

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021338.D
 Acq On : 26 Feb 2025 17:48
 Operator : SY/MD
 Sample : Q1415-03
 Misc : 7.33g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-163-SB02

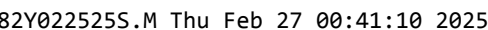
Quant Time: Feb 27 00:40:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

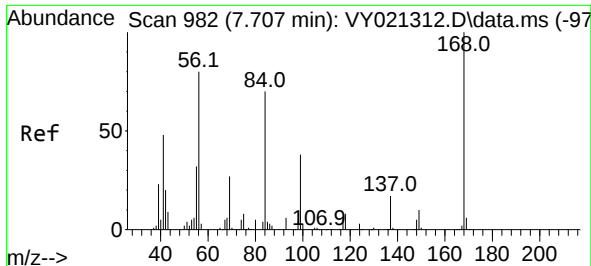
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	278202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	557389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	583706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	249107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	174903	55.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.840%	
35) Dibromofluoromethane	7.634	113	184126	50.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.780%	
50) Toluene-d8	10.103	98	709070	50.207	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.408	95	267792	56.342	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.680%	
Target Compounds						Qvalue
16) Acetone	3.866	43	41560	68.650	ug/l	98
20) Methylene Chloride	4.616	84	3286	1.004	ug/l #	93
25) 2-Butanone	6.890	43	17344	18.983	ug/l	97
31) Cyclohexane	7.707	56	6734	1.210	ug/l #	28
36) 1,1-Dichloropropene	7.701	75	22823	4.158	ug/l #	51
37) Ethyl Acetate	6.890	43	17344	6.352	ug/l #	70
38) Carbon Tetrachloride	7.707	117	28429	4.607	ug/l #	17
53) t-1,3-Dichloropropene	10.493	75	19009	3.645	ug/l #	46
59) 2-Hexanone	10.725	43	2799	1.575	ug/l #	26
68) m/p-Xylenes	11.621	106	10321	1.182	ug/l	98
74) N-amyl acetate	12.048	43	14282	3.000	ug/l #	66
76) 1,2,3-Trichloropropane	12.408	75	152377	61.111	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	152377	135.829	ug/l #	10

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

Quant Time: Feb 27 00:40:58 2025
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Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

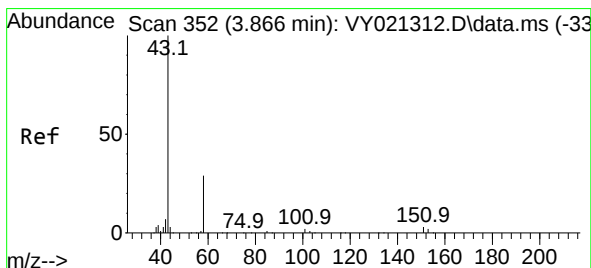
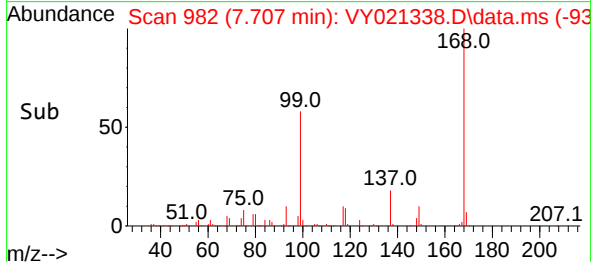
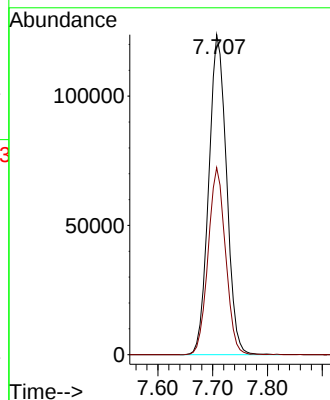
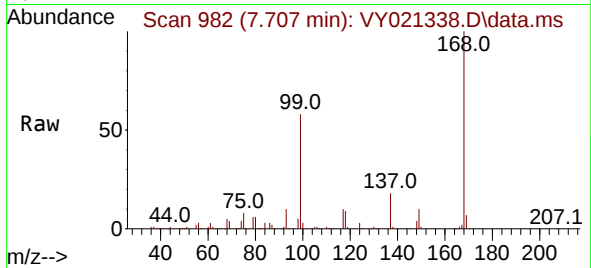




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

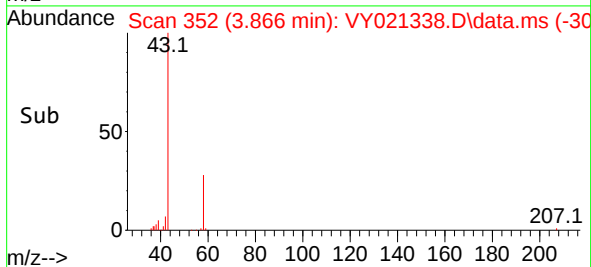
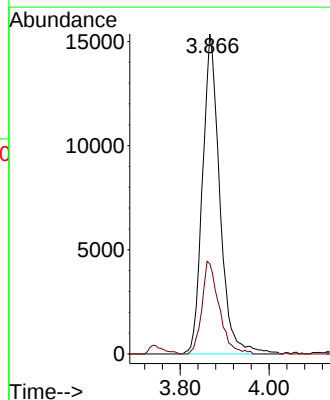
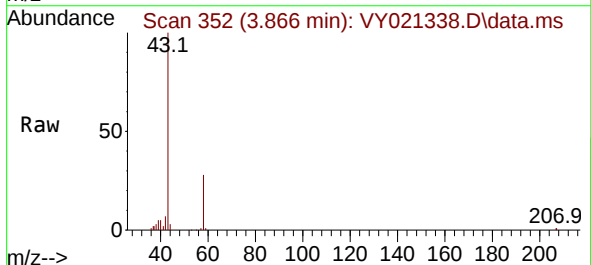
Instrument :
MSVOA_Y
ClientSampleId :
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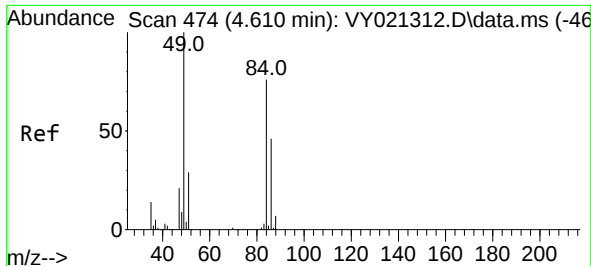
Tgt Ion:168 Resp: 278202
Ion Ratio Lower Upper
168 100
99 58.4 47.1 70.7



#16
Acetone
Concen: 68.650 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion: 43 Resp: 41560
Ion Ratio Lower Upper
43 100
58 28.2 23.5 35.3

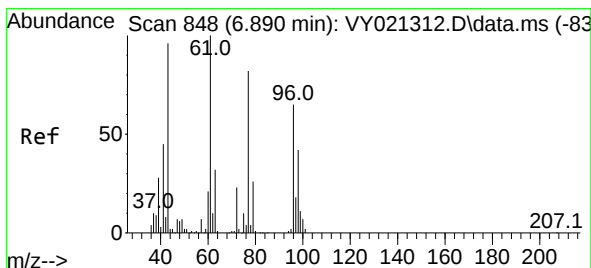
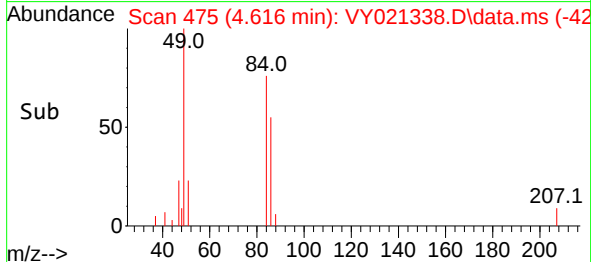
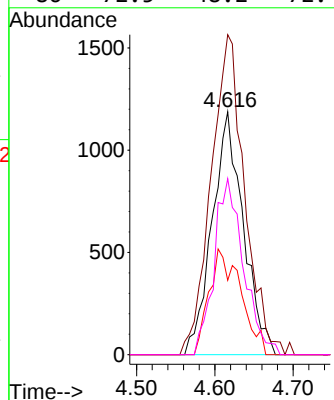
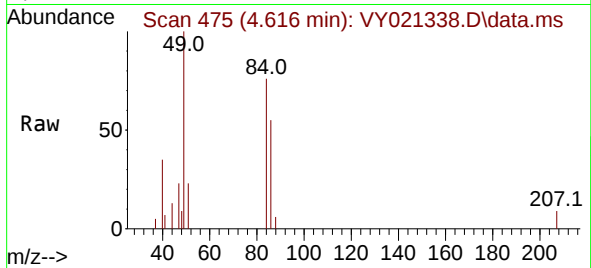




#20
Methylene Chloride
Concen: 1.004 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

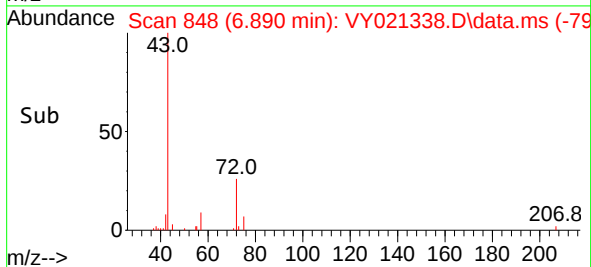
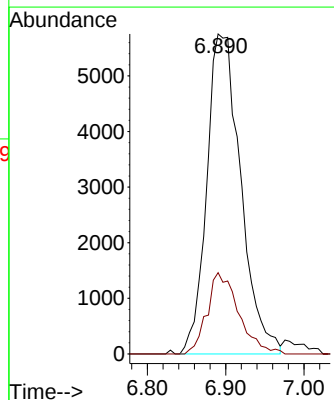
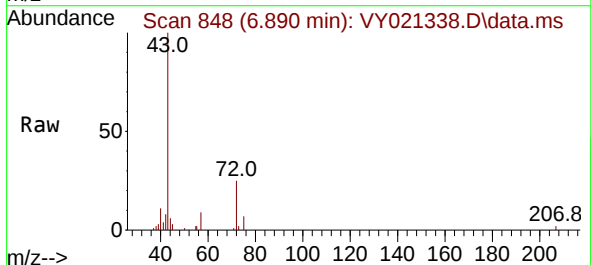
Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02

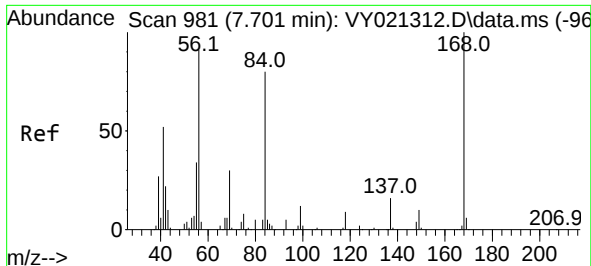
Tgt Ion: 84 Resp: 3286
Ion Ratio Lower Upper
84 100
49 131.7 105.1 157.7
51 30.6 31.0 46.4#
86 72.5 48.2 72.4#



#25
2-Butanone
Concen: 18.983 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion: 43 Resp: 17344
Ion Ratio Lower Upper
43 100
72 25.4 19.0 28.6

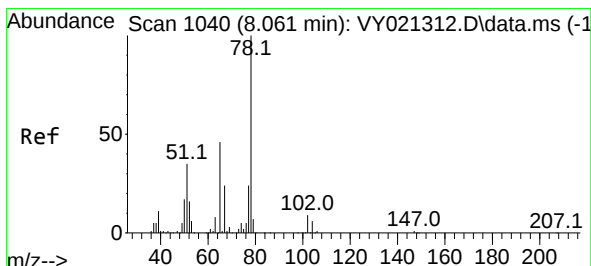
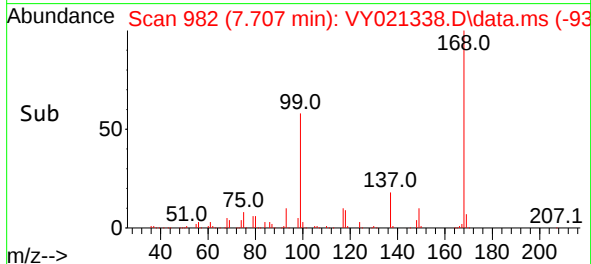
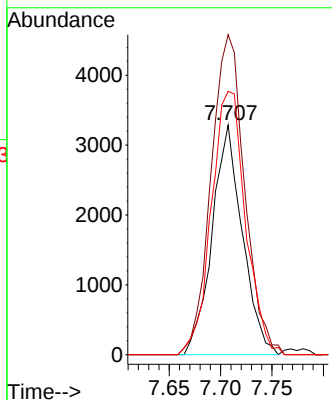
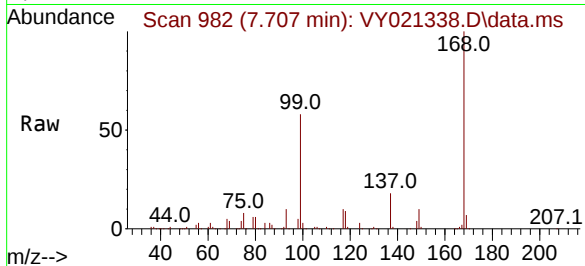




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

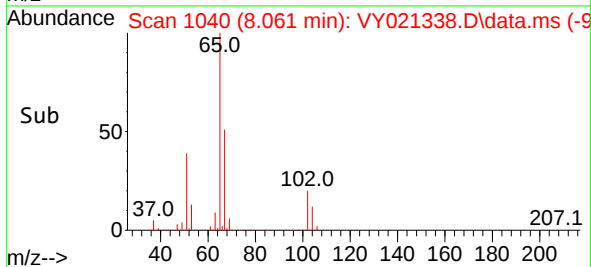
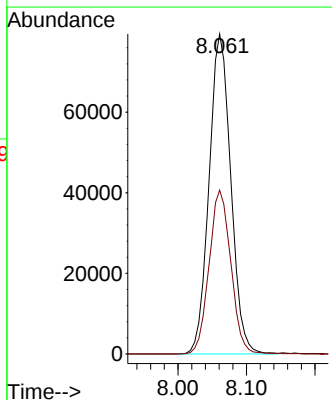
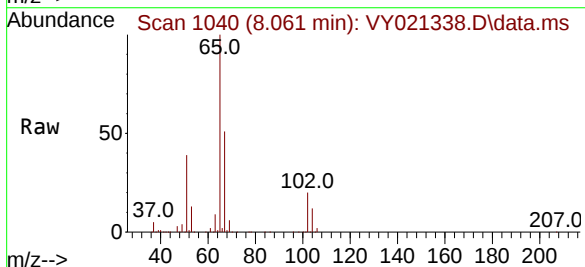
Instrument :
MSVOA_Y
ClientSampleId :
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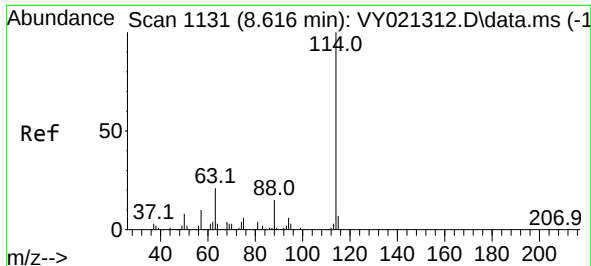
Tgt Ion: 56 Resp: 6734
Ion Ratio Lower Upper
56 100
69 139.3 26.2 39.4#
84 114.7 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 55.420 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion: 65 Resp: 174903
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.6

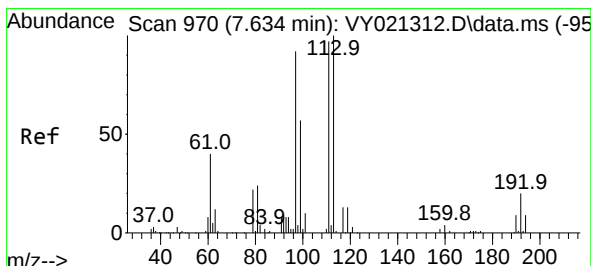
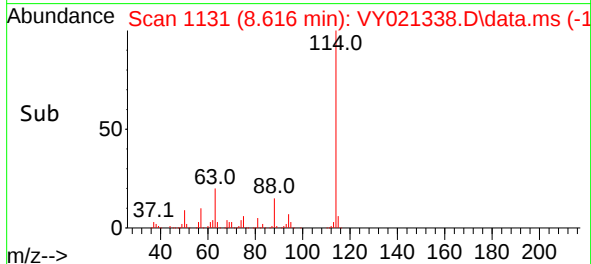
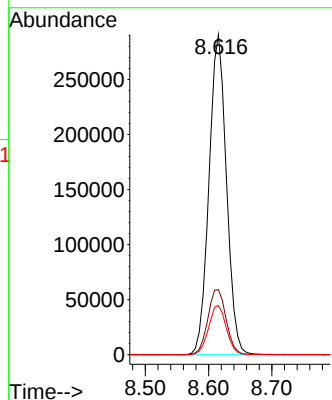
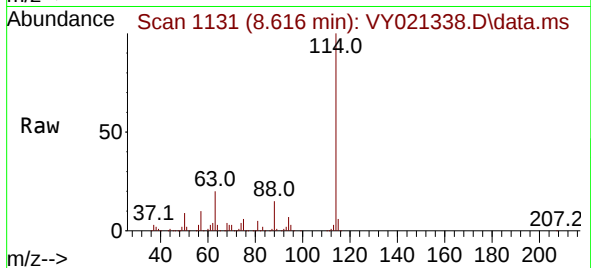




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

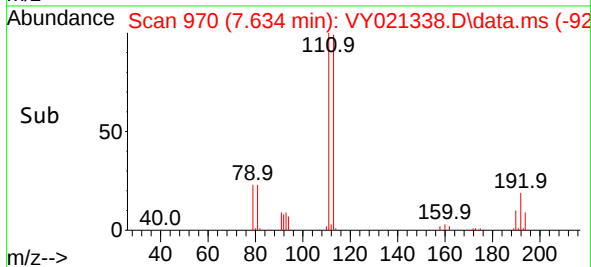
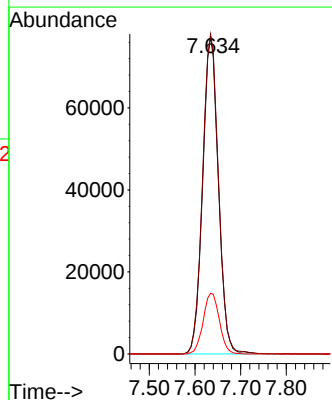
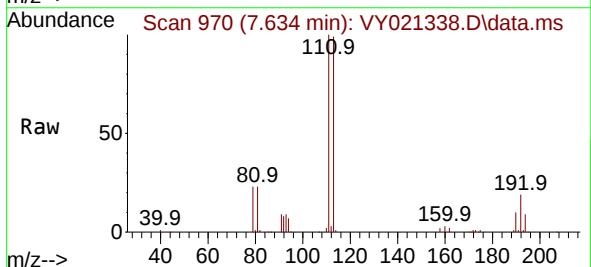
Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02

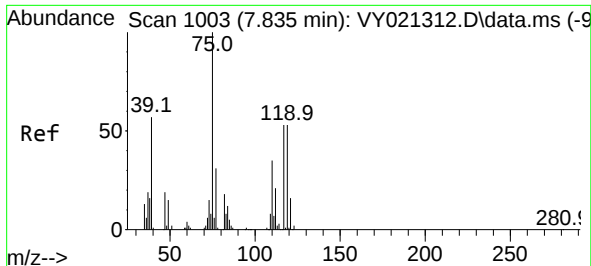
Tgt Ion:114 Resp: 557389
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.2
88 15.3 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.386 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion:113 Resp: 184126
Ion Ratio Lower Upper
113 100
111 102.3 81.0 121.6
192 19.8 15.8 23.8





#36

1,1-Dichloropropene

Concen: 4.158 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY021338.D

Acq: 26 Feb 2025 17:48

Instrument :

MSVOA_Y

ClientSampleId :

B-163-SB02

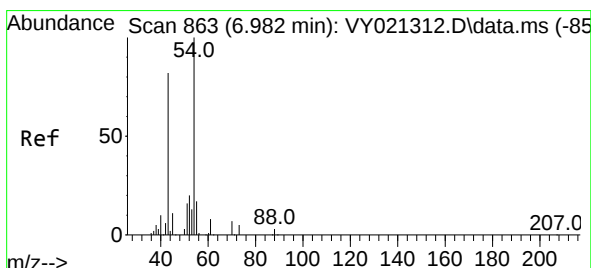
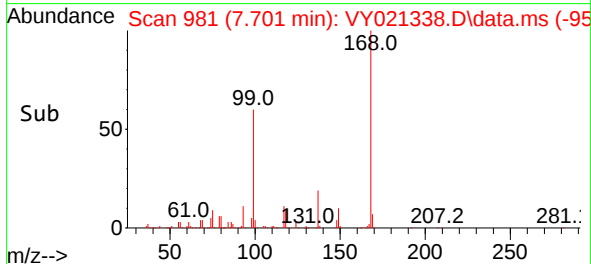
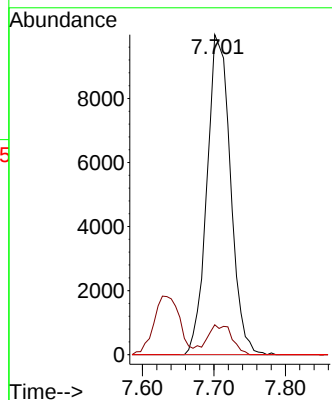
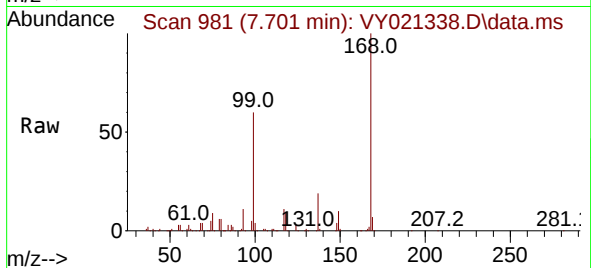
Tgt Ion: 75 Resp: 22823

Ion Ratio Lower Upper

75 100

110 10.0 16.9 50.7#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 6.352 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.091 min

Lab File: VY021338.D

Acq: 26 Feb 2025 17:48

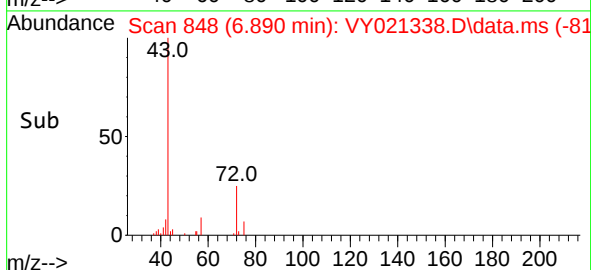
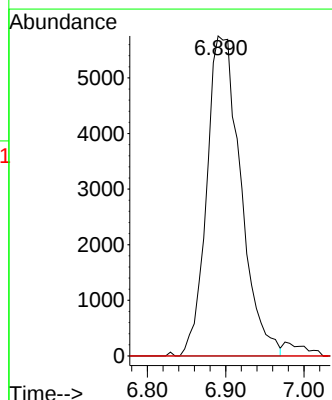
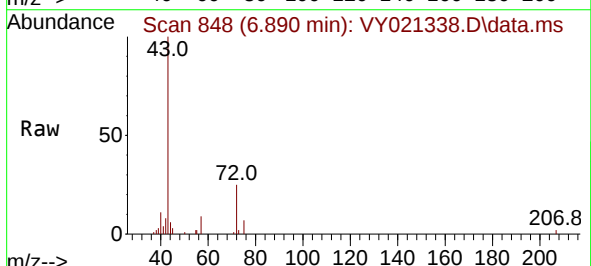
Tgt Ion: 43 Resp: 17344

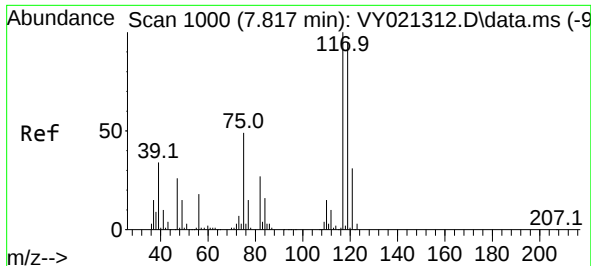
Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

70 0.0 7.5 11.3#

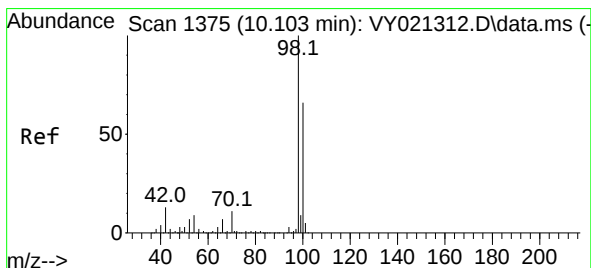
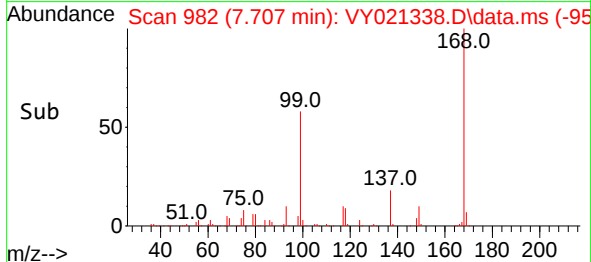
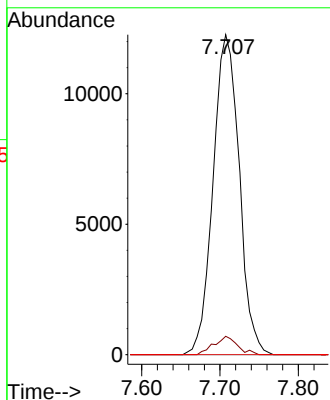
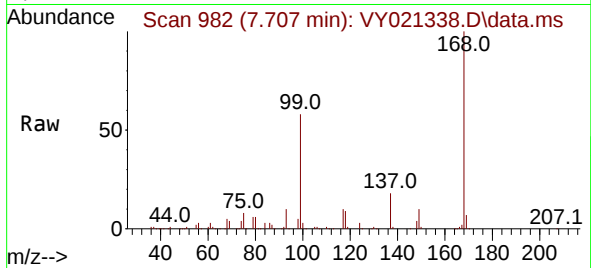




#38
Carbon Tetrachloride
Concen: 4.607 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

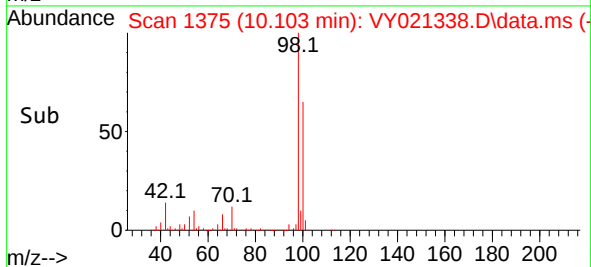
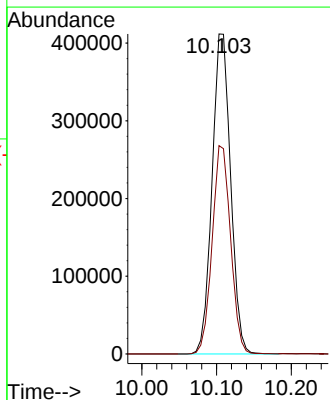
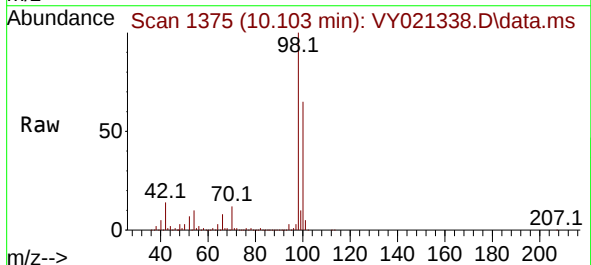
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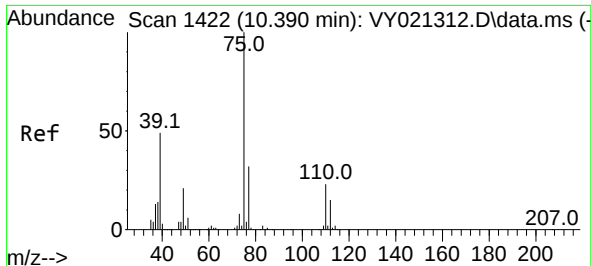
Tgt Ion:117 Resp: 28429
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 50.207 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion: 98 Resp: 709070
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6

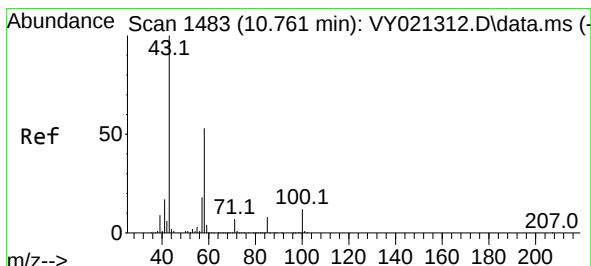
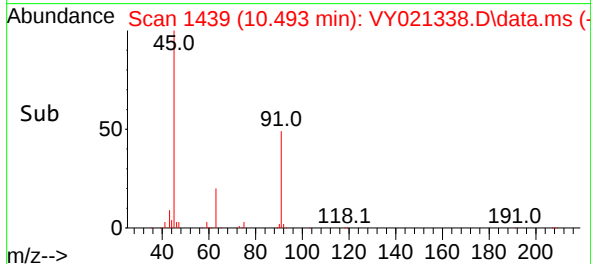
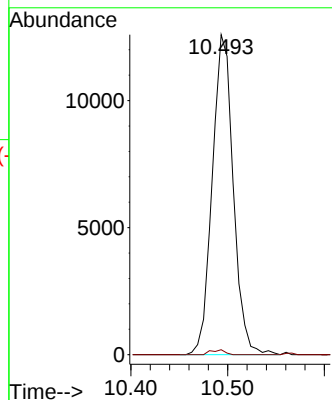
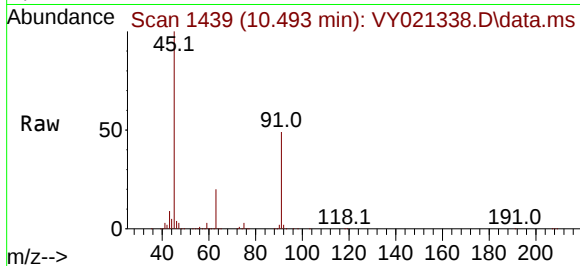




#53
t-1,3-Dichloropropene
Concen: 3.645 ug/l
RT: 10.493 min Scan# 1422
Delta R.T. 0.104 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

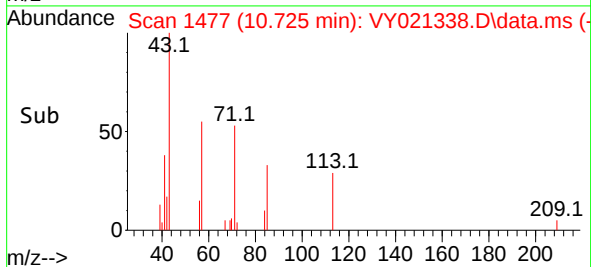
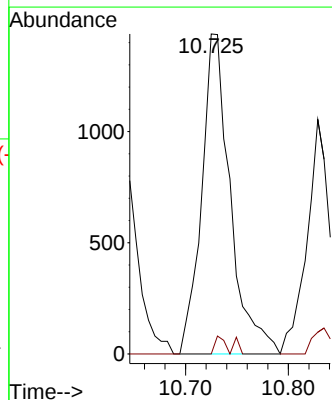
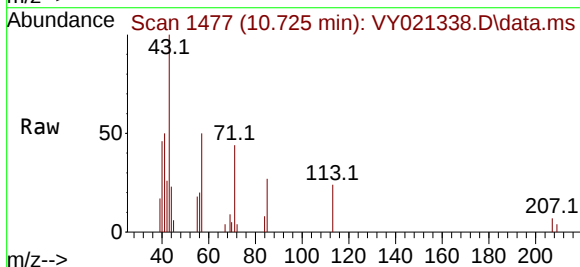
Instrument :
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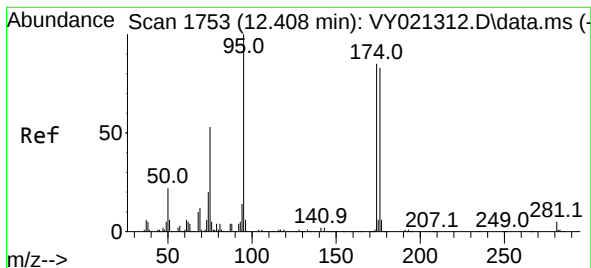
Tgt Ion: 75 Resp: 19009
Ion Ratio Lower Upper
75 100
77 1.6 25.3 37.9#



#59
2-Hexanone
Concen: 1.575 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. -0.037 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion: 43 Resp: 2799
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.6#

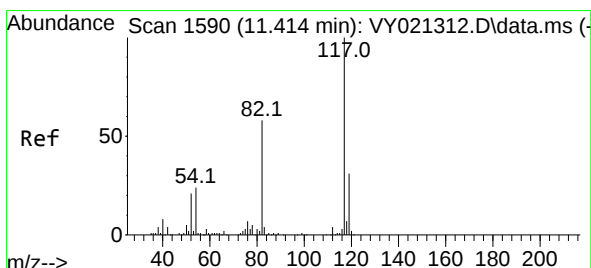
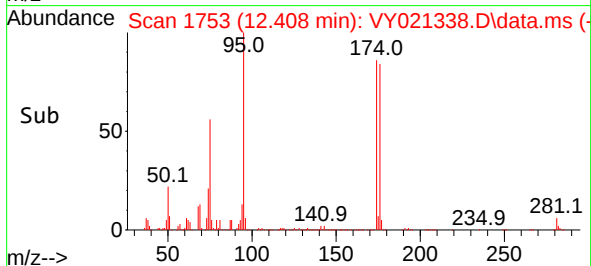
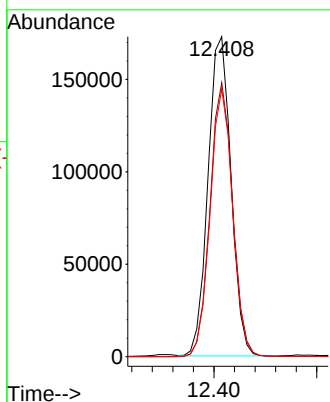
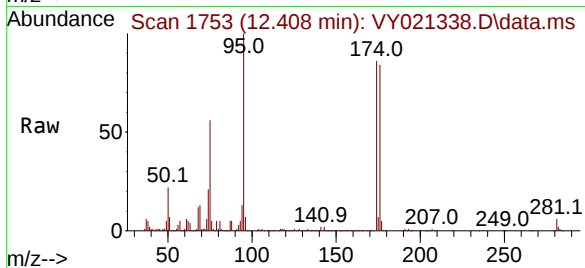




#62
4-Bromofluorobenzene
Concen: 56.342 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

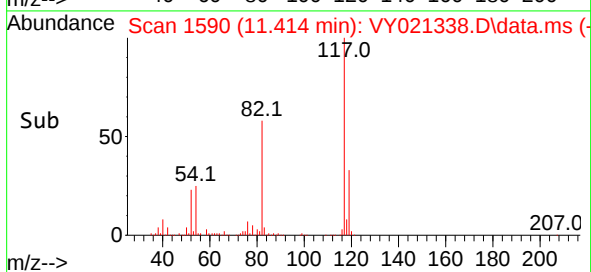
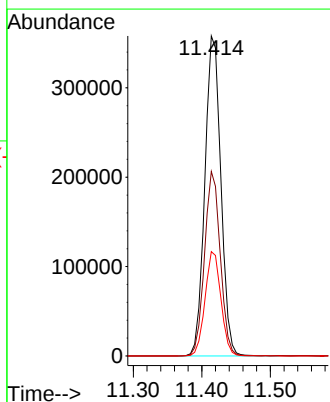
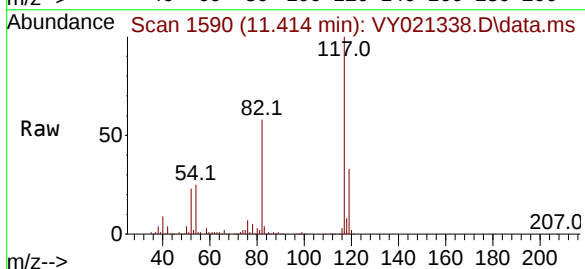
Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02

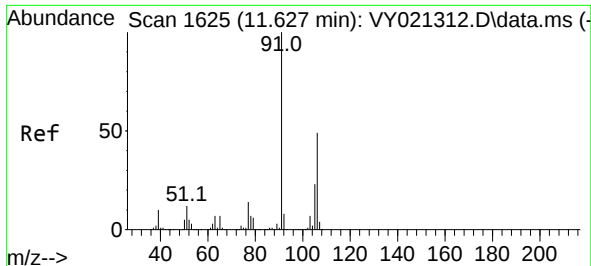
Tgt Ion: 95 Resp: 267792
Ion Ratio Lower Upper
95 100
174 84.3 0.0 168.0
176 82.1 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion: 117 Resp: 583706
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.6 24.9 37.3

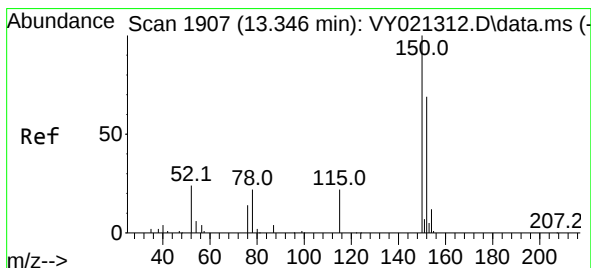
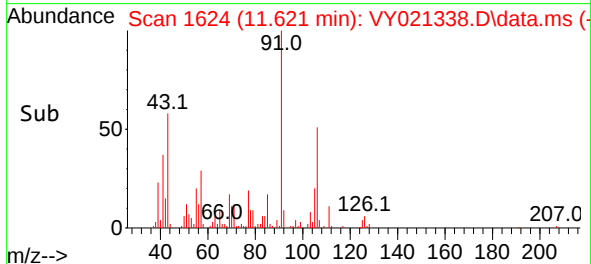
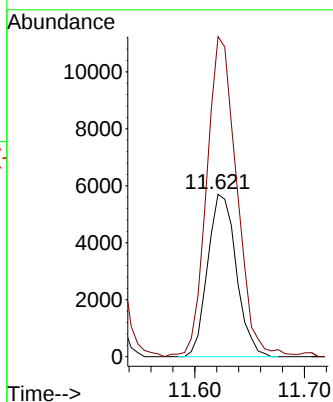
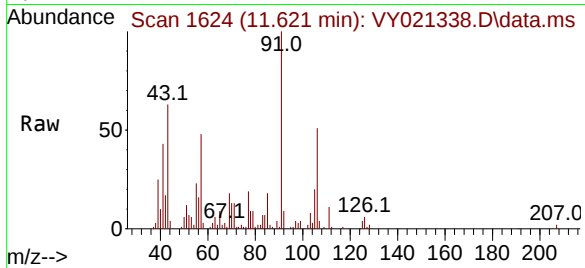




#68
m/p-Xylenes
Concen: 1.182 ug/l
RT: 11.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

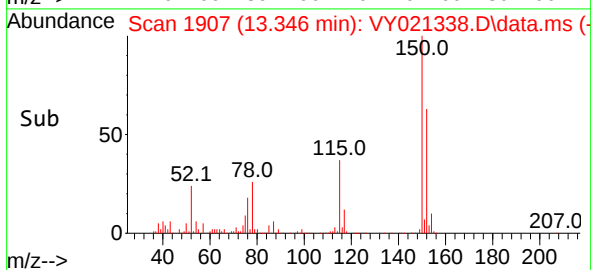
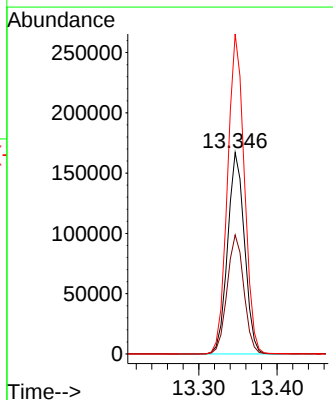
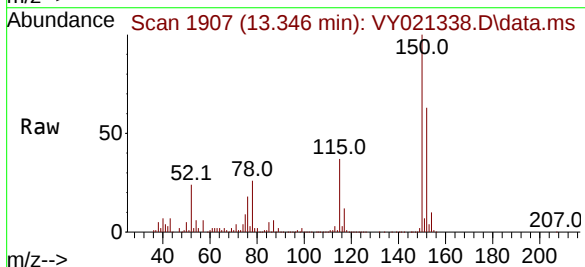
Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02

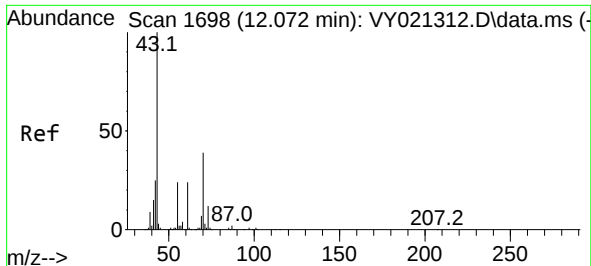
Tgt Ion:106 Resp: 10321
Ion Ratio Lower Upper
106 100
91 207.8 163.9 245.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion:152 Resp: 249107
Ion Ratio Lower Upper
152 100
115 59.0 29.3 88.0
150 158.7 0.0 347.4

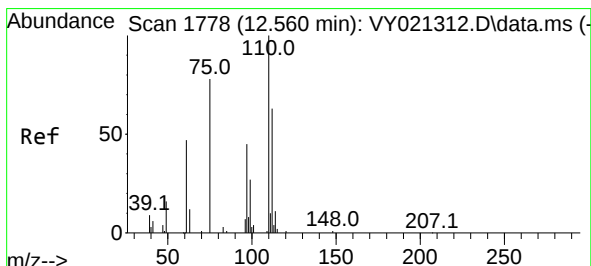
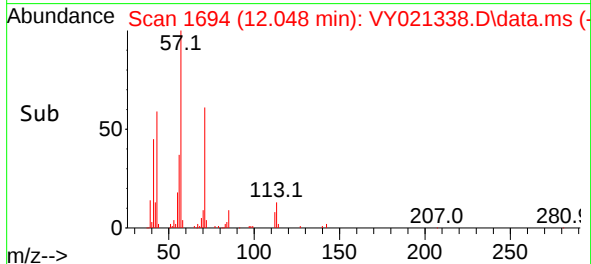
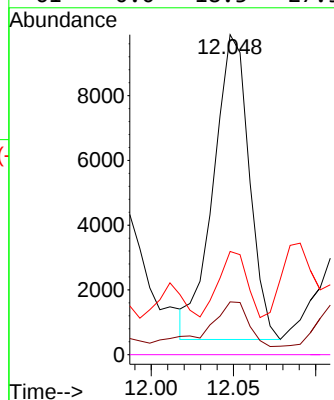
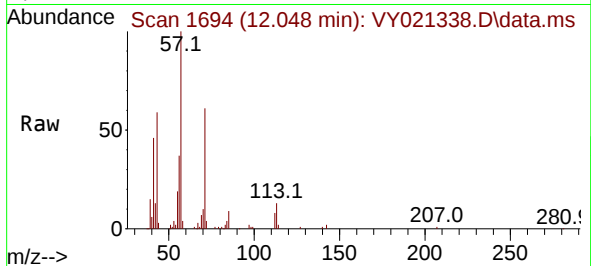




#74
N-amy1 acetate
Concen: 3.000 ug/l
RT: 12.048 min Scan# 1753
Delta R.T. -0.024 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

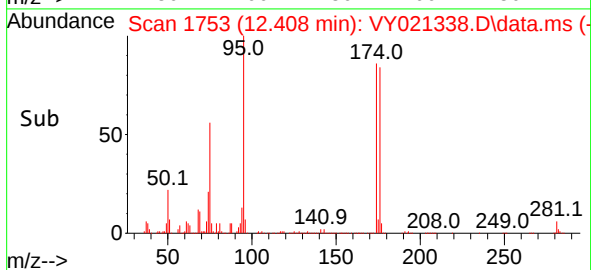
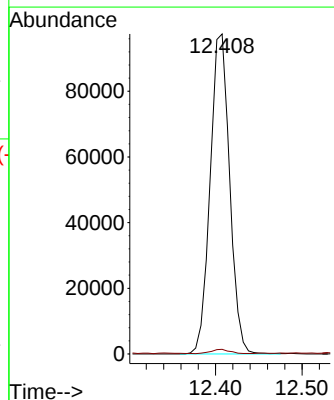
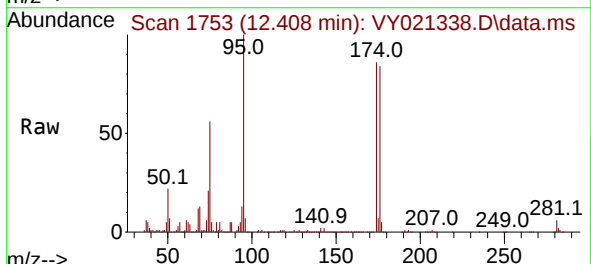
Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02

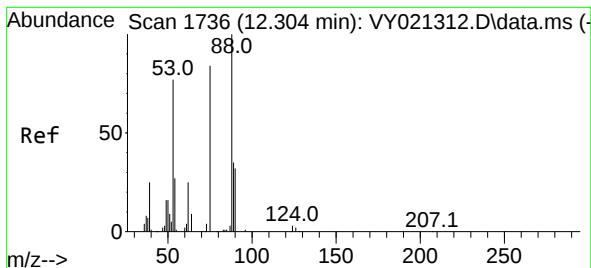
Tgt Ion: 43	Resp: 14282
Ion Ratio	Lower Upper
43	100
70	16.4 32.2 48.2#
55	16.8 19.6 29.4#
61	0.0 18.3 27.5#



#76
1,2,3-Trichloropropane
Concen: 61.111 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion: 75	Resp: 152377
Ion Ratio	Lower Upper
75	100
77	1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 135.829 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY021338.D

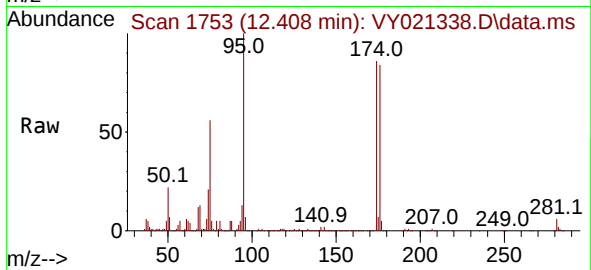
Acq: 26 Feb 2025 17:48

Instrument :

MSVOA_Y

ClientSampleId :

B-163-SB02



Tgt Ion: 75 Resp: 152377

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

89 0.0 35.6 53.4#

