

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020562.D
 Acq On : 10 Dec 2024 11:54
 Operator : SY/MD
 Sample : VY1210SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:46:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	155321	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	247103	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	209823	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	107923	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	86519	54.771	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.540%	
35) Dibromofluoromethane	7.634	113	84373	54.237	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.480%	
50) Toluene-d8	10.103	98	310958	52.495	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	12.402	95	113971	55.012	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 110.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	28046	18.511	ug/l	97
3) Chloromethane	2.068	50	28247	18.414	ug/l	98
4) Vinyl Chloride	2.202	62	29142	18.632	ug/l	98
5) Bromomethane	2.592	94	18096	19.719	ug/l	96
6) Chloroethane	2.733	64	18251	19.039	ug/l	97
7) Trichlorofluoromethane	3.056	101	58141	19.848	ug/l	100
8) Diethyl Ether	3.452	74	18994	22.885	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.812	101	35671	20.899	ug/l	96
10) Methyl Iodide	4.001	142	39073	20.392	ug/l	96
11) Tert butyl alcohol	4.860	59	18212	177.730	ug/l	96
12) 1,1-Dichloroethene	3.787	96	32441	20.120	ug/l	93
13) Acrolein	3.647	56	11146	116.178	ug/l	100
14) Allyl chloride	4.379	41	59336	20.634	ug/l	96
15) Acrylonitrile	5.049	53	44932	129.930	ug/l	99
16) Acetone	3.866	43	50205	127.821	ug/l	98
17) Carbon Disulfide	4.104	76	79124	17.146	ug/l	99
18) Methyl Acetate	4.385	43	21864	26.190	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	98765	23.986	ug/l	99
20) Methylene Chloride	4.610	84	38547	23.070	ug/l	92
21) trans-1,2-Dichloroethene	5.116	96	36223	20.227	ug/l	96
22) Diisopropyl ether	6.019	45	133555	23.356	ug/l	96
23) Vinyl Acetate	5.958	43	361825	119.627	ug/l	98
24) 1,1-Dichloroethane	5.909	63	77336	22.464	ug/l	99
25) 2-Butanone	6.890	43	66084	133.241	ug/l	98
26) 2,2-Dichloropropane	6.884	77	71109	21.838	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	46644	22.306	ug/l	97
28) Bromochloromethane	7.244	49	26890	20.916	ug/l	91
29) Tetrahydrofuran	7.256	42	36473	128.904	ug/l	97
30) Chloroform	7.421	83	80124	22.677	ug/l	97
31) Cyclohexane	7.695	56	58812	18.896	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	71911	21.137	ug/l	96
36) 1,1-Dichloropropene	7.835	75	52156	19.854	ug/l	97
37) Ethyl Acetate	6.976	43	25922	24.907	ug/l	96
38) Carbon Tetrachloride	7.811	117	64251	20.492	ug/l	99
39) Methylcyclohexane	9.103	83	61008	18.715	ug/l	99
40) Benzene	8.079	78	163562	21.117	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	16455	27.812	ug/l #	85
42) 1,2-Dichloroethane	8.152	62	46231	22.716	ug/l	99
43) Isopropyl Acetate	8.195	43	52277	24.875	ug/l	98
44) Trichloroethene	8.866	130	40861	21.400	ug/l	95
45) 1,2-Dichloropropane	9.140	63	41120	22.687	ug/l	100
46) Dibromomethane	9.231	93	21555	24.019	ug/l	97
47) Bromodichloromethane	9.420	83	60850	23.014	ug/l	100
48) Methyl methacrylate	9.219	41	23202	23.676	ug/l	94
49) 1,4-Dioxane	9.225	88	4933	575.079	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	136105	131.139	ug/l	98
52) Toluene	10.170	92	105037	21.735	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	54073	22.780	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	63848	22.760	ug/l	95
55) 1,1,2-Trichloroethane	10.566	97	29585	24.714	ug/l	98
56) Ethyl methacrylate	10.438	69	41211	24.330	ug/l	93
57) 1,3-Dichloropropane	10.713	76	51060	23.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	83421	105.188	ug/l	97
59) 2-Hexanone	10.755	43	95309	127.295	ug/l	95
60) Dibromochloromethane	10.908	129	39760	23.856	ug/l	99
61) 1,2-Dibromoethane	11.012	107	26282	24.008	ug/l	98
64) Tetrachloroethene	10.646	164	35792	20.188	ug/l	97
65) Chlorobenzene	11.438	112	114212	21.716	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	41635	22.322	ug/l	99
67) Ethyl Benzene	11.518	91	209383	21.240	ug/l	99
68) m/p-Xylenes	11.627	106	153544	42.535	ug/l	99
69) o-Xylene	11.950	106	74441	22.012	ug/l	99
70) Styrene	11.969	104	126457	22.413	ug/l	99
71) Bromoform	12.133	173	23219	24.485	ug/l #	98
73) Isopropylbenzene	12.255	105	201864	19.332	ug/l	99
74) N-amyl acetate	12.066	43	44793	21.886	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33205	22.112	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	43211	39.304	ug/l #	100
77) Bromobenzene	12.530	156	44468	20.564	ug/l	98
78) n-propylbenzene	12.591	91	240435	19.448	ug/l	99
79) 2-Chlorotoluene	12.676	91	137342	19.687	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	166434	19.889	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11834	22.086	ug/l	97
82) 4-Chlorotoluene	12.773	91	144042	20.233	ug/l	100
83) tert-Butylbenzene	12.999	119	153237	20.255	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	165793	20.384	ug/l	100
85) sec-Butylbenzene	13.176	105	217615	20.071	ug/l	100
86) p-Isopropyltoluene	13.292	119	182330	20.350	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	88641	21.255	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	87476	21.426	ug/l	99
89) n-Butylbenzene	13.615	91	168856	20.320	ug/l	98
90) Hexachloroethane	13.877	117	35313	20.224	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	75978	21.483	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4952	21.783	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	45489	22.874	ug/l	98
94) Hexachlorobutadiene	15.023	225	30526	21.941	ug/l	97
95) Naphthalene	15.145	128	74821	23.250	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	38004	23.683	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

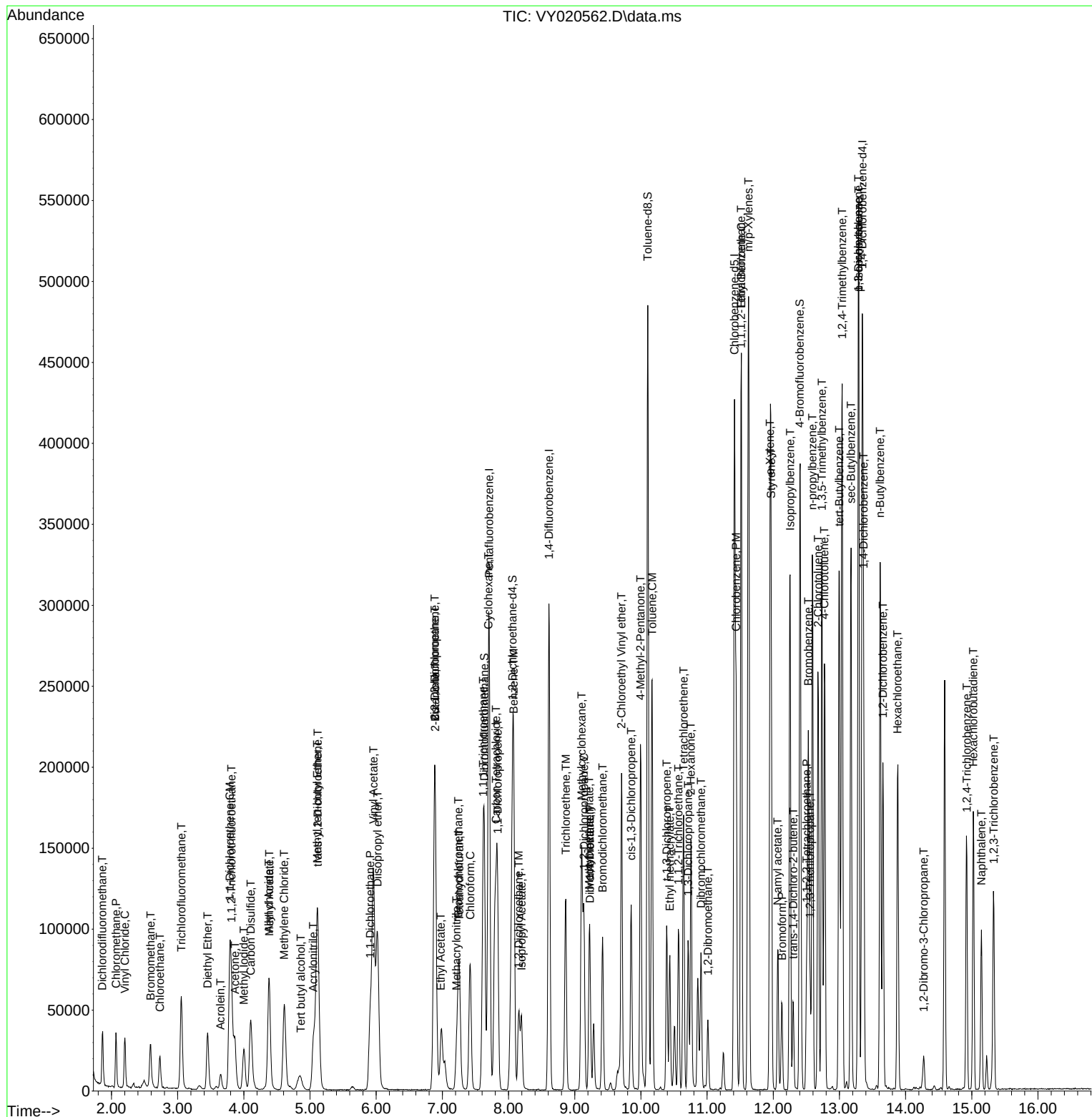
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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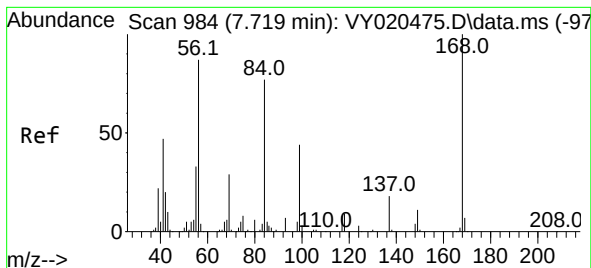
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

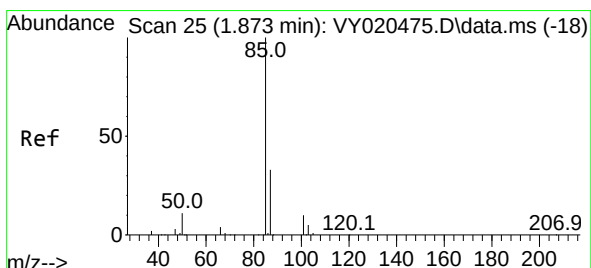
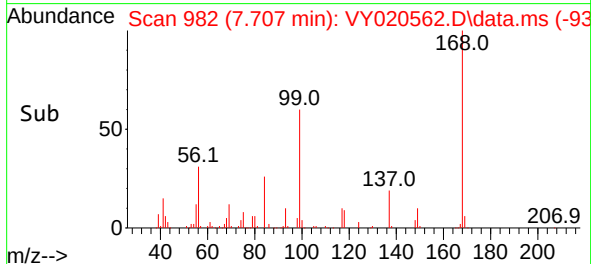
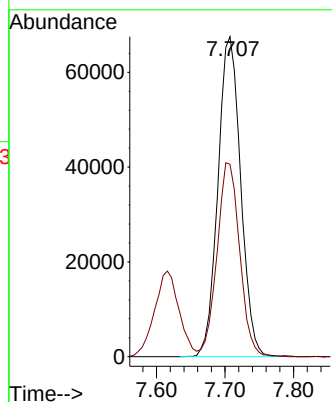
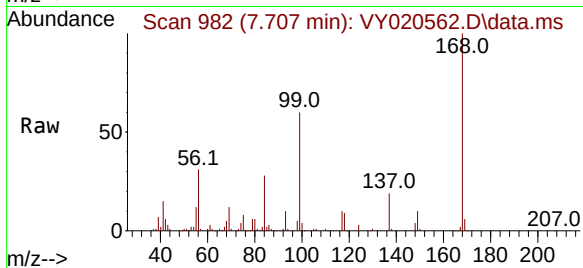
ClientSampleId :

Tgt Ion:168 Resp: 155321

Ion Ratio Lower Upper

168 100

99 60.1 46.6 69.8



#2

Dichlorodifluoromethane

Concen: 18.511 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.012 min

Lab File: VY020562.D

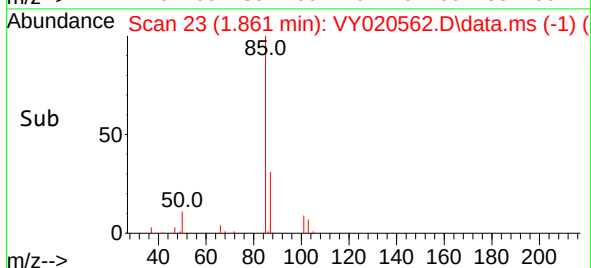
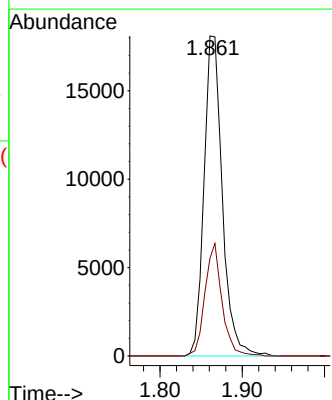
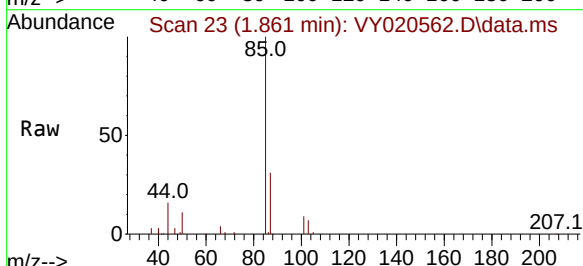
Acq: 10 Dec 2024 11:54

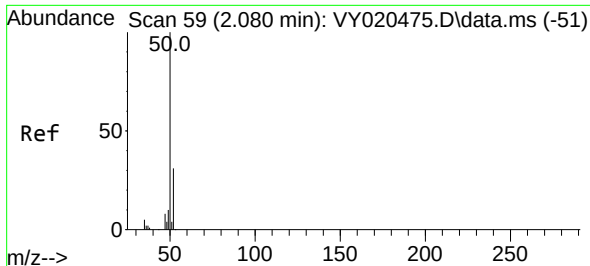
Tgt Ion: 85 Resp: 28046

Ion Ratio Lower Upper

85 100

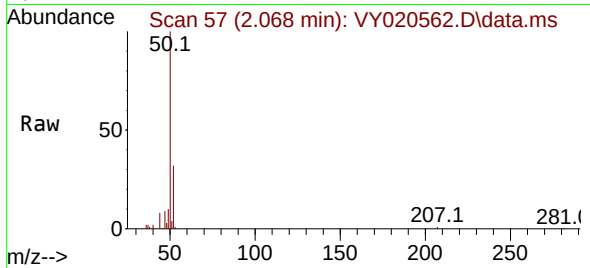
87 30.6 16.1 48.2



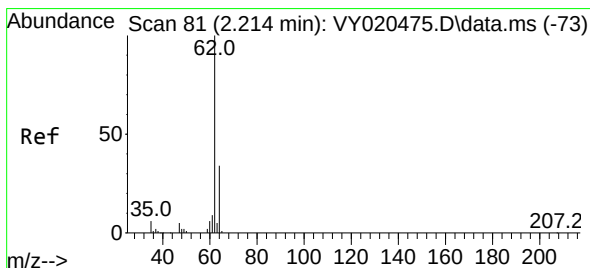
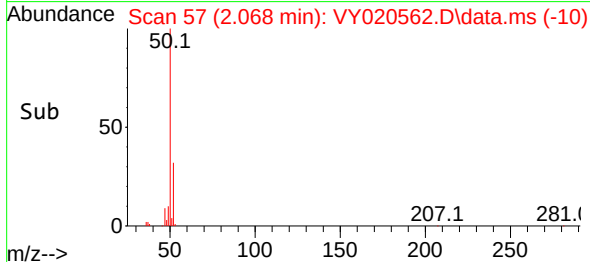
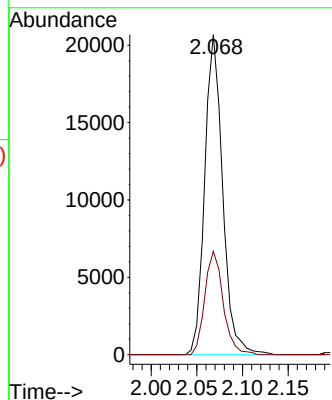


#3
Chloromethane
Concen: 18.414 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Instrument :
MSVOA_Y
ClientSampleId :

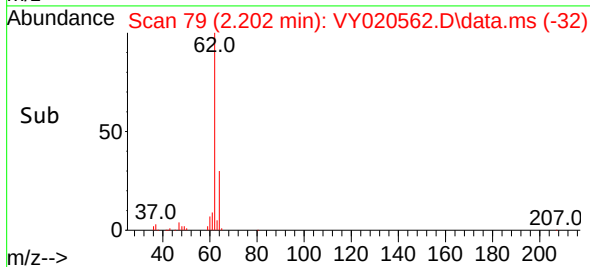
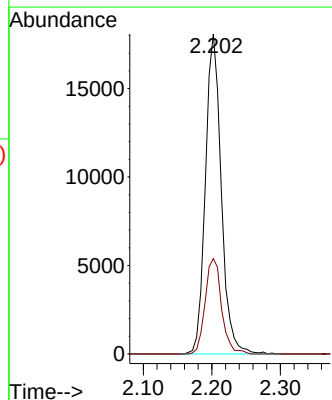
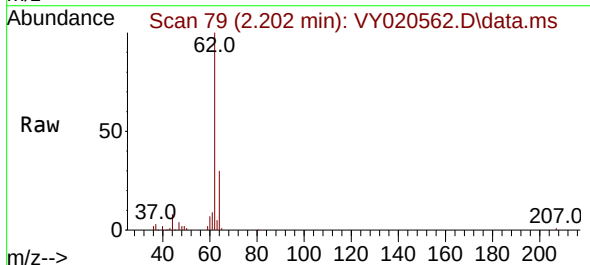


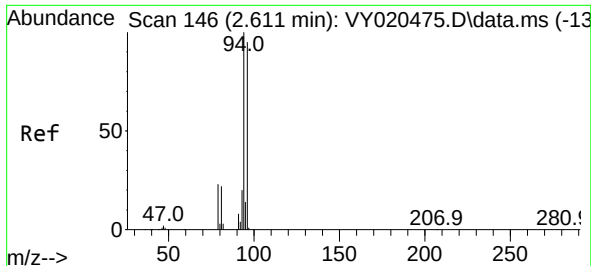
Tgt Ion: 50 Resp: 28247
Ion Ratio Lower Upper
50 100
52 32.3 26.9 40.3



#4
Vinyl Chloride
Concen: 18.632 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 62 Resp: 29142
Ion Ratio Lower Upper
62 100
64 29.8 24.7 37.1

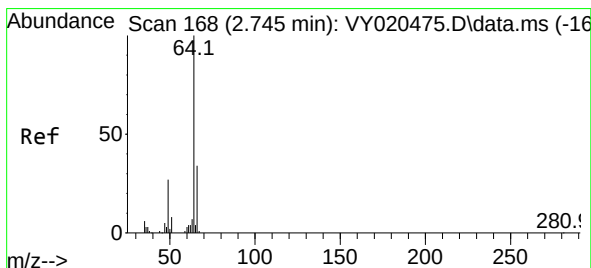
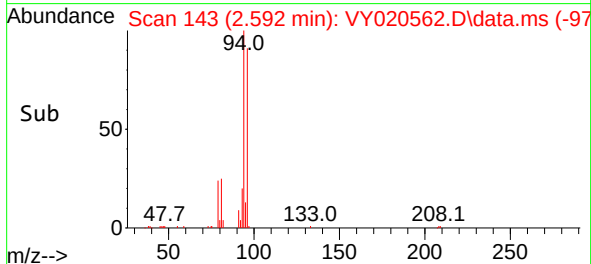
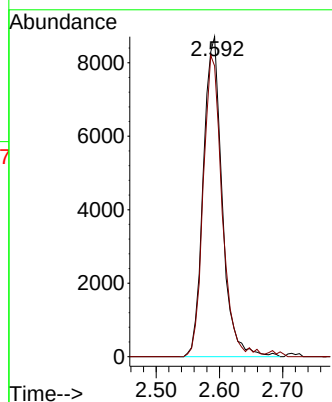
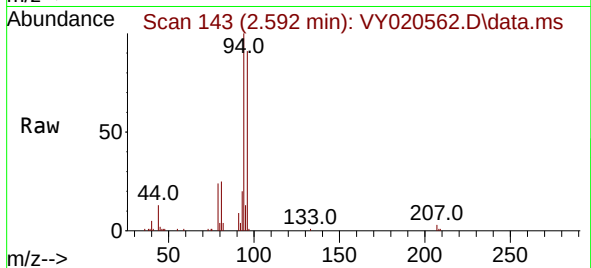




#5
Bromomethane
Concen: 19.719 ug/l
RT: 2.592 min Scan# 146
Delta R.T. -0.018 min
Lab File: VY020562.D
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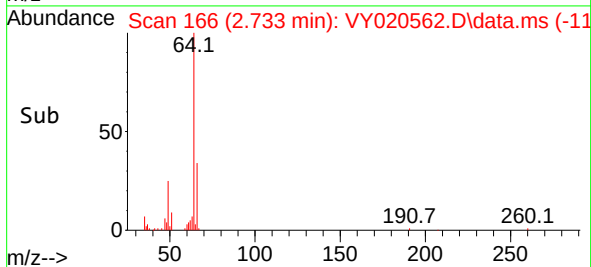
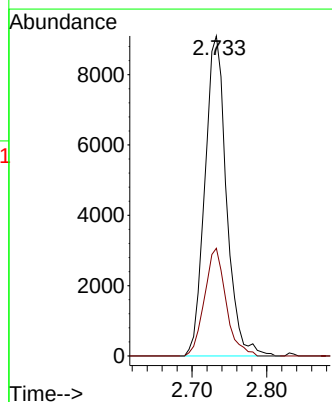
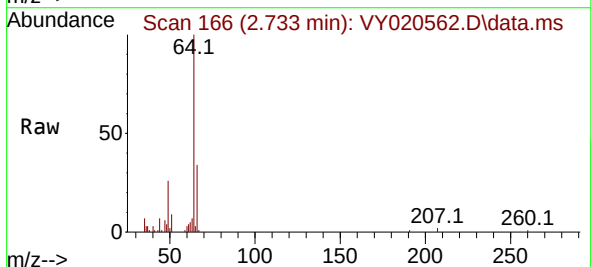
Instrument :
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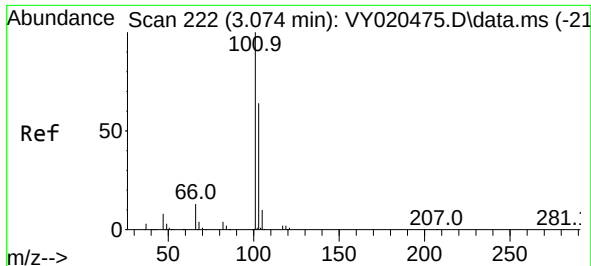
Tgt Ion: 94 Resp: 18096
Ion Ratio Lower Upper
94 100
96 90.9 75.4 113.2



#6
Chloroethane
Concen: 19.039 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 64 Resp: 18251
Ion Ratio Lower Upper
64 100
66 33.7 25.7 38.5

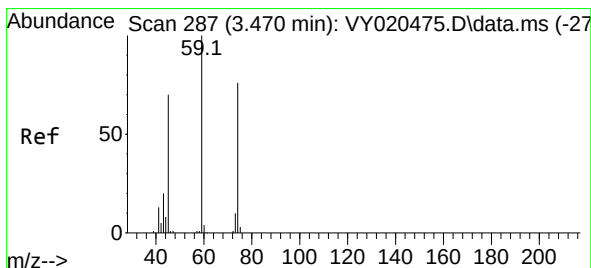
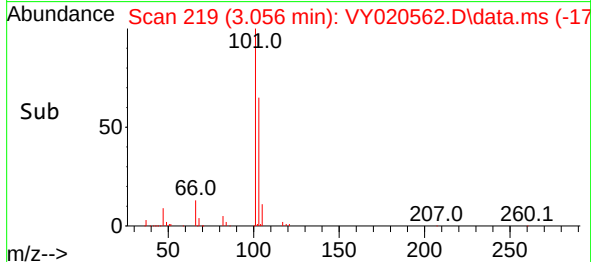
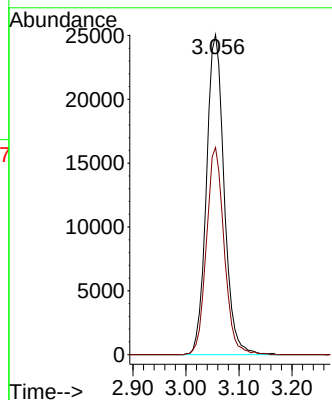
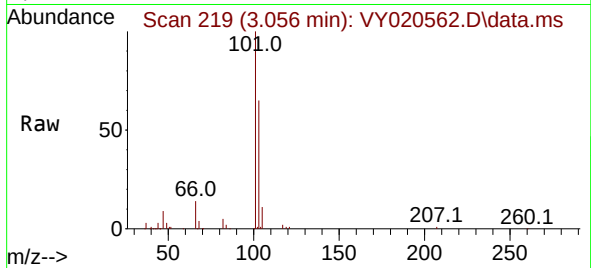




#7
Trichlorofluoromethane
Concen: 19.848 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

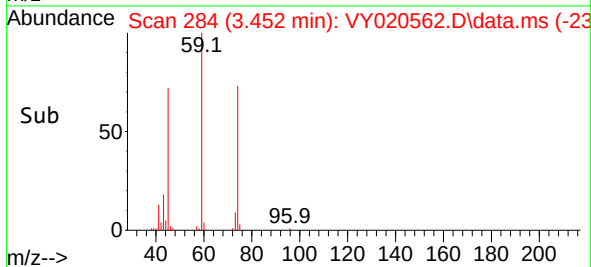
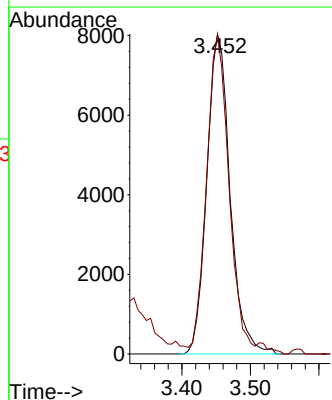
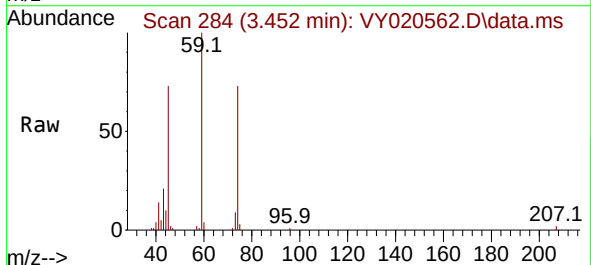
Instrument :
MSVOA_Y
ClientSampleId :

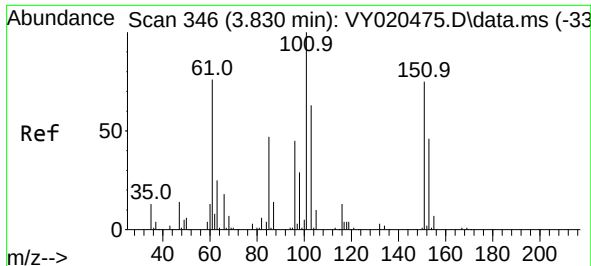
Tgt Ion:101 Resp: 58141
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3



#8
Diethyl Ether
Concen: 22.885 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.018 min
Lab File: VY020562.D
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Tgt Ion: 74 Resp: 18994
Ion Ratio Lower Upper
74 100
45 92.1 53.6 160.8

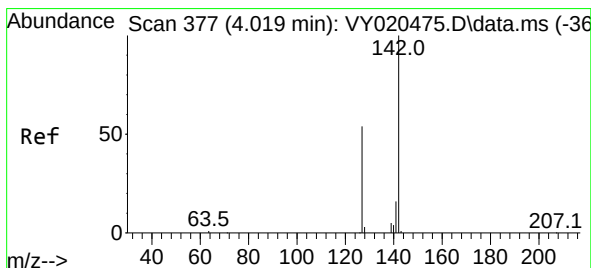
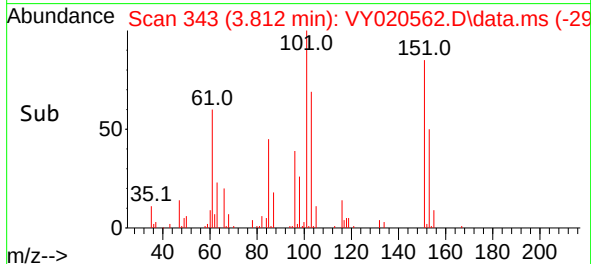
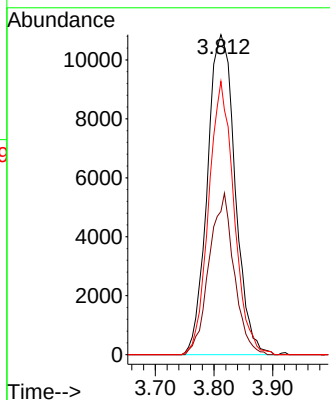
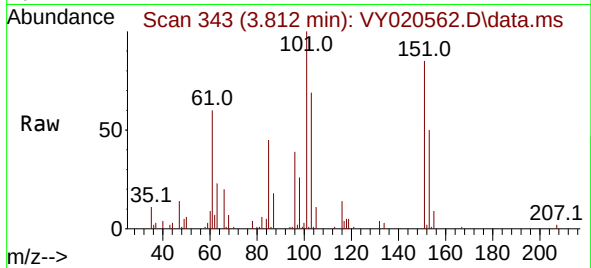




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.899 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

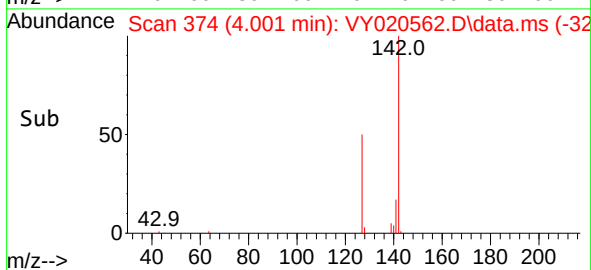
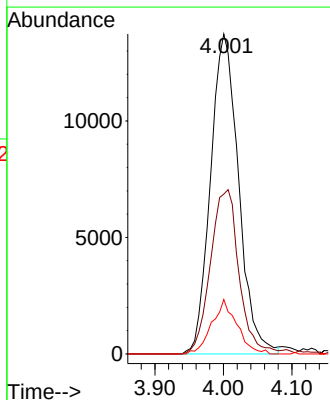
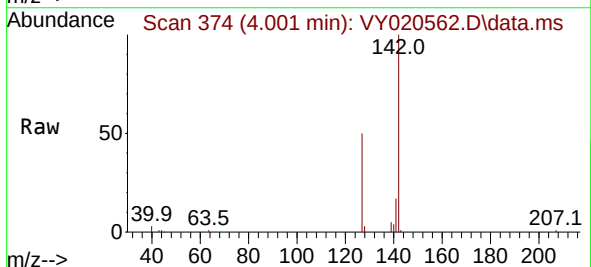
Instrument :
MSVOA_Y
ClientSampleId :

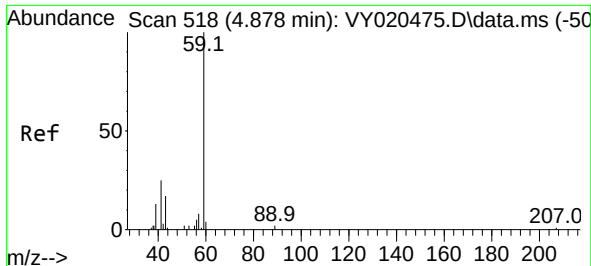
Tgt Ion:101 Resp: 35671
Ion Ratio Lower Upper
101 100
85 45.2 38.0 57.0
151 77.9 59.6 89.4



#10
Methyl Iodide
Concen: 20.392 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion:142 Resp: 39073
Ion Ratio Lower Upper
142 100
127 52.0 38.9 58.3
141 15.2 11.7 17.5

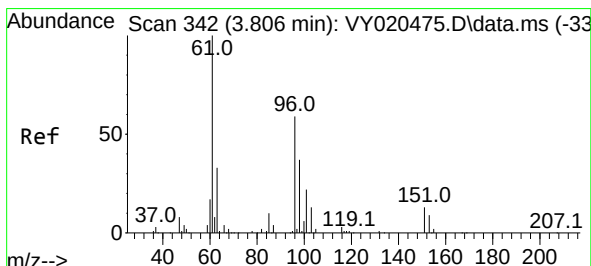
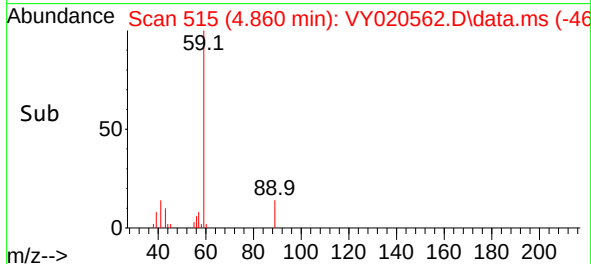
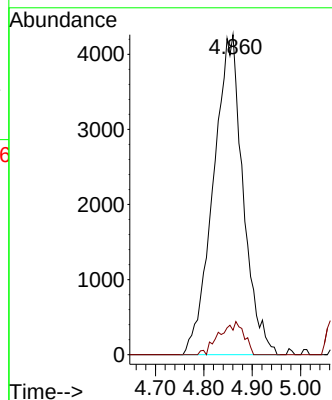
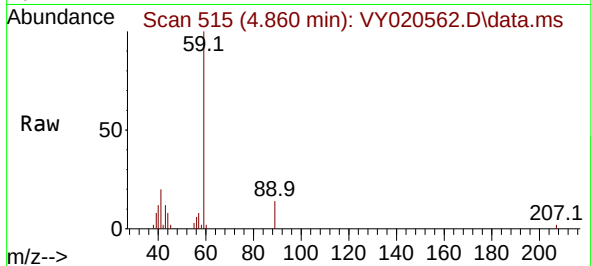




#11
Tert butyl alcohol
Concen: 177.730 ug/l
RT: 4.860 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

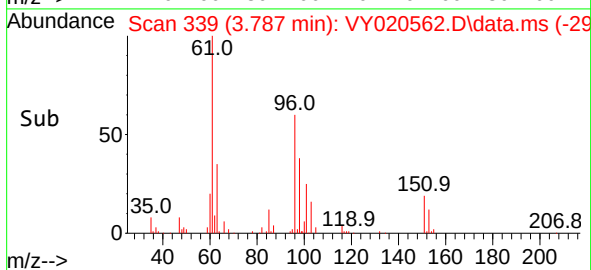
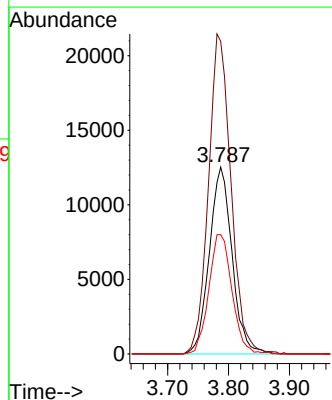
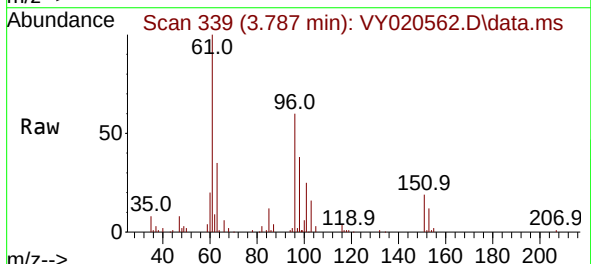
Instrument :
MSVOA_Y
ClientSampleId :

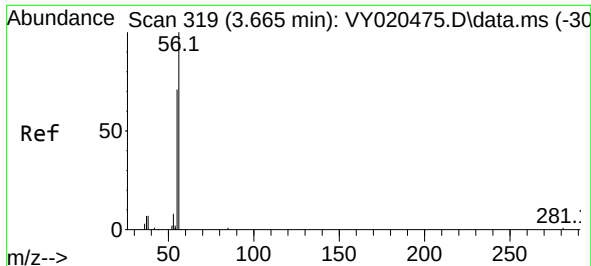
Tgt Ion: 59 Resp: 18212
Ion Ratio Lower Upper
59 100
57 8.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.120 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 96 Resp: 32441
Ion Ratio Lower Upper
96 100
61 167.3 143.3 214.9
98 63.9 49.8 74.8

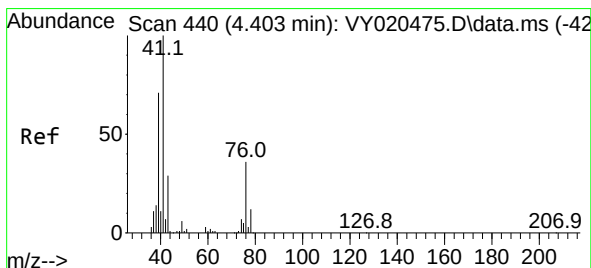
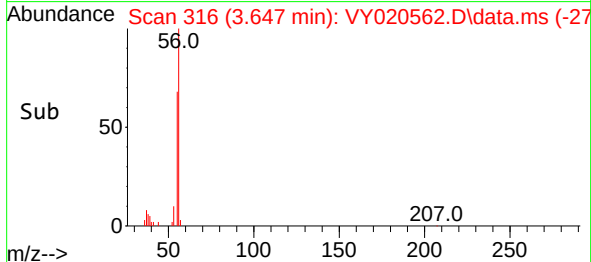
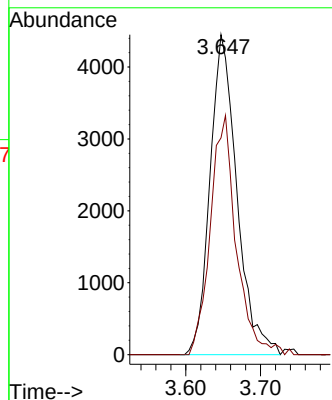
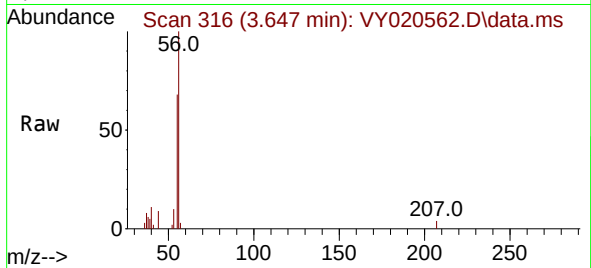




#13
Acrolein
Concen: 116.178 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

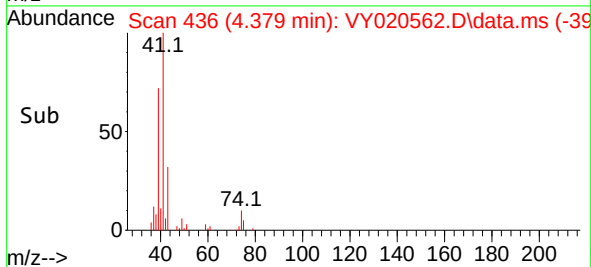
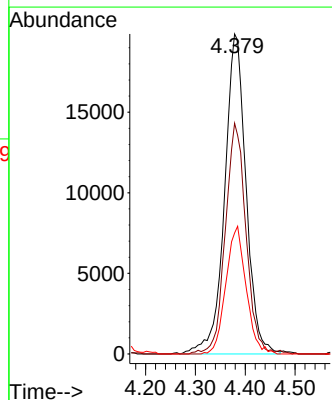
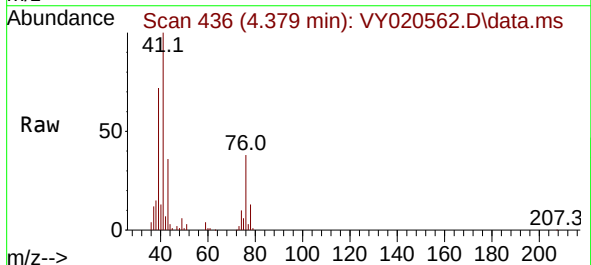
Instrument :
MSVOA_Y
ClientSampleId :

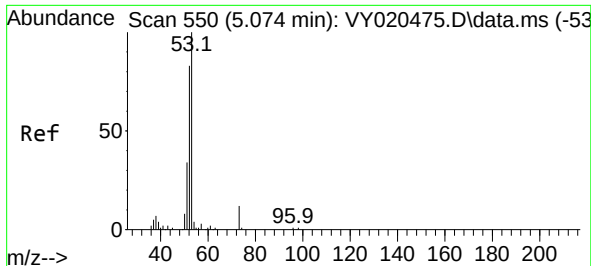
Tgt Ion: 56 Resp: 11146
Ion Ratio Lower Upper
56 100
55 72.0 57.7 86.5



#14
Allyl chloride
Concen: 20.634 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.024 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

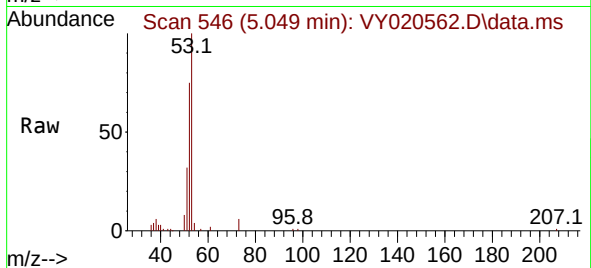
Tgt Ion: 41 Resp: 59336
Ion Ratio Lower Upper
41 100
39 69.1 58.8 88.2
76 37.6 29.7 44.5



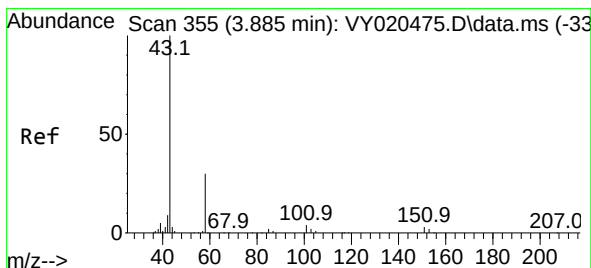
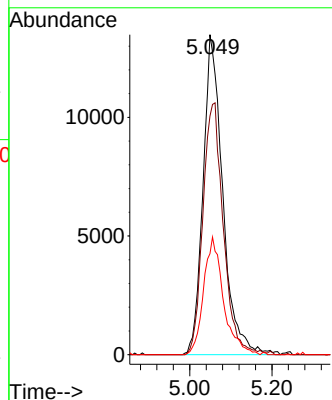
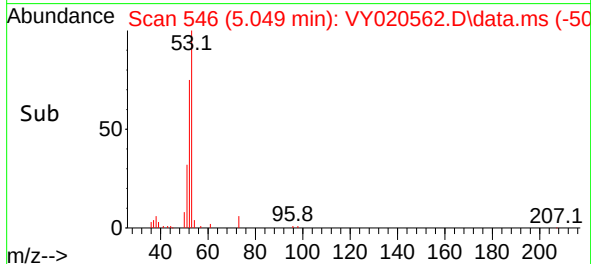


#15
Acrylonitrile
Concen: 129.930 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.024 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Instrument :
MSVOA_Y
ClientSampleId :

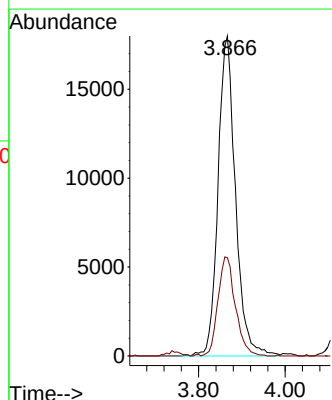
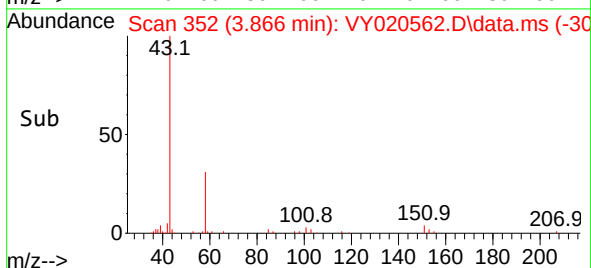
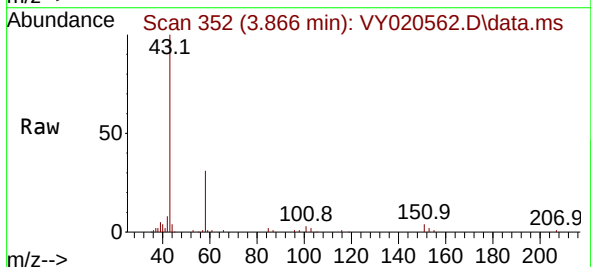


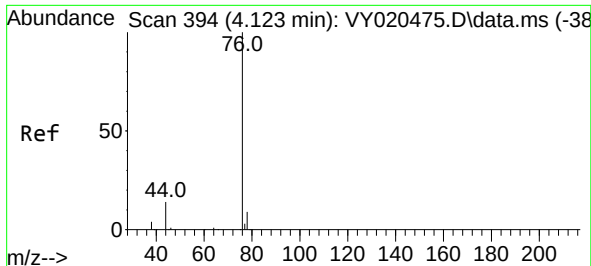
Tgt Ion: 53 Resp: 44932
Ion Ratio Lower Upper
53 100
52 81.3 65.2 97.8
51 37.0 30.2 45.4



#16
Acetone
Concen: 127.821 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 43 Resp: 50205
Ion Ratio Lower Upper
43 100
58 30.7 25.7 38.5

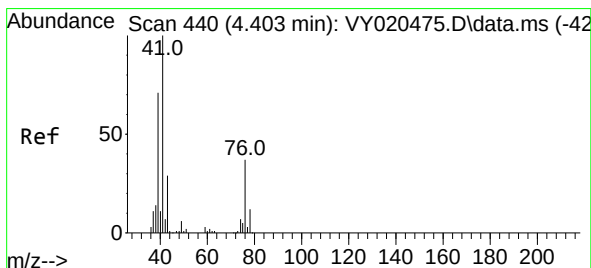
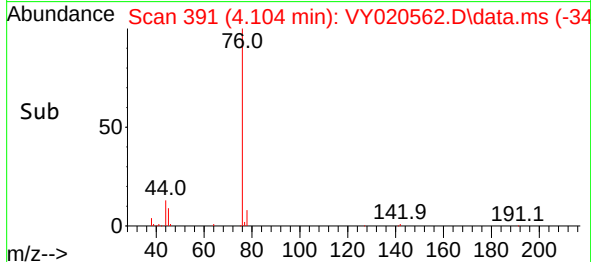
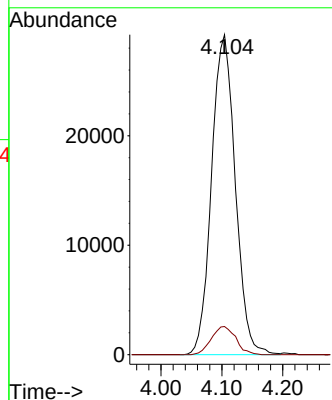
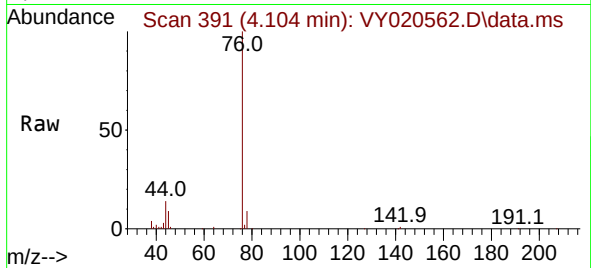




#17
Carbon Disulfide
Concen: 17.146 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

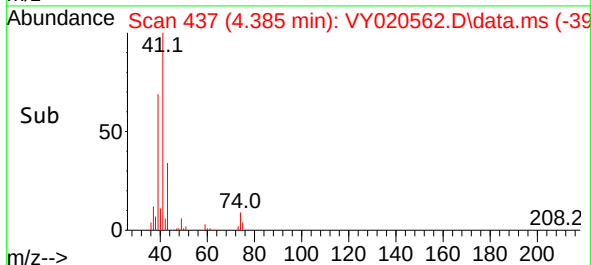
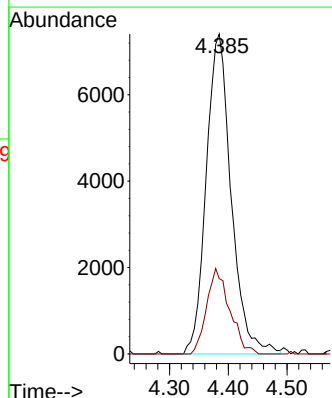
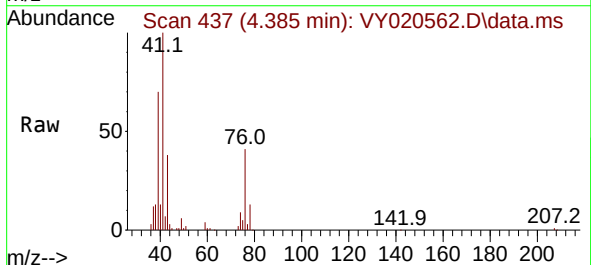
Instrument :
MSVOA_Y
ClientSampleId :

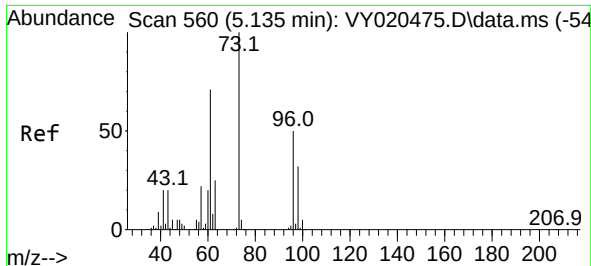
Tgt Ion: 76 Resp: 79124
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 26.190 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 43 Resp: 21864
Ion Ratio Lower Upper
43 100
74 24.7 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 23.986 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

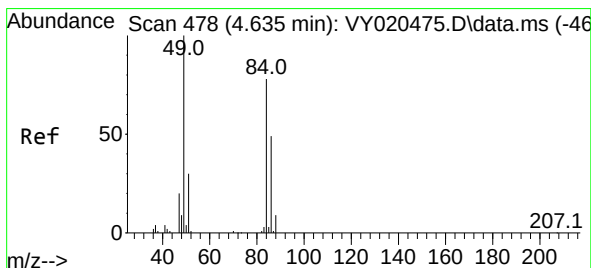
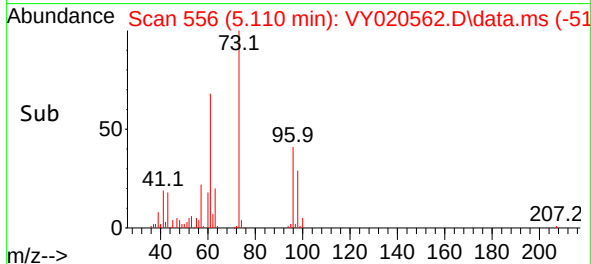
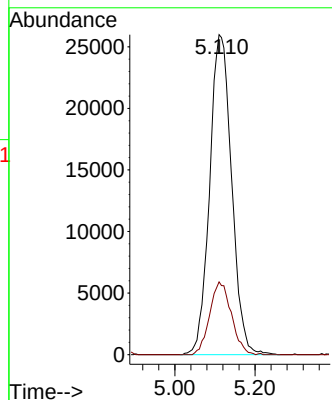
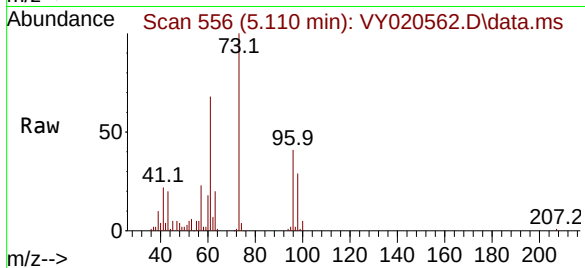
ClientSampleId :

Tgt Ion: 73 Resp: 98765

Ion Ratio Lower Upper

73 100

57 22.7 18.0 27.0



#20

Methylene Chloride

Concen: 23.070 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.024 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Tgt Ion: 84 Resp: 38547

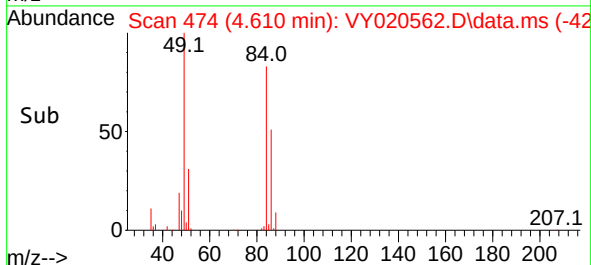
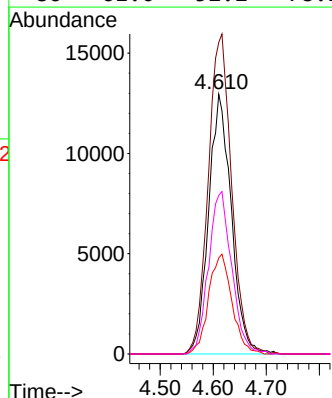
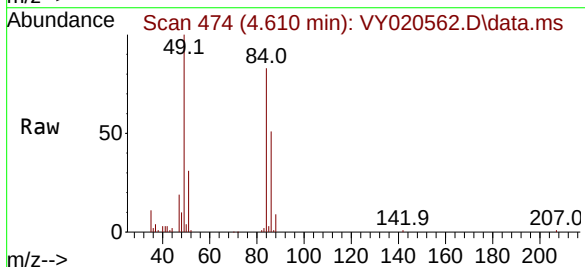
Ion Ratio Lower Upper

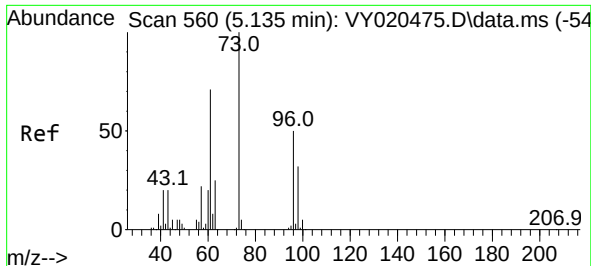
84 100

49 119.9 104.7 157.1

51 37.0 33.4 50.0

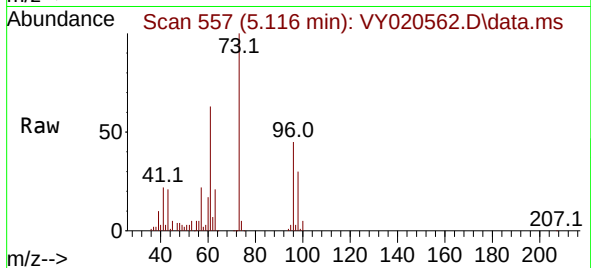
86 61.0 52.2 78.2



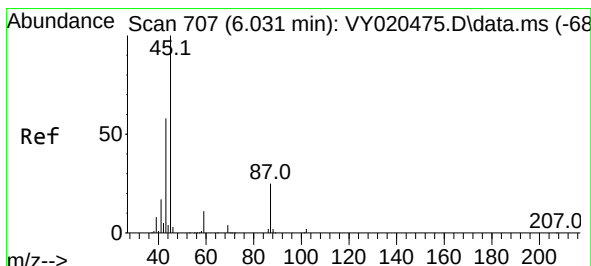
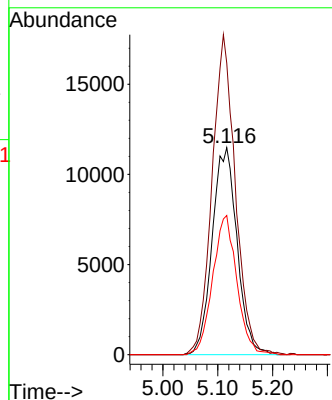
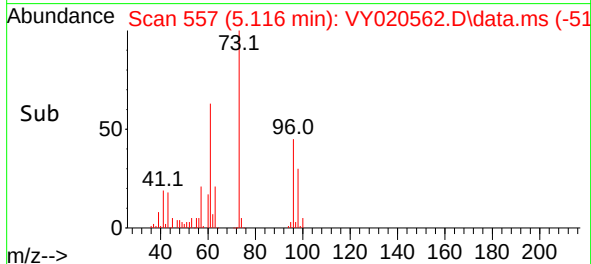


#21
trans-1,2-Dichloroethene
Concen: 20.227 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

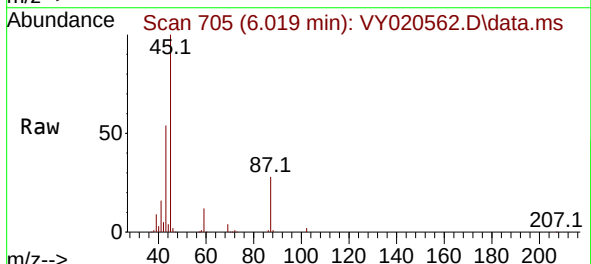
Instrument :
MSVOA_Y
ClientSampleId :



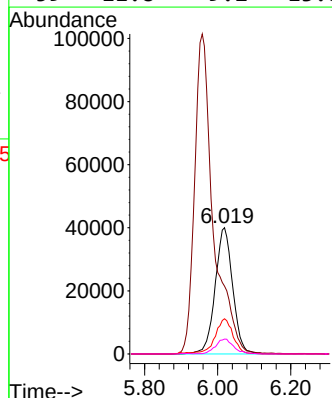
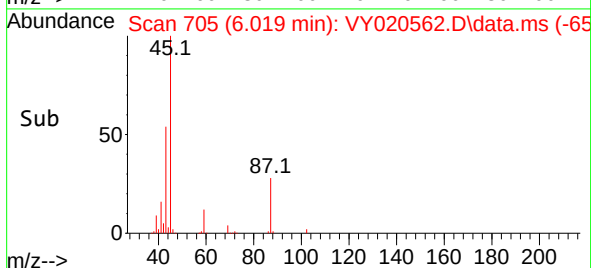
Tgt Ion: 96 Resp: 36223
Ion Ratio Lower Upper
96 100
61 140.8 111.6 167.4
98 67.3 46.7 70.1

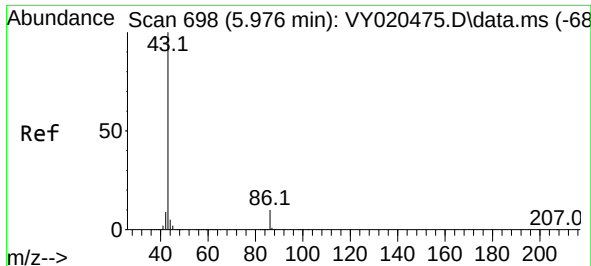


#22
Diisopropyl ether
Concen: 23.356 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54



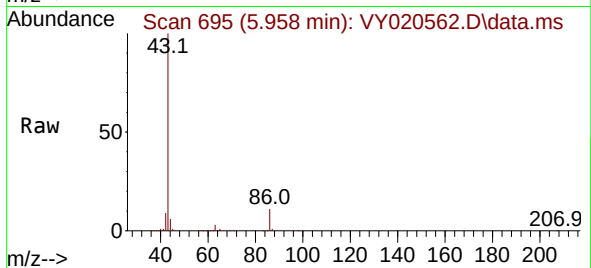
Tgt Ion: 45 Resp: 133555
Ion Ratio Lower Upper
45 100
43 53.3 44.8 67.2
87 27.9 20.6 30.8
59 11.8 9.2 13.8



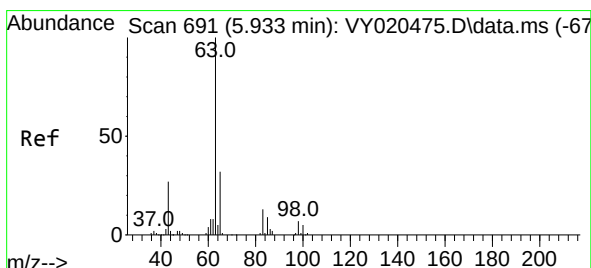
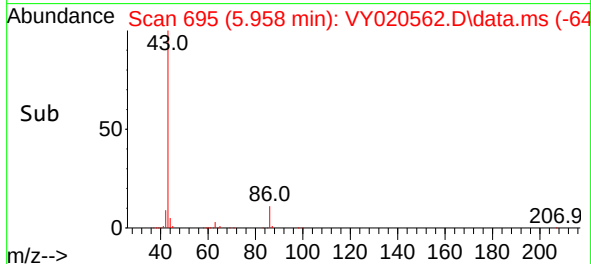
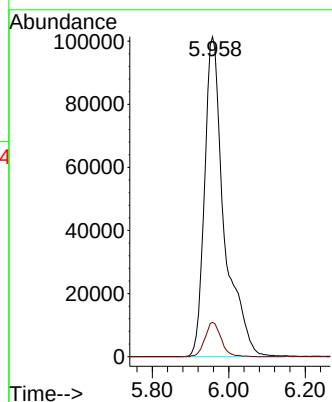


#23
 Vinyl Acetate
 Concen: 119.627 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. -0.018 min
 Lab File: VY020562.D
 Acq: 10 Dec 2024 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :

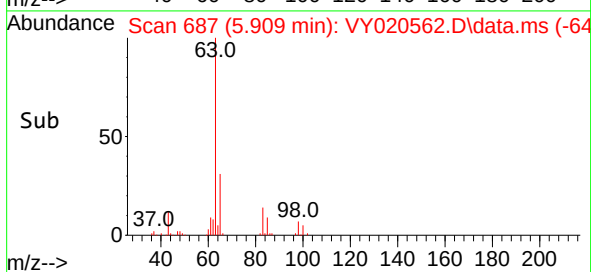
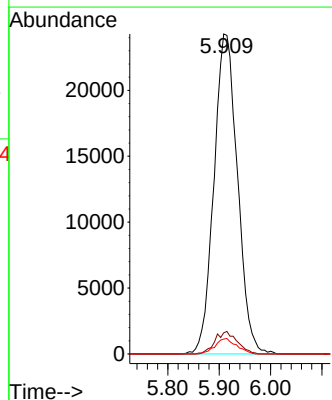
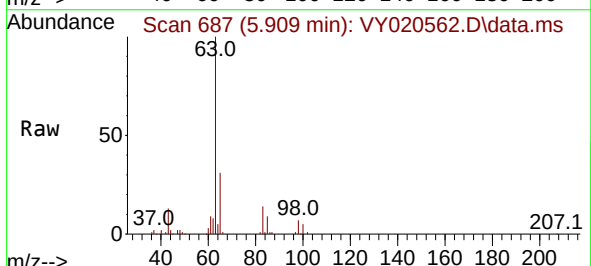


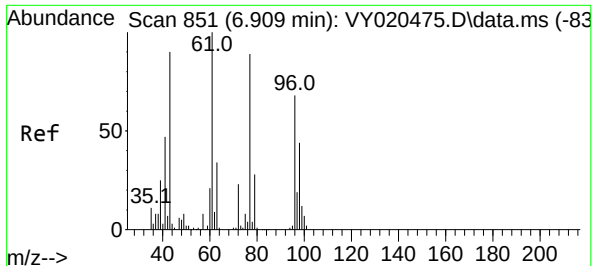
Tgt Ion: 43 Resp: 361825
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 22.464 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.024 min
 Lab File: VY020562.D
 Acq: 10 Dec 2024 11:54

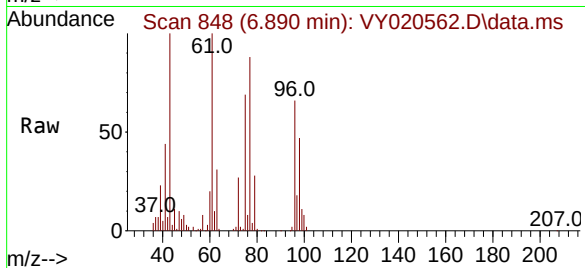
Tgt Ion: 63 Resp: 77336
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.6 2.0 5.8



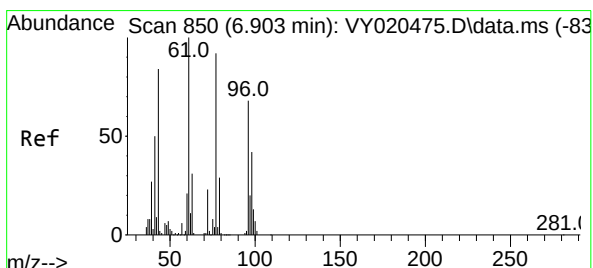
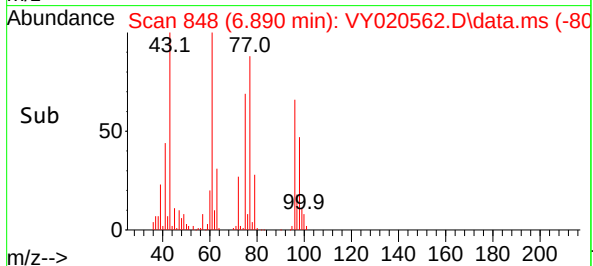
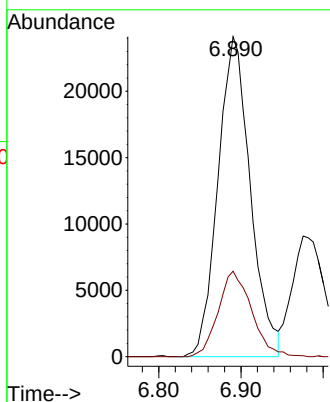


#25
2-Butanone
Concen: 133.241 ug/l
RT: 6.890 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Instrument :
MSVOA_Y
ClientSampleId :

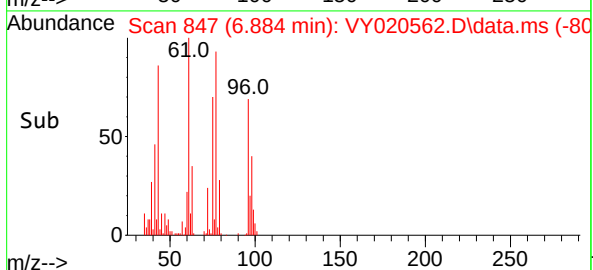
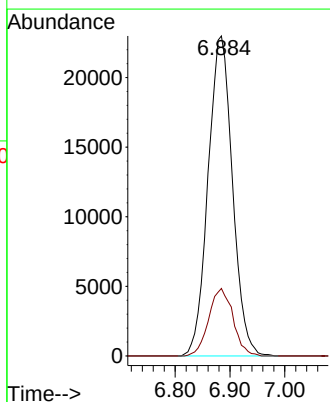
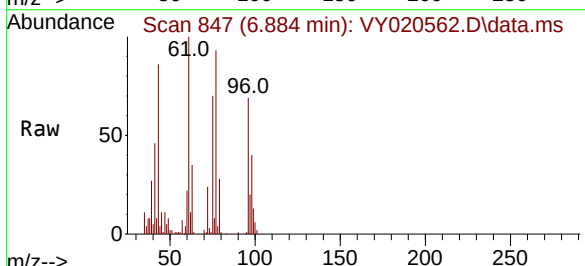


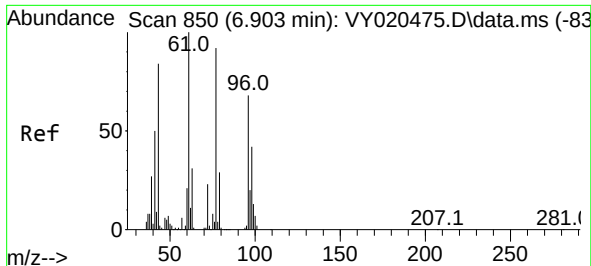
Tgt Ion: 43 Resp: 66084
Ion Ratio Lower Upper
43 100
72 26.7 20.4 30.6



#26
2,2-Dichloropropane
Concen: 21.838 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 77 Resp: 71109
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 22.306 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.018 min

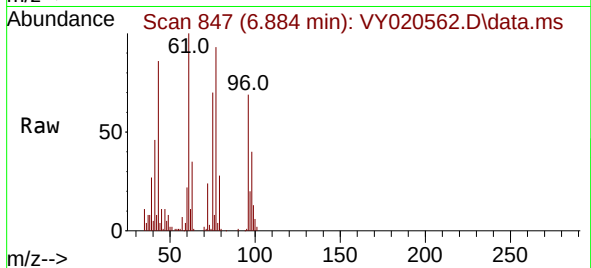
Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

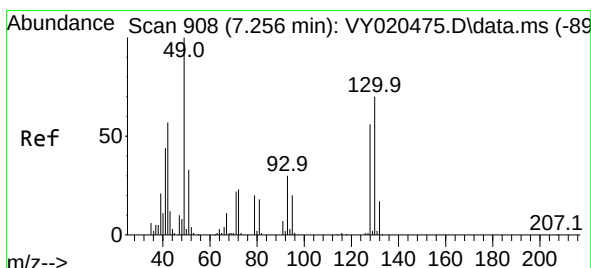
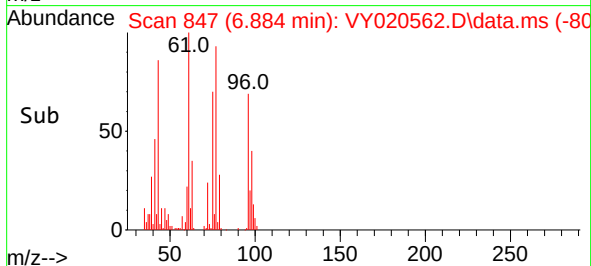
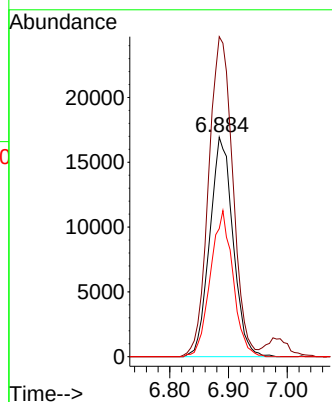
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 96	Resp: 46644
Ion Ratio	Lower Upper
96	100
61	151.6 0.0 312.4
98	64.5 0.0 126.8



#28

Bromochloromethane

Concen: 20.916 ug/l

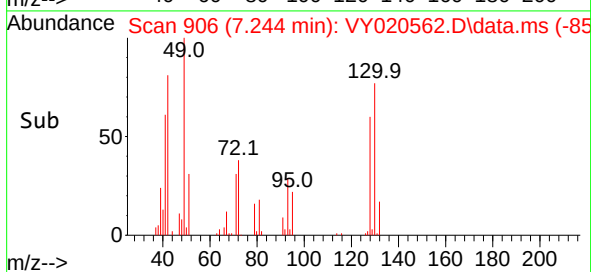
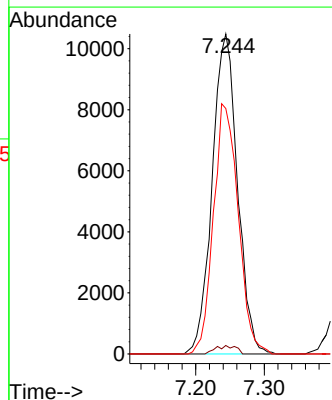
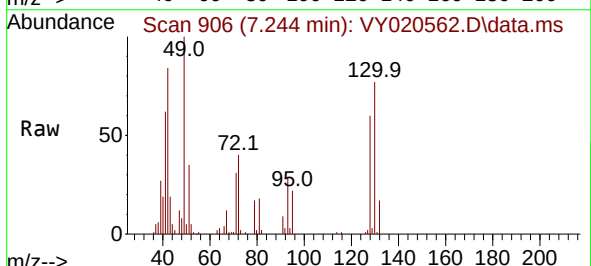
RT: 7.244 min Scan# 906

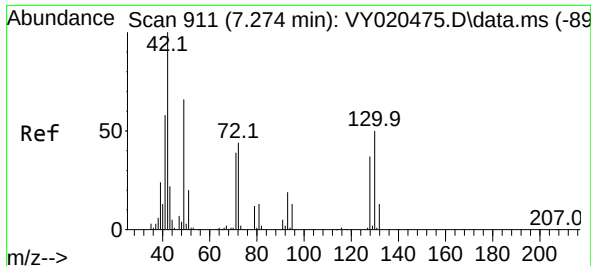
Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Tgt Ion: 49	Resp: 26890
Ion Ratio	Lower Upper
49	100
129	2.1 0.0 4.0
130	76.5 55.0 82.6





#29

Tetrahydrofuran

Concen: 128.904 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.018 min

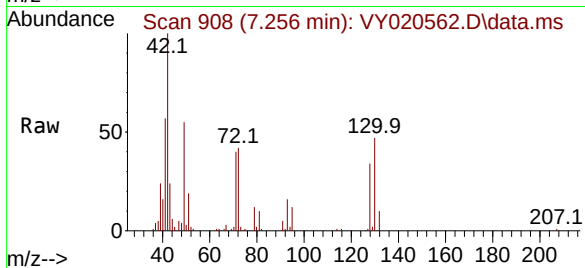
Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

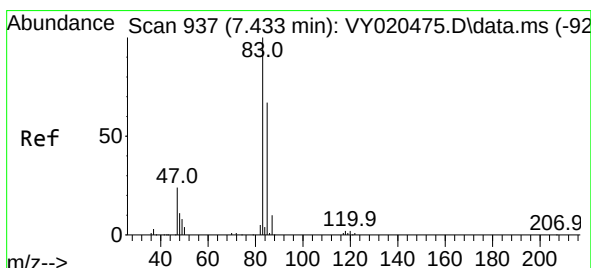
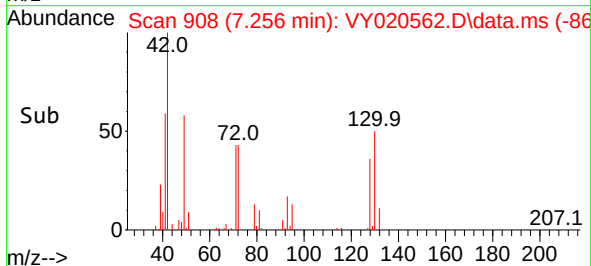
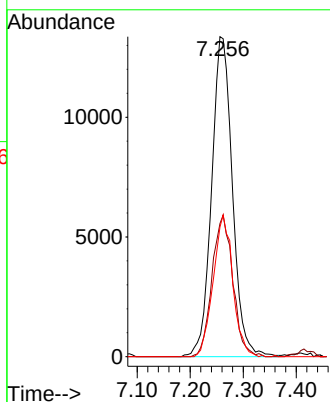
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	36473
Ion Ratio	Lower	Upper	
42	100		
72	44.2	33.4	50.0
71	41.6	31.9	47.9



#30

Chloroform

Concen: 22.677 ug/l

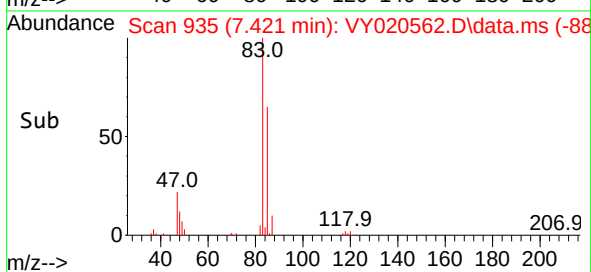
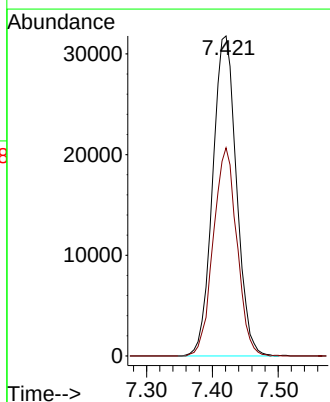
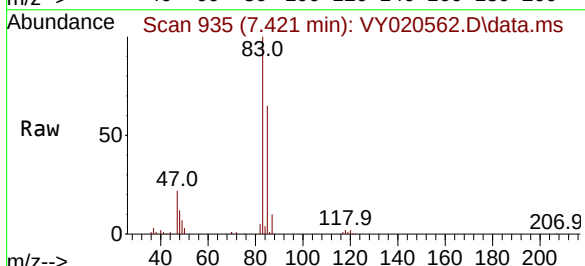
RT: 7.421 min Scan# 935

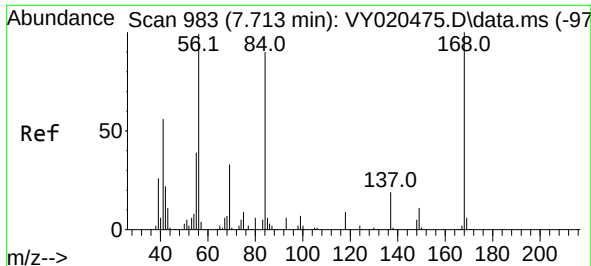
Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

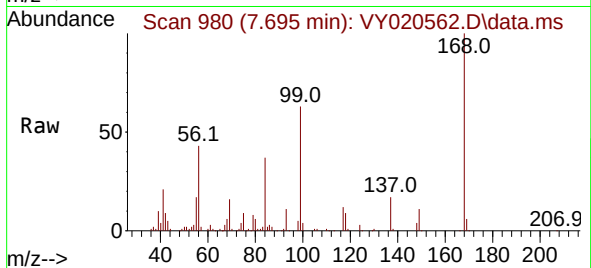
Tgt Ion:	83	Resp:	80124
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.3	75.5



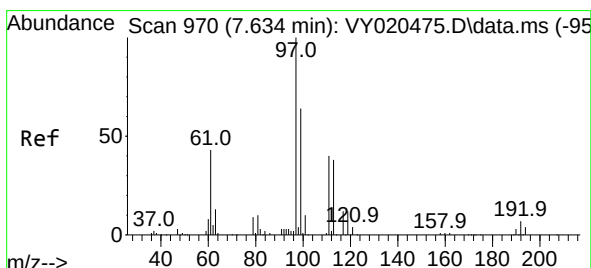
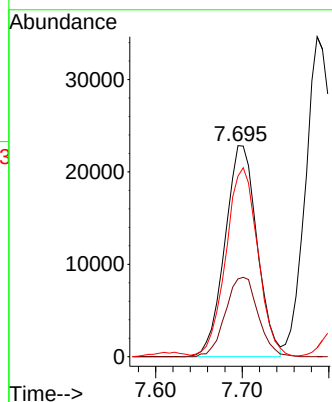
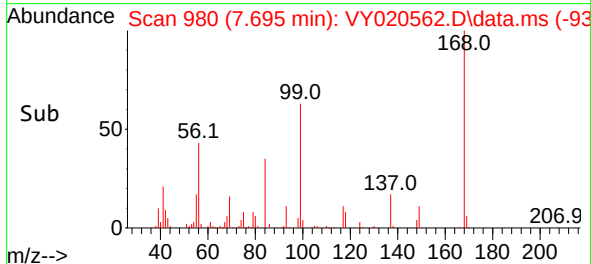


#31
Cyclohexane
Concen: 18.896 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Instrument :
MSVOA_Y
ClientSampleId :

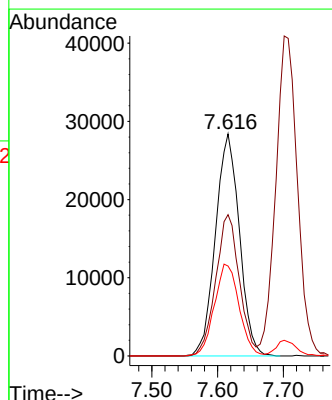
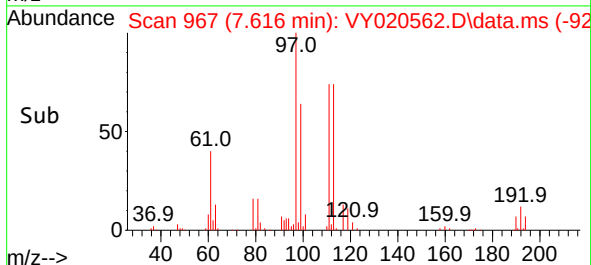
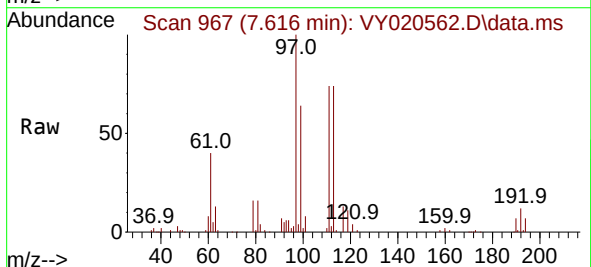


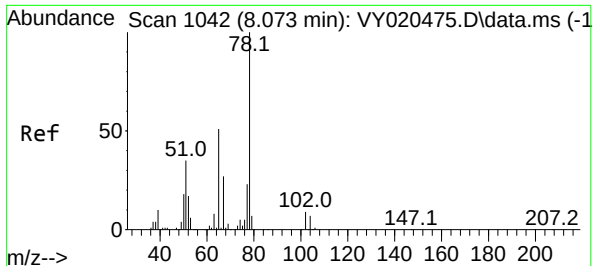
Tgt Ion: 56 Resp: 58812
Ion Ratio Lower Upper
56 100
69 36.8 25.3 37.9
84 84.0 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 21.137 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 97 Resp: 71911
Ion Ratio Lower Upper
97 100
99 62.8 51.8 77.6
61 42.7 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 54.771 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

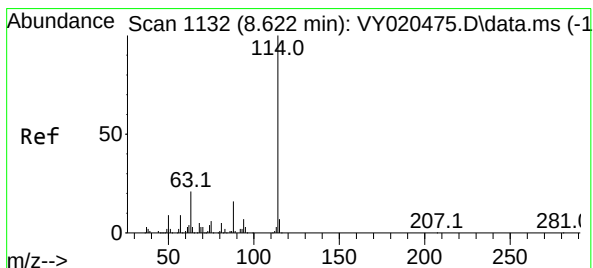
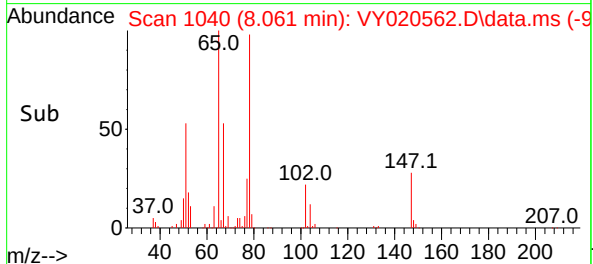
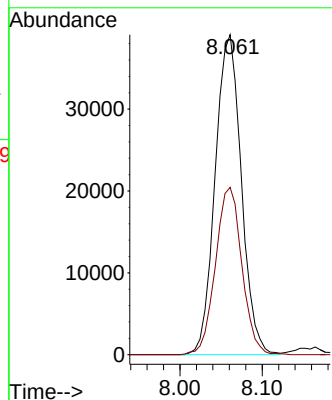
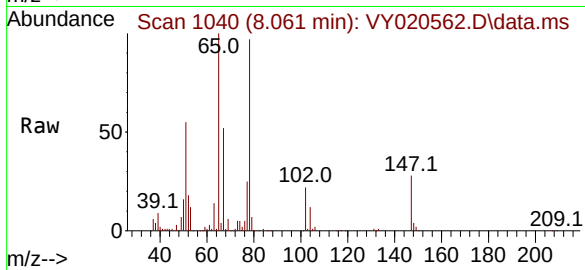
ClientSampleId :

Tgt Ion: 65 Resp: 86519

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

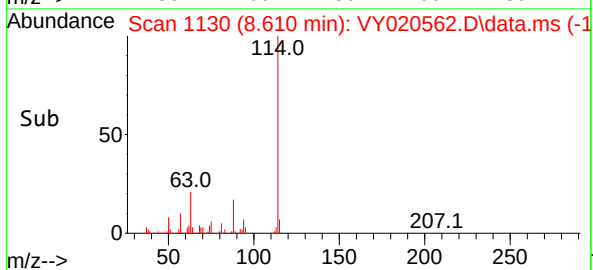
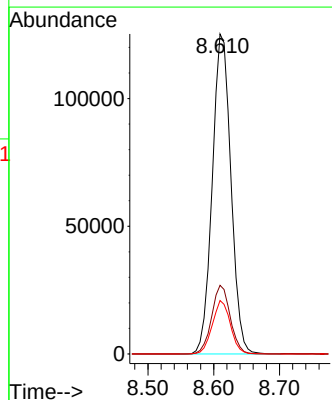
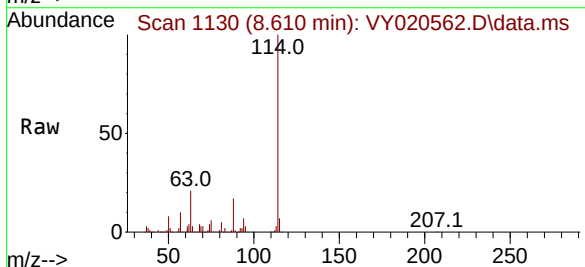
Tgt Ion: 114 Resp: 247103

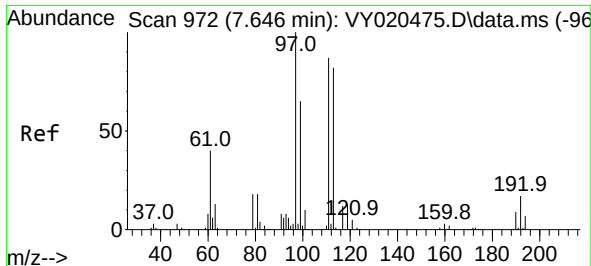
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.8

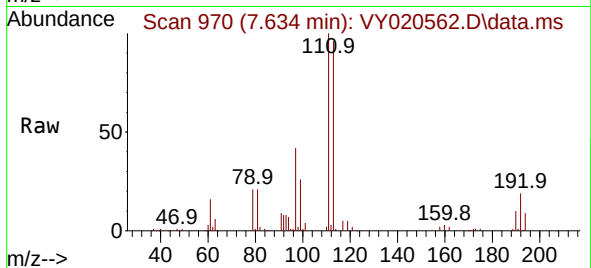
88 16.7 0.0 32.0



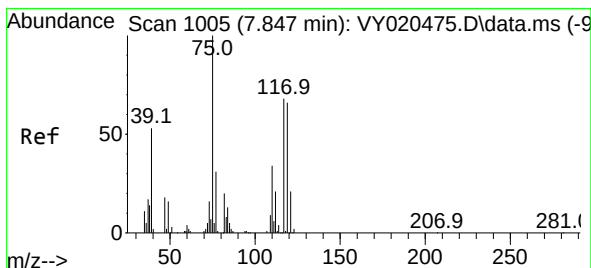
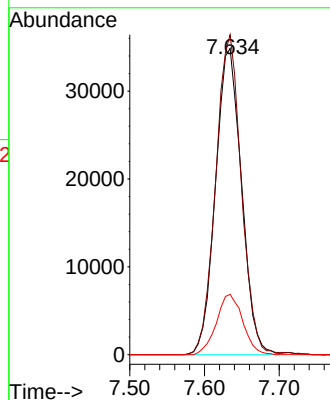
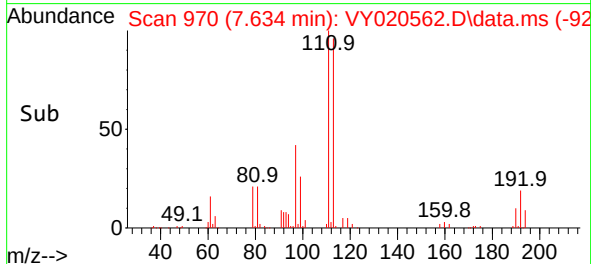


#35
Dibromofluoromethane
Concen: 54.237 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

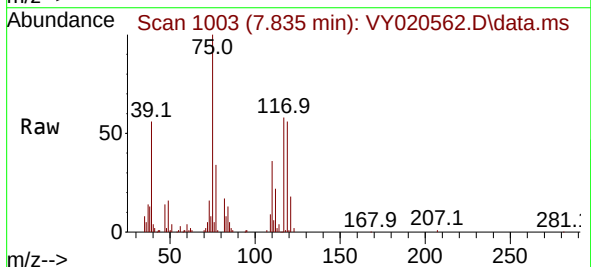
Instrument :
MSVOA_Y
ClientSampleId :



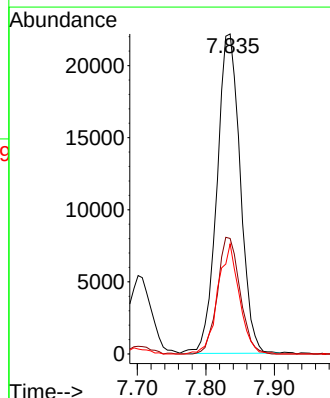
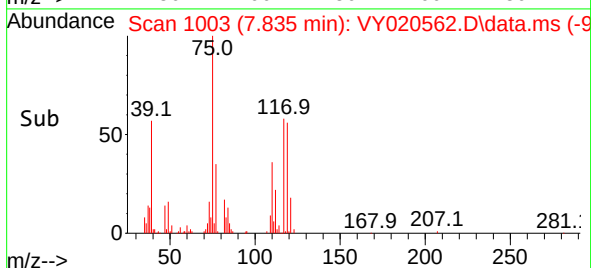
Tgt Ion:113 Resp: 84373
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 19.9 15.1 22.7

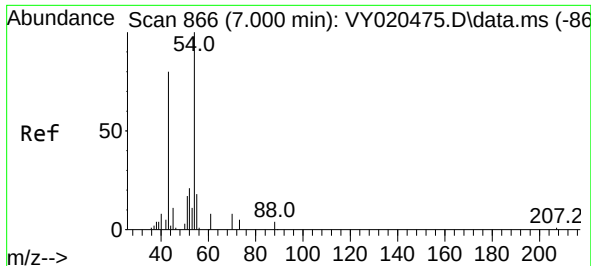


#36
1,1-Dichloropropene
Concen: 19.854 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54



Tgt Ion: 75 Resp: 52156
Ion Ratio Lower Upper
75 100
110 35.4 16.7 50.0
77 31.9 24.6 36.8





#37

Ethyl Acetate

Concen: 24.907 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.024 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

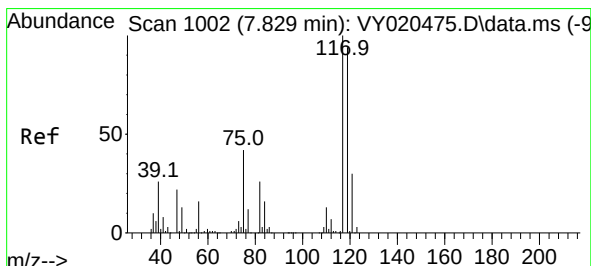
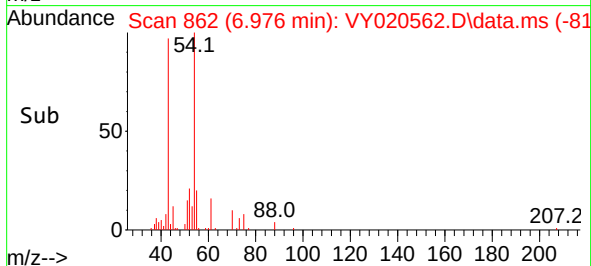
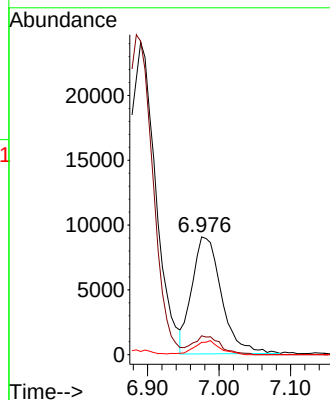
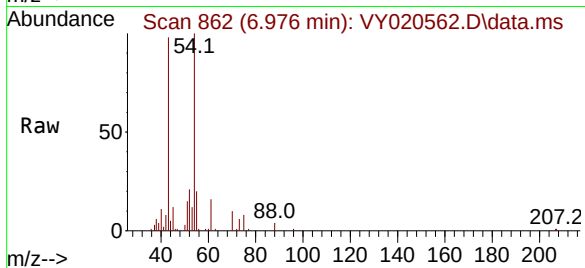
Tgt Ion: 43 Resp: 25922

Ion Ratio Lower Upper

43 100

61 14.8 10.7 16.1

70 10.4 7.3 10.9



#38

Carbon Tetrachloride

Concen: 20.492 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.018 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

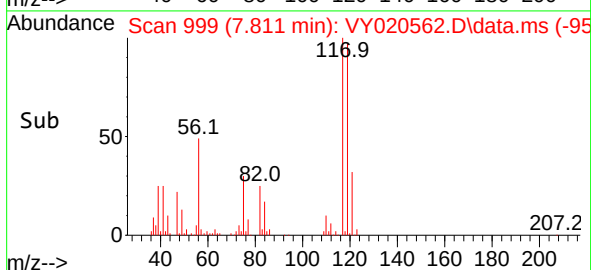
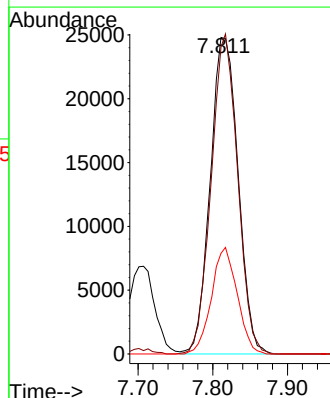
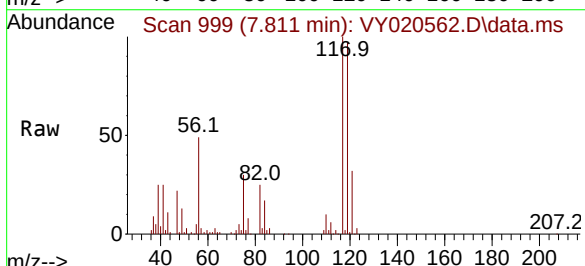
Tgt Ion: 117 Resp: 64251

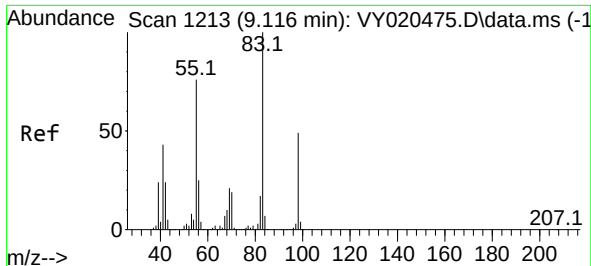
Ion Ratio Lower Upper

117 100

119 97.0 77.8 116.6

121 31.8 24.6 37.0





#39

Methylcyclohexane

Concen: 18.715 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

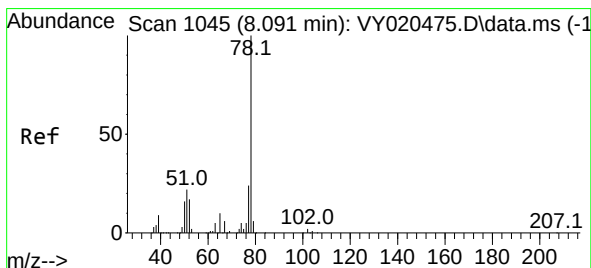
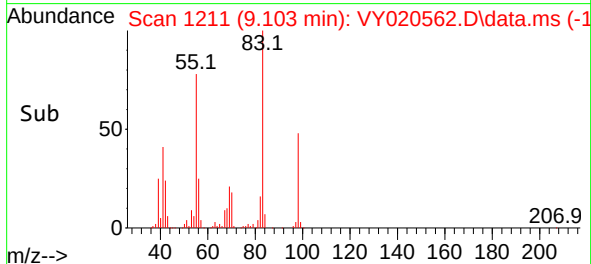
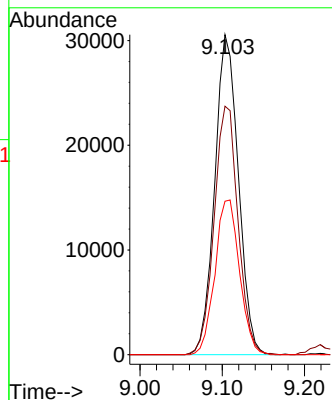
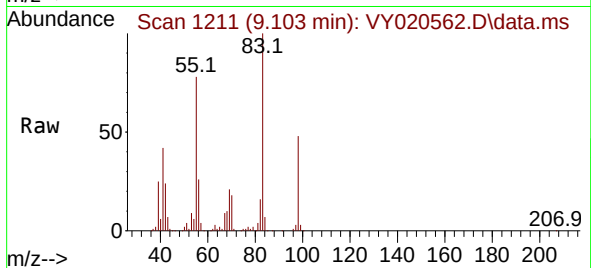
Tgt Ion: 83 Resp: 61008

Ion Ratio Lower Upper

83 100

55 77.6 62.6 93.8

98 47.9 37.0 55.4



#40

Benzene

Concen: 21.117 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.012 min

Lab File: VY020562.D

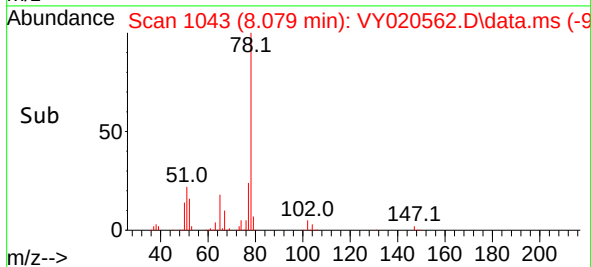
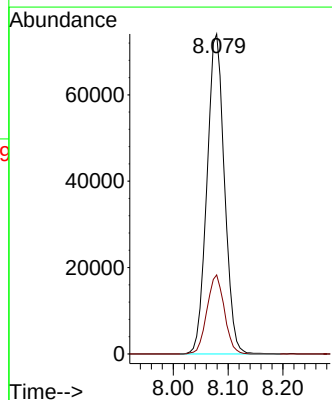
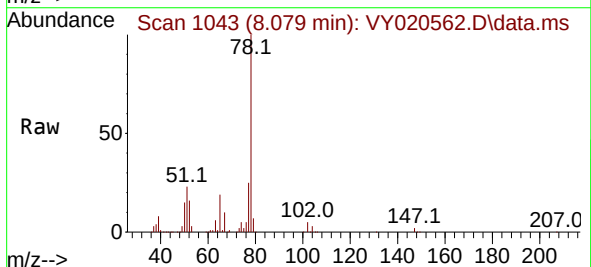
Acq: 10 Dec 2024 11:54

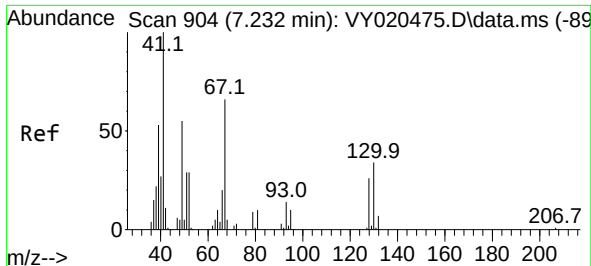
Tgt Ion: 78 Resp: 163562

Ion Ratio Lower Upper

78 100

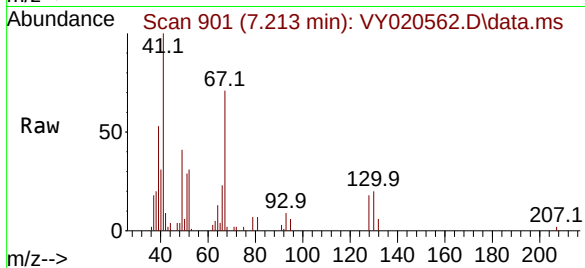
77 24.7 19.4 29.0



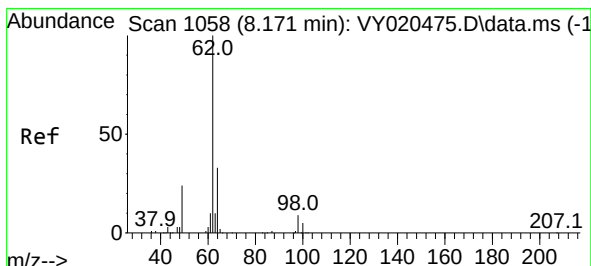
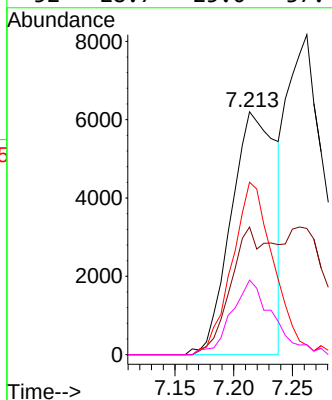
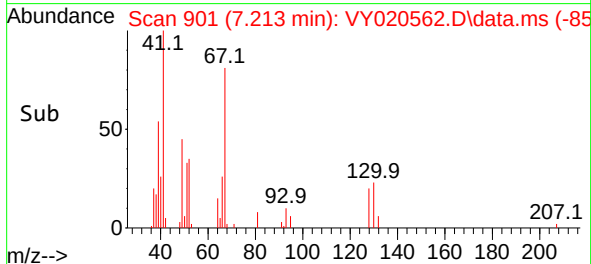


#41
Methacrylonitrile
Concen: 27.812 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

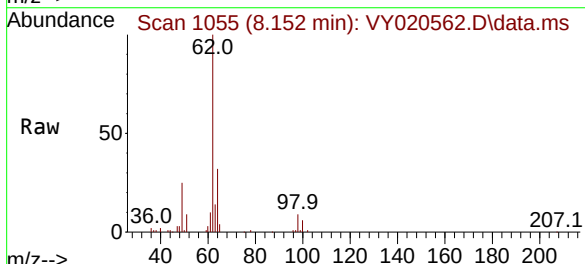
Instrument :
MSVOA_Y
ClientSampleId :



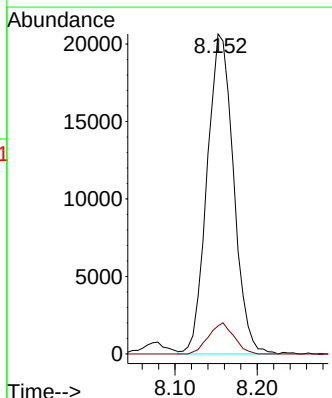
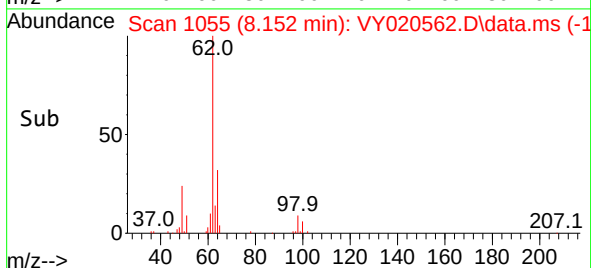
Tgt Ion:	41	Resp:	16455
Ion	Ratio	Lower	Upper
41	100		
39	38.1	49.0	73.4
67	66.7	57.1	85.7
52	28.7	25.0	37.4

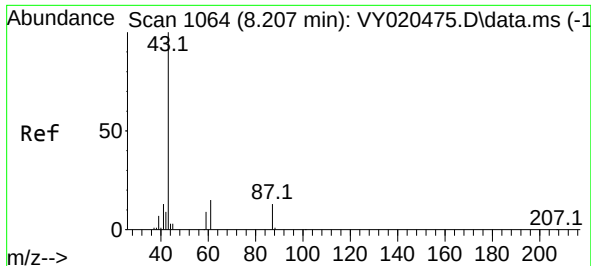


#42
1,2-Dichloroethane
Concen: 22.716 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.018 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54



Tgt Ion:	62	Resp:	46231
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

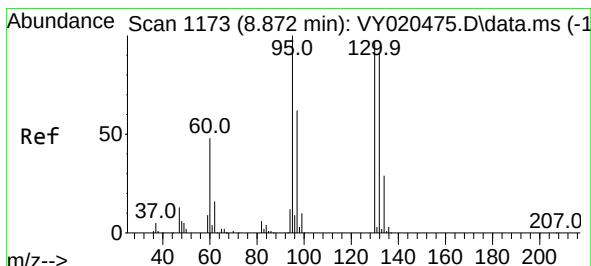
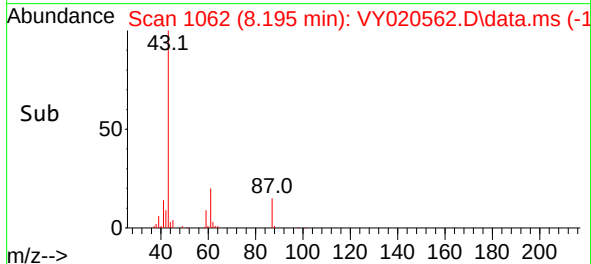
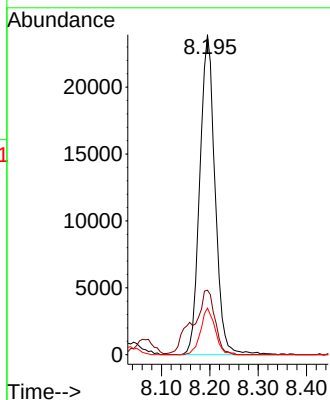
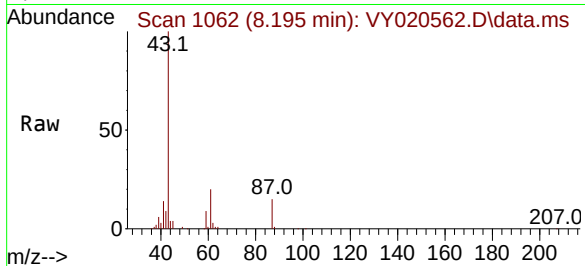




#43
Isopropyl Acetate
Concen: 24.875 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

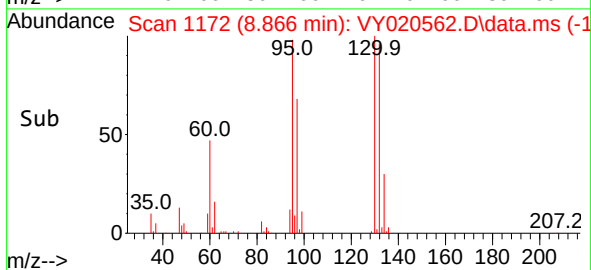
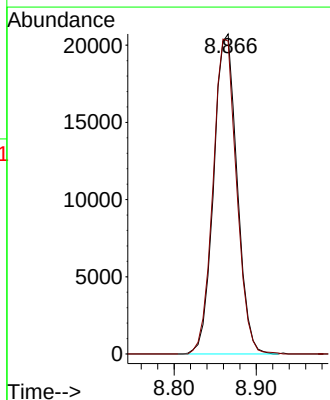
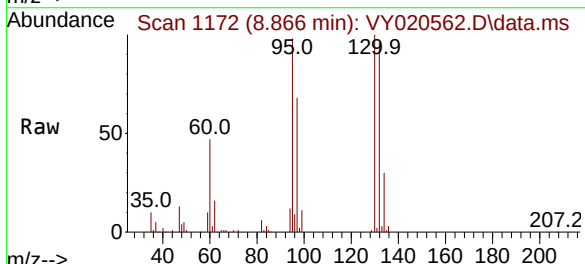
Instrument :
MSVOA_Y
ClientSampleId :

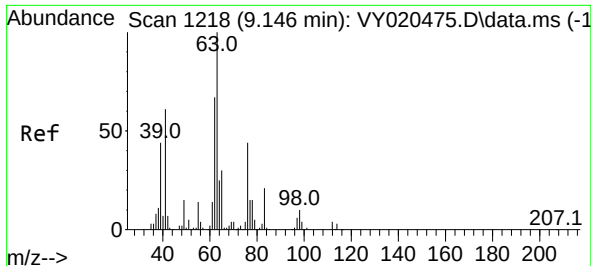
Tgt Ion: 43 Resp: 52277
Ion Ratio Lower Upper
43 100
61 29.3 22.8 34.2
87 13.8 9.6 14.4



#44
Trichloroethene
Concen: 21.400 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion:130 Resp: 40861
Ion Ratio Lower Upper
130 100
95 97.8 0.0 204.8





#45

1,2-Dichloropropane

Concen: 22.687 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

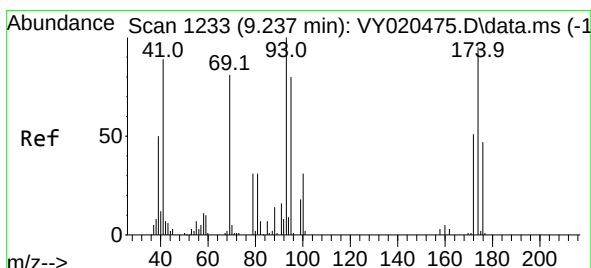
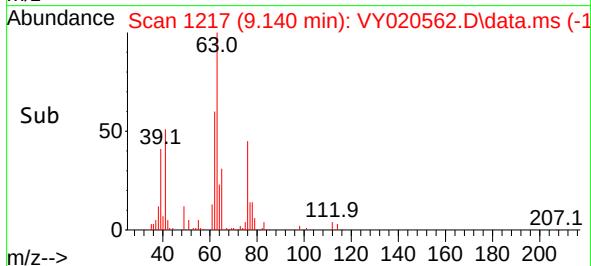
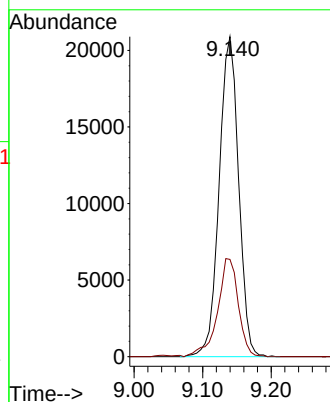
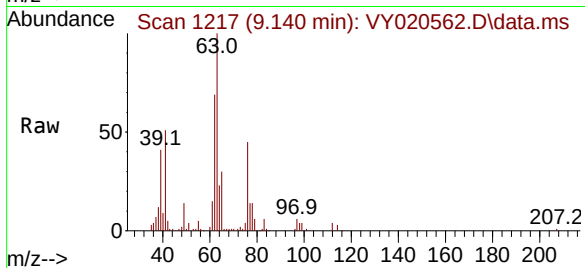
ClientSampleId :

Tgt Ion: 63 Resp: 41120

Ion Ratio Lower Upper

63 100

65 30.4 24.2 36.4



#46

Dibromomethane

Concen: 24.019 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

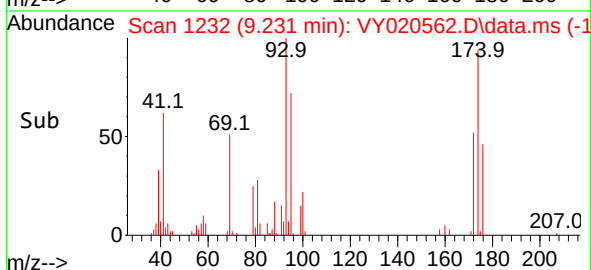
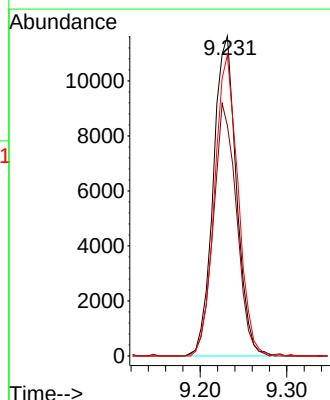
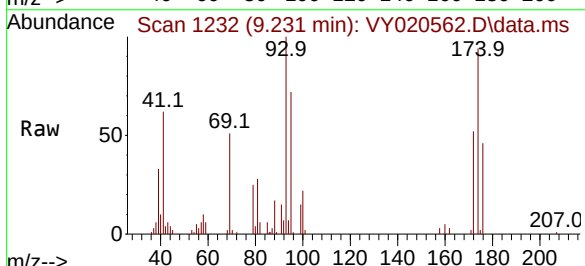
Tgt Ion: 93 Resp: 21555

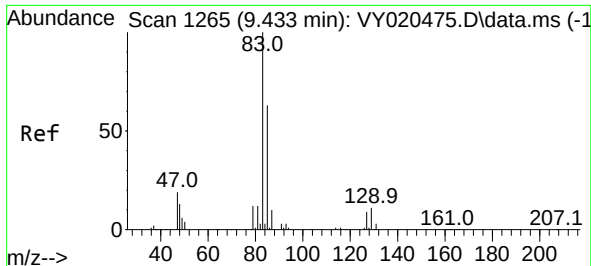
Ion Ratio Lower Upper

93 100

95 79.1 65.3 97.9

174 95.3 74.4 111.6

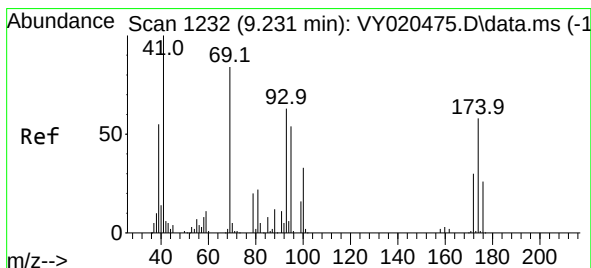
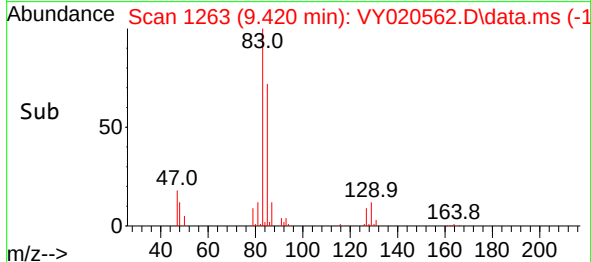
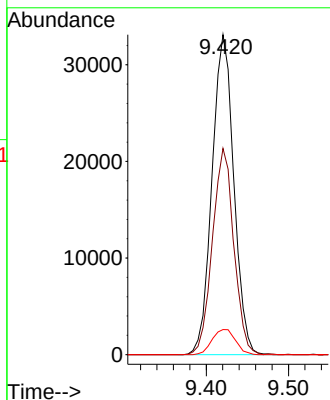
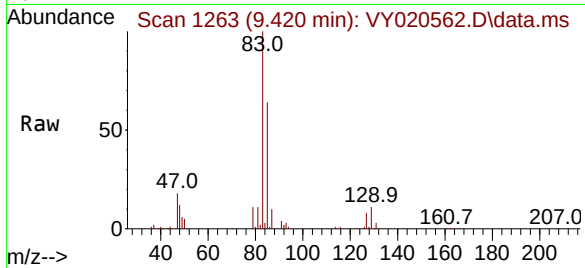




#47
Bromodichloromethane
Concen: 23.014 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

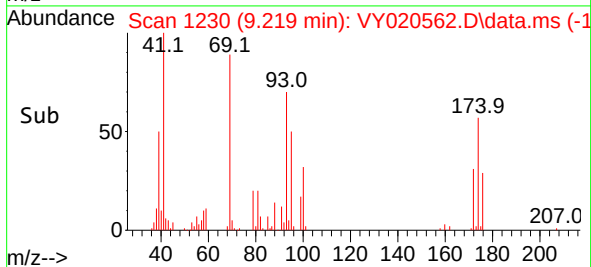
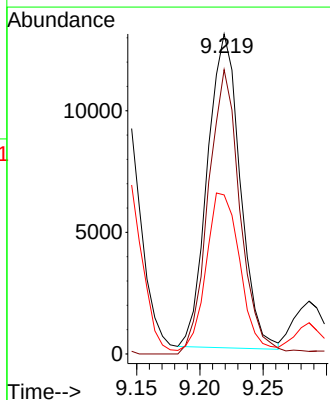
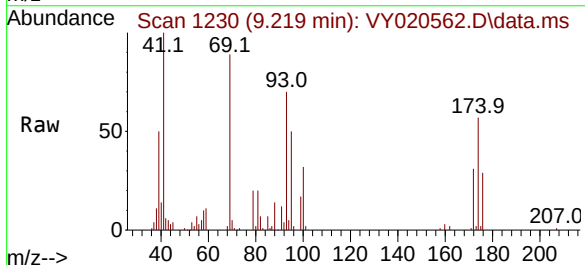
Instrument :
MSVOA_Y
ClientSampleId :

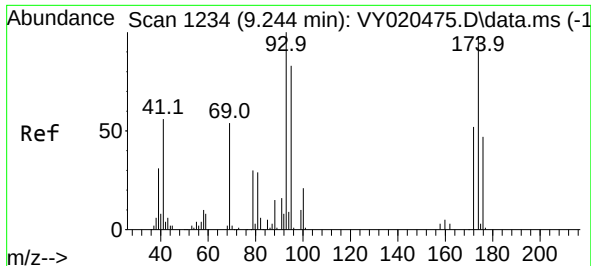
Tgt Ion: 83 Resp: 60850
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.2
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 23.676 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 41 Resp: 23202
Ion Ratio Lower Upper
41 100
69 88.8 66.1 99.1
39 54.0 46.0 69.0





#49

1,4-Dioxane

Concen: 575.079 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min

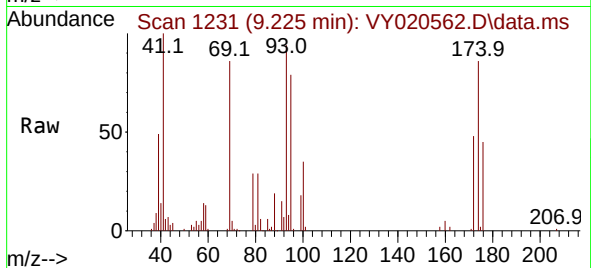
Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

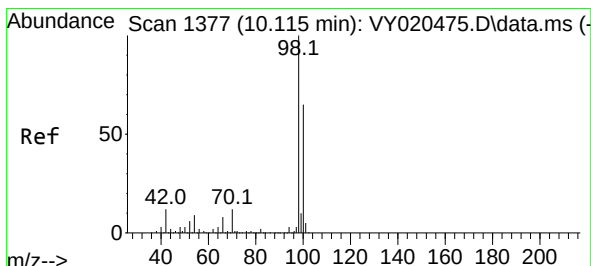
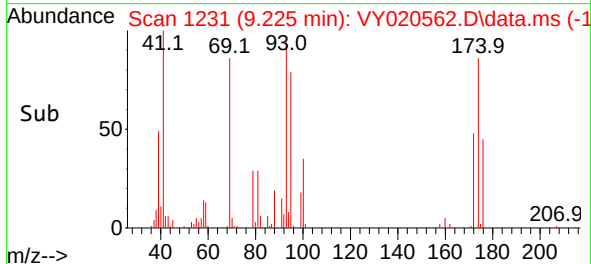
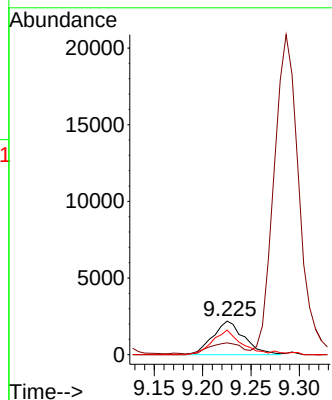
MSVOA_Y

ClientSampleId :



Tgt Ion: 88 Resp: 4933

Ion	Ratio	Lower	Upper
88	100		
43	32.8	24.6	37.0
58	66.2	59.6	89.4



#50

Toluene-d8

Concen: 52.495 ug/l

RT: 10.103 min Scan# 1375

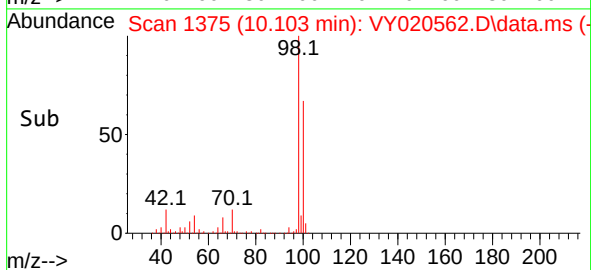
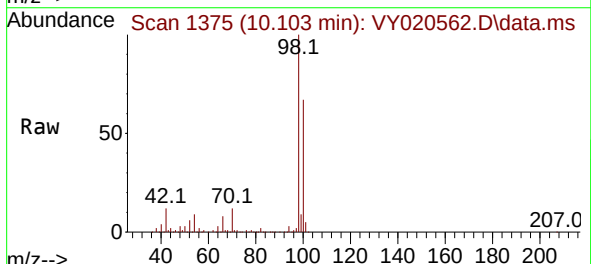
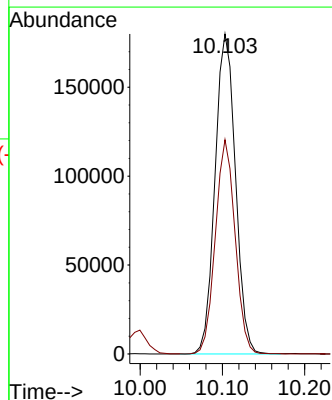
Delta R.T. -0.012 min

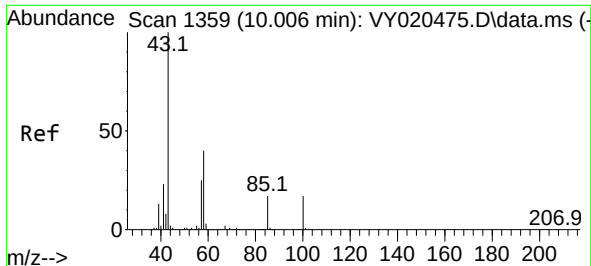
Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Tgt Ion: 98 Resp: 310958

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.3	76.9

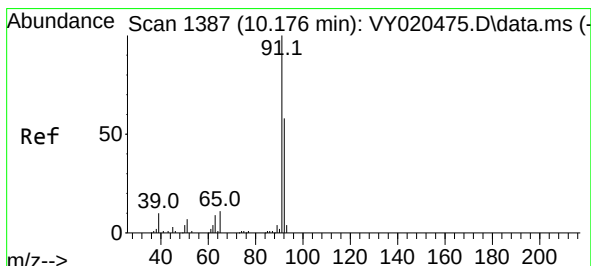
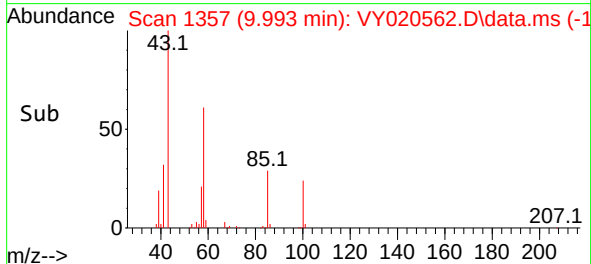
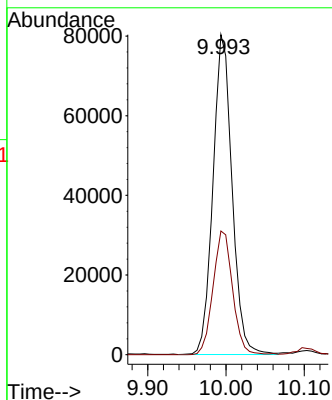
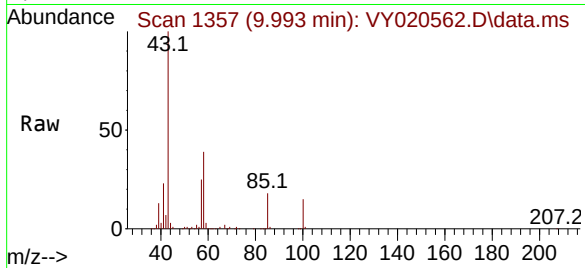




#51
4-Methyl-2-Pentanone
Concen: 131.139 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

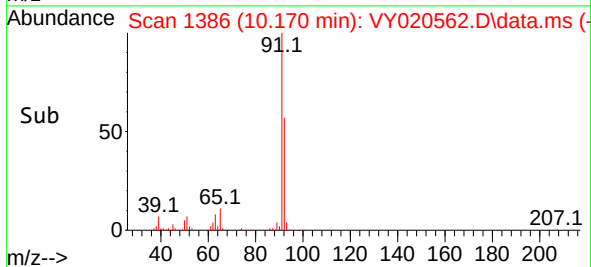
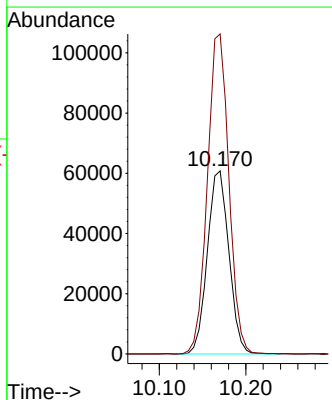
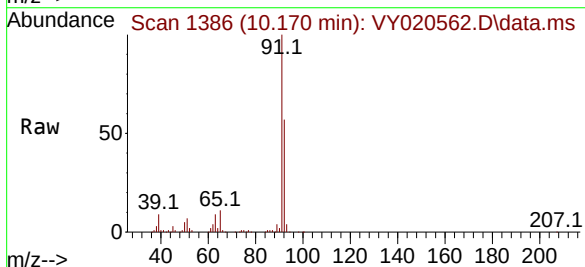
Instrument :
MSVOA_Y
ClientSampleId :

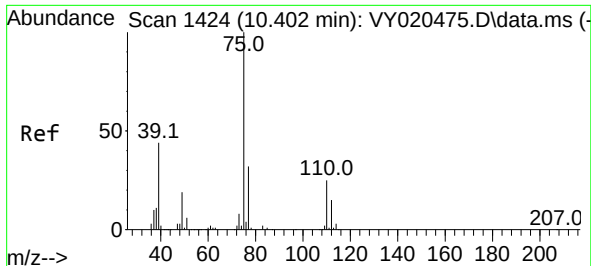
Tgt Ion: 43 Resp: 136105
Ion Ratio Lower Upper
43 100
58 39.6 30.9 46.3



#52
Toluene
Concen: 21.735 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 92 Resp: 105037
Ion Ratio Lower Upper
92 100
91 174.4 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 22.780 ug/l

RT: 10.390 min Scan# 1424

Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

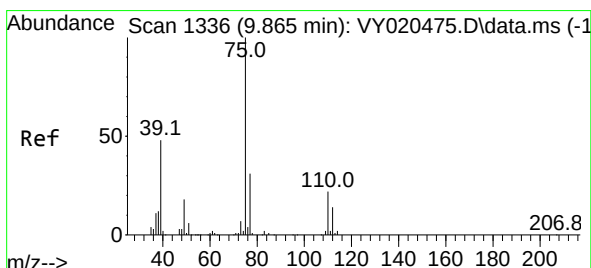
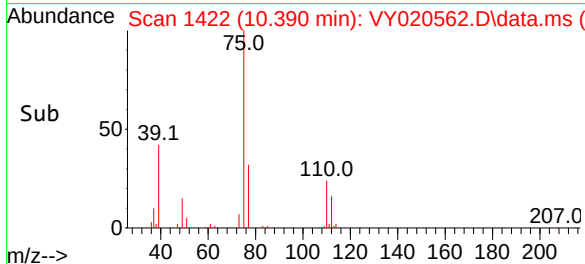
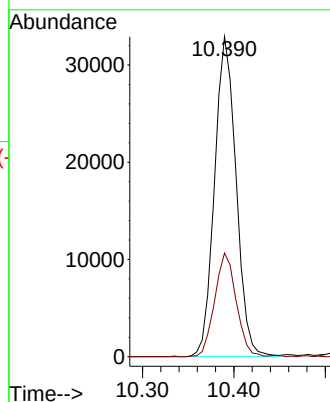
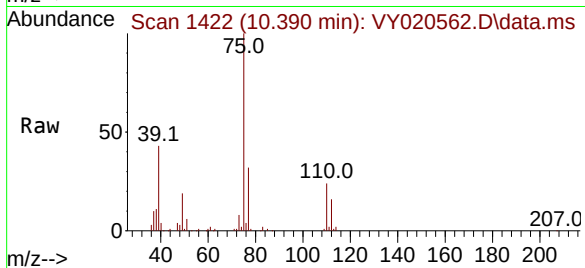
ClientSampleId :

Tgt Ion: 75 Resp: 54073

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 22.760 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

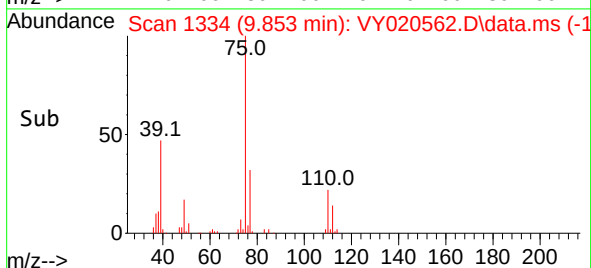
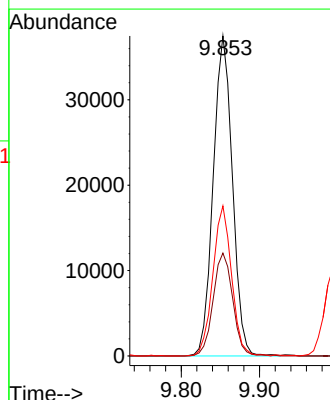
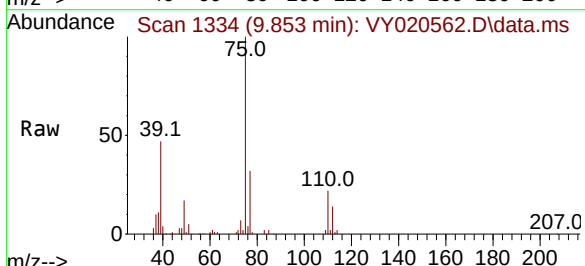
Tgt Ion: 75 Resp: 63848

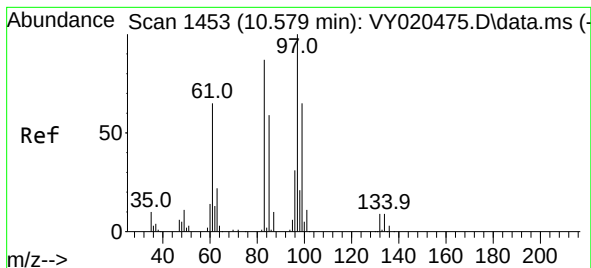
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

39 46.9 41.0 61.6

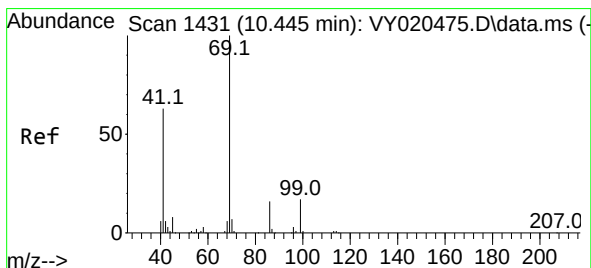
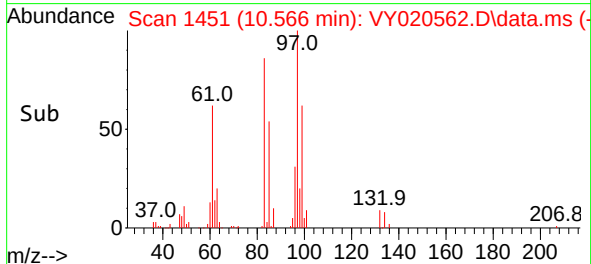
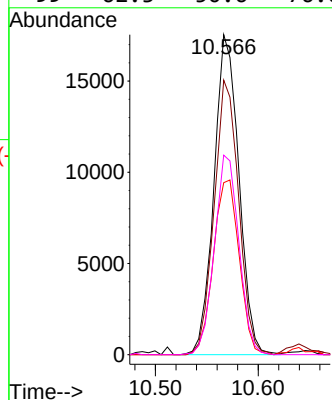
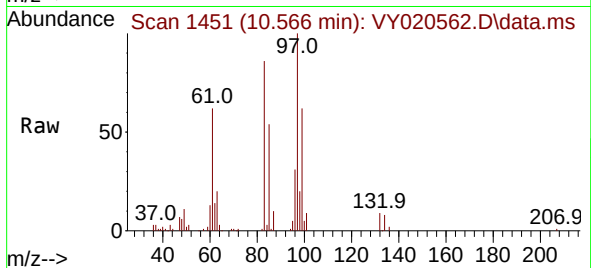




#55
1,1,2-Trichloroethane
Concen: 24.714 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

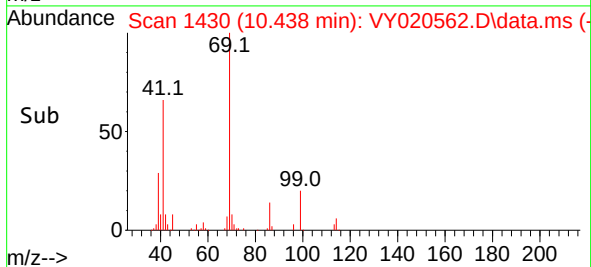
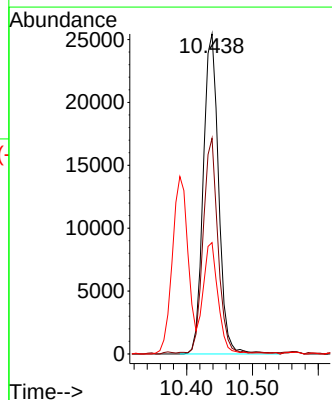
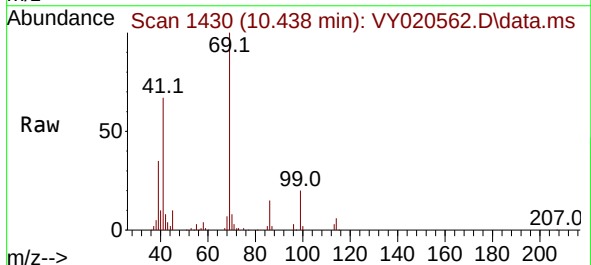
Instrument :
MSVOA_Y
ClientSampleId :

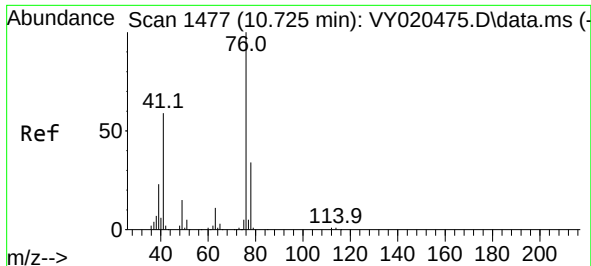
Tgt Ion: 97	Resp: 29585
Ion Ratio	Lower Upper
97 100	
83 85.8	70.8 106.2
85 53.7	44.9 67.3
99 62.3	50.6 76.0



#56
Ethyl methacrylate
Concen: 24.330 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 69	Resp: 41211
Ion Ratio	Lower Upper
69 100	
41 64.6	56.1 84.1
39 33.2	29.7 44.5





#57

1,3-Dichloropropane

Concen: 23.819 ug/l

RT: 10.713 min Scan# 1477

Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

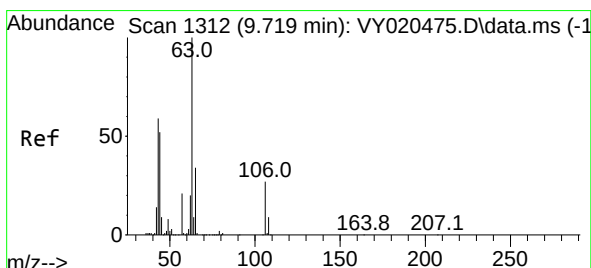
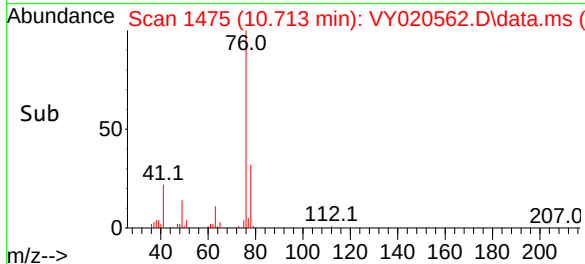
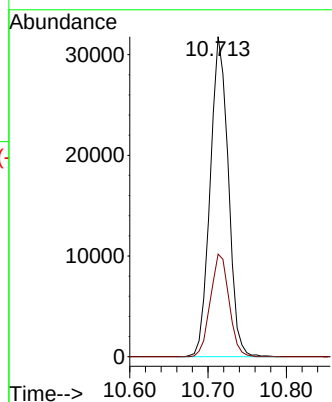
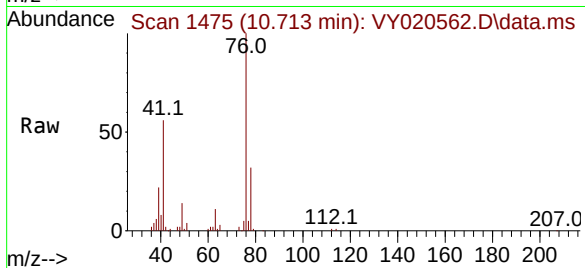
ClientSampleId :

Tgt Ion: 76 Resp: 51060

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 105.188 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.012 min

Lab File: VY020562.D

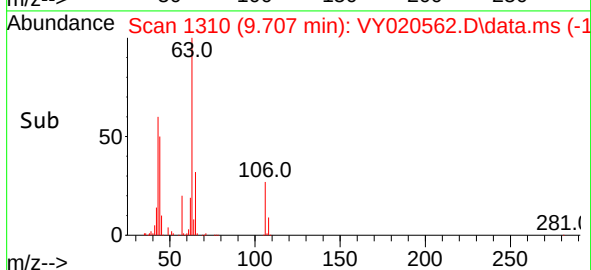
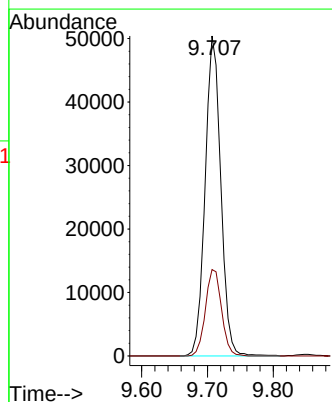
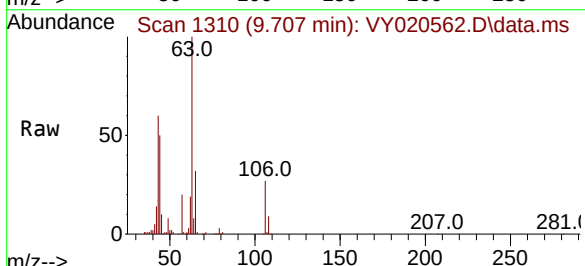
Acq: 10 Dec 2024 11:54

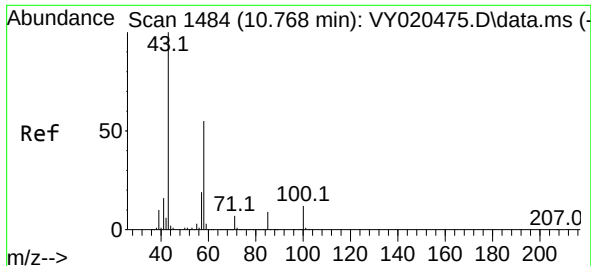
Tgt Ion: 63 Resp: 83421

Ion Ratio Lower Upper

63 100

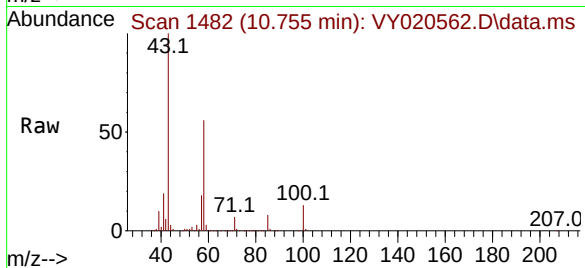
106 27.7 21.0 31.4



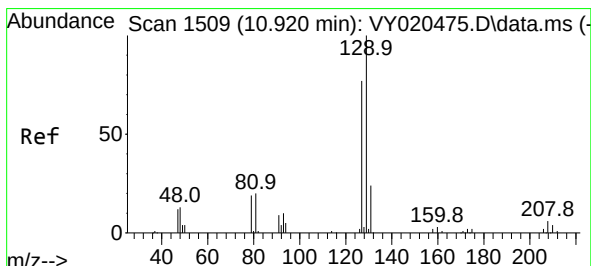
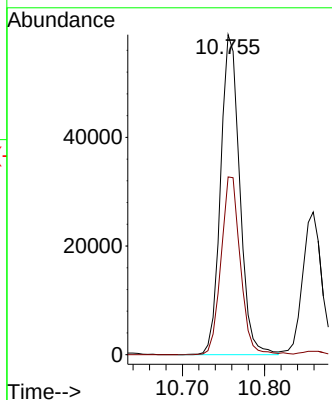
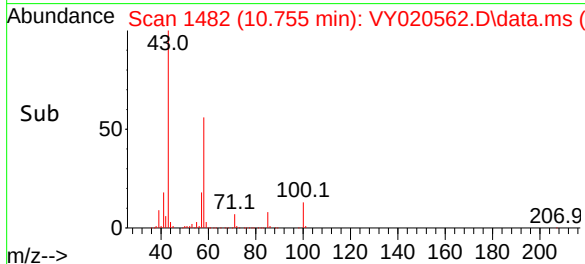


#59
2-Hexanone
Concen: 127.295 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Instrument :
MSVOA_Y
ClientSampleId :

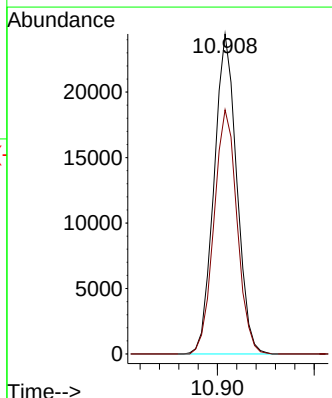
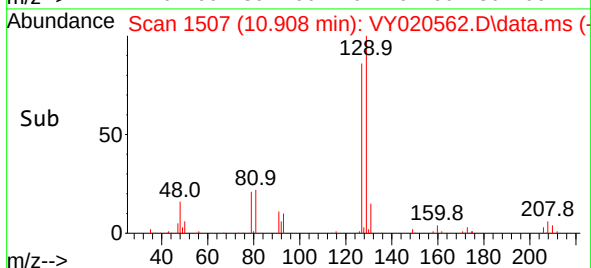
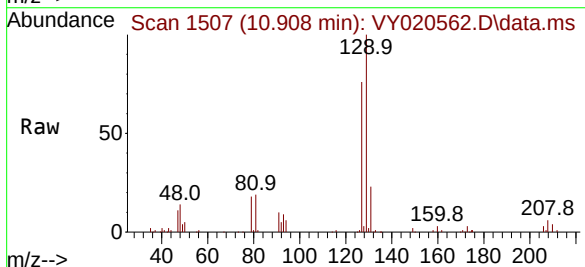


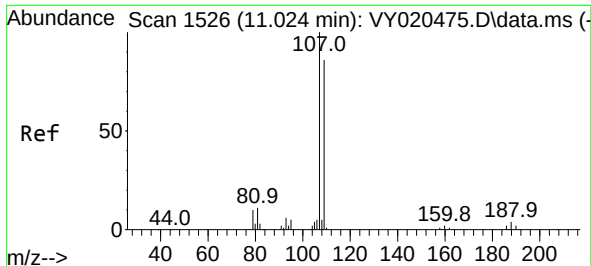
Tgt Ion: 43 Resp: 95309
Ion Ratio Lower Upper
43 100
58 56.0 26.4 79.2



#60
Dibromochloromethane
Concen: 23.856 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion:129 Resp: 39760
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9

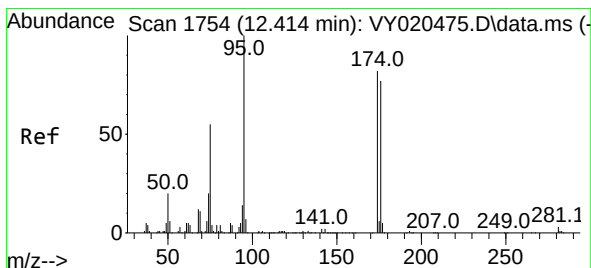
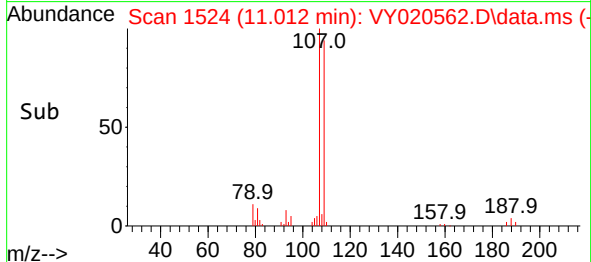
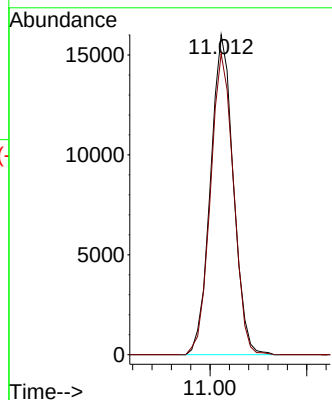
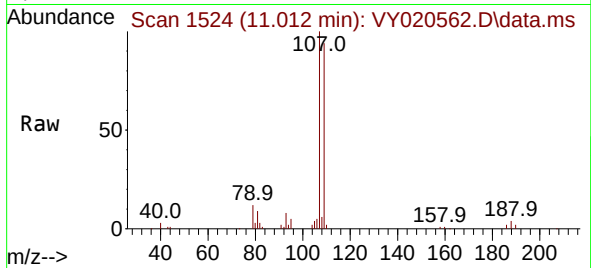




#61
1,2-Dibromoethane
Concen: 24.008 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

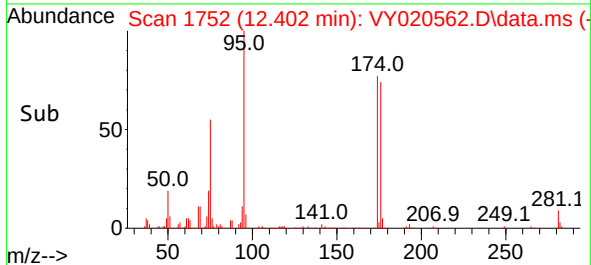
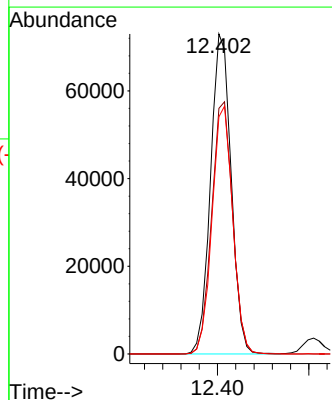
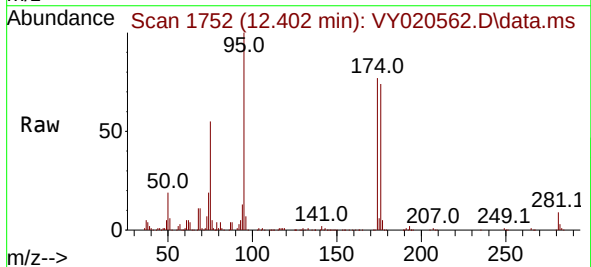
Instrument :
MSVOA_Y
ClientSampleId :

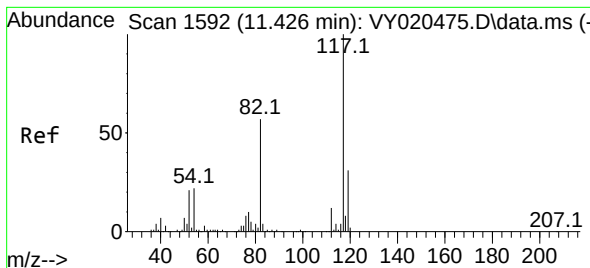
Tgt Ion:107 Resp: 26282
Ion Ratio Lower Upper
107 100
109 94.7 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 55.012 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 95 Resp: 113971
Ion Ratio Lower Upper
95 100
174 80.2 0.0 156.8
176 77.9 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

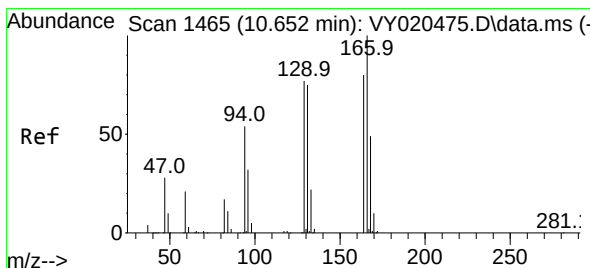
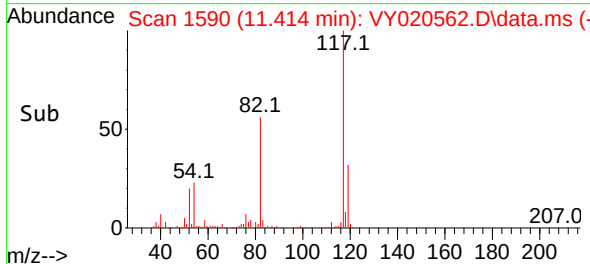
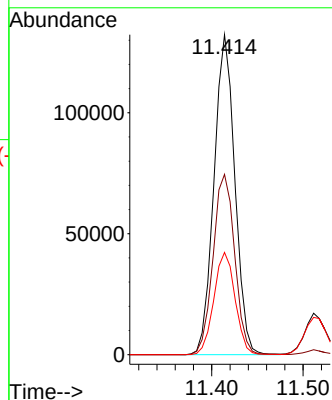
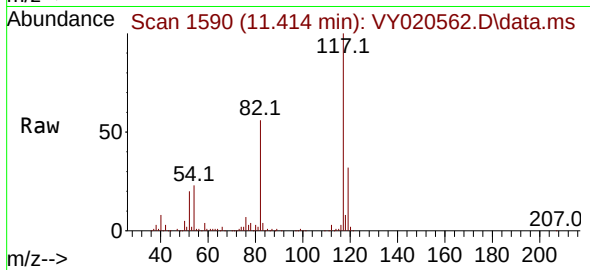
Tgt Ion:117 Resp: 209823

Ion Ratio Lower Upper

117 100

82 56.3 48.2 72.4

119 31.9 25.8 38.8



#64

Tetrachloroethene

Concen: 20.188 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Tgt Ion:164 Resp: 35792

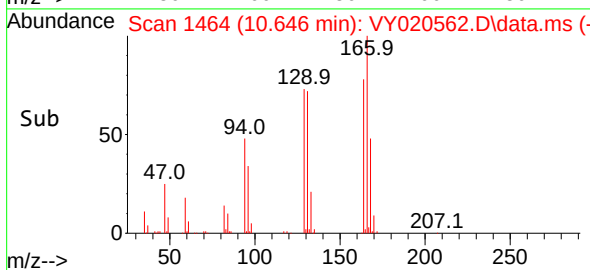
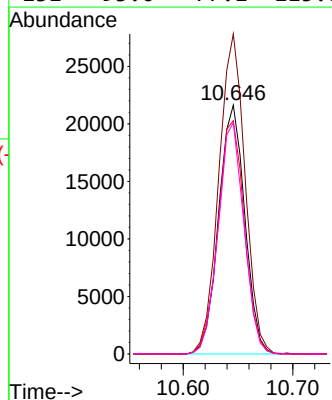
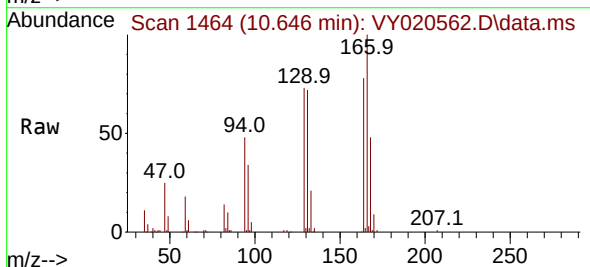
Ion Ratio Lower Upper

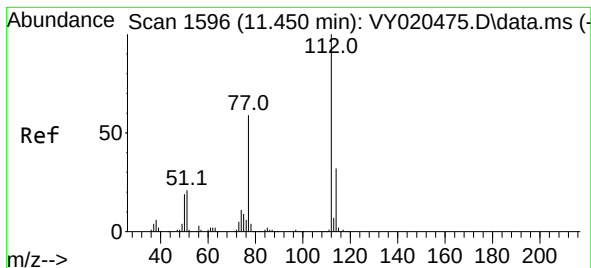
164 100

166 128.6 103.8 155.8

129 93.8 79.0 118.4

131 93.0 77.1 115.7





#65

Chlorobenzene

Concen: 21.716 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

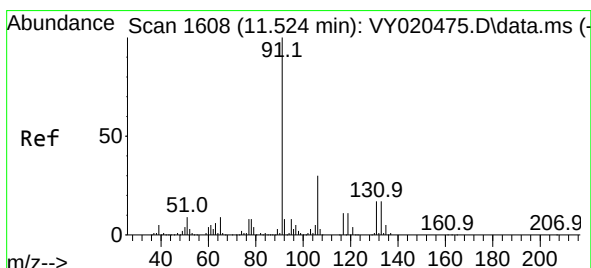
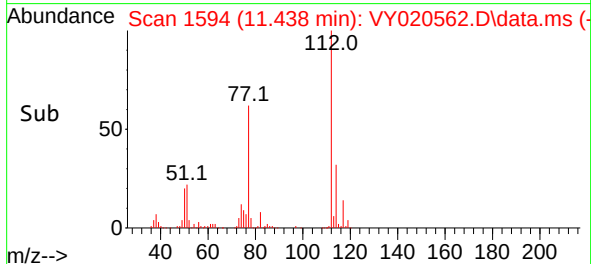
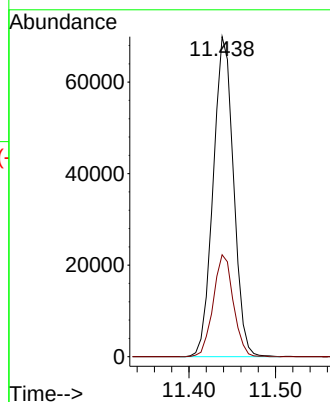
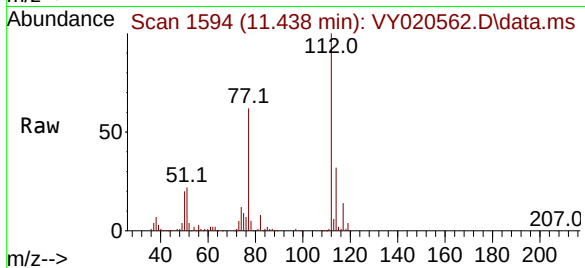
ClientSampleId :

Tgt Ion:112 Resp: 114212

Ion Ratio Lower Upper

112 100

114 31.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 22.322 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

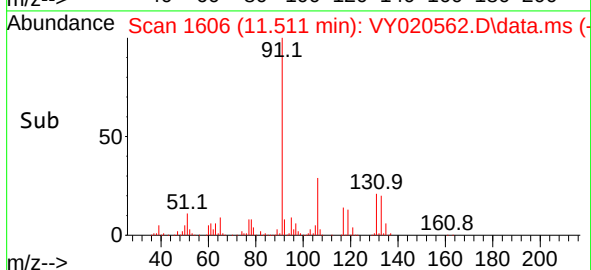
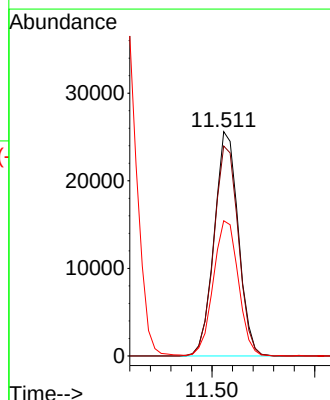
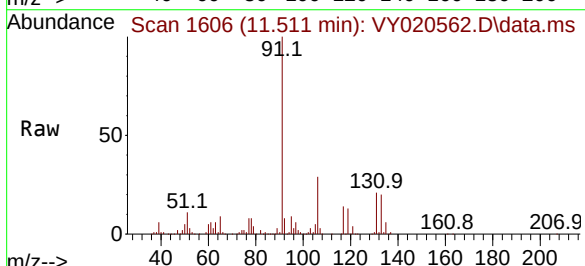
Tgt Ion:131 Resp: 41635

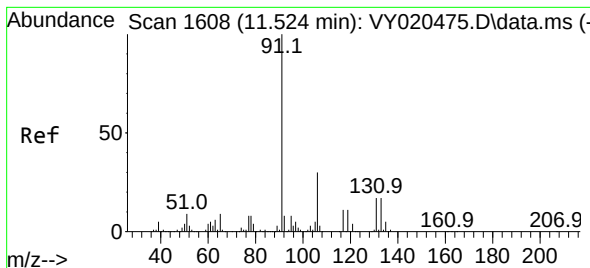
Ion Ratio Lower Upper

131 100

133 95.4 47.8 143.3

119 62.8 32.5 97.5





#67

Ethyl Benzene

Concen: 21.240 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

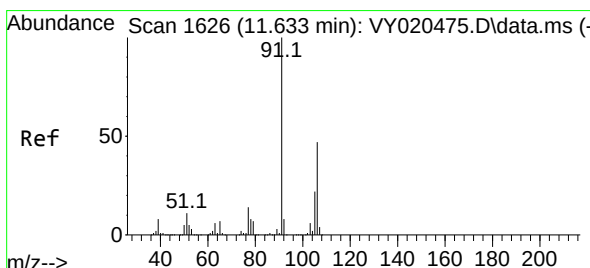
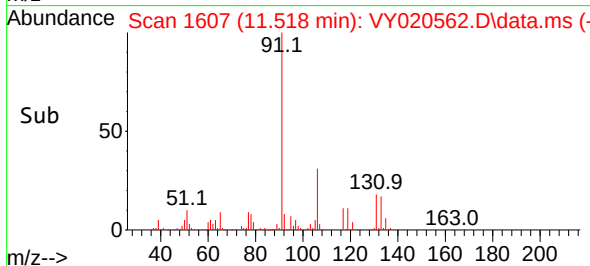
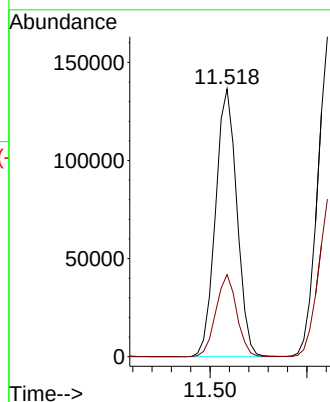
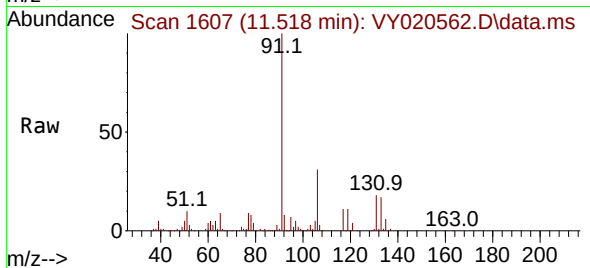
ClientSampleId :

Tgt Ion: 91 Resp: 209383

Ion Ratio Lower Upper

91 100

106 30.7 23.9 35.9



#68

m/p-Xylenes

Concen: 42.535 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020562.D

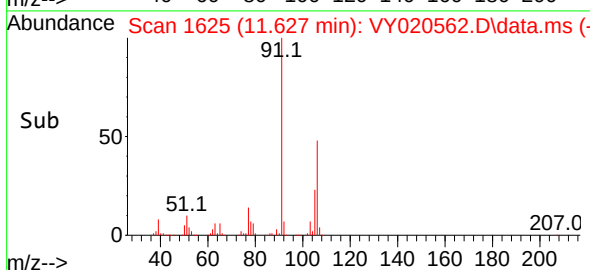
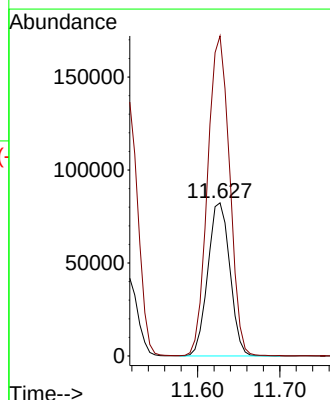
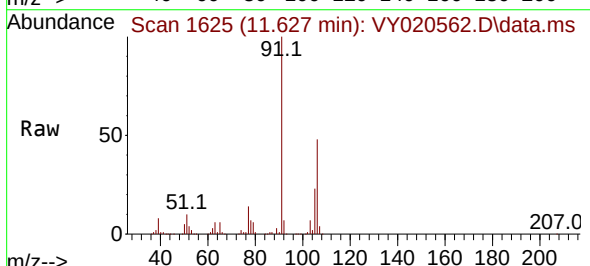
Acq: 10 Dec 2024 11:54

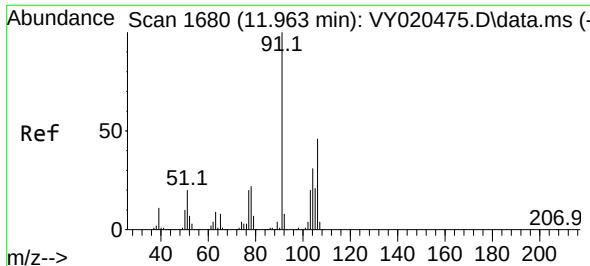
Tgt Ion:106 Resp: 153544

Ion Ratio Lower Upper

106 100

91 208.3 166.0 249.0

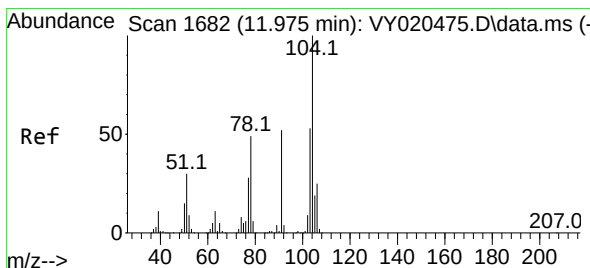
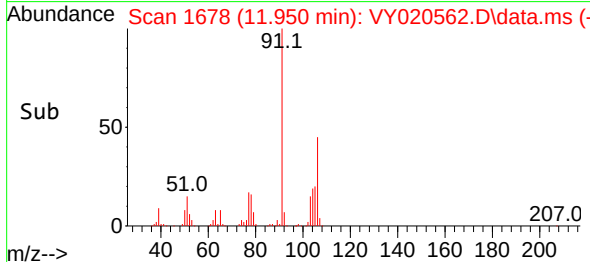
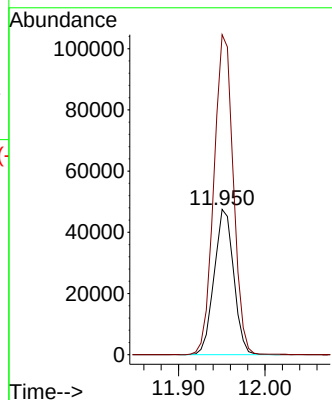
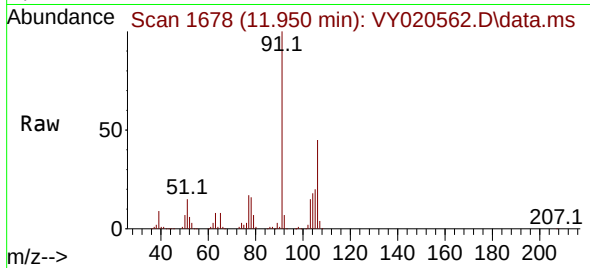




#69
o-Xylene
Concen: 22.012 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

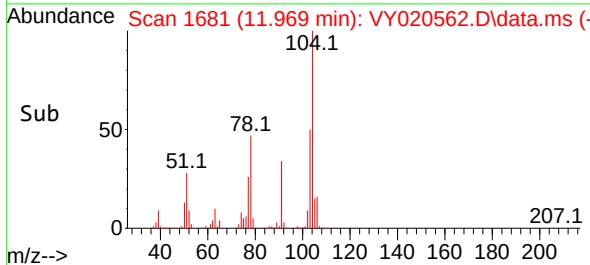
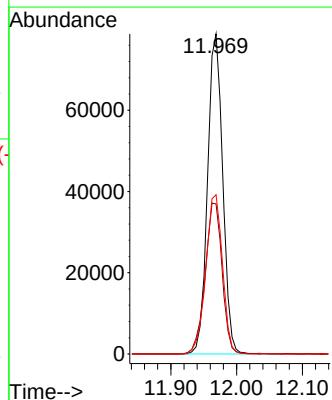
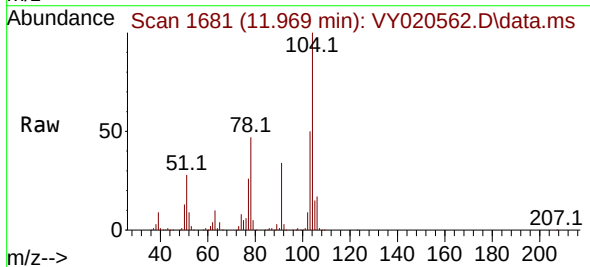
Instrument :
MSVOA_Y
ClientSampleId :

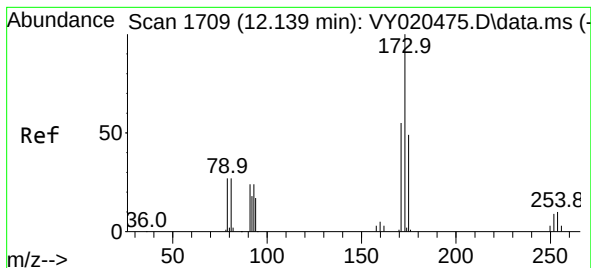
Tgt Ion:106 Resp: 74441
Ion Ratio Lower Upper
106 100
91 219.1 110.0 330.0



#70
Styrene
Concen: 22.413 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion:104 Resp: 126457
Ion Ratio Lower Upper
104 100
78 52.7 41.4 62.2
103 54.6 44.2 66.4





#71

Bromoform

Concen: 24.485 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

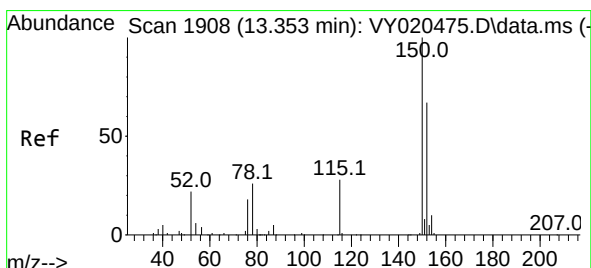
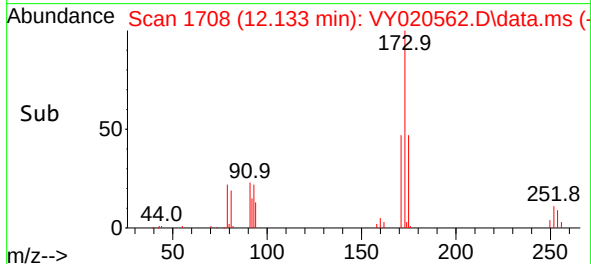
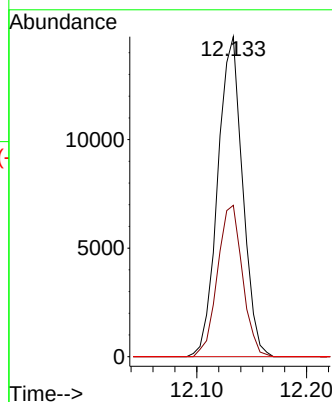
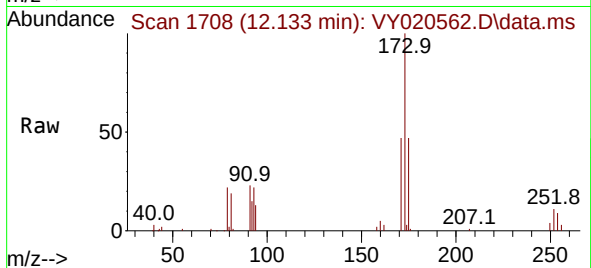
Tgt Ion:173 Resp: 23219

Ion Ratio Lower Upper

173 100

175 47.7 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

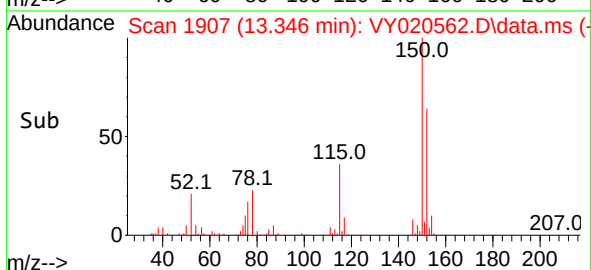
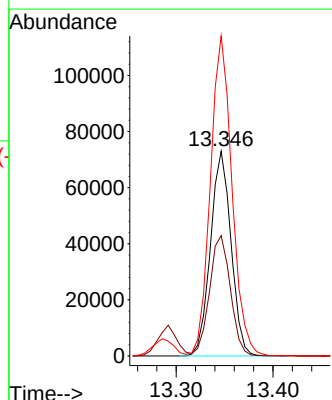
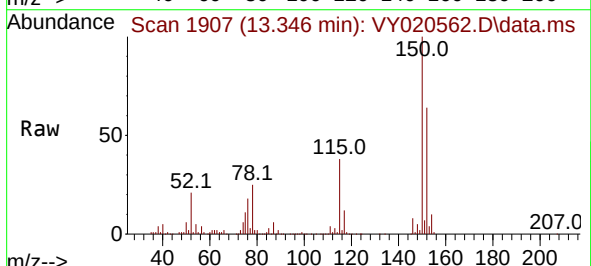
Tgt Ion:152 Resp: 107923

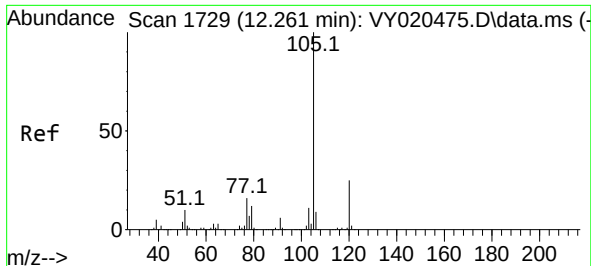
Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 163.7 0.0 348.2

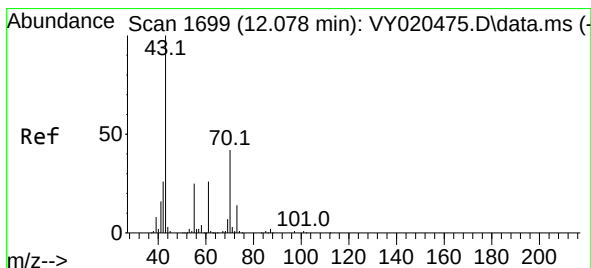
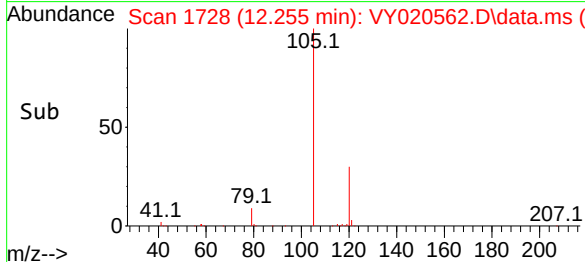
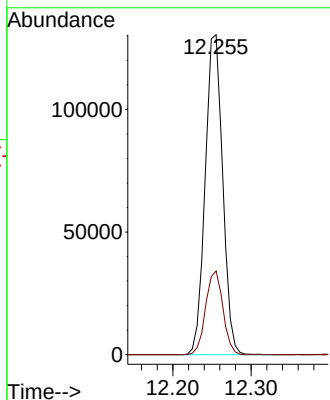
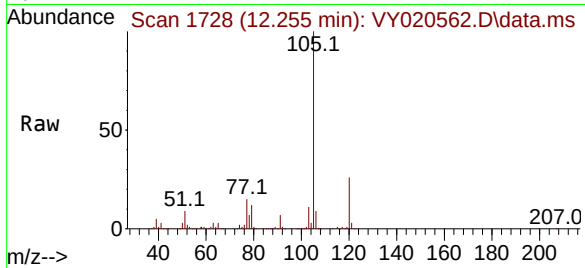




#73
Isopropylbenzene
Concen: 19.332 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.006 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

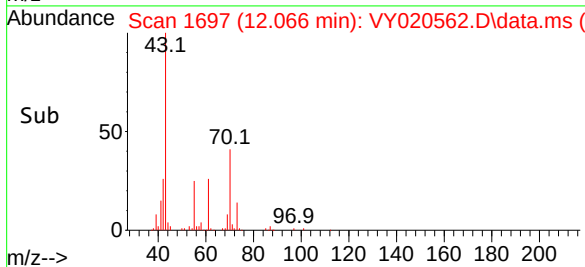
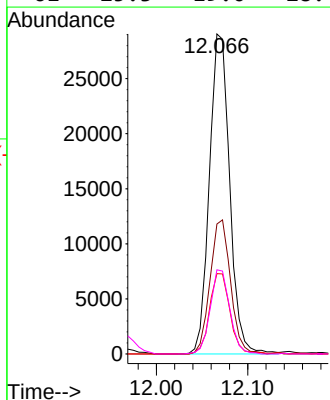
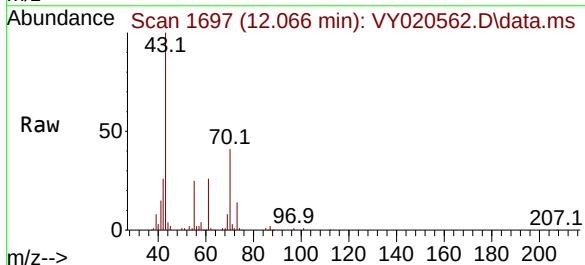
Instrument :
MSVOA_Y
ClientSampleId :

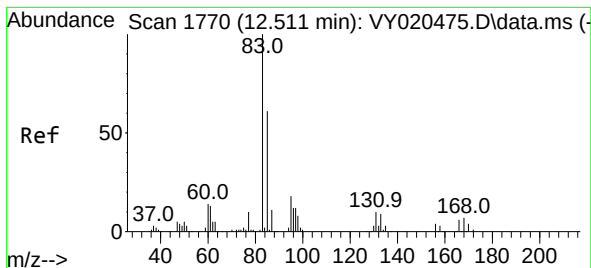
Tgt Ion:105 Resp: 201864
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.1



#74
N-ethyl acetate
Concen: 21.886 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 43 Resp: 44793
Ion Ratio Lower Upper
43 100
70 42.3 32.9 49.3
55 25.4 19.3 28.9
61 25.3 19.0 28.4





#75

1,1,2-Tetrachloroethane

Concen: 22.112 ug/l

RT: 12.505 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

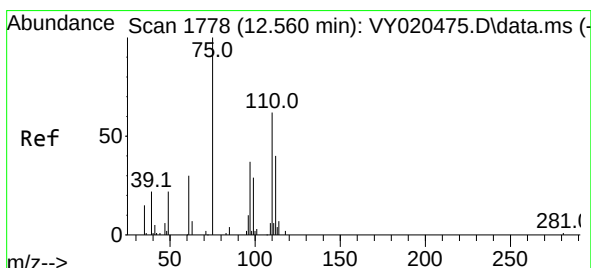
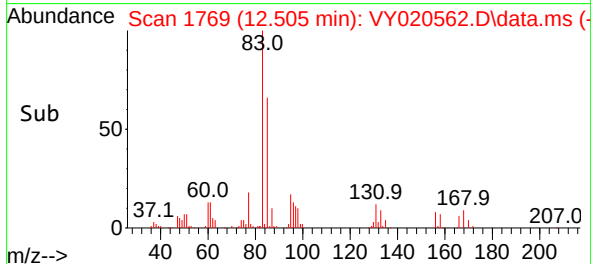
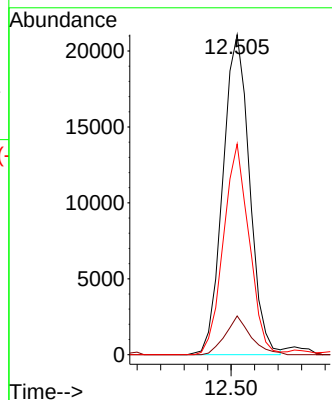
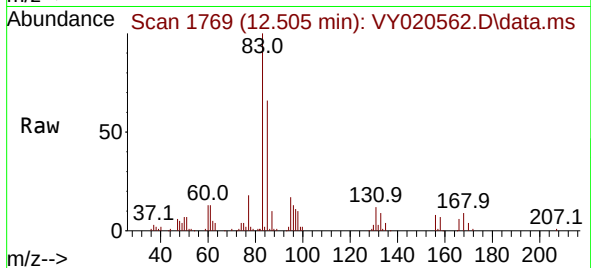
Tgt Ion: 83 Resp: 33205

Ion Ratio Lower Upper

83 100

131 11.5 4.8 14.4

85 63.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 39.304 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020562.D

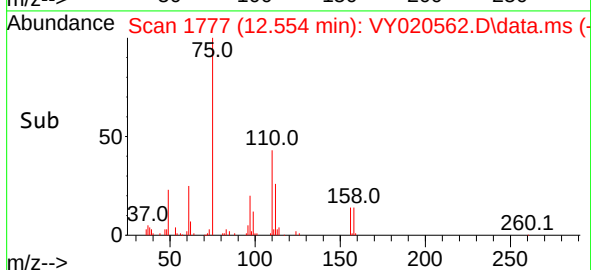
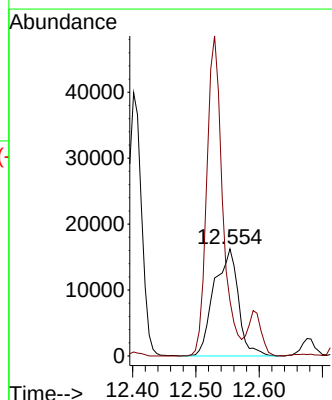
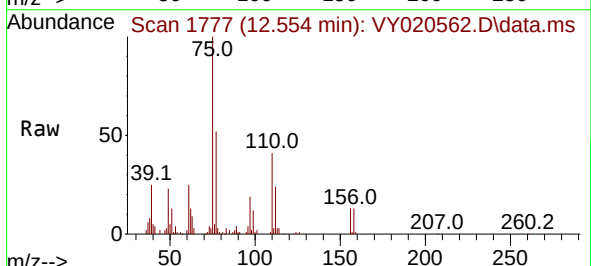
Acq: 10 Dec 2024 11:54

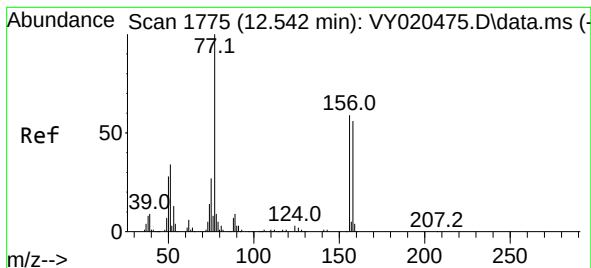
Tgt Ion: 75 Resp: 43211

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.564 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

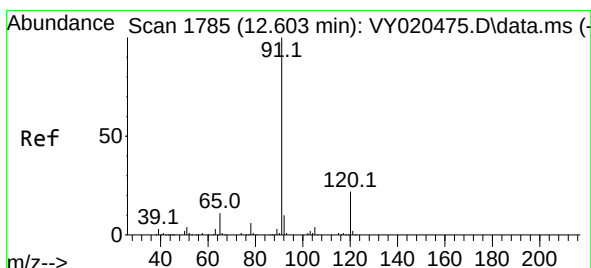
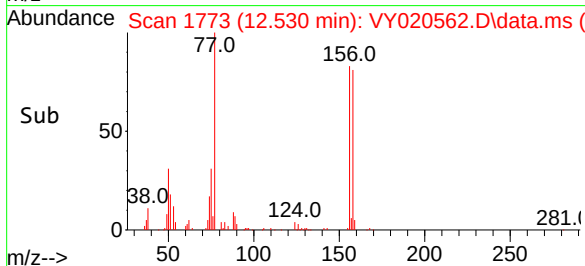
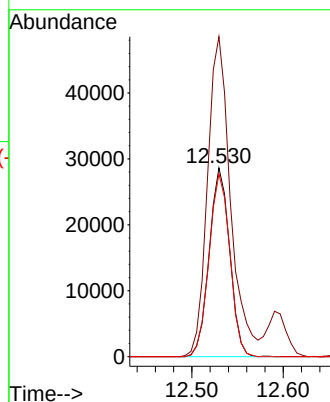
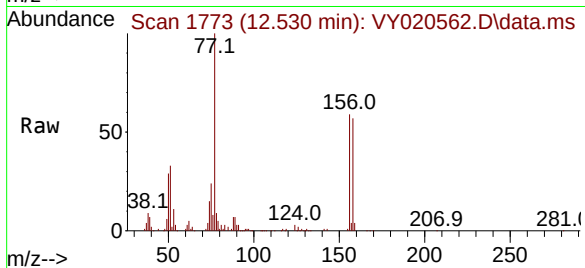
Tgt Ion:156 Resp: 44468

Ion Ratio Lower Upper

156 100

77 191.0 97.2 291.6

158 98.4 47.8 143.4



#78

n-propylbenzene

Concen: 19.448 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.012 min

Lab File: VY020562.D

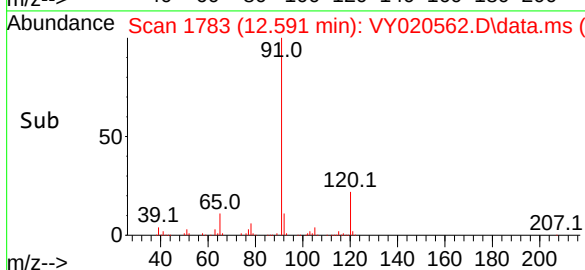
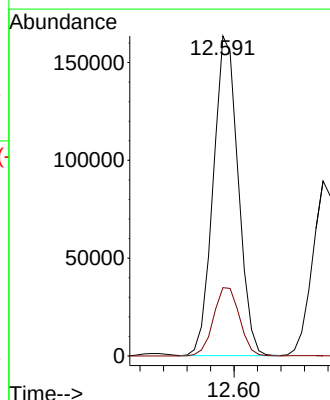
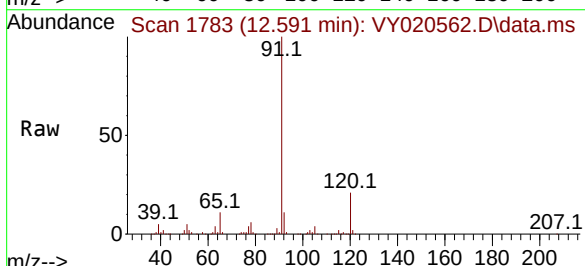
Acq: 10 Dec 2024 11:54

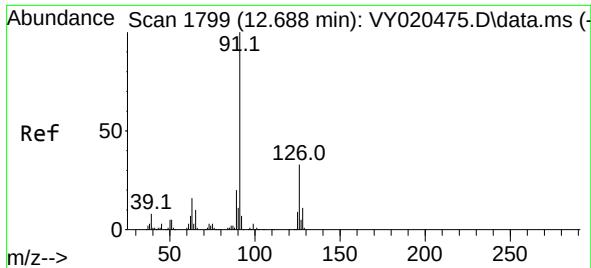
Tgt Ion: 91 Resp: 240435

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.6

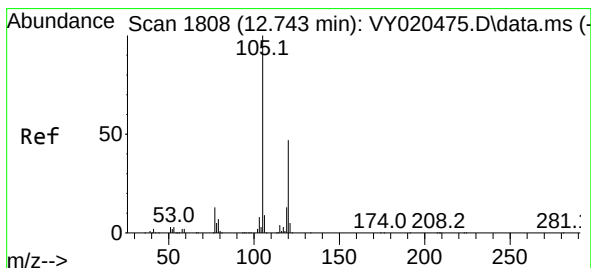
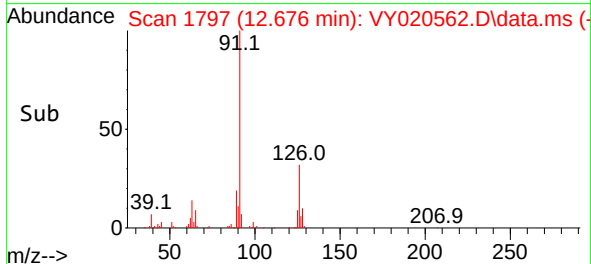
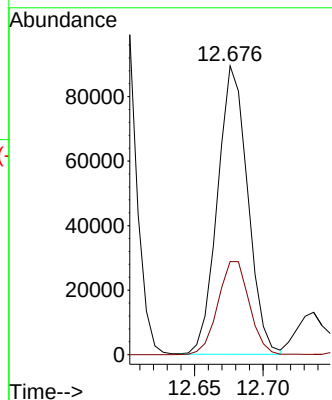
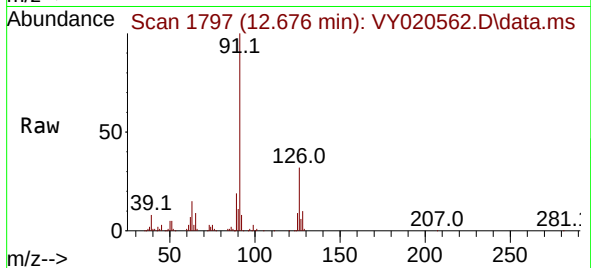




#79
2-Chlorotoluene
Concen: 19.687 ug/l
RT: 12.676 min Scan# 1799
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

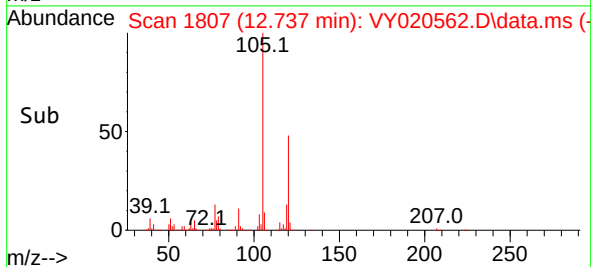
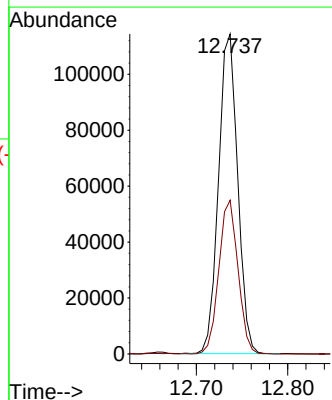
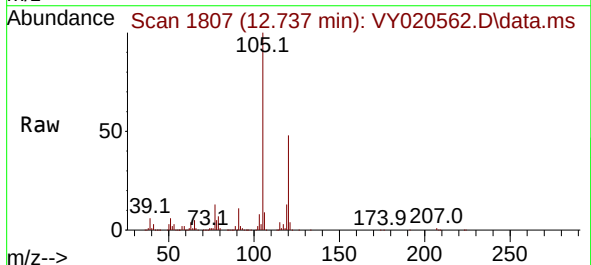
Instrument :
MSVOA_Y
ClientSampleId :

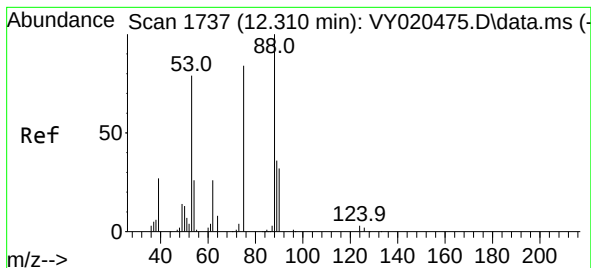
Tgt Ion: 91 Resp: 137342
Ion Ratio Lower Upper
91 100
126 33.6 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 19.889 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 105 Resp: 166434
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

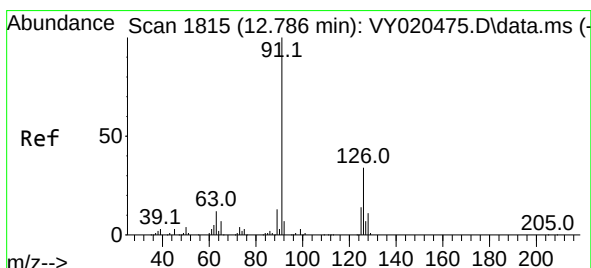
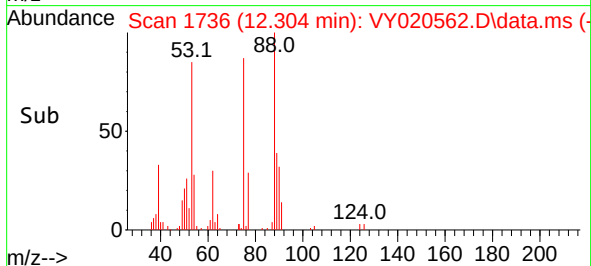
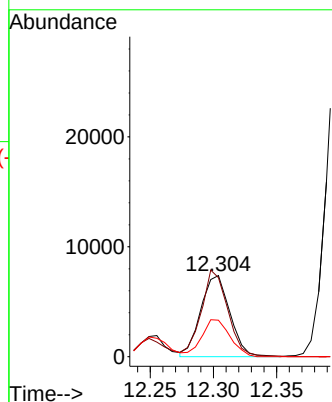
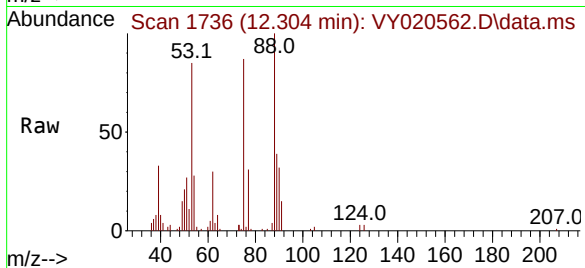




#81
trans-1,4-Dichloro-2-butene
Concen: 22.086 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

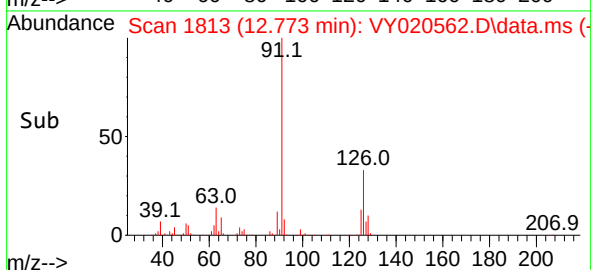
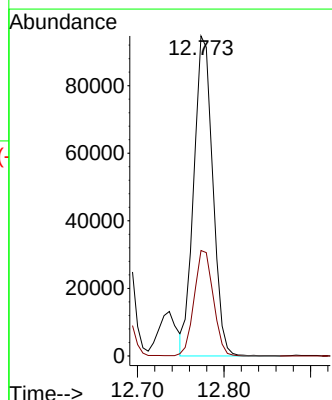
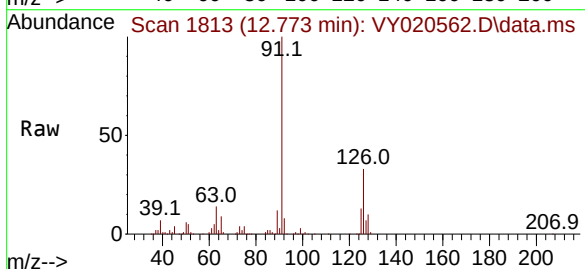
Instrument :
MSVOA_Y
ClientSampleId :

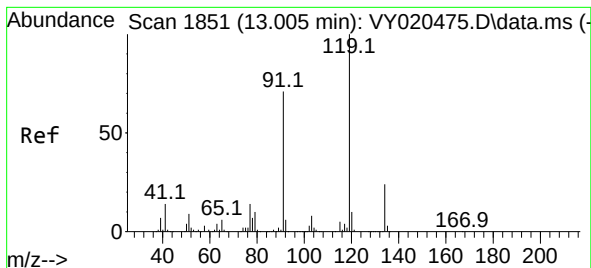
Tgt Ion: 75 Resp: 11834
Ion Ratio Lower Upper
75 100
53 97.2 81.1 121.7
89 44.6 35.1 52.7



#82
4-Chlorotoluene
Concen: 20.233 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 91 Resp: 144042
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8





#83

tert-Butylbenzene

Concen: 20.255 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

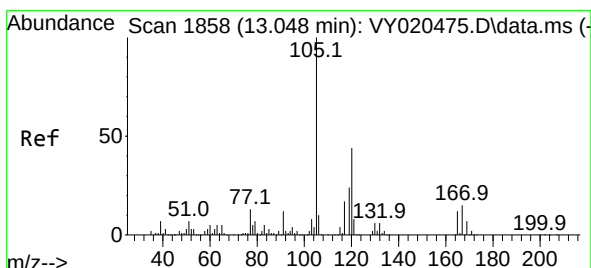
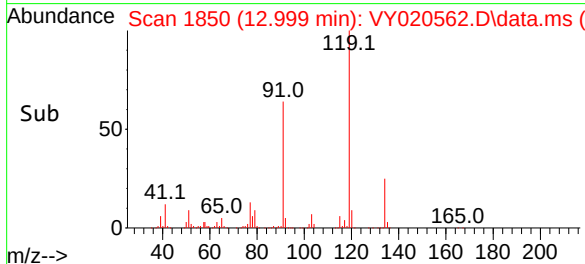
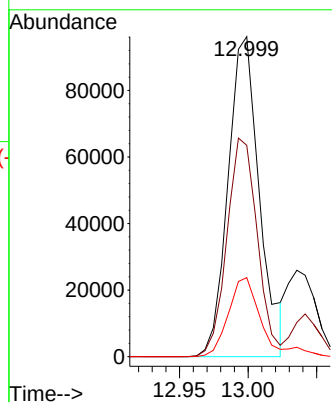
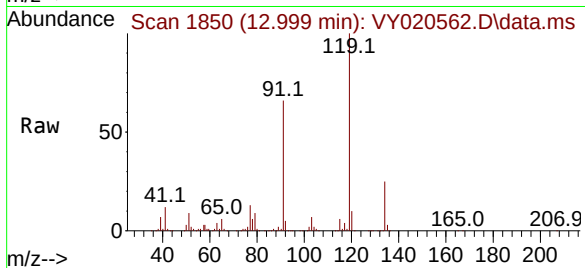
Tgt Ion:119 Resp: 153237

Ion Ratio Lower Upper

119 100

91 66.3 33.3 99.9

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.384 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020562.D

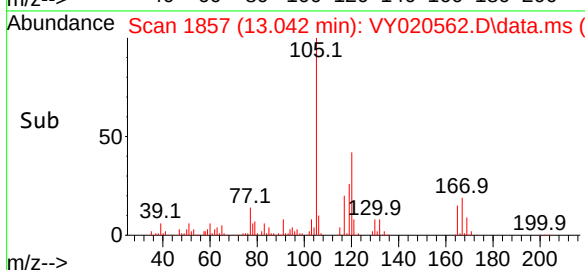
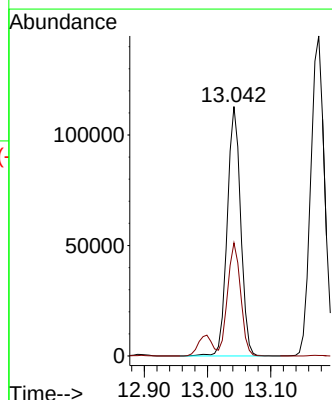
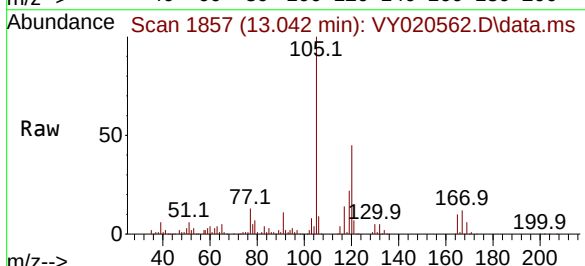
Acq: 10 Dec 2024 11:54

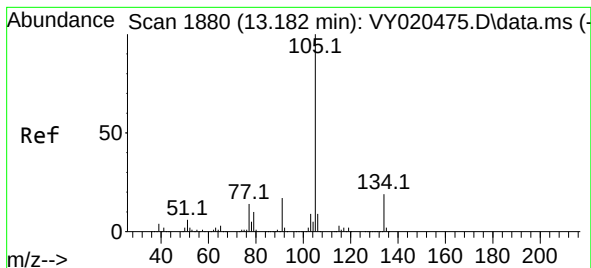
Tgt Ion:105 Resp: 165793

Ion Ratio Lower Upper

105 100

120 43.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.071 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

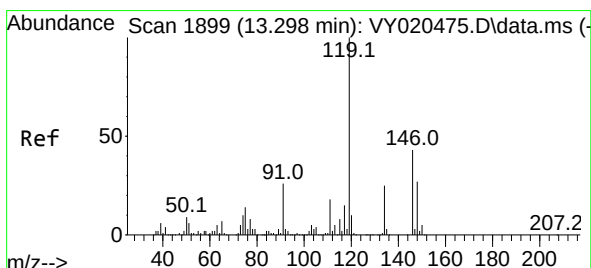
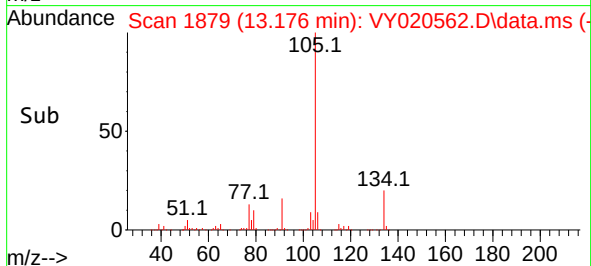
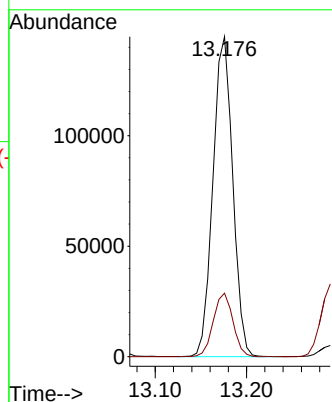
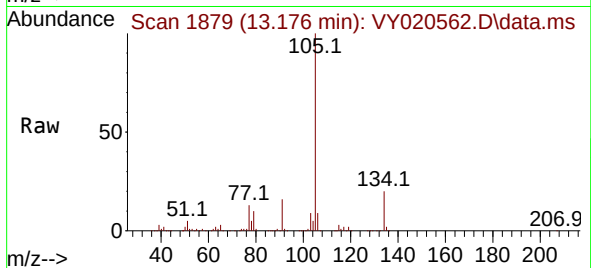
ClientSampleId :

Tgt Ion:105 Resp: 217615

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 20.350 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

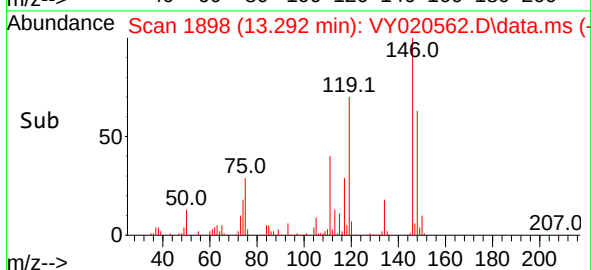
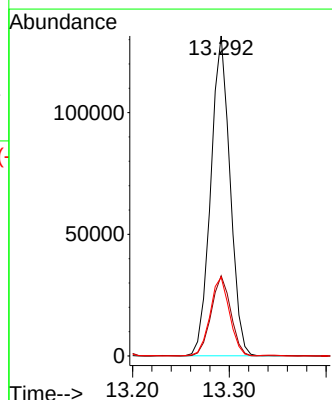
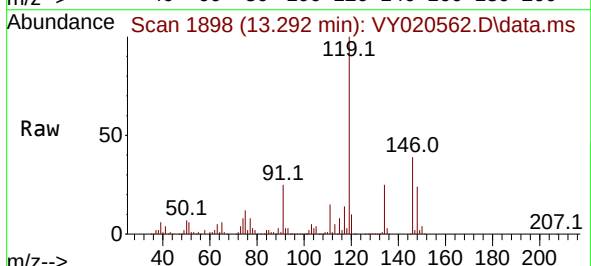
Tgt Ion:119 Resp: 182330

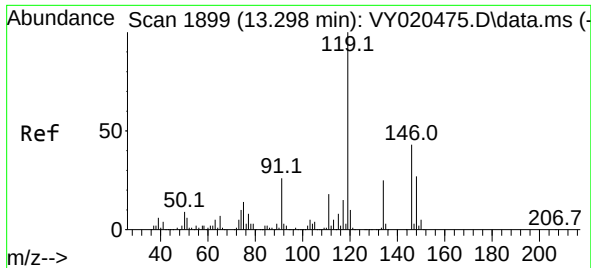
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 24.7 12.3 36.8

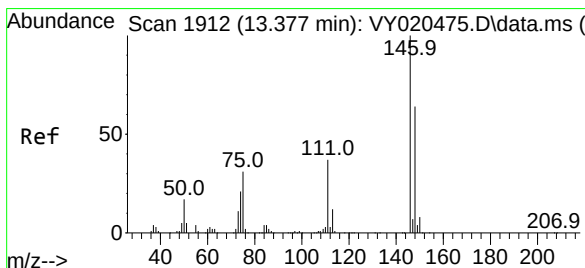
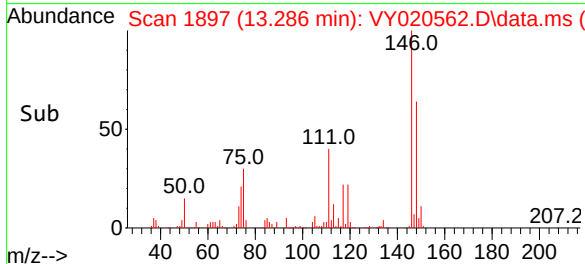
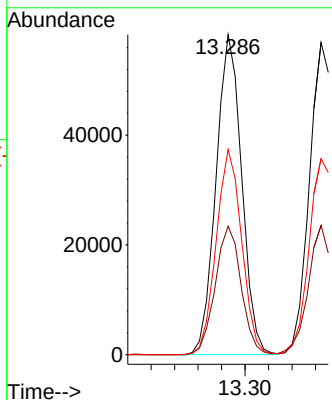
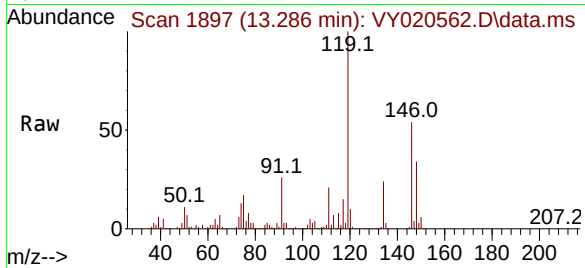




#87
 1,3-Dichlorobenzene
 Concen: 21.255 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.012 min
 Lab File: VY020562.D
 Acq: 10 Dec 2024 11:54

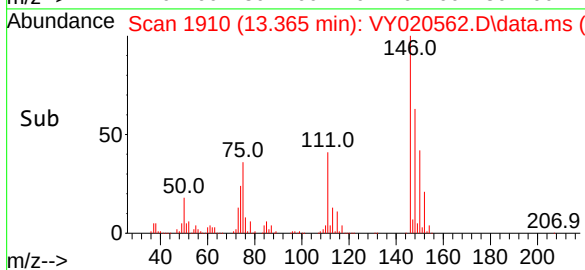
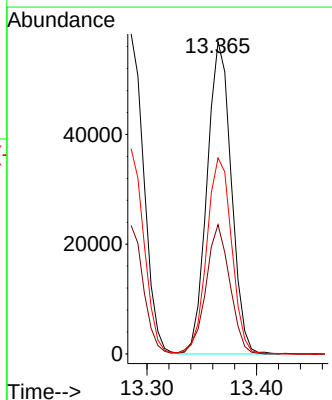
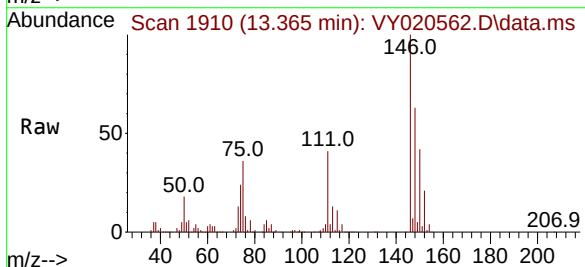
Instrument :
 MSVOA_Y
 ClientSampleId :

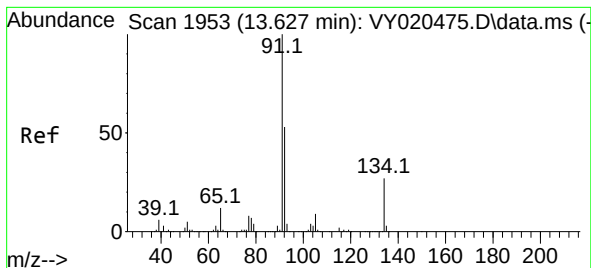
Tgt Ion:146 Resp: 88641
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.5 61.6
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.426 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.012 min
 Lab File: VY020562.D
 Acq: 10 Dec 2024 11:54

Tgt Ion:146 Resp: 87476
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.9 59.6
 148 64.6 32.0 96.2





#89

n-Butylbenzene

Concen: 20.320 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.012 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

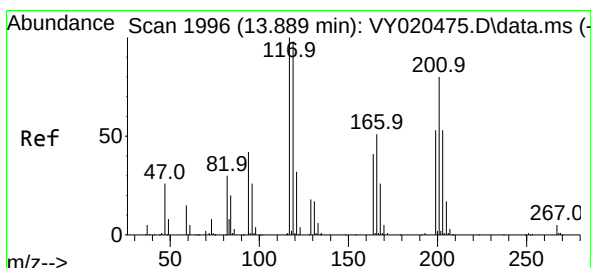
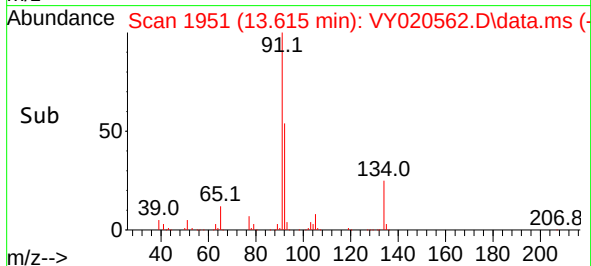
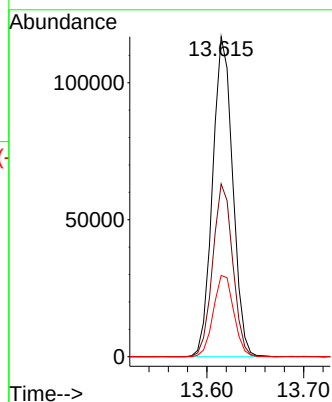
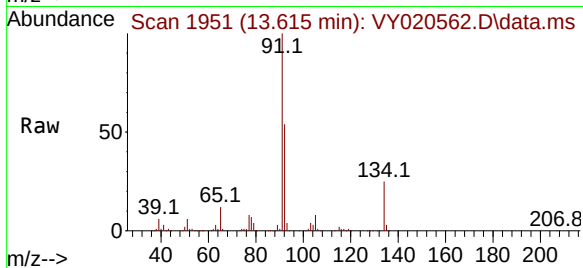
Tgt Ion: 91 Resp: 168856

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.5

134 25.8 12.2 36.4



#90

Hexachloroethane

Concen: 20.224 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.012 min

Lab File: VY020562.D

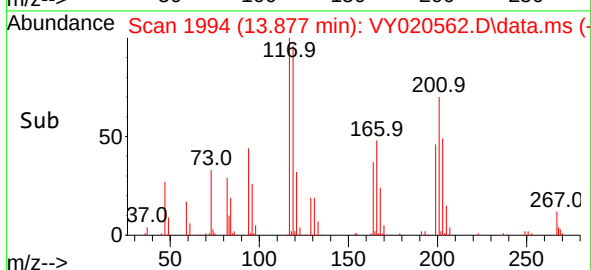
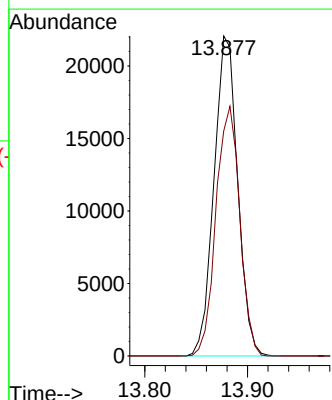
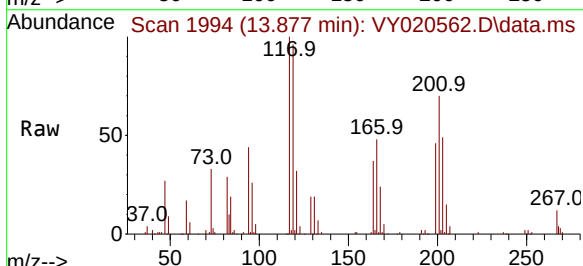
Acq: 10 Dec 2024 11:54

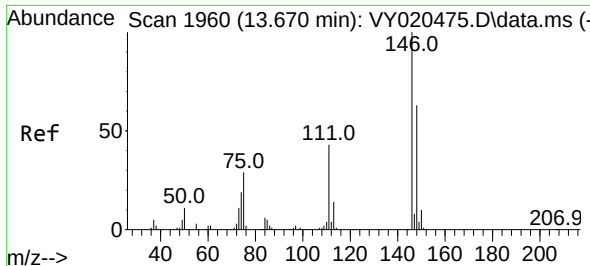
Tgt Ion: 117 Resp: 35313

Ion Ratio Lower Upper

117 100

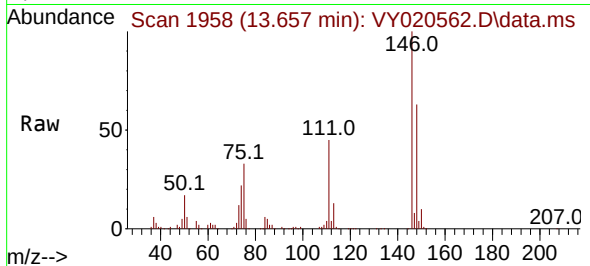
201 78.3 37.1 111.3



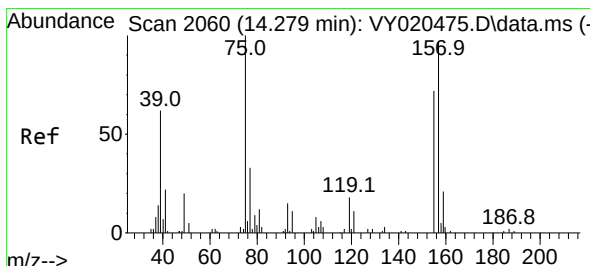
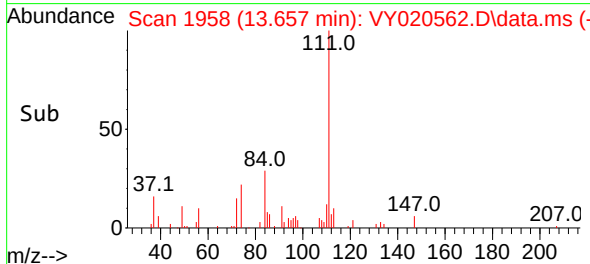
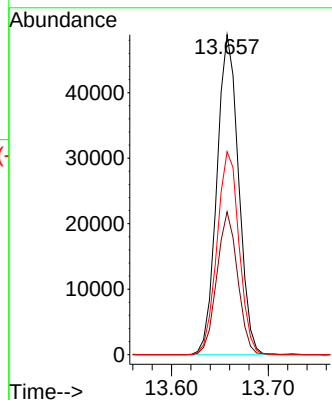


#91
1,2-Dichlorobenzene
Concen: 21.483 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.012 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Instrument :
MSVOA_Y
ClientSampleId :

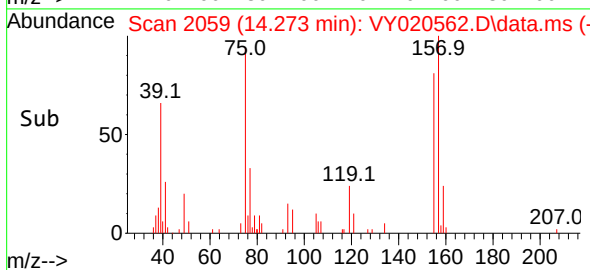
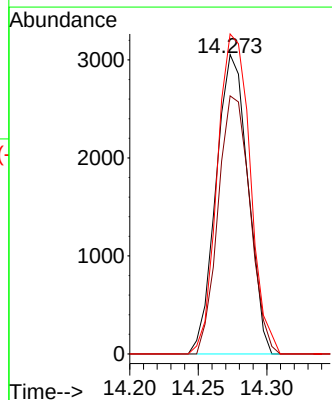
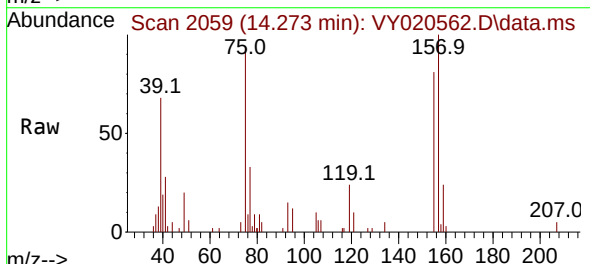


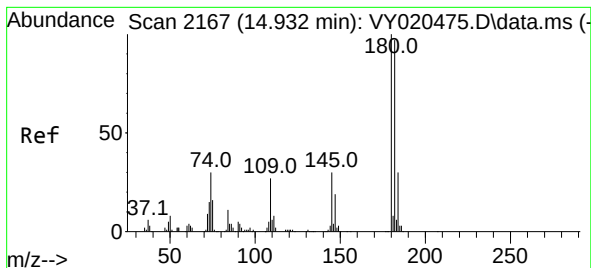
Tgt Ion:146 Resp: 75978
Ion Ratio Lower Upper
146 100
111 42.9 20.8 62.5
148 64.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.783 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY020562.D
Acq: 10 Dec 2024 11:54

Tgt Ion: 75 Resp: 4952
Ion Ratio Lower Upper
75 100
155 85.9 39.7 119.1
157 109.7 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 22.874 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

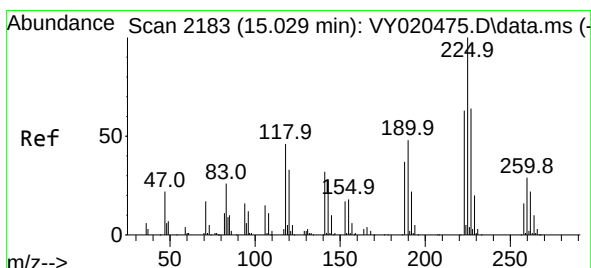
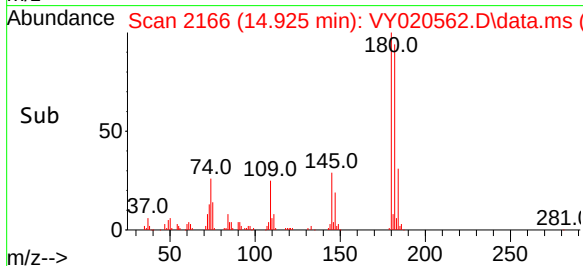
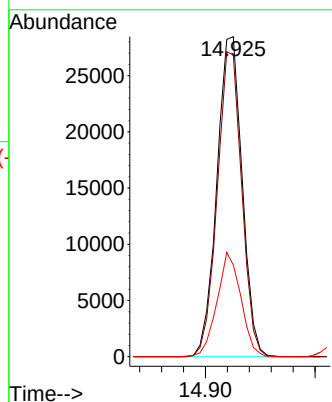
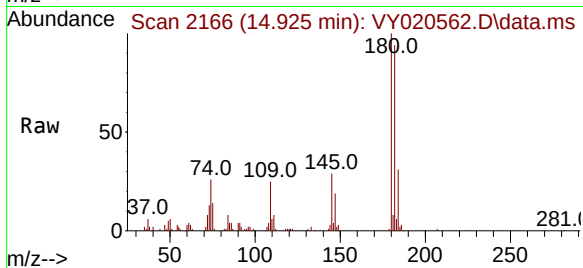
Tgt Ion:180 Resp: 45489

Ion Ratio Lower Upper

180 100

182 92.4 47.6 142.8

145 30.8 15.8 47.3



#94

Hexachlorobutadiene

Concen: 21.941 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

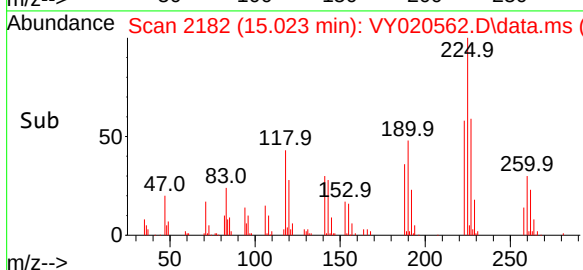
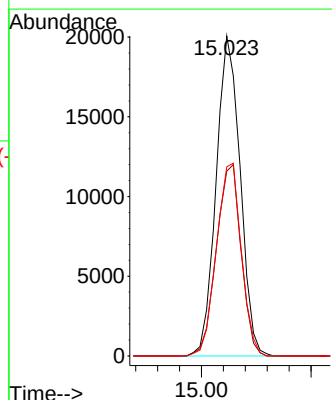
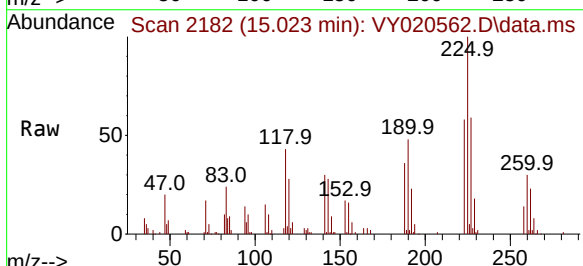
Tgt Ion:225 Resp: 30526

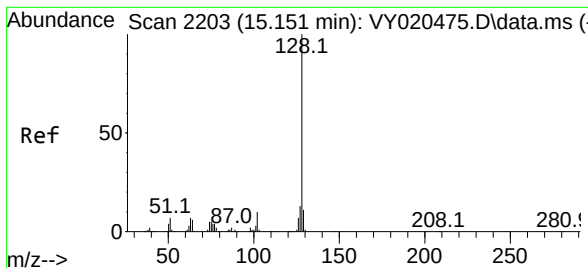
Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.5

227 62.5 32.3 96.8





#95

Naphthalene

Concen: 23.250 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

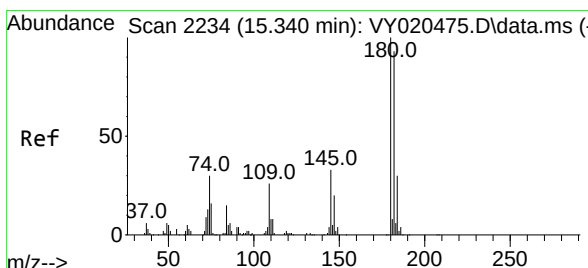
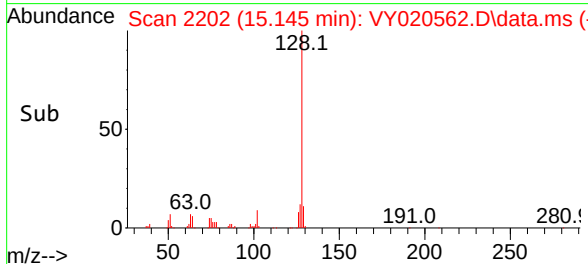
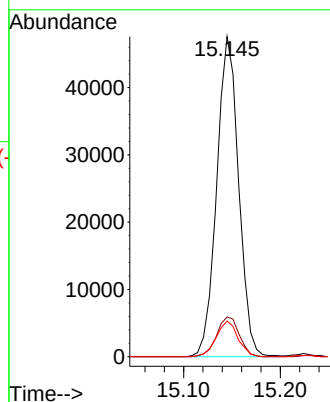
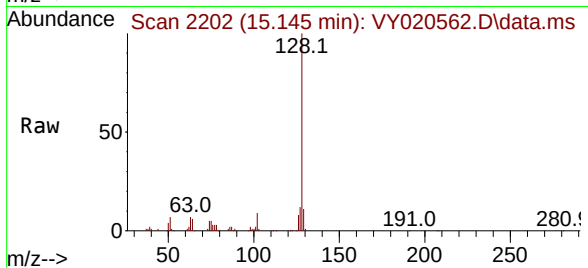
Tgt Ion:128 Resp: 74821

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 23.683 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020562.D

Acq: 10 Dec 2024 11:54

Tgt Ion:180 Resp: 38004

Ion Ratio Lower Upper

180 100

182 93.9 47.4 142.3

145 32.7 16.9 50.6

