

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019972.D
 Acq On : 22 Oct 2024 11:38
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 01:25:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	222995	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	399190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	345246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163027	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156088	56.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.700%	
35) Dibromofluoromethane	7.628	113	147654	56.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.100%	
50) Toluene-d8	10.103	98	518648	53.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	12.401	95	187461	53.333	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 106.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	36062	17.372	ug/l	95
3) Chloromethane	2.068	50	49606	18.360	ug/l	95
4) Vinyl Chloride	2.202	62	55821	18.775	ug/l	95
5) Bromomethane	2.592	94	38520	20.469	ug/l	97
6) Chloroethane	2.732	64	40229	20.141	ug/l	96
7) Trichlorofluoromethane	3.055	101	87783	19.842	ug/l	97
8) Diethyl Ether	3.458	74	27366	20.353	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.811	101	51895	20.167	ug/l	89
10) Methyl Iodide	4.007	142	42219	16.222	ug/l #	87
11) Tert butyl alcohol	4.866	59	28518	119.003	ug/l #	88
12) 1,1-Dichloroethene	3.793	96	42356	17.705	ug/l #	77
13) Acrolein	3.653	56	17583	87.150	ug/l	99
14) Allyl chloride	4.384	41	84995	19.691	ug/l #	90
15) Acrylonitrile	5.061	53	70363	114.412	ug/l	97
16) Acetone	3.866	43	83428	116.722	ug/l #	80
17) Carbon Disulfide	4.110	76	84222	13.135	ug/l	97
18) Methyl Acetate	4.384	43	34553	22.441	ug/l #	86
19) Methyl tert-butyl Ether	5.110	73	147148	21.410	ug/l	98
20) Methylene Chloride	4.616	84	56646	20.981	ug/l #	78
21) trans-1,2-Dichloroethene	5.110	96	48352	18.570	ug/l #	78
22) Diisopropyl ether	6.018	45	214474	22.812	ug/l #	89
23) Vinyl Acetate	5.957	43	590341	109.526	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	115574	22.114	ug/l	99
25) 2-Butanone	6.896	43	112576	117.668	ug/l #	85
26) 2,2-Dichloropropane	6.884	77	92797	19.937	ug/l	94
27) cis-1,2-Dichloroethene	6.896	96	67380	20.941	ug/l	84
28) Bromochloromethane	7.238	49	51979	22.596	ug/l #	74
29) Tetrahydrofuran	7.262	42	61967	113.437	ug/l #	81
30) Chloroform	7.421	83	119791	22.485	ug/l	96
31) Cyclohexane	7.695	56	79144	17.251	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	95901	20.540	ug/l #	94
36) 1,1-Dichloropropene	7.835	75	71708	18.895	ug/l	94
37) Ethyl Acetate	6.982	43	44595	22.535	ug/l	97
38) Carbon Tetrachloride	7.817	117	76115	18.709	ug/l	98
39) Methylcyclohexane	9.109	83	83024	17.363	ug/l #	89
40) Benzene	8.079	78	232333	20.229	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	25579	23.883	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	70838	21.468	ug/l	95
43) Isopropyl Acetate	8.195	43	88186	21.851	ug/l #	88
44) Trichloroethene	8.865	130	53833	19.352	ug/l	93
45) 1,2-Dichloropropane	9.140	63	62406	21.708	ug/l	95
46) Dibromomethane	9.231	93	33185	21.128	ug/l	88
47) Bromodichloromethane	9.420	83	90748	21.768	ug/l #	93
48) Methyl methacrylate	9.219	41	38855	21.887	ug/l #	81
49) 1,4-Dioxane	9.231	88	7666	436.089	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	236937	115.102	ug/l	87
52) Toluene	10.170	92	147740	20.607	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	75805	20.209	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	90917	20.541	ug/l #	83
55) 1,1,2-Trichloroethane	10.572	97	45713	22.091	ug/l	97
56) Ethyl methacrylate	10.438	69	62657	21.102	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	79830	21.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	140702	101.789	ug/l	92
59) 2-Hexanone	10.761	43	168776	114.795	ug/l	85
60) Dibromochloromethane	10.908	129	56246	21.177	ug/l	100
61) 1,2-Dibromoethane	11.011	107	38498	20.588	ug/l	98
64) Tetrachloroethene	10.646	164	44825	18.254	ug/l	93
65) Chlorobenzene	11.438	112	159172	20.157	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	57723	21.605	ug/l	96
67) Ethyl Benzene	11.517	91	286431	19.968	ug/l	100
68) m/p-Xylenes	11.627	106	206259	38.933	ug/l	90
69) o-Xylene	11.950	106	100341	19.713	ug/l	90
70) Styrene	11.969	104	175410	20.426	ug/l	95
71) Bromoform	12.127	173	28873	20.187	ug/l #	100
73) Isopropylbenzene	12.249	105	276863	20.190	ug/l	97
74) N-amyl acetate	12.066	43	77748	21.407	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	56863	23.337	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	68062	21.311	ug/l #	100
77) Bromobenzene	12.529	156	58372	20.060	ug/l	82
78) n-propylbenzene	12.590	91	343357	20.722	ug/l	96
79) 2-Chlorotoluene	12.676	91	196135	20.648	ug/l	93
80) 1,3,5-Trimethylbenzene	12.731	105	222638	20.104	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	15335	19.381	ug/l #	78
82) 4-Chlorotoluene	12.773	91	200305	20.623	ug/l	94
83) tert-Butylbenzene	12.993	119	203727	20.535	ug/l	93
84) 1,2,4-Trimethylbenzene	13.041	105	222492	20.264	ug/l	96
85) sec-Butylbenzene	13.169	105	308477	20.811	ug/l	96
86) p-Isopropyltoluene	13.291	119	243006	20.190	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	119217	20.287	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	118139	20.464	ug/l	96
89) n-Butylbenzene	13.615	91	244627	20.814	ug/l	97
90) Hexachloroethane	13.877	117	48467	20.680	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	106590	20.643	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	8487	21.825	ug/l	69
93) 1,2,4-Trichlorobenzene	14.919	180	56103	19.377	ug/l	98
94) Hexachlorobutadiene	15.017	225	31492	19.564	ug/l	99
95) Naphthalene	15.139	128	106373	19.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	46528	19.011	ug/l	97

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QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

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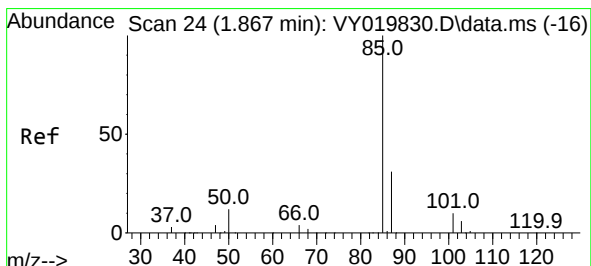
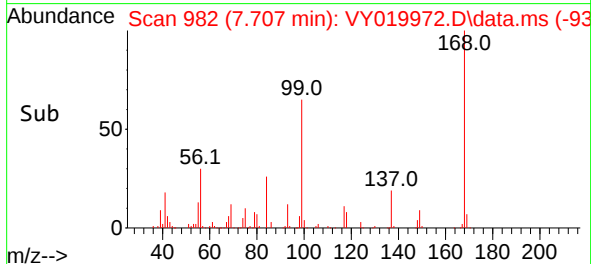
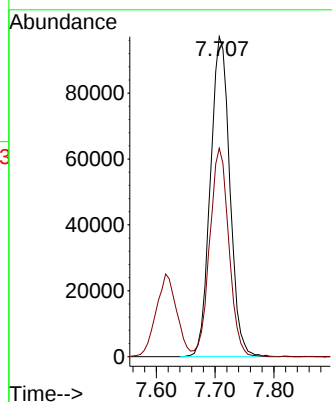
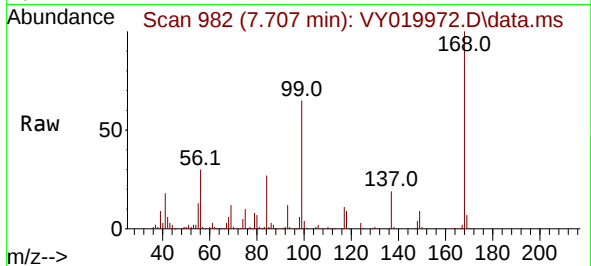
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

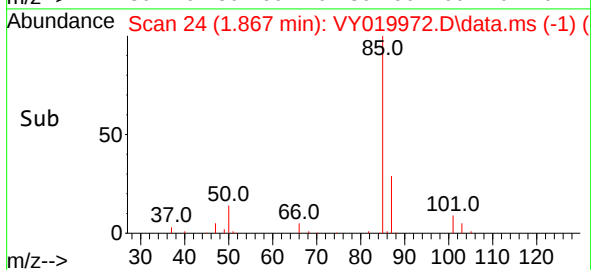
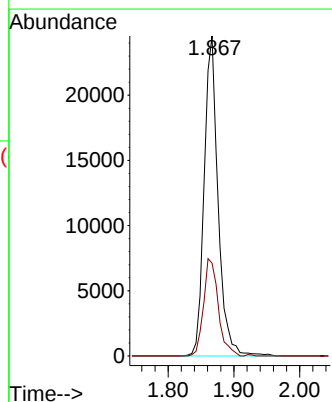
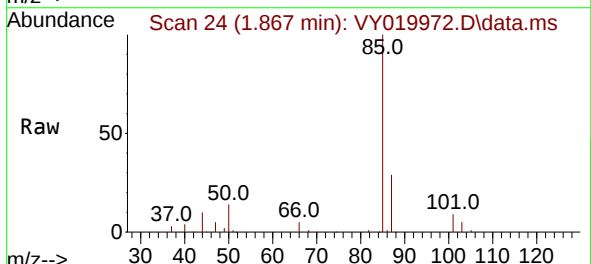
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 222995
Ion Ratio Lower Upper
168 100
99 65.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 17.372 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 85 Resp: 36062
Ion Ratio Lower Upper
85 100
87 29.0 16.0 48.0

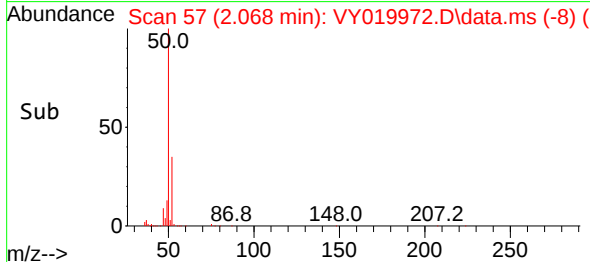
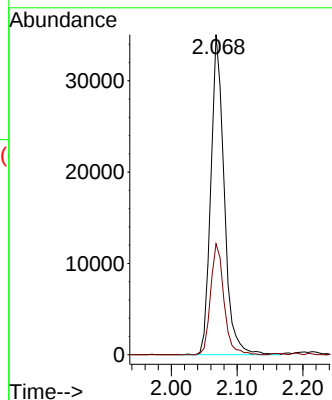
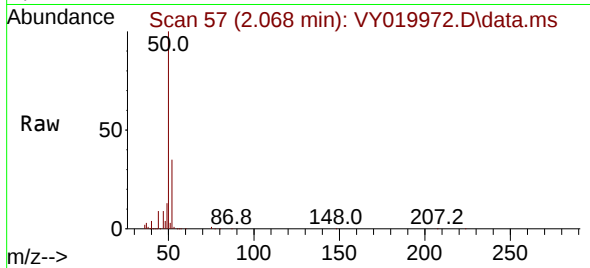




#3
Chloromethane
Concen: 18.360 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

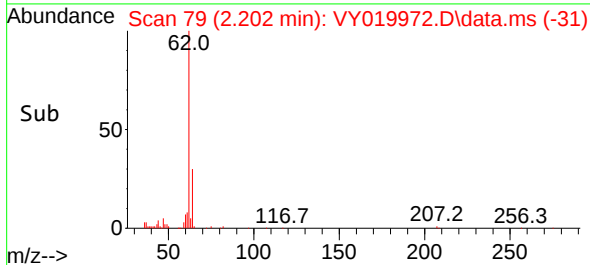
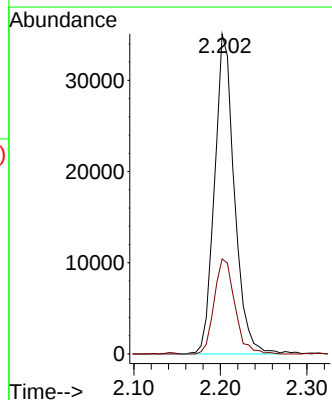
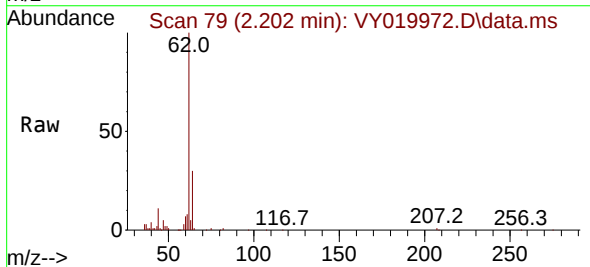
Instrument :
MSVOA_Y
ClientSampleId :

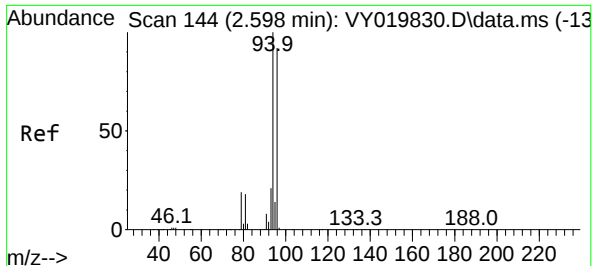
Tgt Ion: 50 Resp: 49606
Ion Ratio Lower Upper
50 100
52 34.7 25.6 38.4



#4
Vinyl Chloride
Concen: 18.775 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 62 Resp: 55821
Ion Ratio Lower Upper
62 100
64 29.7 26.1 39.1

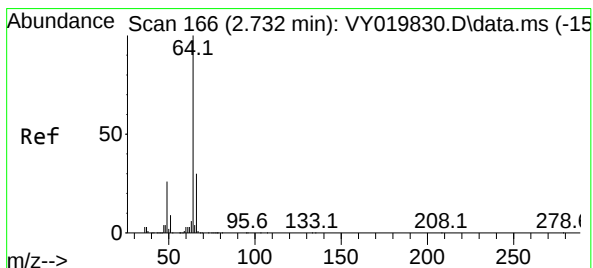
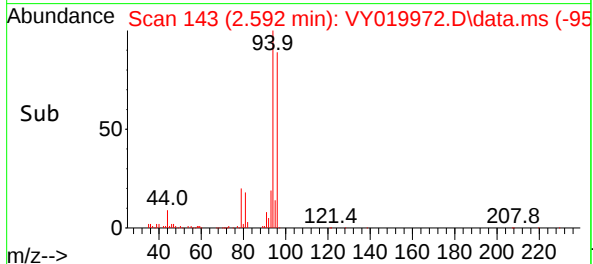
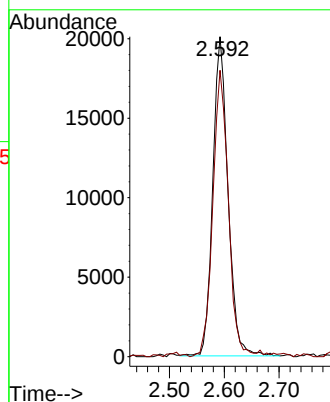
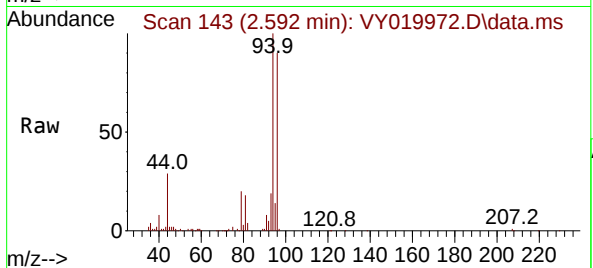




#5
Bromomethane
Concen: 20.469 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

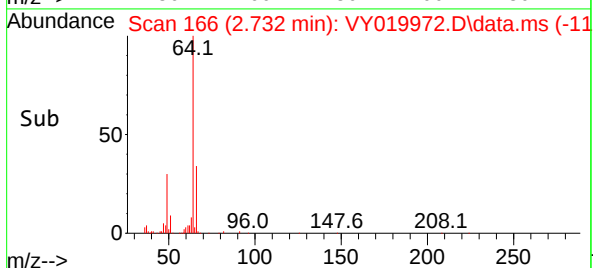
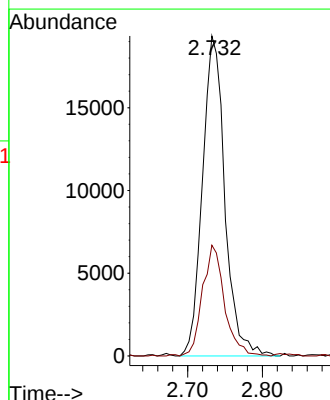
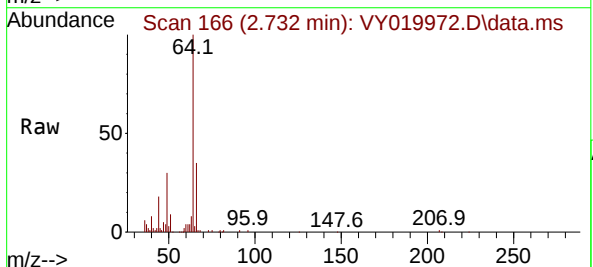
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 38520
Ion Ratio Lower Upper
94 100
96 89.4 74.1 111.1



#6
Chloroethane
Concen: 20.141 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 64 Resp: 40229
Ion Ratio Lower Upper
64 100
66 34.6 26.1 39.1

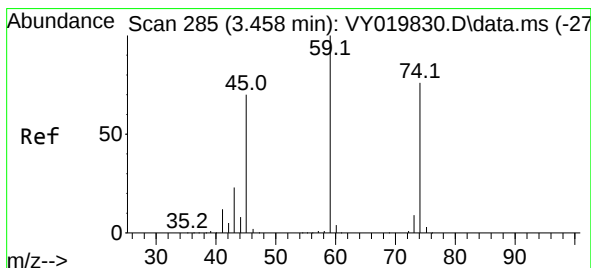
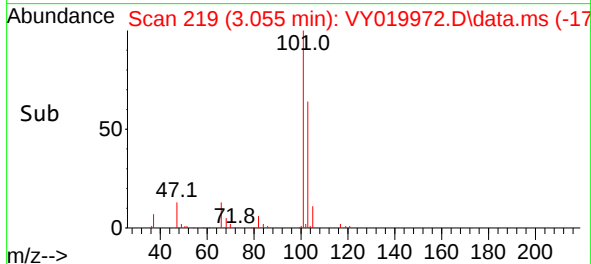
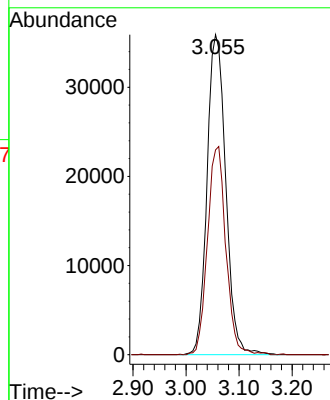
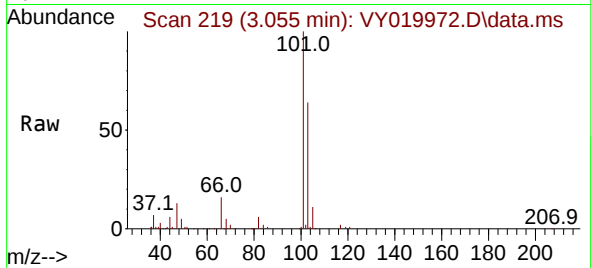




#7
 Trichlorofluoromethane
 Concen: 19.842 ug/l
 RT: 3.055 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019972.D
 Acq: 22 Oct 2024 11:38

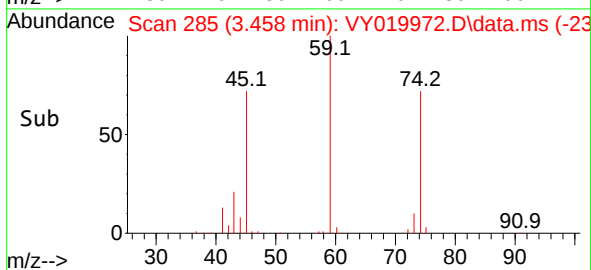
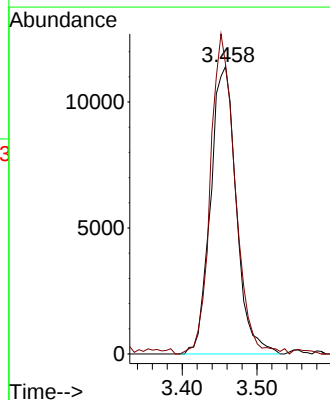
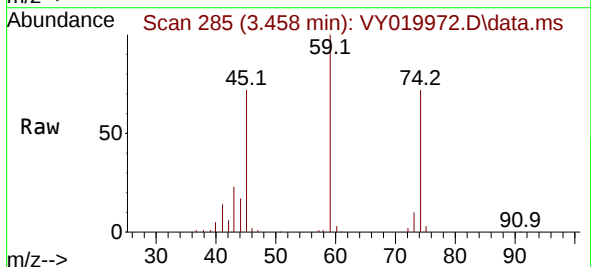
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 87783
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.353 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019972.D
 Acq: 22 Oct 2024 11:38

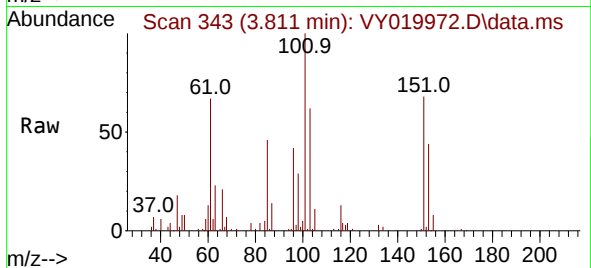
Tgt Ion: 74 Resp: 27366
 Ion Ratio Lower Upper
 74 100
 45 106.6 41.3 124.1



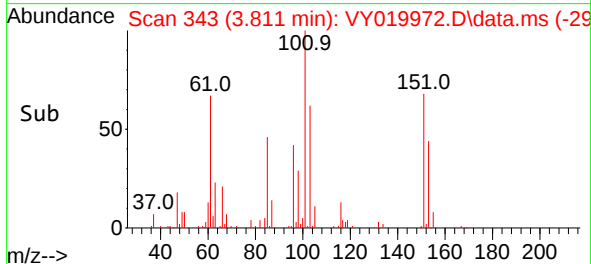
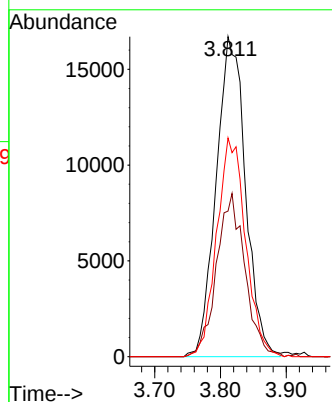


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.167 ug/l
RT: 3.811 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :

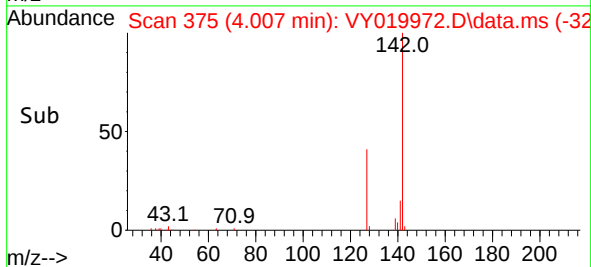
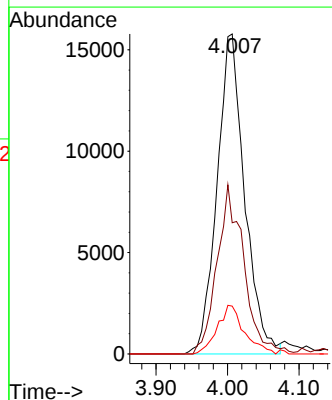
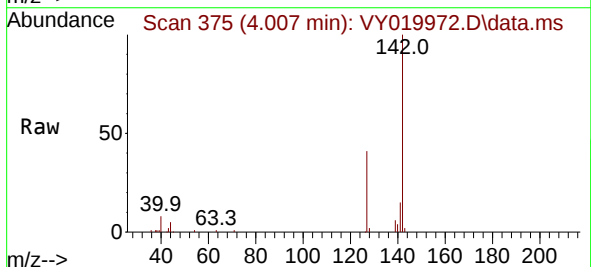


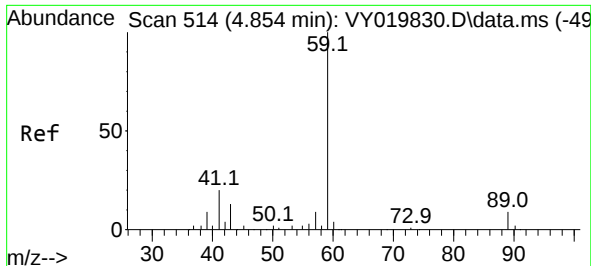
Tgt Ion:101 Resp: 51895
Ion Ratio Lower Upper
101 100
85 49.1 34.5 51.7
151 67.3 61.7 92.5



#10
Methyl Iodide
Concen: 16.222 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion:142 Resp: 42219
Ion Ratio Lower Upper
142 100
127 51.3 32.8 49.2#
141 14.9 11.4 17.2

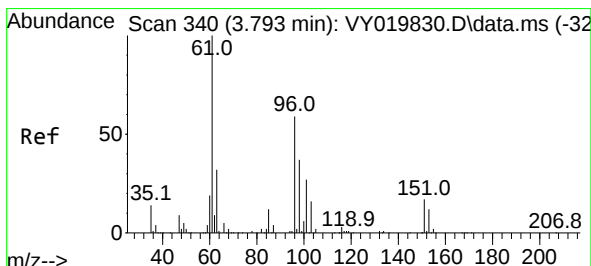
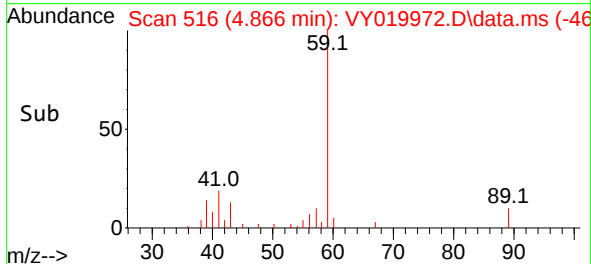
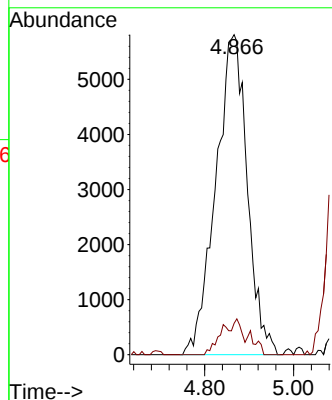
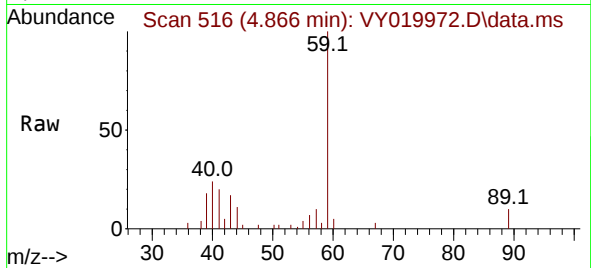




#11
Tert butyl alcohol
Concen: 119.003 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

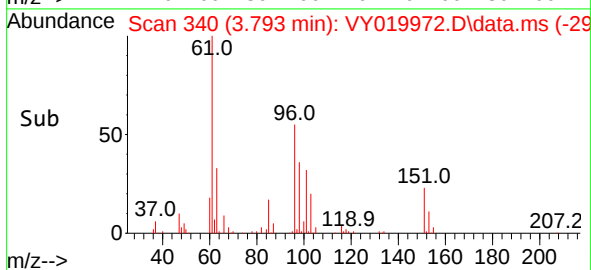
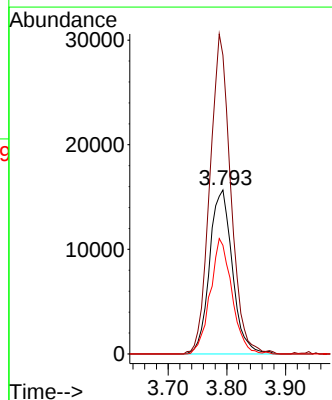
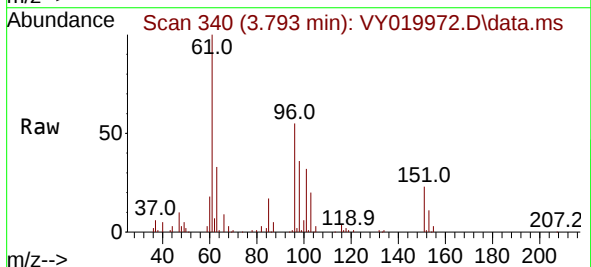
Instrument :
MSVOA_Y
ClientSampleId :

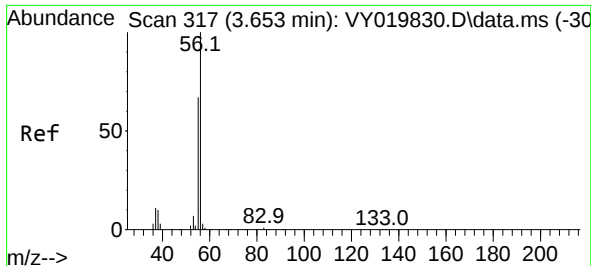
Tgt Ion: 59 Resp: 28518
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 17.705 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 96 Resp: 42356
Ion Ratio Lower Upper
96 100
61 182.0 114.6 171.8#
98 66.2 50.8 76.2





#13

Acrolein

Concen: 87.150 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

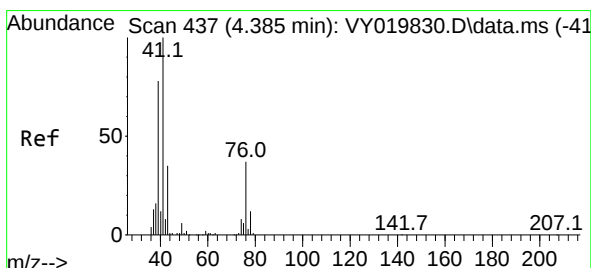
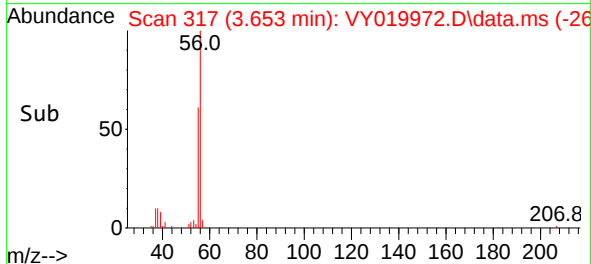
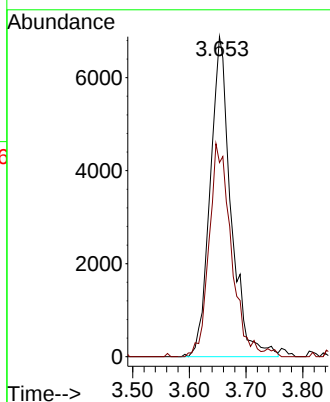
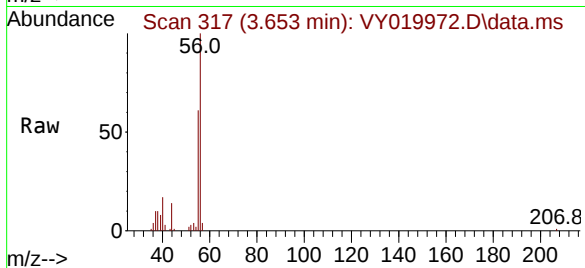
ClientSampleId :

Tgt Ion: 56 Resp: 17583

Ion Ratio Lower Upper

56 100

55 70.5 55.7 83.5



#14

Allyl chloride

Concen: 19.691 ug/l

RT: 4.384 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

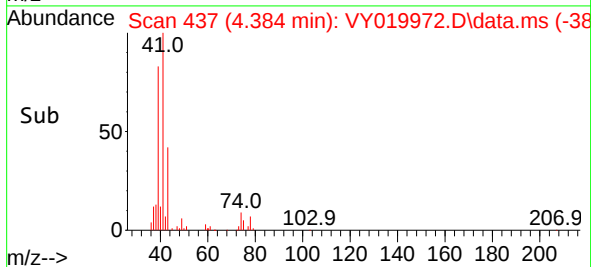
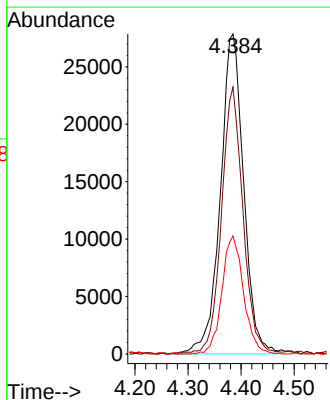
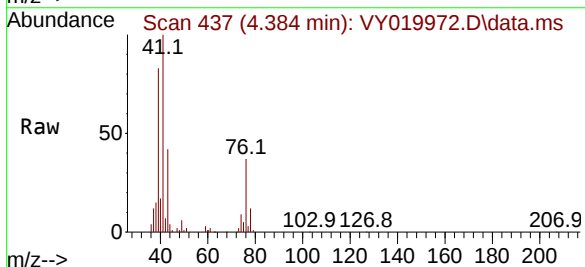
Tgt Ion: 41 Resp: 84995

Ion Ratio Lower Upper

41 100

39 75.3 58.3 87.5

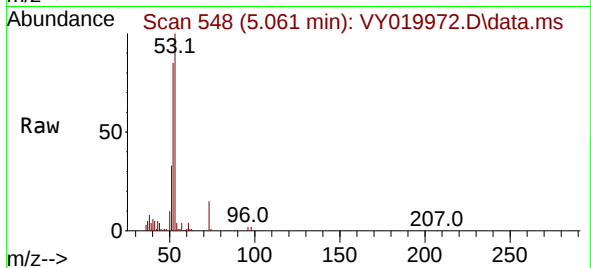
76 34.3 39.0 58.6#



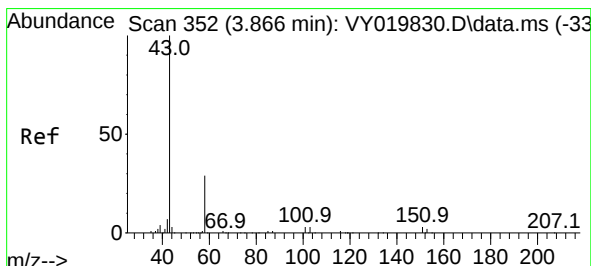
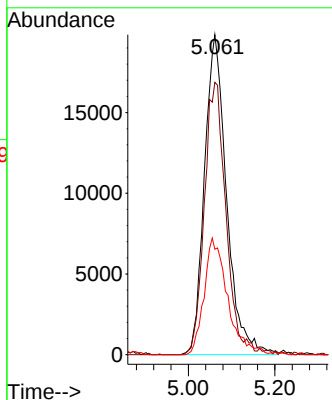
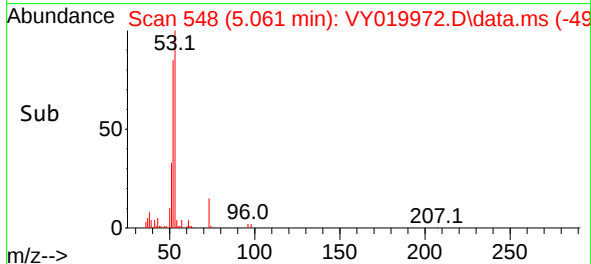


#15
Acrylonitrile
Concen: 114.412 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :

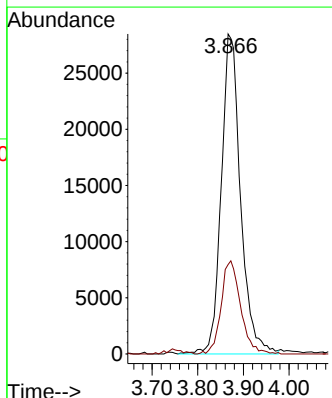
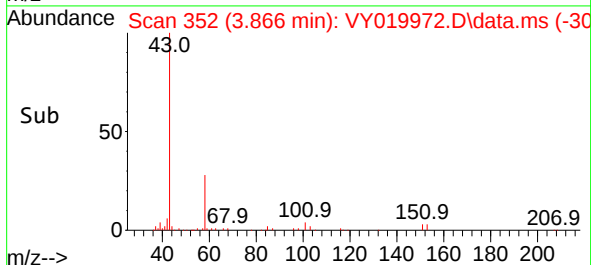
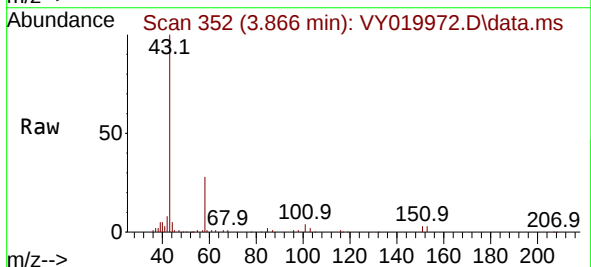


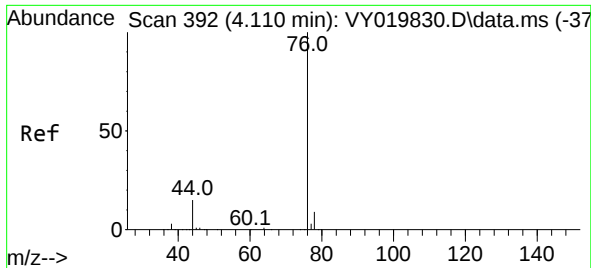
Tgt Ion: 53 Resp: 70363
Ion Ratio Lower Upper
53 100
52 82.8 64.7 97.1
51 38.6 28.4 42.6



#16
Acetone
Concen: 116.722 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 43 Resp: 83428
Ion Ratio Lower Upper
43 100
58 27.5 31.7 47.5#

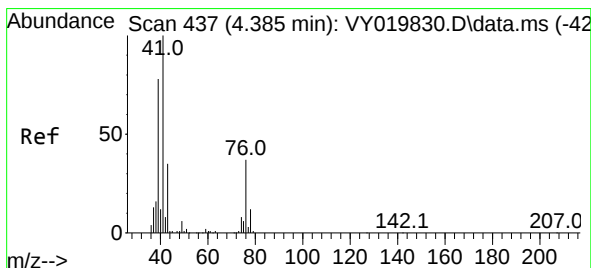
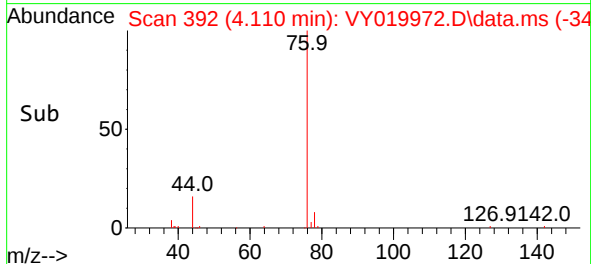
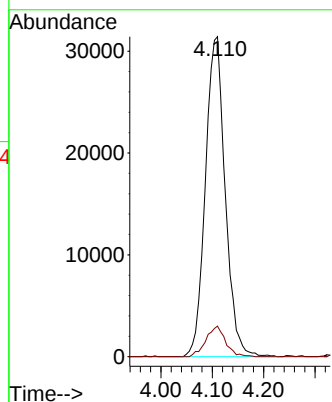
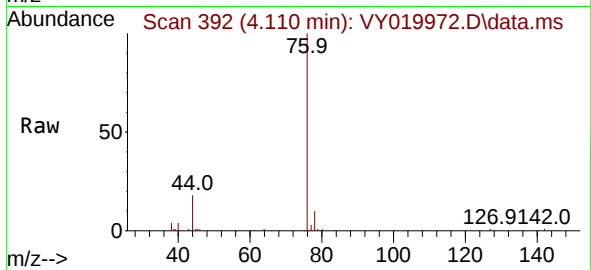




#17
Carbon Disulfide
Concen: 13.135 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

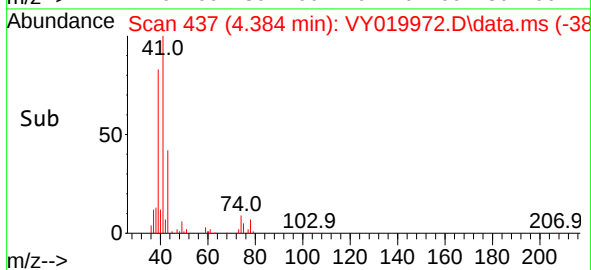
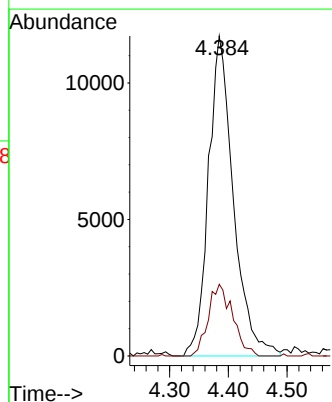
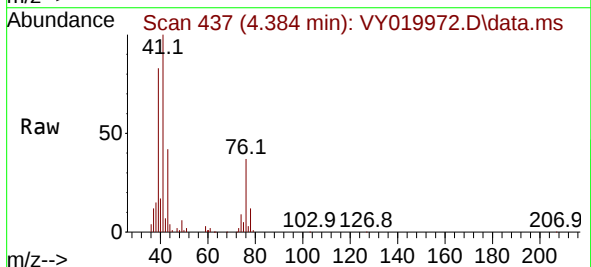
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 84222
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 22.441 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 43 Resp: 34553
Ion Ratio Lower Upper
43 100
74 21.9 23.3 34.9#

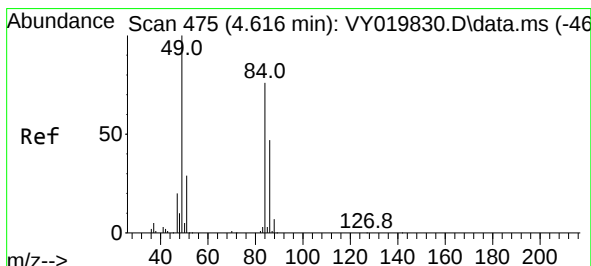
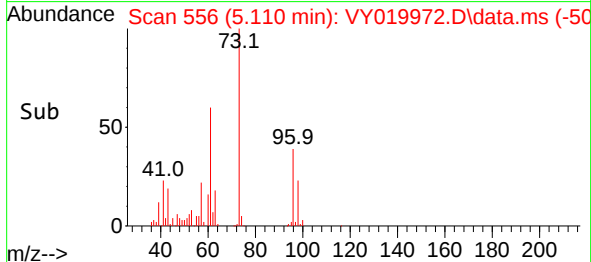
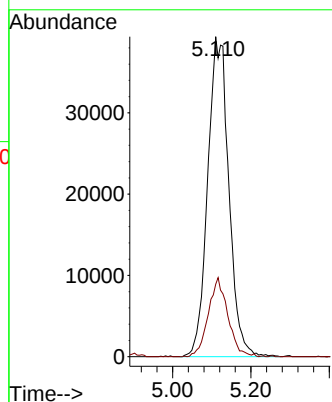
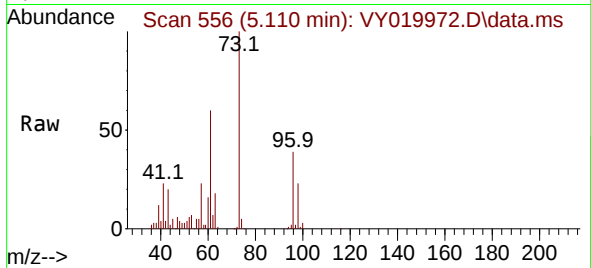




#19
Methyl tert-butyl Ether
Concen: 21.410 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

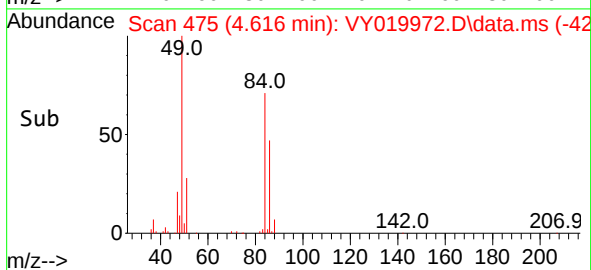
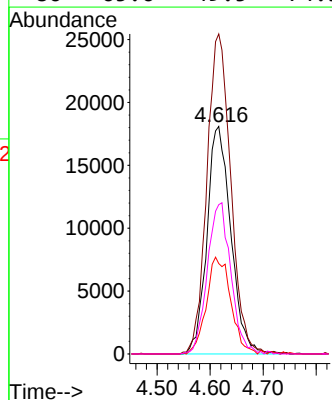
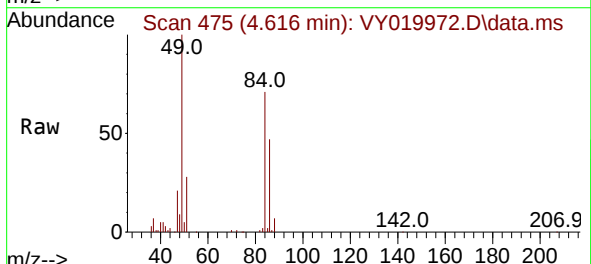
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 147148
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 20.981 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

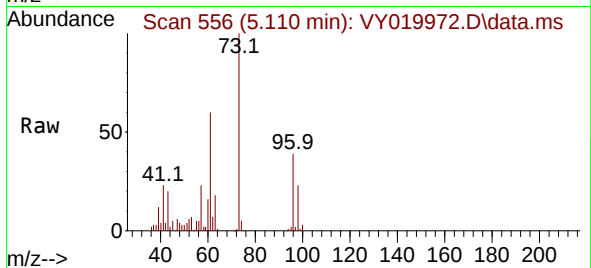
Tgt Ion: 84 Resp: 56646
Ion Ratio Lower Upper
84 100
49 140.7 84.4 126.6#
51 39.8 26.0 39.0#
86 65.6 49.5 74.3



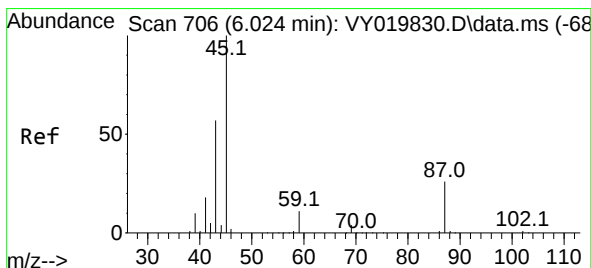
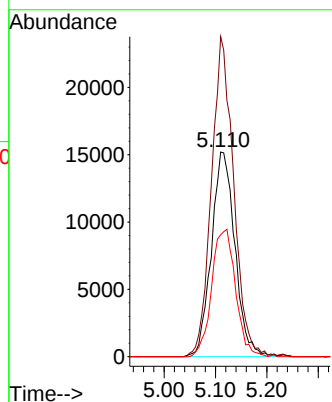
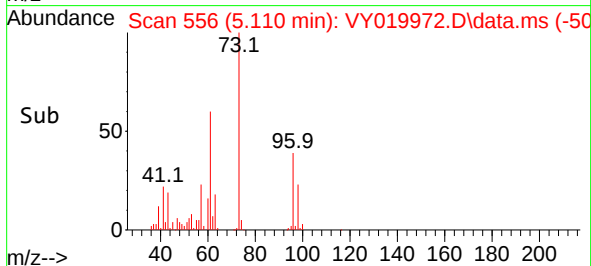


#21
trans-1,2-Dichloroethene
Concen: 18.570 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :

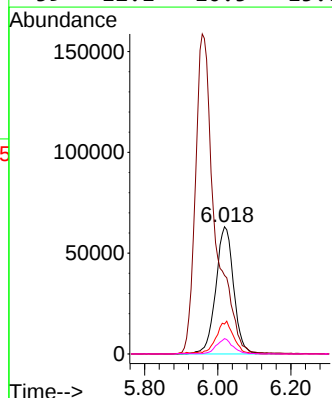
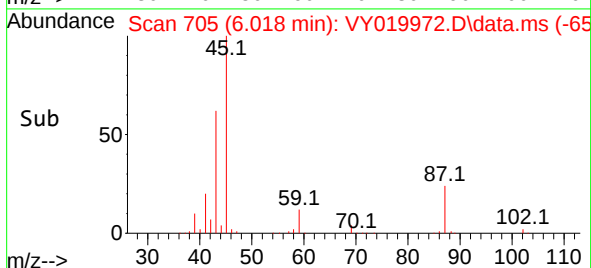
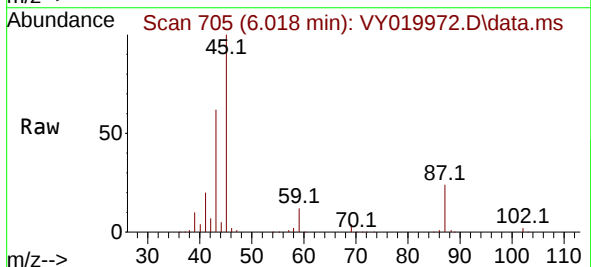


Tgt Ion: 96 Resp: 48352
Ion Ratio Lower Upper
96 100
61 156.3 97.5 146.3#
98 59.6 50.5 75.7



#22
Diisopropyl ether
Concen: 22.812 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 45 Resp: 214474
Ion Ratio Lower Upper
45 100
43 61.3 42.2 63.2
87 23.5 25.0 37.6#
59 12.1 10.5 15.7

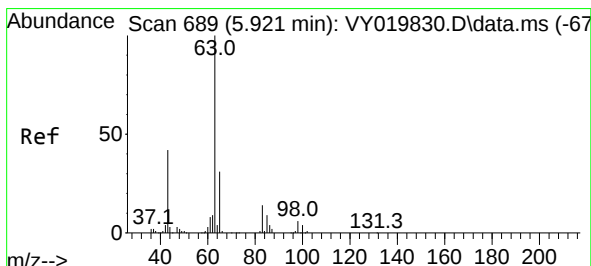
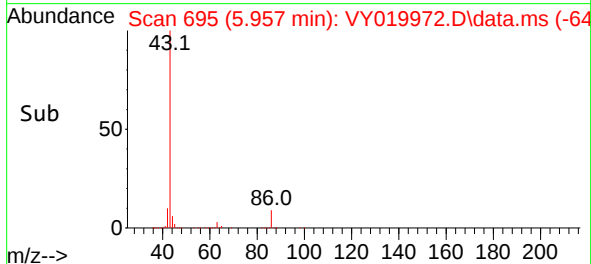
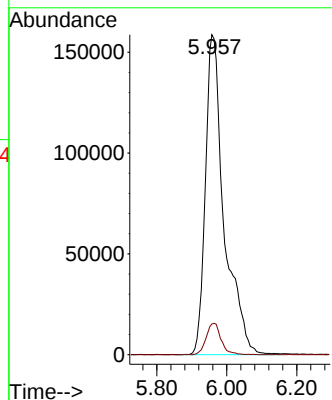
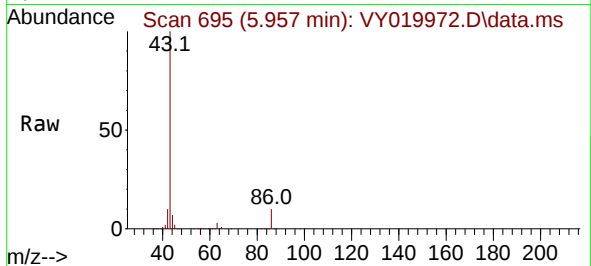




#23
 Vinyl Acetate
 Concen: 109.526 ug/l
 RT: 5.957 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY019972.D
 Acq: 22 Oct 2024 11:38

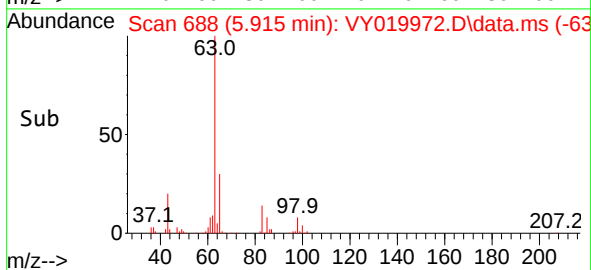
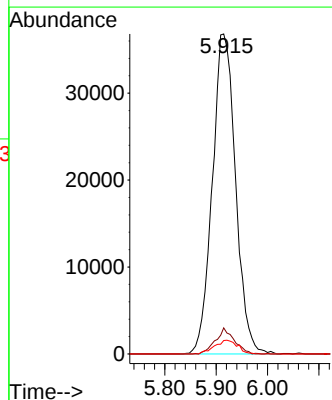
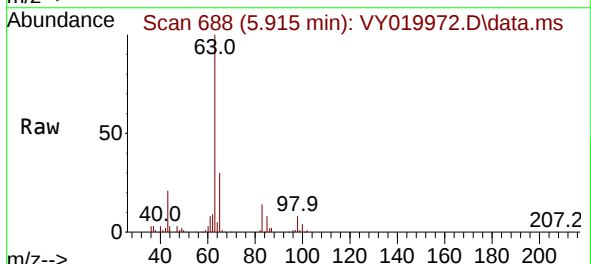
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 590341
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 22.114 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019972.D
 Acq: 22 Oct 2024 11:38

Tgt Ion: 63 Resp: 115574
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 4.2 2.6 8.0





#25

2-Butanone

Concen: 117.668 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

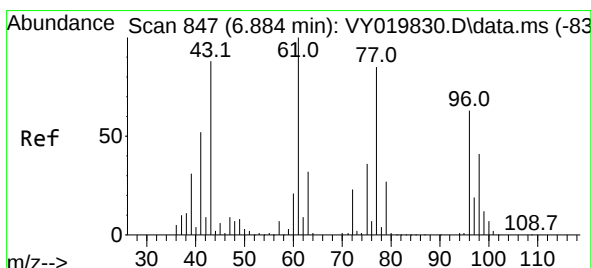
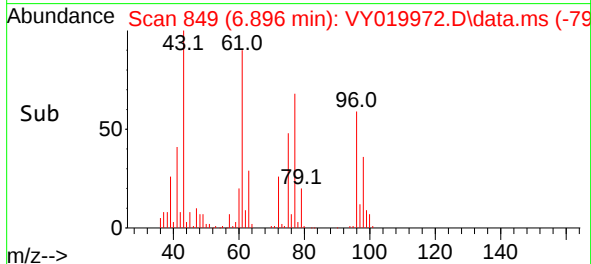
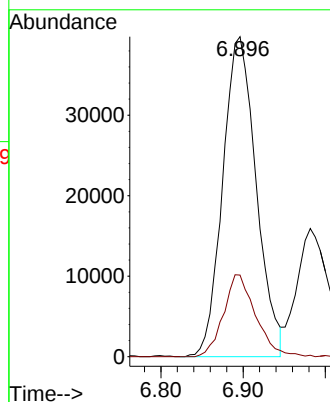
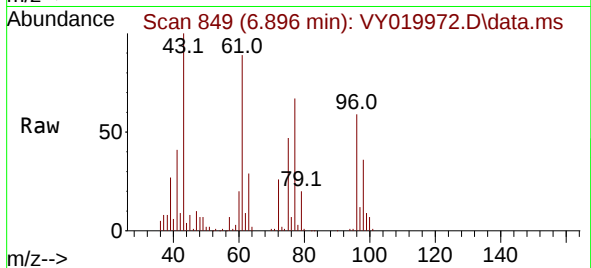
ClientSampleId :

Tgt Ion: 43 Resp: 112576

Ion Ratio Lower Upper

43 100

72 25.5 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 19.937 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019972.D

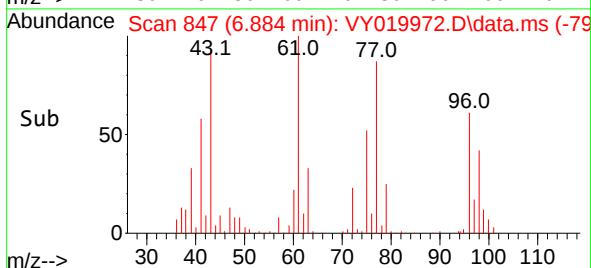
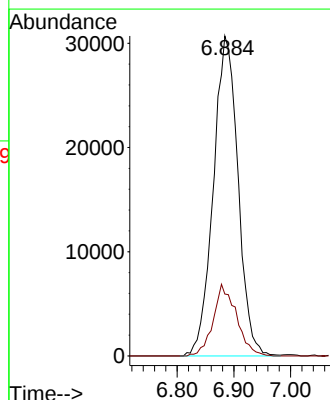
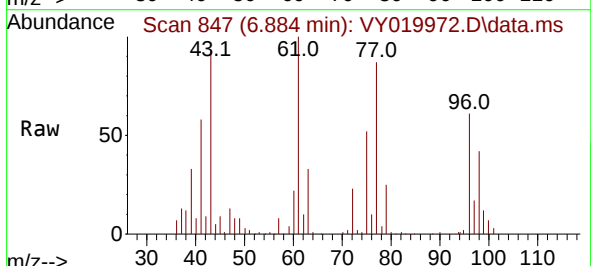
Acq: 22 Oct 2024 11:38

Tgt Ion: 77 Resp: 92797

Ion Ratio Lower Upper

77 100

97 21.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.941 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

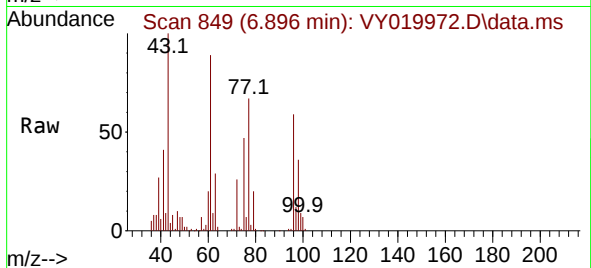
Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :



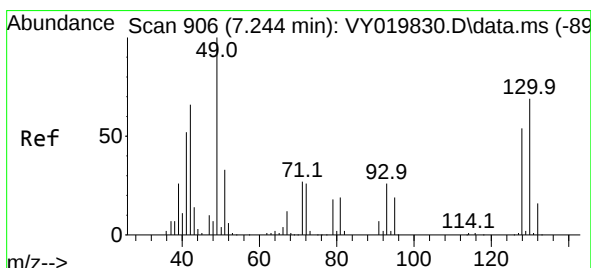
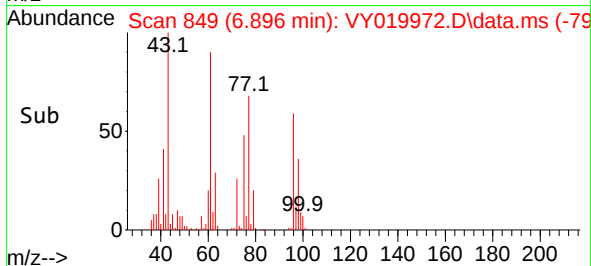
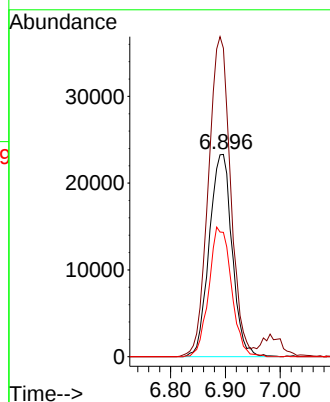
Tgt Ion: 96 Resp: 67380

Ion Ratio Lower Upper

96 100

61 154.4 0.0 256.2

98 63.1 0.0 130.0



#28

Bromochloromethane

Concen: 22.596 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

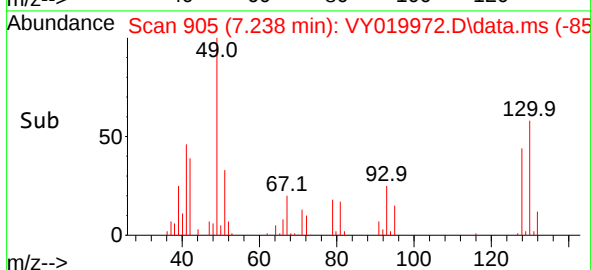
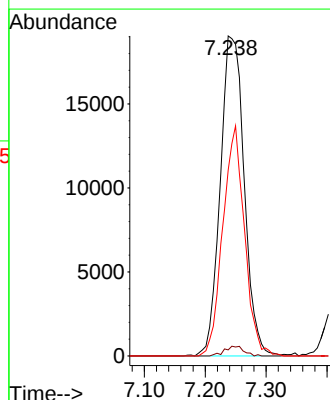
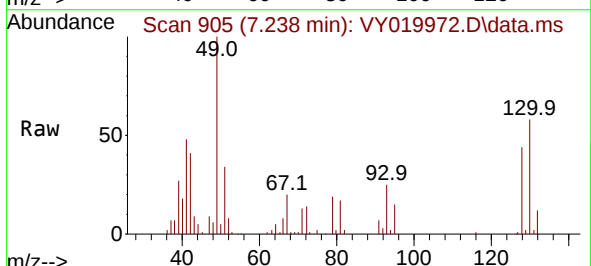
Tgt Ion: 49 Resp: 51979

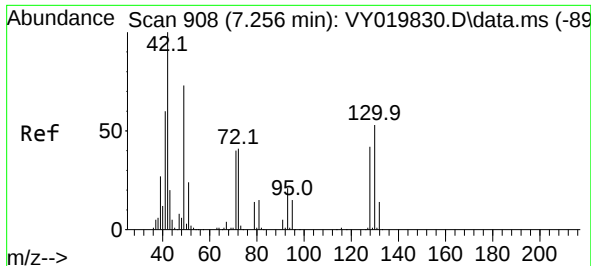
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 65.3 72.7 109.1#





#29

Tetrahydrofuran

Concen: 113.437 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

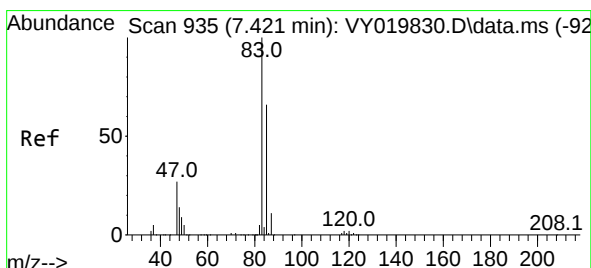
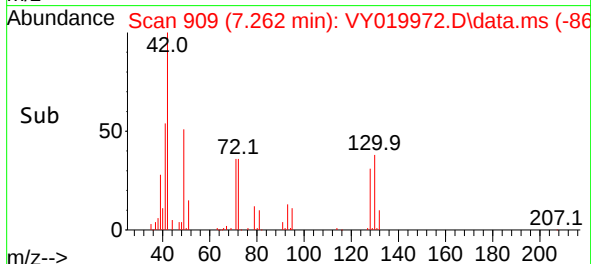
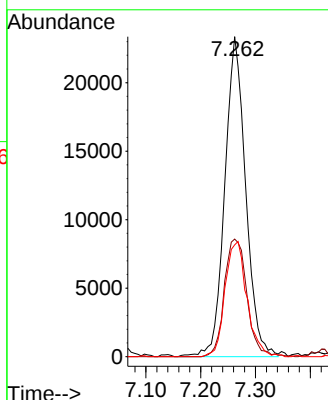
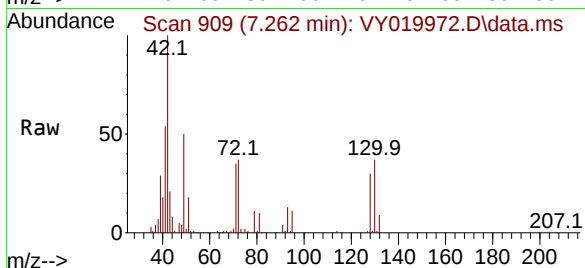
Tgt Ion: 42 Resp: 61967

Ion Ratio Lower Upper

42 100

72 39.6 43.0 64.4#

71 37.7 40.8 61.2#



#30

Chloroform

Concen: 22.485 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019972.D

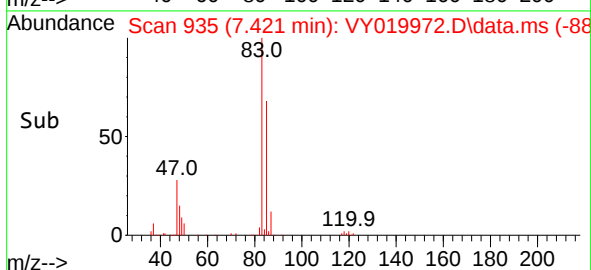
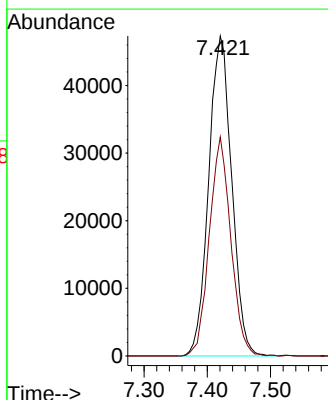
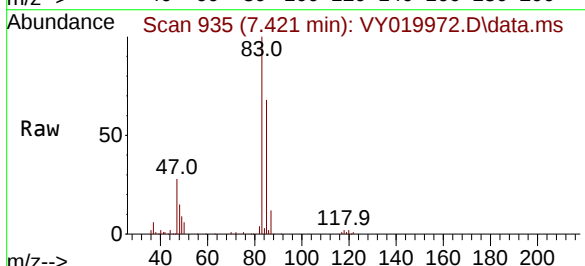
Acq: 22 Oct 2024 11:38

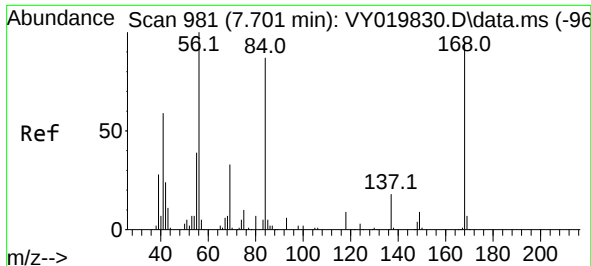
Tgt Ion: 83 Resp: 119791

Ion Ratio Lower Upper

83 100

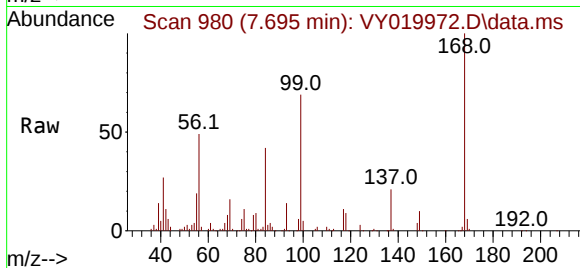
85 68.5 52.2 78.4



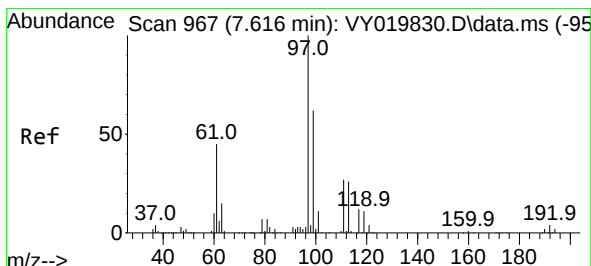
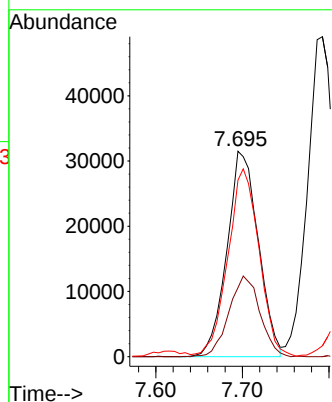
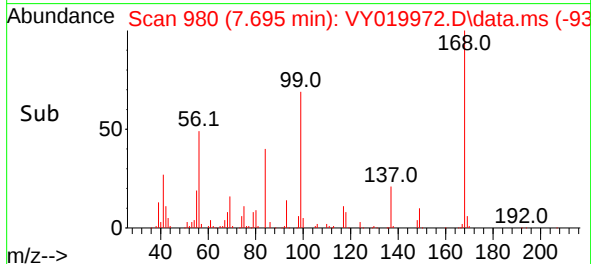


#31
Cyclohexane
Concen: 17.251 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :

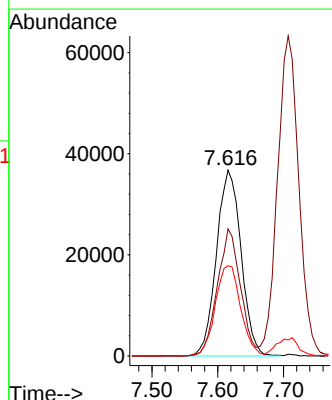
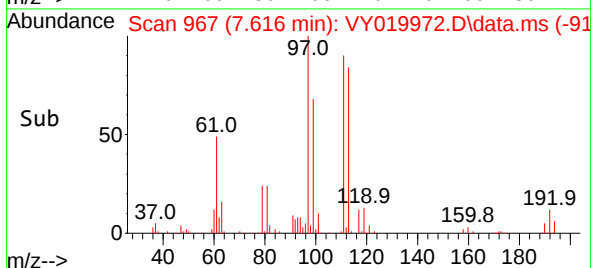
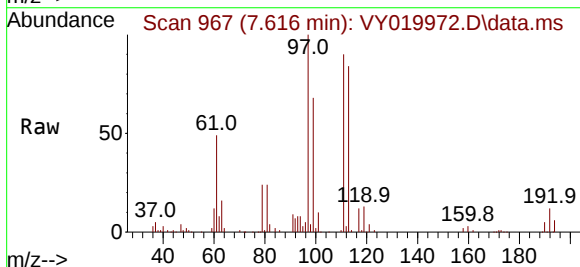


Tgt Ion: 56 Resp: 79144
Ion Ratio Lower Upper
56 100
69 33.6 28.7 43.1
84 84.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.540 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 97 Resp: 95901
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 50.0 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 56.848 ug/l

RT: 8.061 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

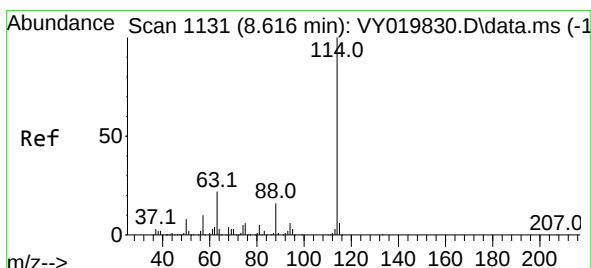
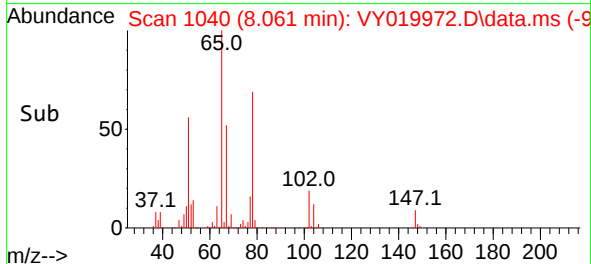
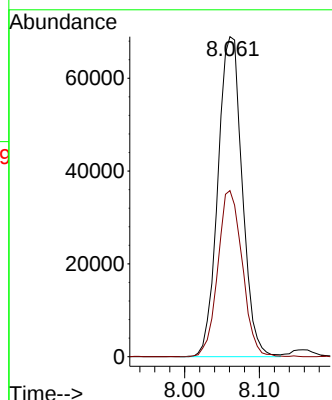
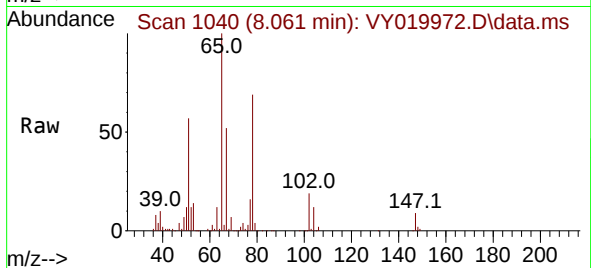
ClientSampleId :

Tgt Ion: 65 Resp: 156088

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

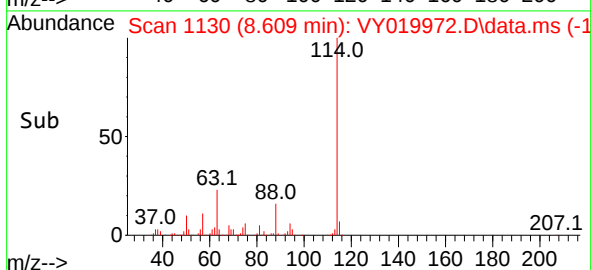
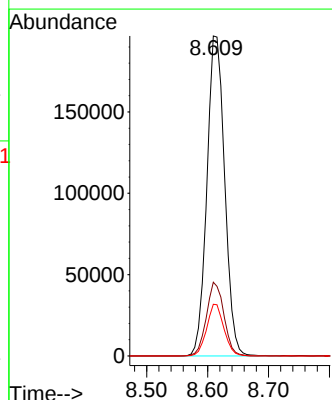
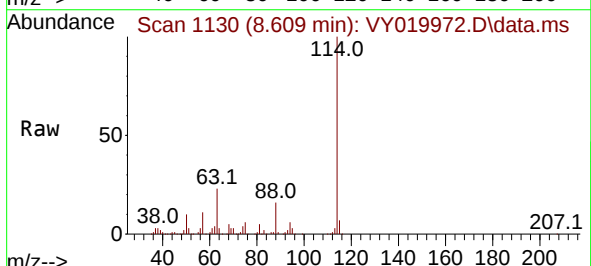
Tgt Ion: 114 Resp: 399190

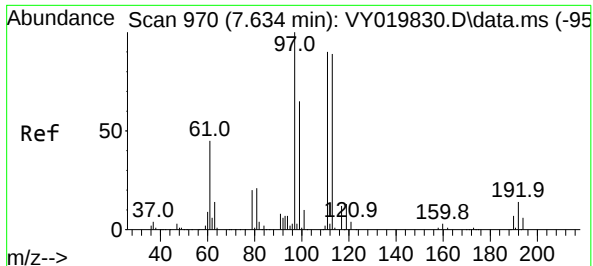
Ion Ratio Lower Upper

114 100

63 23.1 0.0 35.0

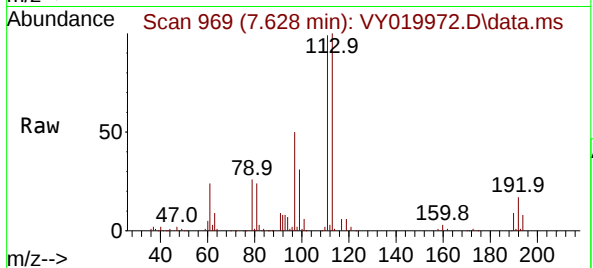
88 16.1 0.0 27.2



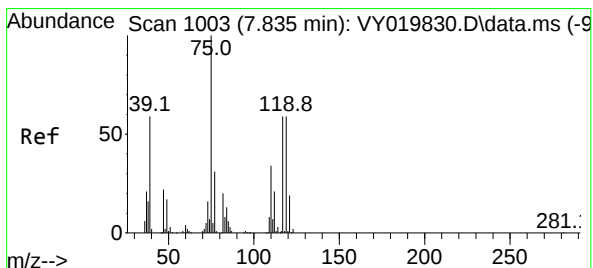
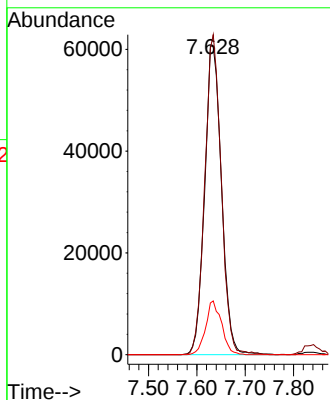
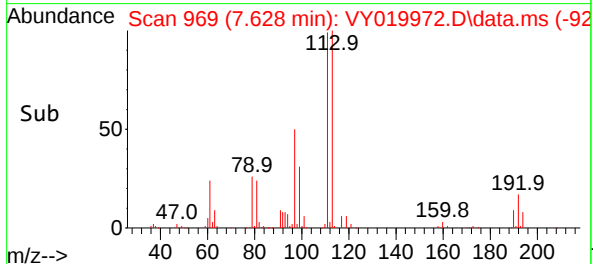


#35
Dibromofluoromethane
Concen: 56.052 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

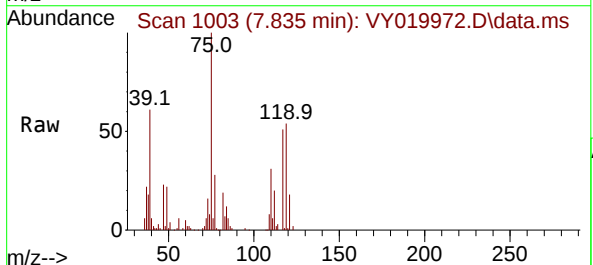
Instrument :
MSVOA_Y
ClientSampleId :



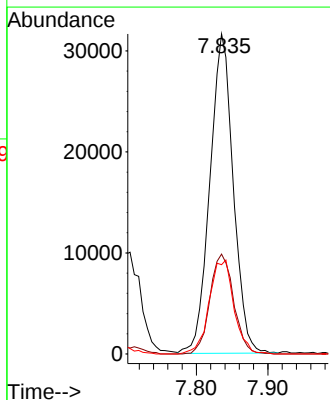
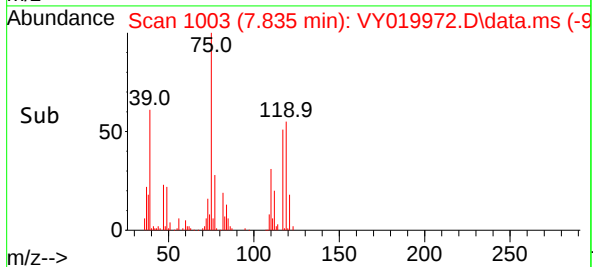
Tgt Ion:113 Resp: 147654
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 16.4 15.9 23.9

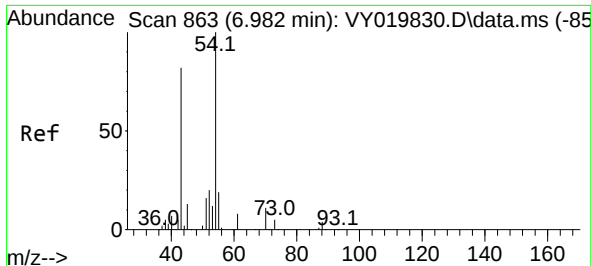


#36
1,1-Dichloropropene
Concen: 18.895 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38



Tgt Ion: 75 Resp: 71708
Ion Ratio Lower Upper
75 100
110 31.7 19.0 57.0
77 31.1 25.3 37.9

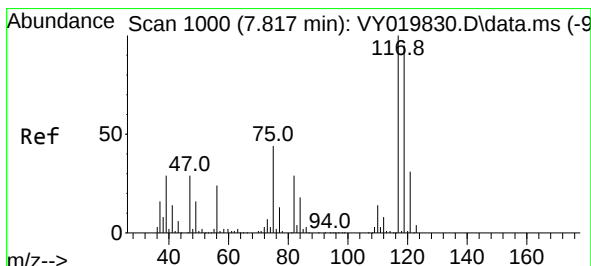
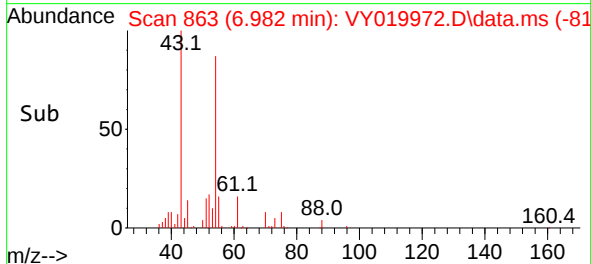
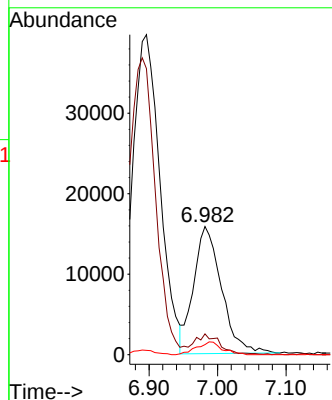
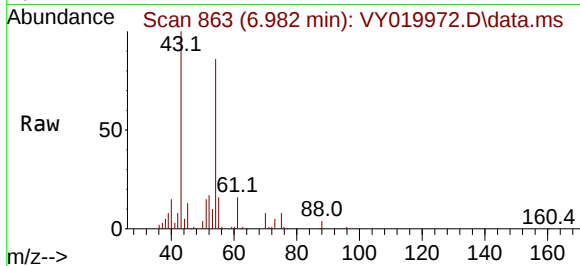




#37
Ethyl Acetate
Concen: 22.535 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

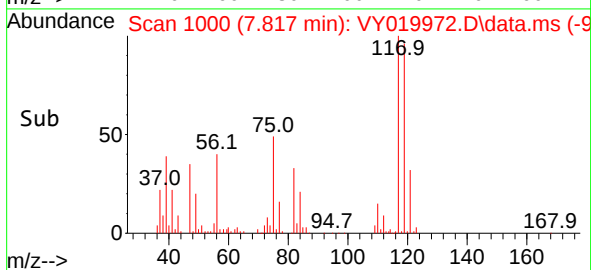
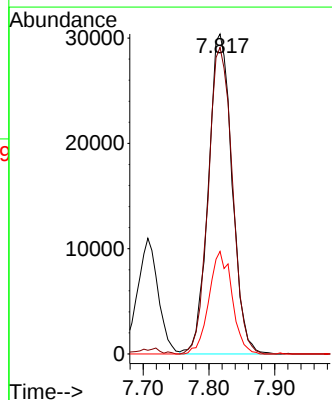
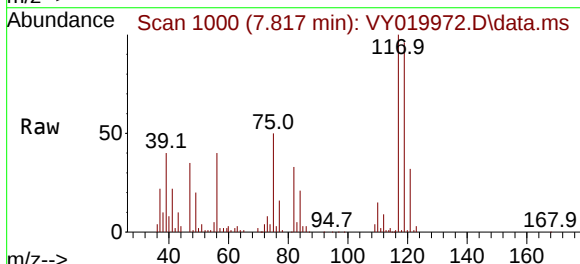
Instrument :
MSVOA_Y
ClientSampleId :

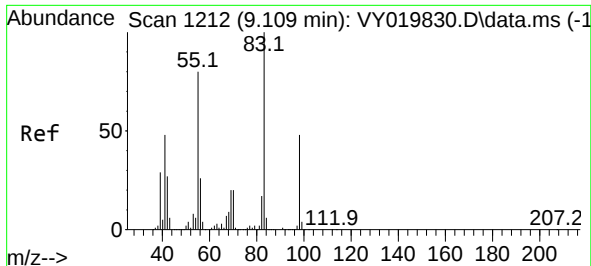
Tgt Ion: 43 Resp: 44595
Ion Ratio Lower Upper
43 100
61 14.4 12.6 19.0
70 9.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.709 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 117 Resp: 76115
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.6
121 32.1 24.0 36.0

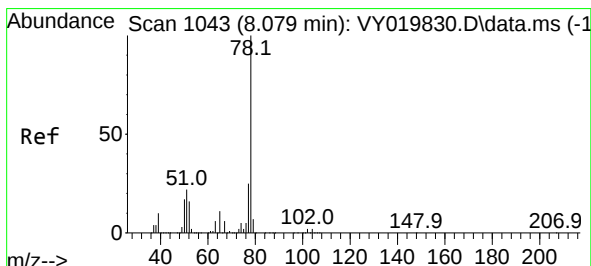
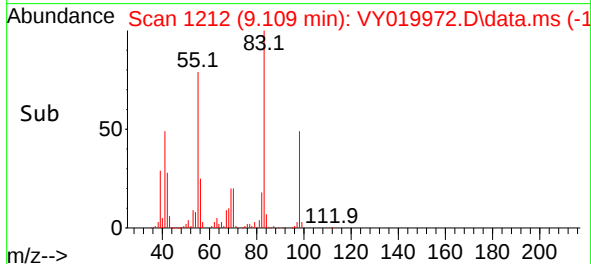
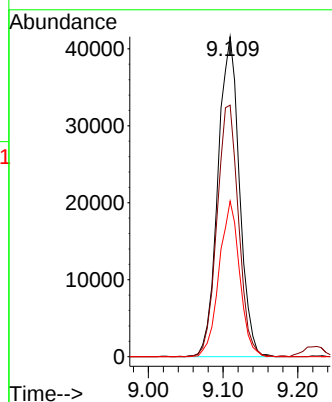
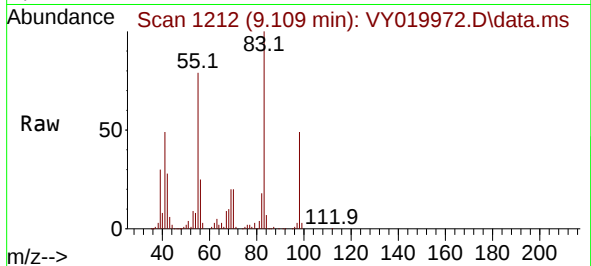




#39
Methylcyclohexane
Concen: 17.363 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

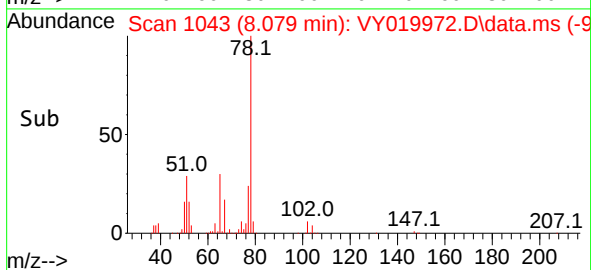
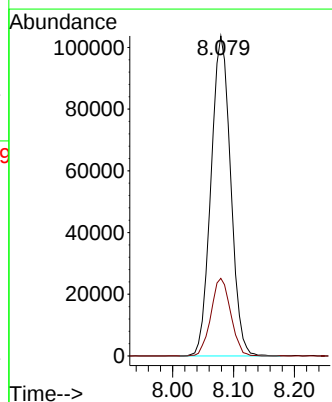
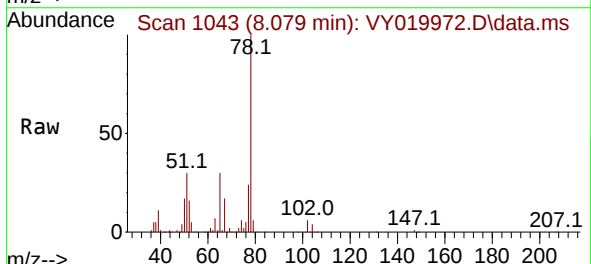
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 83024
Ion Ratio Lower Upper
83 100
55 78.4 51.5 77.3#
98 48.6 40.5 60.7



#40
Benzene
Concen: 20.229 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 78 Resp: 232333
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

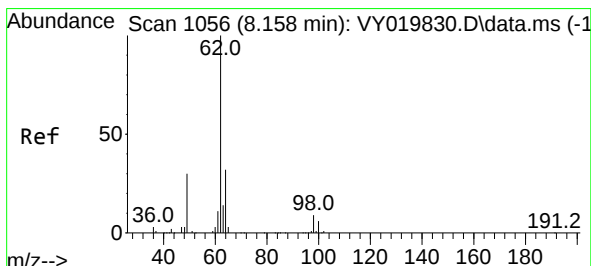
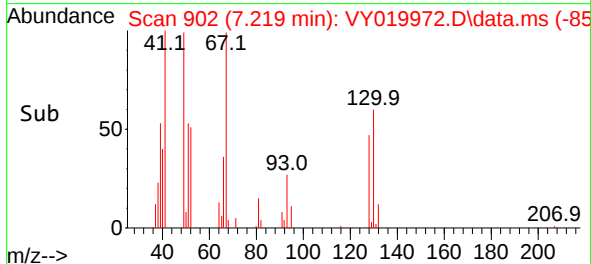
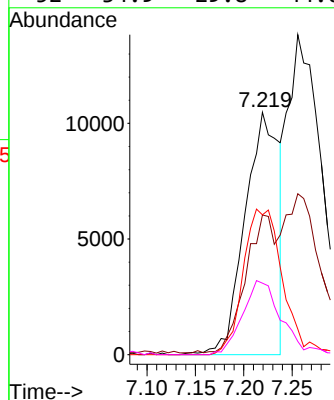
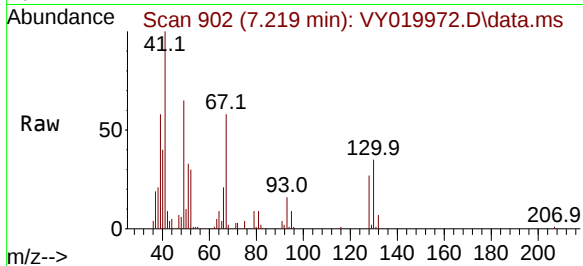




#41
Methacrylonitrile
Concen: 23.883 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

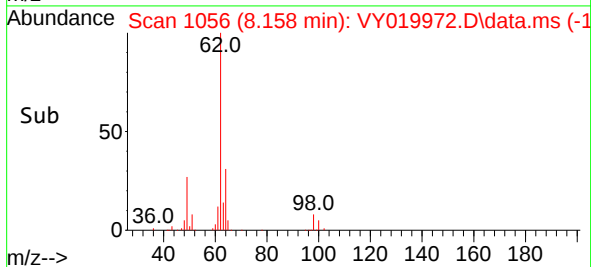
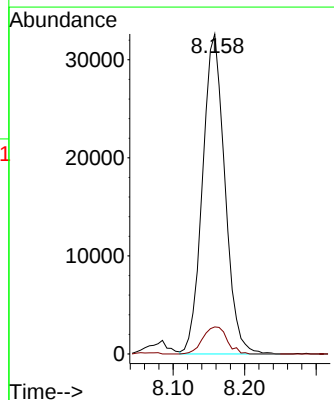
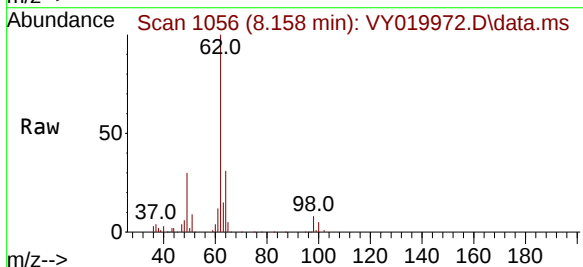
Instrument :
MSVOA_Y
ClientSampleId :

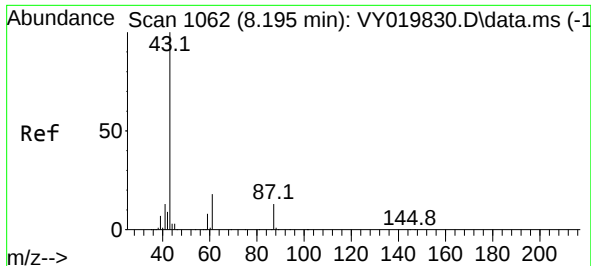
Tgt Ion: 41 Resp: 25579
Ion Ratio Lower Upper
41 100
39 47.8 48.0 72.0#
67 70.6 75.1 112.7#
52 34.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 21.468 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 62 Resp: 70838
Ion Ratio Lower Upper
62 100
98 9.1 0.0 22.0

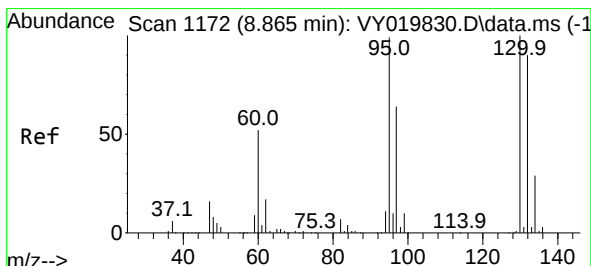
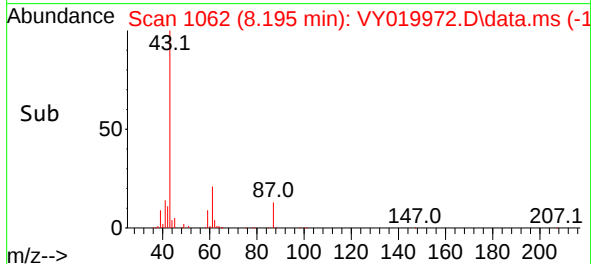
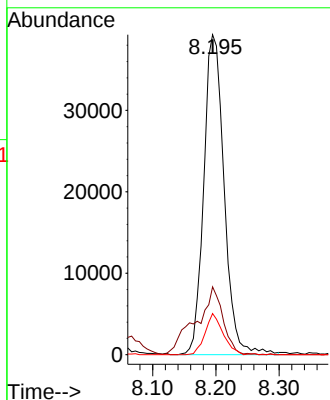
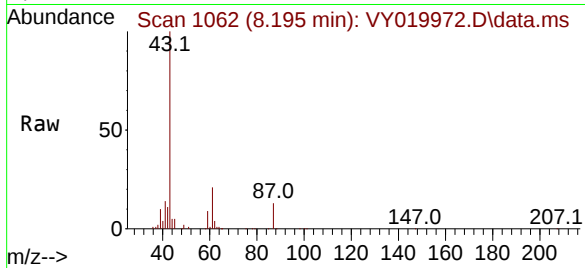




#43
Isopropyl Acetate
Concen: 21.851 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

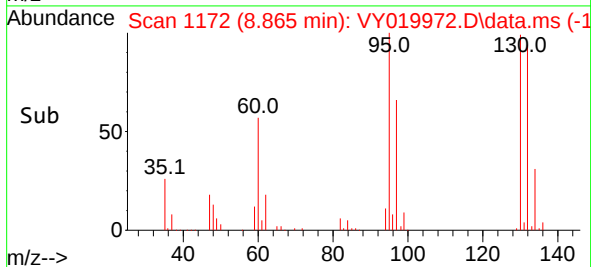
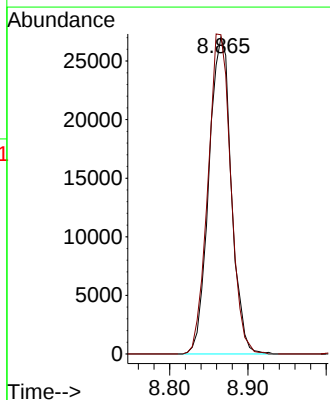
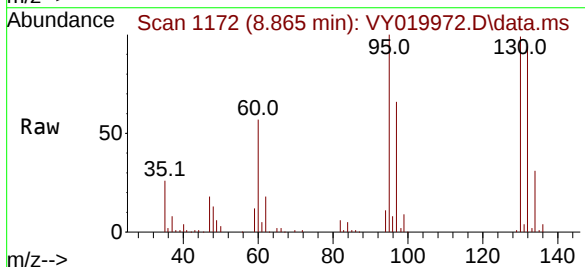
Instrument :
MSVOA_Y
ClientSampleId :

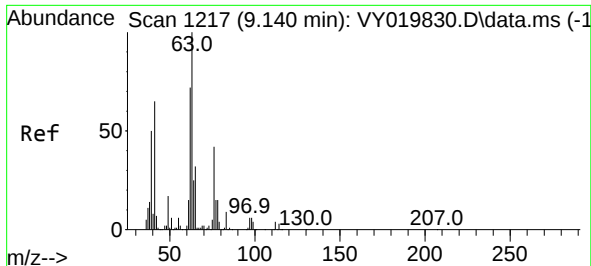
Tgt Ion: 43 Resp: 88186
Ion Ratio Lower Upper
43 100
61 28.1 27.9 41.9
87 11.3 13.1 19.7#



#44
Trichloroethene
Concen: 19.352 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion:130 Resp: 53833
Ion Ratio Lower Upper
130 100
95 100.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.708 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

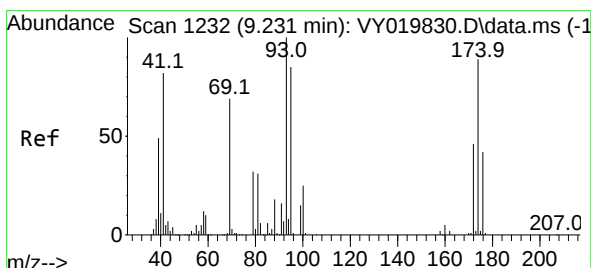
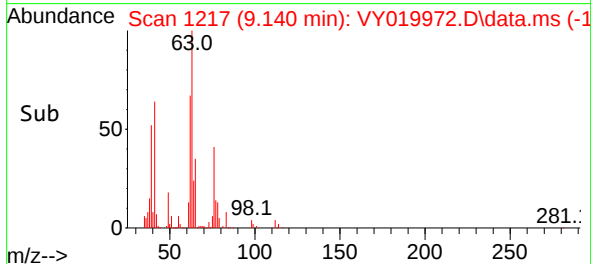
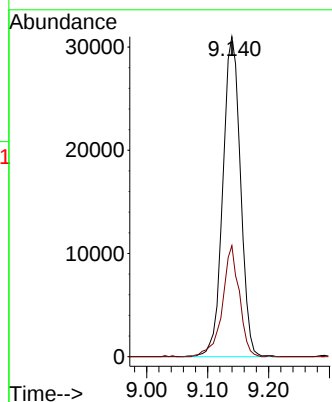
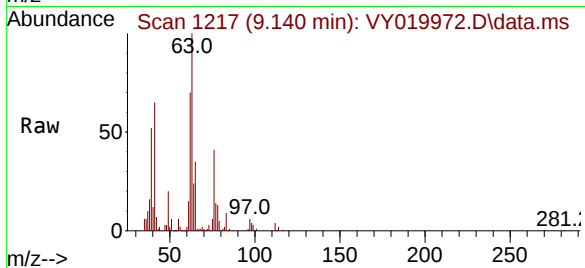
ClientSampleId :

Tgt Ion: 63 Resp: 62406

Ion Ratio Lower Upper

63 100

65 34.7 25.4 38.2



#46

Dibromomethane

Concen: 21.128 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

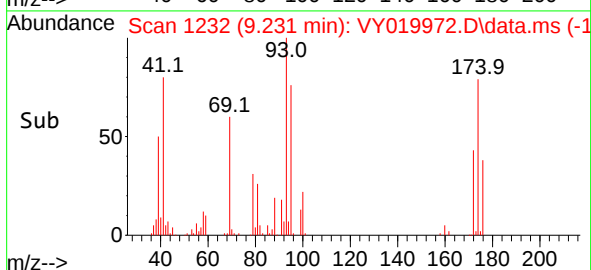
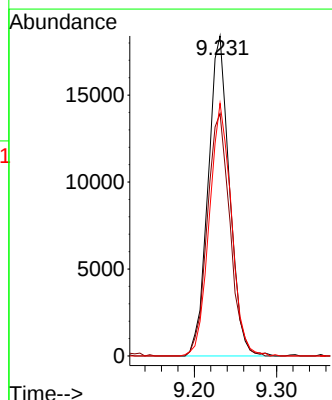
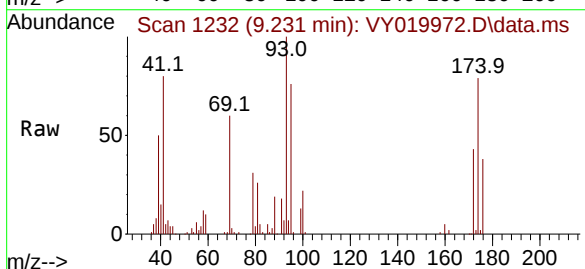
Tgt Ion: 93 Resp: 33185

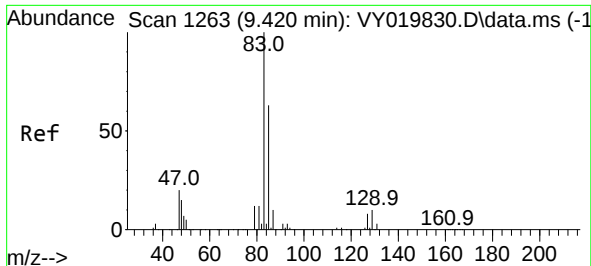
Ion Ratio Lower Upper

93 100

95 80.3 66.2 99.4

174 81.4 80.9 121.3

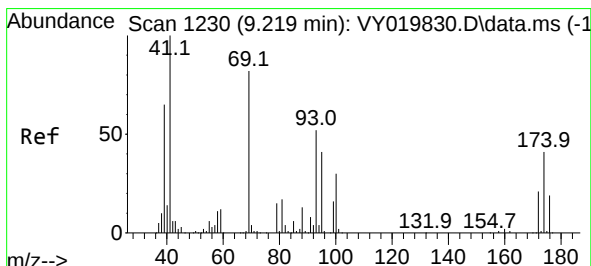
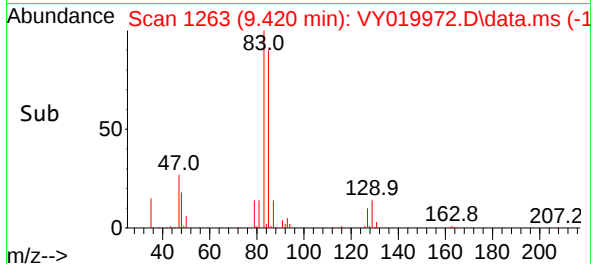
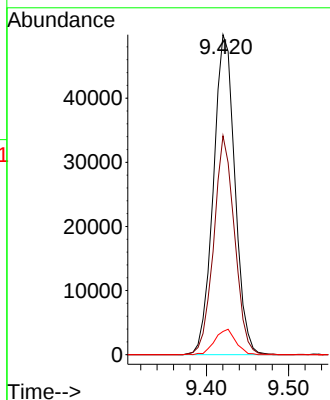
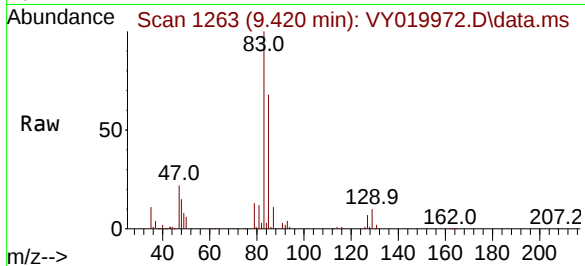




#47
Bromodichloromethane
Concen: 21.768 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

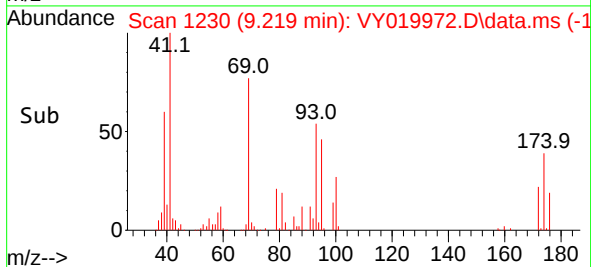
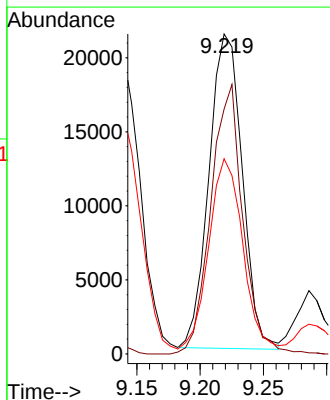
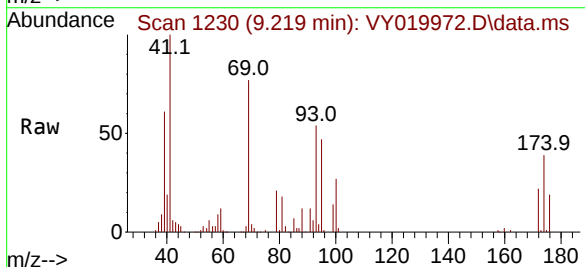
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 90748
Ion Ratio Lower Upper
83 100
85 68.4 50.1 75.1
127 7.2 7.4 11.0#



#48
Methyl methacrylate
Concen: 21.887 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 41 Resp: 38855
Ion Ratio Lower Upper
41 100
69 82.5 84.1 126.1#
39 64.2 43.6 65.4

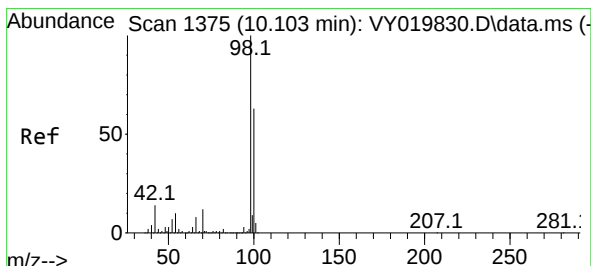
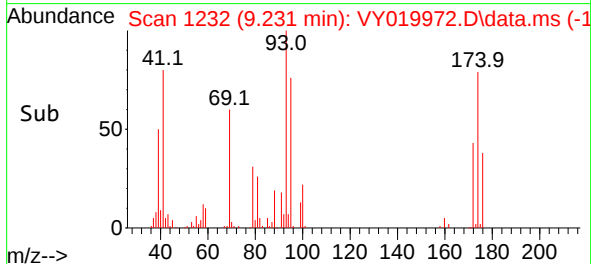
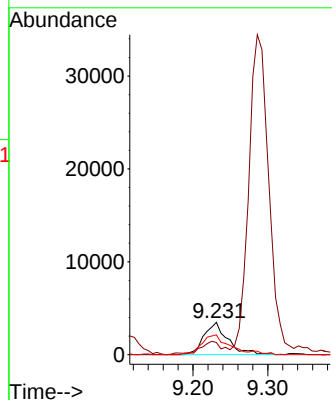
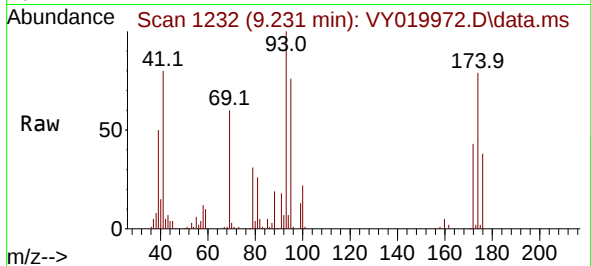




#49
1,4-Dioxane
Concen: 436.089 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

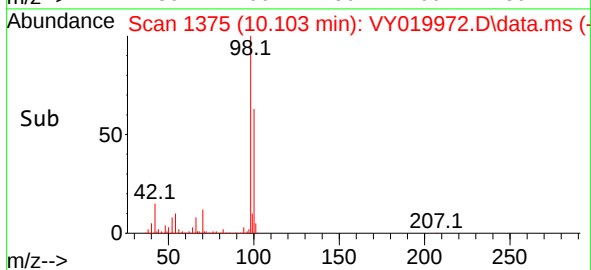
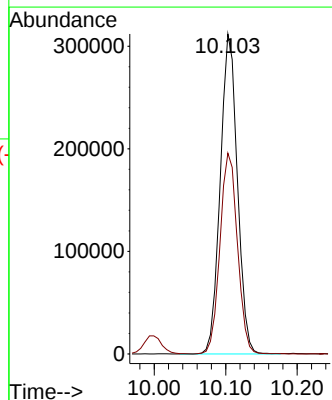
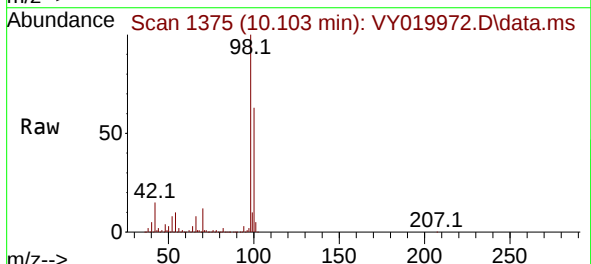
Instrument :
MSVOA_Y
ClientSampleId :

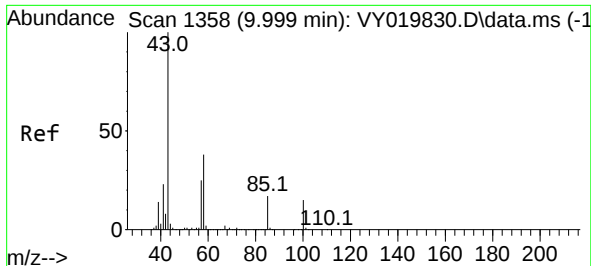
Tgt Ion: 88 Resp: 7666
Ion Ratio Lower Upper
88 100
43 31.0 0.0 0.0#
58 67.9 49.3 73.9



#50
Toluene-d8
Concen: 53.316 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 98 Resp: 518648
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 115.102 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

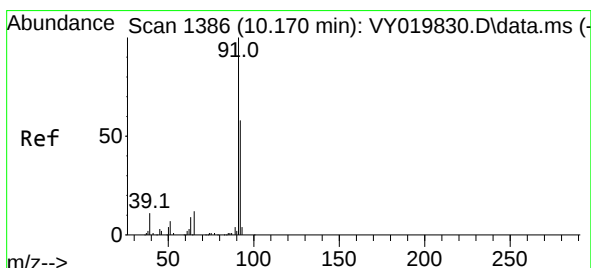
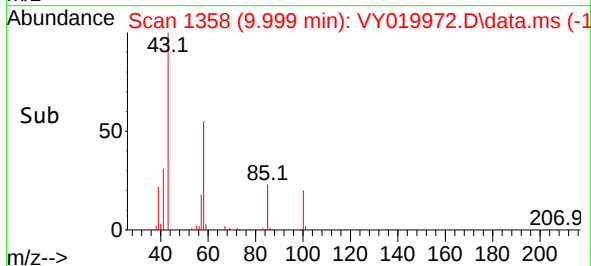
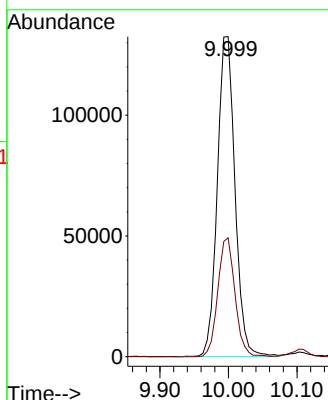
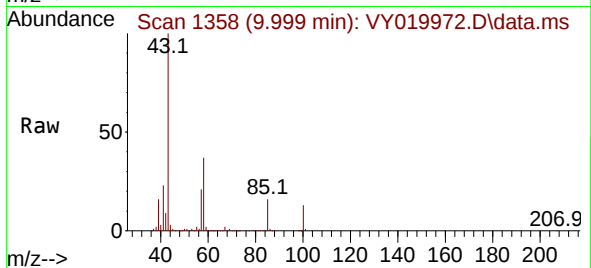
ClientSampleId :

Tgt Ion: 43 Resp: 236937

Ion Ratio Lower Upper

43 100

58 36.0 35.7 53.5



#52

Toluene

Concen: 20.607 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019972.D

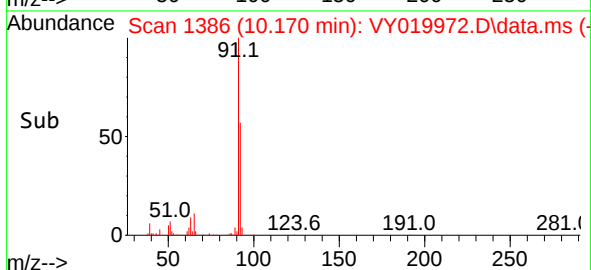
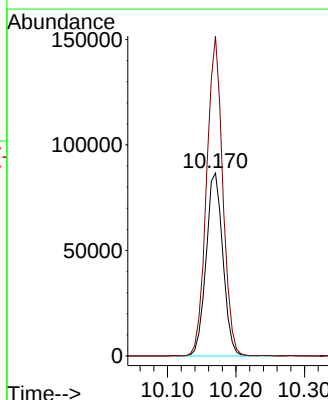
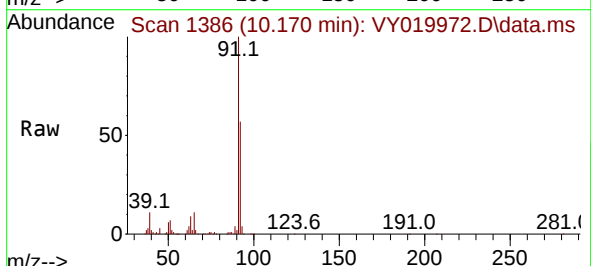
Acq: 22 Oct 2024 11:38

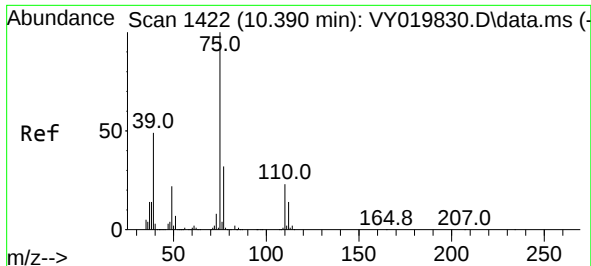
Tgt Ion: 92 Resp: 147740

Ion Ratio Lower Upper

92 100

91 168.4 139.0 208.6

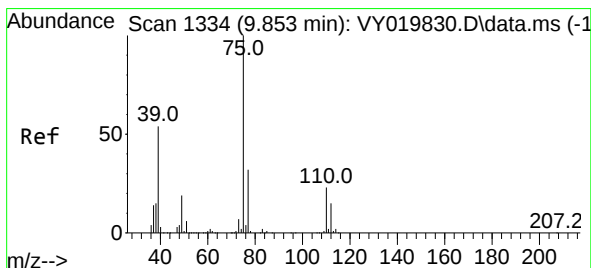
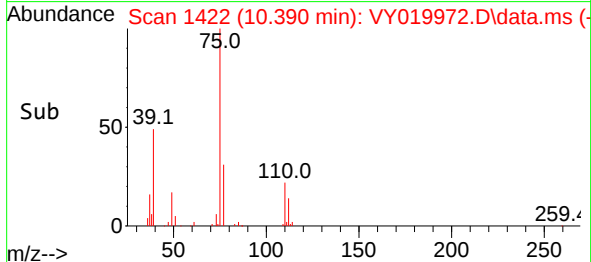
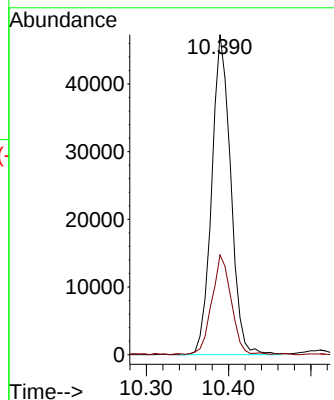
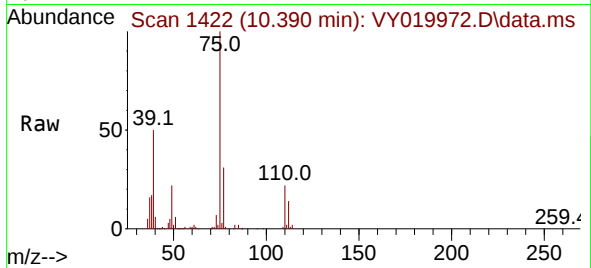




#53
 t-1,3-Dichloropropene
 Concen: 20.209 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY019972.D
 Acq: 22 Oct 2024 11:38

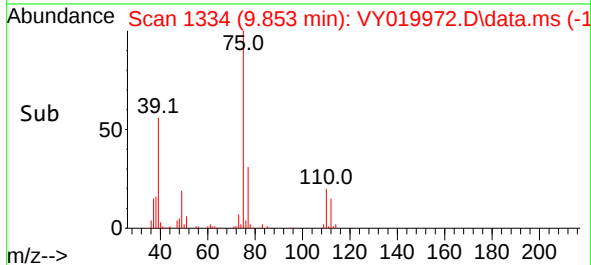
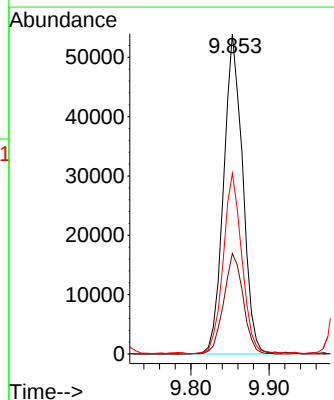
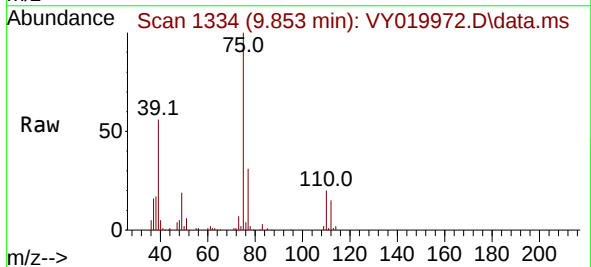
Instrument :
 MSVOA_Y
 ClientSampleId :

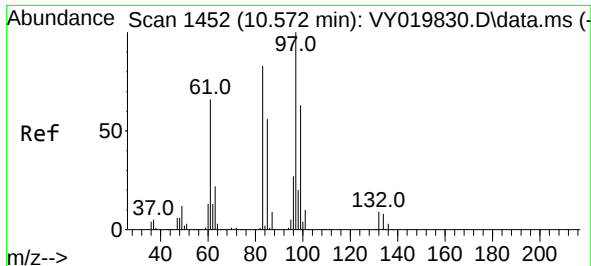
Tgt Ion: 75 Resp: 75805
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.541 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY019972.D
 Acq: 22 Oct 2024 11:38

Tgt Ion: 75 Resp: 90917
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 56.0 29.8 44.6#

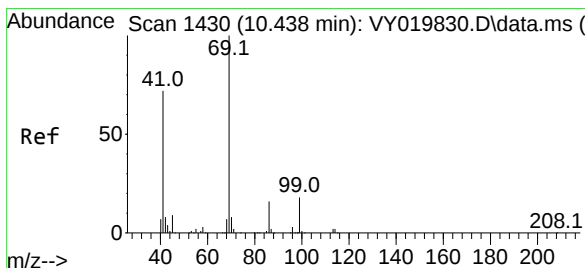
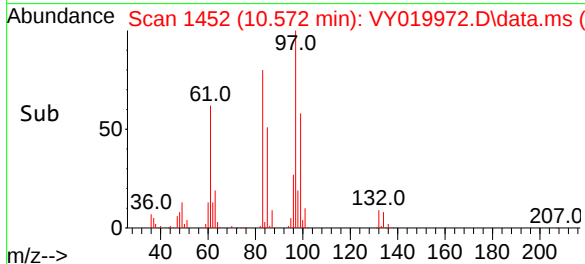
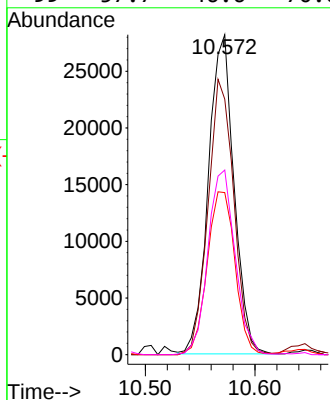
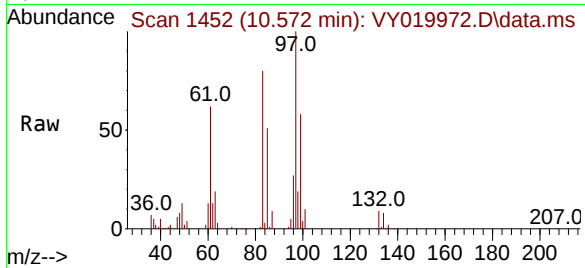




#55
1,1,2-Trichloroethane
Concen: 22.091 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

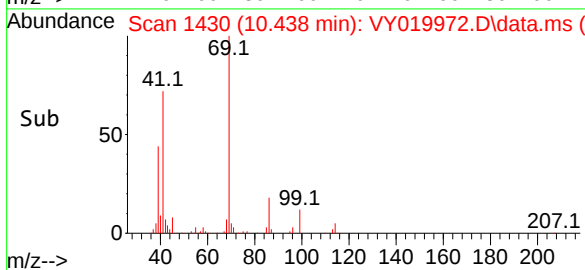
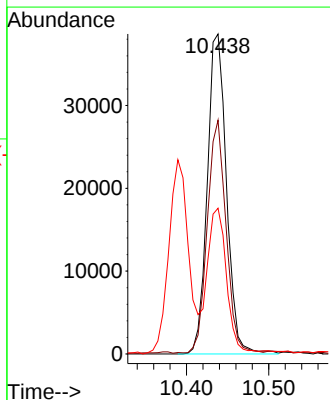
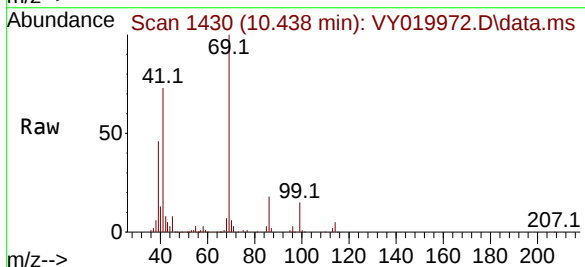
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97	Resp: 45713
Ion Ratio	Lower Upper
97 100	
83 80.1	67.5 101.3
85 50.8	42.9 64.3
99 57.7	46.6 70.0



#56
Ethyl methacrylate
Concen: 21.102 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 69	Resp: 62657
Ion Ratio	Lower Upper
69 100	
41 70.8	42.3 63.5#
39 44.4	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.967 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

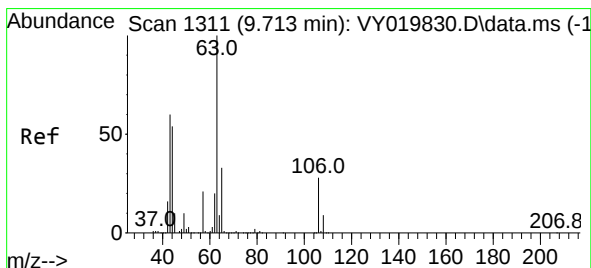
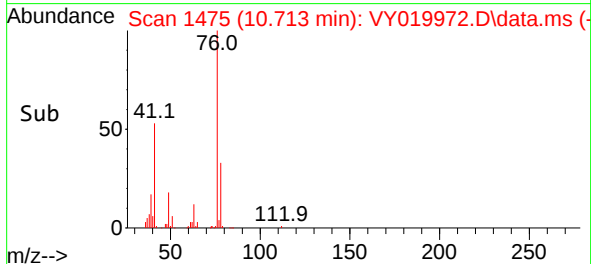
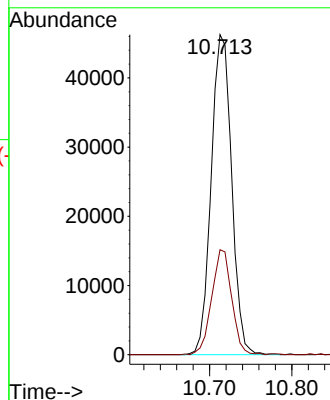
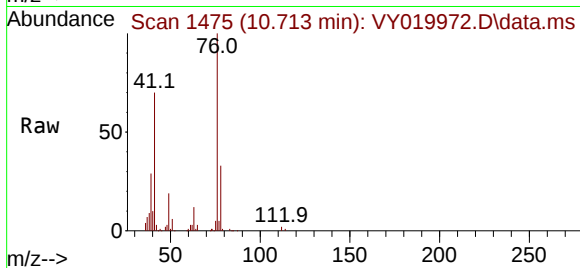
ClientSampleId :

Tgt Ion: 76 Resp: 79830

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 101.789 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019972.D

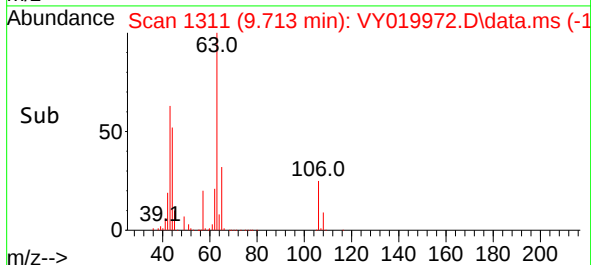
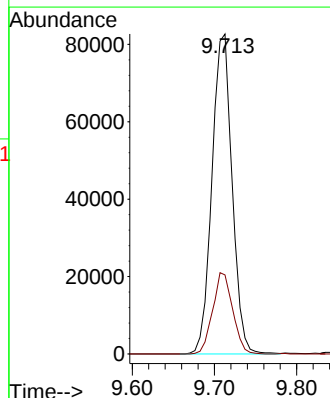
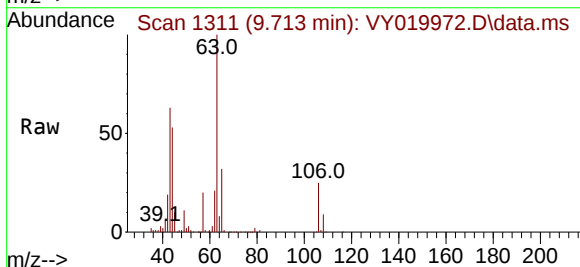
Acq: 22 Oct 2024 11:38

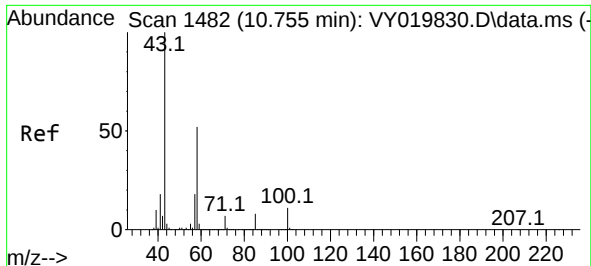
Tgt Ion: 63 Resp: 140702

Ion Ratio Lower Upper

63 100

106 25.2 23.7 35.5

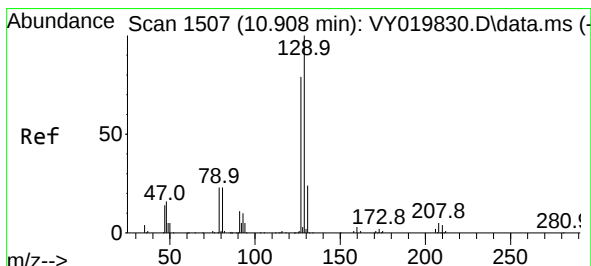
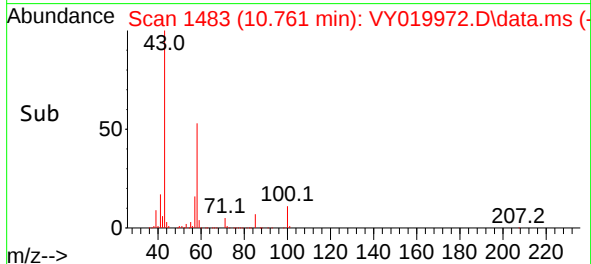
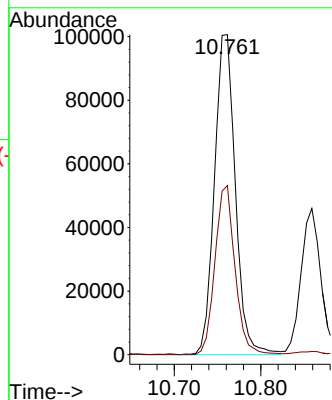
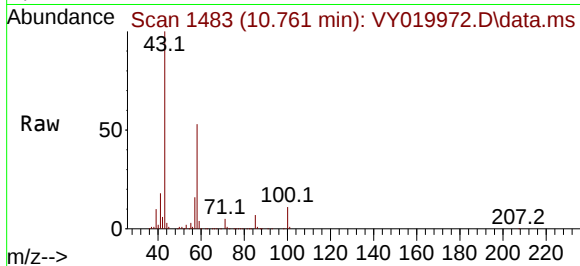




#59
2-Hexanone
Concen: 114.795 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

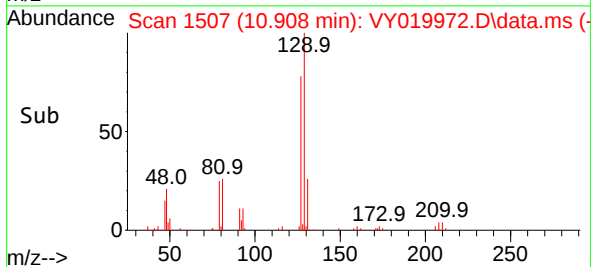
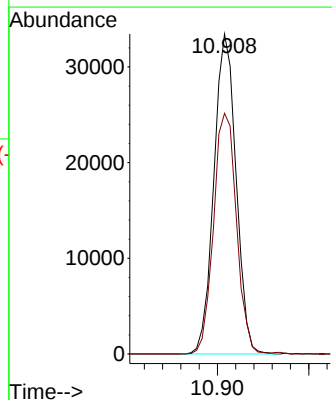
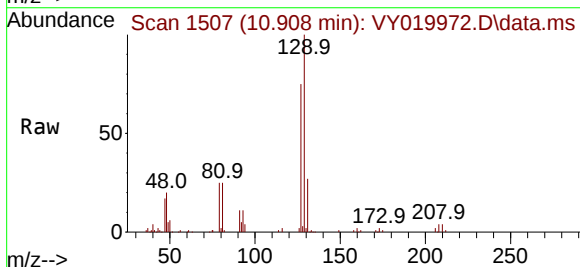
Instrument :
MSVOA_Y
ClientSampleId :

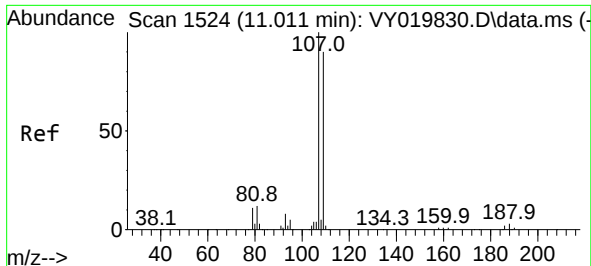
Tgt Ion: 43 Resp: 168776
Ion Ratio Lower Upper
43 100
58 50.8 31.4 94.0



#60
Dibromochloromethane
Concen: 21.177 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 129 Resp: 56246
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

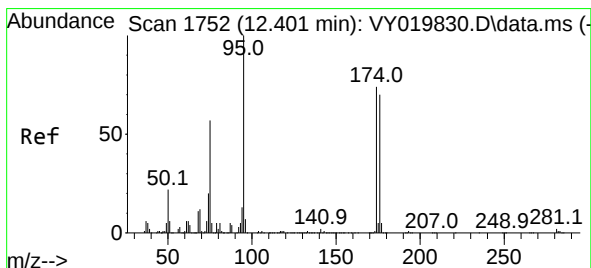
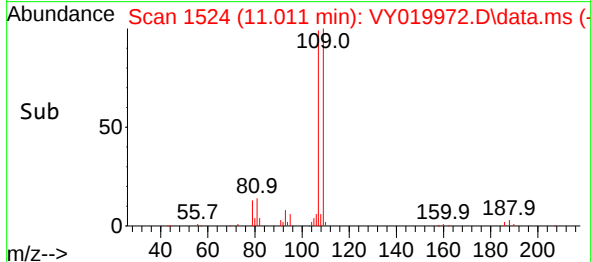
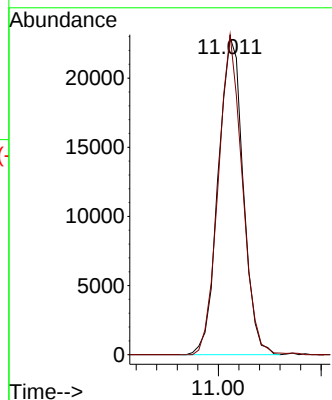
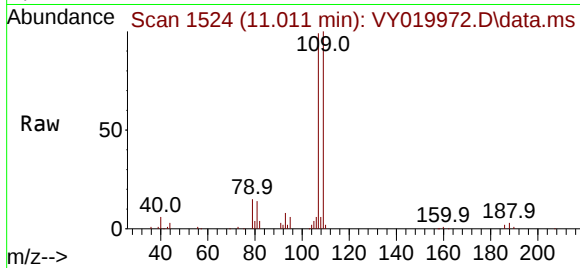




#61
1,2-Dibromoethane
Concen: 20.588 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

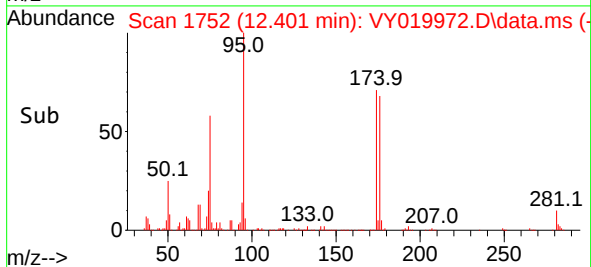
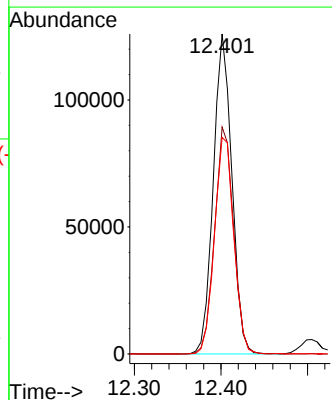
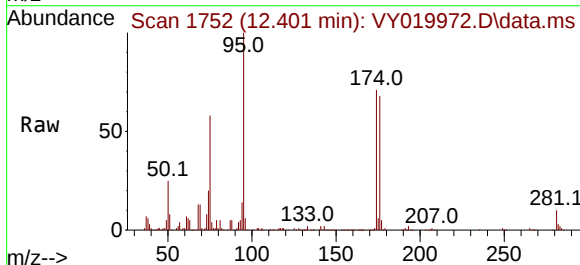
Instrument :
MSVOA_Y
ClientSampleId :

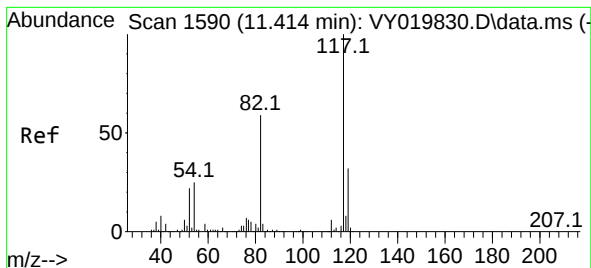
Tgt Ion:107 Resp: 38498
Ion Ratio Lower Upper
107 100
109 97.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 53.333 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 95 Resp: 187461
Ion Ratio Lower Upper
95 100
174 72.5 0.0 175.6
176 70.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

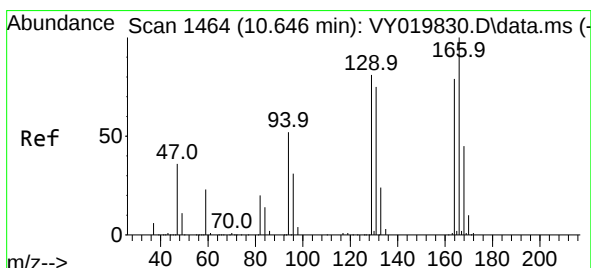
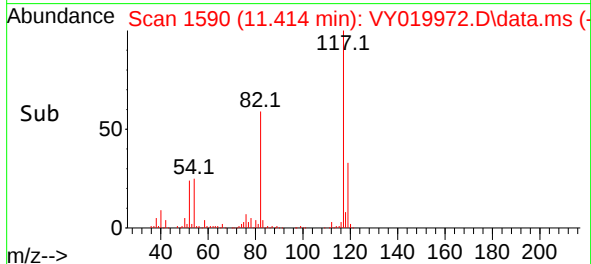
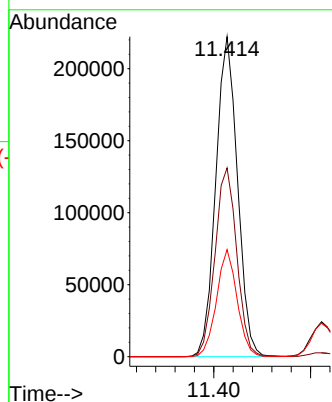
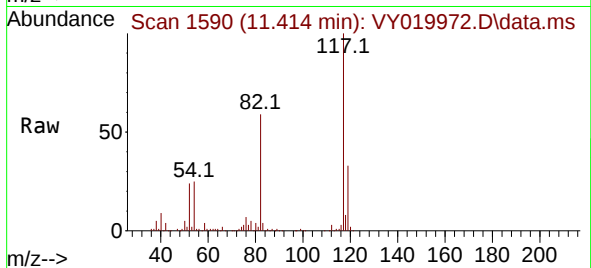
Tgt Ion:117 Resp: 345246

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 33.5 25.9 38.9



#64

Tetrachloroethene

Concen: 18.254 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Tgt Ion:164 Resp: 44825

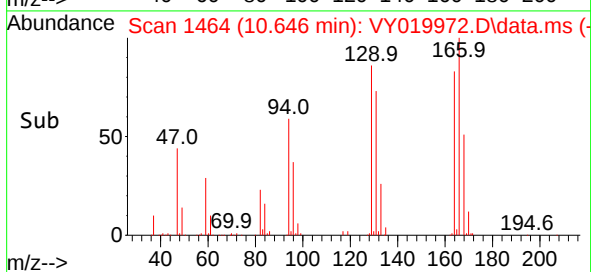
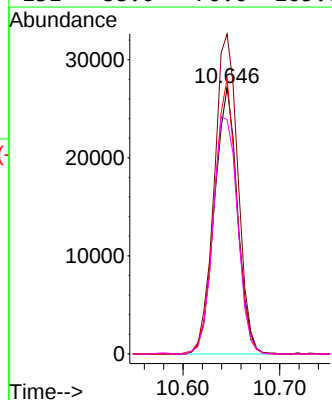
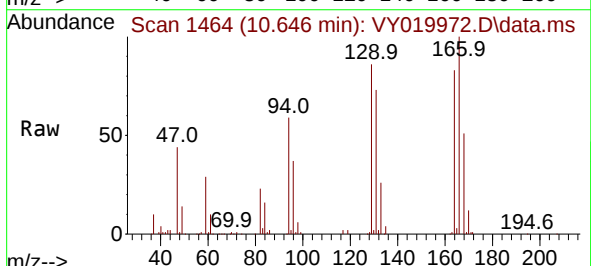
Ion Ratio Lower Upper

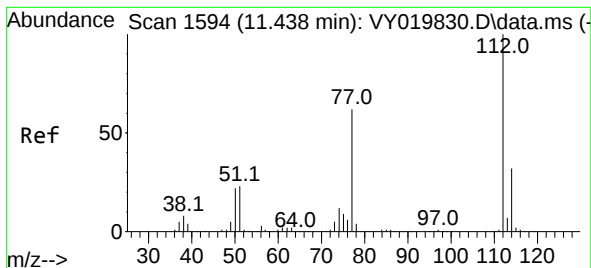
164 100

166 120.1 102.6 154.0

129 103.3 72.0 108.0

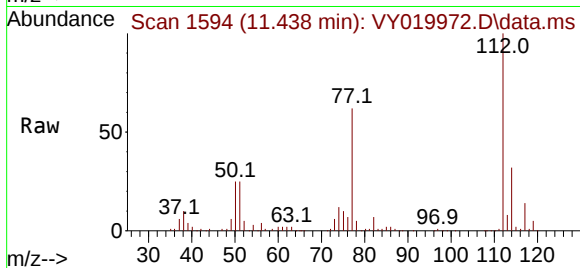
131 88.0 70.0 105.0



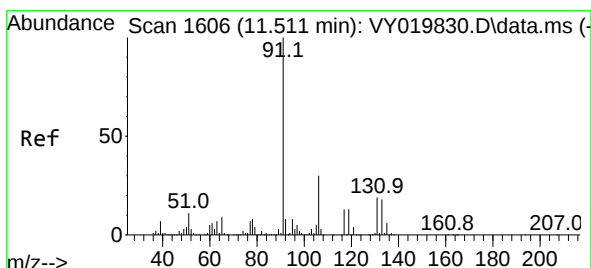
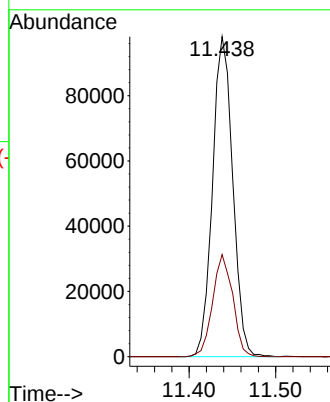
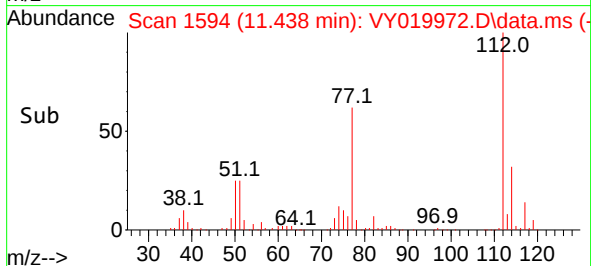


#65
Chlorobenzene
Concen: 20.157 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :

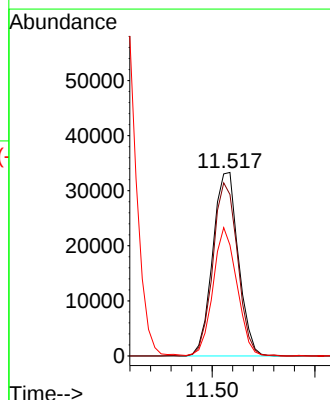
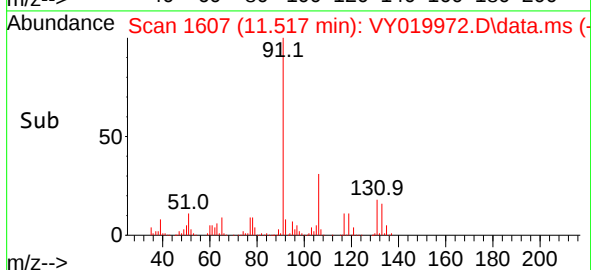
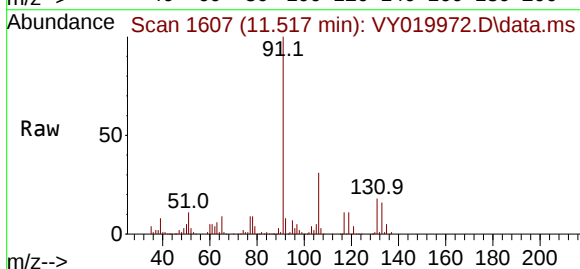


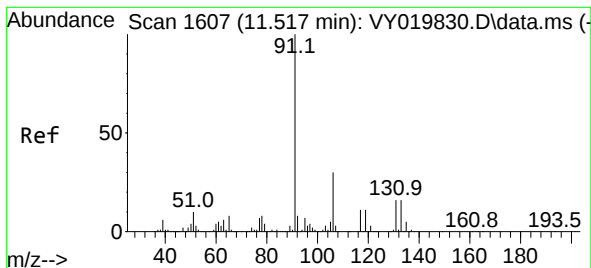
Tgt Ion:112 Resp: 159172
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.605 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion:131 Resp: 57723
Ion Ratio Lower Upper
131 100
133 90.8 47.8 143.3
119 65.2 34.1 102.2





#67

Ethyl Benzene

Concen: 19.968 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

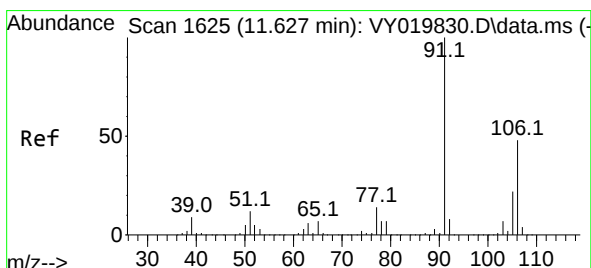
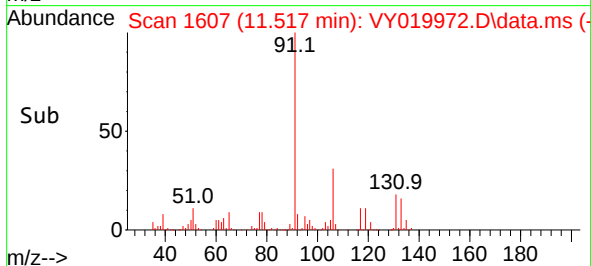
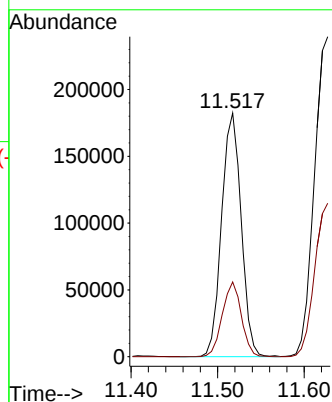
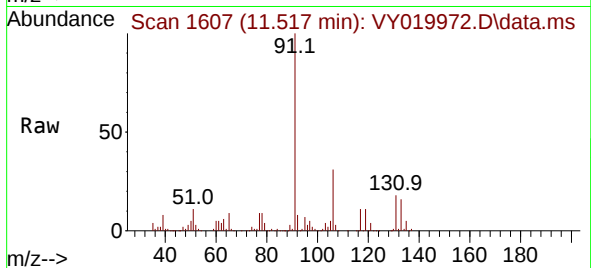
ClientSampleId :

Tgt Ion: 91 Resp: 286431

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 38.933 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019972.D

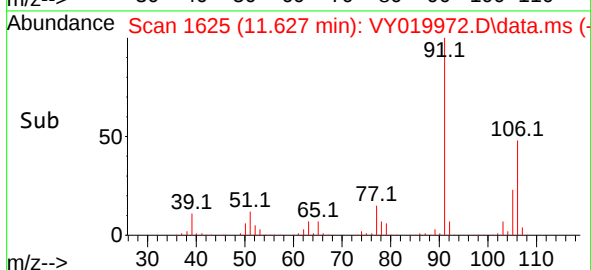
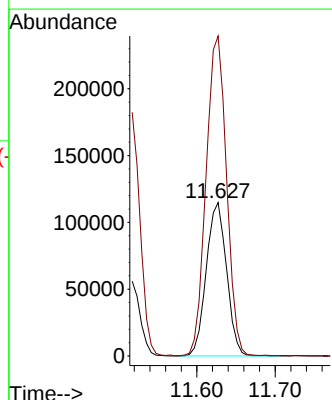
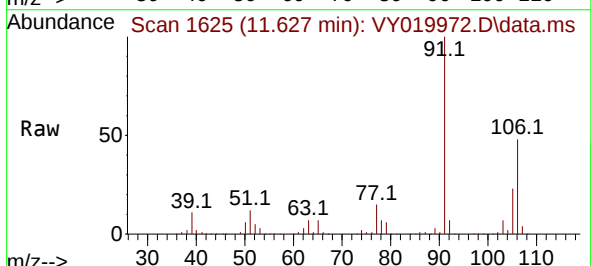
Acq: 22 Oct 2024 11:38

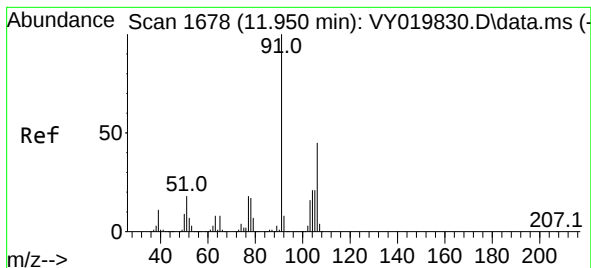
Tgt Ion:106 Resp: 206259

Ion Ratio Lower Upper

106 100

91 210.4 156.0 234.0





#69

o-Xylene

Concen: 19.713 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

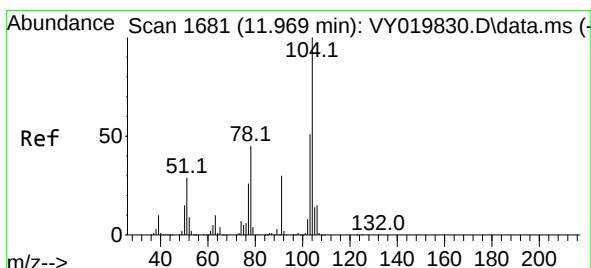
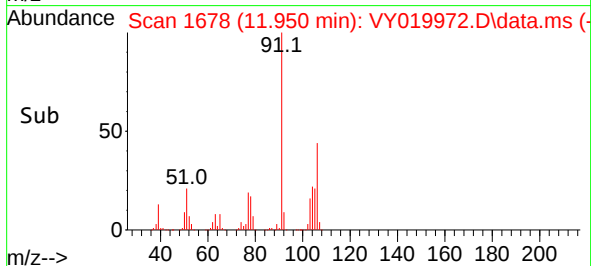
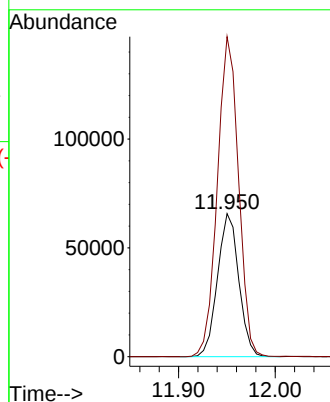
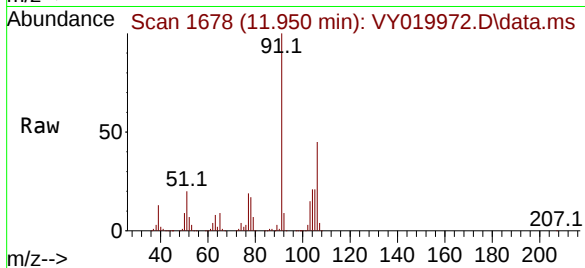
ClientSampleId :

Tgt Ion:106 Resp: 100341

Ion Ratio Lower Upper

106 100

91 222.8 103.6 310.8



#70

Styrene

Concen: 20.426 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

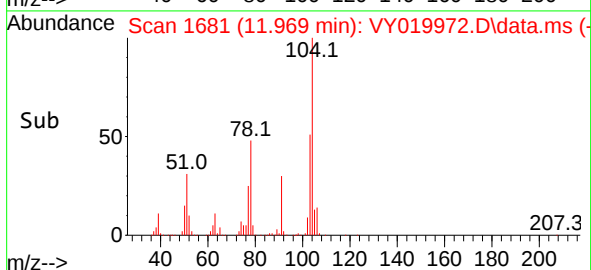
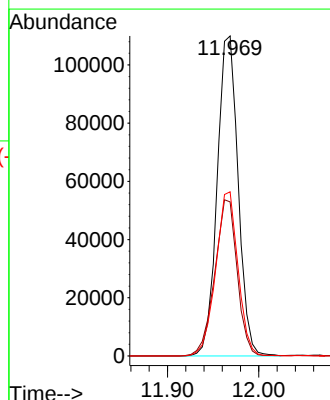
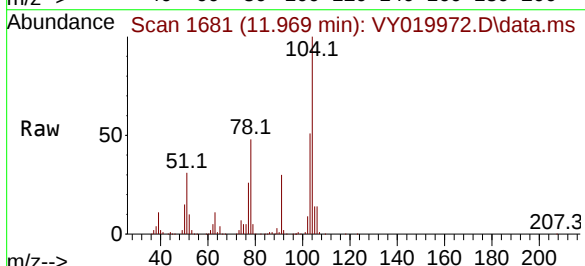
Tgt Ion:104 Resp: 175410

Ion Ratio Lower Upper

104 100

78 52.4 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 20.187 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

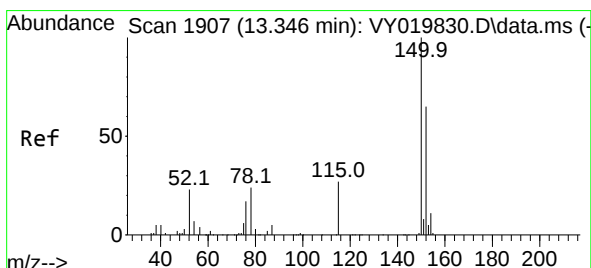
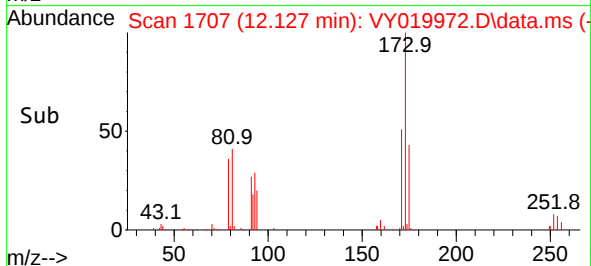
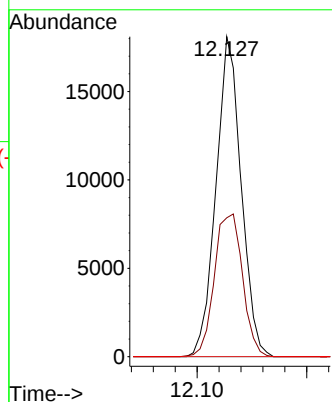
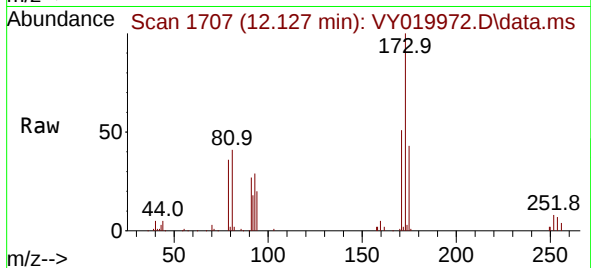
Tgt Ion:173 Resp: 28873

Ion Ratio Lower Upper

173 100

175 49.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

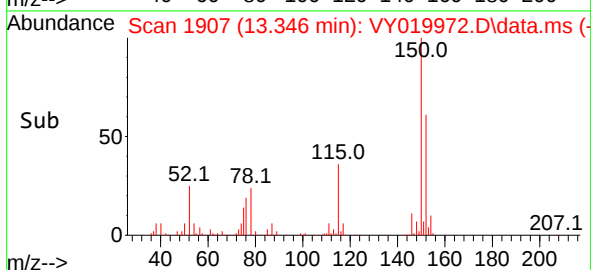
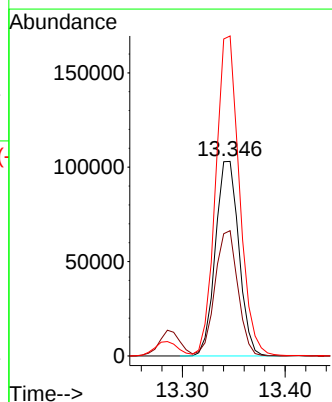
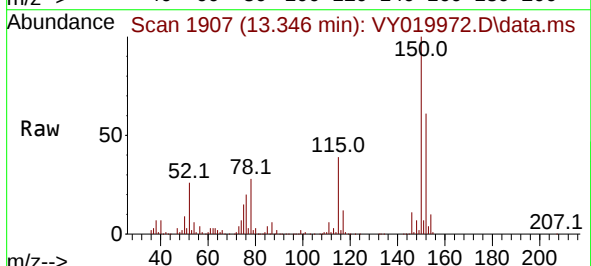
Tgt Ion:152 Resp: 163027

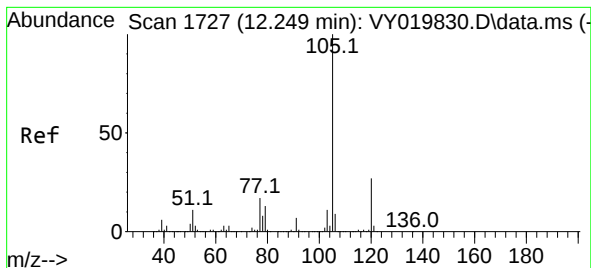
Ion Ratio Lower Upper

152 100

115 63.1 28.2 84.7

150 166.4 0.0 345.6





#73

Isopropylbenzene

Concen: 20.190 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

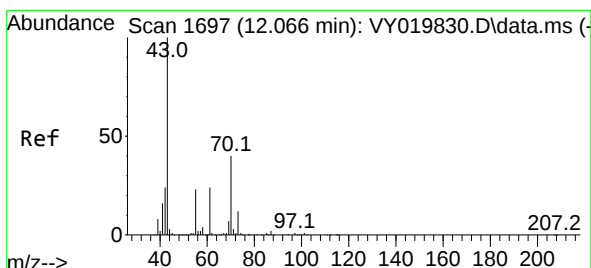
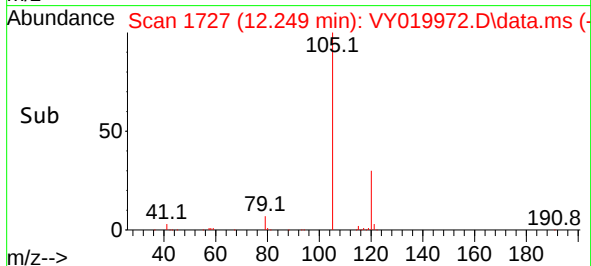
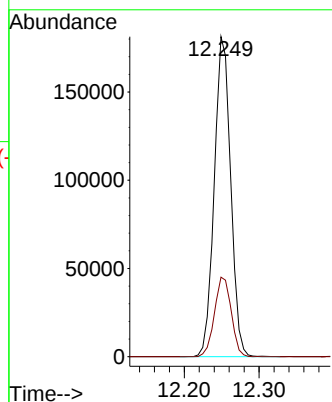
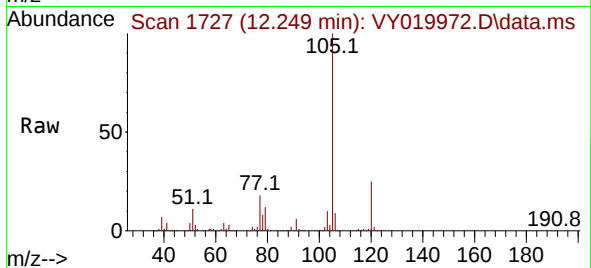
ClientSampleId :

Tgt Ion:105 Resp: 276863

Ion Ratio Lower Upper

105 100

120 25.4 13.4 40.1



#74

N-ethyl acetate

Concen: 21.407 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Tgt Ion: 43 Resp: 77748

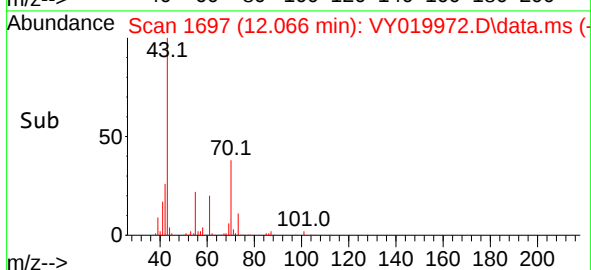
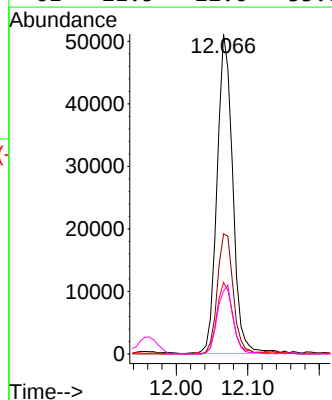
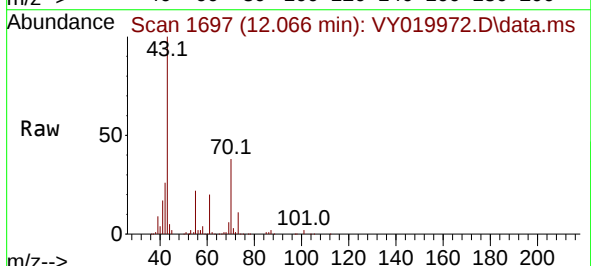
Ion Ratio Lower Upper

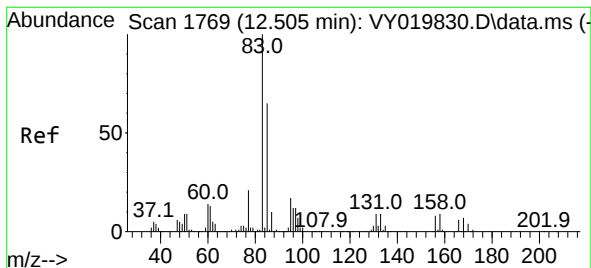
43 100

70 38.4 41.4 62.2#

55 23.5 23.3 34.9

61 21.5 22.6 33.8#

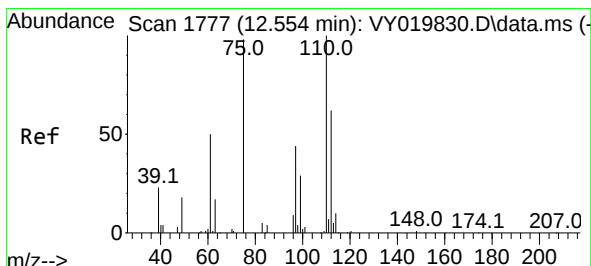
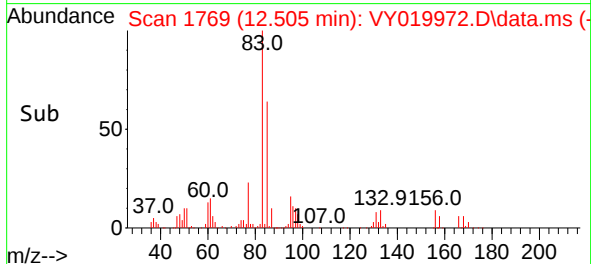
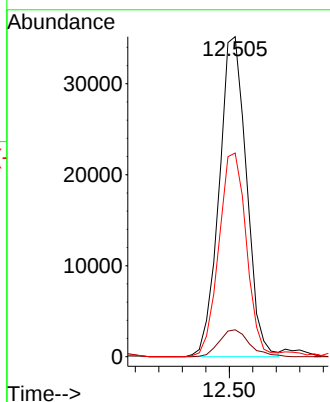
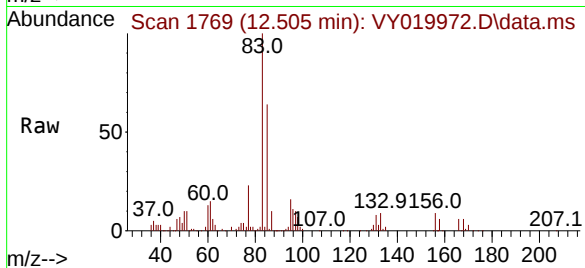




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.337 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY019972.D
 Acq: 22 Oct 2024 11:38

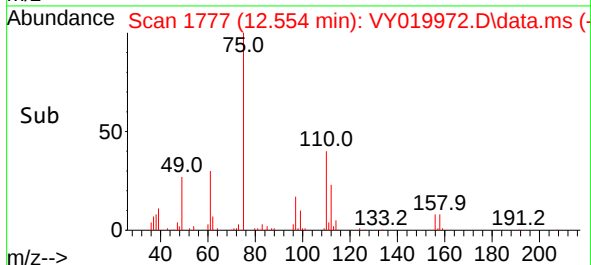
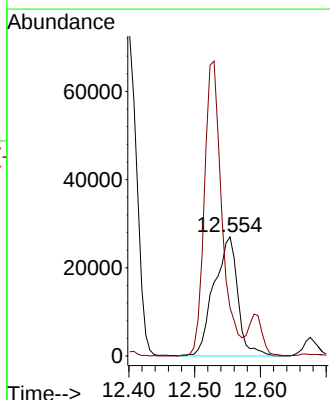
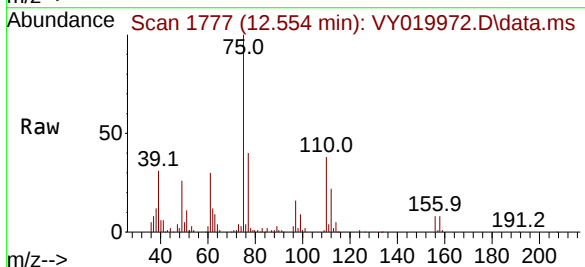
Instrument :
 MSVOA_Y
 ClientSampleId :

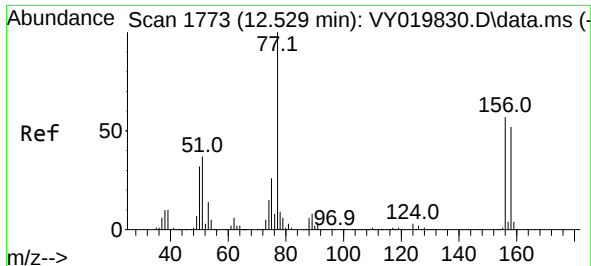
Tgt Ion: 83 Resp: 56863
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.0 14.9
 85 64.2 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 21.311 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY019972.D
 Acq: 22 Oct 2024 11:38

Tgt Ion: 75 Resp: 68062
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

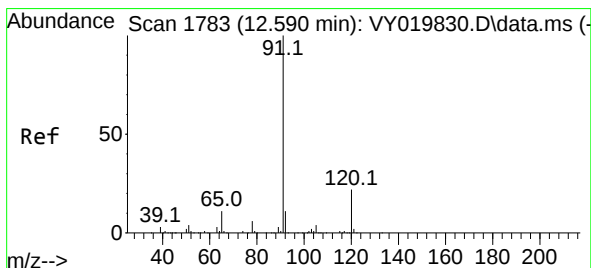
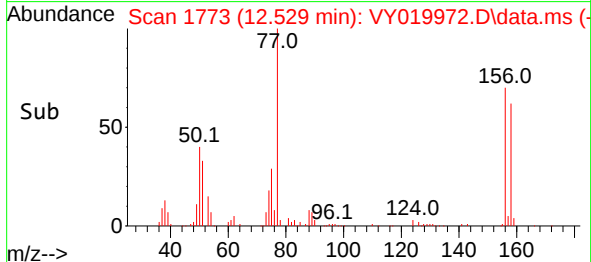
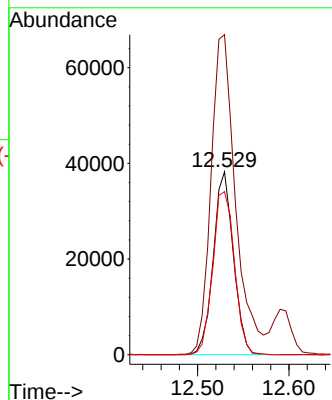
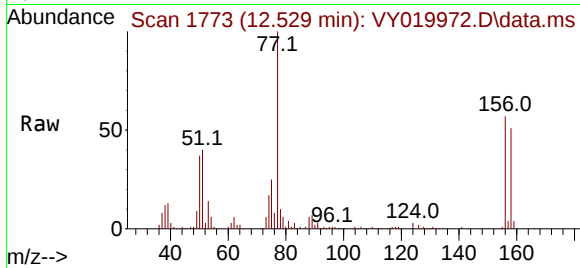




#77
Bromobenzene
Concen: 20.060 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

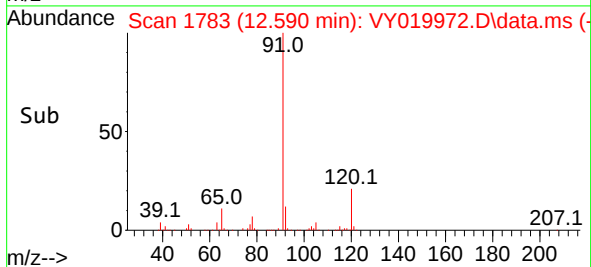
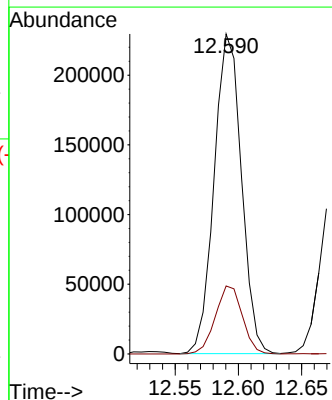
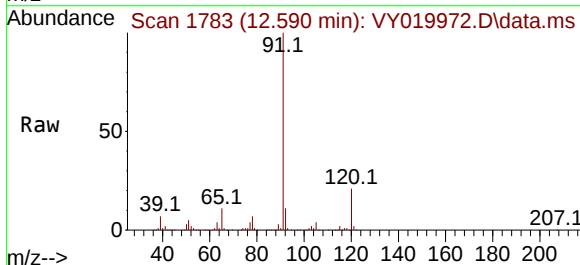
Instrument :
MSVOA_Y
ClientSampleId :

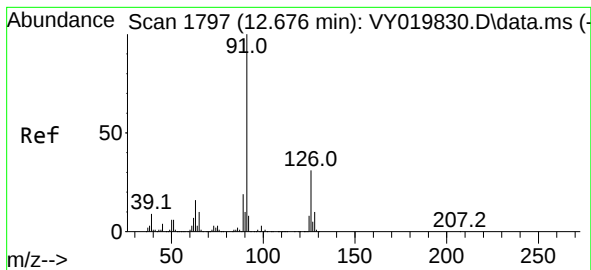
Tgt Ion:156 Resp: 58372
Ion Ratio Lower Upper
156 100
77 213.2 87.1 261.3
158 96.3 48.6 145.9



#78
n-propylbenzene
Concen: 20.722 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 91 Resp: 343357
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.648 ug/l

RT: 12.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

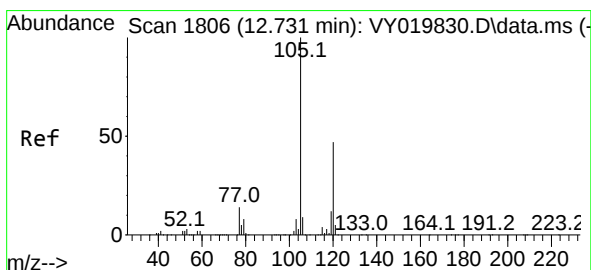
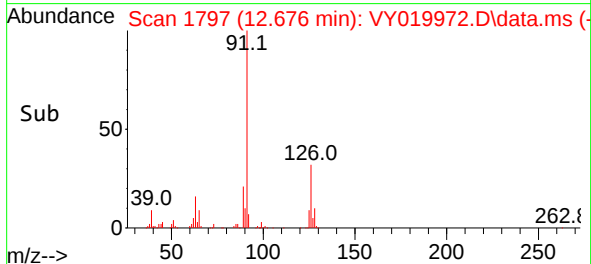
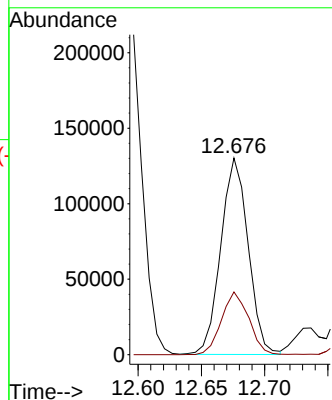
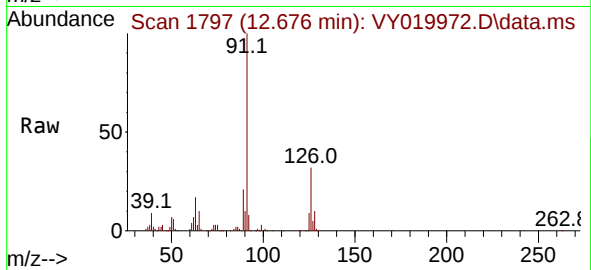
ClientSampleId :

Tgt Ion: 91 Resp: 196135

Ion Ratio Lower Upper

91 100

126 31.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.104 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY019972.D

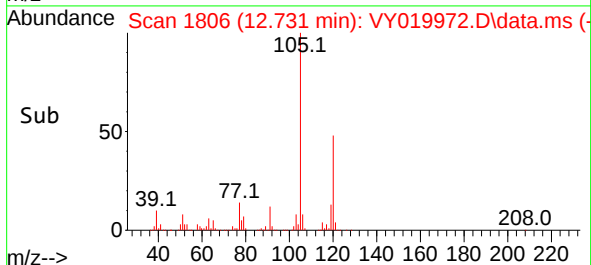
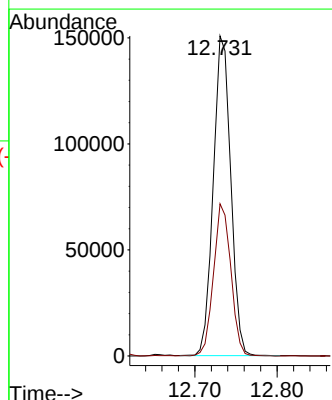
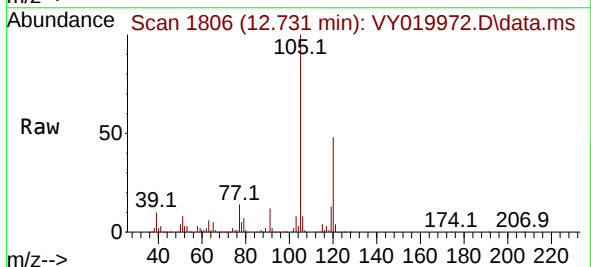
Acq: 22 Oct 2024 11:38

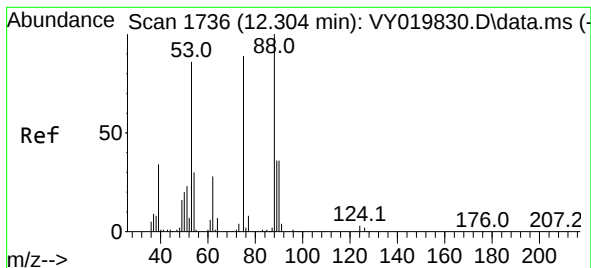
Tgt Ion: 105 Resp: 222638

Ion Ratio Lower Upper

105 100

120 47.2 25.1 75.2

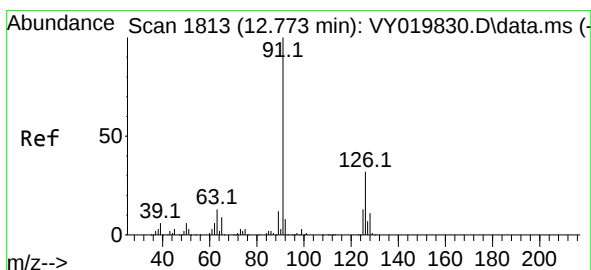
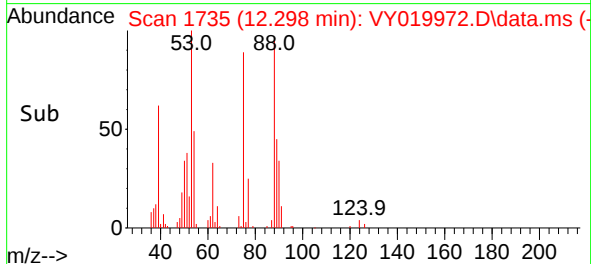
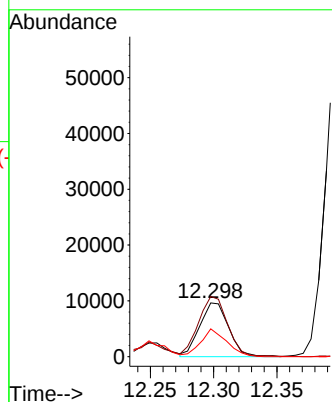
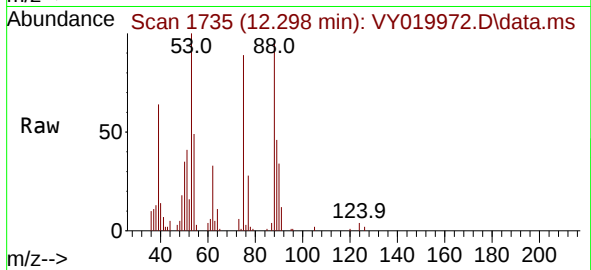




#81
trans-1,4-Dichloro-2-butene
Concen: 19.381 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

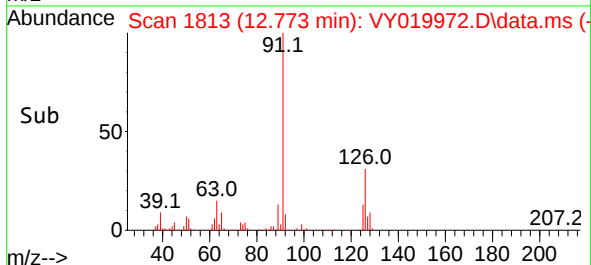
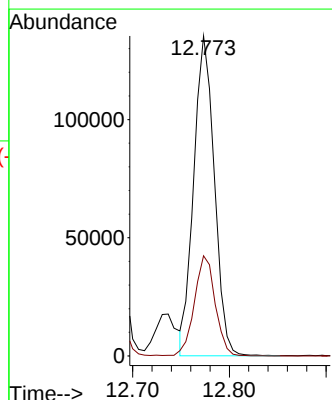
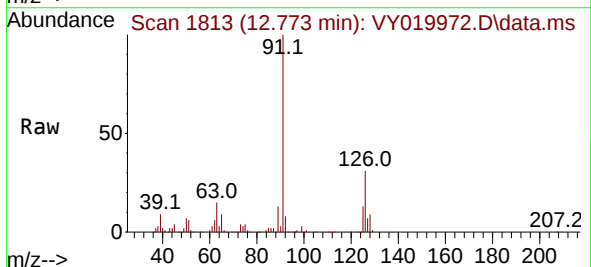
Instrument :
MSVOA_Y
ClientSampleId :

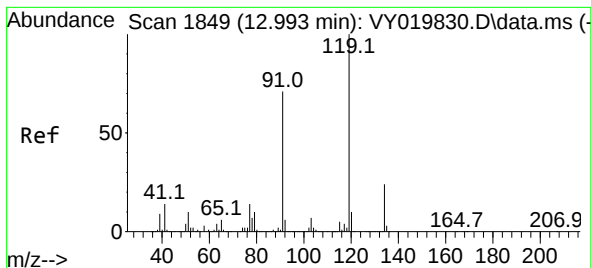
Tgt Ion: 75 Resp: 15335
Ion Ratio Lower Upper
75 100
53 113.1 66.8 100.2#
89 46.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.623 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019972.D
Acq: 22 Oct 2024 11:38

Tgt Ion: 91 Resp: 200305
Ion Ratio Lower Upper
91 100
126 31.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.535 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

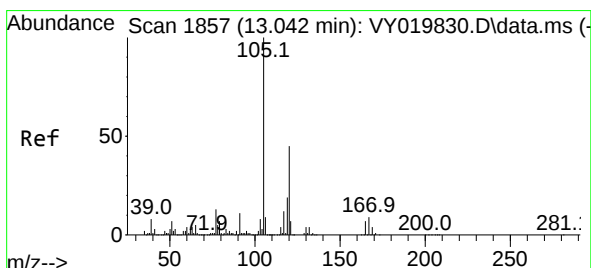
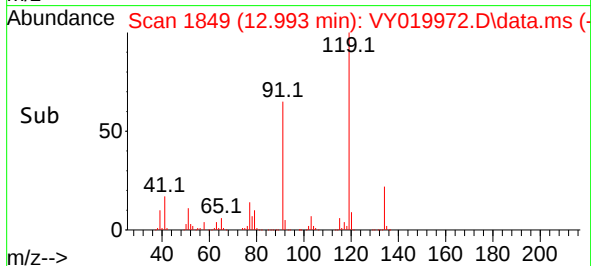
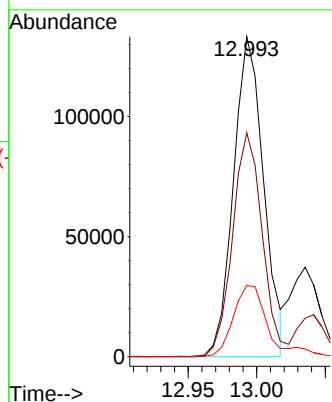
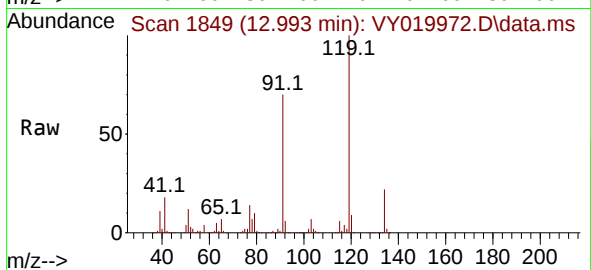
Tgt Ion:119 Resp: 203727

Ion Ratio Lower Upper

119 100

91 69.3 31.3 93.8

134 25.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.264 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019972.D

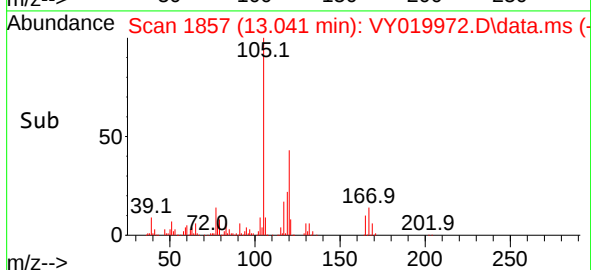
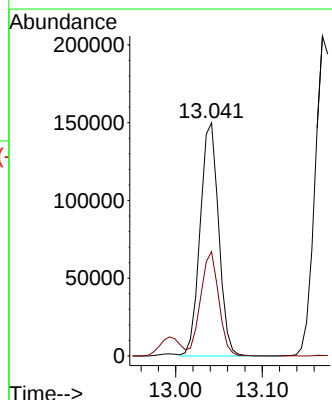
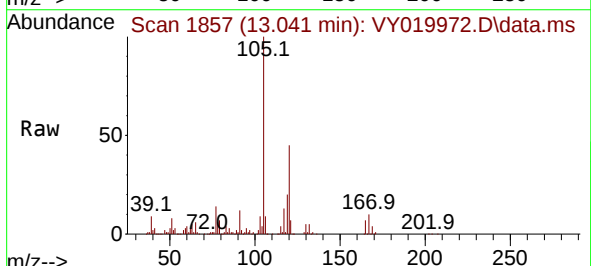
Acq: 22 Oct 2024 11:38

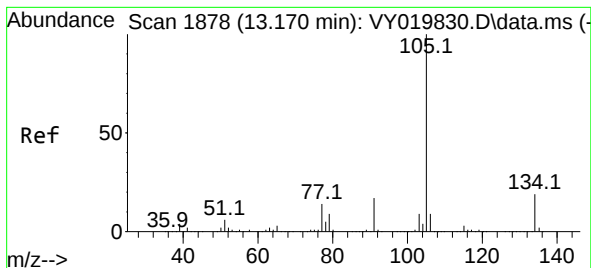
Tgt Ion:105 Resp: 222492

Ion Ratio Lower Upper

105 100

120 43.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.811 ug/l

RT: 13.169 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

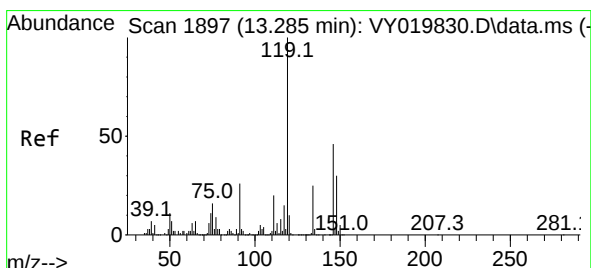
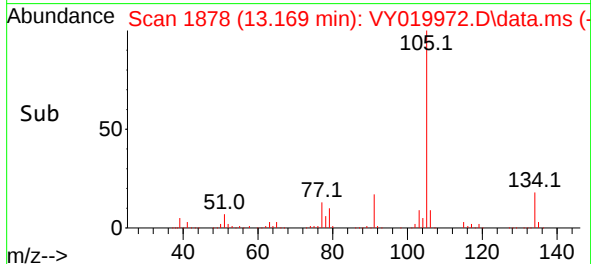
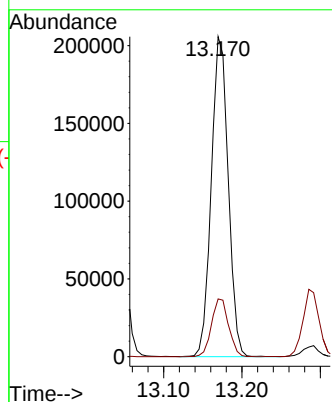
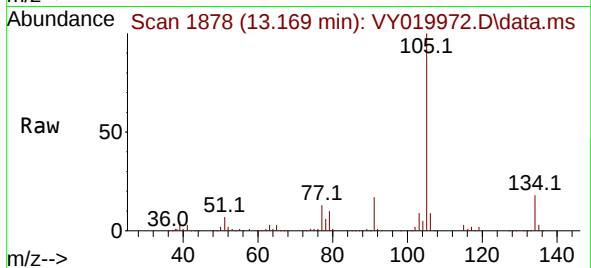
ClientSampleId :

Tgt Ion:105 Resp: 308477

Ion Ratio Lower Upper

105 100

134 18.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.190 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

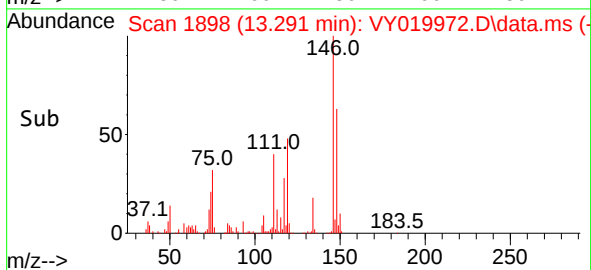
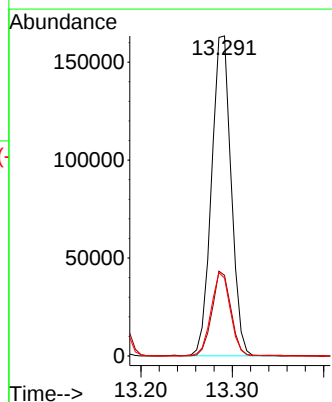
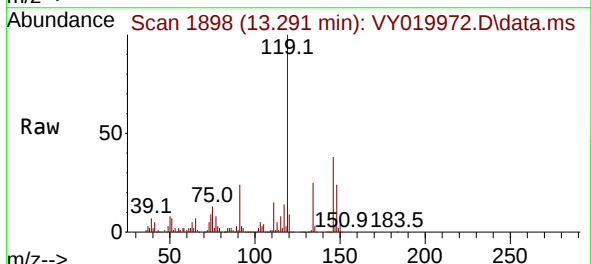
Tgt Ion:119 Resp: 243006

Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 25.6 10.7 32.1

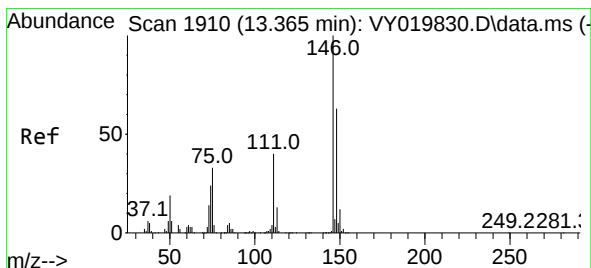
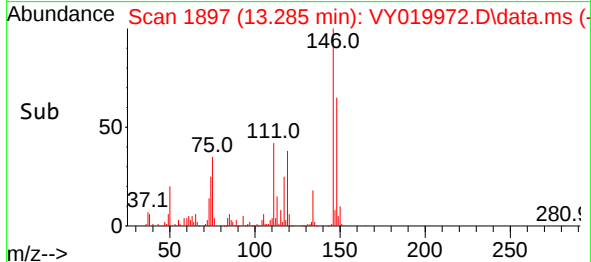
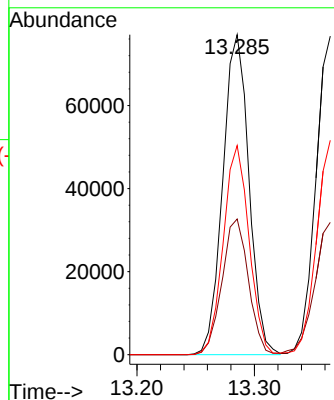
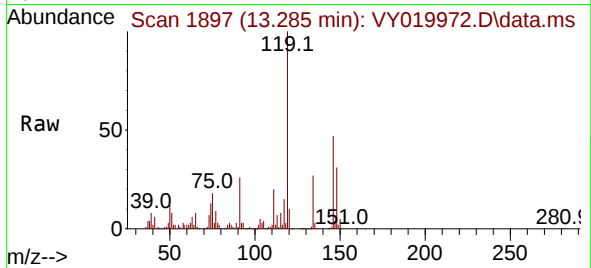




#87
 1,3-Dichlorobenzene
 Concen: 20.287 ug/l
 RT: 13.285 min Scan# 119217
 Delta R.T. -0.006 min
 Lab File: VY019972.D
 Acq: 22 Oct 2024 11:38

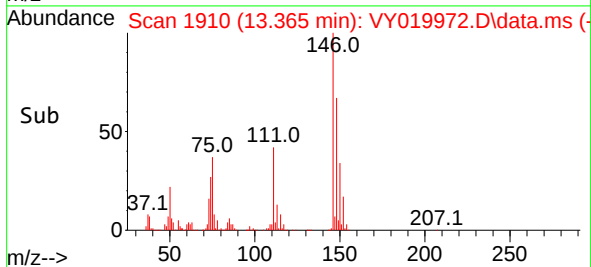
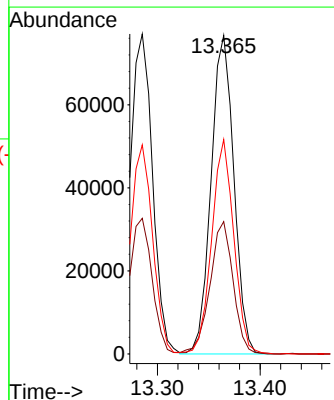
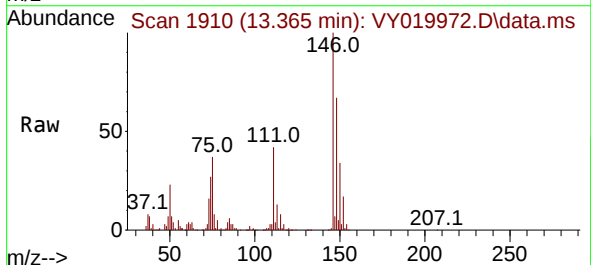
Instrument :
 MSVOA_Y
 ClientSampleId :

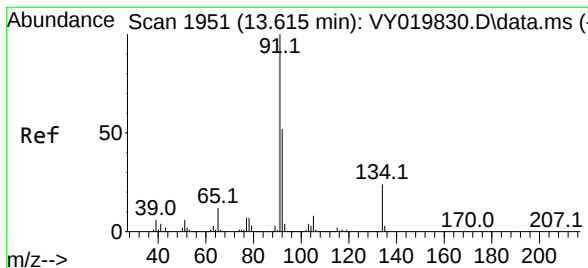
Tgt Ion:146 Resp: 119217
 Ion Ratio Lower Upper
 146 100
 111 42.9 19.0 57.0
 148 64.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.464 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY019972.D
 Acq: 22 Oct 2024 11:38

Tgt Ion:146 Resp: 118139
 Ion Ratio Lower Upper
 146 100
 111 42.2 18.4 55.4
 148 65.5 32.4 97.2





#89

n-Butylbenzene

Concen: 20.814 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

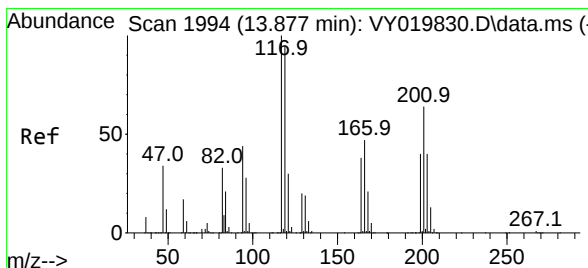
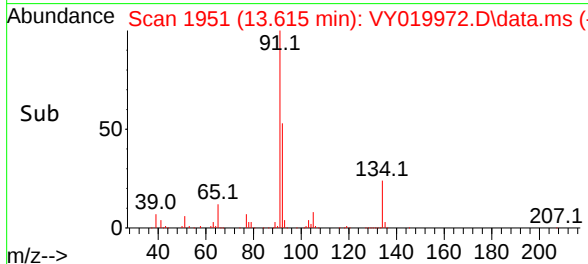
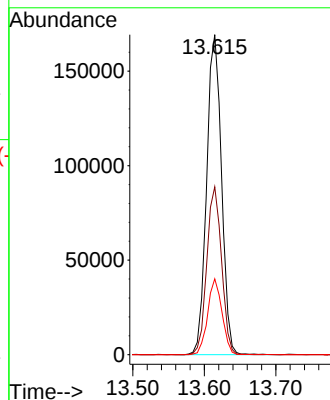
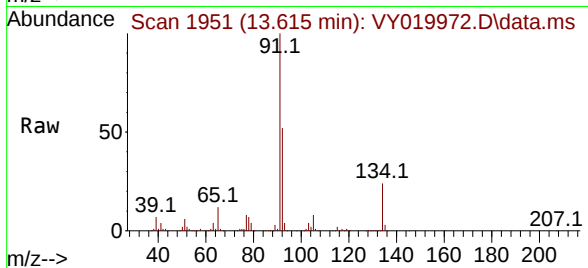
Tgt Ion: 91 Resp: 244627

Ion Ratio Lower Upper

91 100

92 52.0 26.6 79.7

134 22.9 12.9 38.7



#90

Hexachloroethane

Concen: 20.680 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019972.D

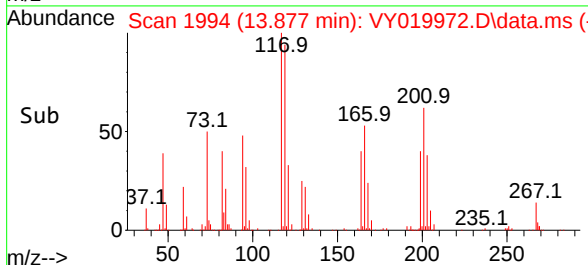
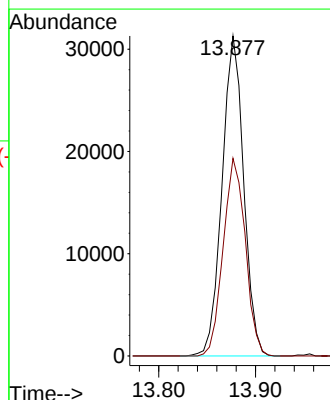
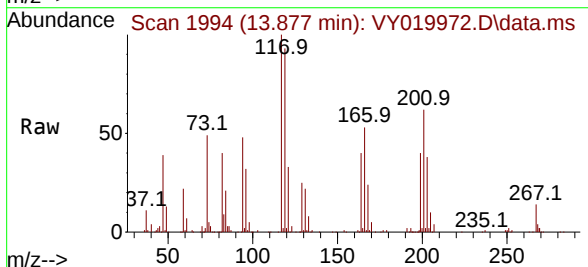
Acq: 22 Oct 2024 11:38

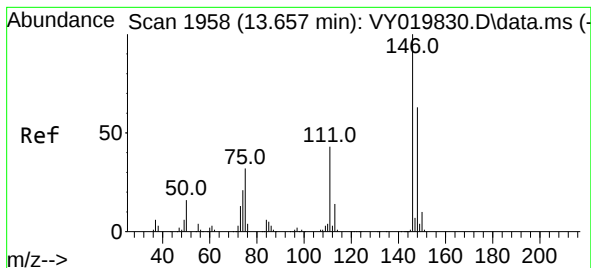
Tgt Ion: 117 Resp: 48467

Ion Ratio Lower Upper

117 100

201 63.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.643 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

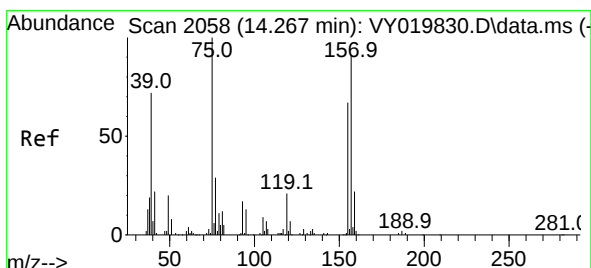
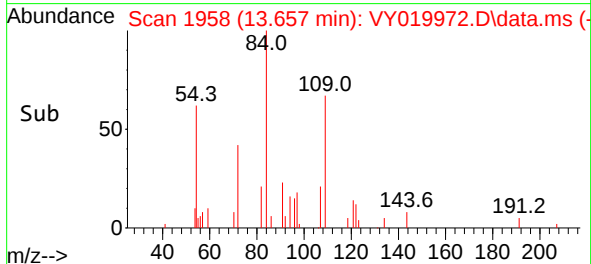
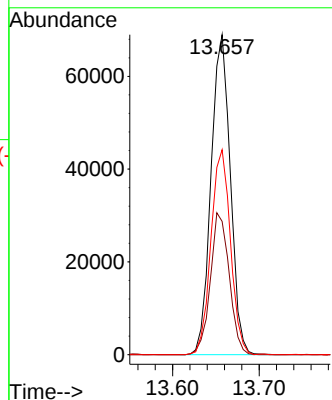
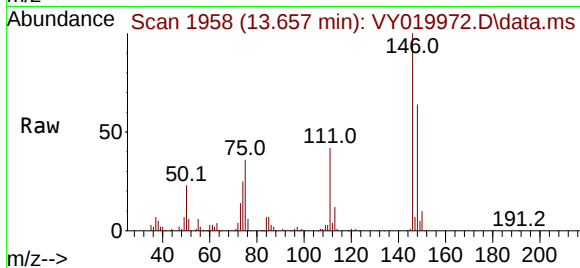
Tgt Ion:146 Resp: 106590

Ion Ratio Lower Upper

146 100

111 43.5 19.9 59.7

148 65.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.825 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

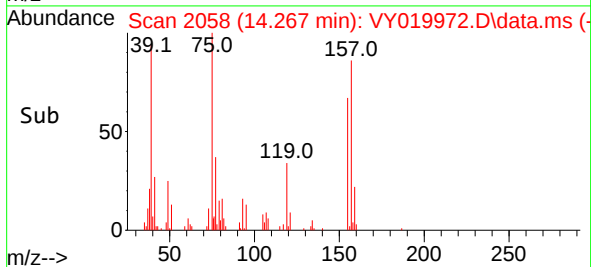
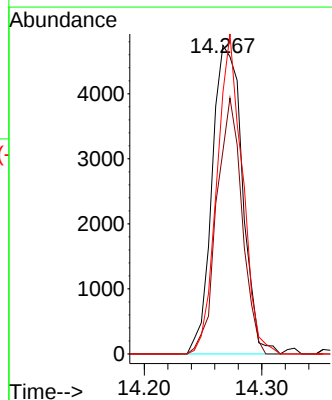
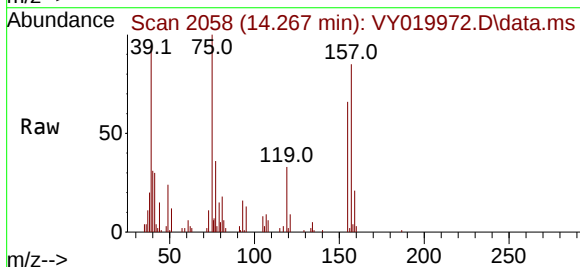
Tgt Ion: 75 Resp: 8487

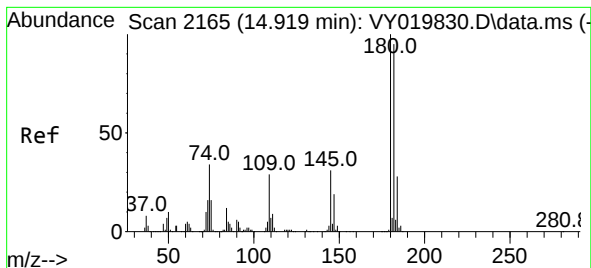
Ion Ratio Lower Upper

75 100

155 69.6 48.6 145.8

157 86.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.377 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

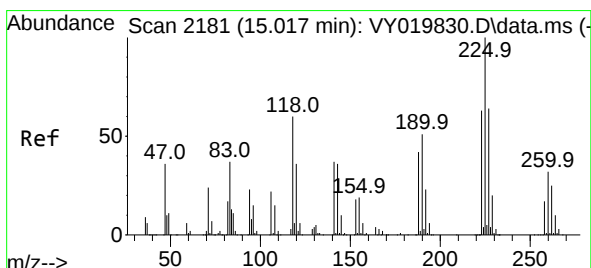
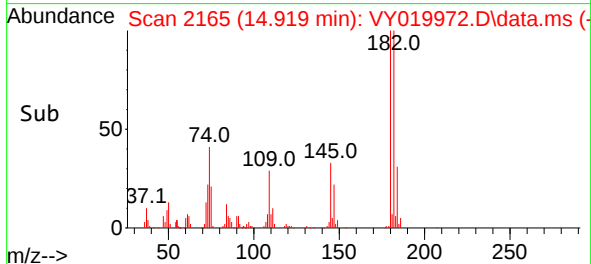
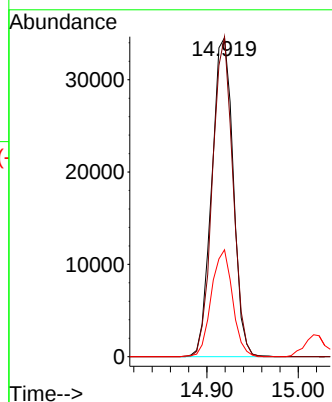
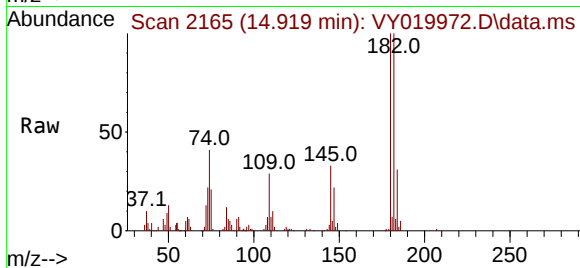
Tgt Ion:180 Resp: 56103

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 33.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.564 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

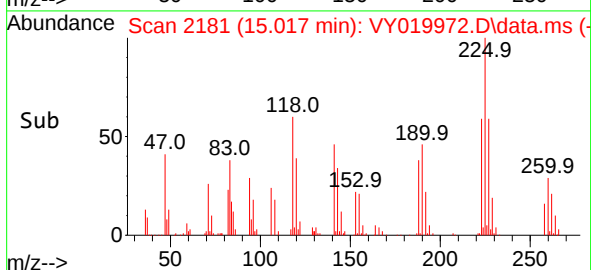
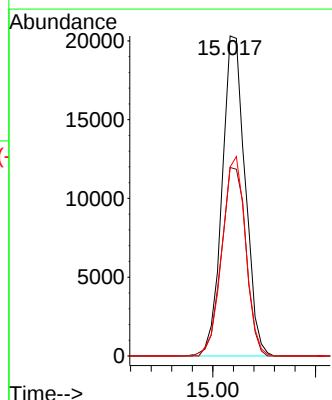
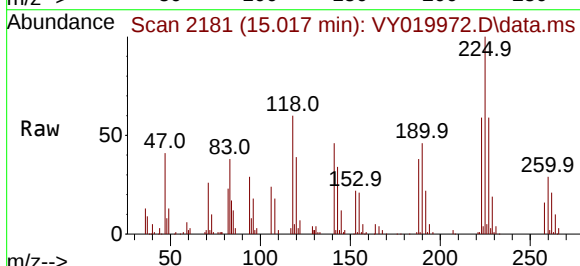
Tgt Ion:225 Resp: 31492

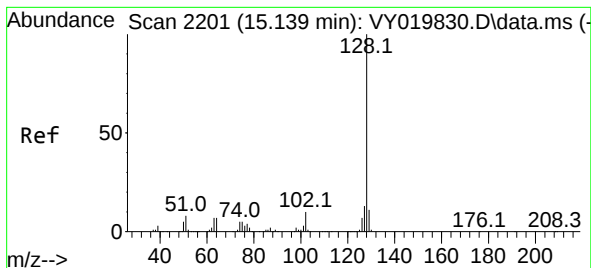
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 63.8 31.9 95.9





#95

Naphthalene

Concen: 19.480 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

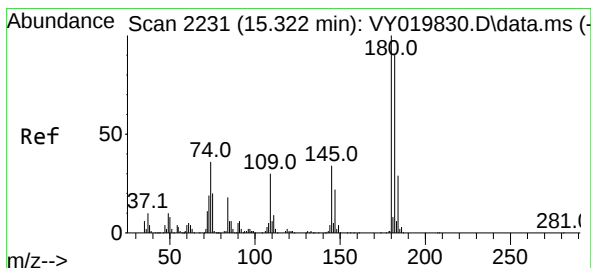
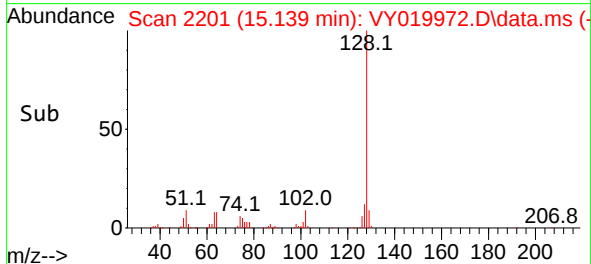
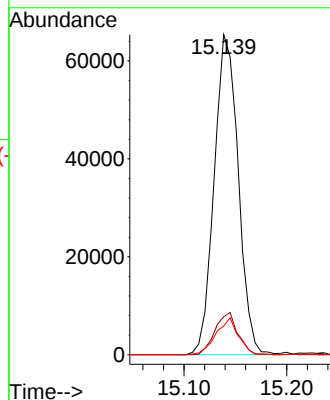
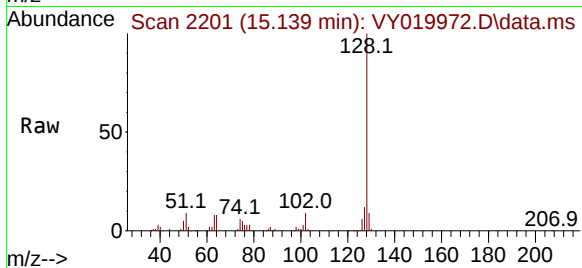
Tgt Ion:128 Resp: 106373

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.011 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019972.D

Acq: 22 Oct 2024 11:38

Tgt Ion:180 Resp: 46528

Ion Ratio Lower Upper

180 100

182 96.8 47.6 142.9

145 34.0 15.4 46.1

