

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020939.D
 Acq On : 27 Jan 2025 10:54
 Operator : SY/MD
 Sample : VY0127SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 28 01:10:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	284825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	421282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	357449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	177256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	113305	49.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.780%
35) Dibromofluoromethane	7.640	113	116966	48.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.109	98	452829	48.271	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.408	95	150937	48.345	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	45455	21.100	ug/l	98
3) Chloromethane	2.074	50	31860	19.884	ug/l	98
4) Vinyl Chloride	2.208	62	34695	19.868	ug/l	97
5) Bromomethane	2.604	94	22255	18.816	ug/l	97
6) Chloroethane	2.739	64	20662	20.167	ug/l	95
7) Trichlorofluoromethane	3.068	101	77010	20.756	ug/l	98
8) Diethyl Ether	3.464	74	24706	21.666	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.830	101	51831	21.171	ug/l	100
10) Methyl Iodide	4.019	142	57895	19.843	ug/l	100
11) Tert butyl alcohol	4.891	59	20731	118.255	ug/l #	84
12) 1,1-Dichloroethene	3.799	96	48946	21.170	ug/l	97
13) Acrolein	3.665	56	28093	118.208	ug/l	96
14) Allyl chloride	4.391	41	68738	21.301	ug/l	98
15) Acrylonitrile	5.080	53	53151	118.575	ug/l	100
16) Acetone	3.885	43	35174	114.319	ug/l	100
17) Carbon Disulfide	4.116	76	149327	20.914	ug/l	99
18) Methyl Acetate	4.403	43	25309	22.770	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	120063	22.421	ug/l	98
20) Methylene Chloride	4.628	84	48793	21.323	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	52984	21.255	ug/l	96
22) Diisopropyl ether	6.031	45	142495	21.953	ug/l	97
23) Vinyl Acetate	5.970	43	413997	115.245	ug/l	100
24) 1,1-Dichloroethane	5.927	63	87580	21.285	ug/l	98
25) 2-Butanone	6.902	43	62660	120.223	ug/l	93
26) 2,2-Dichloropropane	6.896	77	86153	21.258	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	60307	21.437	ug/l	99
28) Bromochloromethane	7.256	49	35375	21.362	ug/l	98
29) Tetrahydrofuran	7.268	42	42351	121.924	ug/l	99
30) Chloroform	7.433	83	92869	21.326	ug/l	98
31) Cyclohexane	7.707	56	84903	20.995	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	90140	21.340	ug/l	100
36) 1,1-Dichloropropene	7.841	75	71237	21.097	ug/l	100
37) Ethyl Acetate	7.000	43	30206	23.056	ug/l	98
38) Carbon Tetrachloride	7.823	117	84923	20.855	ug/l	99
39) Methylcyclohexane	9.115	83	95859	20.969	ug/l	97
40) Benzene	8.091	78	209800	21.178	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	15370	22.209	ug/l	94
42) 1,2-Dichloroethane	8.164	62	53093	21.539	ug/l	98
43) Isopropyl Acetate	8.201	43	58221	23.436	ug/l	100
44) Trichloroethene	8.872	130	56869	21.131	ug/l	99
45) 1,2-Dichloropropane	9.146	63	46640	21.329	ug/l	99
46) Dibromomethane	9.237	93	28025	22.543	ug/l	100
47) Bromodichloromethane	9.426	83	69877	21.125	ug/l	95
48) Methyl methacrylate	9.225	41	26785	22.856	ug/l	98
49) 1,4-Dioxane	9.243	88	6014	469.849	ug/l	89
51) 4-Methyl-2-Pentanone	10.006	43	149292	119.182	ug/l	98
52) Toluene	10.176	92	135955	21.339	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	66836	22.037	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	78415	21.653	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	37955	22.587	ug/l	95
56) Ethyl methacrylate	10.445	69	50841	23.086	ug/l	99
57) 1,3-Dichloropropane	10.725	76	63115	22.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	115619	115.673	ug/l	99
59) 2-Hexanone	10.768	43	97780	121.392	ug/l	99
60) Dibromochloromethane	10.914	129	52852	22.348	ug/l	98
61) 1,2-Dibromoethane	11.018	107	36229	22.541	ug/l	99
64) Tetrachloroethene	10.652	164	52128	20.956	ug/l	97
65) Chlorobenzene	11.450	112	145707	20.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	52164	21.001	ug/l	98
67) Ethyl Benzene	11.524	91	257647	21.124	ug/l	99
68) m/p-Xylenes	11.633	106	198772	42.560	ug/l	100
69) o-Xylene	11.963	106	93925	21.530	ug/l	98
70) Styrene	11.975	104	155592	21.762	ug/l	99
71) Bromoform	12.139	173	32578	23.162	ug/l #	99
73) Isopropylbenzene	12.261	105	250807	20.544	ug/l	100
74) N-amyl acetate	12.078	43	48395	22.278	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	41551	21.875	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	55026	43.906	ug/l #	100
77) Bromobenzene	12.536	156	59898	20.931	ug/l	99
78) n-propylbenzene	12.603	91	292813	20.591	ug/l	99
79) 2-Chlorotoluene	12.682	91	165489	20.519	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	202876	20.682	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	15200	23.432	ug/l	98
82) 4-Chlorotoluene	12.786	91	171989	20.883	ug/l	100
83) tert-Butylbenzene	13.005	119	189901	20.988	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	201137	20.828	ug/l	100
85) sec-Butylbenzene	13.182	105	267350	20.725	ug/l	99
86) p-Isopropyltoluene	13.298	119	228567	20.972	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	115425	21.064	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	114087	21.194	ug/l	99
89) n-Butylbenzene	13.621	91	198093	20.606	ug/l	100
90) Hexachloroethane	13.889	117	43750	20.208	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	100553	21.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6433	22.545	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	57558	20.153	ug/l	99
94) Hexachlorobutadiene	15.029	225	37814	19.352	ug/l	98
95) Naphthalene	15.151	128	99439	21.712	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	49787	20.749	ug/l	97

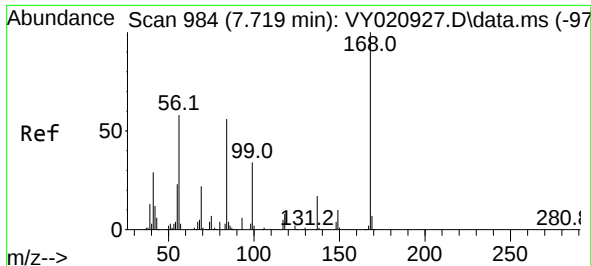
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
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Operator : SY/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : SW846 8260
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Response via : Initial Calibration

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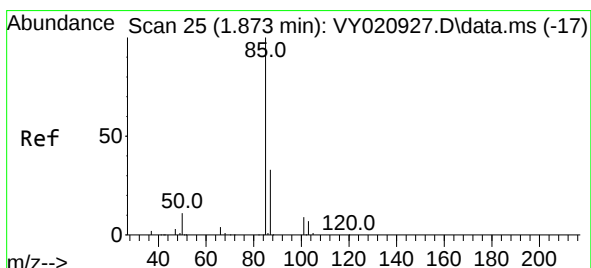
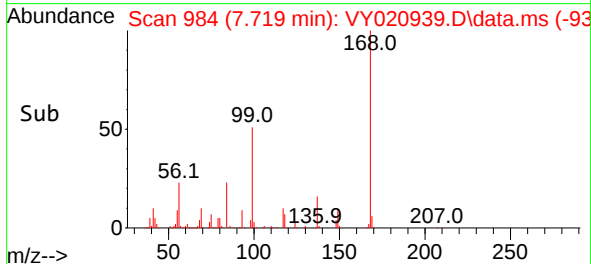
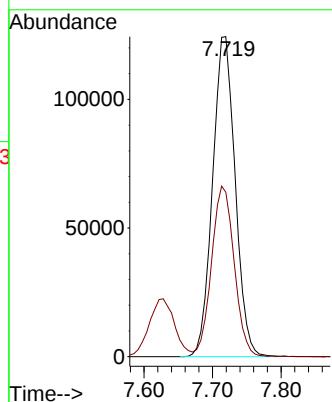
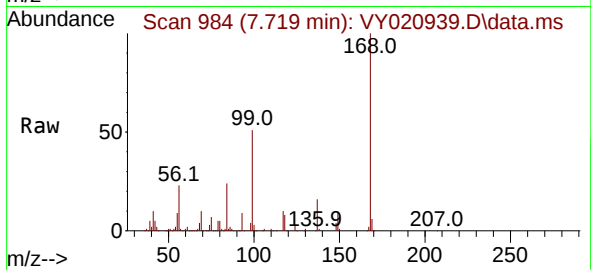
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

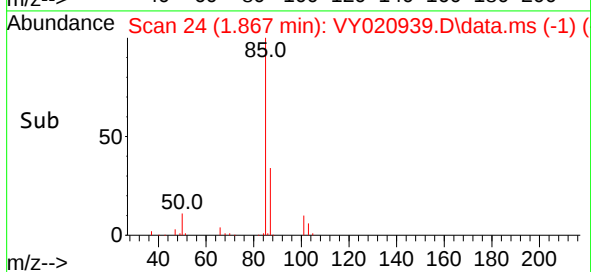
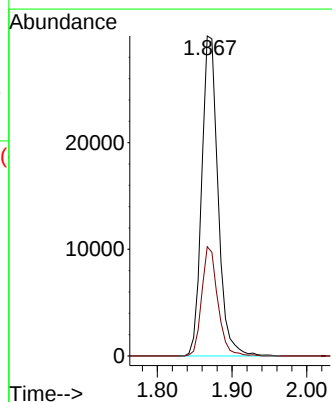
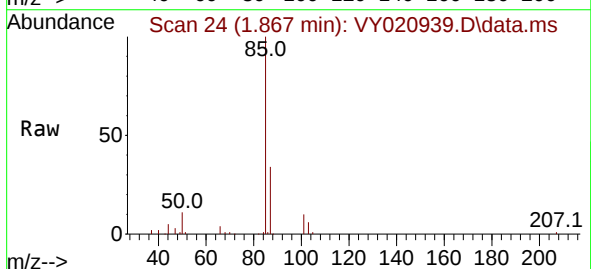
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ClientSampleId :

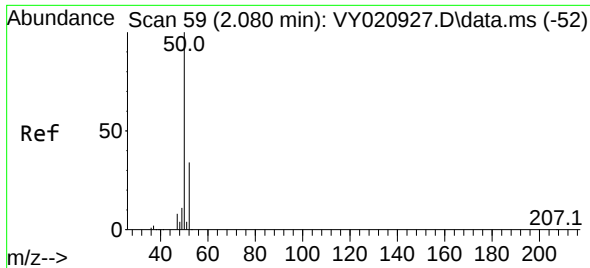
Tgt Ion:168 Resp: 284825
Ion Ratio Lower Upper
168 100
99 51.3 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 21.100 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 85 Resp: 45455
Ion Ratio Lower Upper
85 100
87 34.2 16.6 49.8

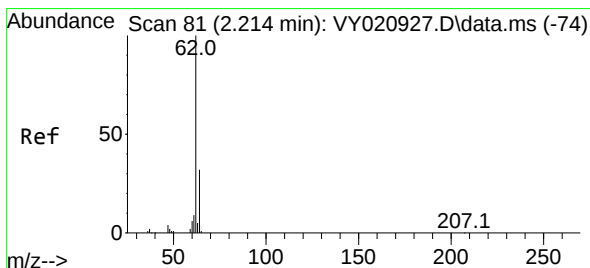
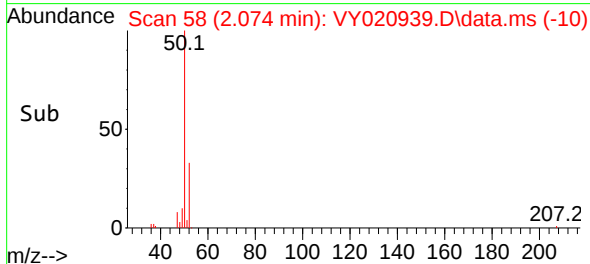
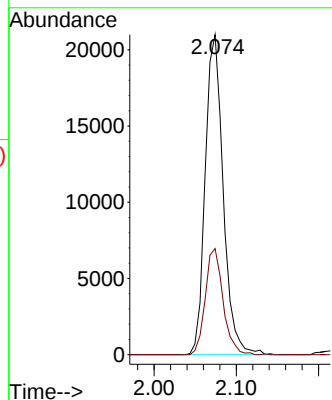
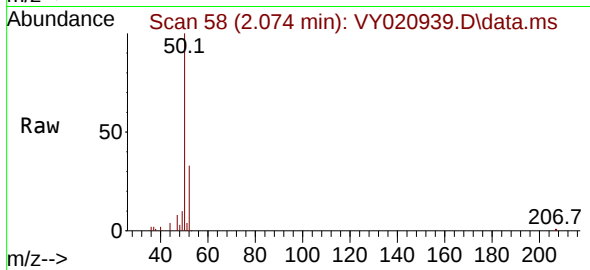




#3
Chloromethane
Concen: 19.884 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

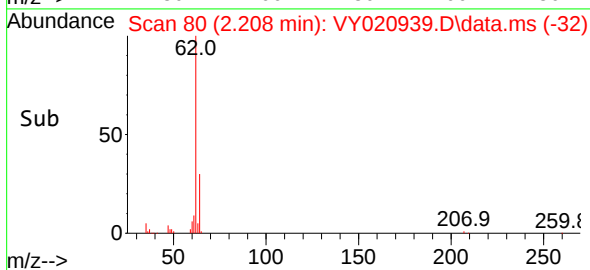
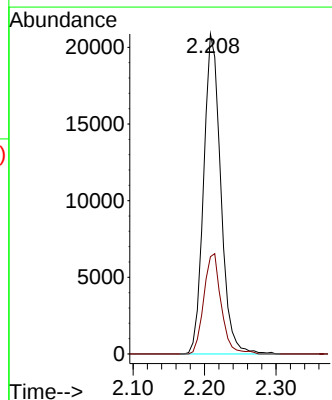
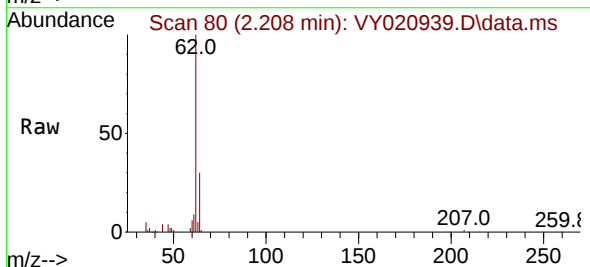
Instrument :
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ClientSampleId :

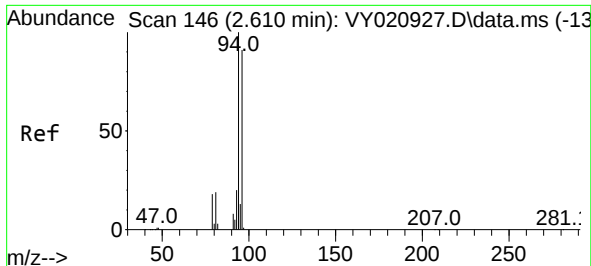
Tgt Ion: 50 Resp: 31860
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.0



#4
Vinyl Chloride
Concen: 19.868 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 62 Resp: 34695
Ion Ratio Lower Upper
62 100
64 30.4 25.7 38.5

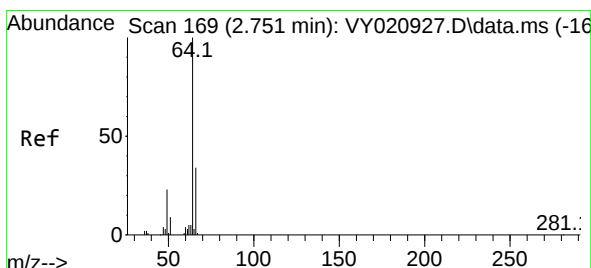
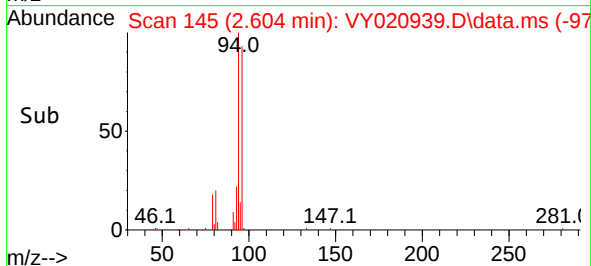
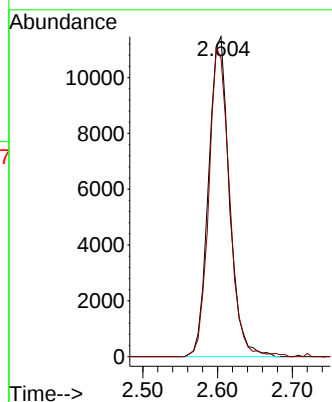
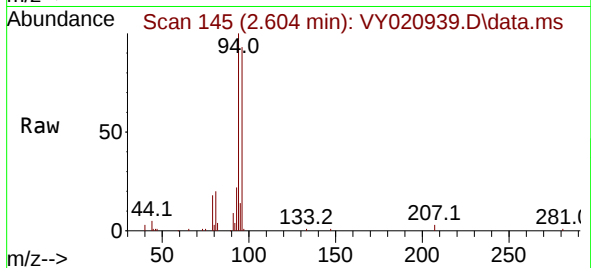




#5
Bromomethane
Concen: 18.816 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

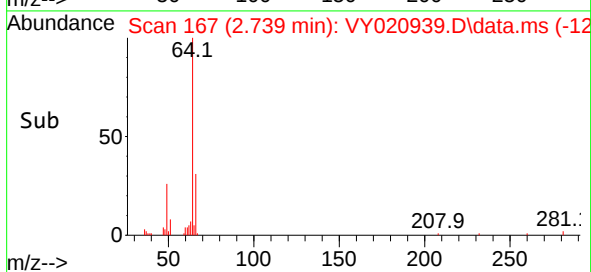
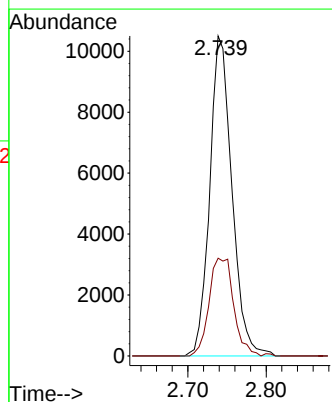
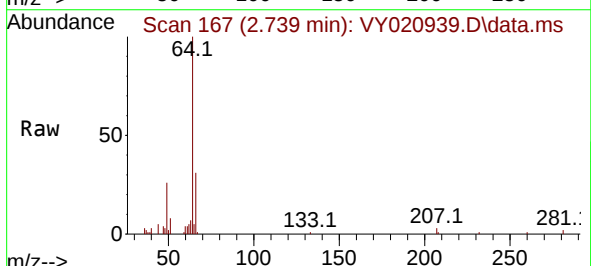
Instrument :
MSVOA_Y
ClientSampleId :

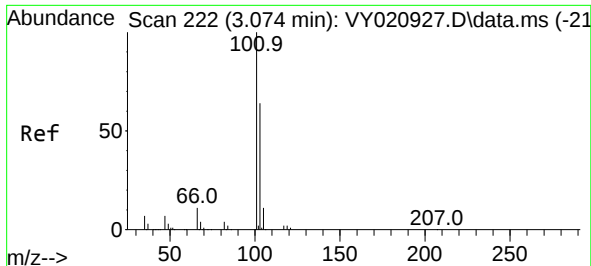
Tgt Ion: 94 Resp: 22255
Ion Ratio Lower Upper
94 100
96 93.3 72.6 109.0



#6
Chloroethane
Concen: 20.167 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.012 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 64 Resp: 20662
Ion Ratio Lower Upper
64 100
66 30.6 26.9 40.3

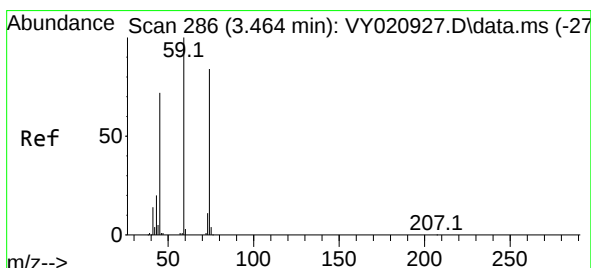
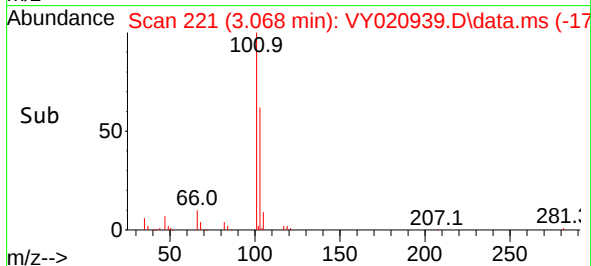
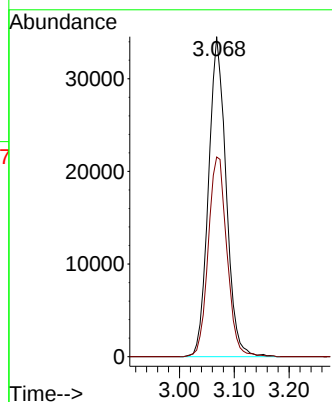
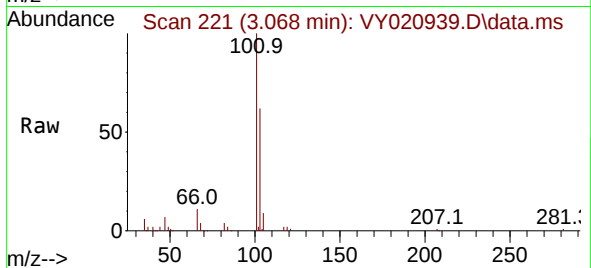




#7
Trichlorofluoromethane
Concen: 20.756 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

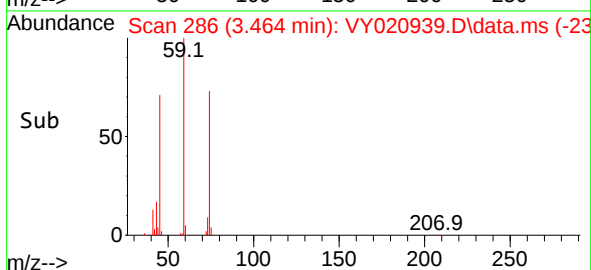
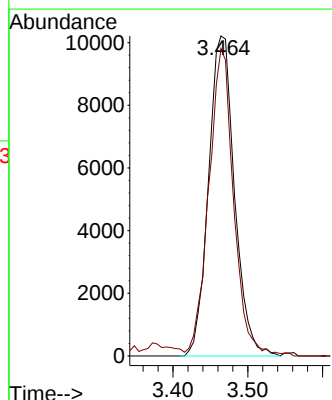
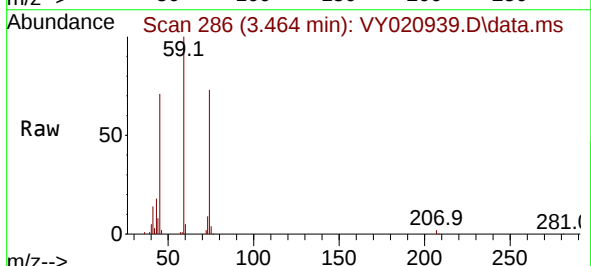
Instrument :
MSVOA_Y
ClientSampleId :

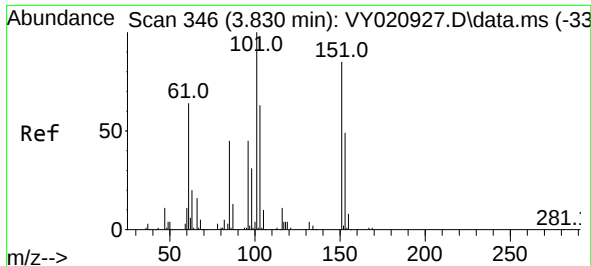
Tgt Ion:101 Resp: 77010
Ion Ratio Lower Upper
101 100
103 62.4 51.0 76.4



#8
Diethyl Ether
Concen: 21.666 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 74 Resp: 24706
Ion Ratio Lower Upper
74 100
45 92.0 45.1 135.2

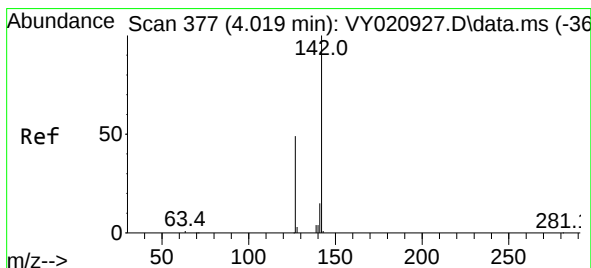
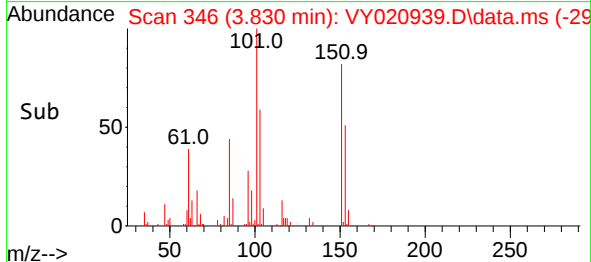
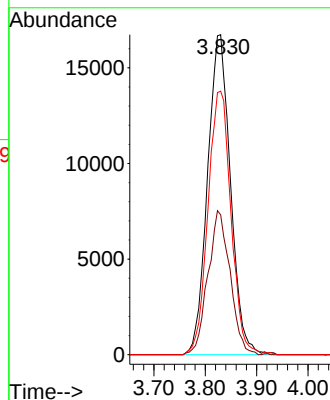
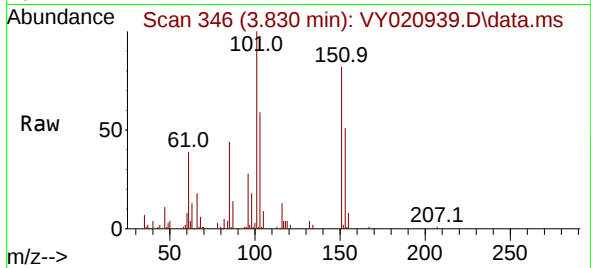




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.171 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020939.D
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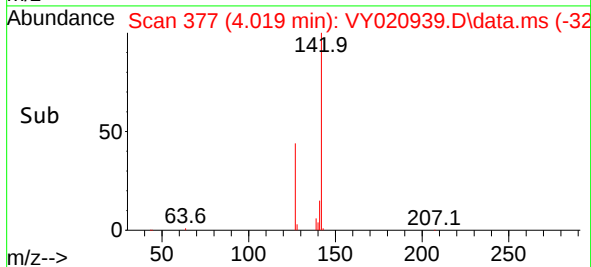
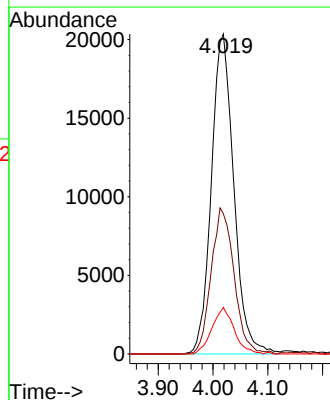
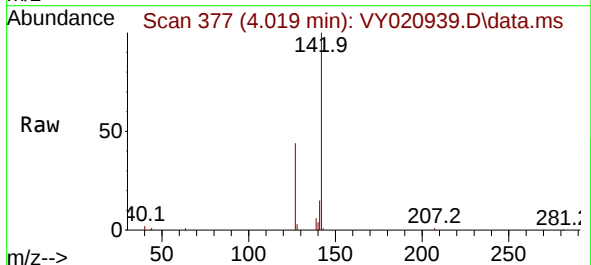
Instrument :
MSVOA_Y
ClientSampleId :

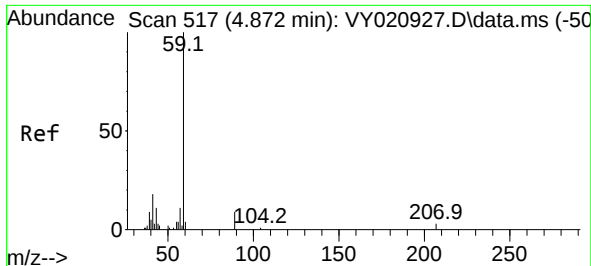
Tgt Ion:101 Resp: 51831
Ion Ratio Lower Upper
101 100
85 43.5 35.4 53.2
151 82.9 66.3 99.5



#10
Methyl Iodide
Concen: 19.843 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion:142 Resp: 57895
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 14.4 11.4 17.2

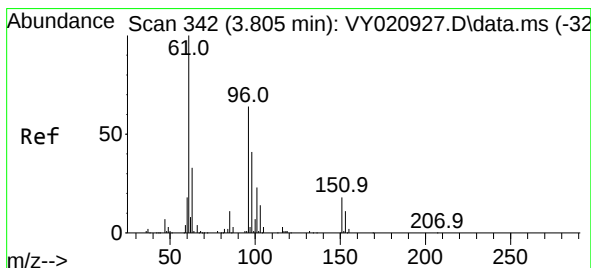
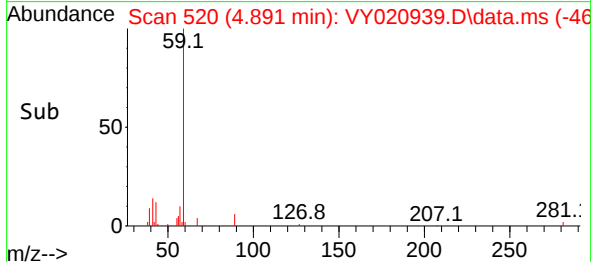
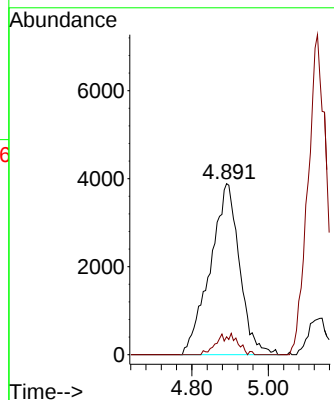
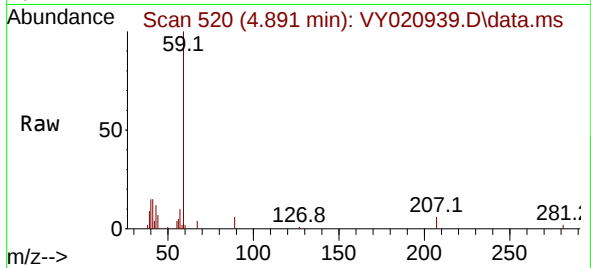




#11
Tert butyl alcohol
Concen: 118.255 ug/l
RT: 4.891 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

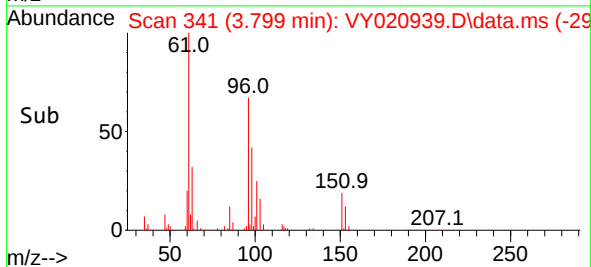
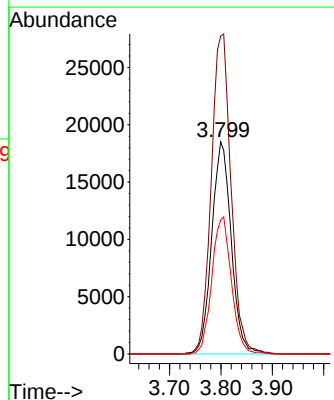
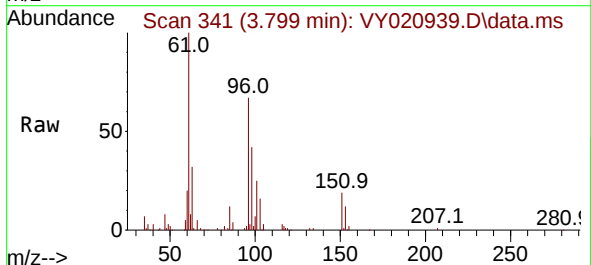
Instrument :
MSVOA_Y
ClientSampleId :

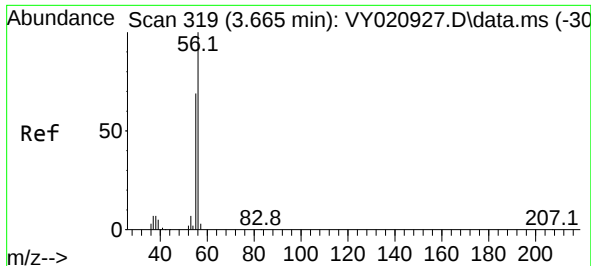
Tgt Ion: 59 Resp: 20731
Ion Ratio Lower Upper
59 100
57 3.8 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 21.170 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 96 Resp: 48946
Ion Ratio Lower Upper
96 100
61 149.8 124.5 186.7
98 63.1 50.5 75.7

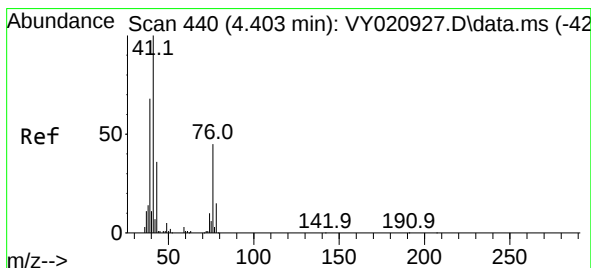
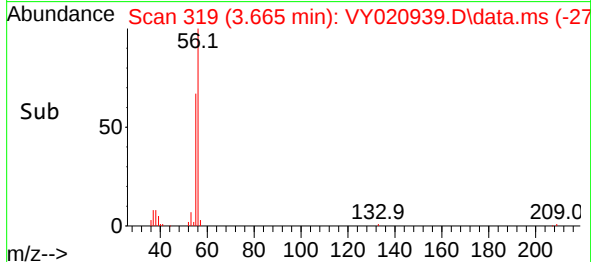
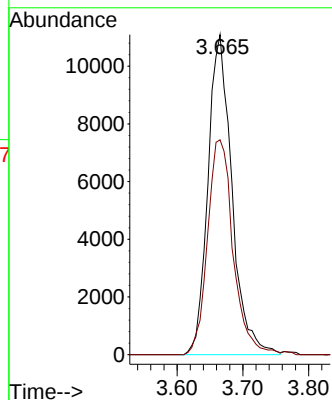
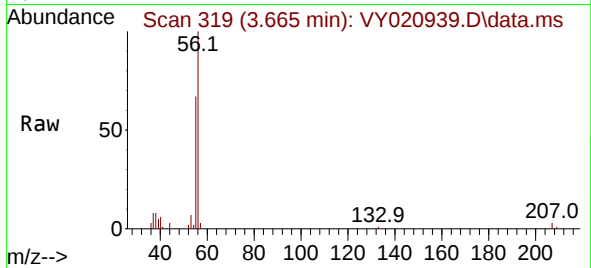




#13
Acrolein
Concen: 118.208 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

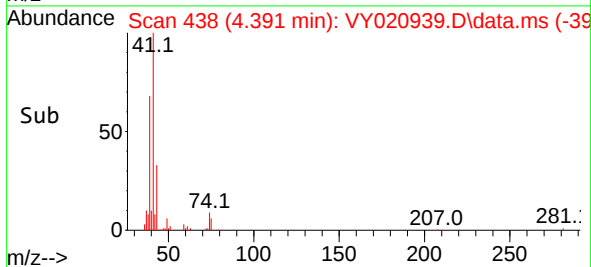
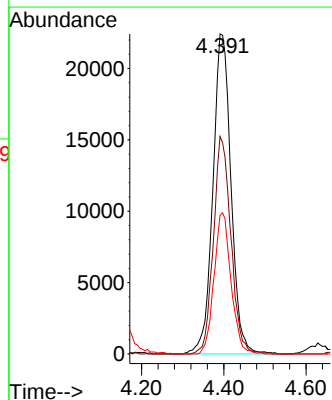
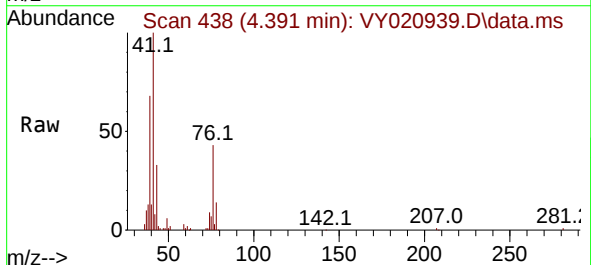
Instrument :
MSVOA_Y
ClientSampleId :

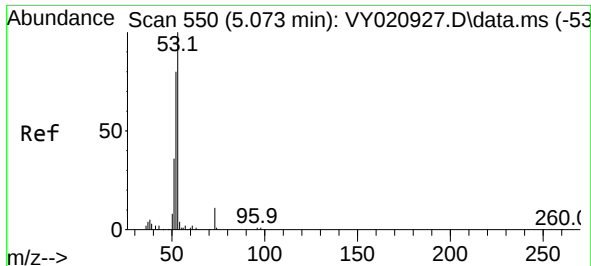
Tgt Ion: 56 Resp: 28093
Ion Ratio Lower Upper
56 100
55 71.7 54.6 81.8



#14
Allyl chloride
Concen: 21.301 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.012 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 41 Resp: 68738
Ion Ratio Lower Upper
41 100
39 65.4 53.8 80.6
76 41.3 34.2 51.4

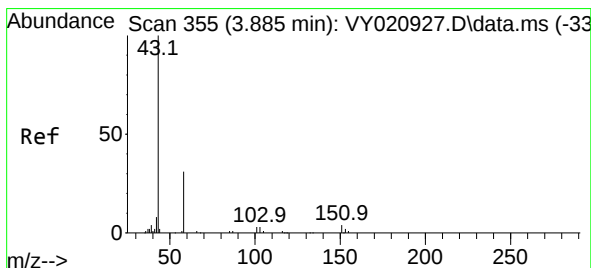
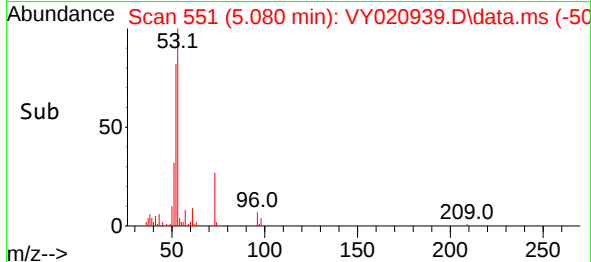
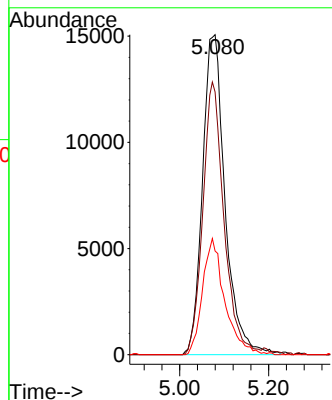
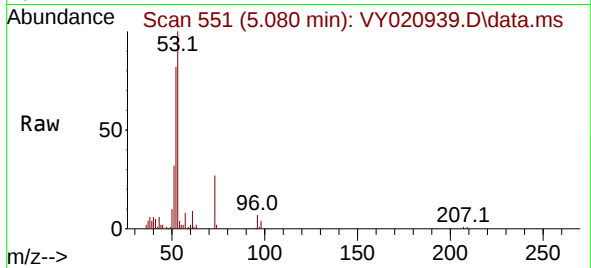




#15
Acrylonitrile
Concen: 118.575 ug/l
RT: 5.080 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

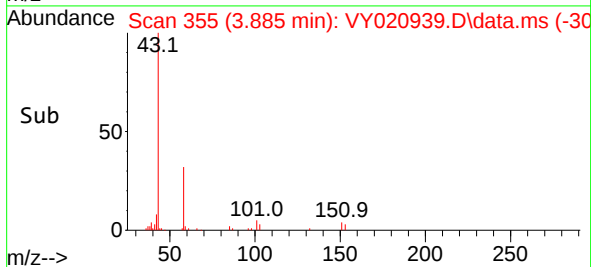
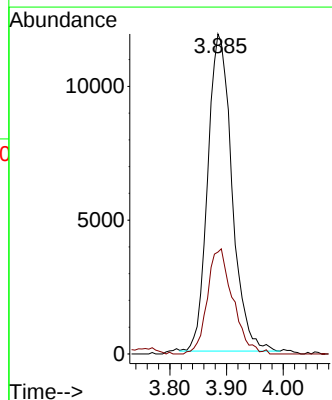
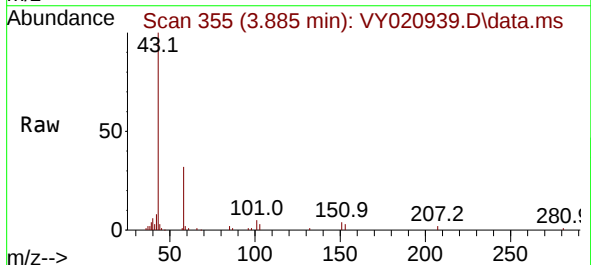
Instrument :
MSVOA_Y
ClientSampleId :

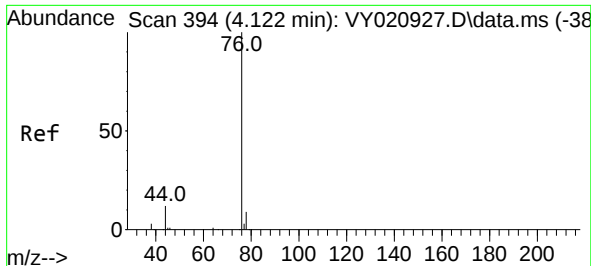
Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.1	64.5	96.7
51	35.9	28.9	43.3



#16
Acetone
Concen: 114.319 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.6	38.4

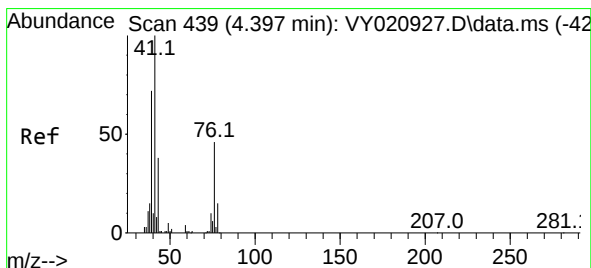
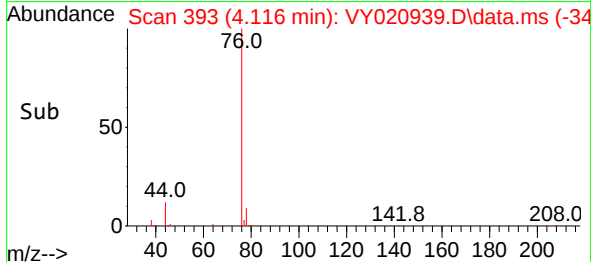
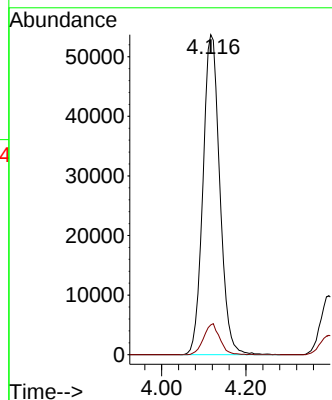
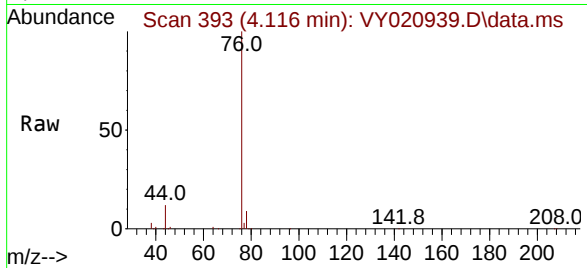




#17
Carbon Disulfide
Concen: 20.914 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

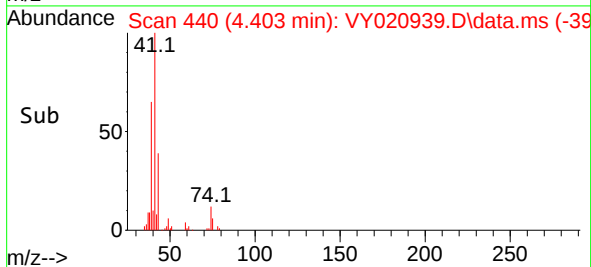
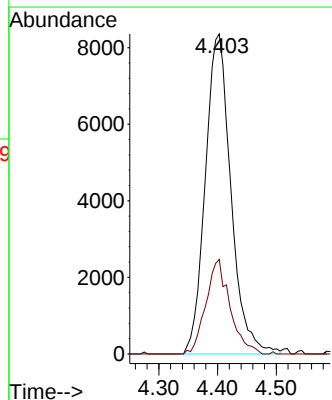
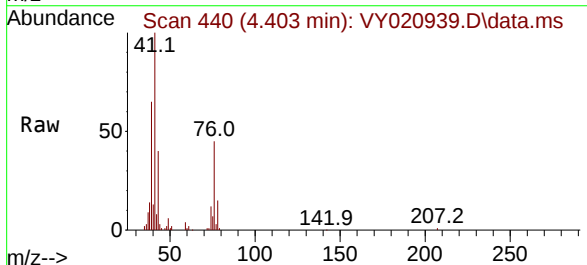
Instrument :
MSVOA_Y
ClientSampleId :

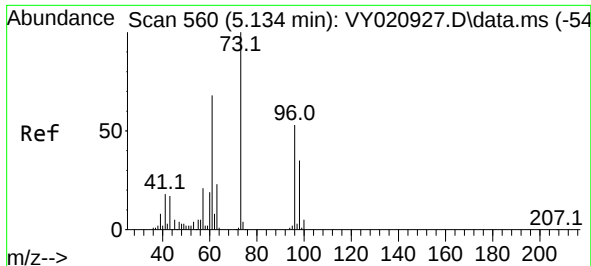
Tgt Ion: 76 Resp: 149327
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 22.770 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 43 Resp: 25309
Ion Ratio Lower Upper
43 100
74 27.7 21.0 31.6





#19

Methyl tert-butyl Ether

Concen: 22.421 ug/l

RT: 5.128 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

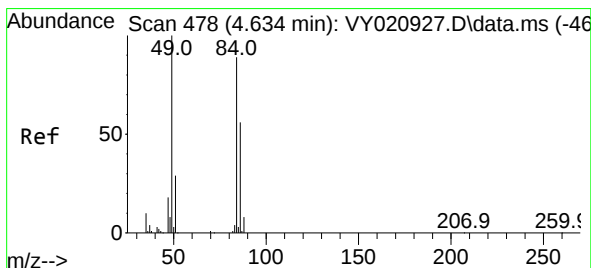
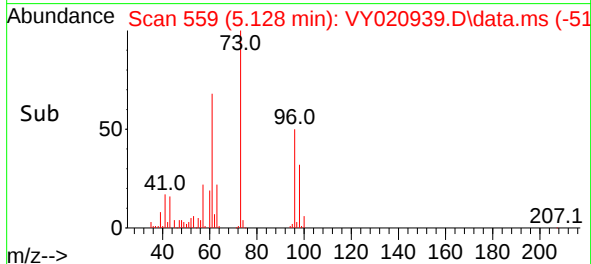
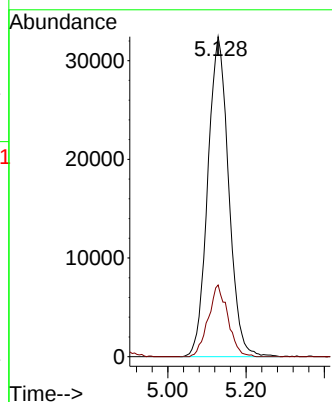
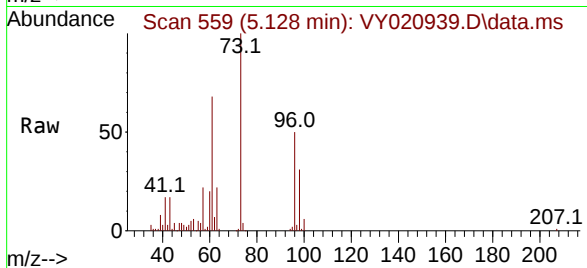
ClientSampleId :

Tgt Ion: 73 Resp: 120063

Ion Ratio Lower Upper

73 100

57 22.4 17.0 25.6



#20

Methylene Chloride

Concen: 21.323 ug/l

RT: 4.628 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Tgt Ion: 84 Resp: 48793

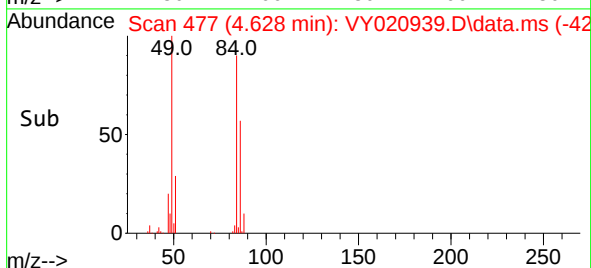
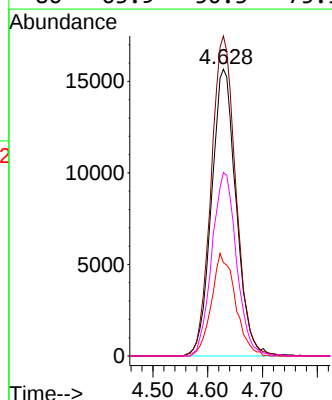
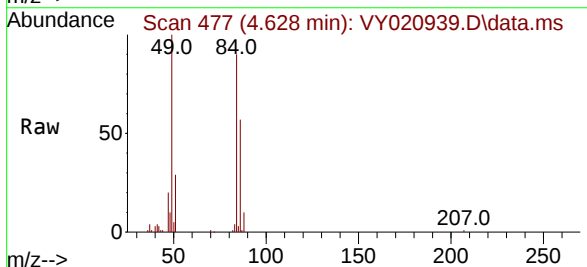
Ion Ratio Lower Upper

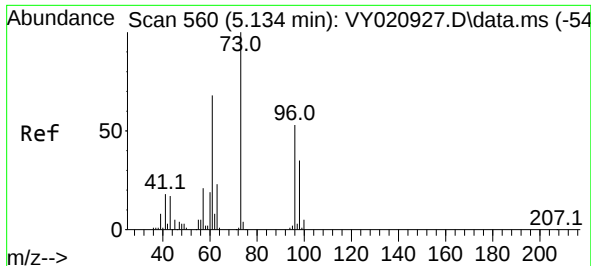
84 100

49 111.6 90.3 135.5

51 32.5 26.6 39.8

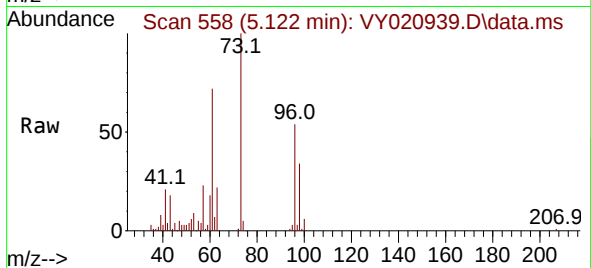
86 63.9 50.3 75.5



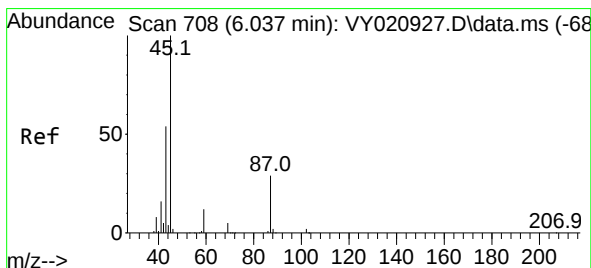
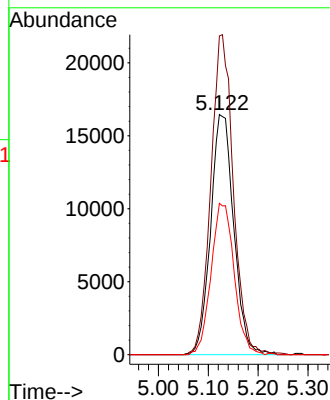
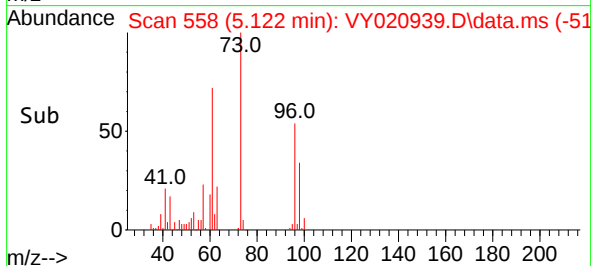


#21
trans-1,2-Dichloroethene
Concen: 21.255 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

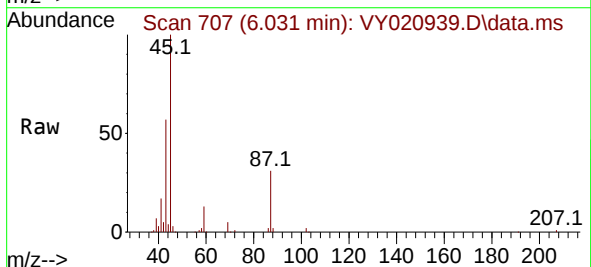
Instrument :
MSVOA_Y
ClientSampleId :



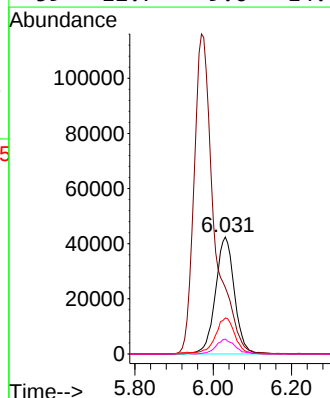
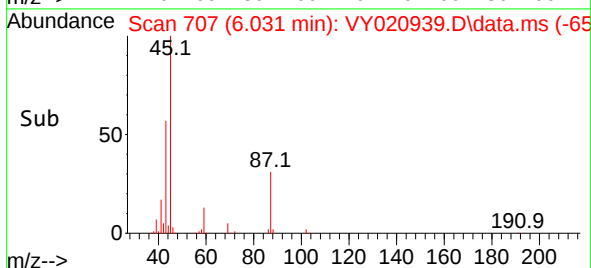
Tgt Ion: 96 Resp: 52984
Ion Ratio Lower Upper
96 100
61 132.7 102.4 153.6
98 63.1 52.0 78.0

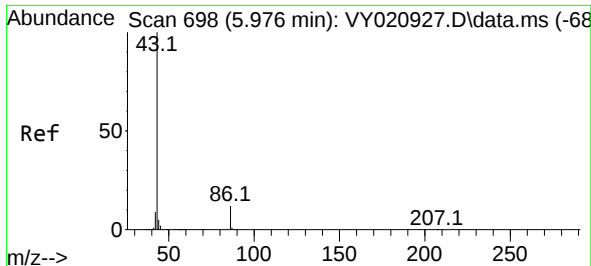


#22
Diisopropyl ether
Concen: 21.953 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54



Tgt Ion: 45 Resp: 142495
Ion Ratio Lower Upper
45 100
43 56.3 43.2 64.8
87 30.8 23.4 35.0
59 12.7 9.6 14.4

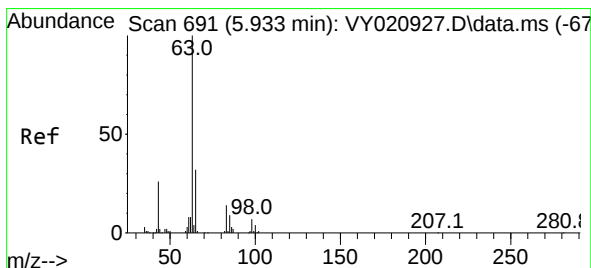
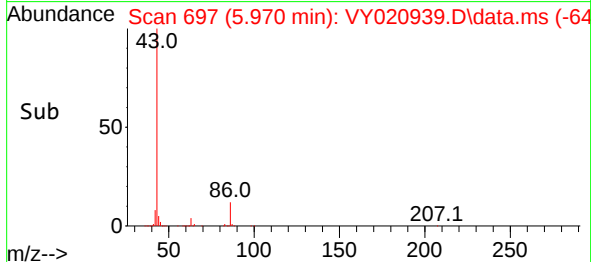
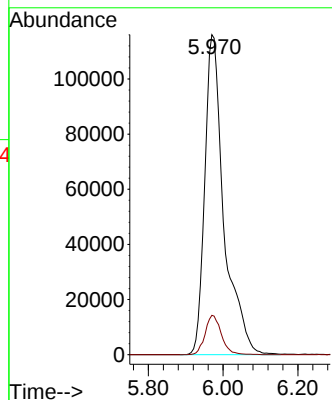
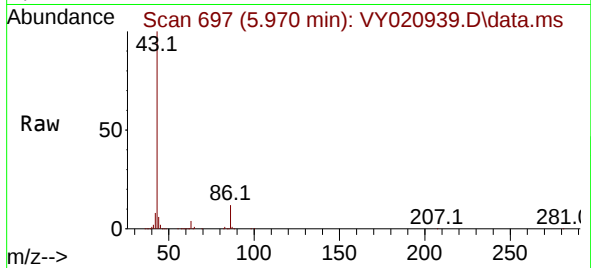




#23
Vinyl Acetate
Concen: 115.245 ug/l
RT: 5.970 min Scan# 698
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

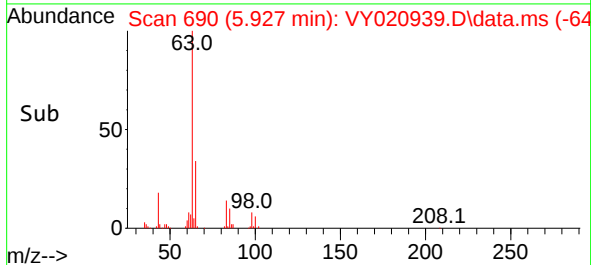
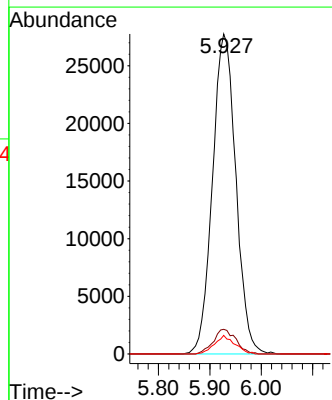
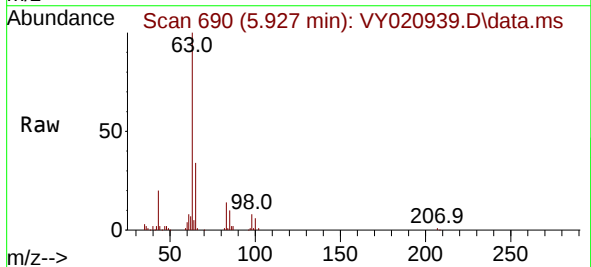
Instrument :
MSVOA_Y
ClientSampleId :

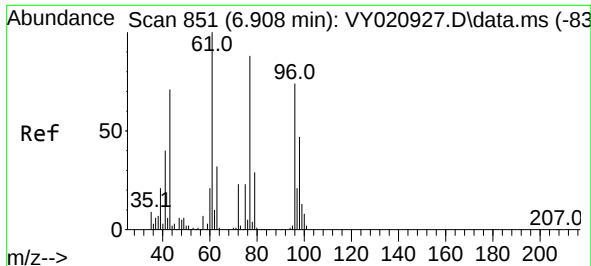
Tgt Ion: 43 Resp: 413997
Ion Ratio Lower Upper
43 100
86 12.3 9.8 14.6



#24
1,1-Dichloroethane
Concen: 21.285 ug/l
RT: 5.927 min Scan# 690
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

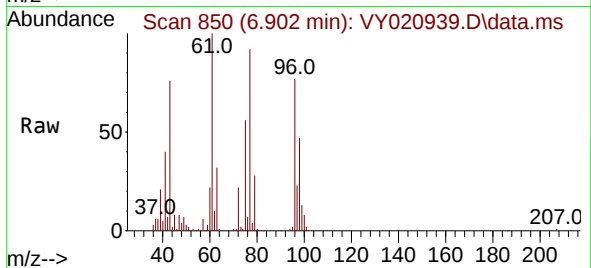
Tgt Ion: 63 Resp: 87580
Ion Ratio Lower Upper
63 100
98 7.7 3.7 11.1
100 5.8 2.3 6.8



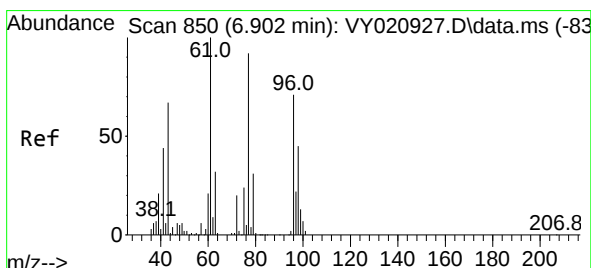
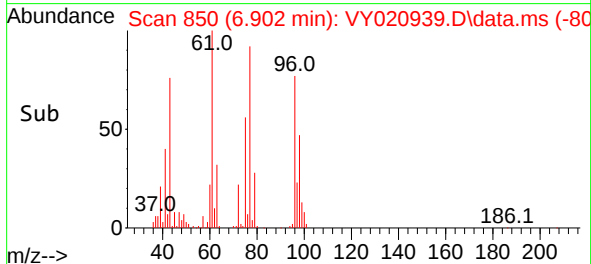
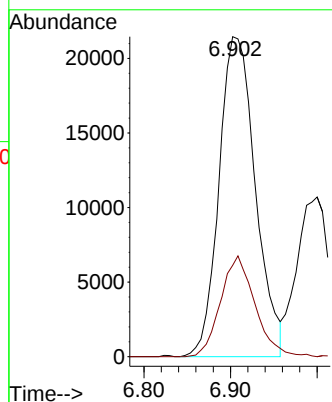


#25
2-Butanone
Concen: 120.223 ug/l
RT: 6.902 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Instrument :
MSVOA_Y
ClientSampleId :

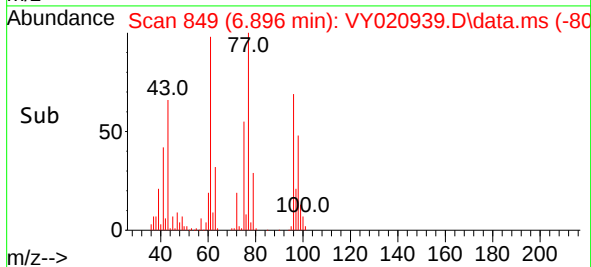
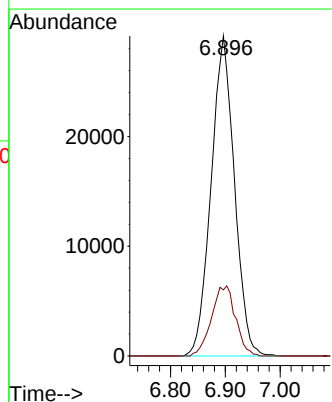
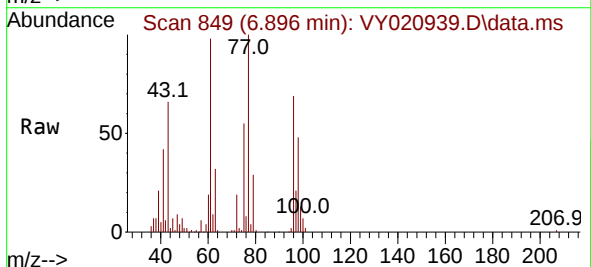


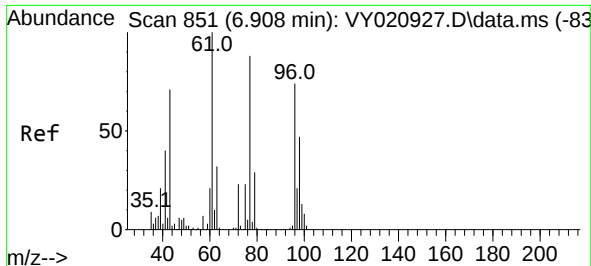
Tgt Ion: 43 Resp: 62660
Ion Ratio Lower Upper
43 100
72 28.6 25.8 38.8



#26
2,2-Dichloropropane
Concen: 21.258 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 77 Resp: 86153
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 21.437 ug/l

RT: 6.902 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

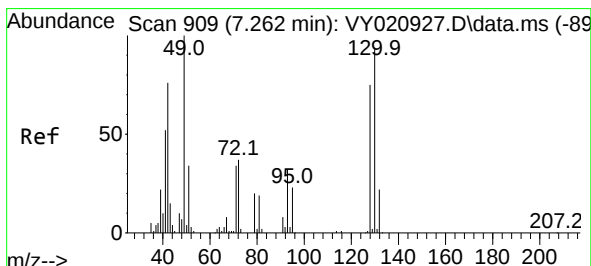
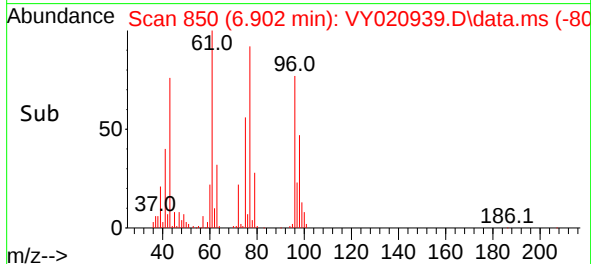
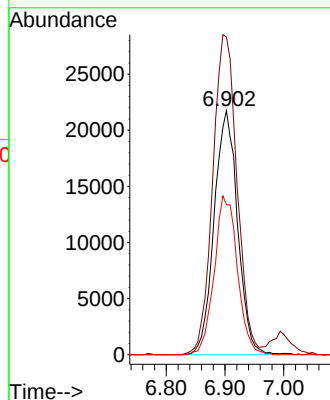
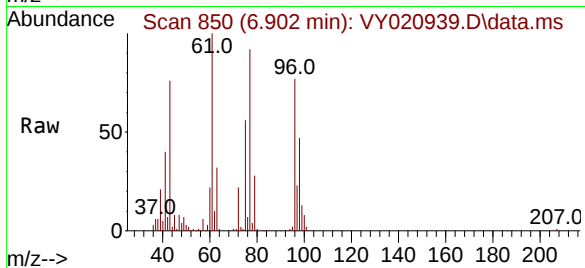
Tgt Ion: 96 Resp: 60307

Ion Ratio Lower Upper

96 100

61 136.1 0.0 275.2

98 64.2 0.0 129.6



#28

Bromochloromethane

Concen: 21.362 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

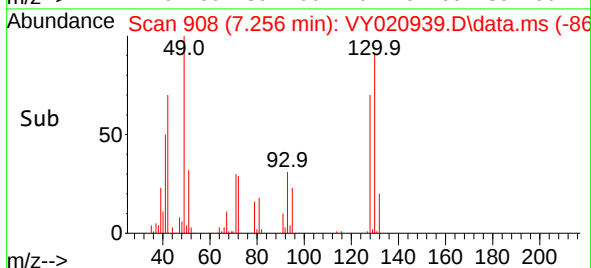
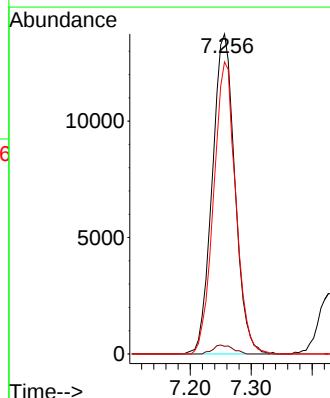
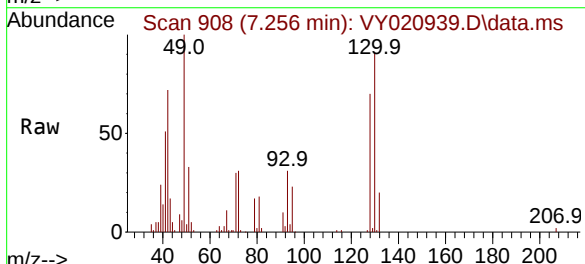
Tgt Ion: 49 Resp: 35375

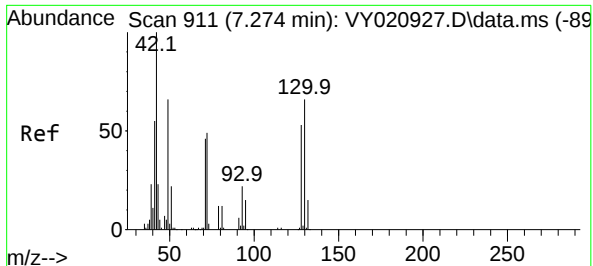
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 89.2 72.6 109.0





#29

Tetrahydrofuran

Concen: 121.924 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

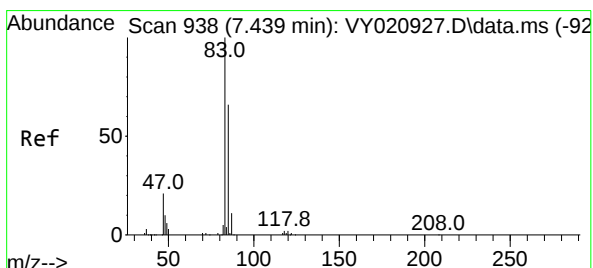
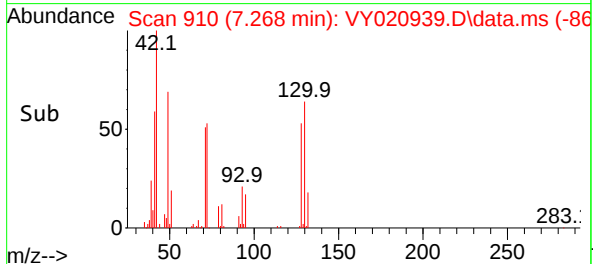
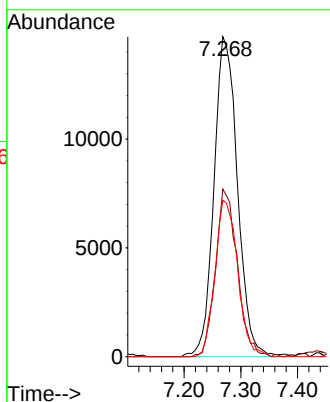
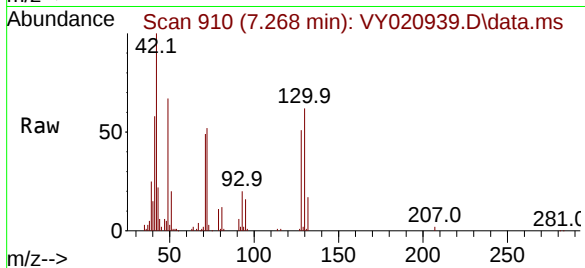
Tgt Ion: 42 Resp: 42351

Ion Ratio Lower Upper

42 100

72 48.6 38.8 58.2

71 47.2 36.4 54.6



#30

Chloroform

Concen: 21.326 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.006 min

Lab File: VY020939.D

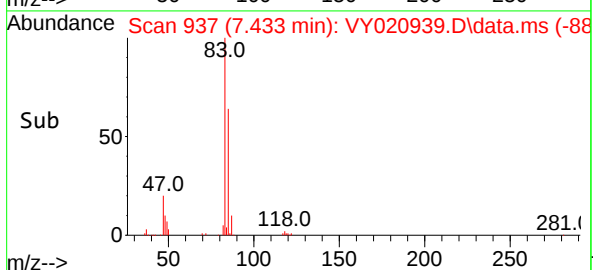
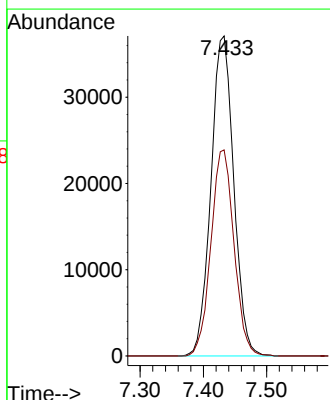
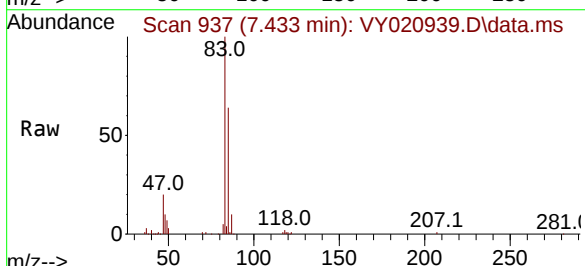
Acq: 27 Jan 2025 10:54

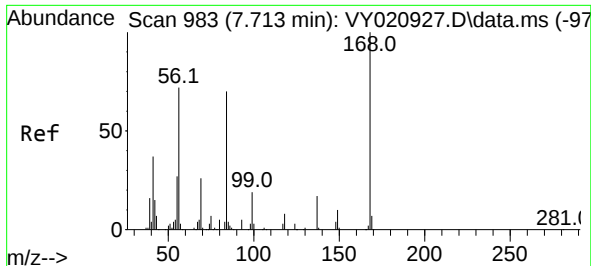
Tgt Ion: 83 Resp: 92869

Ion Ratio Lower Upper

83 100

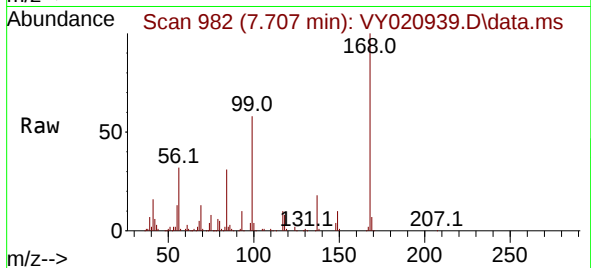
85 64.4 53.0 79.4



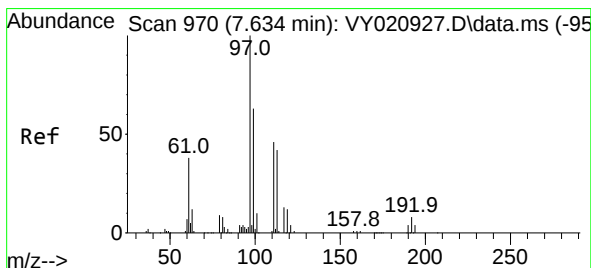
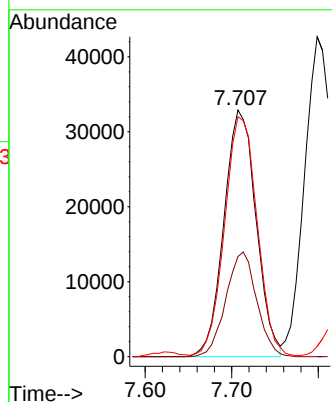
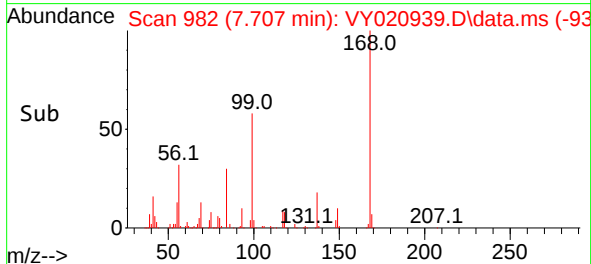


#31
Cyclohexane
Concen: 20.995 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Instrument :
MSVOA_Y
ClientSampleId :

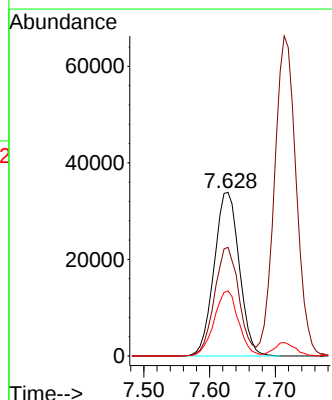
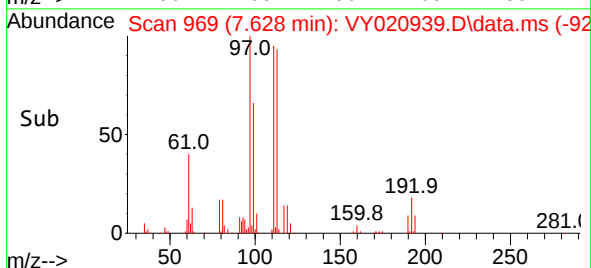
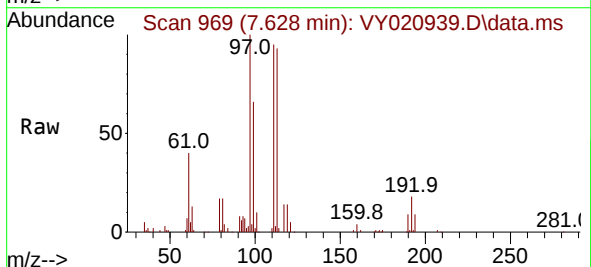


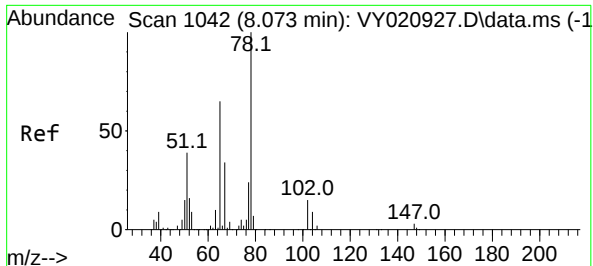
Tgt Ion: 56 Resp: 84903
Ion Ratio Lower Upper
56 100
69 40.6 28.7 43.1
84 96.5 77.4 116.0



#32
1,1,1-Trichloroethane
Concen: 21.340 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 97 Resp: 90140
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 38.5 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 49.894 ug/l

RT: 8.067 min Scan# 113305

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

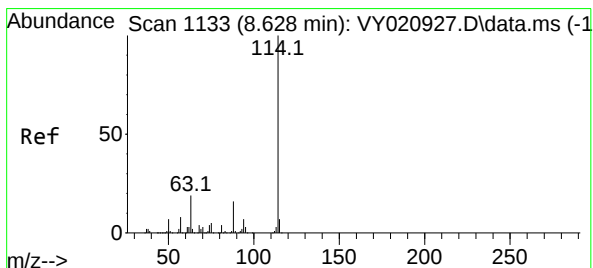
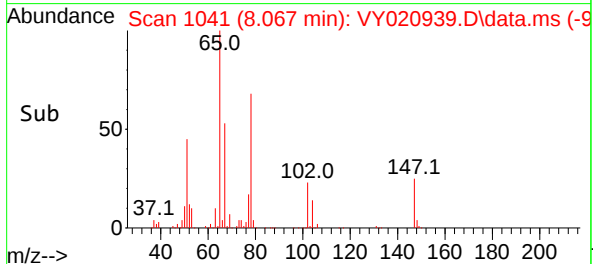
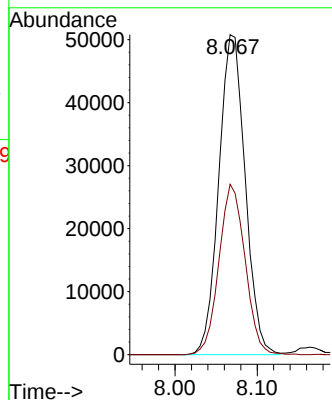
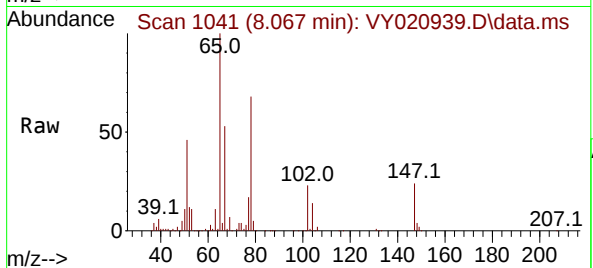
ClientSampleId :

Tgt Ion: 65 Resp: 113305

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

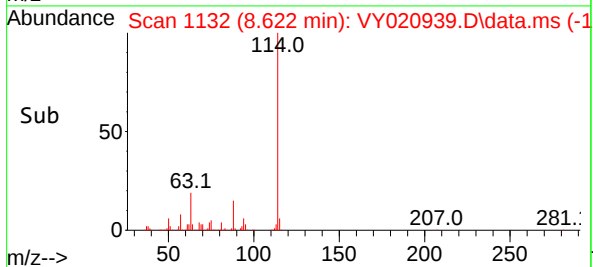
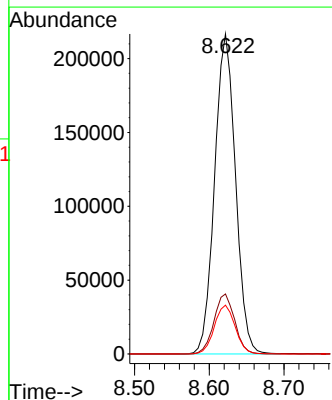
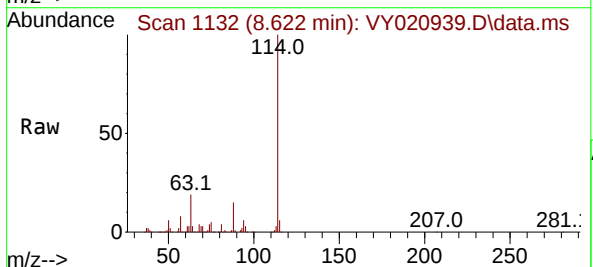
Tgt Ion: 114 Resp: 421282

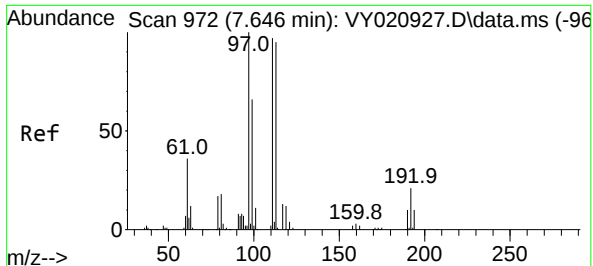
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 15.3 0.0 31.6

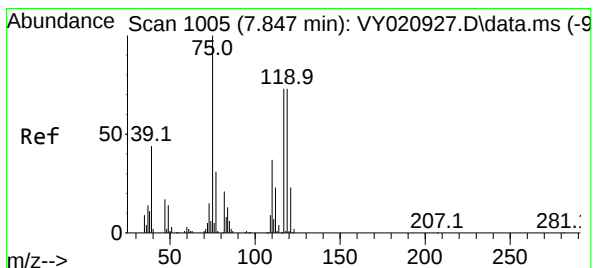
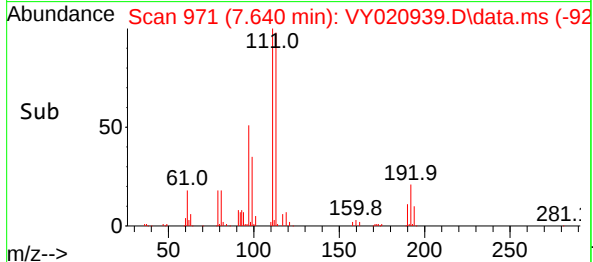
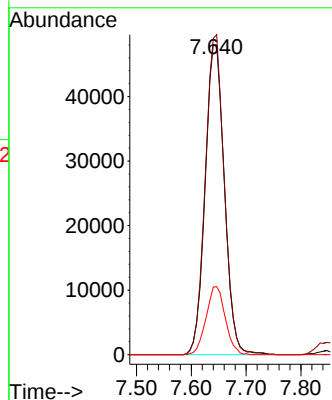
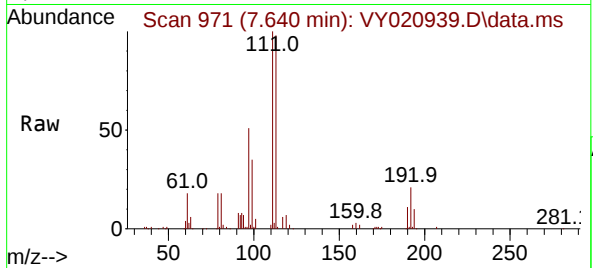




#35
Dibromofluoromethane
Concen: 48.363 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

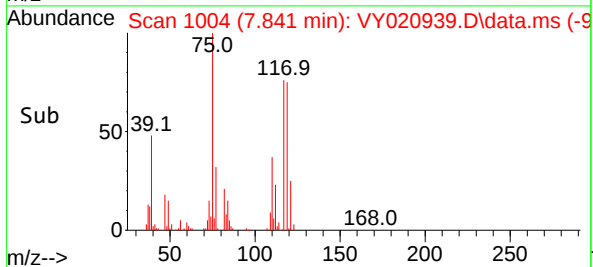
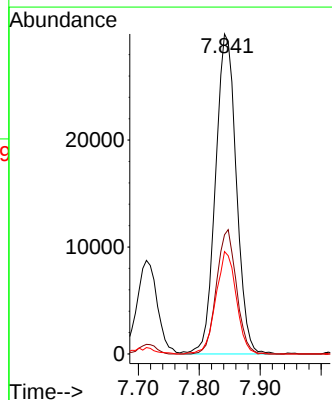
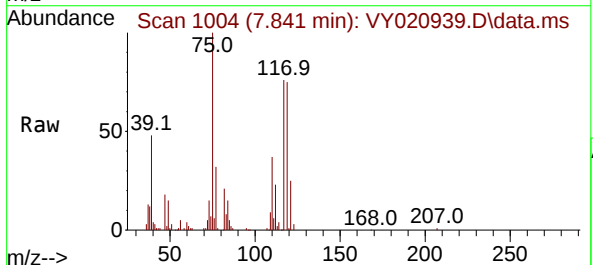
Instrument :
MSVOA_Y
ClientSampleId :

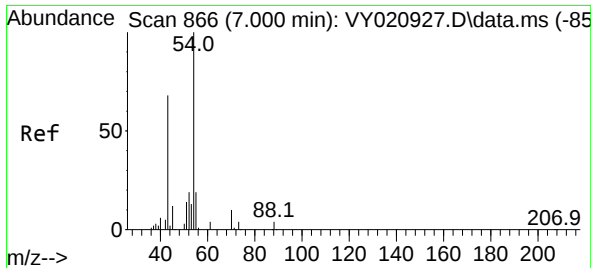
Tgt Ion:113 Resp: 116966
Ion Ratio Lower Upper
113 100
111 102.0 82.3 123.5
192 21.9 17.4 26.2



#36
1,1-Dichloropropene
Concen: 21.097 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 75 Resp: 71237
Ion Ratio Lower Upper
75 100
110 37.1 18.5 55.5
77 31.4 25.0 37.4

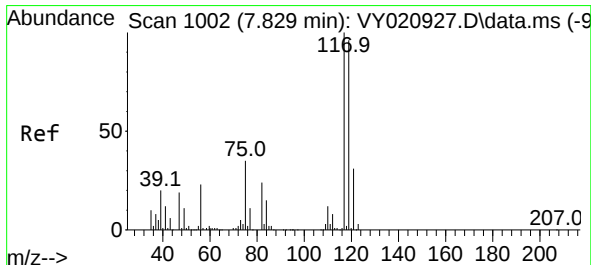
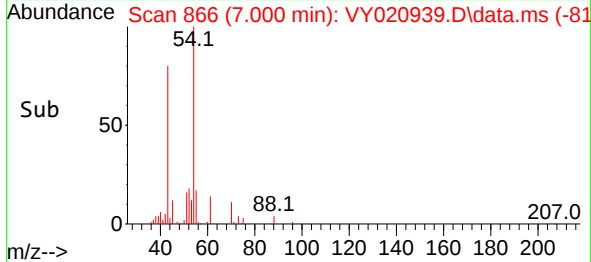
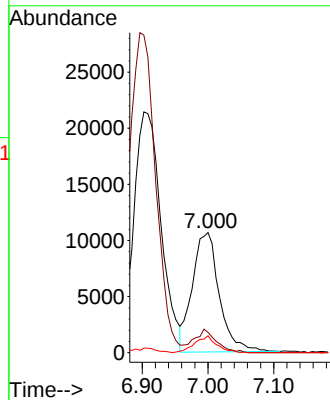
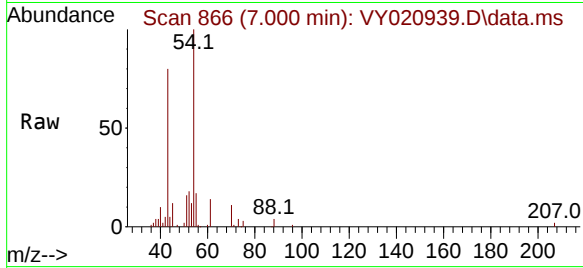




#37
Ethyl Acetate
Concen: 23.056 ug/l
RT: 7.000 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

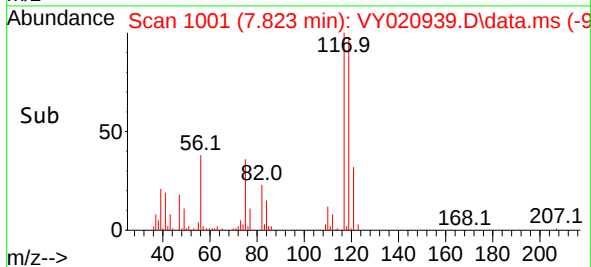
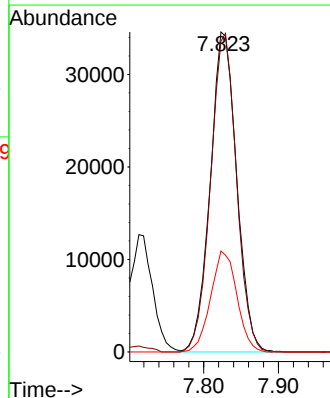
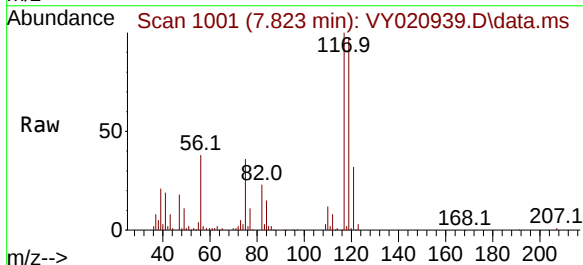
Instrument :
MSVOA_Y
ClientSampleId :

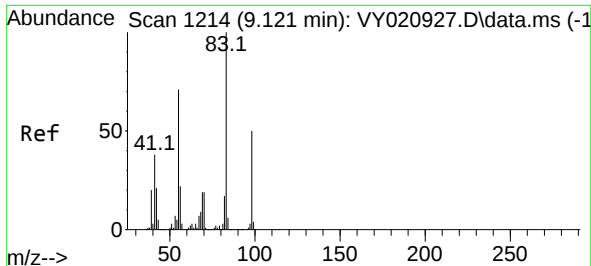
Tgt Ion: 43 Resp: 30206
Ion Ratio Lower Upper
43 100
61 16.0 12.1 18.1
70 11.6 9.5 14.3



#38
Carbon Tetrachloride
Concen: 20.855 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 117 Resp: 84923
Ion Ratio Lower Upper
117 100
119 97.2 76.5 114.7
121 31.6 25.0 37.4





#39

Methylcyclohexane

Concen: 20.969 ug/l

RT: 9.115 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

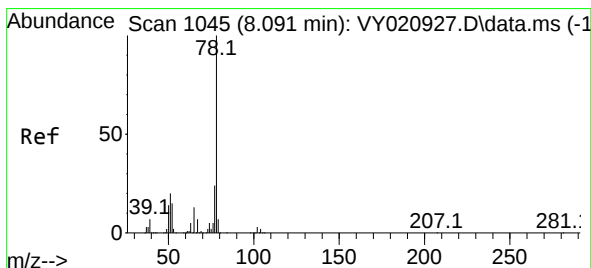
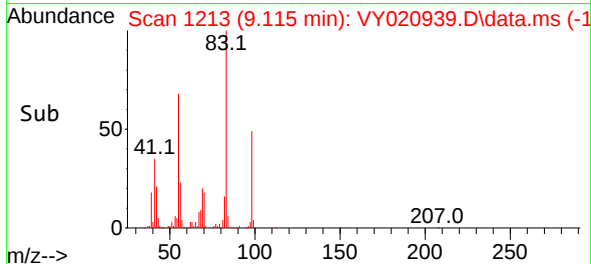
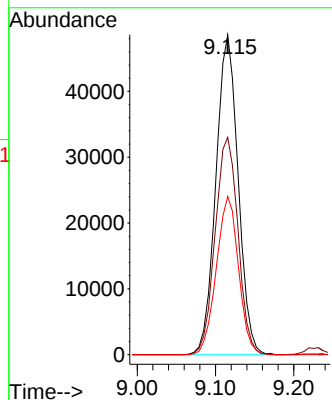
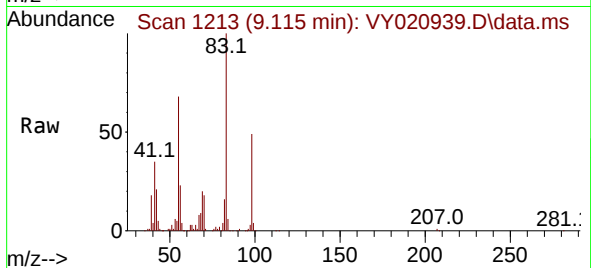
Tgt Ion: 83 Resp: 95859

Ion Ratio Lower Upper

83 100

55 67.9 57.0 85.4

98 49.5 40.1 60.1



#40

Benzene

Concen: 21.178 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020939.D

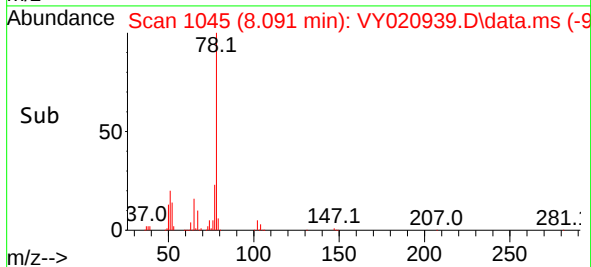
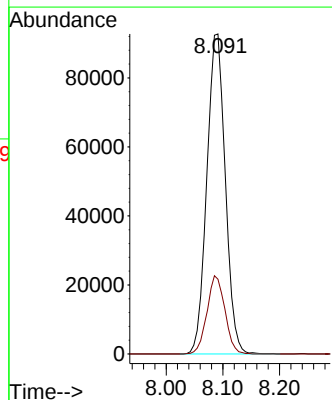
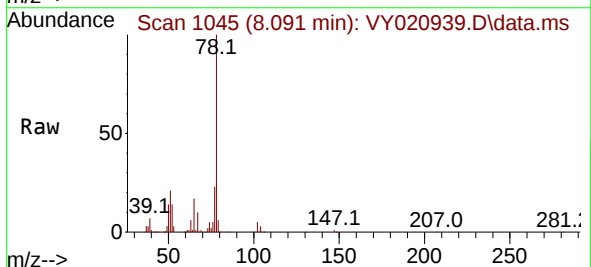
Acq: 27 Jan 2025 10:54

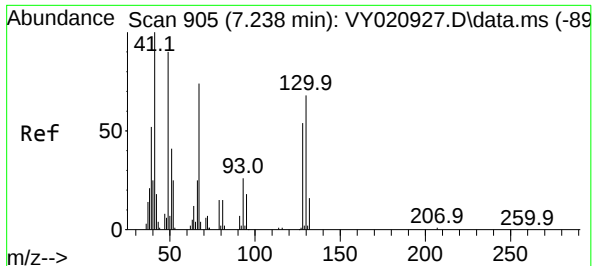
Tgt Ion: 78 Resp: 209800

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

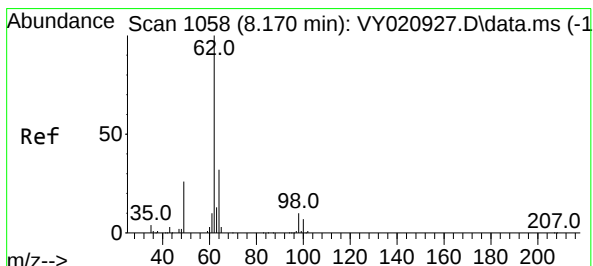
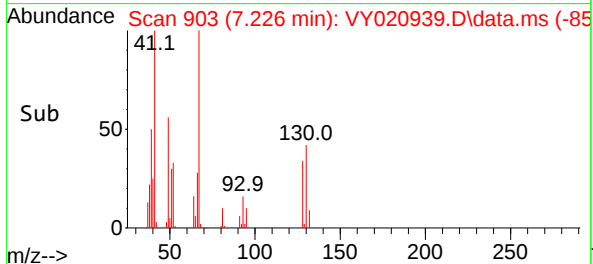
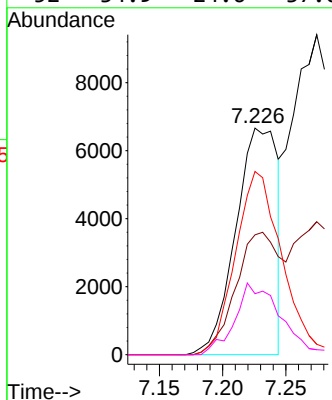
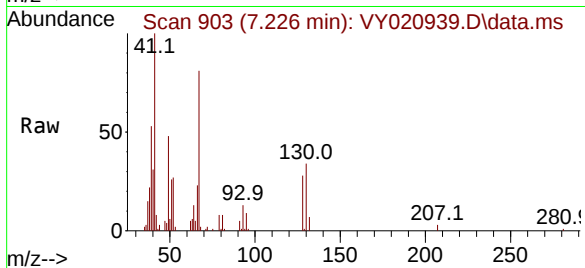




#41
Methacrylonitrile
Concen: 22.209 ug/l
RT: 7.226 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

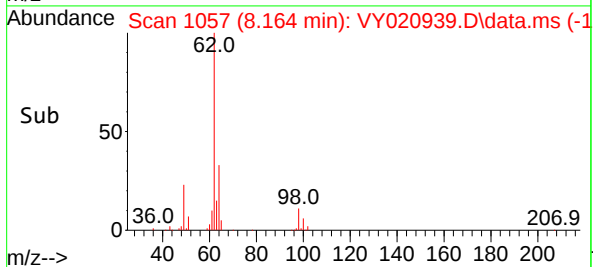
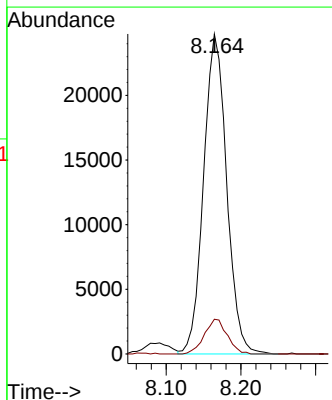
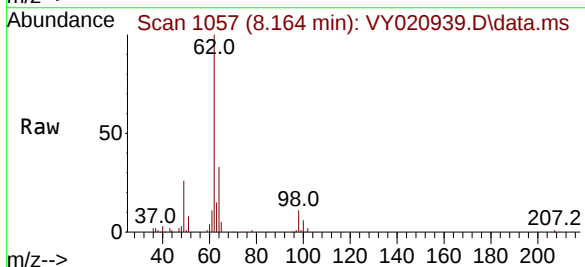
Instrument :
MSVOA_Y
ClientSampleId :

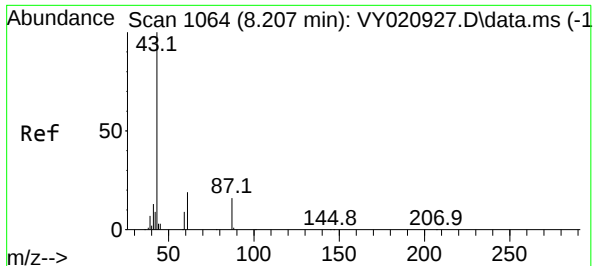
Tgt Ion:	41	Resp:	15370
Ion	Ratio	Lower	Upper
41	100		
39	59.6	46.4	69.6
67	90.1	66.7	100.1
52	34.9	24.6	37.0



#42
1,2-Dichloroethane
Concen: 21.539 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion:	62	Resp:	53093
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	19.8

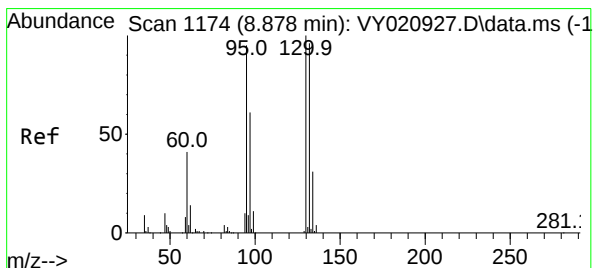
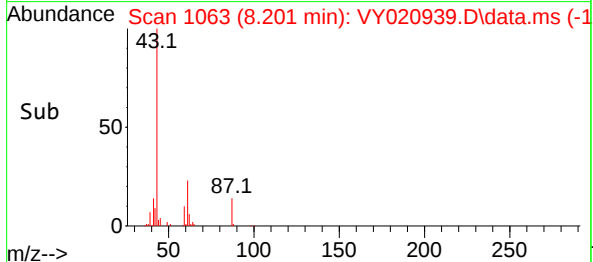
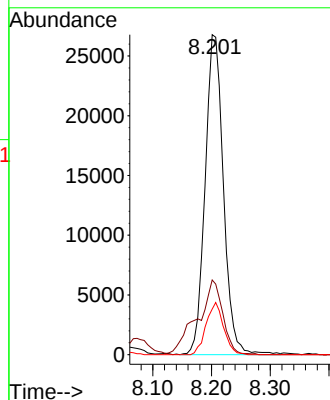
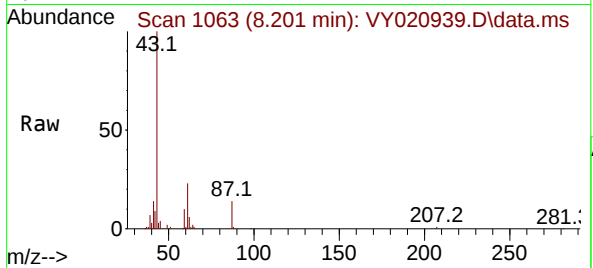




#43
Isopropyl Acetate
Concen: 23.436 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

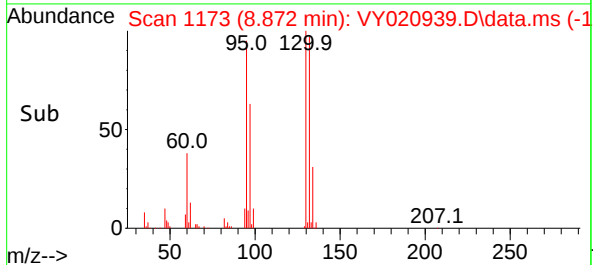
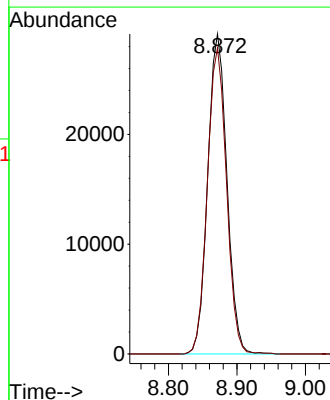
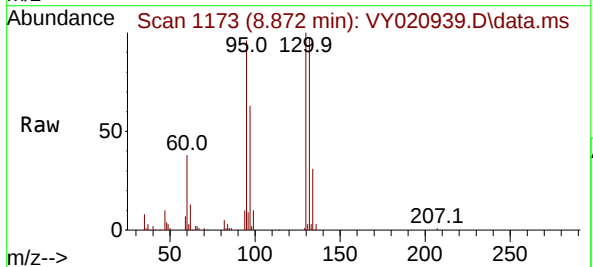
Instrument :
MSVOA_Y
ClientSampleId :

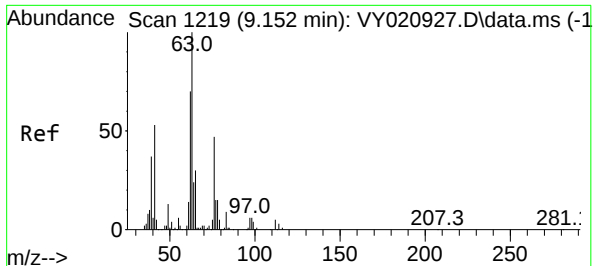
Tgt Ion: 43 Resp: 58221
Ion Ratio Lower Upper
43 100
61 32.4 26.0 39.0
87 15.5 12.4 18.6



#44
Trichloroethene
Concen: 21.131 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion:130 Resp: 56869
Ion Ratio Lower Upper
130 100
95 95.6 0.0 189.4





#45

1,2-Dichloropropane

Concen: 21.329 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

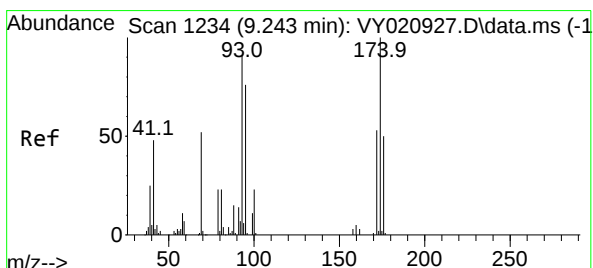
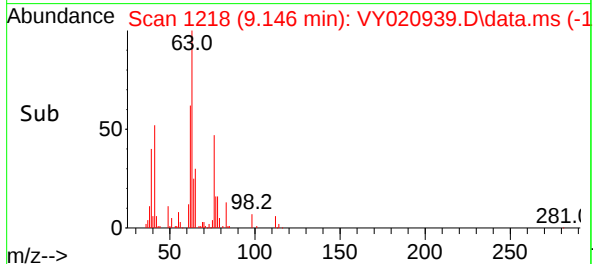
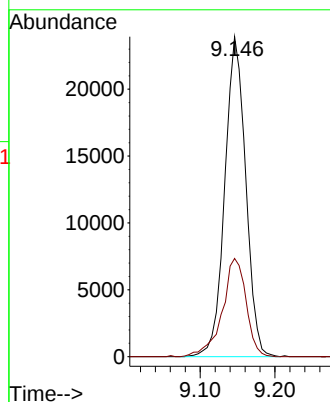
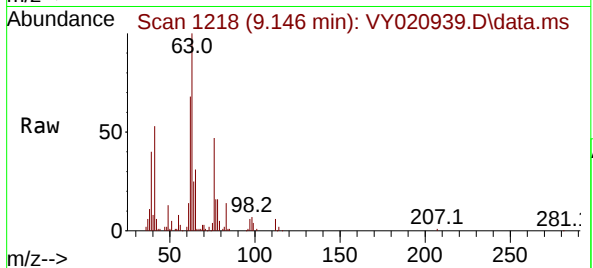
ClientSampleId :

Tgt Ion: 63 Resp: 46640

Ion Ratio Lower Upper

63 100

65 30.7 23.9 35.9



#46

Dibromomethane

Concen: 22.543 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

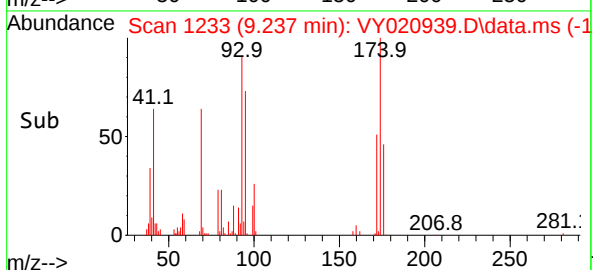
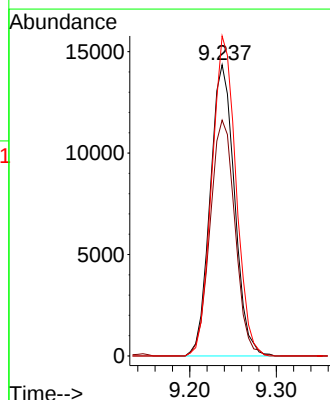
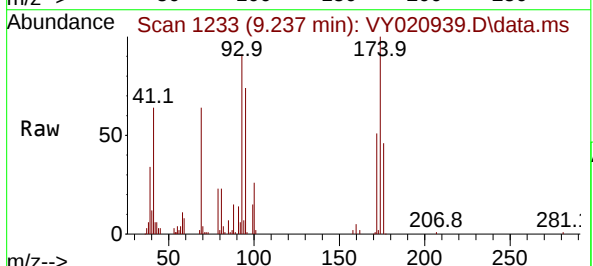
Tgt Ion: 93 Resp: 28025

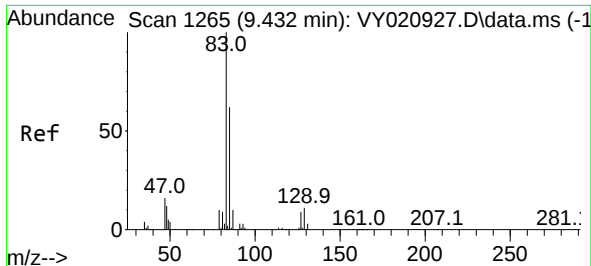
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

174 108.9 87.0 130.4

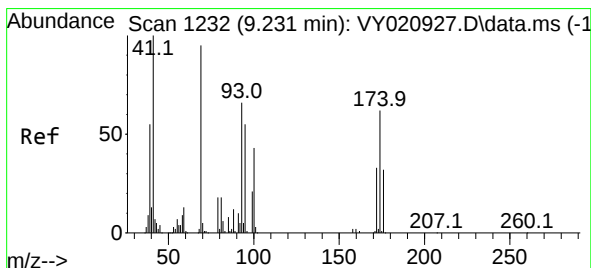
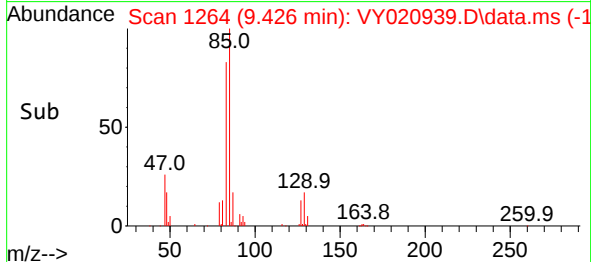
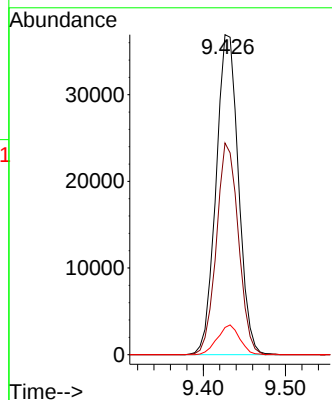
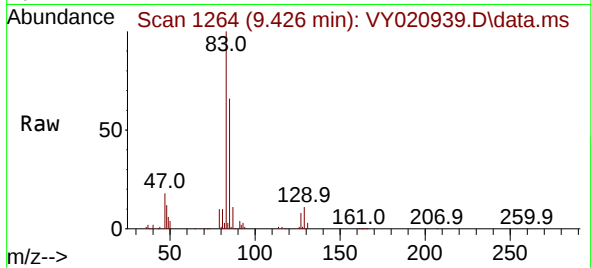




#47
Bromodichloromethane
Concen: 21.125 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

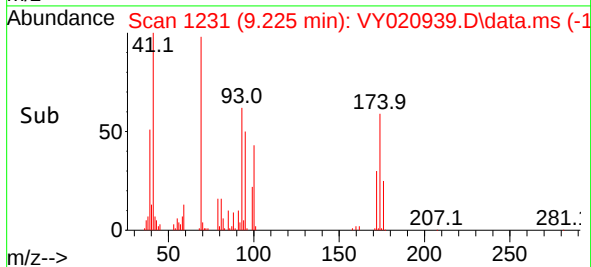
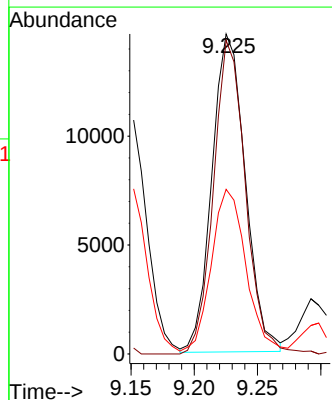
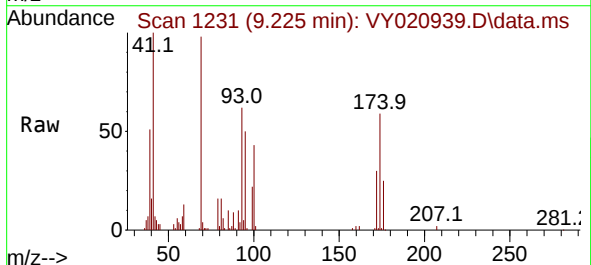
Instrument :
MSVOA_Y
ClientSampleId :

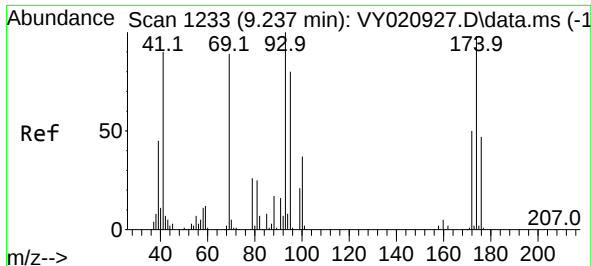
Tgt Ion: 83 Resp: 69877
Ion Ratio Lower Upper
83 100
85 66.1 49.3 73.9
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 22.856 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 41 Resp: 26785
Ion Ratio Lower Upper
41 100
69 94.7 77.0 115.4
39 52.8 41.1 61.7

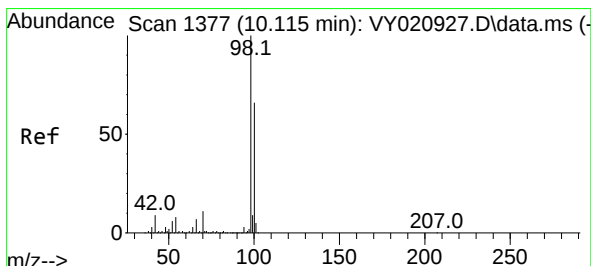
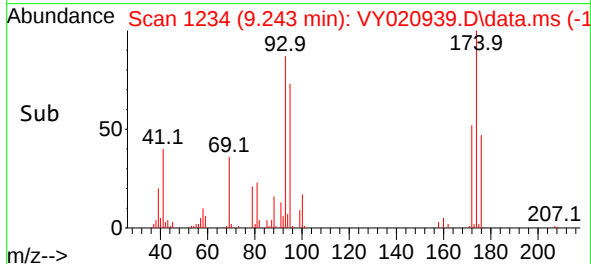
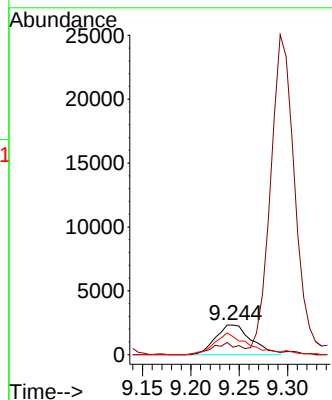
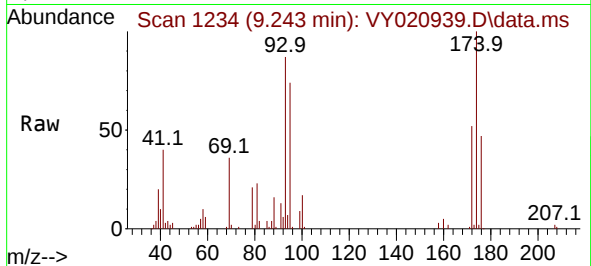




#49
1,4-Dioxane
Concen: 469.849 ug/l
RT: 9.243 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

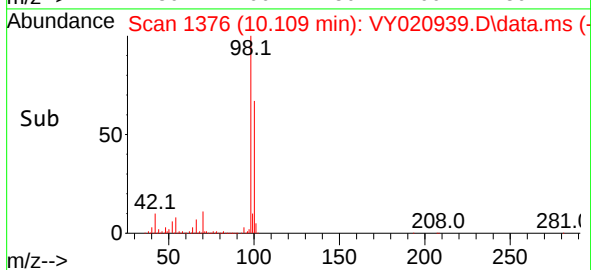
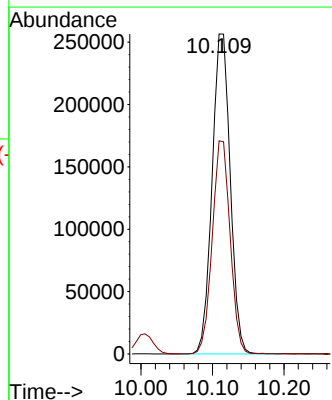
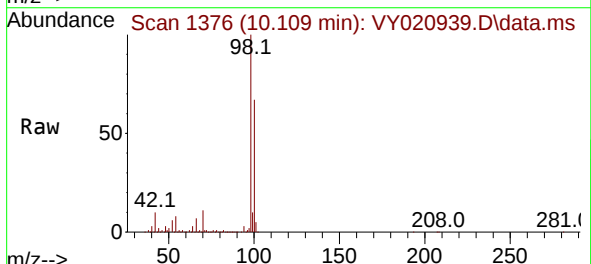
Instrument :
MSVOA_Y
ClientSampleId :

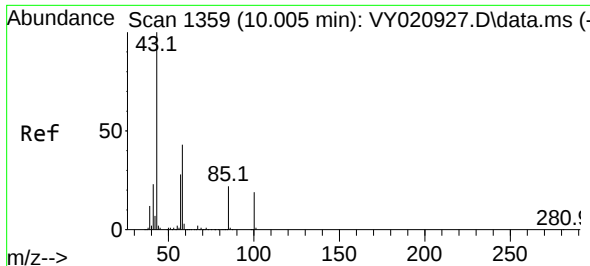
Tgt Ion: 88 Resp: 6014
Ion Ratio Lower Upper
88 100
43 30.0 23.1 34.7
58 73.0 49.0 73.6



#50
Toluene-d8
Concen: 48.271 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 98 Resp: 452829
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

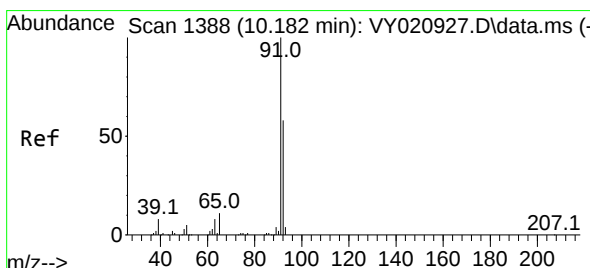
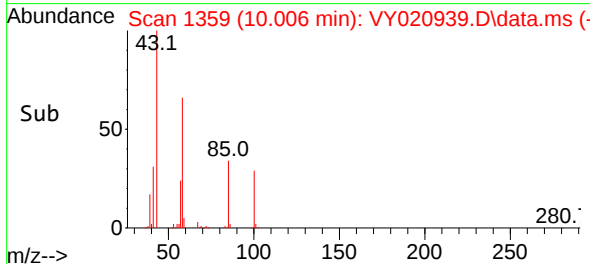
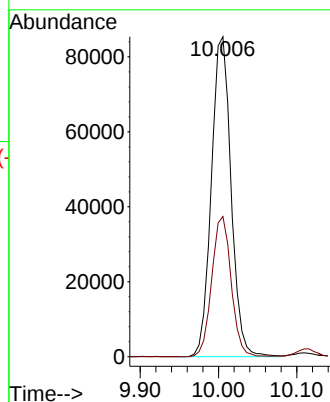
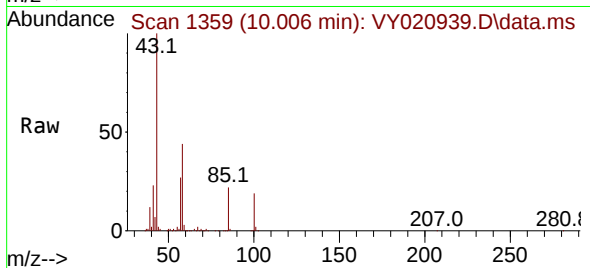




#51
4-Methyl-2-Pentanone
Concen: 119.182 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

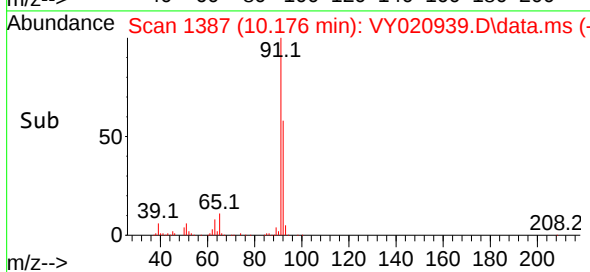
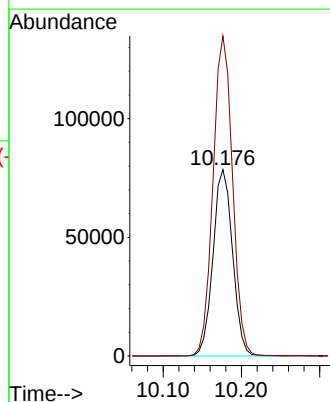
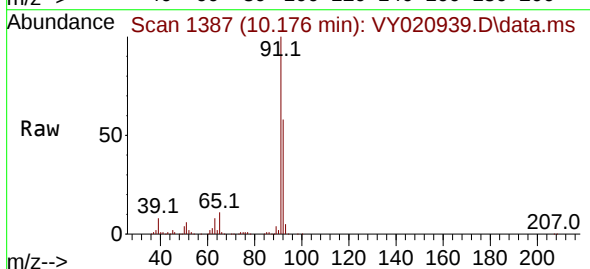
Instrument :
MSVOA_Y
ClientSampleId :

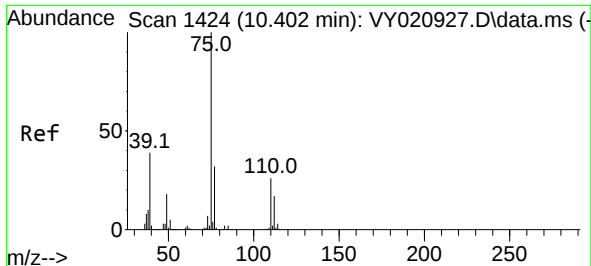
Tgt Ion: 43 Resp: 149292
Ion Ratio Lower Upper
43 100
58 43.2 33.7 50.5



#52
Toluene
Concen: 21.339 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 92 Resp: 135955
Ion Ratio Lower Upper
92 100
91 171.6 137.3 205.9

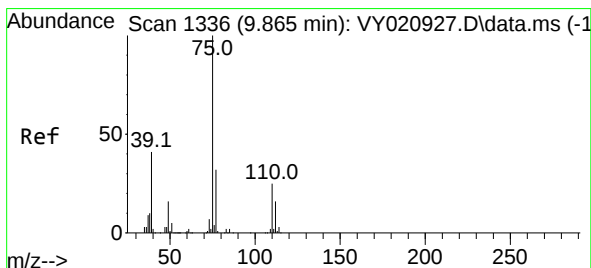
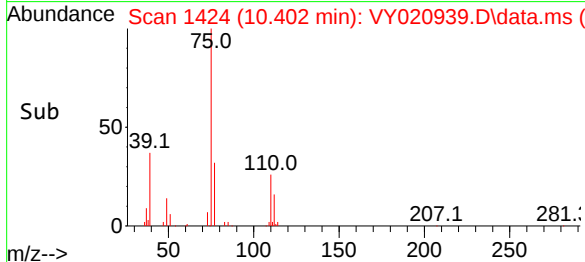
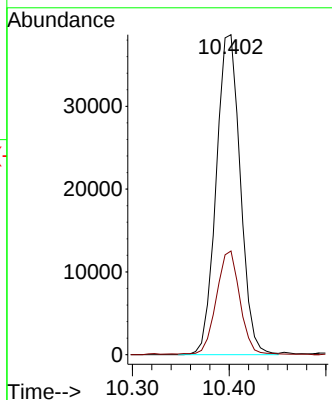
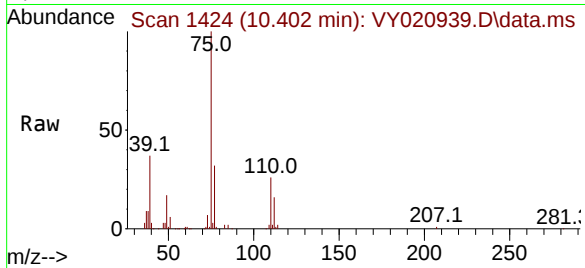




#53
t-1,3-Dichloropropene
Concen: 22.037 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

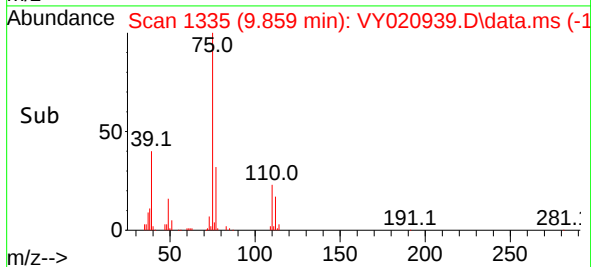
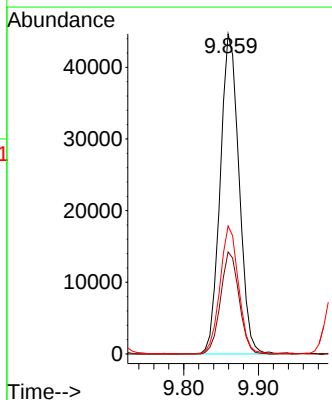
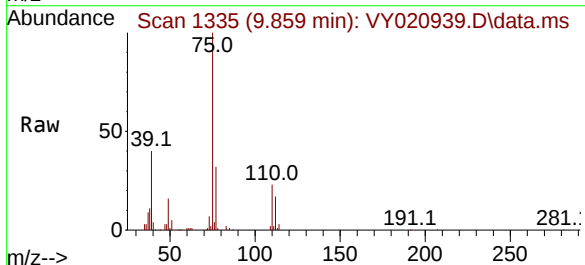
Instrument :
MSVOA_Y
ClientSampleId :

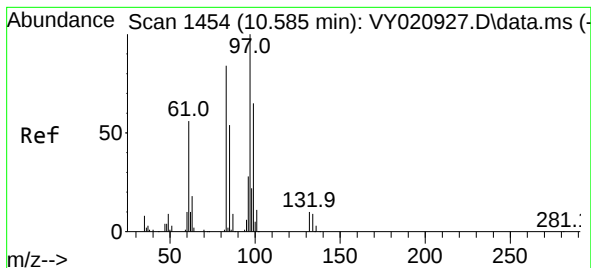
Tgt Ion: 75 Resp: 66836
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.653 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 75 Resp: 78415
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
39 40.0 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 22.587 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 37955

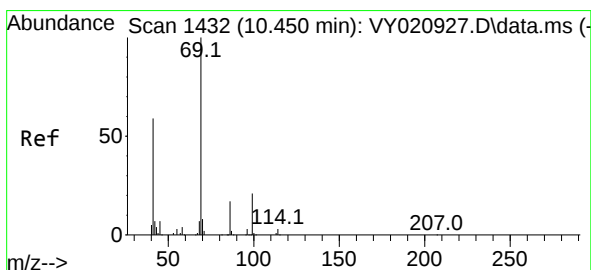
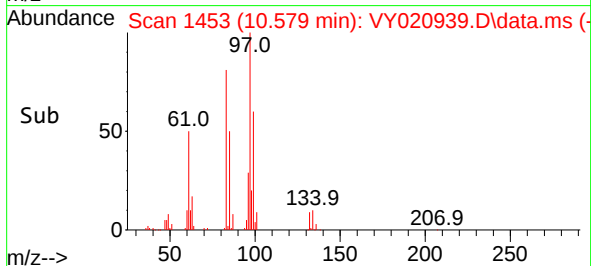
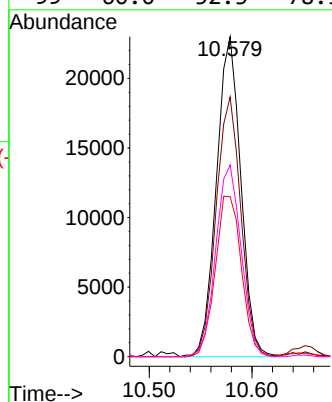
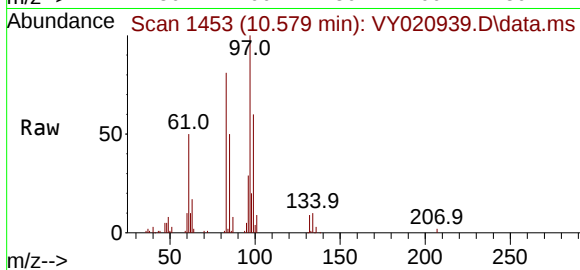
Ion Ratio Lower Upper

97 100

83 81.1 67.0 100.6

85 50.0 43.1 64.7

99 60.0 52.3 78.5



#56

Ethyl methacrylate

Concen: 23.086 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

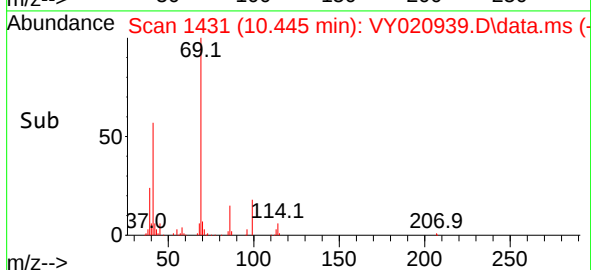
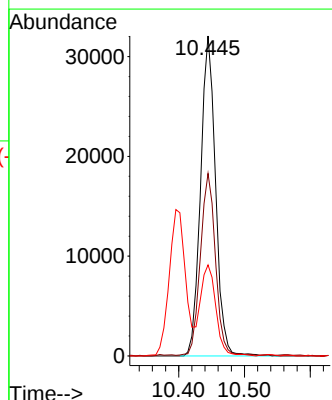
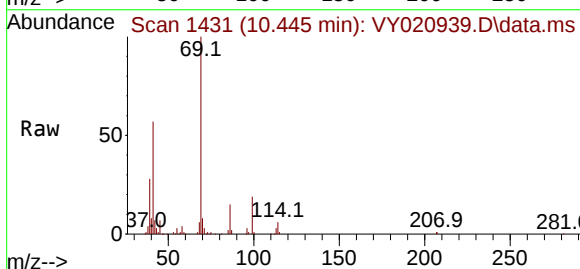
Tgt Ion: 69 Resp: 50841

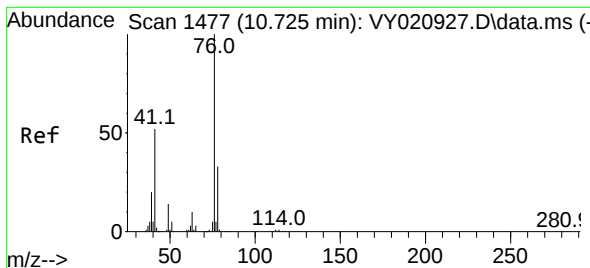
Ion Ratio Lower Upper

69 100

41 58.1 46.6 70.0

39 30.4 23.9 35.9





#57

1,3-Dichloropropane

Concen: 22.109 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

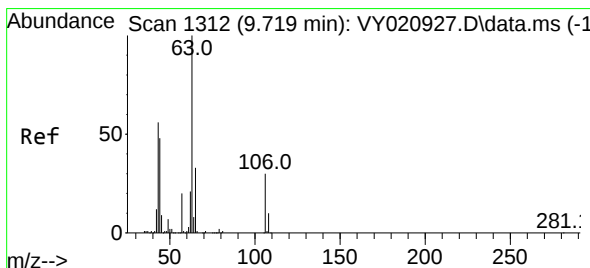
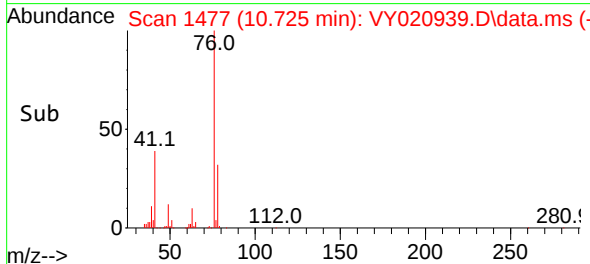
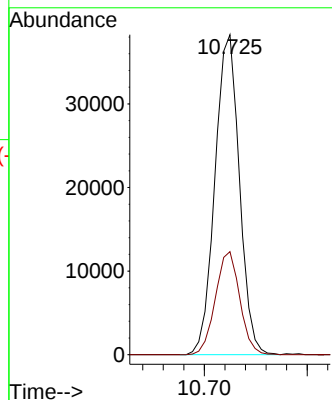
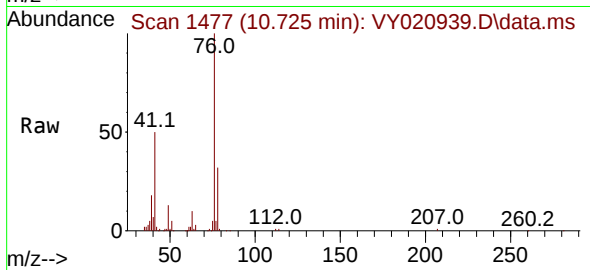
ClientSampleId :

Tgt Ion: 76 Resp: 63115

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 115.673 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020939.D

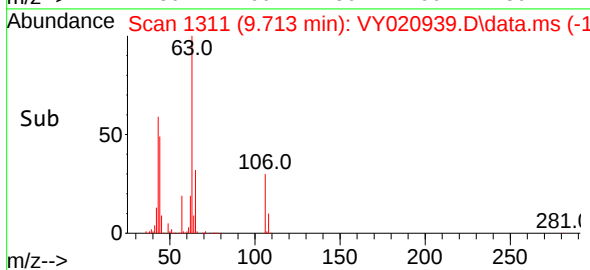
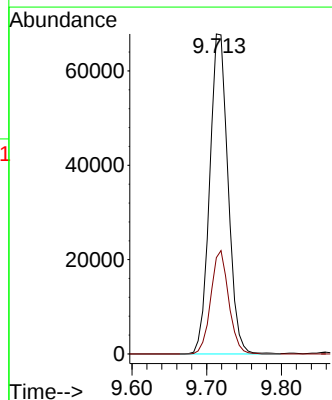
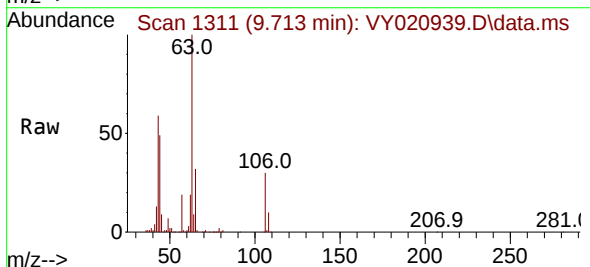
Acq: 27 Jan 2025 10:54

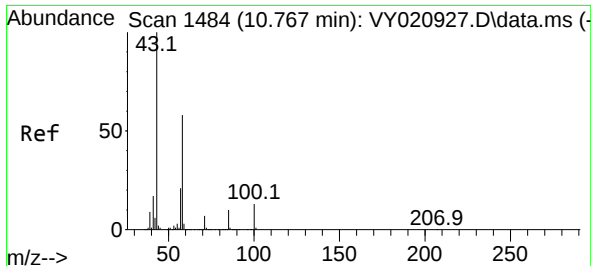
Tgt Ion: 63 Resp: 115619

Ion Ratio Lower Upper

63 100

106 31.4 24.7 37.1

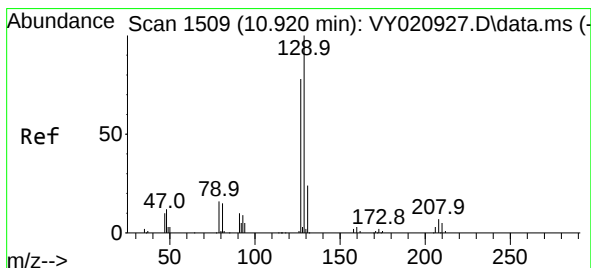
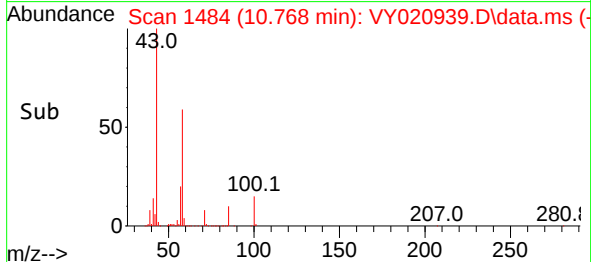
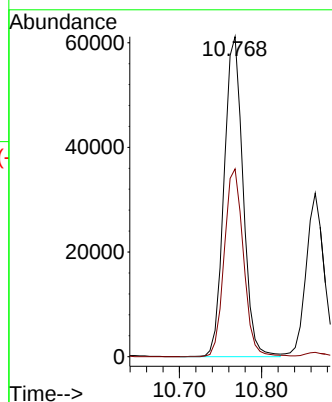
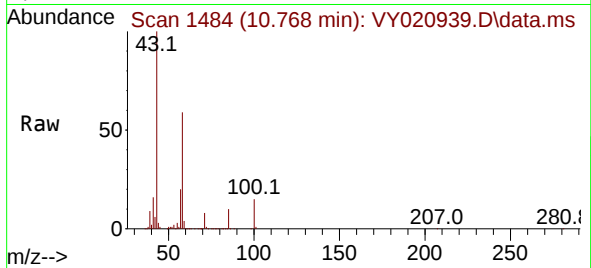




#59
2-Hexanone
Concen: 121.392 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

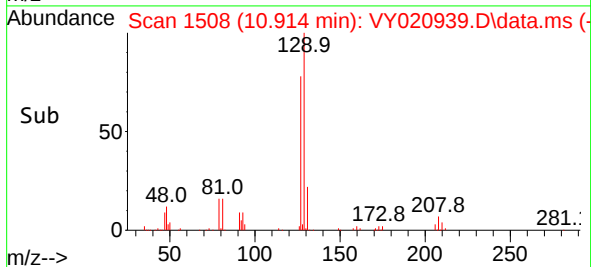
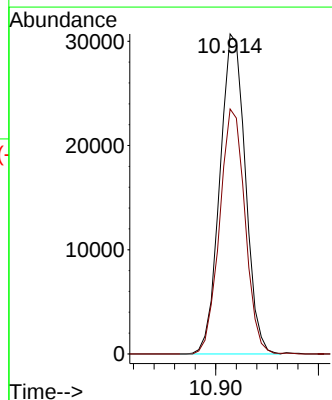
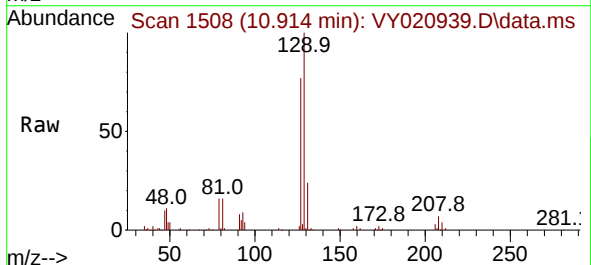
Instrument :
MSVOA_Y
ClientSampleId :

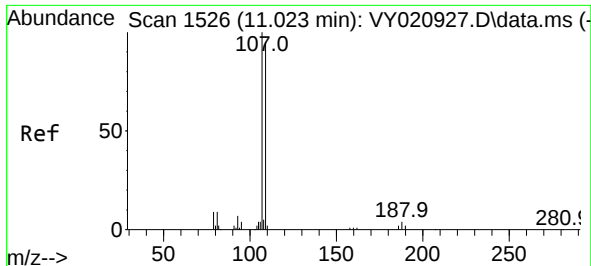
Tgt Ion: 43 Resp: 97780
Ion Ratio Lower Upper
43 100
58 59.5 29.9 89.8



#60
Dibromochloromethane
Concen: 22.348 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion:129 Resp: 52852
Ion Ratio Lower Upper
129 100
127 76.2 39.2 117.6

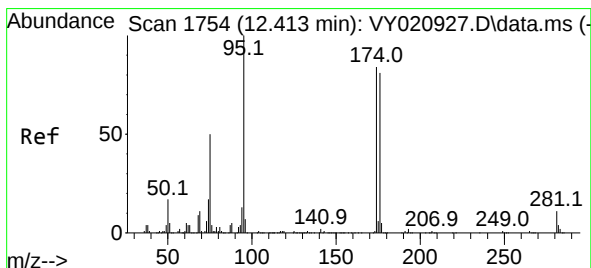
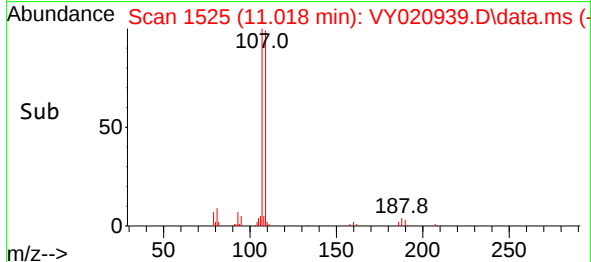
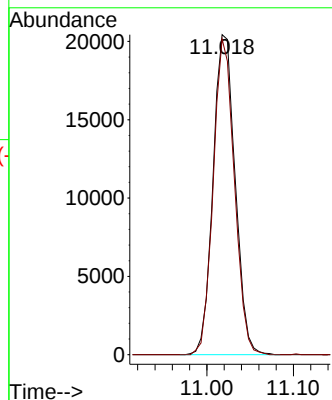
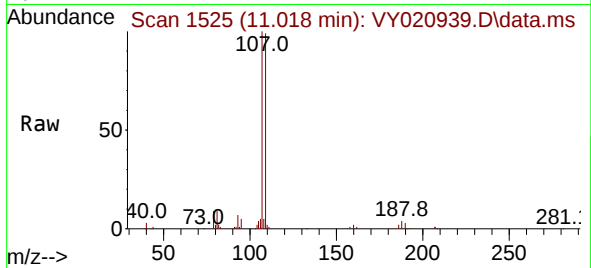




#61
1,2-Dibromoethane
Concen: 22.541 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

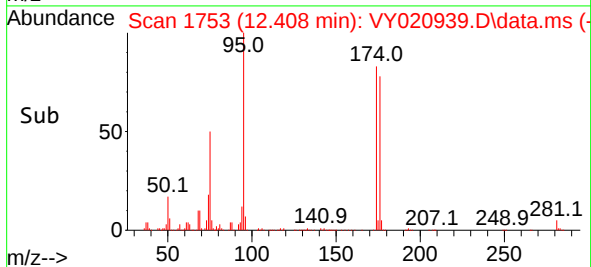
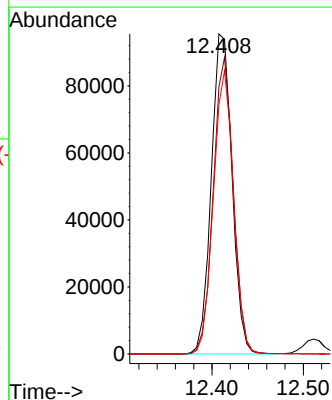
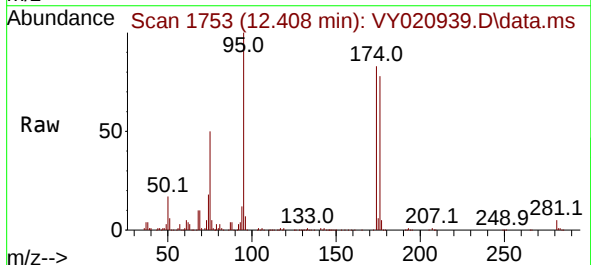
Instrument :
MSVOA_Y
ClientSampleId :

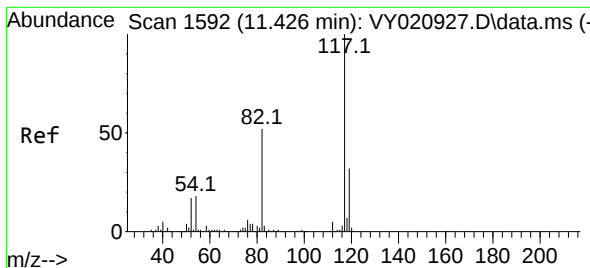
Tgt Ion:107 Resp: 36229
Ion Ratio Lower Upper
107 100
109 94.3 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 48.345 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 95 Resp: 150937
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.4
176 86.4 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

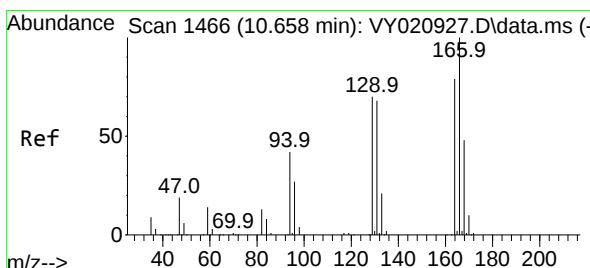
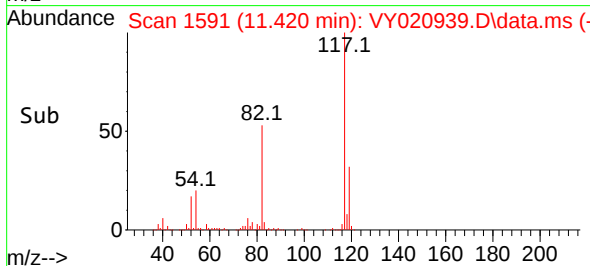
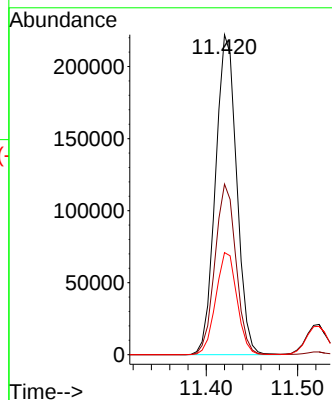
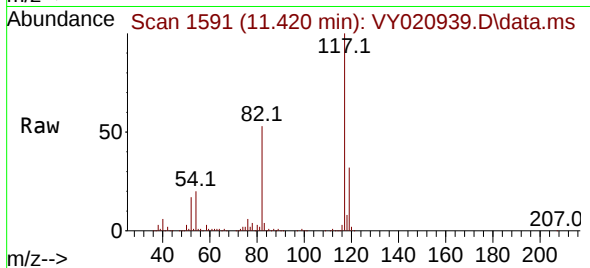
Tgt Ion:117 Resp: 357449

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.8

119 31.9 26.0 39.0



#64

Tetrachloroethene

Concen: 20.956 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Tgt Ion:164 Resp: 52128

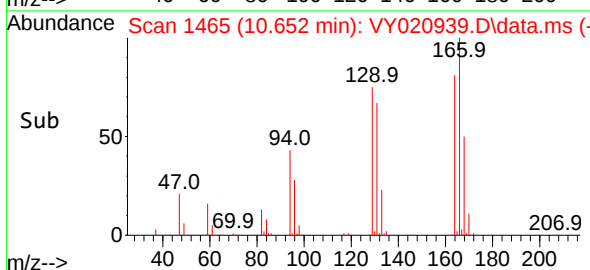
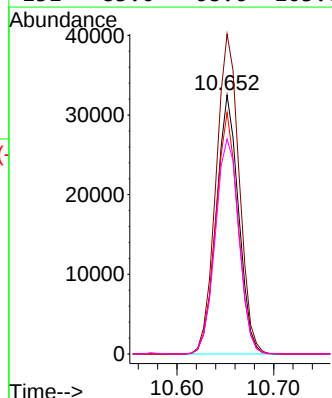
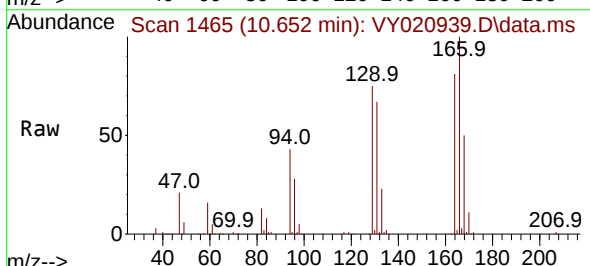
Ion Ratio Lower Upper

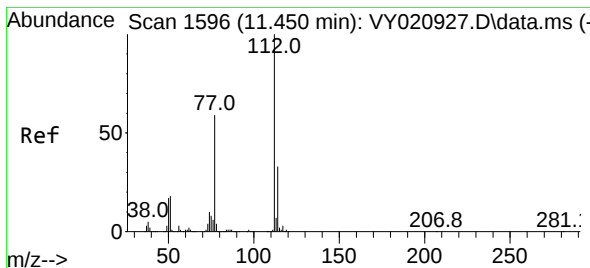
164 100

166 123.6 101.0 151.6

129 93.3 70.8 106.2

131 83.0 68.6 103.0





#65

Chlorobenzene

Concen: 20.845 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

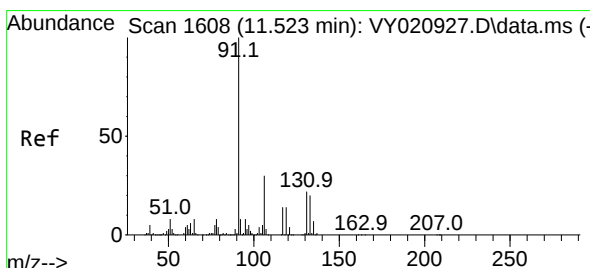
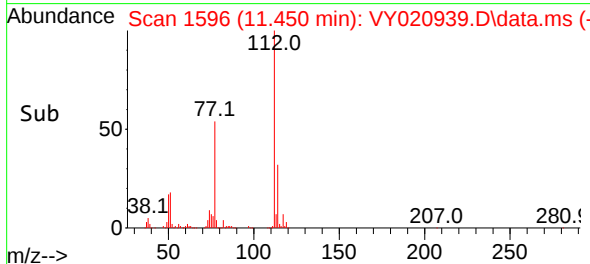
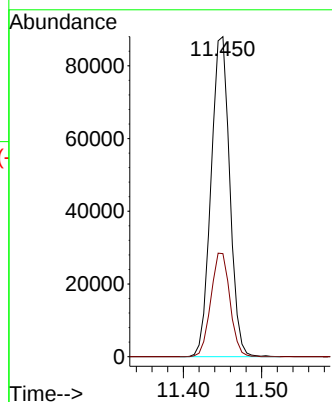
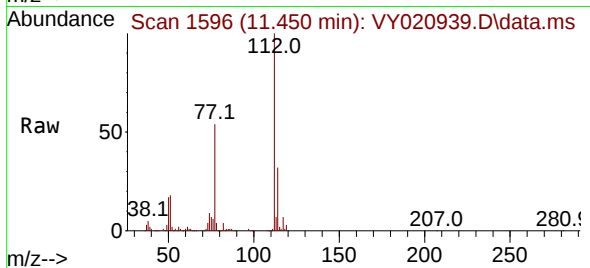
ClientSampleId :

Tgt Ion:112 Resp: 145707

Ion Ratio Lower Upper

112 100

114 32.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.001 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

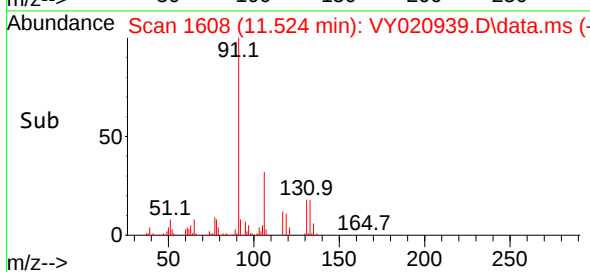
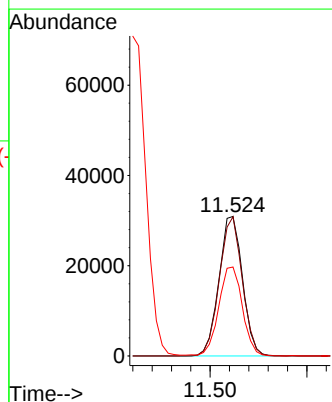
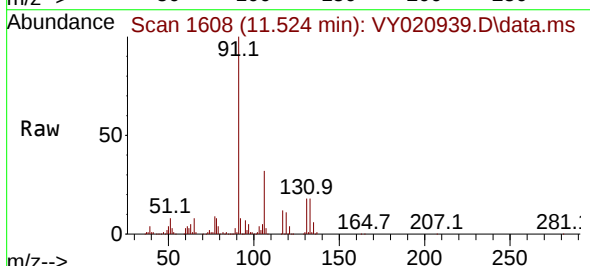
Tgt Ion:131 Resp: 52164

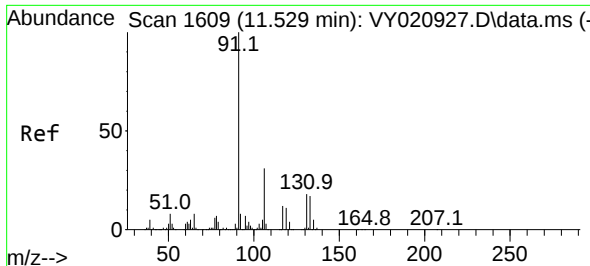
Ion Ratio Lower Upper

131 100

133 97.0 47.5 142.6

119 64.0 31.2 93.6





#67

Ethyl Benzene

Concen: 21.124 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

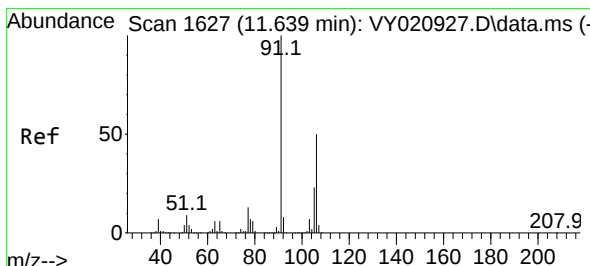
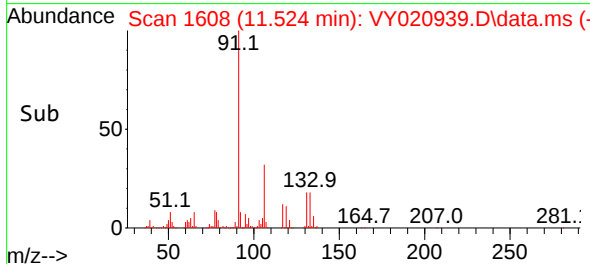
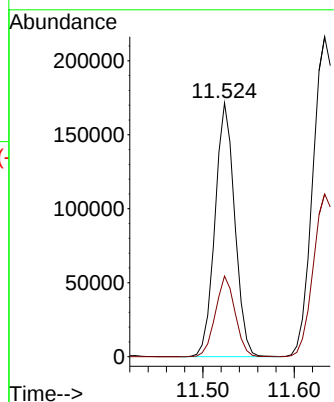
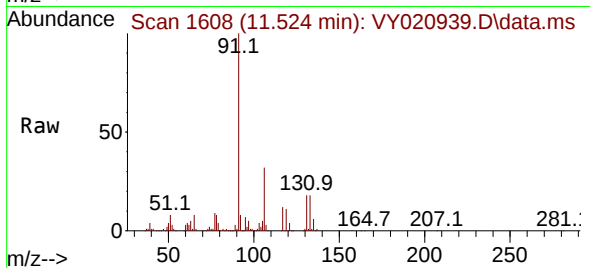
ClientSampleId :

Tgt Ion: 91 Resp: 257647

Ion Ratio Lower Upper

91 100

106 31.8 25.2 37.8



#68

m/p-Xylenes

Concen: 42.560 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.006 min

Lab File: VY020939.D

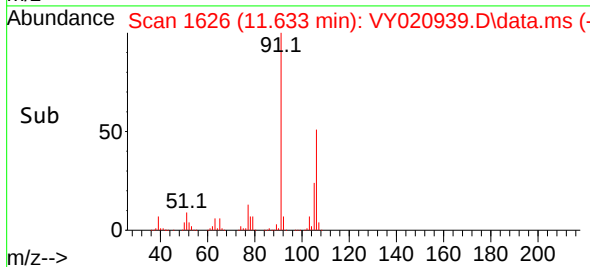
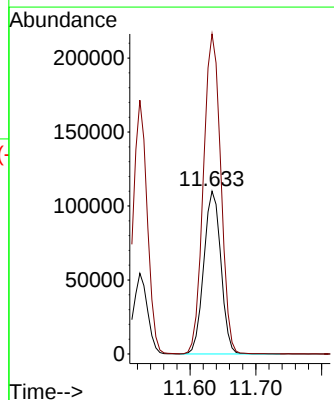
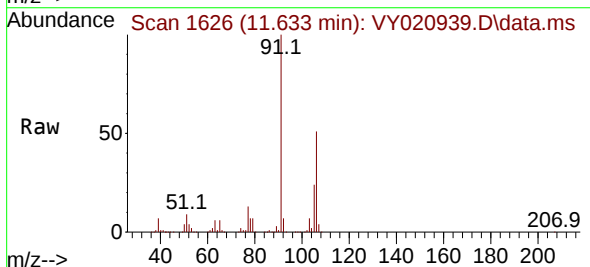
Acq: 27 Jan 2025 10:54

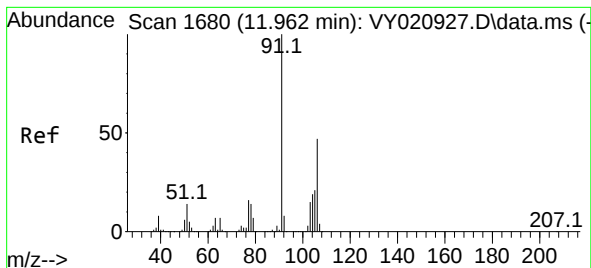
Tgt Ion:106 Resp: 198772

Ion Ratio Lower Upper

106 100

91 199.8 159.5 239.3





#69

o-Xylene

Concen: 21.530 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

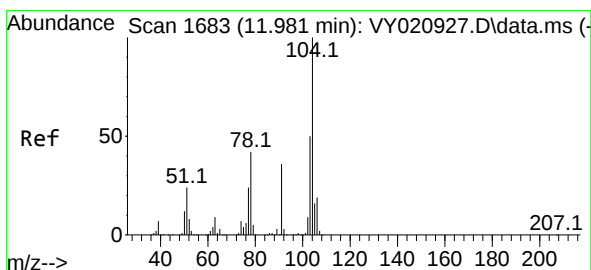
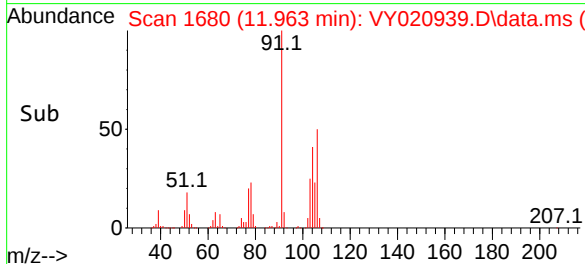
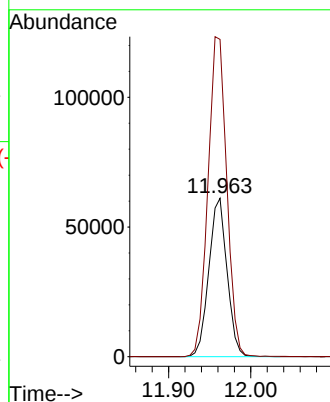
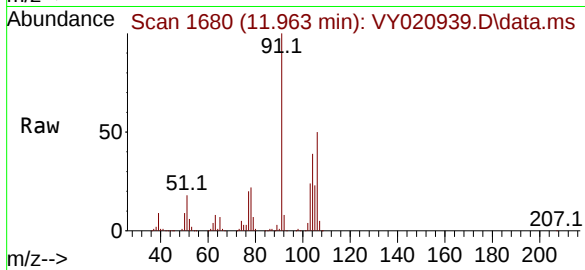
ClientSampleId :

Tgt Ion:106 Resp: 93925

Ion Ratio Lower Upper

106 100

91 208.1 105.3 315.9



#70

Styrene

Concen: 21.762 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

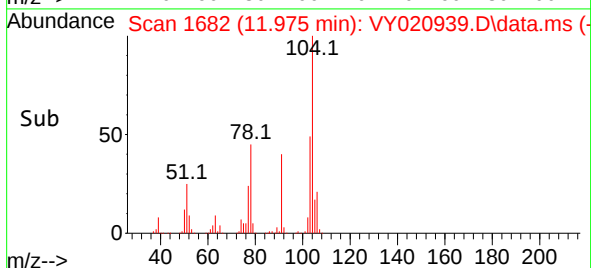
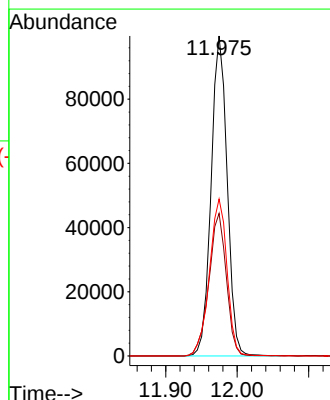
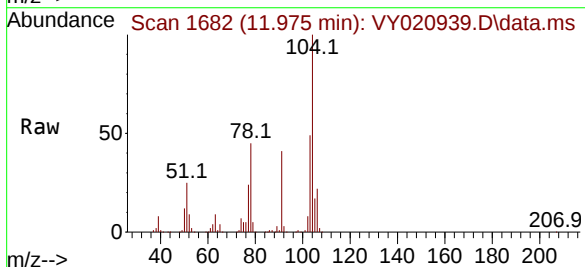
Tgt Ion:104 Resp: 155592

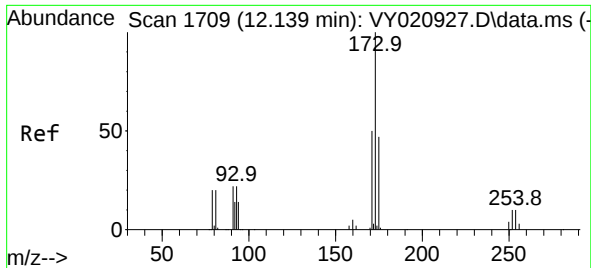
Ion Ratio Lower Upper

104 100

78 48.5 38.5 57.7

103 53.8 43.4 65.2

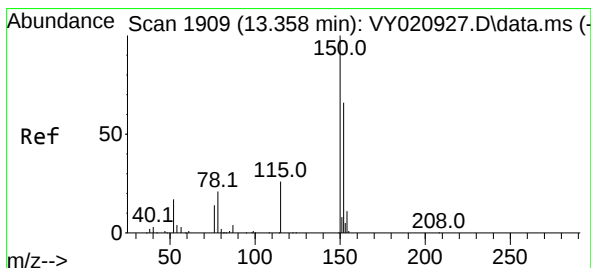
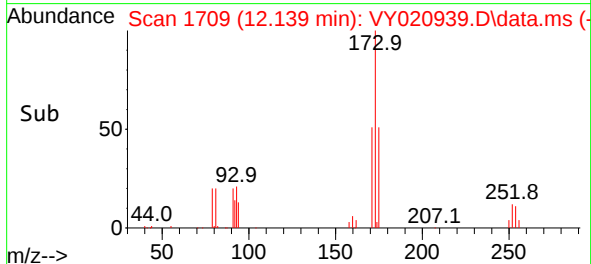
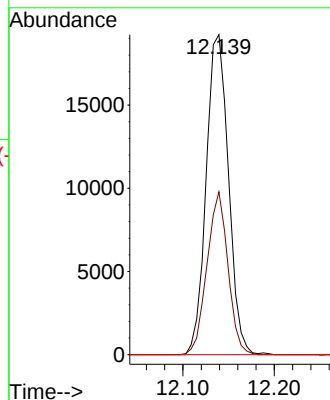
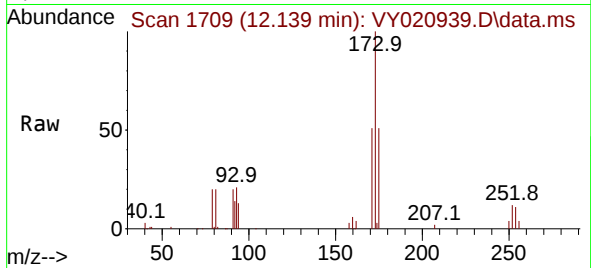




#71
Bromoform
Concen: 23.162 ug/l
RT: 12.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

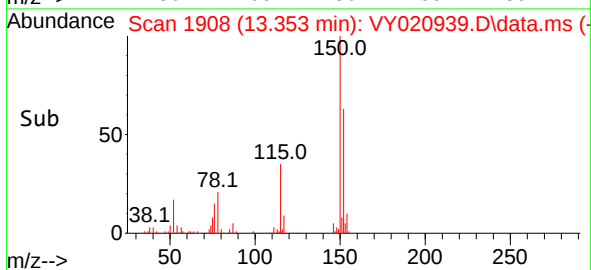
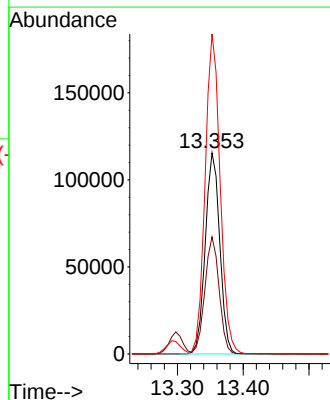
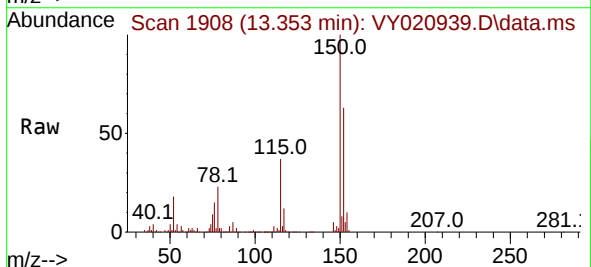
Instrument :
MSVOA_Y
ClientSampleId :

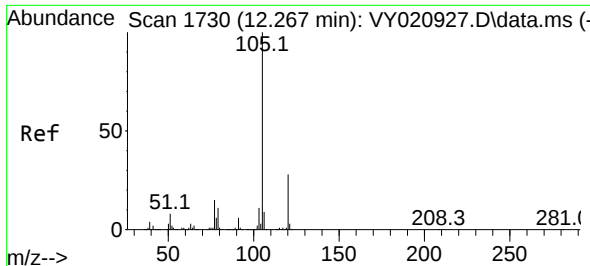
Tgt Ion:173 Resp: 32578
Ion Ratio Lower Upper
173 100
175 47.8 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion:152 Resp: 177256
Ion Ratio Lower Upper
152 100
115 57.3 29.0 87.0
150 164.7 0.0 347.6

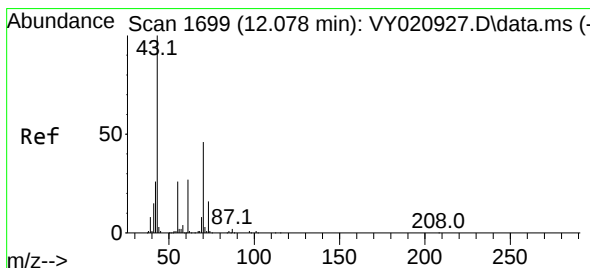
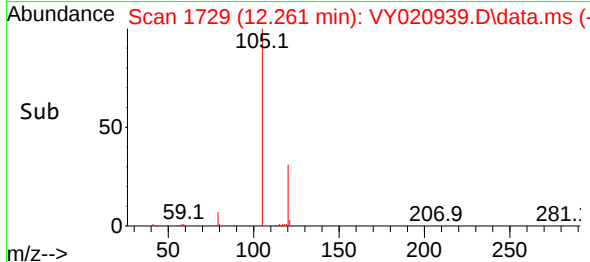
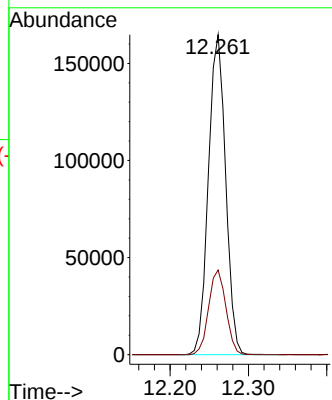
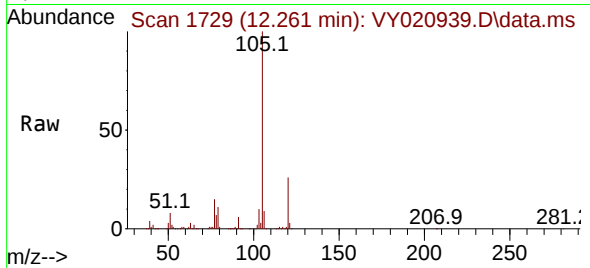




#73
Isopropylbenzene
Concen: 20.544 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

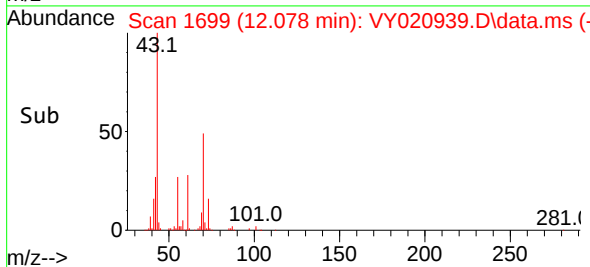
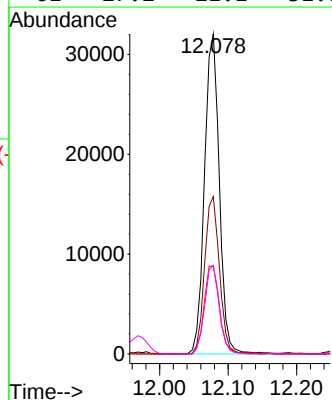
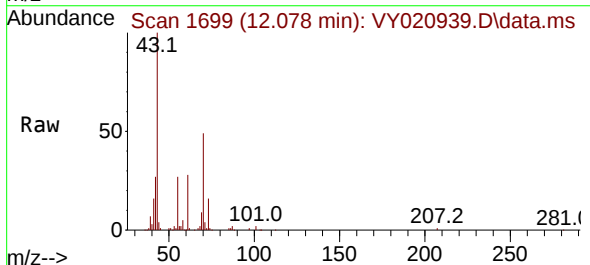
Instrument :
MSVOA_Y
ClientSampleId :

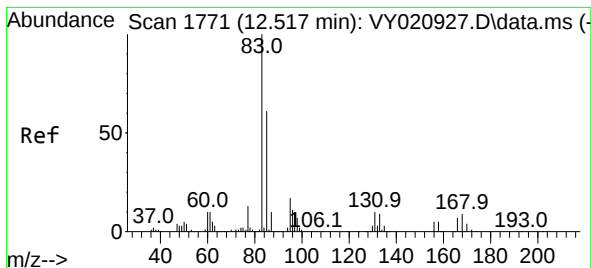
Tgt Ion:105 Resp: 250807
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1



#74
N-ethyl acetate
Concen: 22.278 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 43 Resp: 48395
Ion Ratio Lower Upper
43 100
70 49.2 38.7 58.1
55 28.6 21.6 32.4
61 27.2 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.875 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

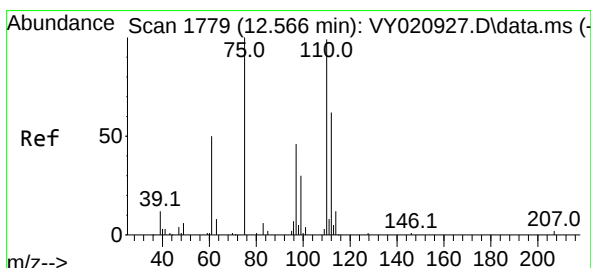
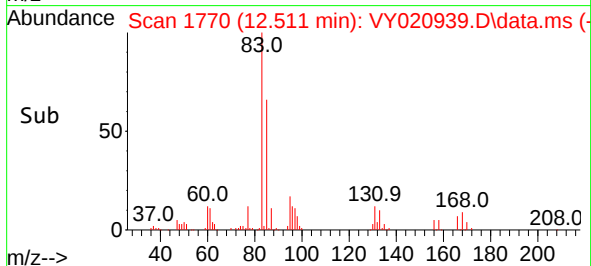
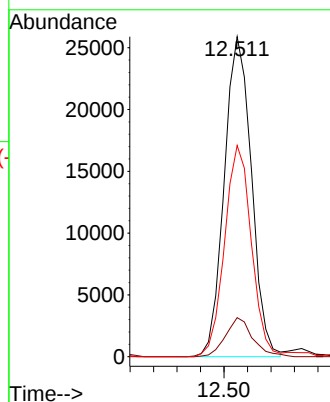
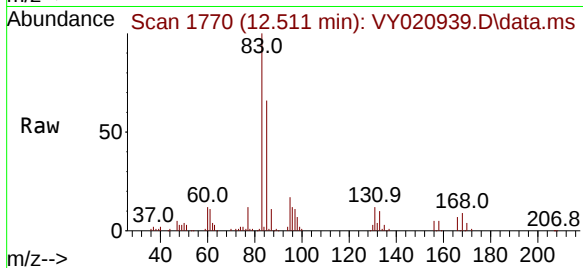
Tgt Ion: 83 Resp: 41551

Ion Ratio Lower Upper

83 100

131 12.2 5.5 16.7

85 65.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 43.906 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VY020939.D

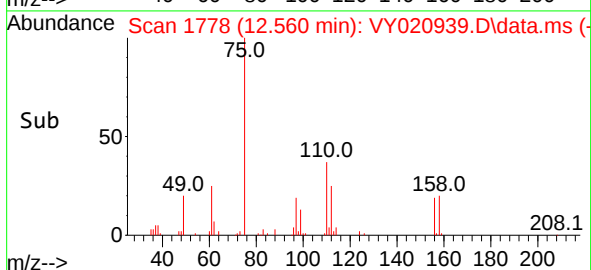
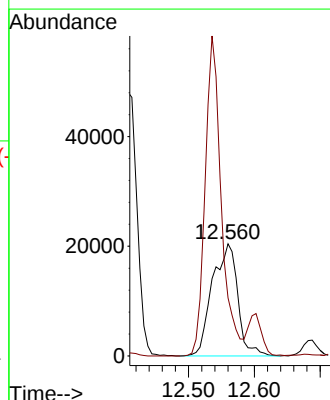
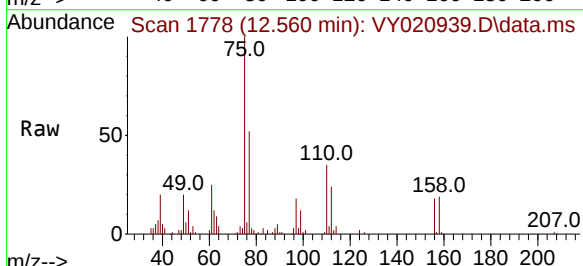
Acq: 27 Jan 2025 10:54

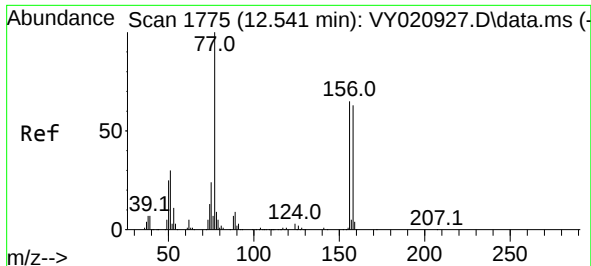
Tgt Ion: 75 Resp: 55026

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

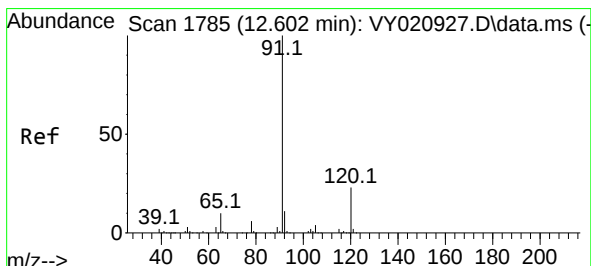
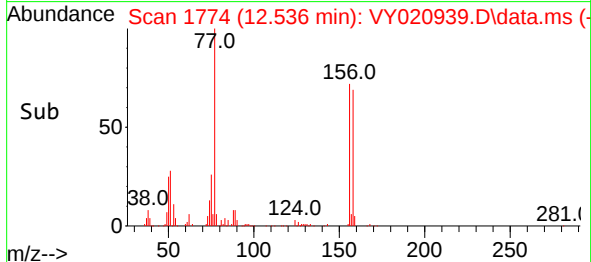
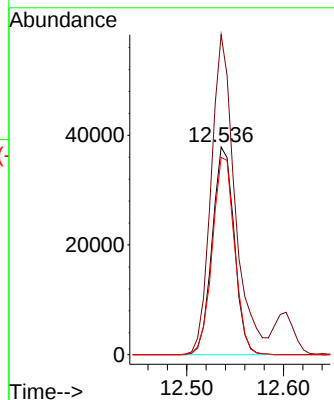
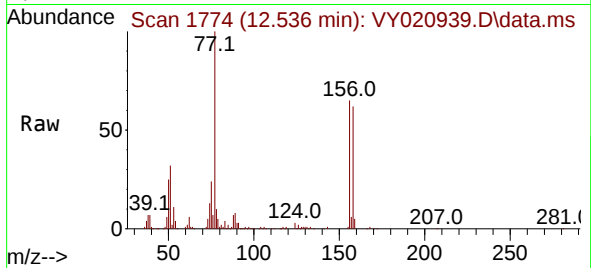




#77
Bromobenzene
Concen: 20.931 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

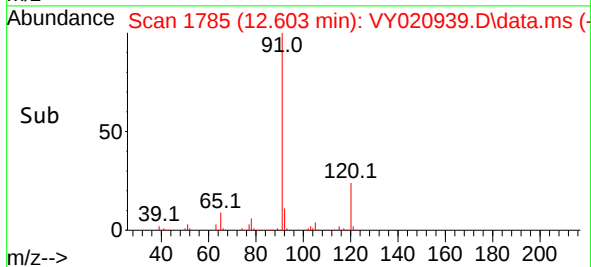
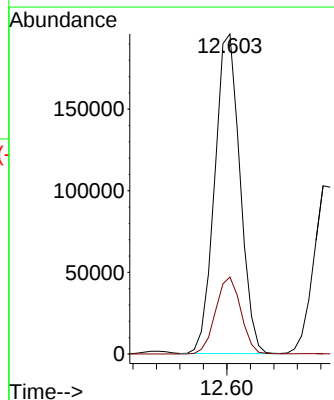
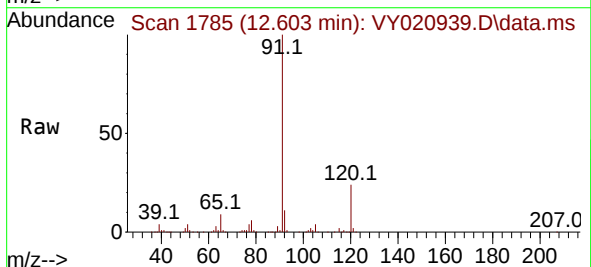
Instrument :
MSVOA_Y
ClientSampleId :

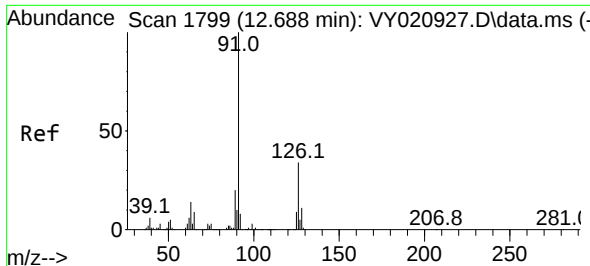
Tgt Ion:156 Resp: 59898
Ion Ratio Lower Upper
156 100
77 167.8 84.4 253.1
158 96.1 48.9 146.6



#78
n-propylbenzene
Concen: 20.591 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 91 Resp: 292813
Ion Ratio Lower Upper
91 100
120 24.0 11.8 35.4

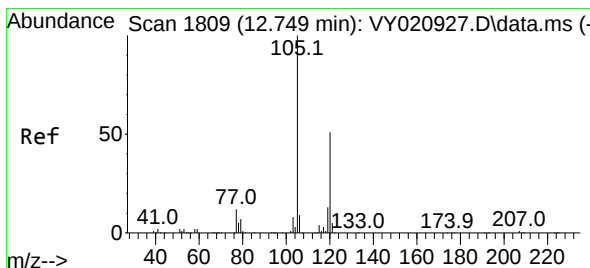
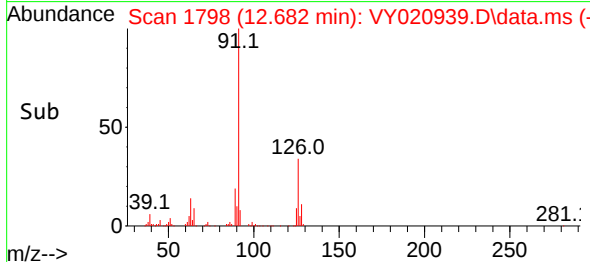
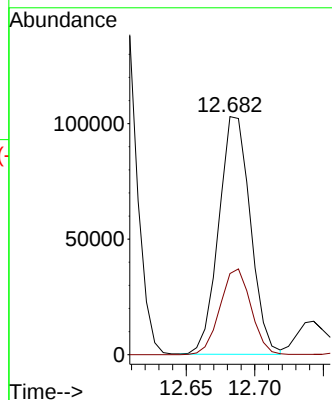
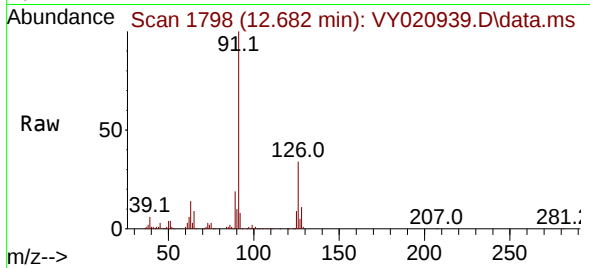




#79
2-Chlorotoluene
Concen: 20.519 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

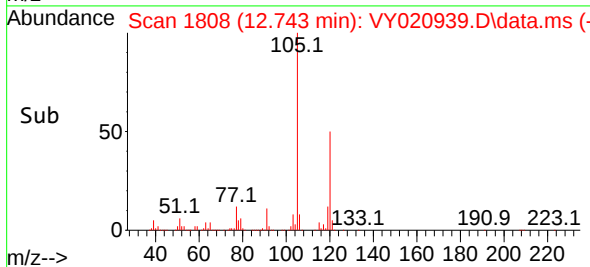
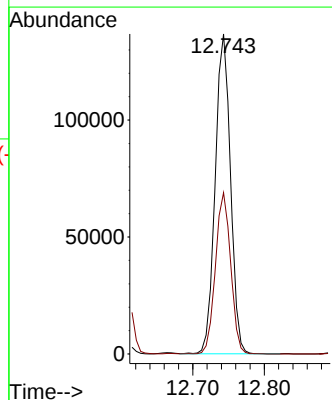
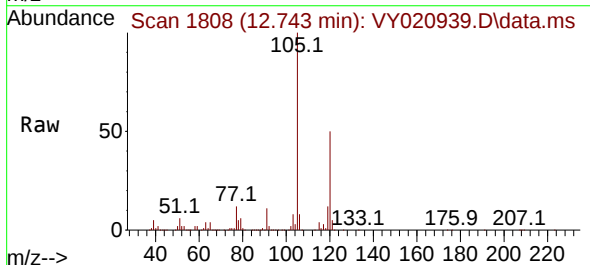
Instrument :
MSVOA_Y
ClientSampleId :

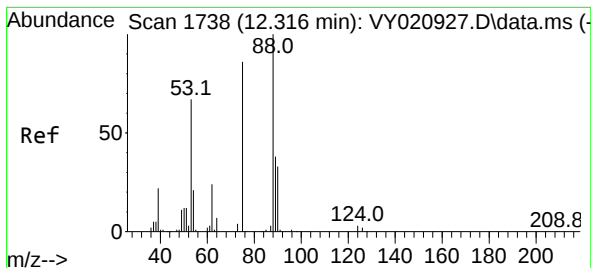
Tgt Ion: 91 Resp: 165489
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 20.682 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 105 Resp: 202876
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6

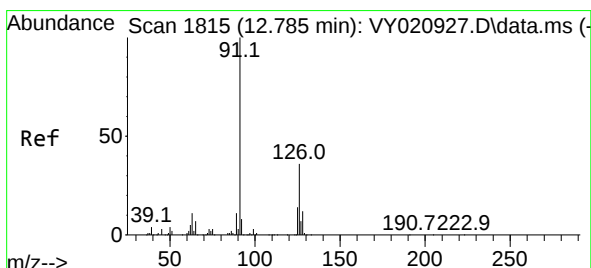
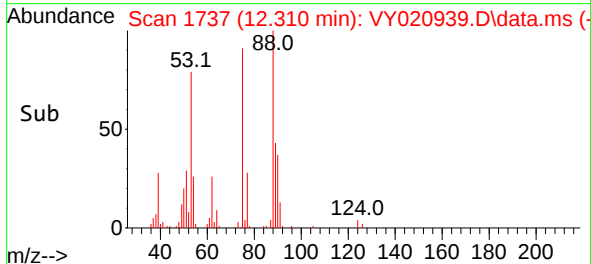
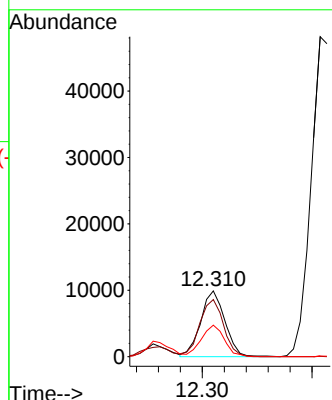
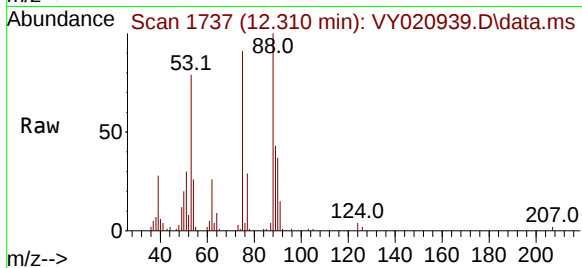




#81
trans-1,4-Dichloro-2-butene
Concen: 23.432 ug/l
RT: 12.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

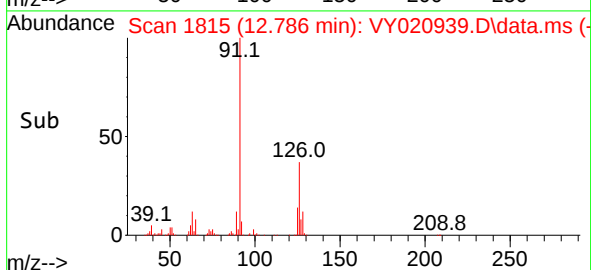
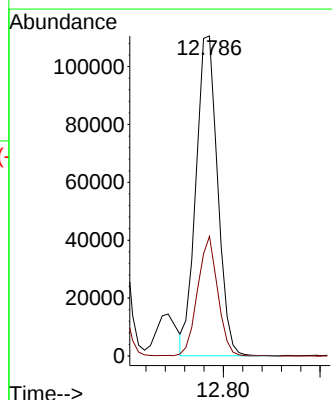
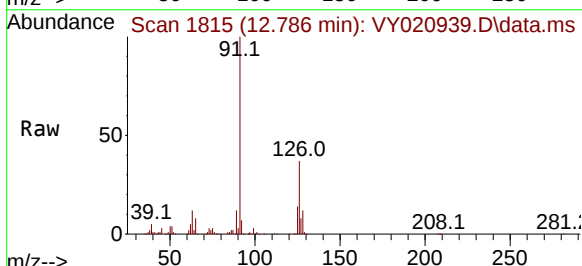
Instrument :
MSVOA_Y
ClientSampleId :

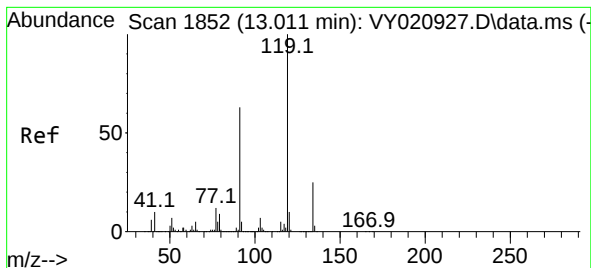
Tgt Ion: 75 Resp: 15200
Ion Ratio Lower Upper
75 100
53 85.4 67.7 101.5
89 45.1 38.4 57.6



#82
4-Chlorotoluene
Concen: 20.883 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 91 Resp: 171989
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3





#83

tert-Butylbenzene

Concen: 20.988 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

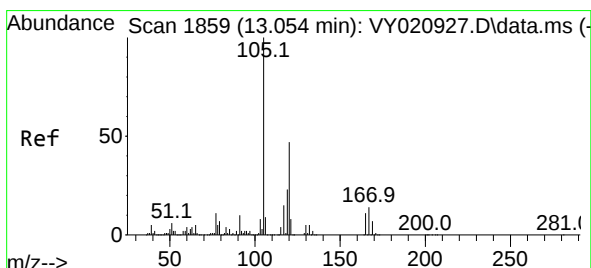
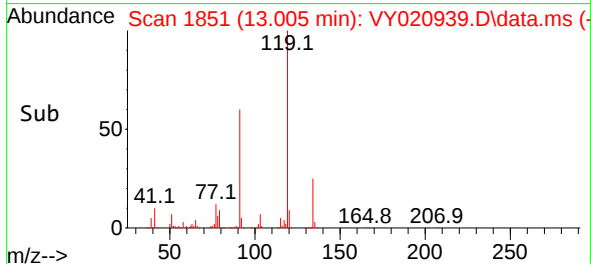
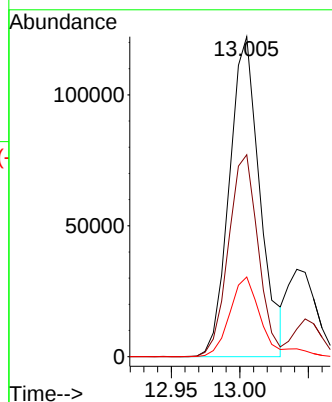
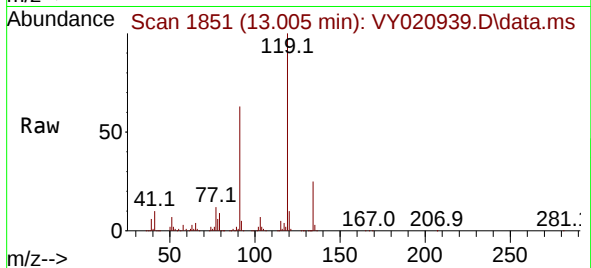
Tgt Ion:119 Resp: 189901

Ion Ratio Lower Upper

119 100

91 61.5 30.9 92.8

134 26.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.828 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.006 min

Lab File: VY020939.D

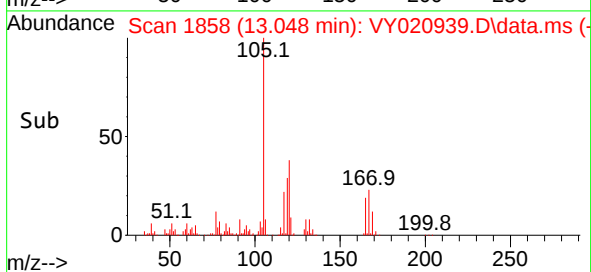
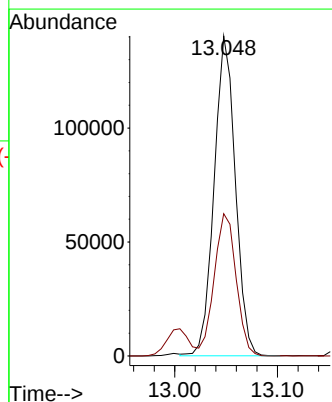
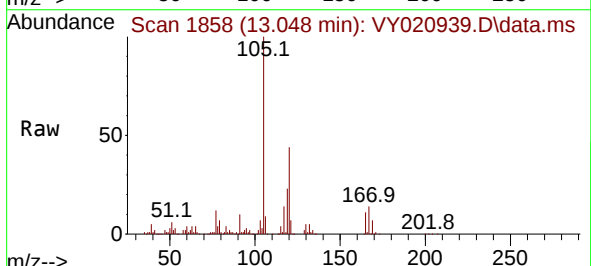
Acq: 27 Jan 2025 10:54

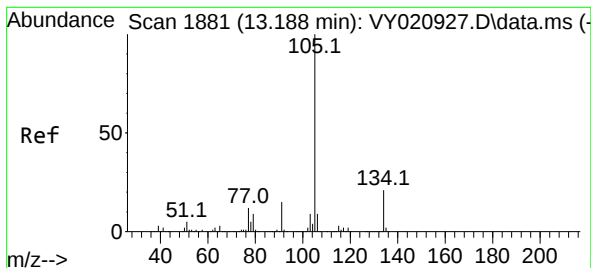
Tgt Ion:105 Resp: 201137

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.725 ug/l

RT: 13.182 min Scan# 1881

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

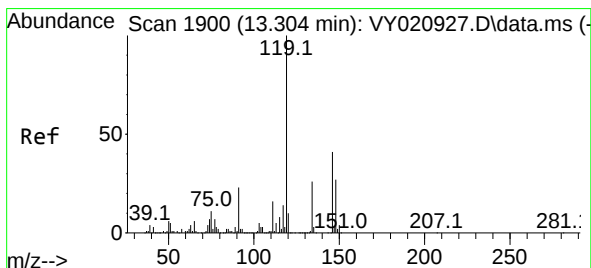
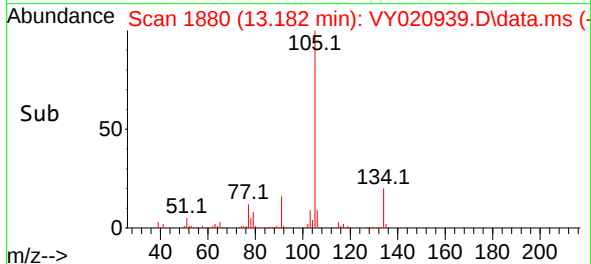
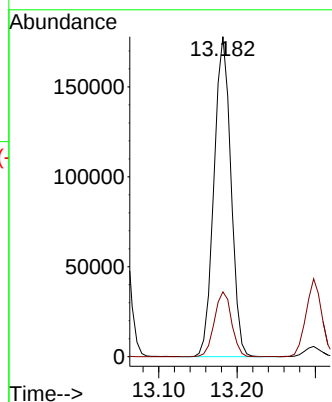
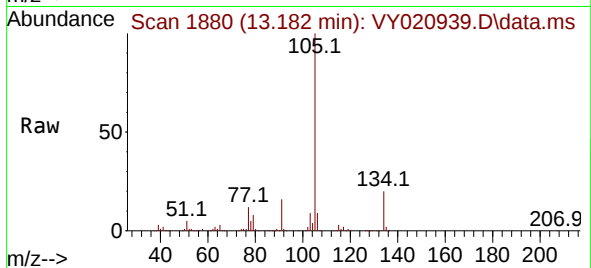
ClientSampleId :

Tgt Ion:105 Resp: 267350

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.4



#86

p-Isopropyltoluene

Concen: 20.972 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

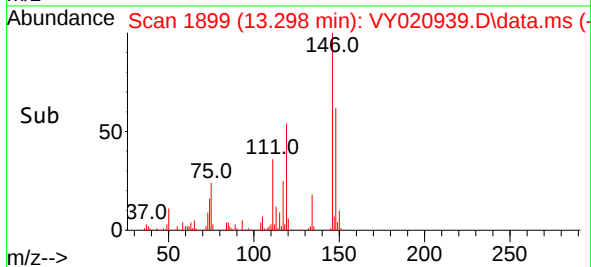
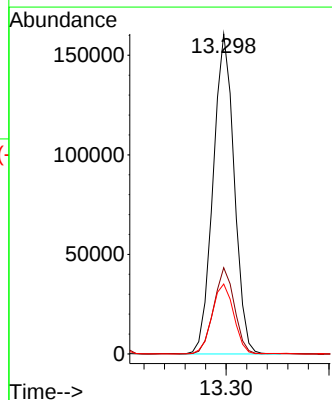
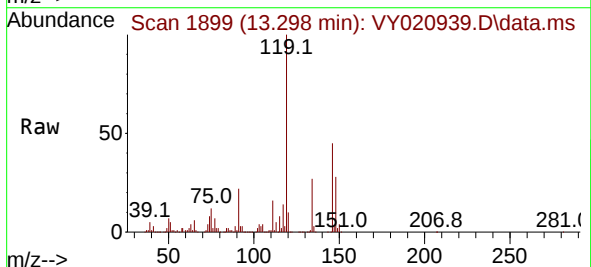
Tgt Ion:119 Resp: 228567

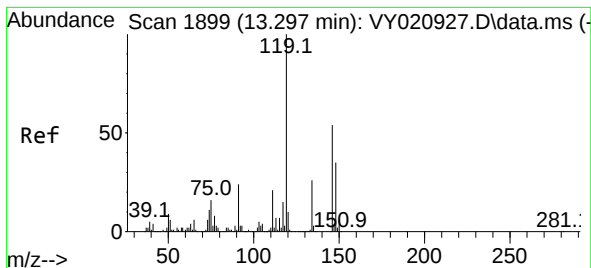
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 22.6 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 21.064 ug/l

RT: 13.292 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

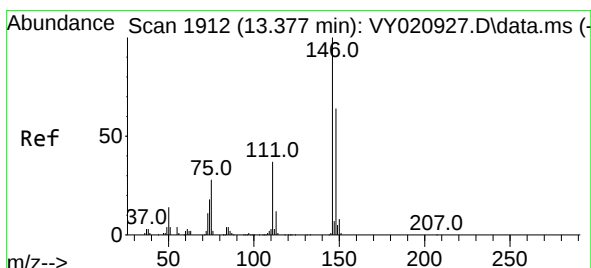
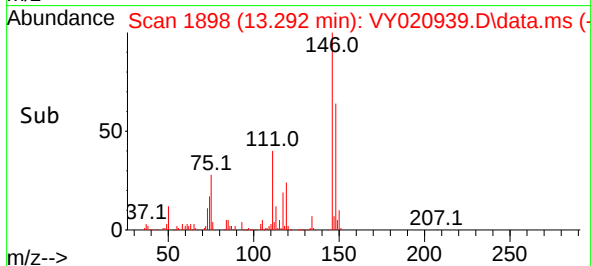
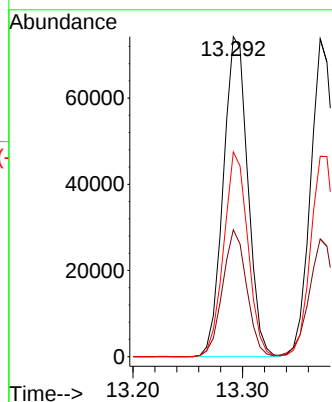
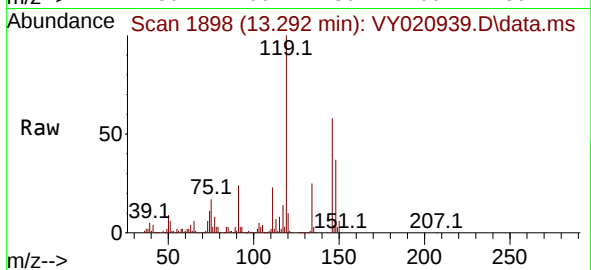
Tgt Ion:146 Resp: 115425

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 62.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 21.194 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

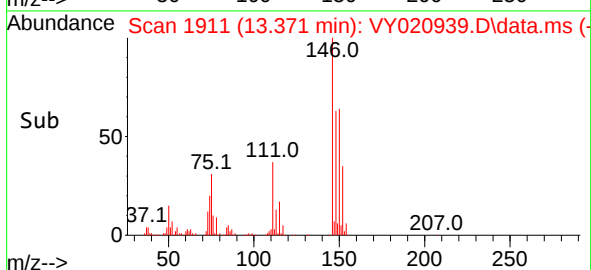
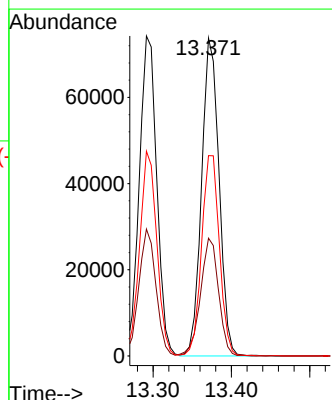
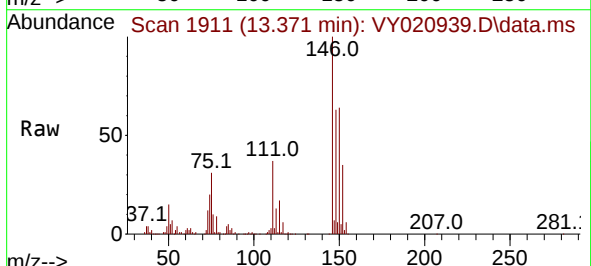
Tgt Ion:146 Resp: 114087

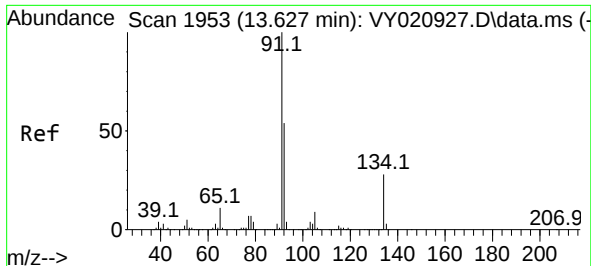
Ion Ratio Lower Upper

146 100

111 38.5 18.8 56.4

148 64.4 32.0 96.0

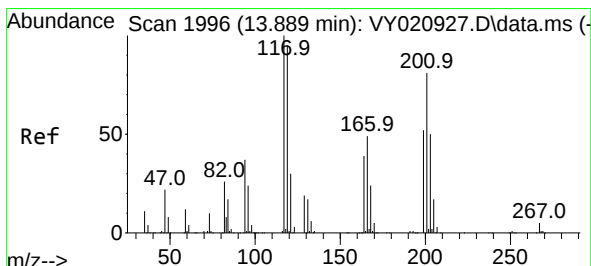
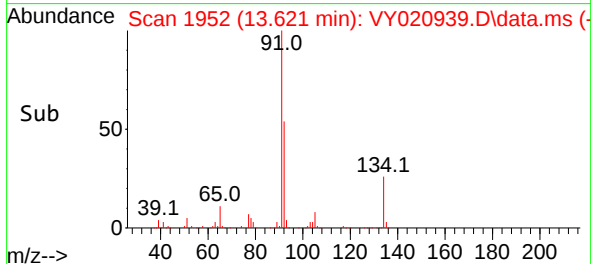
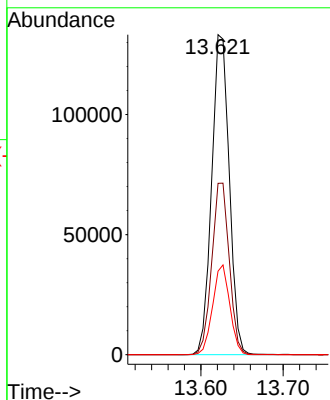
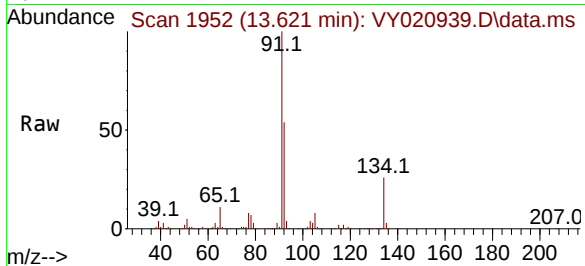




#89
n-Butylbenzene
Concen: 20.606 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

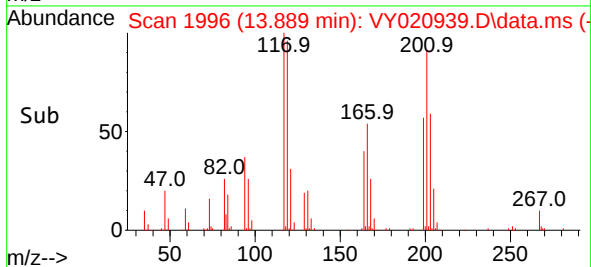
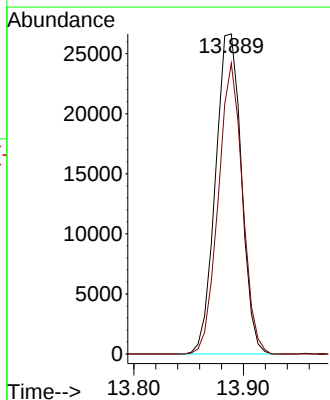
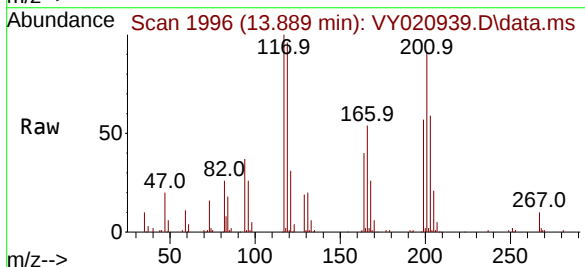
Instrument :
MSVOA_Y
ClientSampleId :

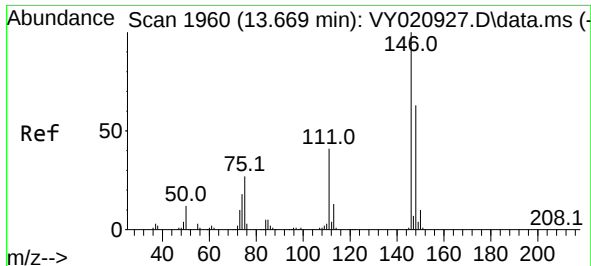
Tgt Ion: 91 Resp: 198093
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 27.3 13.8 41.4



#90
Hexachloroethane
Concen: 20.208 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 117 Resp: 43750
Ion Ratio Lower Upper
117 100
201 84.9 42.7 128.1

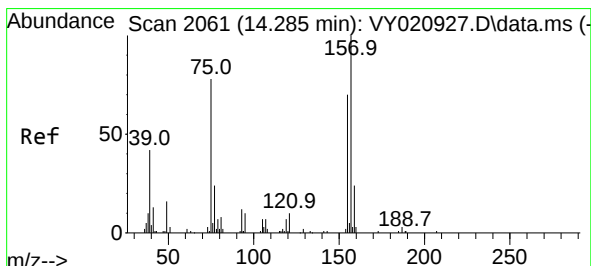
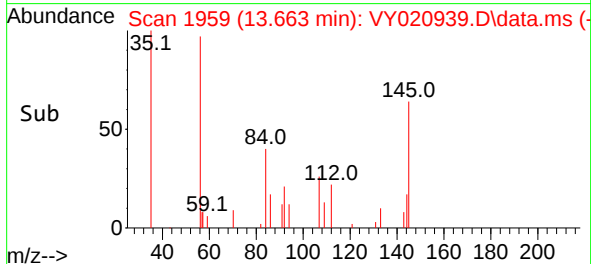
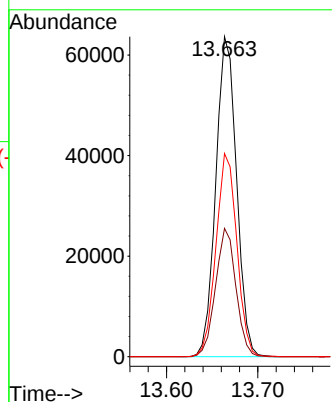
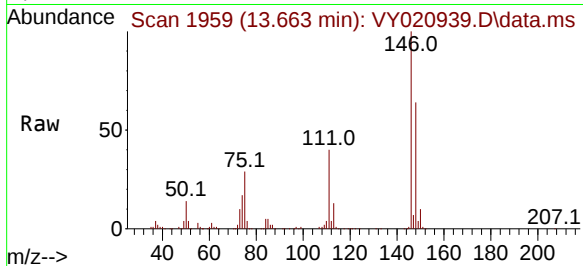




#91
1,2-Dichlorobenzene
Concen: 21.180 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

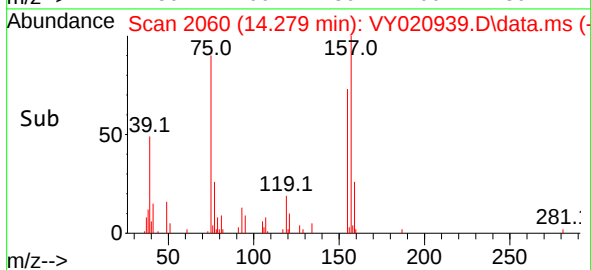
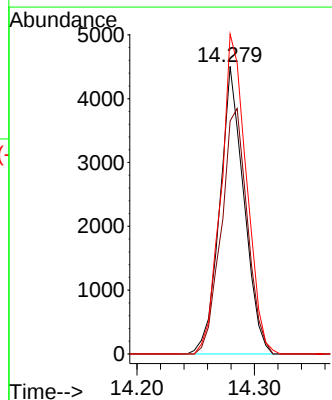
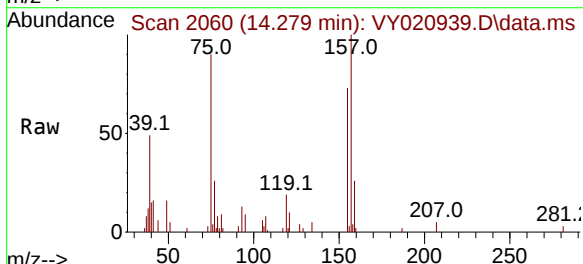
Instrument :
MSVOA_Y
ClientSampleId :

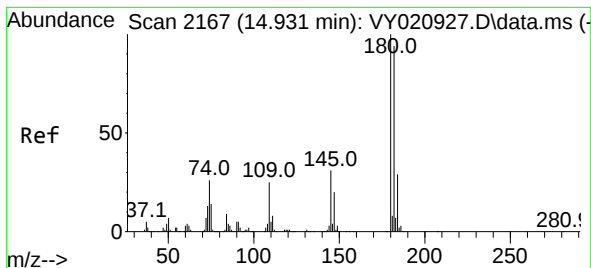
Tgt Ion:146 Resp: 100553
Ion Ratio Lower Upper
146 100
111 39.4 20.2 60.6
148 64.0 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.545 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VY020939.D
Acq: 27 Jan 2025 10:54

Tgt Ion: 75 Resp: 6433
Ion Ratio Lower Upper
75 100
155 92.2 46.6 139.7
157 117.6 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 20.153 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

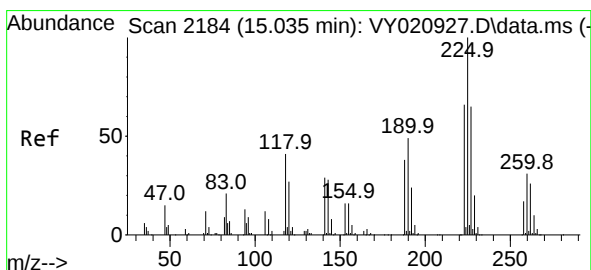
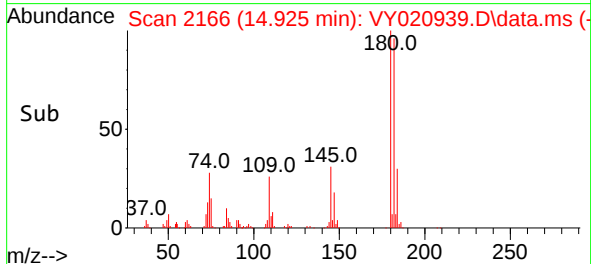
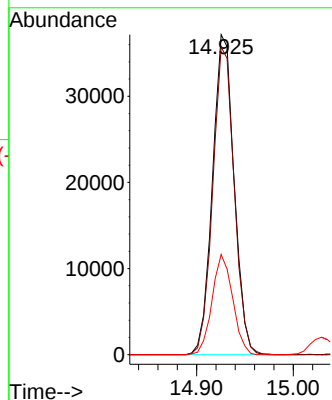
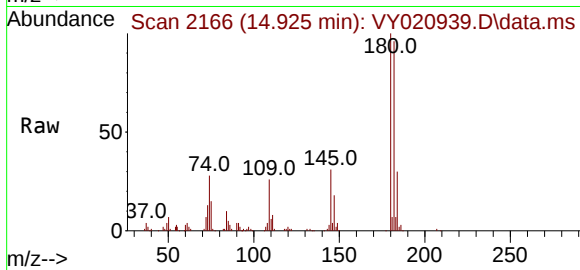
Tgt Ion:180 Resp: 57558

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 29.9 14.9 44.5



#94

Hexachlorobutadiene

Concen: 19.352 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

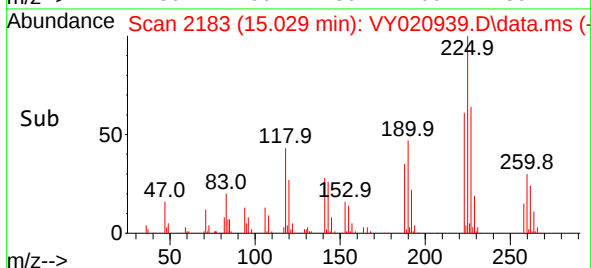
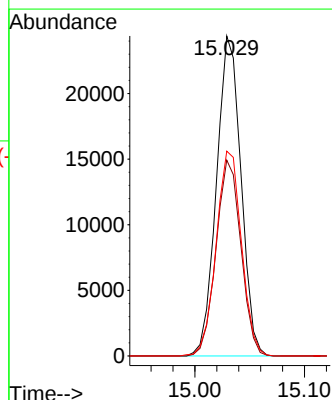
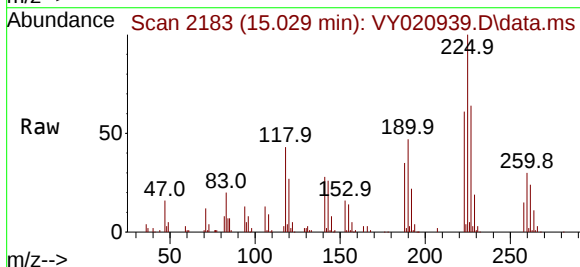
Tgt Ion:225 Resp: 37814

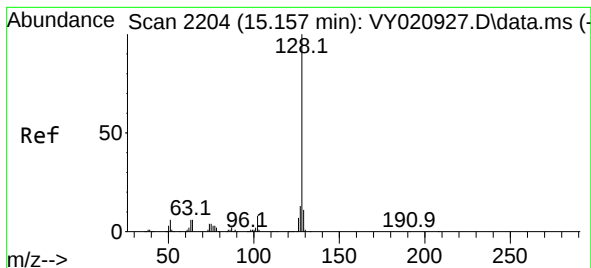
Ion Ratio Lower Upper

225 100

223 62.1 31.5 94.5

227 66.3 31.9 95.9





#95

Naphthalene

Concen: 21.712 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

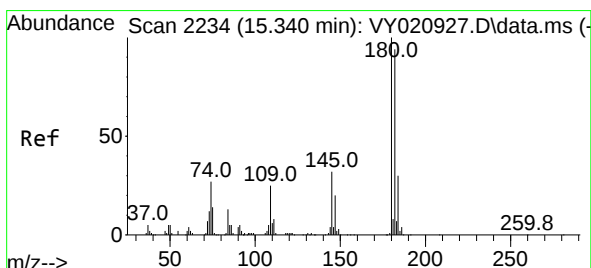
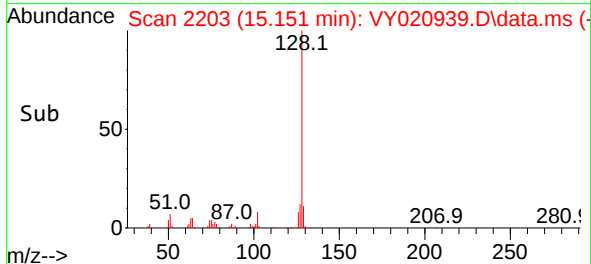
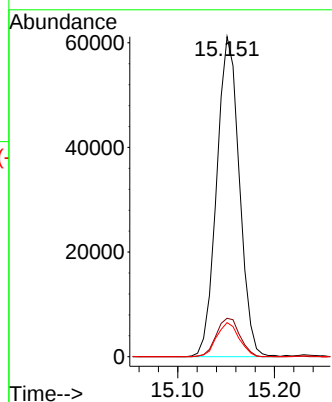
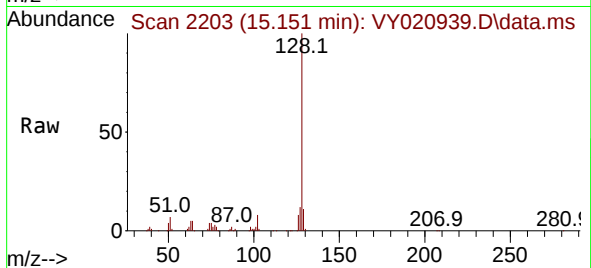
Tgt Ion:128 Resp: 99439

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.749 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020939.D

Acq: 27 Jan 2025 10:54

Tgt Ion:180 Resp: 49787

Ion Ratio Lower Upper

180 100

182 91.8 47.5 142.6

145 31.3 15.7 47.0

