

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020029.D
 Acq On : 28 Oct 2024 09:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 01:51:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	206029	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.627	114	357320	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.420	117	306579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	147527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	126771	49.972	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.940%
35) Dibromofluoromethane	7.646	113	127235	53.961	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.920%
50) Toluene-d8	10.115	98	455263	52.284	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.413	95	163597	51.997	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	79697	41.553	ug/l	100
3) Chloromethane	2.080	50	122651	49.134	ug/l	99
4) Vinyl Chloride	2.214	62	137508	50.058	ug/l	99
5) Bromomethane	2.610	94	92611	53.264	ug/l	96
6) Chloroethane	2.744	64	99637	53.992	ug/l	98
7) Trichlorofluoromethane	3.074	101	205170	50.195	ug/l	98
8) Diethyl Ether	3.464	74	57797	46.525	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.830	101	121950	51.293	ug/l	92
10) Methyl Iodide	4.019	142	112317	46.709	ug/l	93
11) Tert butyl alcohol	4.878	59	37778	178.815	ug/l	# 74
12) 1,1-Dichloroethene	3.805	96	107007	48.413	ug/l	# 81
13) Acrolein	3.671	56	19104	102.486	ug/l	99
14) Allyl chloride	4.403	41	211745	53.095	ug/l	# 90
15) Acrylonitrile	5.073	53	143646	252.807	ug/l	97
16) Acetone	3.884	43	189367	286.756	ug/l	# 81
17) Carbon Disulfide	4.122	76	245136	41.377	ug/l	99
18) Methyl Acetate	4.403	43	77619	54.563	ug/l	# 86
19) Methyl tert-butyl Ether	5.128	73	318882	50.218	ug/l	95
20) Methylene Chloride	4.640	84	127839	52.431	ug/l	# 86
21) trans-1,2-Dichloroethene	5.128	96	121169	50.369	ug/l	87
22) Diisopropyl ether	6.030	45	496829	57.195	ug/l	# 90
23) Vinyl Acetate	5.976	43	1284239	257.885	ug/l	# 91
24) 1,1-Dichloroethane	5.927	63	272014	56.333	ug/l	96
25) 2-Butanone	6.908	43	230515	260.783	ug/l	# 83
26) 2,2-Dichloropropane	6.902	77	234914	54.627	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	159171	53.542	ug/l	81
28) Bromochloromethane	7.256	49	110668	52.071	ug/l	# 72
29) Tetrahydrofuran	7.274	42	121587	240.906	ug/l	# 81
30) Chloroform	7.433	83	281519	57.193	ug/l	99
31) Cyclohexane	7.713	56	205663	48.520	ug/l	86
32) 1,1,1-Trichloroethane	7.628	97	242695	56.261	ug/l	94
36) 1,1-Dichloropropene	7.847	75	184456	54.300	ug/l	94
37) Ethyl Acetate	6.994	43	85793	48.434	ug/l	# 95
38) Carbon Tetrachloride	7.829	117	202338	55.562	ug/l	96
39) Methylcyclohexane	9.115	83	216299	50.535	ug/l	# 84
40) Benzene	8.091	78	570603	55.502	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	53145	55.435	ug/l #	82
42) 1,2-Dichloroethane	8.170	62	159618	54.043	ug/l	94
43) Isopropyl Acetate	8.207	43	181886	50.350	ug/l #	88
44) Trichloroethene	8.877	130	133402	53.575	ug/l	94
45) 1,2-Dichloropropane	9.152	63	146668	56.998	ug/l	96
46) Dibromomethane	9.237	93	74041	52.665	ug/l	89
47) Bromodichloromethane	9.432	83	214099	57.373	ug/l	94
48) Methyl methacrylate	9.231	41	82213	51.738	ug/l #	80
49) 1,4-Dioxane	9.237	88	14980	952.008	ug/l #	84
51) 4-Methyl-2-Pentanone	10.005	43	475210	257.904	ug/l	88
52) Toluene	10.176	92	362556	56.497	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	182389	54.321	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	217550	54.911	ug/l #	86
55) 1,1,2-Trichloroethane	10.578	97	99521	53.729	ug/l	93
56) Ethyl methacrylate	10.444	69	137463	51.720	ug/l #	75
57) 1,3-Dichloropropane	10.725	76	176829	54.361	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	342145	276.525	ug/l	92
59) 2-Hexanone	10.767	43	348423	264.753	ug/l	85
60) Dibromochloromethane	10.920	129	127848	53.776	ug/l	98
61) 1,2-Dibromoethane	11.023	107	85281	50.950	ug/l	99
64) Tetrachloroethene	10.652	164	108297	49.663	ug/l	92
65) Chlorobenzene	11.450	112	385750	55.011	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.523	131	135040	56.920	ug/l	98
67) Ethyl Benzene	11.523	91	722890	56.751	ug/l	99
68) m/p-Xylenes	11.633	106	519871	110.508	ug/l	89
69) o-Xylene	11.962	106	248010	54.869	ug/l	90
70) Styrene	11.974	104	433757	56.879	ug/l	96
71) Bromoform	12.139	173	66575	52.419	ug/l #	95
73) Isopropylbenzene	12.261	105	703143	56.664	ug/l	98
74) N-amyl acetate	12.078	43	160282	48.768	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.511	83	115061	52.184	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	152894	52.904	ug/l #	100
77) Bromobenzene	12.541	156	136772	51.940	ug/l	84
78) n-propylbenzene	12.602	91	861161	57.434	ug/l	96
79) 2-Chlorotoluene	12.682	91	482023	56.075	ug/l	93
80) 1,3,5-Trimethylbenzene	12.743	105	556655	55.547	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.310	75	36908	51.548	ug/l #	84
82) 4-Chlorotoluene	12.785	91	487706	55.488	ug/l	95
83) tert-Butylbenzene	13.005	119	516248	57.504	ug/l	94
84) 1,2,4-Trimethylbenzene	13.047	105	552717	55.630	ug/l	95
85) sec-Butylbenzene	13.182	105	768178	57.270	ug/l	97
86) p-Isopropyltoluene	13.297	119	613226	56.301	ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	284252	53.454	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	278219	53.256	ug/l	97
89) n-Butylbenzene	13.620	91	606658	57.042	ug/l	98
90) Hexachloroethane	13.883	117	125555	59.200	ug/l	83
91) 1,2-Dichlorobenzene	13.663	146	244629	52.355	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	16531	46.978	ug/l	75
93) 1,2,4-Trichlorobenzene	14.925	180	127439	48.641	ug/l	98
94) Hexachlorobutadiene	15.029	225	70632	48.490	ug/l	97
95) Naphthalene	15.151	128	228866	46.315	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	105414	47.596	ug/l	96

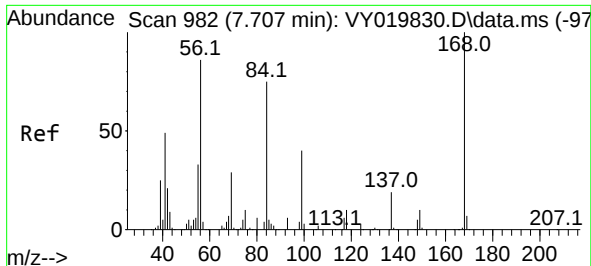
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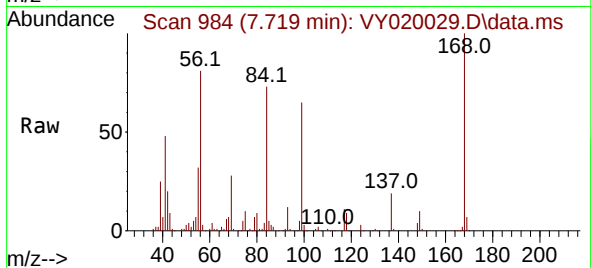
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

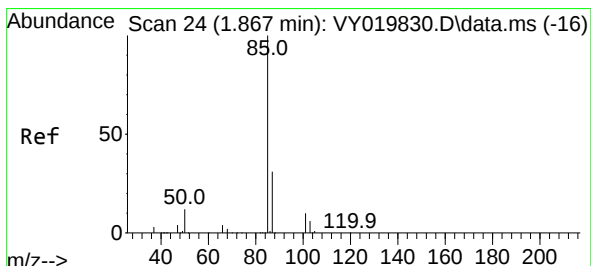
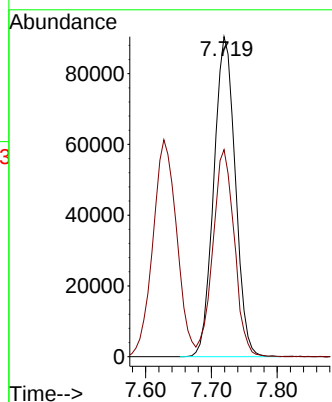
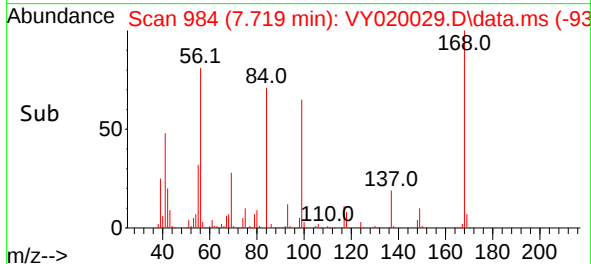


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

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MSVOA_Y
ClientSampleId :

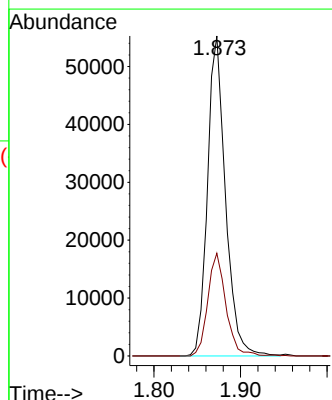
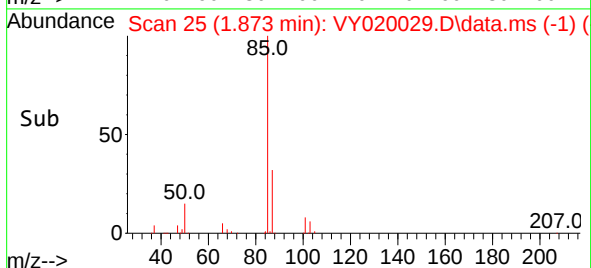
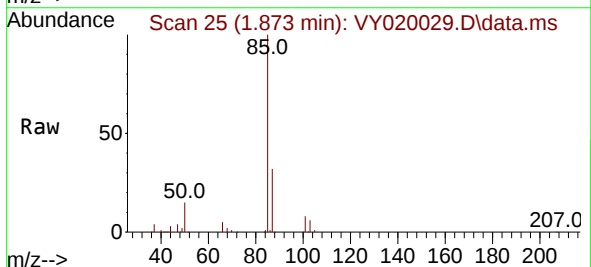


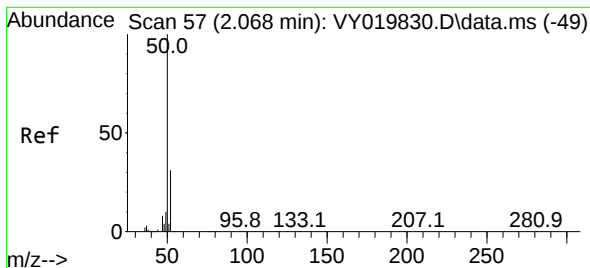
Tgt Ion:168 Resp: 206029
Ion Ratio Lower Upper
168 100
99 64.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 41.553 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 85 Resp: 79697
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0





#3

Chloromethane

Concen: 49.134 ug/l

RT: 2.080 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

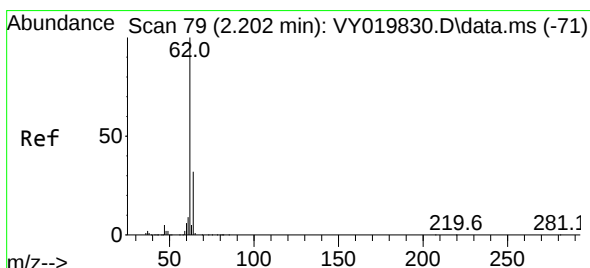
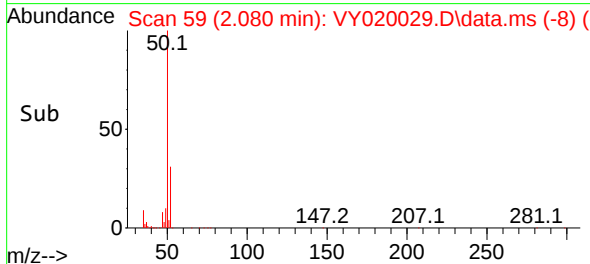
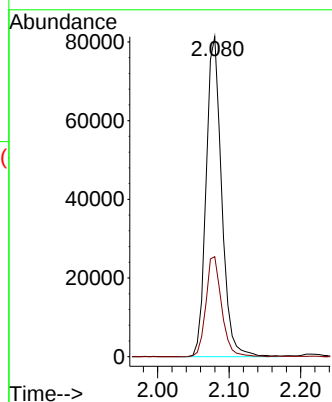
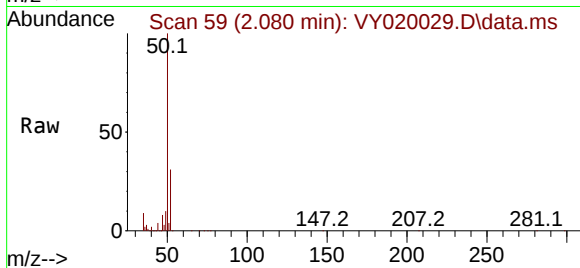
ClientSampleId :

Tgt Ion: 50 Resp: 122651

Ion Ratio Lower Upper

50 100

52 31.3 25.6 38.4



#4

Vinyl Chloride

Concen: 50.058 ug/l

RT: 2.214 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY020029.D

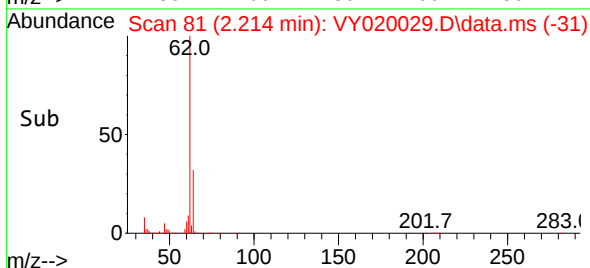
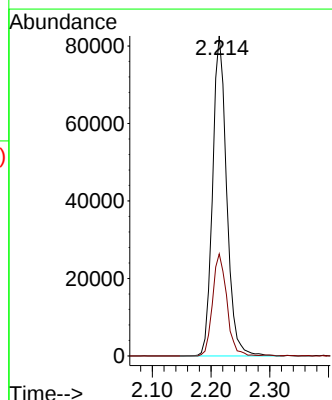
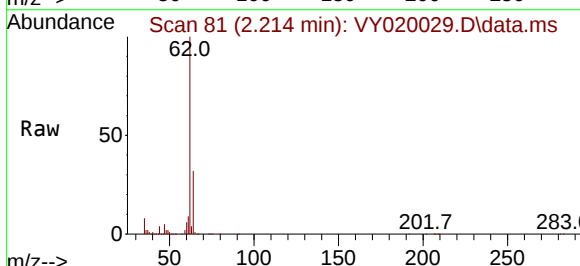
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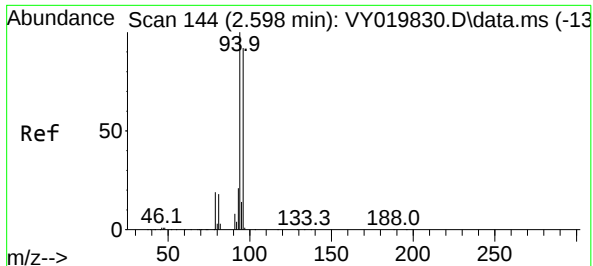
Tgt Ion: 62 Resp: 137508

Ion Ratio Lower Upper

62 100

64 31.9 26.1 39.1

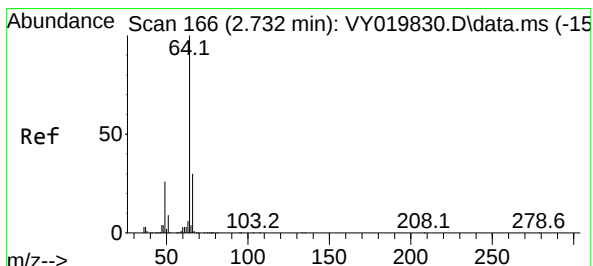
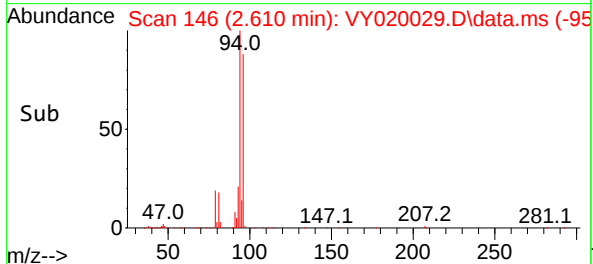
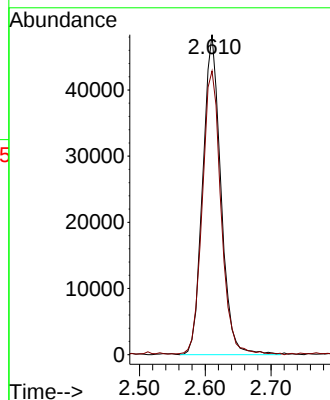
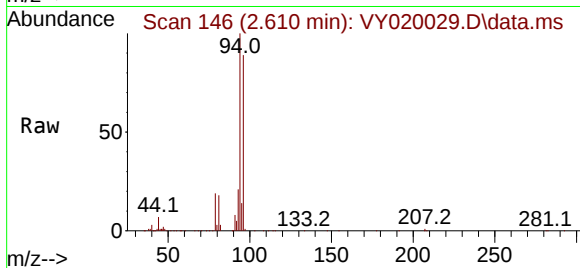




#5
Bromomethane
Concen: 53.264 ug/l
RT: 2.610 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

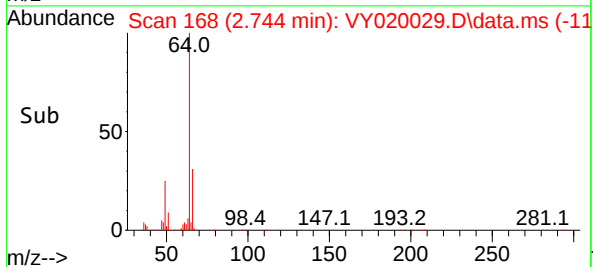
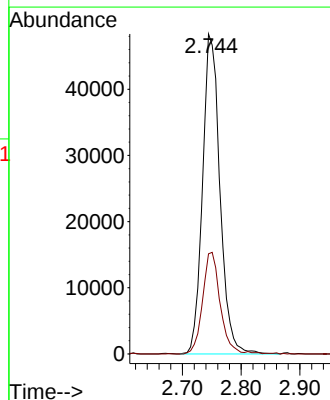
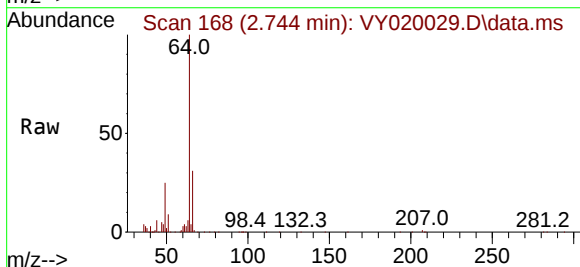
Instrument :
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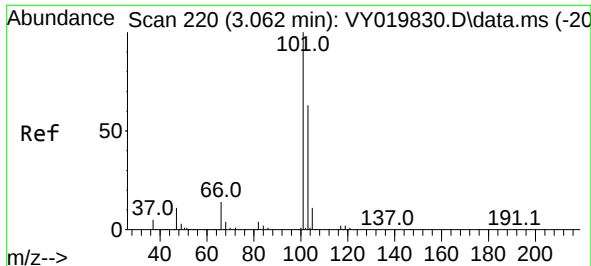
Tgt Ion: 94 Resp: 92611
Ion Ratio Lower Upper
94 100
96 88.3 74.1 111.1



#6
Chloroethane
Concen: 53.992 ug/l
RT: 2.744 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 64 Resp: 99637
Ion Ratio Lower Upper
64 100
66 31.3 26.1 39.1

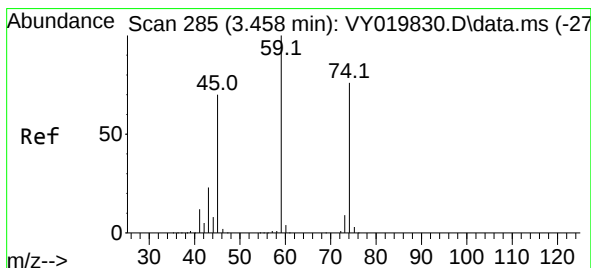
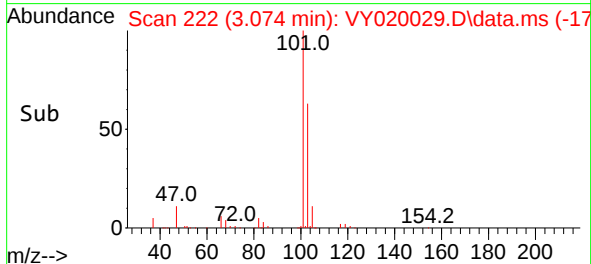
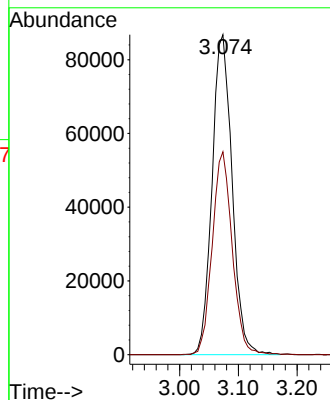
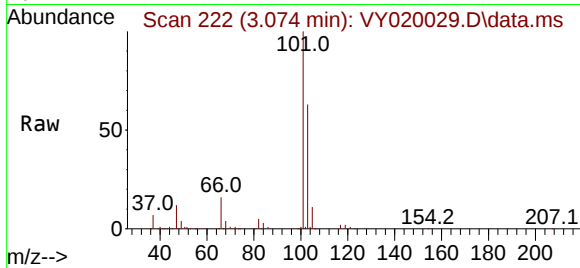




#7
 Trichlorofluoromethane
 Concen: 50.195 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY020029.D
 Acq: 28 Oct 2024 09:29

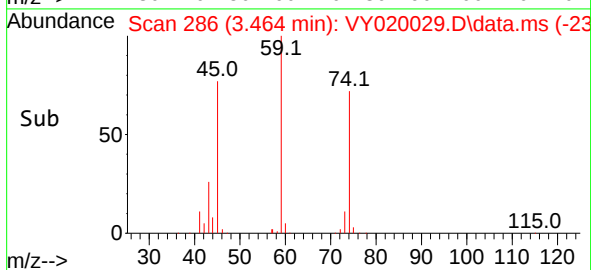
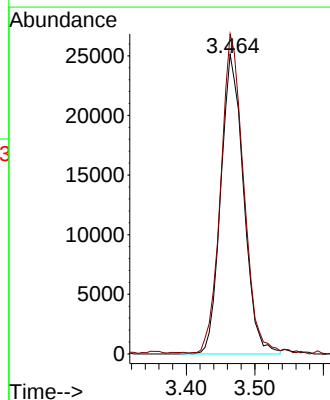
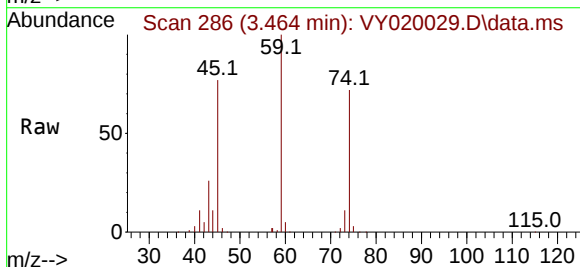
Instrument :
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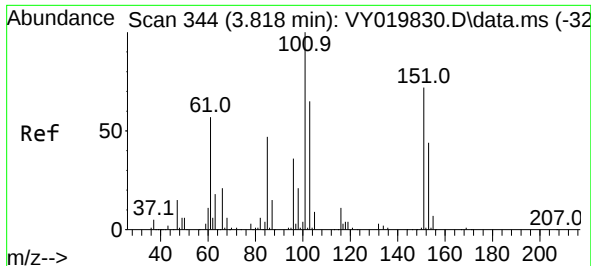
Tgt Ion:101 Resp: 205170
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 46.525 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY020029.D
 Acq: 28 Oct 2024 09:29

Tgt Ion: 74 Resp: 57797
 Ion Ratio Lower Upper
 74 100
 45 108.9 41.3 124.1

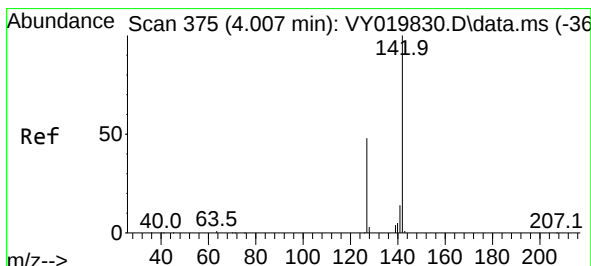
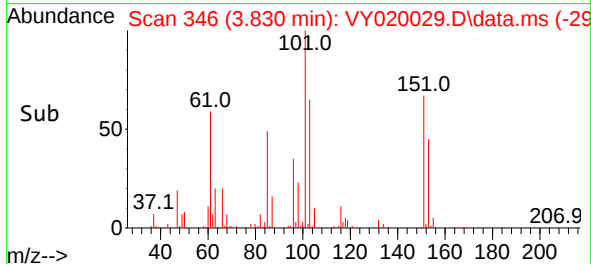
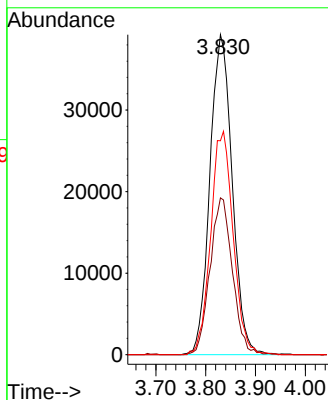
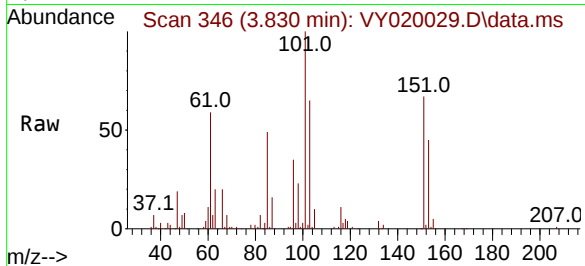




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.293 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY020029.D
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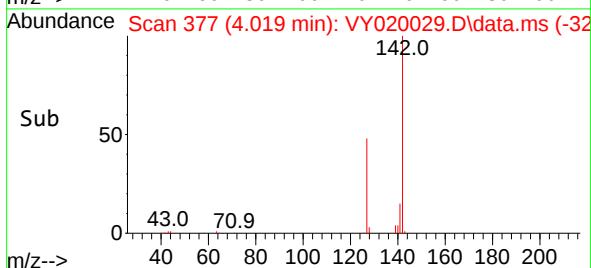
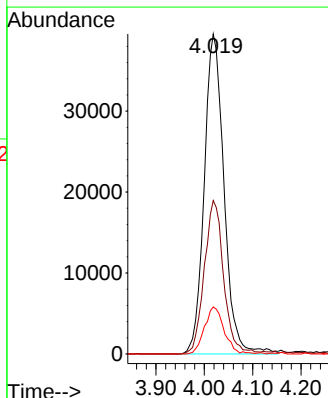
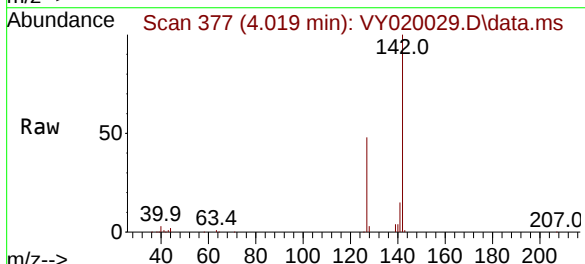
Instrument :
MSVOA_Y
ClientSampleId :

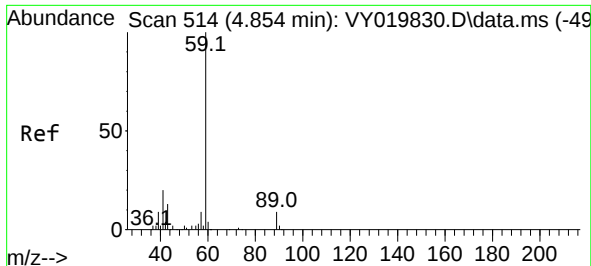
Tgt Ion:101 Resp: 121950
Ion Ratio Lower Upper
101 100
85 49.2 34.5 51.7
151 70.4 61.7 92.5



#10
Methyl Iodide
Concen: 46.709 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion:142 Resp: 112317
Ion Ratio Lower Upper
142 100
127 46.9 32.8 49.2
141 14.6 11.4 17.2

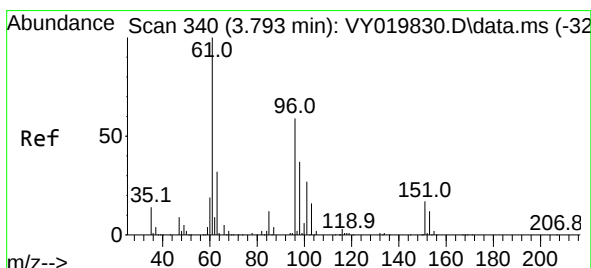
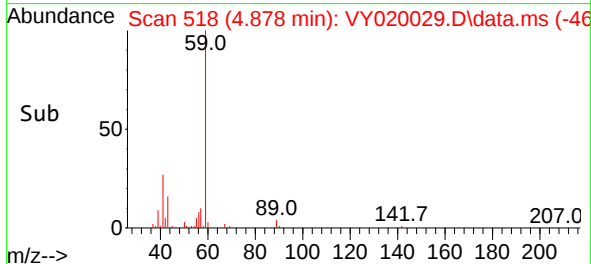
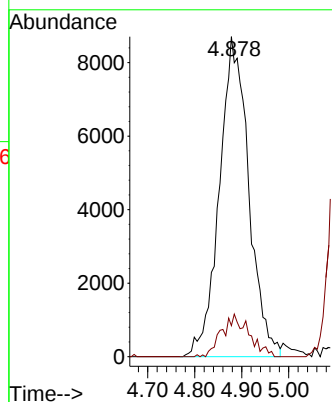
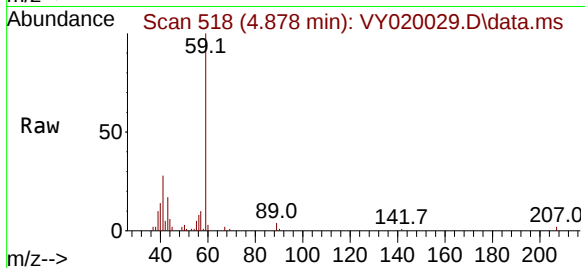




#11
Tert butyl alcohol
Concen: 178.815 ug/l
RT: 4.878 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

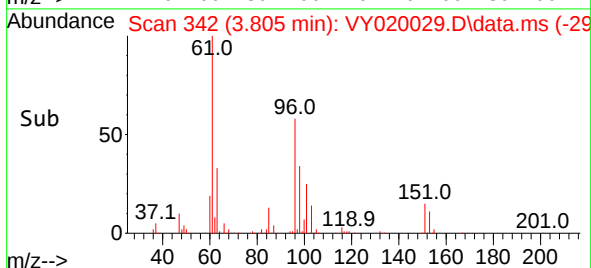
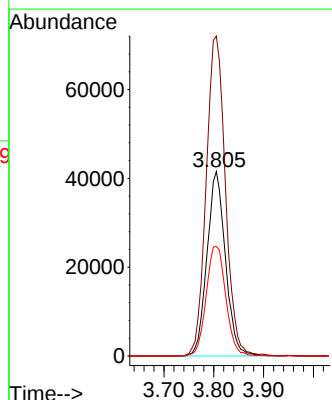
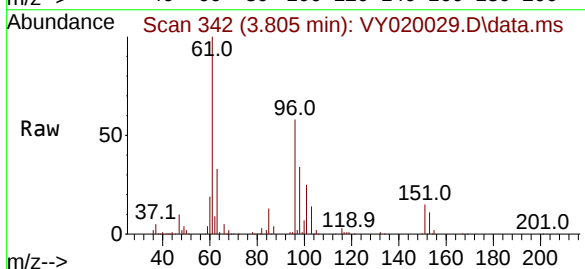
Instrument :
MSVOA_Y
ClientSampleId :

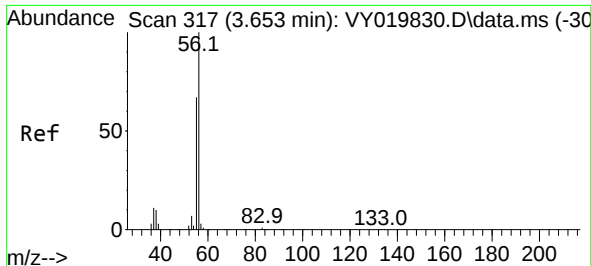
Tgt Ion: 59 Resp: 37778
Ion Ratio Lower Upper
59 100
57 12.2 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.413 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 96 Resp: 107007
Ion Ratio Lower Upper
96 100
61 173.4 114.6 171.8#
98 59.3 50.8 76.2

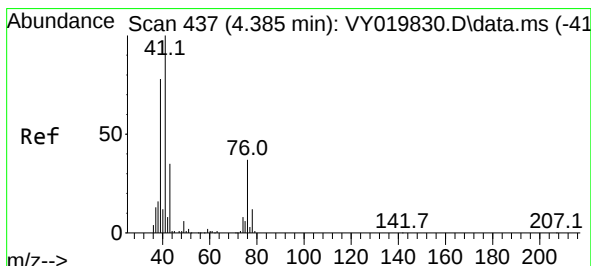
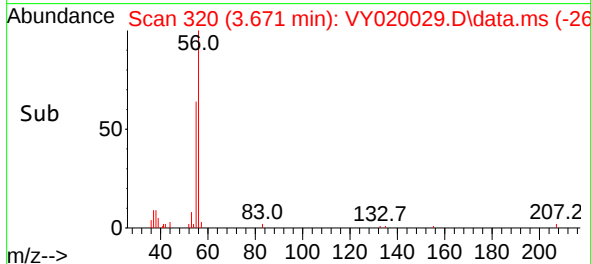
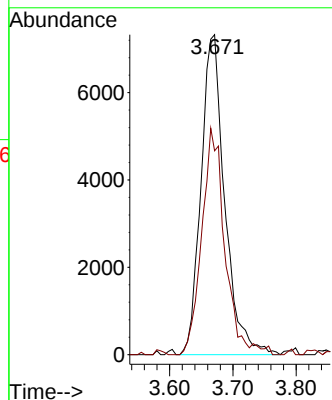
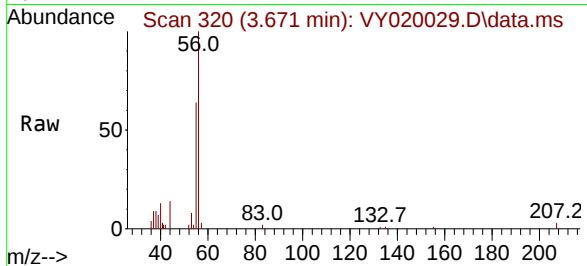




#13
Acrolein
Concen: 102.486 ug/l
RT: 3.671 min Scan# 317
Delta R.T. 0.018 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

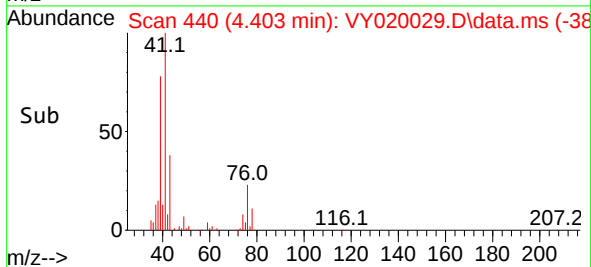
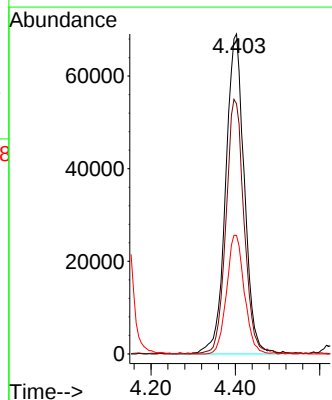
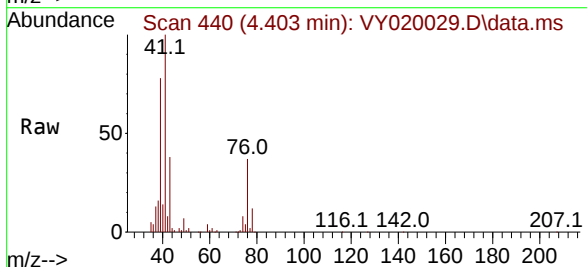
Instrument :
MSVOA_Y
ClientSampleId :

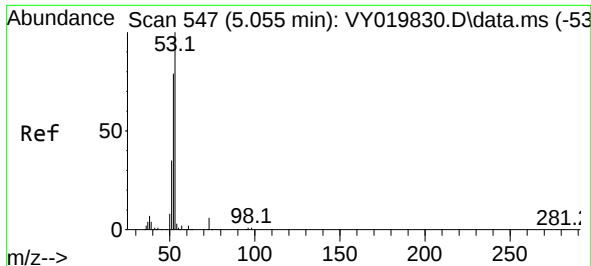
Tgt Ion: 56 Resp: 19104
Ion Ratio Lower Upper
56 100
55 69.0 55.7 83.5



#14
Allyl chloride
Concen: 53.095 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 41 Resp: 211745
Ion Ratio Lower Upper
41 100
39 76.5 58.3 87.5
76 35.4 39.0 58.6#

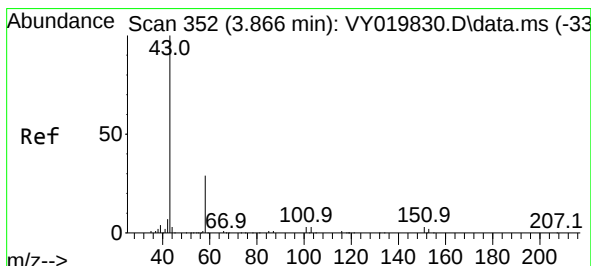
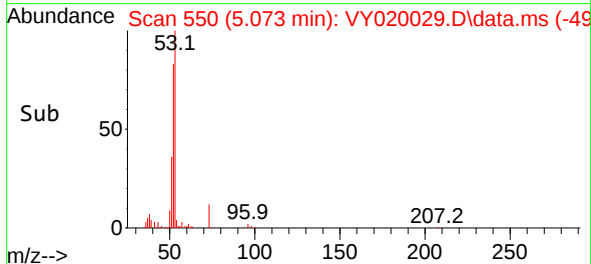
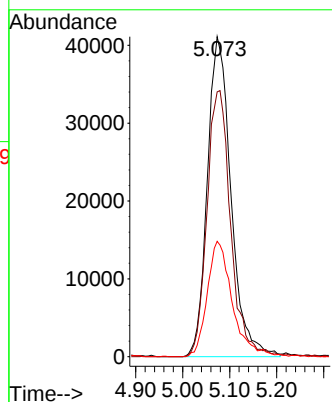
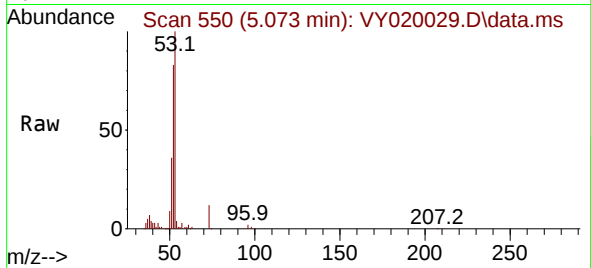




#15
Acrylonitrile
Concen: 252.807 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

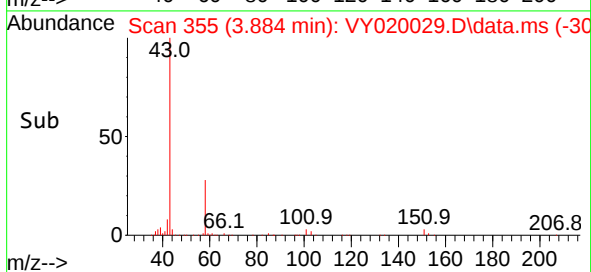
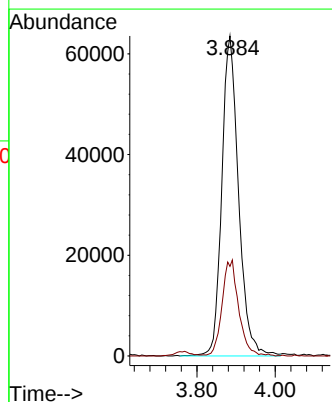
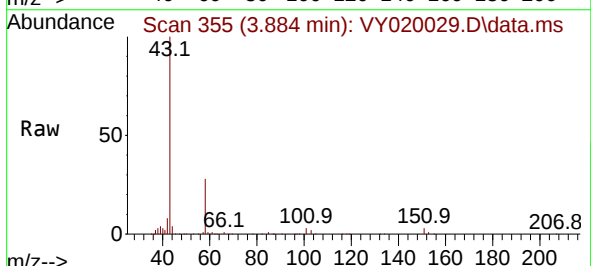
Instrument :
MSVOA_Y
ClientSampleId :

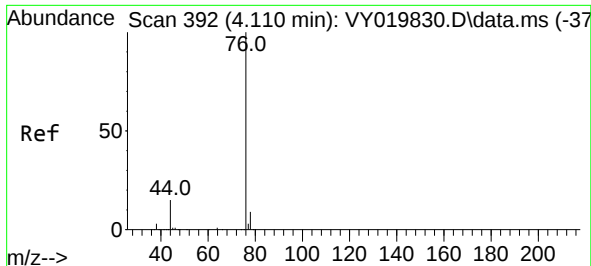
Tgt Ion: 53 Resp: 143646
Ion Ratio Lower Upper
53 100
52 83.2 64.7 97.1
51 38.3 28.4 42.6



#16
Acetone
Concen: 286.756 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 43 Resp: 189367
Ion Ratio Lower Upper
43 100
58 27.9 31.7 47.5#





#17

Carbon Disulfide

Concen: 41.377 ug/l

RT: 4.122 min Scan# 39

Delta R.T. 0.018 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

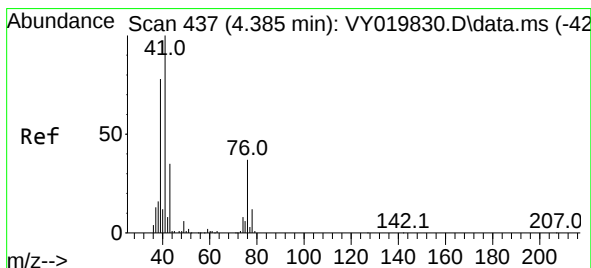
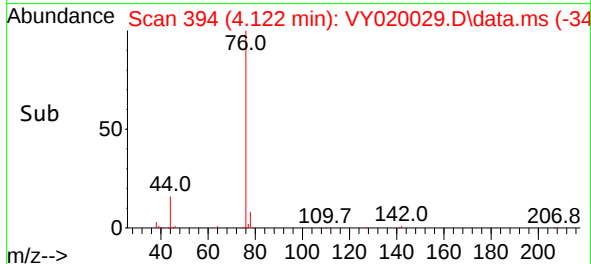
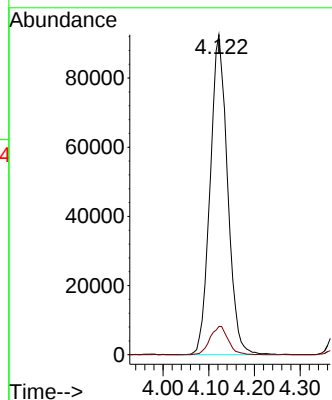
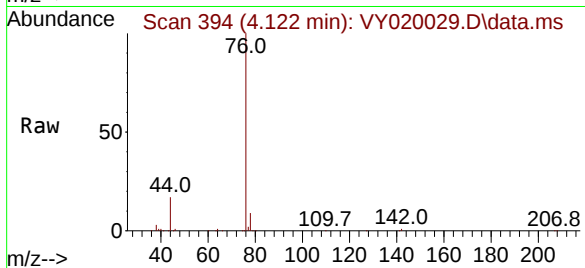
ClientSampleId :

Tgt Ion: 76 Resp: 245136

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2



#18

Methyl Acetate

Concen: 54.563 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.018 min

Lab File: VY020029.D

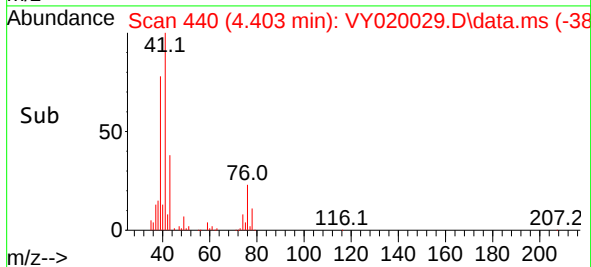
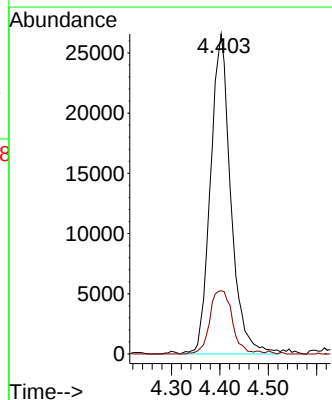
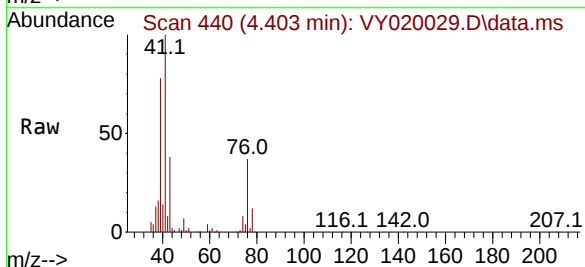
Acq: 28 Oct 2024 09:29

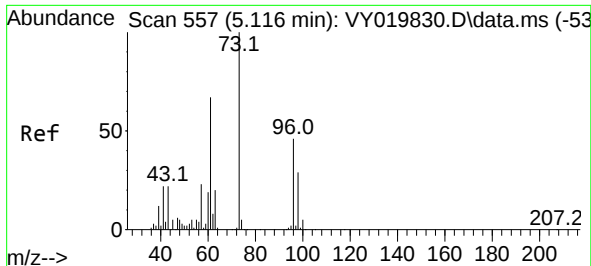
Tgt Ion: 43 Resp: 77619

Ion Ratio Lower Upper

43 100

74 21.7 23.3 34.9#

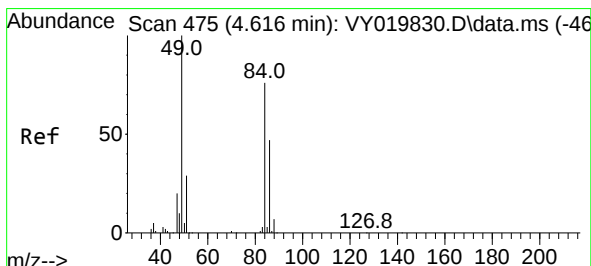
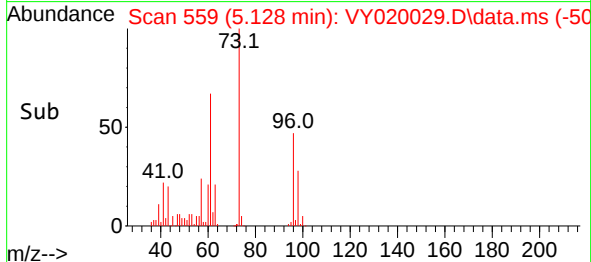
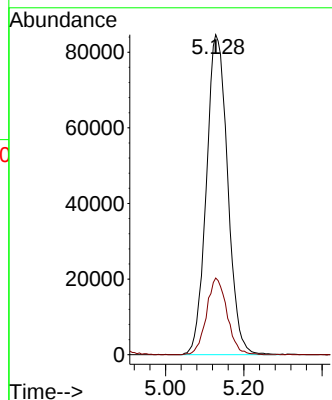
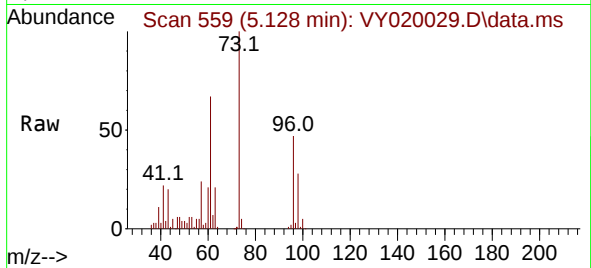




#19
Methyl tert-butyl Ether
Concen: 50.218 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

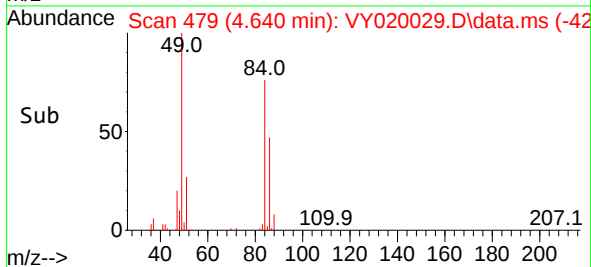
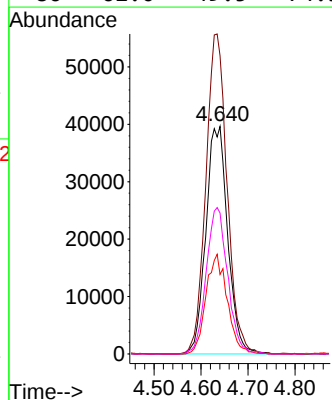
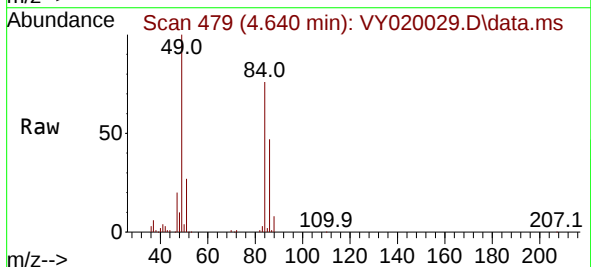
Instrument :
MSVOA_Y
ClientSampleId :

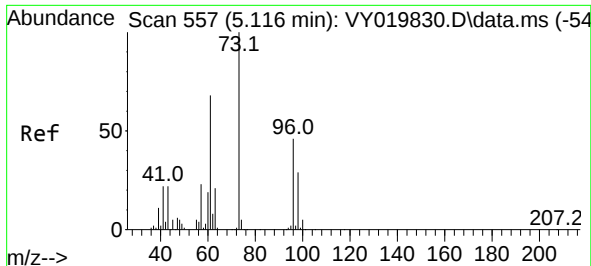
Tgt Ion: 73 Resp: 318882
Ion Ratio Lower Upper
73 100
57 23.9 17.3 25.9



#20
Methylene Chloride
Concen: 52.431 ug/l
RT: 4.640 min Scan# 479
Delta R.T. 0.024 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

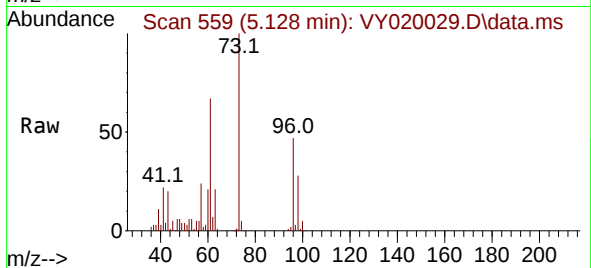
Tgt Ion: 84 Resp: 127839
Ion Ratio Lower Upper
84 100
49 131.0 84.4 126.6#
51 35.0 26.0 39.0
86 62.0 49.5 74.3



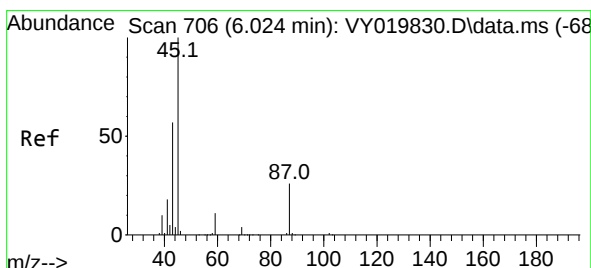
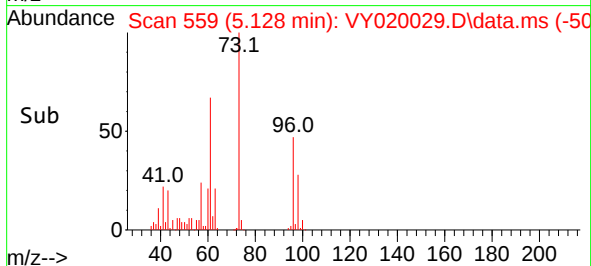
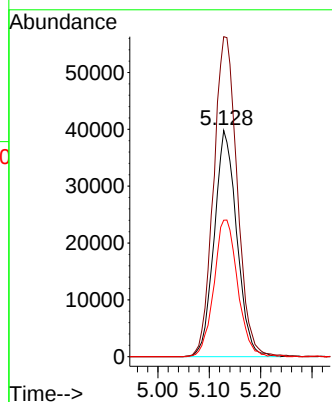


#21
trans-1,2-Dichloroethene
Concen: 50.369 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.018 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Instrument :
MSVOA_Y
ClientSampleId :

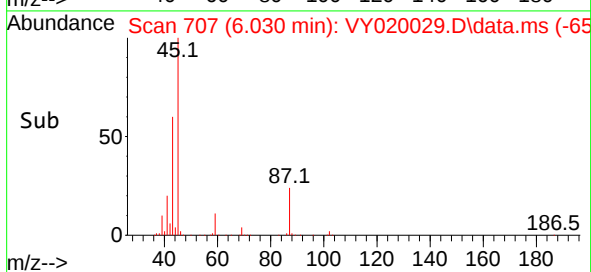
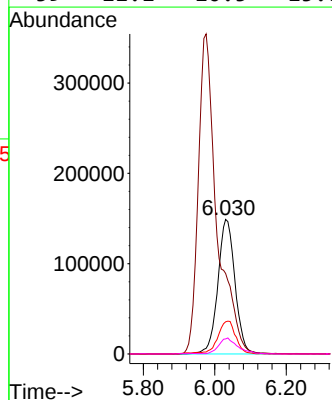
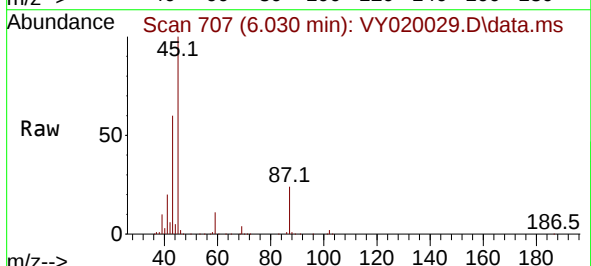


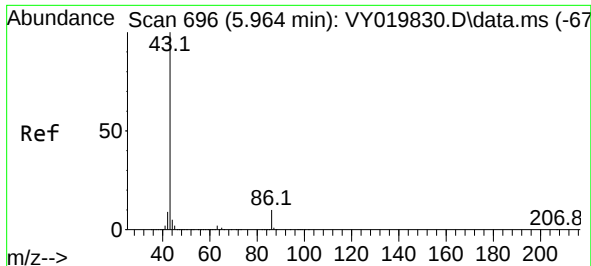
Tgt Ion: 96 Resp: 121169
Ion Ratio Lower Upper
96 100
61 141.4 97.5 146.3
98 60.3 50.5 75.7



#22
Diisopropyl ether
Concen: 57.195 ug/l
RT: 6.030 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 45 Resp: 496829
Ion Ratio Lower Upper
45 100
43 59.6 42.2 63.2
87 23.9 25.0 37.6#
59 11.1 10.5 15.7

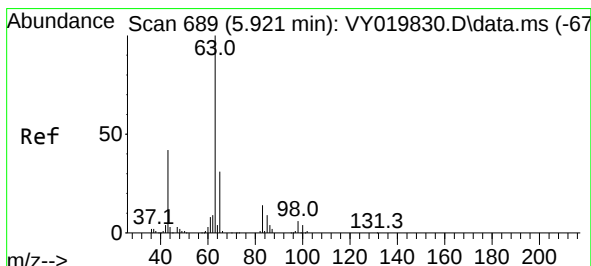
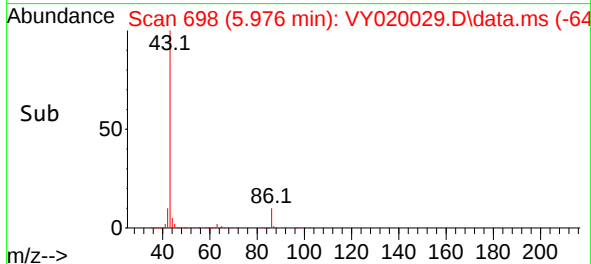
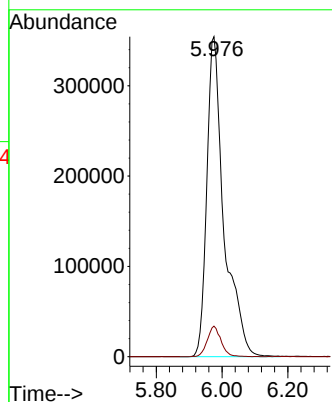
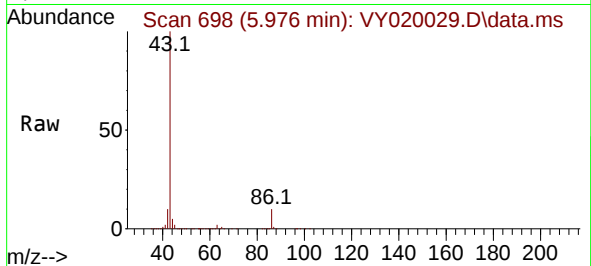




#23
 Vinyl Acetate
 Concen: 257.885 ug/l
 RT: 5.976 min Scan# 696
 Delta R.T. 0.018 min
 Lab File: VY020029.D
 Acq: 28 Oct 2024 09:29

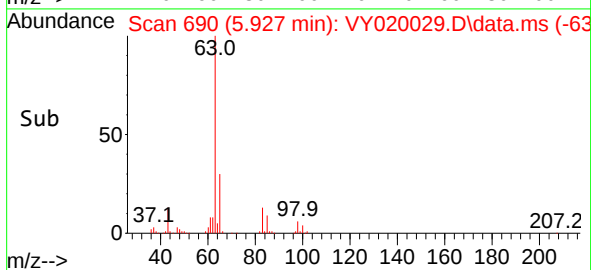
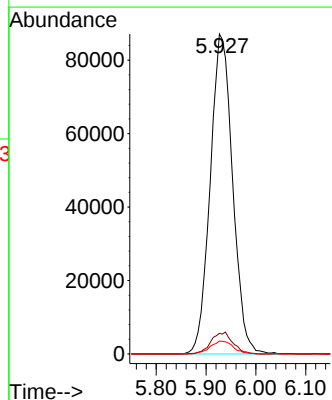
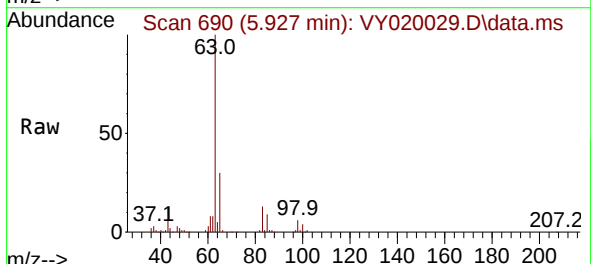
Instrument :
 MSVOA_Y
 ClientSampleId :

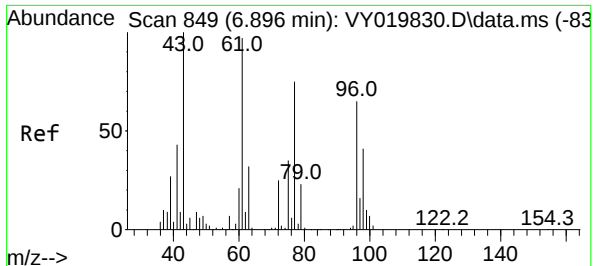
Tgt Ion: 43 Resp: 1284239
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 56.333 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY020029.D
 Acq: 28 Oct 2024 09:29

Tgt Ion: 63 Resp: 272014
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.0 12.2
 100 4.1 2.6 8.0





#25

2-Butanone

Concen: 260.783 ug/l

RT: 6.908 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

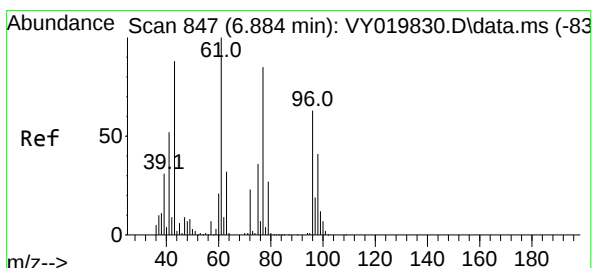
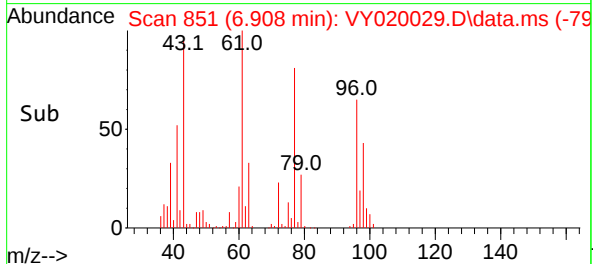
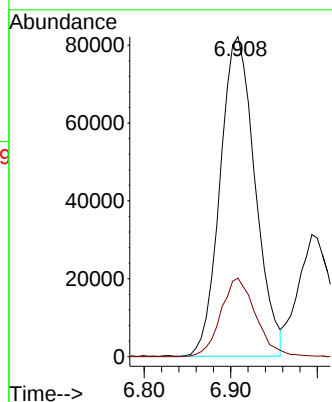
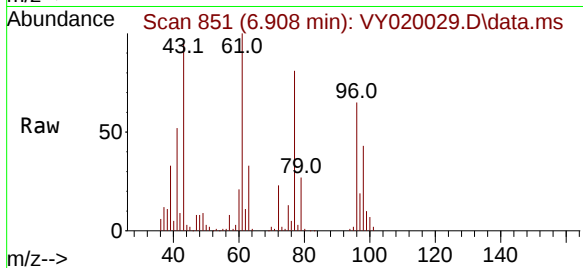
ClientSampleId :

Tgt Ion: 43 Resp: 230515

Ion Ratio Lower Upper

43 100

72 24.6 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 54.627 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY020029.D

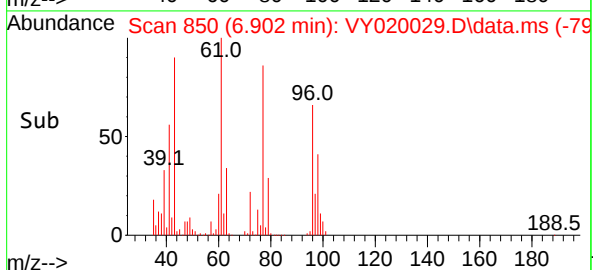
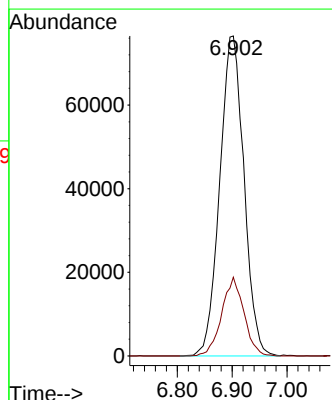
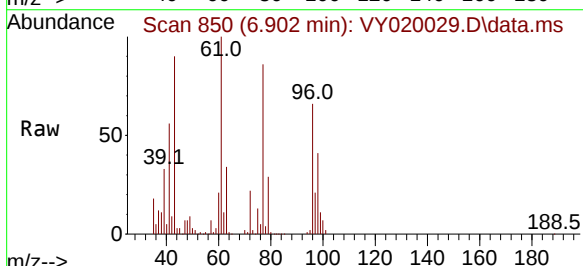
Acq: 28 Oct 2024 09:29

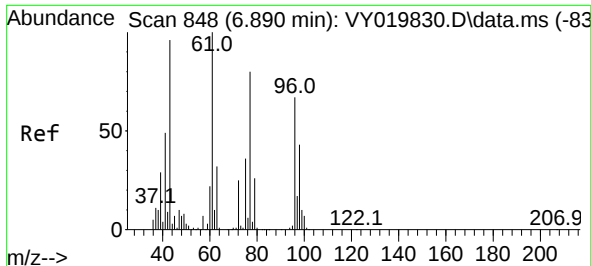
Tgt Ion: 77 Resp: 234914

Ion Ratio Lower Upper

77 100

97 22.6 12.0 36.1

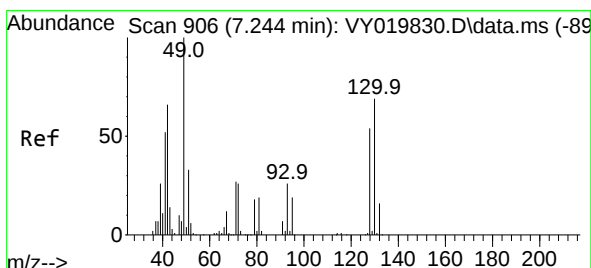
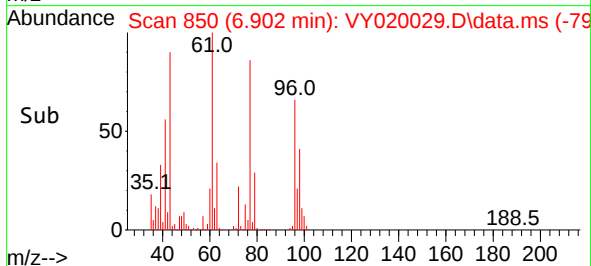
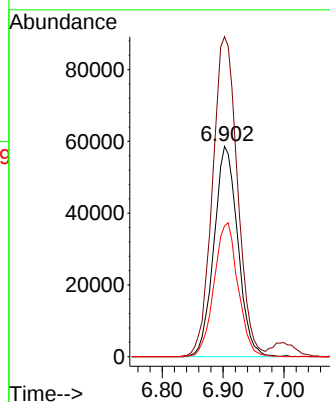
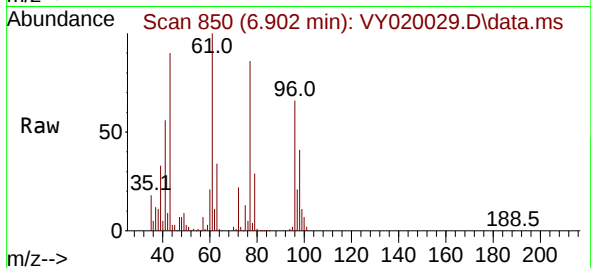




#27
 cis-1,2-Dichloroethene
 Concen: 53.542 ug/l
 RT: 6.902 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY020029.D
 Acq: 28 Oct 2024 09:29

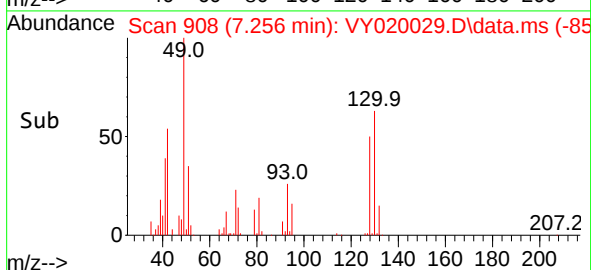
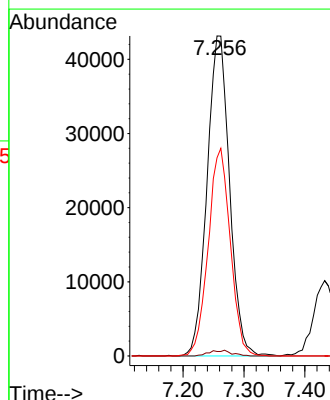
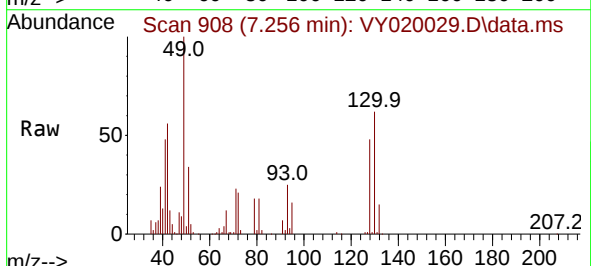
Instrument :
 MSVOA_Y
 ClientSampleId :

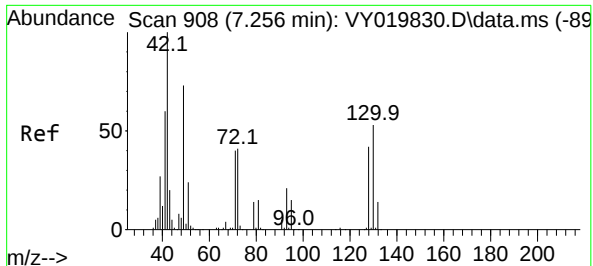
Tgt Ion: 96 Resp: 159171
 Ion Ratio Lower Upper
 96 100
 61 159.6 0.0 256.2
 98 63.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 52.071 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY020029.D
 Acq: 28 Oct 2024 09:29

Tgt Ion: 49 Resp: 110668
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 63.7 72.7 109.1#





#29

Tetrahydrofuran

Concen: 240.906 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

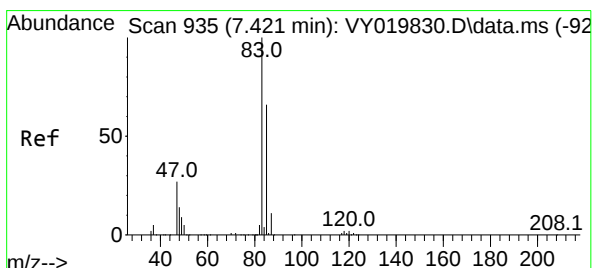
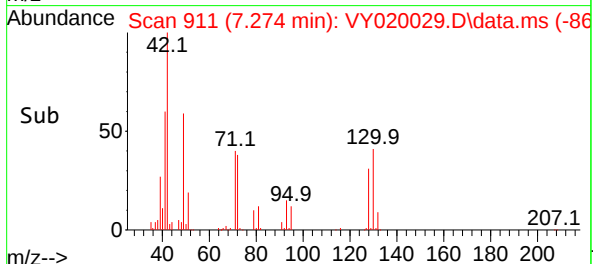
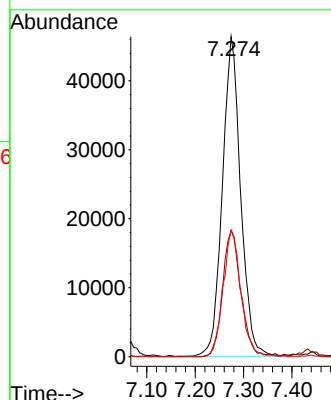
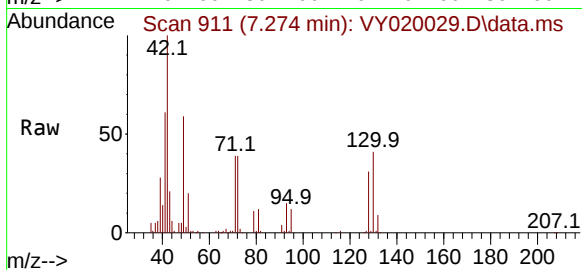
Tgt Ion: 42 Resp: 121587

Ion Ratio Lower Upper

42 100

72 39.5 43.0 64.4#

71 38.9 40.8 61.2#



#30

Chloroform

Concen: 57.193 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY020029.D

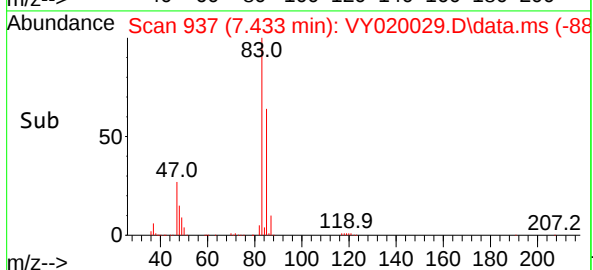
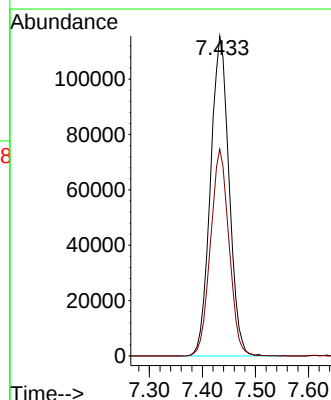
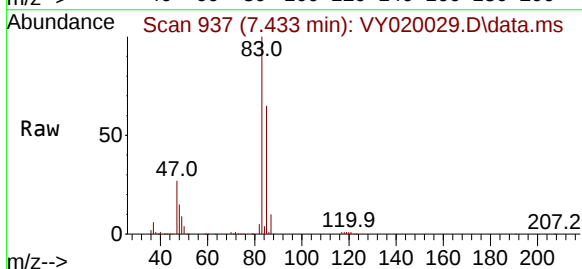
Acq: 28 Oct 2024 09:29

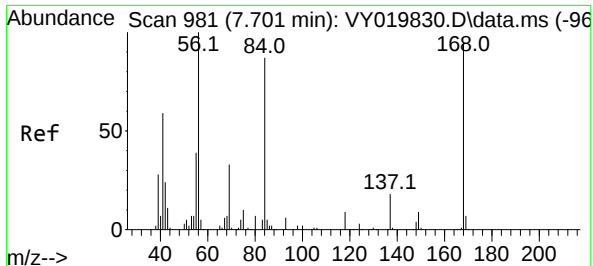
Tgt Ion: 83 Resp: 281519

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.4

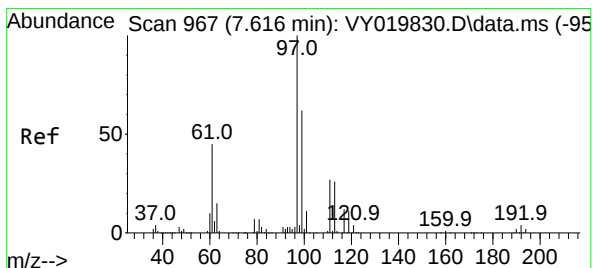
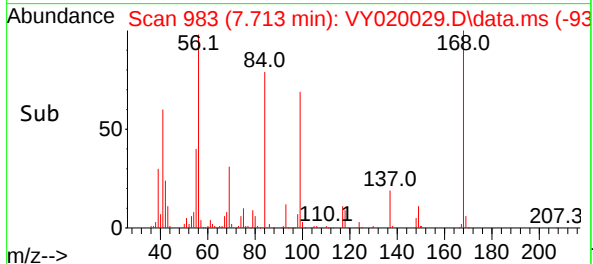
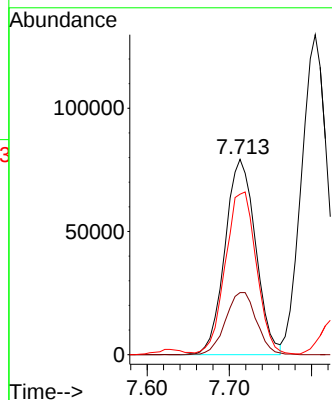
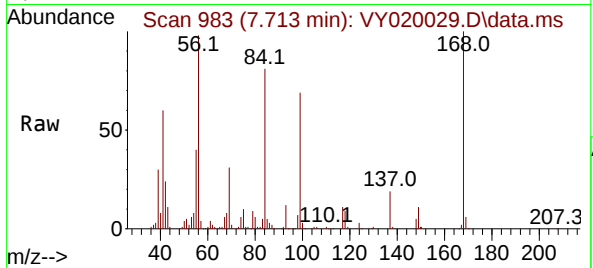




#31
Cyclohexane
Concen: 48.520 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

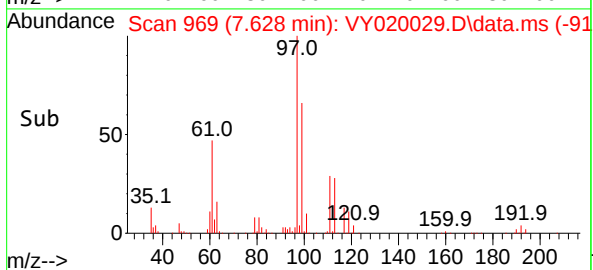
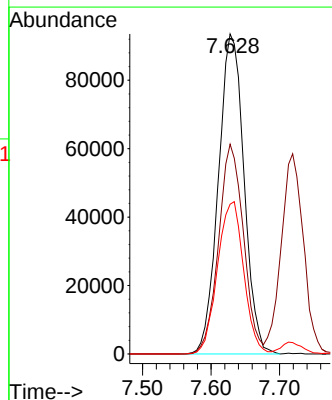
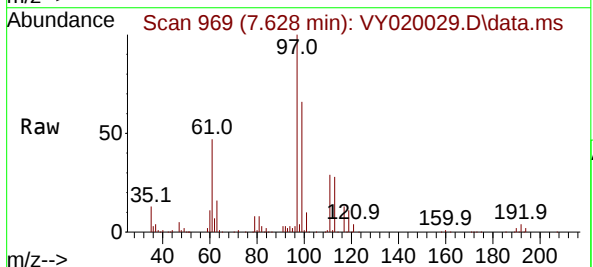
Instrument :
MSVOA_Y
ClientSampleId :

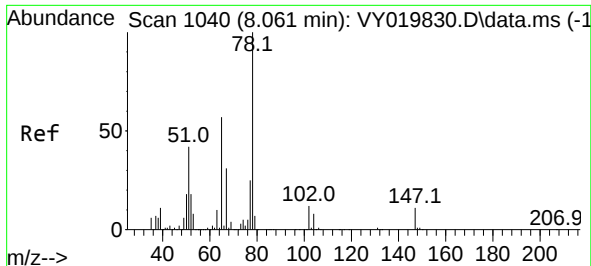
Tgt Ion: 56 Resp: 205663
Ion Ratio Lower Upper
56 100
69 31.8 28.7 43.1
84 80.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 56.261 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 97 Resp: 242695
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 48.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.972 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

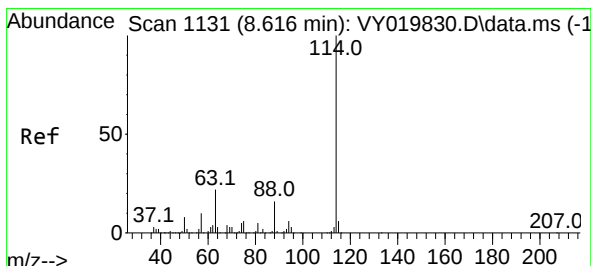
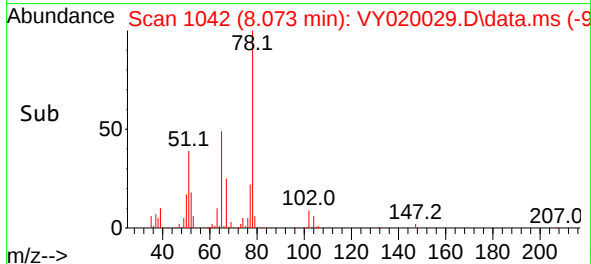
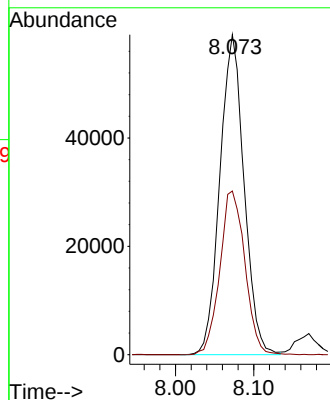
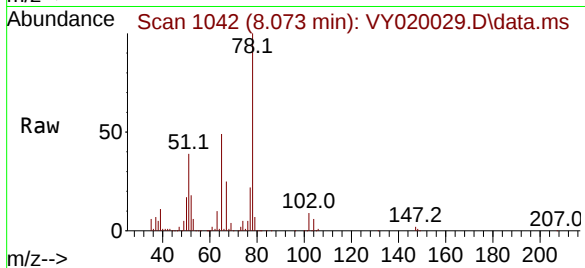
ClientSampleId :

Tgt Ion: 65 Resp: 126771

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.627 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

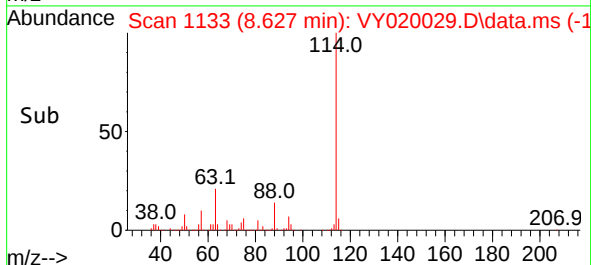
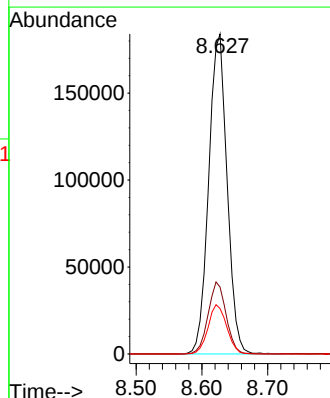
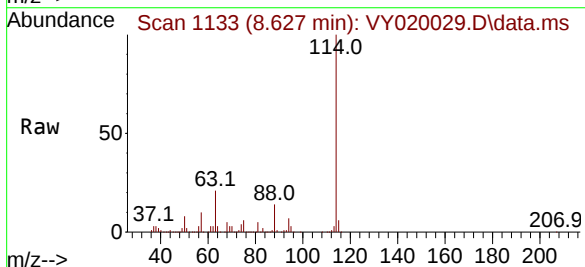
Tgt Ion: 114 Resp: 357320

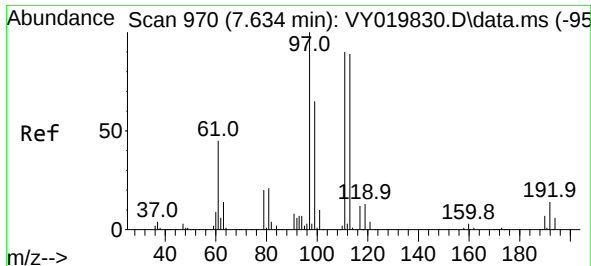
Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

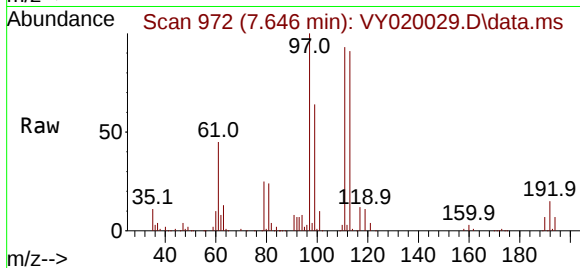
88 14.2 0.0 27.2



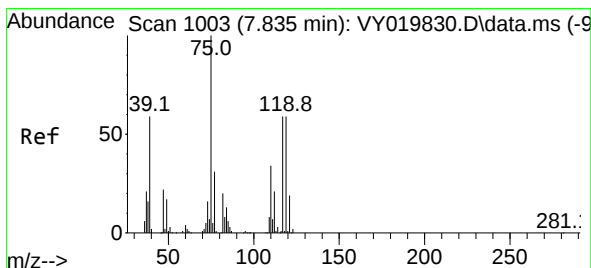
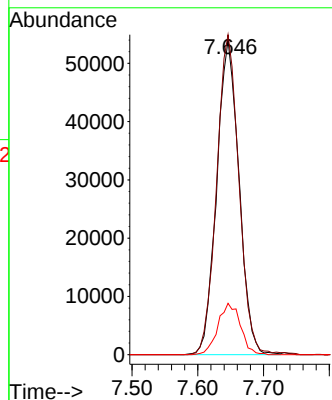
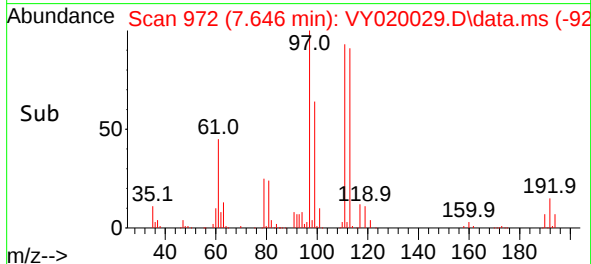


#35
Dibromofluoromethane
Concen: 53.961 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

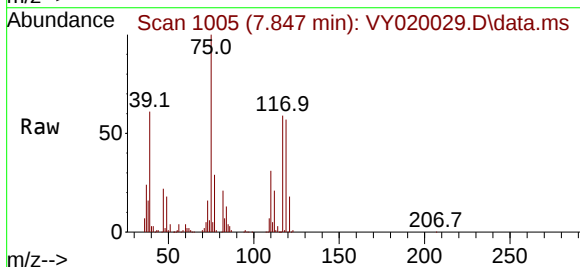
Instrument :
MSVOA_Y
ClientSampleId :



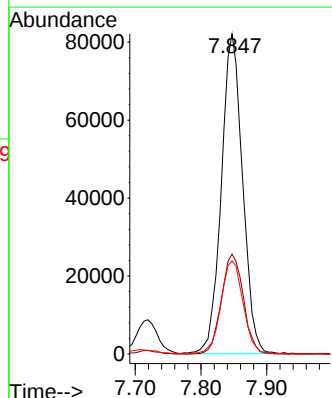
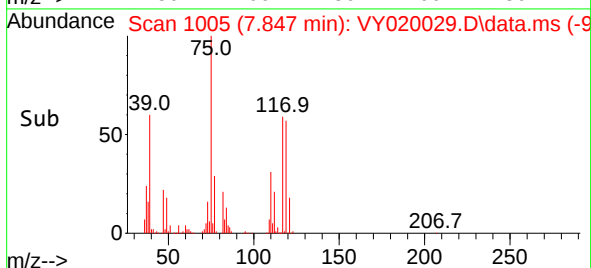
Tgt Ion:113 Resp: 127235
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 16.5 15.9 23.9

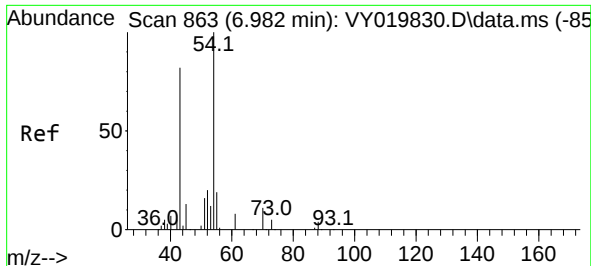


#36
1,1-Dichloropropene
Concen: 54.300 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29



Tgt Ion: 75 Resp: 184456
Ion Ratio Lower Upper
75 100
110 32.2 19.0 57.0
77 30.5 25.3 37.9





#37

Ethyl Acetate

Concen: 48.434 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

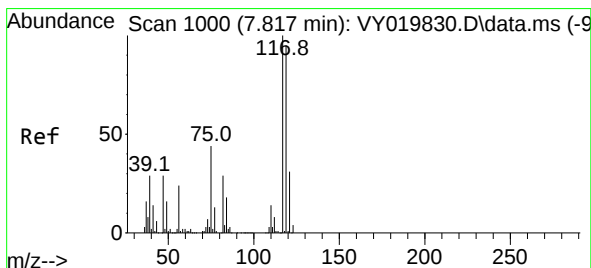
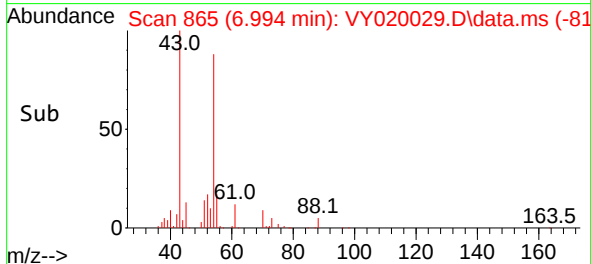
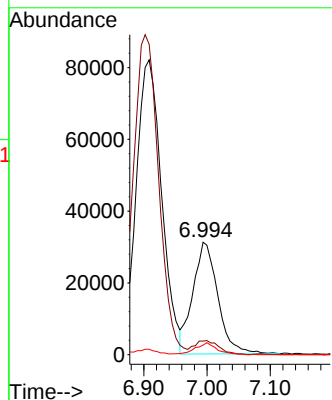
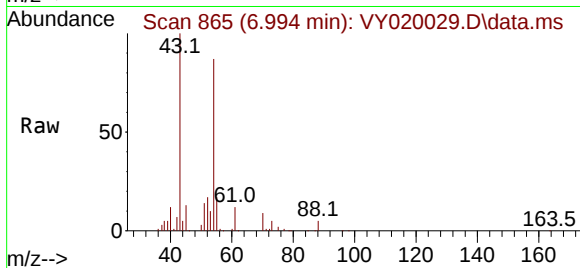
Tgt Ion: 43 Resp: 85793

Ion Ratio Lower Upper

43 100

61 12.4 12.6 19.0#

70 9.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.562 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

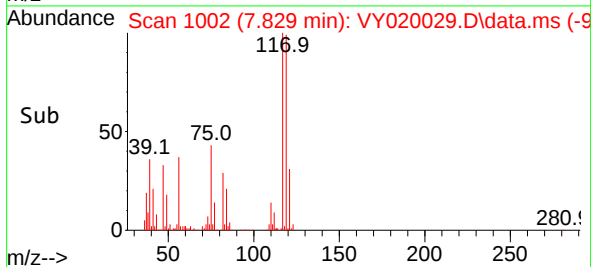
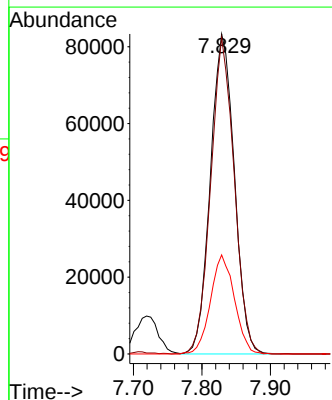
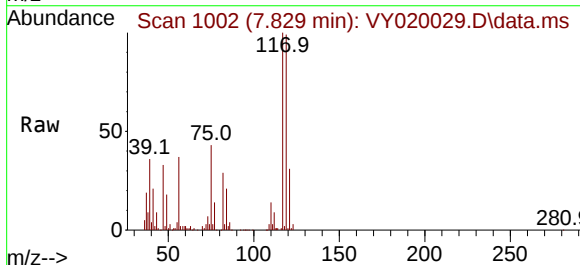
Tgt Ion: 117 Resp: 202338

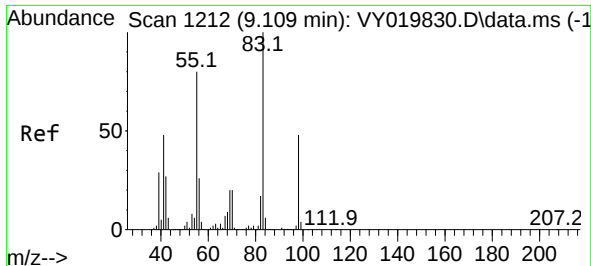
Ion Ratio Lower Upper

117 100

119 98.8 75.8 113.6

121 30.9 24.0 36.0





#39

Methylcyclohexane

Concen: 50.535 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

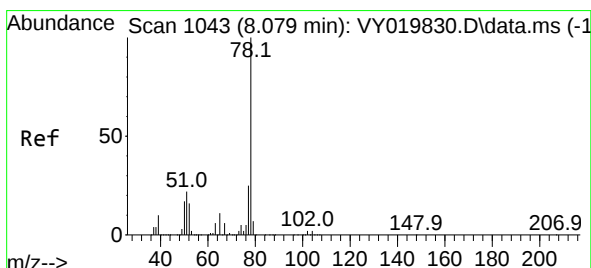
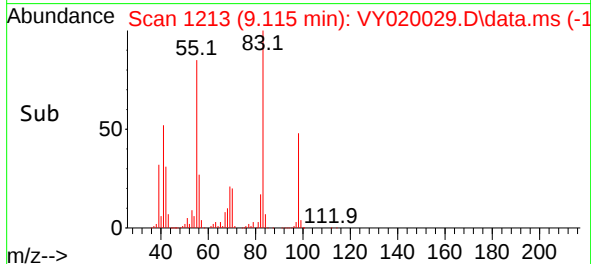
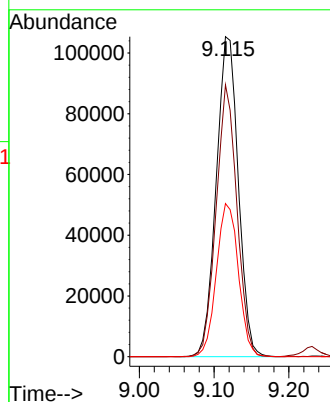
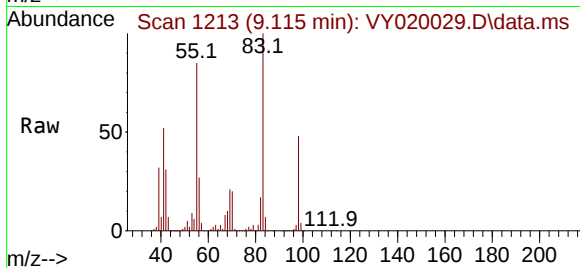
Tgt Ion: 83 Resp: 216299

Ion Ratio Lower Upper

83 100

55 84.9 51.5 77.3#

98 47.8 40.5 60.7



#40

Benzene

Concen: 55.502 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY020029.D

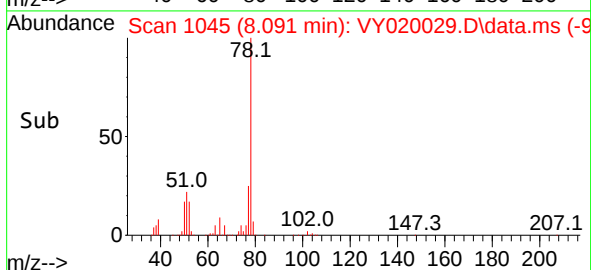
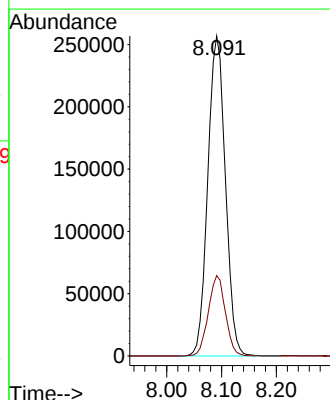
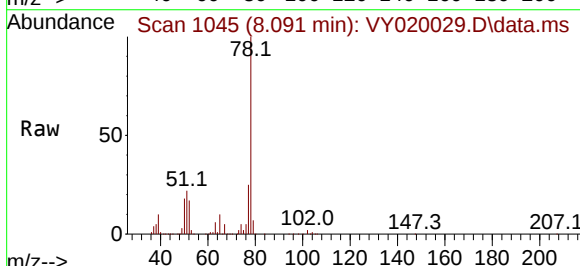
Acq: 28 Oct 2024 09:29

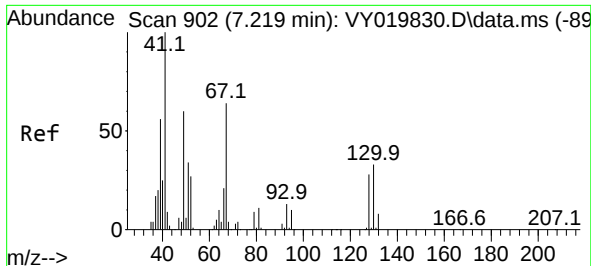
Tgt Ion: 78 Resp: 570603

Ion Ratio Lower Upper

78 100

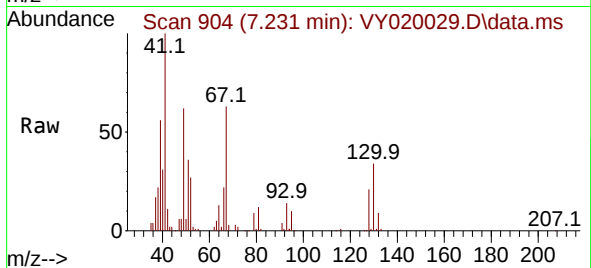
77 25.1 19.5 29.3



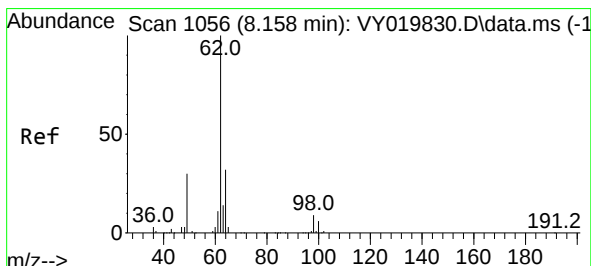
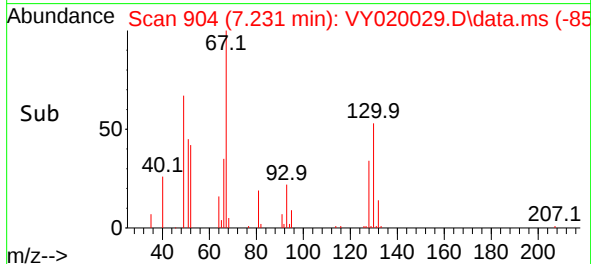
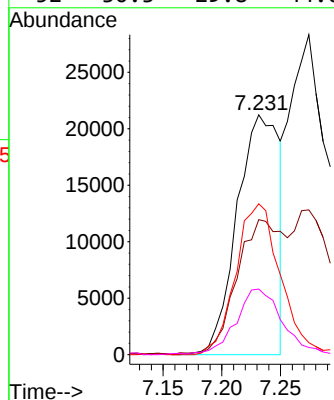


#41
Methacrylonitrile
Concen: 55.435 ug/l
RT: 7.231 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Instrument :
MSVOA_Y
ClientSampleId :

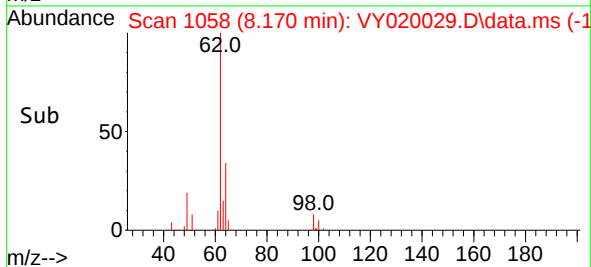
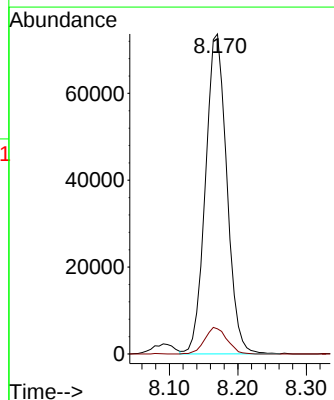
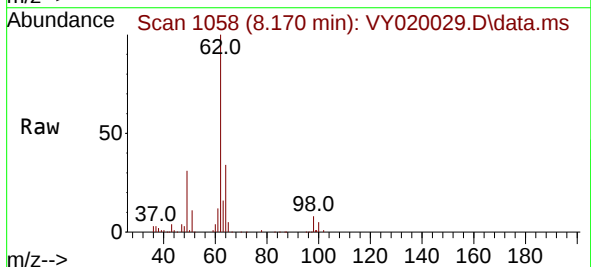


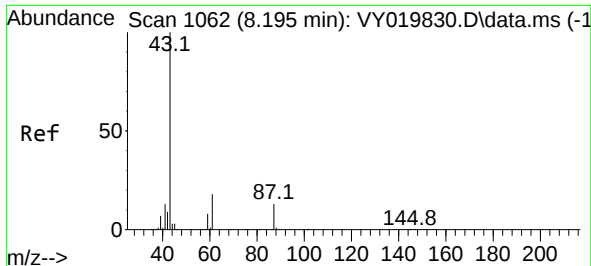
Tgt Ion:	41	Resp:	53145
Ion	Ratio	Lower	Upper
41	100		
39	63.9	48.0	72.0
67	66.8	75.1	112.7
52	30.3	29.8	44.6



#42
1,2-Dichloroethane
Concen: 54.043 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion:	62	Resp:	159618
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	22.0

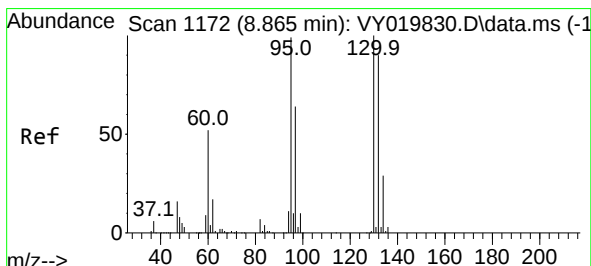
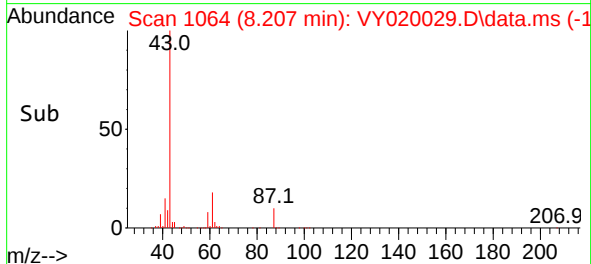
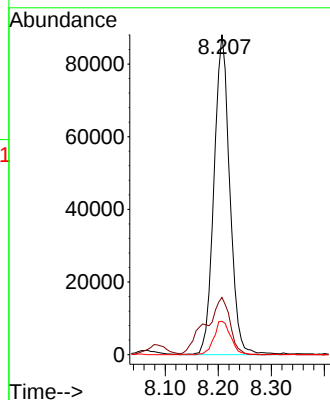
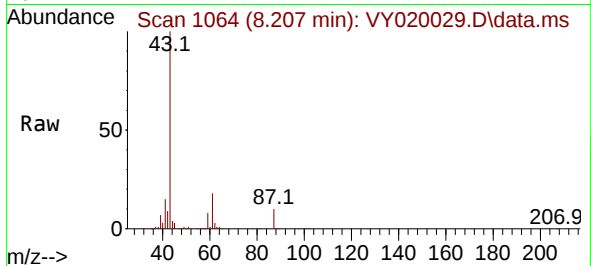




#43
Isopropyl Acetate
Concen: 50.350 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

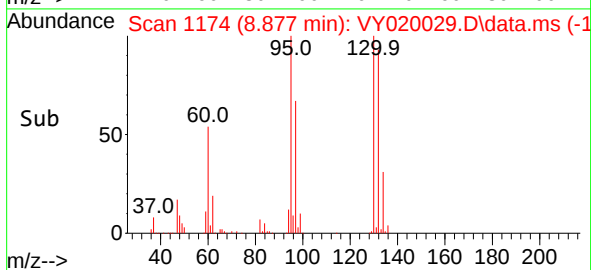
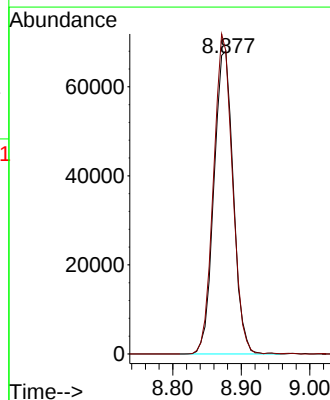
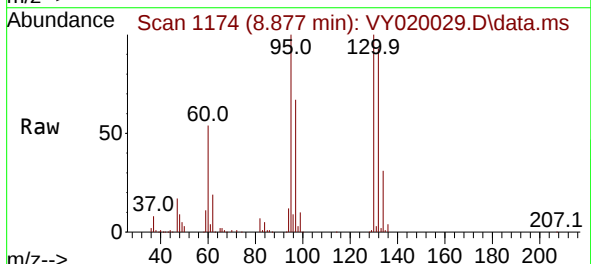
Instrument :
MSVOA_Y
ClientSampleId :

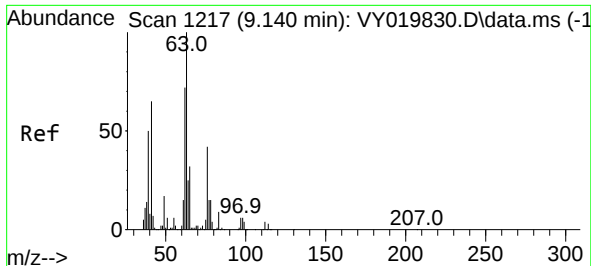
Tgt Ion: 43 Resp: 181886
Ion Ratio Lower Upper
43 100
61 27.7 27.9 41.9#
87 11.1 13.1 19.7#



#44
Trichloroethene
Concen: 53.575 ug/l
RT: 8.877 min Scan# 1174
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion:130 Resp: 133402
Ion Ratio Lower Upper
130 100
95 100.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 56.998 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.012 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

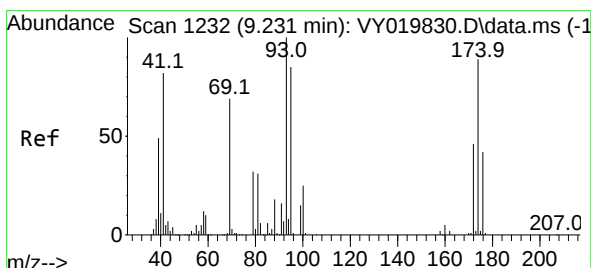
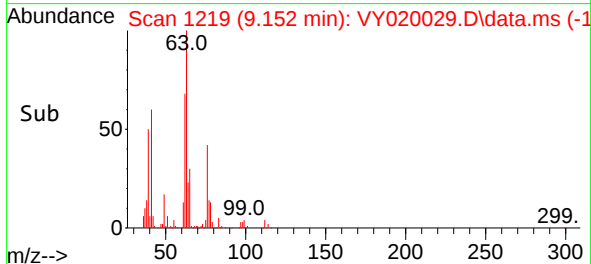
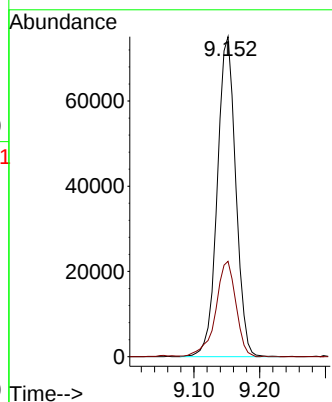
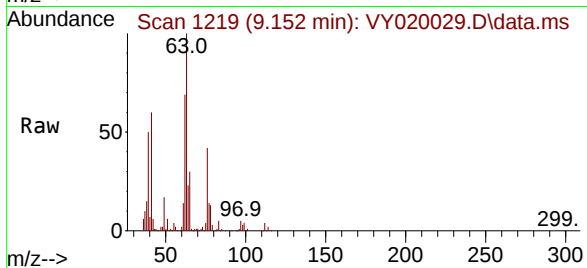
ClientSampleId :

Tgt Ion: 63 Resp: 146668

Ion Ratio Lower Upper

63 100

65 29.8 25.4 38.2



#46

Dibromomethane

Concen: 52.665 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

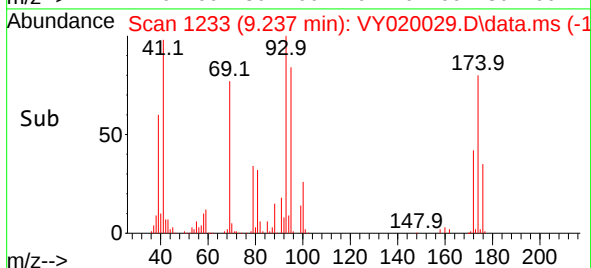
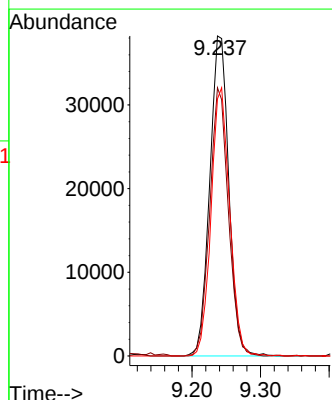
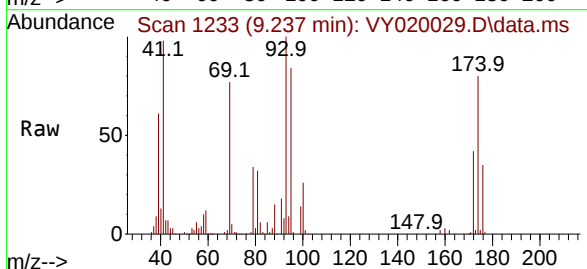
Tgt Ion: 93 Resp: 74041

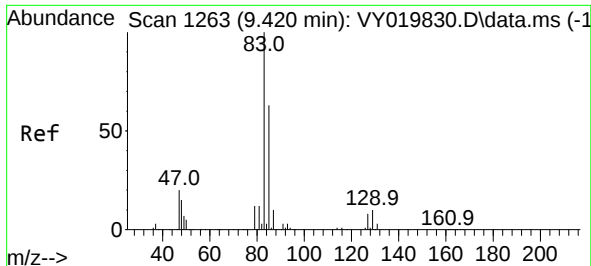
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

174 81.7 80.9 121.3

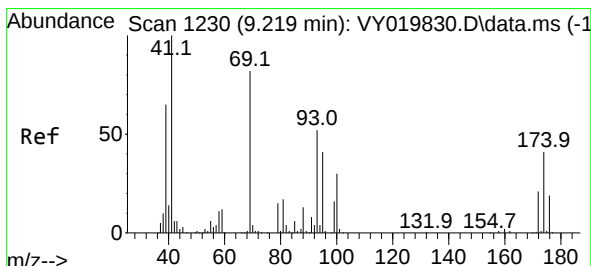
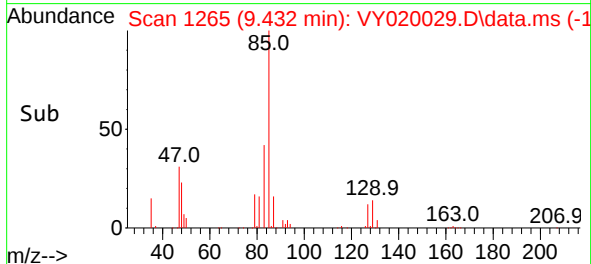
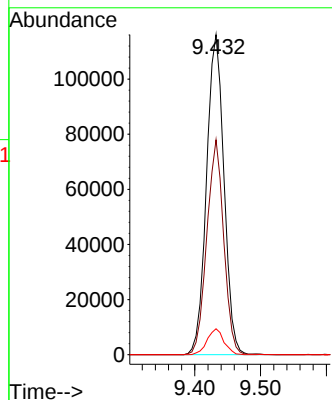
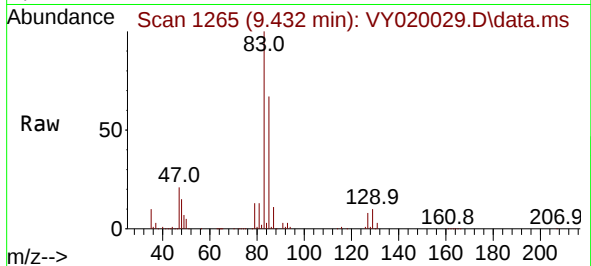




#47
Bromodichloromethane
Concen: 57.373 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

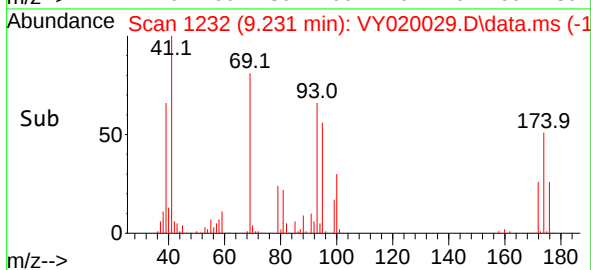
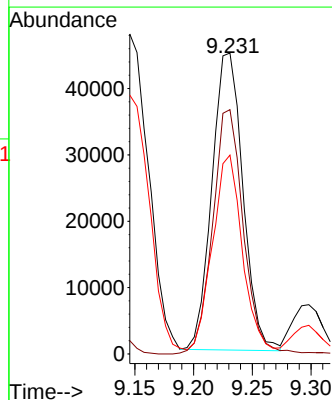
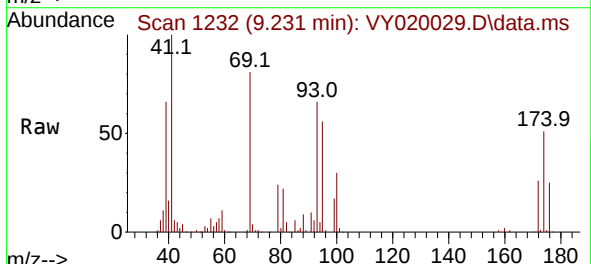
Instrument :
MSVOA_Y
ClientSampleId :

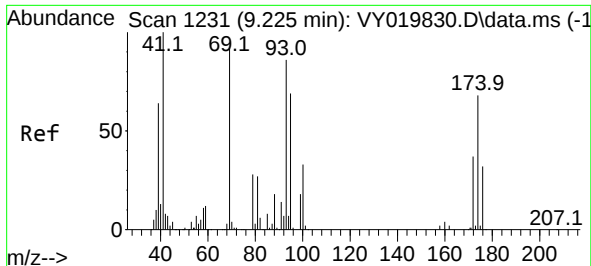
Tgt Ion: 83 Resp: 214099
Ion Ratio Lower Upper
83 100
85 67.2 50.1 75.1
127 8.1 7.4 11.0



#48
Methyl methacrylate
Concen: 51.738 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 41 Resp: 82213
Ion Ratio Lower Upper
41 100
69 81.7 84.1 126.1#
39 64.4 43.6 65.4





#49

1,4-Dioxane

Concen: 952.008 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

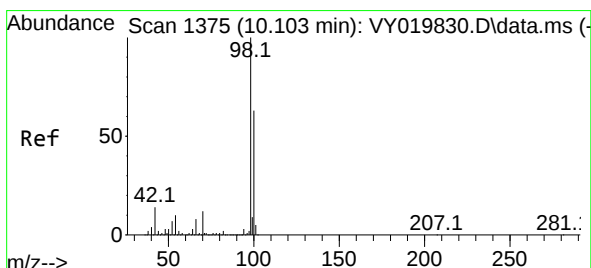
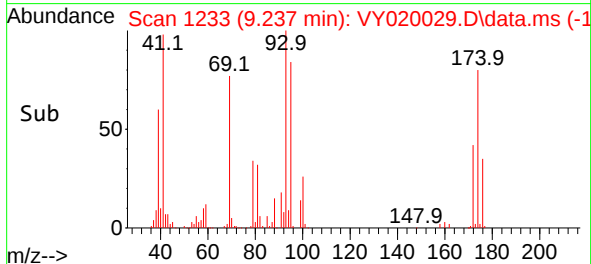
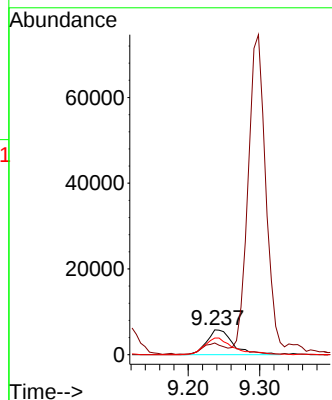
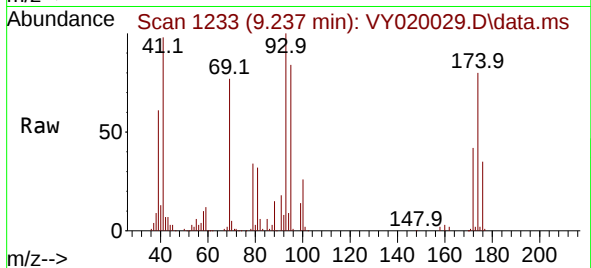
Tgt Ion: 88 Resp: 14980

Ion Ratio Lower Upper

88 100

43 35.3 0.0 0.0#

58 73.8 49.3 73.9



#50

Toluene-d8

Concen: 52.284 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020029.D

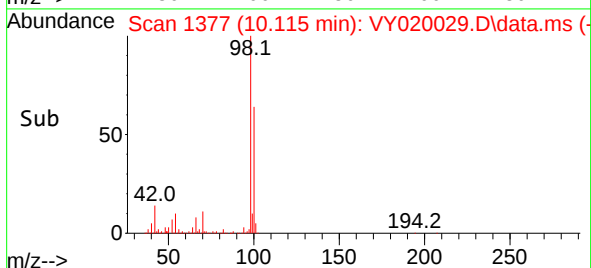
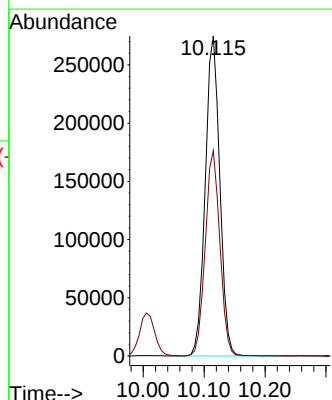
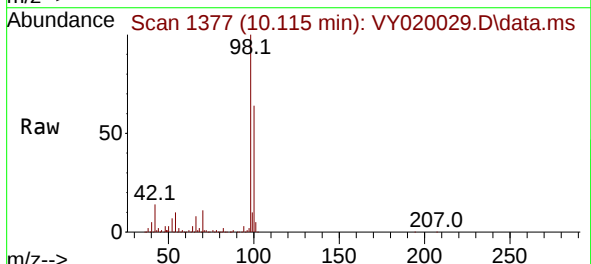
Acq: 28 Oct 2024 09:29

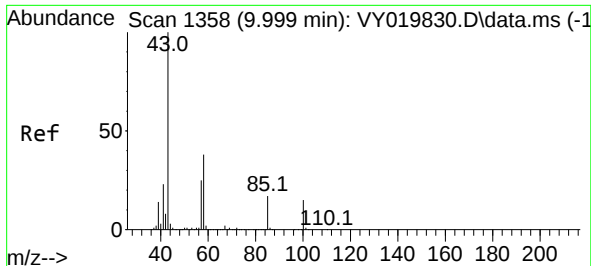
Tgt Ion: 98 Resp: 455263

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 257.904 ug/l

RT: 10.005 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

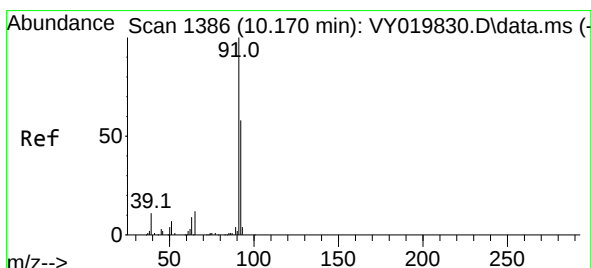
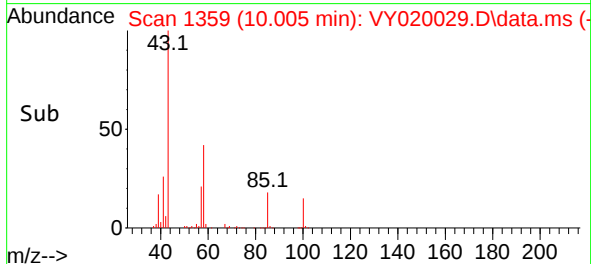
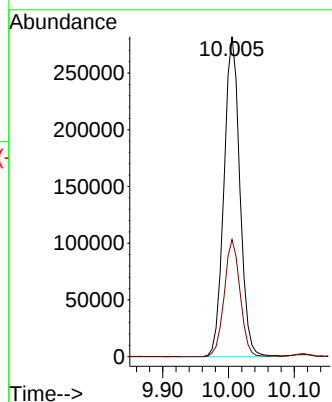
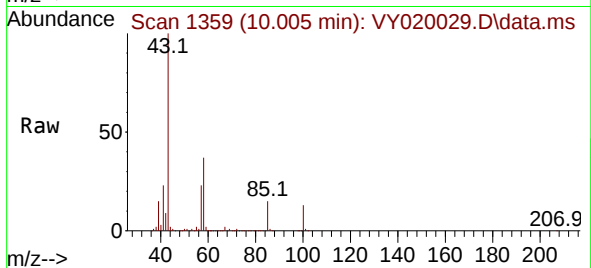
ClientSampleId :

Tgt Ion: 43 Resp: 475210

Ion Ratio Lower Upper

43 100

58 36.5 35.7 53.5



#52

Toluene

Concen: 56.497 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY020029.D

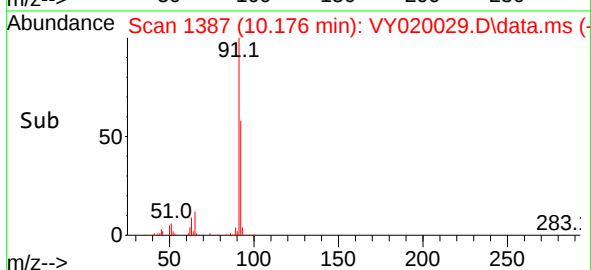
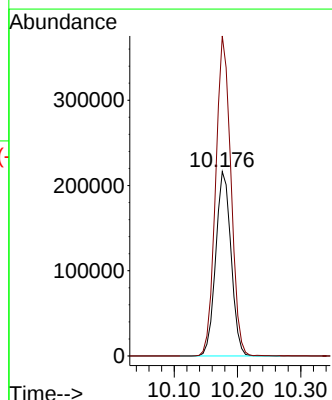
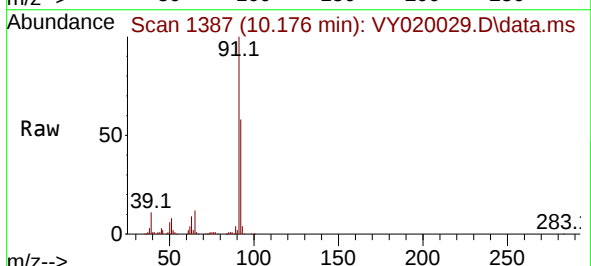
Acq: 28 Oct 2024 09:29

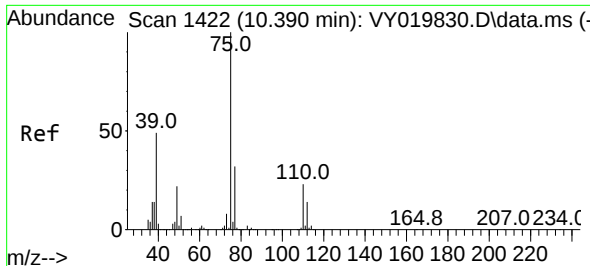
Tgt Ion: 92 Resp: 362556

Ion Ratio Lower Upper

92 100

91 172.9 139.0 208.6

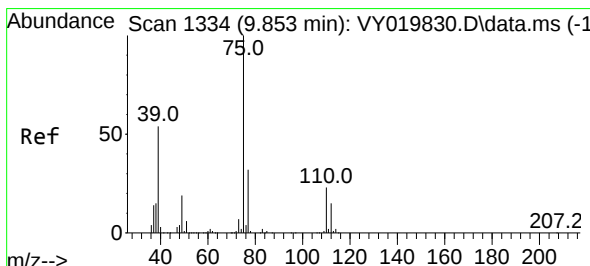
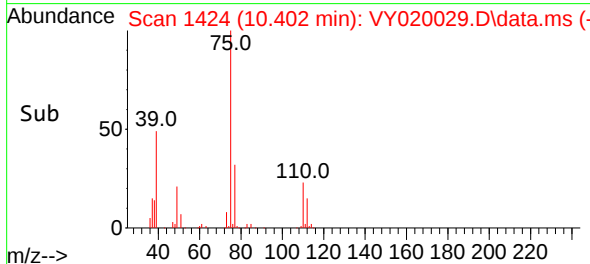
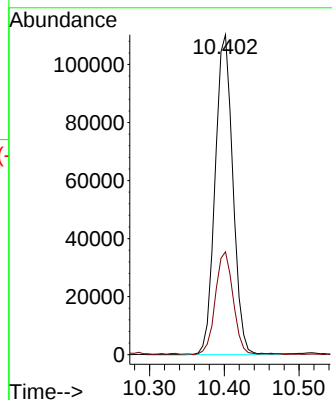
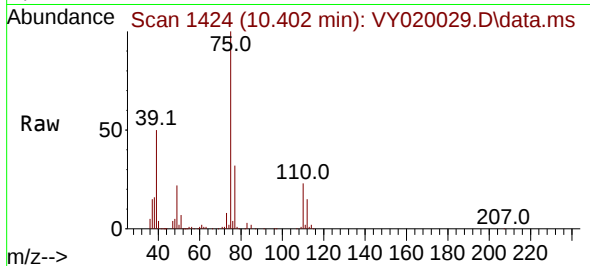




#53
 t-1,3-Dichloropropene
 Concen: 54.321 ug/l
 RT: 10.402 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY020029.D
 Acq: 28 Oct 2024 09:29

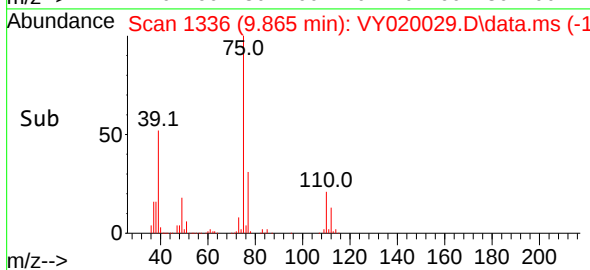
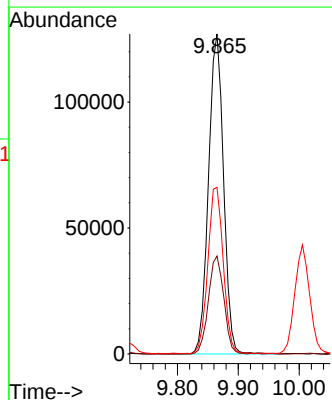
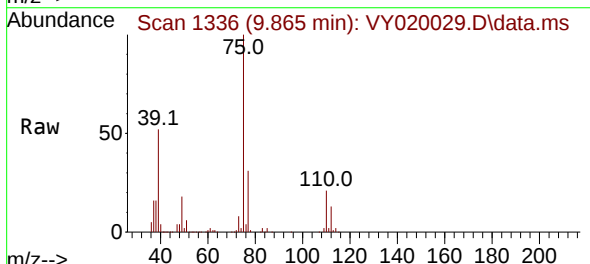
Instrument :
 MSVOA_Y
 ClientSampleId :

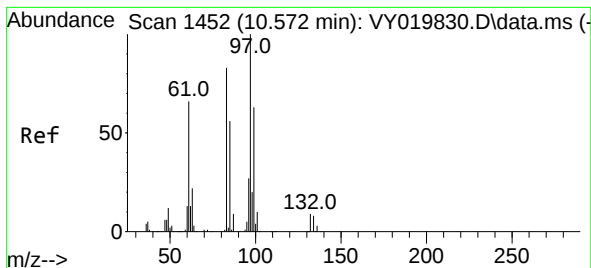
Tgt Ion: 75 Resp: 182389
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 54.911 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY020029.D
 Acq: 28 Oct 2024 09:29

Tgt Ion: 75 Resp: 217550
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 52.0 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 53.729 ug/l

RT: 10.578 min Scan# 1452

Delta R.T. 0.006 min

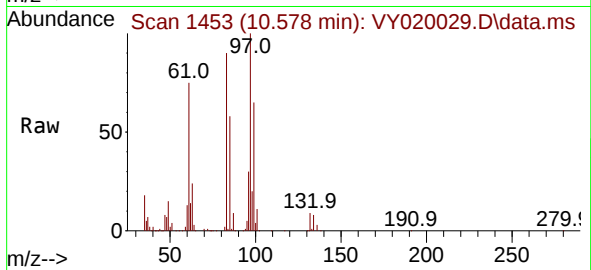
Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 99521

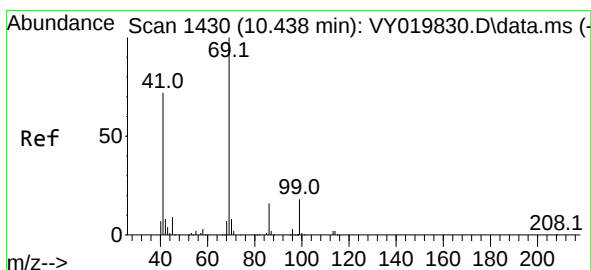
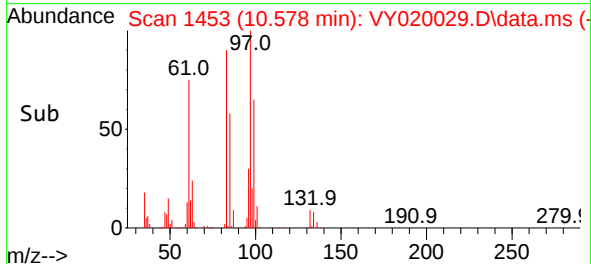
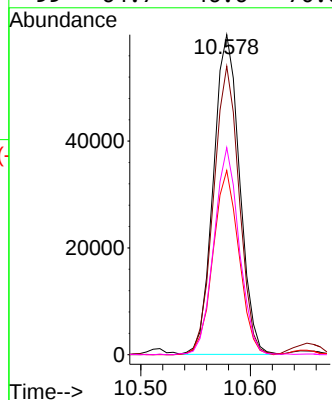
Ion Ratio Lower Upper

97 100

83 90.1 67.5 101.3

85 57.5 42.9 64.3

99 64.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 51.720 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

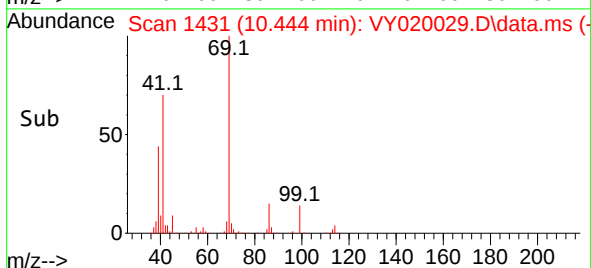
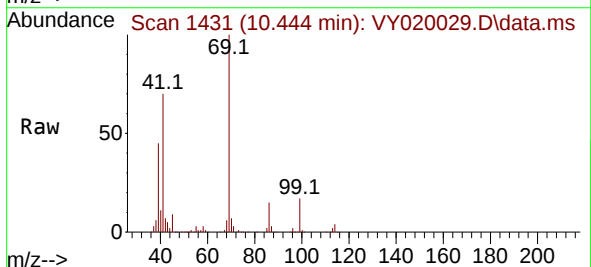
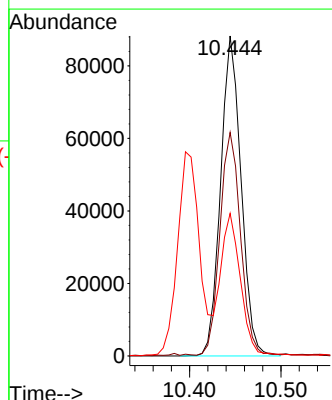
Tgt Ion: 69 Resp: 137463

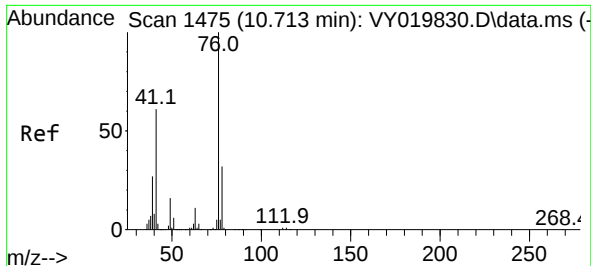
Ion Ratio Lower Upper

69 100

41 70.2 42.3 63.5#

39 41.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 54.361 ug/l

RT: 10.725 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

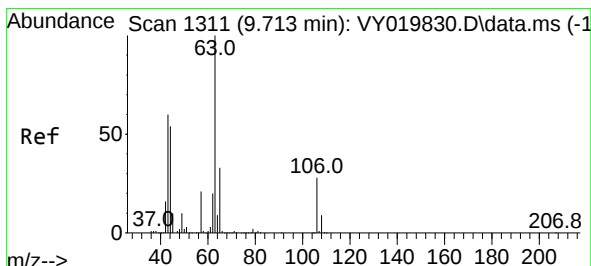
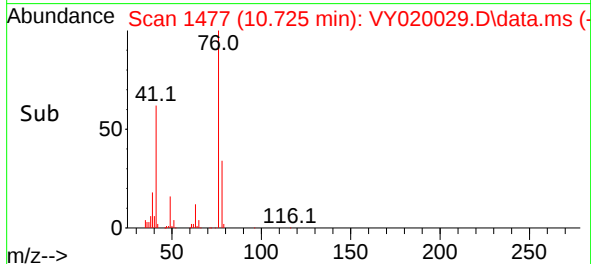
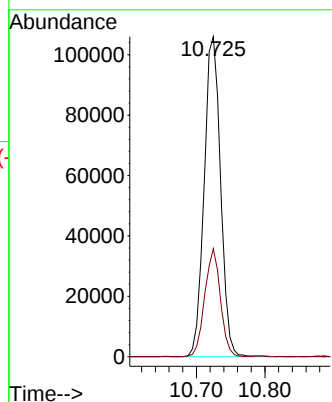
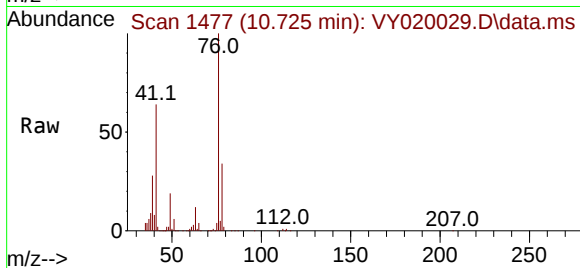
ClientSampleId :

Tgt Ion: 76 Resp: 176829

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 276.525 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020029.D

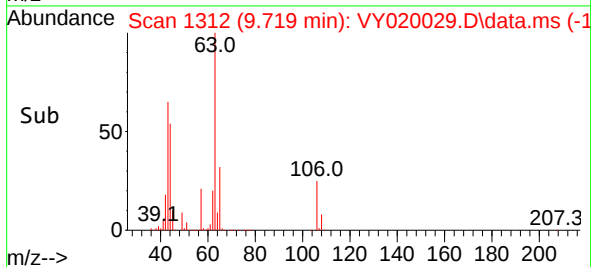
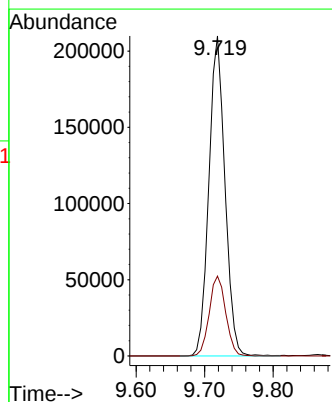
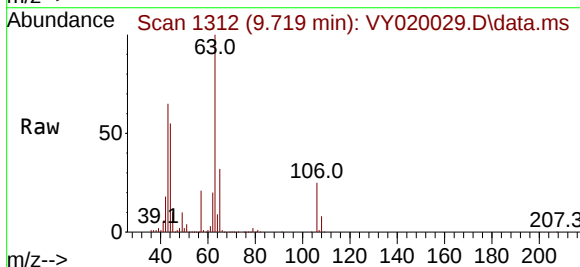
Acq: 28 Oct 2024 09:29

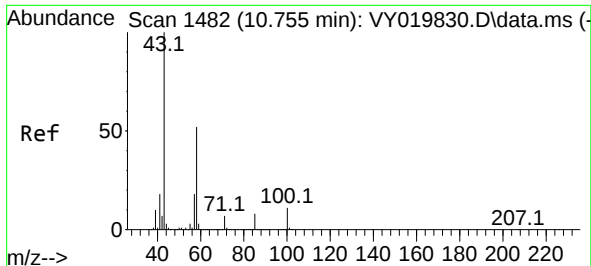
Tgt Ion: 63 Resp: 342145

Ion Ratio Lower Upper

63 100

106 25.5 23.7 35.5

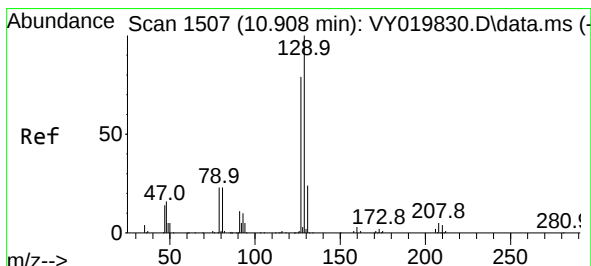
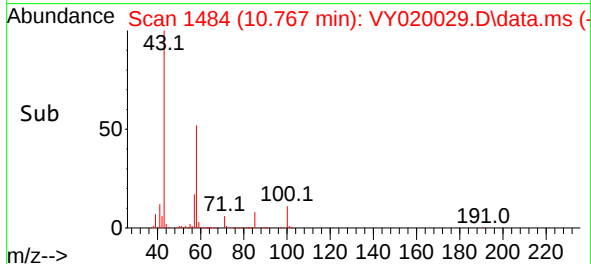
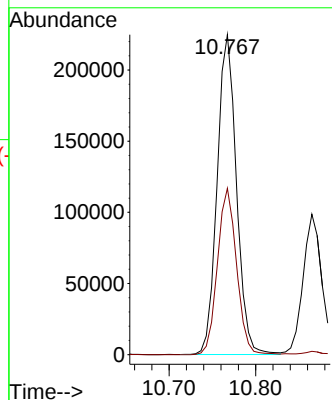
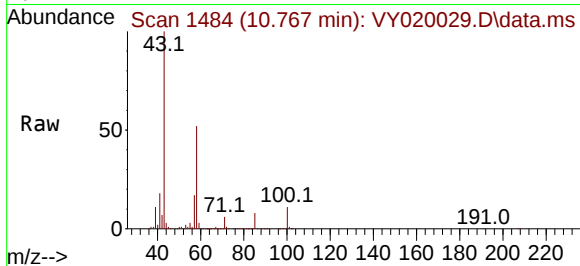




#59
2-Hexanone
Concen: 264.753 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

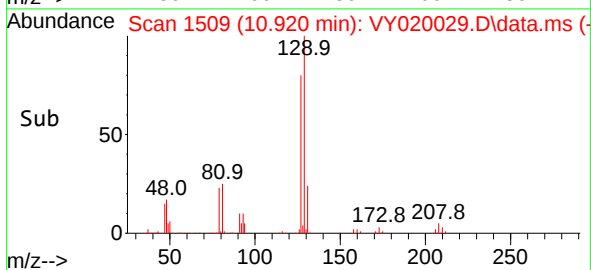
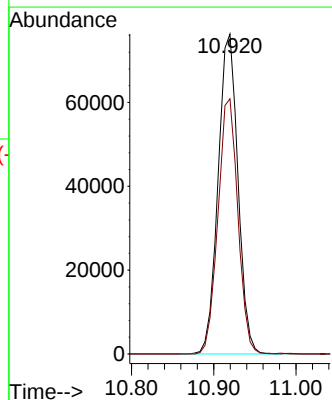
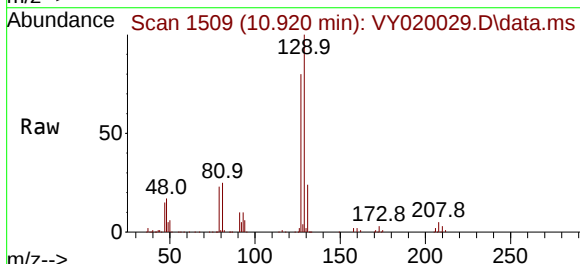
Instrument :
MSVOA_Y
ClientSampleId :

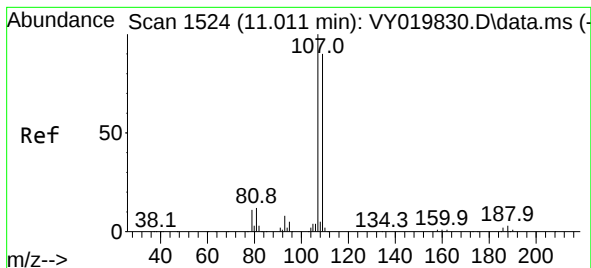
Tgt Ion: 43 Resp: 348423
Ion Ratio Lower Upper
43 100
58 51.4 31.4 94.0



#60
Dibromochloromethane
Concen: 53.776 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 129 Resp: 127848
Ion Ratio Lower Upper
129 100
127 79.9 39.0 117.0

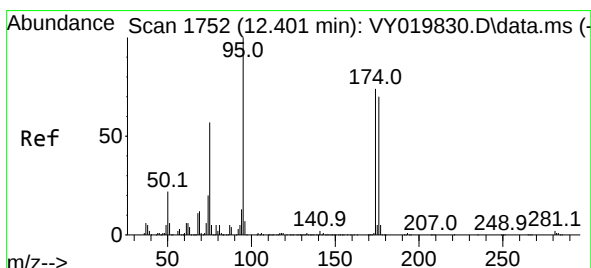
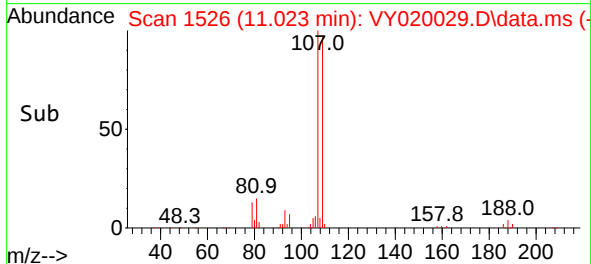
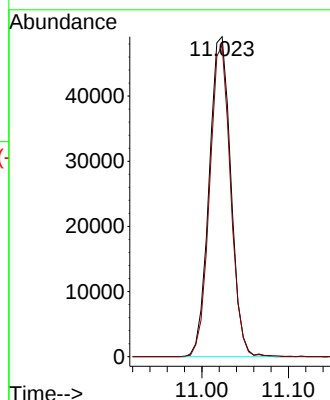
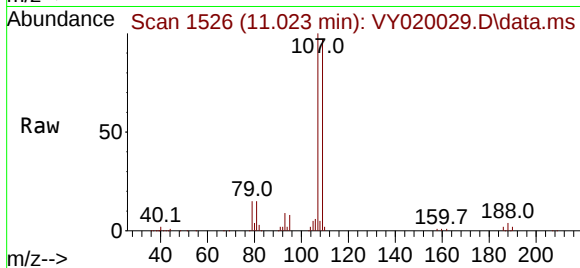




#61
1,2-Dibromoethane
Concen: 50.950 ug/l
RT: 11.023 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

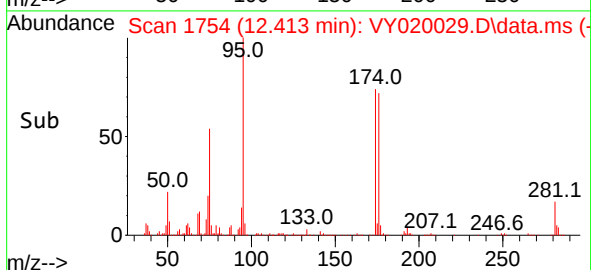
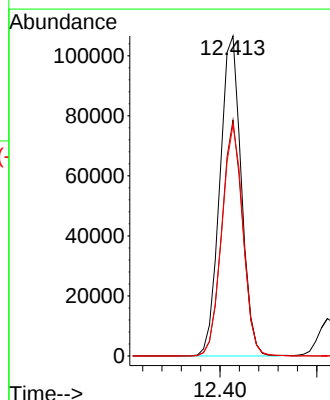
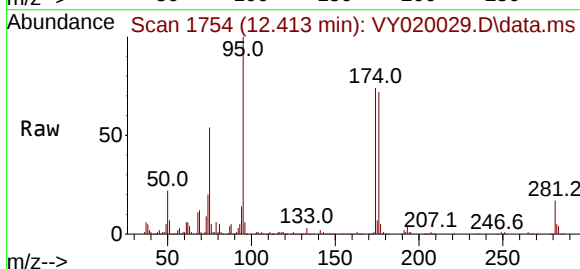
Instrument :
MSVOA_Y
ClientSampleId :

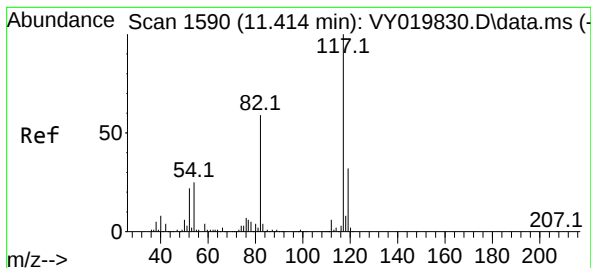
Tgt Ion:107 Resp: 85281
Ion Ratio Lower Upper
107 100
109 94.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.997 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 95 Resp: 163597
Ion Ratio Lower Upper
95 100
174 71.5 0.0 175.6
176 71.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

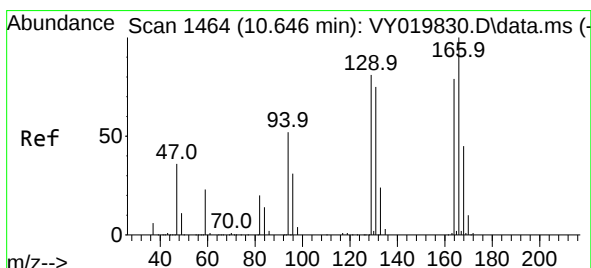
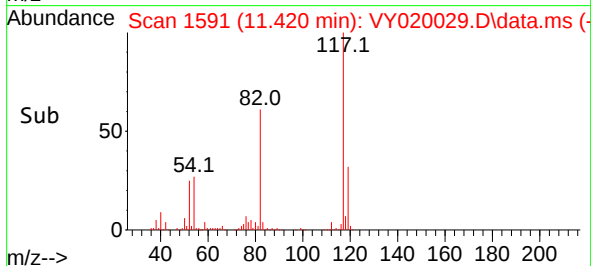
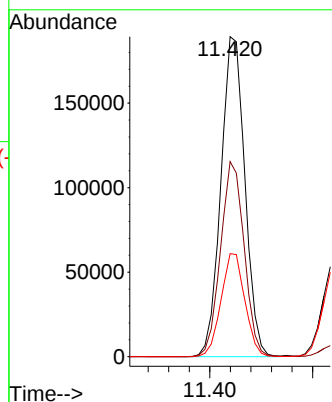
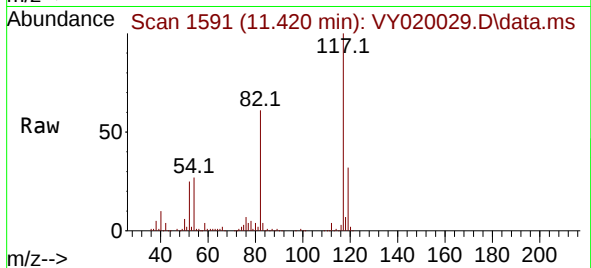
Tgt Ion:117 Resp: 306579

Ion Ratio Lower Upper

117 100

82 60.9 42.4 63.6

119 32.2 25.9 38.9



#64

Tetrachloroethene

Concen: 49.663 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Tgt Ion:164 Resp: 108297

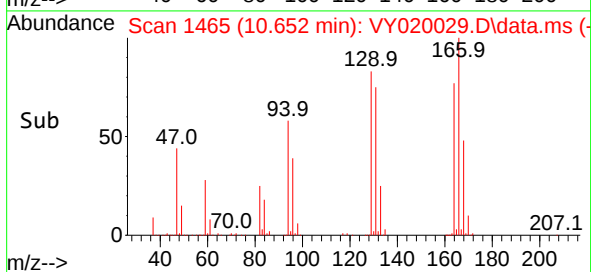
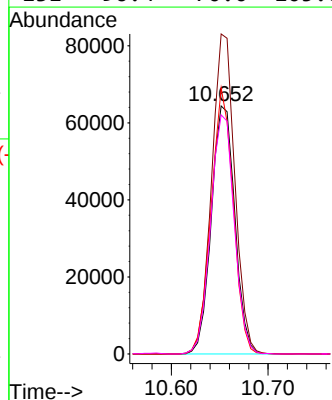
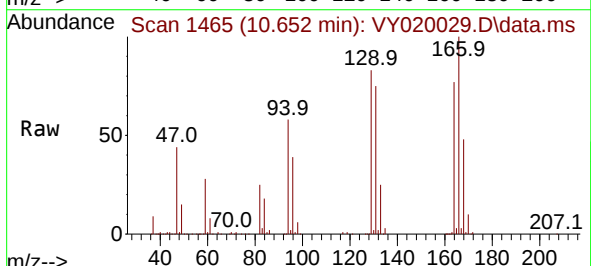
Ion Ratio Lower Upper

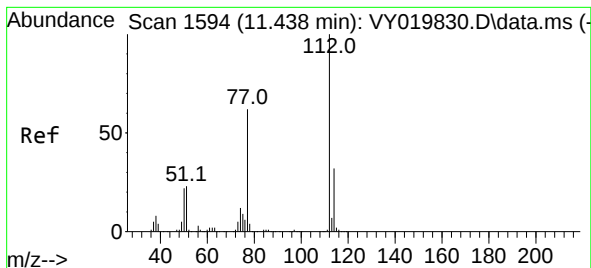
164 100

166 129.1 102.6 154.0

129 107.3 72.0 108.0

131 96.4 70.0 105.0





#65

Chlorobenzene

Concen: 55.011 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

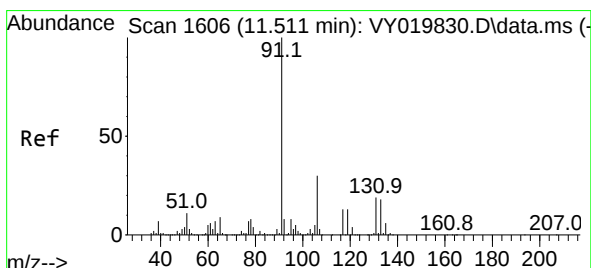
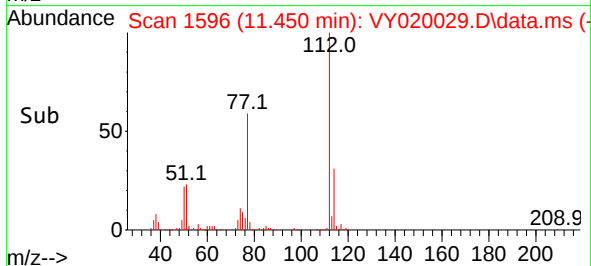
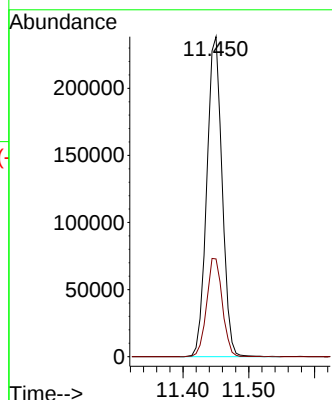
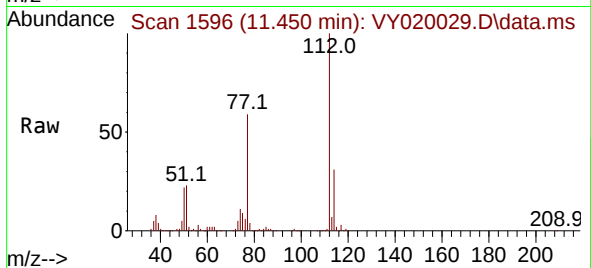
ClientSampleId :

Tgt Ion:112 Resp: 385750

Ion Ratio Lower Upper

112 100

114 30.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.920 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

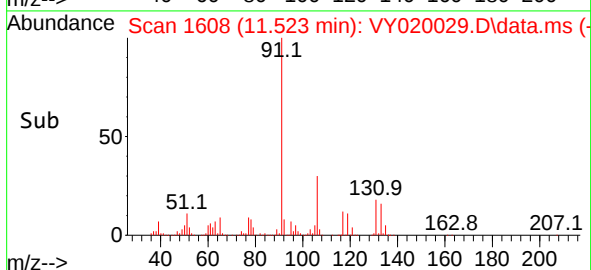
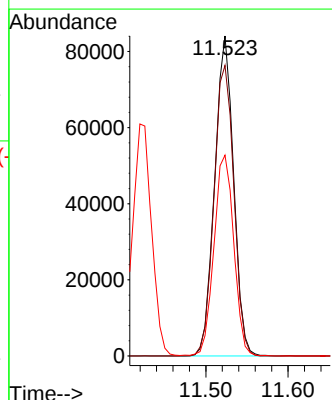
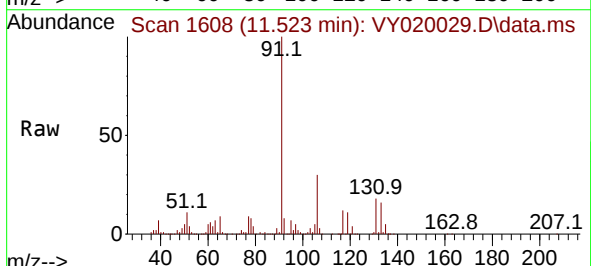
Tgt Ion:131 Resp: 135040

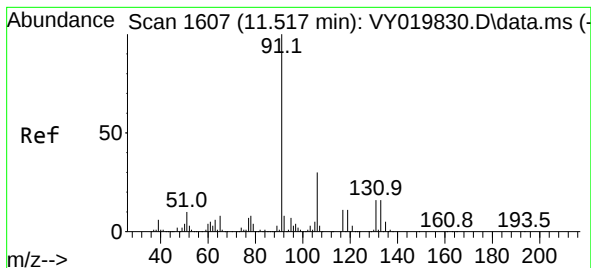
Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.3

119 65.5 34.1 102.2





#67

Ethyl Benzene

Concen: 56.751 ug/l

RT: 11.523 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

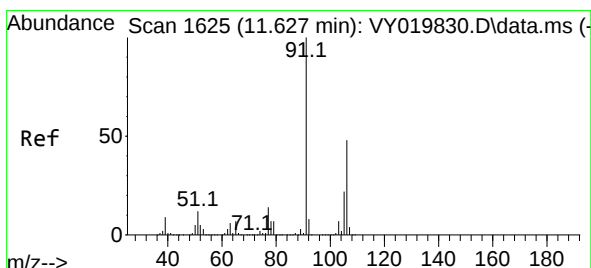
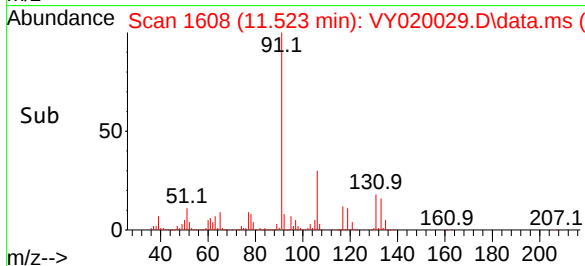
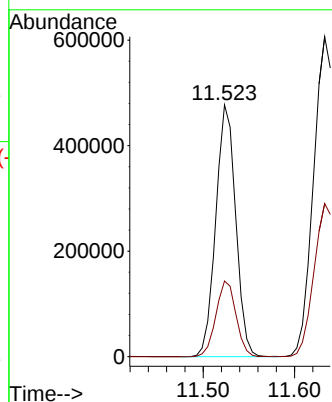
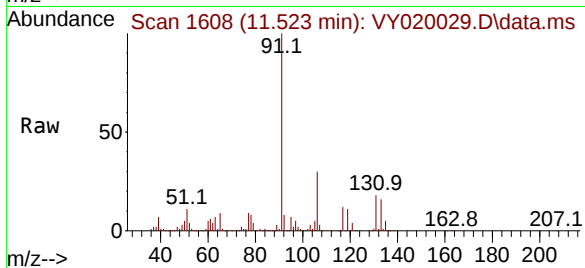
ClientSampleId :

Tgt Ion: 91 Resp: 722890

Ion Ratio Lower Upper

91 100

106 30.1 24.5 36.7



#68

m/p-Xylenes

Concen: 110.508 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020029.D

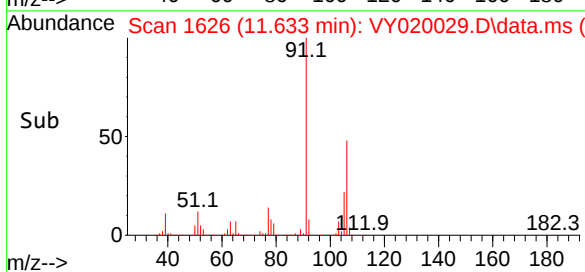
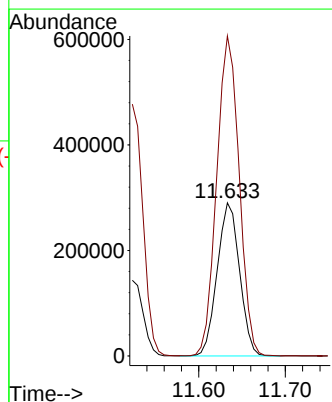
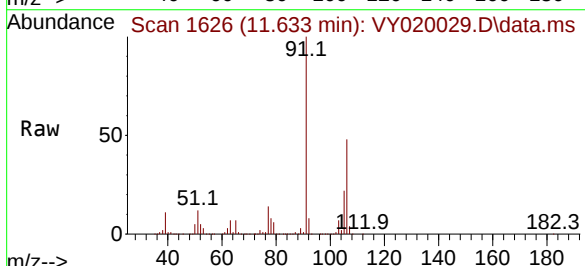
Acq: 28 Oct 2024 09:29

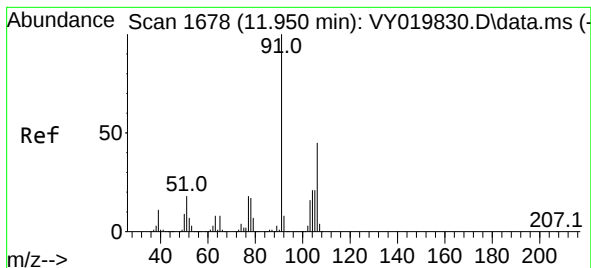
Tgt Ion:106 Resp: 519871

Ion Ratio Lower Upper

106 100

91 210.7 156.0 234.0





#69

o-Xylene

Concen: 54.869 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

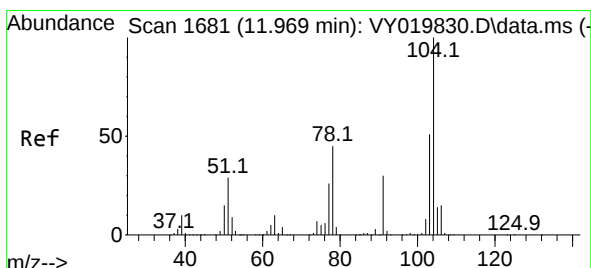
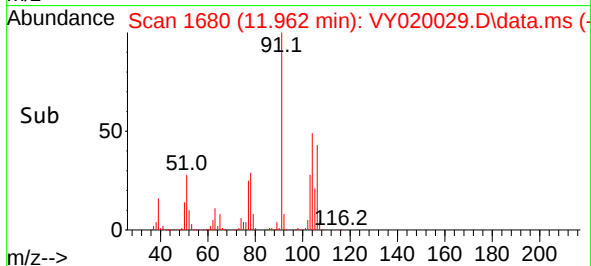
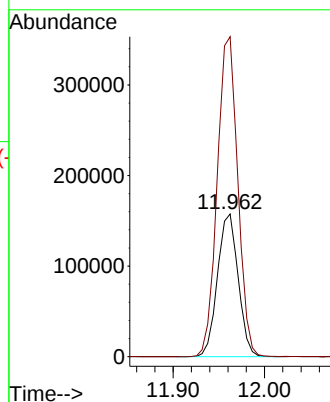
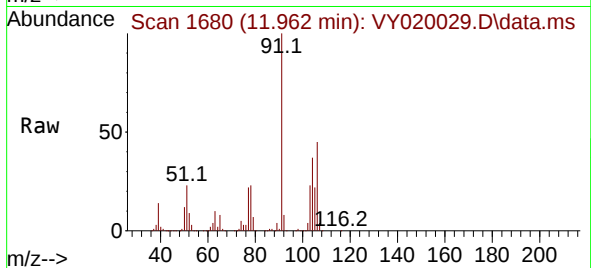
ClientSampleId :

Tgt Ion:106 Resp: 248010

Ion Ratio Lower Upper

106 100

91 223.3 103.6 310.8



#70

Styrene

Concen: 56.879 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

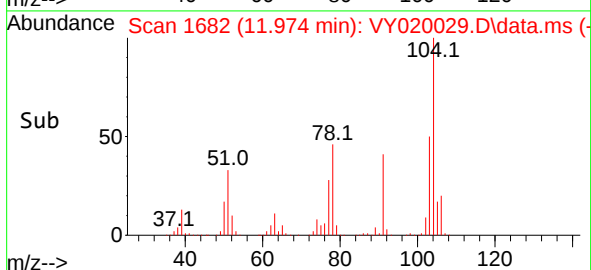
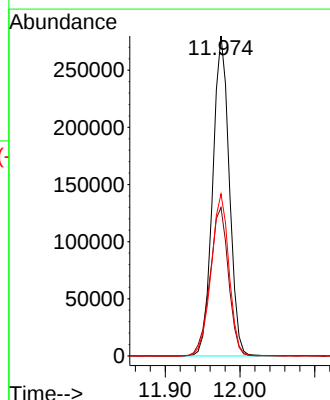
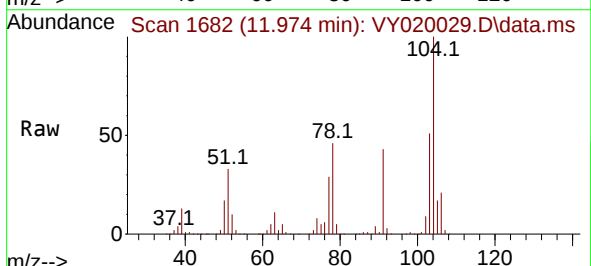
Tgt Ion:104 Resp: 433757

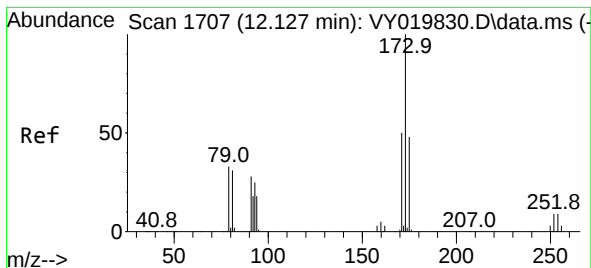
Ion Ratio Lower Upper

104 100

78 51.5 37.0 55.4

103 54.3 44.2 66.2





#71

Bromoform

Concen: 52.419 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

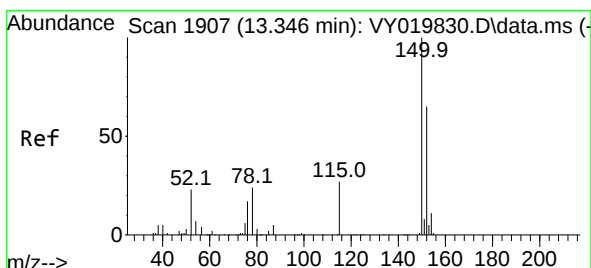
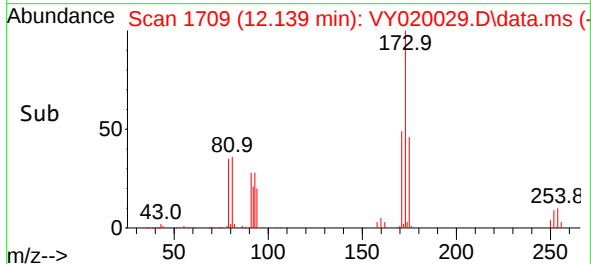
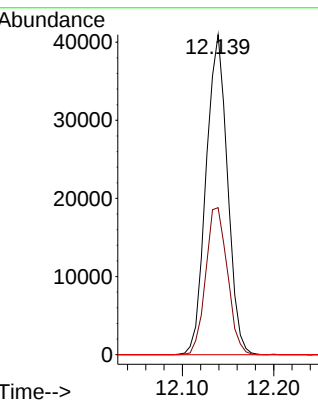
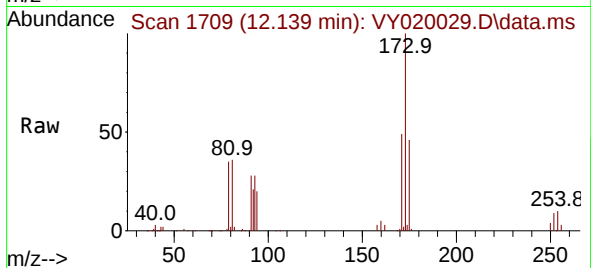
Tgt Ion:173 Resp: 66575

Ion Ratio Lower Upper

173 100

175 46.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

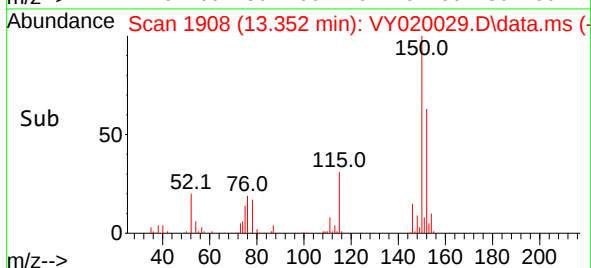
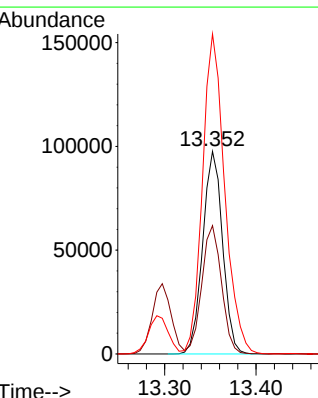
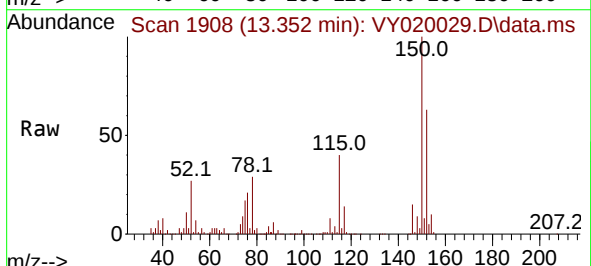
Tgt Ion:152 Resp: 147527

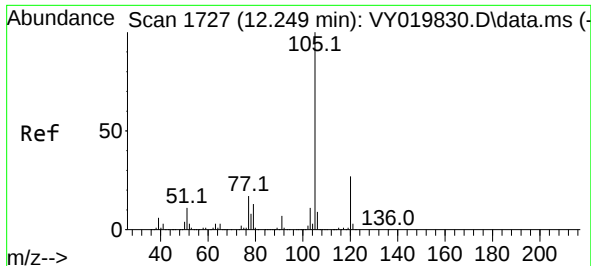
Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 175.7 0.0 345.6

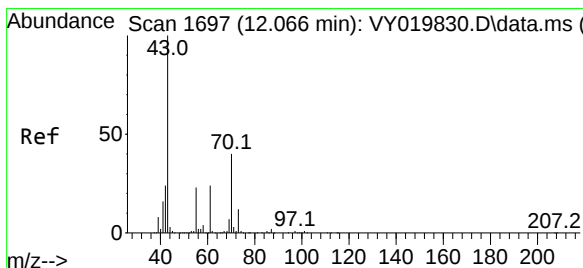
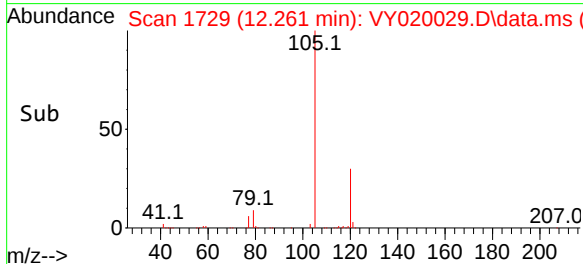
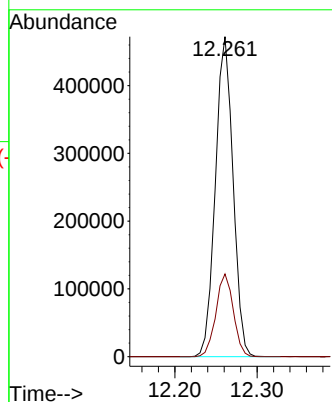
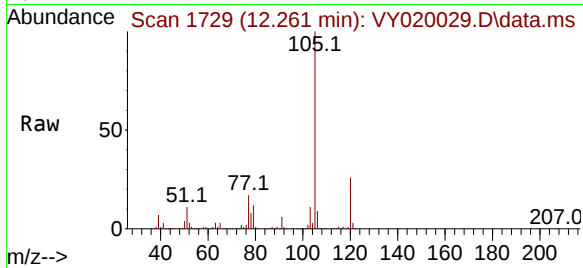




#73
Isopropylbenzene
Concen: 56.664 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

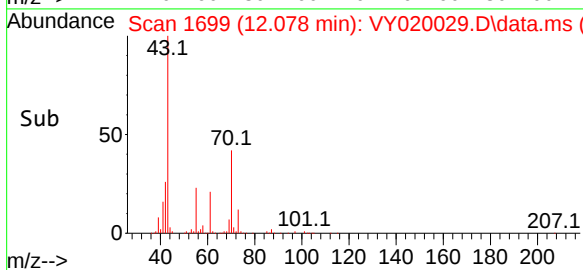
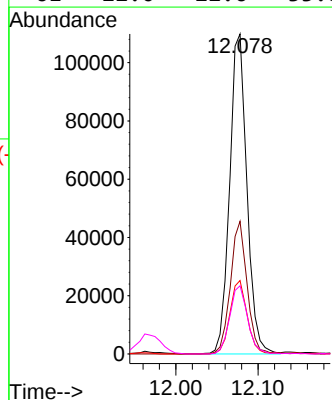
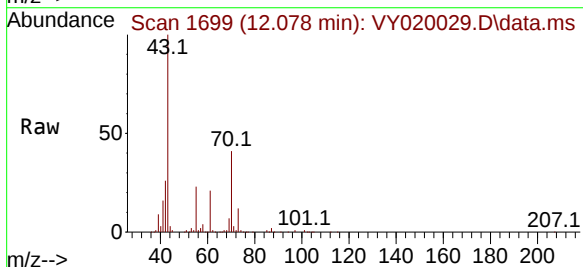
Instrument :
MSVOA_Y
ClientSampleId :

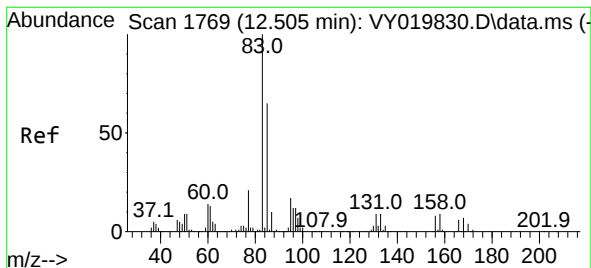
Tgt Ion:105 Resp: 703143
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 48.768 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 43 Resp: 160282
Ion Ratio Lower Upper
43 100
70 40.1 41.4 62.2#
55 23.0 23.3 34.9#
61 22.0 22.6 33.8#

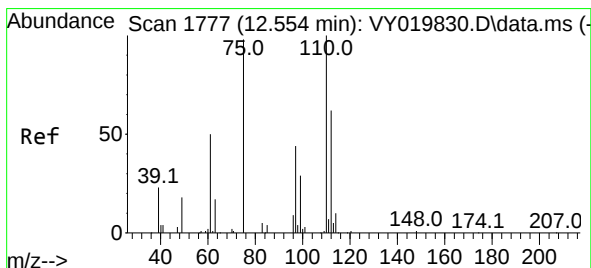
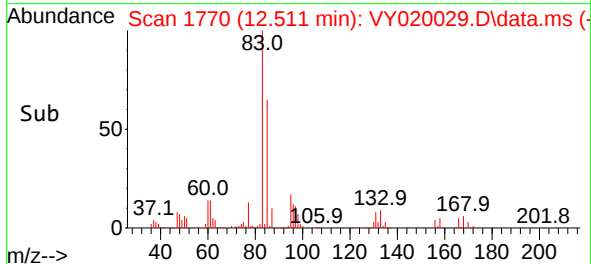
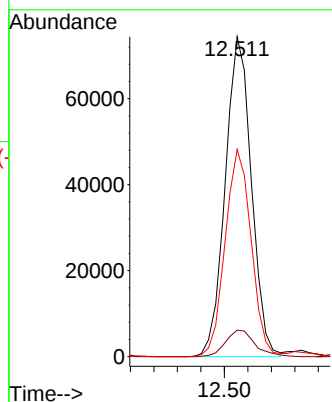
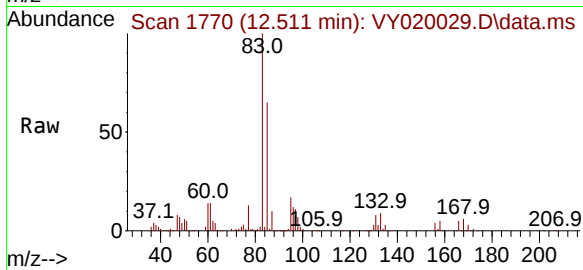




#75
1,1,2-Tetrachloroethane
Concen: 52.184 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

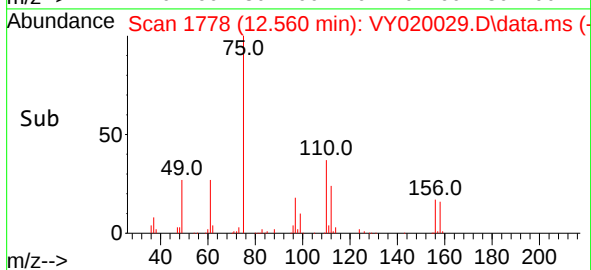
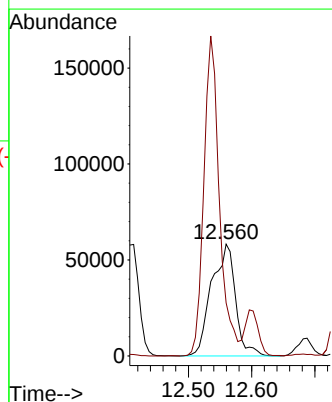
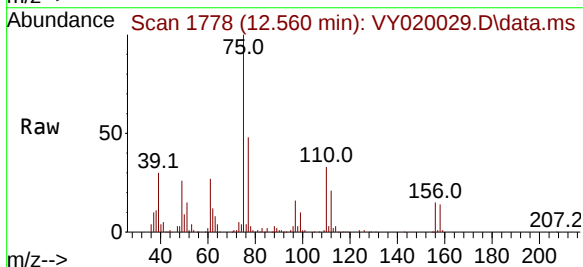
Instrument :
MSVOA_Y
ClientSampleId :

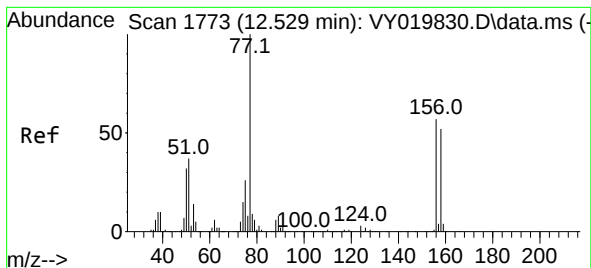
Tgt Ion: 83 Resp: 115061
Ion Ratio Lower Upper
83 100
131 9.3 5.0 14.9
85 64.8 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 52.904 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 75 Resp: 152894
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.940 ug/l

RT: 12.541 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

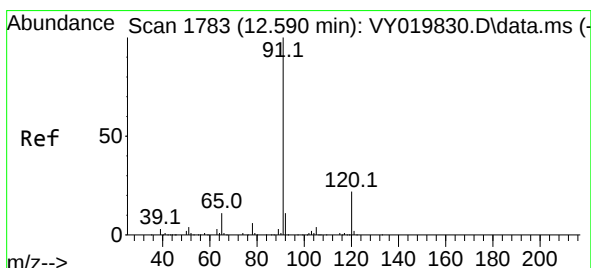
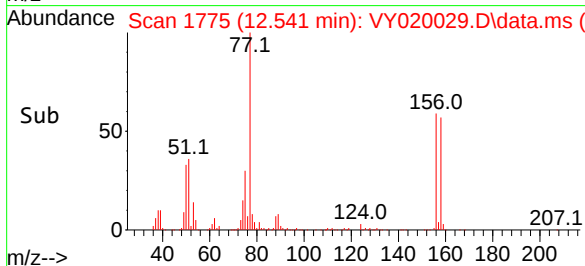
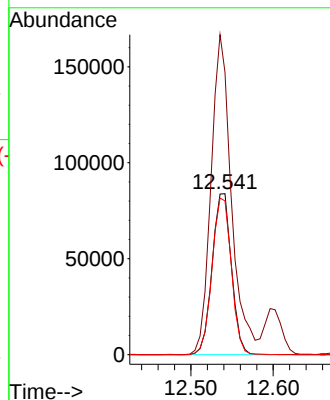
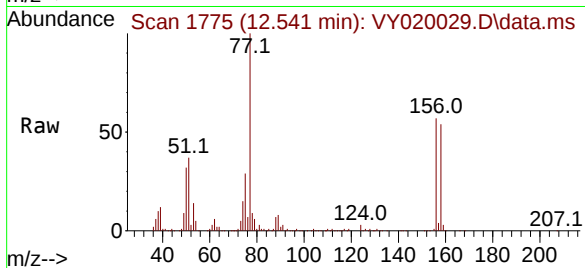
Tgt Ion:156 Resp: 136772

Ion Ratio Lower Upper

156 100

77 209.1 87.1 261.3

158 97.1 48.6 145.9



#78

n-propylbenzene

Concen: 57.434 ug/l

RT: 12.602 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020029.D

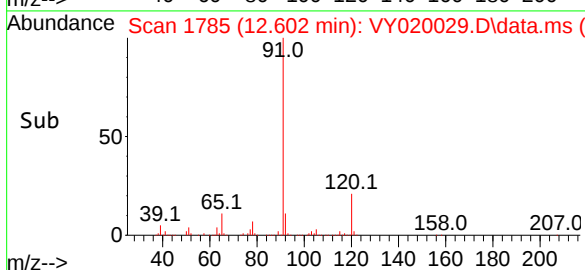
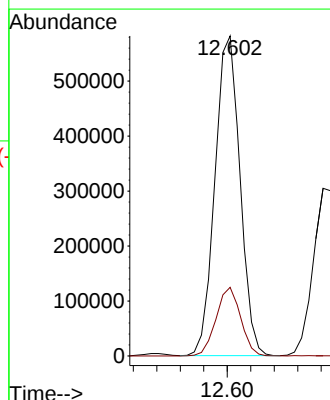
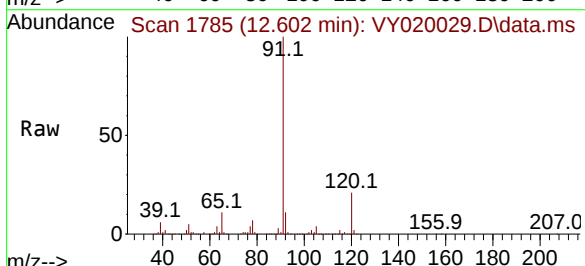
Acq: 28 Oct 2024 09:29

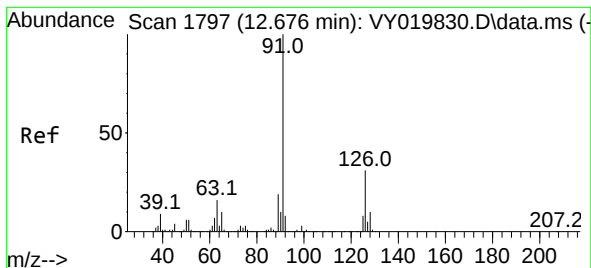
Tgt Ion: 91 Resp: 861161

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 56.075 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

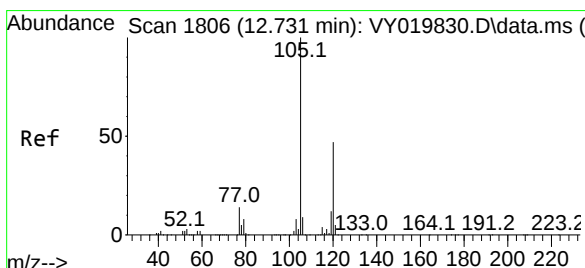
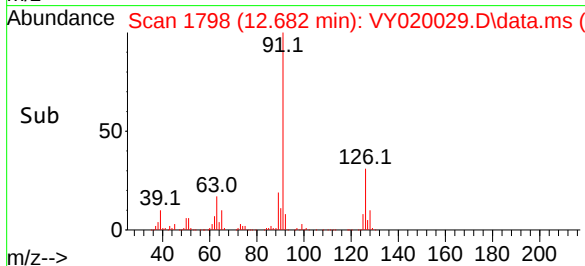
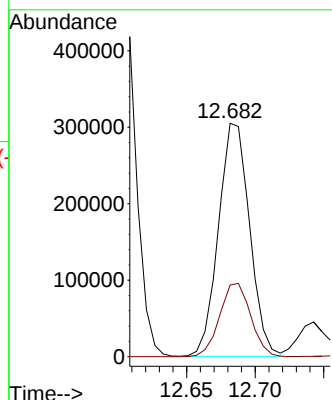
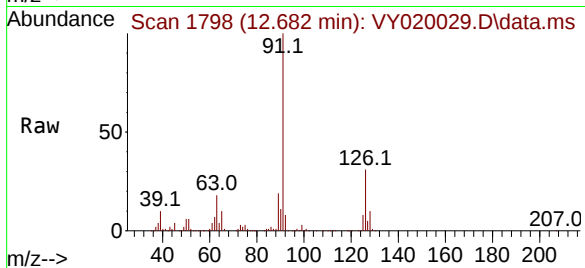
ClientSampleId :

Tgt Ion: 91 Resp: 482023

Ion Ratio Lower Upper

91 100

126 31.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 55.547 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY020029.D

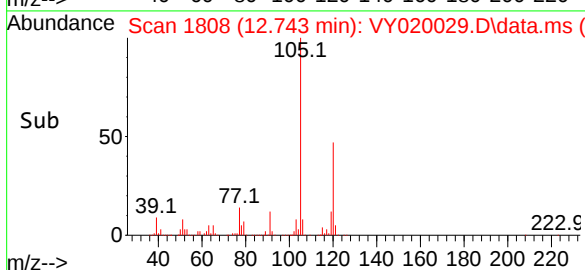
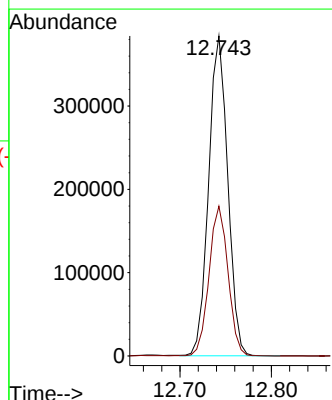
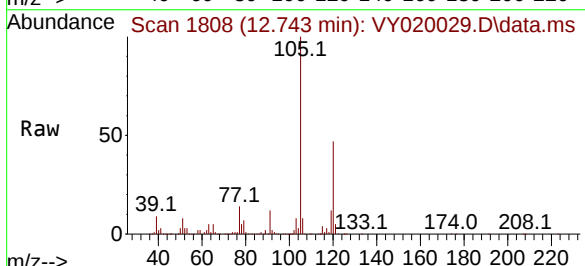
Acq: 28 Oct 2024 09:29

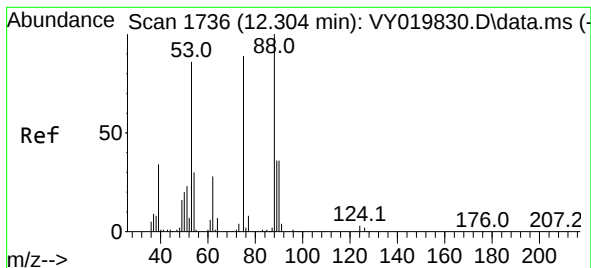
Tgt Ion:105 Resp: 556655

Ion Ratio Lower Upper

105 100

120 46.8 25.1 75.2

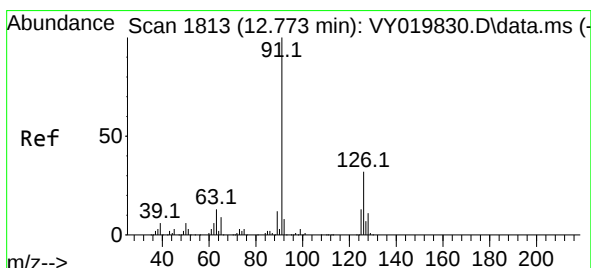
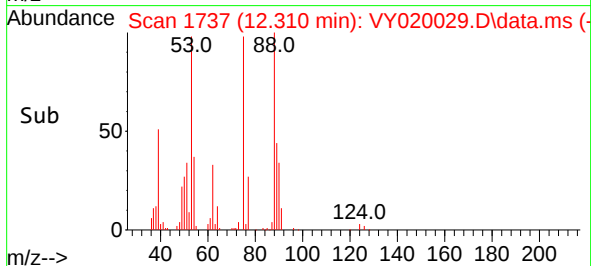
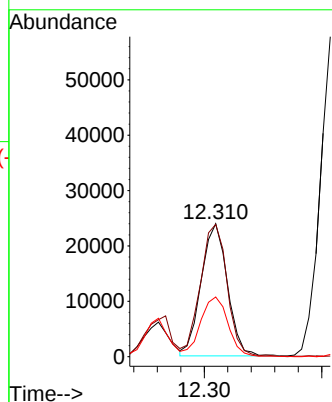
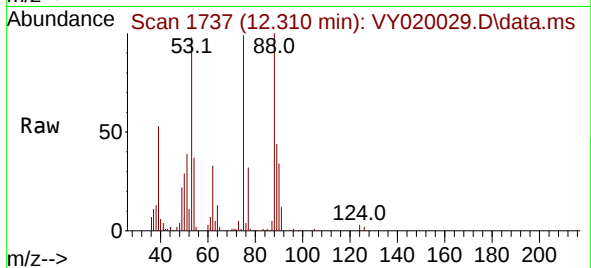




#81
trans-1,4-Dichloro-2-butene
Concen: 51.548 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

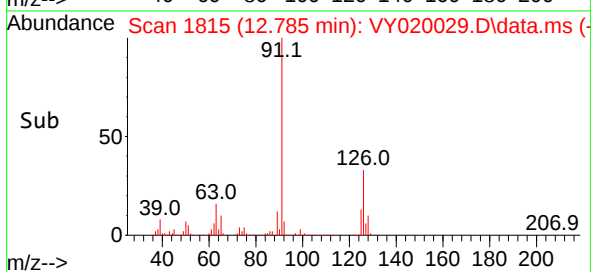
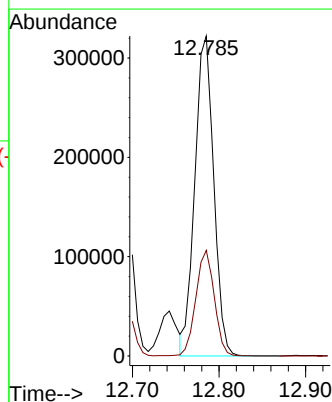
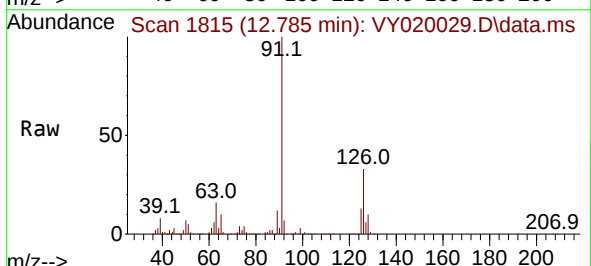
Instrument :
MSVOA_Y
ClientSampleId :

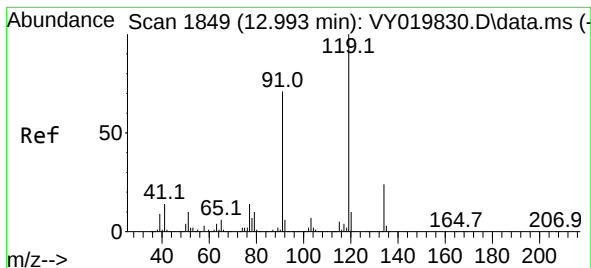
Tgt Ion: 75 Resp: 36908
Ion Ratio Lower Upper
75 100
53 102.7 66.8 100.2#
89 47.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 55.488 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

Tgt Ion: 91 Resp: 487706
Ion Ratio Lower Upper
91 100
126 32.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 57.504 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

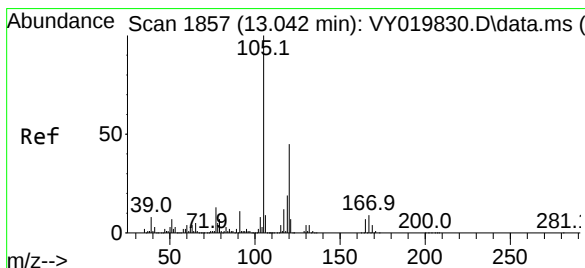
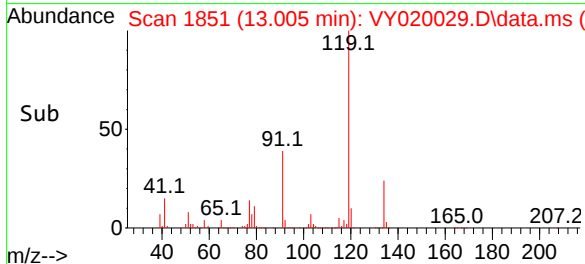
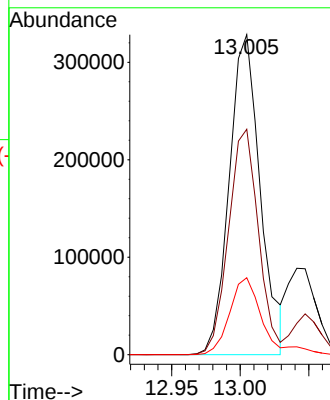
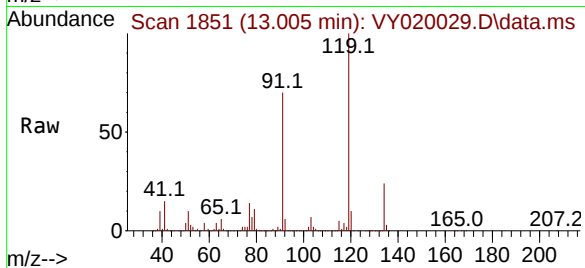
Tgt Ion:119 Resp: 516248

Ion Ratio Lower Upper

119 100

91 68.2 31.3 93.8

134 25.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 55.630 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020029.D

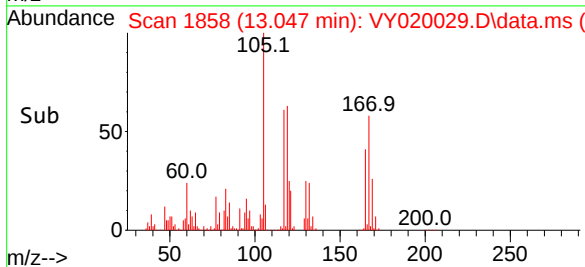
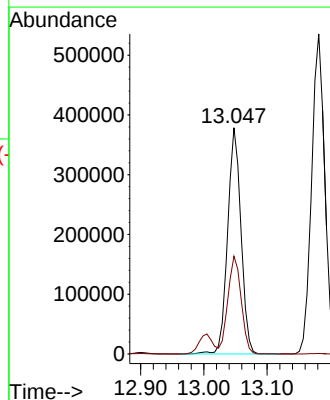
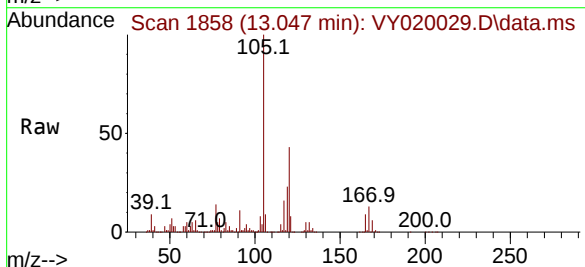
Acq: 28 Oct 2024 09:29

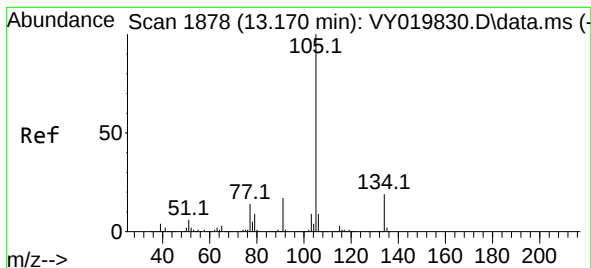
Tgt Ion:105 Resp: 552717

Ion Ratio Lower Upper

105 100

120 43.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 57.270 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

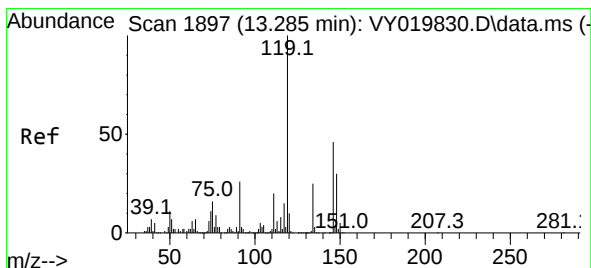
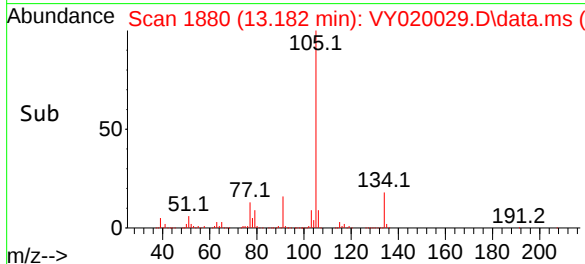
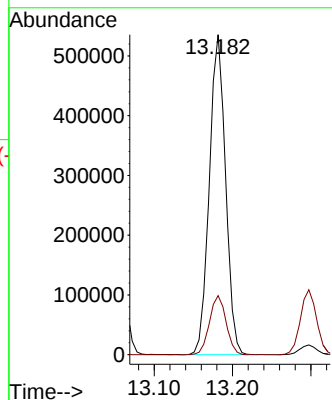
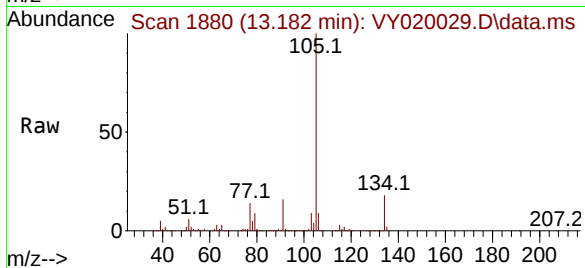
ClientSampleId :

Tgt Ion:105 Resp: 768178

Ion Ratio Lower Upper

105 100

134 18.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 56.301 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

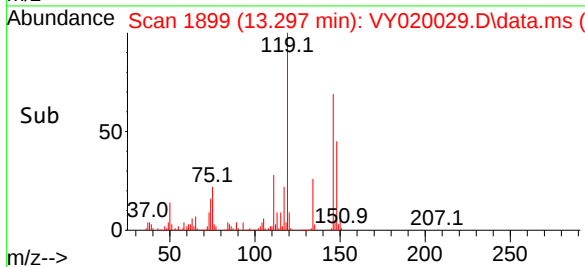
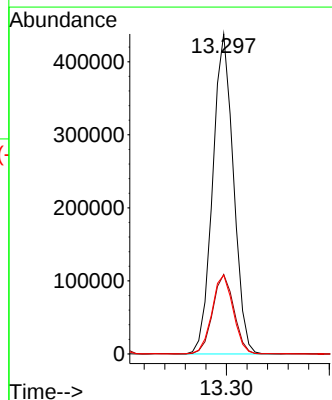
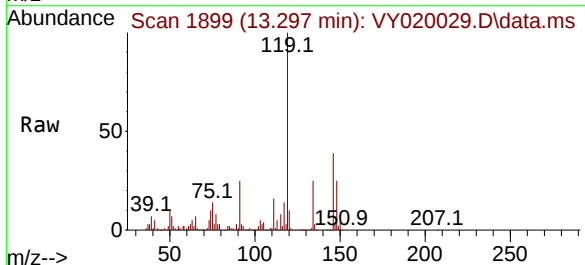
Tgt Ion:119 Resp: 613226

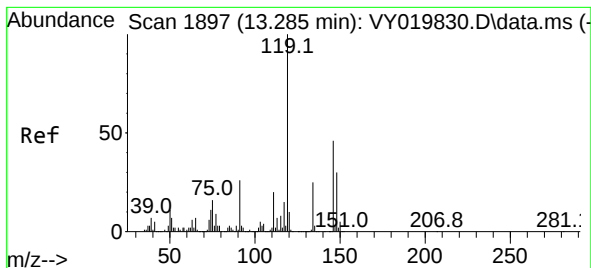
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

91 25.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 53.454 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

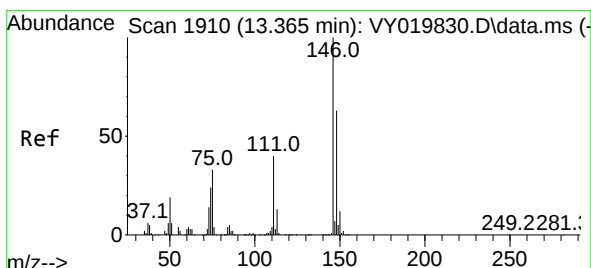
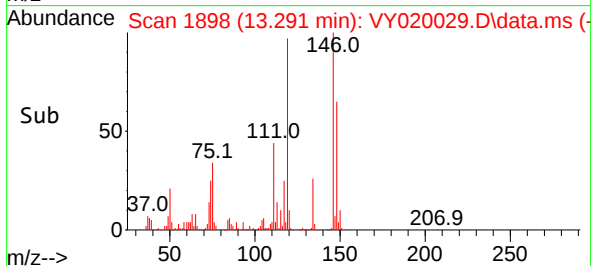
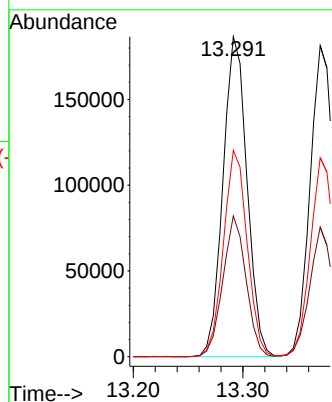
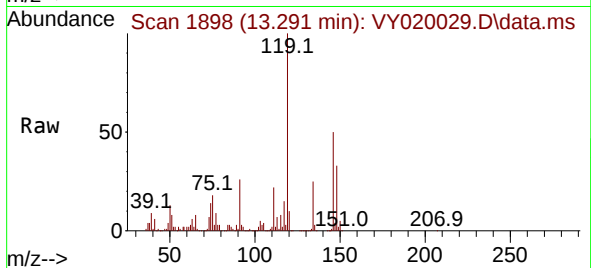
Tgt Ion:146 Resp: 284252

Ion Ratio Lower Upper

146 100

111 42.4 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.256 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

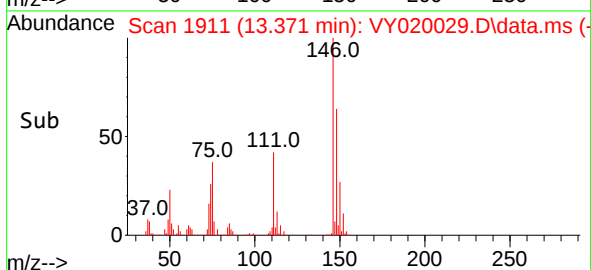
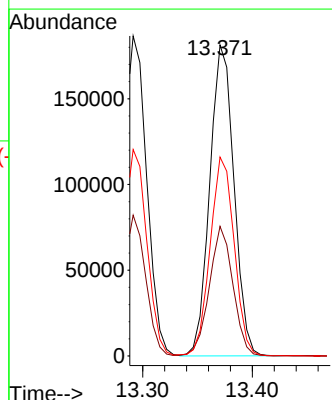
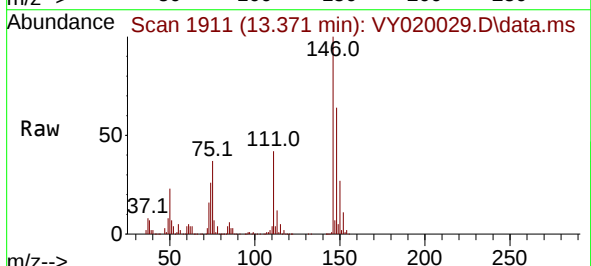
Tgt Ion:146 Resp: 278219

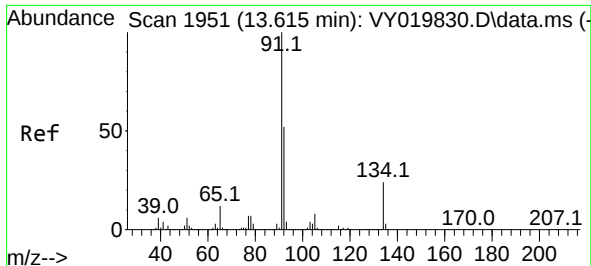
Ion Ratio Lower Upper

146 100

111 40.6 18.4 55.4

148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 57.042 ug/l

RT: 13.620 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

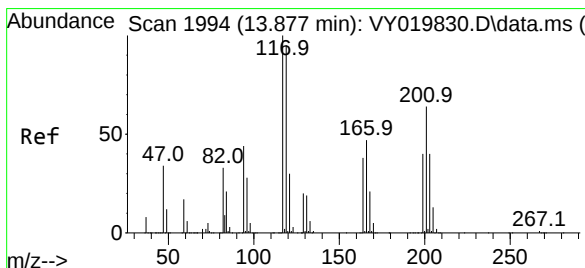
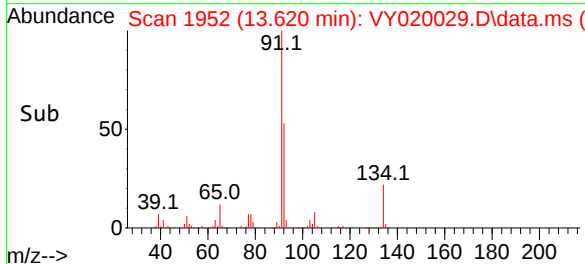
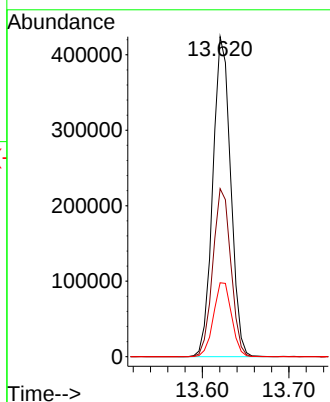
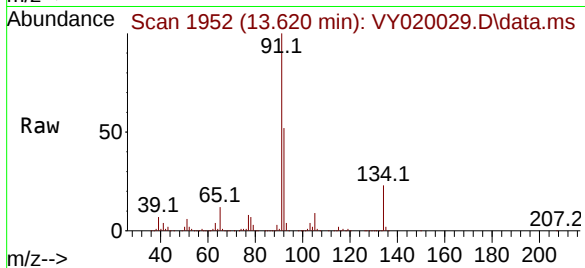
Tgt Ion: 91 Resp: 606658

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 23.5 12.9 38.7



#90

Hexachloroethane

Concen: 59.200 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020029.D

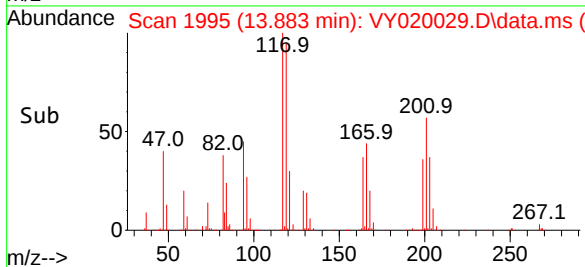
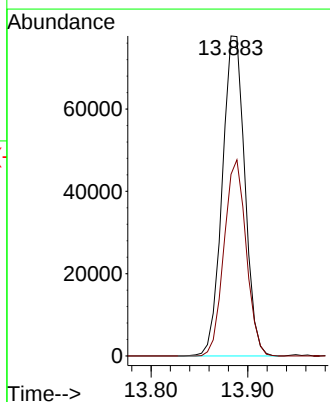
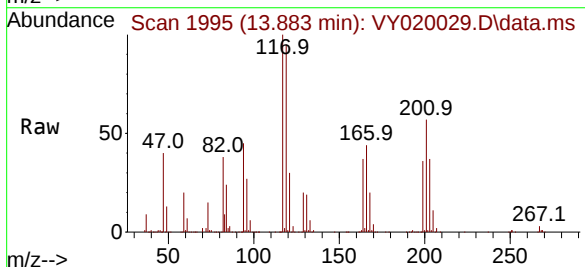
Acq: 28 Oct 2024 09:29

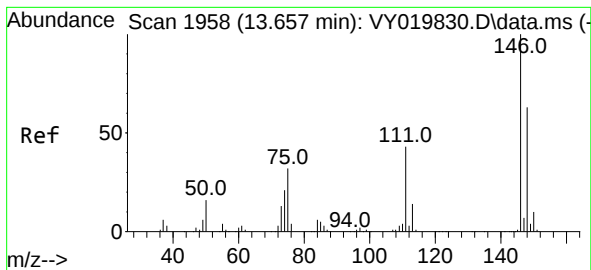
Tgt Ion: 117 Resp: 125555

Ion Ratio Lower Upper

117 100

201 60.3 37.4 112.2

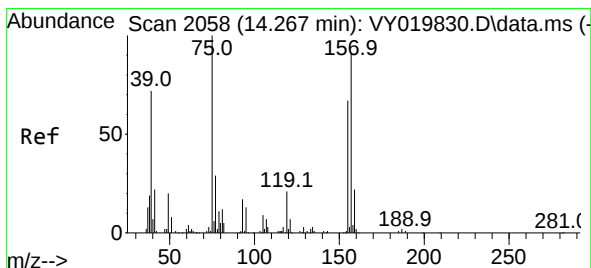
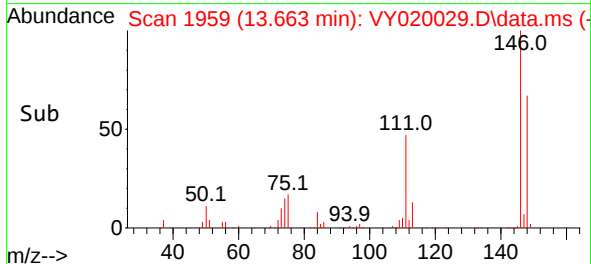
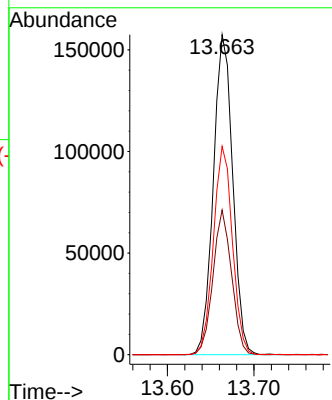
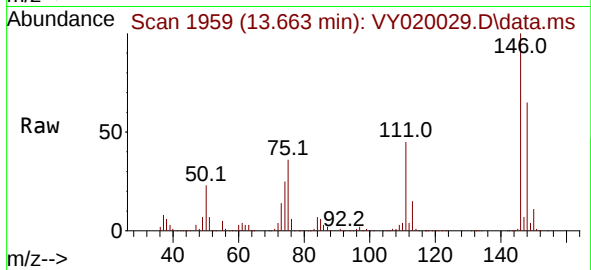




#91
1,2-Dichlorobenzene
Concen: 52.355 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

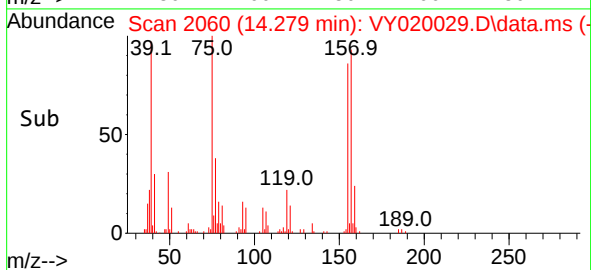
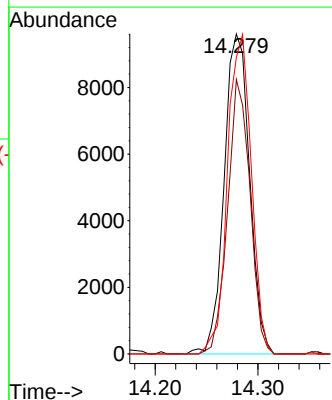
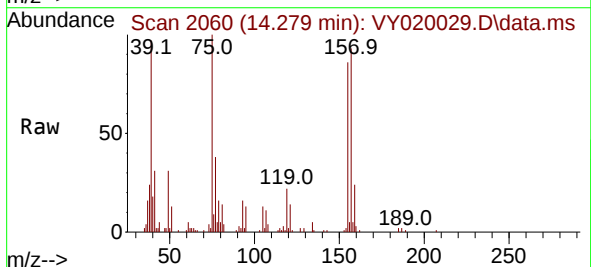
Instrument :
MSVOA_Y
ClientSampleId :

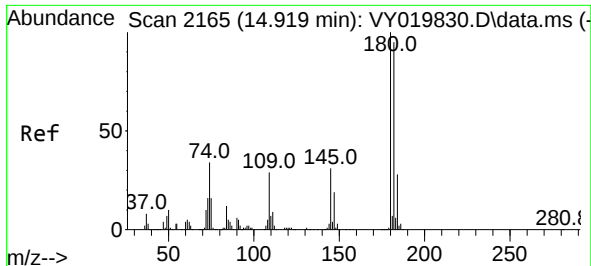
Tgt Ion:146 Resp: 244629
Ion Ratio Lower Upper
146 100
111 43.4 19.9 59.7
148 64.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.978 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

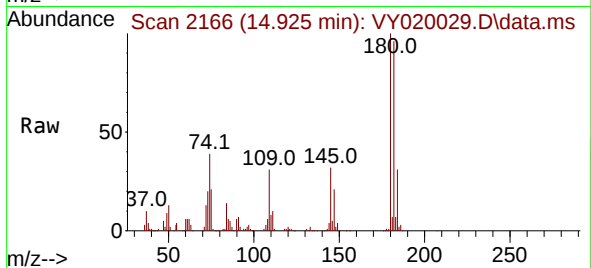
Tgt Ion: 75 Resp: 16531
Ion Ratio Lower Upper
75 100
155 75.6 48.6 145.8
157 93.6 62.7 188.2



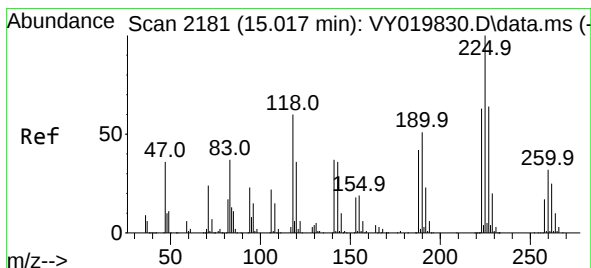
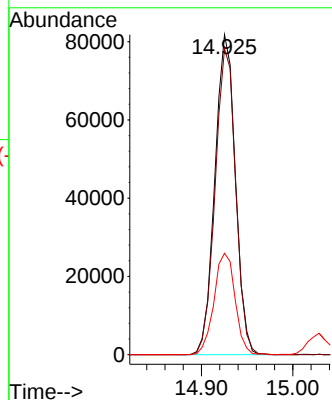
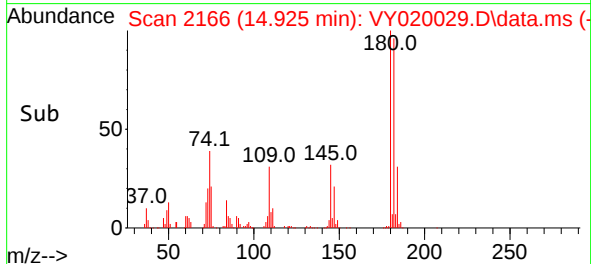


#93
1,2,4-Trichlorobenzene
Concen: 48.641 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29

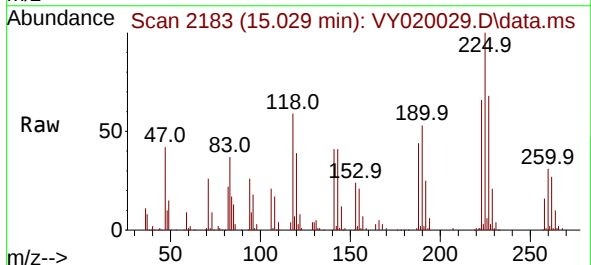
Instrument :
MSVOA_Y
ClientSampleId :



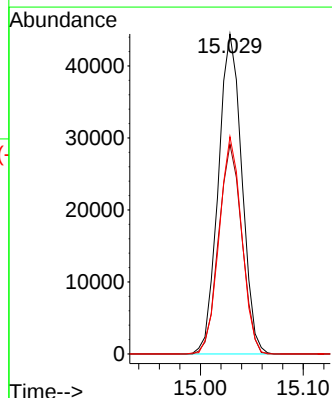
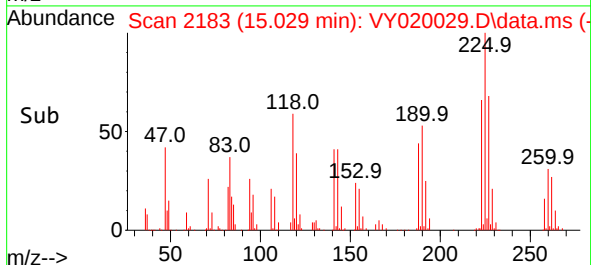
Tgt Ion:180 Resp: 127439
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.8
145 32.6 14.2 42.6

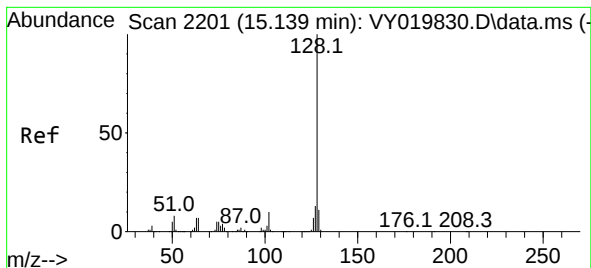


#94
Hexachlorobutadiene
Concen: 48.490 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY020029.D
Acq: 28 Oct 2024 09:29



Tgt Ion:225 Resp: 70632
Ion Ratio Lower Upper
225 100
223 64.5 30.4 91.2
227 64.8 31.9 95.9





#95

Naphthalene

Concen: 46.315 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

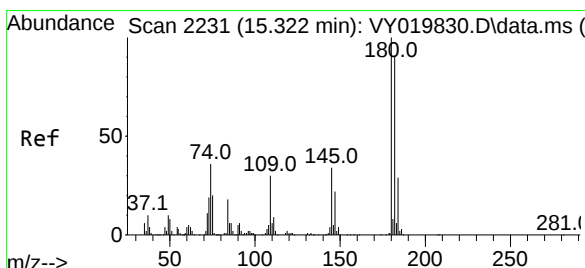
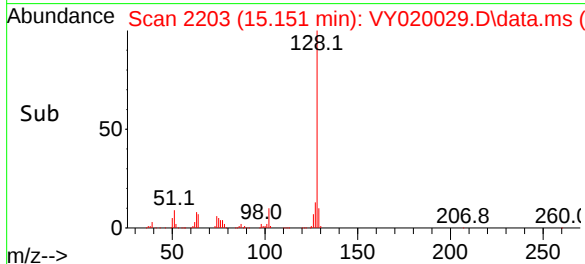
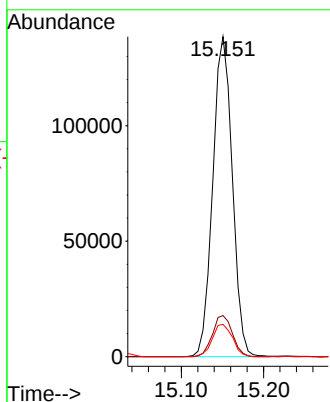
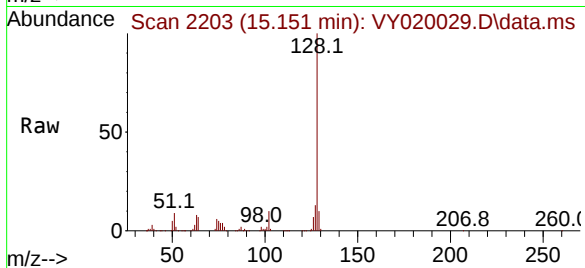
Tgt Ion:128 Resp: 228866

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.596 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020029.D

Acq: 28 Oct 2024 09:29

Tgt Ion:180 Resp: 105414

Ion Ratio Lower Upper

180 100

182 92.5 47.6 142.9

145 34.2 15.4 46.1

