

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020829.D
 Acq On : 15 Jan 2025 11:04
 Operator : SY/MD
 Sample : VY0115SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 16 00:56:08 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	7.720	168	217522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	319875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	266684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	133438	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	92554	50.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.120%	
35) Dibromofluoromethane	7.646	113	99701	49.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.500%	
50) Toluene-d8	10.115	98	375844	53.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.600%	
62) 4-Bromofluorobenzene	12.414	95	126095	48.878	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.760%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	27944	17.505	ug/l	100
3) Chloromethane	2.080	50	16033	19.075	ug/l	99
4) Vinyl Chloride	2.214	62	18736	20.051	ug/l	97
5) Bromomethane	2.611	94	12505	18.790	ug/l	100
6) Chloroethane	2.751	64	11886	20.626	ug/l	94
7) Trichlorofluoromethane	3.074	101	51734	18.039	ug/l	95
8) Diethyl Ether	3.464	74	16651	18.567	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.830	101	37024	19.117	ug/l	99
10) Methyl Iodide	4.019	142	36841	17.751	ug/l	97
11) Tert butyl alcohol	4.891	59	12411	88.837	ug/l	98
12) 1,1-Dichloroethene	3.806	96	31189	18.387	ug/l	98
13) Acrolein	3.671	56	4858	123.823	ug/l	97
14) Allyl chloride	4.397	41	46900	19.164	ug/l	95
15) Acrylonitrile	5.080	53	36685	96.248	ug/l	99
16) Acetone	3.885	43	25026	95.188	ug/l	94
17) Carbon Disulfide	4.123	76	62498	16.984	ug/l	99
18) Methyl Acetate	4.403	43	17402	19.603	ug/l	98
19) Methyl tert-butyl Ether	5.135	73	84863	17.727	ug/l	99
20) Methylene Chloride	4.635	84	33823	18.628	ug/l	97
21) trans-1,2-Dichloroethene	5.141	96	33880	18.137	ug/l	98
22) Diisopropyl ether	6.031	45	106228	20.377	ug/l	94
23) Vinyl Acetate	5.976	43	280320	97.523	ug/l	100
24) 1,1-Dichloroethane	5.933	63	65634	19.083	ug/l	99
25) 2-Butanone	6.909	43	40887	94.673	ug/l	99
26) 2,2-Dichloropropane	6.896	77	64574	18.082	ug/l	100
27) cis-1,2-Dichloroethene	6.903	96	43001	18.245	ug/l	99
28) Bromochloromethane	7.268	49	16663	17.954	ug/l	91
29) Tetrahydrofuran	7.274	42	26784	97.084	ug/l	95
30) Chloroform	7.433	83	70728	18.032	ug/l	96
31) Cyclohexane	7.713	56	50949	18.938	ug/l #	91
32) 1,1,1-Trichloroethane	7.628	97	67584	17.665	ug/l	99
36) 1,1-Dichloropropene	7.848	75	47531	18.595	ug/l	99
37) Ethyl Acetate	6.994	43	20964	20.610	ug/l	99
38) Carbon Tetrachloride	7.829	117	63131	17.743	ug/l	96
39) Methylcyclohexane	9.122	83	57162	18.224	ug/l	98
40) Benzene	8.091	78	146700	18.700	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	11101	19.056	ug/l	97
42) 1,2-Dichloroethane	8.165	62	38224	17.842	ug/l	98
43) Isopropyl Acetate	8.207	43	39334	19.012	ug/l	99
44) Trichloroethene	8.872	130	40167	18.367	ug/l	99
45) 1,2-Dichloropropane	9.152	63	34629	19.471	ug/l	96
46) Dibromomethane	9.244	93	19055	18.658	ug/l	99
47) Bromodichloromethane	9.433	83	53798	18.394	ug/l	100
48) Methyl methacrylate	9.231	41	17375	18.732	ug/l	98
49) 1,4-Dioxane	9.244	88	3925	361.982	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	100089	96.834	ug/l	98
52) Toluene	10.176	92	97657	18.799	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	48061	18.475	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	55687	18.432	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	28666	19.648	ug/l	99
56) Ethyl methacrylate	10.451	69	33904	18.400	ug/l	98
57) 1,3-Dichloropropane	10.725	76	45423	19.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	66974	91.623	ug/l	97
59) 2-Hexanone	10.768	43	65547	98.848	ug/l	95
60) Dibromochloromethane	10.920	129	39637	18.732	ug/l	100
61) 1,2-Dibromoethane	11.024	107	24566	18.755	ug/l	98
64) Tetrachloroethene	10.658	164	36043	18.383	ug/l	98
65) Chlorobenzene	11.451	112	109486	18.568	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	40736	18.148	ug/l	97
67) Ethyl Benzene	11.530	91	190011	18.613	ug/l	100
68) m/p-Xylenes	11.640	106	145399	36.993	ug/l	98
69) o-Xylene	11.963	106	68147	18.286	ug/l	100
70) Styrene	11.975	104	116182	18.520	ug/l	98
71) Bromoform	12.139	173	23259	18.227	ug/l #	99
73) Isopropylbenzene	12.261	105	190391	17.985	ug/l	100
74) N-amyl acetate	12.078	43	32627	18.842	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	29950	18.667	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	38591	33.053	ug/l #	100
77) Bromobenzene	12.542	156	43830	17.958	ug/l	97
78) n-propylbenzene	12.603	91	224402	18.676	ug/l	98
79) 2-Chlorotoluene	12.688	91	127568	18.437	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	155273	18.099	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	10177	18.379	ug/l	97
82) 4-Chlorotoluene	12.786	91	129142	18.085	ug/l	98
83) tert-Butylbenzene	13.005	119	145253	18.103	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	152998	18.263	ug/l	98
85) sec-Butylbenzene	13.182	105	207886	18.549	ug/l	100
86) p-Isopropyltoluene	13.298	119	174252	18.225	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	86405	18.220	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	84697	18.144	ug/l	98
89) n-Butylbenzene	13.627	91	154067	18.575	ug/l	100
90) Hexachloroethane	13.889	117	34211	17.820	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	74784	18.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4280	16.498	ug/l	94
93) 1,2,4-Trichlorobenzene	14.932	180	42349	17.747	ug/l	100
94) Hexachlorobutadiene	15.035	225	29790	17.709	ug/l	99
95) Naphthalene	15.157	128	66468	16.924	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	34960	17.487	ug/l	100

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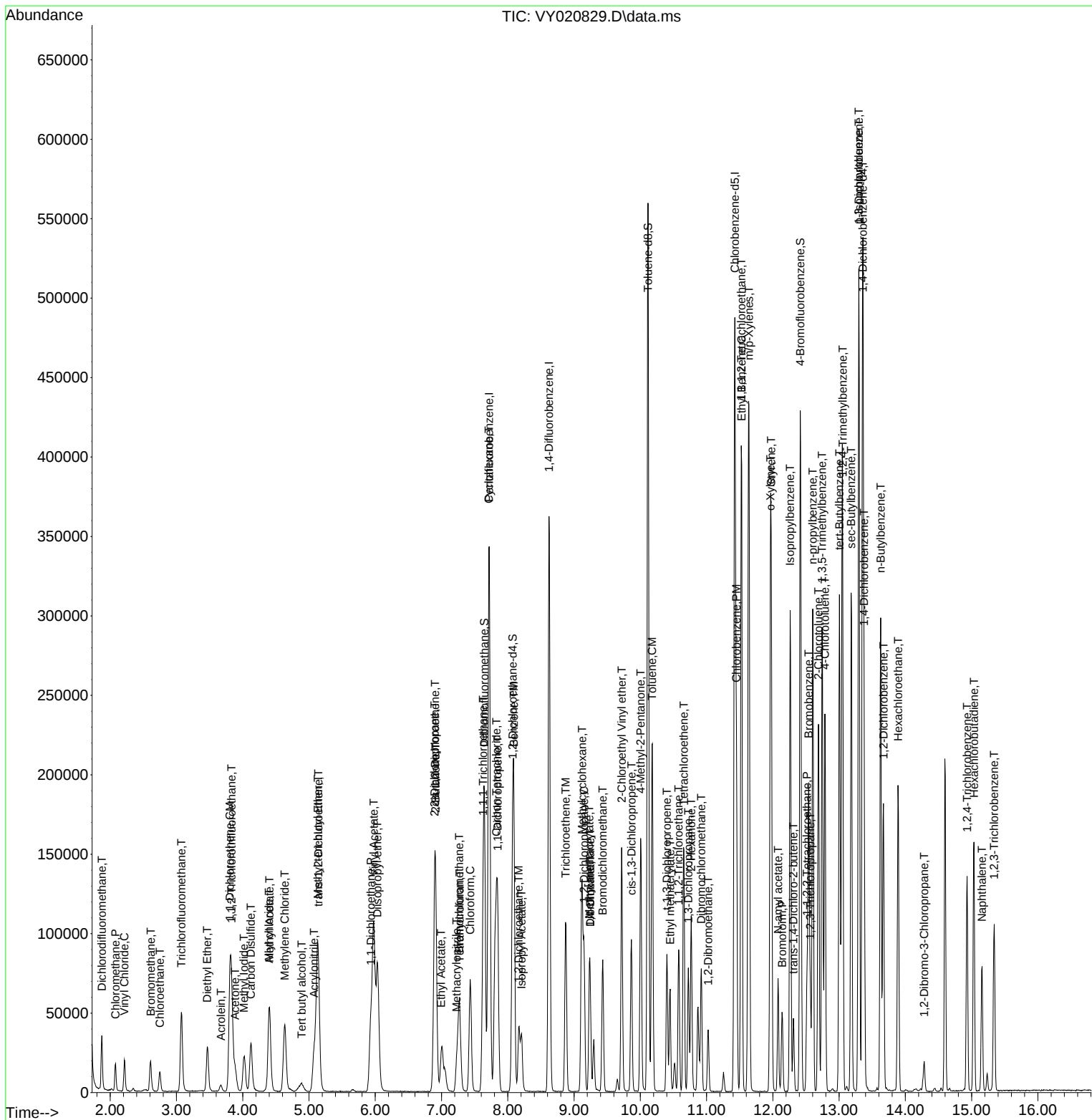
Instrument :
MSVOA_Y
ClientSampleId :

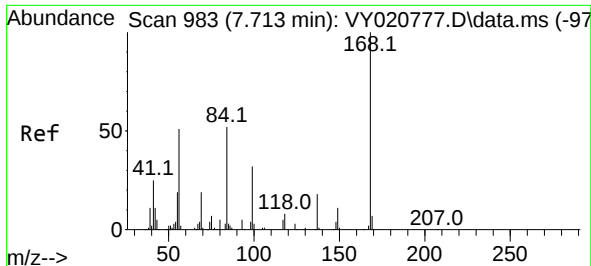
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

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

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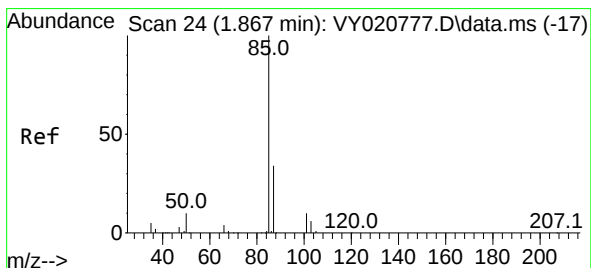
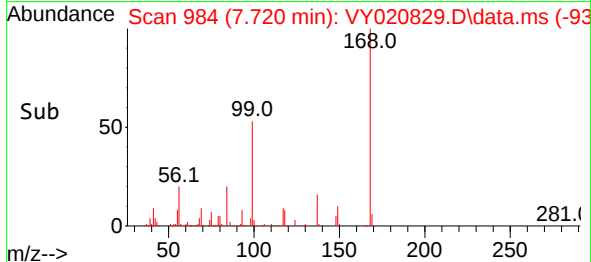
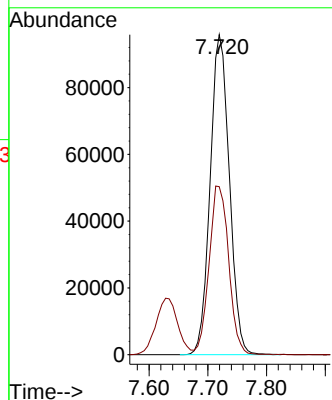
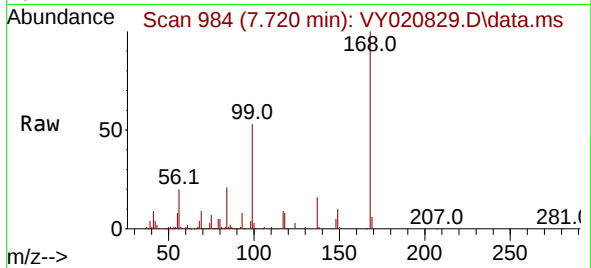




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020829.D
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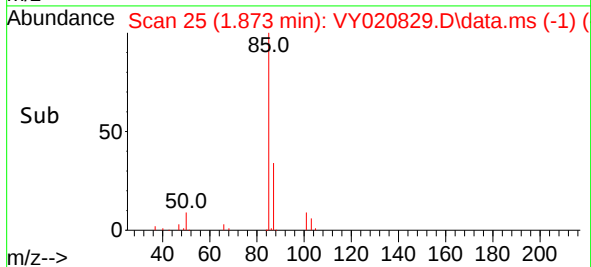
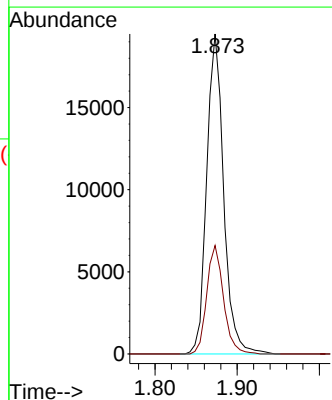
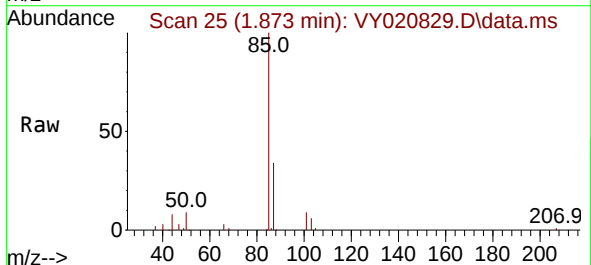
Instrument :
MSVOA_Y
ClientSampleId :

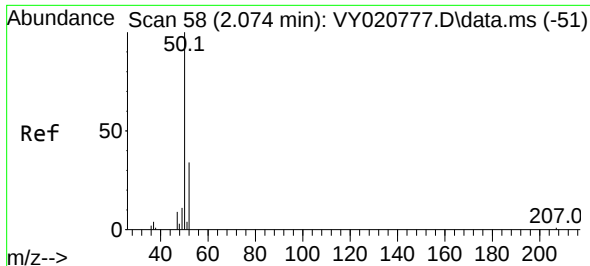
Tgt Ion:168 Resp: 217522
Ion Ratio Lower Upper
168 100
99 52.4 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 17.505 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 85 Resp: 27944
Ion Ratio Lower Upper
85 100
87 33.9 16.9 50.6

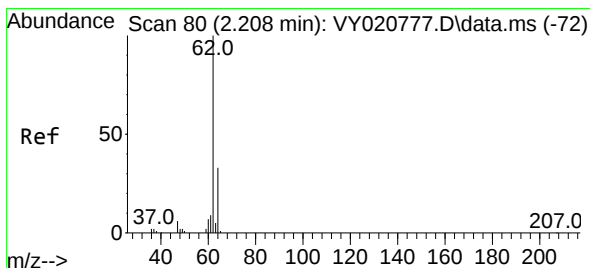
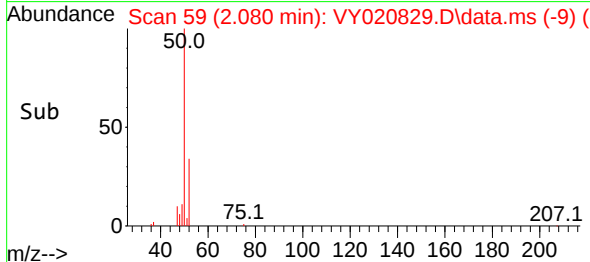
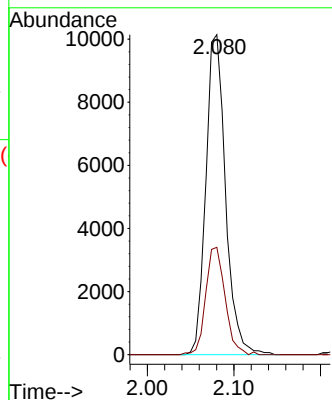
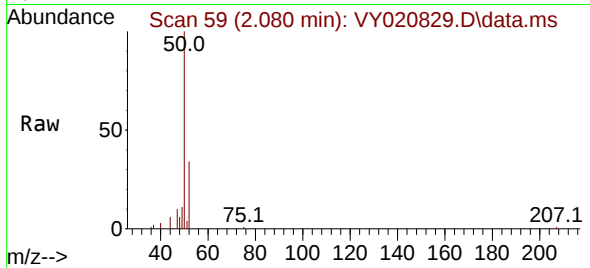




#3
Chloromethane
Concen: 19.075 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

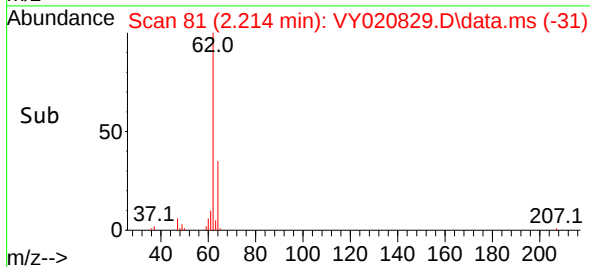
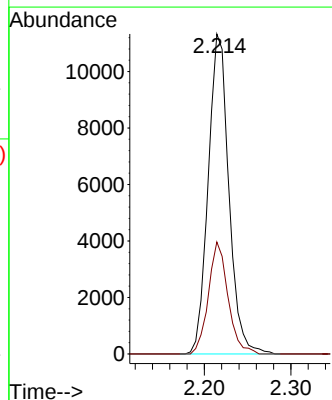
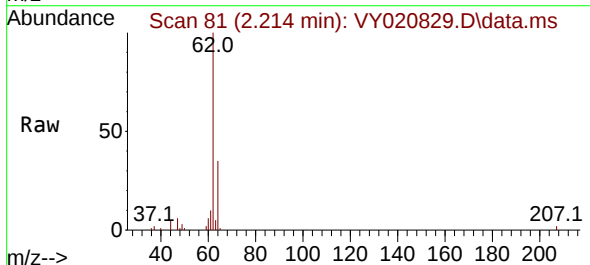
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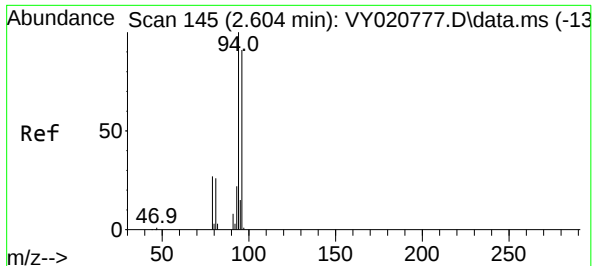
Tgt Ion: 50 Resp: 16033
Ion Ratio Lower Upper
50 100
52 33.5 27.3 40.9



#4
Vinyl Chloride
Concen: 20.051 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 62 Resp: 18736
Ion Ratio Lower Upper
62 100
64 35.0 26.6 39.8

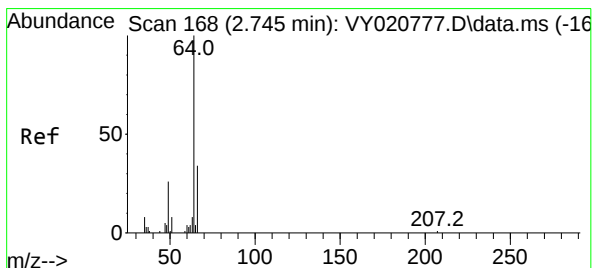
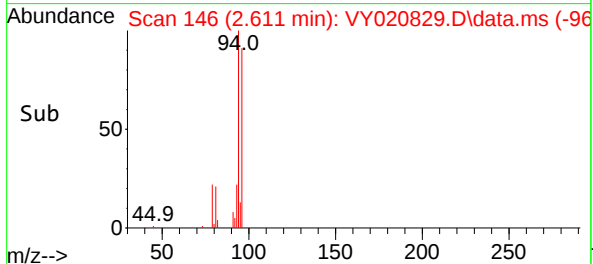
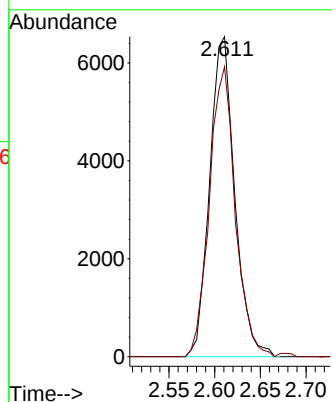
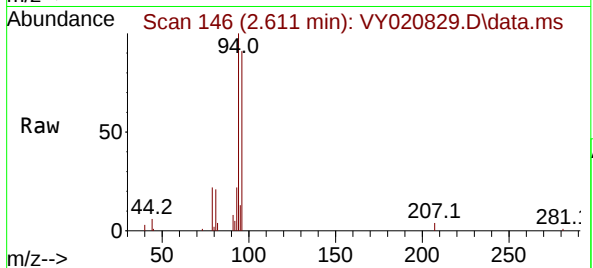




#5
Bromomethane
Concen: 18.790 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

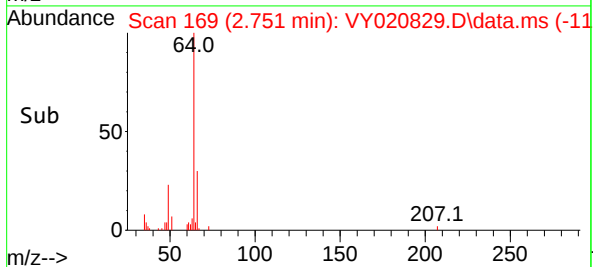
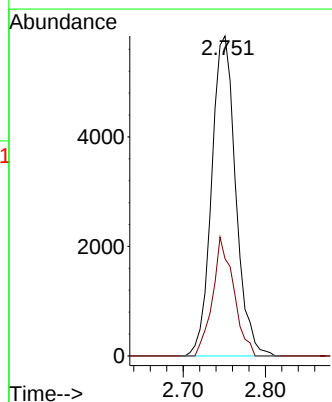
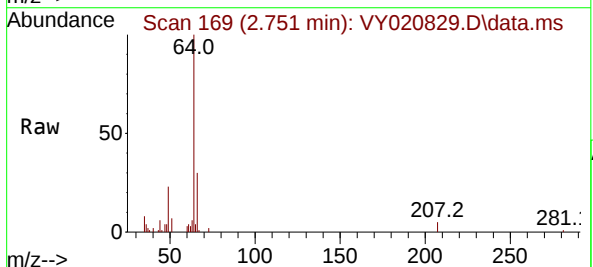
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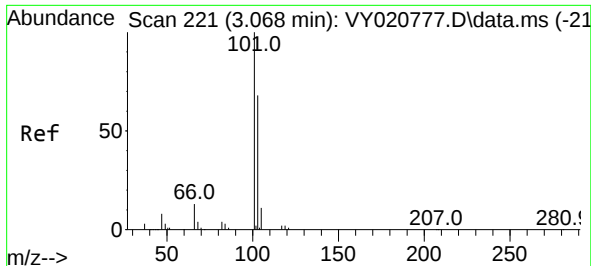
Tgt Ion: 94 Resp: 12505
Ion Ratio Lower Upper
94 100
96 90.6 72.6 109.0



#6
Chloroethane
Concen: 20.626 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 64 Resp: 11886
Ion Ratio Lower Upper
64 100
66 30.4 26.9 40.3

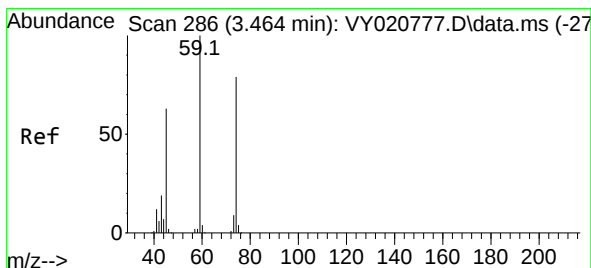
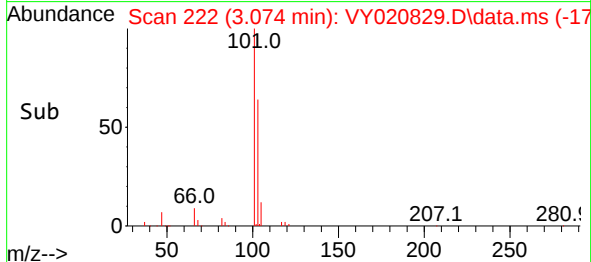
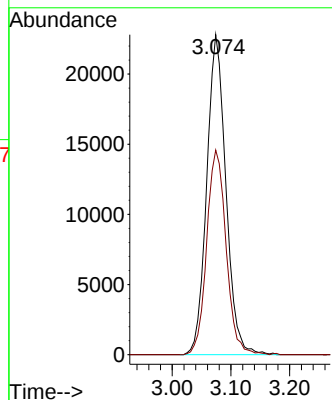
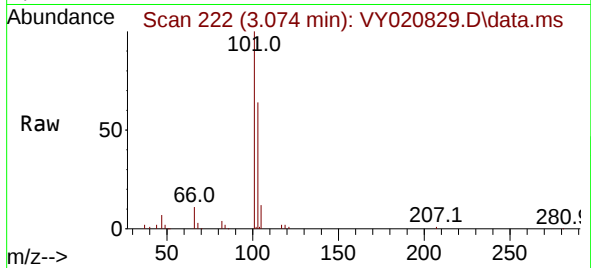




#7
 Trichlorofluoromethane
 Concen: 18.039 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY020829.D
 Acq: 15 Jan 2025 11:04

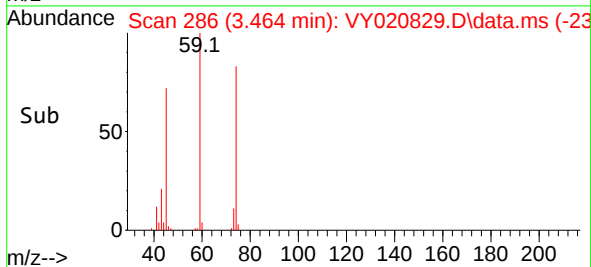
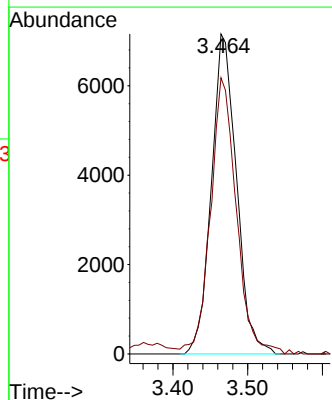
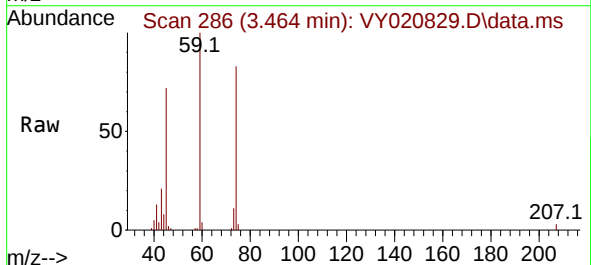
Instrument :
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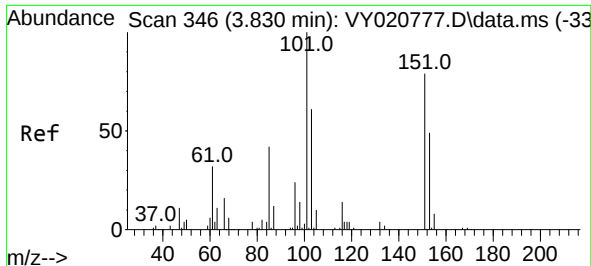
Tgt Ion:101 Resp: 51734
 Ion Ratio Lower Upper
 101 100
 103 64.0 54.6 82.0



#8
 Diethyl Ether
 Concen: 18.567 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY020829.D
 Acq: 15 Jan 2025 11:04

Tgt Ion: 74 Resp: 16651
 Ion Ratio Lower Upper
 74 100
 45 89.0 41.3 124.1

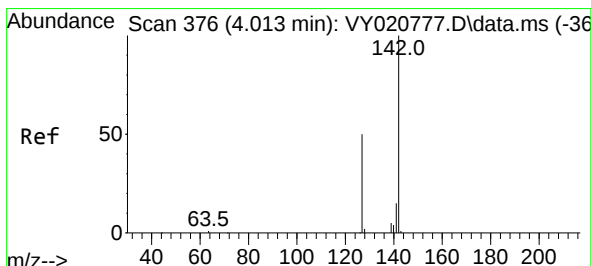
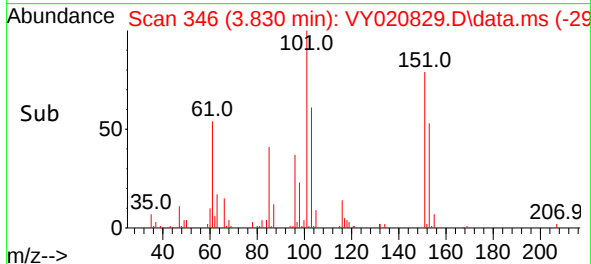
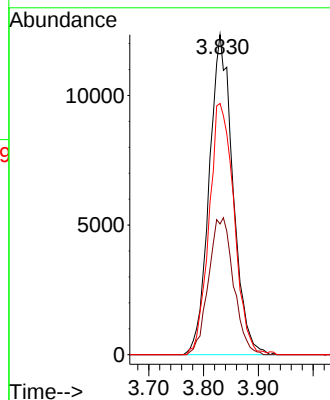
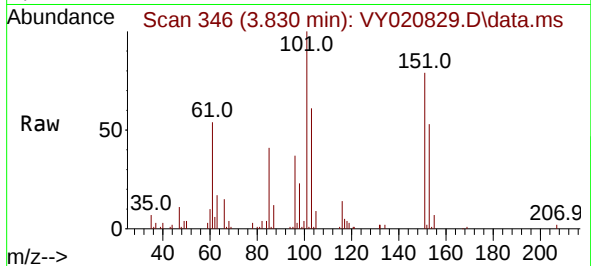




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.117 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

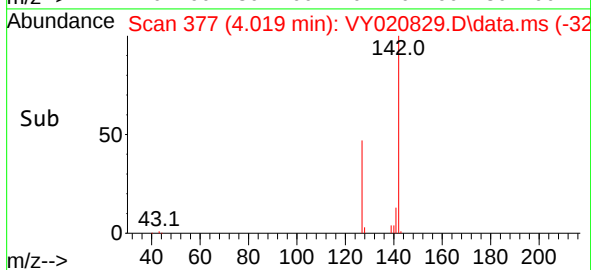
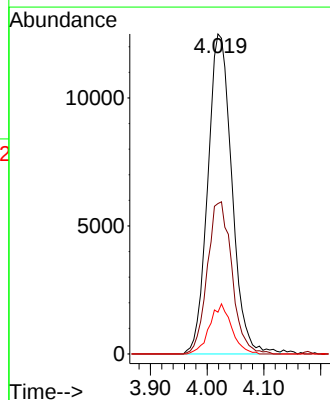
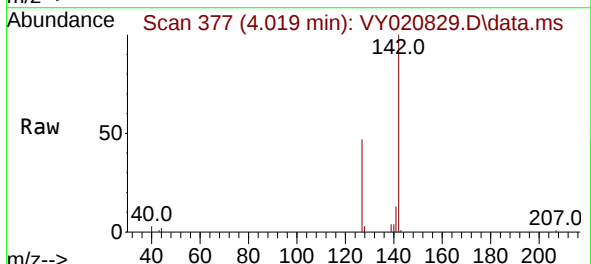
Instrument :
MSVOA_Y
ClientSampleId :

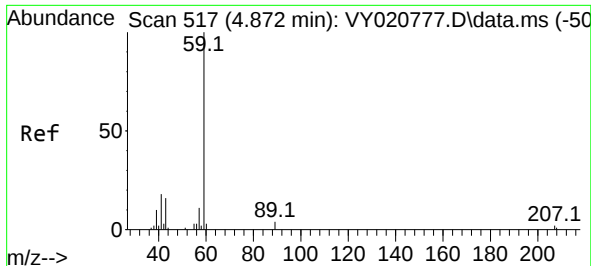
Tgt Ion:101 Resp: 37024
Ion Ratio Lower Upper
101 100
85 45.1 35.9 53.9
151 82.7 66.9 100.3



#10
Methyl Iodide
Concen: 17.751 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion:142 Resp: 36841
Ion Ratio Lower Upper
142 100
127 48.4 41.0 61.6
141 14.4 11.6 17.4

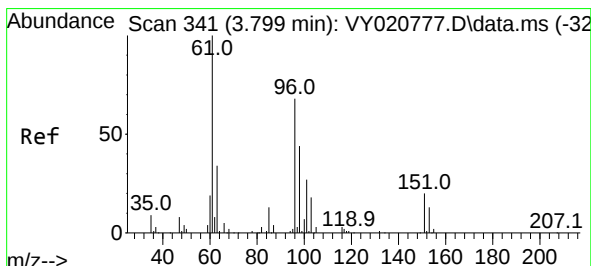
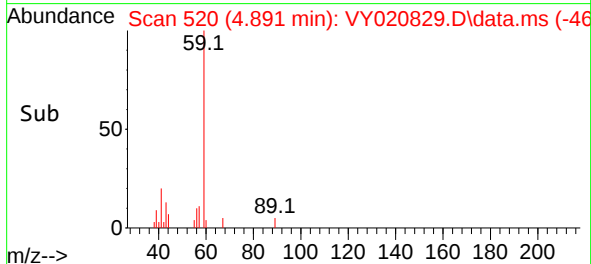
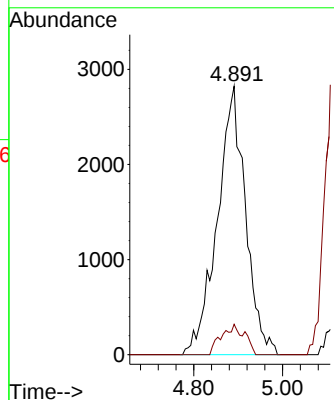
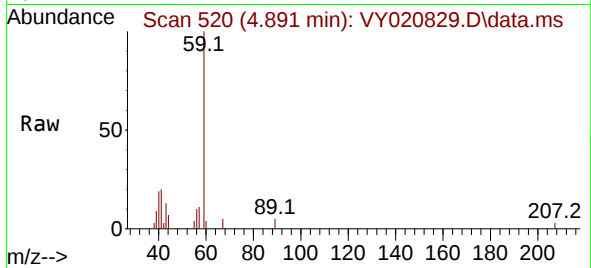




#11
Tert butyl alcohol
Concen: 88.837 ug/l
RT: 4.891 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

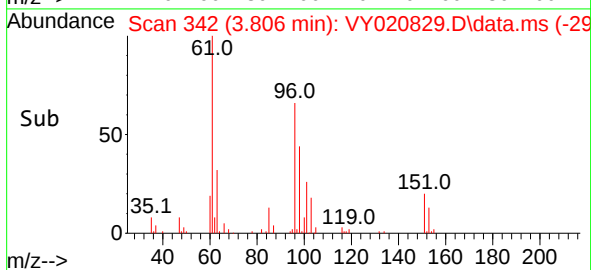
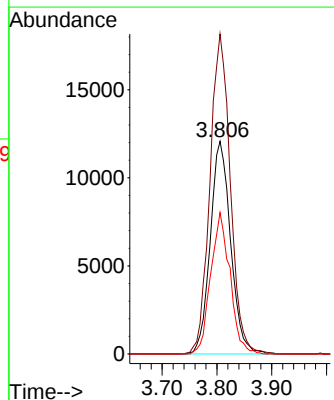
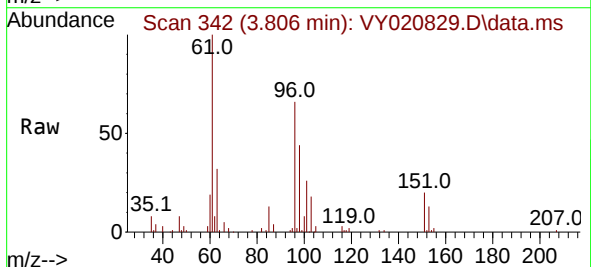
Instrument :
MSVOA_Y
ClientSampleId :

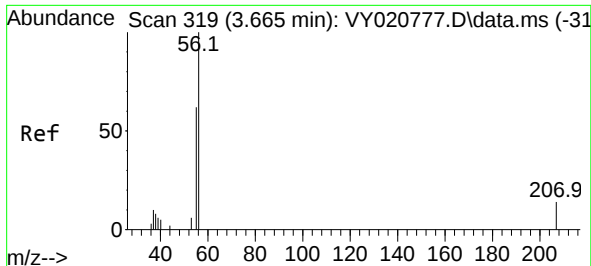
Tgt Ion: 59 Resp: 12411
Ion Ratio Lower Upper
59 100
57 9.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 18.387 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 96 Resp: 31189
Ion Ratio Lower Upper
96 100
61 150.5 117.8 176.8
98 66.5 51.9 77.9

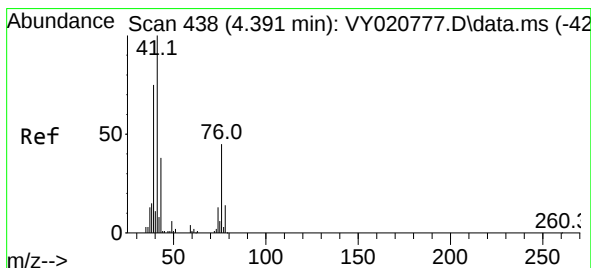
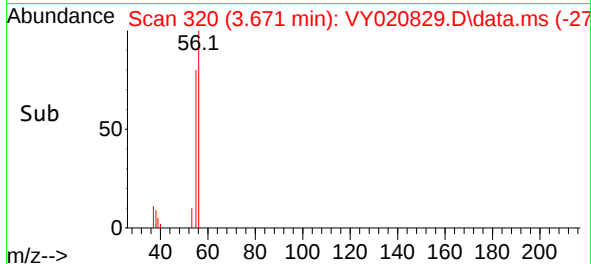
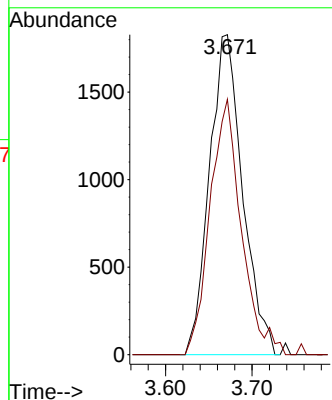
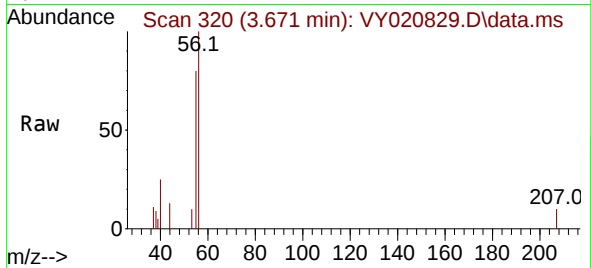




#13
Acrolein
Concen: 123.823 ug/l
RT: 3.671 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

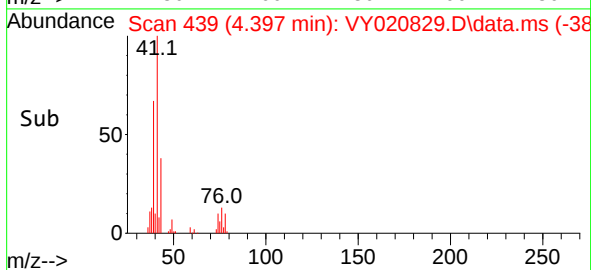
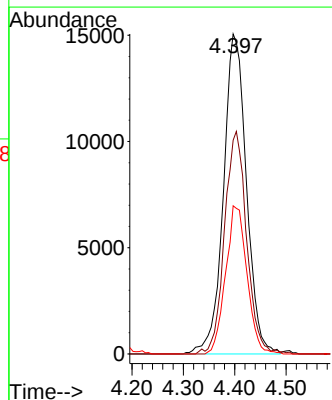
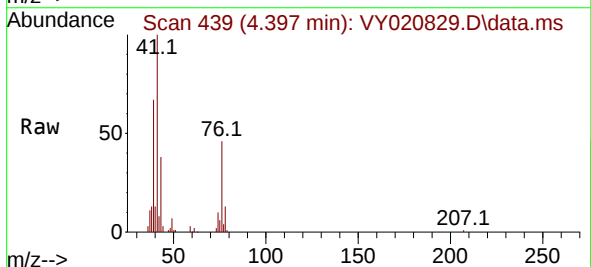
Instrument :
MSVOA_Y
ClientSampleId :

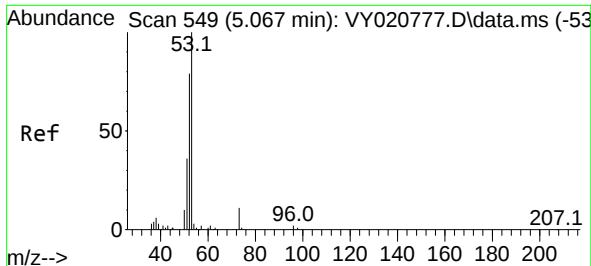
Tgt Ion: 56 Resp: 4858
Ion Ratio Lower Upper
56 100
55 75.5 58.1 87.1



#14
Allyl chloride
Concen: 19.164 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

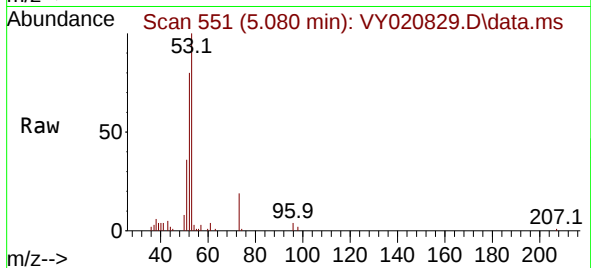
Tgt Ion: 41 Resp: 46900
Ion Ratio Lower Upper
41 100
39 66.9 57.5 86.3
76 43.0 35.6 53.4



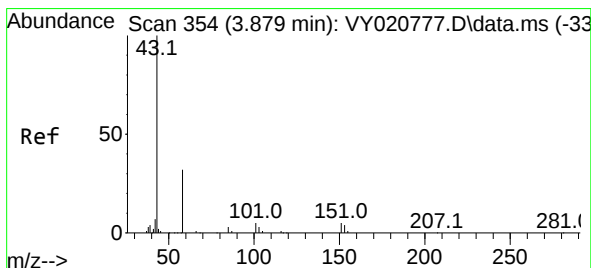
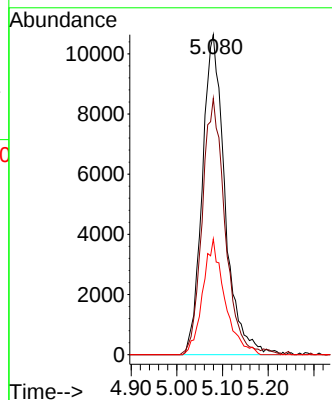
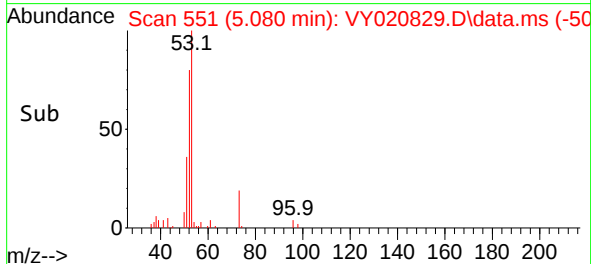


#15
Acrylonitrile
Concen: 96.248 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

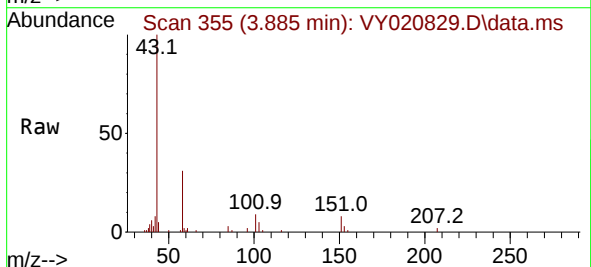
Instrument :
MSVOA_Y
ClientSampleId :



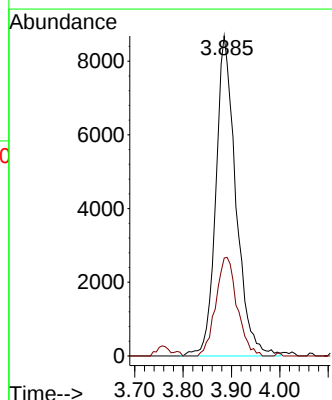
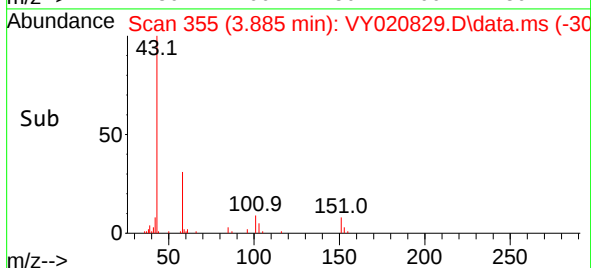
Tgt Ion: 53 Resp: 36685
Ion Ratio Lower Upper
53 100
52 80.0 64.3 96.5
51 35.2 29.3 43.9

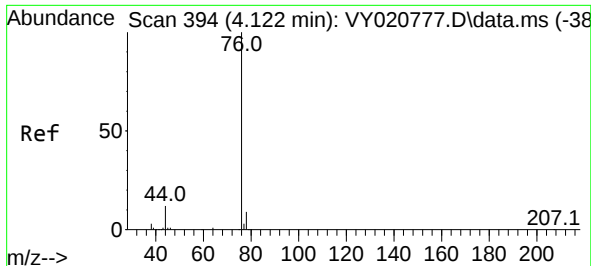


#16
Acetone
Concen: 95.188 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04



Tgt Ion: 43 Resp: 25026
Ion Ratio Lower Upper
43 100
58 29.7 26.7 40.1

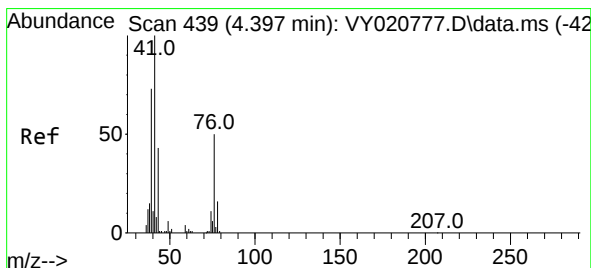
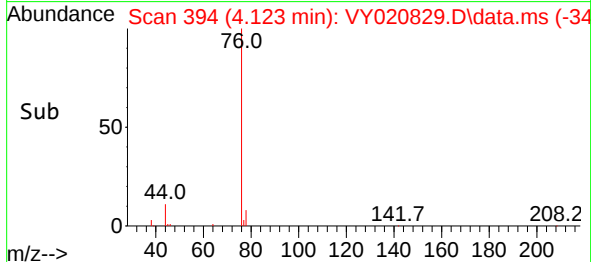
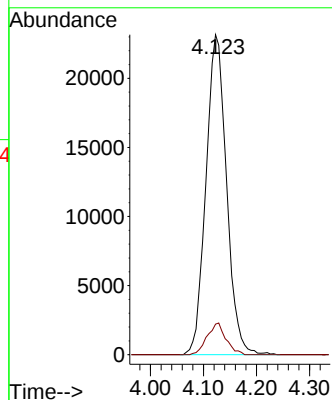
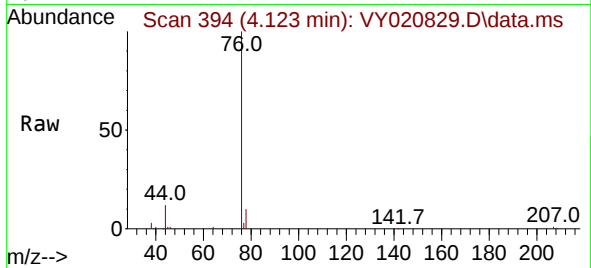




#17
Carbon Disulfide
Concen: 16.984 ug/l
RT: 4.123 min Scan# 394
Delta R.T. 0.000 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

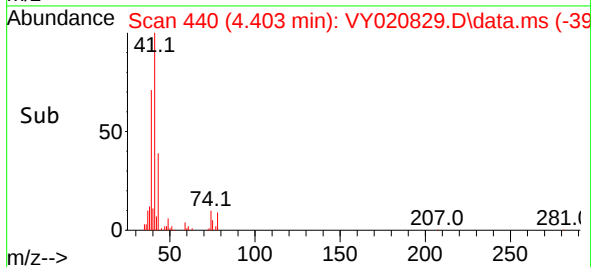
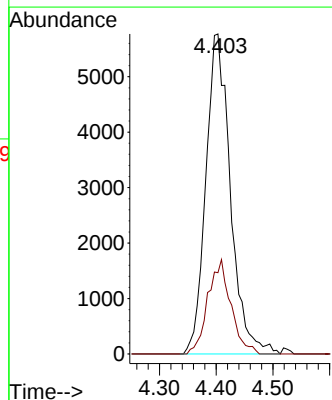
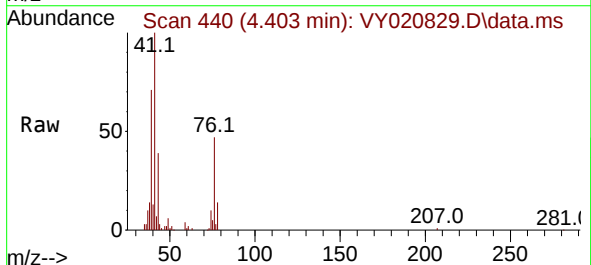
Instrument :
MSVOA_Y
ClientSampleId :

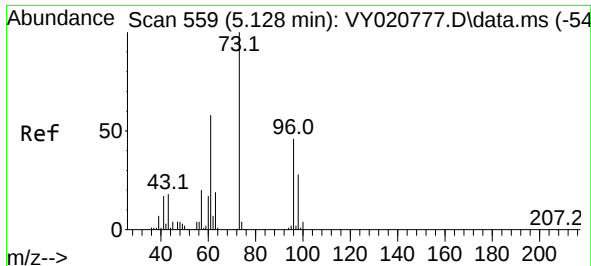
Tgt Ion: 76 Resp: 62498
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 19.603 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 43 Resp: 17402
Ion Ratio Lower Upper
43 100
74 27.5 23.0 34.6

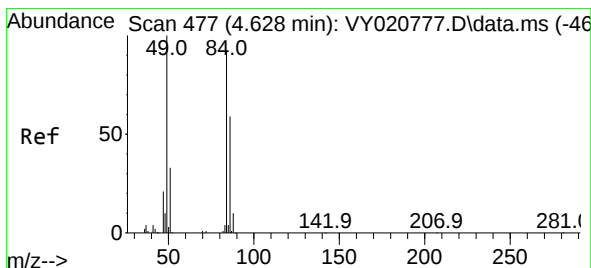
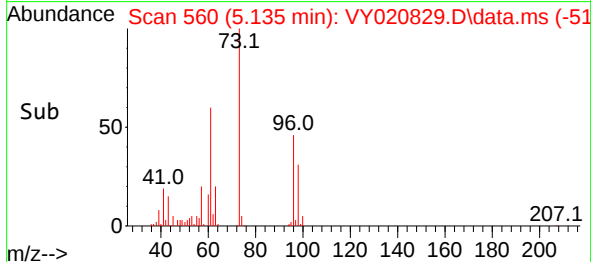
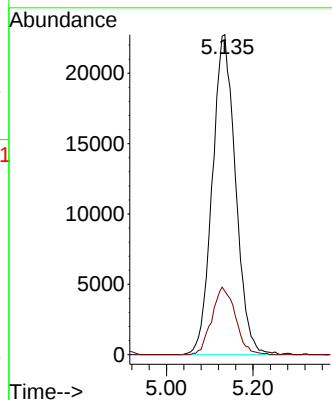
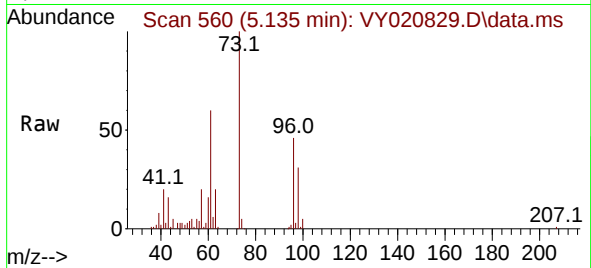




#19
Methyl tert-butyl Ether
Concen: 17.727 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

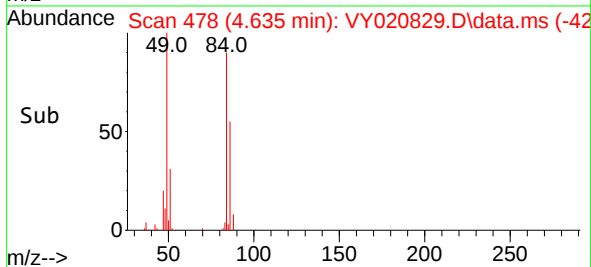
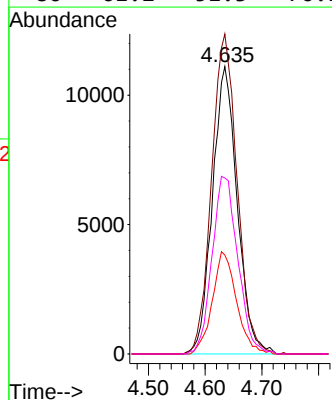
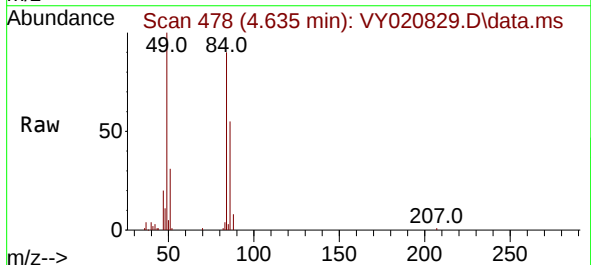
Instrument :
MSVOA_Y
ClientSampleId :

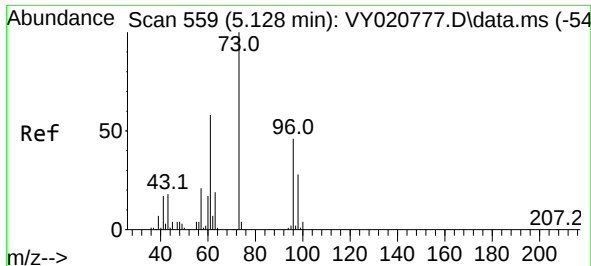
Tgt Ion: 73 Resp: 84863
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6



#20
Methylene Chloride
Concen: 18.628 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 84 Resp: 33823
Ion Ratio Lower Upper
84 100
49 111.3 86.7 130.1
51 34.4 28.4 42.6
86 61.2 51.3 76.9

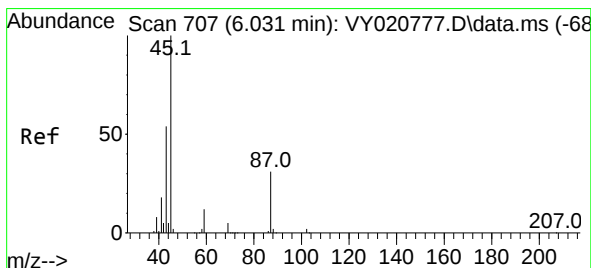
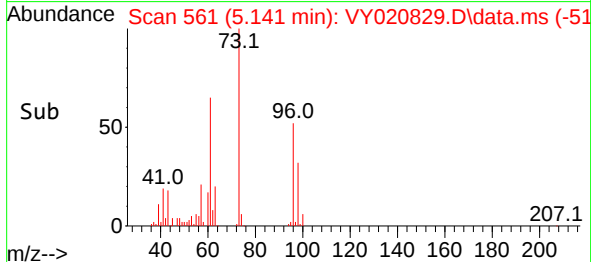
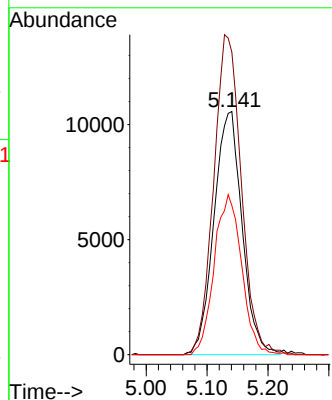
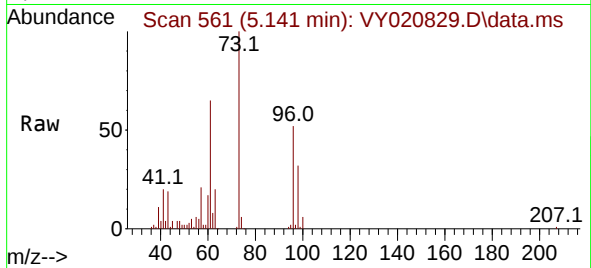




#21
trans-1,2-Dichloroethene
Concen: 18.137 ug/l
RT: 5.141 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

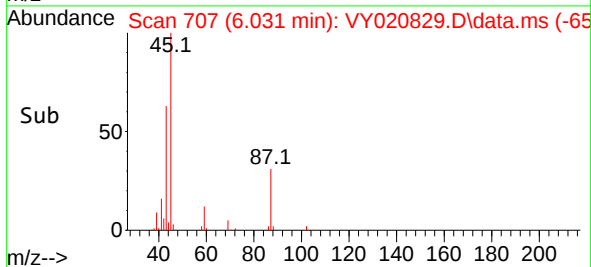
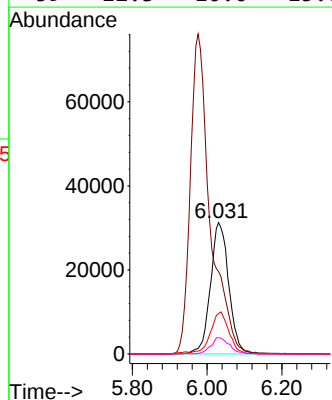
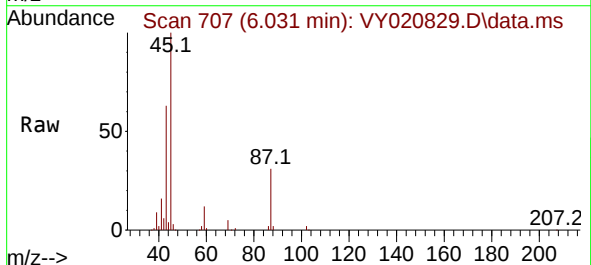
Instrument :
MSVOA_Y
ClientSampleId :

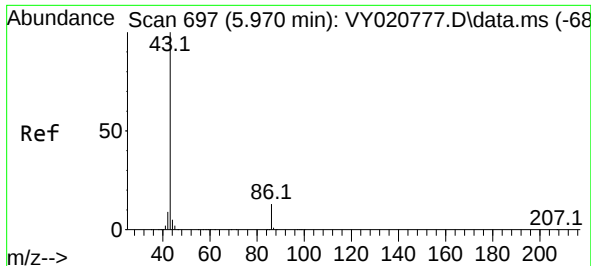
Tgt Ion: 96 Resp: 33880
Ion Ratio Lower Upper
96 100
61 124.3 101.6 152.4
98 61.2 49.4 74.2



#22
Diisopropyl ether
Concen: 20.377 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 45 Resp: 106228
Ion Ratio Lower Upper
45 100
43 62.3 43.9 65.9
87 30.8 25.3 37.9
59 12.3 10.0 15.0

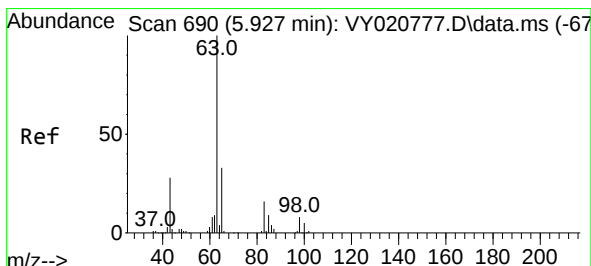
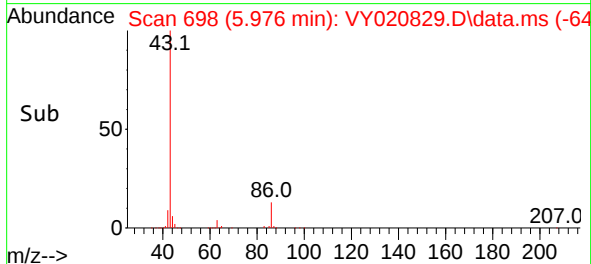
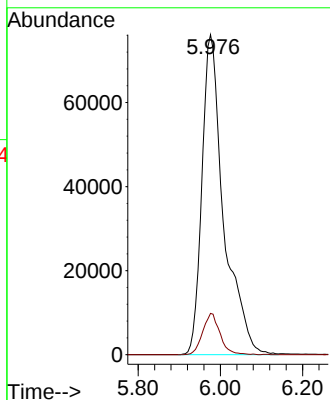
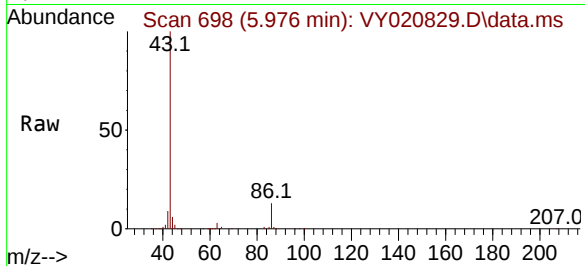




#23
 Vinyl Acetate
 Concen: 97.523 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY020829.D
 Acq: 15 Jan 2025 11:04

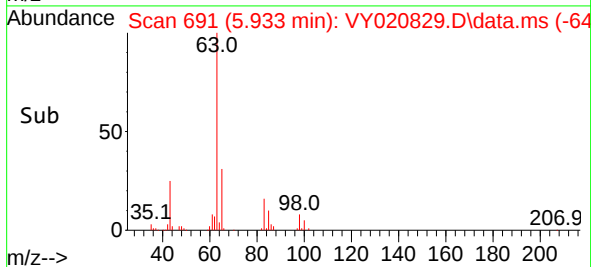
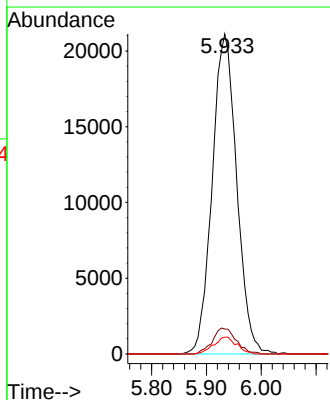
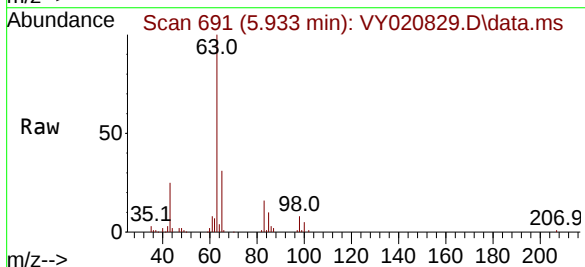
Instrument :
 MSVOA_Y
 ClientSampleId :

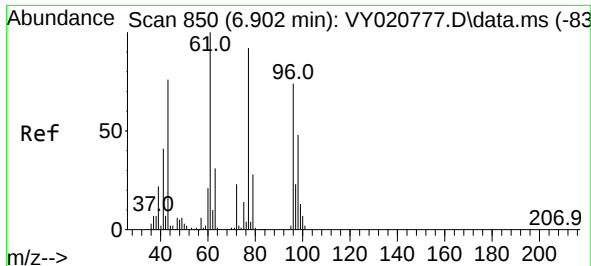
Tgt Ion: 43 Resp: 280320
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 19.083 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY020829.D
 Acq: 15 Jan 2025 11:04

Tgt Ion: 63 Resp: 65634
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 5.3 2.4 7.2





#25

2-Butanone

Concen: 94.673 ug/l

RT: 6.909 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

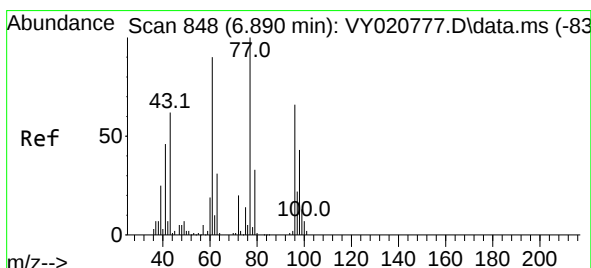
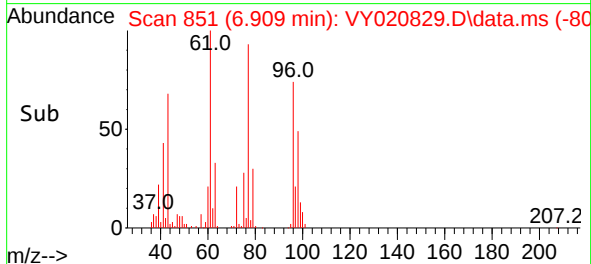
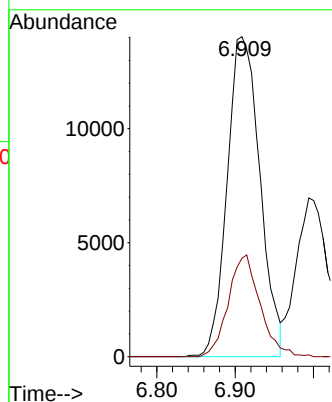
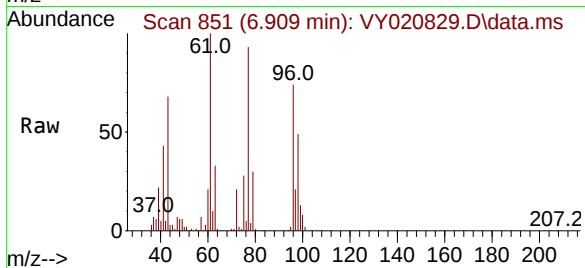
ClientSampleId :

Tgt Ion: 43 Resp: 40887

Ion Ratio Lower Upper

43 100

72 30.8 24.0 36.0



#26

2,2-Dichloropropane

Concen: 18.082 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY020829.D

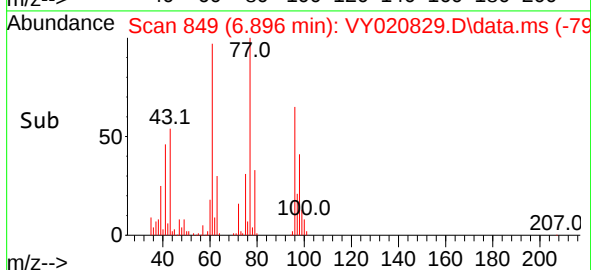
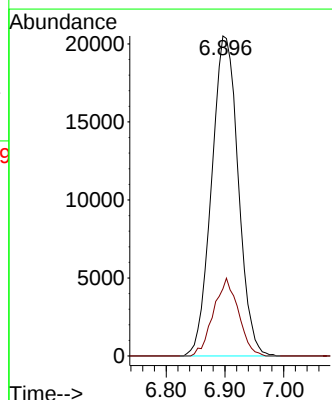
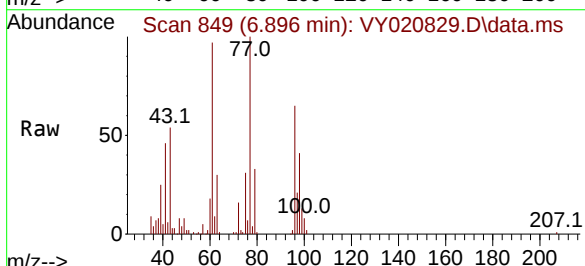
Acq: 15 Jan 2025 11:04

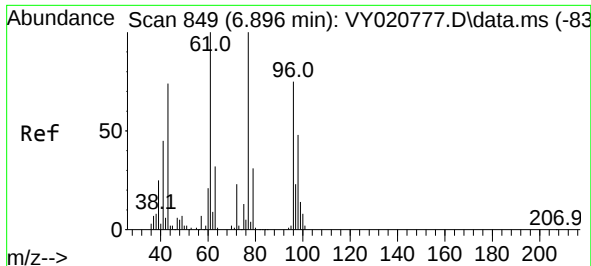
Tgt Ion: 77 Resp: 64574

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.245 ug/l

RT: 6.903 min Scan# 81

Delta R.T. 0.006 min

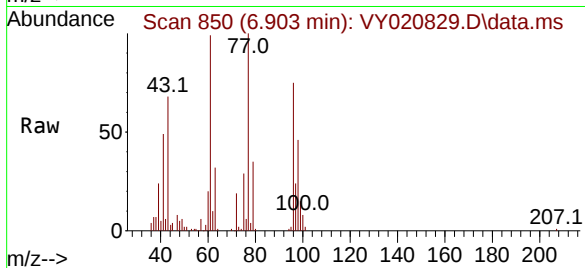
Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :



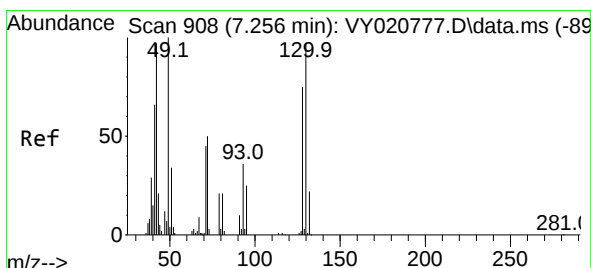
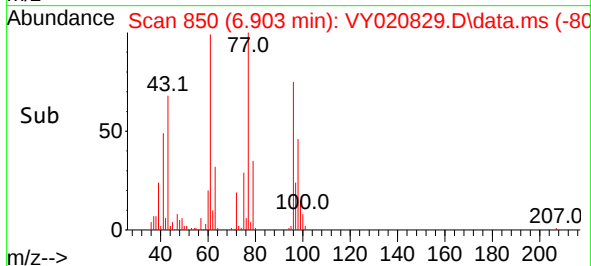
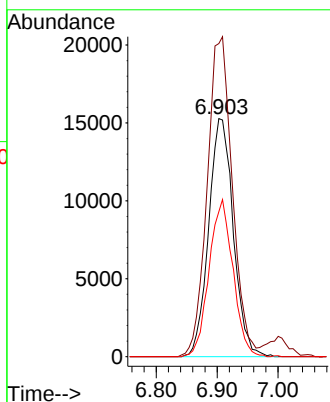
Tgt Ion: 96 Resp: 43001

Ion Ratio Lower Upper

96 100

61 137.4 0.0 271.4

98 63.9 0.0 129.0



#28

Bromochloromethane

Concen: 17.954 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

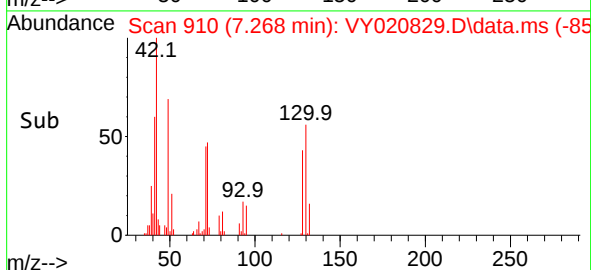
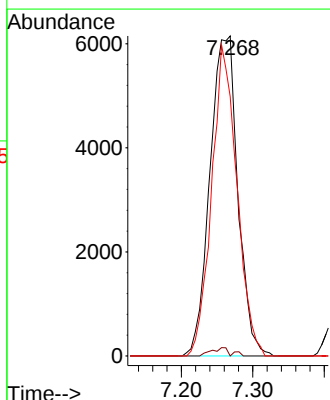
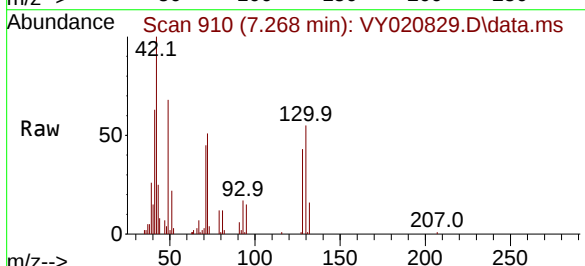
Tgt Ion: 49 Resp: 16663

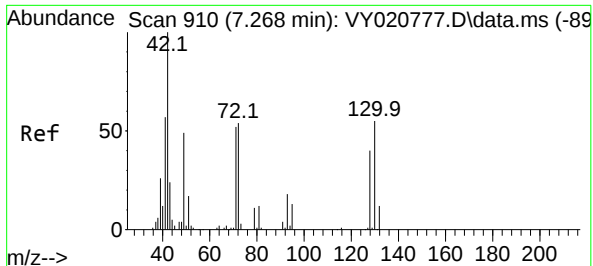
Ion Ratio Lower Upper

49 100

129 1.8 0.0 5.2

130 87.7 77.8 116.6





#29

Tetrahydrofuran

Concen: 97.084 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

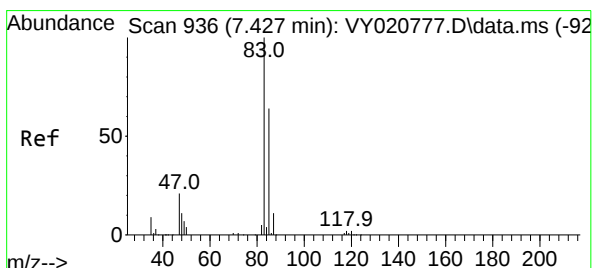
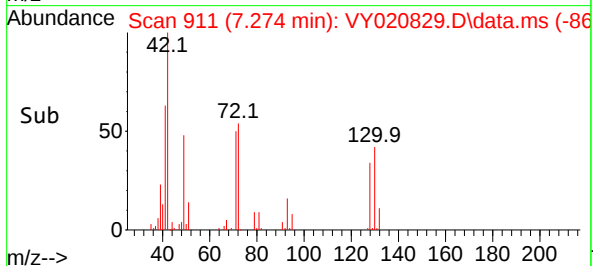
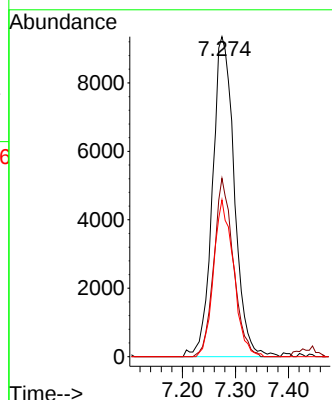
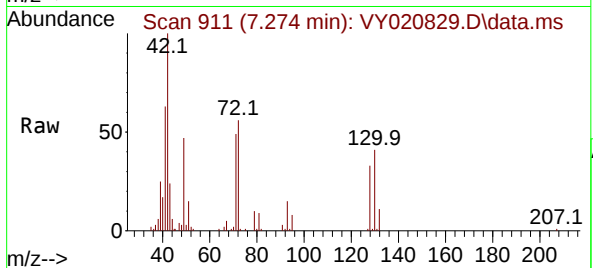
Tgt Ion: 42 Resp: 26784

Ion Ratio Lower Upper

42 100

72 49.8 41.8 62.6

71 44.9 39.8 59.8



#30

Chloroform

Concen: 18.032 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY020829.D

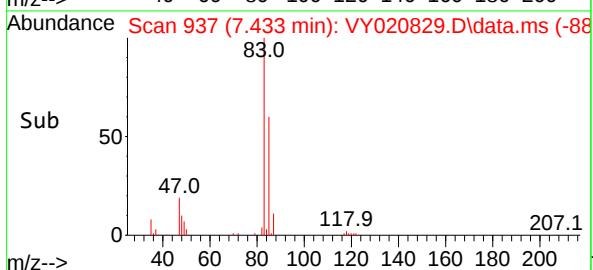
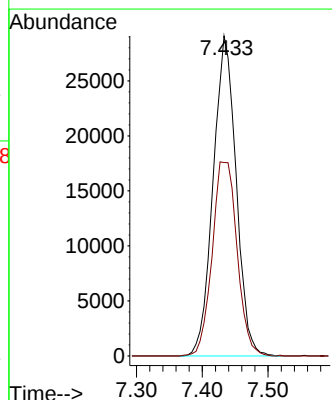
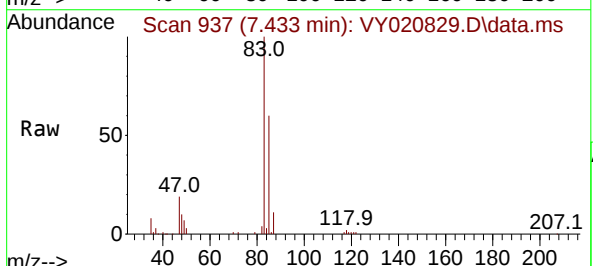
Acq: 15 Jan 2025 11:04

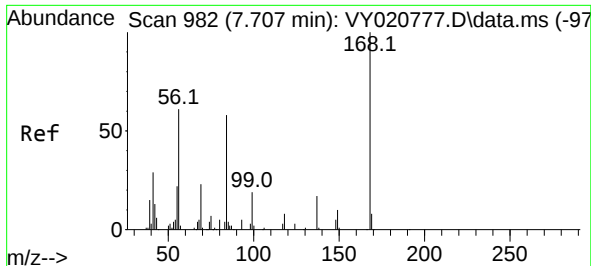
Tgt Ion: 83 Resp: 70728

Ion Ratio Lower Upper

83 100

85 60.4 51.1 76.7

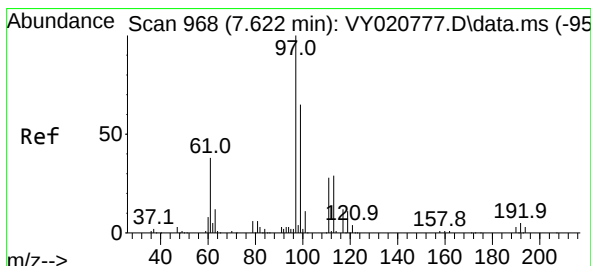
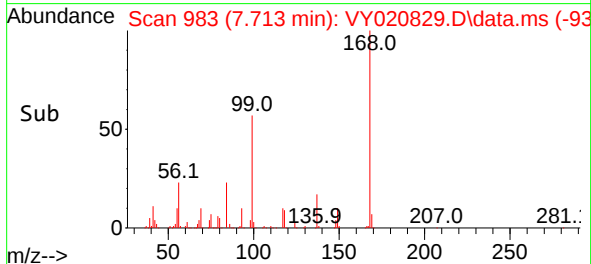
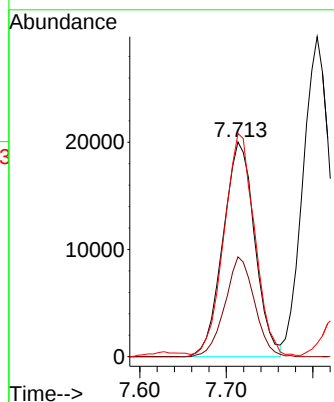
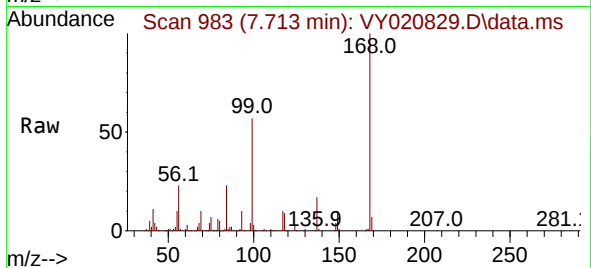




#31
Cyclohexane
Concen: 18.938 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

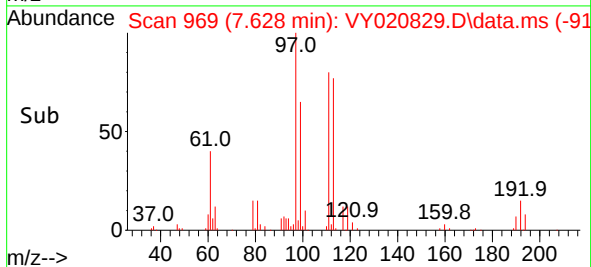
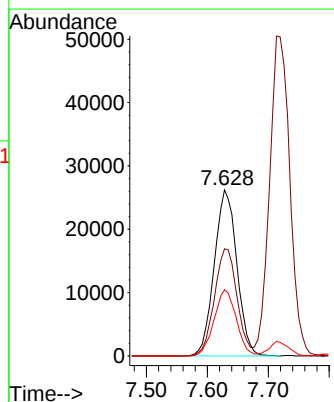
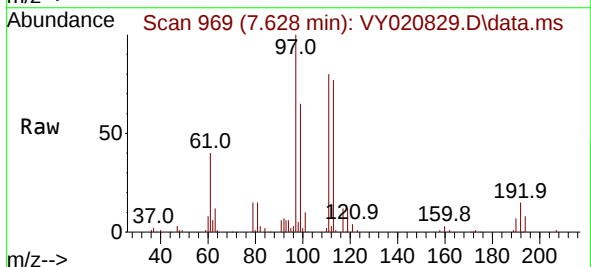
Instrument :
MSVOA_Y
ClientSampleId :

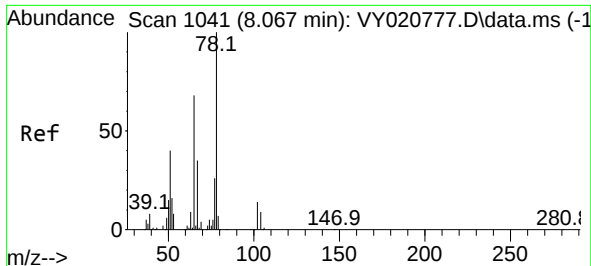
Tgt Ion: 56 Resp: 50949
Ion Ratio Lower Upper
56 100
69 46.5 30.5 45.7#
84 102.3 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 17.665 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 97 Resp: 67584
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.2
61 39.3 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 50.060 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

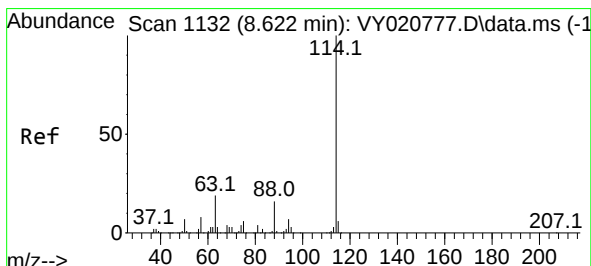
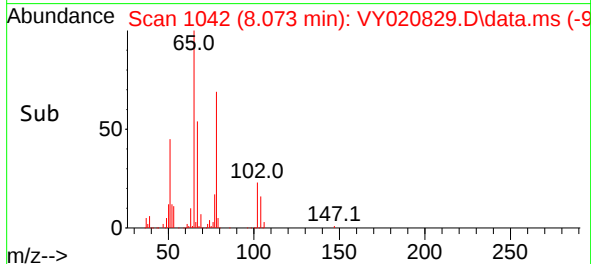
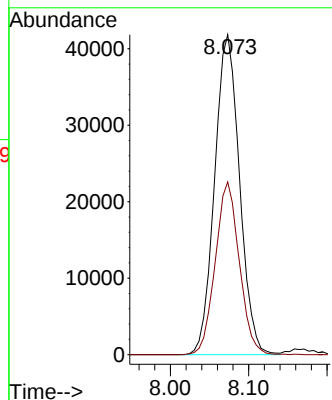
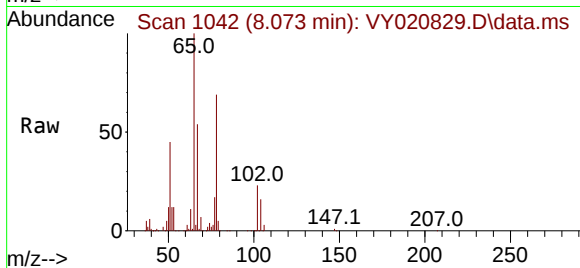
ClientSampleId :

Tgt Ion: 65 Resp: 92554

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

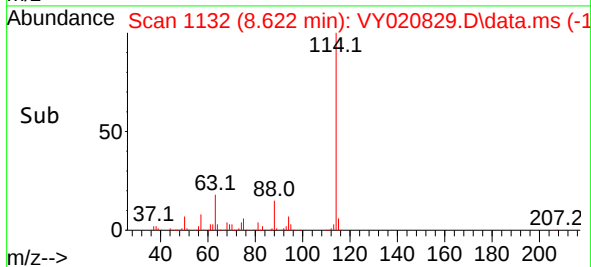
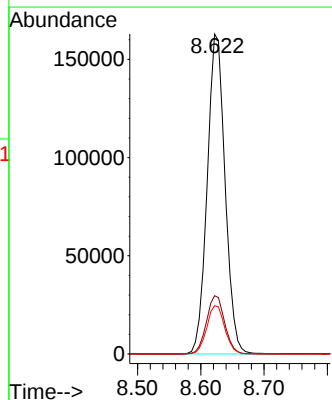
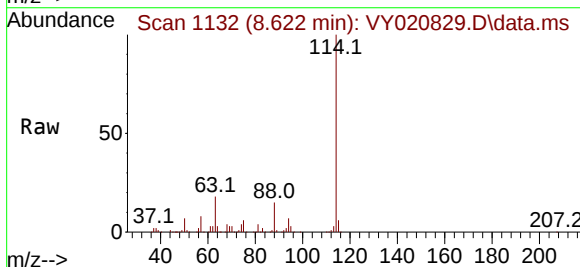
Tgt Ion:114 Resp: 319875

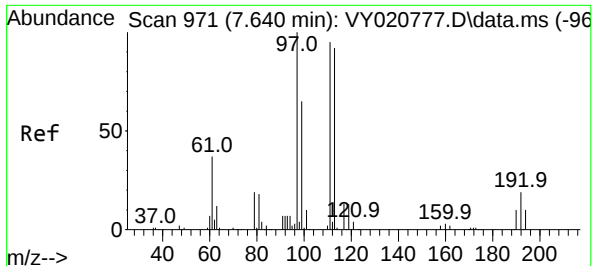
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.751 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.006 min

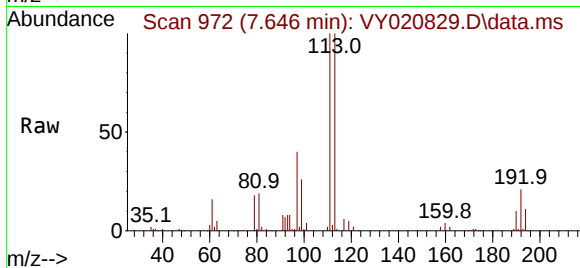
Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :



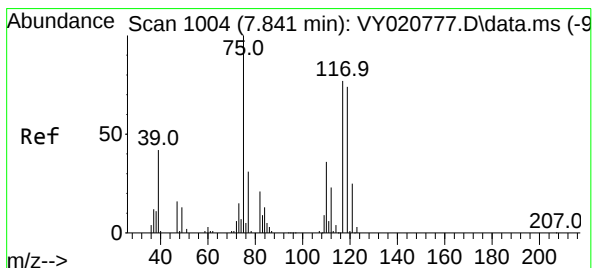
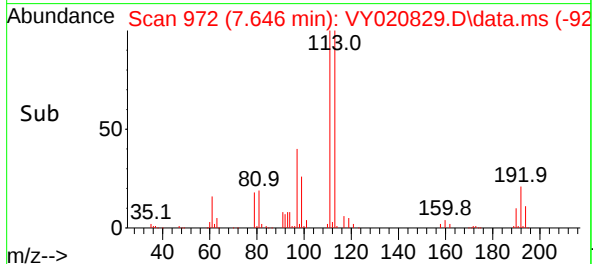
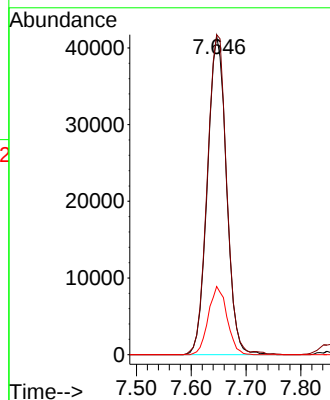
Tgt Ion:113 Resp: 99701

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

192 21.1 16.7 25.1



#36

1,1-Dichloropropene

Concen: 18.595 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

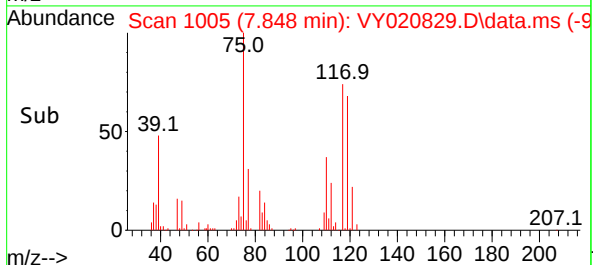
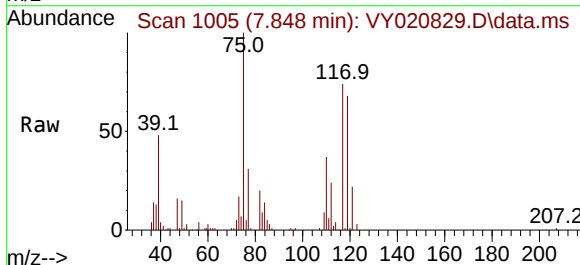
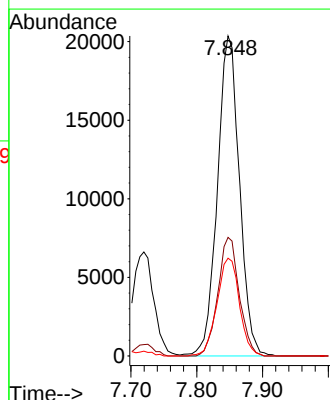
Tgt Ion: 75 Resp: 47531

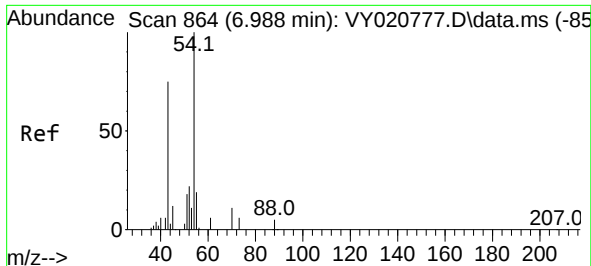
Ion Ratio Lower Upper

75 100

110 35.9 18.5 55.5

77 31.1 25.0 37.4

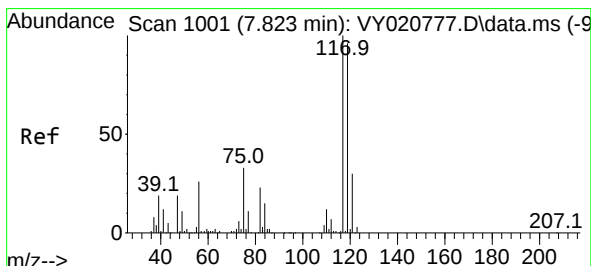
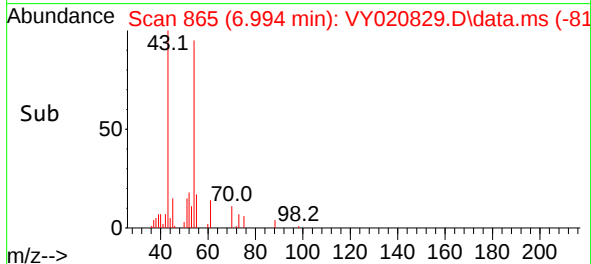
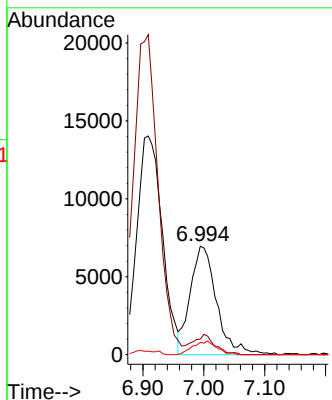
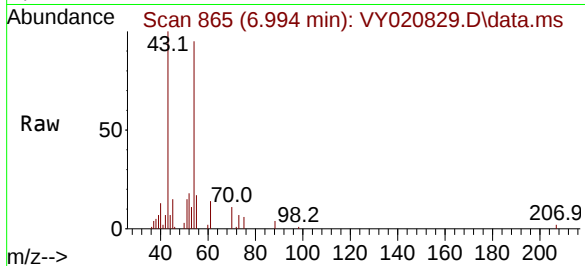




#37
Ethyl Acetate
Concen: 20.610 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

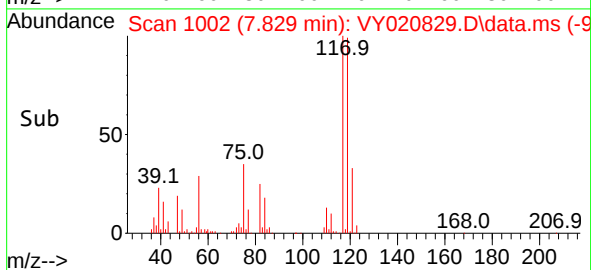
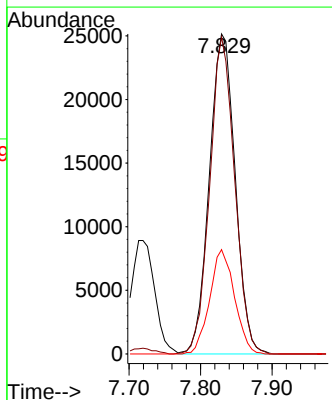
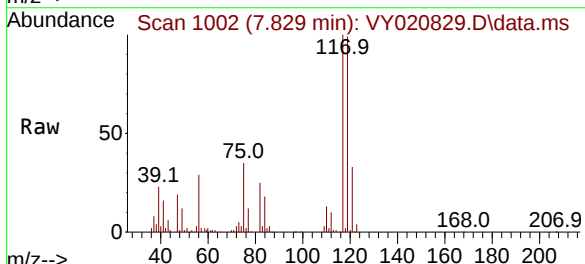
Instrument :
MSVOA_Y
ClientSampleId :

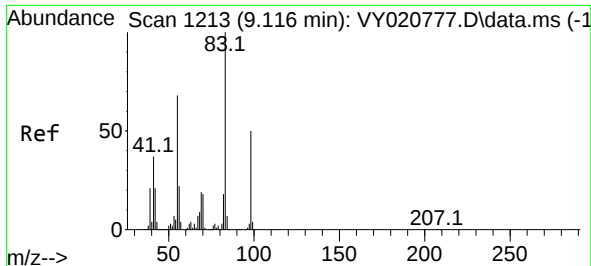
Tgt Ion: 43 Resp: 20964
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.6
70 11.5 9.8 14.8



#38
Carbon Tetrachloride
Concen: 17.743 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 117 Resp: 63131
Ion Ratio Lower Upper
117 100
119 99.0 76.5 114.7
121 32.6 24.3 36.5





#39

Methylcyclohexane

Concen: 18.224 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

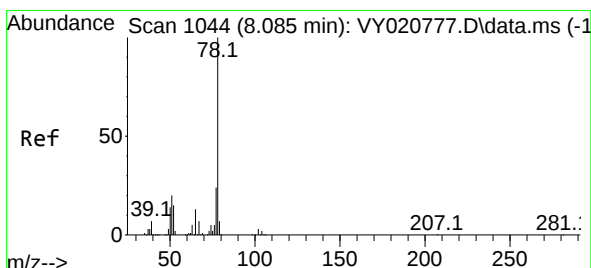
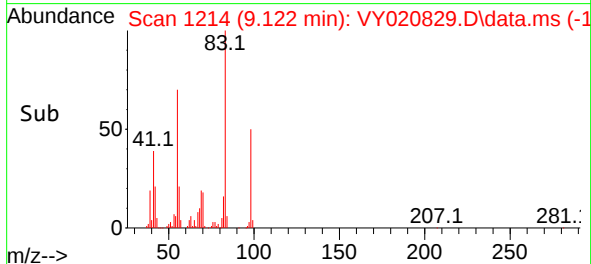
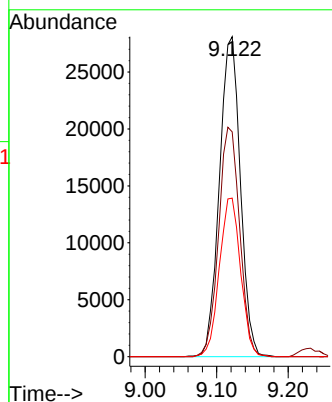
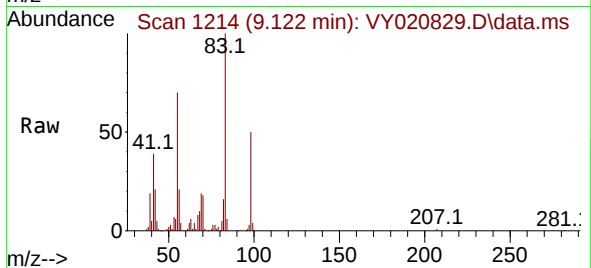
Tgt Ion: 83 Resp: 57162

Ion Ratio Lower Upper

83 100

55 70.3 54.8 82.2

98 49.6 40.0 60.0



#40

Benzene

Concen: 18.700 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY020829.D

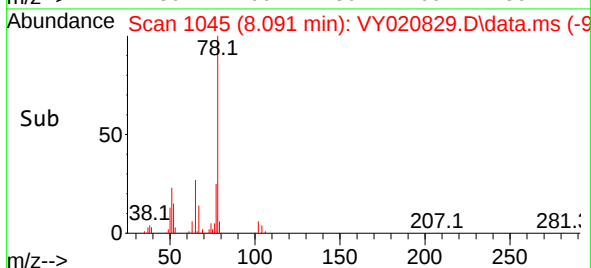
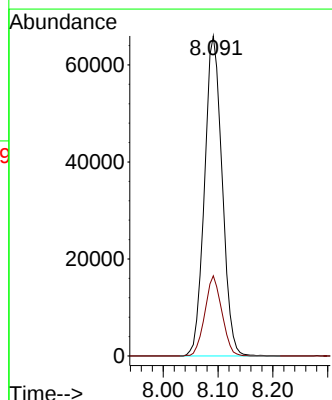
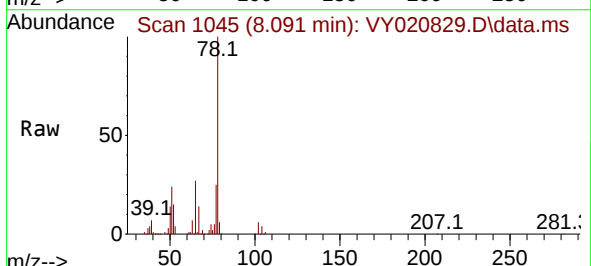
Acq: 15 Jan 2025 11:04

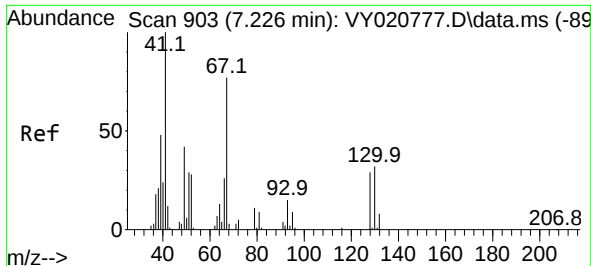
Tgt Ion: 78 Resp: 146700

Ion Ratio Lower Upper

78 100

77 25.0 19.4 29.2

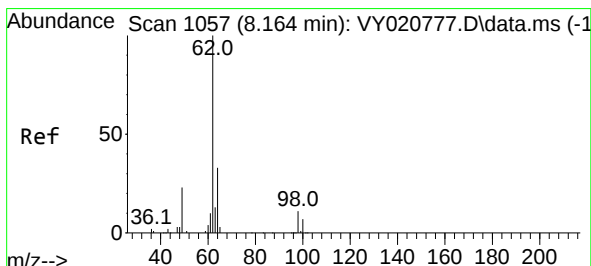
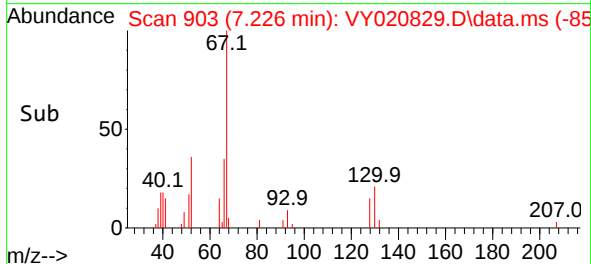
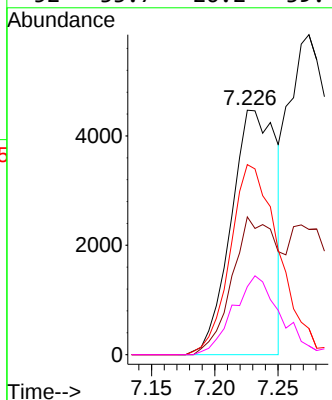
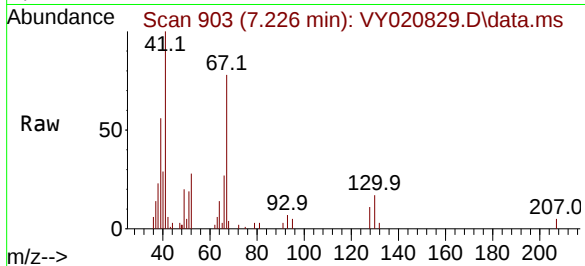




#41
Methacrylonitrile
Concen: 19.056 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

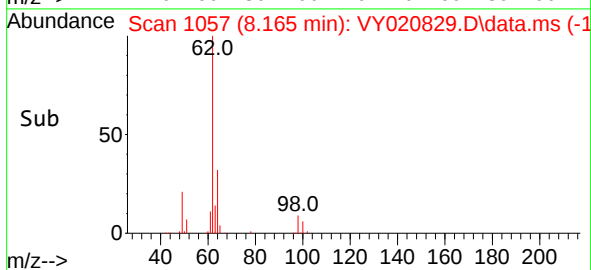
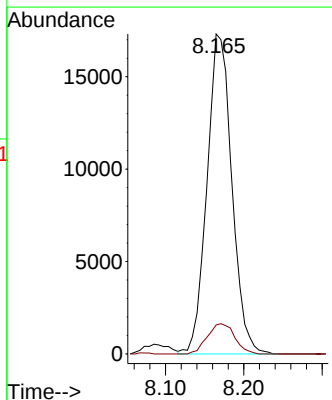
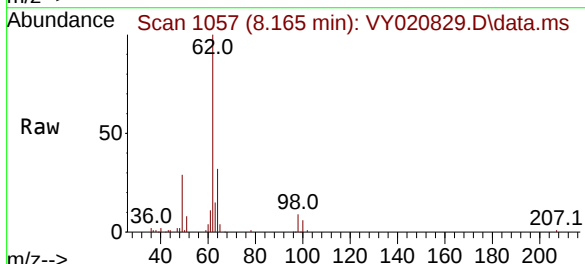
Instrument :
MSVOA_Y
ClientSampleId :

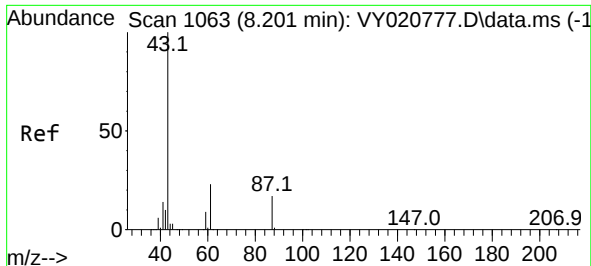
Tgt Ion:	41	Resp:	11101
Ion	Ratio	Lower	Upper
41	100		
39	59.6	42.4	63.6
67	85.0	67.8	101.8
52	33.7	26.2	39.4



#42
1,2-Dichloroethane
Concen: 17.842 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

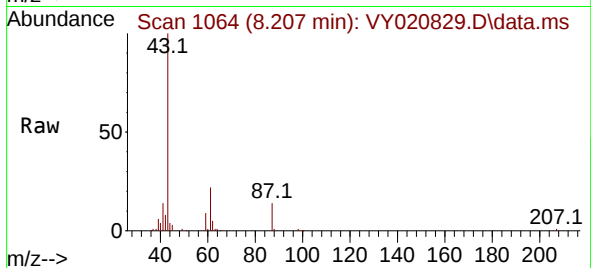
Tgt Ion:	62	Resp:	38224
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.6



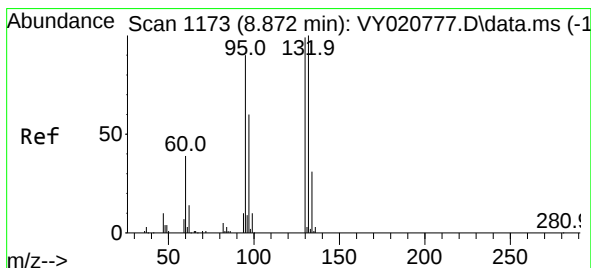
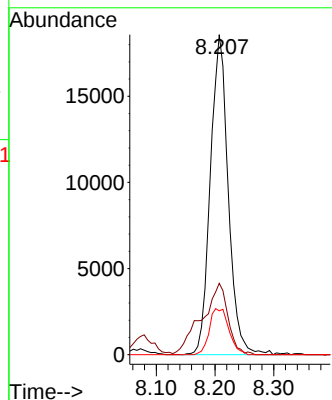
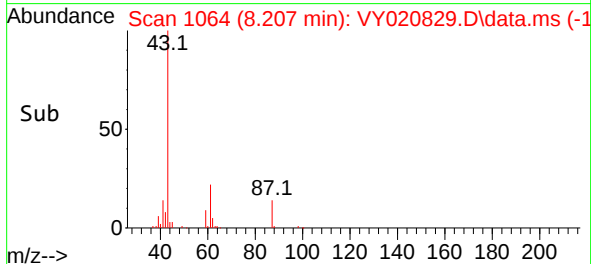


#43
Isopropyl Acetate
Concen: 19.012 ug/l
RT: 8.207 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

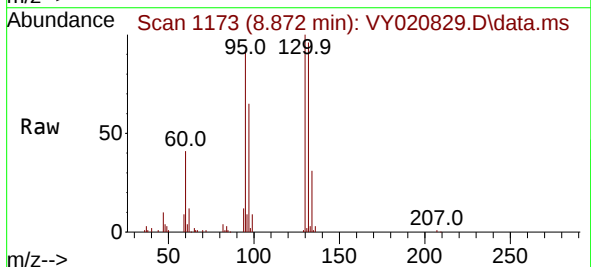
Instrument :
MSVOA_Y
ClientSampleId :



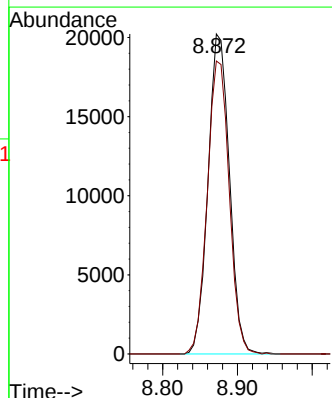
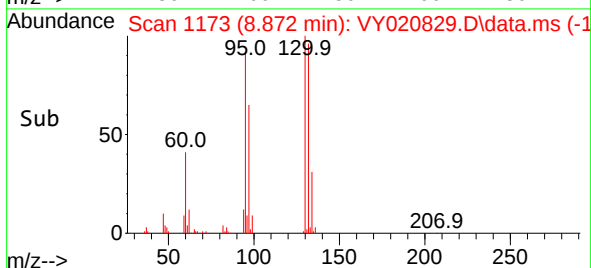
Tgt Ion: 43 Resp: 39334
Ion Ratio Lower Upper
43 100
61 32.7 26.5 39.7
87 15.7 13.4 20.0

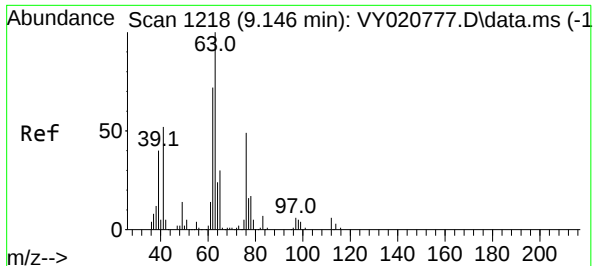


#44
Trichloroethene
Concen: 18.367 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04



Tgt Ion: 130 Resp: 40167
Ion Ratio Lower Upper
130 100
95 91.5 0.0 181.0





#45

1,2-Dichloropropane

Concen: 19.471 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

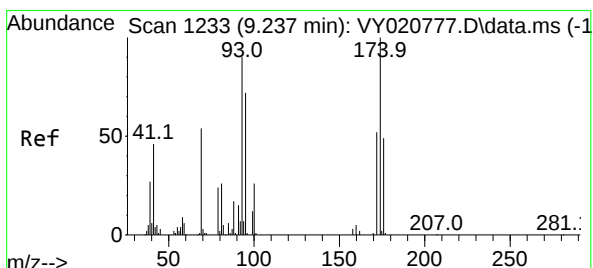
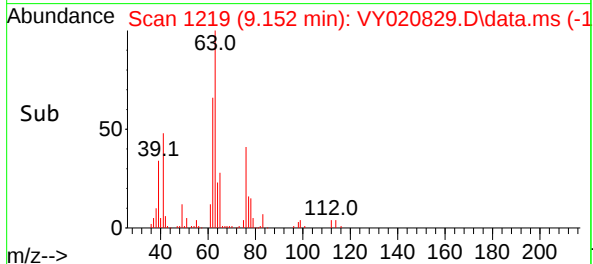
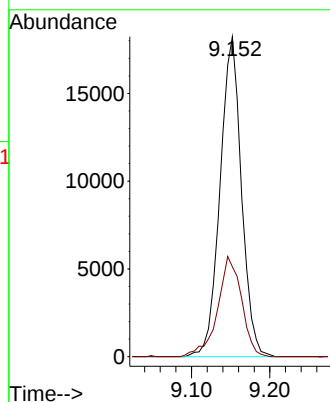
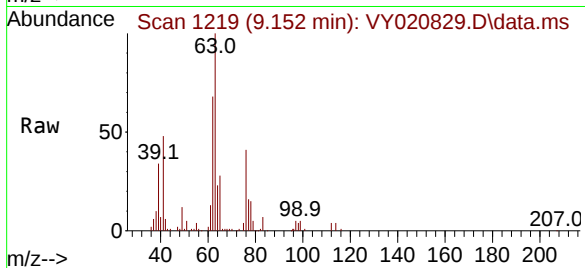
ClientSampleId :

Tgt Ion: 63 Resp: 34629

Ion Ratio Lower Upper

63 100

65 28.1 24.2 36.4



#46

Dibromomethane

Concen: 18.658 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

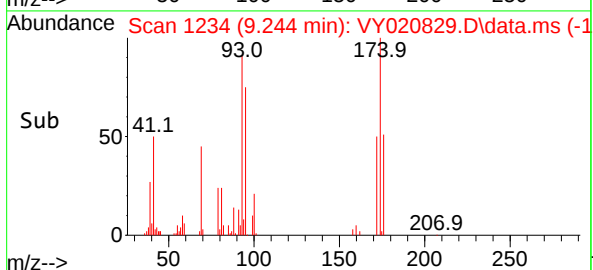
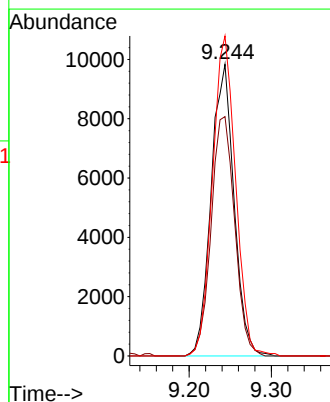
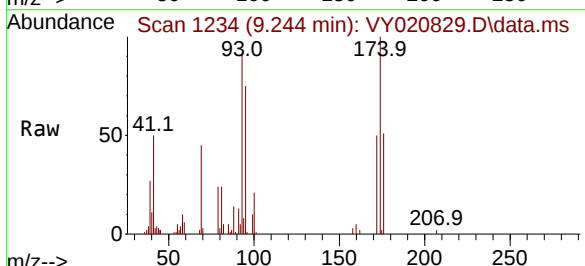
Tgt Ion: 93 Resp: 19055

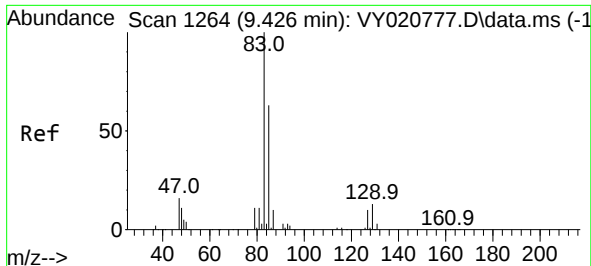
Ion Ratio Lower Upper

93 100

95 84.3 68.2 102.4

174 110.8 89.0 133.6

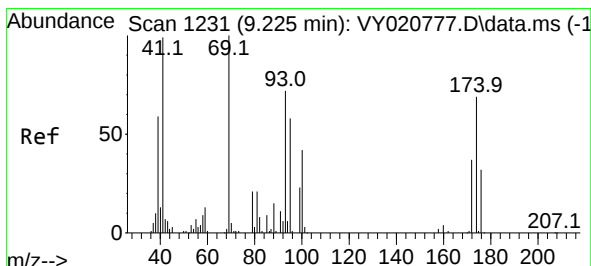
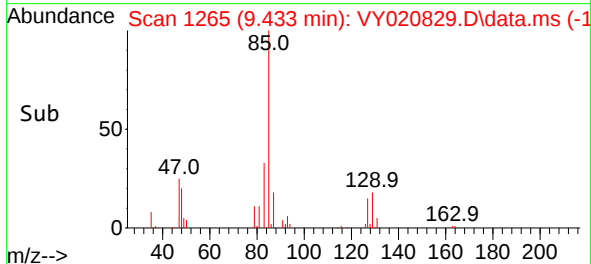
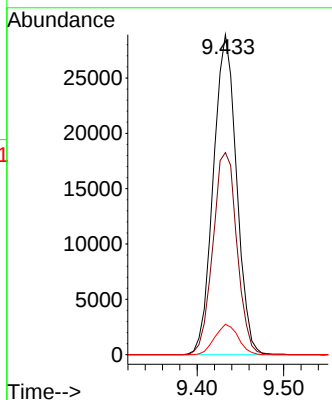
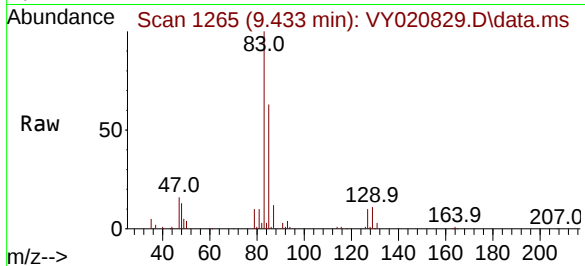




#47
Bromodichloromethane
Concen: 18.394 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

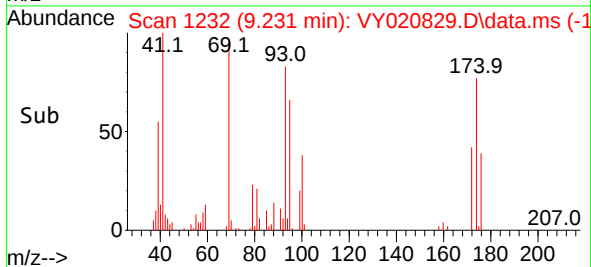
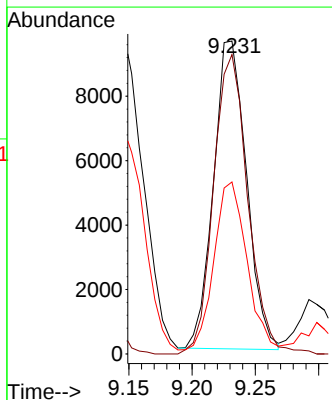
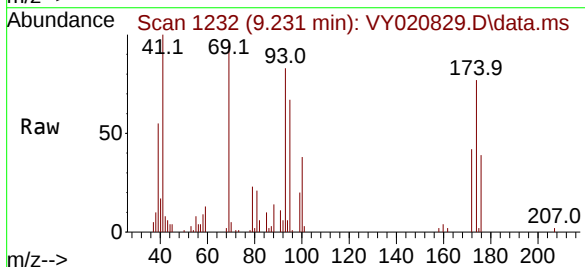
Instrument :
MSVOA_Y
ClientSampleId :

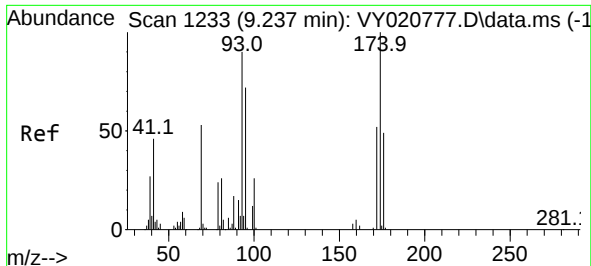
Tgt Ion: 83 Resp: 53798
Ion Ratio Lower Upper
83 100
85 63.1 50.7 76.1
127 9.5 7.9 11.9



#48
Methyl methacrylate
Concen: 18.732 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 41 Resp: 17375
Ion Ratio Lower Upper
41 100
69 100.8 78.9 118.3
39 57.0 44.6 67.0





#49

1,4-Dioxane

Concen: 361.982 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.006 min

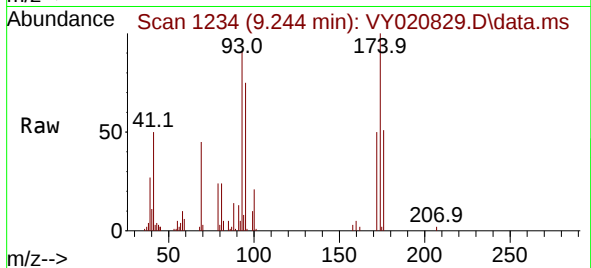
Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :



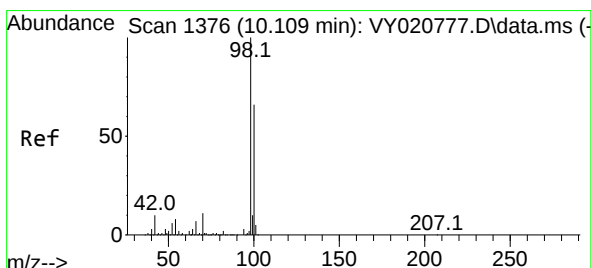
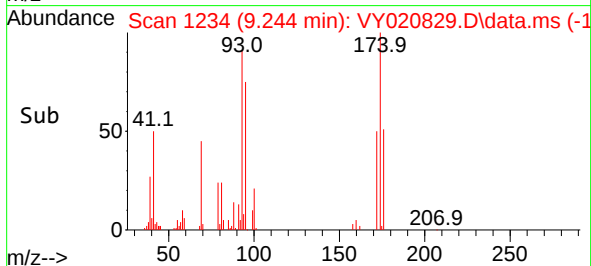
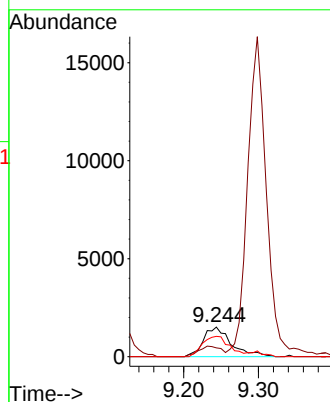
Tgt Ion: 88 Resp: 3925

Ion Ratio Lower Upper

88 100

43 28.7 24.4 36.6

58 66.1 51.0 76.6



#50

Toluene-d8

Concen: 53.800 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020829.D

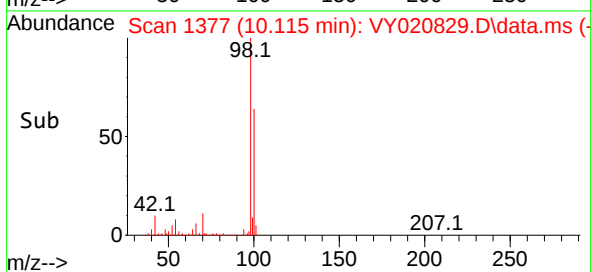
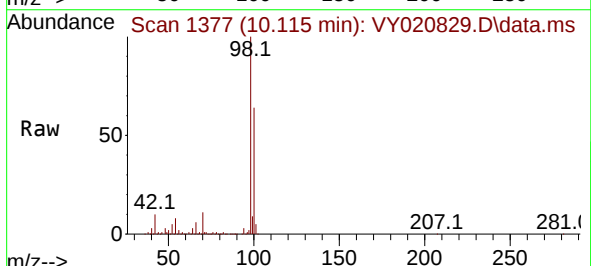
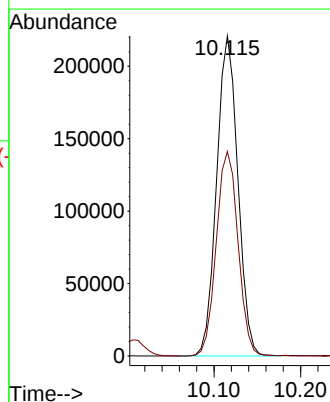
Acq: 15 Jan 2025 11:04

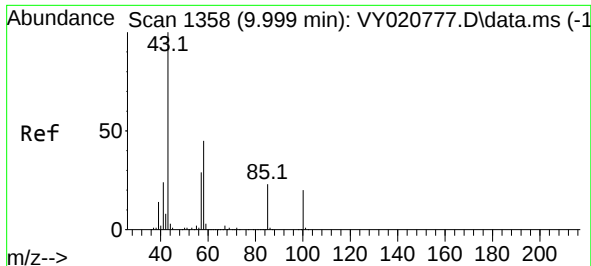
Tgt Ion: 98 Resp: 375844

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 96.834 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

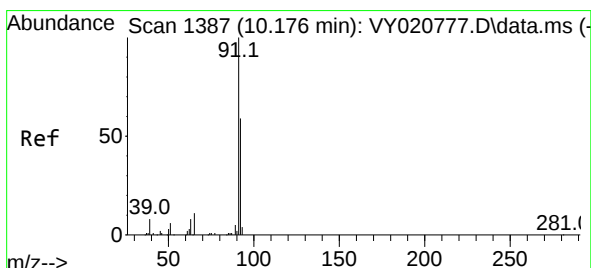
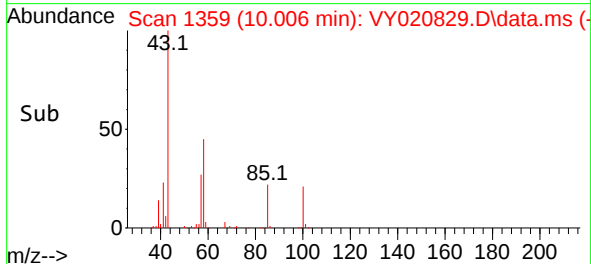
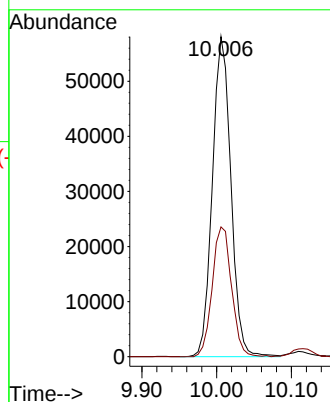
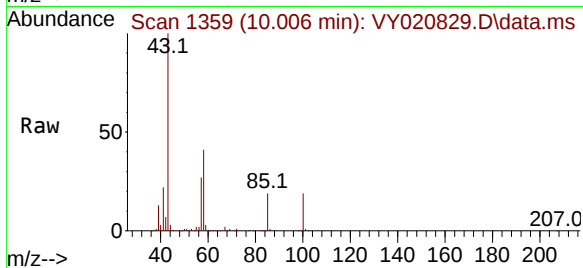
ClientSampleId :

Tgt Ion: 43 Resp: 100089

Ion Ratio Lower Upper

43 100

58 42.3 34.8 52.2



#52

Toluene

Concen: 18.799 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY020829.D

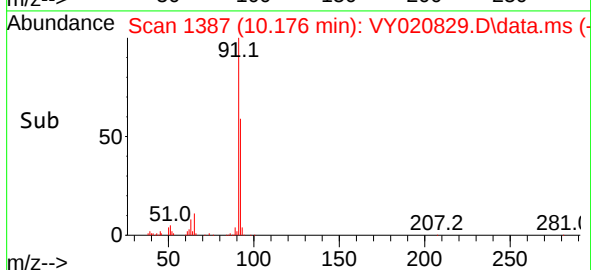
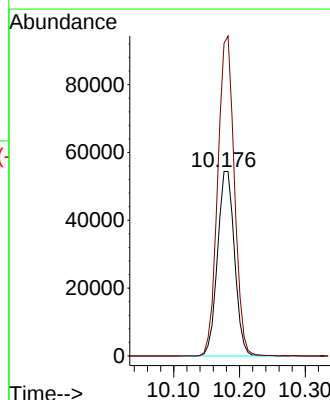
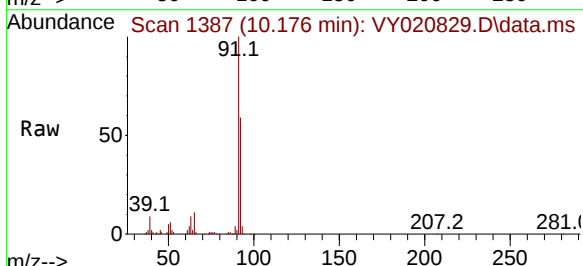
Acq: 15 Jan 2025 11:04

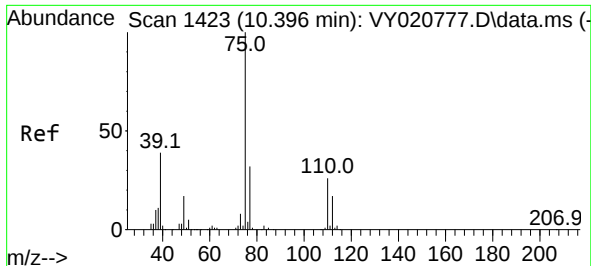
Tgt Ion: 92 Resp: 97657

Ion Ratio Lower Upper

92 100

91 170.3 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 18.475 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

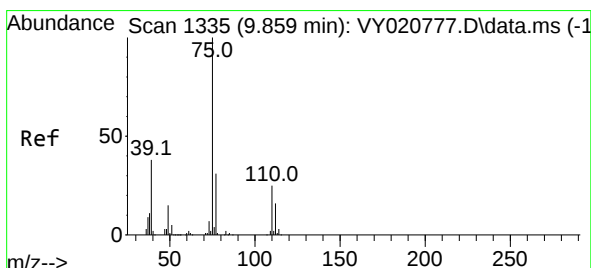
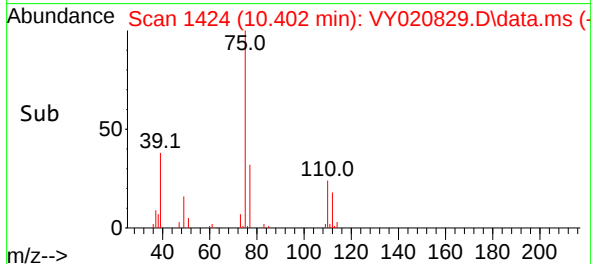
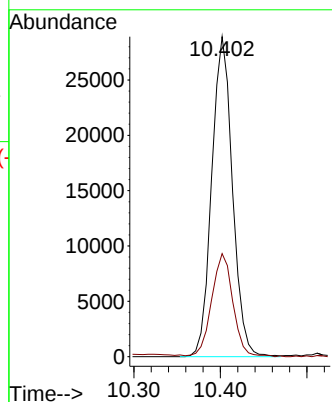
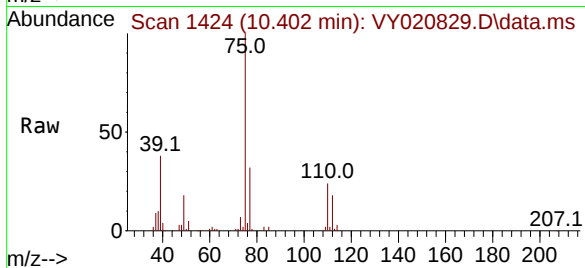
ClientSampleId :

Tgt Ion: 75 Resp: 48061

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 18.432 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

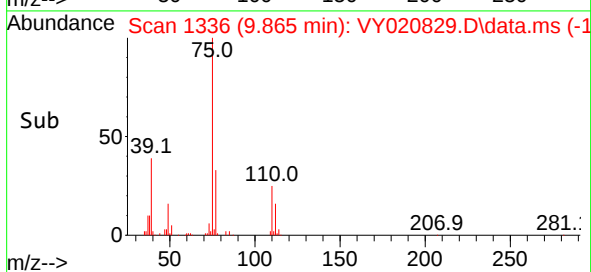
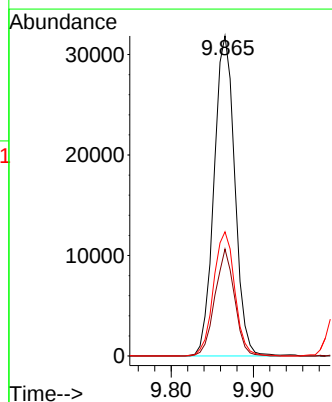
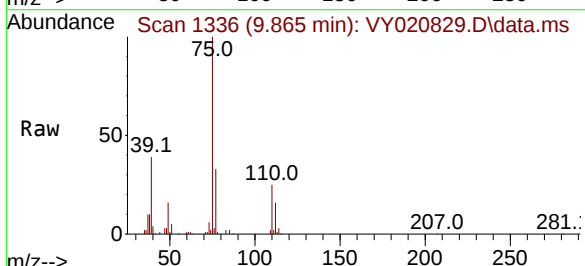
Tgt Ion: 75 Resp: 55687

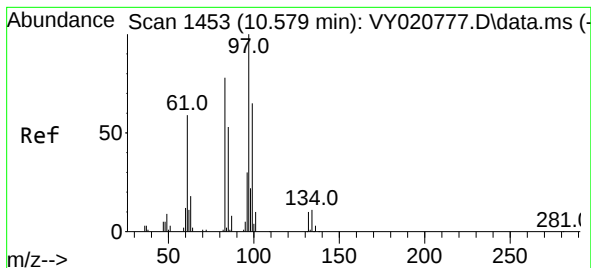
Ion Ratio Lower Upper

75 100

77 33.4 24.5 36.7

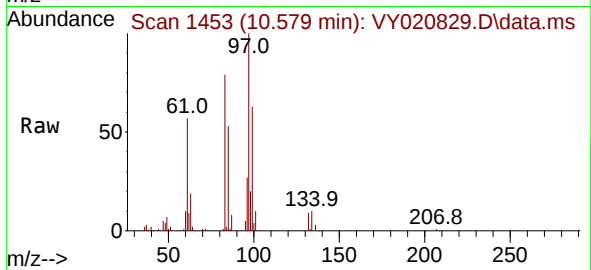
39 38.8 30.7 46.1



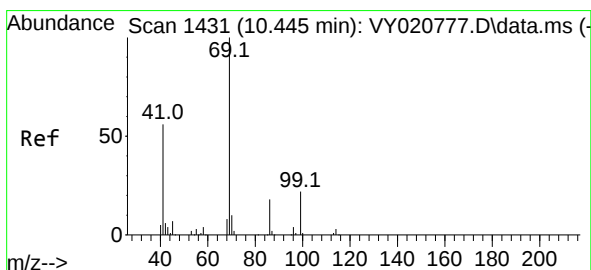
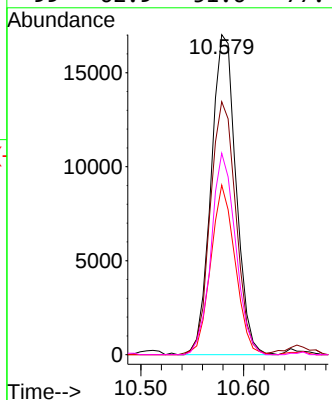
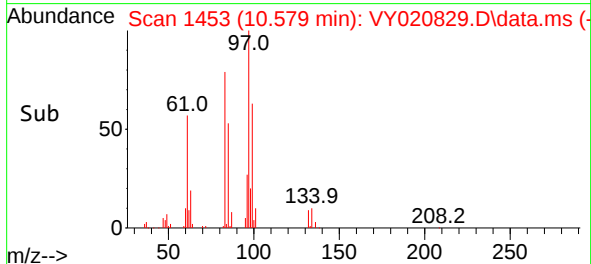


#55
1,1,2-Trichloroethane
Concen: 19.648 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

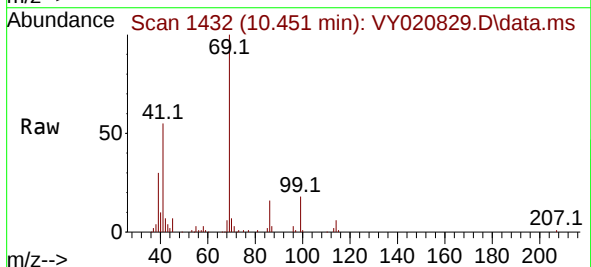
Instrument :
MSVOA_Y
ClientSampleId :



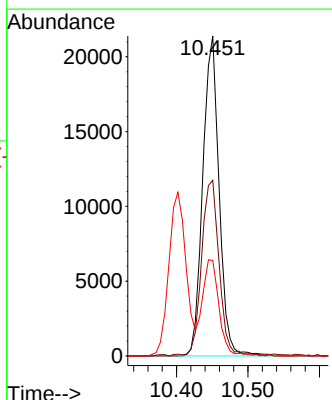
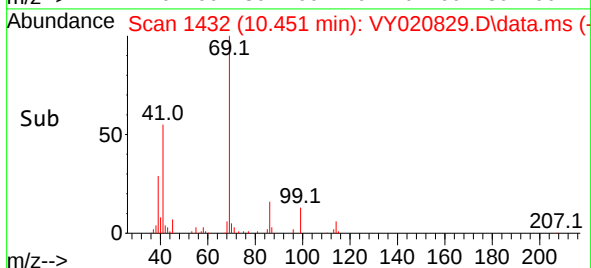
Tgt Ion: 97	Resp: 28666
Ion Ratio	Lower Upper
97 100	
83 79.1	62.8 94.2
85 53.0	42.4 63.6
99 62.9	51.6 77.4

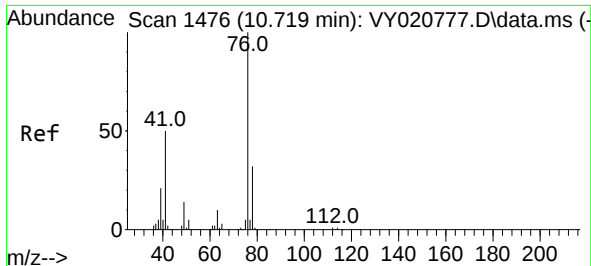


#56
Ethyl methacrylate
Concen: 18.400 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04



Tgt Ion: 69	Resp: 33904
Ion Ratio	Lower Upper
69 100	
41 59.1	46.6 69.8
39 30.6	25.7 38.5





#57

1,3-Dichloropropane

Concen: 19.099 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

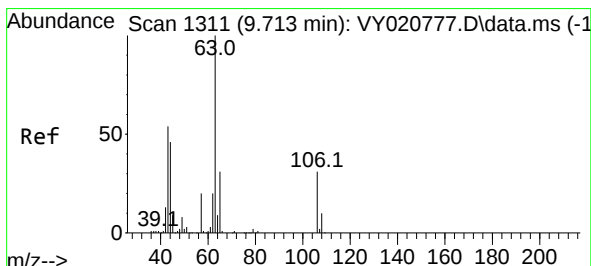
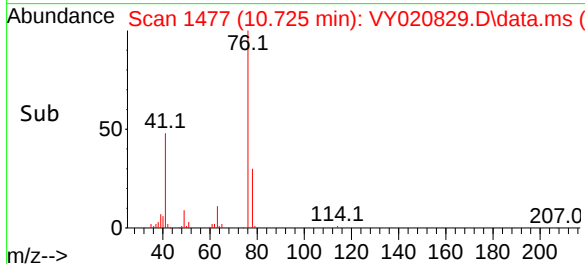
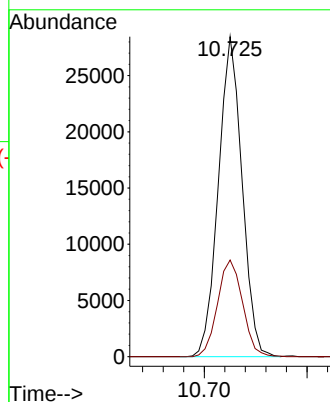
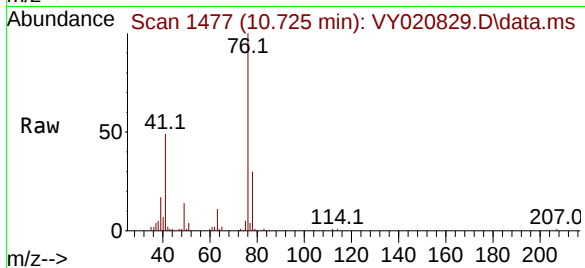
ClientSampleId :

Tgt Ion: 76 Resp: 45423

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 91.623 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020829.D

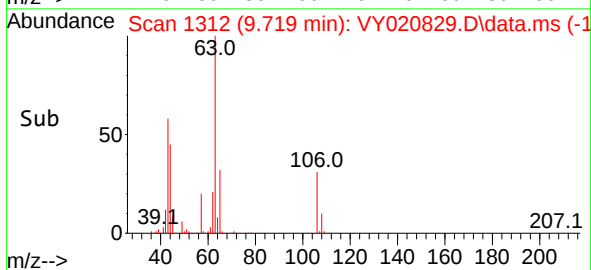
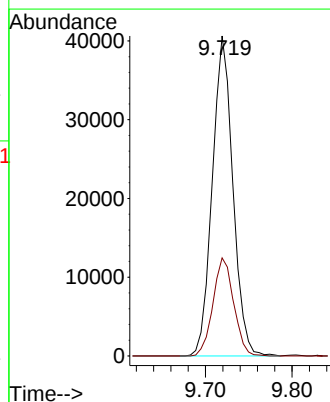
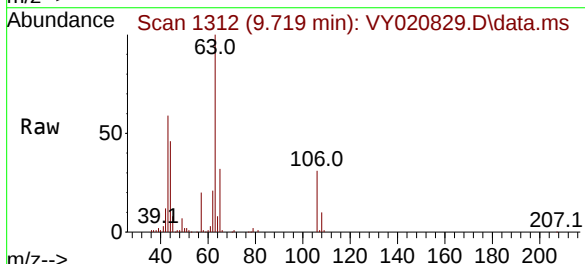
Acq: 15 Jan 2025 11:04

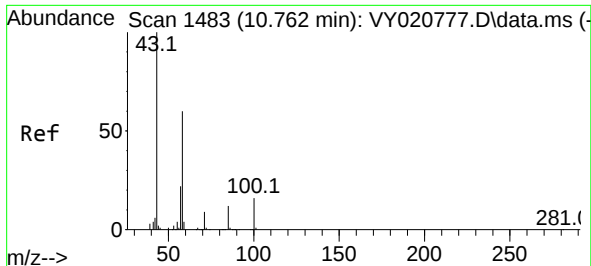
Tgt Ion: 63 Resp: 66974

Ion Ratio Lower Upper

63 100

106 30.9 25.9 38.9

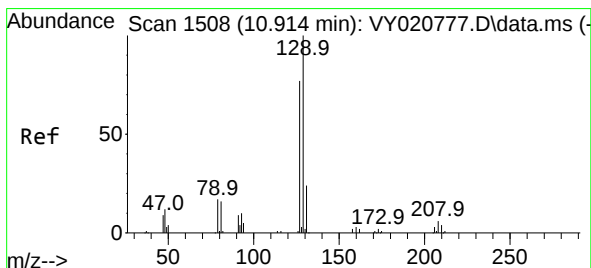
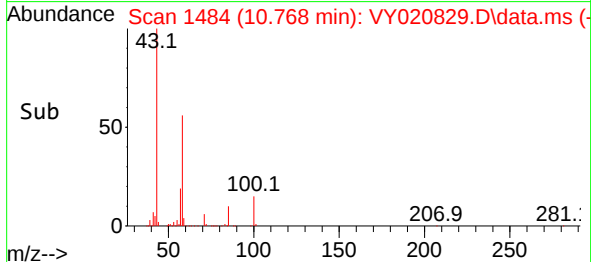
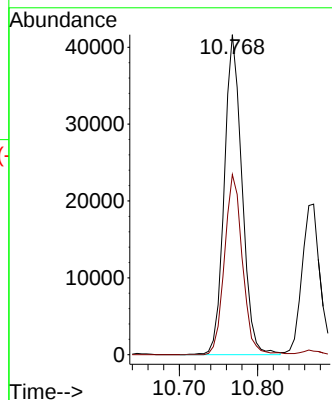
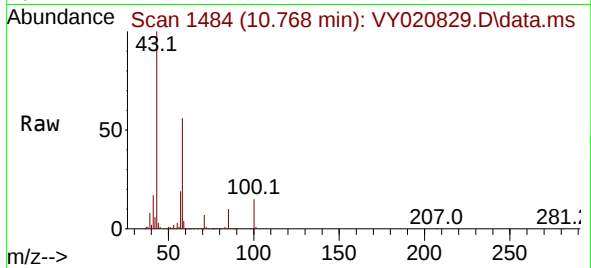




#59
2-Hexanone
Concen: 98.848 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

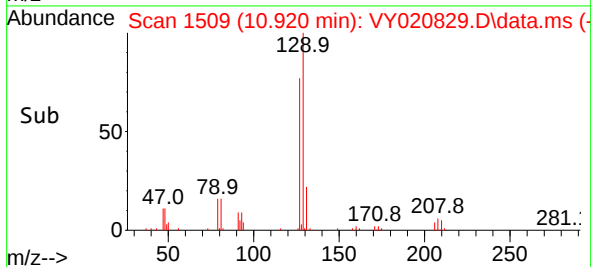
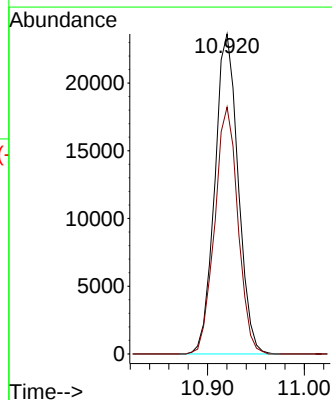
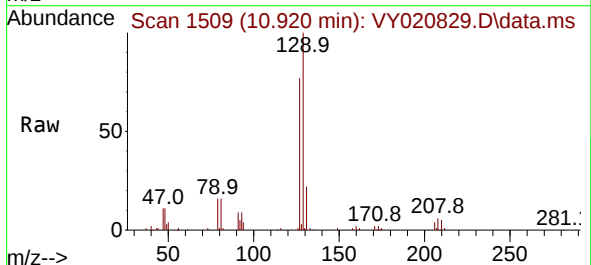
Instrument :
MSVOA_Y
ClientSampleId :

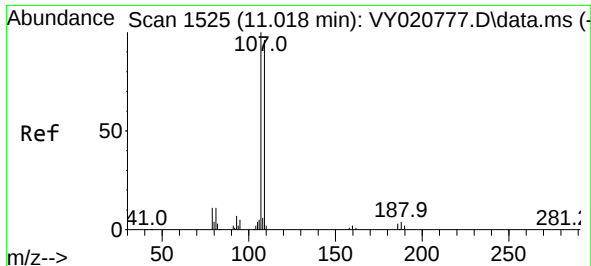
Tgt Ion: 43 Resp: 65547
Ion Ratio Lower Upper
43 100
58 57.1 30.6 92.0



#60
Dibromochloromethane
Concen: 18.732 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 129 Resp: 39637
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9

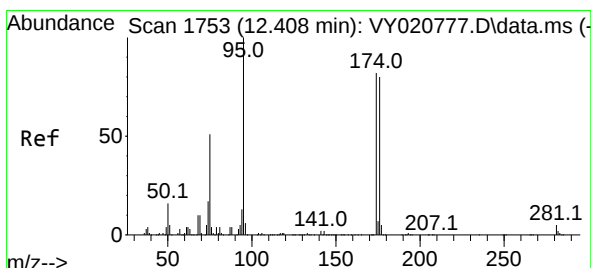
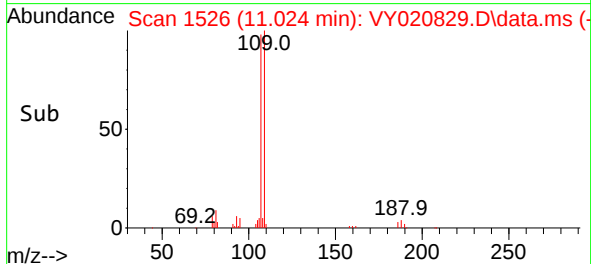
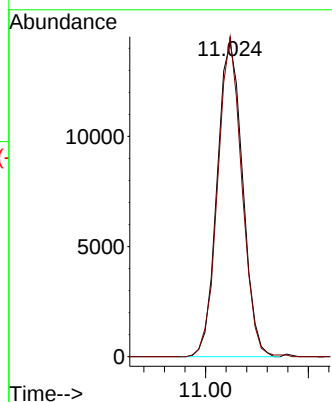
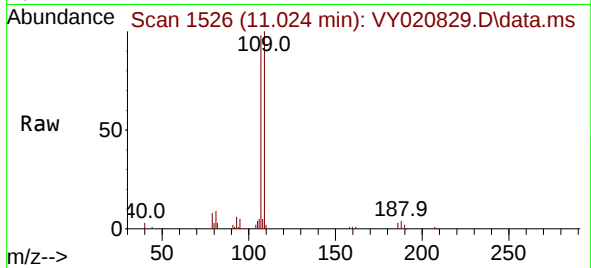




#61
1,2-Dibromoethane
Concen: 18.755 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

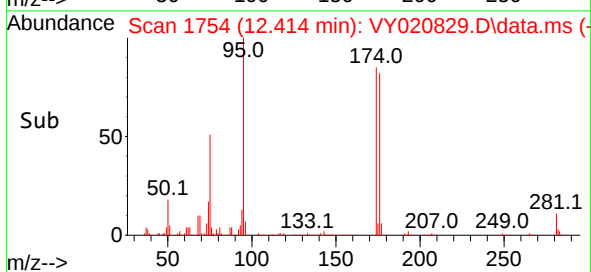
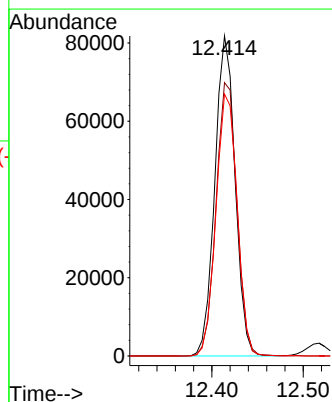
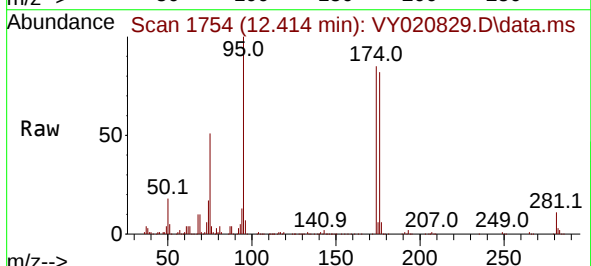
Instrument :
MSVOA_Y
ClientSampleId :

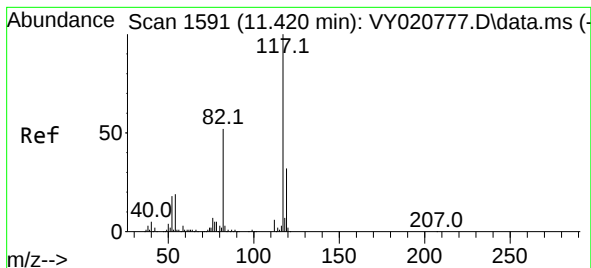
Tgt Ion:107 Resp: 24566
Ion Ratio Lower Upper
107 100
109 96.5 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 48.878 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 95 Resp: 126095
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.0
176 85.6 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

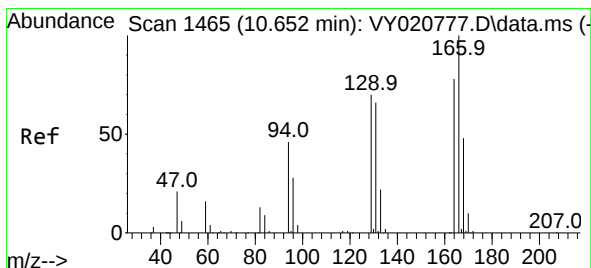
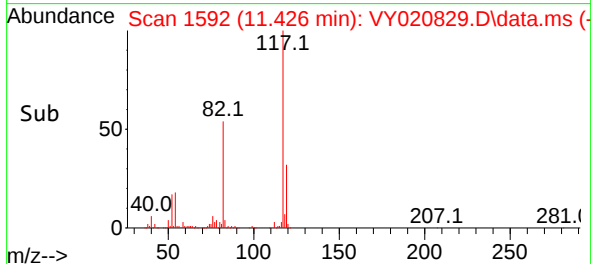
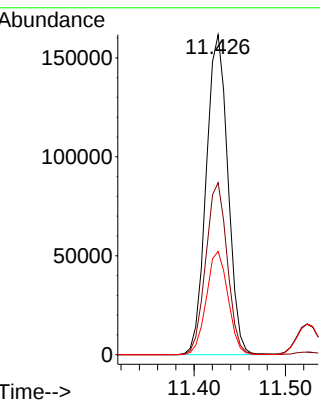
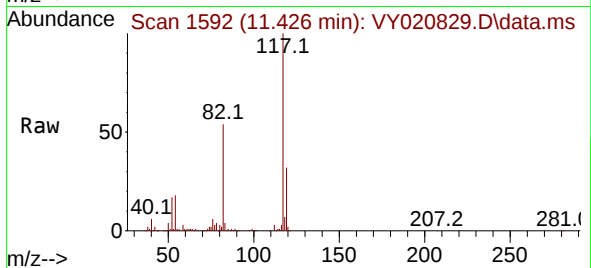
Tgt Ion:117 Resp: 266684

Ion Ratio Lower Upper

117 100

82 53.7 41.8 62.6

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 18.383 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Tgt Ion:164 Resp: 36043

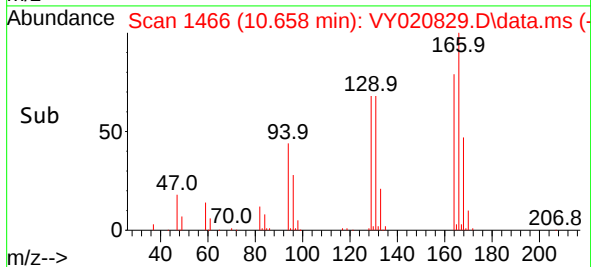
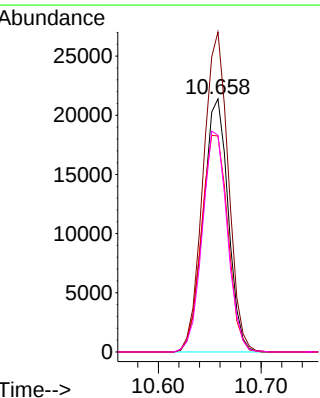
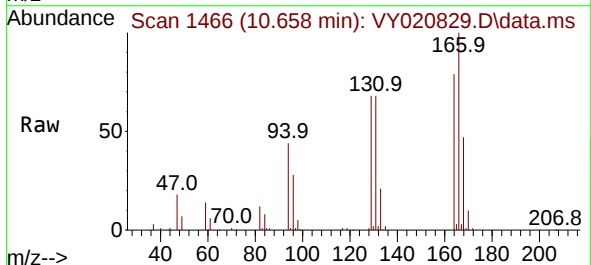
Ion Ratio Lower Upper

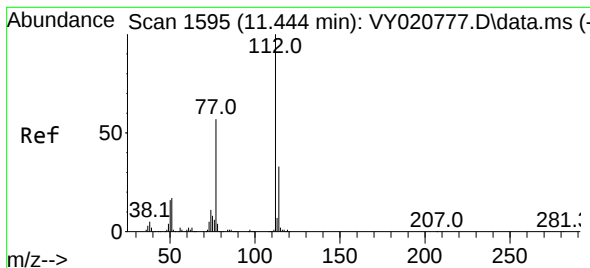
164 100

166 126.4 102.0 153.0

129 85.4 71.4 107.2

131 85.6 67.8 101.6





#65

Chlorobenzene

Concen: 18.568 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

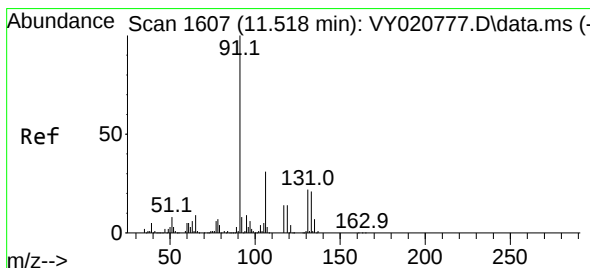
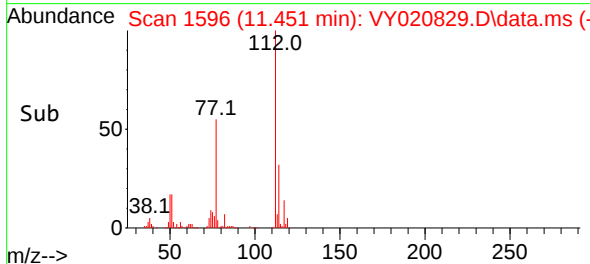
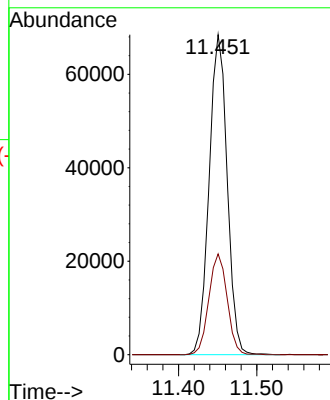
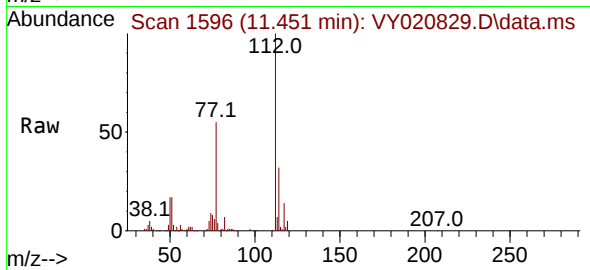
ClientSampleId :

Tgt Ion:112 Resp: 109486

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 18.148 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

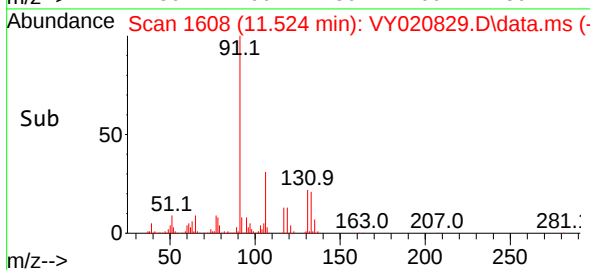
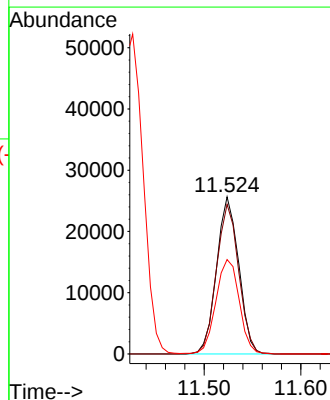
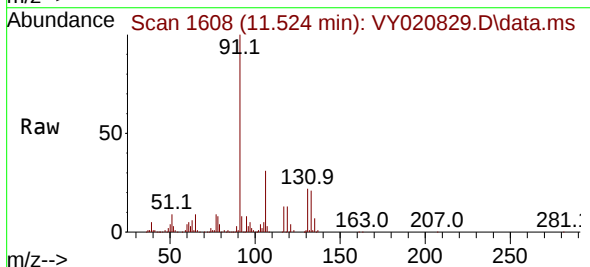
Tgt Ion:131 Resp: 40736

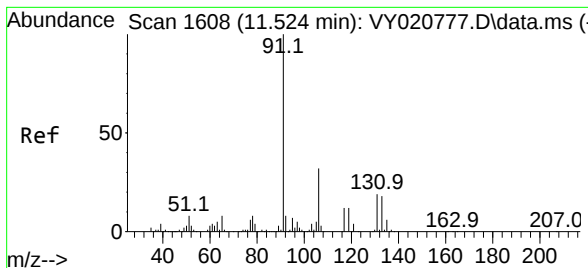
Ion Ratio Lower Upper

131 100

133 96.3 46.9 140.8

119 63.5 30.2 90.6





#67

Ethyl Benzene

Concen: 18.613 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

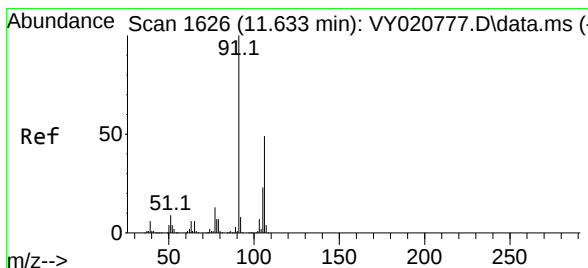
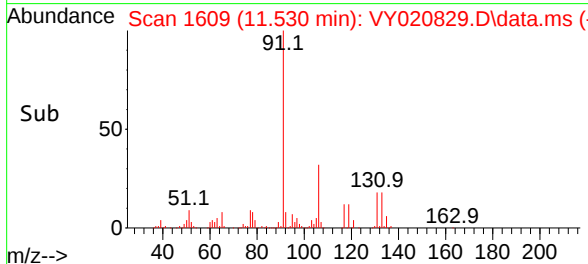
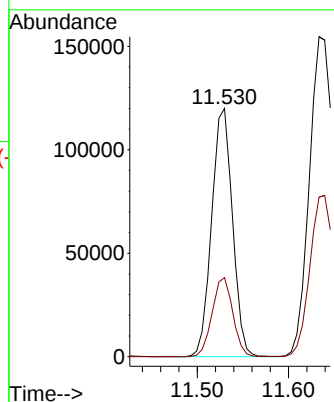
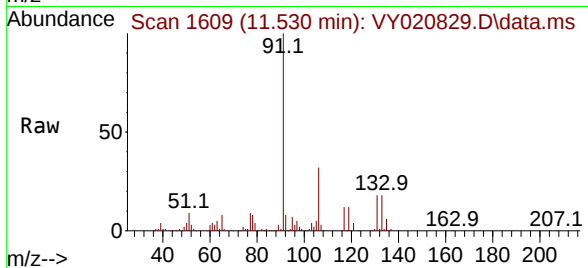
ClientSampleId :

Tgt Ion: 91 Resp: 190011

Ion Ratio Lower Upper

91 100

106 31.8 25.5 38.3



#68

m/p-Xylenes

Concen: 36.993 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020829.D

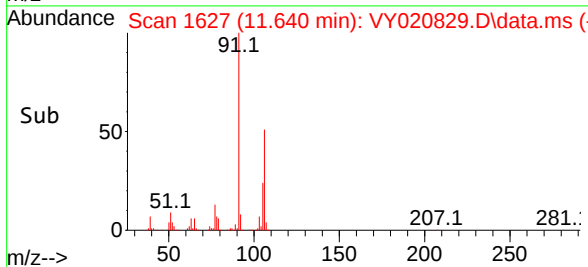
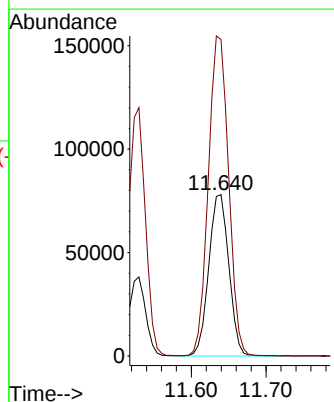
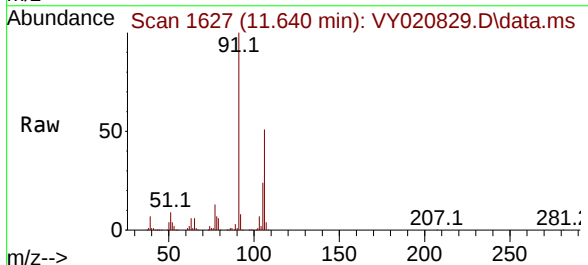
Acq: 15 Jan 2025 11:04

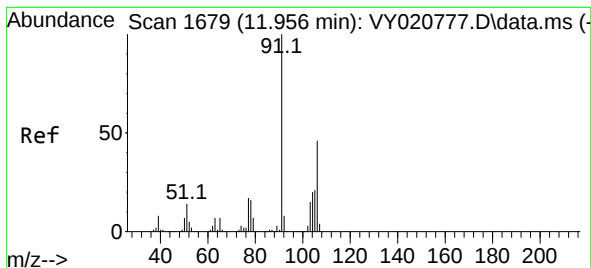
Tgt Ion:106 Resp: 145399

Ion Ratio Lower Upper

106 100

91 200.0 162.6 243.8





#69

o-Xylene

Concen: 18.286 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

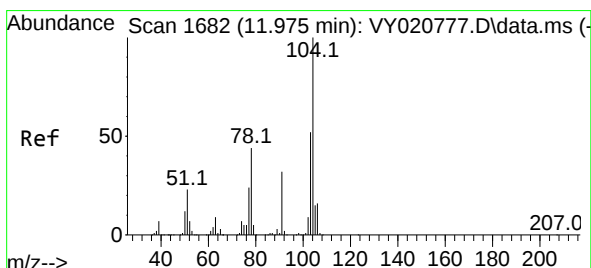
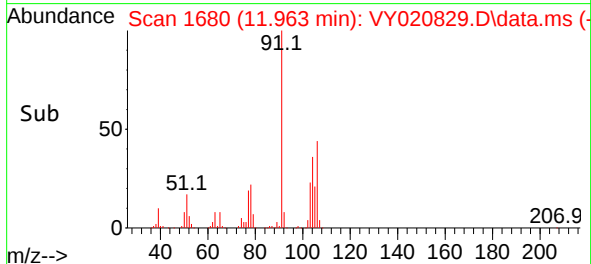
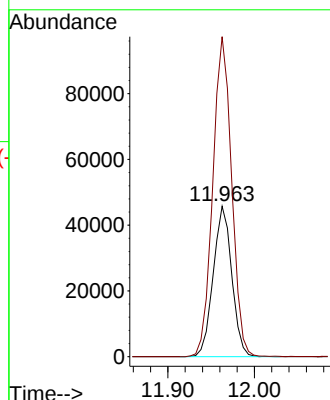
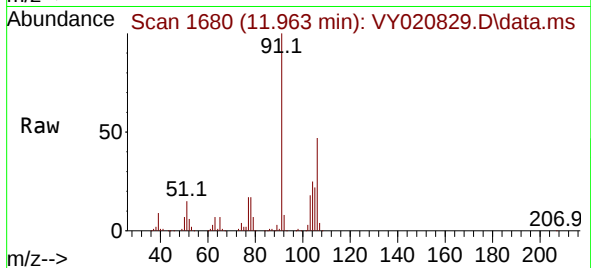
ClientSampleId :

Tgt Ion:106 Resp: 68147

Ion Ratio Lower Upper

106 100

91 216.3 108.2 324.6



#70

Styrene

Concen: 18.520 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

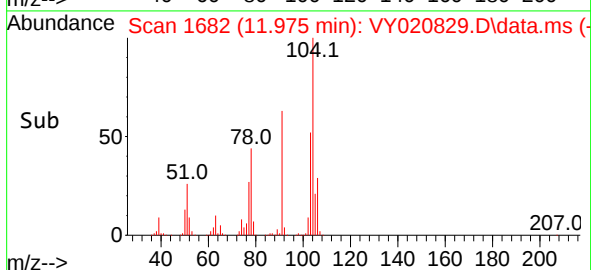
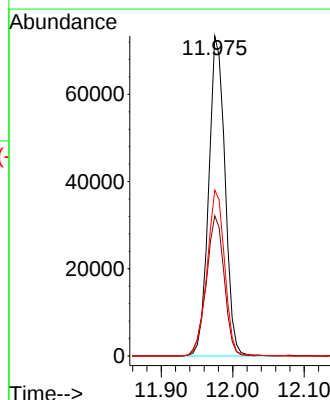
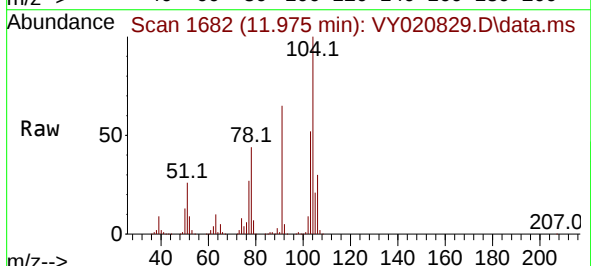
Tgt Ion:104 Resp: 116182

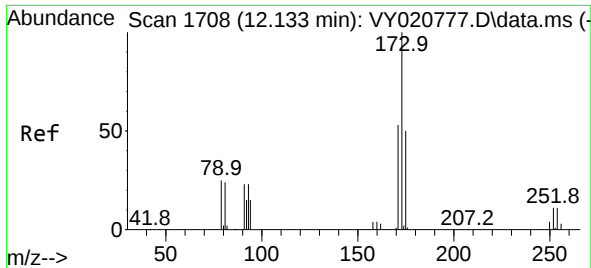
Ion Ratio Lower Upper

104 100

78 48.2 39.4 59.2

103 56.1 44.0 66.0

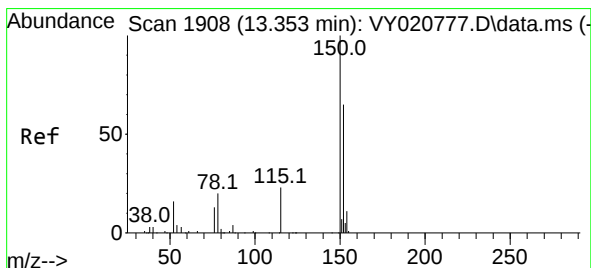
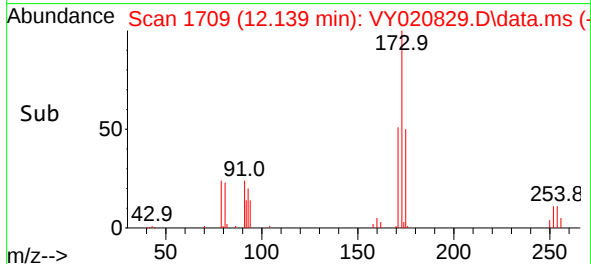
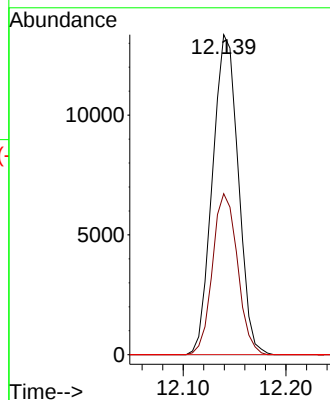
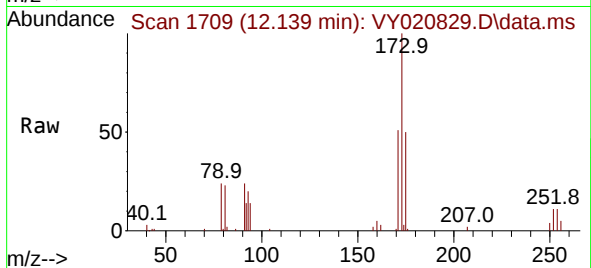




#71
Bromoform
Concen: 18.227 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

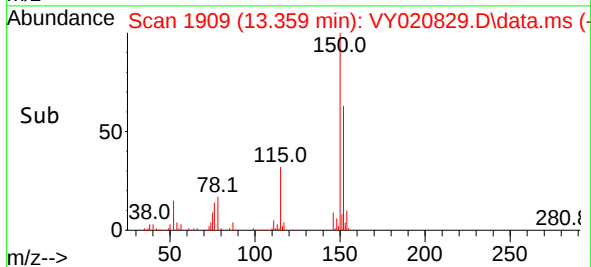
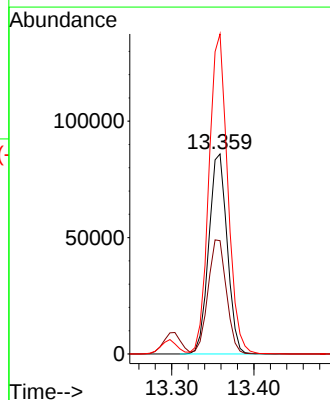
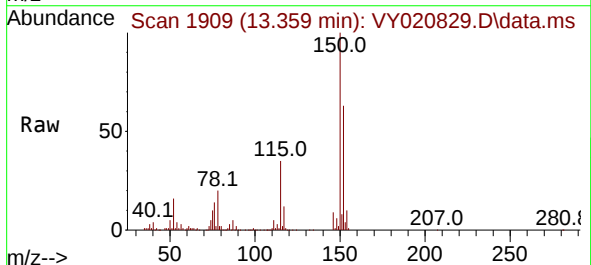
Instrument :
MSVOA_Y
ClientSampleId :

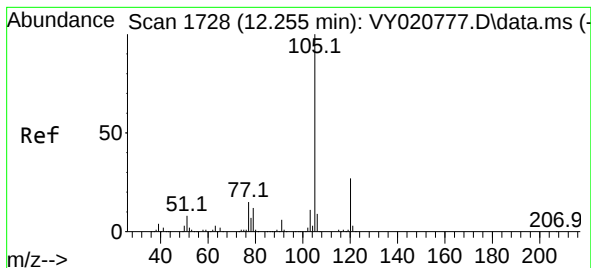
Tgt Ion:173 Resp: 23259
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion:152 Resp: 133438
Ion Ratio Lower Upper
152 100
115 57.3 29.0 87.0
150 163.4 0.0 347.4





#73

Isopropylbenzene

Concen: 17.985 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

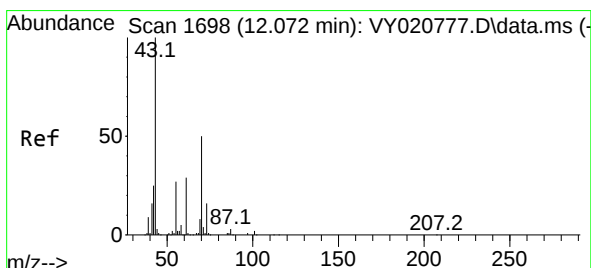
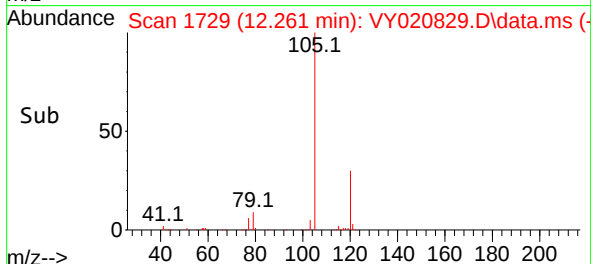
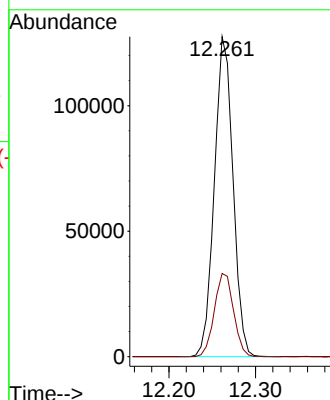
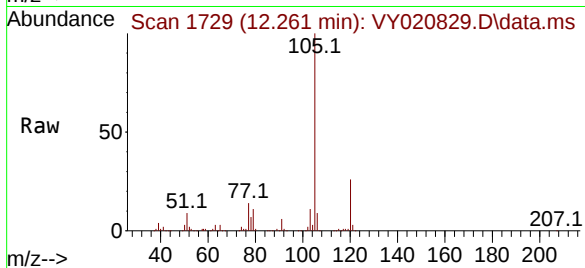
ClientSampleId :

Tgt Ion:105 Resp: 190391

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 18.842 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Tgt Ion: 43 Resp: 32627

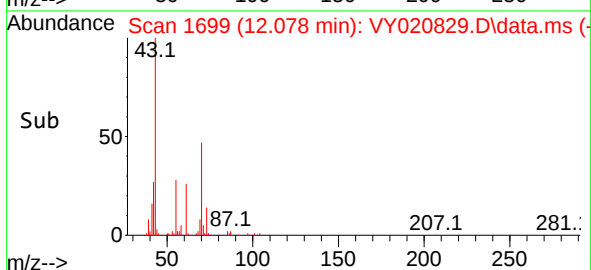
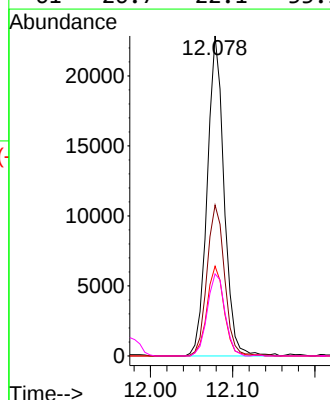
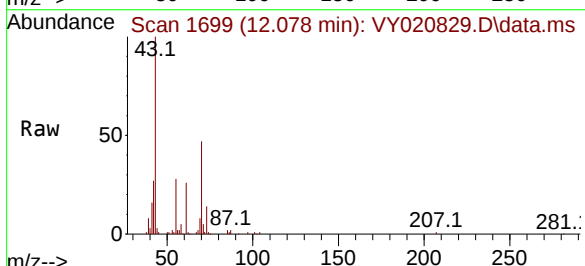
Ion Ratio Lower Upper

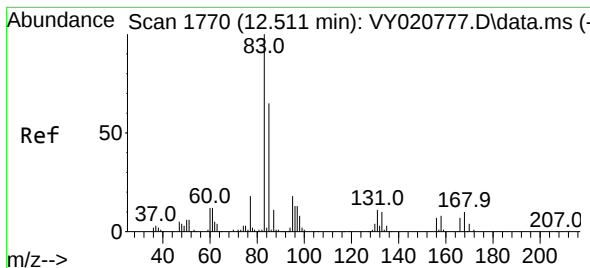
43 100

70 49.1 40.2 60.4

55 28.5 21.2 31.8

61 26.7 22.1 33.1





#75

1,1,2-Tetrachloroethane

Concen: 18.667 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY020829.D

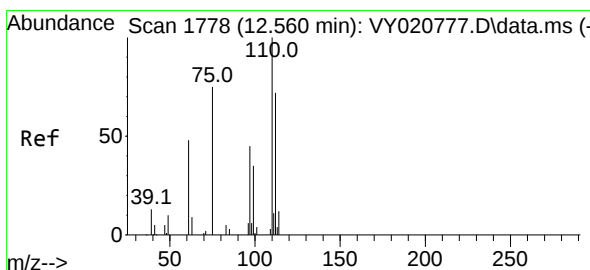
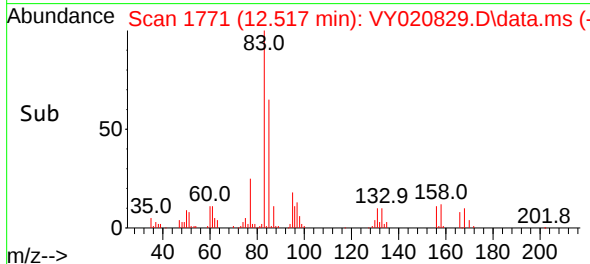
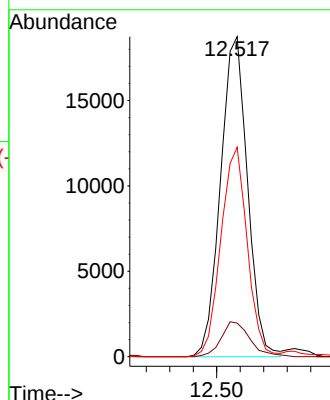
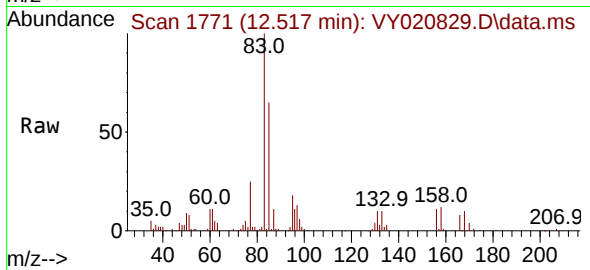
Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 29950
Ion Ratio	Lower Upper
83	100
131	11.6 6.0 18.0
85	63.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 33.053 ug/l

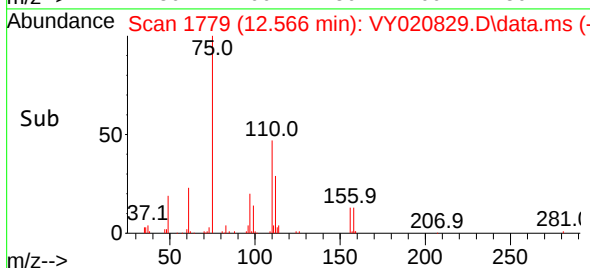
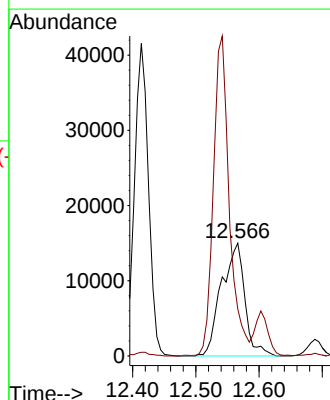
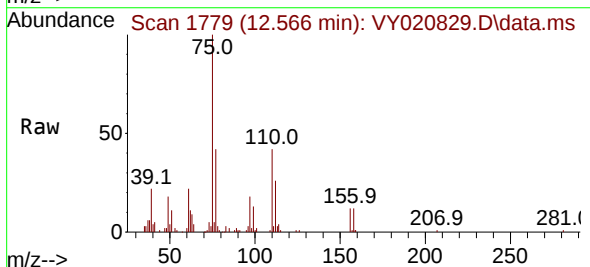
RT: 12.566 min Scan# 1779

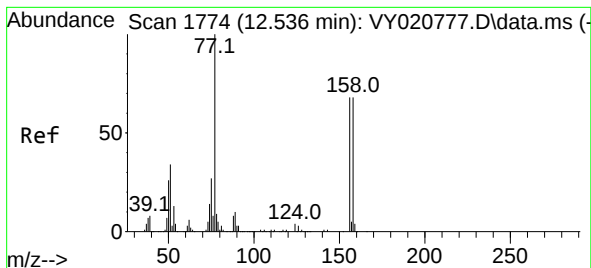
Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Tgt Ion: 75	Resp: 38591
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.958 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

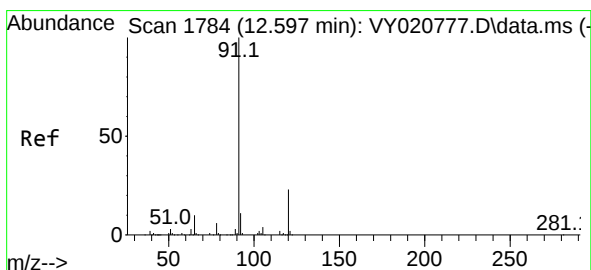
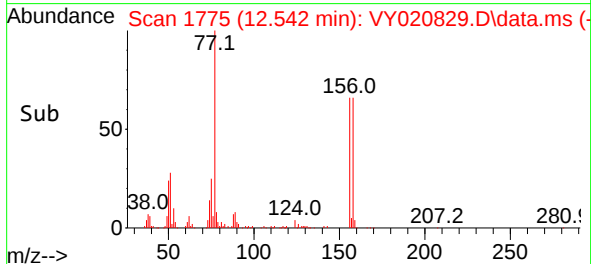
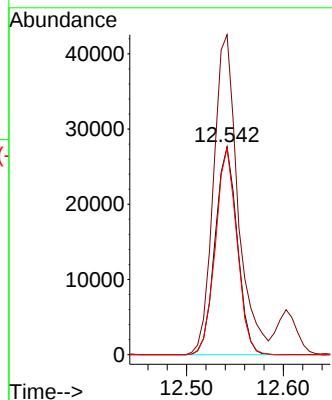
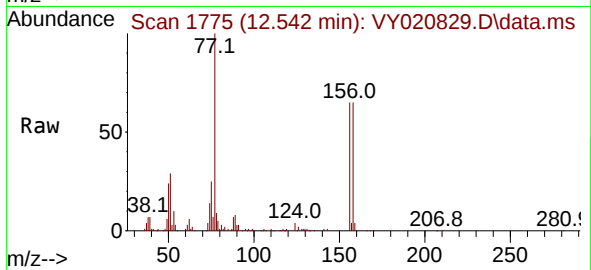
Tgt Ion:156 Resp: 43830

Ion Ratio Lower Upper

156 100

77 170.5 82.3 247.0

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 18.676 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020829.D

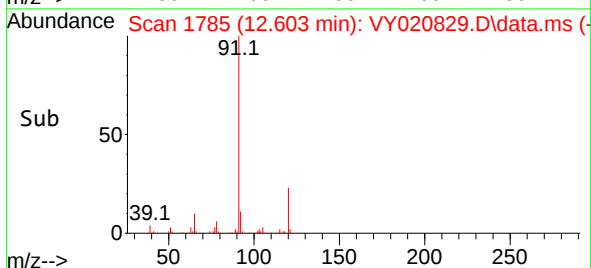
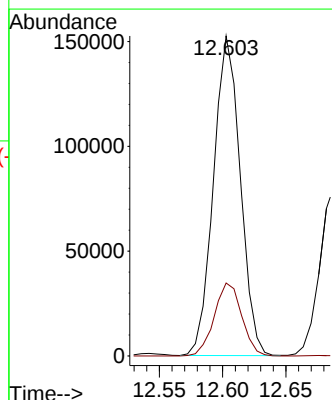
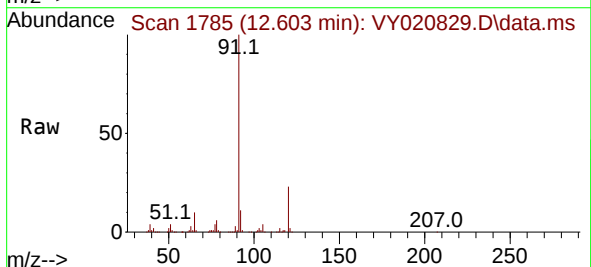
Acq: 15 Jan 2025 11:04

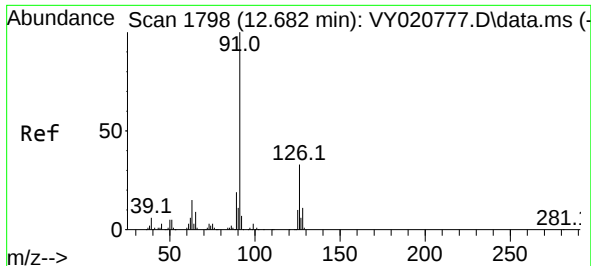
Tgt Ion: 91 Resp: 224402

Ion Ratio Lower Upper

91 100

120 23.3 12.0 36.1

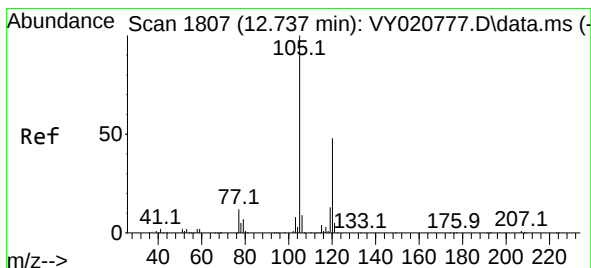
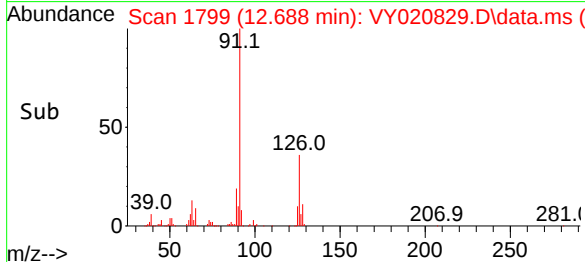
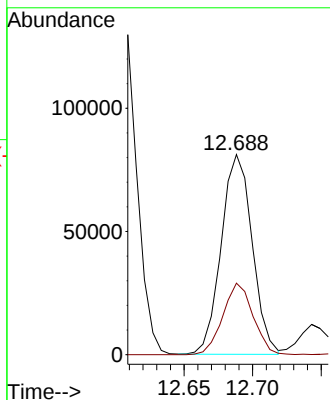
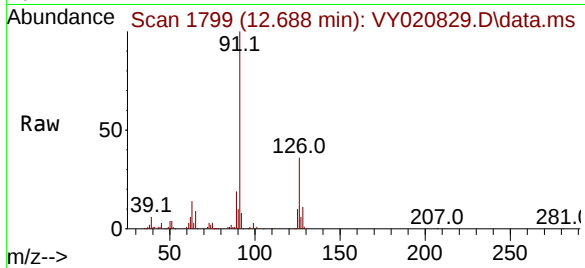




#79
2-Chlorotoluene
Concen: 18.437 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

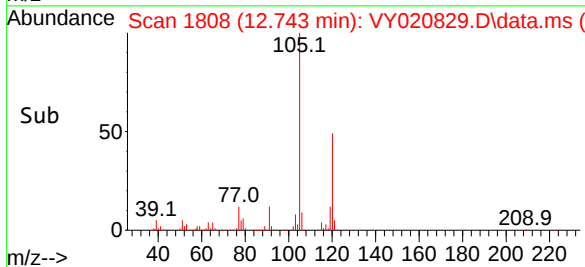
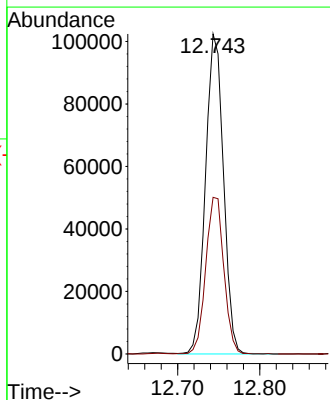
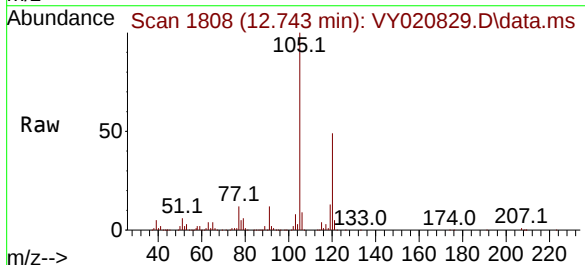
Instrument :
MSVOA_Y
ClientSampleId :

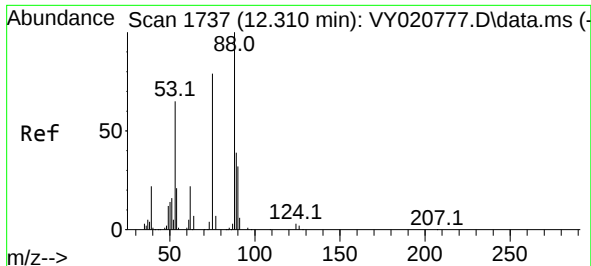
Tgt Ion: 91 Resp: 127568
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 18.099 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 105 Resp: 155273
Ion Ratio Lower Upper
105 100
120 49.5 24.5 73.5

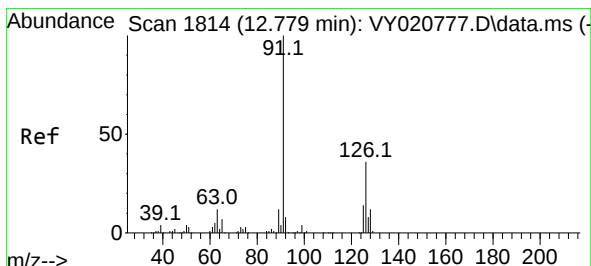
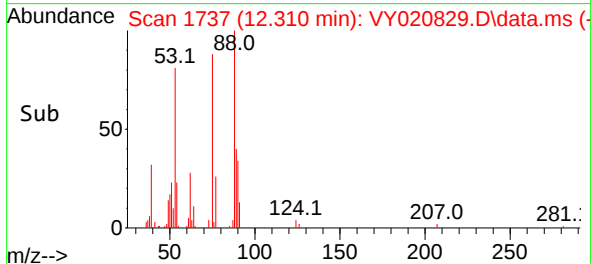
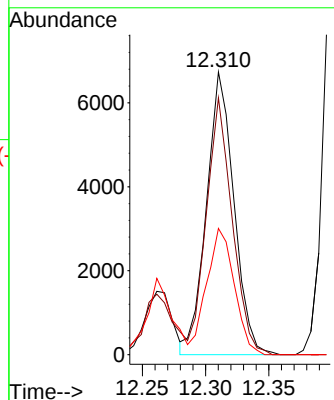
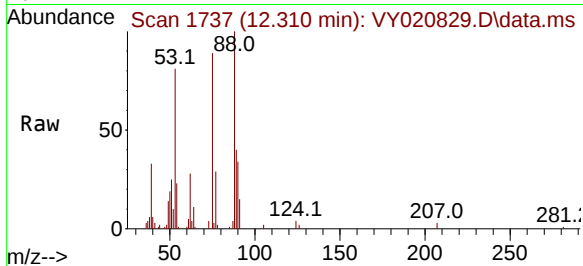




#81
trans-1,4-Dichloro-2-butene
Concen: 18.379 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

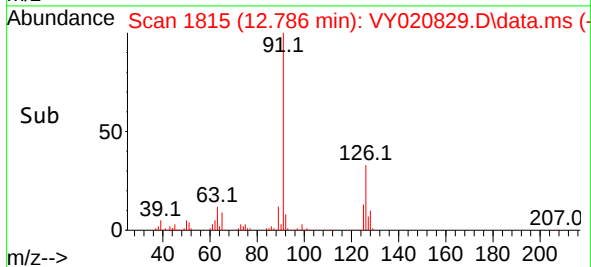
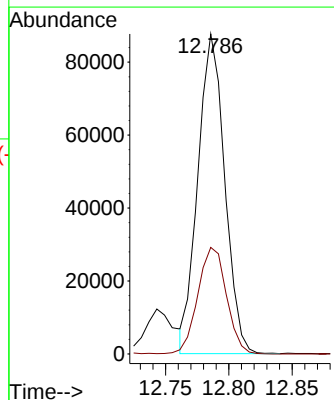
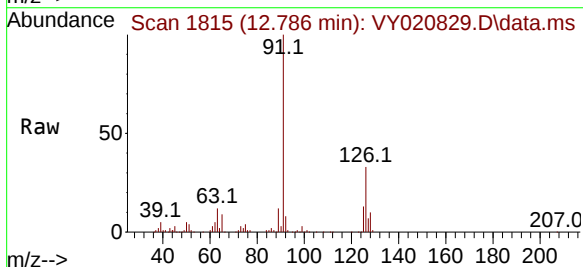
Instrument :
MSVOA_Y
ClientSampleId :

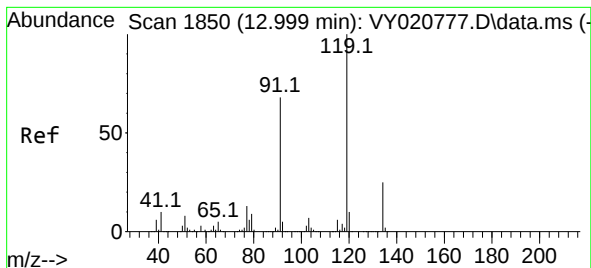
Tgt Ion: 75 Resp: 10177
Ion Ratio Lower Upper
75 100
53 85.2 69.4 104.0
89 45.0 39.6 59.4



#82
4-Chlorotoluene
Concen: 18.085 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion: 91 Resp: 129142
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7





#83

tert-Butylbenzene

Concen: 18.103 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

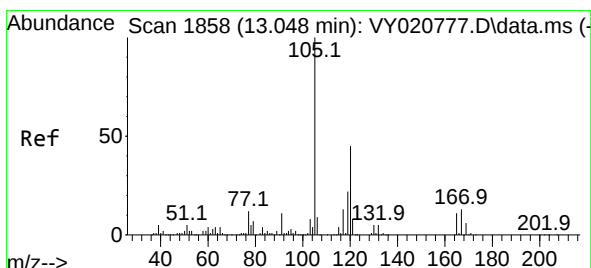
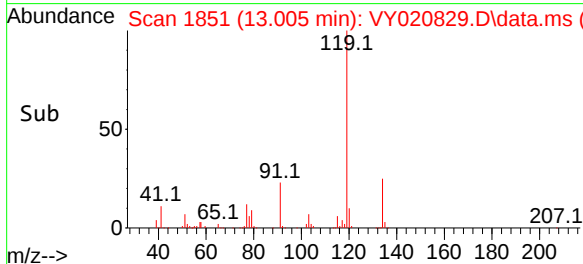
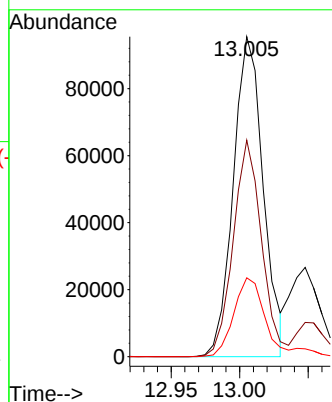
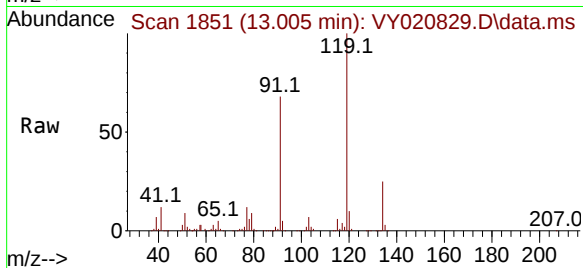
Tgt Ion:119 Resp: 145253

Ion Ratio Lower Upper

119 100

91 64.3 33.0 98.9

134 26.9 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 18.263 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020829.D

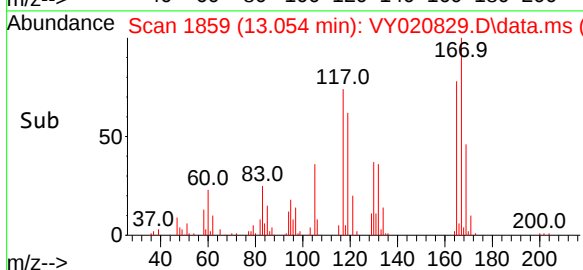
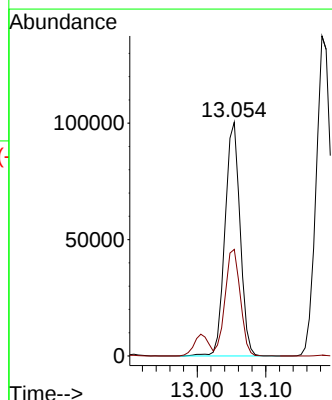
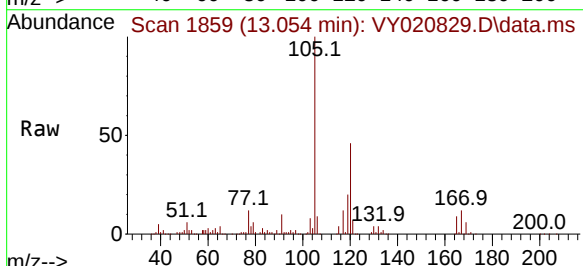
Acq: 15 Jan 2025 11:04

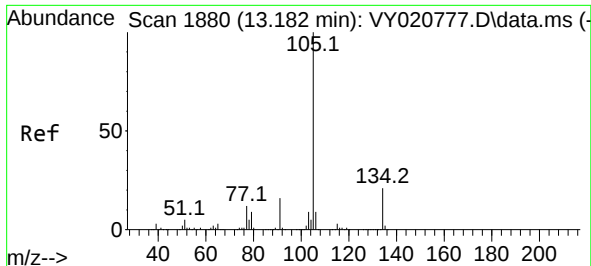
Tgt Ion:105 Resp: 152998

Ion Ratio Lower Upper

105 100

120 45.9 22.4 67.2

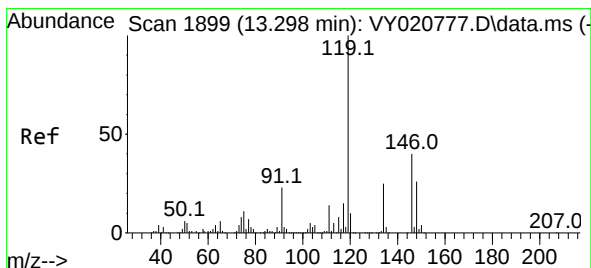
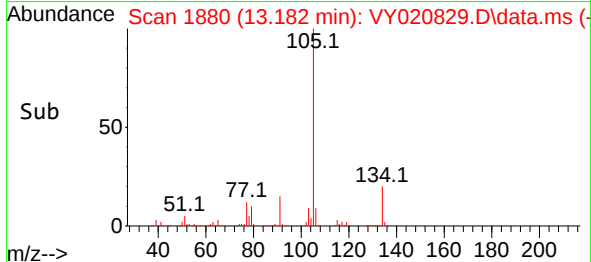
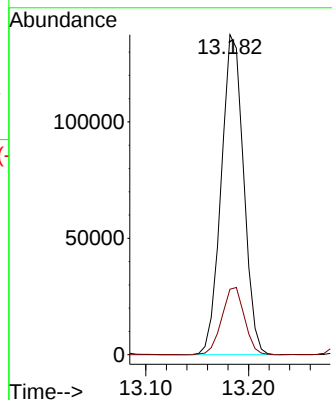
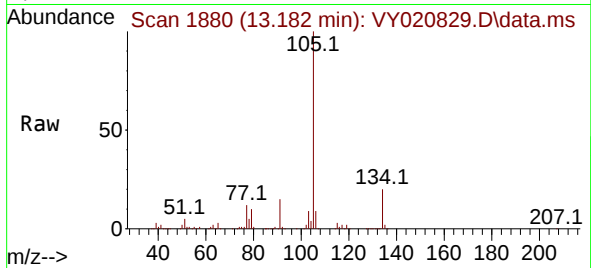




#85
sec-Butylbenzene
Concen: 18.549 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

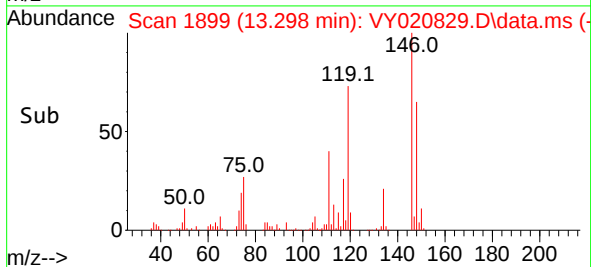
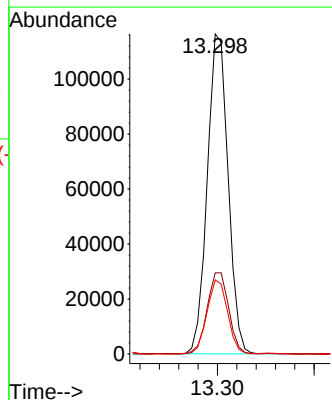
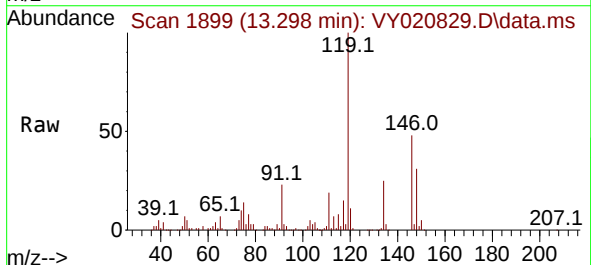
Instrument :
MSVOA_Y
ClientSampleId :

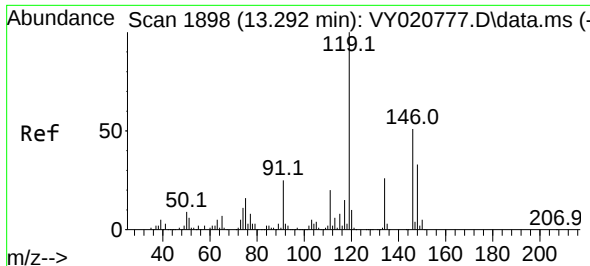
Tgt Ion:105 Resp: 207886
Ion Ratio Lower Upper
105 100
134 21.2 10.5 31.5



#86
p-Isopropyltoluene
Concen: 18.225 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion:119 Resp: 174252
Ion Ratio Lower Upper
119 100
134 26.2 13.0 38.9
91 23.1 11.8 35.3

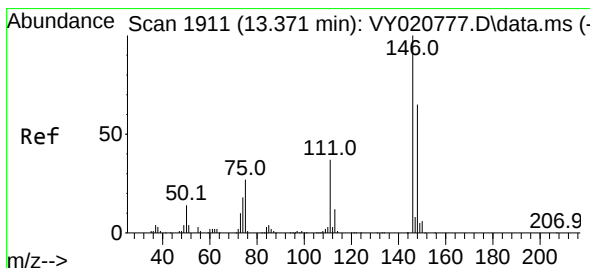
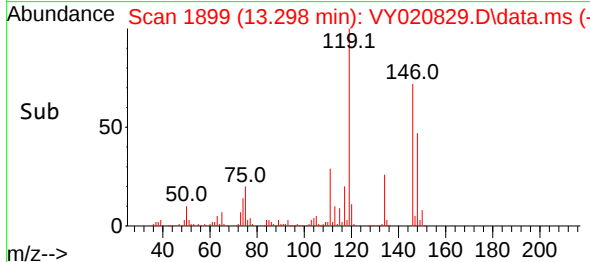
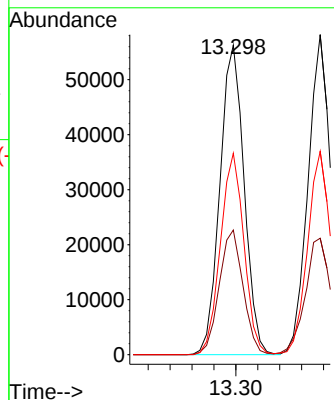
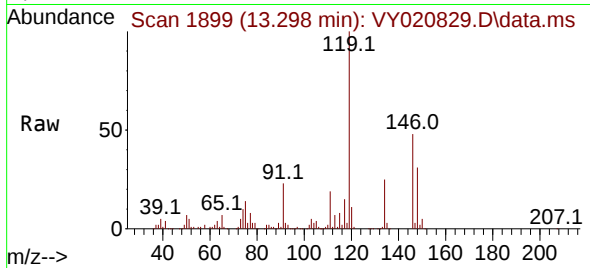




#87
 1,3-Dichlorobenzene
 Concen: 18.220 ug/l
 RT: 13.298 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY020829.D
 Acq: 15 Jan 2025 11:04

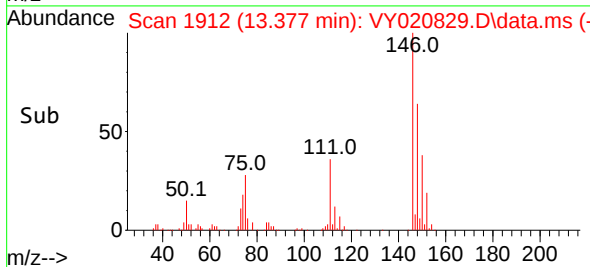
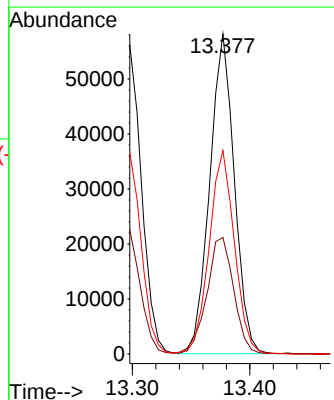
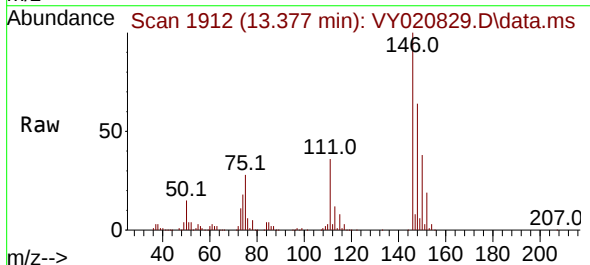
Instrument :
 MSVOA_Y
 ClientSampleId :

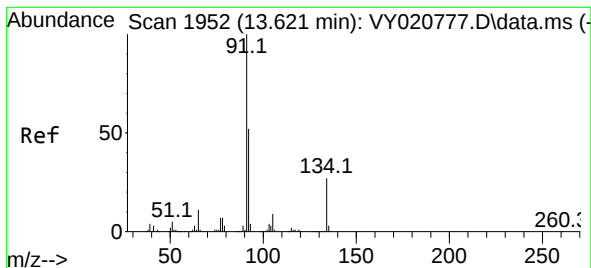
Tgt Ion:146 Resp: 86405
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.5 58.5
 148 63.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.144 ug/l
 RT: 13.377 min Scan# 1912
 Delta R.T. 0.006 min
 Lab File: VY020829.D
 Acq: 15 Jan 2025 11:04

Tgt Ion:146 Resp: 84697
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.1 57.3
 148 65.2 32.1 96.5





#89

n-Butylbenzene

Concen: 18.575 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

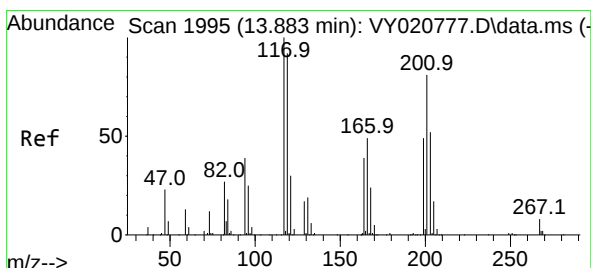
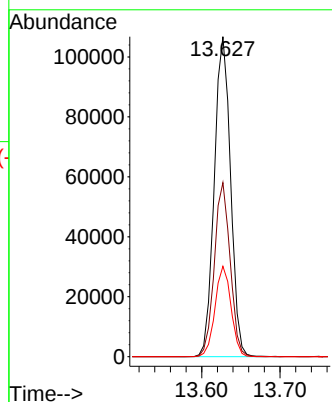
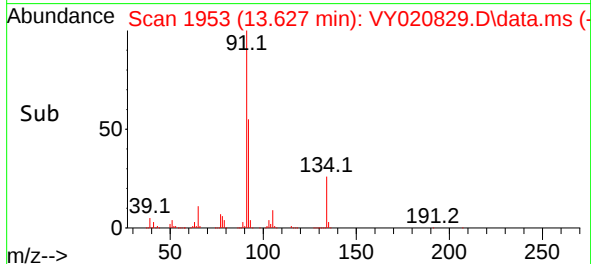
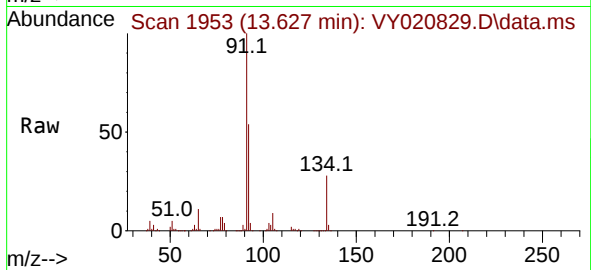
Tgt Ion: 91 Resp: 154067

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.4

134 27.8 13.8 41.4



#90

Hexachloroethane

Concen: 17.820 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY020829.D

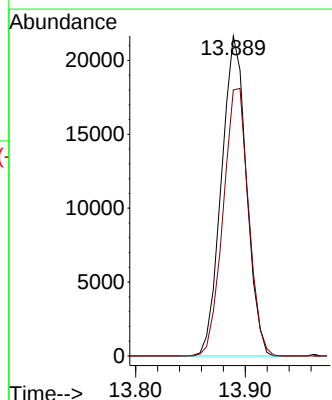
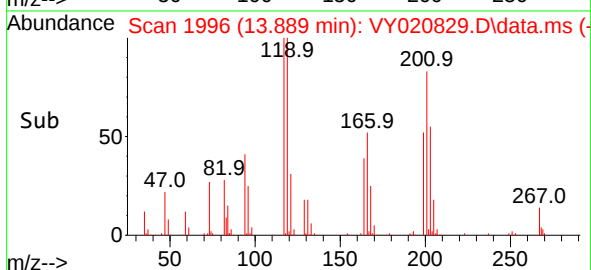
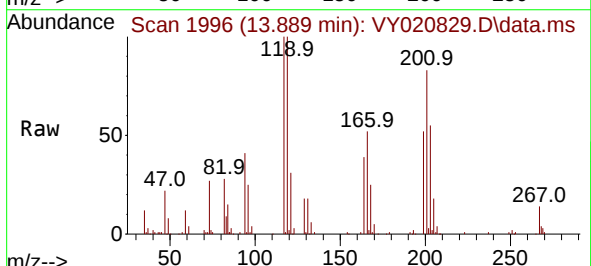
Acq: 15 Jan 2025 11:04

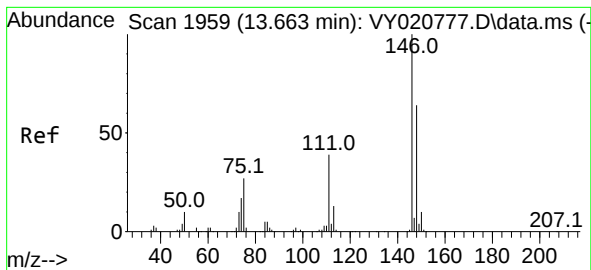
Tgt Ion: 117 Resp: 34211

Ion Ratio Lower Upper

117 100

201 85.1 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 18.036 ug/l

RT: 13.670 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

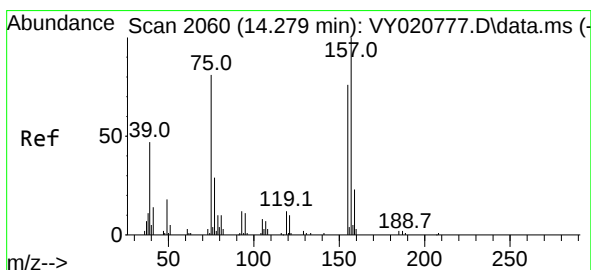
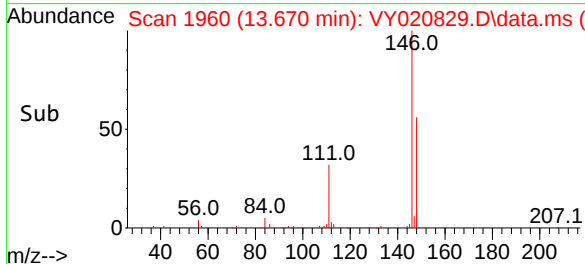
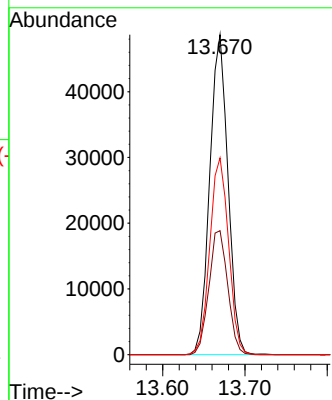
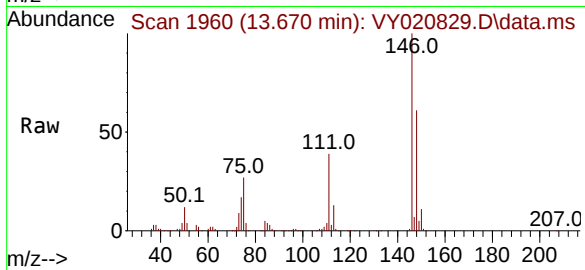
Tgt Ion:146 Resp: 74784

Ion Ratio Lower Upper

146 100

111 40.2 20.0 60.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.498 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY020829.D

Acq: 15 Jan 2025 11:04

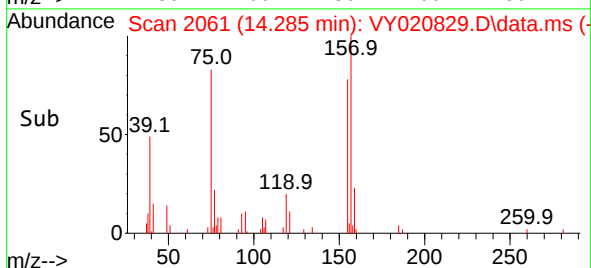
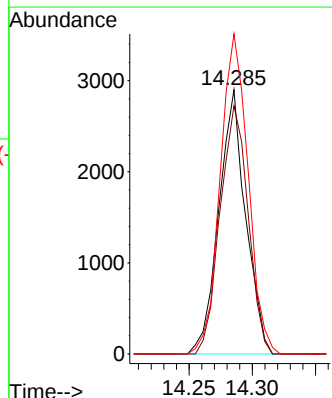
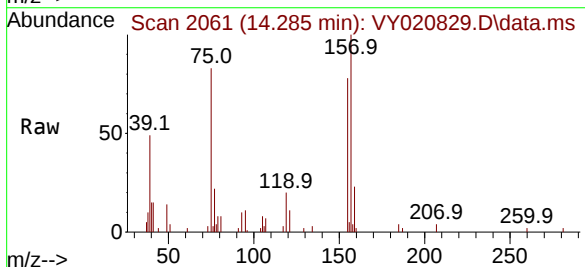
Tgt Ion: 75 Resp: 4280

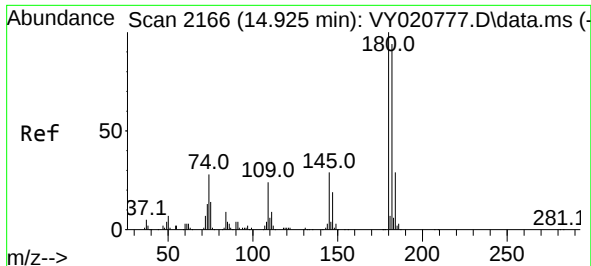
Ion Ratio Lower Upper

75 100

155 97.5 45.5 136.5

157 125.6 59.7 179.0

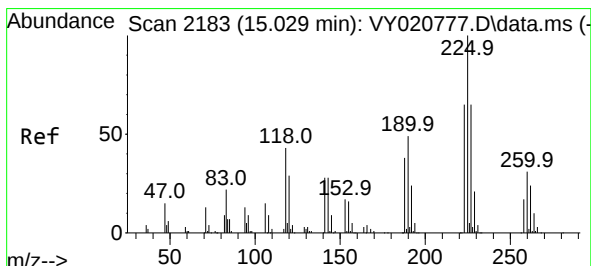
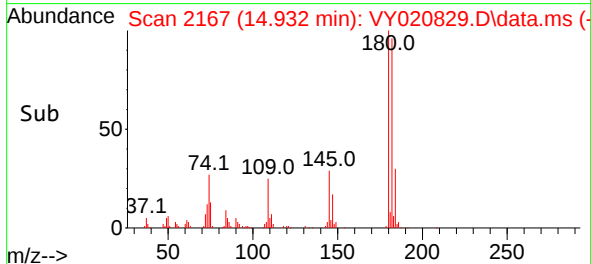
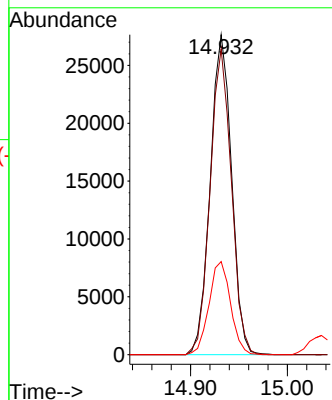
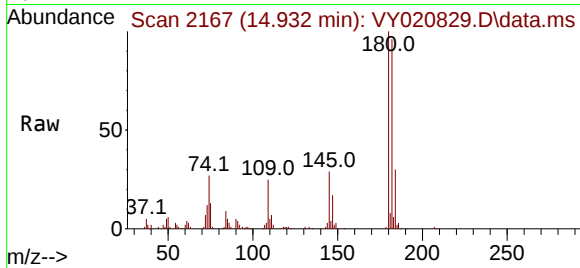




#93
1,2,4-Trichlorobenzene
Concen: 17.747 ug/l
RT: 14.932 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

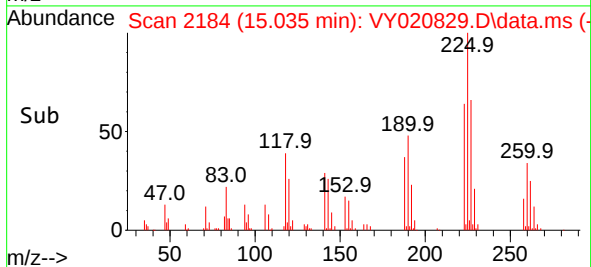
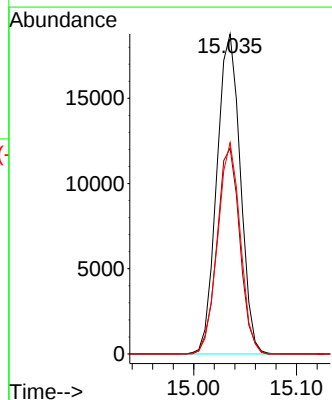
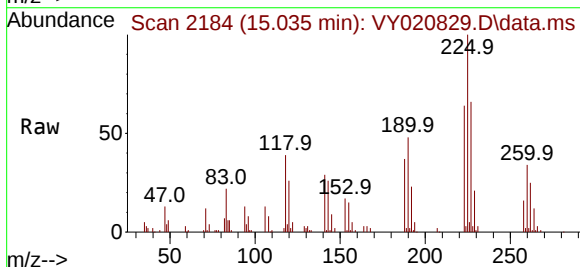
Instrument :
MSVOA_Y
ClientSampleId :

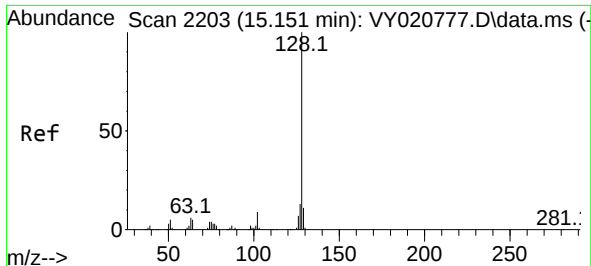
Tgt Ion:180 Resp: 42349
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.9
145 29.5 15.0 45.1



#94
Hexachlorobutadiene
Concen: 17.709 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion:225 Resp: 29790
Ion Ratio Lower Upper
225 100
223 62.7 31.6 94.8
227 63.5 32.2 96.6

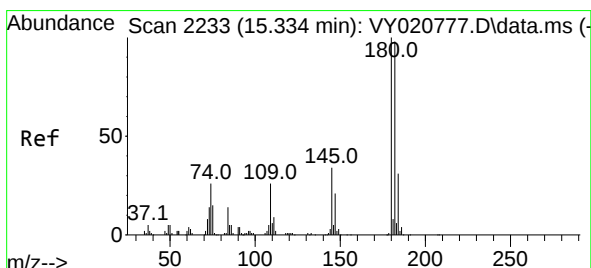
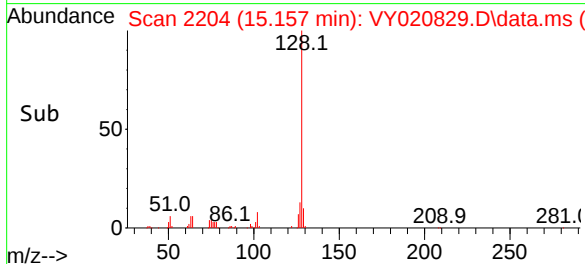
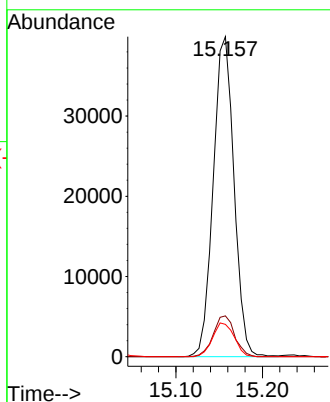
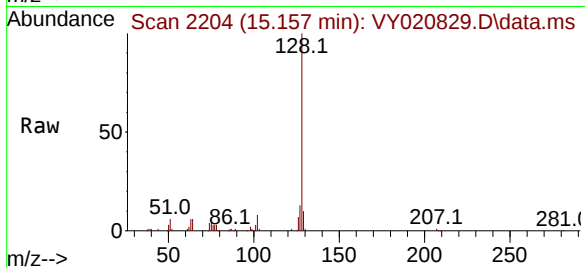




#95
Naphthalene
Concen: 16.924 ug/l
RT: 15.157 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 66468
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 17.487 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY020829.D
Acq: 15 Jan 2025 11:04

Tgt Ion:180 Resp: 34960
Ion Ratio Lower Upper
180 100
182 96.1 48.1 144.3
145 32.5 16.1 48.2

