

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020871.D
 Acq On : 20 Jan 2025 10:43
 Operator : SY/MD
 Sample : VY0120SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 00:37:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	202027	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	297111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	248810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	127229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	93562	54.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.980%	
35) Dibromofluoromethane	7.652	113	102529	55.082	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.160%	
50) Toluene-d8	10.115	98	388091	59.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.620%	
62) 4-Bromofluorobenzene	12.420	95	130553	54.483	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 108.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	25283	17.052	ug/l	95
3) Chloromethane	2.080	50	14343	18.373	ug/l	94
4) Vinyl Chloride	2.214	62	17719	20.417	ug/l	94
5) Bromomethane	2.610	94	10702	17.314	ug/l	93
6) Chloroethane	2.751	64	11680	21.823	ug/l	99
7) Trichlorofluoromethane	3.074	101	50053	18.792	ug/l	95
8) Diethyl Ether	3.470	74	14567	17.489	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.836	101	35521	19.748	ug/l	99
10) Methyl Iodide	4.025	142	33726	17.496	ug/l	95
11) Tert butyl alcohol	4.891	59	12724	98.063	ug/l #	73
12) 1,1-Dichloroethene	3.811	96	29732	18.872	ug/l	97
13) Acrolein	3.671	56	105416	2892.974	ug/l	99
14) Allyl chloride	4.403	41	42193	18.563	ug/l	96
15) Acrylonitrile	5.086	53	32703	92.381	ug/l	99
16) Acetone	3.891	43	20964	85.853	ug/l	95
17) Carbon Disulfide	4.122	76	56990	16.675	ug/l #	93
18) Methyl Acetate	4.403	43	15486	18.783	ug/l	94
19) Methyl tert-butyl Ether	5.134	73	77889	17.518	ug/l	98
20) Methylene Chloride	4.641	84	31628	18.755	ug/l	95
21) trans-1,2-Dichloroethene	5.134	96	31779	18.317	ug/l	98
22) Diisopropyl ether	6.037	45	97781	20.195	ug/l	95
23) Vinyl Acetate	5.976	43	253644	95.010	ug/l	97
24) 1,1-Dichloroethane	5.939	63	60328	18.885	ug/l	97
25) 2-Butanone	6.921	43	36464	90.907	ug/l	100
26) 2,2-Dichloropropane	6.902	77	61145	18.435	ug/l	99
27) cis-1,2-Dichloroethene	6.908	96	40853	18.663	ug/l	99
28) Bromochloromethane	7.262	49	14296	16.585	ug/l	95
29) Tetrahydrofuran	7.280	42	23850	93.080	ug/l	94
30) Chloroform	7.439	83	67956	18.654	ug/l	99
31) Cyclohexane	7.719	56	46704	18.692	ug/l	96
32) 1,1,1-Trichloroethane	7.634	97	65446	18.418	ug/l	98
36) 1,1-Dichloropropene	7.853	75	44417	18.708	ug/l	100
37) Ethyl Acetate	7.000	43	18666	19.757	ug/l	97
38) Carbon Tetrachloride	7.829	117	59606	18.036	ug/l	97
39) Methylcyclohexane	9.121	83	52653	18.073	ug/l	96
40) Benzene	8.097	78	137168	18.825	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	9383	17.341	ug/l	93
42) 1,2-Dichloroethane	8.170	62	35715	17.948	ug/l	97
43) Isopropyl Acetate	8.213	43	35059	18.244	ug/l	98
44) Trichloroethene	8.878	130	38135	18.774	ug/l	96
45) 1,2-Dichloropropane	9.152	63	32427	19.630	ug/l	99
46) Dibromomethane	9.243	93	17914	18.885	ug/l	98
47) Bromodichloromethane	9.432	83	51767	19.055	ug/l	99
48) Methyl methacrylate	9.237	41	15307	17.767	ug/l	99
49) 1,4-Dioxane	9.250	88	3686	365.985	ug/l #	86
51) 4-Methyl-2-Pentanone	10.012	43	91647	95.460	ug/l	98
52) Toluene	10.182	92	90837	18.825	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	44070	18.239	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	51809	18.463	ug/l	97
55) 1,1,2-Trichloroethane	10.585	97	25626	18.910	ug/l	97
56) Ethyl methacrylate	10.451	69	30369	17.744	ug/l	97
57) 1,3-Dichloropropane	10.725	76	42137	19.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.725	63	48678	71.695	ug/l	96
59) 2-Hexanone	10.774	43	56494	91.723	ug/l	99
60) Dibromochloromethane	10.920	129	36501	18.571	ug/l	99
61) 1,2-Dibromoethane	11.024	107	23172	19.046	ug/l	98
64) Tetrachloroethene	10.658	164	33745	18.447	ug/l	97
65) Chlorobenzene	11.456	112	102581	18.647	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	38752	18.504	ug/l	98
67) Ethyl Benzene	11.530	91	178081	18.698	ug/l	99
68) m/p-Xylenes	11.639	106	137153	37.402	ug/l	98
69) o-Xylene	11.969	106	63978	18.401	ug/l	98
70) Styrene	11.981	104	109753	18.753	ug/l	99
71) Bromoform	12.145	173	22298	18.730	ug/l #	99
73) Isopropylbenzene	12.267	105	178391	17.674	ug/l	100
74) N-amyl acetate	12.084	43	29699	17.988	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	28487	18.621	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	36281	32.591	ug/l #	100
77) Bromobenzene	12.542	156	41515	17.840	ug/l	98
78) n-propylbenzene	12.609	91	207737	18.133	ug/l	99
79) 2-Chlorotoluene	12.694	91	118642	17.983	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	147275	18.005	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	8954	16.960	ug/l	97
82) 4-Chlorotoluene	12.792	91	122905	18.052	ug/l	98
83) tert-Butylbenzene	13.011	119	136973	17.904	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	144050	18.034	ug/l	99
85) sec-Butylbenzene	13.188	105	195491	18.294	ug/l	100
86) p-Isopropyltoluene	13.304	119	163835	17.972	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	82588	18.265	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	81965	18.415	ug/l	99
89) n-Butylbenzene	13.627	91	143142	18.100	ug/l	99
90) Hexachloroethane	13.895	117	33415	18.255	ug/l	98
91) 1,2-Dichlorobenzene	13.669	146	71353	18.048	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	4098	16.567	ug/l	98
93) 1,2,4-Trichlorobenzene	14.931	180	40254	17.692	ug/l	99
94) Hexachlorobutadiene	15.035	225	28438	17.730	ug/l	100
95) Naphthalene	15.157	128	63393	16.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	34240	17.963	ug/l	100

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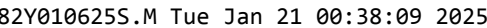
Instrument :
MSVOA_Y
ClientSampleId :

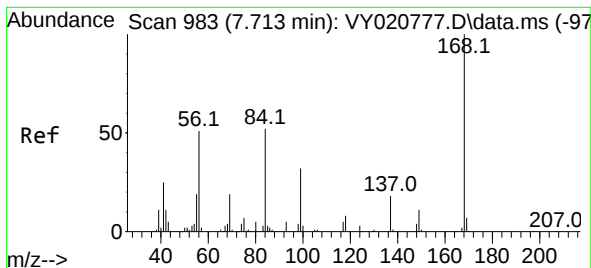
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.725 min Scan# 9

Delta R.T. 0.012 min

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Instrument :

MSVOA_Y

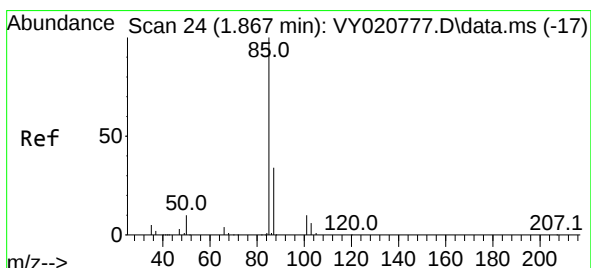
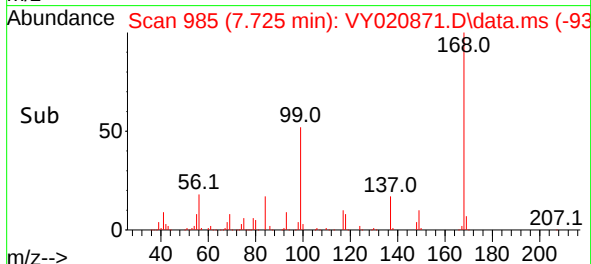
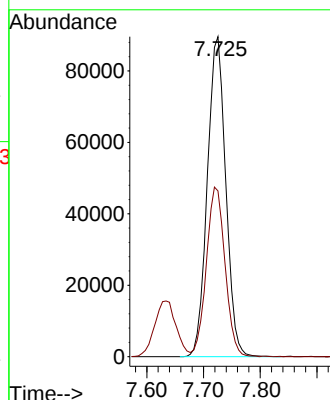
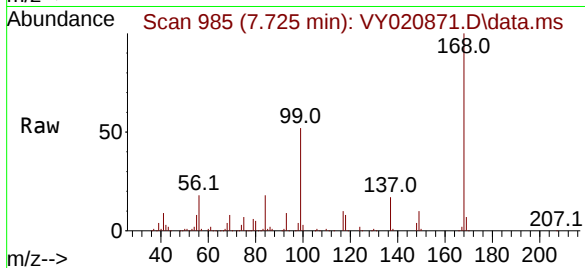
ClientSampleId :

Tgt Ion:168 Resp: 202027

Ion Ratio Lower Upper

168 100

99 51.7 44.3 66.5



#2

Dichlorodifluoromethane

Concen: 17.052 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.006 min

Lab File: VY020871.D

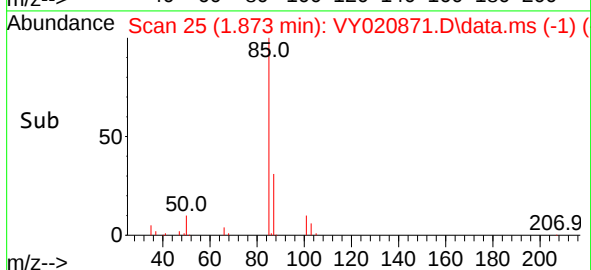
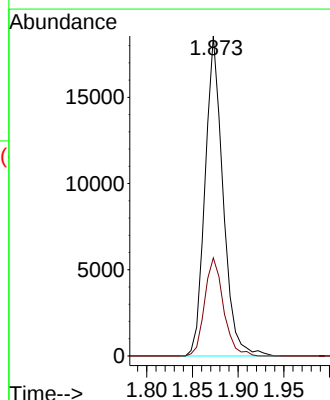
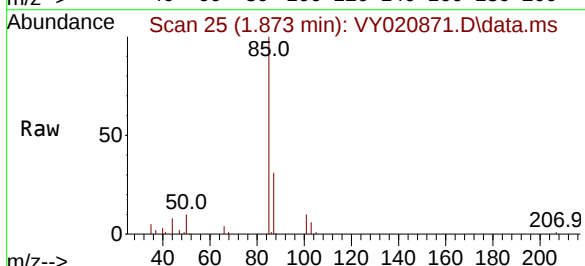
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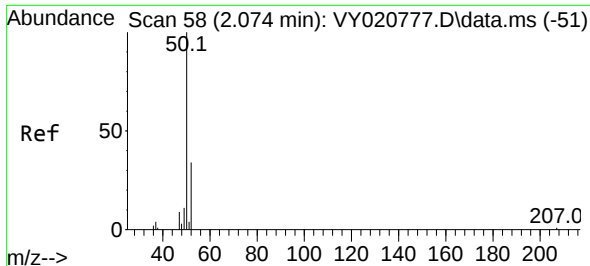
Tgt Ion: 85 Resp: 25283

Ion Ratio Lower Upper

85 100

87 30.6 16.9 50.6

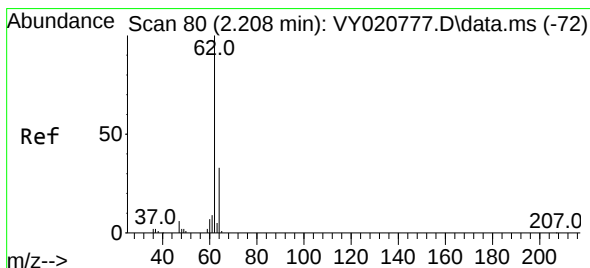
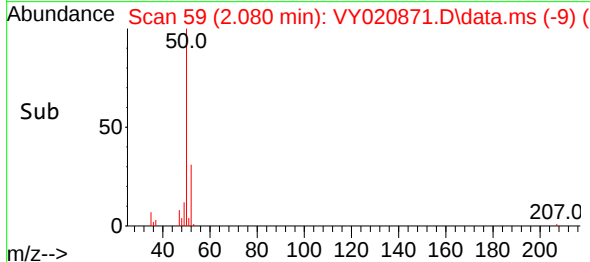
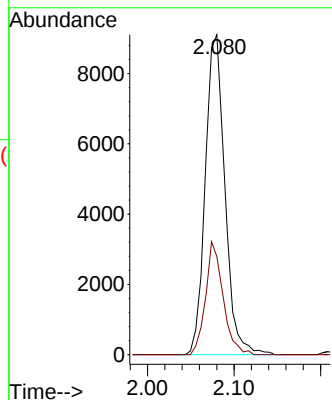
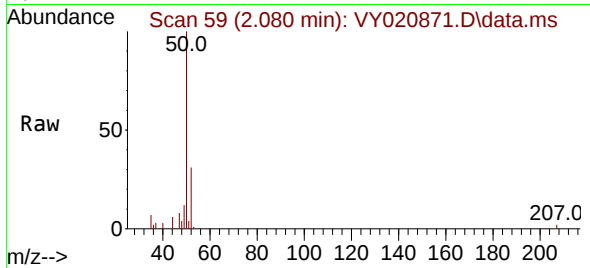




#3
Chloromethane
Concen: 18.373 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020871.D
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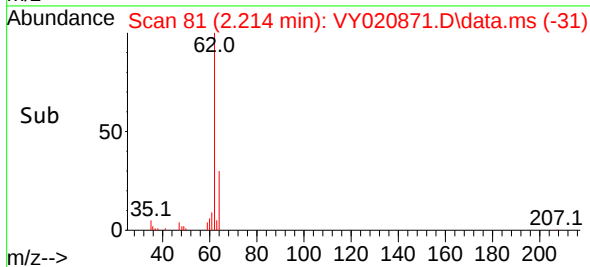
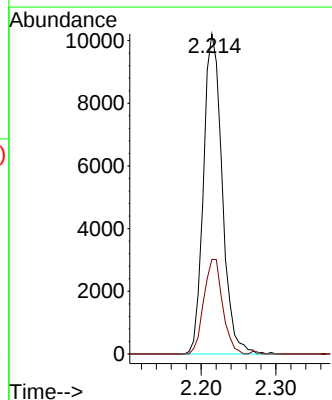
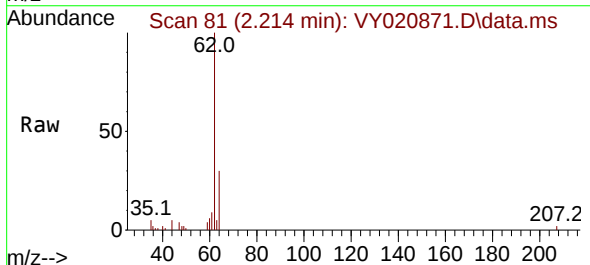
Instrument :
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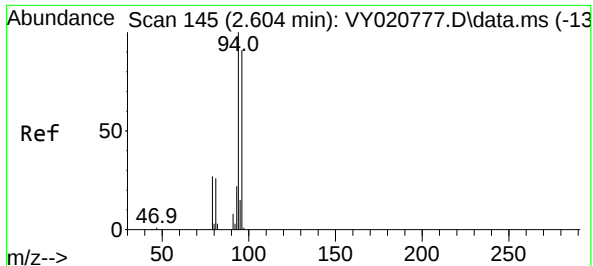
Tgt Ion: 50 Resp: 14343
Ion Ratio Lower Upper
50 100
52 30.7 27.3 40.9



#4
Vinyl Chloride
Concen: 20.417 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion: 62 Resp: 17719
Ion Ratio Lower Upper
62 100
64 29.6 26.6 39.8

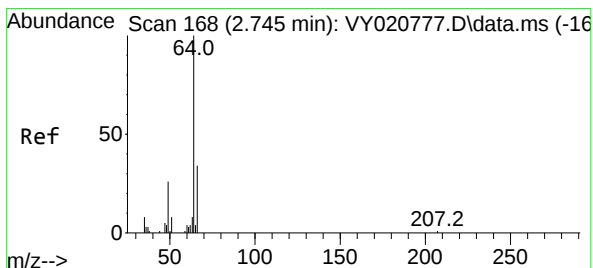
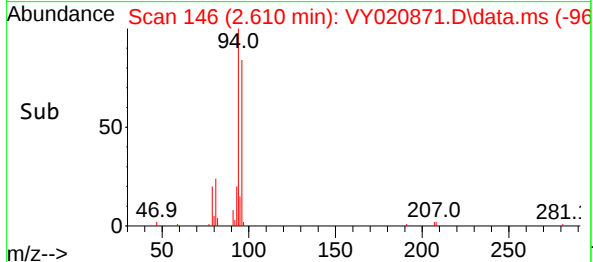
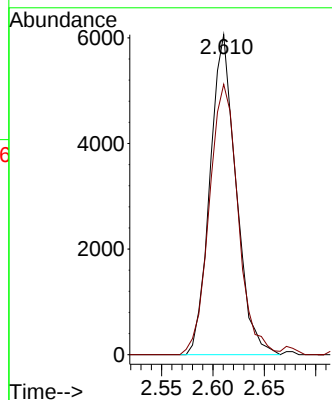
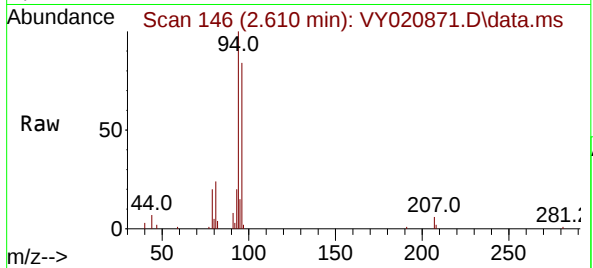




#5
Bromomethane
Concen: 17.314 ug/l
RT: 2.610 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY020871.D
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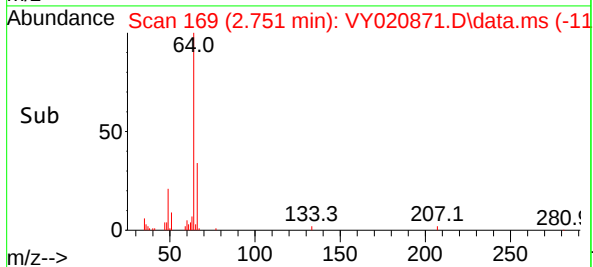
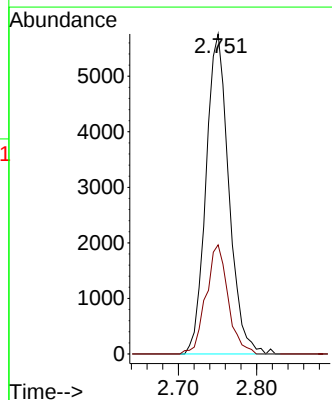
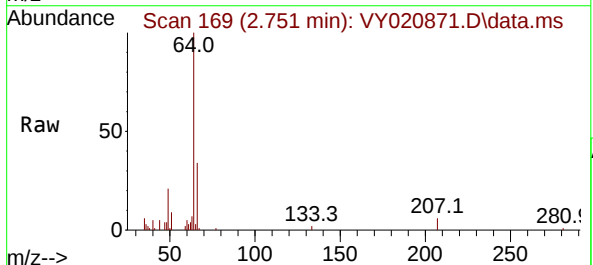
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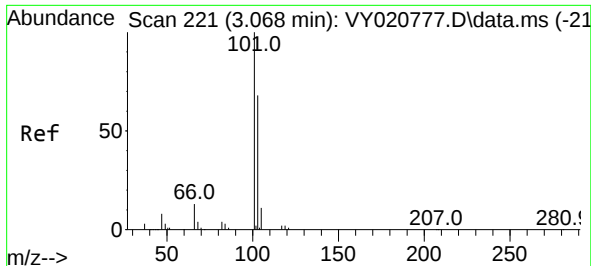
Tgt Ion: 94 Resp: 10702
Ion Ratio Lower Upper
94 100
96 84.5 72.6 109.0



#6
Chloroethane
Concen: 21.823 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion: 64 Resp: 11680
Ion Ratio Lower Upper
64 100
66 34.1 26.9 40.3

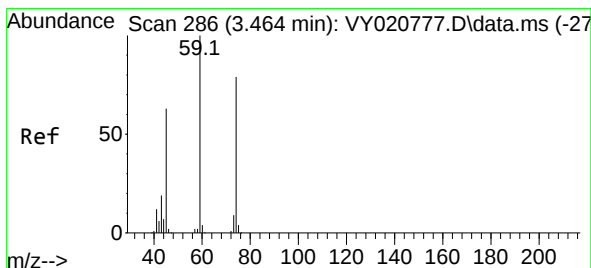
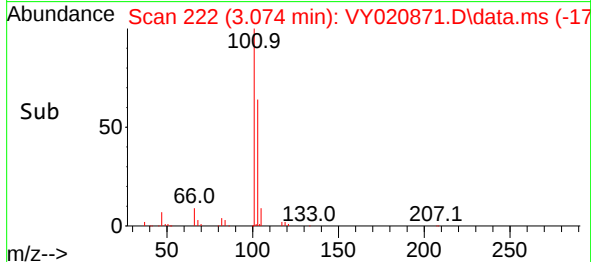
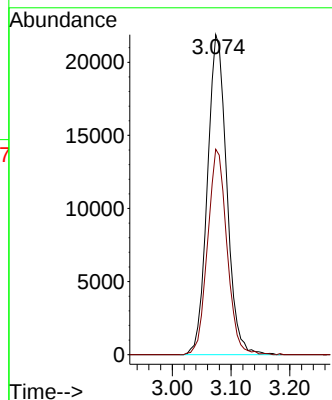
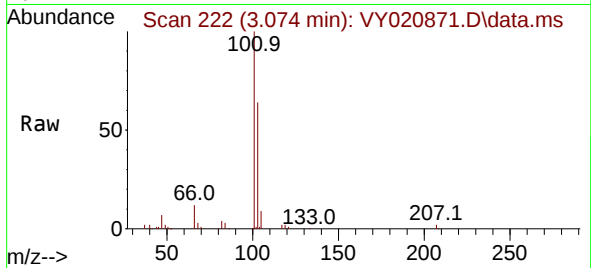




#7
Trichlorofluoromethane
Concen: 18.792 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020871.D
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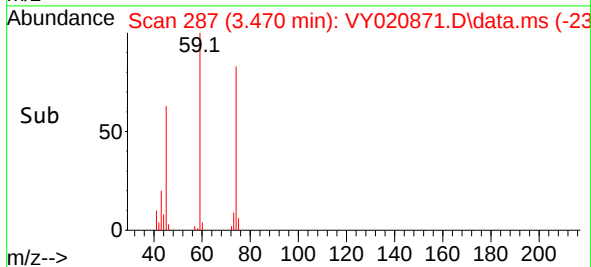
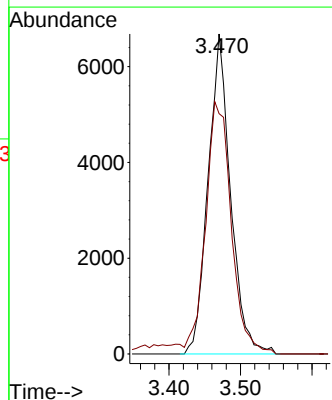
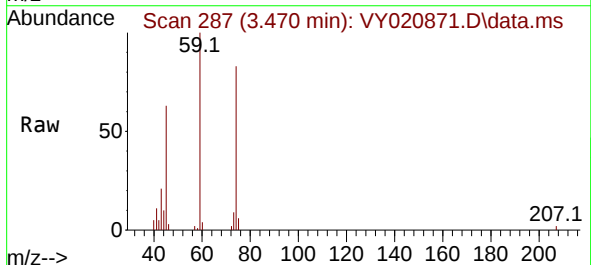
Instrument :
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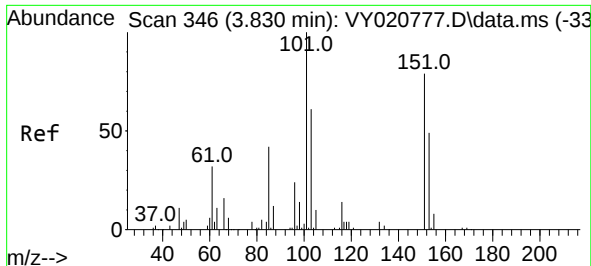
Tgt Ion:101 Resp: 50053
Ion Ratio Lower Upper
101 100
103 64.2 54.6 82.0



#8
Diethyl Ether
Concen: 17.489 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 14567
Ion Ratio Lower Upper
74 100
45 90.1 41.3 124.1

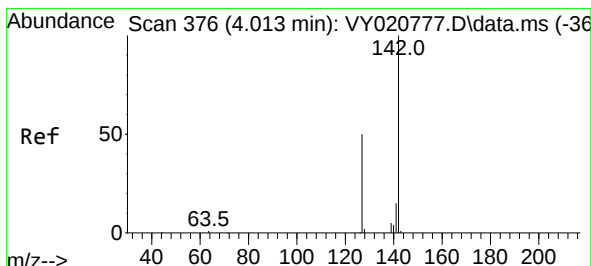
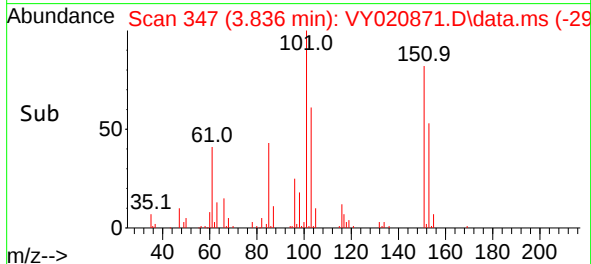
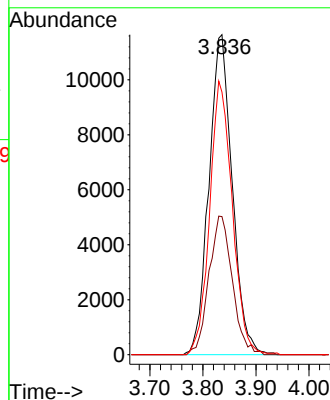
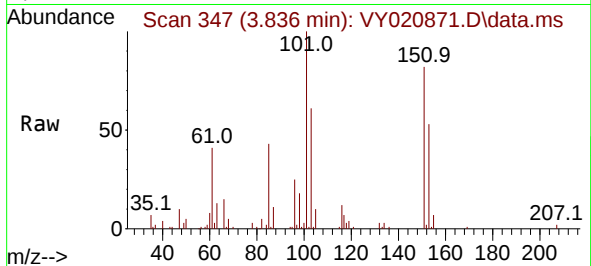




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.748 ug/l
RT: 3.836 min Scan# 346
Delta R.T. 0.006 min
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Acq: 20 Jan 2025 10:43

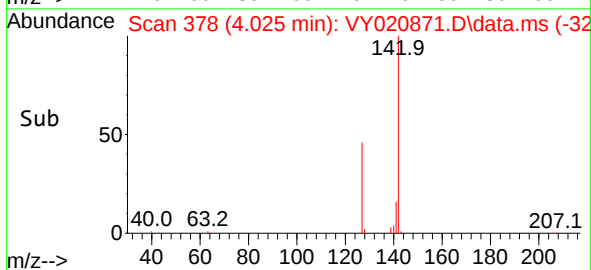
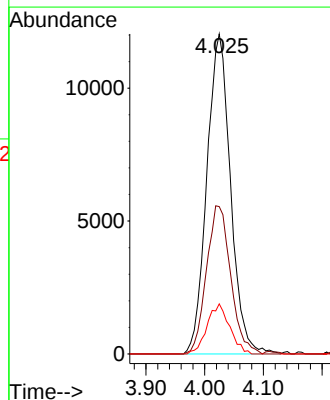
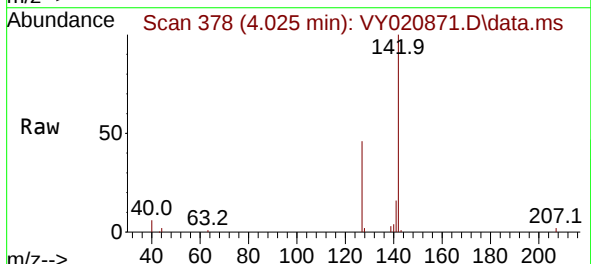
Instrument :
MSVOA_Y
ClientSampleId :

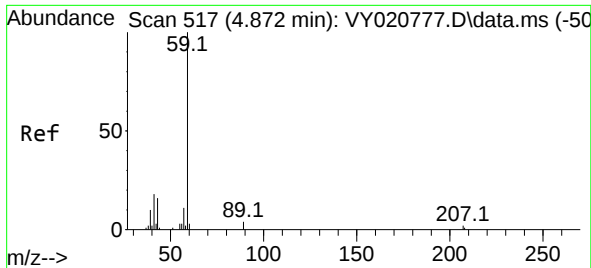
Tgt Ion:101 Resp: 35521
Ion Ratio Lower Upper
101 100
85 43.6 35.9 53.9
151 83.2 66.9 100.3



#10
Methyl Iodide
Concen: 17.496 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

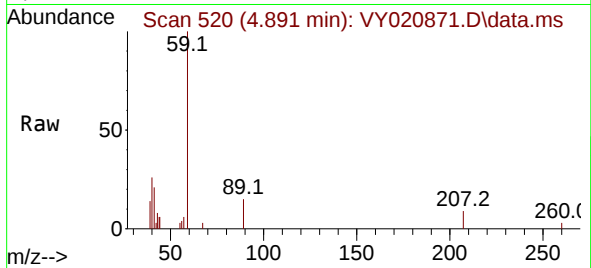
Tgt Ion:142 Resp: 33726
Ion Ratio Lower Upper
142 100
127 47.3 41.0 61.6
141 14.9 11.6 17.4



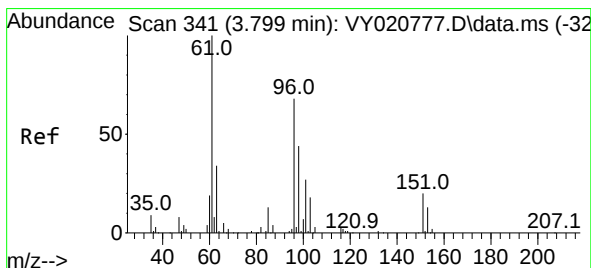
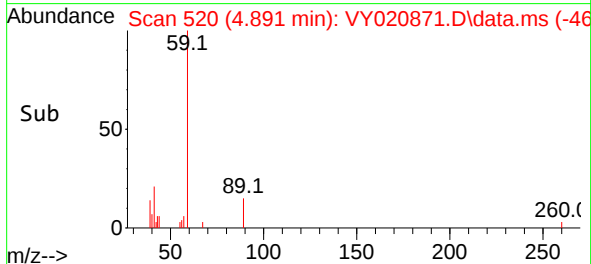
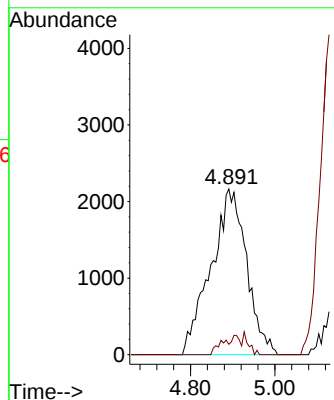


#11
Tert butyl alcohol
Concen: 98.063 ug/l
RT: 4.891 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Instrument :
MSVOA_Y
ClientSampleId :

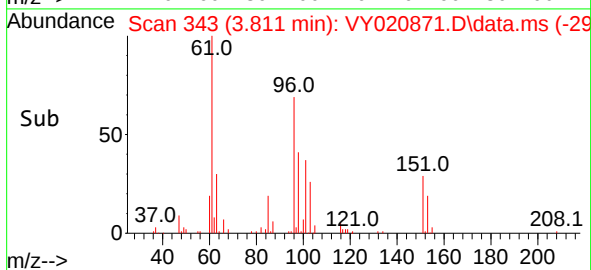
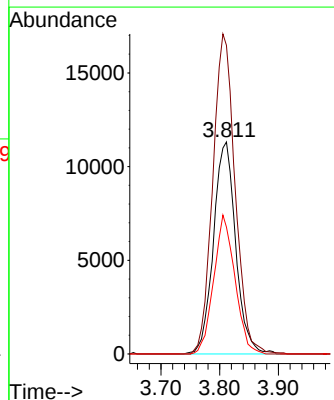
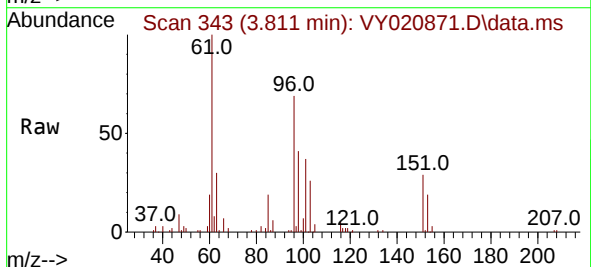


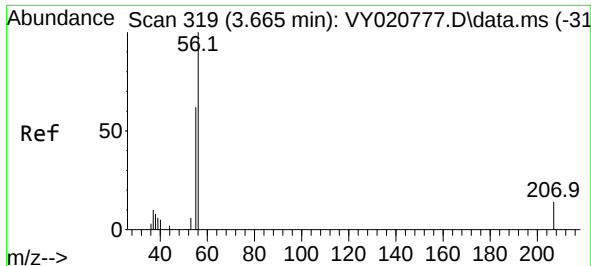
Tgt Ion: 59 Resp: 12724
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.872 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

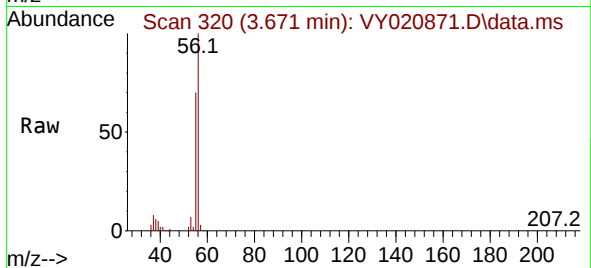
Tgt Ion: 96 Resp: 29732
Ion Ratio Lower Upper
96 100
61 145.5 117.8 176.8
98 59.8 51.9 77.9



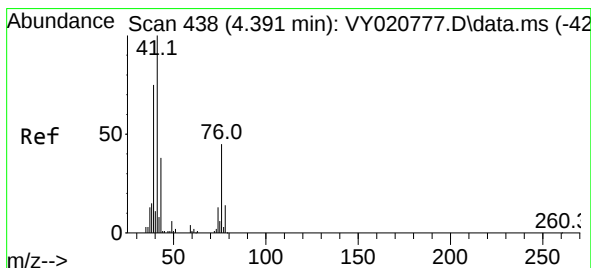
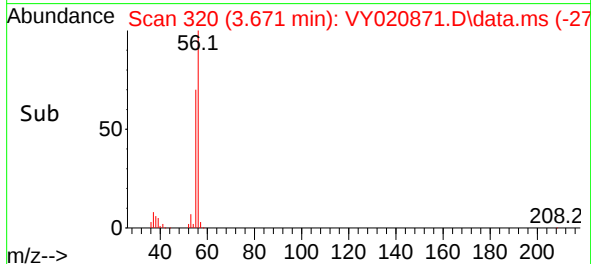
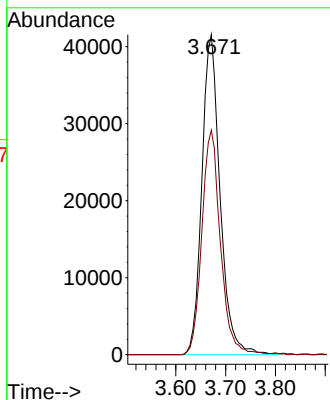


#13
Acrolein
Concen: 2892.974 ug/l
RT: 3.671 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Instrument :
MSVOA_Y
ClientSampleId :

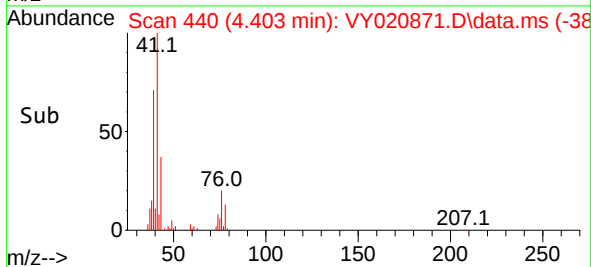
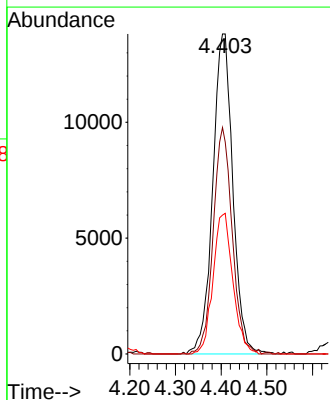
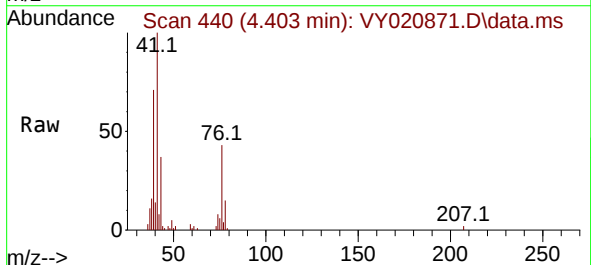


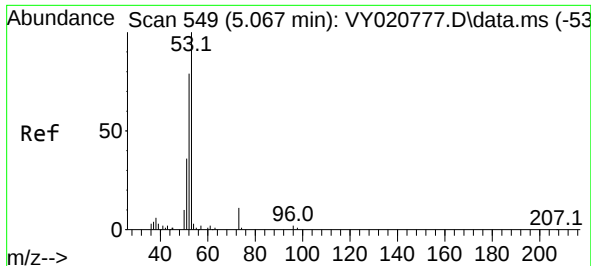
Tgt Ion: 56 Resp: 105416
Ion Ratio Lower Upper
56 100
55 71.4 58.1 87.1



#14
Allyl chloride
Concen: 18.563 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

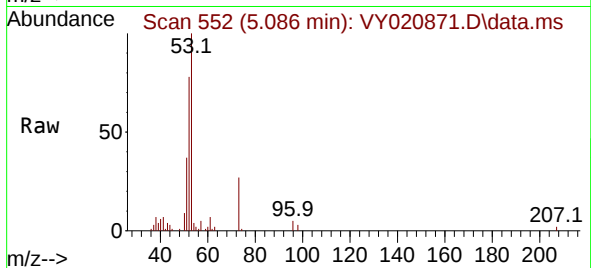
Tgt Ion: 41 Resp: 42193
Ion Ratio Lower Upper
41 100
39 67.0 57.5 86.3
76 43.4 35.6 53.4



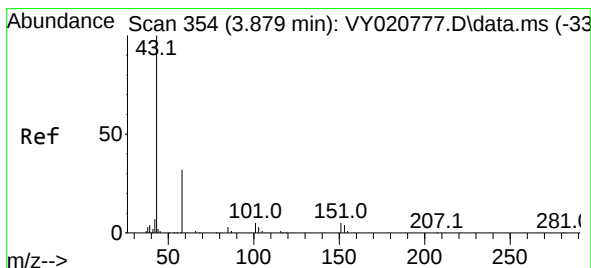
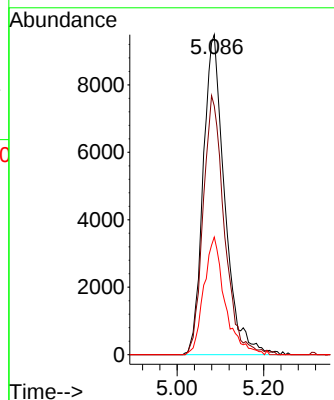
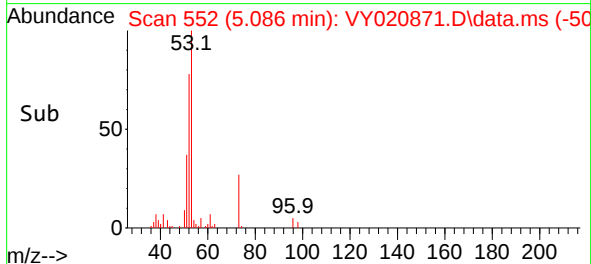


#15
Acrylonitrile
Concen: 92.381 ug/l
RT: 5.086 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

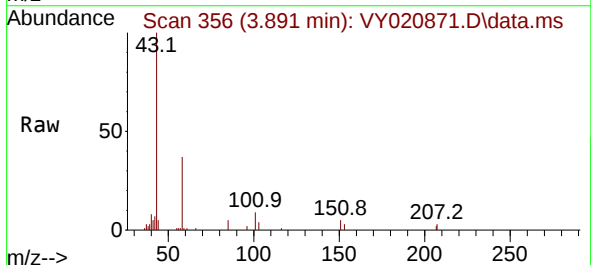
Instrument :
MSVOA_Y
ClientSampleId :



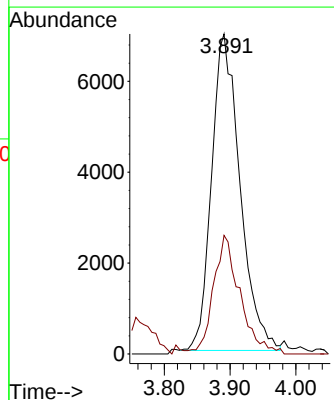
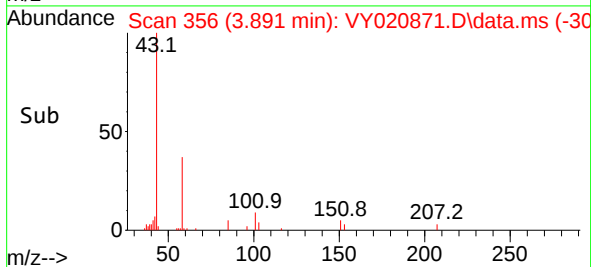
Tgt Ion: 53 Resp: 32703
Ion Ratio Lower Upper
53 100
52 79.9 64.3 96.5
51 36.1 29.3 43.9

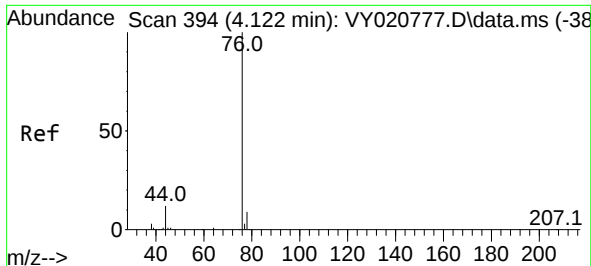


#16
Acetone
Concen: 85.853 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43



Tgt Ion: 43 Resp: 20964
Ion Ratio Lower Upper
43 100
58 36.1 26.7 40.1

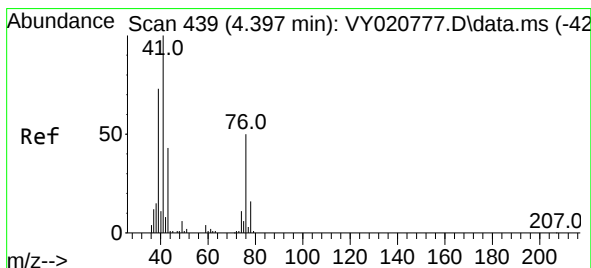
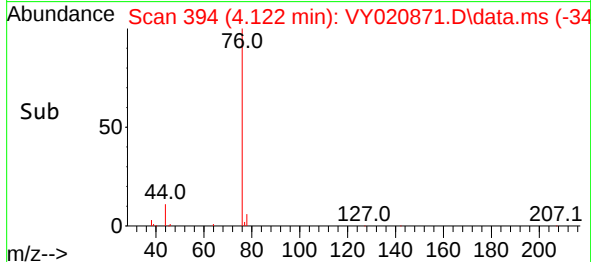
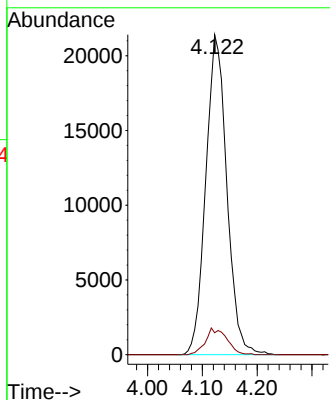
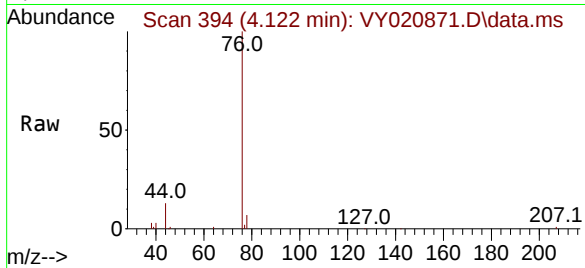




#17
Carbon Disulfide
Concen: 16.675 ug/l
RT: 4.122 min Scan# 394
Delta R.T. -0.000 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

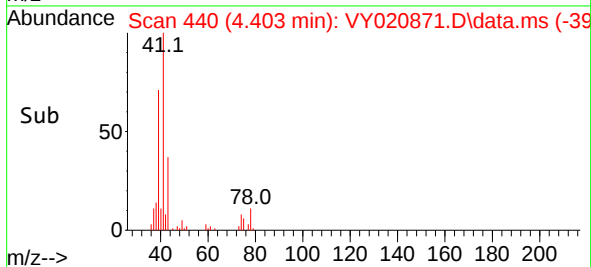
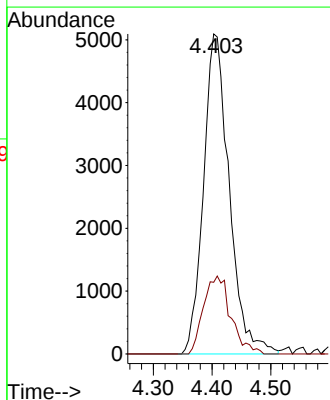
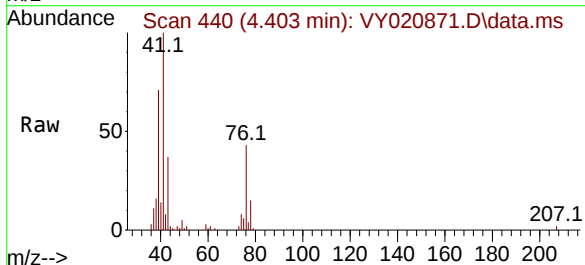
Instrument :
MSVOA_Y
ClientSampleId :

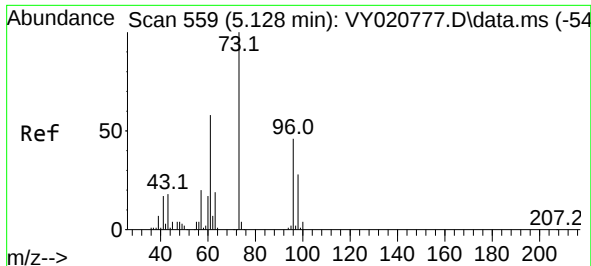
Tgt Ion: 76 Resp: 56990
Ion Ratio Lower Upper
76 100
78 6.8 7.4 11.2#



#18
Methyl Acetate
Concen: 18.783 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion: 43 Resp: 15486
Ion Ratio Lower Upper
43 100
74 25.8 23.0 34.6

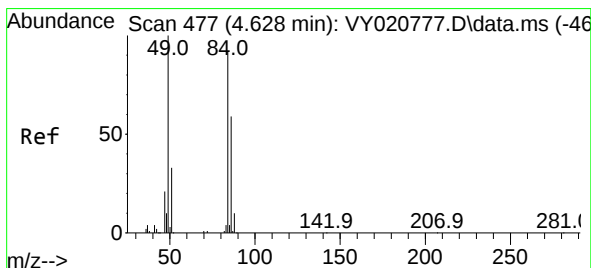
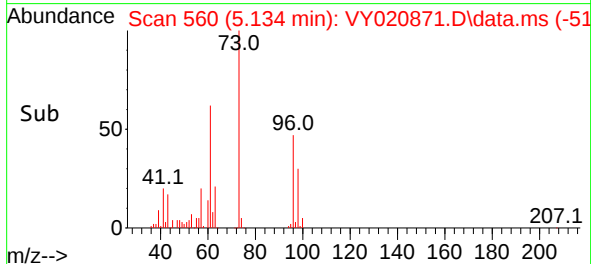
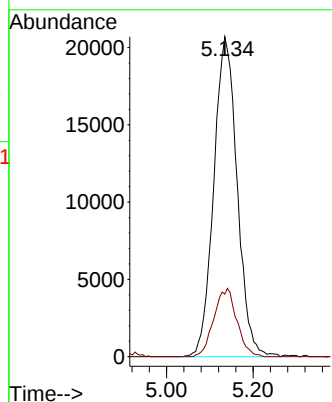
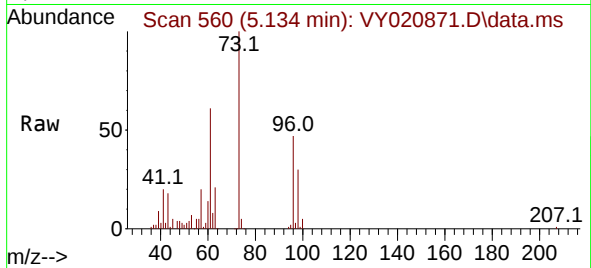




#19
Methyl tert-butyl Ether
Concen: 17.518 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

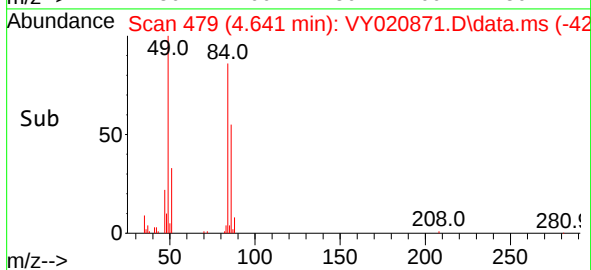
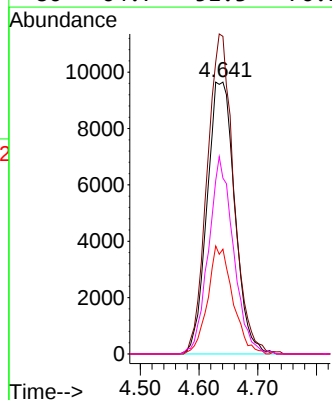
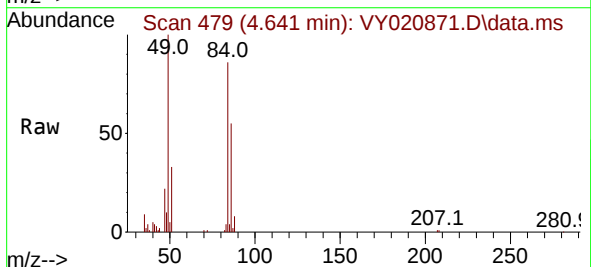
Instrument :
MSVOA_Y
ClientSampleId :

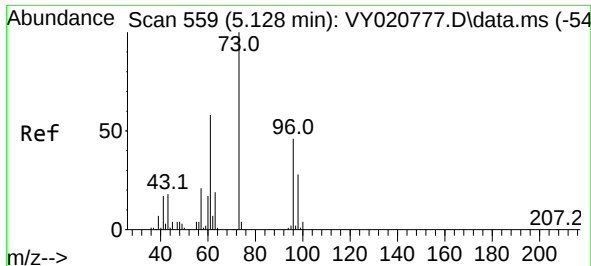
Tgt Ion: 73 Resp: 77889
Ion Ratio Lower Upper
73 100
57 19.5 16.4 24.6



#20
Methylene Chloride
Concen: 18.755 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

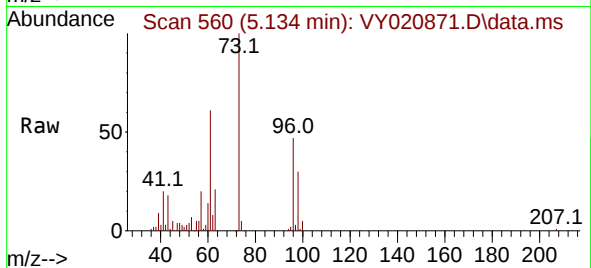
Tgt Ion: 84 Resp: 31628
Ion Ratio Lower Upper
84 100
49 116.9 86.7 130.1
51 38.6 28.4 42.6
86 64.7 51.3 76.9



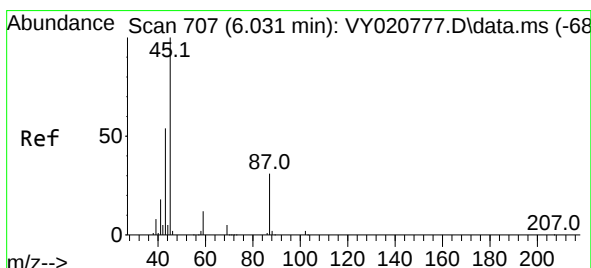
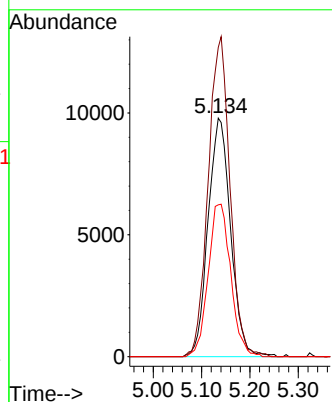
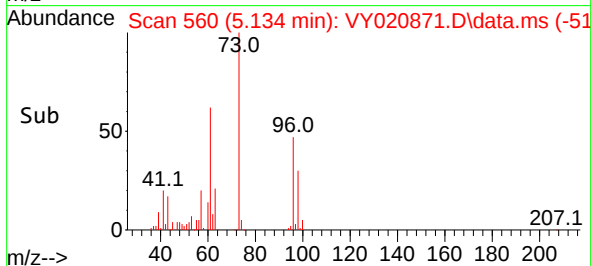


#21
trans-1,2-Dichloroethene
Concen: 18.317 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Instrument :
MSVOA_Y
ClientSampleId :

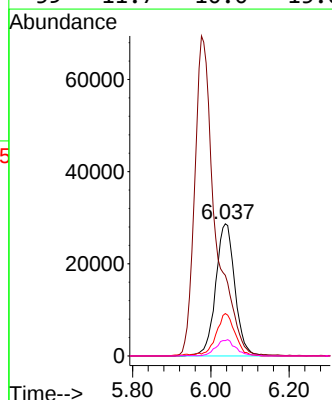
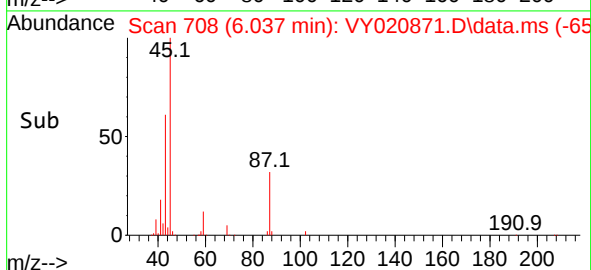
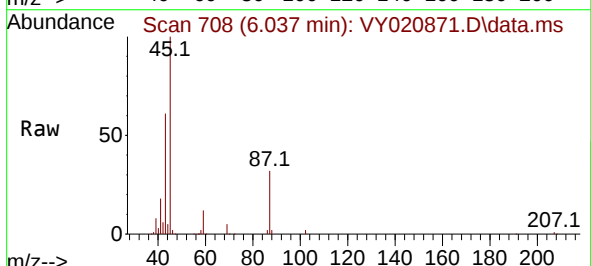


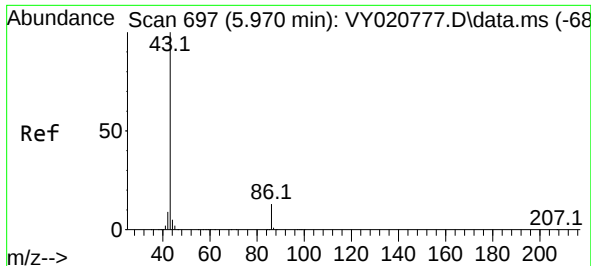
Tgt Ion: 96 Resp: 31779
Ion Ratio Lower Upper
96 100
61 129.7 101.6 152.4
98 63.6 49.4 74.2



#22
Diisopropyl ether
Concen: 20.195 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion: 45 Resp: 97781
Ion Ratio Lower Upper
45 100
43 60.4 43.9 65.9
87 32.1 25.3 37.9
59 11.7 10.0 15.0

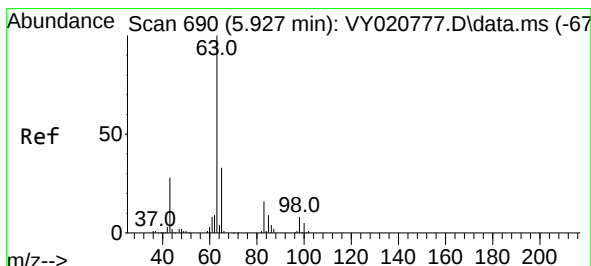
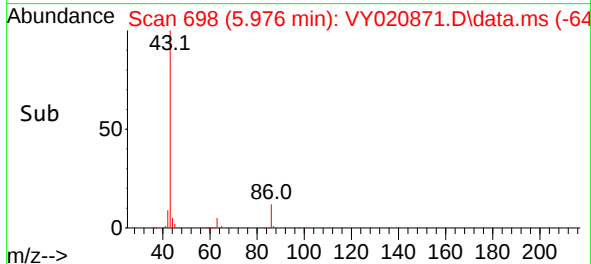
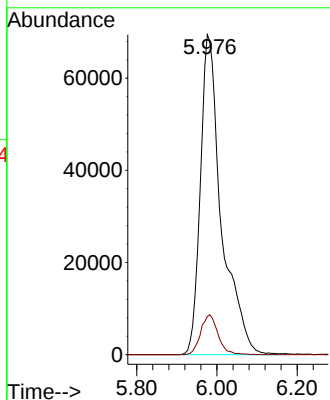
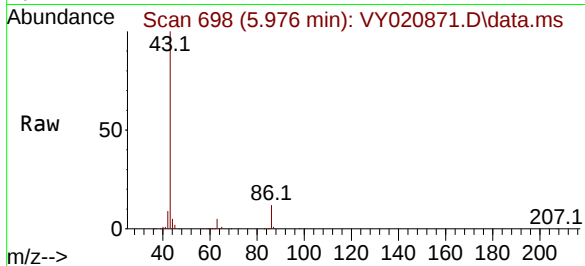




#23
 Vinyl Acetate
 Concen: 95.010 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY020871.D
 Acq: 20 Jan 2025 10:43

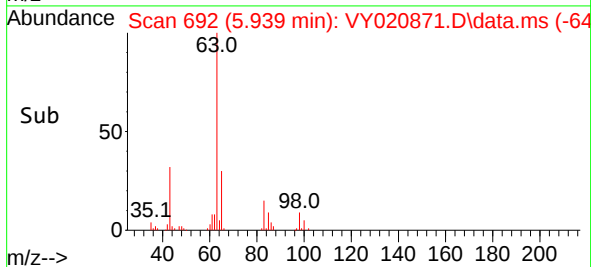
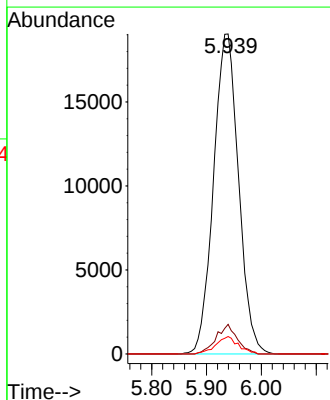
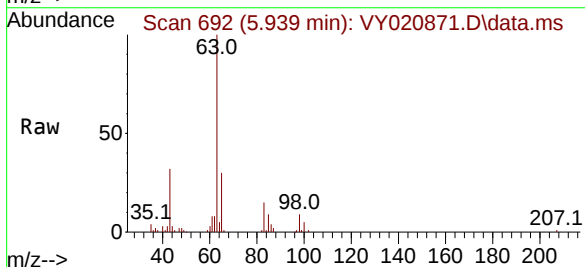
Instrument :
 MSVOA_Y
 ClientSampleId :

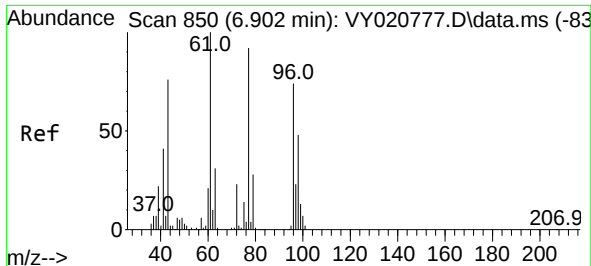
Tgt Ion: 43 Resp: 253644
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 18.885 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY020871.D
 Acq: 20 Jan 2025 10:43

Tgt Ion: 63 Resp: 60328
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.9 11.7
 100 5.5 2.4 7.2





#25

2-Butanone

Concen: 90.907 ug/l

RT: 6.921 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

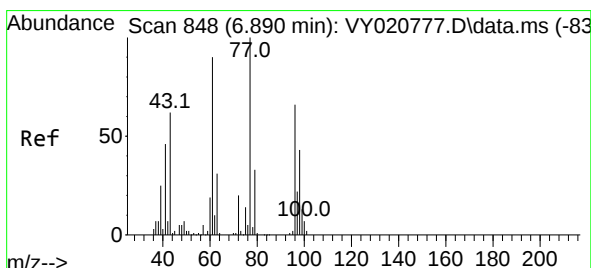
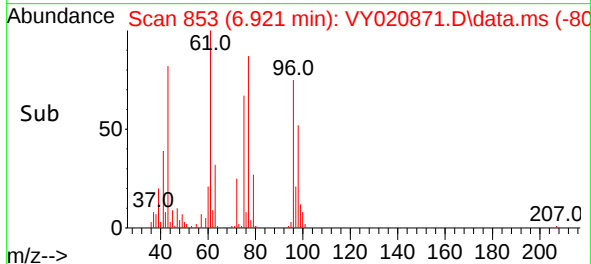
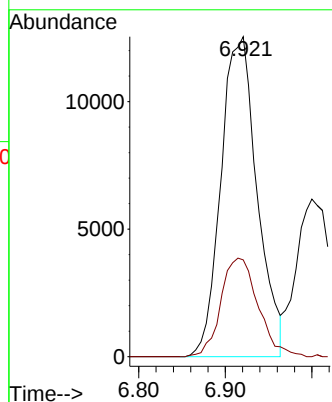
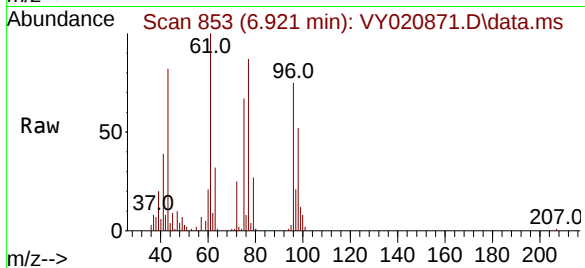
ClientSampleId :

Tgt Ion: 43 Resp: 36464

Ion Ratio Lower Upper

43 100

72 30.3 24.0 36.0



#26

2,2-Dichloropropane

Concen: 18.435 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY020871.D

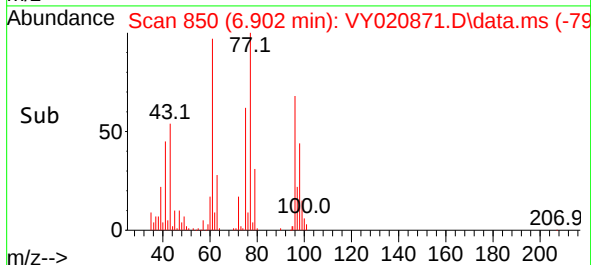
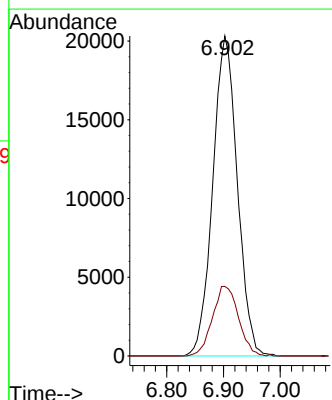
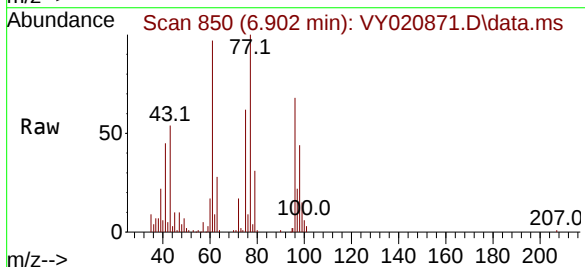
Acq: 20 Jan 2025 10:43

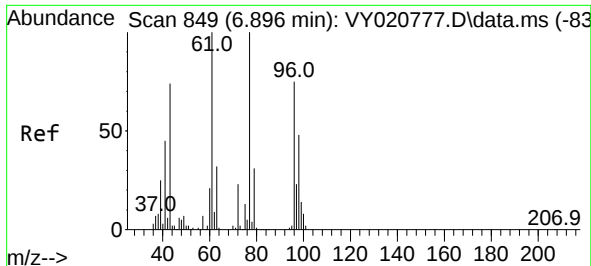
Tgt Ion: 77 Resp: 61145

Ion Ratio Lower Upper

77 100

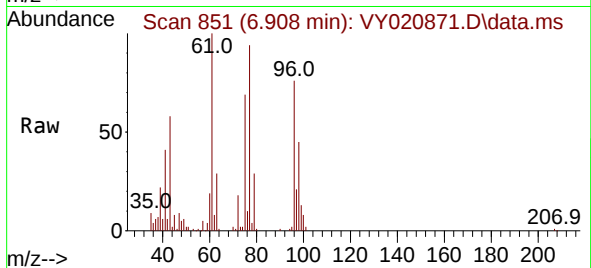
97 23.1 11.3 33.8





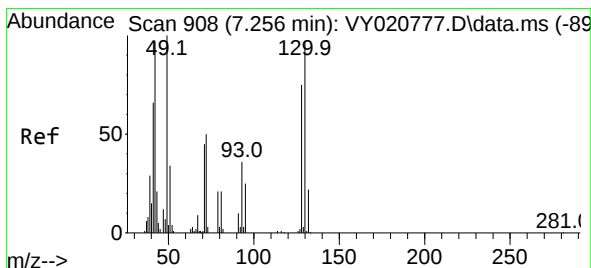
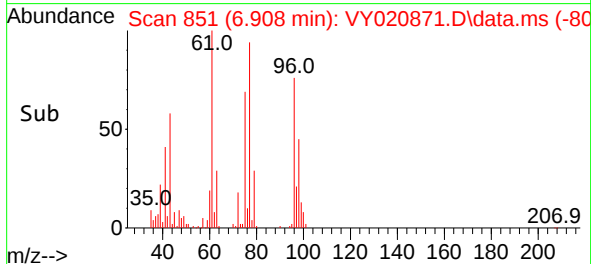
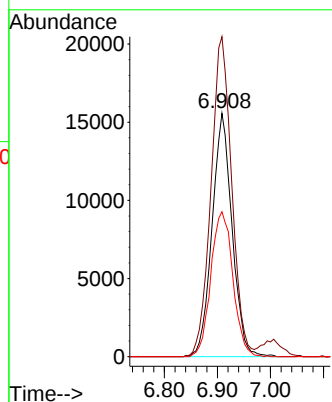
#27
 cis-1,2-Dichloroethene
 Concen: 18.663 ug/l
 RT: 6.908 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: VY020871.D
 Acq: 20 Jan 2025 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 40853

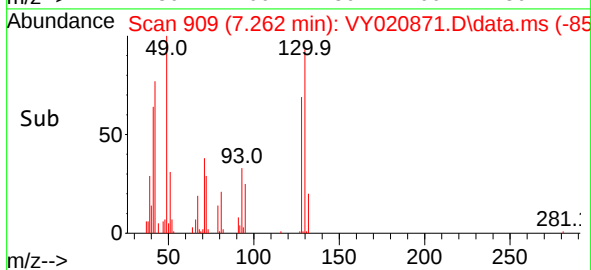
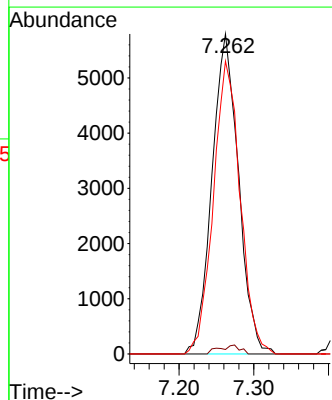
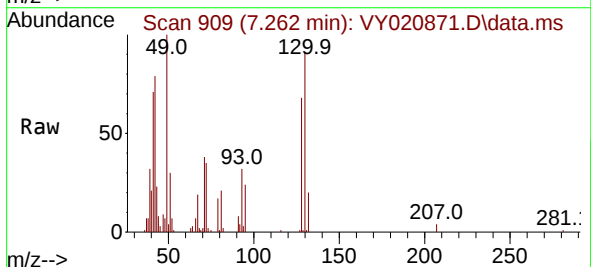
Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	271.4
98	65.5	0.0	129.0

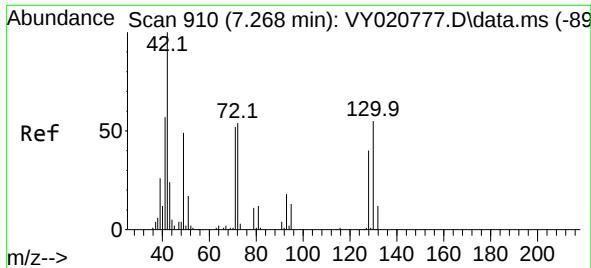


#28
 Bromochloromethane
 Concen: 16.585 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.006 min
 Lab File: VY020871.D
 Acq: 20 Jan 2025 10:43

Tgt Ion: 49 Resp: 14296

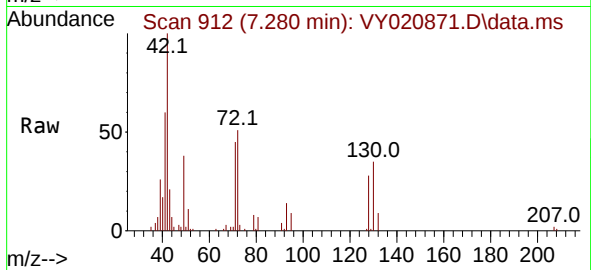
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.2
130	92.4	77.8	116.6



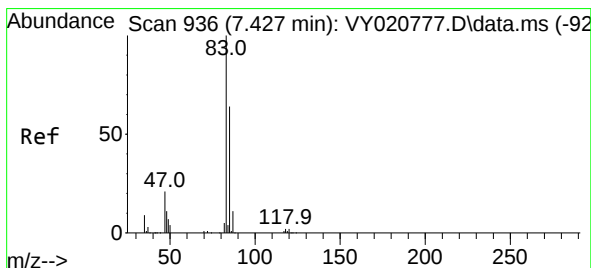
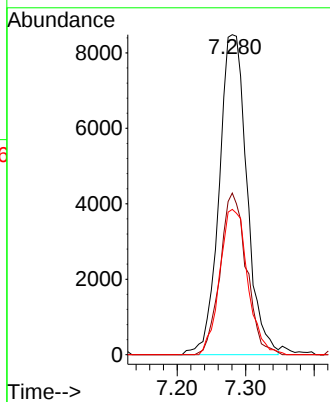
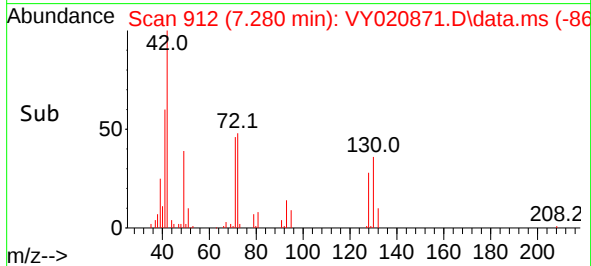


#29
Tetrahydrofuran
Concen: 93.080 ug/l
RT: 7.280 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Instrument :
MSVOA_Y
ClientSampleId :

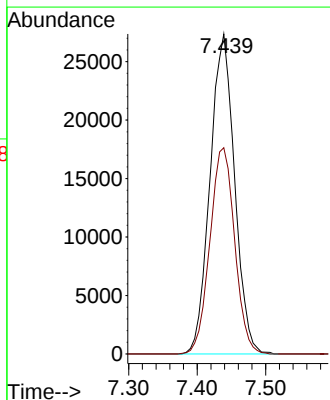
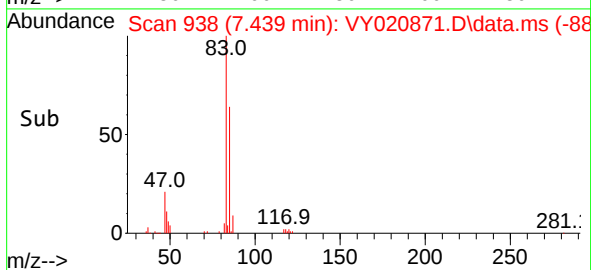
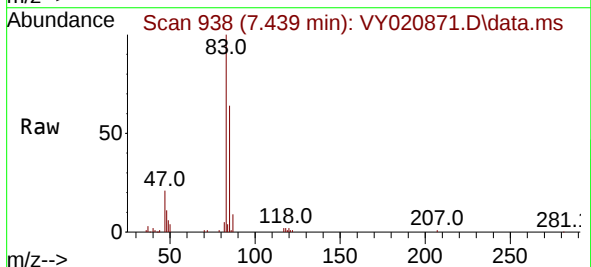


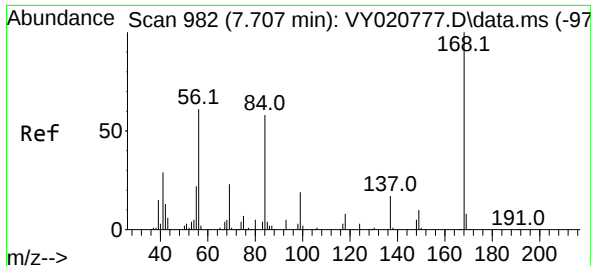
Tgt Ion:	42	Resp:	23850
Ion	Ratio	Lower	Upper
42	100		
72	48.0	41.8	62.6
71	45.8	39.8	59.8



#30
Chloroform
Concen: 18.654 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion:	83	Resp:	67956
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.1	76.7

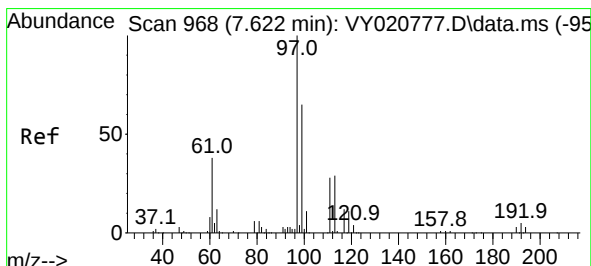
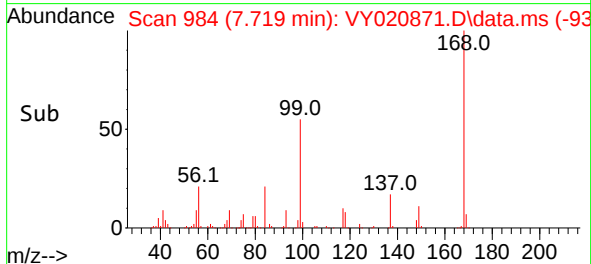
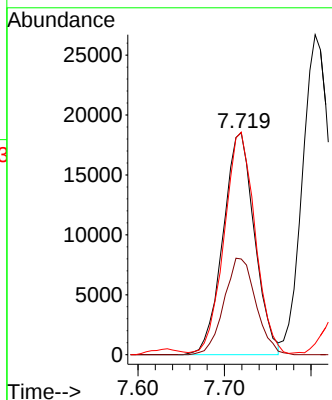
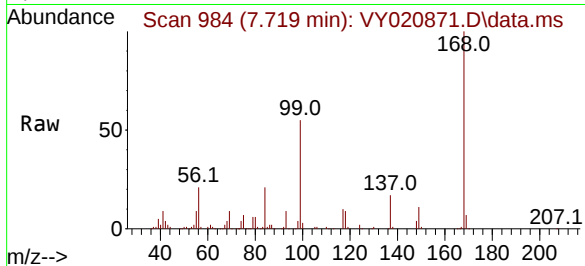




#31
Cyclohexane
Concen: 18.692 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

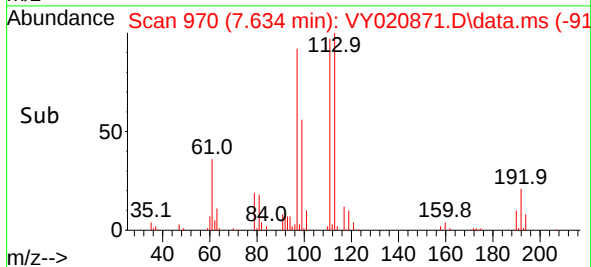
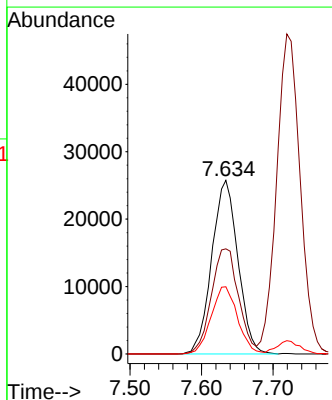
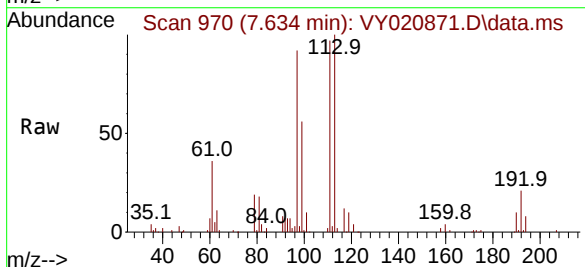
Instrument :
MSVOA_Y
ClientSampleId :

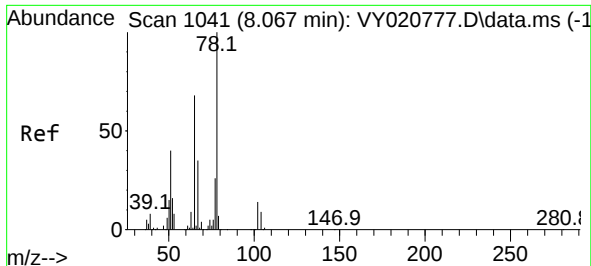
Tgt Ion: 56 Resp: 46704
Ion Ratio Lower Upper
56 100
69 43.1 30.5 45.7
84 98.6 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 18.418 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion: 97 Resp: 65446
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.2
61 39.2 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 54.486 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

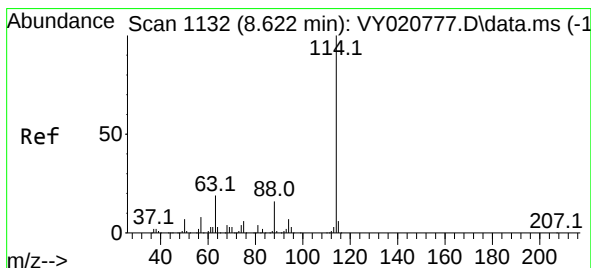
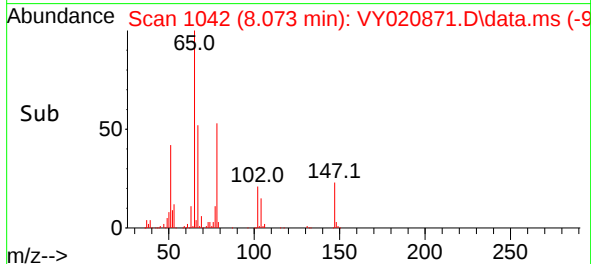
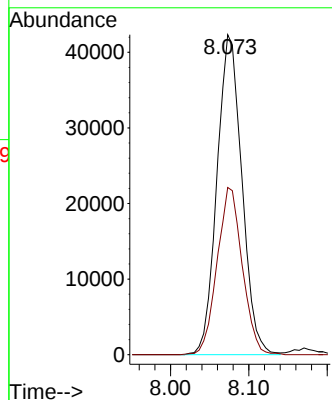
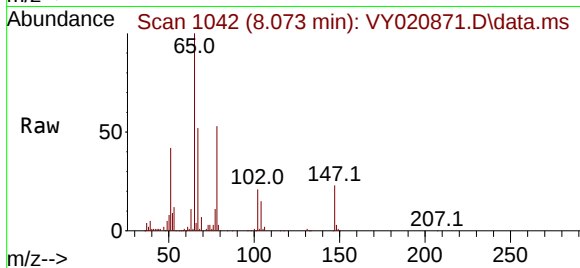
ClientSampleId :

Tgt Ion: 65 Resp: 93562

Ion Ratio Lower Upper

65 100

67 52.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

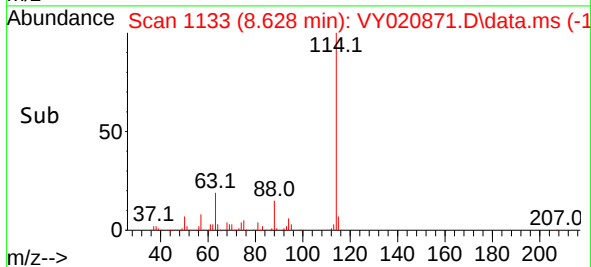
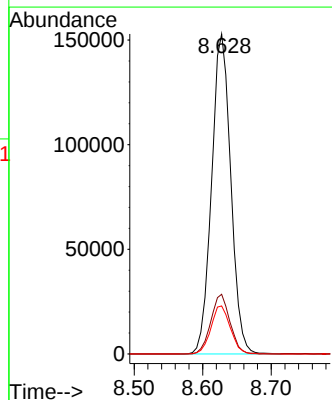
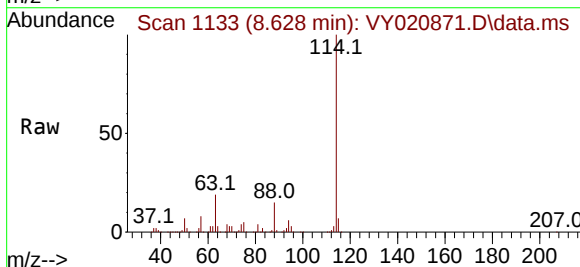
Tgt Ion: 114 Resp: 297111

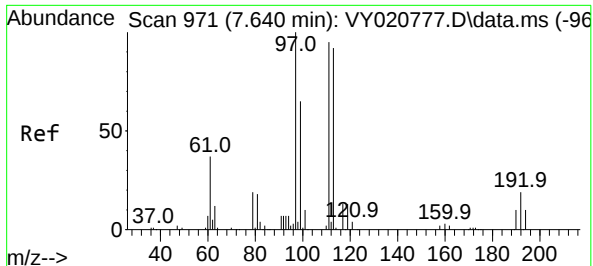
Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

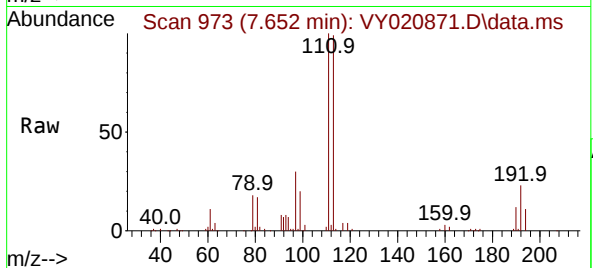
88 15.0 0.0 31.2



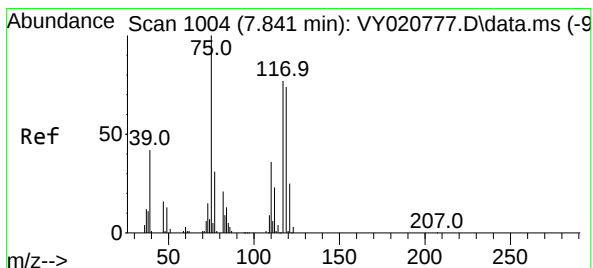
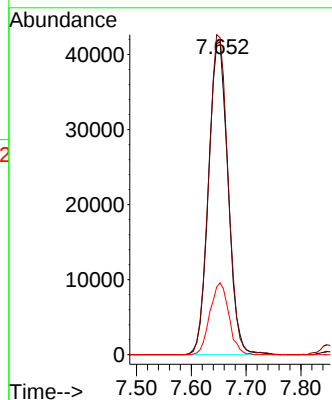
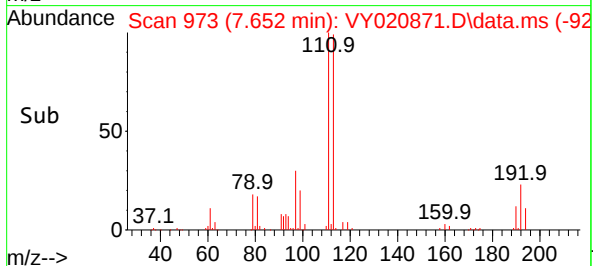


#35
Dibromofluoromethane
Concen: 55.082 ug/l
RT: 7.652 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Instrument :
MSVOA_Y
ClientSampleId :

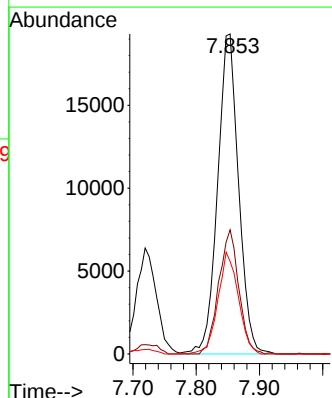
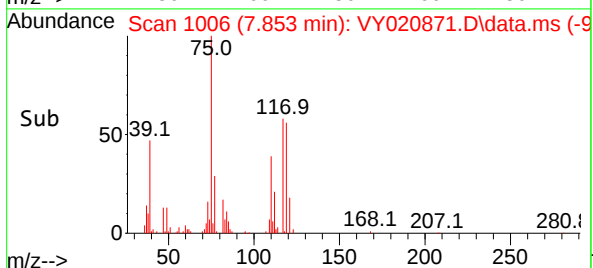
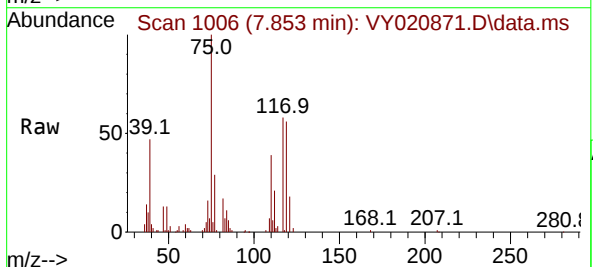


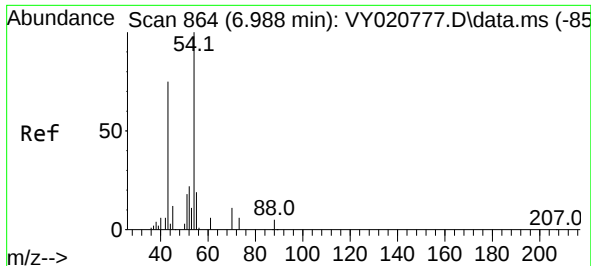
Tgt Ion:113 Resp: 102529
Ion Ratio Lower Upper
113 100
111 102.3 81.7 122.5
192 22.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 18.708 ug/l
RT: 7.853 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion: 75 Resp: 44417
Ion Ratio Lower Upper
75 100
110 37.1 18.5 55.5
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 19.757 ug/l

RT: 7.000 min Scan# 8

Delta R.T. 0.012 min

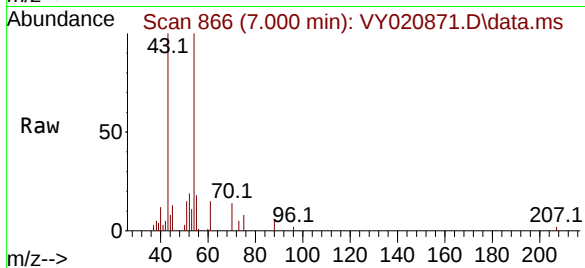
Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :



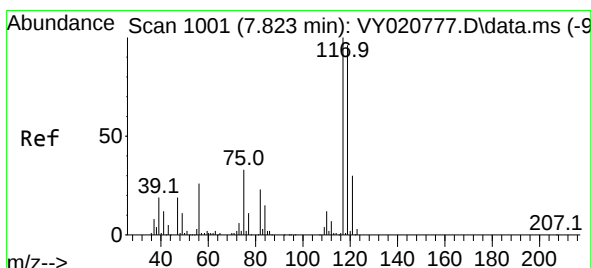
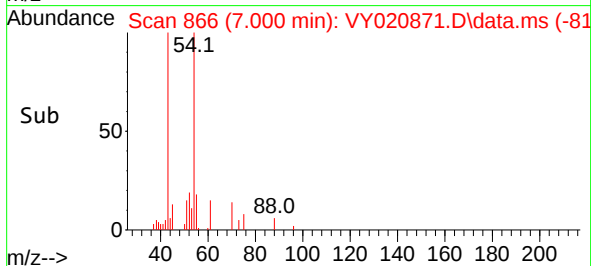
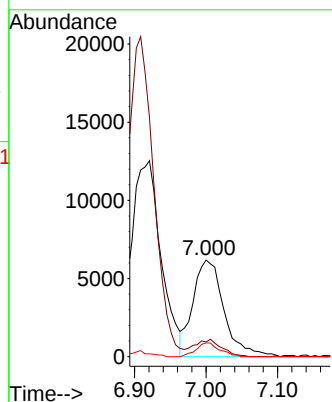
Tgt Ion: 43 Resp: 18666

Ion Ratio Lower Upper

43 100

61 15.7 11.8 17.6

70 10.9 9.8 14.8



#38

Carbon Tetrachloride

Concen: 18.036 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

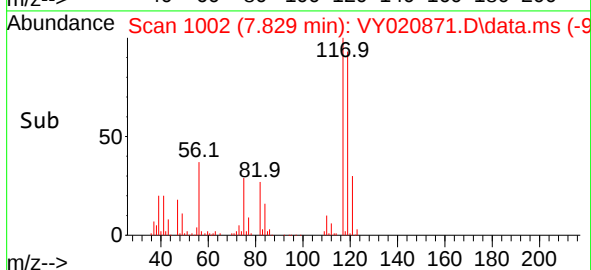
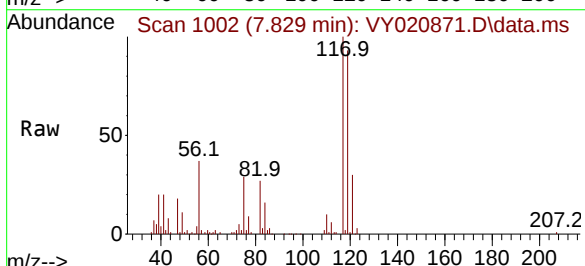
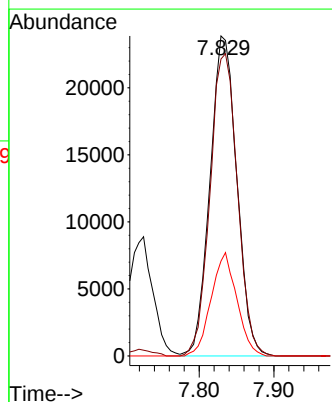
Tgt Ion: 117 Resp: 59606

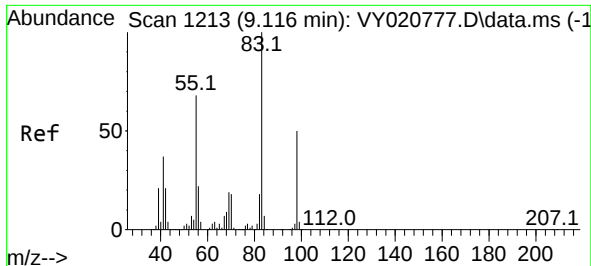
Ion Ratio Lower Upper

117 100

119 92.8 76.5 114.7

121 29.6 24.3 36.5





#39

Methylcyclohexane

Concen: 18.073 ug/l

RT: 9.121 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

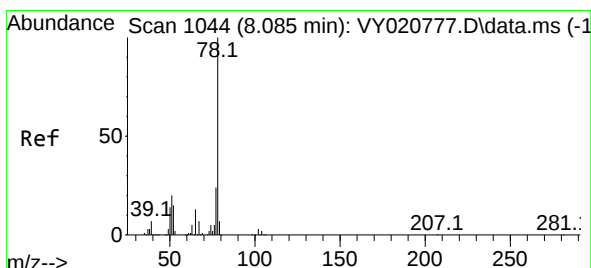
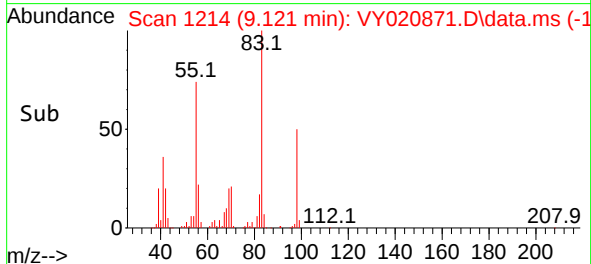
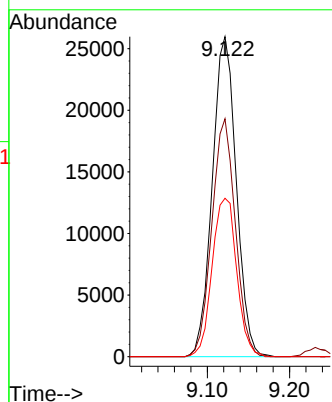
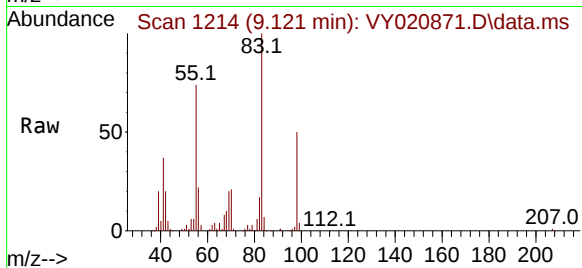
Tgt Ion: 83 Resp: 52653

Ion Ratio Lower Upper

83 100

55 74.3 54.8 82.2

98 49.5 40.0 60.0



#40

Benzene

Concen: 18.825 ug/l

RT: 8.097 min Scan# 1046

Delta R.T. 0.012 min

Lab File: VY020871.D

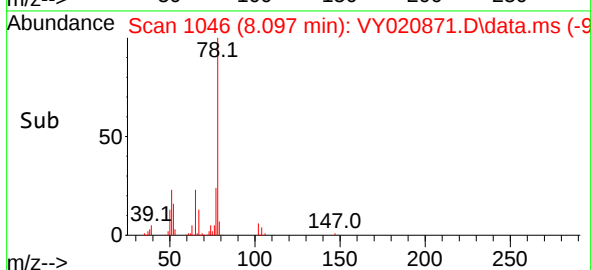
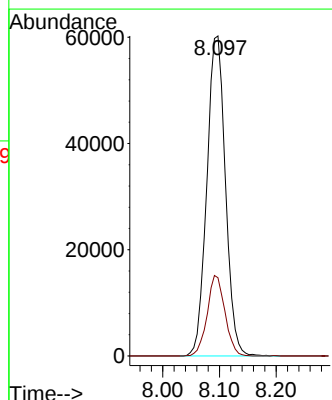
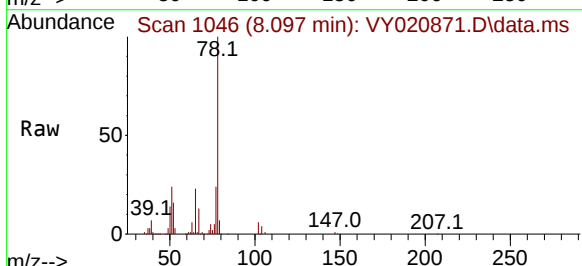
Acq: 20 Jan 2025 10:43

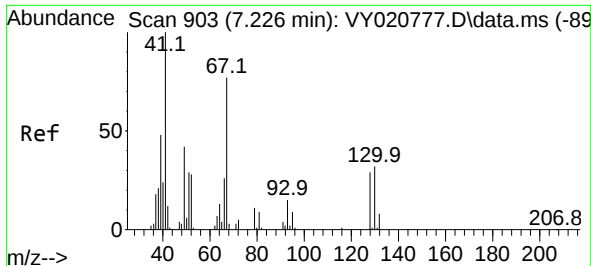
Tgt Ion: 78 Resp: 137168

Ion Ratio Lower Upper

78 100

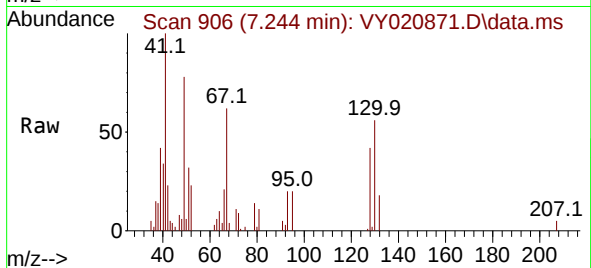
77 24.4 19.4 29.2



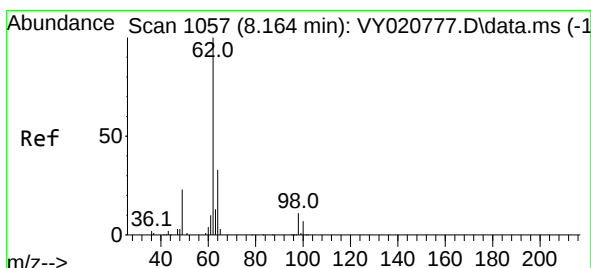
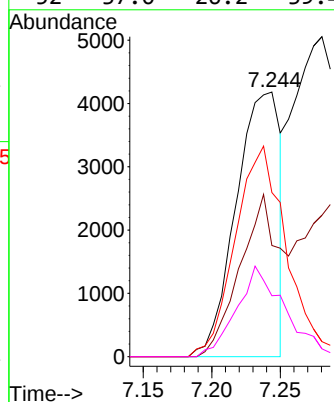
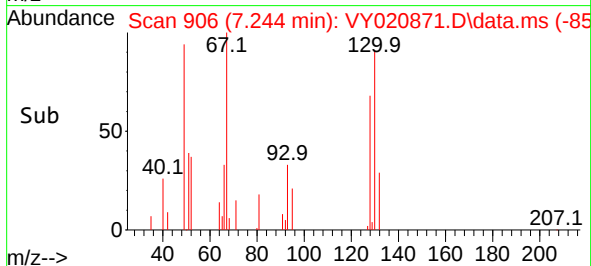


#41
Methacrylonitrile
Concen: 17.341 ug/l
RT: 7.244 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Instrument :
MSVOA_Y
ClientSampleId :

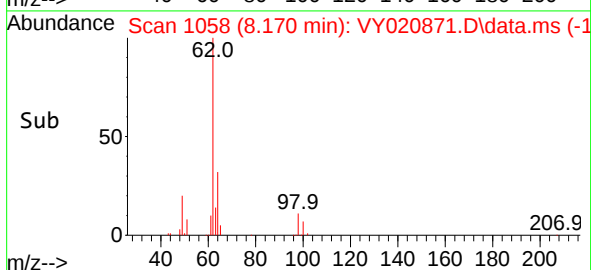
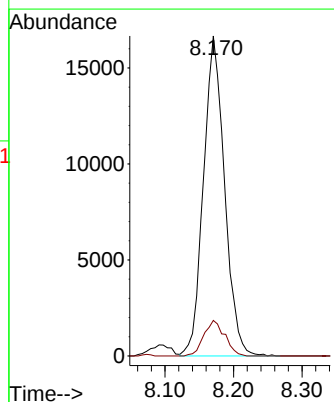
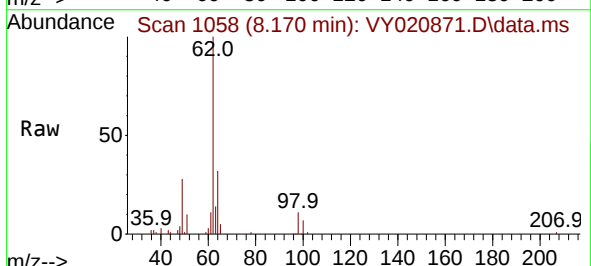


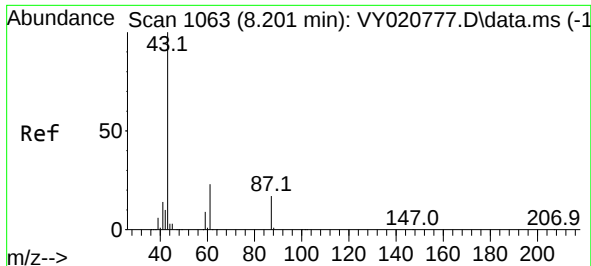
Tgt Ion:	41	Resp:	9383
Ion	Ratio	Lower	Upper
41	100		
39	56.9	42.4	63.6
67	92.4	67.8	101.8
52	37.0	26.2	39.4



#42
1,2-Dichloroethane
Concen: 17.948 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion:	62	Resp:	35715
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	19.6

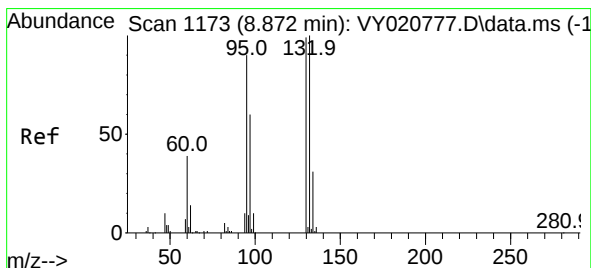
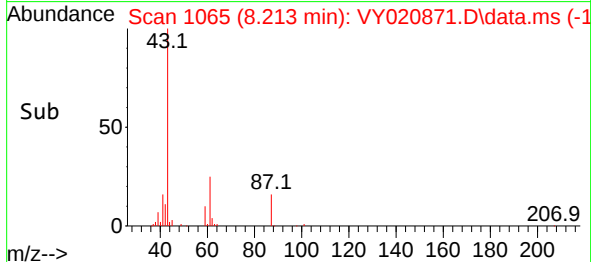
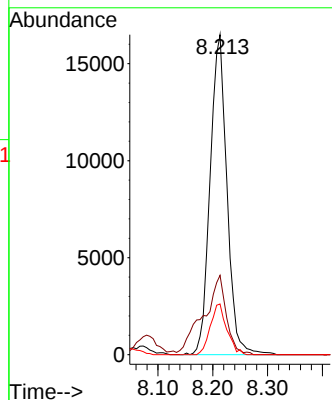
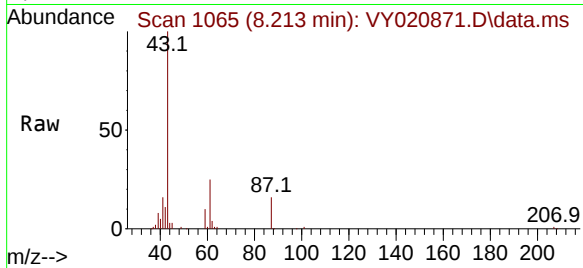




#43
Isopropyl Acetate
Concen: 18.244 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

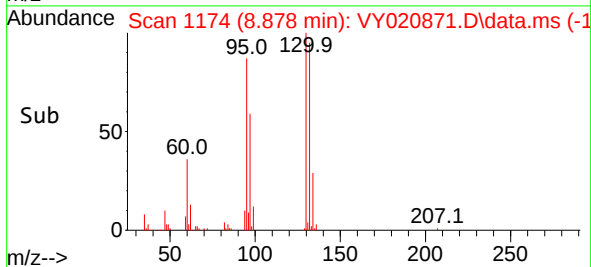
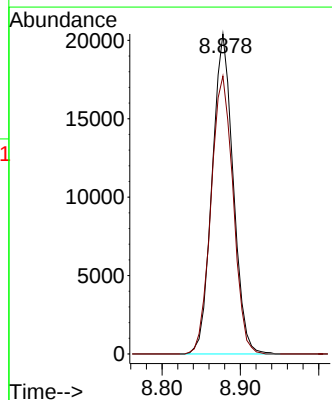
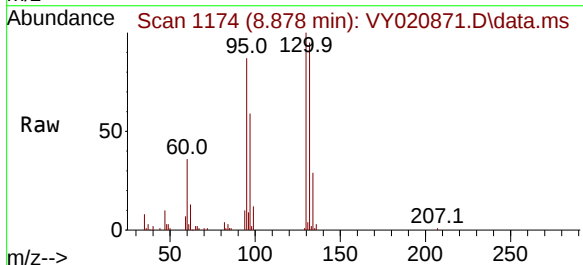
Instrument :
MSVOA_Y
ClientSampleId :

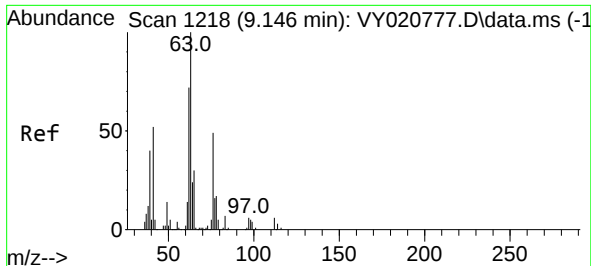
Tgt Ion: 43 Resp: 35059
Ion Ratio Lower Upper
43 100
61 33.9 26.5 39.7
87 15.6 13.4 20.0



#44
Trichloroethene
Concen: 18.774 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion:130 Resp: 38135
Ion Ratio Lower Upper
130 100
95 86.8 0.0 181.0





#45

1,2-Dichloropropane

Concen: 19.630 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

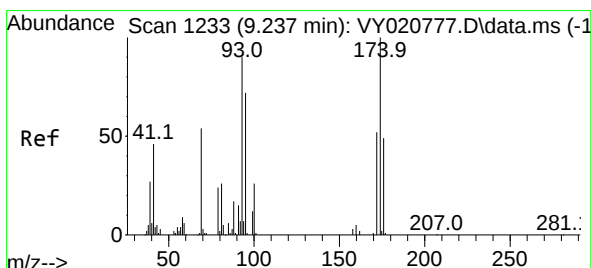
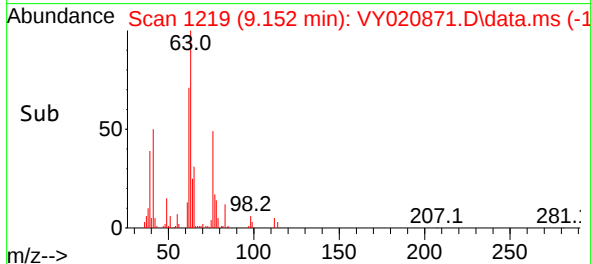
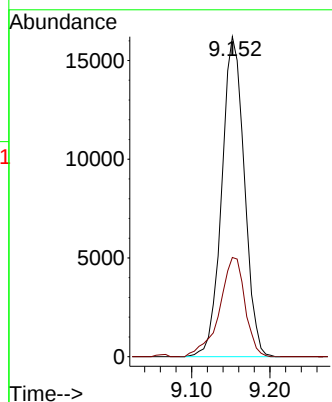
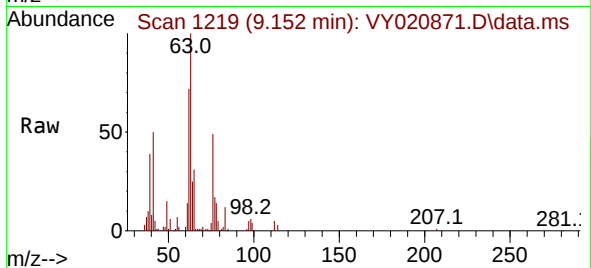
ClientSampleId :

Tgt Ion: 63 Resp: 32427

Ion Ratio Lower Upper

63 100

65 31.0 24.2 36.4



#46

Dibromomethane

Concen: 18.885 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

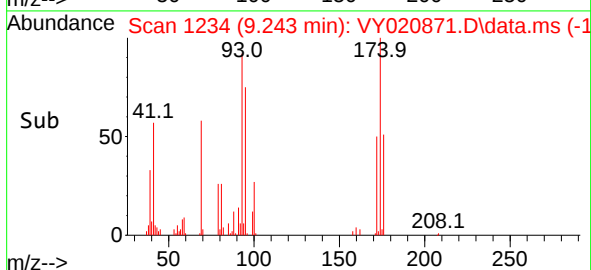
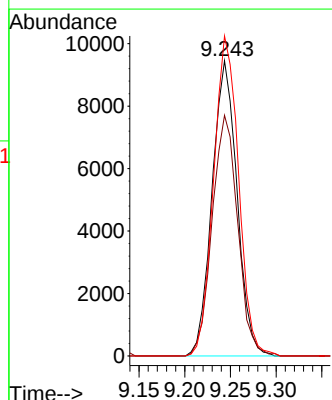
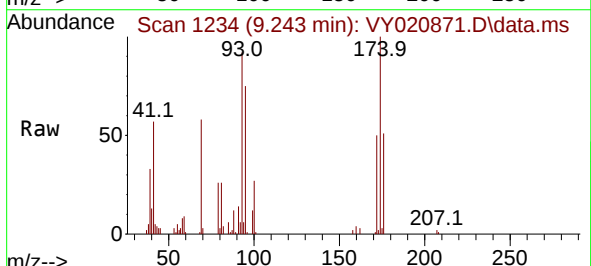
Tgt Ion: 93 Resp: 17914

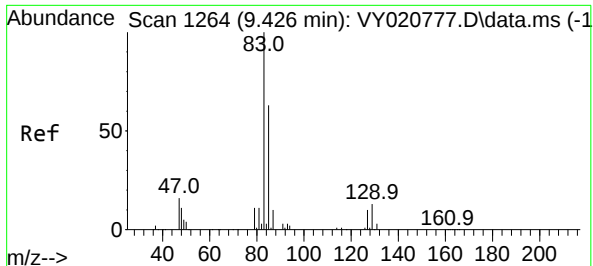
Ion Ratio Lower Upper

93 100

95 83.4 68.2 102.4

174 108.9 89.0 133.6

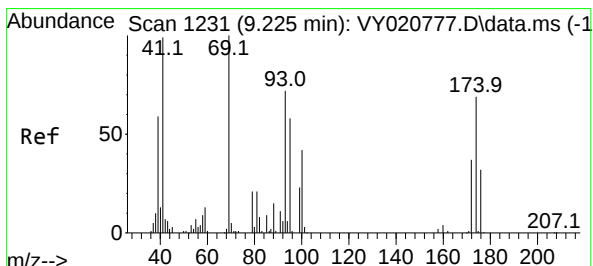
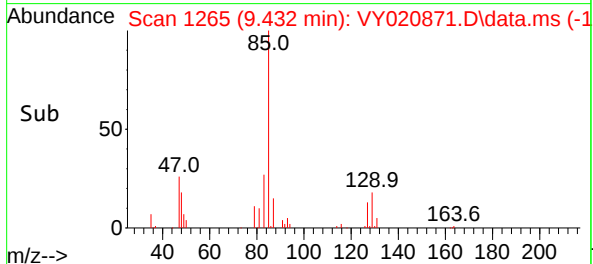
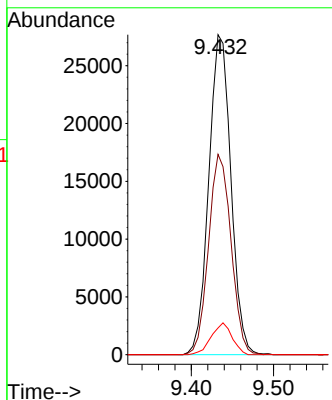
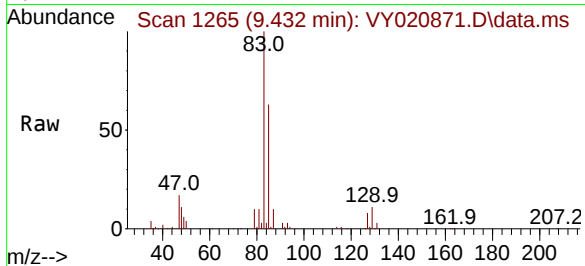




#47
Bromodichloromethane
Concen: 19.055 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

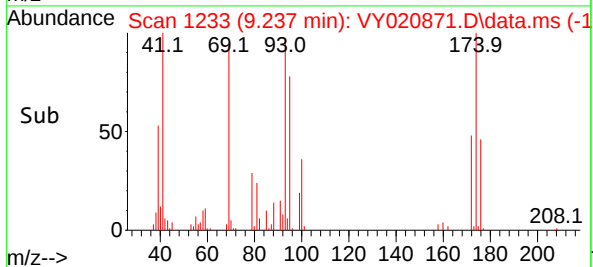
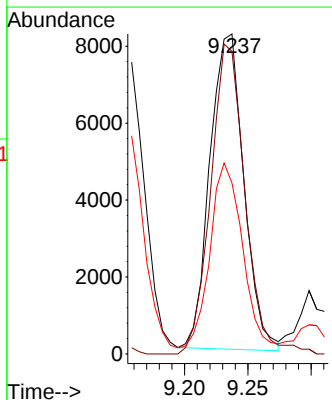
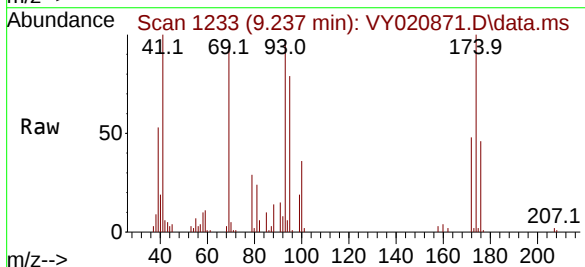
Instrument :
MSVOA_Y
ClientSampleId :

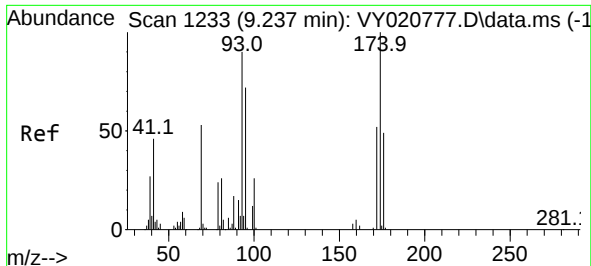
Tgt Ion: 83 Resp: 51767
Ion Ratio Lower Upper
83 100
85 62.6 50.7 76.1
127 8.3 7.9 11.9



#48
Methyl methacrylate
Concen: 17.767 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion: 41 Resp: 15307
Ion Ratio Lower Upper
41 100
69 99.4 78.9 118.3
39 56.5 44.6 67.0





#49

1,4-Dioxane

Concen: 365.985 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.012 min

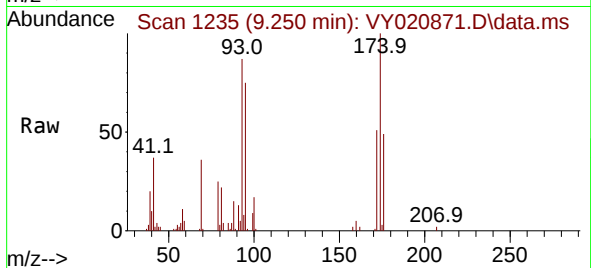
Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :



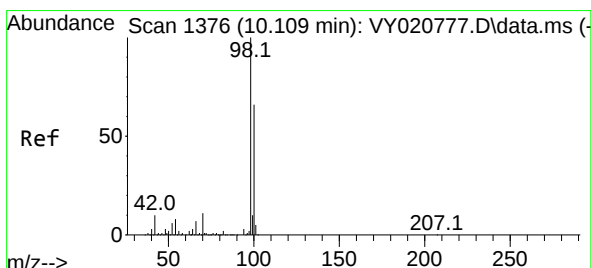
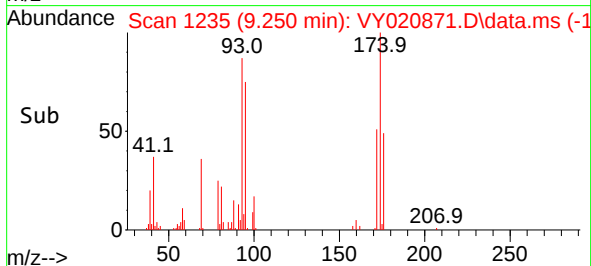
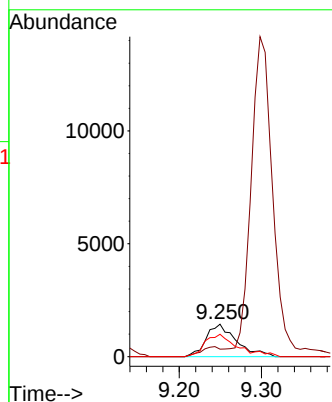
Tgt Ion: 88 Resp: 3686

Ion Ratio Lower Upper

88 100

43 22.8 24.4 36.6#

58 74.5 51.0 76.6



#50

Toluene-d8

Concen: 59.810 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020871.D

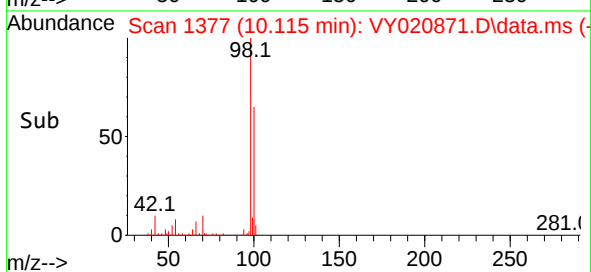
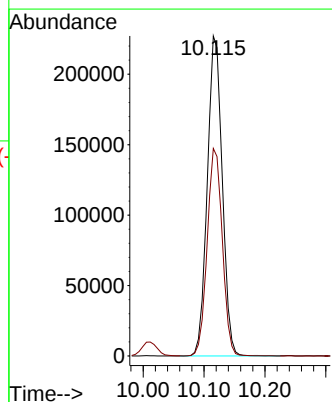
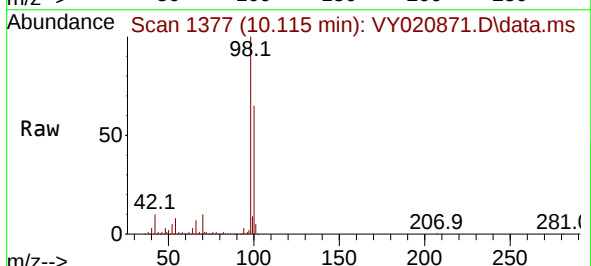
Acq: 20 Jan 2025 10:43

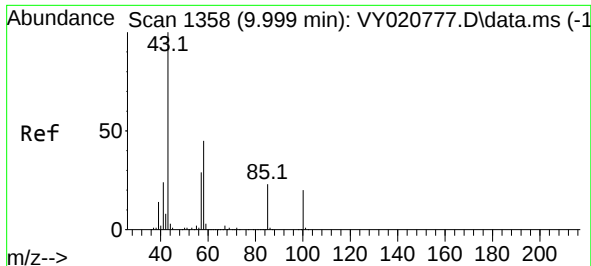
Tgt Ion: 98 Resp: 388091

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7

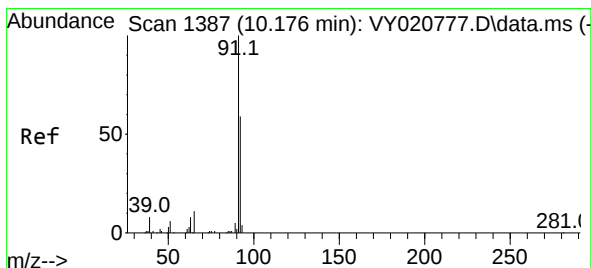
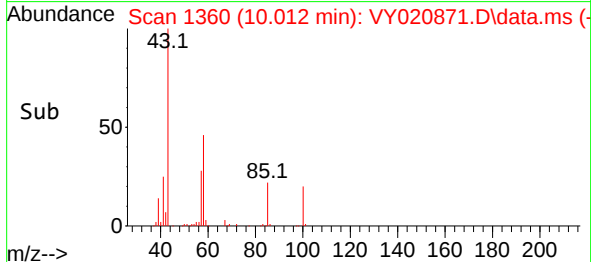
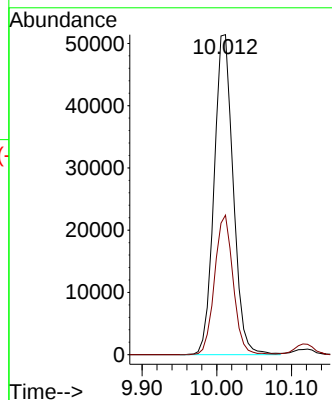
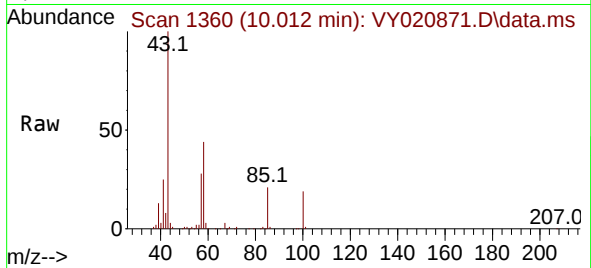




#51
4-Methyl-2-Pentanone
Concen: 95.460 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

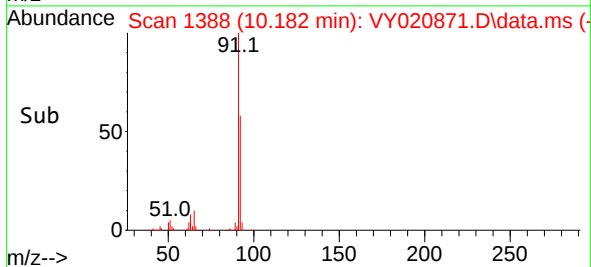
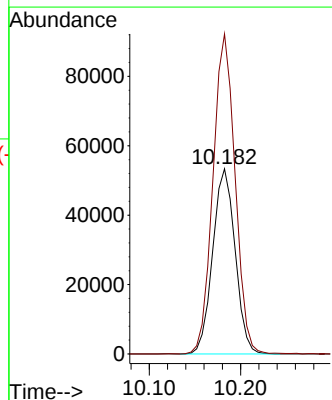
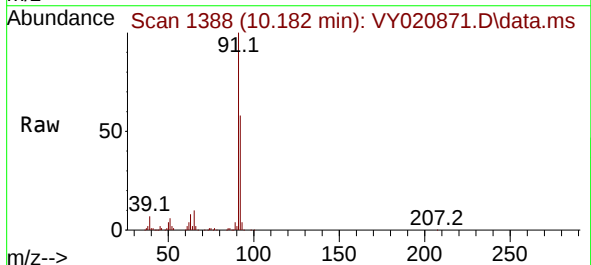
Instrument :
MSVOA_Y
ClientSampleId :

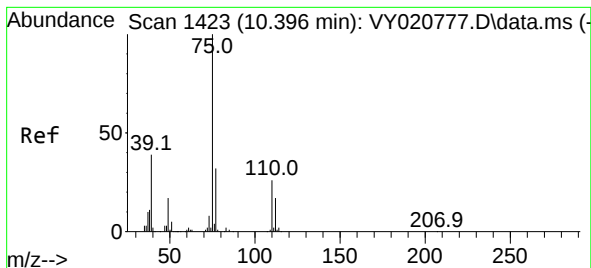
Tgt Ion: 43 Resp: 91647
Ion Ratio Lower Upper
43 100
58 42.4 34.8 52.2



#52
Toluene
Concen: 18.825 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion: 92 Resp: 90837
Ion Ratio Lower Upper
92 100
91 171.0 136.6 204.8

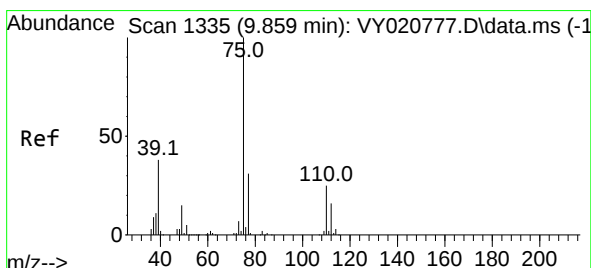
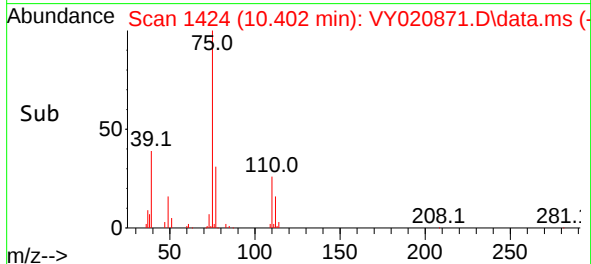
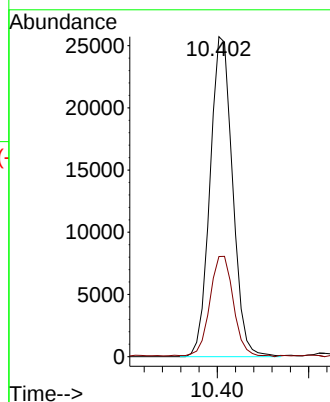
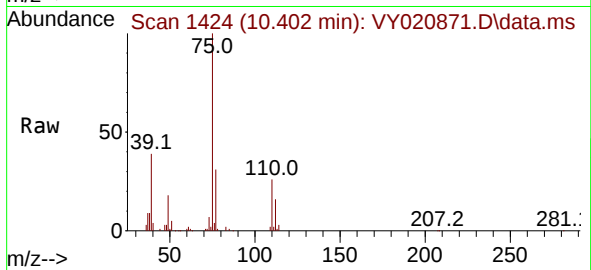




#53
 t-1,3-Dichloropropene
 Concen: 18.239 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY020871.D
 Acq: 20 Jan 2025 10:43

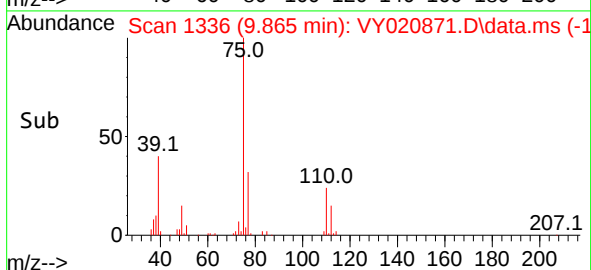
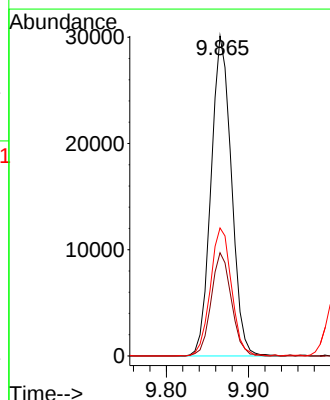
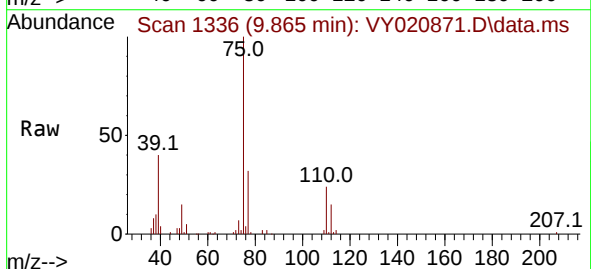
Instrument :
 MSVOA_Y
 ClientSampleId :

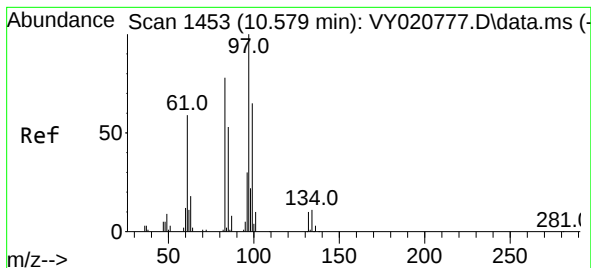
Tgt Ion: 75 Resp: 44070
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.463 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY020871.D
 Acq: 20 Jan 2025 10:43

Tgt Ion: 75 Resp: 51809
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.5 36.7
 39 40.0 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 18.910 ug/l

RT: 10.585 min Scan# 1454

Delta R.T. 0.006 min

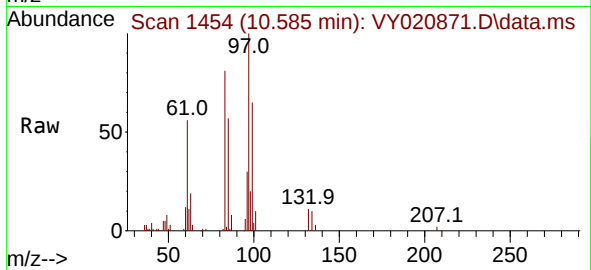
Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 25626

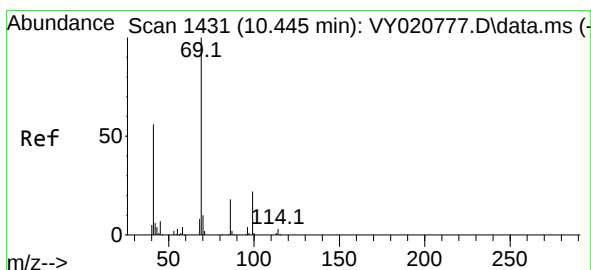
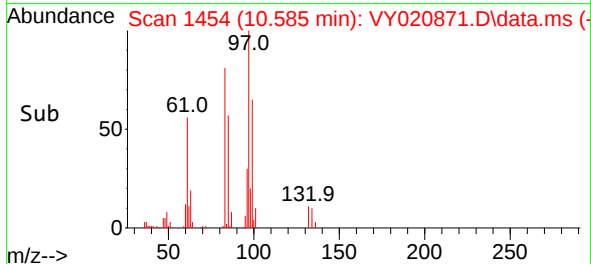
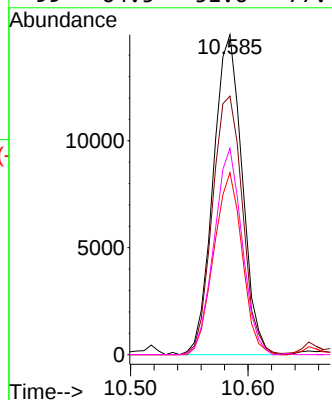
Ion Ratio Lower Upper

97 100

83 80.8 62.8 94.2

85 56.9 42.4 63.6

99 64.5 51.6 77.4



#56

Ethyl methacrylate

Concen: 17.744 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

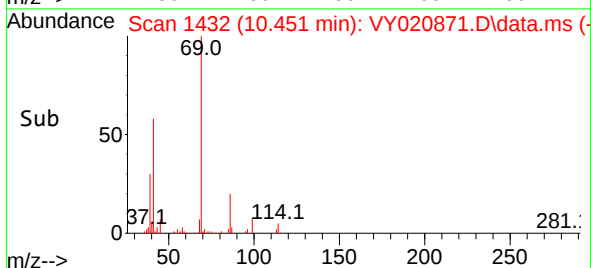
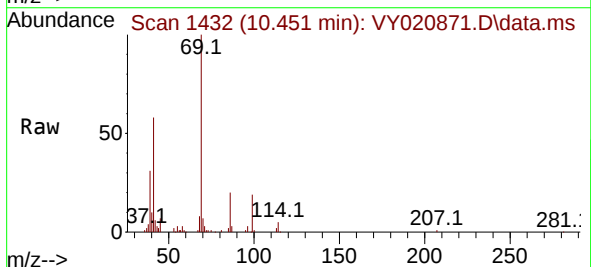
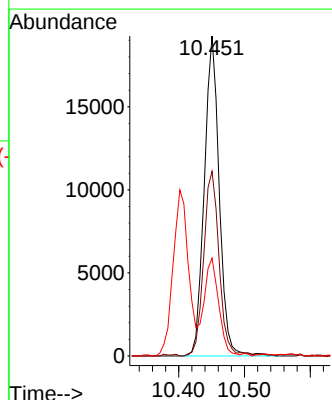
Tgt Ion: 69 Resp: 30369

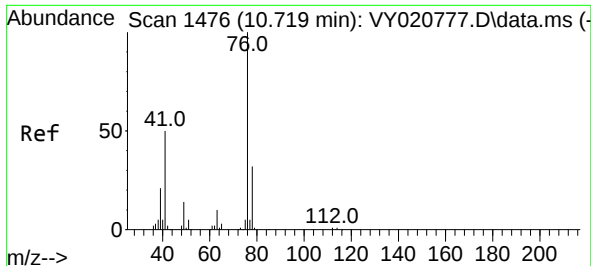
Ion Ratio Lower Upper

69 100

41 59.7 46.6 69.8

39 29.6 25.7 38.5





#57

1,3-Dichloropropane

Concen: 19.075 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

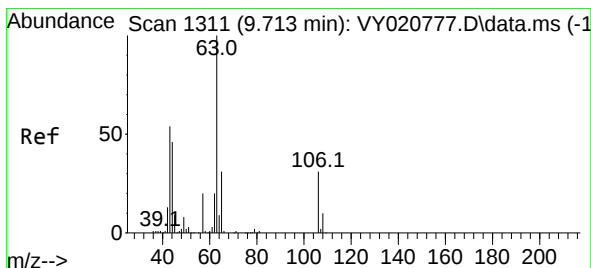
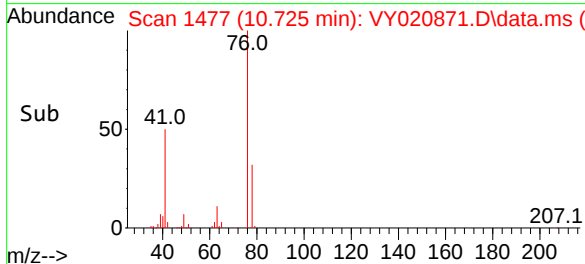
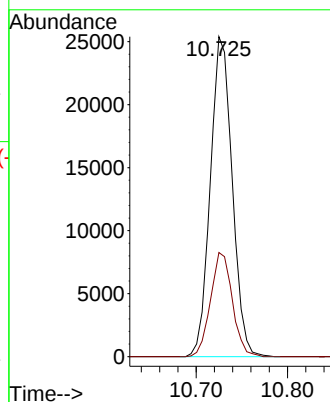
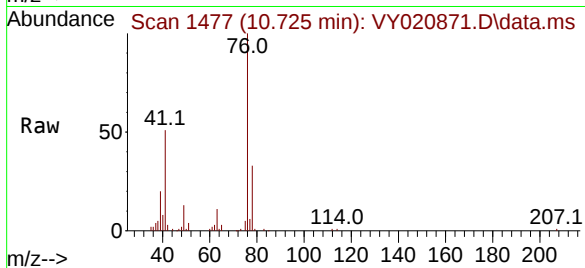
ClientSampleId :

Tgt Ion: 76 Resp: 42137

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 71.695 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.012 min

Lab File: VY020871.D

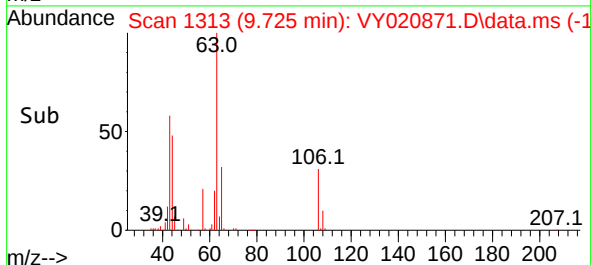
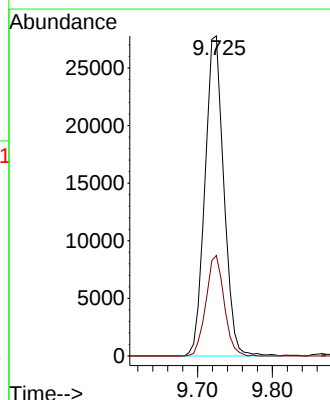
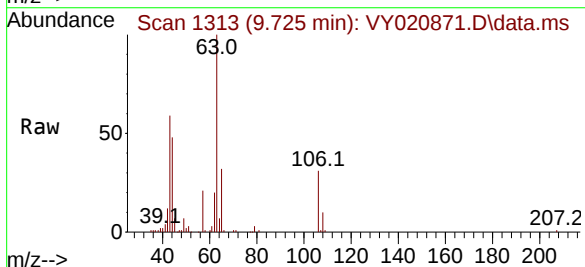
Acq: 20 Jan 2025 10:43

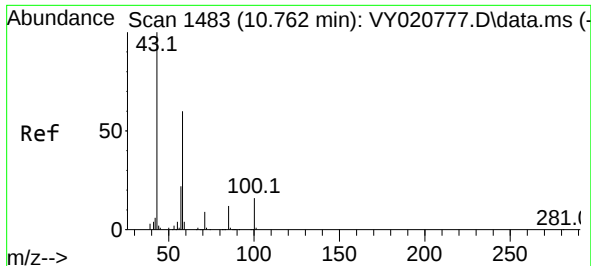
Tgt Ion: 63 Resp: 48678

Ion Ratio Lower Upper

63 100

106 30.3 25.9 38.9

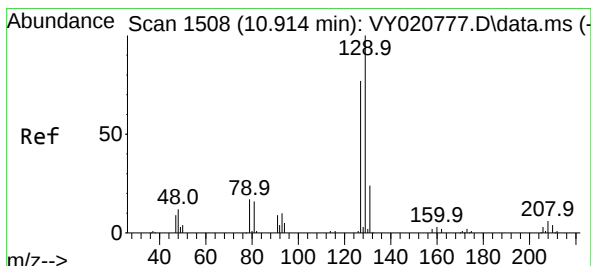
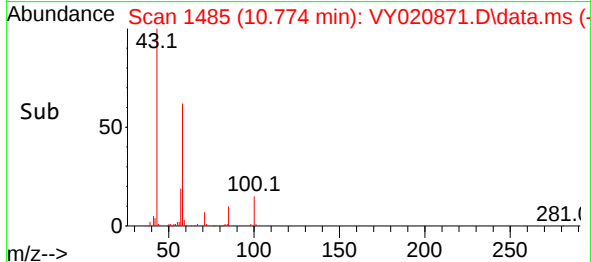
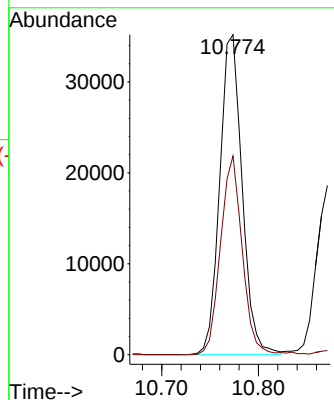
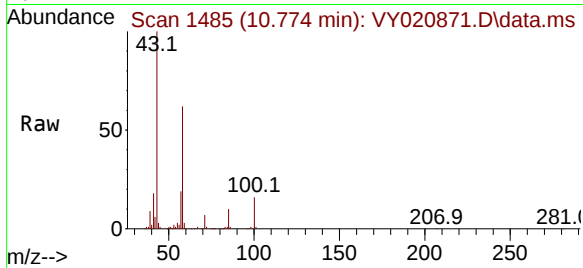




#59
2-Hexanone
Concen: 91.723 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

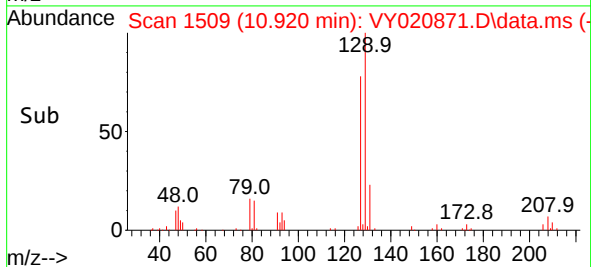
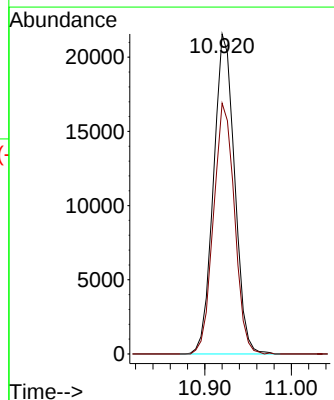
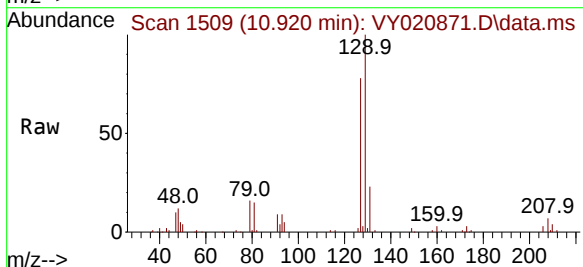
Instrument :
MSVOA_Y
ClientSampleId :

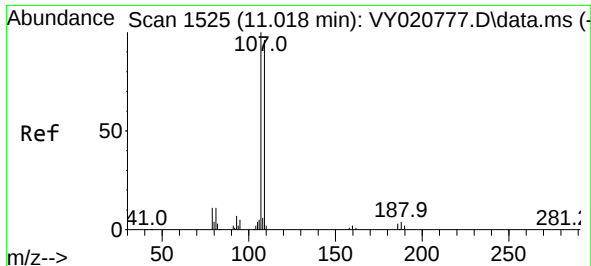
Tgt Ion: 43 Resp: 56494
Ion Ratio Lower Upper
43 100
58 60.6 30.6 92.0



#60
Dibromochloromethane
Concen: 18.571 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion:129 Resp: 36501
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9

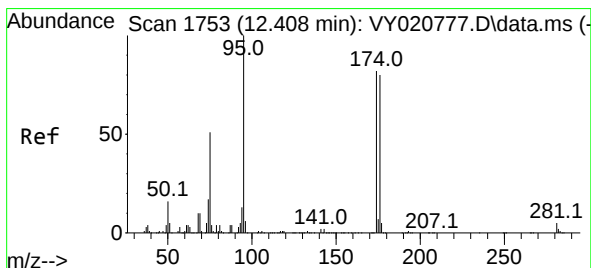
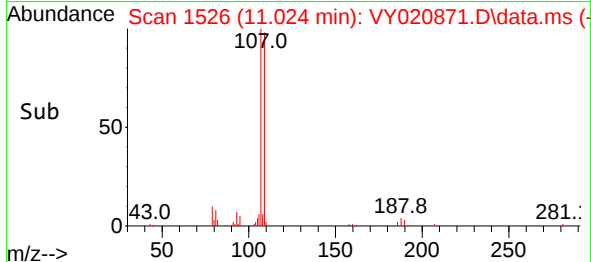
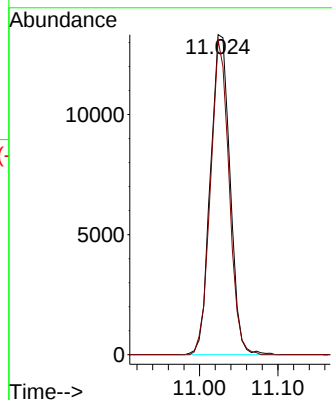
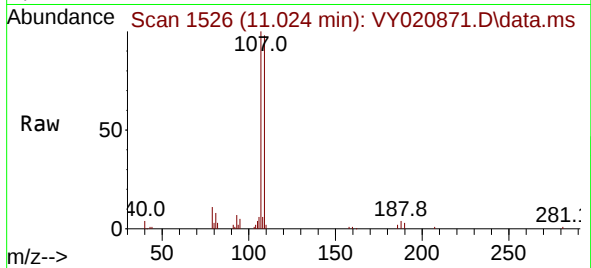




#61
1,2-Dibromoethane
Concen: 19.046 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

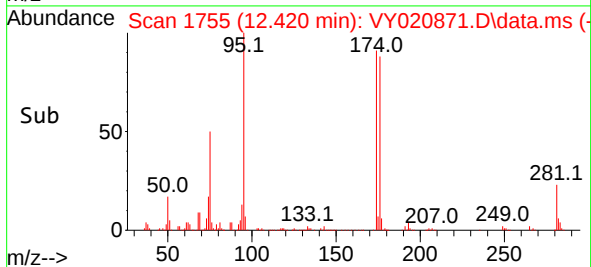
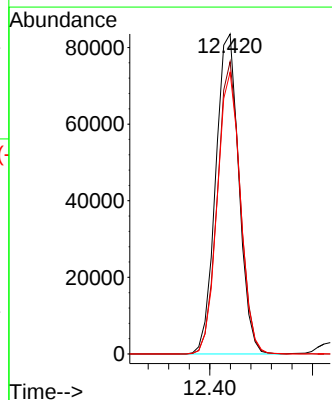
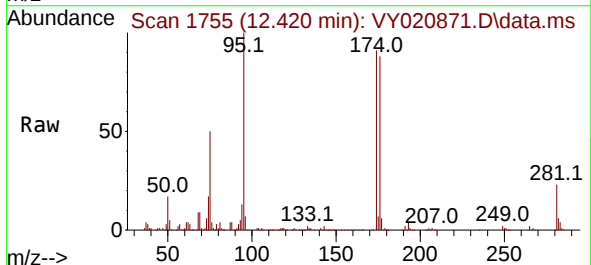
Instrument :
MSVOA_Y
ClientSampleId :

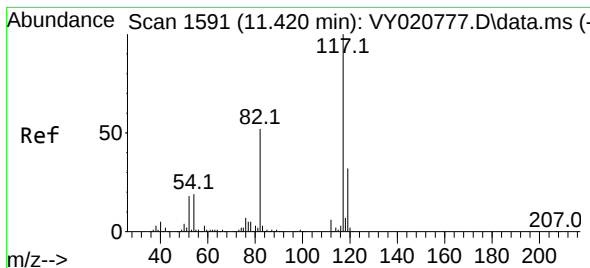
Tgt Ion:107 Resp: 23172
Ion Ratio Lower Upper
107 100
109 92.7 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 54.483 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion: 95 Resp: 130553
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.0
176 87.7 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

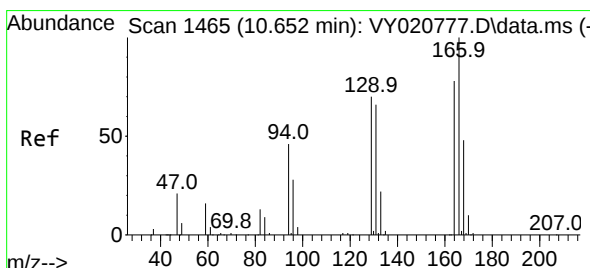
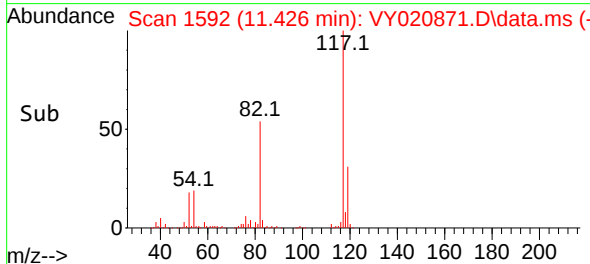
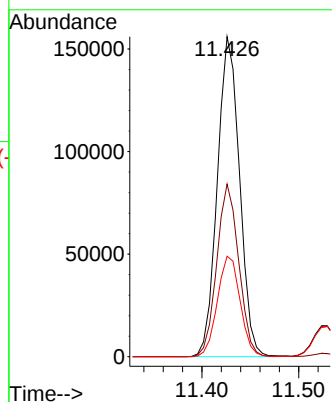
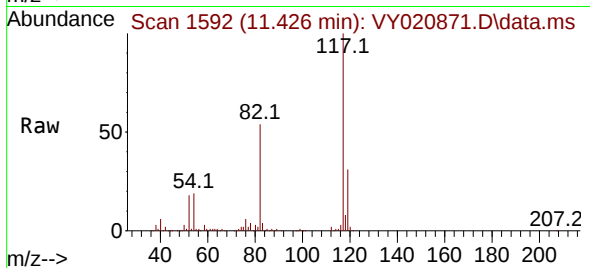
Tgt Ion:117 Resp: 248810

Ion Ratio Lower Upper

117 100

82 54.0 41.8 62.6

119 31.4 25.8 38.8



#64

Tetrachloroethene

Concen: 18.447 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Tgt Ion:164 Resp: 33745

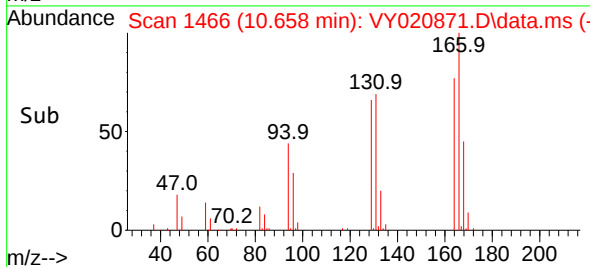
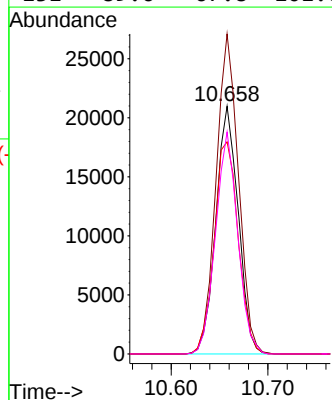
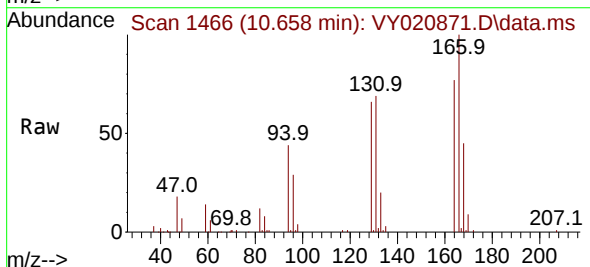
Ion Ratio Lower Upper

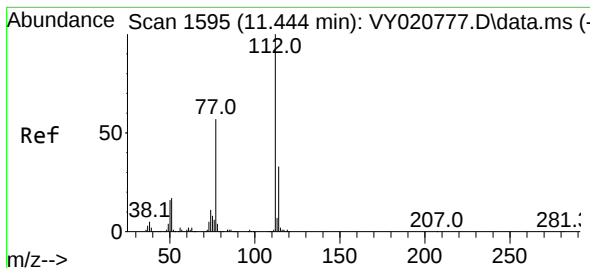
164 100

166 129.2 102.0 153.0

129 85.6 71.4 107.2

131 89.6 67.8 101.6





#65

Chlorobenzene

Concen: 18.647 ug/l

RT: 11.456 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

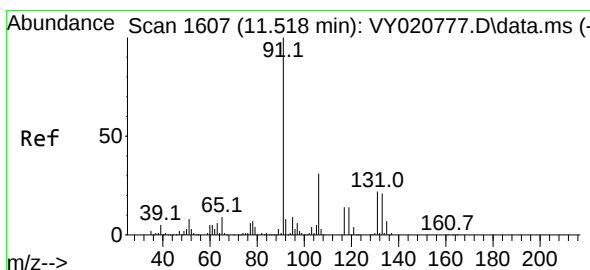
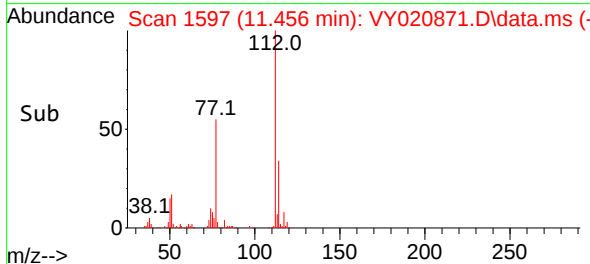
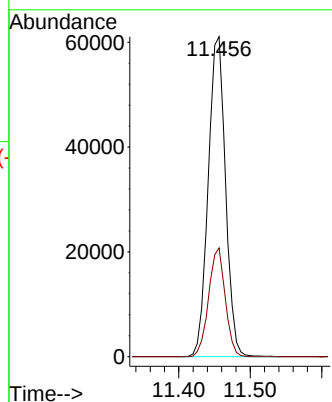
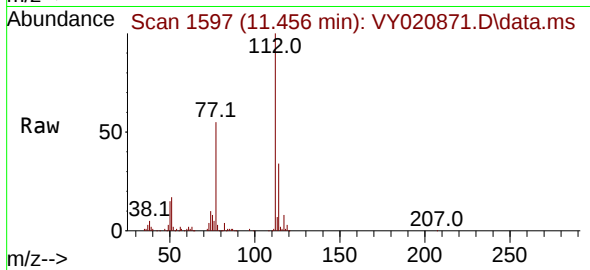
ClientSampleId :

Tgt Ion:112 Resp: 102581

Ion Ratio Lower Upper

112 100

114 34.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 18.504 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

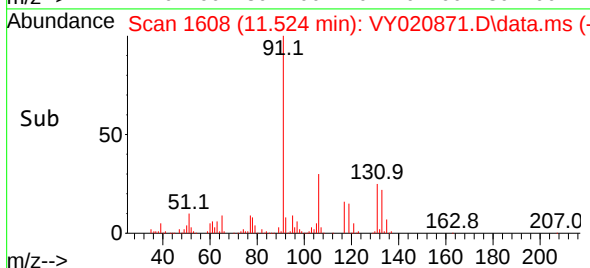
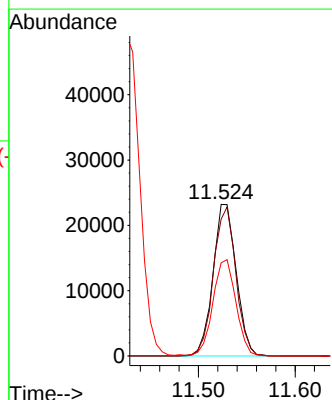
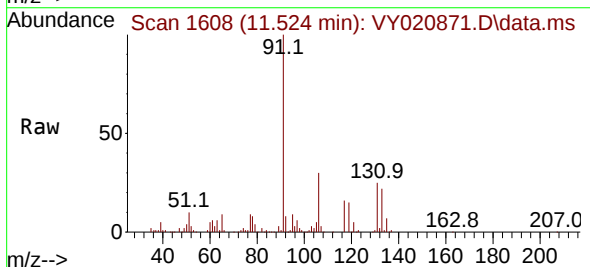
Tgt Ion:131 Resp: 38752

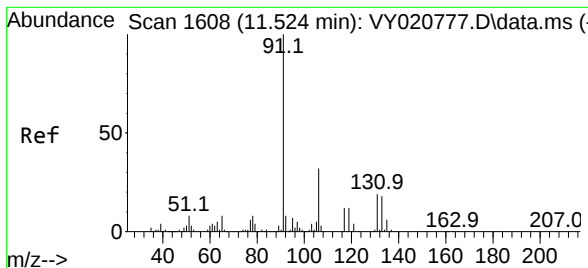
Ion Ratio Lower Upper

131 100

133 95.2 46.9 140.8

119 62.9 30.2 90.6





#67

Ethyl Benzene

Concen: 18.698 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

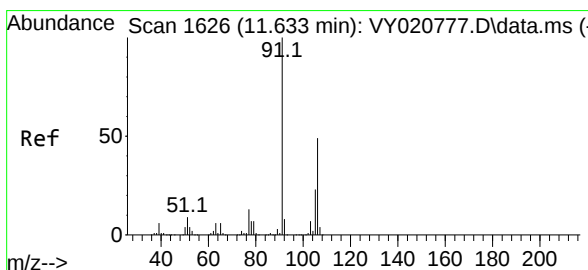
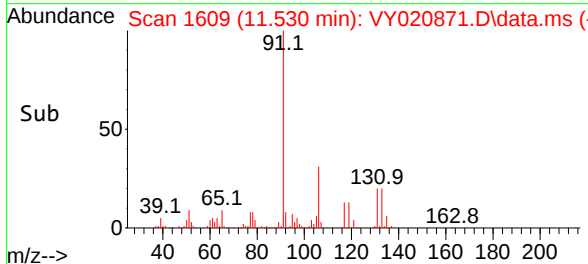
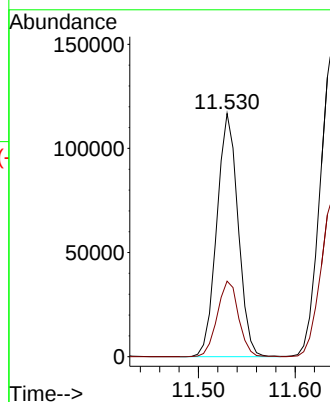
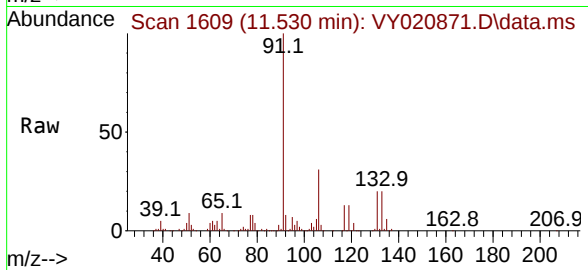
ClientSampleId :

Tgt Ion: 91 Resp: 178081

Ion Ratio Lower Upper

91 100

106 31.1 25.5 38.3



#68

m/p-Xylenes

Concen: 37.402 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020871.D

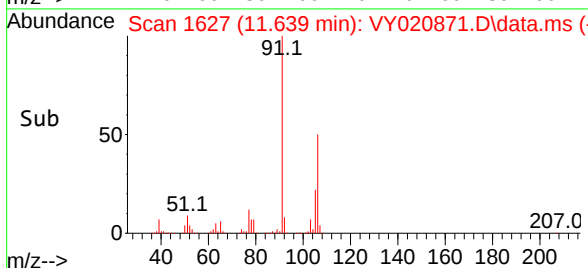
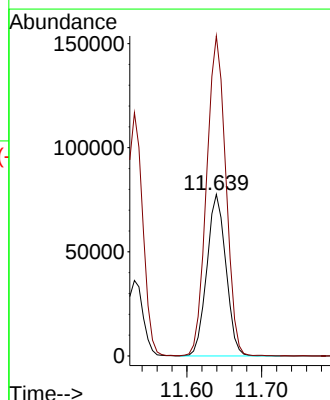
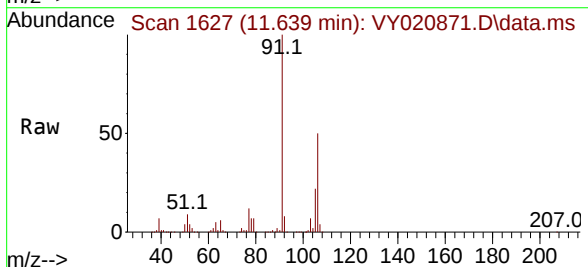
Acq: 20 Jan 2025 10:43

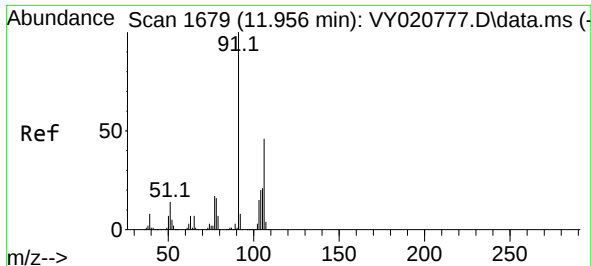
Tgt Ion:106 Resp: 137153

Ion Ratio Lower Upper

106 100

91 199.5 162.6 243.8

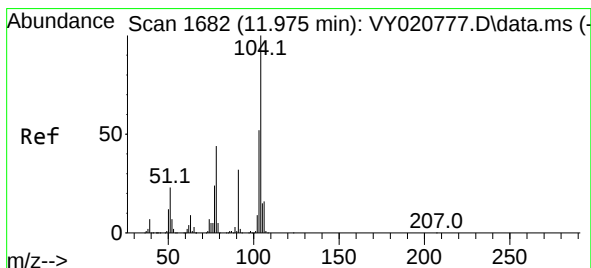
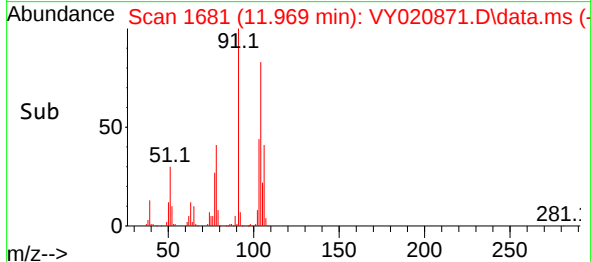
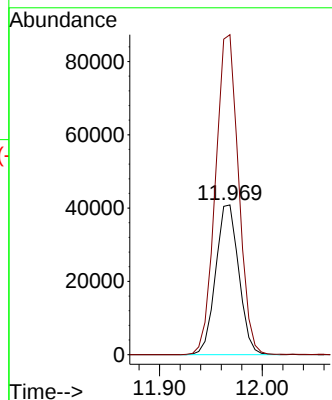
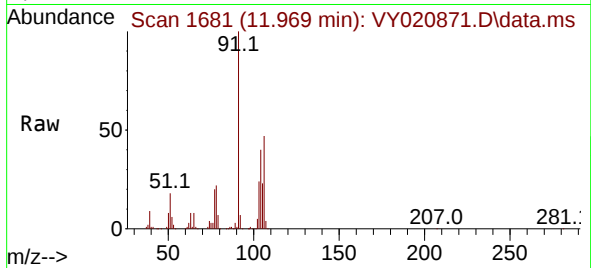




#69
o-Xylene
Concen: 18.401 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

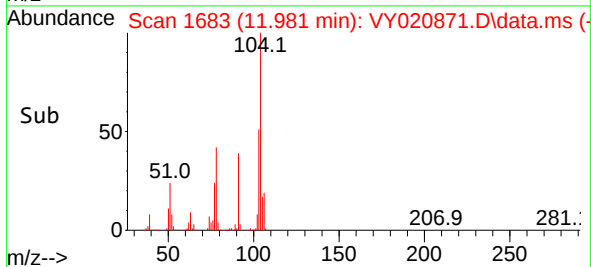
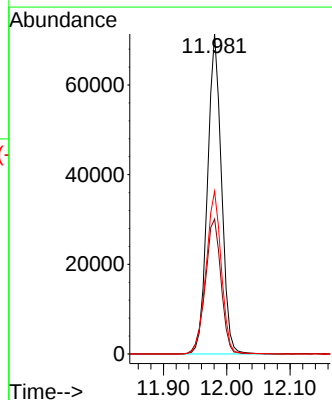
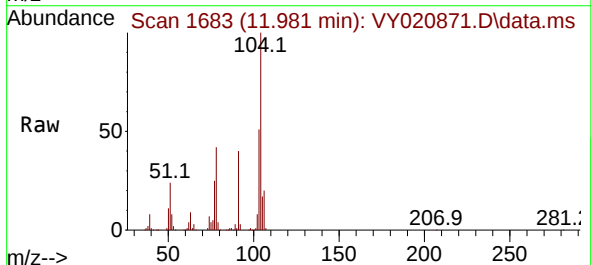
Instrument :
MSVOA_Y
ClientSampleId :

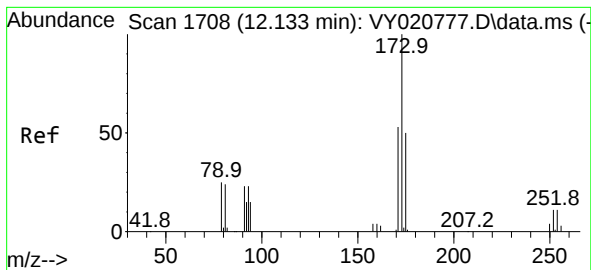
Tgt Ion:106 Resp: 63978
Ion Ratio Lower Upper
106 100
91 213.1 108.2 324.6



#70
Styrene
Concen: 18.753 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion:104 Resp: 109753
Ion Ratio Lower Upper
104 100
78 47.7 39.4 59.2
103 55.4 44.0 66.0





#71

Bromoform

Concen: 18.730 ug/l

RT: 12.145 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

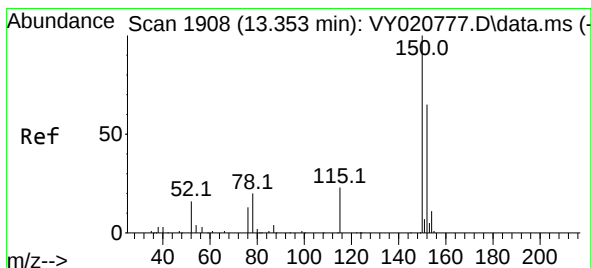
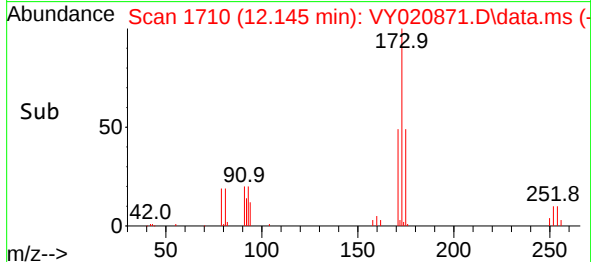
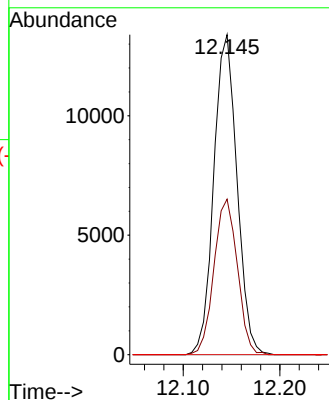
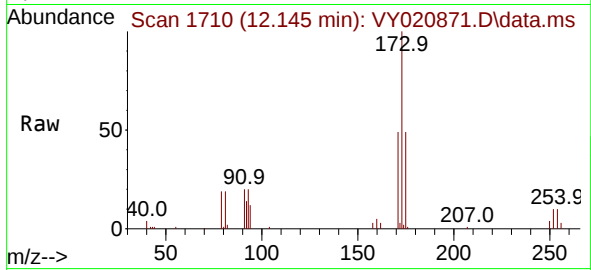
Tgt Ion:173 Resp: 22298

Ion Ratio Lower Upper

173 100

175 49.0 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

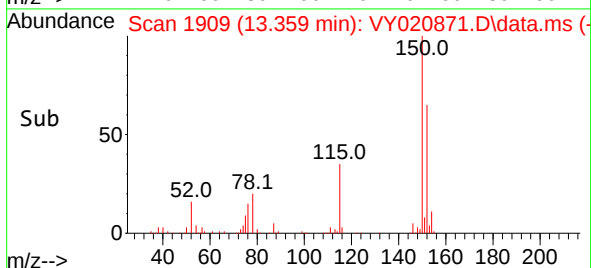
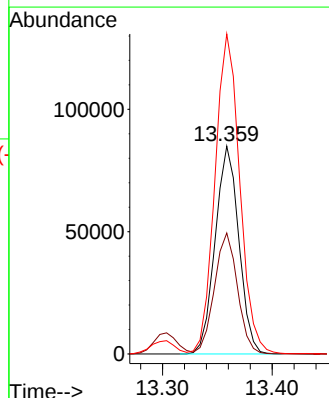
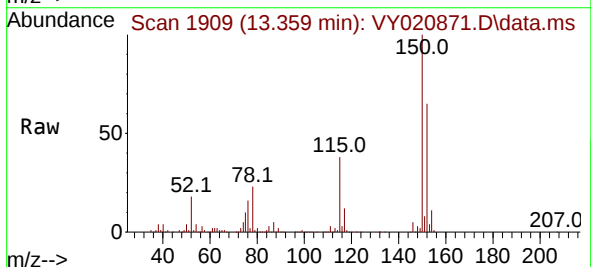
Tgt Ion:152 Resp: 127229

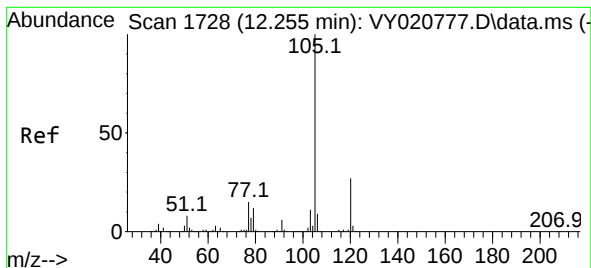
Ion Ratio Lower Upper

152 100

115 56.9 29.0 87.0

150 161.2 0.0 347.4





#73

Isopropylbenzene

Concen: 17.674 ug/l

RT: 12.267 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

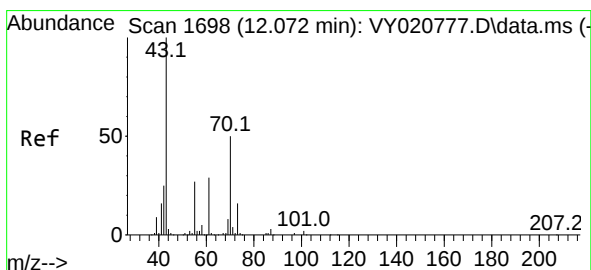
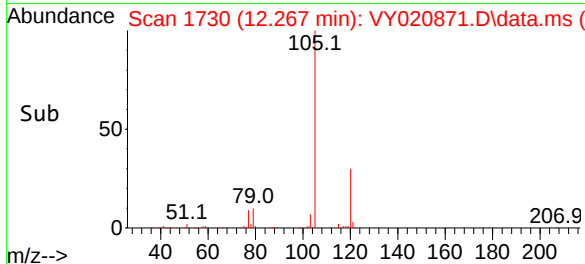
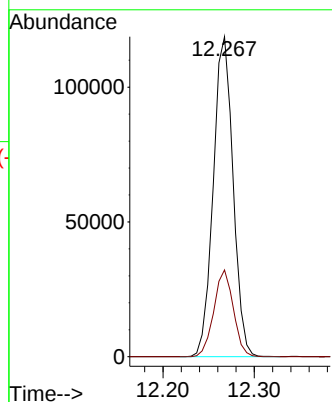
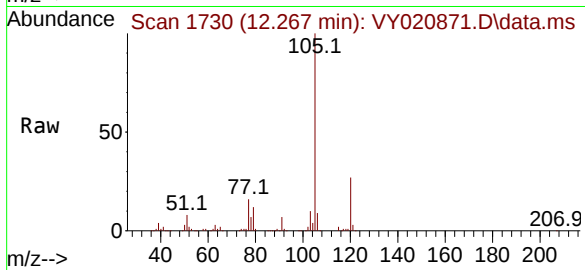
ClientSampleId :

Tgt Ion:105 Resp: 178391

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 17.988 ug/l

RT: 12.084 min Scan# 1700

Delta R.T. 0.012 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Tgt Ion: 43 Resp: 29699

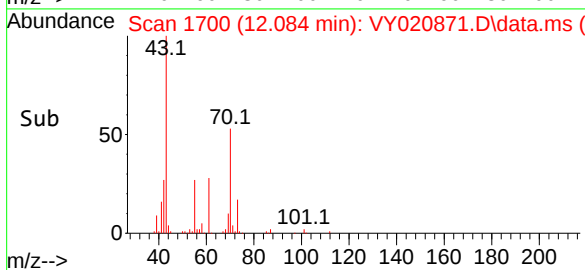
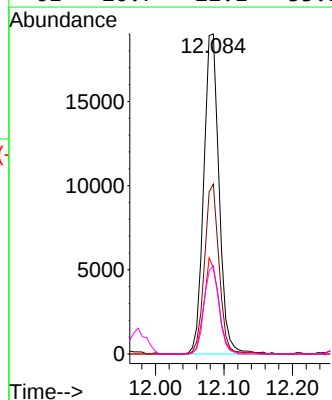
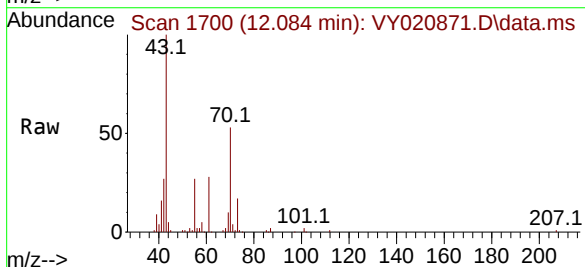
Ion Ratio Lower Upper

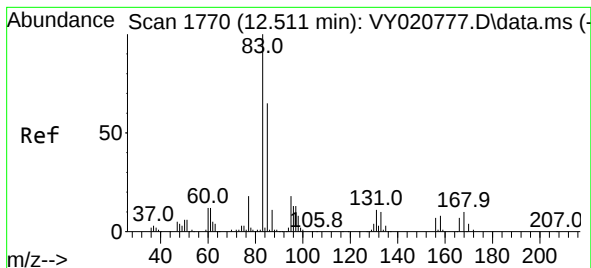
43 100

70 50.4 40.2 60.4

55 28.5 21.2 31.8

61 26.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.621 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

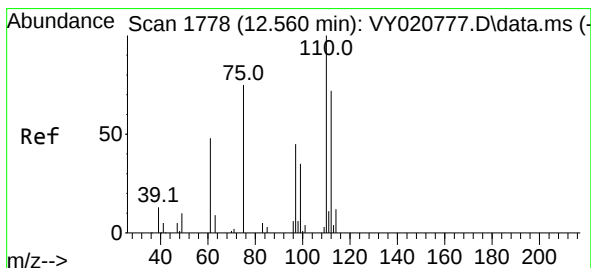
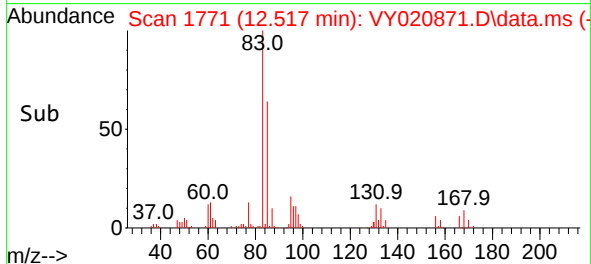
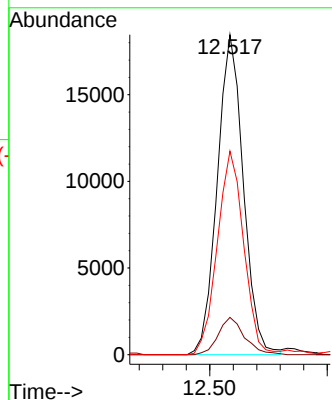
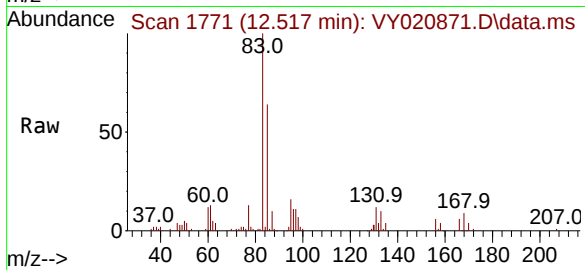
Tgt Ion: 83 Resp: 28487

Ion Ratio Lower Upper

83 100

131 11.7 6.0 18.0

85 64.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 32.591 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020871.D

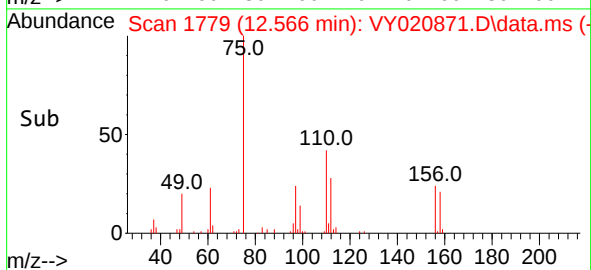
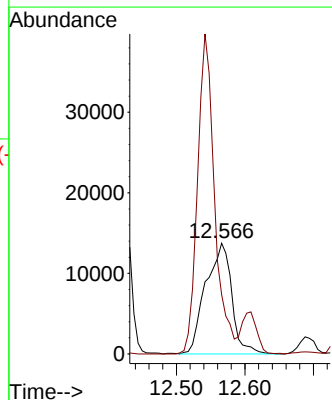
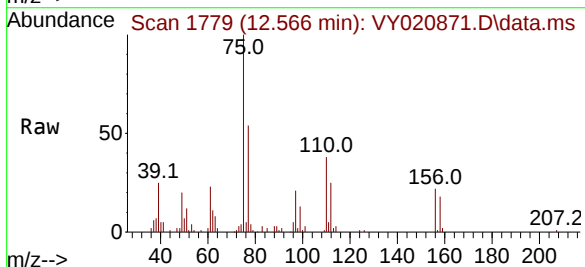
Acq: 20 Jan 2025 10:43

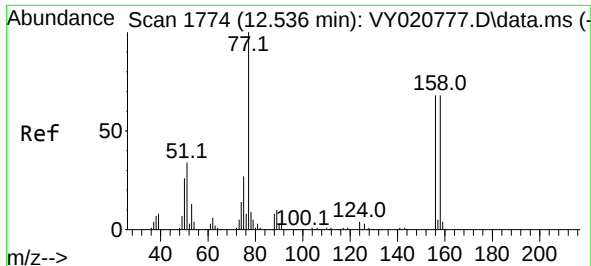
Tgt Ion: 75 Resp: 36281

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

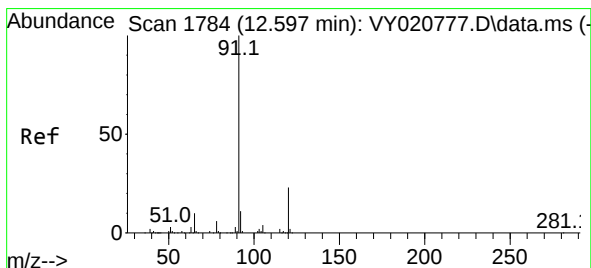
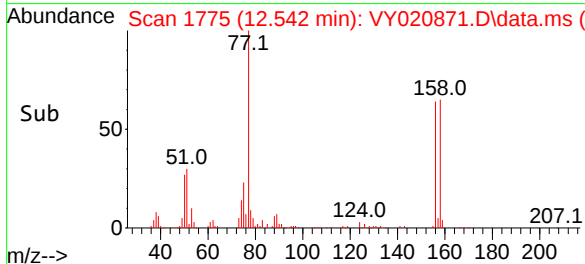
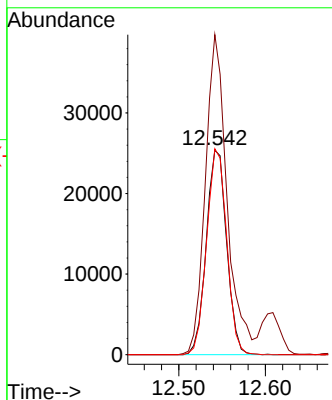
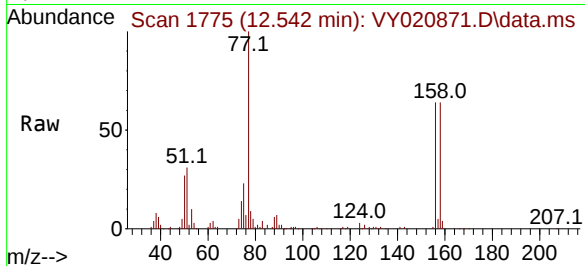




#77
Bromobenzene
Concen: 17.840 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

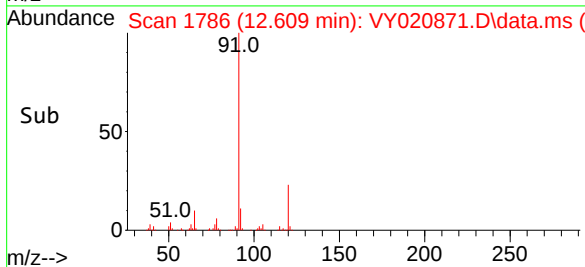
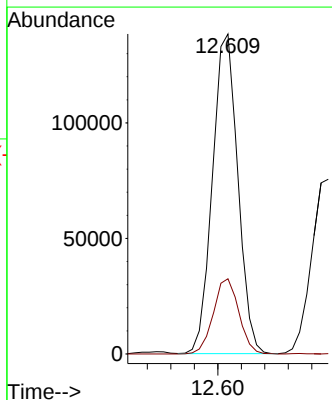
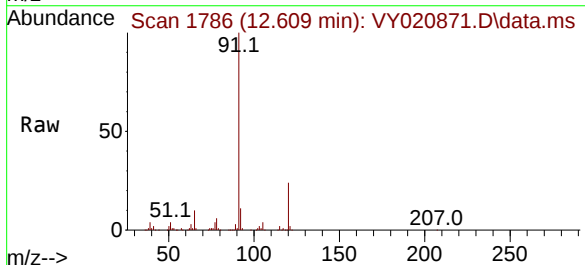
Instrument :
MSVOA_Y
ClientSampleId :

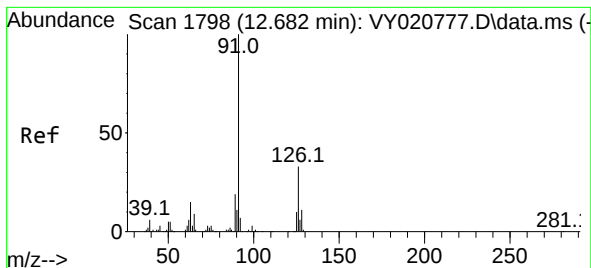
Tgt Ion:156 Resp: 41515
Ion Ratio Lower Upper
156 100
77 166.0 82.3 247.0
158 99.0 48.0 144.0



#78
n-propylbenzene
Concen: 18.133 ug/l
RT: 12.609 min Scan# 1786
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion: 91 Resp: 207737
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.1





#79

2-Chlorotoluene

Concen: 17.983 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

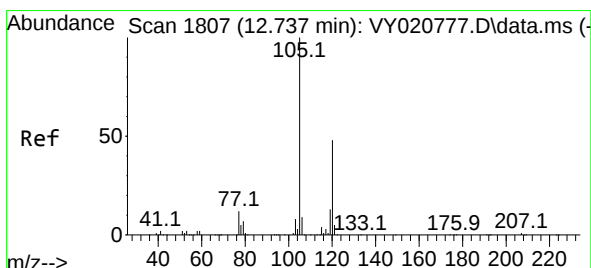
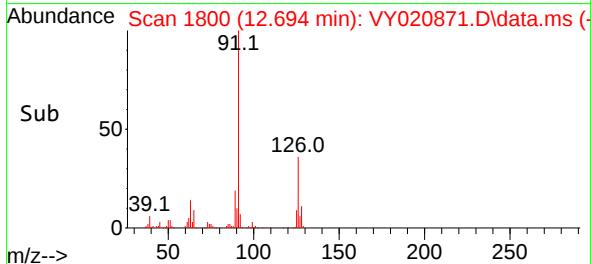
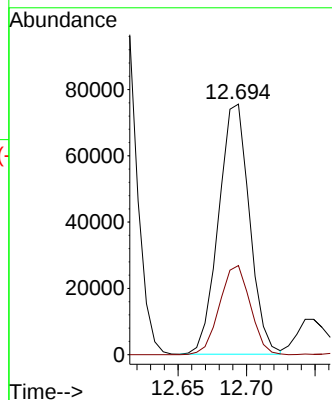
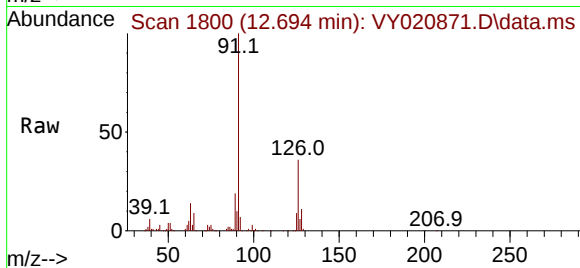
ClientSampleId :

Tgt Ion: 91 Resp: 118642

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 18.005 ug/l

RT: 12.749 min Scan# 1809

Delta R.T. 0.012 min

Lab File: VY020871.D

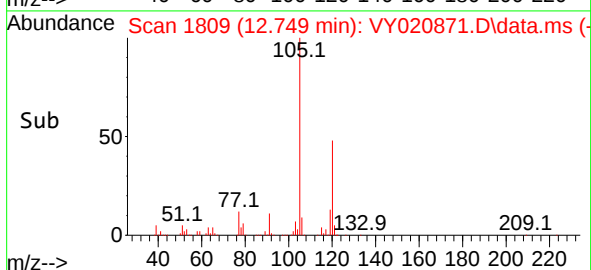
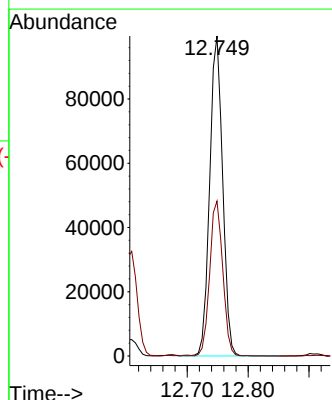
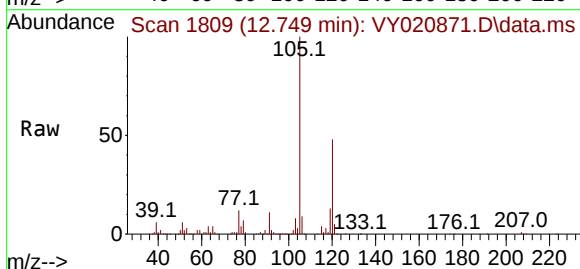
Acq: 20 Jan 2025 10:43

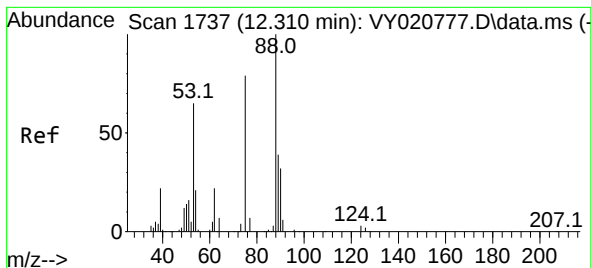
Tgt Ion:105 Resp: 147275

Ion Ratio Lower Upper

105 100

120 48.8 24.5 73.5

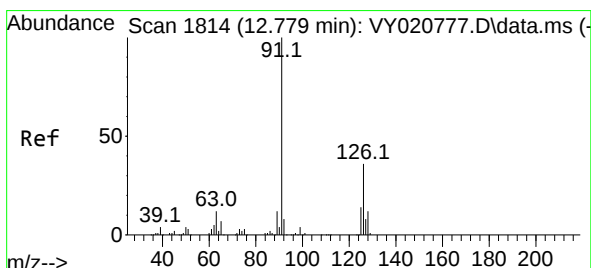
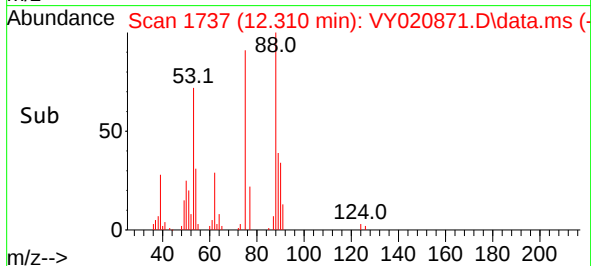
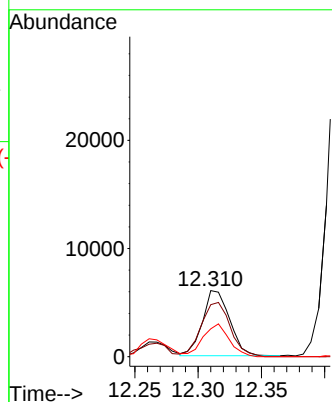
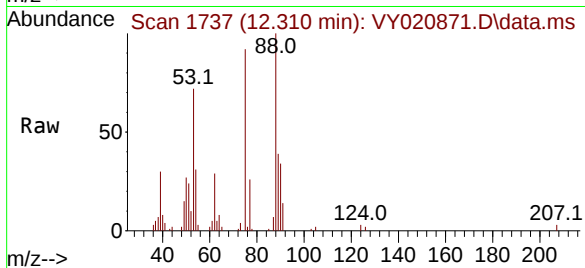




#81
trans-1,4-Dichloro-2-butene
Concen: 16.960 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

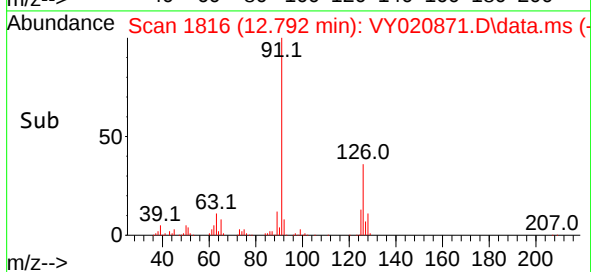
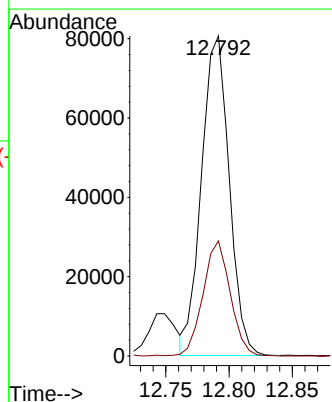
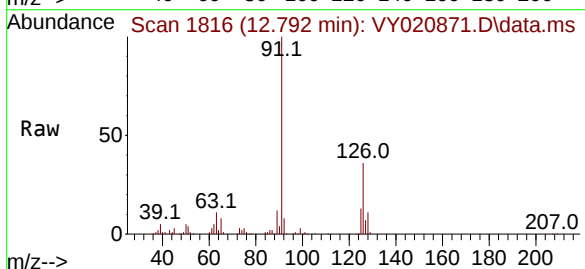
Instrument :
MSVOA_Y
ClientSampleId :

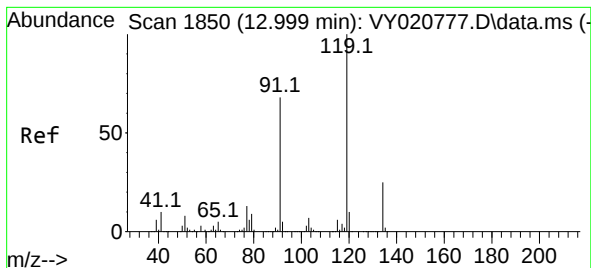
Tgt Ion: 75 Resp: 8954
Ion Ratio Lower Upper
75 100
53 90.1 69.4 104.0
89 48.9 39.6 59.4



#82
4-Chlorotoluene
Concen: 18.052 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.012 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion: 91 Resp: 122905
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7





#83

tert-Butylbenzene

Concen: 17.904 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. 0.012 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

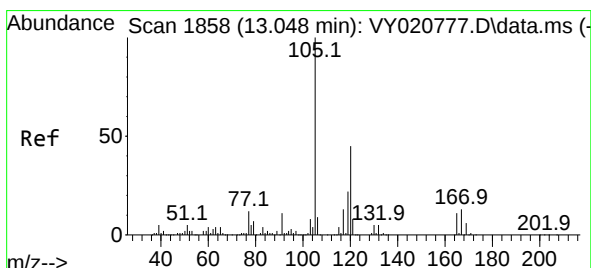
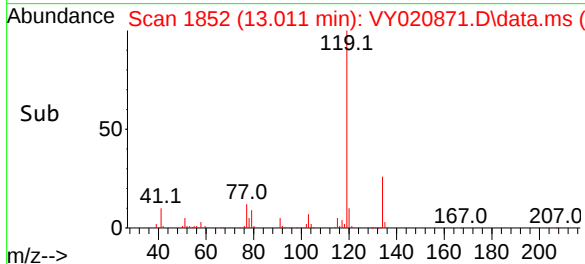
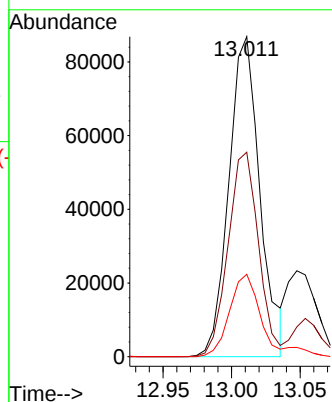
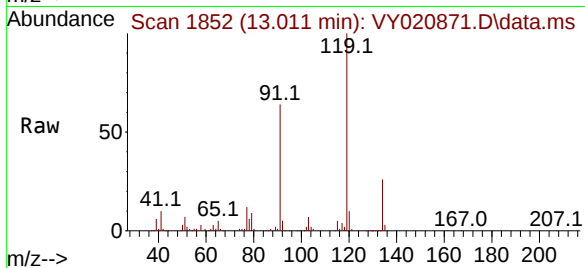
Tgt Ion:119 Resp: 136973

Ion Ratio Lower Upper

119 100

91 62.6 33.0 98.9

134 26.9 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 18.034 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020871.D

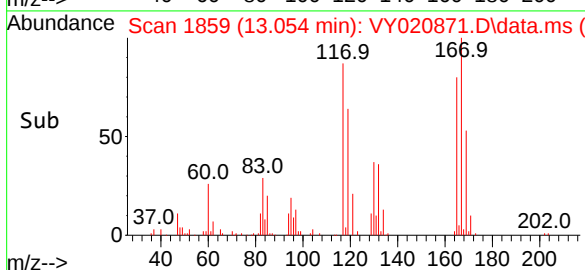
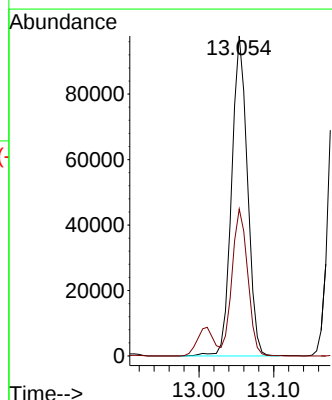
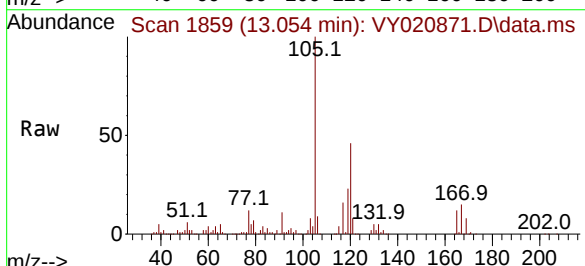
Acq: 20 Jan 2025 10:43

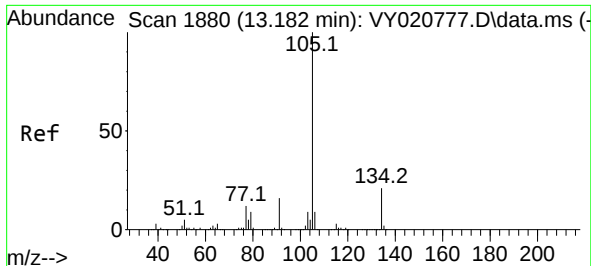
Tgt Ion:105 Resp: 144050

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.2

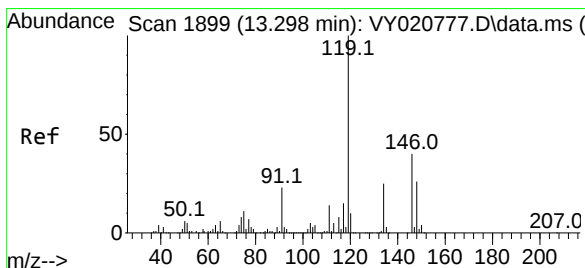
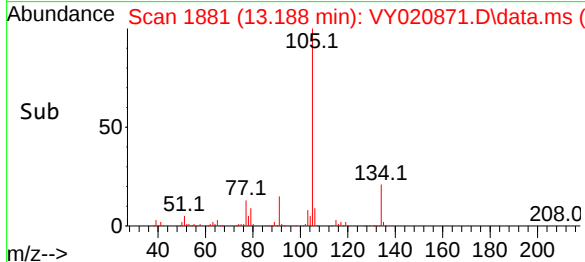
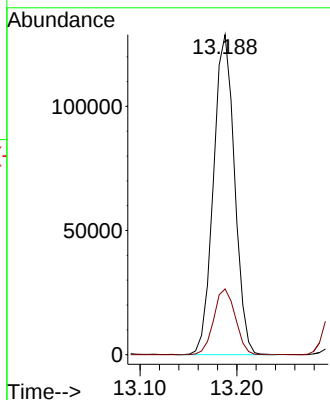
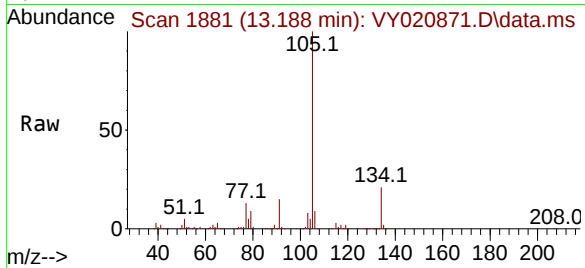




#85
 sec-Butylbenzene
 Concen: 18.294 ug/l
 RT: 13.188 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020871.D
 Acq: 20 Jan 2025 10:43

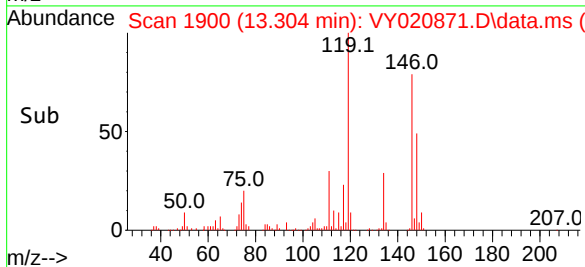
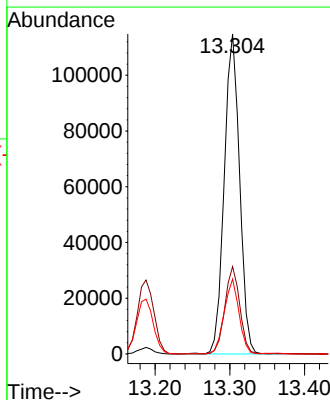
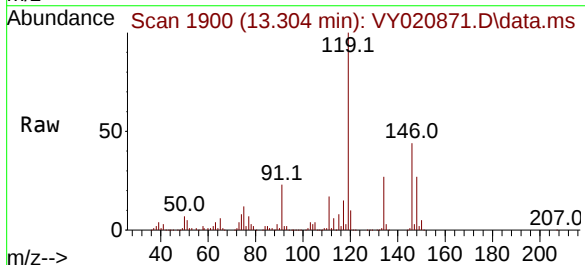
Instrument :
 MSVOA_Y
 ClientSampleId :

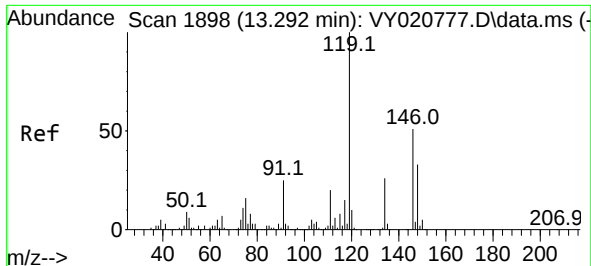
Tgt Ion:105 Resp: 195491
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 17.972 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VY020871.D
 Acq: 20 Jan 2025 10:43

Tgt Ion:119 Resp: 163835
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 22.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 18.265 ug/l

RT: 13.298 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

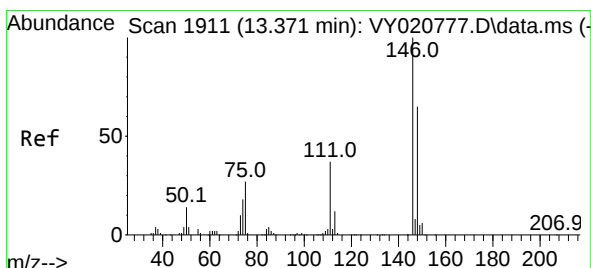
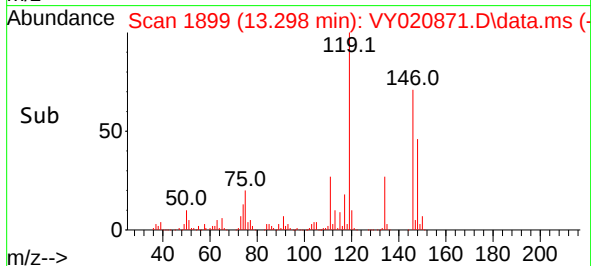
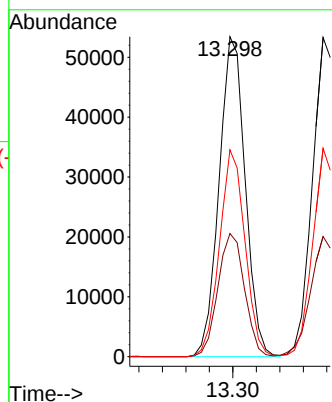
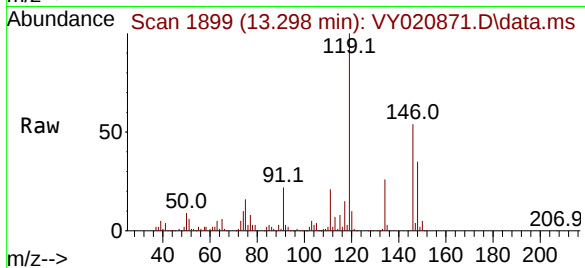
Tgt Ion:146 Resp: 82588

Ion Ratio Lower Upper

146 100

111 39.1 19.5 58.5

148 63.2 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 18.415 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

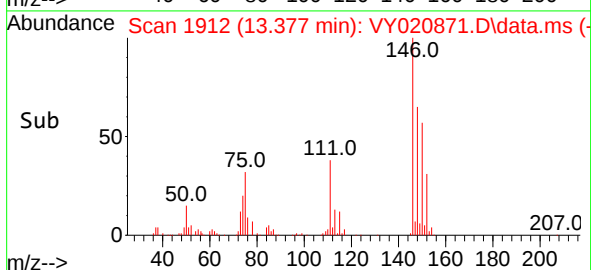
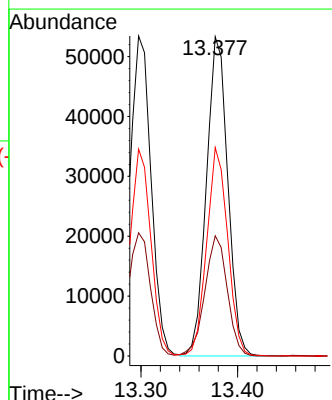
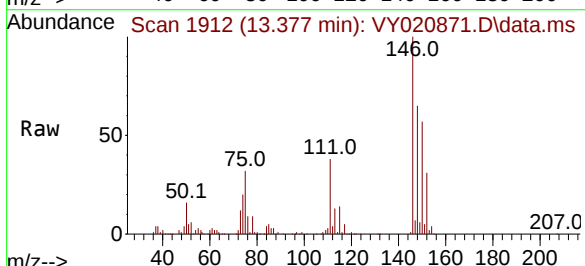
Tgt Ion:146 Resp: 81965

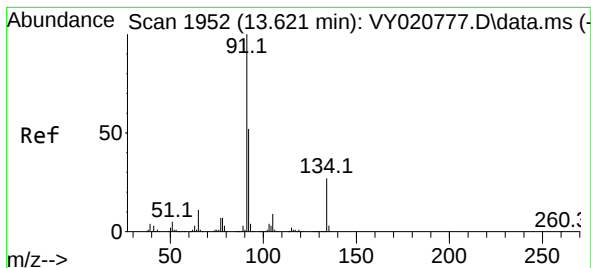
Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.3

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 18.100 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

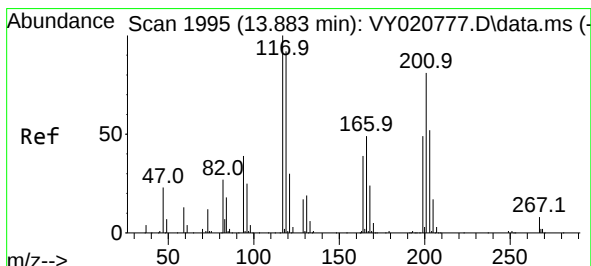
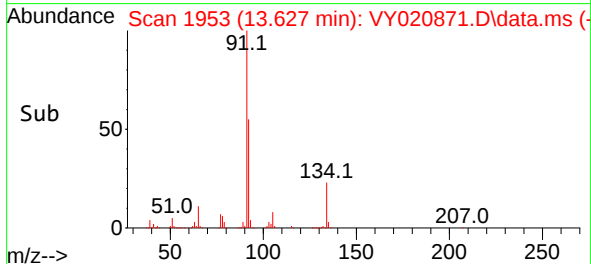
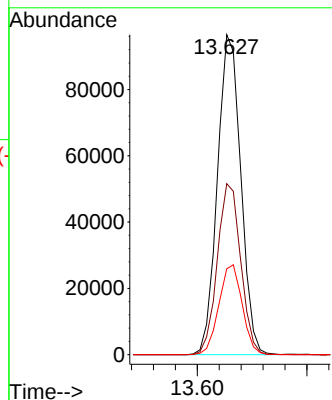
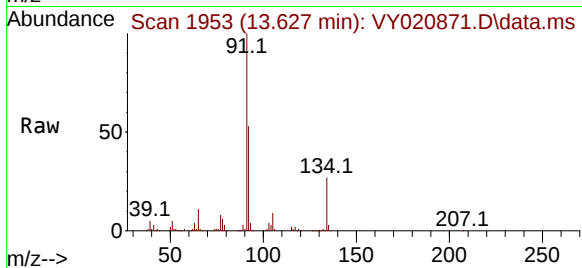
Tgt Ion: 91 Resp: 143142

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.4

134 28.0 13.8 41.4



#90

Hexachloroethane

Concen: 18.255 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.012 min

Lab File: VY020871.D

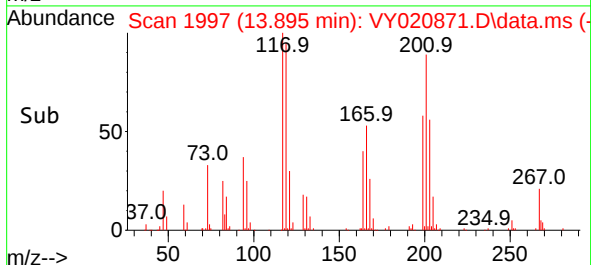
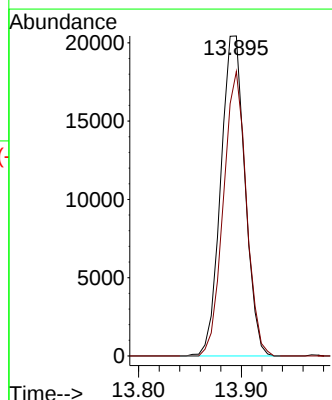
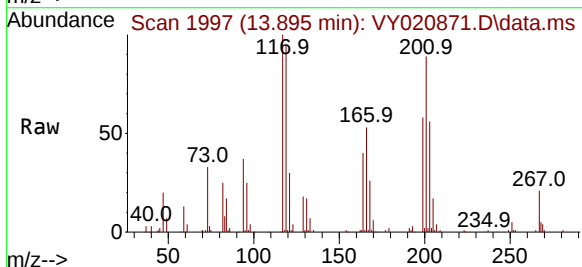
Acq: 20 Jan 2025 10:43

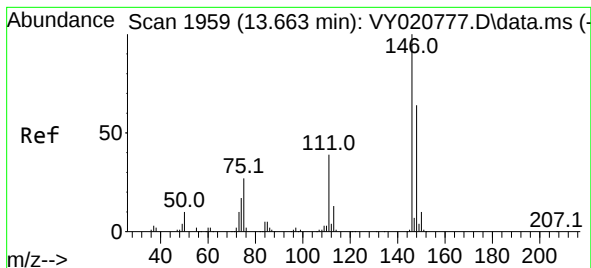
Tgt Ion: 117 Resp: 33415

Ion Ratio Lower Upper

117 100

201 84.3 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 18.048 ug/l

RT: 13.669 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

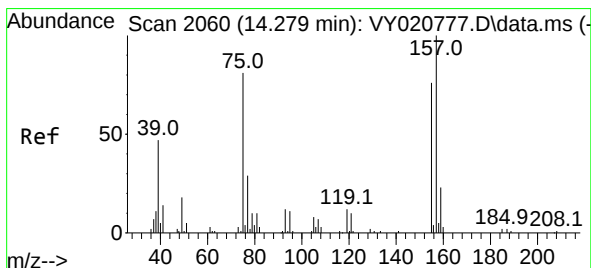
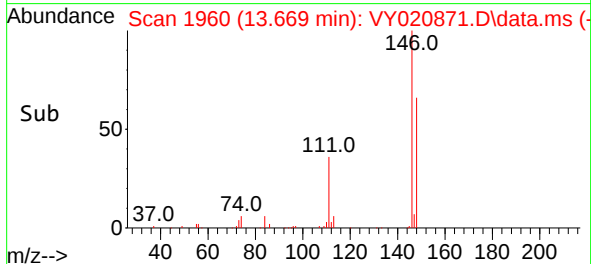
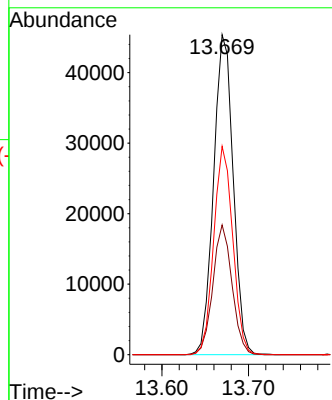
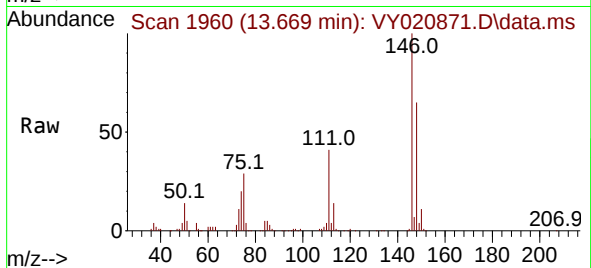
Tgt Ion:146 Resp: 71353

Ion Ratio Lower Upper

146 100

111 39.7 20.0 60.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.567 ug/l

RT: 14.291 min Scan# 2062

Delta R.T. 0.012 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

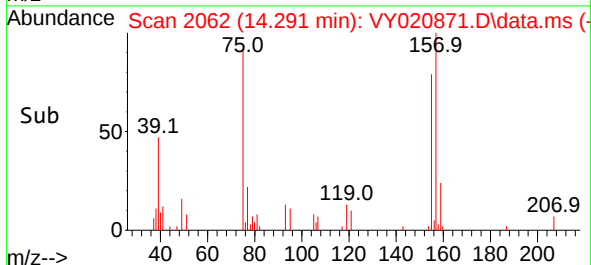
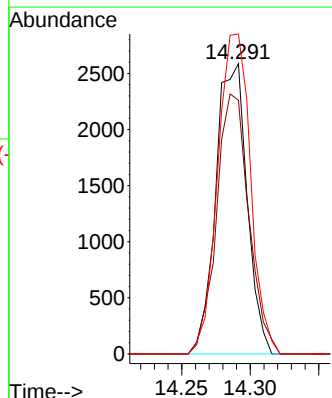
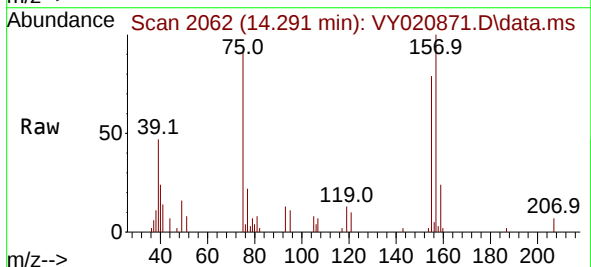
Tgt Ion: 75 Resp: 4098

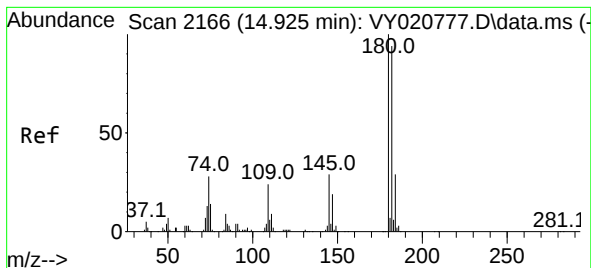
Ion Ratio Lower Upper

75 100

155 92.4 45.5 136.5

157 115.8 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 17.692 ug/l

RT: 14.931 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

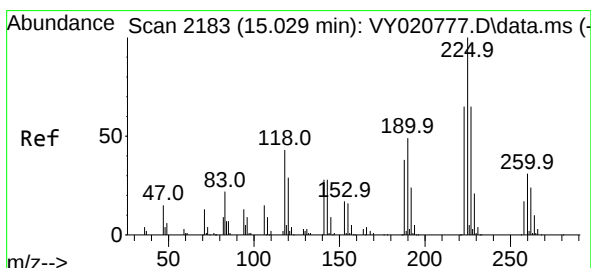
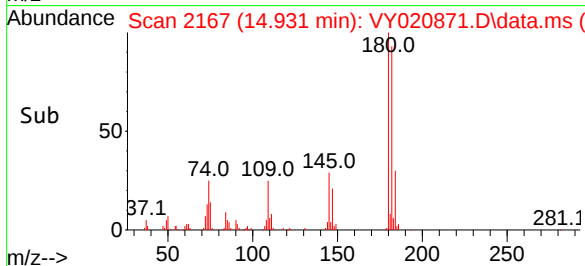
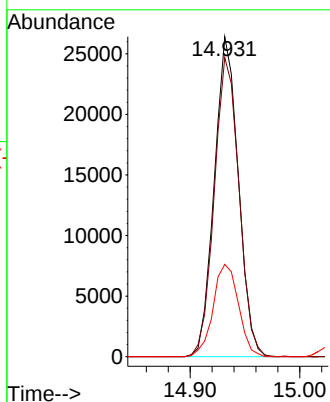
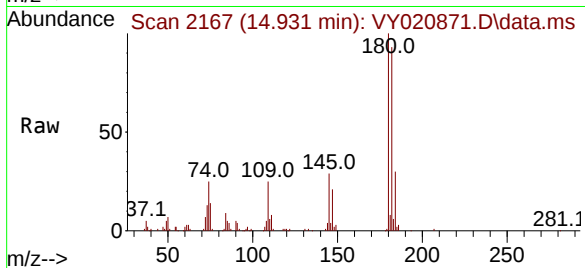
Tgt Ion:180 Resp: 40254

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.9

145 30.5 15.0 45.1



#94

Hexachlorobutadiene

Concen: 17.730 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020871.D

Acq: 20 Jan 2025 10:43

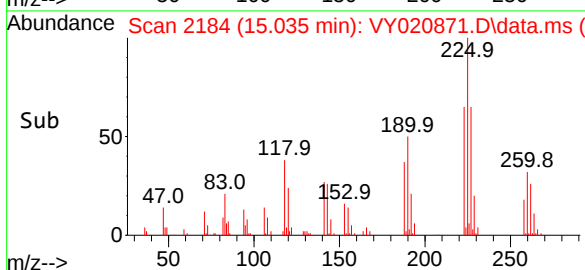
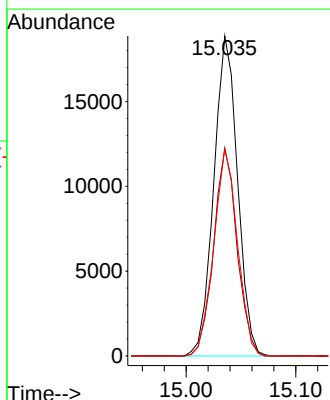
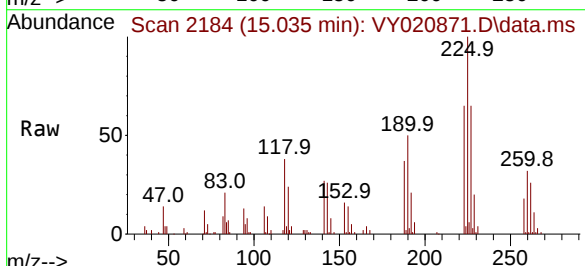
Tgt Ion:225 Resp: 28438

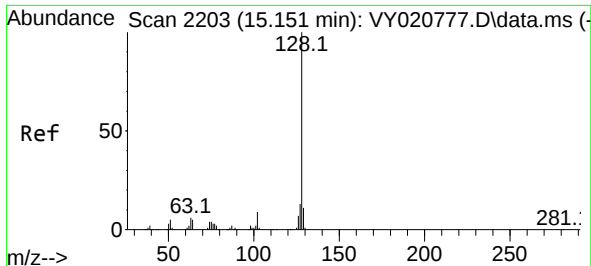
Ion Ratio Lower Upper

225 100

223 63.6 31.6 94.8

227 64.5 32.2 96.6

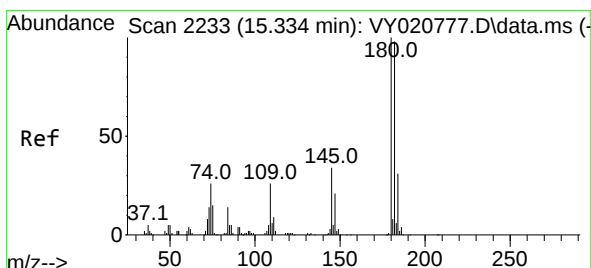
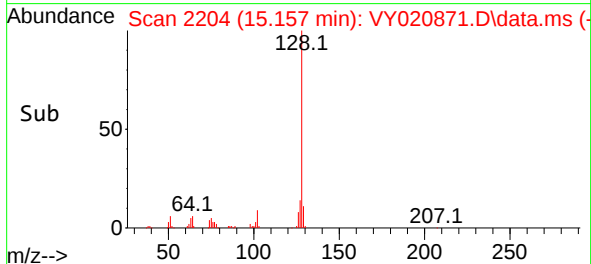
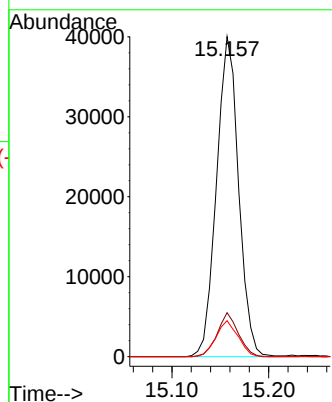
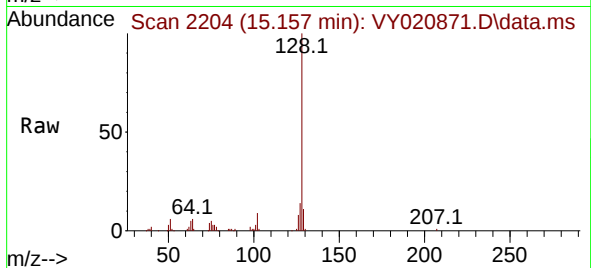




#95
Naphthalene
Concen: 16.929 ug/l
RT: 15.157 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 63393
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 17.963 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY020871.D
Acq: 20 Jan 2025 10:43

Tgt Ion:180 Resp: 34240
Ion Ratio Lower Upper
180 100
182 96.2 48.1 144.3
145 31.2 16.1 48.2

