

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021523.D
 Acq On : 13 Mar 2025 14:21
 Operator : SY/MD
 Sample : Q1556-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-031225

Quant Time: Mar 14 14:56:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	1127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1241	104.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 208.360%#	
35) Dibromofluoromethane	7.634	113	842	72.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 145.160%	
50) Toluene-d8	10.103	98	1545	35.172	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 70.340%	
62) 4-Bromofluorobenzene	12.402	95	195	13.050	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 26.100%#	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.086	85	19	1.837	ug/l #	43
3) Chloromethane	2.068	50	203	13.922	ug/l #	66
4) Vinyl Chloride	2.190	62	64	4.017	ug/l #	4
5) Bromomethane	2.629	94	134	11.636	ug/l #	70
6) Chloroethane	2.745	64	53	5.033	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	3.720	101	23	1.811	ug/l #	18
10) Methyl Iodide	4.019	142	348	26.961	ug/l #	55
11) Tert butyl alcohol	4.702	59	30	17.807	ug/l #	72
12) 1,1-Dichloroethene	3.891	96	30	2.591	ug/l #	1
13) Acrolein	3.903	56	22	36.311	ug/l #	10
14) Allyl chloride	4.458	41	22	1.176	ug/l #	1
15) Acrylonitrile	5.269	53	22	8.385	ug/l #	12
16) Acetone	3.854	43	63	24.249	ug/l #	1
18) Methyl Acetate	4.354	43	59	10.235	ug/l #	51
19) Methyl tert-butyl Ether	4.939	73	52	1.772	ug/l #	53
20) Methylene Chloride	4.635	84	25	1.833	ug/l #	5
21) trans-1,2-Dichloroethene	4.909	96	25	1.928	ug/l #	1
23) Vinyl Acetate	6.122	43	47	2.043	ug/l #	72
25) 2-Butanone	7.043	43	40	11.130	ug/l #	48
27) cis-1,2-Dichloroethene	6.878	96	33	2.241	ug/l #	1
28) Bromochloromethane	7.220	49	27	2.706	ug/l #	14
29) Tetrahydrofuran	7.323	42	23	10.366	ug/l #	33
30) Chloroform	7.433	83	40	1.619	ug/l #	17
31) Cyclohexane	7.555	56	27	1.210	ug/l #	15
36) 1,1-Dichloropropene	7.719	75	25	1.377	ug/l #	41
37) Ethyl Acetate	7.043	43	40	4.983	ug/l #	68
38) Carbon Tetrachloride	7.701	117	25	1.197	ug/l #	12
41) Methacrylonitrile	7.213	41	38	8.695	ug/l #	24
42) 1,2-Dichloroethane	7.963	62	19	1.270	ug/l #	75
43) Isopropyl Acetate	8.037	43	23	1.476	ug/l #	52
48) Methyl methacrylate	9.183	41	22	3.075	ug/l #	1
51) 4-Methyl-2-Pentanone	10.012	43	19	2.363	ug/l #	36
57) 1,3-Dichloropropane	10.920	76	20	1.245	ug/l #	42
59) 2-Hexanone	10.829	43	95	17.871	ug/l #	24
61) 1,2-Dibromoethane	11.188	107	23	2.630	ug/l #	2
74) N-amyl acetate	12.139	43	33	18.912	ug/l #	1

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ALS Vial : 9 Sample Multiplier: 1

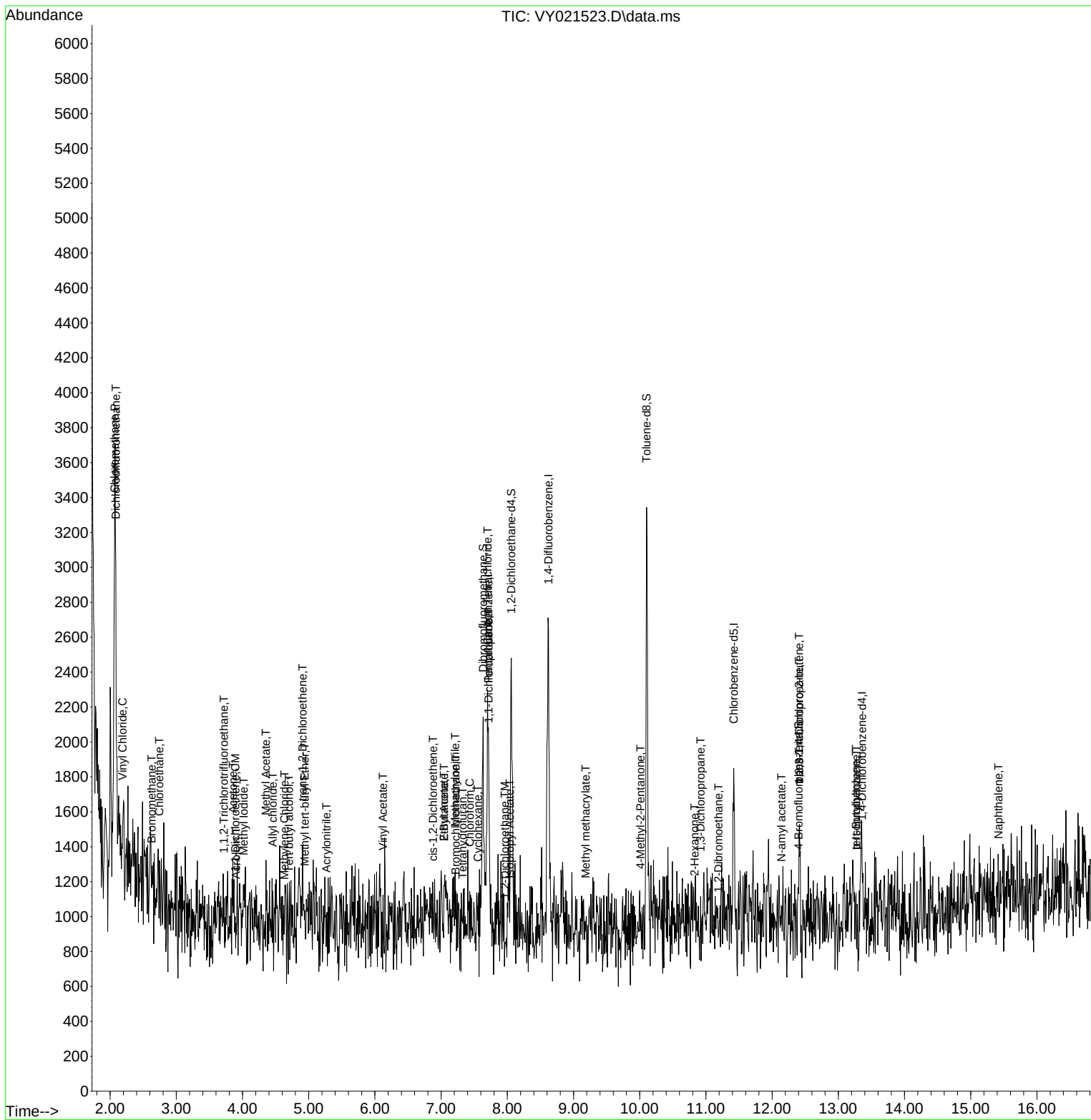
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

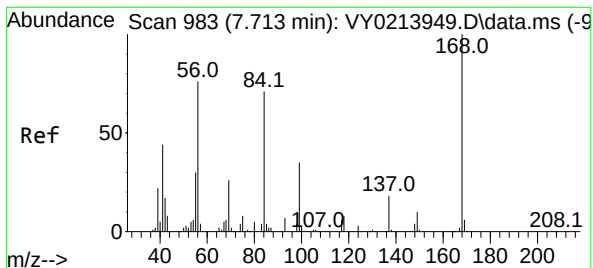
Quant Time: Mar 14 14:56:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.408	75	89	86.590	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	89	196.845	ug/l #	9
83) tert-Butylbenzene	13.267	119	22	3.777	ug/l #	26
86) p-Isopropyltoluene	13.267	119	22	3.081	ug/l #	50
95) Naphthalene	15.419	128	29	11.729	ug/l #	69

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

Instrument :

MSVOA_Y

ClientSampleId :

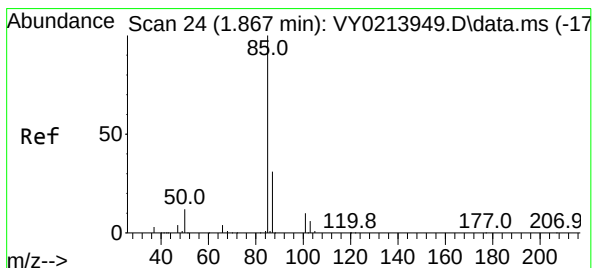
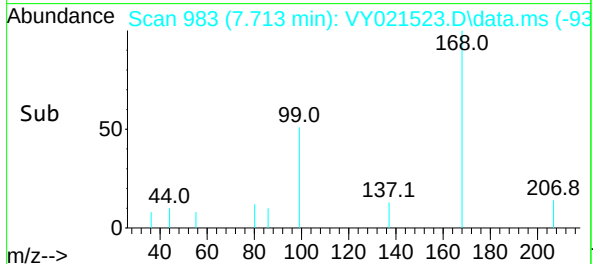
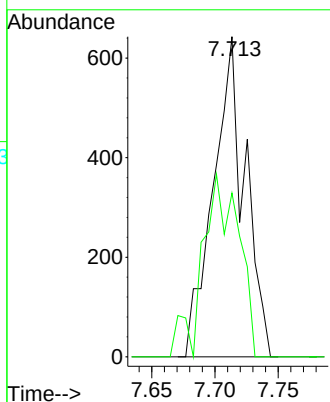
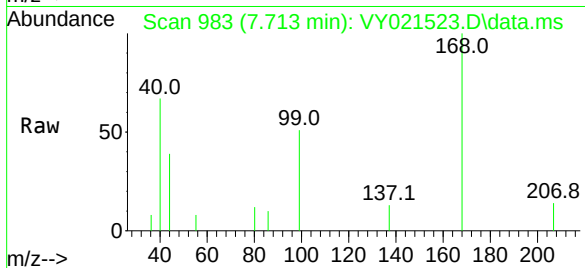
OR-02-031225

Tgt Ion:168 Resp: 1127

Ion Ratio Lower Upper

168 100

99 51.2 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 1.837 ug/l

RT: 2.086 min Scan# 60

Delta R.T. 0.220 min

Lab File: VY021523.D

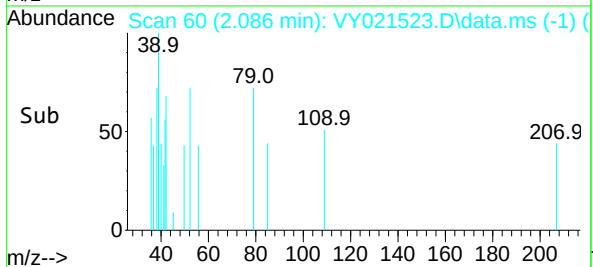
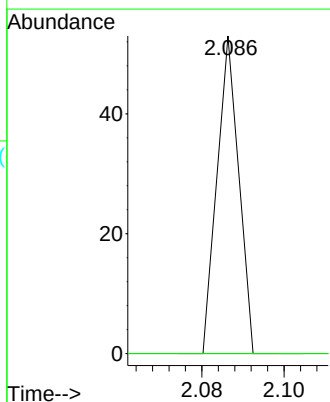
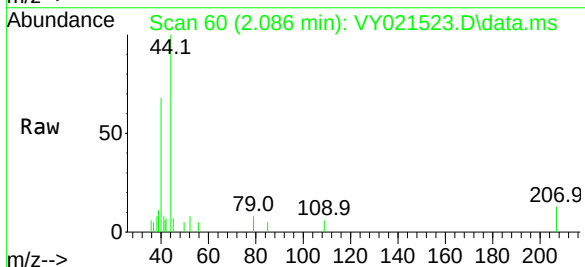
Acq: 13 Mar 2025 14:21

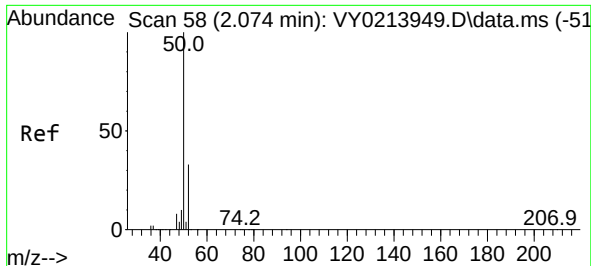
Tgt Ion: 85 Resp: 19

Ion Ratio Lower Upper

85 100

87 0.0 15.7 47.0#

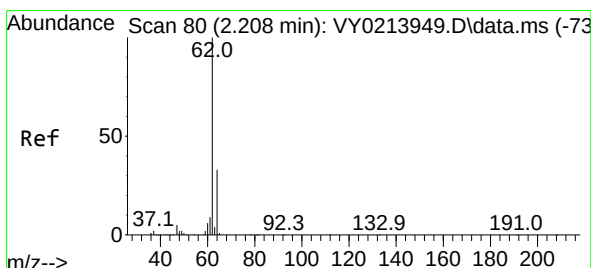
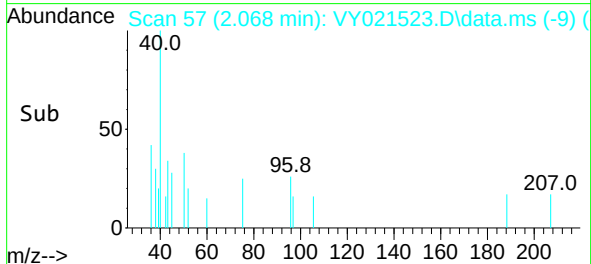
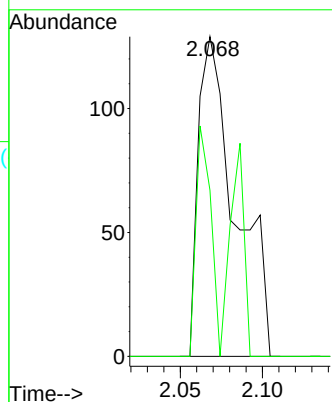
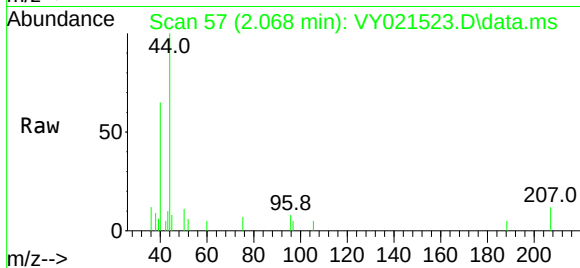




#3
Chloromethane
Concen: 13.922 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

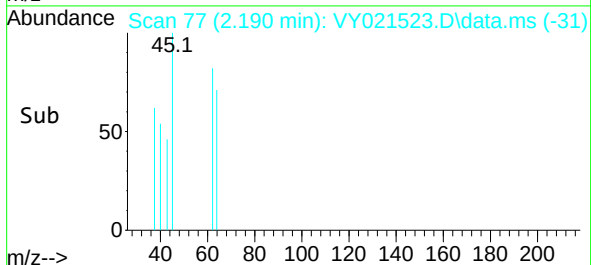
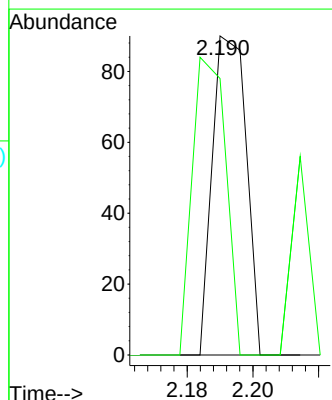
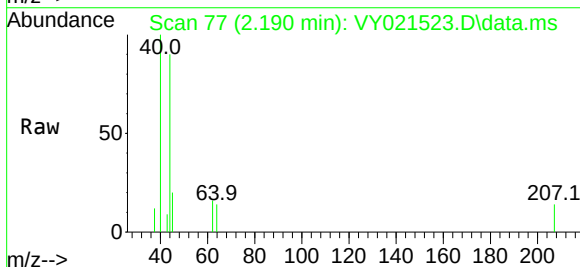
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

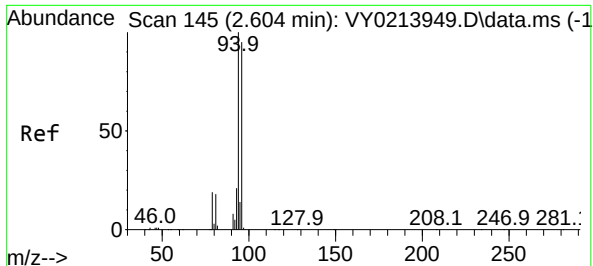
Tgt Ion: 50 Resp: 203
Ion Ratio Lower Upper
50 100
52 51.9 26.2 39.2#



#4
Vinyl Chloride
Concen: 4.017 ug/l
RT: 2.190 min Scan# 77
Delta R.T. -0.018 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Tgt Ion: 62 Resp: 64
Ion Ratio Lower Upper
62 100
64 86.7 26.2 39.2#

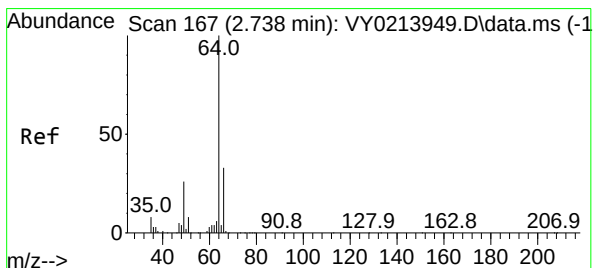
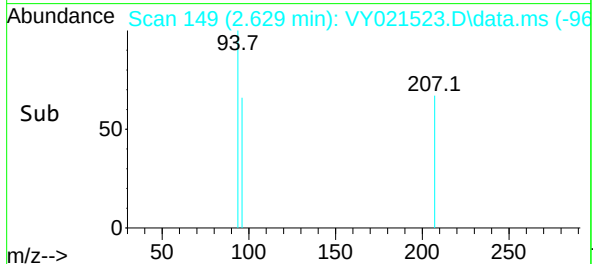
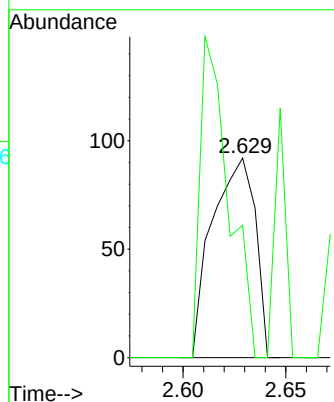
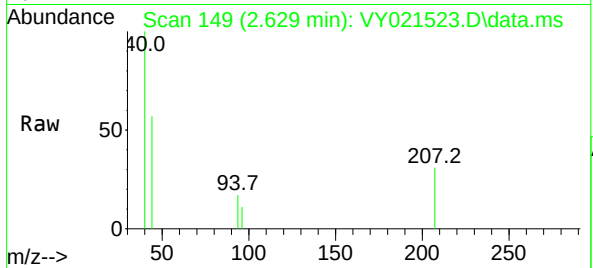




#5
Bromomethane
Concen: 11.636 ug/l
RT: 2.629 min Scan# 145
Delta R.T. 0.025 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

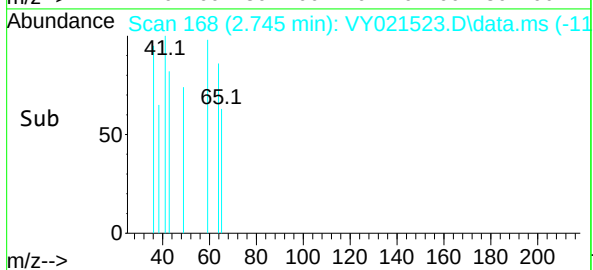
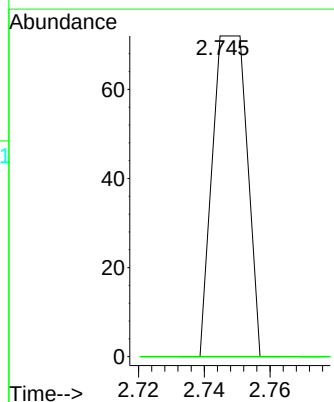
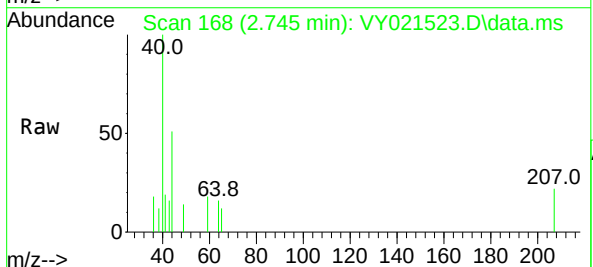
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

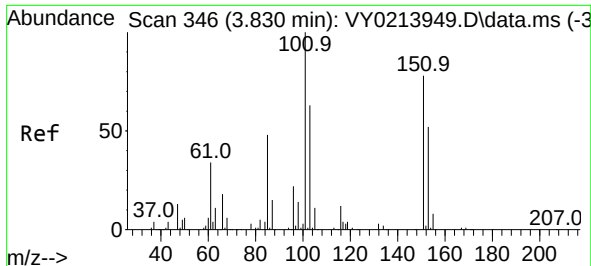
Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 66.3 76.3 114.5#



#6
Chloroethane
Concen: 5.033 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

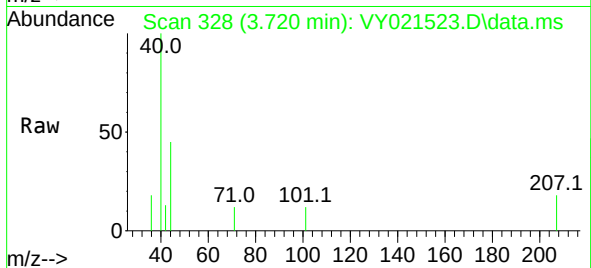
Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



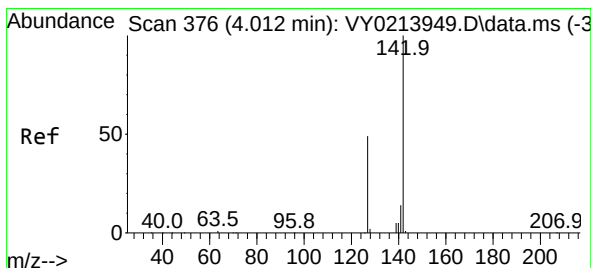
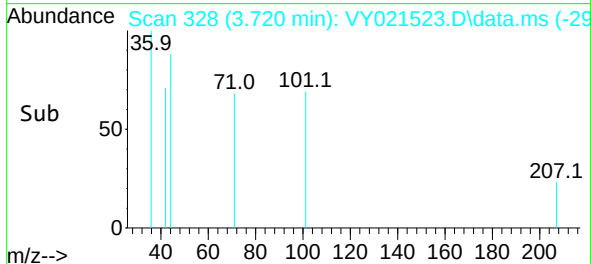
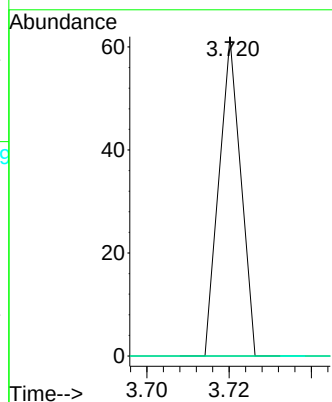


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.811 ug/l
RT: 3.720 min Scan# 31
Delta R.T. -0.110 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

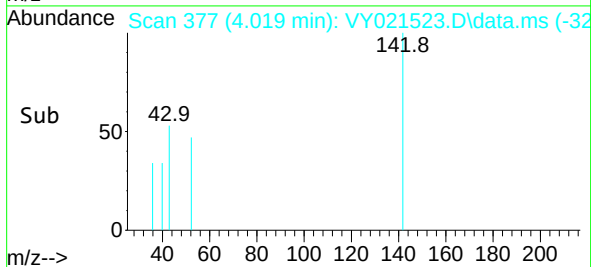
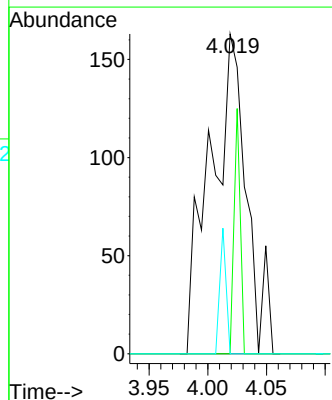
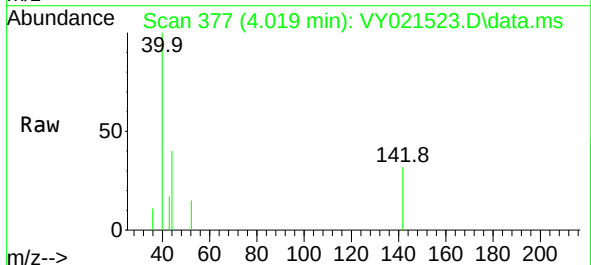


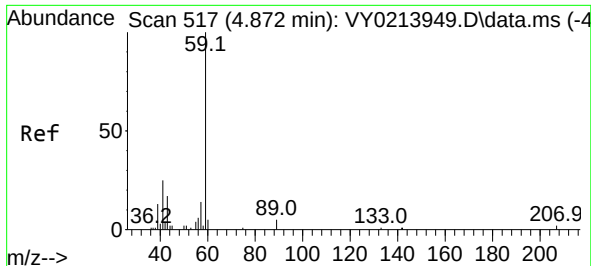
Tgt Ion:101 Resp: 23
Ion Ratio Lower Upper
101 100
85 0.0 37.1 55.7#
151 0.0 62.1 93.1#



#10
Methyl Iodide
Concen: 26.961 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Tgt Ion:142 Resp: 348
Ion Ratio Lower Upper
142 100
127 13.2 39.1 58.7#
141 6.6 11.8 17.6#

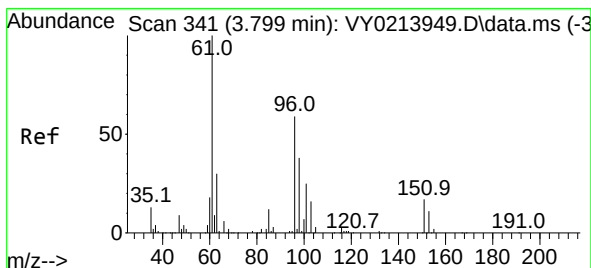
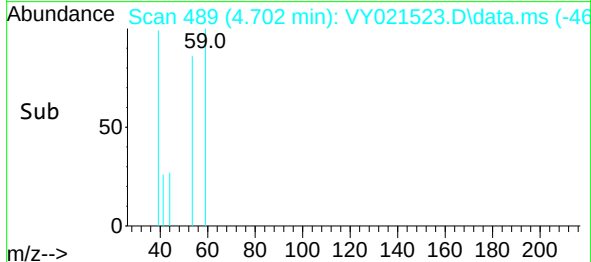
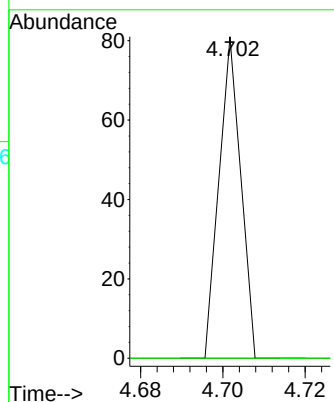
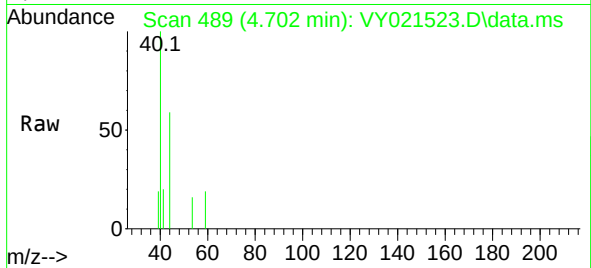




#11
Tert butyl alcohol
Concen: 17.807 ug/l
RT: 4.702 min Scan# 41
Delta R.T. -0.170 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

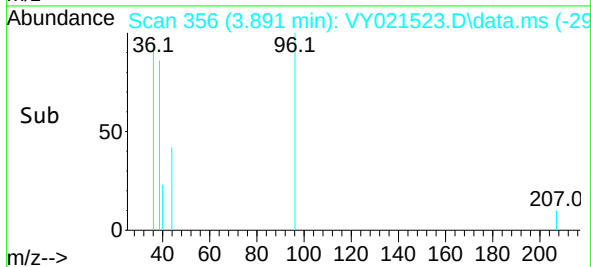
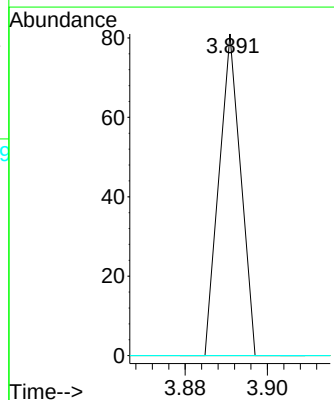
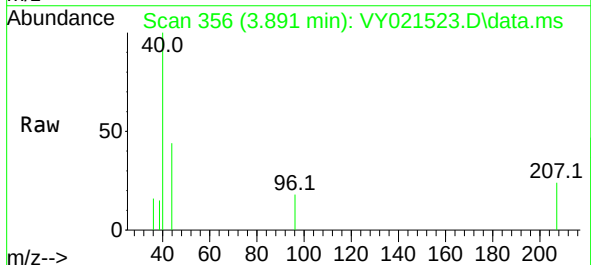
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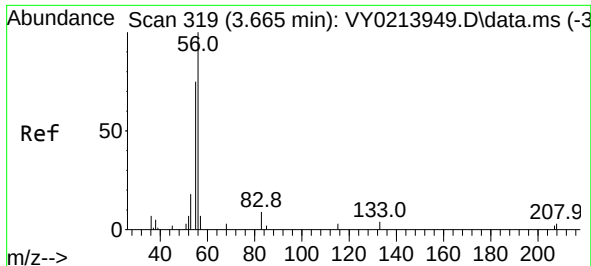
Tgt Ion: 59 Resp: 30
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 2.591 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.092 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Tgt Ion: 96 Resp: 30
Ion Ratio Lower Upper
96 100
61 0.0 135.2 202.8#
98 0.0 51.4 77.2#

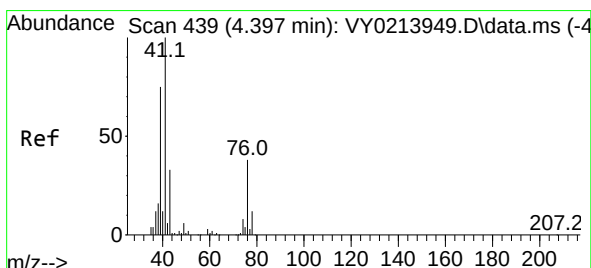
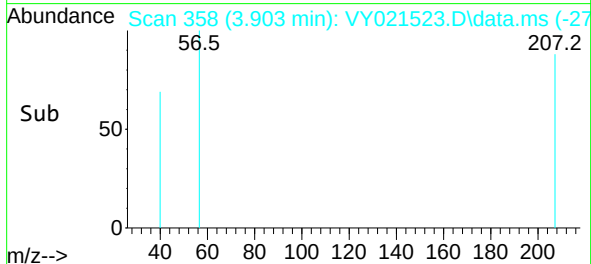
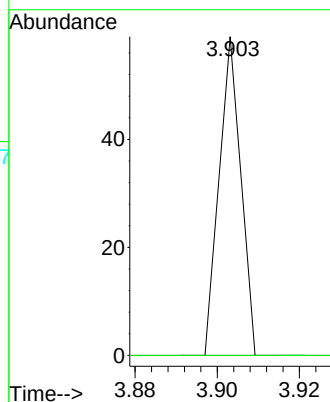
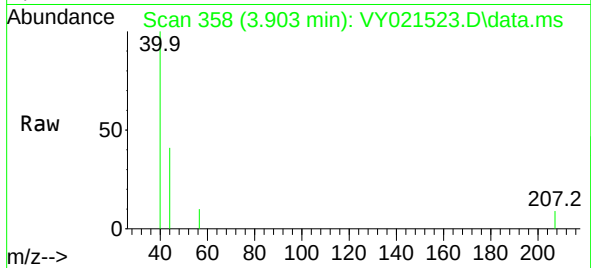




#13
Acrolein
Concen: 36.311 ug/l
RT: 3.903 min Scan# 319
Delta R.T. 0.238 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

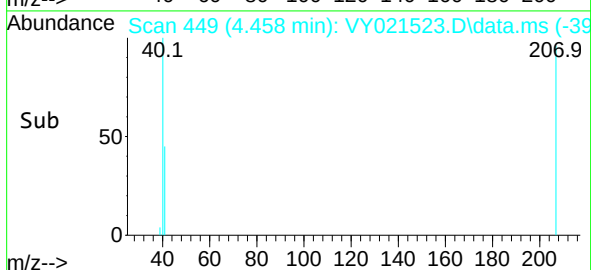
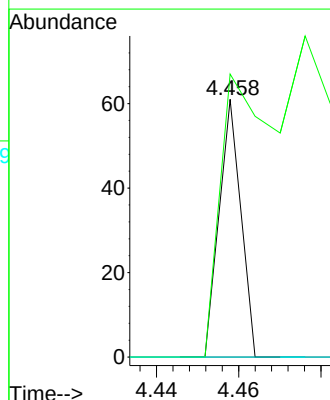
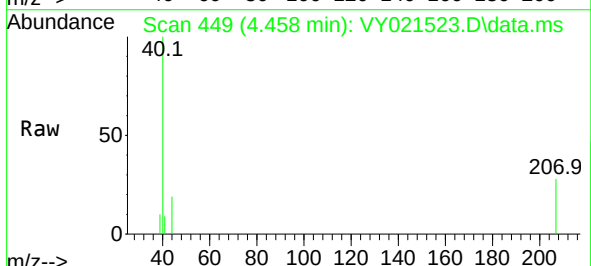
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

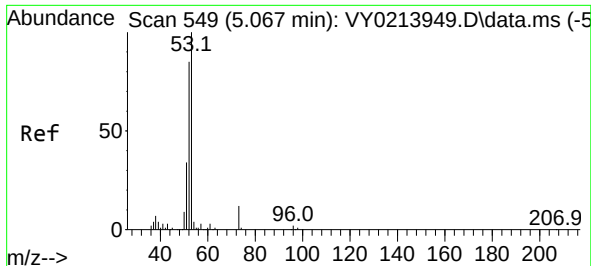
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 63.4 95.2#



#14
Allyl chloride
Concen: 1.176 ug/l
RT: 4.458 min Scan# 449
Delta R.T. 0.061 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Tgt Ion: 41 Resp: 22
Ion Ratio Lower Upper
41 100
39 522.7 59.3 88.9#
76 0.0 29.8 44.8#

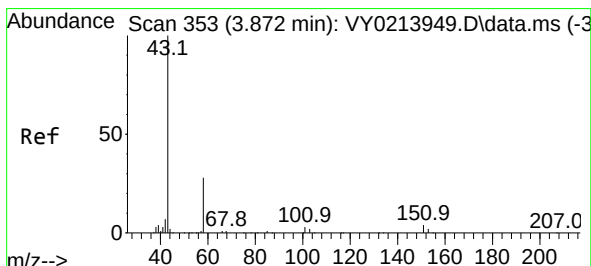
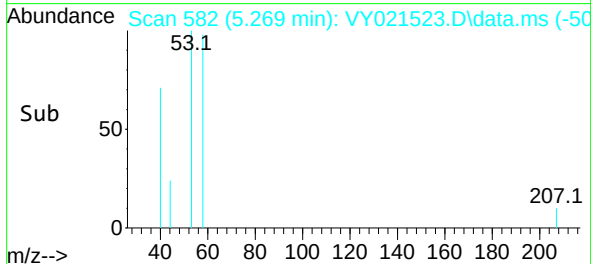
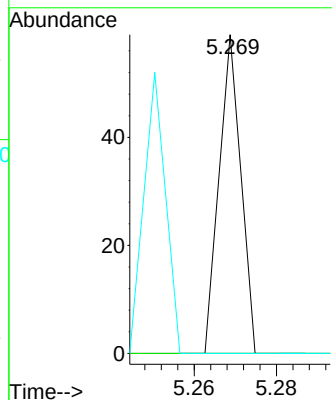
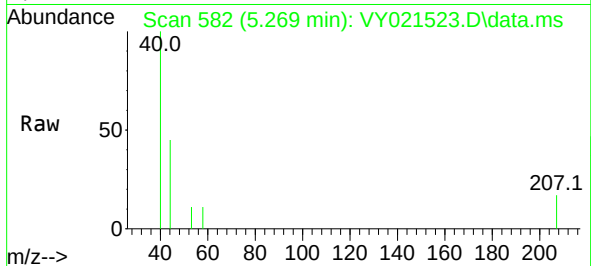




#15
Acrylonitrile
Concen: 8.385 ug/l
RT: 5.269 min Scan# 51
Delta R.T. 0.202 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

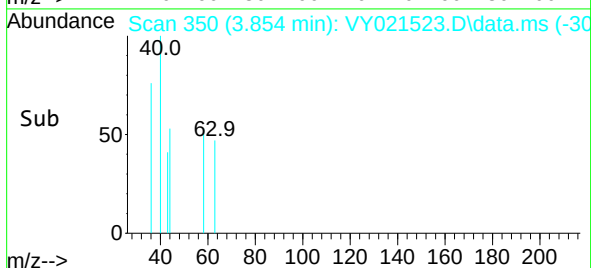
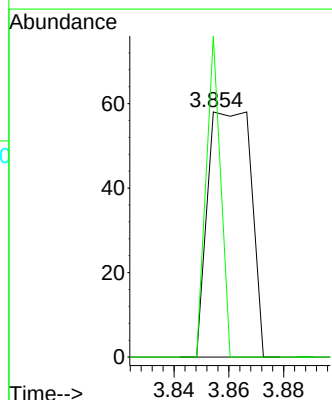
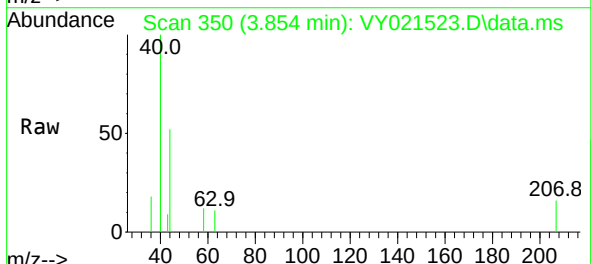
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

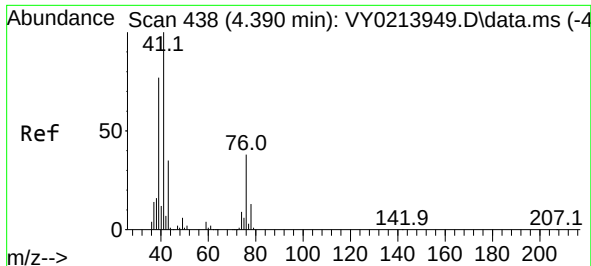
Tgt Ion: 53 Resp: 22
Ion Ratio Lower Upper
53 100
52 0.0 66.3 99.5#
51 86.4 30.3 45.5#



#16
Acetone
Concen: 24.249 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
58 131.0 22.1 33.1#





#18

Methyl Acetate

Concen: 10.235 ug/l

RT: 4.354 min Scan# 41

Delta R.T. -0.036 min

Lab File: VY021523.D

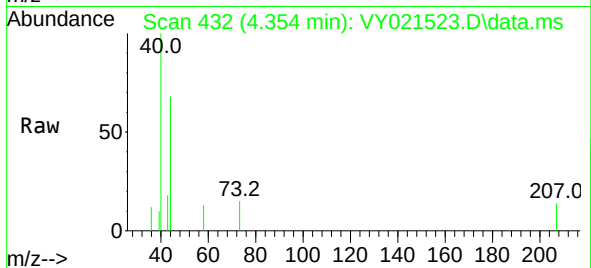
Acq: 13 Mar 2025 14:21

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-031225

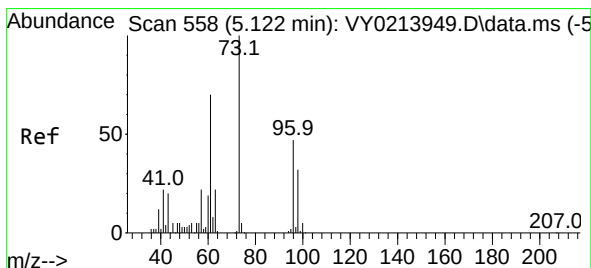
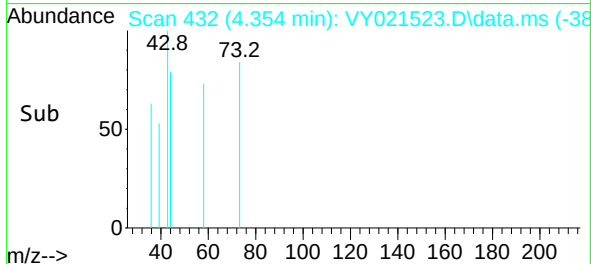
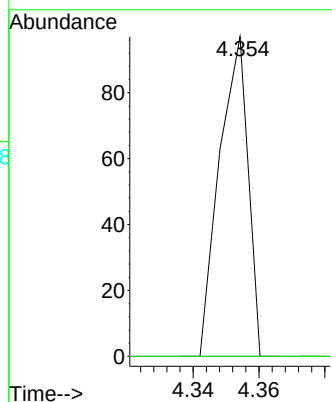


Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#19

Methyl tert-butyl Ether

Concen: 1.772 ug/l

RT: 4.939 min Scan# 528

Delta R.T. -0.183 min

Lab File: VY021523.D

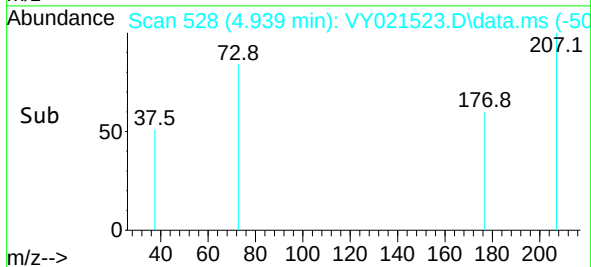
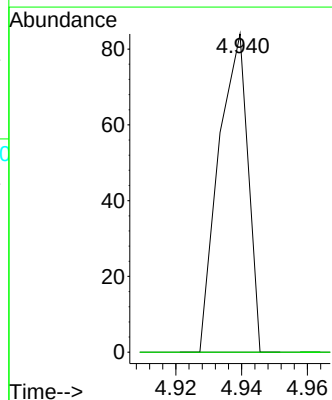
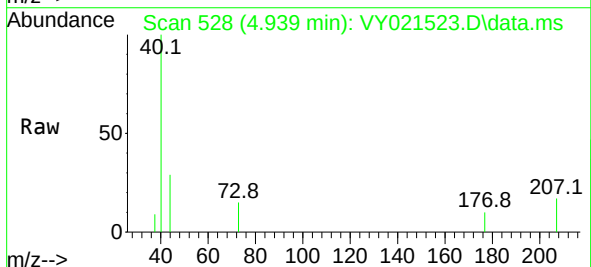
Acq: 13 Mar 2025 14:21

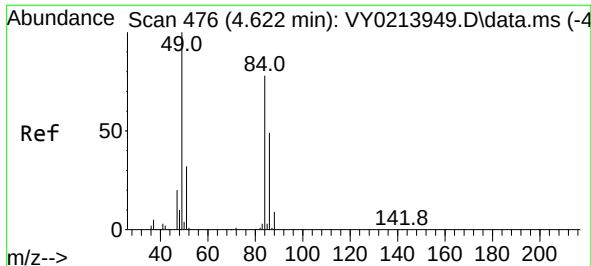
Tgt Ion: 73 Resp: 52

Ion Ratio Lower Upper

73 100

57 0.0 17.9 26.9#





#20

Methylene Chloride

Concen: 1.833 ug/l

RT: 4.635 min Scan# 41

Delta R.T. 0.013 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-031225

Tgt Ion: 84 Resp: 25

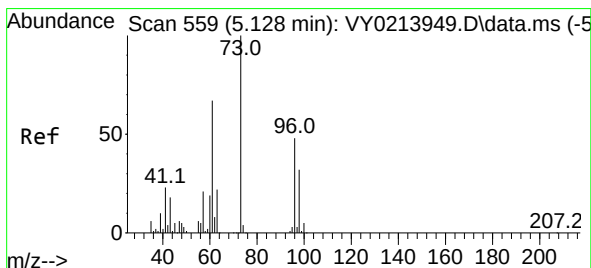
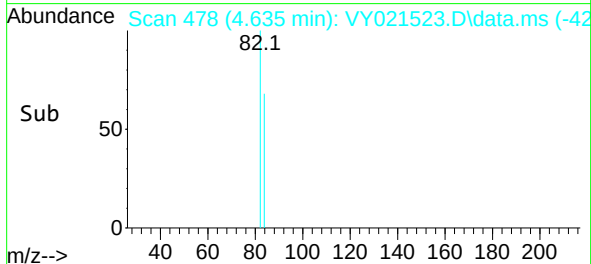
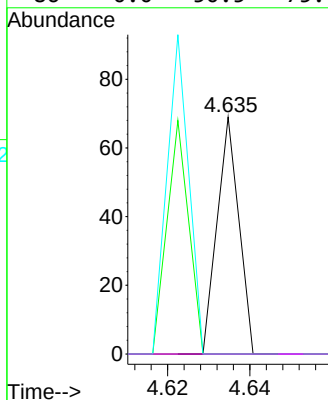
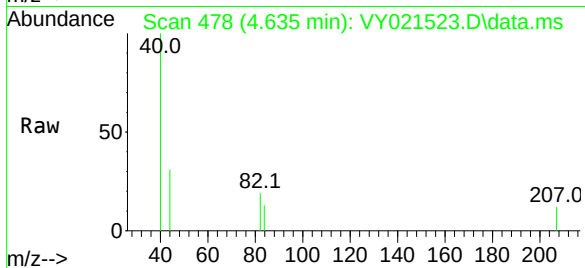
Ion Ratio Lower Upper

84 100

49 0.0 102.0 153.0#

51 0.0 33.0 49.6#

86 0.0 50.5 75.7#



#21

trans-1,2-Dichloroethene

Concen: 1.928 ug/l

RT: 4.909 min Scan# 523

Delta R.T. -0.219 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

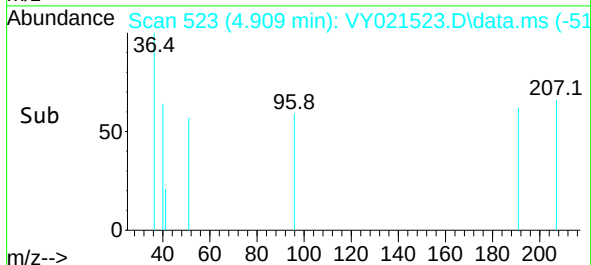
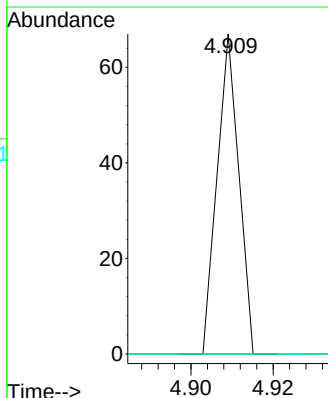
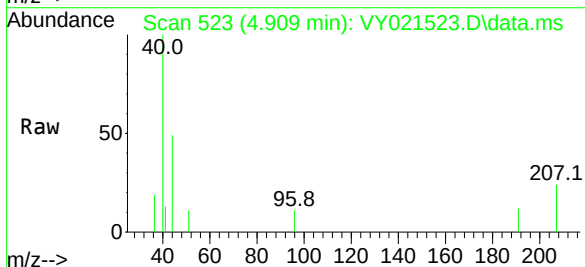
Tgt Ion: 96 Resp: 25

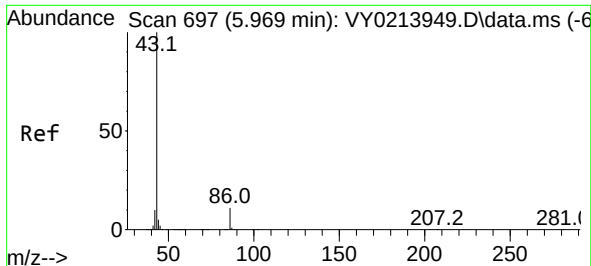
Ion Ratio Lower Upper

96 100

61 0.0 111.5 167.3#

98 0.0 53.8 80.8#

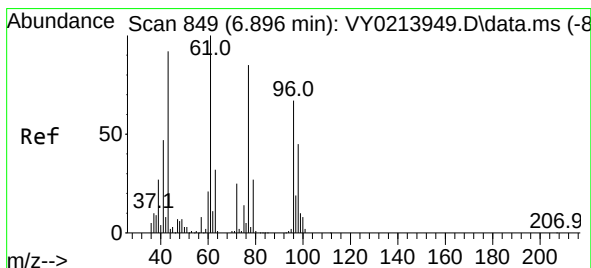
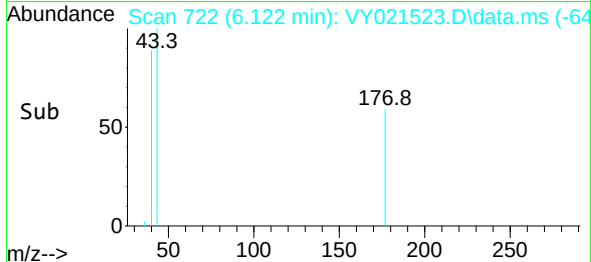
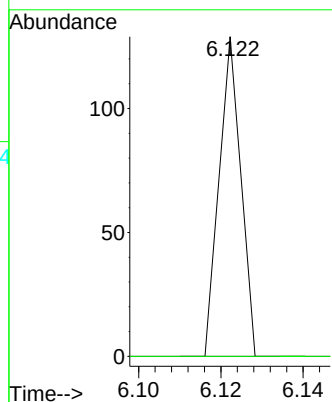
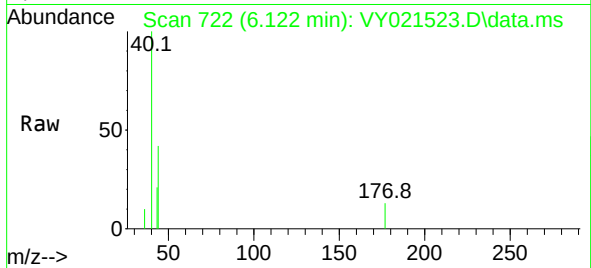




#23
 Vinyl Acetate
 Concen: 2.043 ug/l
 RT: 6.122 min Scan# 71
 Delta R.T. 0.153 min
 Lab File: VY021523.D
 Acq: 13 Mar 2025 14:21

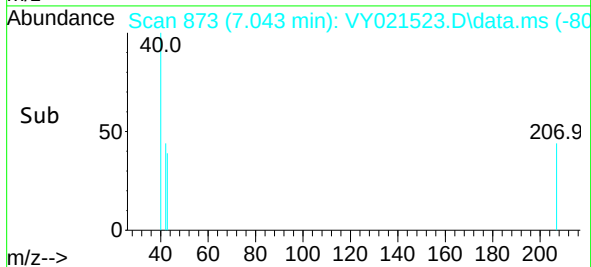
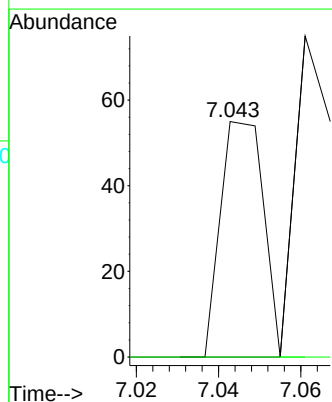
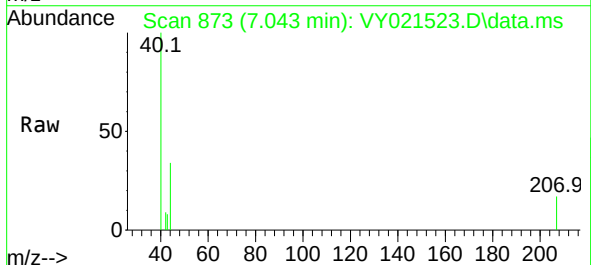
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-031225

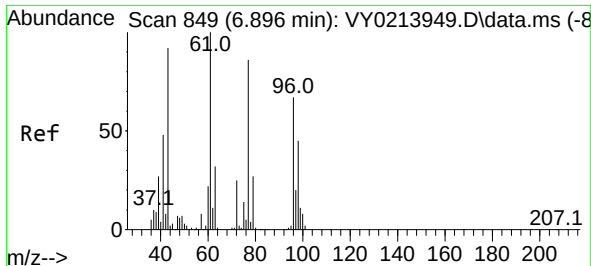
Tgt Ion: 43 Resp: 47
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 11.130 ug/l
 RT: 7.043 min Scan# 873
 Delta R.T. 0.147 min
 Lab File: VY021523.D
 Acq: 13 Mar 2025 14:21

Tgt Ion: 43 Resp: 40
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.4 32.0#



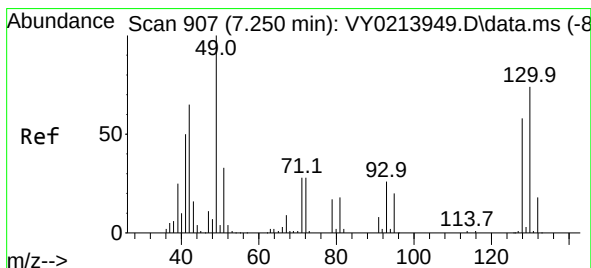
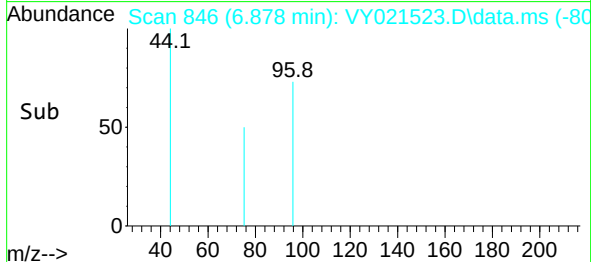
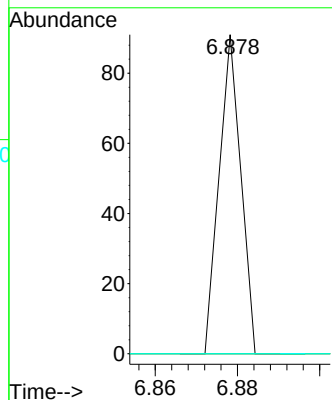
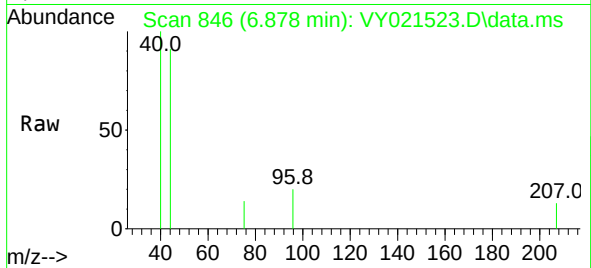


#27
 cis-1,2-Dichloroethene
 Concen: 2.241 ug/l
 RT: 6.878 min Scan# 849
 Delta R.T. -0.018 min
 Lab File: VY021523.D
 Acq: 13 Mar 2025 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-031225

Tgt Ion: 96 Resp: 33

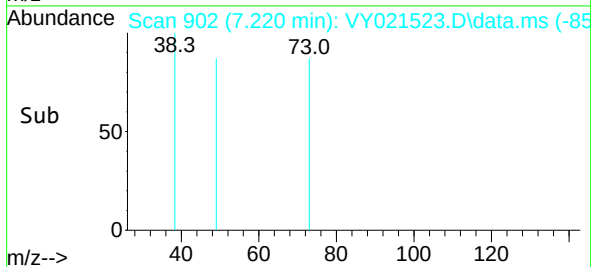
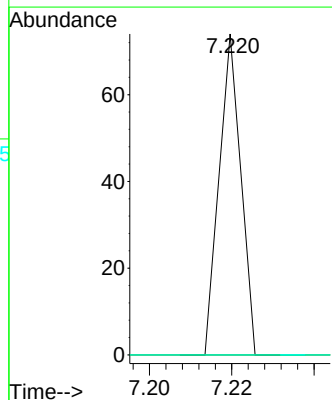
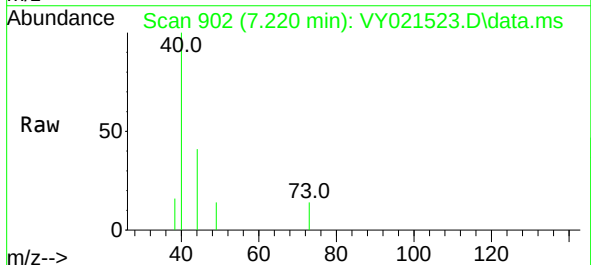
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	300.8
98	0.0	0.0	130.0

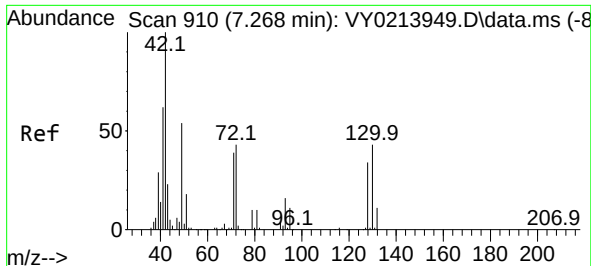


#28
 Bromochloromethane
 Concen: 2.706 ug/l
 RT: 7.220 min Scan# 902
 Delta R.T. -0.030 min
 Lab File: VY021523.D
 Acq: 13 Mar 2025 14:21

Tgt Ion: 49 Resp: 27

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	59.6	89.4#





#29

Tetrahydrofuran

Concen: 10.366 ug/l

RT: 7.323 min Scan# 910

Delta R.T. 0.055 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-031225

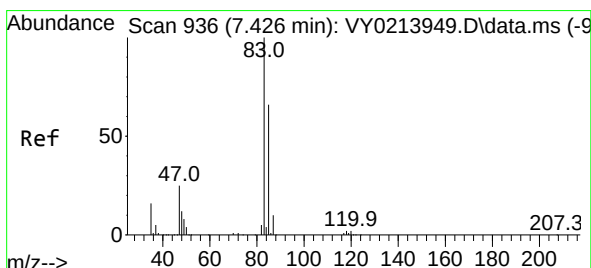
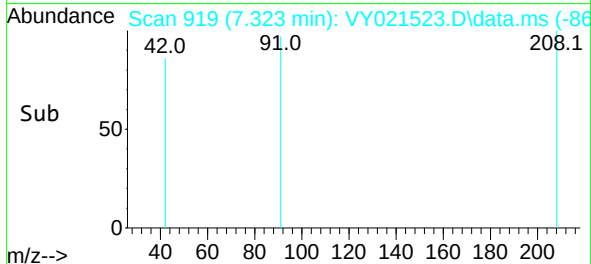
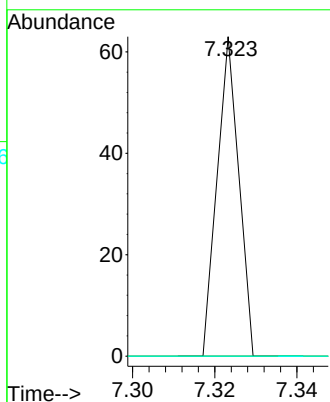
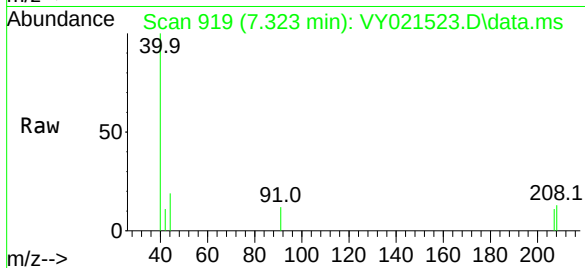
Tgt Ion: 42 Resp: 23

Ion Ratio Lower Upper

42 100

72 0.0 34.8 52.2#

71 0.0 32.6 48.8#



#30

Chloroform

Concen: 1.619 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021523.D

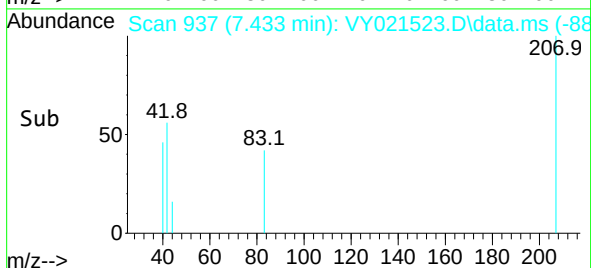
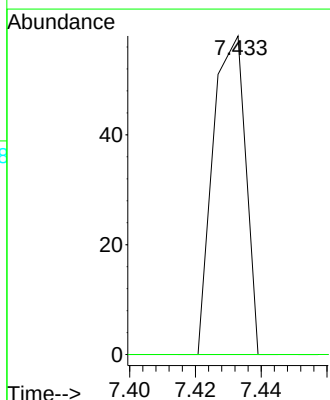
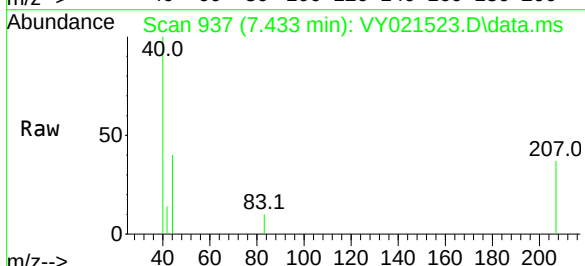
Acq: 13 Mar 2025 14:21

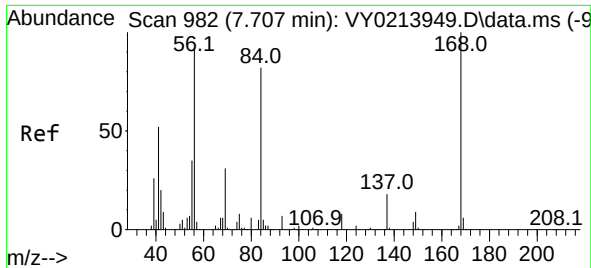
Tgt Ion: 83 Resp: 40

Ion Ratio Lower Upper

83 100

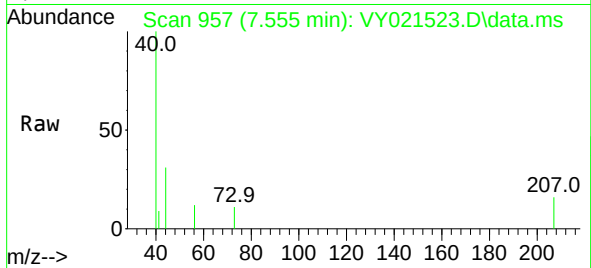
85 0.0 53.1 79.7#



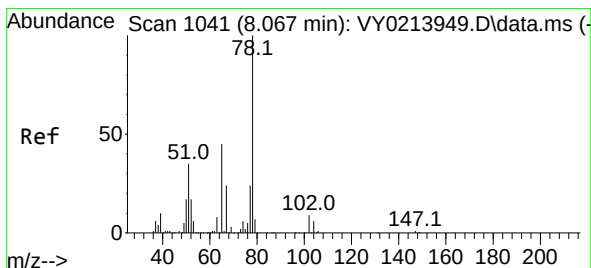
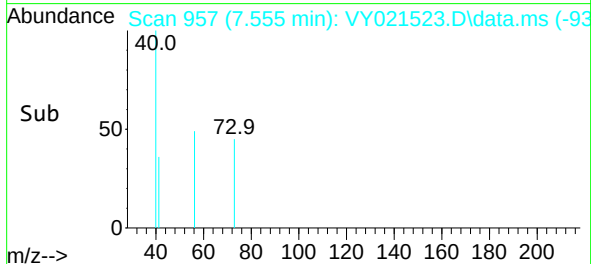
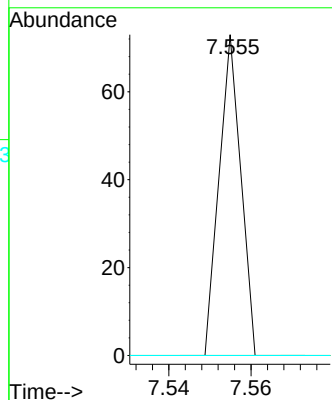


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.555 min Scan# 91
Delta R.T. -0.152 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

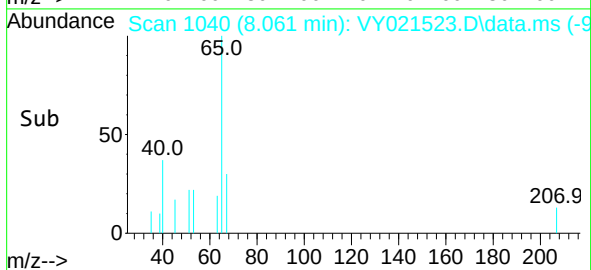
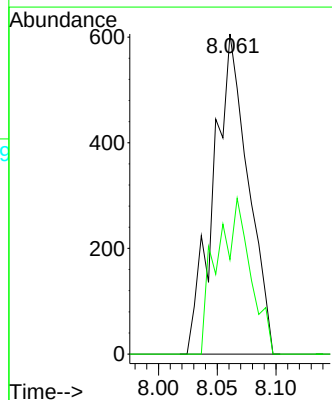
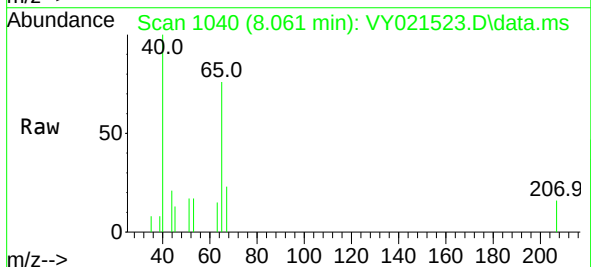


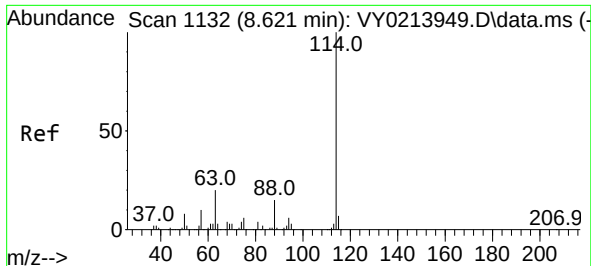
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
69 0.0 27.0 40.4#
84 0.0 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 104.183 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Tgt Ion: 65 Resp: 1241
Ion Ratio Lower Upper
65 100
67 47.1 0.0 102.8

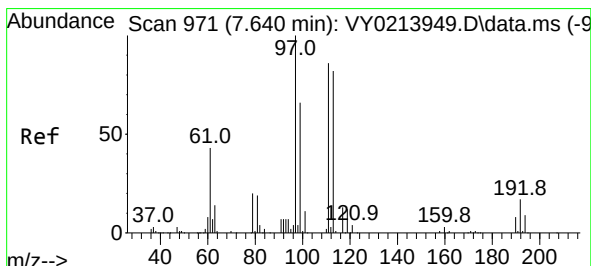
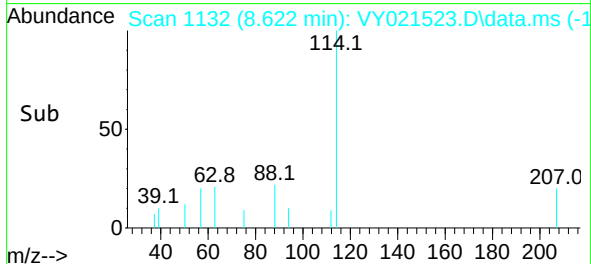
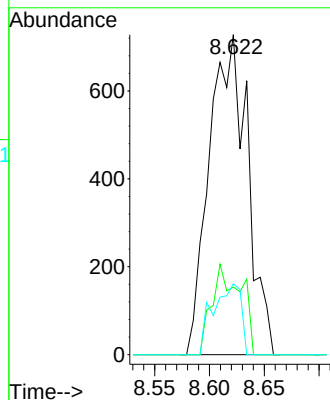
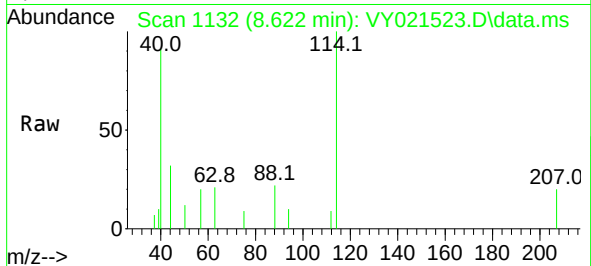




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

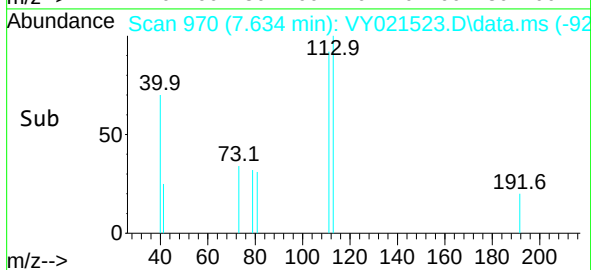
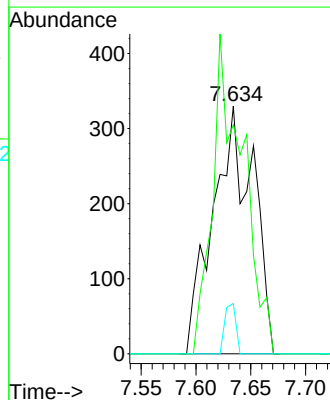
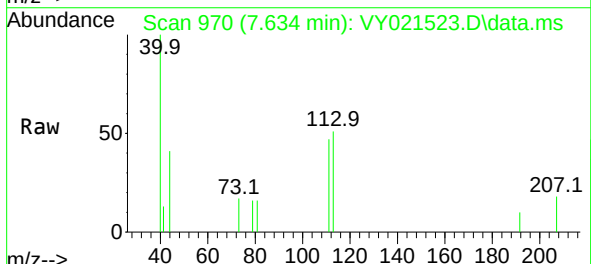
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

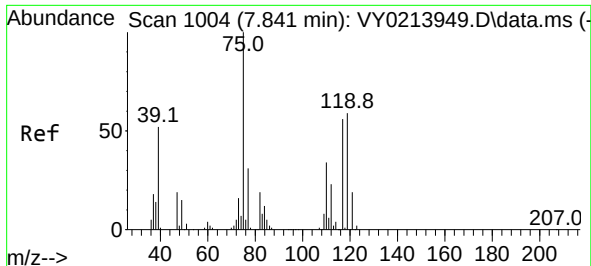
Tgt Ion:	114	Resp:	1765
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.8
88	22.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 72.576 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Tgt Ion:	113	Resp:	842
Ion	Ratio	Lower	Upper
113	100		
111	97.4	82.0	123.0
192	5.6	15.9	23.9





#36

1,1-Dichloropropene

Concen: 1.377 ug/l

RT: 7.719 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-031225

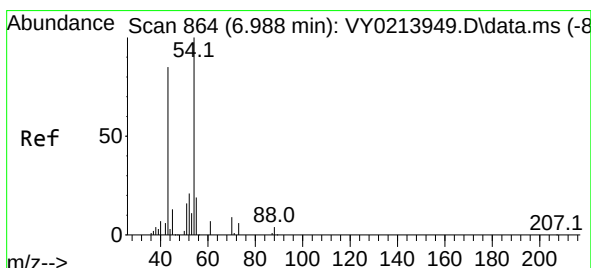
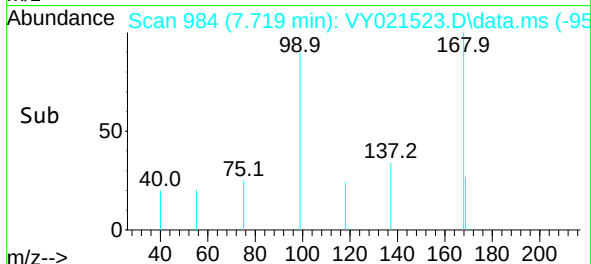
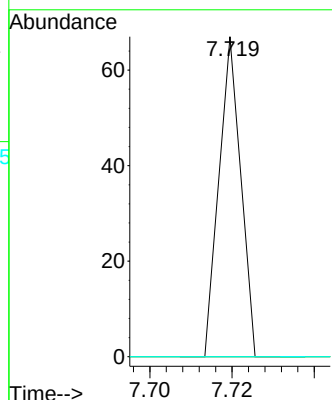
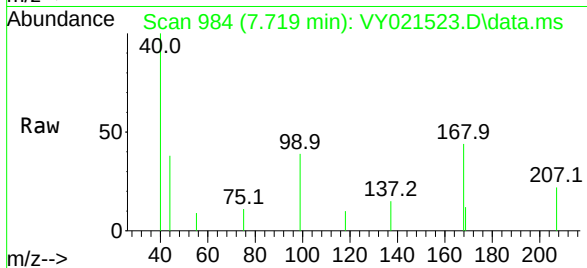
Tgt Ion: 75 Resp: 25

Ion Ratio Lower Upper

75 100

110 0.0 17.3 51.7#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 4.983 ug/l

RT: 7.043 min Scan# 873

Delta R.T. 0.055 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

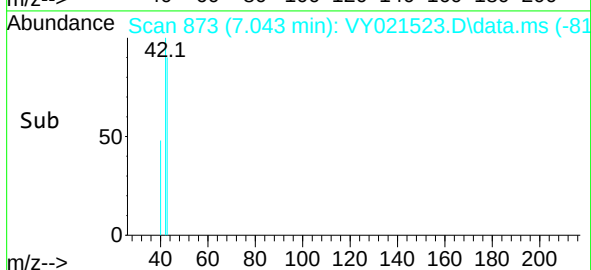
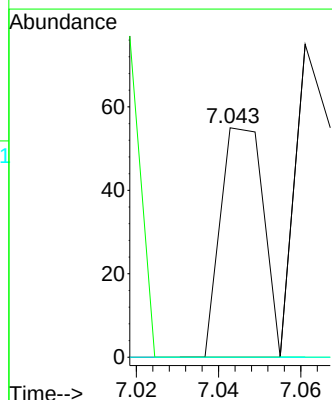
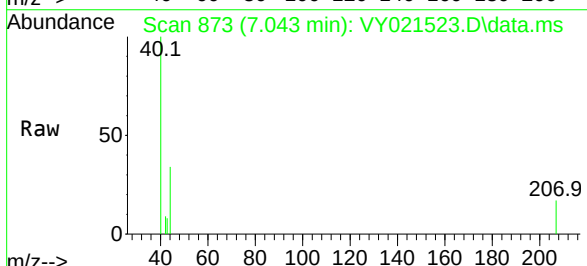
Tgt Ion: 43 Resp: 40

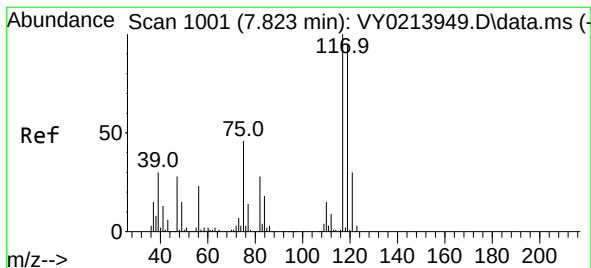
Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 0.0 8.2 12.2#





#38

Carbon Tetrachloride

Concen: 1.197 ug/l

RT: 7.701 min Scan# 901

Delta R.T. -0.122 min

Lab File: VY021523.D

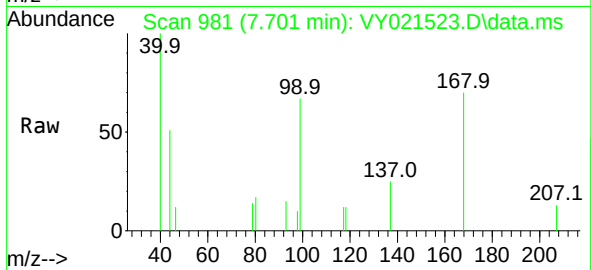
Acq: 13 Mar 2025 14:21

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-031225



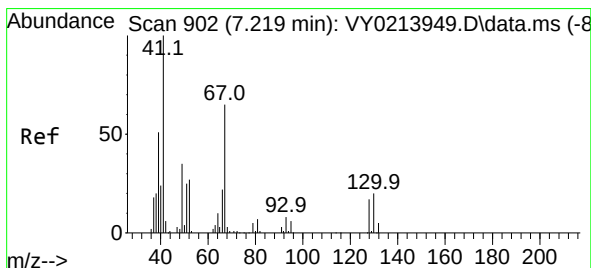
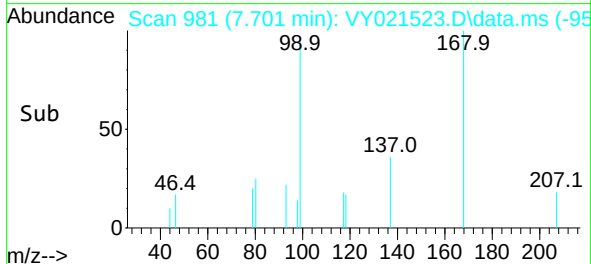
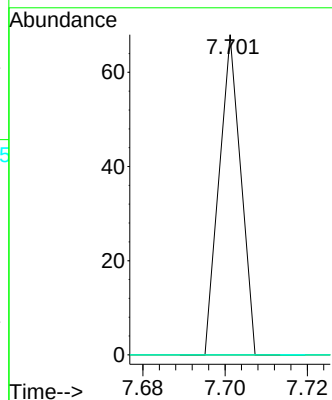
Tgt Ion:117 Resp: 25

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

121 0.0 23.9 35.9#



#41

Methacrylonitrile

Concen: 8.695 ug/l

RT: 7.213 min Scan# 901

Delta R.T. -0.006 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

Tgt Ion: 41 Resp: 38

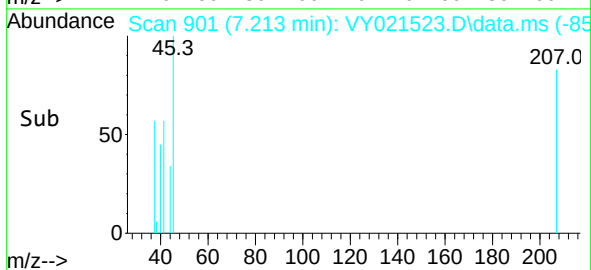
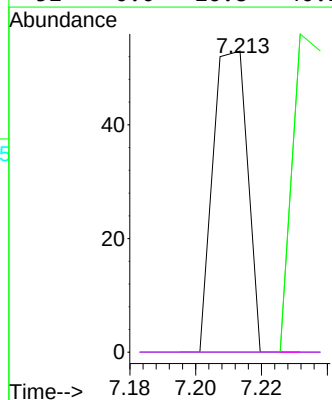
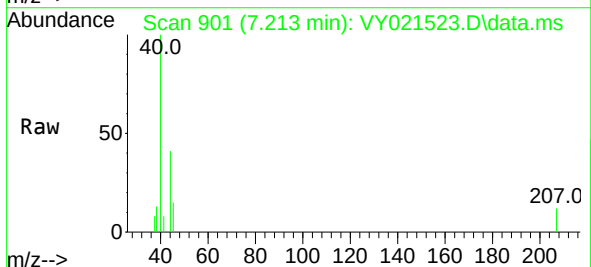
Ion Ratio Lower Upper

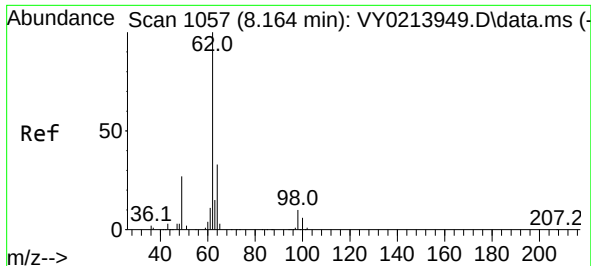
41 100

39 0.0 35.0 52.6#

67 0.0 61.2 91.8#

52 0.0 26.8 40.2#





#42

1,2-Dichloroethane

Concen: 1.270 ug/l

RT: 7.963 min Scan# 1024

Delta R.T. -0.201 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

Instrument :

MSVOA_Y

ClientSampleId :

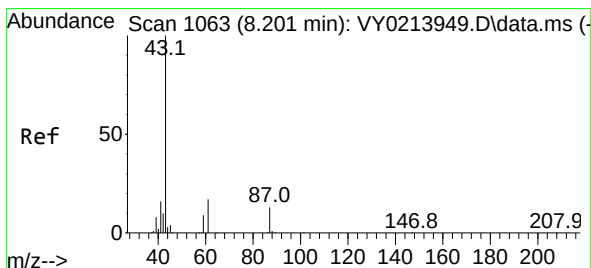
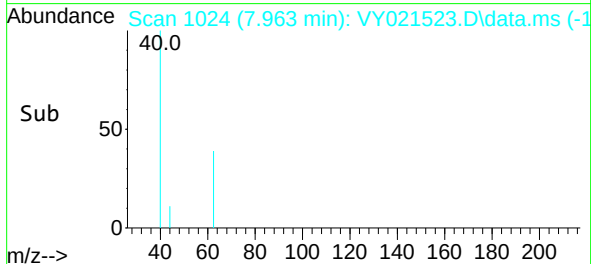
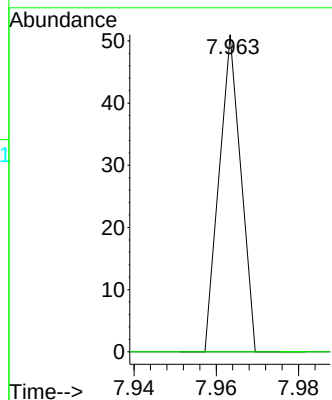
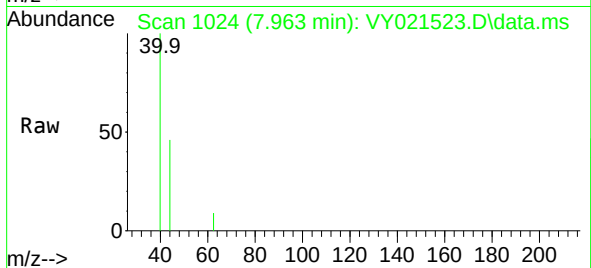
OR-02-031225

Tgt Ion: 62 Resp: 19

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 1.476 ug/l

RT: 8.037 min Scan# 1036

Delta R.T. -0.164 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

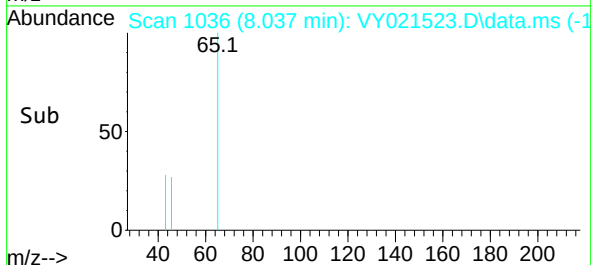
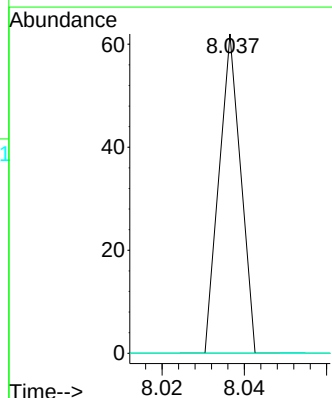
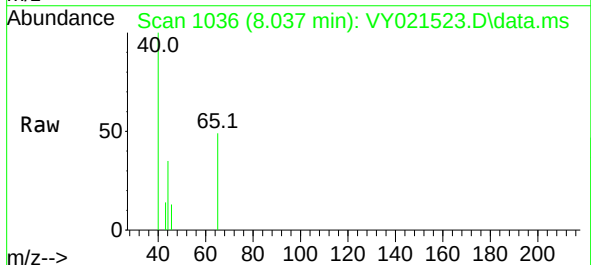
Tgt Ion: 43 Resp: 23

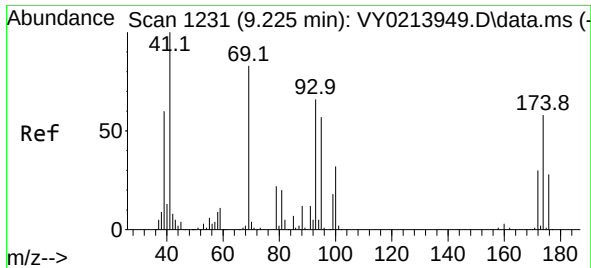
Ion Ratio Lower Upper

43 100

61 0.0 23.4 35.0#

87 0.0 10.5 15.7#

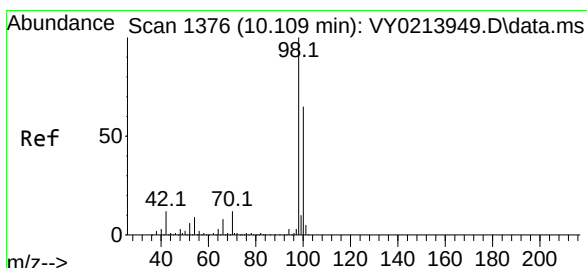
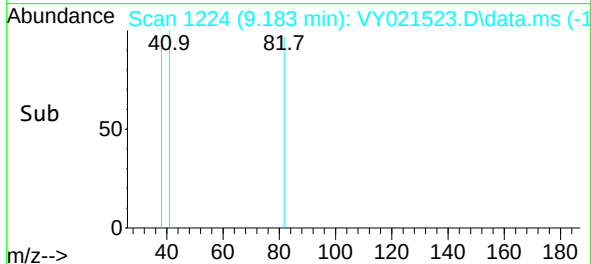
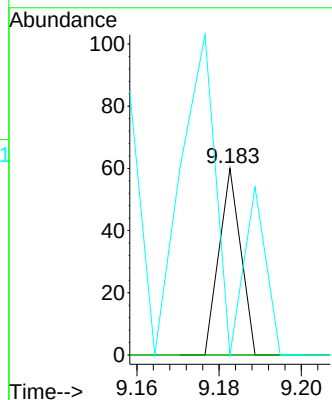
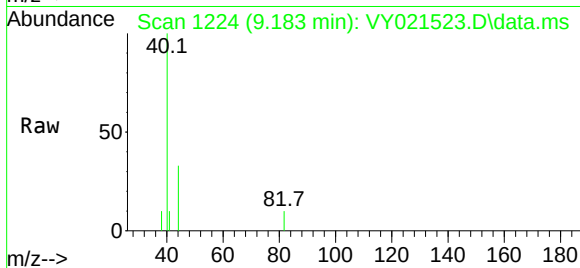




#48
Methyl methacrylate
Concen: 3.075 ug/l
RT: 9.183 min Scan# 11
Delta R.T. -0.042 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

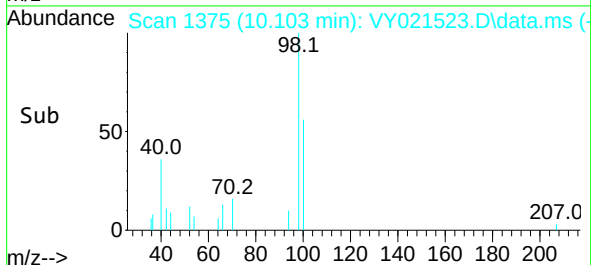
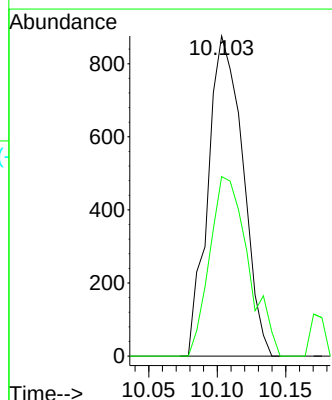
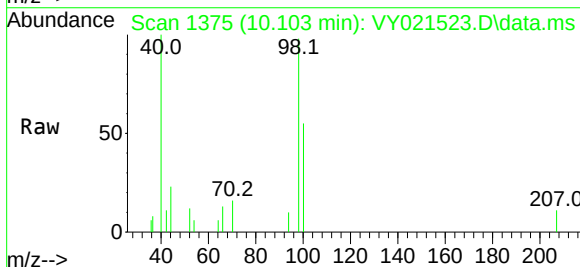
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

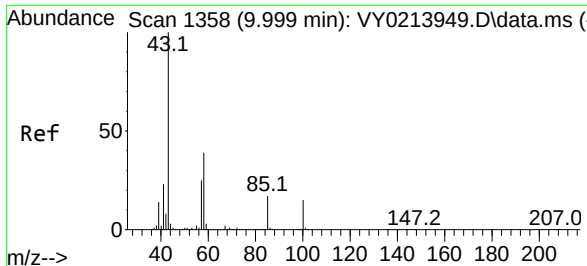
Tgt Ion: 41 Resp: 22
Ion Ratio Lower Upper
41 100
69 0.0 67.8 101.8#
39 359.1 46.4 69.6#



#50
Toluene-d8
Concen: 35.172 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Tgt Ion: 98 Resp: 1545
Ion Ratio Lower Upper
98 100
100 62.1 52.1 78.1

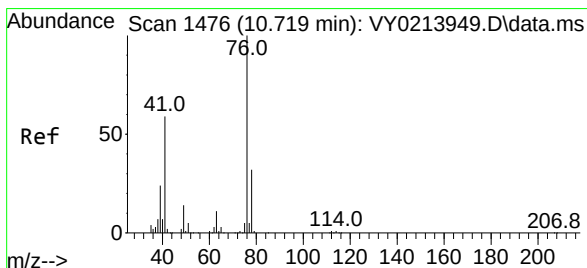
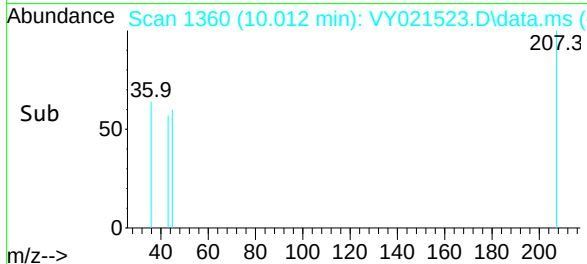
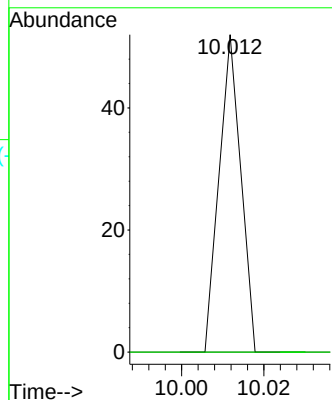
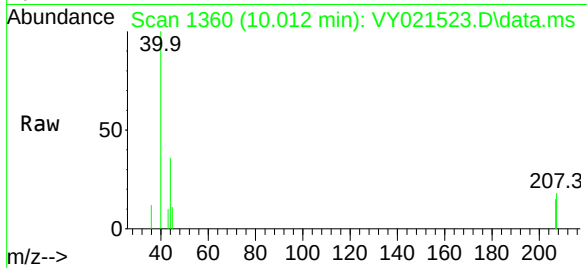




#51
4-Methyl-2-Pentanone
Concen: 2.363 ug/l
RT: 10.012 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

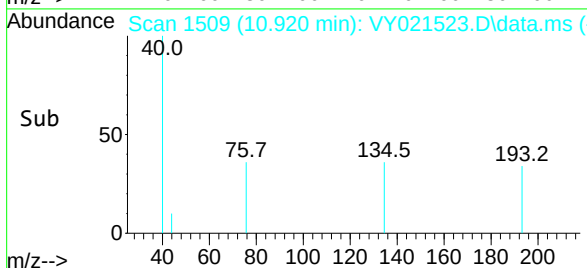
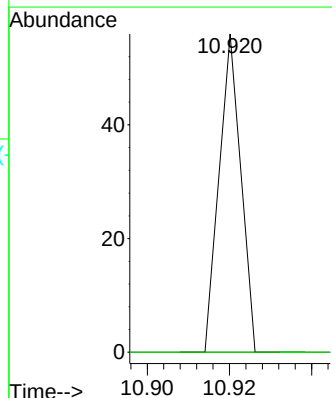
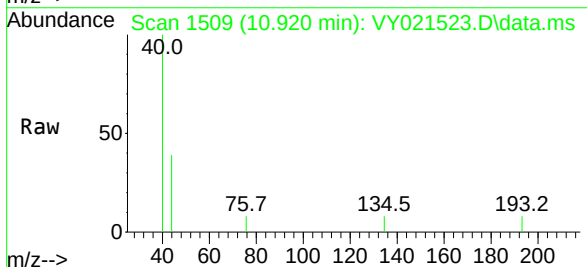
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

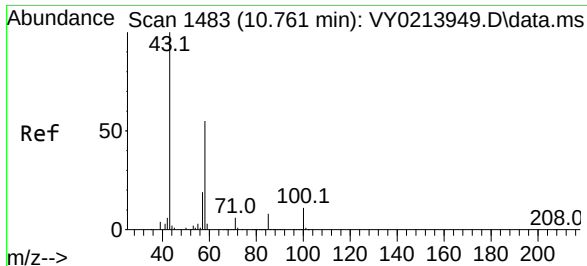
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 31.4 47.2#



#57
1,3-Dichloropropane
Concen: 1.245 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.202 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Tgt Ion: 76 Resp: 20
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#





#59

2-Hexanone

Concen: 17.871 ug/l

RT: 10.829 min Scan# 14

Delta R.T. 0.067 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

Instrument :

MSVOA_Y

ClientSampleId :

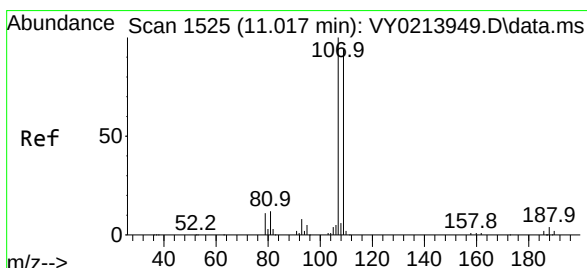
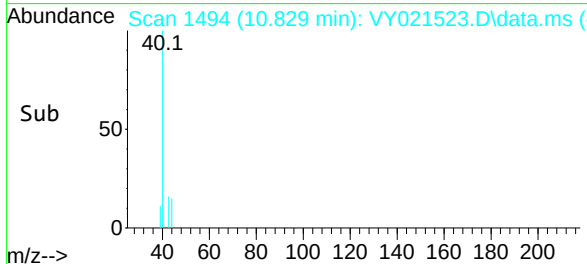
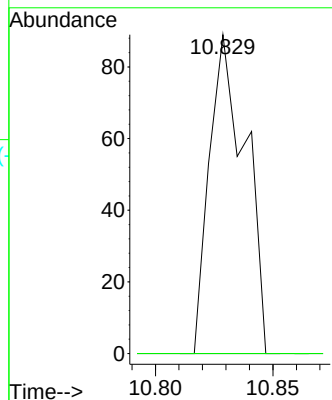
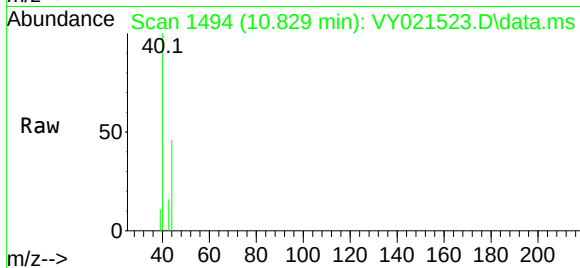
OR-02-031225

Tgt Ion: 43 Resp: 95

Ion Ratio Lower Upper

43 100

58 0.0 27.3 81.8#



#61

1,2-Dibromoethane

Concen: 2.630 ug/l

RT: 11.188 min Scan# 1553

Delta R.T. 0.171 min

Lab File: VY021523.D

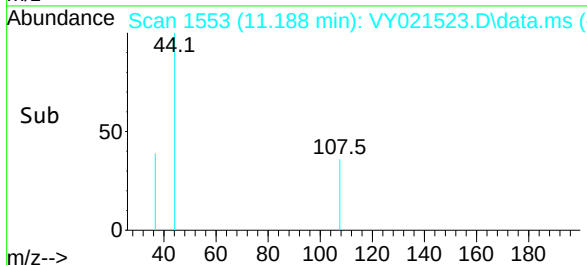
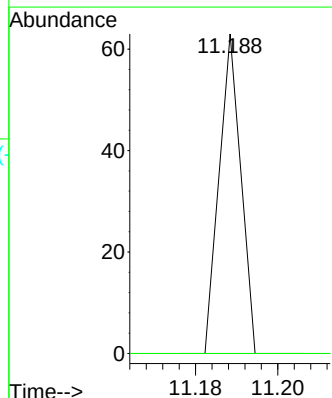
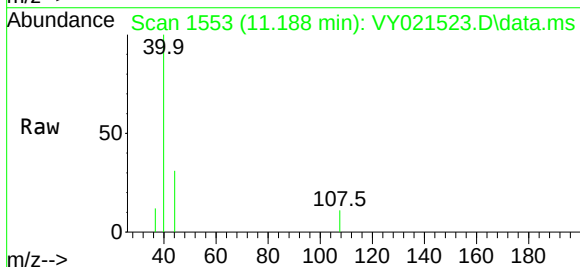
Acq: 13 Mar 2025 14:21

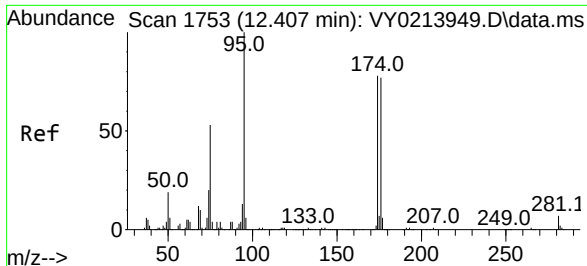
Tgt Ion: 107 Resp: 23

Ion Ratio Lower Upper

107 100

109 0.0 75.8 113.8#





#62

4-Bromofluorobenzene

Concen: 13.050 ug/l

RT: 12.402 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

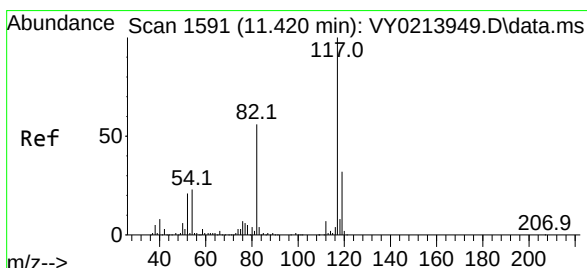
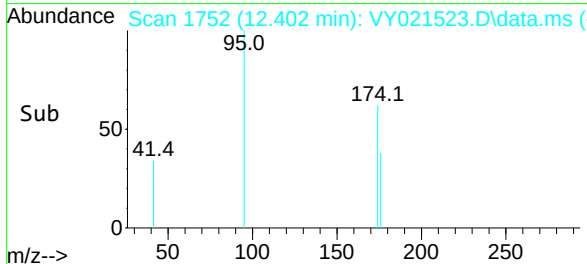
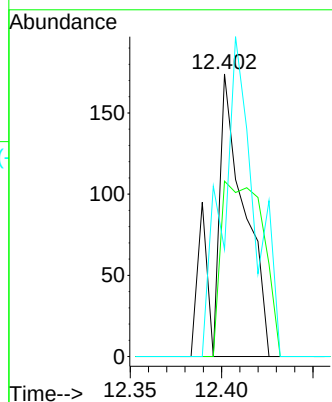
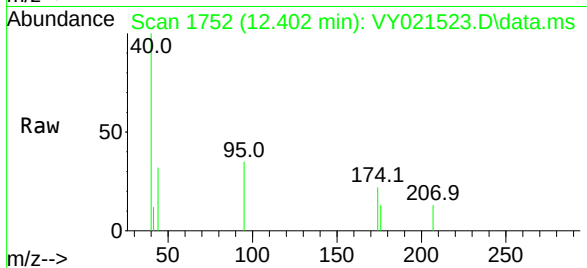
Instrument :

MSVOA_Y

ClientSampleId :

OR-02-031225

Tgt Ion: 95	Resp:	195
Ion Ratio	Lower	Upper
95	100	
174	87.7	0.0 165.0
176	123.1	0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

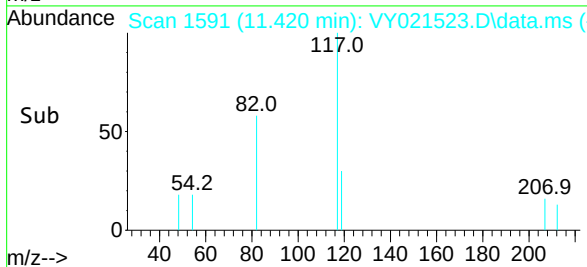
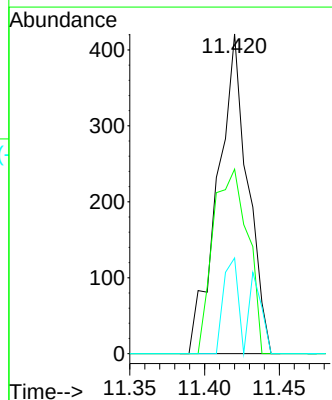
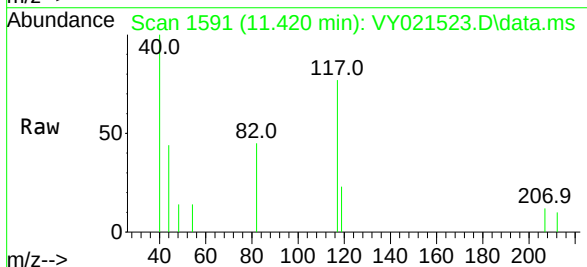
RT: 11.420 min Scan# 1591

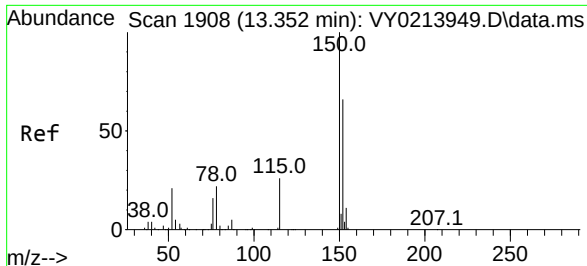
Delta R.T. 0.000 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

Tgt Ion: 117	Resp:	588
Ion Ratio	Lower	Upper
117	100	
82	57.7	44.6 67.0
119	29.9	25.4 38.0

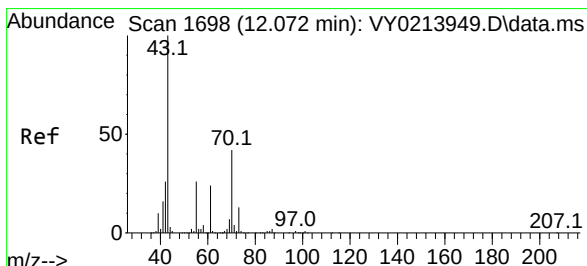
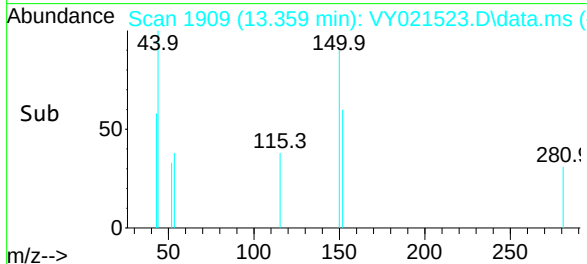
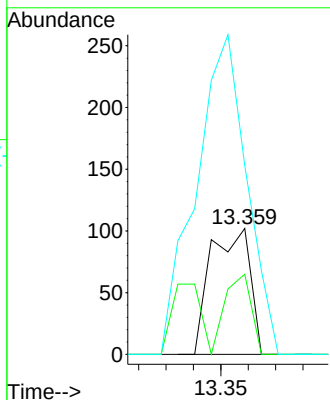
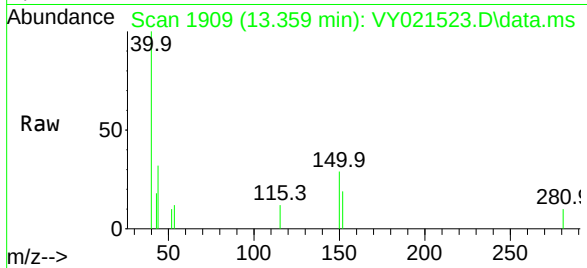




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

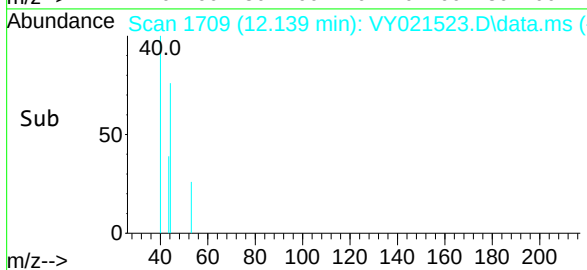
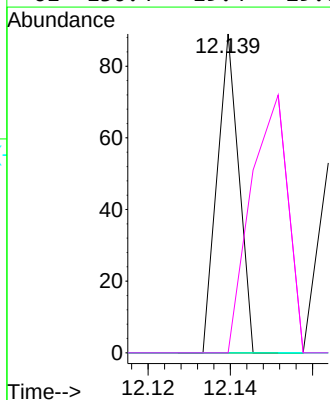
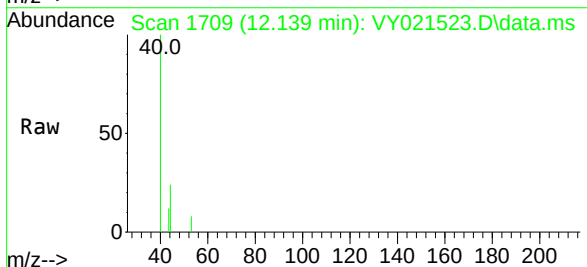
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

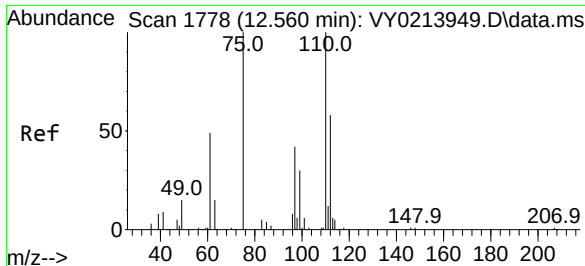
Tgt Ion:152 Resp: 102
Ion Ratio Lower Upper
152 100
115 42.2 29.0 87.0
150 327.5 0.0 347.2



#74
N-ethyl acetate
Concen: 18.912 ug/l
RT: 12.139 min Scan# 1709
Delta R.T. 0.067 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
70 0.0 34.6 51.8#
55 0.0 21.1 31.7#
61 136.4 19.4 29.0#

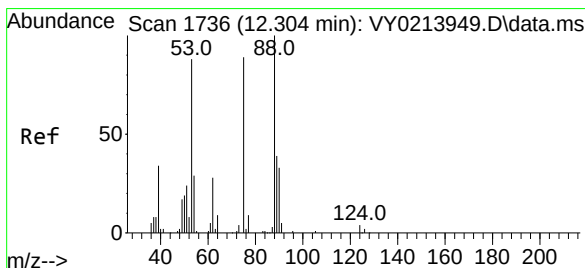
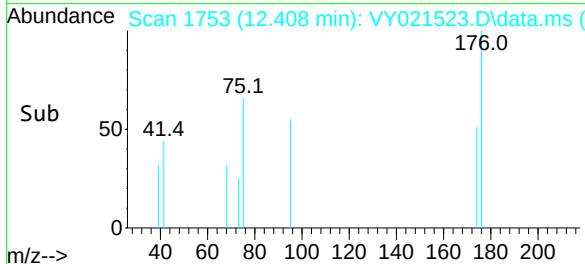
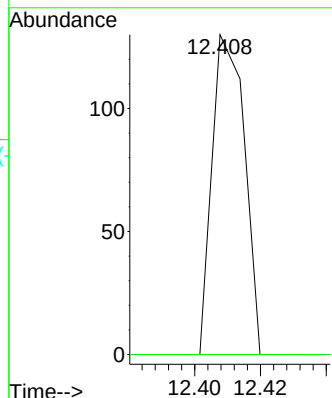
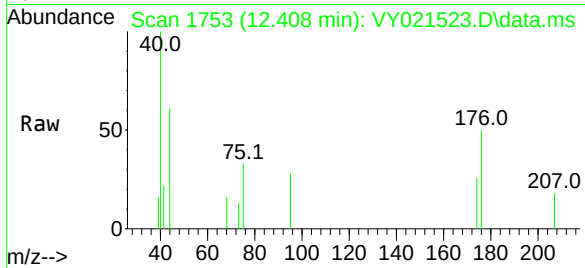




#76
1,2,3-Trichloropropane
Concen: 86.590 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

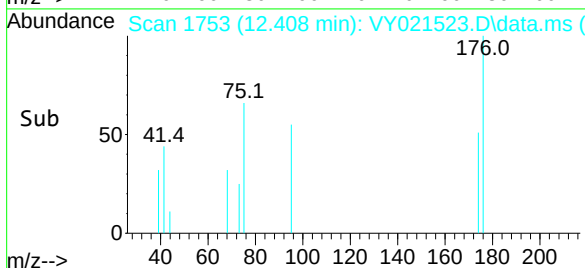
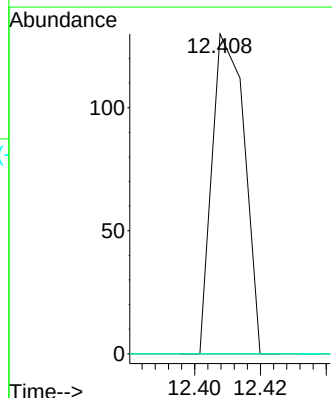
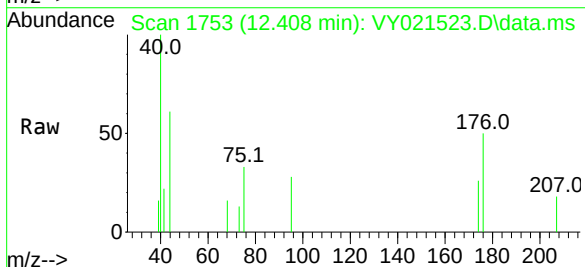
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225

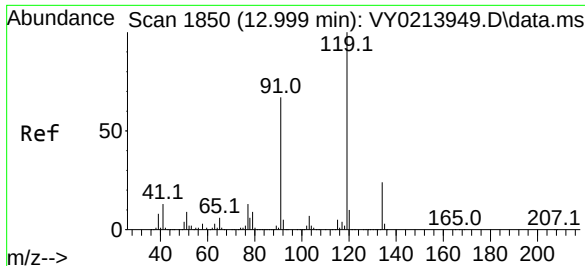
Tgt Ion: 75 Resp: 89
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 196.845 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Tgt Ion: 75 Resp: 89
Ion Ratio Lower Upper
75 100
53 0.0 81.0 121.4#
89 0.0 36.9 55.3#





#83

tert-Butylbenzene

Concen: 3.777 ug/l

RT: 13.267 min Scan# 1894

Delta R.T. 0.269 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

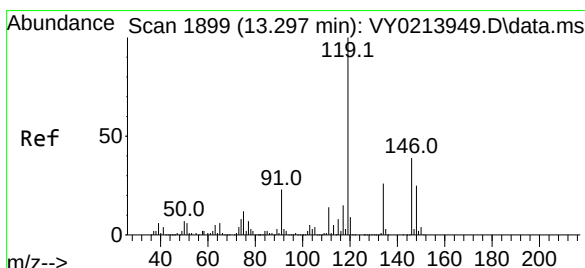
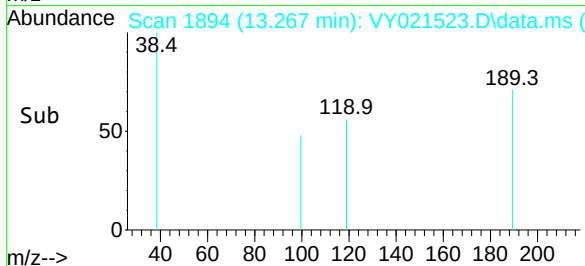
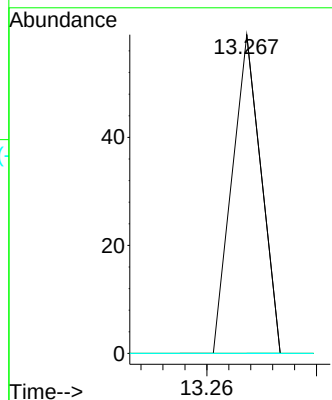
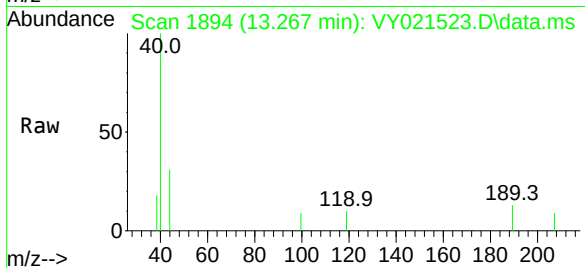
Instrument :

MSVOA_Y

ClientSampleId :

OR-02-031225

Tgt Ion:119	Resp:	22
Ion	Ratio	Lower Upper
119	100	
91	0.0	33.2 99.6#
134	0.0	13.5 40.5#



#86

p-Isopropyltoluene

Concen: 3.081 ug/l

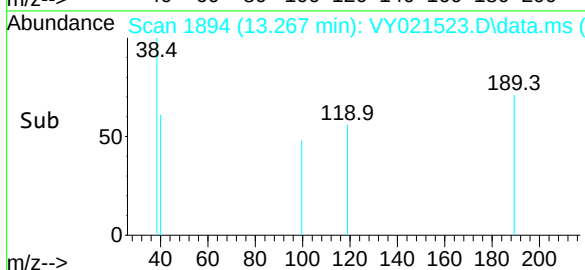
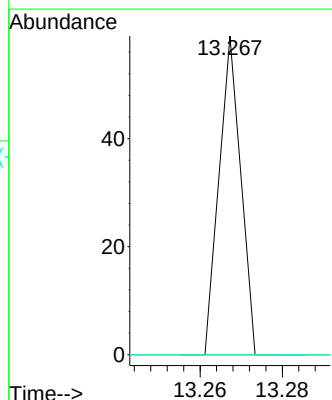
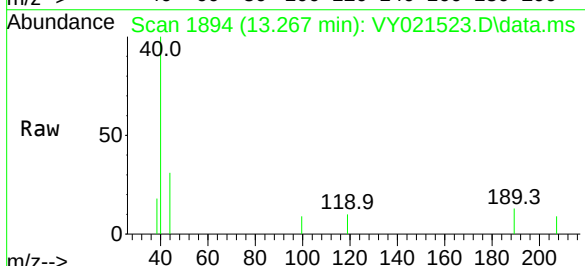
RT: 13.267 min Scan# 1894

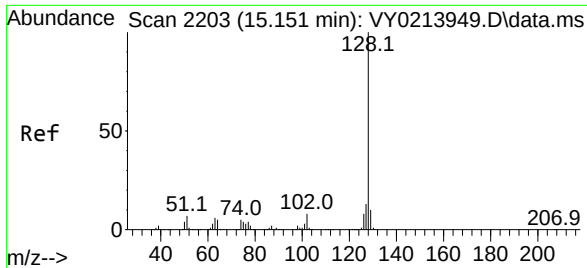
Delta R.T. -0.030 min

Lab File: VY021523.D

Acq: 13 Mar 2025 14:21

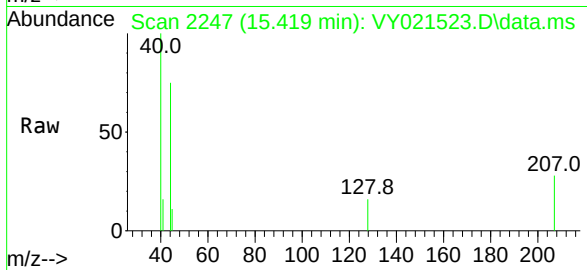
Tgt Ion:119	Resp:	22
Ion	Ratio	Lower Upper
119	100	
134	0.0	13.1 39.1#
91	0.0	12.2 36.6#





#95
Naphthalene
Concen: 11.729 ug/l
RT: 15.419 min Scan# 21
Delta R.T. 0.268 min
Lab File: VY021523.D
Acq: 13 Mar 2025 14:21

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-031225



Tgt Ion:128 Resp: 29
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

