	4.918	59	14969	Below Cal	#	80
16) Acetone	3.948	43	4709	4.621	ug/l #	81
20) Methylene Chloride	4.704	84	47226	7.008	ug/l #	77
25) 2-Butanone	6.978	43	3721	2.595	ug/l	100
36) 1,1-Dichloropropene	7.783	75	22107	4.110	ug/l #	51
37) Ethyl Acetate	6.978	43	3721	1.283	ug/l #	1
38) Carbon Tetrachloride	7.783	117	29797	5.340	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	95200	50.321	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	95200	107.694	ug/l #	7
95) Naphthalene	15.239	128	314	4.011	ug/l #	69

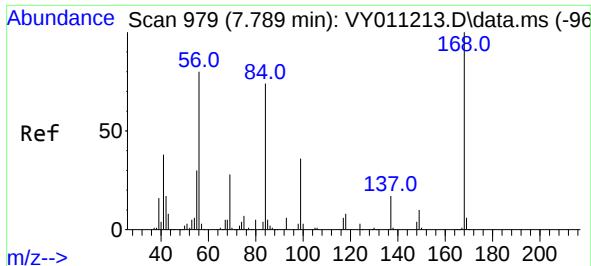
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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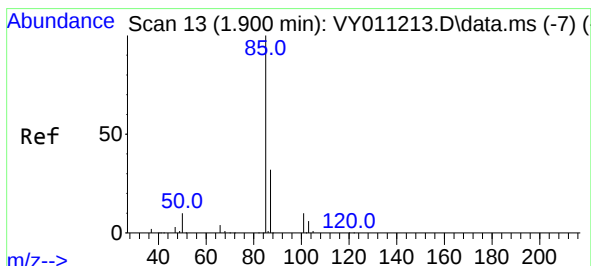
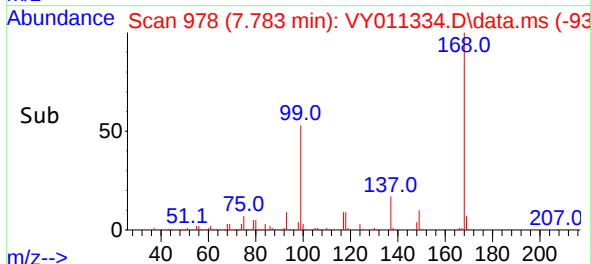
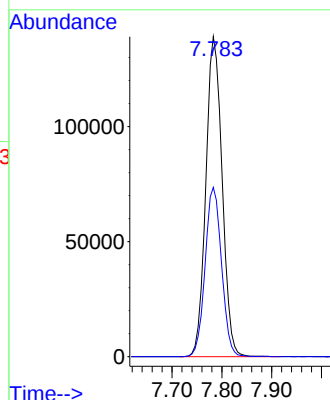
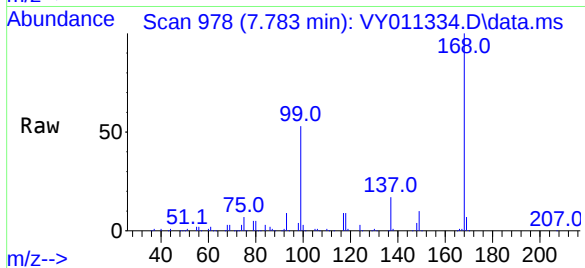




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

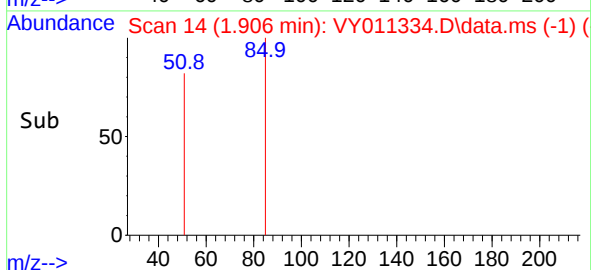
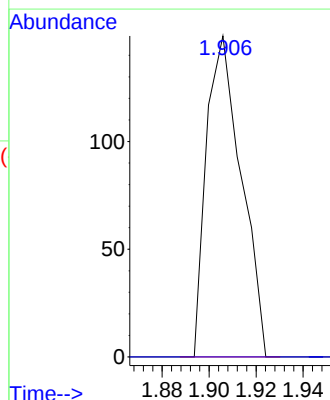
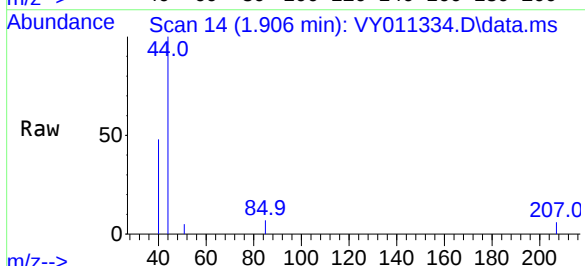
Instrument :
MSVOA_Y
ClientSampleId :
SB-31A

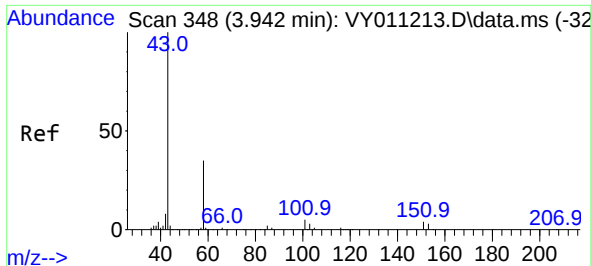
Tgt Ion:168 Resp: 315648
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

Tgt Ion: 85 Resp: 153
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

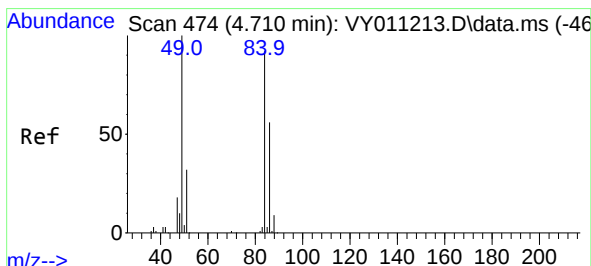
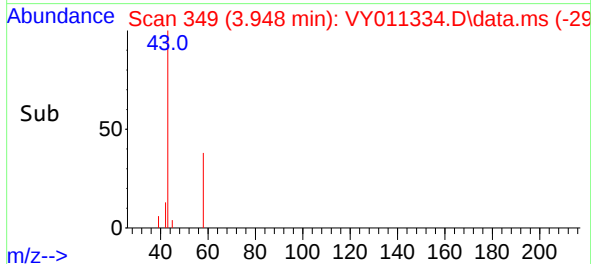
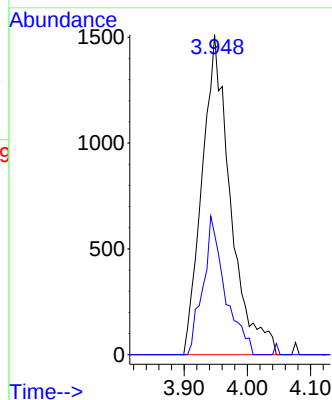
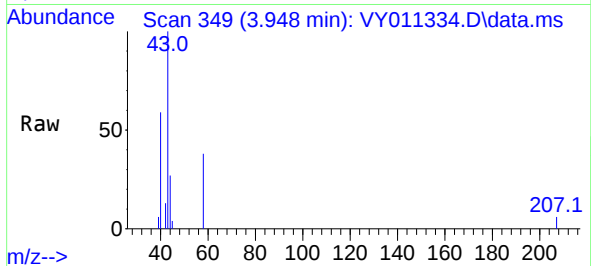




#16
Acetone
Concen: 4.621 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

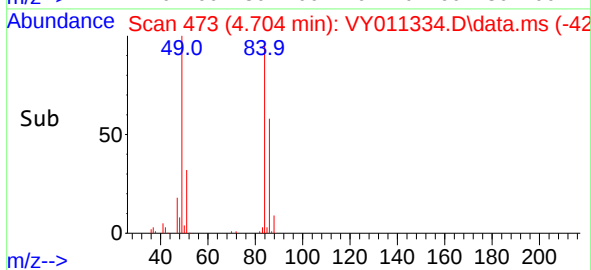
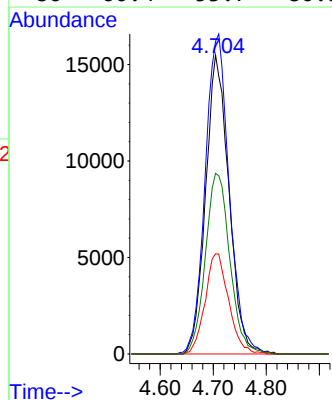
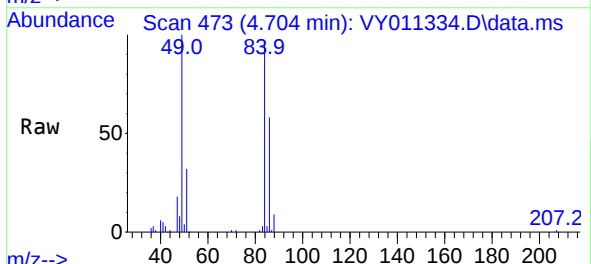
Instrument :
MSVOA_Y
ClientSampleId :
SB-31A

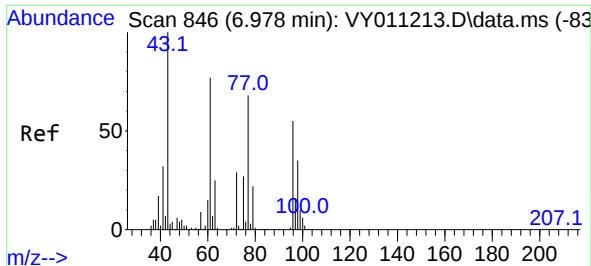
Tgt Ion: 43 Resp: 4709
Ion Ratio Lower Upper
43 100
58 37.6 22.0 33.0#



#20
Methylene Chloride
Concen: 7.008 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

Tgt Ion: 84 Resp: 47226
Ion Ratio Lower Upper
84 100
49 104.6 114.4 171.6#
51 33.5 35.3 52.9#
86 60.4 53.7 80.5

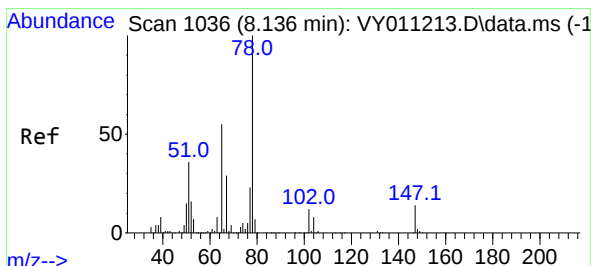
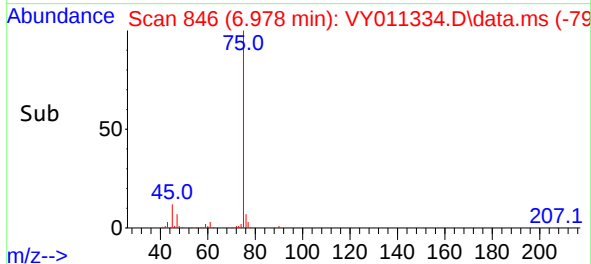
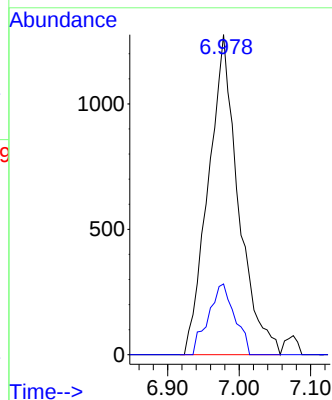
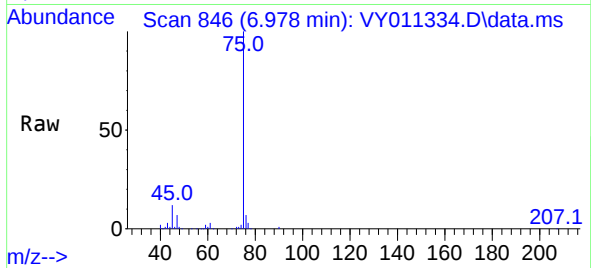




#25
2-Butanone
Concen: 2.595 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

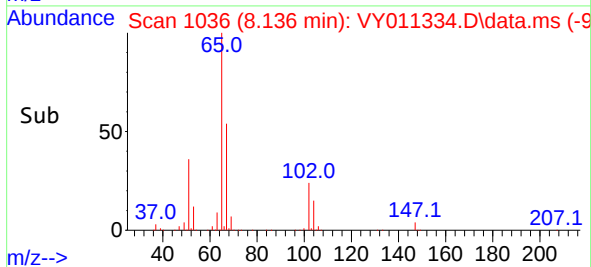
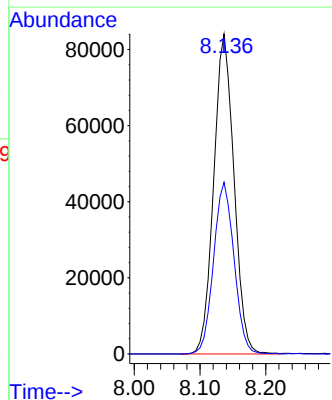
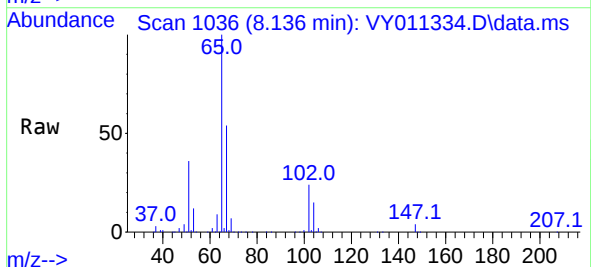
Instrument :
MSVOA_Y
ClientSampleId :
SB-31A

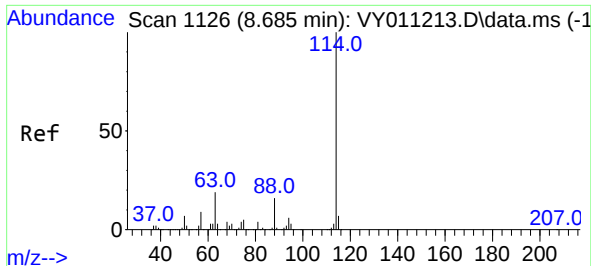
Tgt Ion: 43 Resp: 3721
Ion Ratio Lower Upper
43 100
72 22.1 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 53.406 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

Tgt Ion: 65 Resp: 180293
Ion Ratio Lower Upper
65 100
67 54.2 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: VY011334.D

Acq: 07 Nov 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-31A

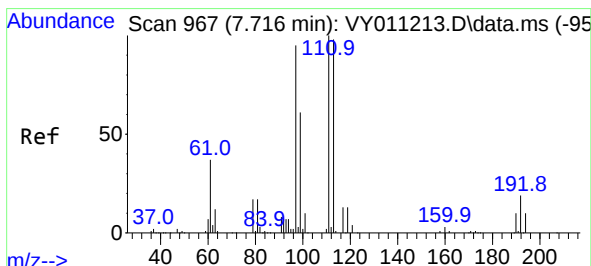
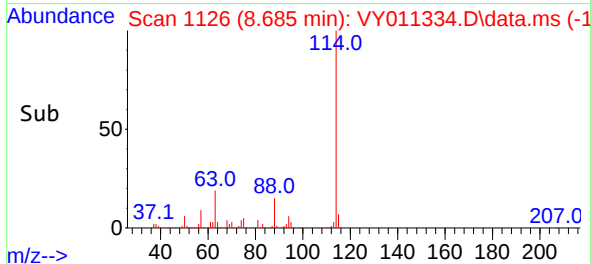
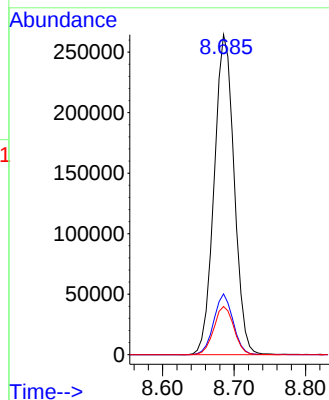
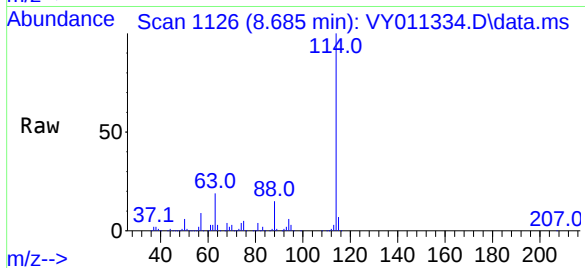
Tgt Ion:114 Resp: 512628

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.960 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011334.D

Acq: 07 Nov 2022 14:50

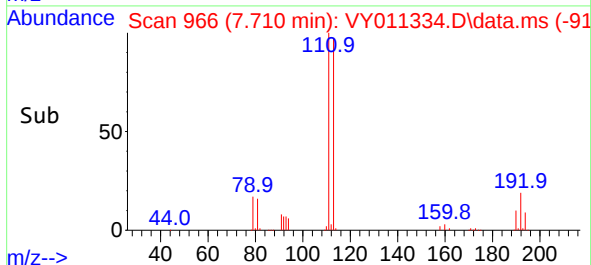
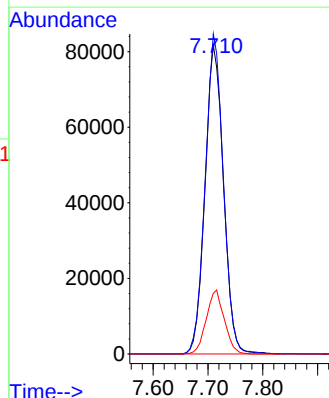
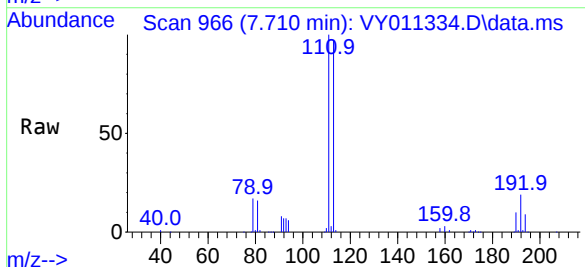
Tgt Ion:113 Resp: 190898

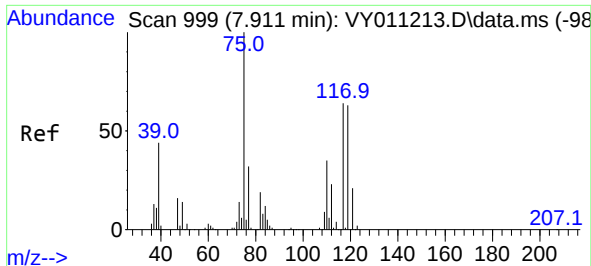
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 20.1 17.6 26.4

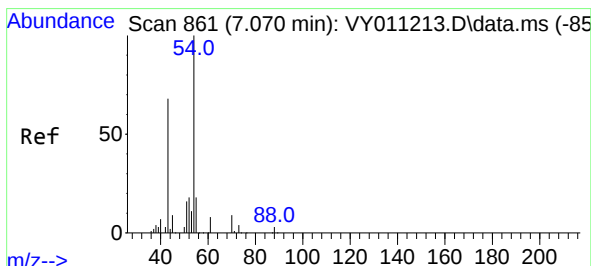
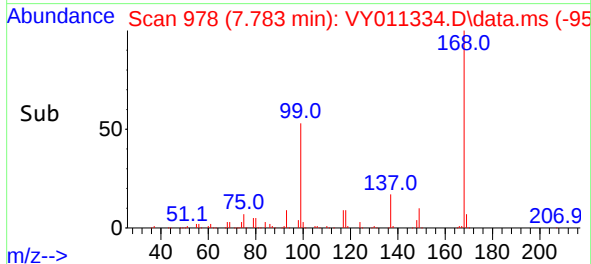
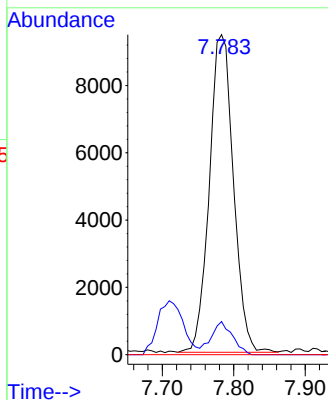
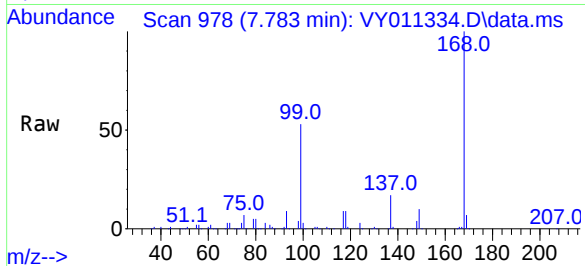




#36
1,1-Dichloropropene
Concen: 4.110 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

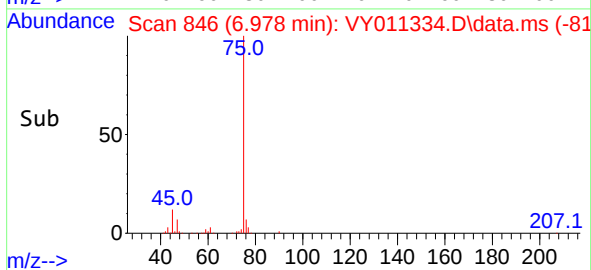
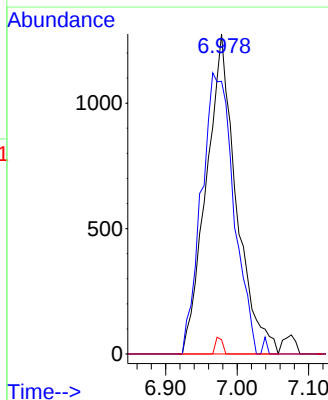
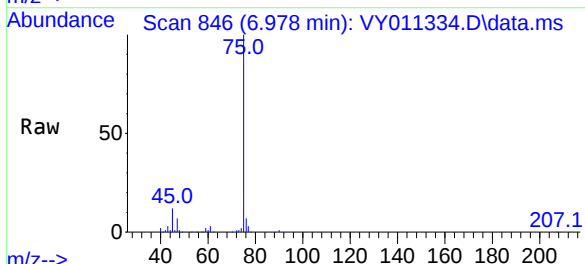
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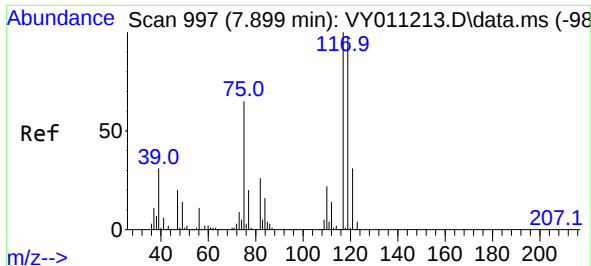
Tgt Ion: 75 Resp: 22107
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.283 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

Tgt Ion: 43 Resp: 3721
Ion Ratio Lower Upper
43 100
61 94.2 9.7 14.5#
70 1.2 7.1 10.7#

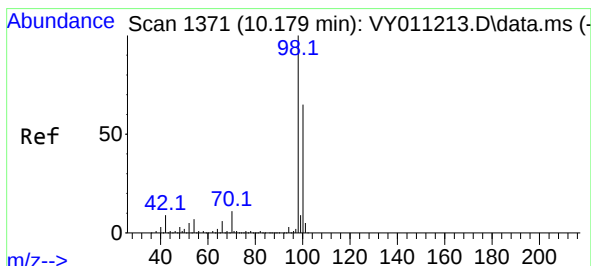
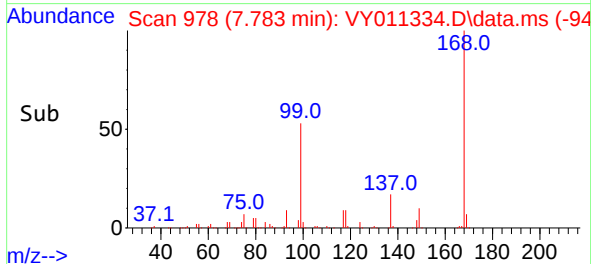
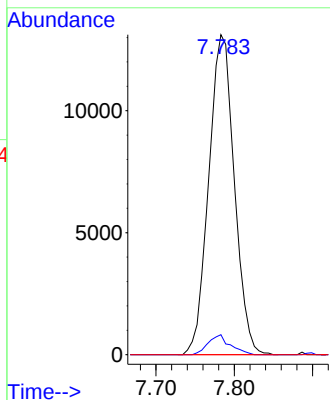
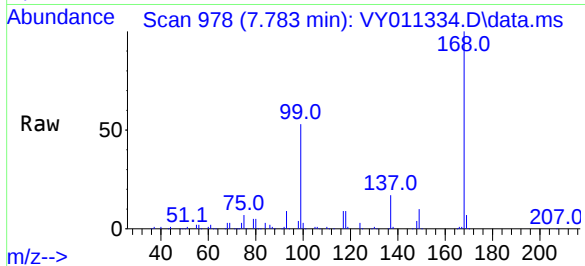




#38
Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

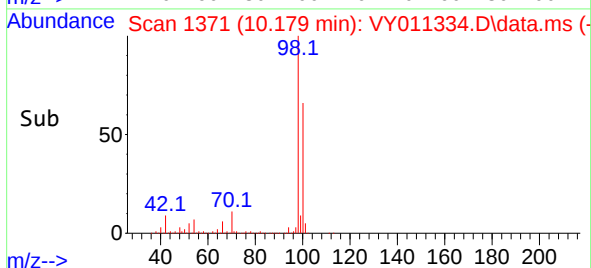
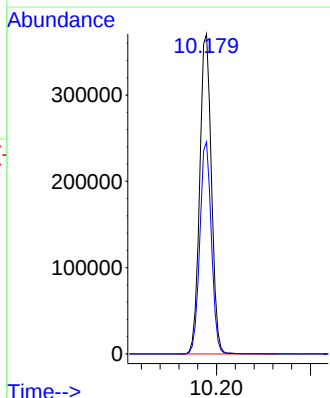
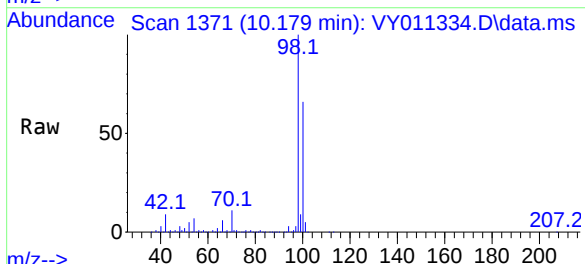
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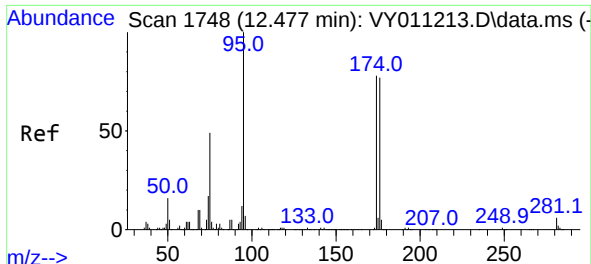
Tgt Ion:117 Resp: 29797
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.113 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

Tgt Ion: 98 Resp: 640839
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

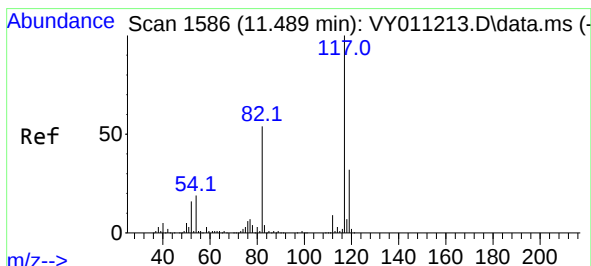
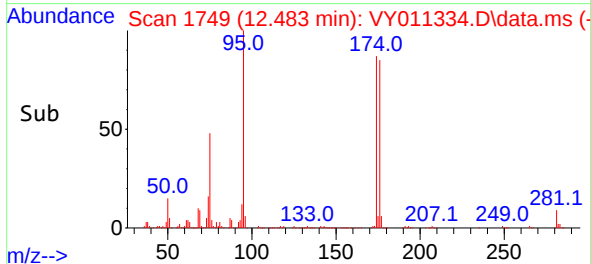
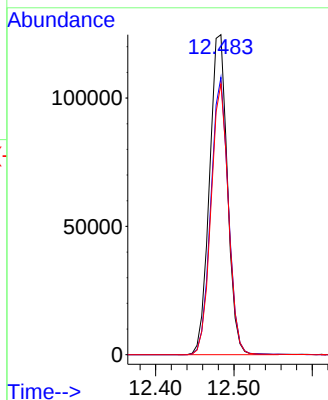
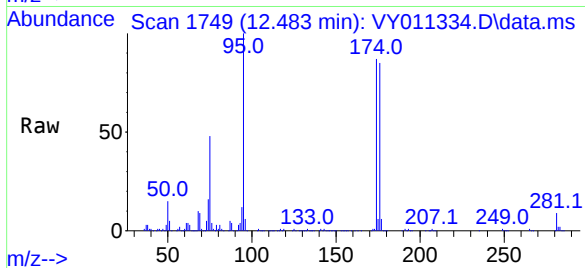




#62
4-Bromofluorobenzene
Concen: 44.610 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

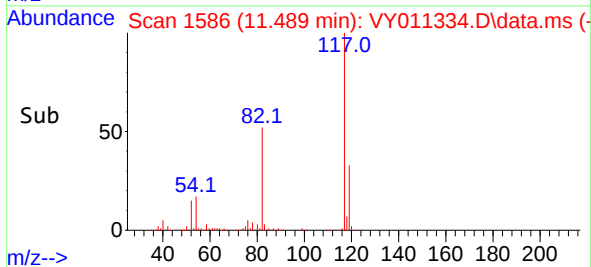
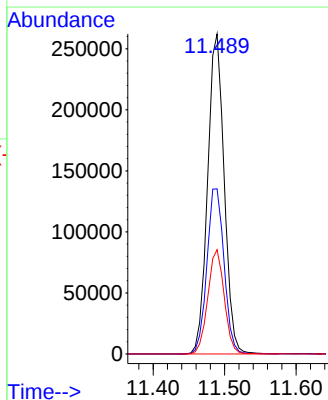
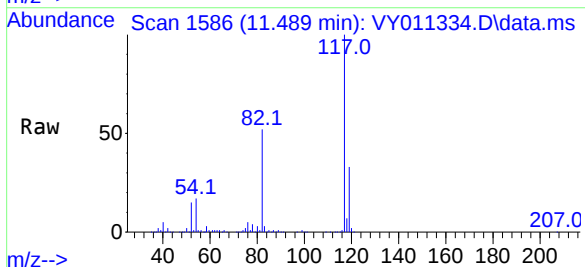
Instrument :
MSVOA_Y
ClientSampleId :
SB-31A

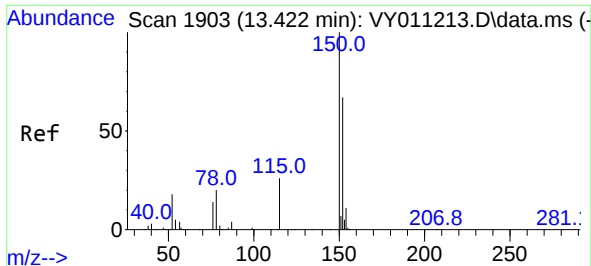
Tgt Ion: 95 Resp: 198041
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 82.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

Tgt Ion: 117 Resp: 421626
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 32.6 25.4 38.0



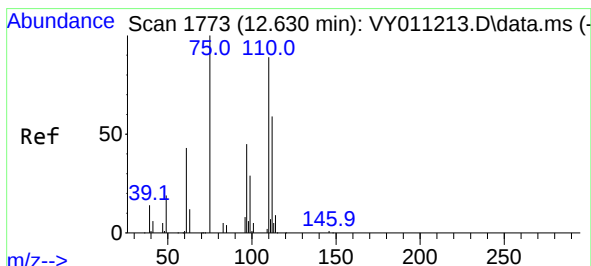
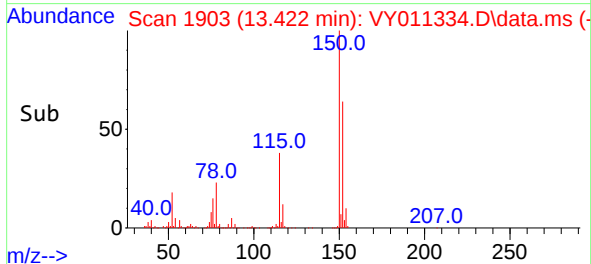
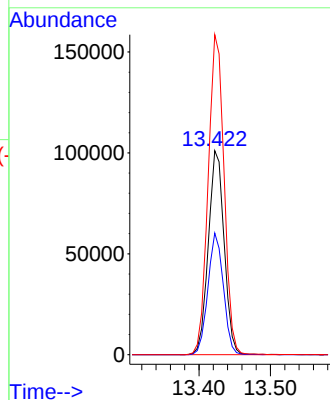
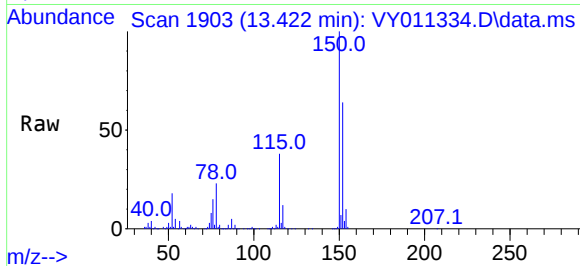


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011334.D
 Acq: 07 Nov 2022 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-31A

Tgt Ion:152 Resp: 155398

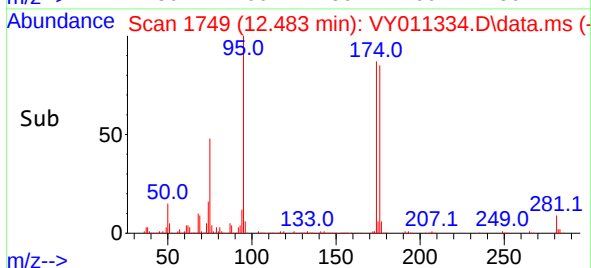
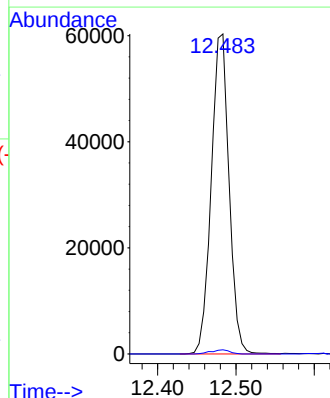
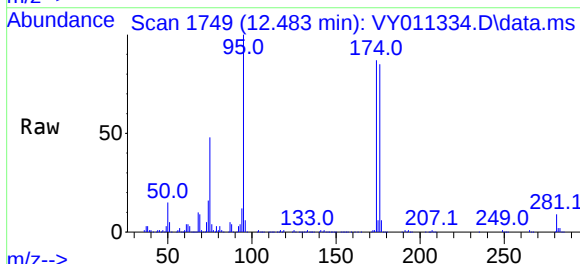
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.2	84.7
150	157.8	0.0	347.6

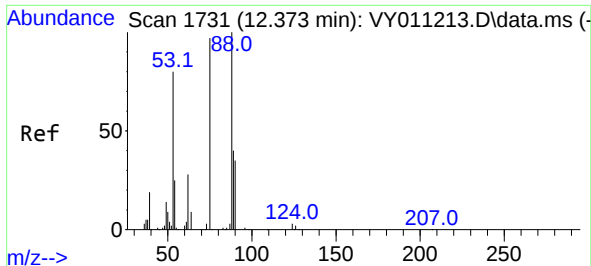


#76
 1,2,3-Trichloropropane
 Concen: 50.321 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY011334.D
 Acq: 07 Nov 2022 14:50

Tgt Ion: 75 Resp: 95200

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

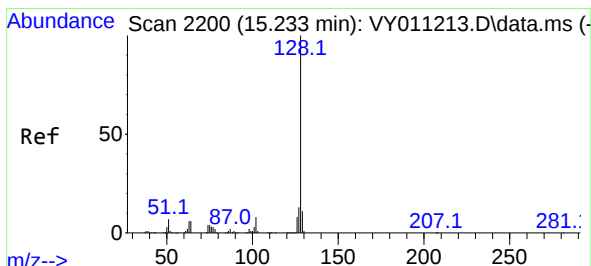
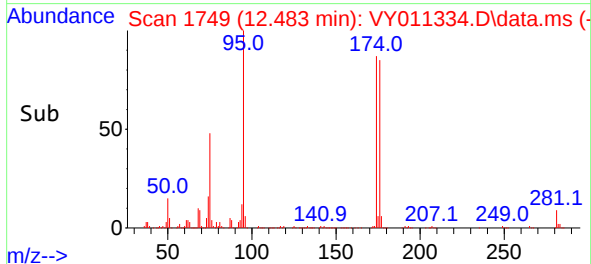
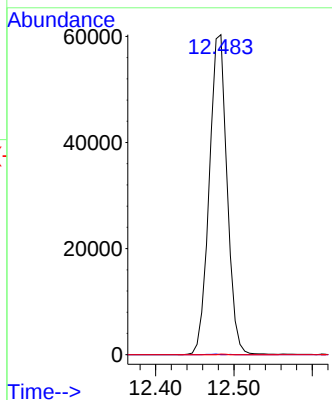
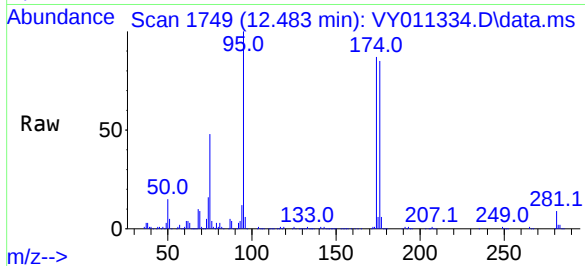




#81
trans-1,4-Dichloro-2-butene
Concen: 107.694 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
SB-31A

Tgt Ion: 75 Resp: 95200
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 4.011 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011334.D
Acq: 07 Nov 2022 14:50

Tgt Ion:128 Resp: 314
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

