

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016452.D
 Acq On : 22 Nov 2023 10:34
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:03:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	158532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	248319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	219687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	108495	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	74487	51.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.820%	
35) Dibromofluoromethane	7.728	113	79310	56.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.440%	
50) Toluene-d8	10.191	98	294825	51.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.489	95	101449	54.605	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34437	22.185	ug/l	98
3) Chloromethane	2.119	50	35098	19.306	ug/l	94
4) Vinyl Chloride	2.253	62	37174	19.016	ug/l	97
5) Bromomethane	2.650	94	25421	19.787	ug/l	99
6) Chloroethane	2.796	64	23621	18.936	ug/l	96
7) Trichlorofluoromethane	3.131	101	62343	21.920	ug/l	100
8) Diethyl Ether	3.534	74	18639	21.927	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.906	101	35315	20.616	ug/l	97
10) Methyl Iodide	4.101	142	38842	20.995	ug/l	97
11) Tert butyl alcohol	4.972	59	14616	128.819	ug/l #	86
12) 1,1-Dichloroethene	3.875	96	33177	20.709	ug/l	83
13) Acrolein	3.735	56	11986	87.582	ug/l	97
14) Allyl chloride	4.491	41	41875	18.420	ug/l #	87
15) Acrylonitrile	5.174	53	37853	112.212	ug/l	98
16) Acetone	3.954	43	41225	172.008	ug/l #	86
17) Carbon Disulfide	4.204	76	101083	20.912	ug/l	98
18) Methyl Acetate	4.485	43	27459	21.561	ug/l #	85
19) Methyl tert-butyl Ether	5.235	73	83529	21.542	ug/l	97
20) Methylene Chloride	4.729	84	49247	27.522	ug/l #	81
21) trans-1,2-Dichloroethene	5.228	96	37646	20.409	ug/l	85
22) Diisopropyl ether	6.131	45	90278	18.426	ug/l #	87
23) Vinyl Acetate	6.070	43	234374	98.726	ug/l #	88
24) 1,1-Dichloroethane	6.027	63	59390	19.649	ug/l	95
25) 2-Butanone	6.996	43	56820	135.353	ug/l #	88
26) 2,2-Dichloropropane	6.990	77	55121	20.037	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	41593	20.924	ug/l	87
28) Bromochloromethane	7.344	49	22449	20.068	ug/l #	73
29) Tetrahydrofuran	7.362	42	30173	108.743	ug/l #	82
30) Chloroform	7.515	83	64055	20.360	ug/l	96
31) Cyclohexane	7.795	56	54011	18.933	ug/l #	79
32) 1,1,1-Trichloroethane	7.716	97	60506	20.980	ug/l	95
36) 1,1-Dichloropropene	7.929	75	49694	20.288	ug/l	97
37) Ethyl Acetate	7.088	43	21464	21.688	ug/l #	90
38) Carbon Tetrachloride	7.917	117	56701	22.305	ug/l	98
39) Methylcyclohexane	9.197	83	62586	20.506	ug/l	90
40) Benzene	8.173	78	144646	21.019	ug/l	99

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Quant Time: Nov 23 04:03:25 2023
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	28290	56.692	ug/l #	27
42) 1,2-Dichloroethane	8.246	62	38608	21.653	ug/l	92
43) Isopropyl Acetate	8.283	43	39807	20.808	ug/l #	87
44) Trichloroethene	8.947	130	42726	21.603	ug/l	97
45) 1,2-Dichloropropane	9.228	63	33123	20.042	ug/l	99
46) Dibromomethane	9.313	93	20574	22.972	ug/l	98
47) Bromodichloromethane	9.508	83	48973	21.270	ug/l	99
48) Methyl methacrylate	9.301	41	22741	21.509	ug/l #	80
49) 1,4-Dioxane	9.313	88	4699	494.211	ug/l #	66
51) 4-Methyl-2-Pentanone	10.081	43	106596	110.191	ug/l #	86
52) Toluene	10.258	92	92241	21.204	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	48419	21.692	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	56753	21.288	ug/l #	87
55) 1,1,2-Trichloroethane	10.654	97	28146	22.801	ug/l	95
56) Ethyl methacrylate	10.520	69	26426	22.678	ug/l #	77
57) 1,3-Dichloropropane	10.801	76	46480	22.090	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	84332	106.734	ug/l #	88
59) 2-Hexanone	10.843	43	89209	123.978	ug/l	83
60) Dibromochloromethane	10.996	129	36465	23.620	ug/l	99
61) 1,2-Dibromoethane	11.099	107	27324	23.234	ug/l	98
64) Tetrachloroethene	10.727	164	43991	22.301	ug/l	97
65) Chlorobenzene	11.526	112	98659	21.020	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	38493	22.235	ug/l	99
67) Ethyl Benzene	11.599	91	173622	20.583	ug/l	99
68) m/p-Xylenes	11.709	106	135196	42.256	ug/l	94
69) o-Xylene	12.038	106	62627	21.083	ug/l	96
70) Styrene	12.056	104	92649	21.782	ug/l	97
71) Bromoform	12.215	173	22163	24.673	ug/l #	99
73) Isopropylbenzene	12.337	105	171994	19.577	ug/l	100
74) N-amyl acetate	12.154	43	33649	19.067	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.593	83	30107	21.356	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	39740	38.183	ug/l #	100
77) Bromobenzene	12.617	156	41673	20.987	ug/l	91
78) n-propylbenzene	12.678	91	200918	19.351	ug/l	98
79) 2-Chlorotoluene	12.764	91	110789	19.362	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	141429	19.966	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	10889	22.709	ug/l #	86
82) 4-Chlorotoluene	12.861	91	117803	19.924	ug/l	98
83) tert-Butylbenzene	13.081	119	125702	20.147	ug/l	96
84) 1,2,4-Trimethylbenzene	13.129	105	141302	20.259	ug/l	99
85) sec-Butylbenzene	13.264	105	174734	19.603	ug/l	98
86) p-Isopropyltoluene	13.379	119	154451	20.123	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	78636	20.584	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	78092	20.917	ug/l	99
89) n-Butylbenzene	13.703	91	137755	19.435	ug/l	96
90) Hexachloroethane	13.971	117	29557	19.963	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	69388	21.197	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4868	21.703	ug/l	83
93) 1,2,4-Trichlorobenzene	15.013	180	42335	22.156	ug/l	98
94) Hexachlorobutadiene	15.123	225	24810	22.664	ug/l	99
95) Naphthalene	15.245	128	79086	23.142	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	34738	21.980	ug/l	97

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ALS Vial : 7 Sample Multiplier: 1

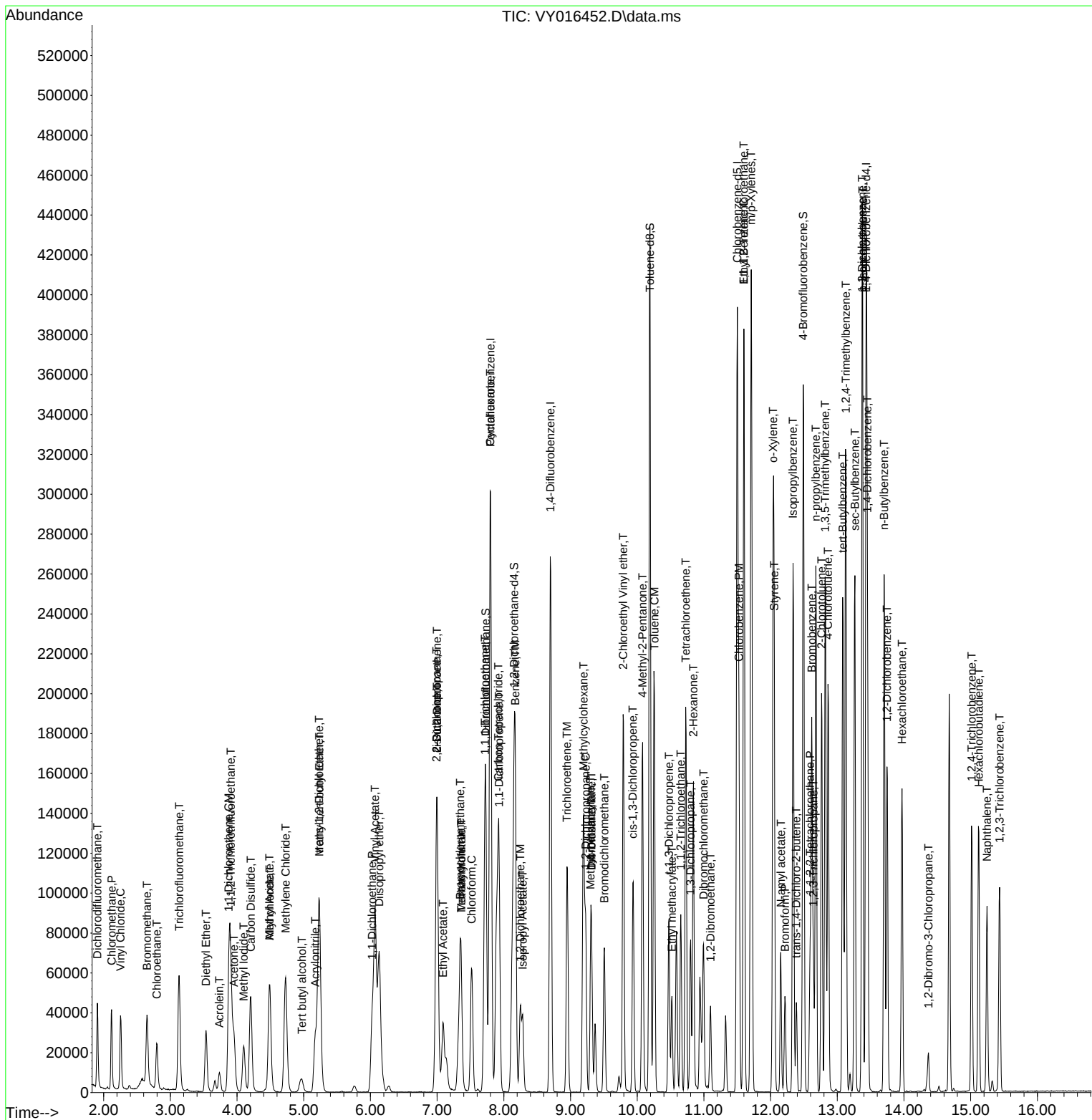
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MSVOA_Y
ClientSampleId :

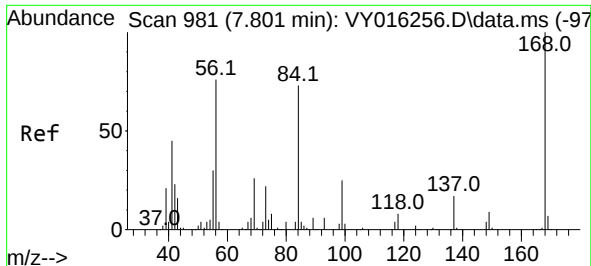
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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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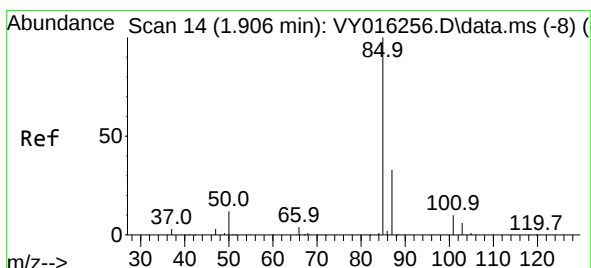
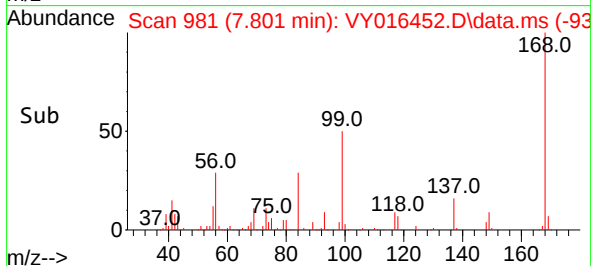
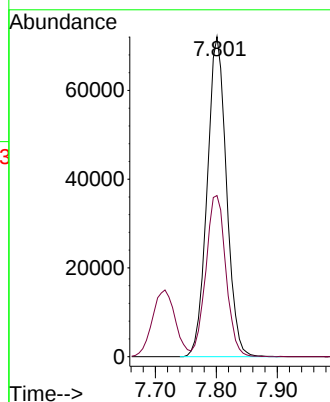
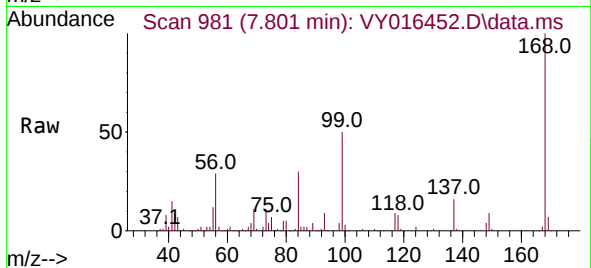




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016452.D
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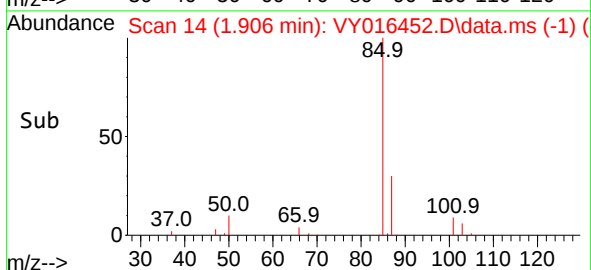
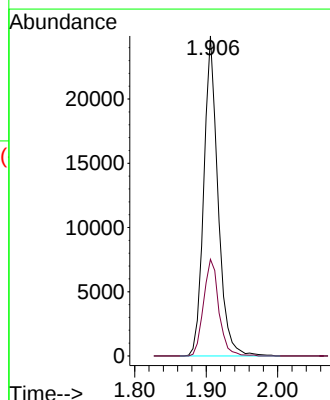
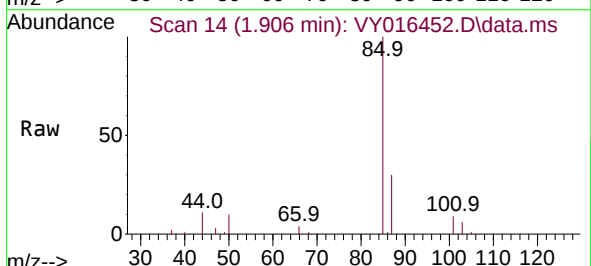
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ClientSampleId :

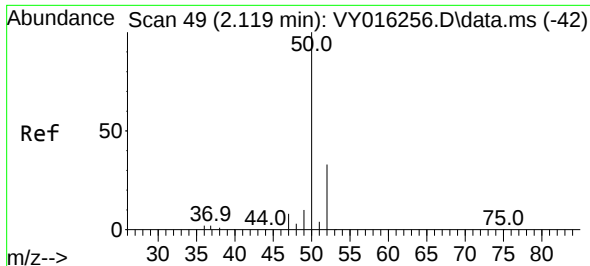
Tgt Ion:168 Resp: 158532
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 22.185 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 85 Resp: 34437
Ion Ratio Lower Upper
85 100
87 30.2 15.6 46.8

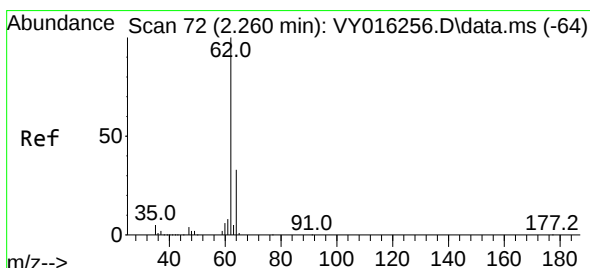
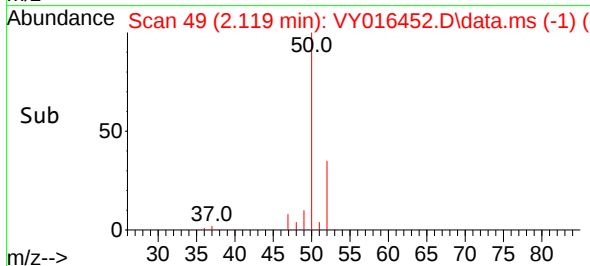
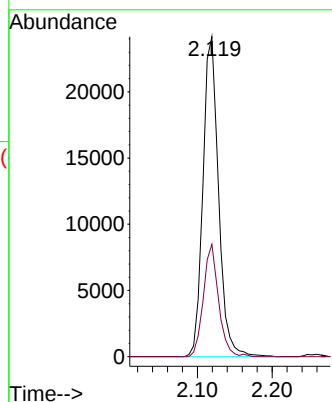
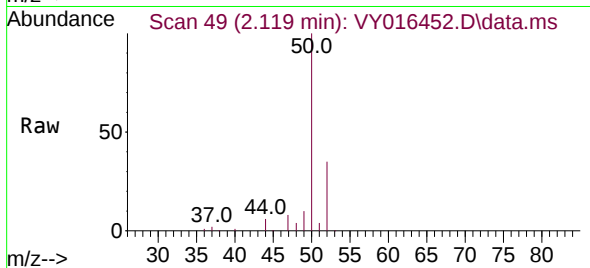




#3
Chloromethane
Concen: 19.306 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

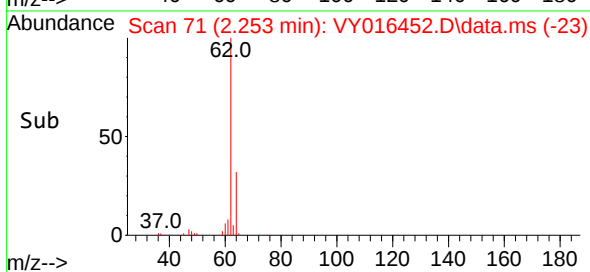
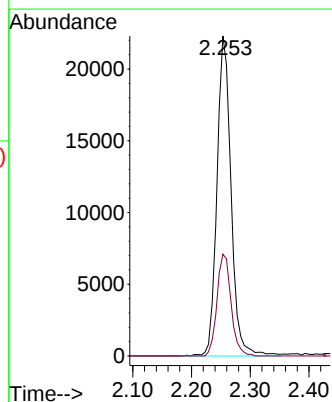
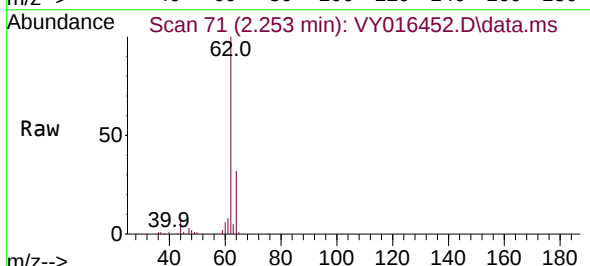
Instrument :
MSVOA_Y
ClientSampleId :

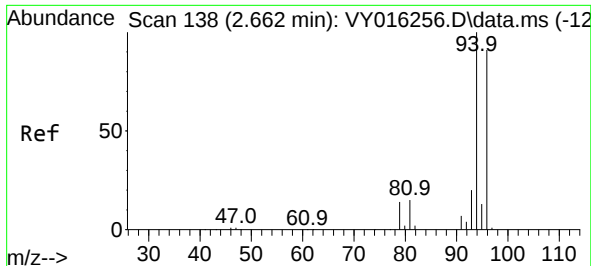
Tgt Ion: 50 Resp: 35098
Ion Ratio Lower Upper
50 100
52 35.1 25.4 38.2



#4
Vinyl Chloride
Concen: 19.016 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 62 Resp: 37174
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5

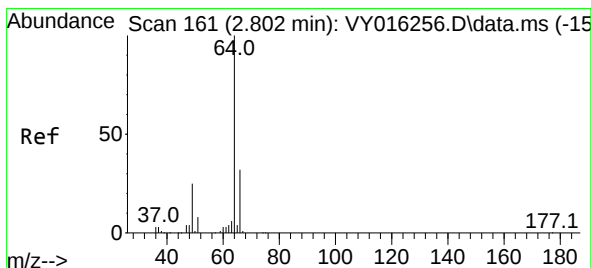
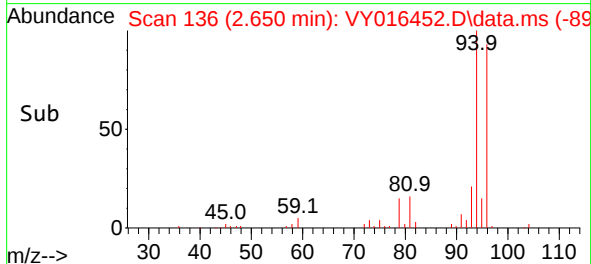
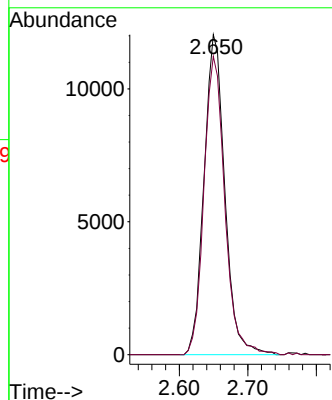
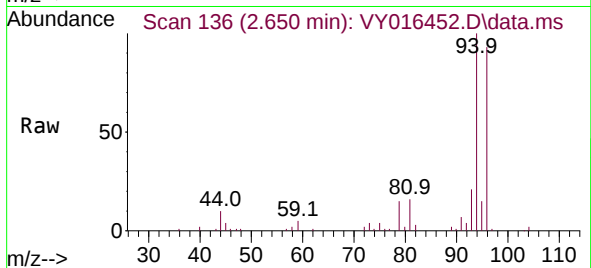




#5
Bromomethane
Concen: 19.787 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

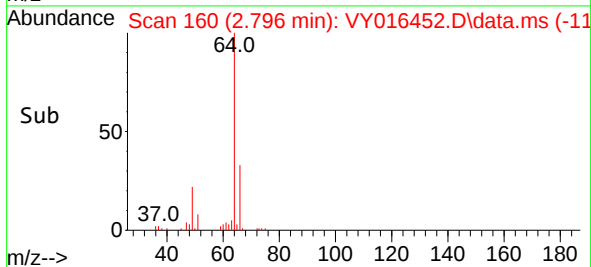
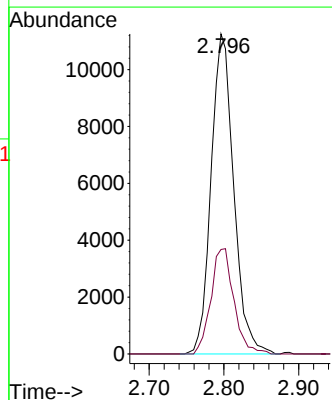
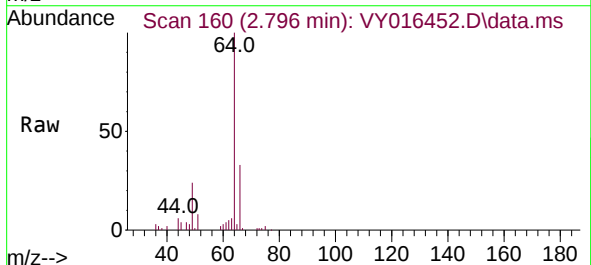
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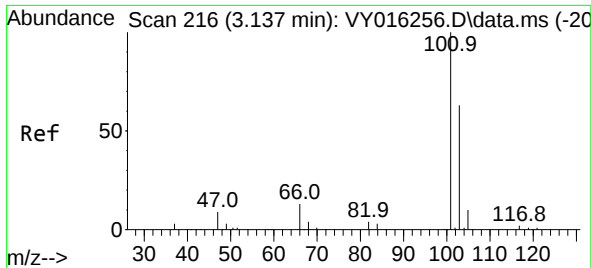
Tgt Ion: 94 Resp: 25421
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.6



#6
Chloroethane
Concen: 18.936 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 64 Resp: 23621
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6

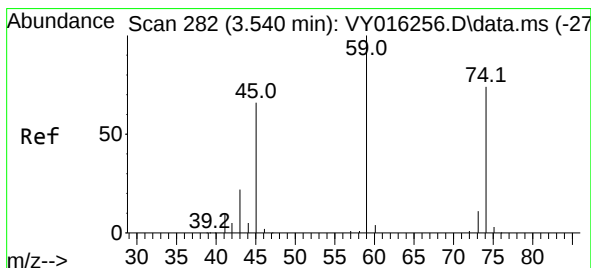
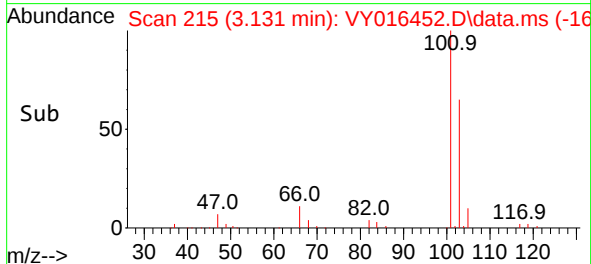
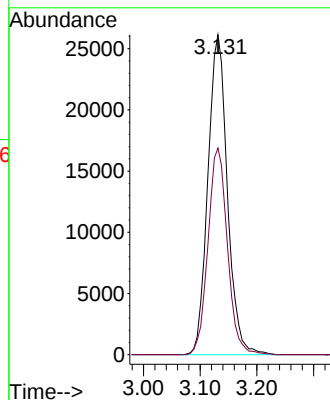
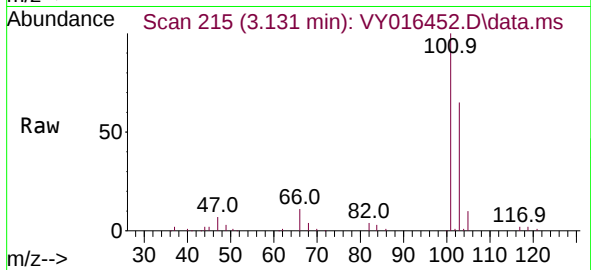




#7
Trichlorofluoromethane
Concen: 21.920 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

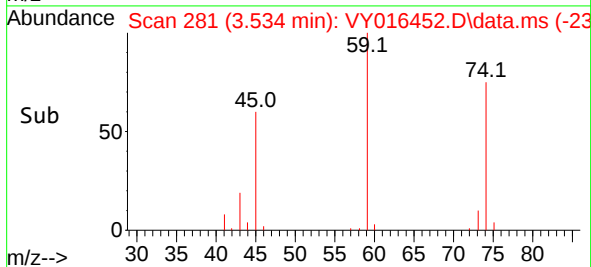
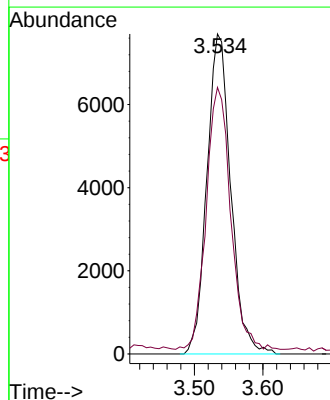
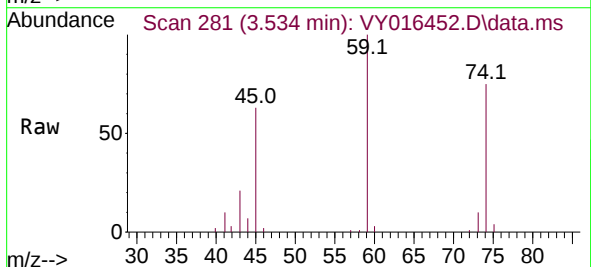
Instrument :
MSVOA_Y
ClientSampleId :

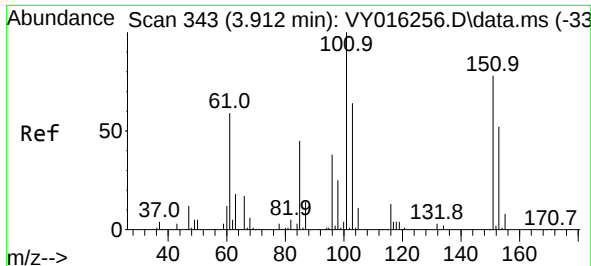
Tgt Ion:101 Resp: 62343
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0



#8
Diethyl Ether
Concen: 21.927 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.006 min
Lab File: VY016452.D
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Tgt Ion: 74 Resp: 18639
Ion Ratio Lower Upper
74 100
45 83.6 51.5 154.5

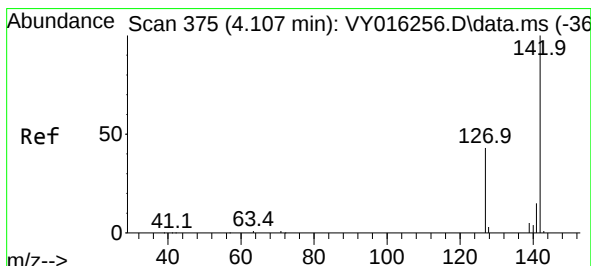
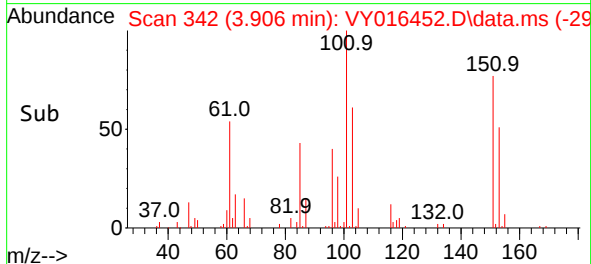
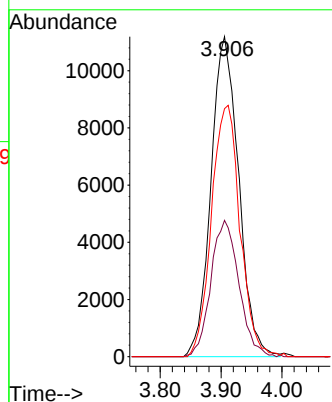
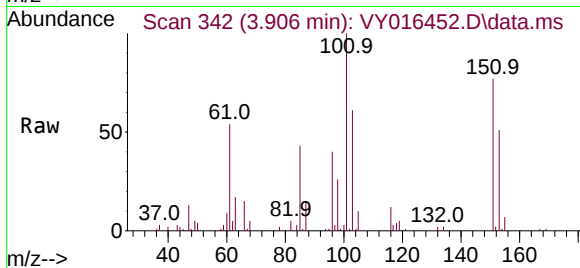




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.616 ug/l
RT: 3.906 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

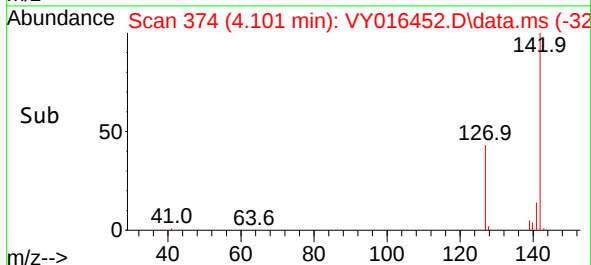
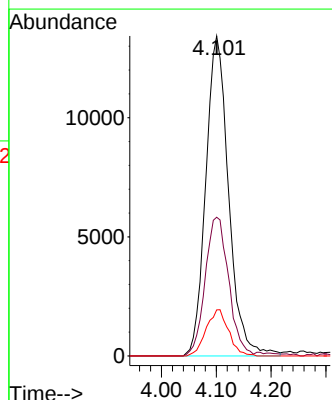
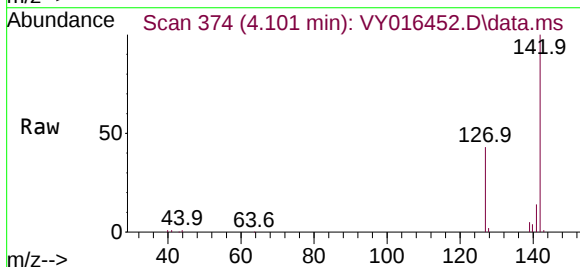
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 35315
Ion Ratio Lower Upper
101 100
85 43.2 36.6 55.0
151 81.0 67.0 100.6



#10
Methyl Iodide
Concen: 20.995 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

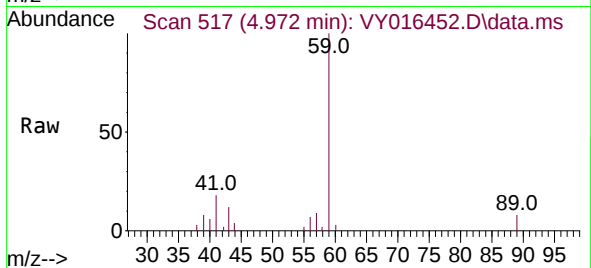
Tgt Ion:142 Resp: 38842
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 14.2 11.8 17.8



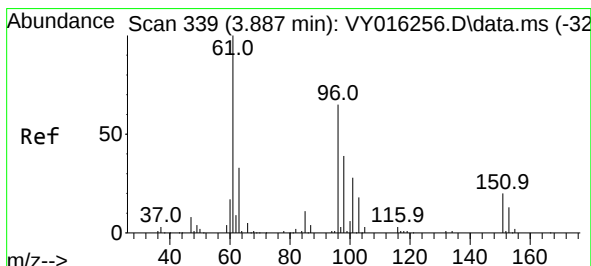
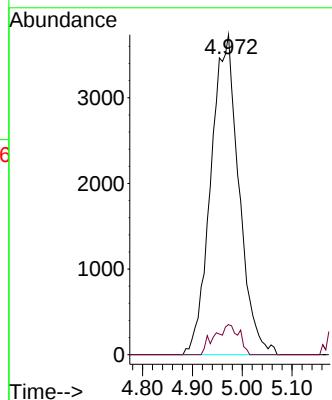
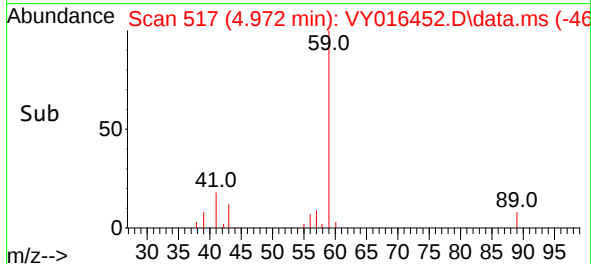


#11
Tert butyl alcohol
Concen: 128.819 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

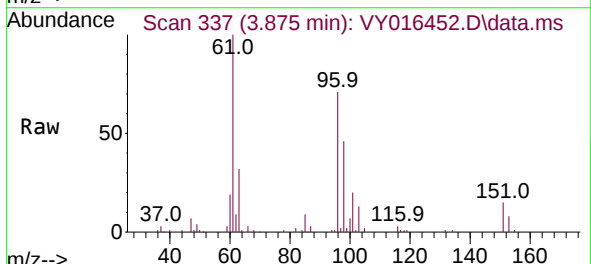
Instrument :
MSVOA_Y
ClientSampleId :



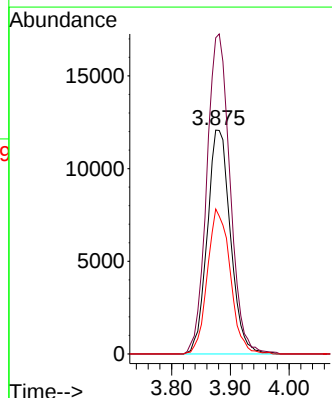
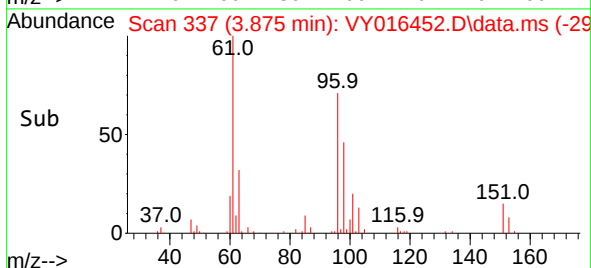
Tgt Ion: 59 Resp: 14616
Ion Ratio Lower Upper
59 100
57 8.2 3.0 4.4#

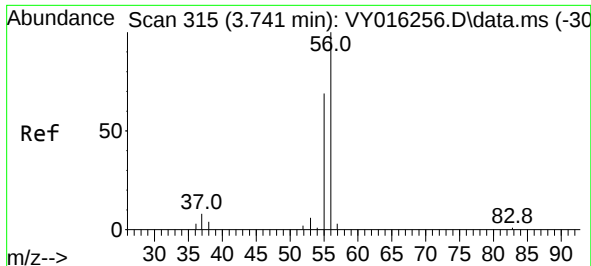


#12
1,1-Dichloroethene
Concen: 20.709 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34



Tgt Ion: 96 Resp: 33177
Ion Ratio Lower Upper
96 100
61 141.2 136.4 204.6
98 64.8 49.4 74.2





#13

Acrolein

Concen: 87.582 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

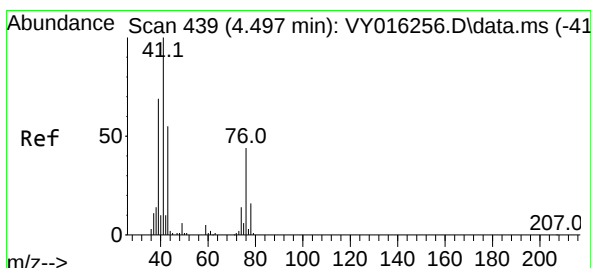
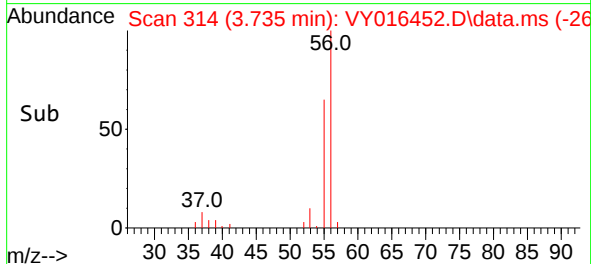
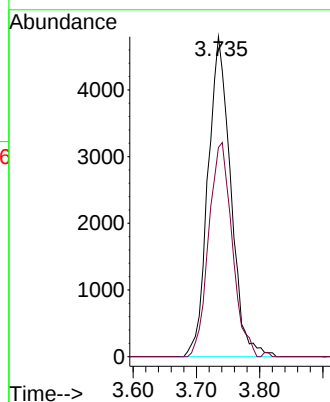
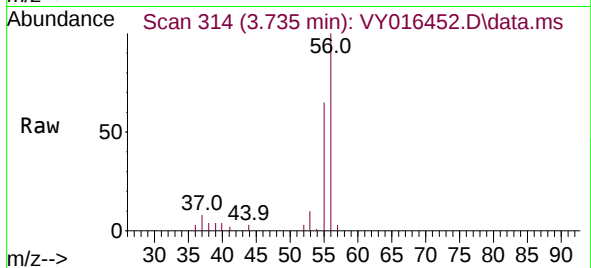
ClientSampleId :

Tgt Ion: 56 Resp: 11986

Ion Ratio Lower Upper

56 100

55 68.9 57.0 85.4



#14

Allyl chloride

Concen: 18.420 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

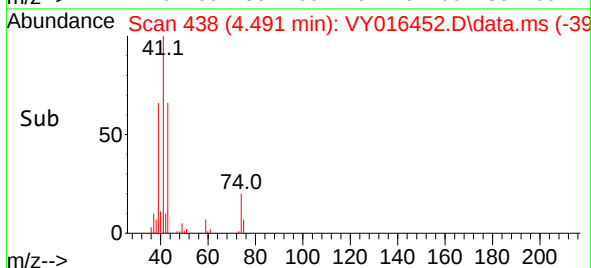
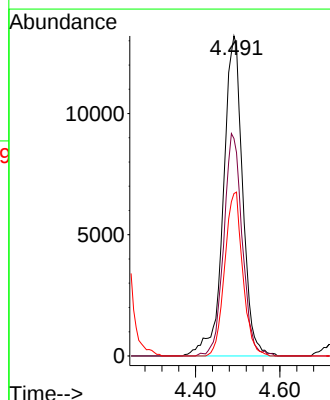
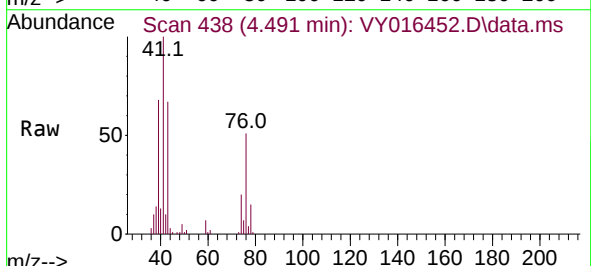
Tgt Ion: 41 Resp: 41875

Ion Ratio Lower Upper

41 100

39 66.3 58.0 87.0

76 47.7 27.4 41.2#

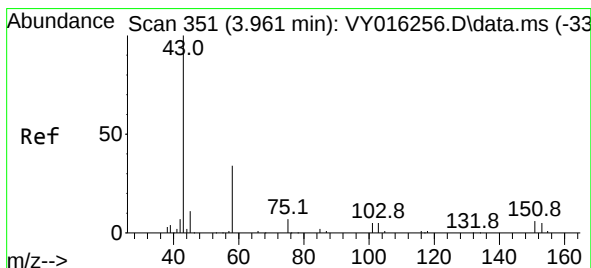
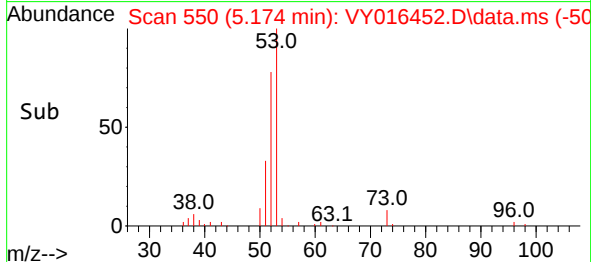
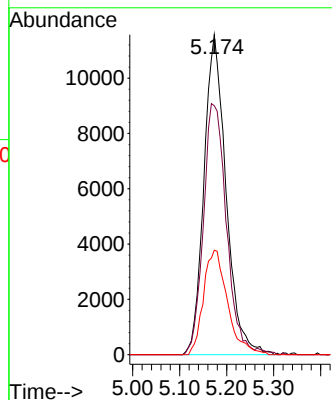
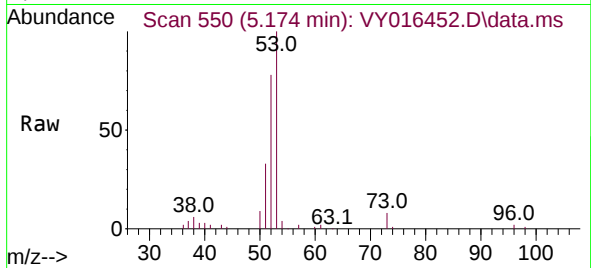




#15
Acrylonitrile
Concen: 112.212 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

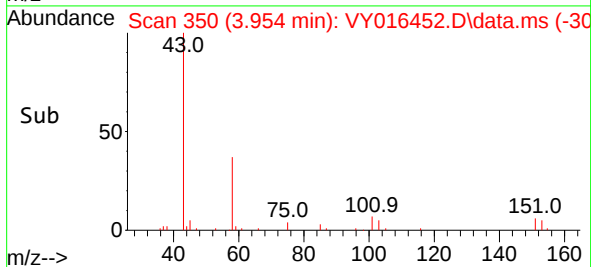
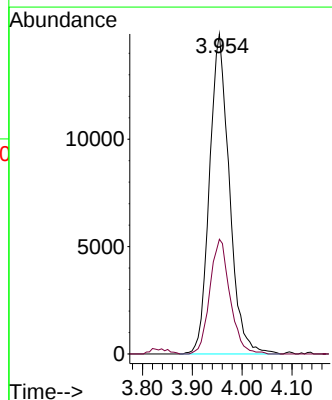
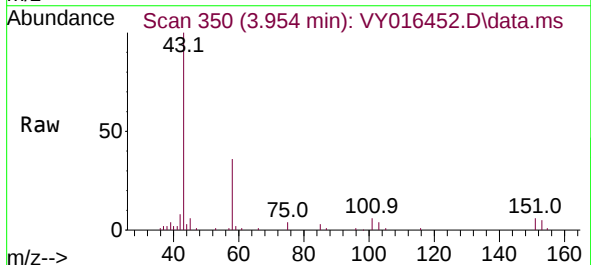
Instrument :
MSVOA_Y
ClientSampleId :

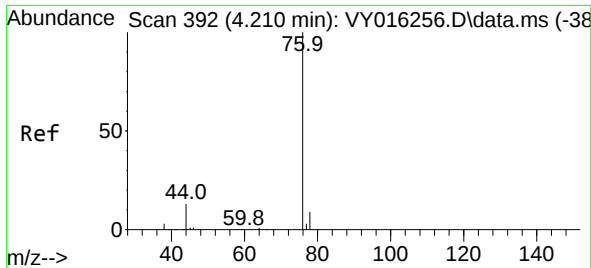
Tgt Ion: 53 Resp: 37853
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 35.5 29.8 44.6



#16
Acetone
Concen: 172.008 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 43 Resp: 41225
Ion Ratio Lower Upper
43 100
58 35.8 22.7 34.1#





#17

Carbon Disulfide

Concen: 20.912 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

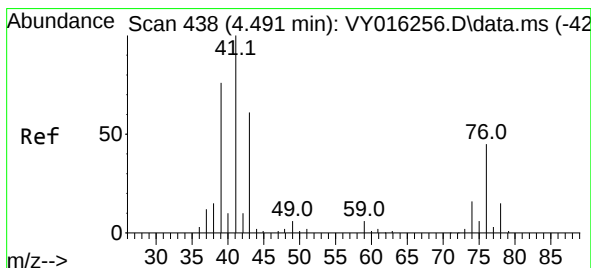
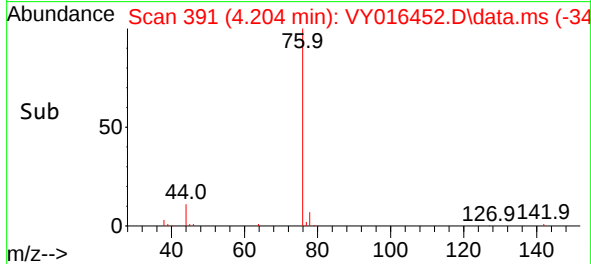
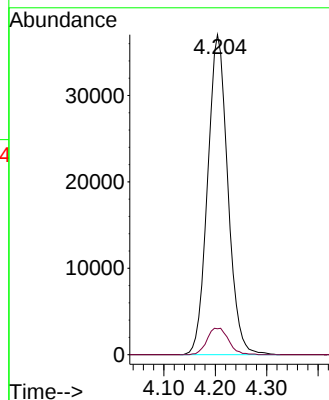
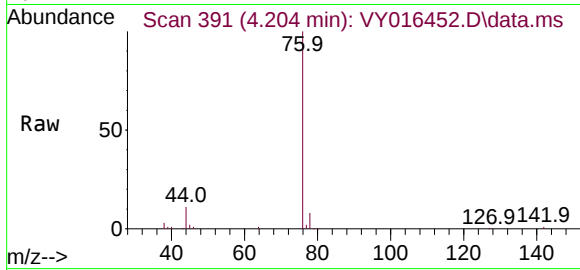
ClientSampleId :

Tgt Ion: 76 Resp: 101083

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.4



#18

Methyl Acetate

Concen: 21.561 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016452.D

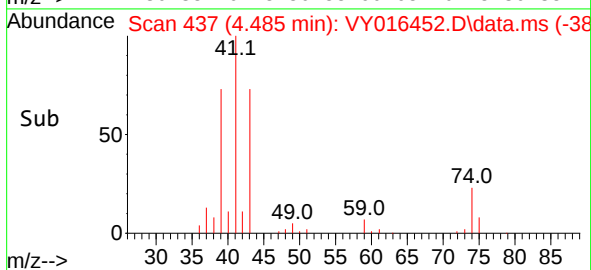
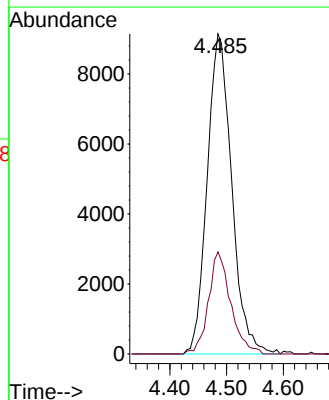
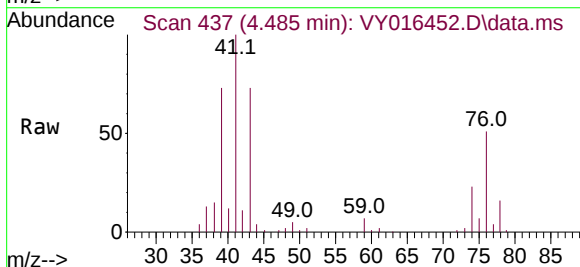
Acq: 22 Nov 2023 10:34

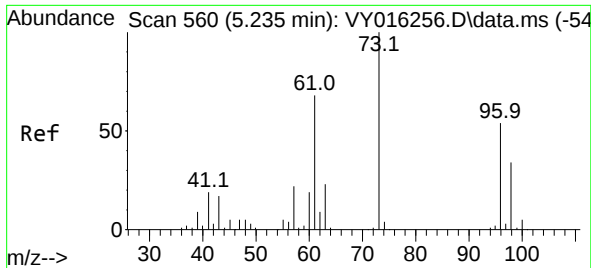
Tgt Ion: 43 Resp: 27459

Ion Ratio Lower Upper

43 100

74 28.9 17.4 26.0#

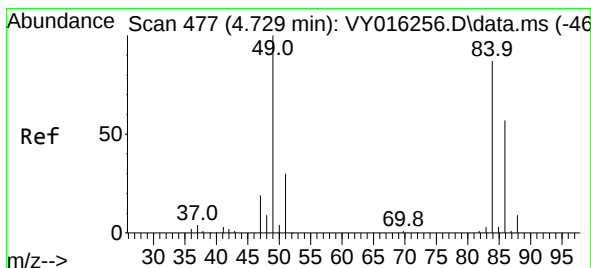
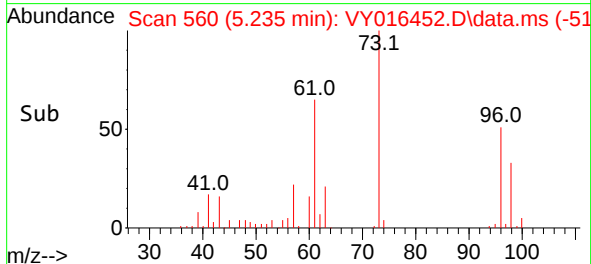
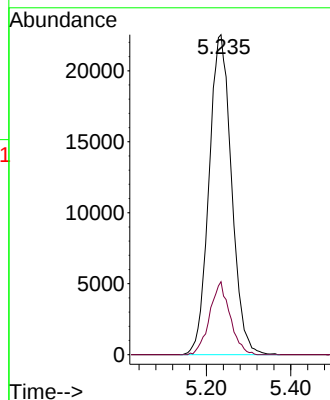
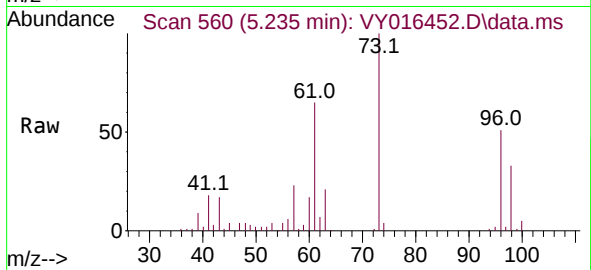




#19
Methyl tert-butyl Ether
Concen: 21.542 ug/l
RT: 5.235 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

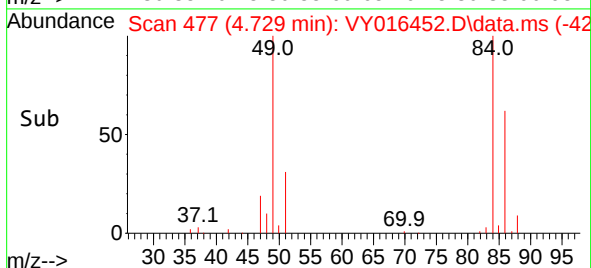
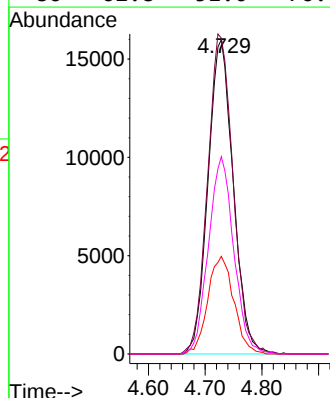
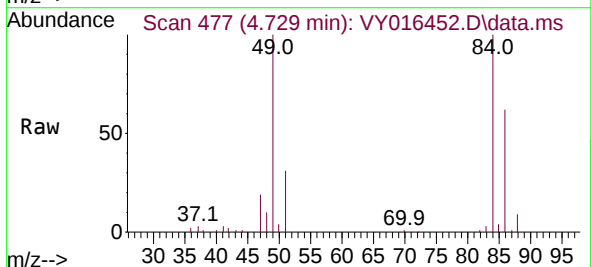
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 83529
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9



#20
Methylene Chloride
Concen: 27.522 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 84 Resp: 49247
Ion Ratio Lower Upper
84 100
49 100.5 106.9 160.3#
51 31.1 33.2 49.8#
86 62.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.409 ug/l

RT: 5.228 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

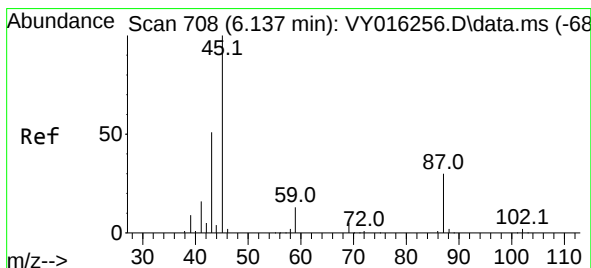
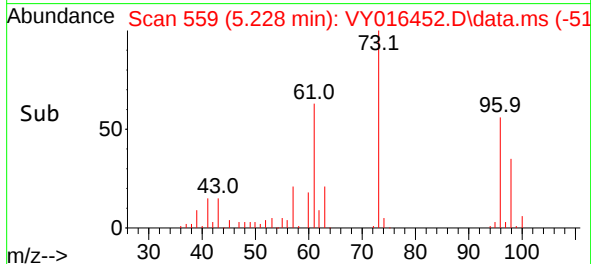
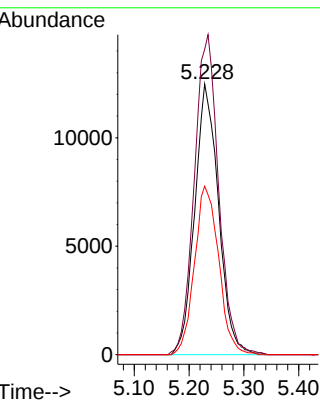
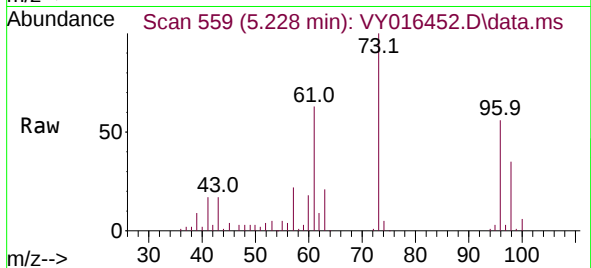
Tgt Ion: 96 Resp: 37646

Ion Ratio Lower Upper

96 100

61 112.8 110.2 165.4

98 62.2 51.8 77.6



#22

Diisopropyl ether

Concen: 18.426 ug/l

RT: 6.131 min Scan# 707

Delta R.T. -0.006 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Tgt Ion: 45 Resp: 90278

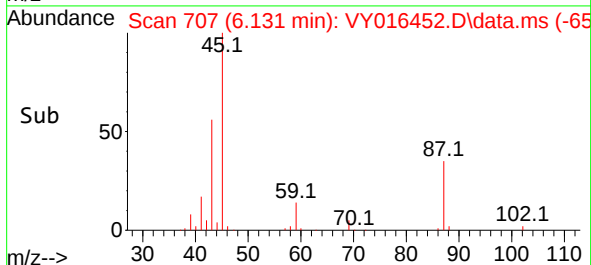
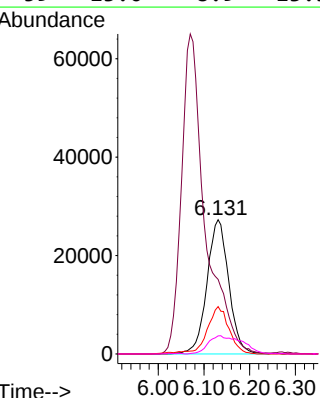
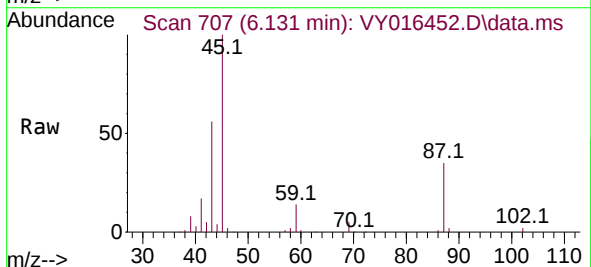
Ion Ratio Lower Upper

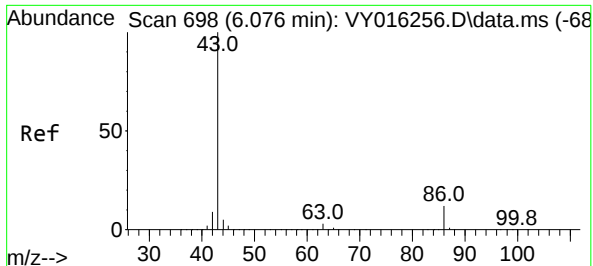
45 100

43 54.9 52.2 78.4

87 35.3 21.0 31.6#

59 13.0 8.9 13.3

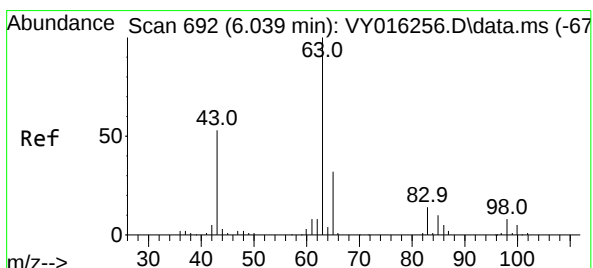
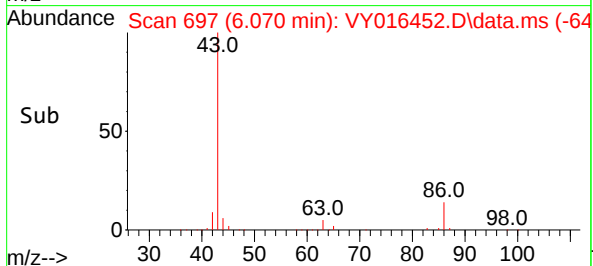
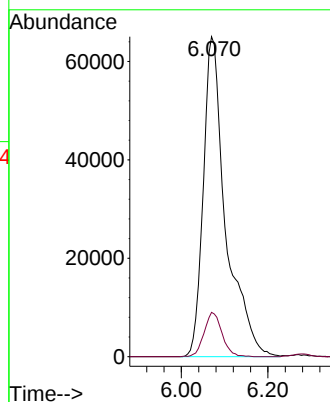
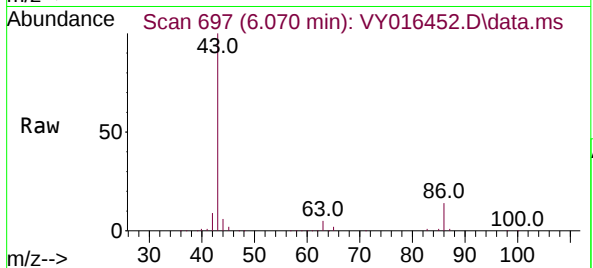




#23
 Vinyl Acetate
 Concen: 98.726 ug/l
 RT: 6.070 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY016452.D
 Acq: 22 Nov 2023 10:34

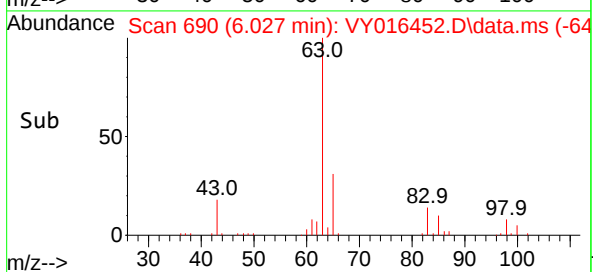
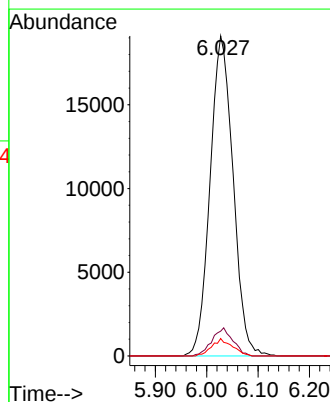
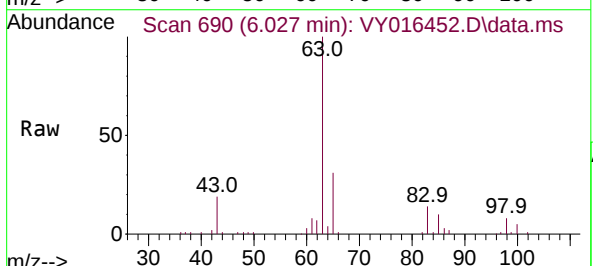
Instrument :
 MSVOA_Y
 ClientSampleId :

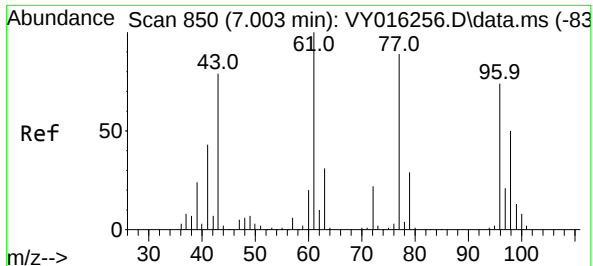
Tgt Ion: 43 Resp: 234374
 Ion Ratio Lower Upper
 43 100
 86 13.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.649 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.012 min
 Lab File: VY016452.D
 Acq: 22 Nov 2023 10:34

Tgt Ion: 63 Resp: 59390
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 5.4 1.8 5.5





#25

2-Butanone

Concen: 135.353 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

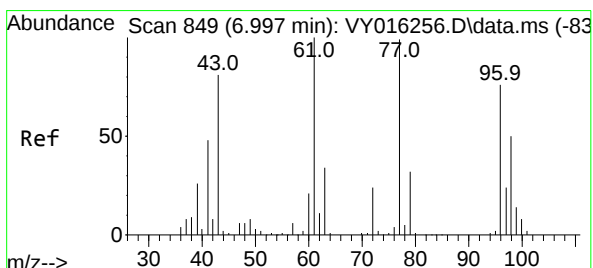
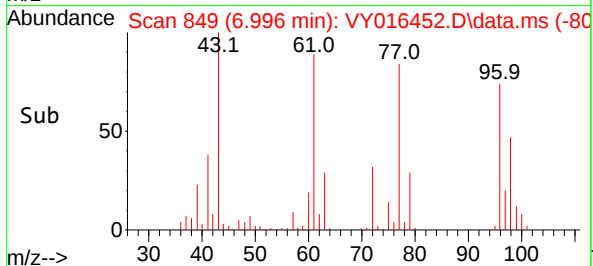
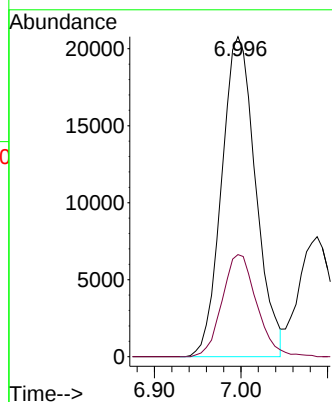
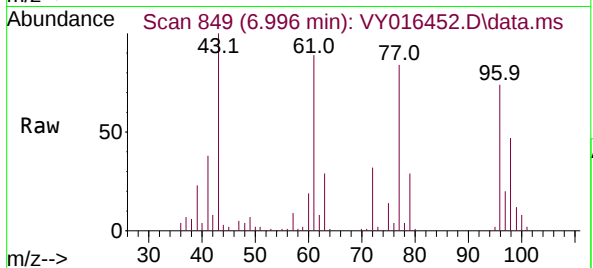
ClientSampleId :

Tgt Ion: 43 Resp: 56820

Ion Ratio Lower Upper

43 100

72 31.9 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 20.037 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016452.D

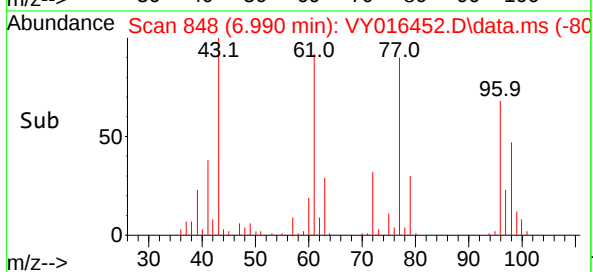
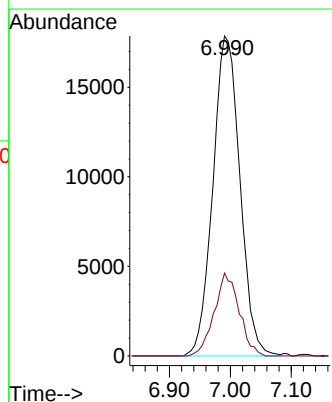
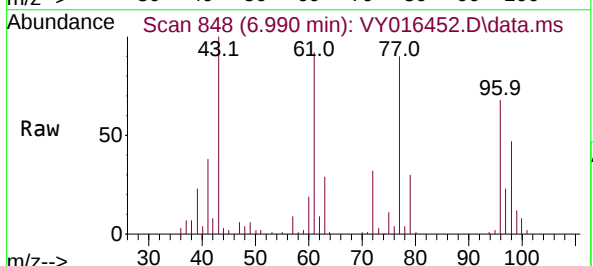
Acq: 22 Nov 2023 10:34

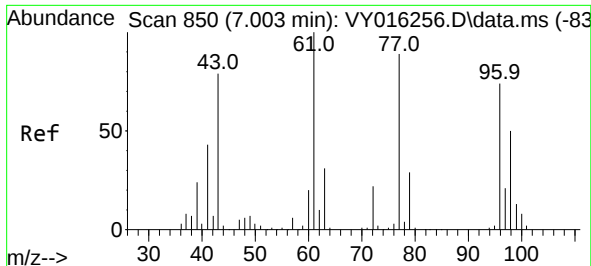
Tgt Ion: 77 Resp: 55121

Ion Ratio Lower Upper

77 100

97 23.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.924 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

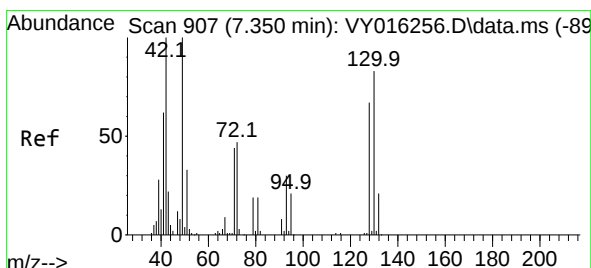
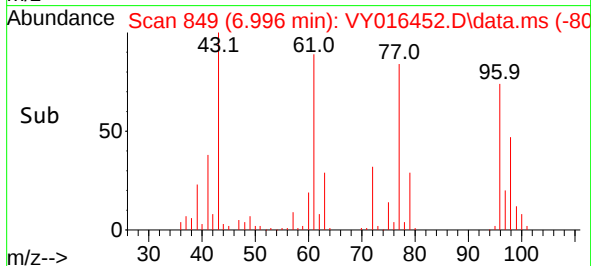
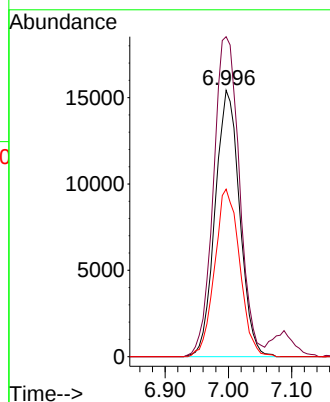
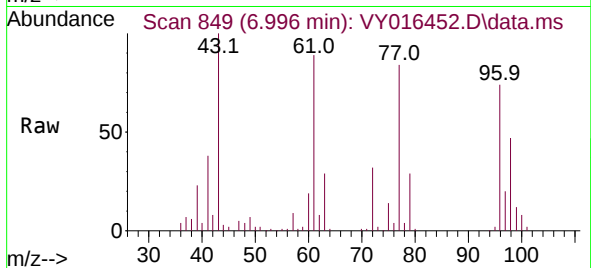
Tgt Ion: 96 Resp: 41593

Ion Ratio Lower Upper

96 100

61 127.3 0.0 301.4

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 20.068 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

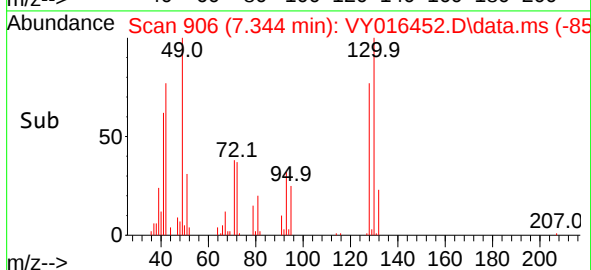
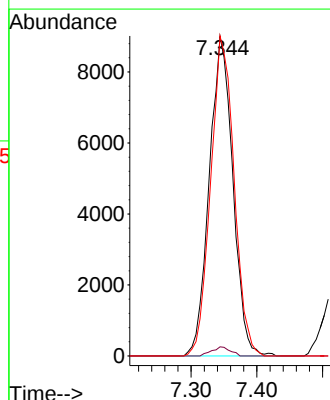
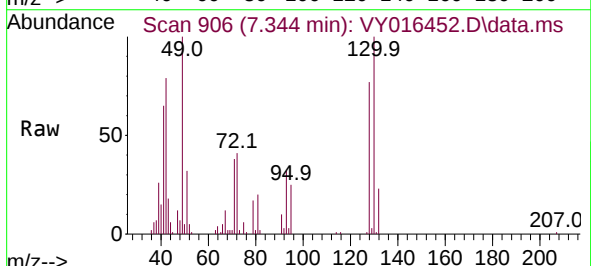
Tgt Ion: 49 Resp: 22449

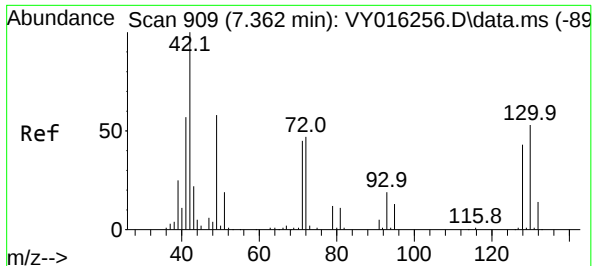
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 99.5 60.7 91.1#





#29

Tetrahydrofuran

Concen: 108.743 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

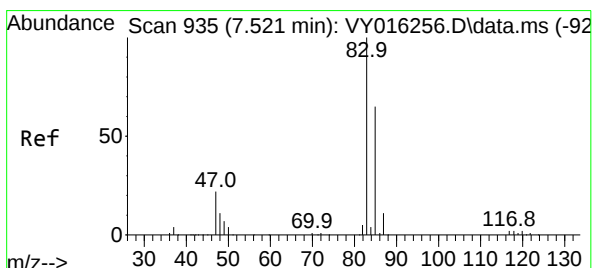
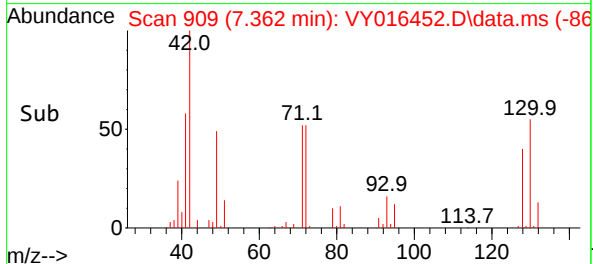
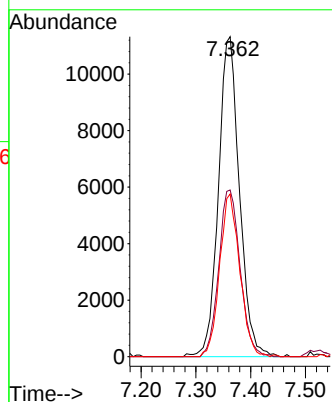
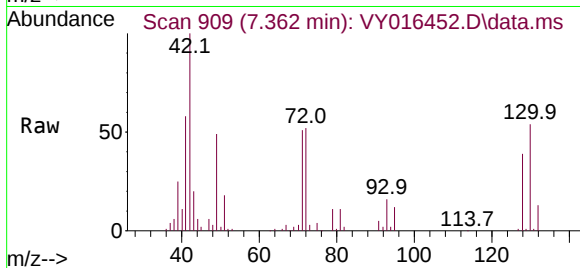
Tgt Ion: 42 Resp: 30173

Ion Ratio Lower Upper

42 100

72 52.8 32.8 49.2#

71 48.7 31.0 46.4#



#30

Chloroform

Concen: 20.360 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016452.D

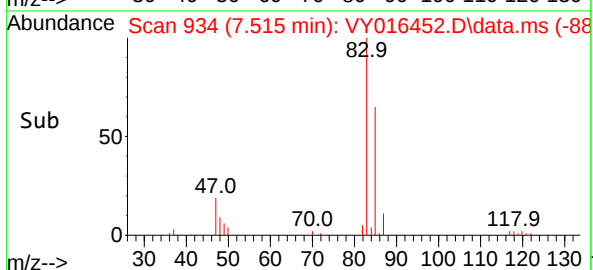
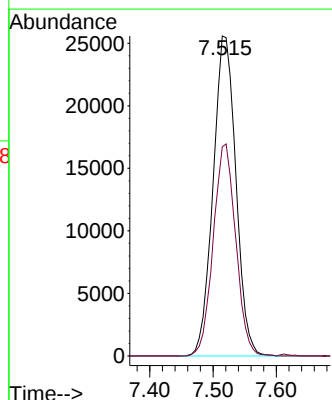
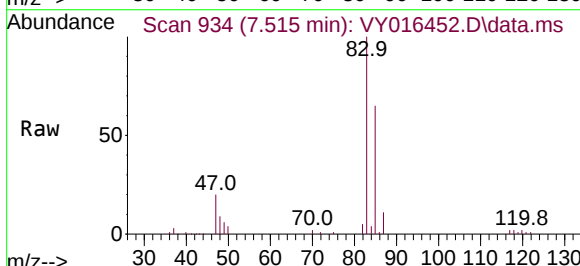
Acq: 22 Nov 2023 10:34

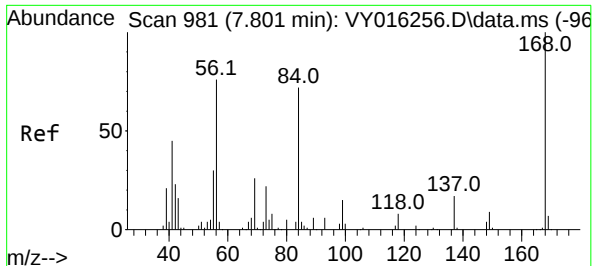
Tgt Ion: 83 Resp: 64055

Ion Ratio Lower Upper

83 100

85 65.4 49.7 74.5

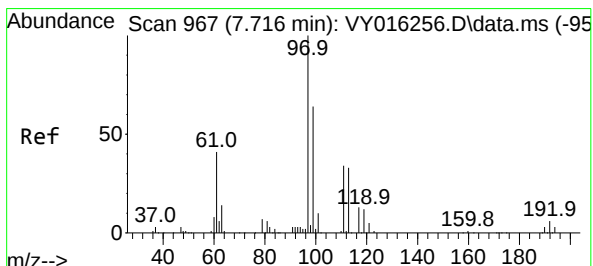
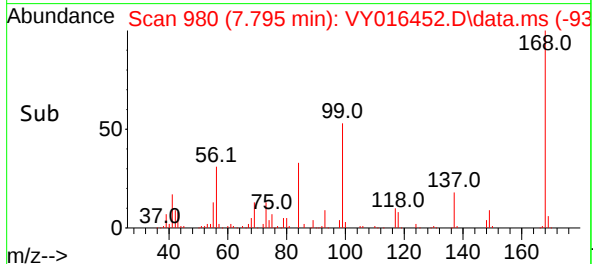
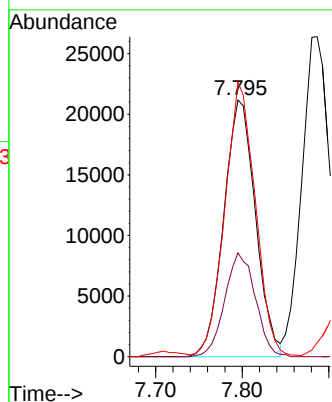
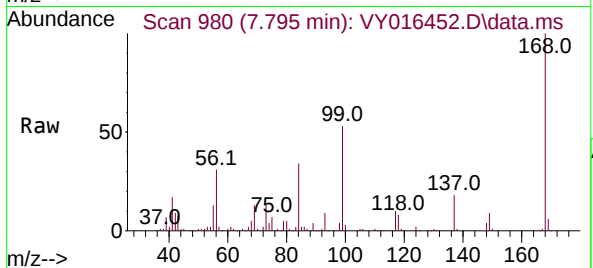




#31
Cyclohexane
Concen: 18.933 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

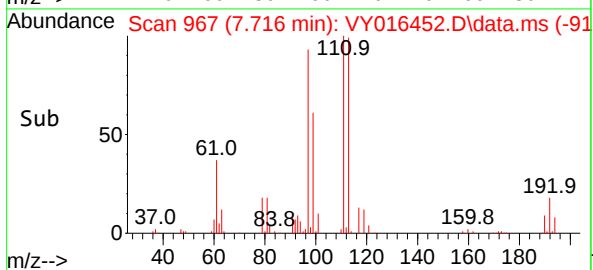
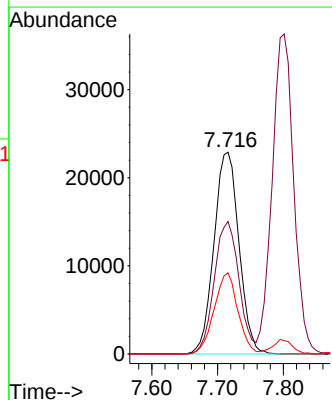
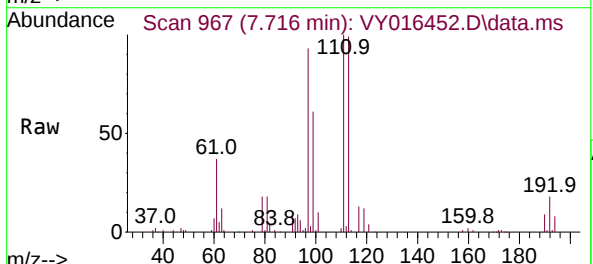
Instrument :
MSVOA_Y
ClientSampleId :

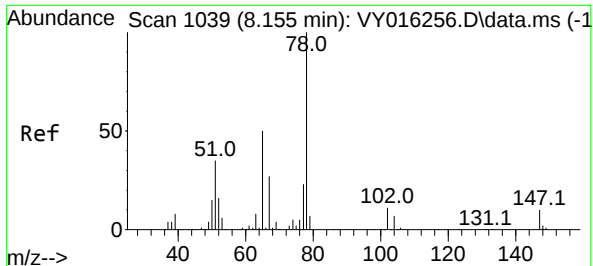
Tgt Ion: 56 Resp: 54011
Ion Ratio Lower Upper
56 100
69 40.5 27.8 41.6
84 105.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 20.980 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 97 Resp: 60506
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 38.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.409 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

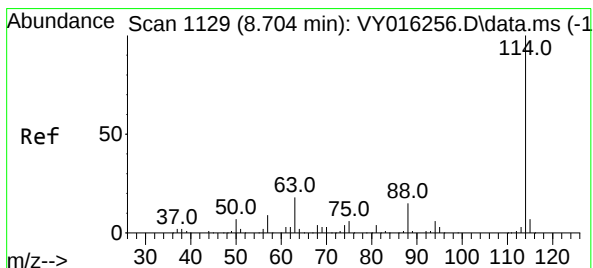
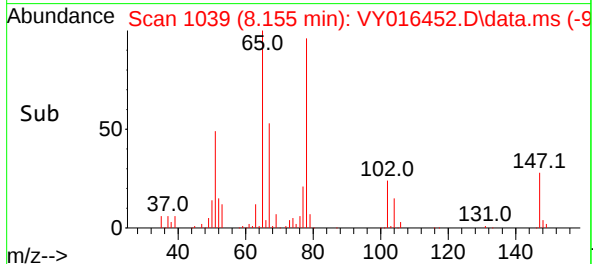
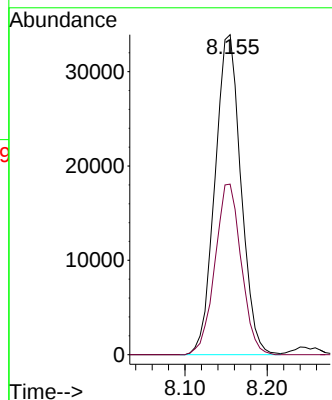
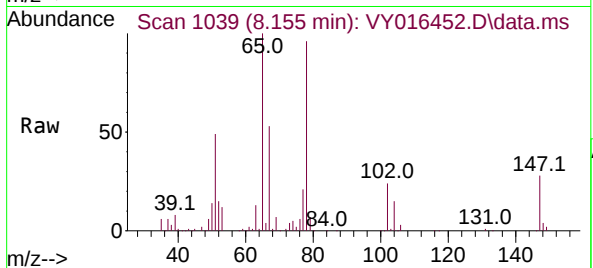
ClientSampleId :

Tgt Ion: 65 Resp: 74487

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

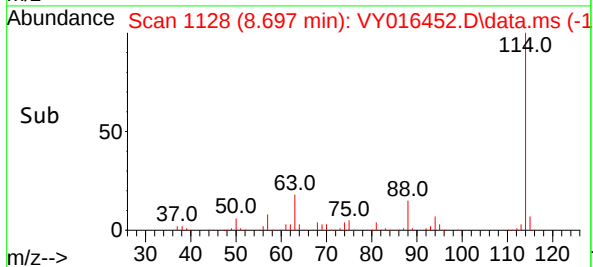
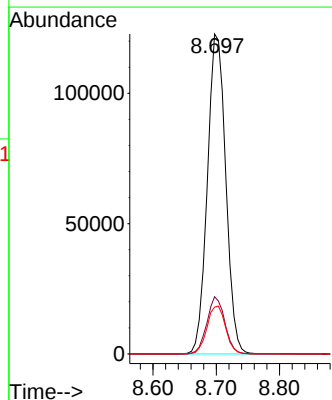
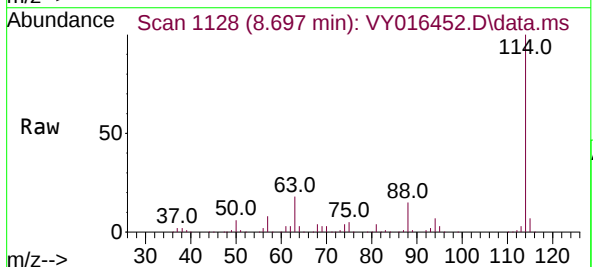
Tgt Ion:114 Resp: 248319

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 14.6 0.0 30.6

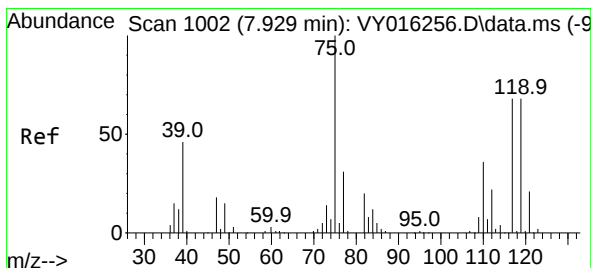
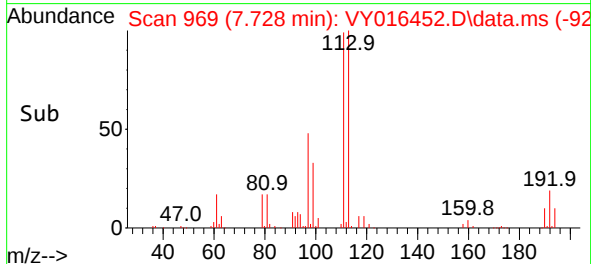
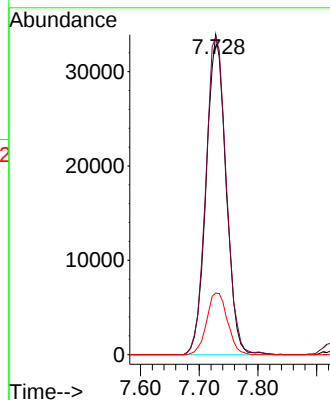
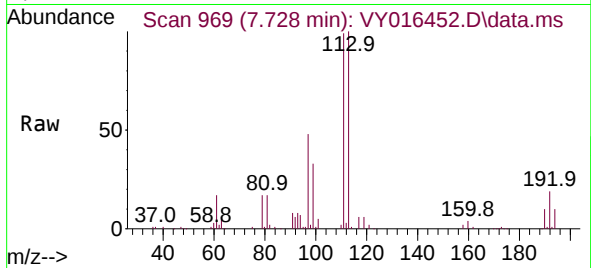




#35
Dibromofluoromethane
Concen: 56.224 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

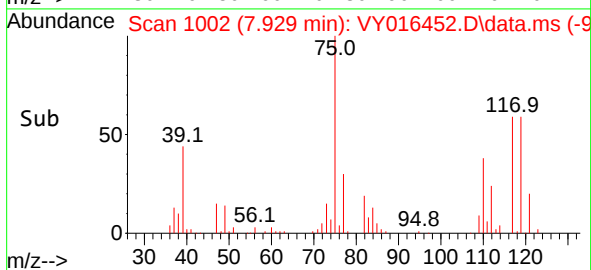
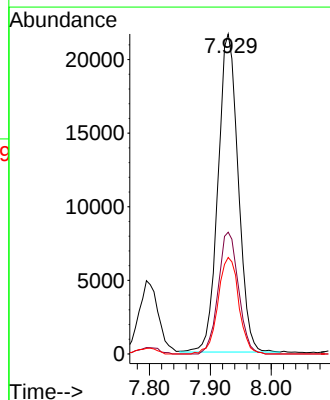
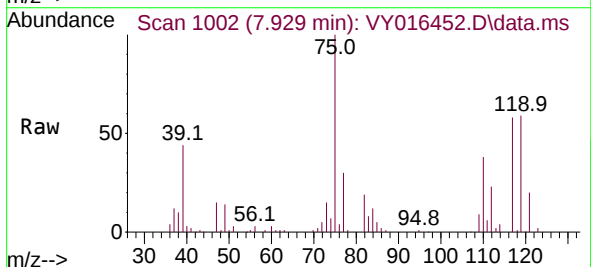
Instrument :
MSVOA_Y
ClientSampleId :

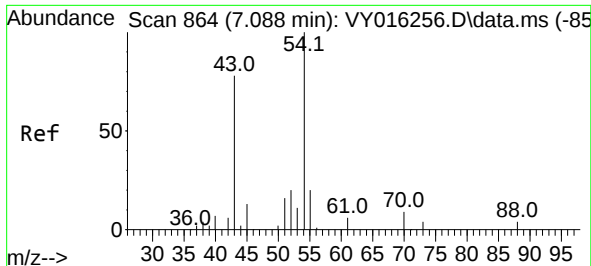
Tgt Ion:113 Resp: 79310
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.288 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 75 Resp: 49694
Ion Ratio Lower Upper
75 100
110 38.3 17.8 53.5
77 31.2 24.4 36.6

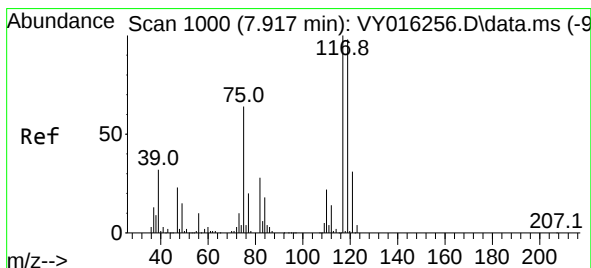
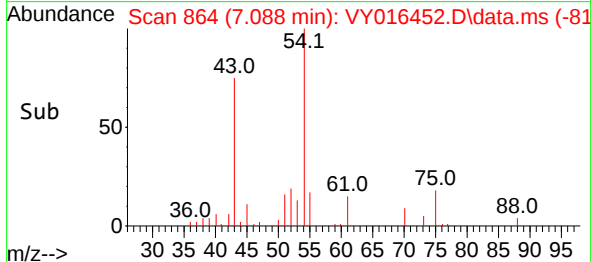
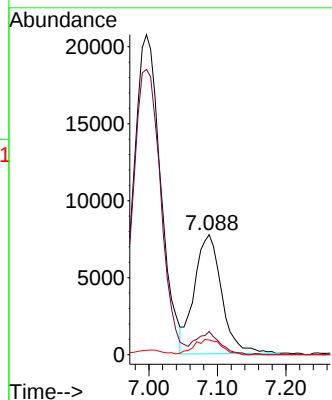
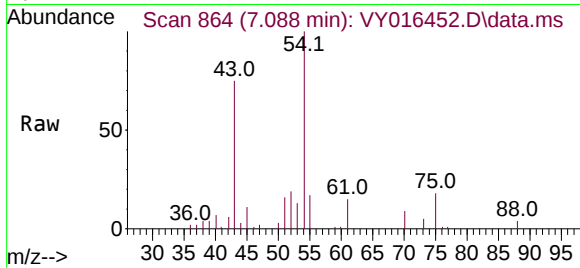




#37
Ethyl Acetate
Concen: 21.688 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

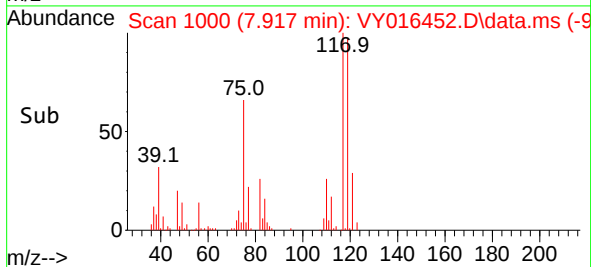
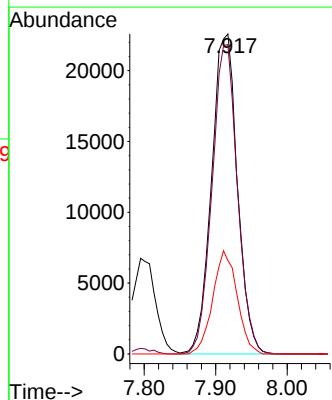
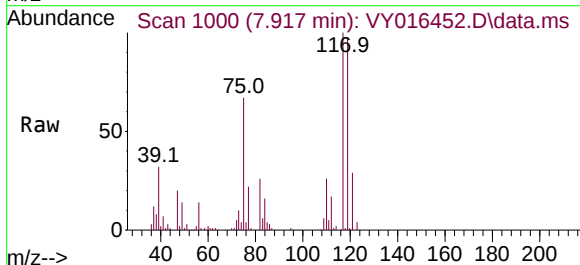
Instrument :
MSVOA_Y
ClientSampleId :

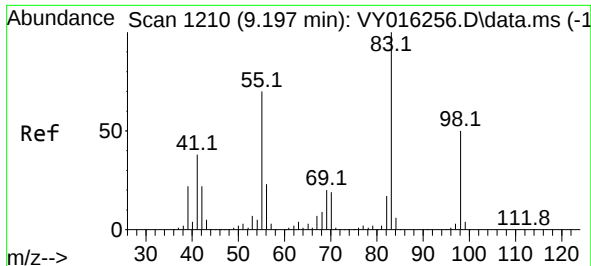
Tgt Ion: 43 Resp: 21464
Ion Ratio Lower Upper
43 100
61 16.6 10.1 15.1#
70 12.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 22.305 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 117 Resp: 56701
Ion Ratio Lower Upper
117 100
119 96.6 76.4 114.6
121 29.2 25.8 38.6





#39

Methylcyclohexane

Concen: 20.506 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

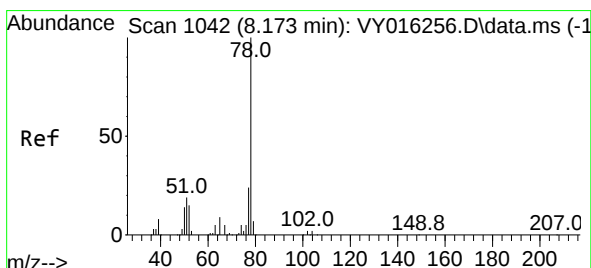
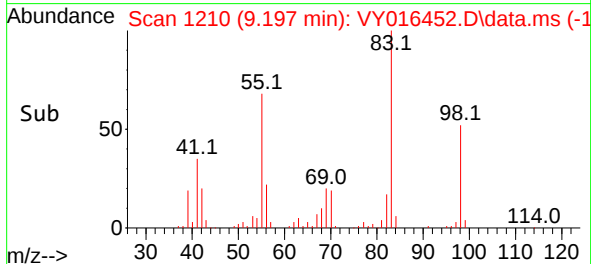
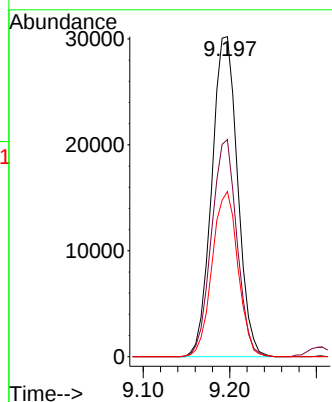
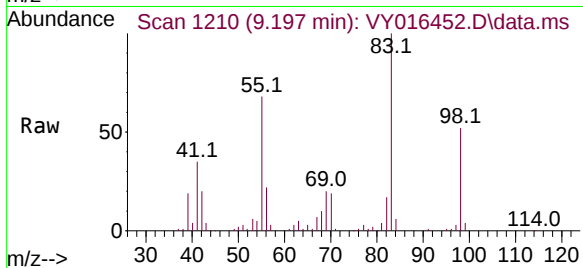
Tgt Ion: 83 Resp: 62586

Ion Ratio Lower Upper

83 100

55 67.8 63.0 94.4

98 51.6 37.4 56.2



#40

Benzene

Concen: 21.019 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016452.D

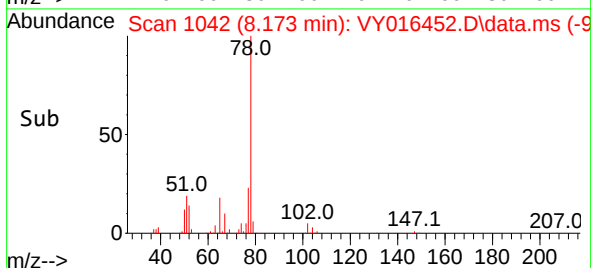
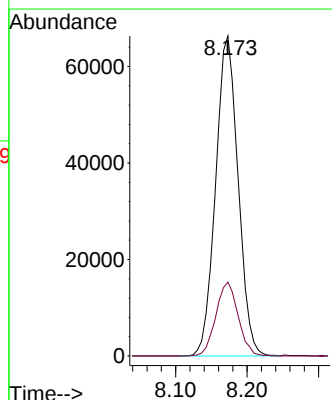
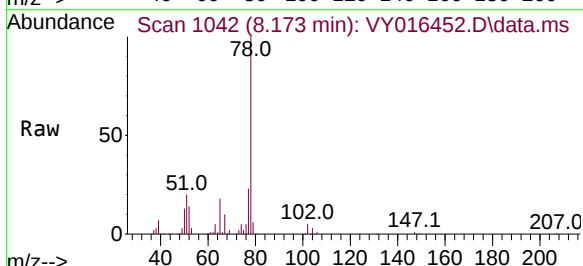
Acq: 22 Nov 2023 10:34

Tgt Ion: 78 Resp: 144646

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

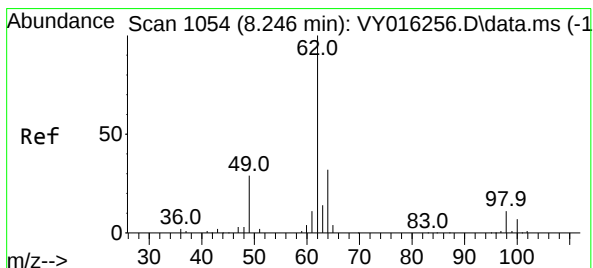
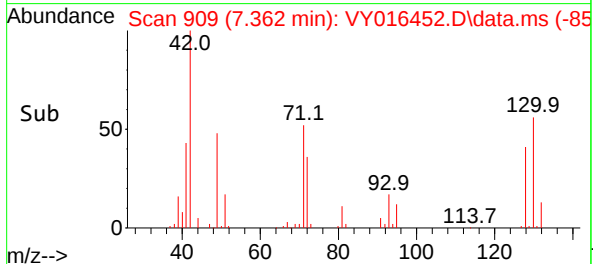
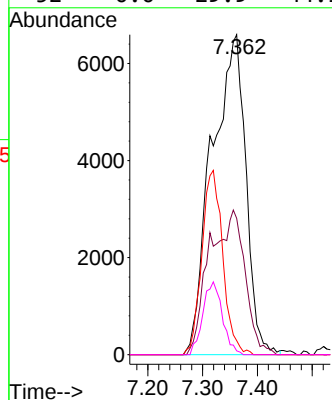
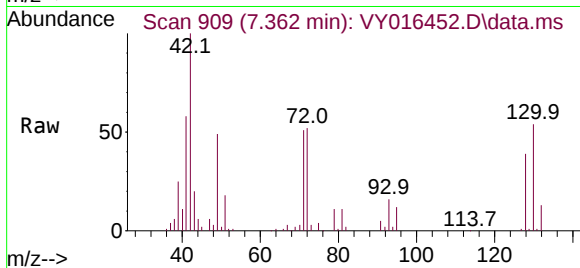




#41
Methacrylonitrile
Concen: 56.692 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.036 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

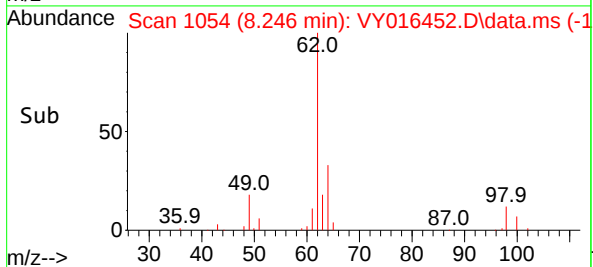
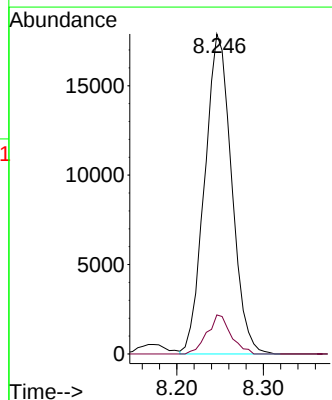
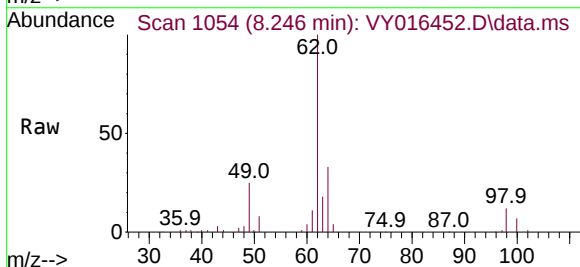
Instrument :
MSVOA_Y
ClientSampleId :

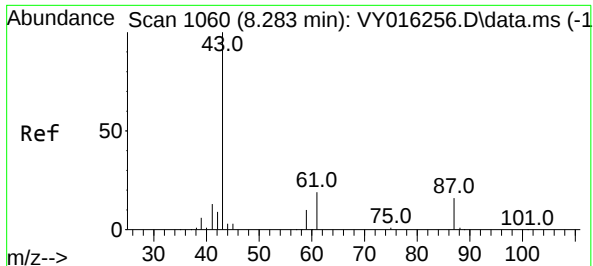
Tgt Ion: 41 Resp: 28290
Ion Ratio Lower Upper
41 100
39 22.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.653 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 62 Resp: 38608
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 20.808 ug/l

RT: 8.283 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VY016452.D

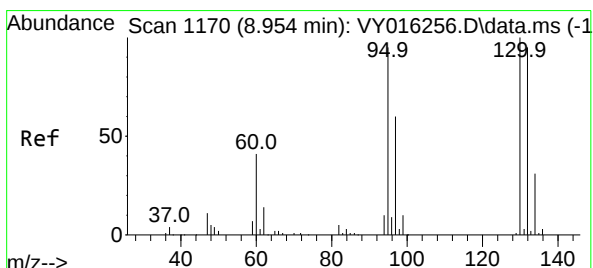
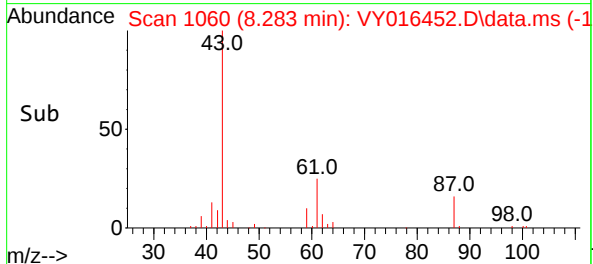
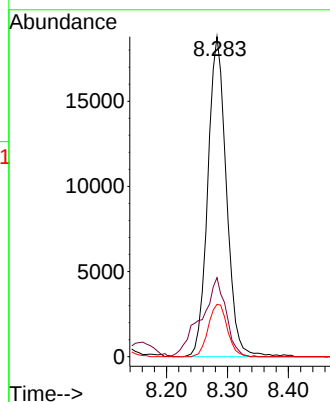
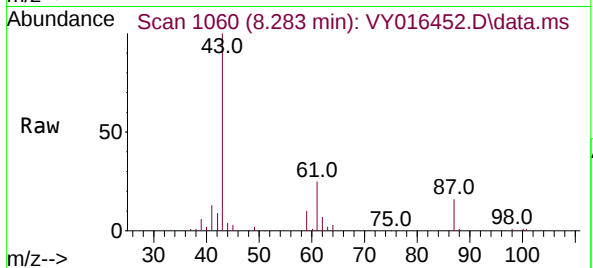
Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 39807
Ion Ratio	Lower Upper
43	100
61	33.2 21.1 31.7#
87	16.8 9.8 14.8#



#44

Trichloroethene

Concen: 21.603 ug/l

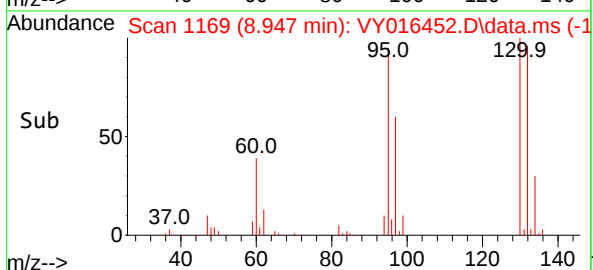
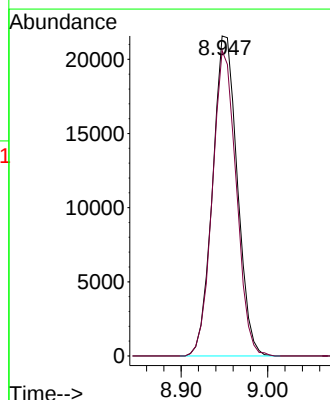
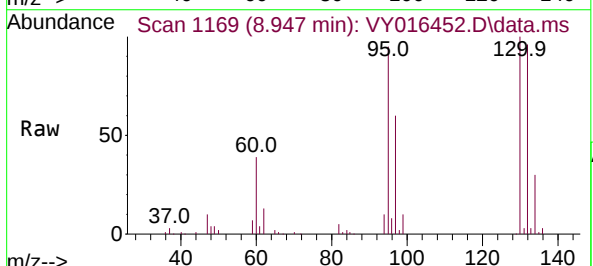
RT: 8.947 min Scan# 1169

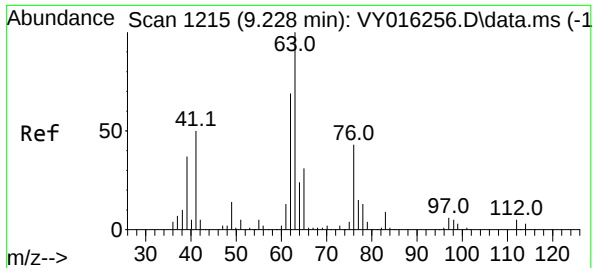
Delta R.T. -0.006 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Tgt Ion: 130	Resp: 42726
Ion Ratio	Lower Upper
130	100
95	95.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.042 ug/l

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

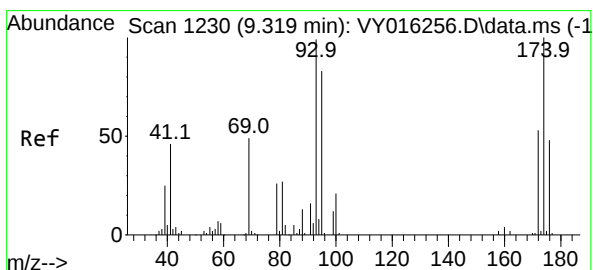
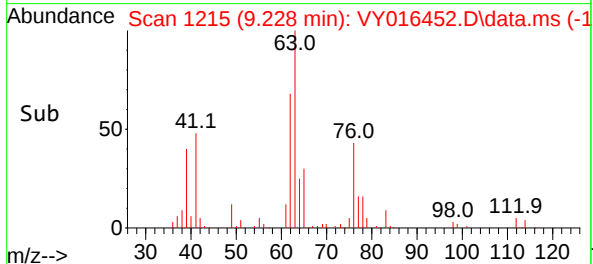
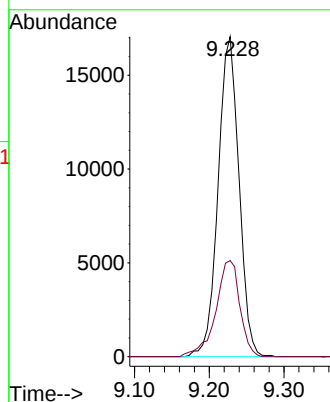
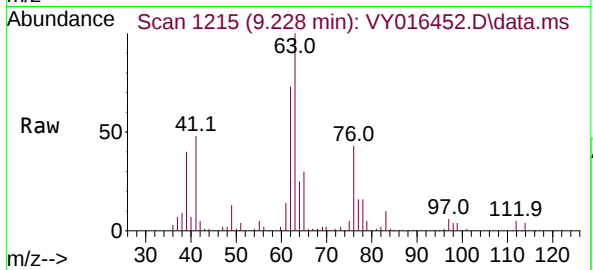
ClientSampleId :

Tgt Ion: 63 Resp: 33123

Ion Ratio Lower Upper

63 100

65 30.1 23.8 35.6



#46

Dibromomethane

Concen: 22.972 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

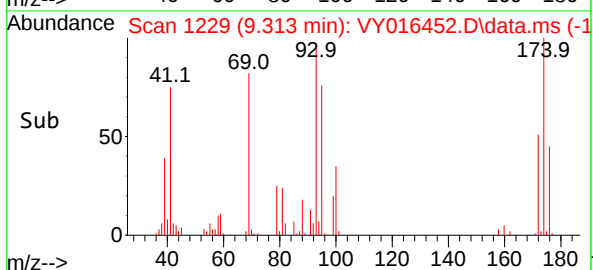
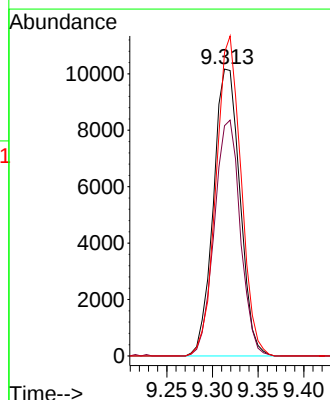
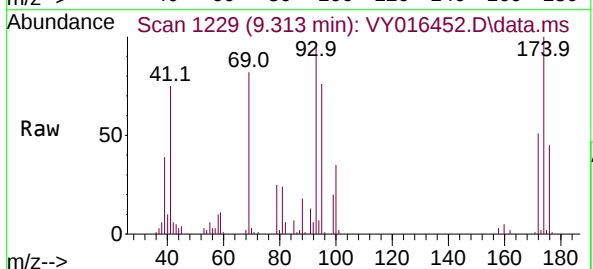
Tgt Ion: 93 Resp: 20574

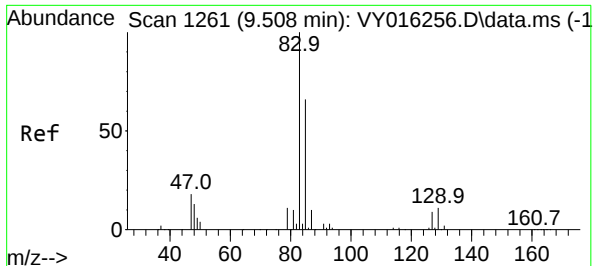
Ion Ratio Lower Upper

93 100

95 80.2 66.6 100.0

174 105.0 84.8 127.2





#47

Bromodichloromethane

Concen: 21.270 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VY016452.D

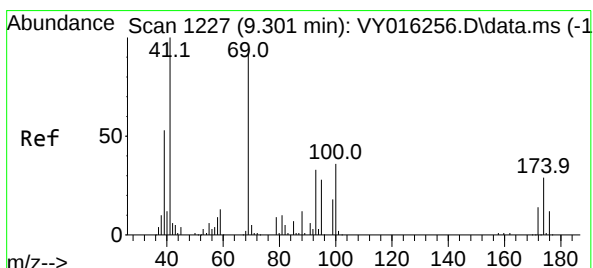
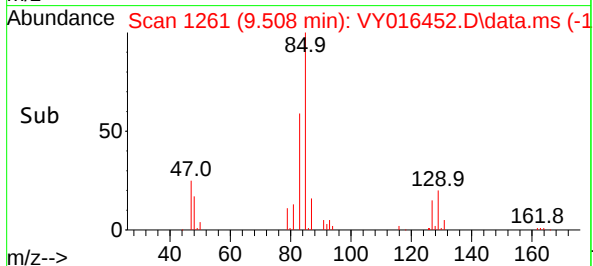
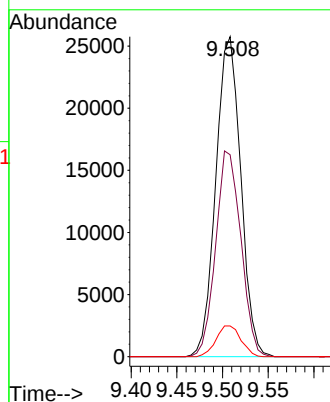
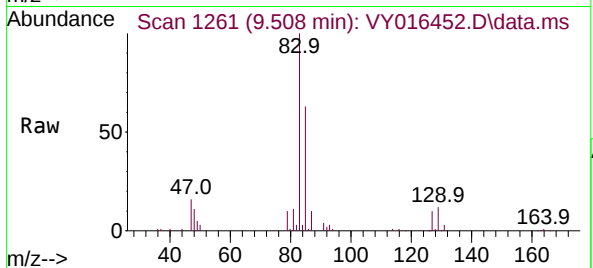
Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	48973
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.1	75.1
127	9.6	7.1	10.7



#48

Methyl methacrylate

Concen: 21.509 ug/l

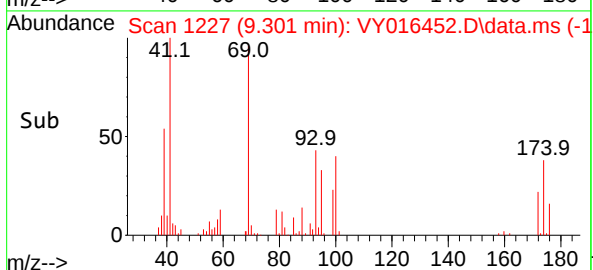
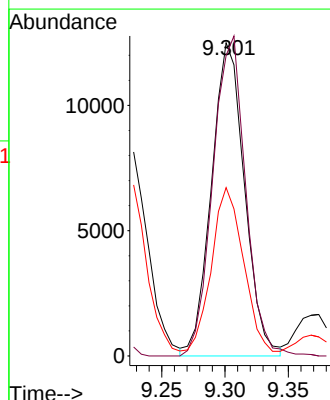
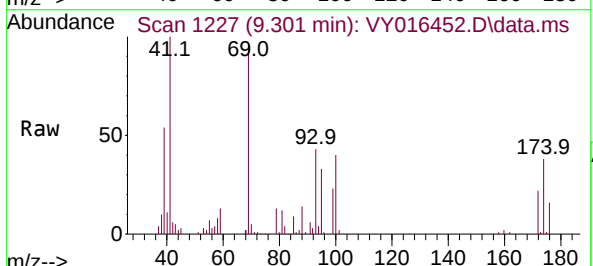
RT: 9.301 min Scan# 1227

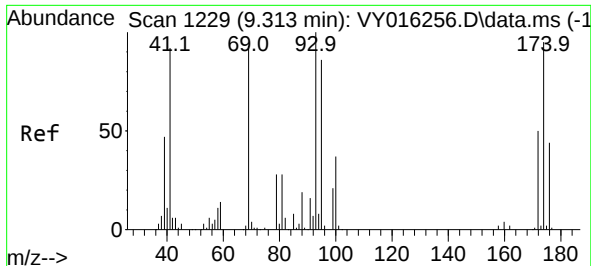
Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Tgt Ion:	41	Resp:	22741
Ion	Ratio	Lower	Upper
41	100		
69	101.0	64.5	96.7#
39	50.6	50.8	76.2#





#49

1,4-Dioxane

Concen: 494.211 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

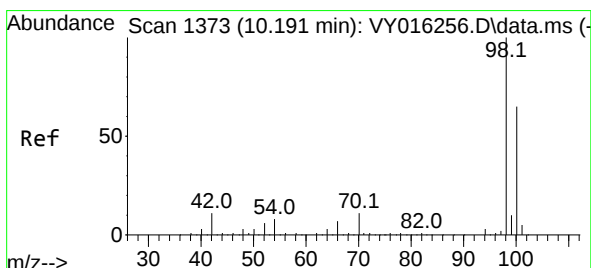
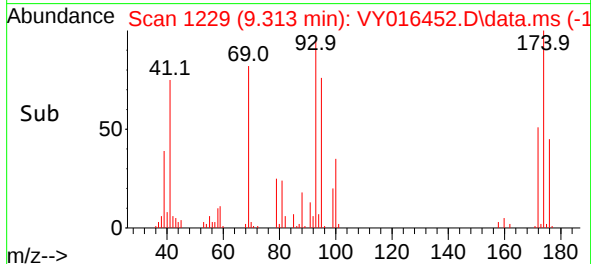
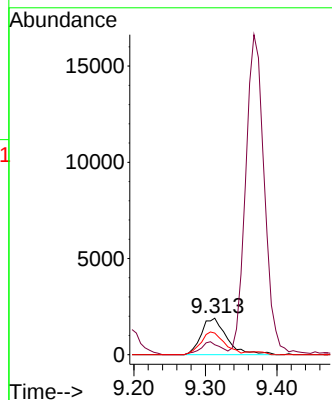
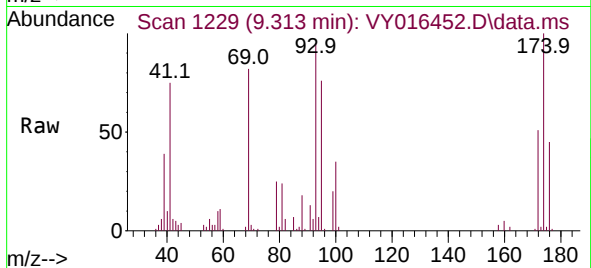
Tgt Ion: 88 Resp: 4699

Ion Ratio Lower Upper

88 100

43 27.3 0.0 0.0#

58 59.2 30.9 46.3#



#50

Toluene-d8

Concen: 51.540 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016452.D

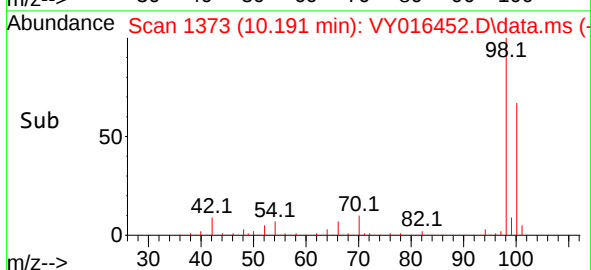
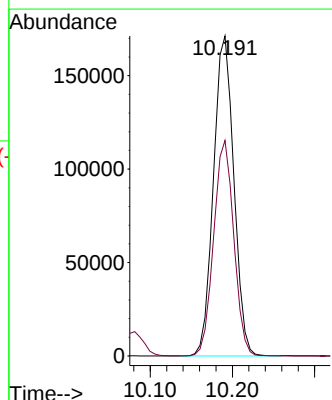
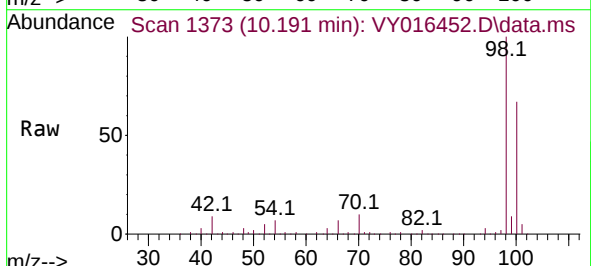
Acq: 22 Nov 2023 10:34

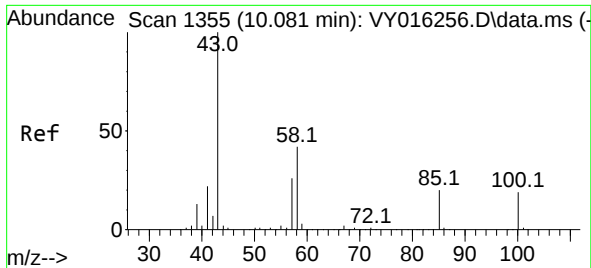
Tgt Ion: 98 Resp: 294825

Ion Ratio Lower Upper

98 100

100 66.5 50.1 75.1

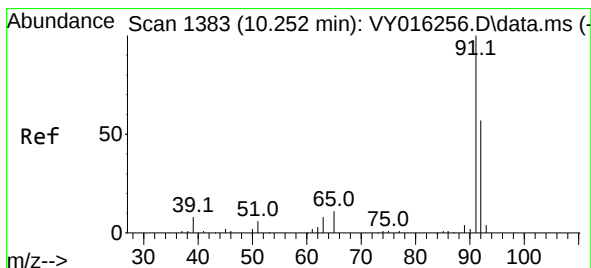
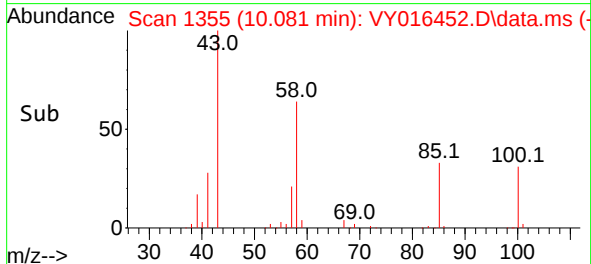
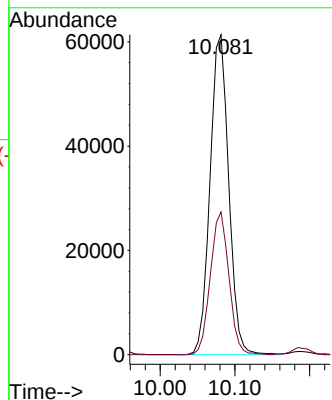
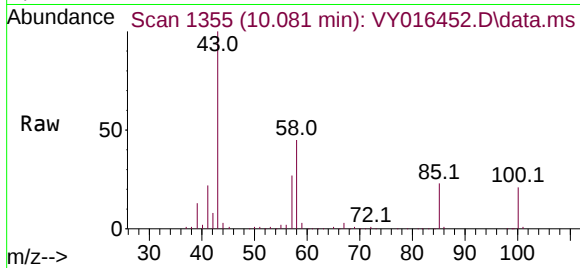




#51
4-Methyl-2-Pentanone
Concen: 110.191 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

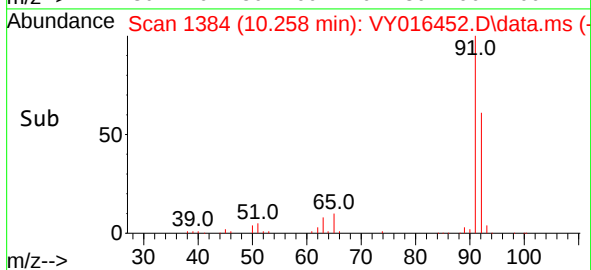
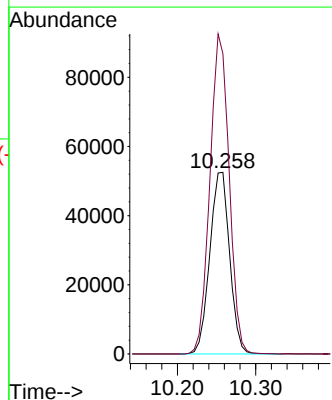
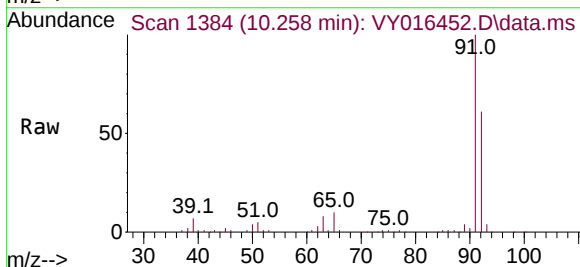
Instrument :
MSVOA_Y
ClientSampleId :

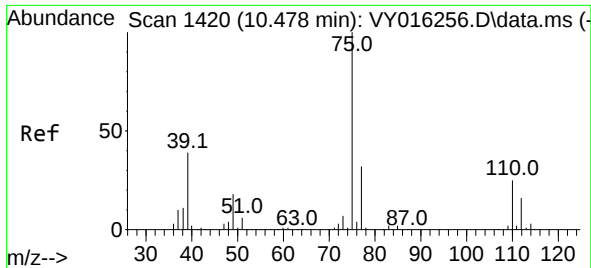
Tgt Ion: 43 Resp: 106596
Ion Ratio Lower Upper
43 100
58 44.3 29.0 43.6#



#52
Toluene
Concen: 21.204 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 92 Resp: 92241
Ion Ratio Lower Upper
92 100
91 171.0 143.8 215.6

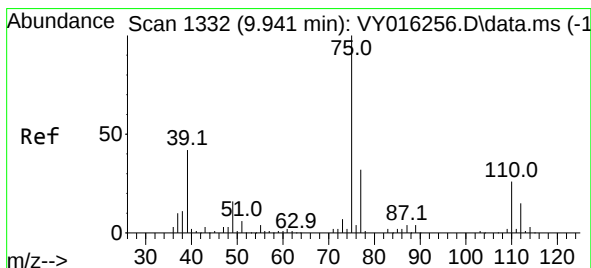
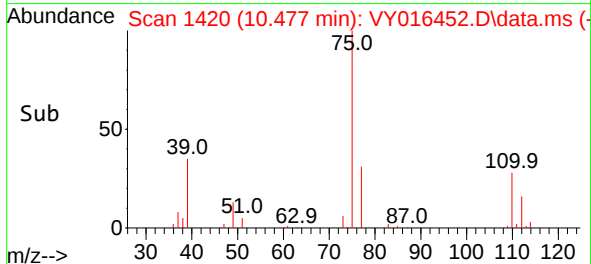
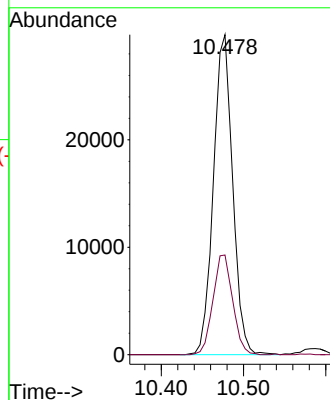
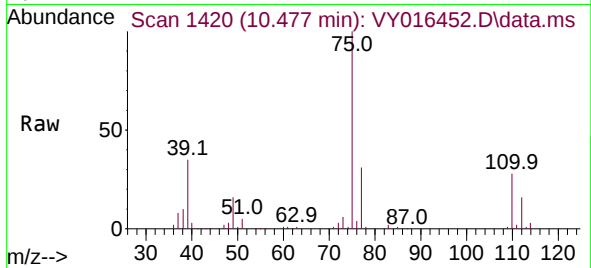




#53
 t-1,3-Dichloropropene
 Concen: 21.692 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016452.D
 Acq: 22 Nov 2023 10:34

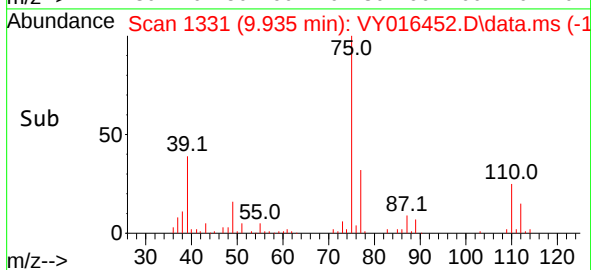
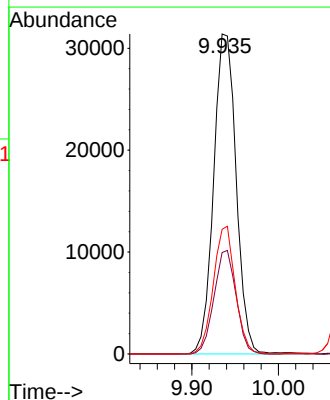
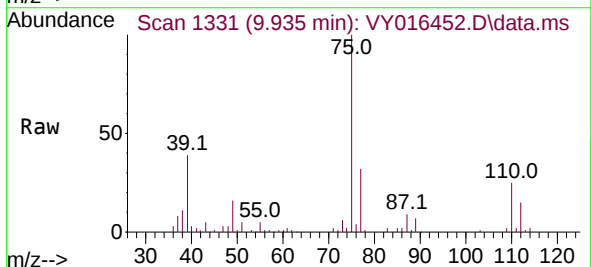
Instrument :
 MSVOA_Y
 ClientSampleId :

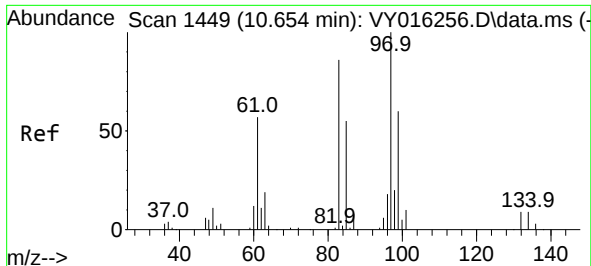
Tgt Ion: 75 Resp: 48419
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.288 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016452.D
 Acq: 22 Nov 2023 10:34

Tgt Ion: 75 Resp: 56753
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 38.9 42.2 63.4#

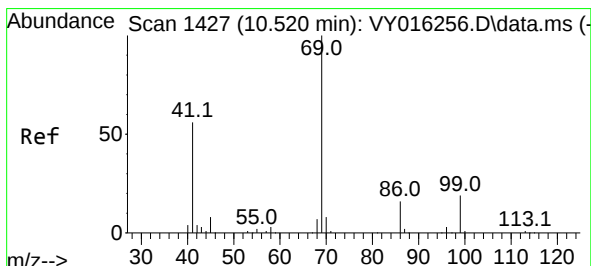
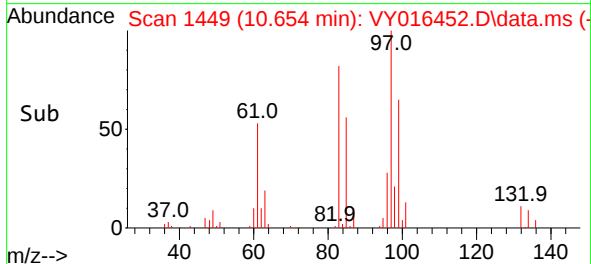
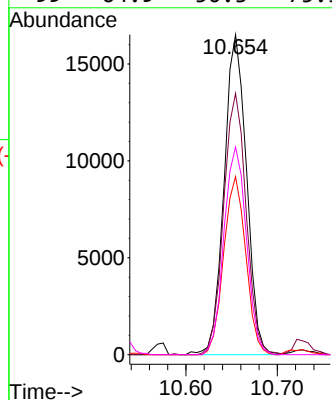
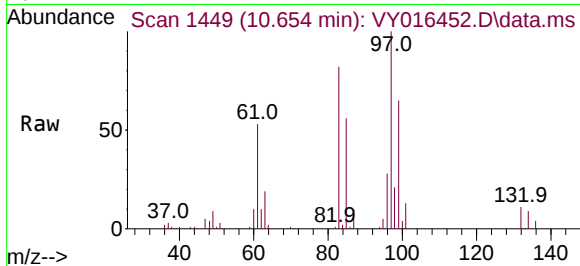




#55
1,1,2-Trichloroethane
Concen: 22.801 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

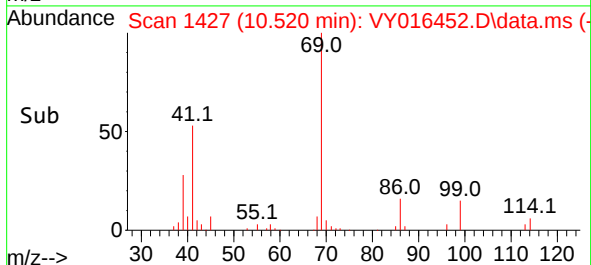
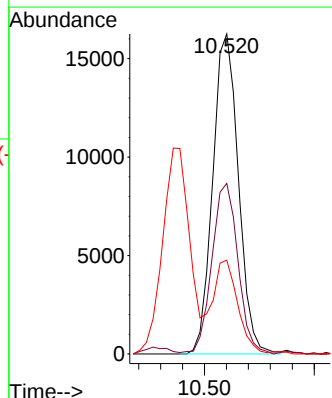
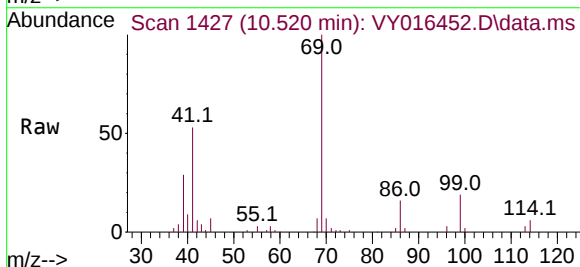
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	97	Resp:	28146
Ion	Ratio	Lower	Upper
97	100		
83	81.7	72.0	108.0
85	55.7	45.4	68.0
99	64.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 22.678 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion:	69	Resp:	26426
Ion	Ratio	Lower	Upper
69	100		
41	54.1	57.6	86.4#
39	26.0	34.1	51.1#

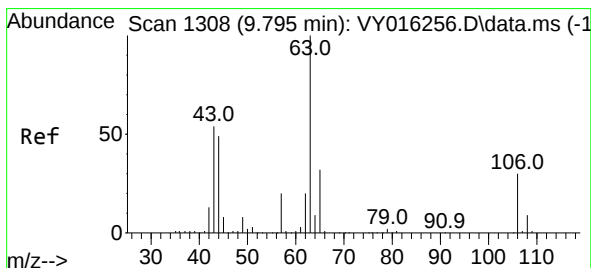
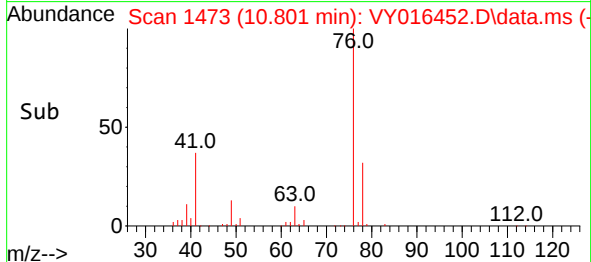
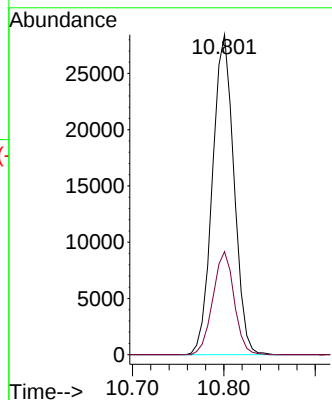
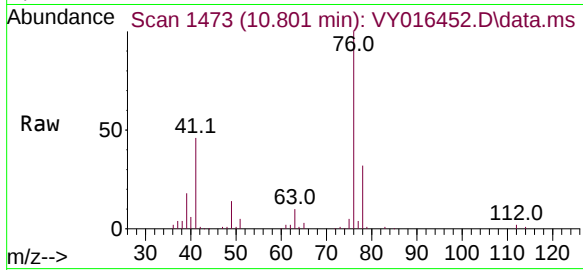




#57
1,3-Dichloropropane
Concen: 22.090 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

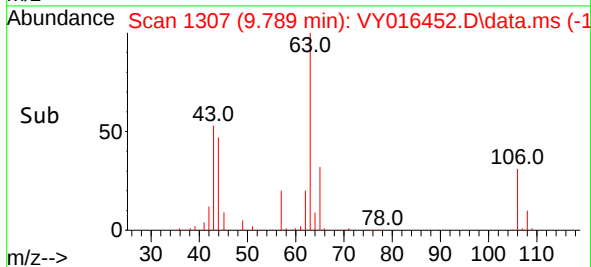
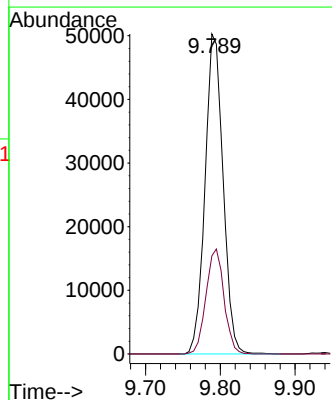
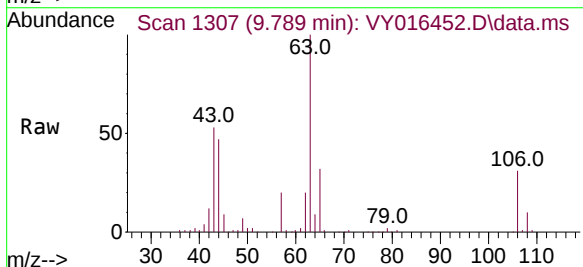
Instrument :
MSVOA_Y
ClientSampleId :

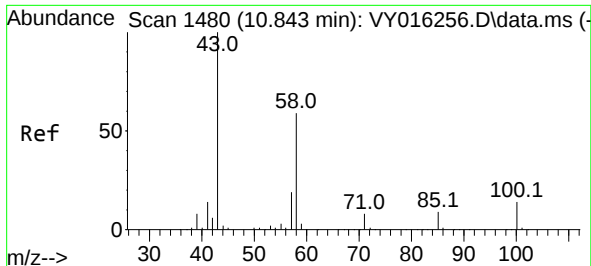
Tgt Ion: 76 Resp: 46480
Ion Ratio Lower Upper
76 100
78 31.8 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 106.734 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.006 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 63 Resp: 84332
Ion Ratio Lower Upper
63 100
106 32.7 21.2 31.8#





#59

2-Hexanone

Concen: 123.978 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

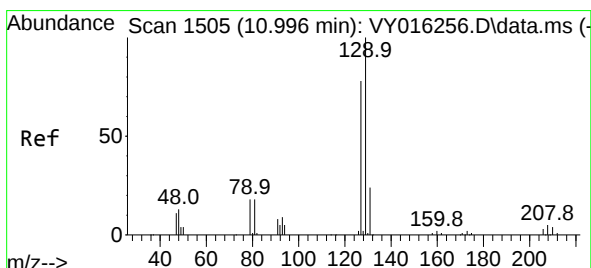
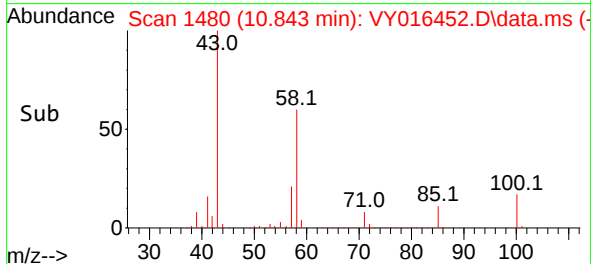
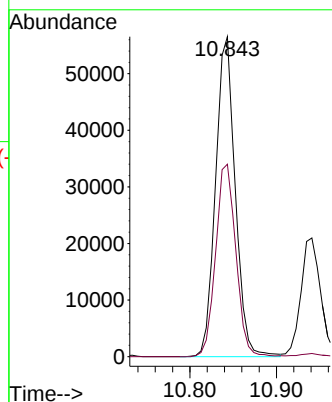
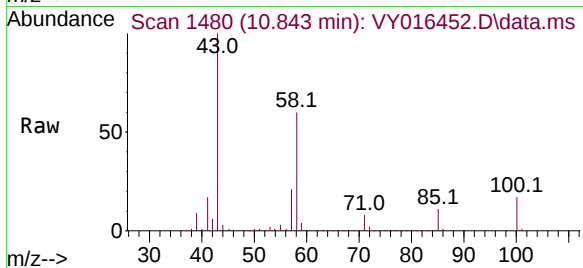
ClientSampleId :

Tgt Ion: 43 Resp: 89209

Ion Ratio Lower Upper

43 100

58 61.9 25.1 75.3



#60

Dibromochloromethane

Concen: 23.620 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. -0.000 min

Lab File: VY016452.D

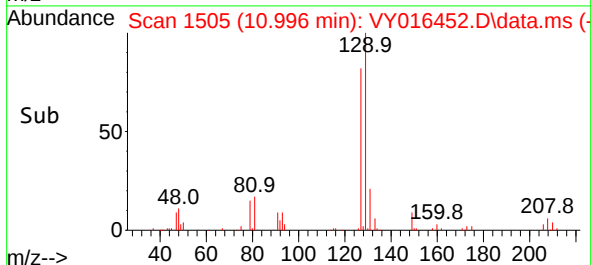
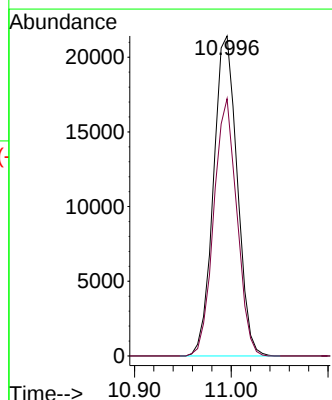
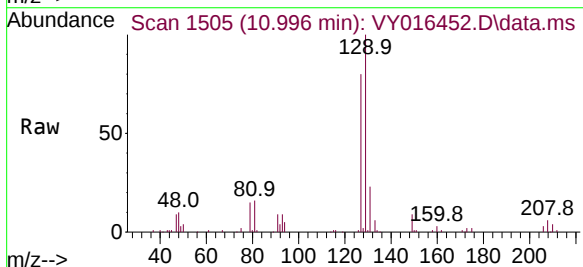
Acq: 22 Nov 2023 10:34

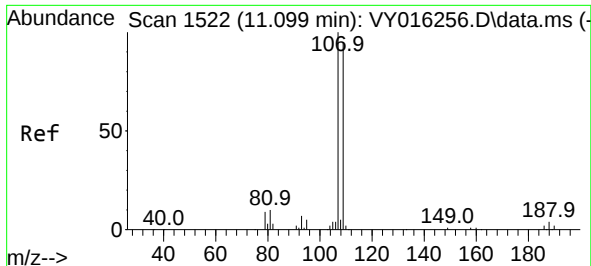
Tgt Ion:129 Resp: 36465

Ion Ratio Lower Upper

129 100

127 78.2 38.5 115.5

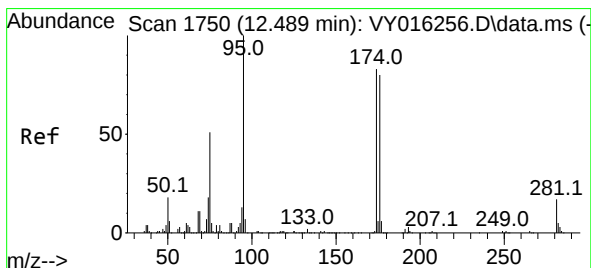
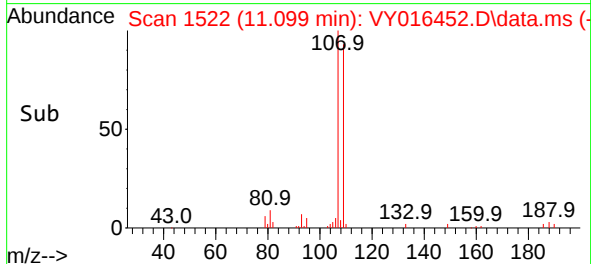
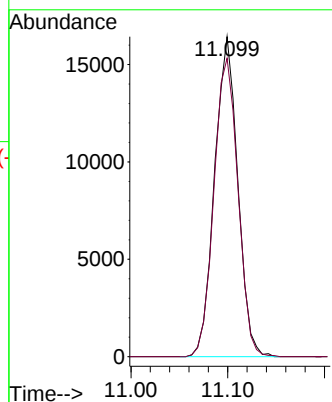
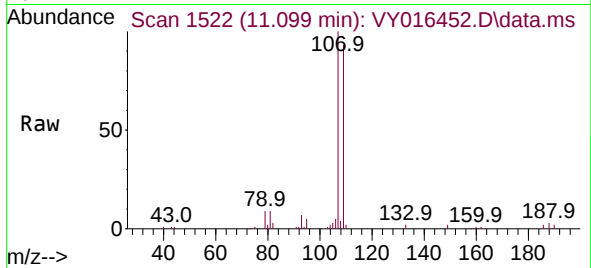




#61
1,2-Dibromoethane
Concen: 23.234 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

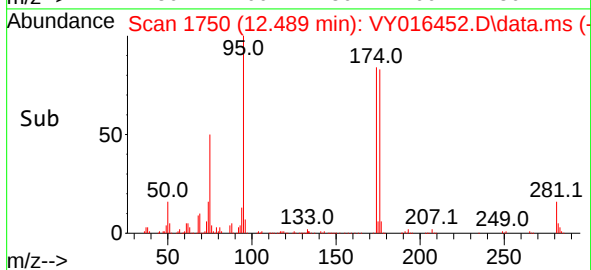
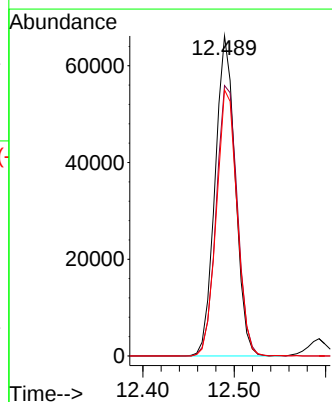
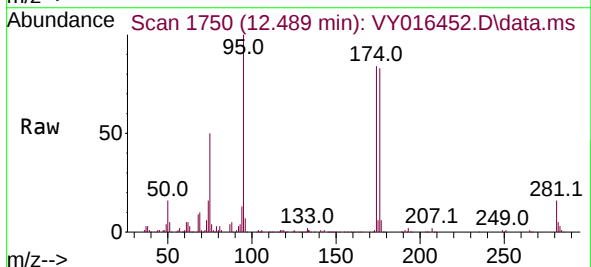
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 27324
Ion Ratio Lower Upper
107 100
109 96.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.605 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 95 Resp: 101449
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.2
176 85.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

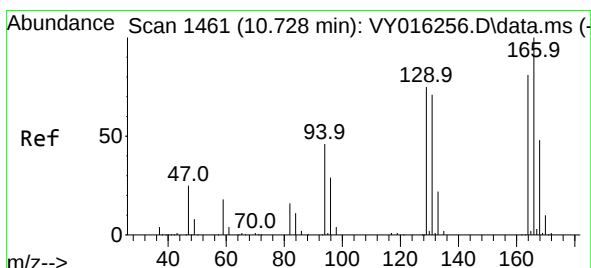
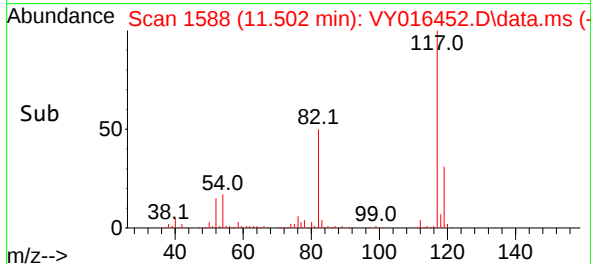
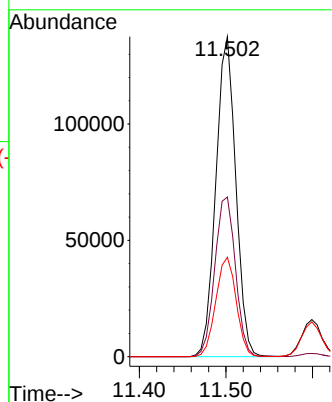
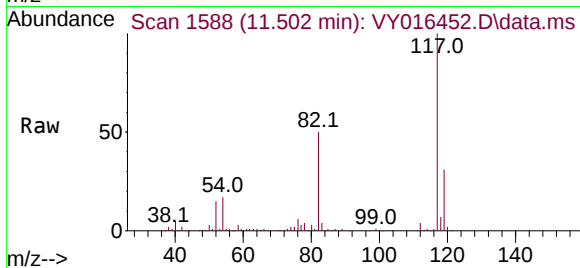
Tgt Ion:117 Resp: 219687

Ion Ratio Lower Upper

117 100

82 49.9 43.4 65.0

119 31.1 26.3 39.5



#64

Tetrachloroethene

Concen: 22.301 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Tgt Ion:164 Resp: 43991

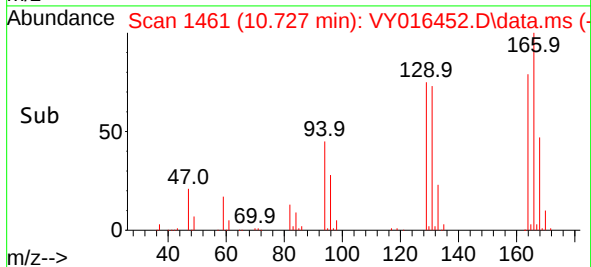
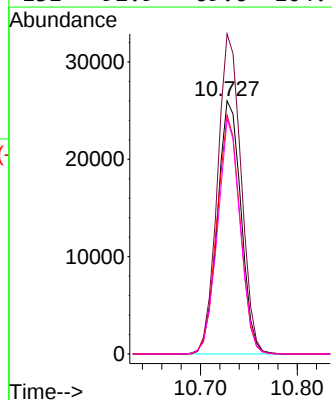
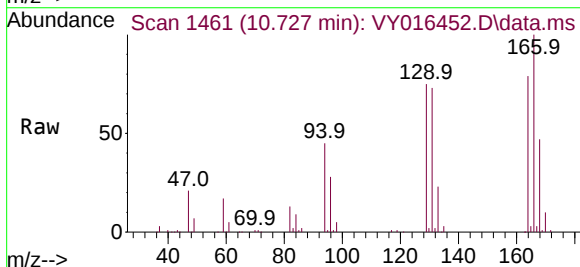
Ion Ratio Lower Upper

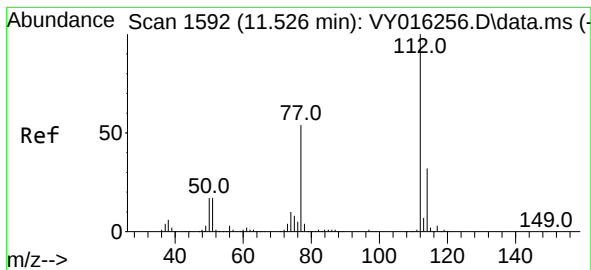
164 100

166 126.4 103.0 154.6

129 94.4 77.2 115.8

131 92.9 69.6 104.4





#65

Chlorobenzene

Concen: 21.020 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

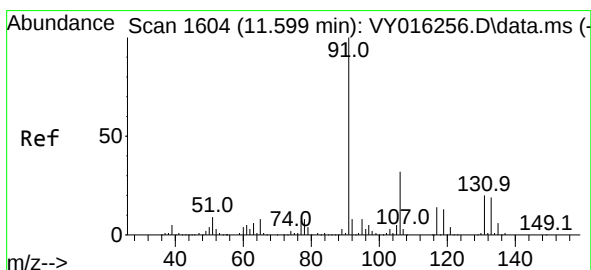
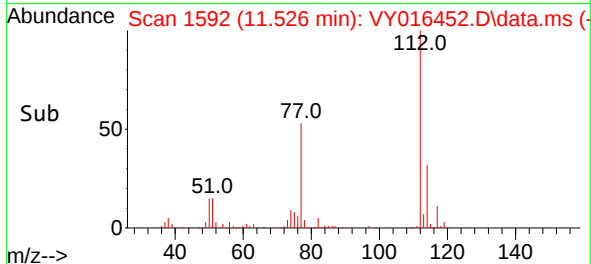
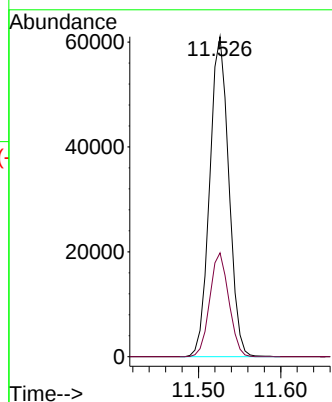
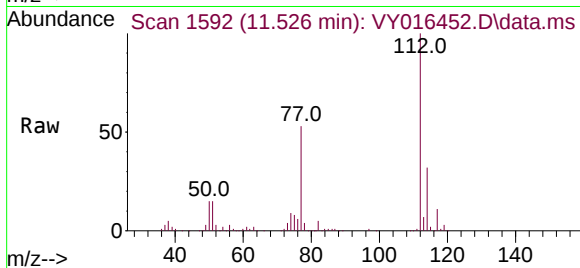
ClientSampleId :

Tgt Ion:112 Resp: 98659

Ion Ratio Lower Upper

112 100

114 32.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 22.235 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

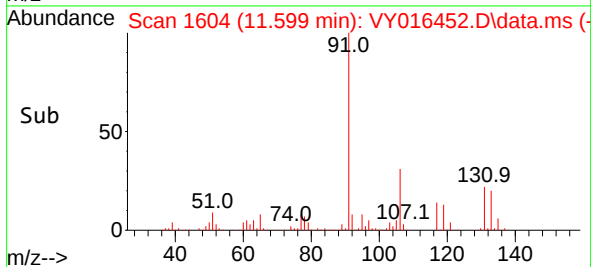
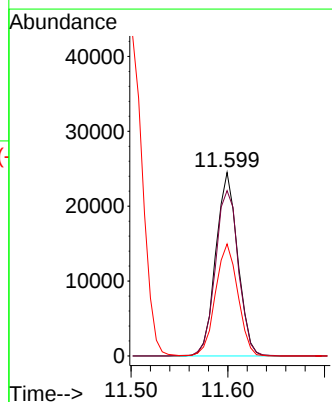
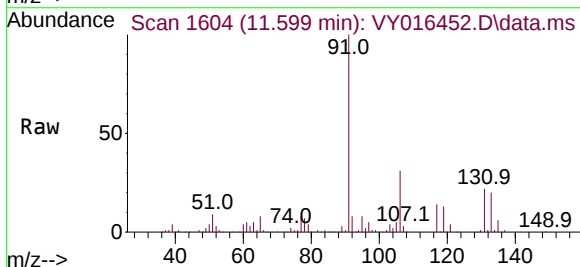
Tgt Ion:131 Resp: 38493

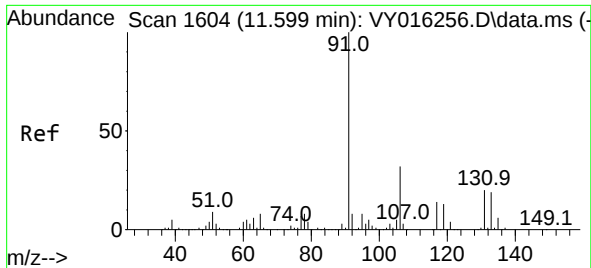
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.6

119 62.4 31.6 94.7





#67

Ethyl Benzene

Concen: 20.583 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

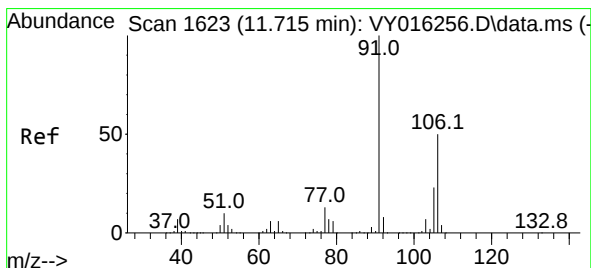
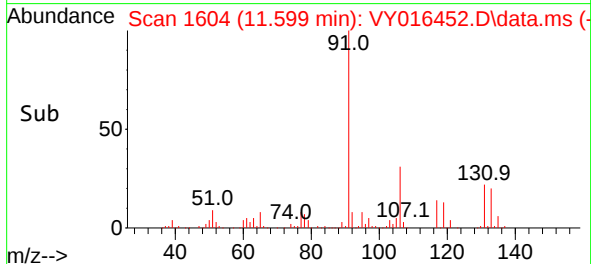
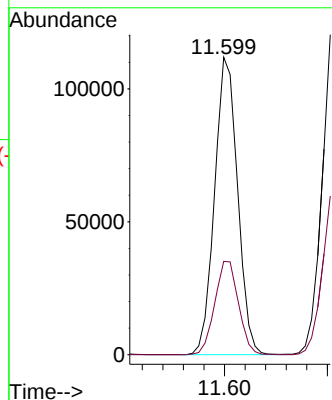
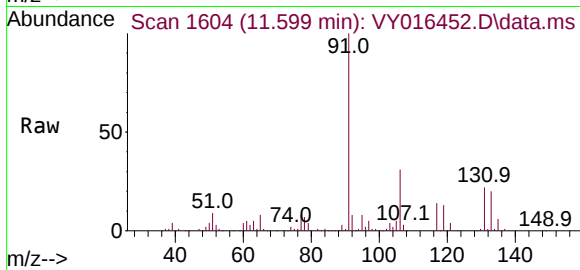
ClientSampleId :

Tgt Ion: 91 Resp: 173622

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 42.256 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY016452.D

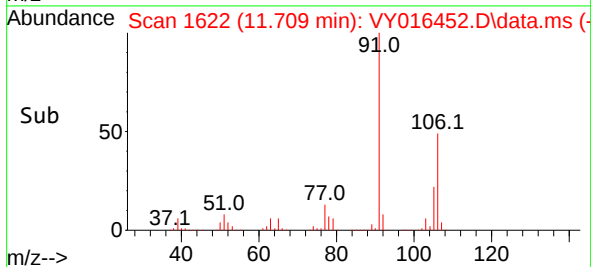
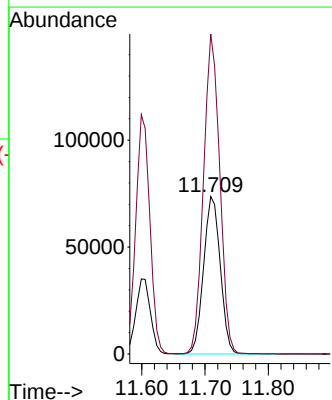
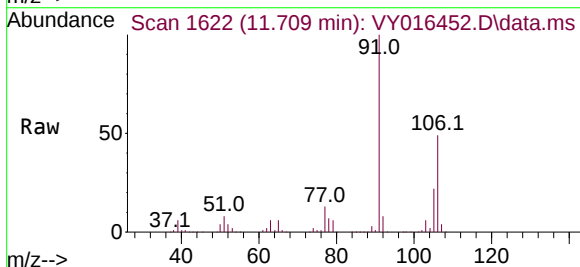
Acq: 22 Nov 2023 10:34

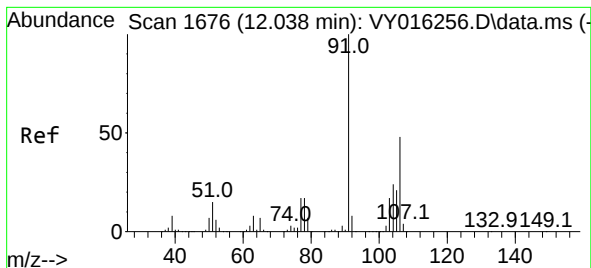
Tgt Ion:106 Resp: 135196

Ion Ratio Lower Upper

106 100

91 197.9 166.1 249.1





#69

o-Xylene

Concen: 21.083 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

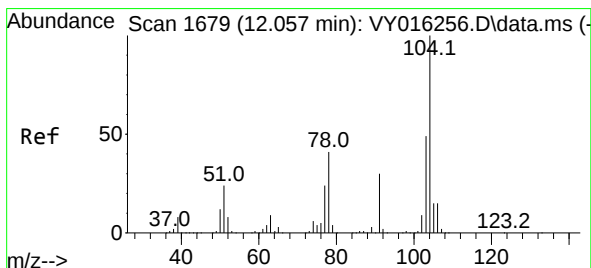
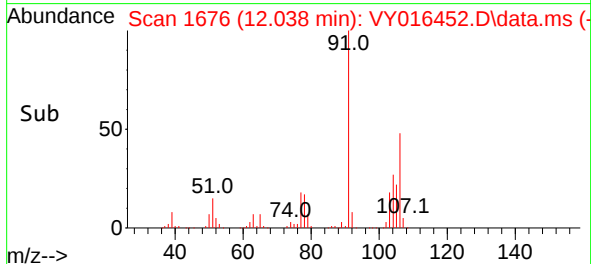
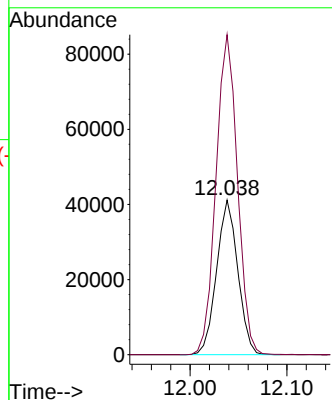
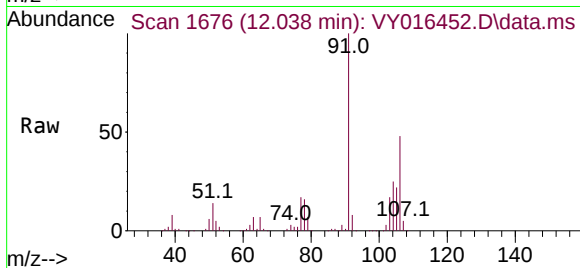
ClientSampleId :

Tgt Ion:106 Resp: 62627

Ion Ratio Lower Upper

106 100

91 209.8 108.1 324.3



#70

Styrene

Concen: 21.782 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

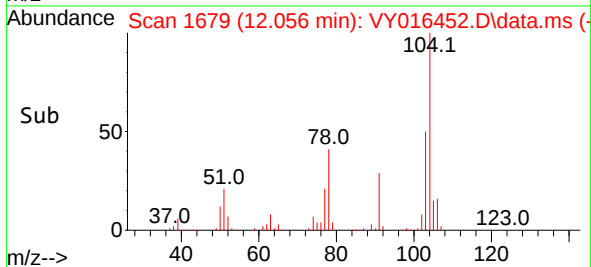
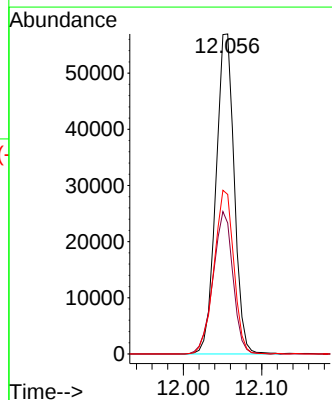
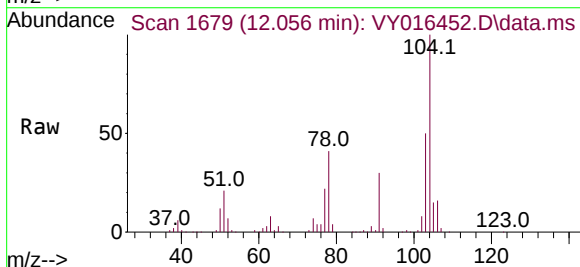
Tgt Ion:104 Resp: 92649

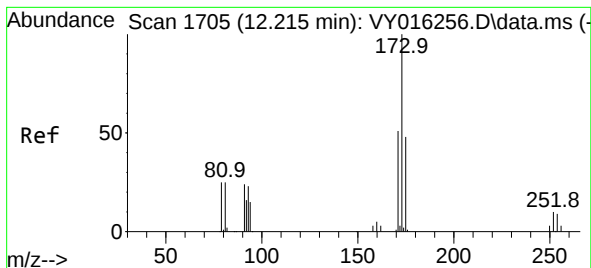
Ion Ratio Lower Upper

104 100

78 48.2 41.5 62.3

103 55.3 44.6 67.0





#71

Bromoform

Concen: 24.673 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

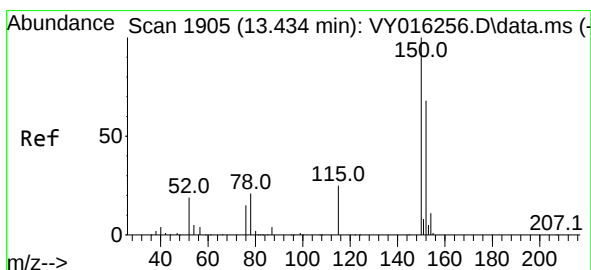
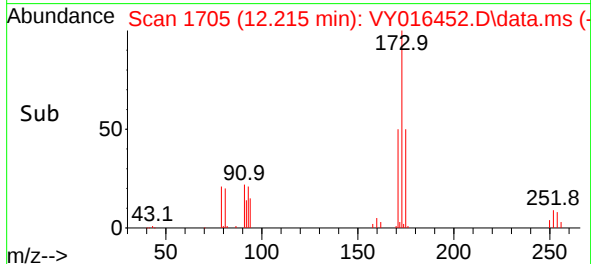
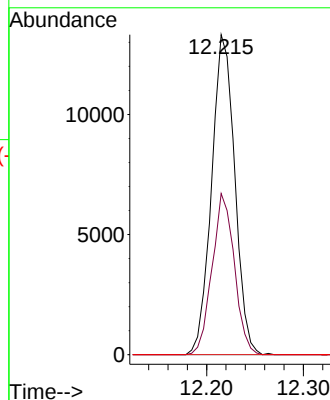
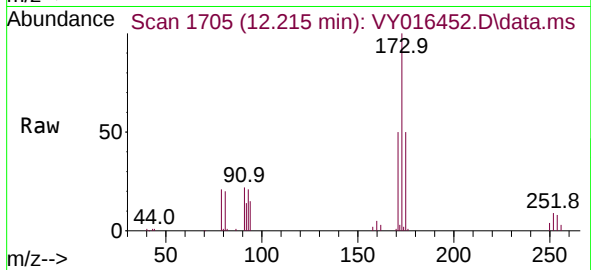
Tgt Ion:173 Resp: 22163

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

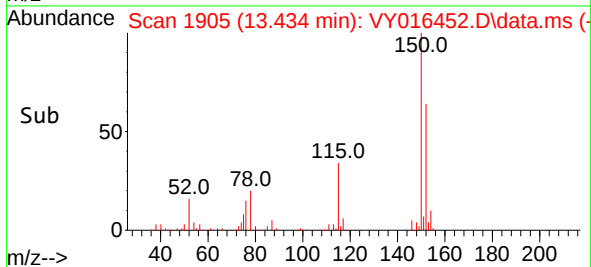
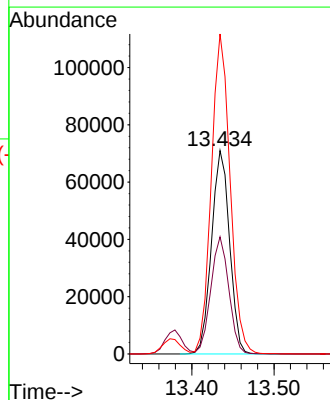
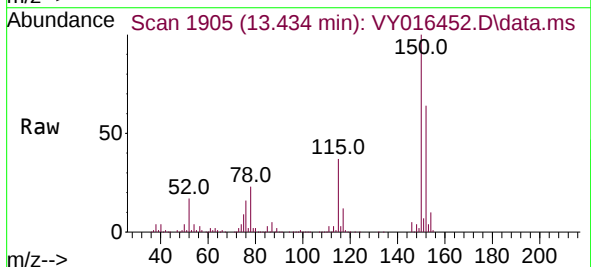
Tgt Ion:152 Resp: 108495

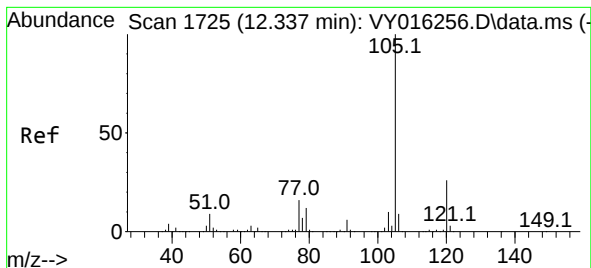
Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 163.3 0.0 348.8





#73

Isopropylbenzene

Concen: 19.577 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

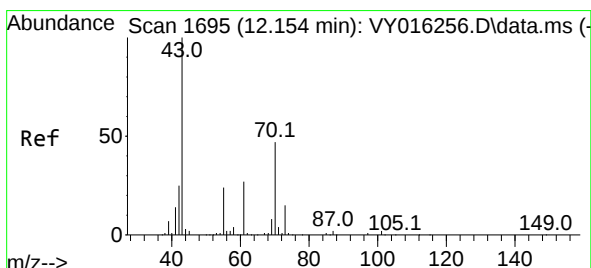
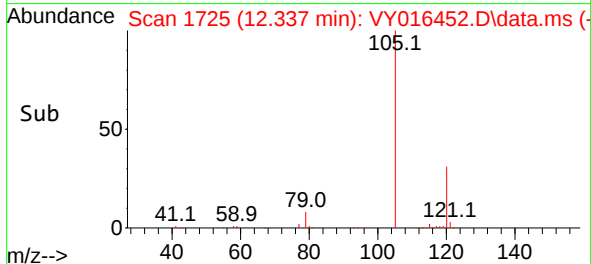
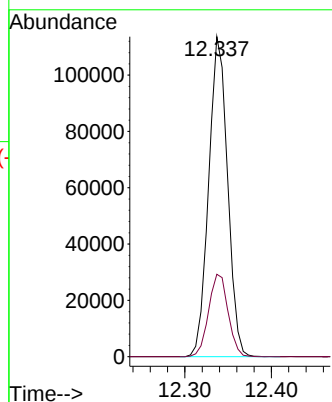
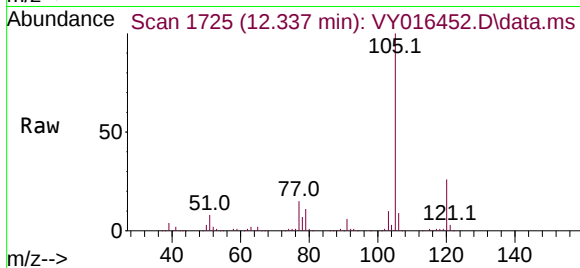
ClientSampleId :

Tgt Ion:105 Resp: 171994

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 19.067 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Tgt Ion: 43 Resp: 33649

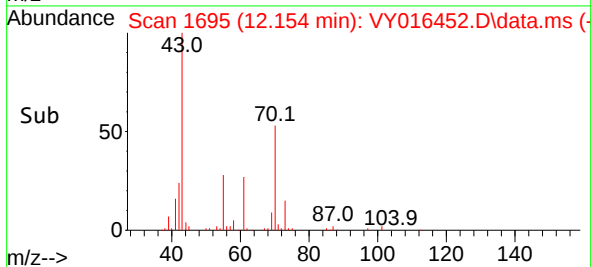
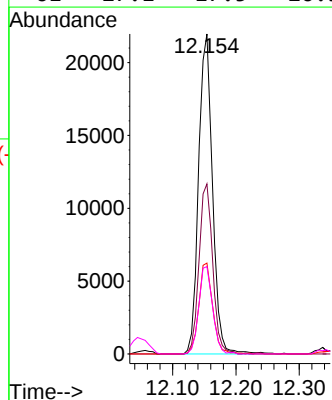
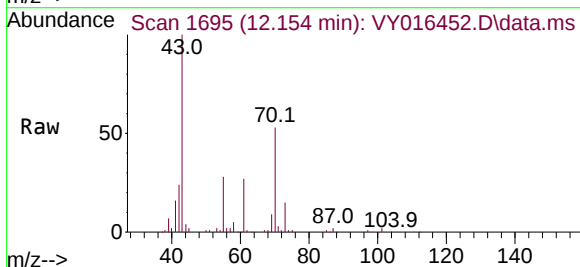
Ion Ratio Lower Upper

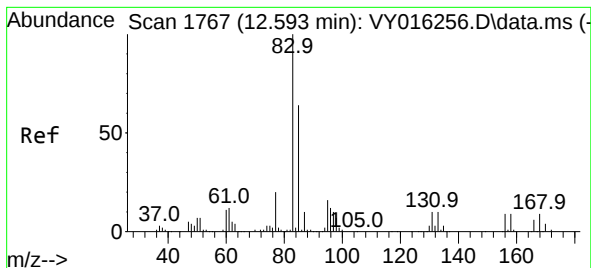
43 100

70 52.1 29.7 44.5#

55 28.2 18.3 27.5#

61 27.1 17.5 26.3#

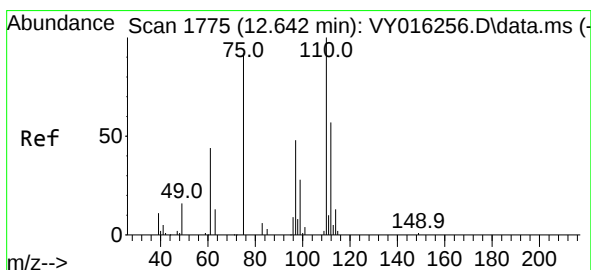
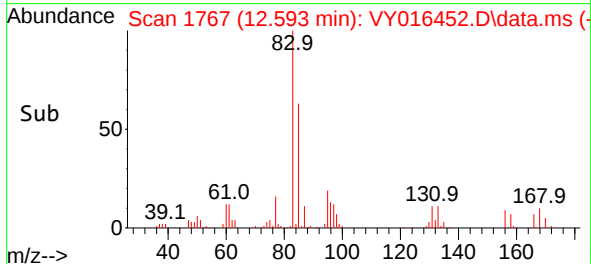
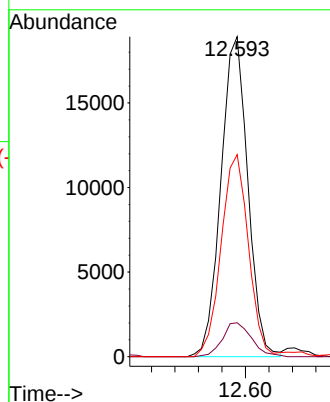
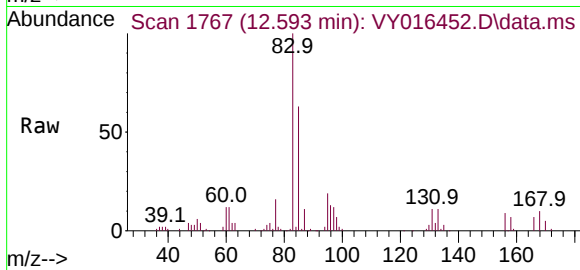




#75
1,1,2,2-Tetrachloroethane
Concen: 21.356 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

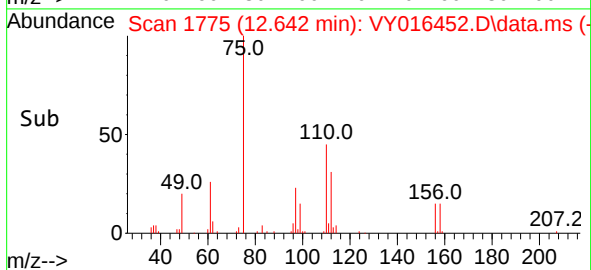
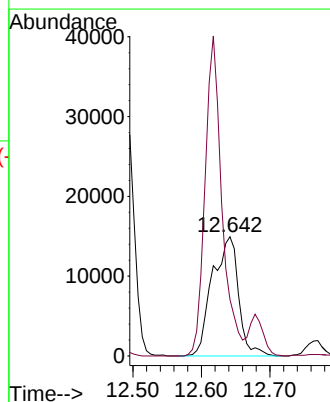
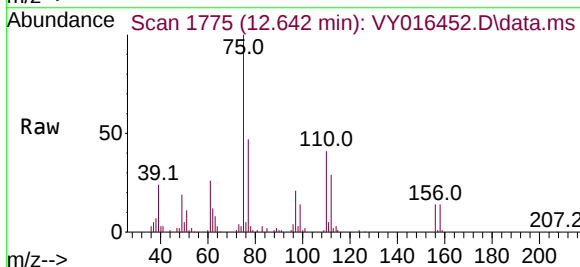
Instrument :
MSVOA_Y
ClientSampleId :

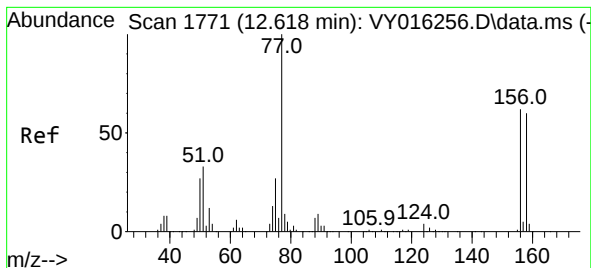
Tgt Ion: 83 Resp: 30107
Ion Ratio Lower Upper
83 100
131 11.5 5.4 16.2
85 64.2 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 38.183 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 75 Resp: 39740
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.987 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

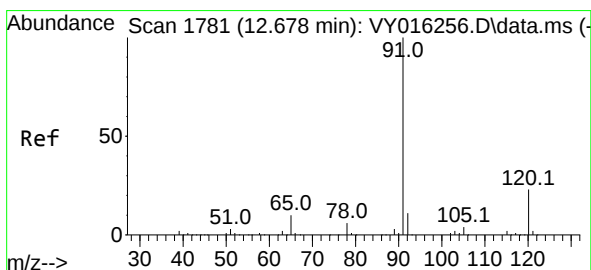
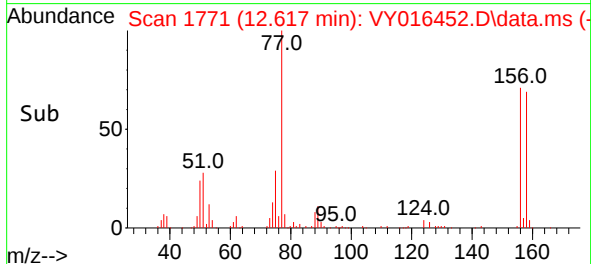
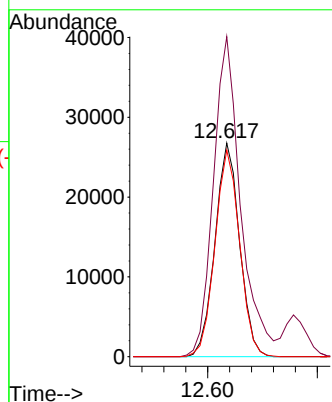
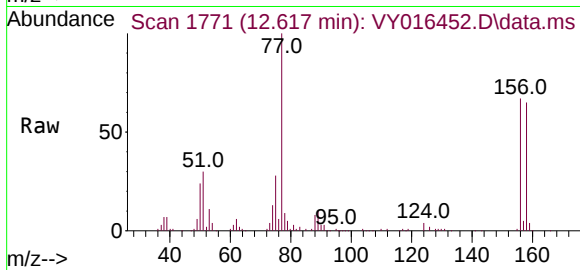
Tgt Ion:156 Resp: 41673

Ion Ratio Lower Upper

156 100

77 165.8 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 19.351 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016452.D

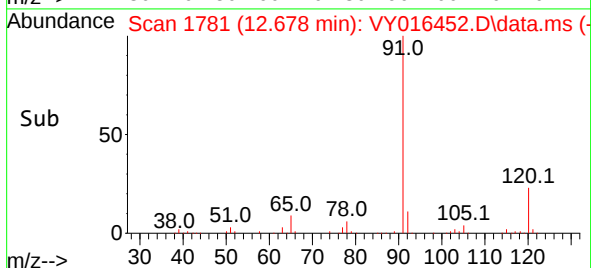
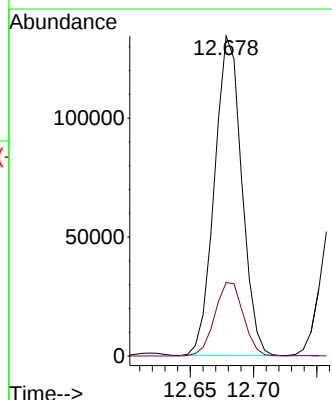
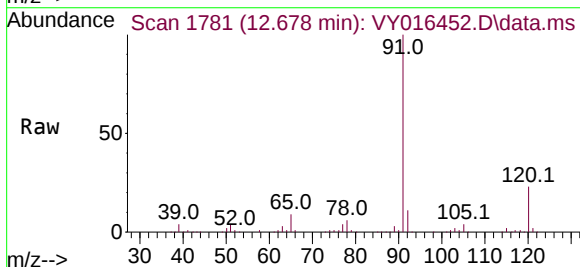
Acq: 22 Nov 2023 10:34

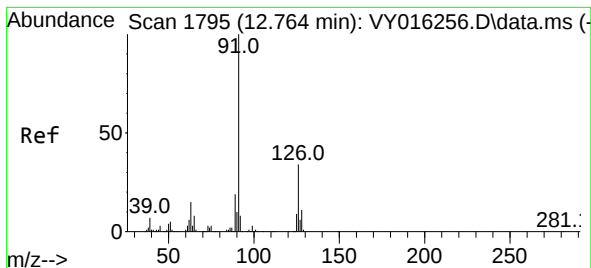
Tgt Ion: 91 Resp: 200918

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4

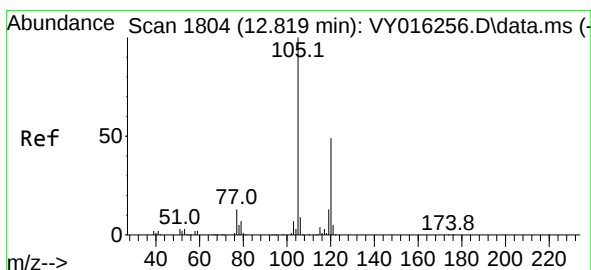
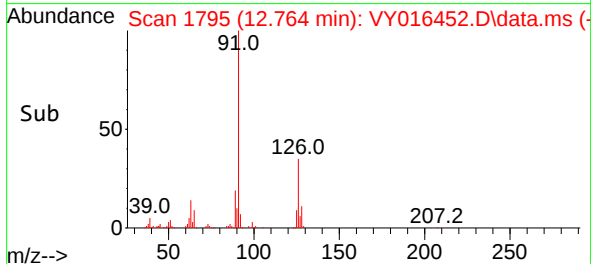
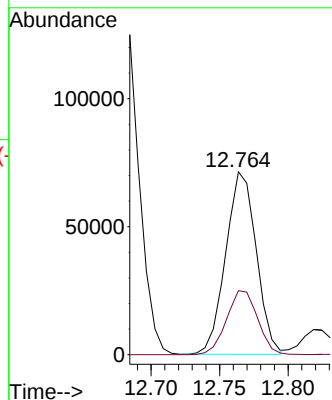
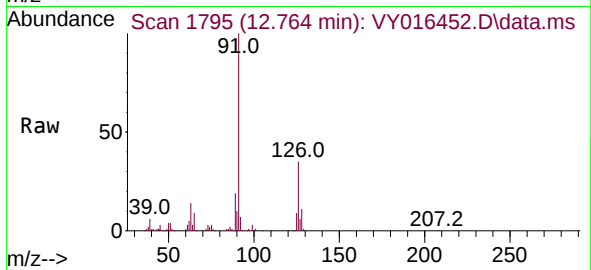




#79
2-Chlorotoluene
Concen: 19.362 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

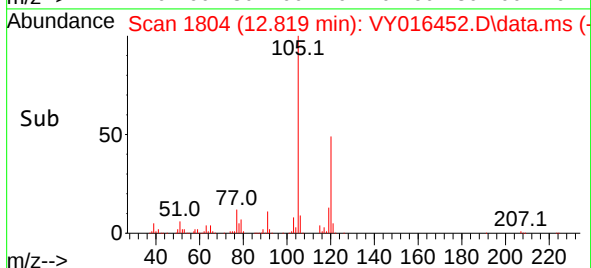
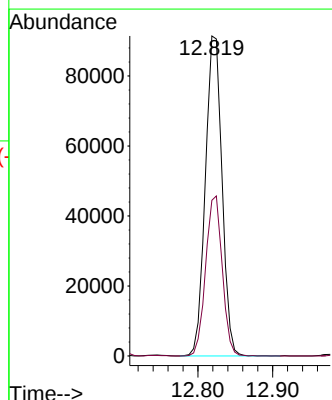
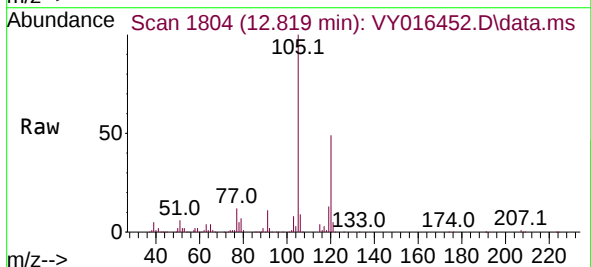
Instrument :
MSVOA_Y
ClientSampleId :

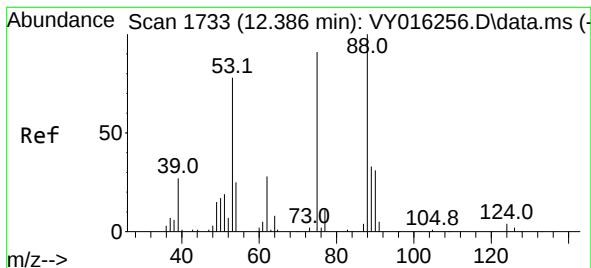
Tgt Ion: 91 Resp: 110789
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.966 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 105 Resp: 141429
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7

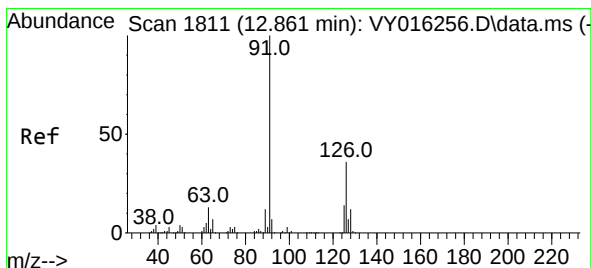
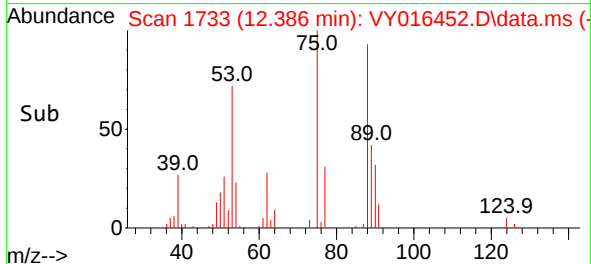
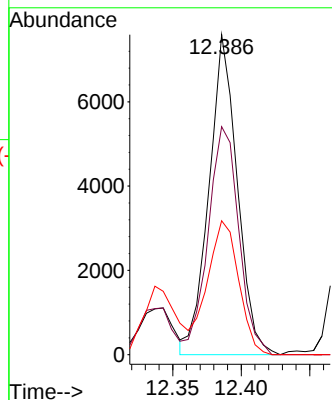
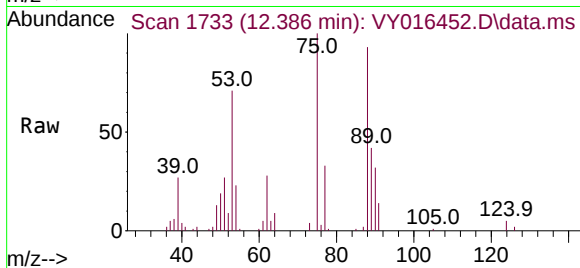




#81
trans-1,4-Dichloro-2-butene
Concen: 22.709 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

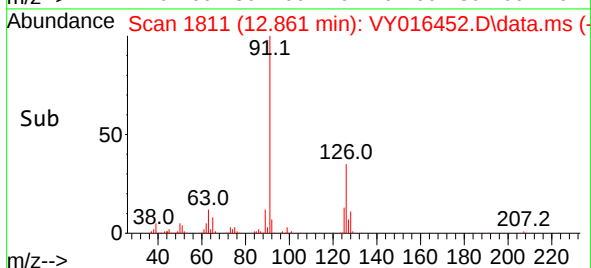
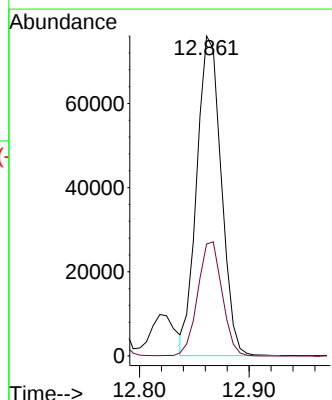
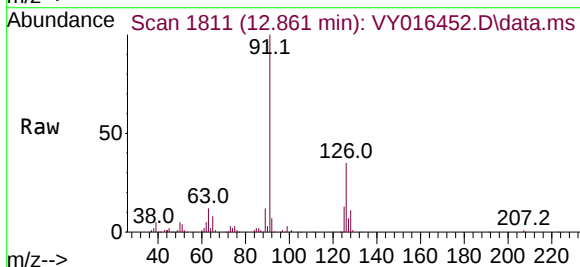
Instrument :
MSVOA_Y
ClientSampleId :

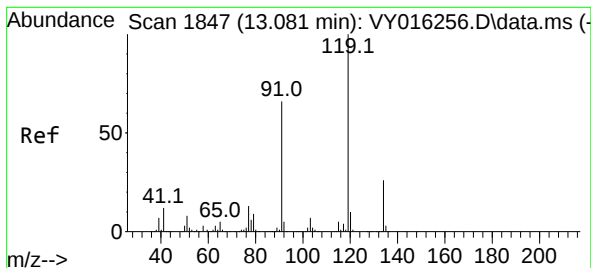
Tgt Ion: 75 Resp: 10889
Ion Ratio Lower Upper
75 100
53 77.6 77.8 116.8#
89 46.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.924 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion: 91 Resp: 117803
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.147 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

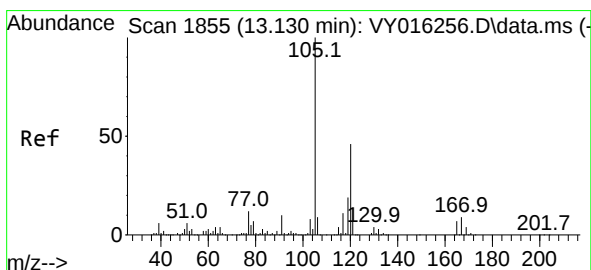
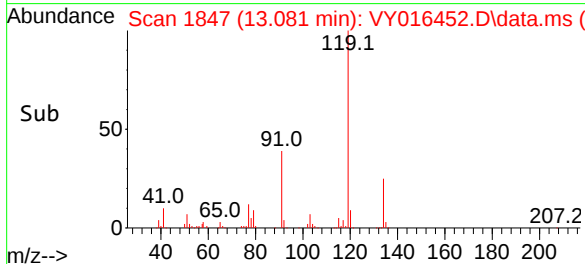
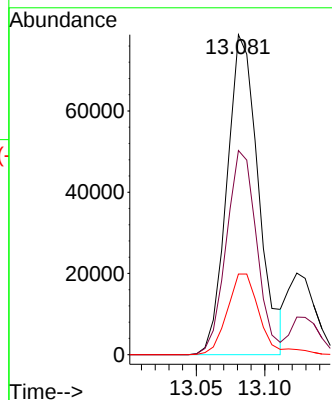
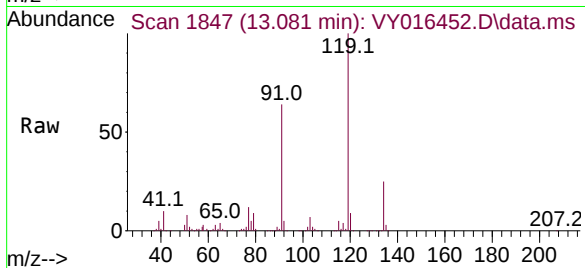
Tgt Ion:119 Resp: 125702

Ion Ratio Lower Upper

119 100

91 62.0 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.259 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016452.D

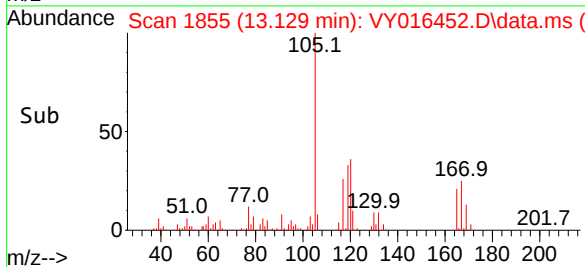
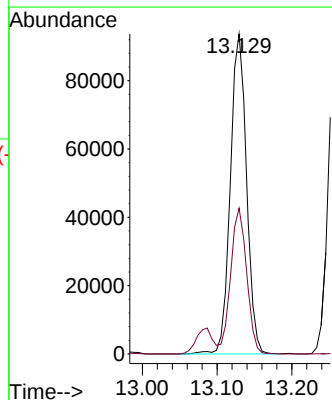
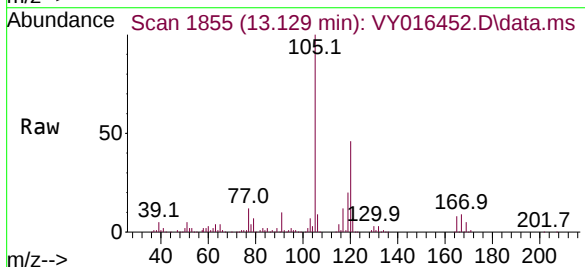
Acq: 22 Nov 2023 10:34

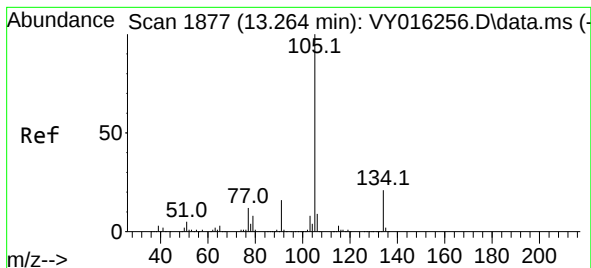
Tgt Ion:105 Resp: 141302

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.603 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

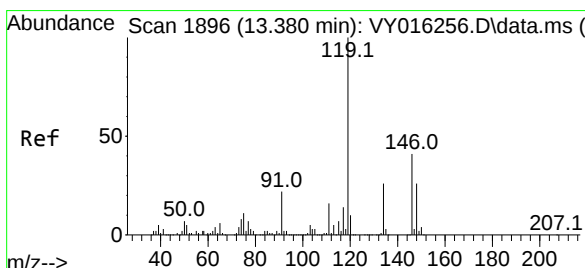
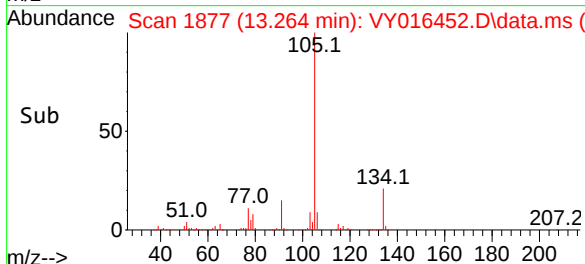
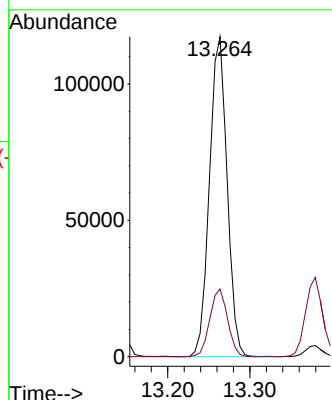
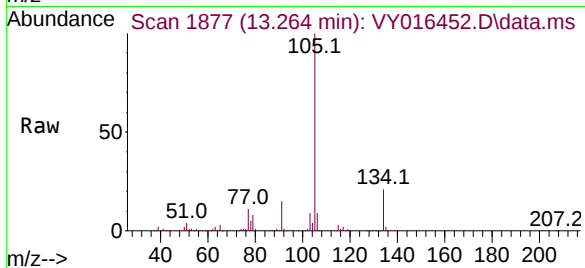
ClientSampleId :

Tgt Ion:105 Resp: 174734

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.123 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

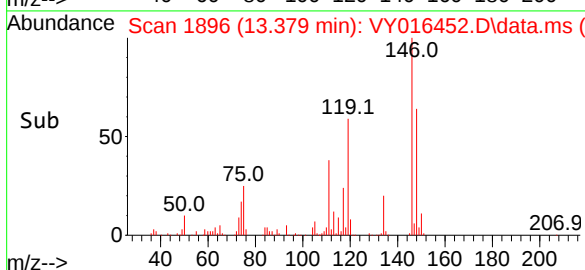
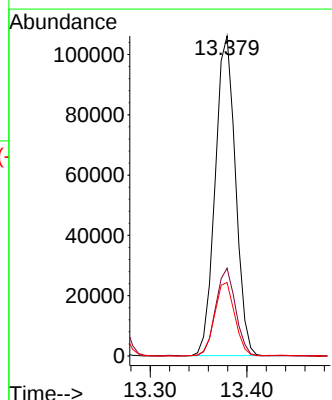
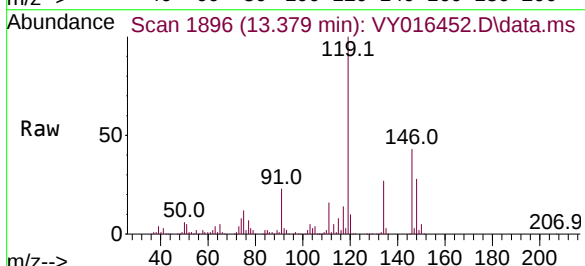
Tgt Ion:119 Resp: 154451

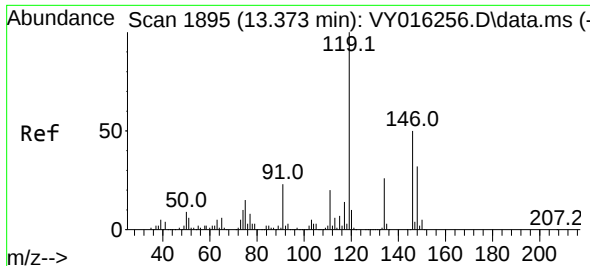
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 23.0 12.4 37.4

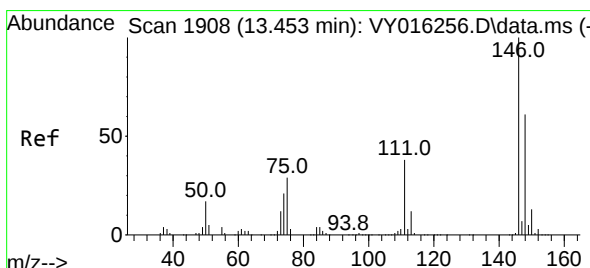
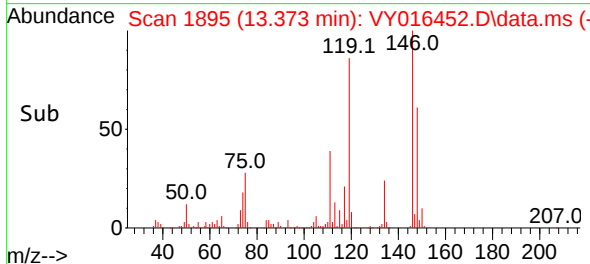
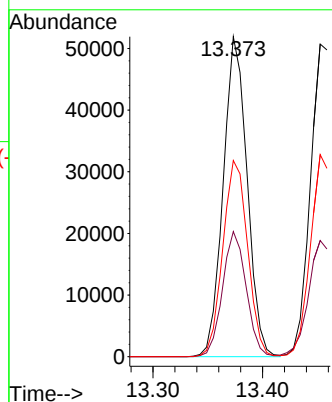
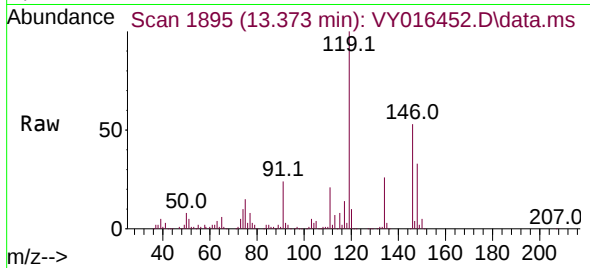




#87
1,3-Dichlorobenzene
Concen: 20.584 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

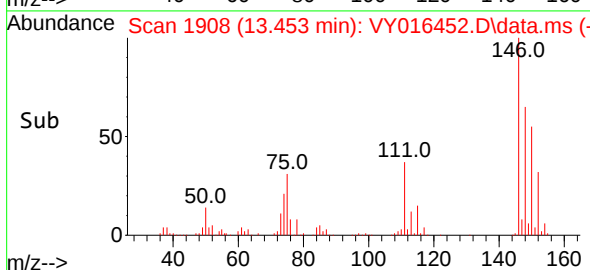
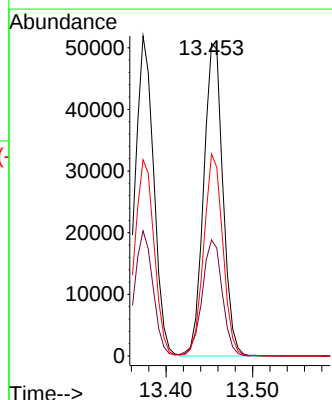
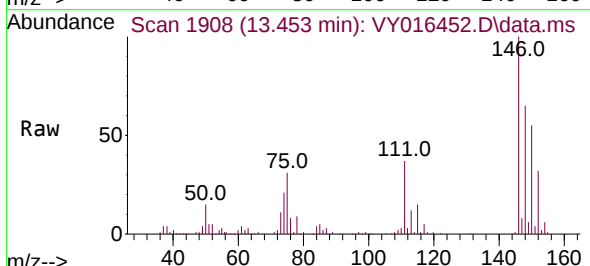
Instrument :
MSVOA_Y
ClientSampleId :

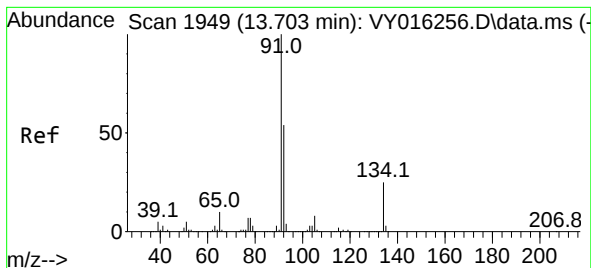
Tgt Ion:146 Resp: 78636
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.2
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.917 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016452.D
Acq: 22 Nov 2023 10:34

Tgt Ion:146 Resp: 78092
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.7
148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 19.435 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

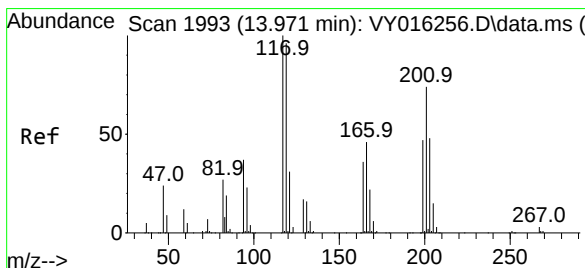
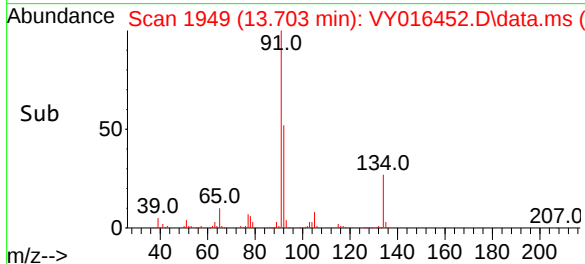
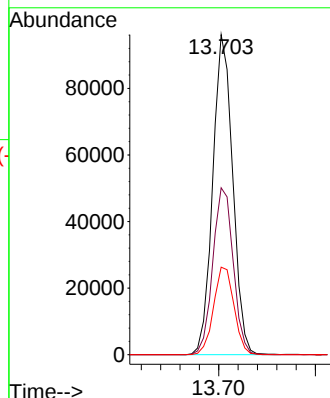
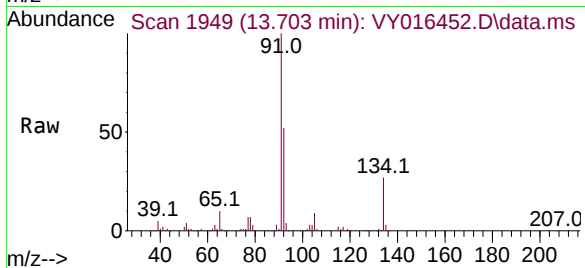
Tgt Ion: 91 Resp: 137755

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 28.0 12.6 37.6



#90

Hexachloroethane

Concen: 19.963 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016452.D

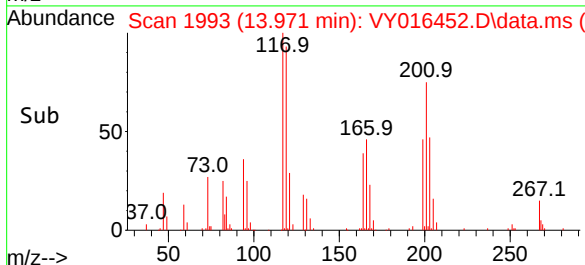
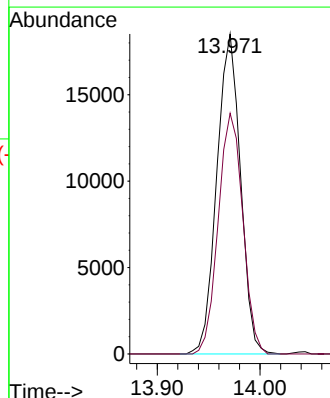
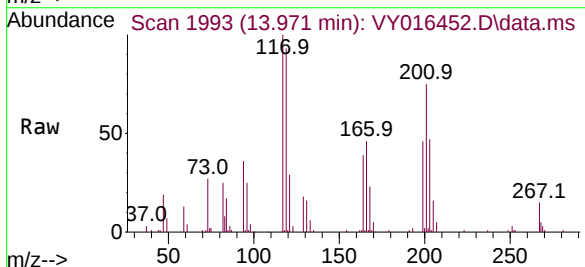
Acq: 22 Nov 2023 10:34

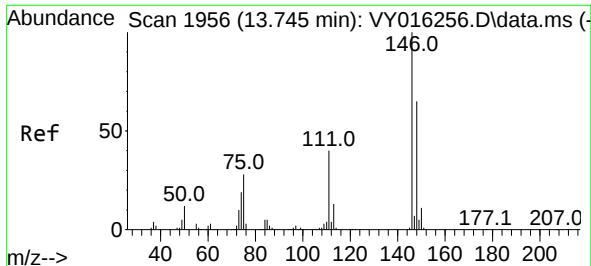
Tgt Ion: 117 Resp: 29557

Ion Ratio Lower Upper

117 100

201 77.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 21.197 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

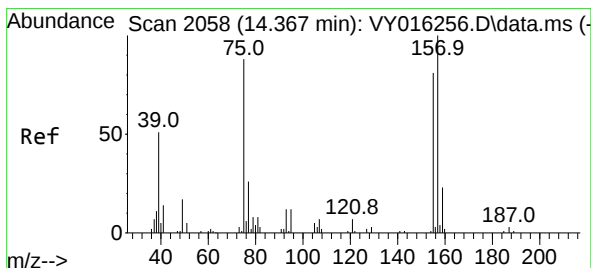
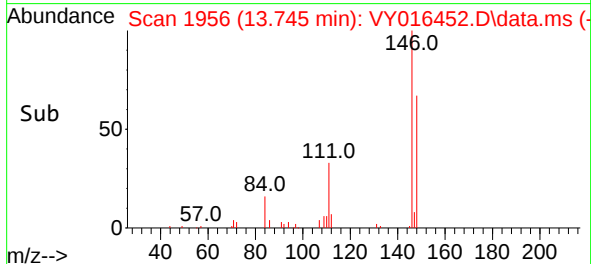
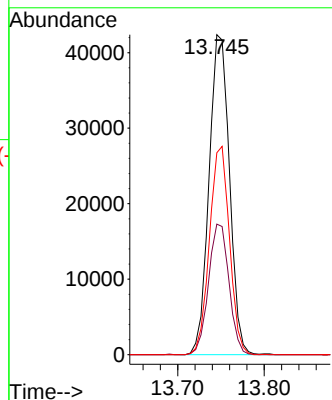
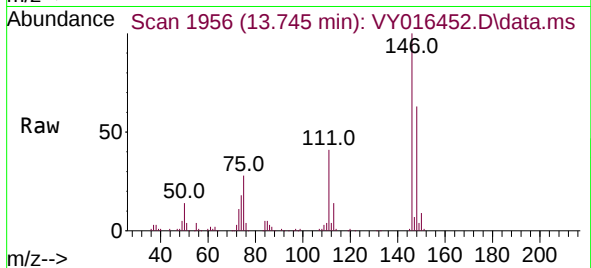
Tgt Ion:146 Resp: 69388

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.0

148 63.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.703 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

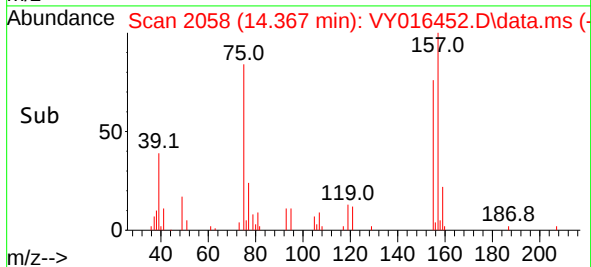
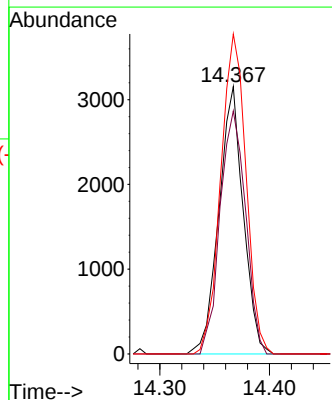
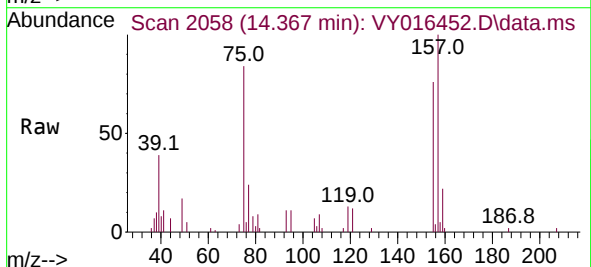
Tgt Ion: 75 Resp: 4868

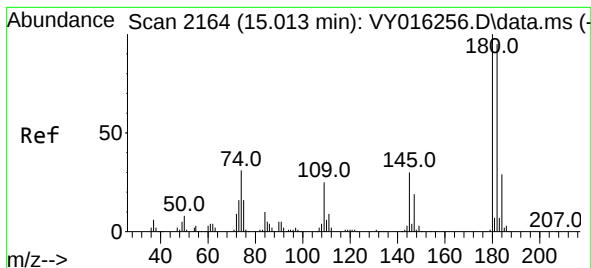
Ion Ratio Lower Upper

75 100

155 95.0 41.5 124.6

157 123.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.156 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

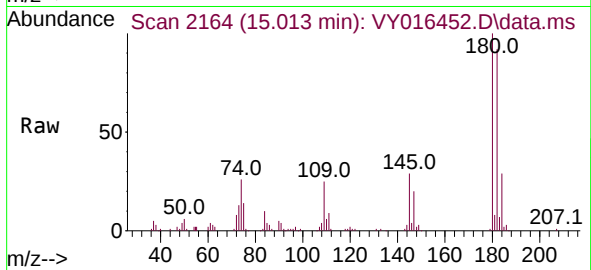
Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :



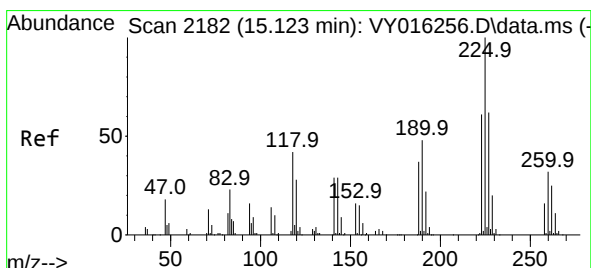
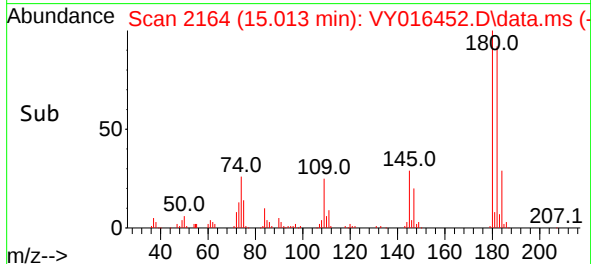
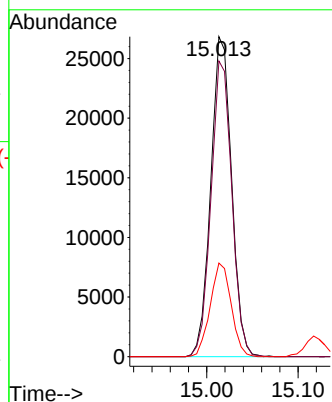
Tgt Ion:180 Resp: 42335

Ion Ratio Lower Upper

180 100

182 92.3 47.0 141.2

145 29.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.664 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

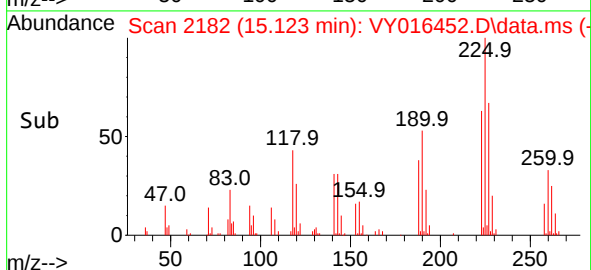
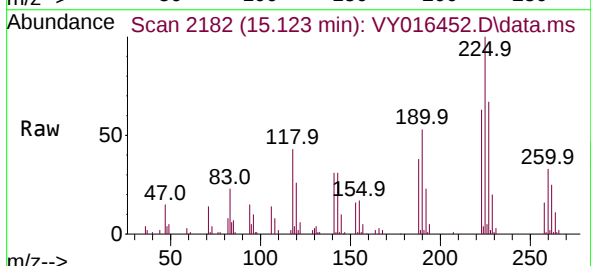
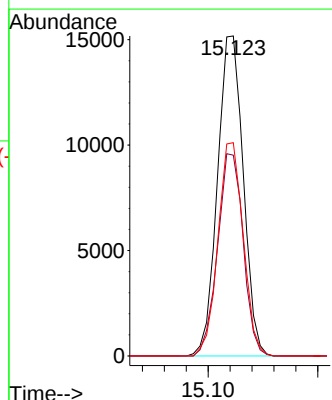
Tgt Ion:225 Resp: 24810

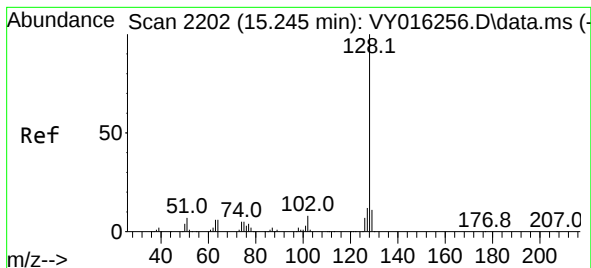
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 65.2 33.0 98.9





#95

Naphthalene

Concen: 23.142 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016452.D

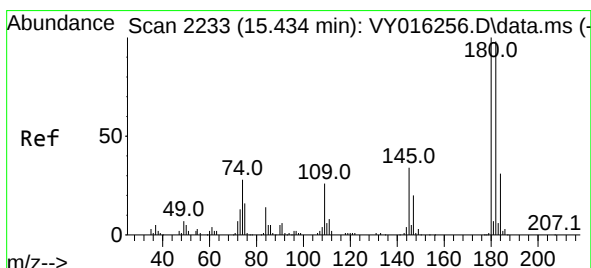
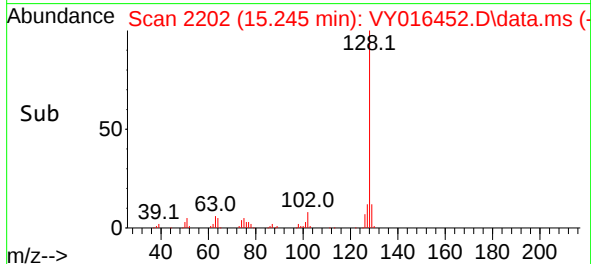
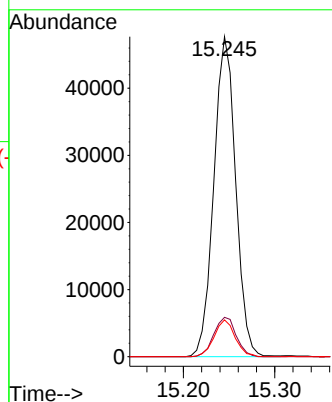
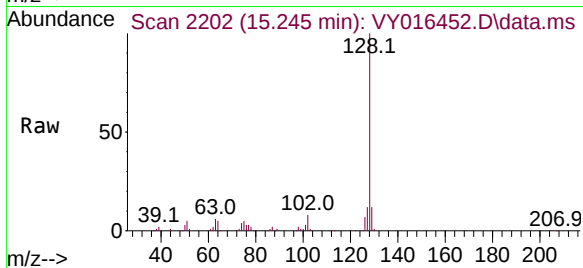
Acq: 22 Nov 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	79086
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.8 16.2
129	11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.980 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016452.D

Acq: 22 Nov 2023 10:34

Tgt Ion:180	Resp:	34738
Ion Ratio	Lower	Upper
180	100	
182	97.0	47.3 141.8
145	33.9	15.4 46.2

