

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019901.D
 Acq On : 15 Oct 2024 14:16
 Operator : SY/MD
 Sample : VY1015SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 16 02:48:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	251727	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	427488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	364319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	179684	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149672	48.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.580%
35) Dibromofluoromethane	7.634	113	138002	48.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.840%
50) Toluene-d8	10.103	98	486048	46.657	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.320%
62) 4-Bromofluorobenzene	12.402	95	181856	48.313	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.620%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	50740	21.652	ug/l	97
3) Chloromethane	2.068	50	60464	19.825	ug/l	100
4) Vinyl Chloride	2.208	62	70852	21.110	ug/l	95
5) Bromomethane	2.592	94	45115	21.237	ug/l	94
6) Chloroethane	2.739	64	46694	20.709	ug/l	99
7) Trichlorofluoromethane	3.056	101	110107	22.047	ug/l	97
8) Diethyl Ether	3.458	74	32555	21.449	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.812	101	67176	23.125	ug/l	90
10) Methyl Iodide	4.007	142	55912	19.031	ug/l	# 90
11) Tert butyl alcohol	4.860	59	29118	100.278	ug/l	# 97
12) 1,1-Dichloroethene	3.787	96	53600	19.848	ug/l	# 77
13) Acrolein	3.659	56	24008	105.413	ug/l	98
14) Allyl chloride	4.385	41	100202	20.565	ug/l	# 90
15) Acrylonitrile	5.068	53	79527	114.554	ug/l	97
16) Acetone	3.873	43	97794	121.205	ug/l	# 86
17) Carbon Disulfide	4.110	76	123024	16.996	ug/l	96
18) Methyl Acetate	4.385	43	37467	21.556	ug/l	# 87
19) Methyl tert-butyl Ether	5.116	73	171005	22.041	ug/l	99
20) Methylene Chloride	4.616	84	76900	25.398	ug/l	# 78
21) trans-1,2-Dichloroethene	5.110	96	59358	20.195	ug/l	88
22) Diisopropyl ether	6.025	45	242077	22.809	ug/l	# 91
23) Vinyl Acetate	5.964	43	679008	111.597	ug/l	# 90
24) 1,1-Dichloroethane	5.915	63	129750	21.993	ug/l	95
25) 2-Butanone	6.890	43	129297	119.720	ug/l	# 82
26) 2,2-Dichloropropane	6.884	77	112637	21.438	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	75383	20.754	ug/l	83
28) Bromochloromethane	7.244	49	60297	23.220	ug/l	# 73
29) Tetrahydrofuran	7.262	42	69383	112.516	ug/l	# 82
30) Chloroform	7.421	83	133814	22.250	ug/l	99
31) Cyclohexane	7.701	56	108659	20.981	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	115111	21.840	ug/l	94
36) 1,1-Dichloropropene	7.835	75	90325	22.225	ug/l	95
37) Ethyl Acetate	6.988	43	50641	23.897	ug/l	# 95
38) Carbon Tetrachloride	7.823	117	98295	22.561	ug/l	98
39) Methylcyclohexane	9.110	83	111231	21.722	ug/l	# 87
40) Benzene	8.079	78	267896	21.781	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	24454	21.321	ug/l	92
42) 1,2-Dichloroethane	8.158	62	79752	22.570	ug/l	95
43) Isopropyl Acetate	8.201	43	97385	22.533	ug/l #	79
44) Trichloroethene	8.866	130	63936	21.462	ug/l	88
45) 1,2-Dichloropropane	9.140	63	70281	22.829	ug/l	100
46) Dibromomethane	9.231	93	37675	22.399	ug/l #	88
47) Bromodichloromethane	9.420	83	101967	22.840	ug/l	97
48) Methyl methacrylate	9.219	41	44985	23.663	ug/l #	80
49) 1,4-Dioxane	9.231	88	8936	474.685	ug/l #	81
51) 4-Methyl-2-Pentanone	10.000	43	263812	119.674	ug/l	89
52) Toluene	10.170	92	169279	22.049	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	85281	21.230	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	101921	21.503	ug/l #	79
55) 1,1,2-Trichloroethane	10.573	97	50712	22.884	ug/l	98
56) Ethyl methacrylate	10.439	69	71659	22.536	ug/l #	74
57) 1,3-Dichloropropane	10.713	76	88688	22.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	177796	120.110	ug/l	95
59) 2-Hexanone	10.762	43	196562	124.844	ug/l	86
60) Dibromochloromethane	10.908	129	63246	22.236	ug/l	99
61) 1,2-Dibromoethane	11.012	107	45760	22.851	ug/l	95
64) Tetrachloroethene	10.646	164	54698	21.108	ug/l	97
65) Chlorobenzene	11.438	112	184096	22.093	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.512	131	64615	22.919	ug/l	96
67) Ethyl Benzene	11.518	91	339053	22.399	ug/l	99
68) m/p-Xylenes	11.627	106	242608	43.397	ug/l	89
69) o-Xylene	11.950	106	119986	22.338	ug/l	94
70) Styrene	11.969	104	202505	22.346	ug/l	95
71) Bromoform	12.133	173	32660	21.640	ug/l #	99
73) Isopropylbenzene	12.255	105	327549	21.672	ug/l	98
74) N-amyl acetate	12.066	43	89346	22.320	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	61520	22.908	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	76138	21.630	ug/l #	100
77) Bromobenzene	12.530	156	65983	20.573	ug/l	81
78) n-propylbenzene	12.591	91	410088	22.455	ug/l	97
79) 2-Chlorotoluene	12.676	91	228405	21.816	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	261587	21.431	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	18387	21.084	ug/l #	81
82) 4-Chlorotoluene	12.773	91	232165	21.687	ug/l	95
83) tert-Butylbenzene	12.993	119	247680	22.651	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	261425	21.603	ug/l	97
85) sec-Butylbenzene	13.176	105	372475	22.799	ug/l	97
86) p-Isopropyltoluene	13.292	119	292420	22.043	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	139957	21.609	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	136793	21.499	ug/l	96
89) n-Butylbenzene	13.615	91	297691	22.981	ug/l	98
90) Hexachloroethane	13.877	117	57455	22.242	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	122443	21.515	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.267	75	9473	22.102	ug/l	73
93) 1,2,4-Trichlorobenzene	14.919	180	69332	21.727	ug/l	96
94) Hexachlorobutadiene	15.023	225	38889	21.920	ug/l	96
95) Naphthalene	15.145	128	131878	21.912	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	58830	21.809	ug/l	98

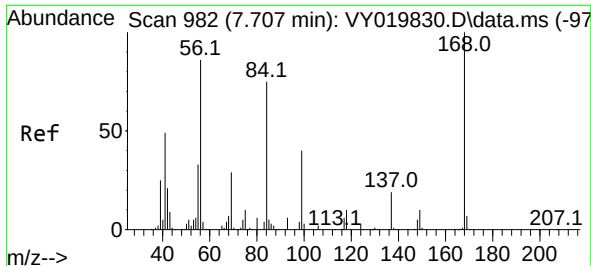
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
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Response via : Initial Calibration

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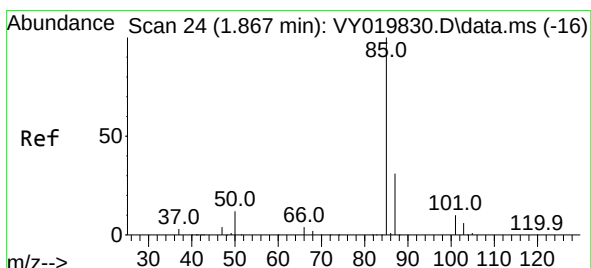
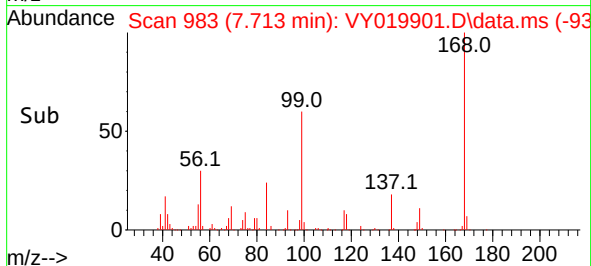
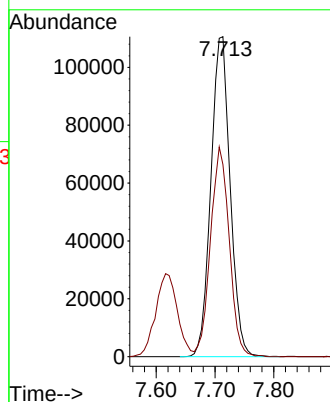
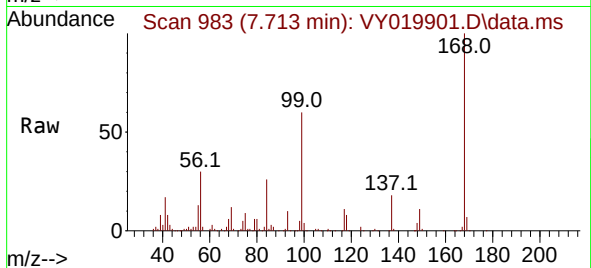
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

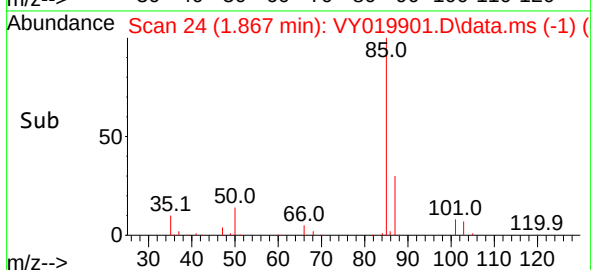
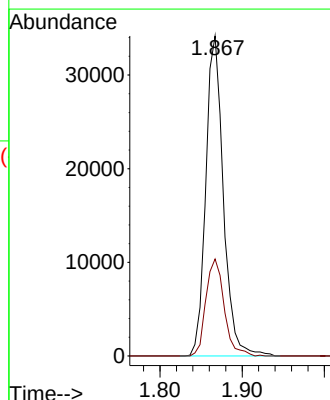
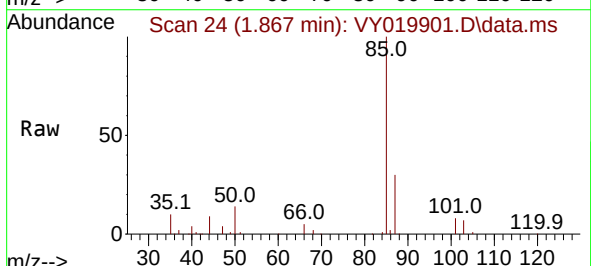
Instrument :
MSVOA_Y
ClientSampleId :

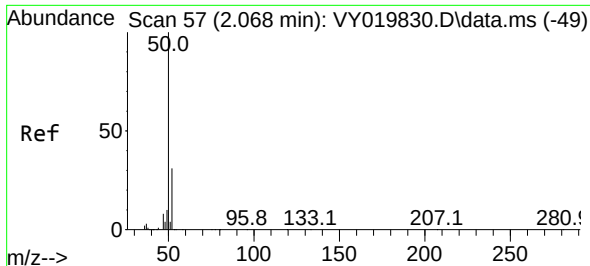
Tgt Ion:168 Resp: 251727
Ion Ratio Lower Upper
168 100
99 60.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 21.652 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 85 Resp: 50740
Ion Ratio Lower Upper
85 100
87 30.3 16.0 48.0

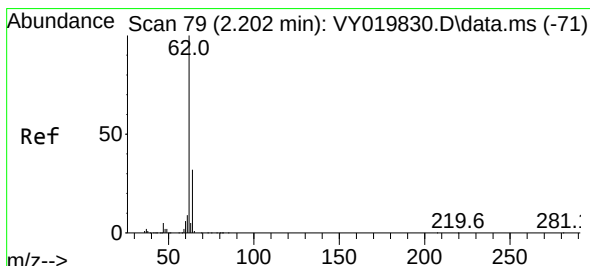
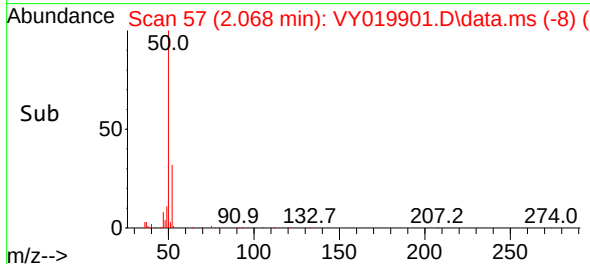
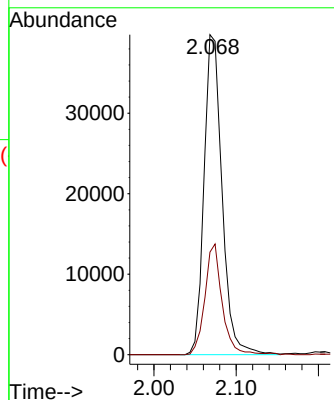
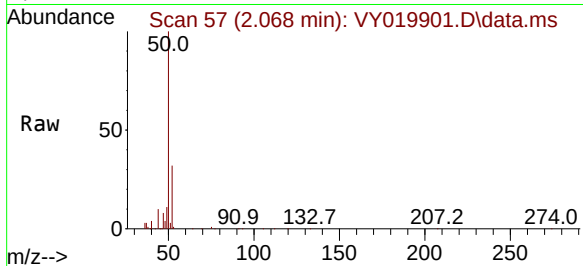




#3
Chloromethane
Concen: 19.825 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

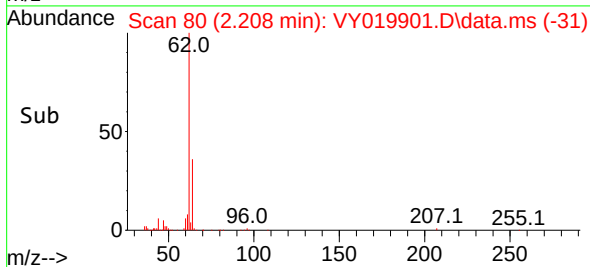
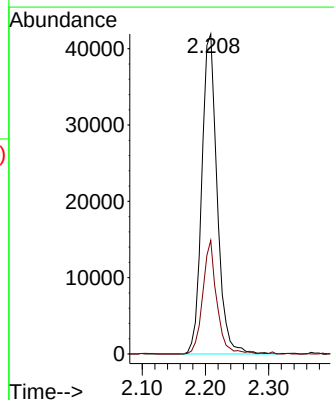
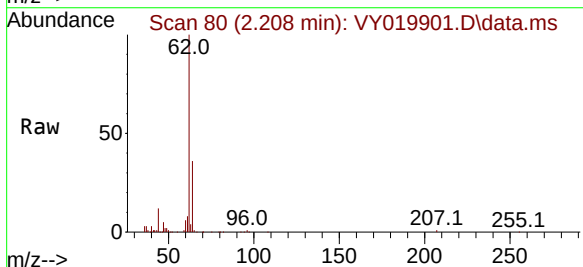
Instrument :
MSVOA_Y
ClientSampleId :

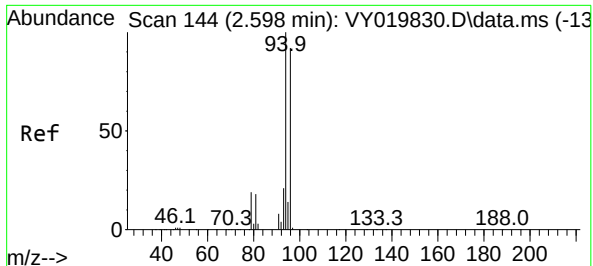
Tgt Ion: 50 Resp: 60464
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 21.110 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 62 Resp: 70852
Ion Ratio Lower Upper
62 100
64 35.5 26.1 39.1

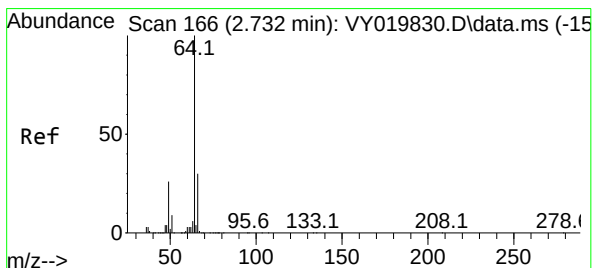
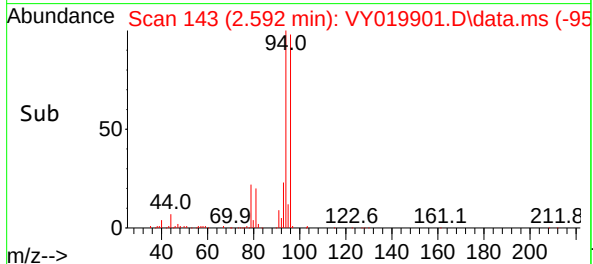
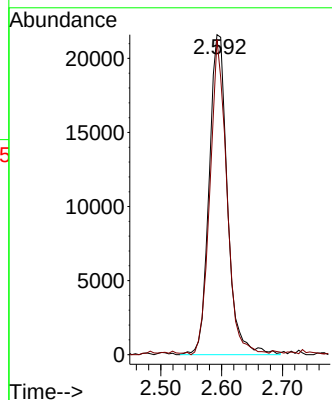
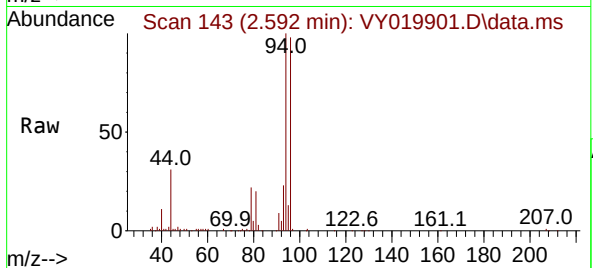




#5
Bromomethane
Concen: 21.237 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

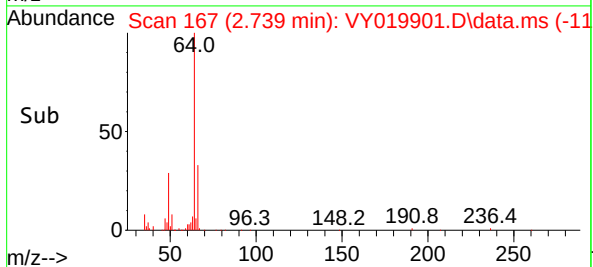
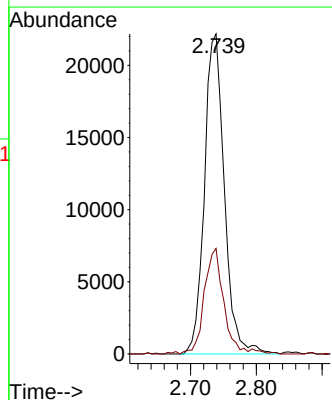
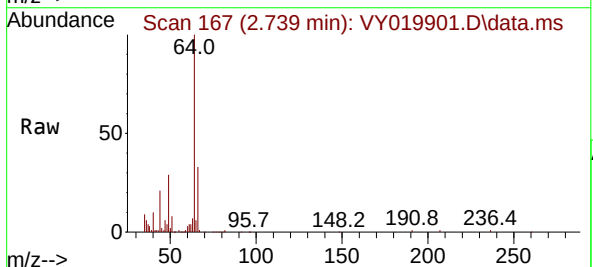
Instrument :
MSVOA_Y
ClientSampleId :

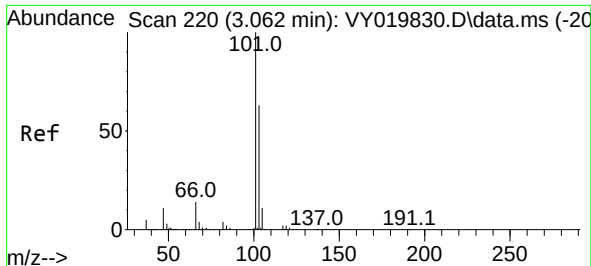
Tgt Ion: 94 Resp: 45115
Ion Ratio Lower Upper
94 100
96 98.0 74.1 111.1



#6
Chloroethane
Concen: 20.709 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

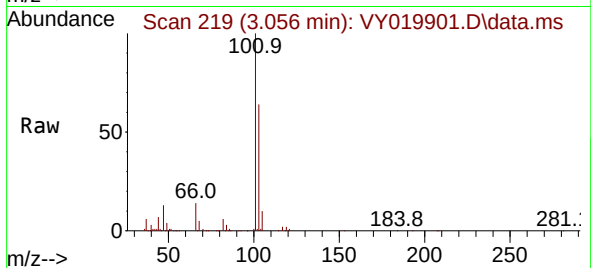
Tgt Ion: 64 Resp: 46694
Ion Ratio Lower Upper
64 100
66 32.9 26.1 39.1



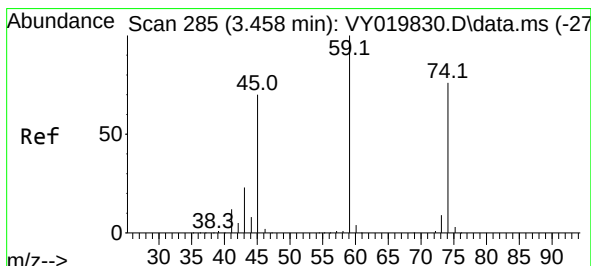
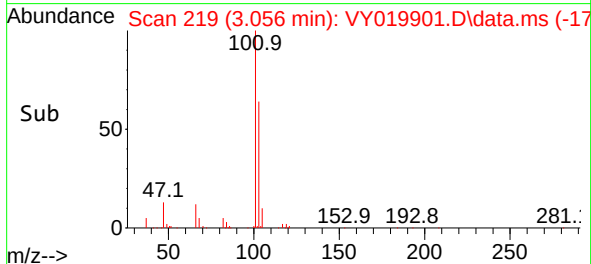
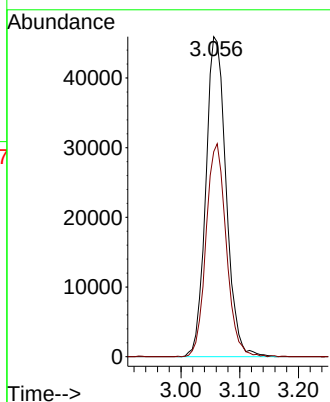


#7
Trichlorofluoromethane
Concen: 22.047 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Instrument :
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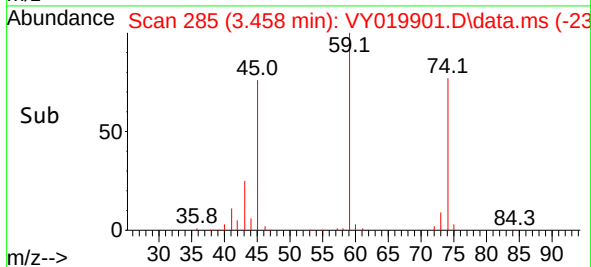
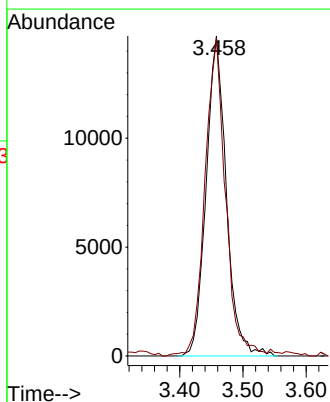
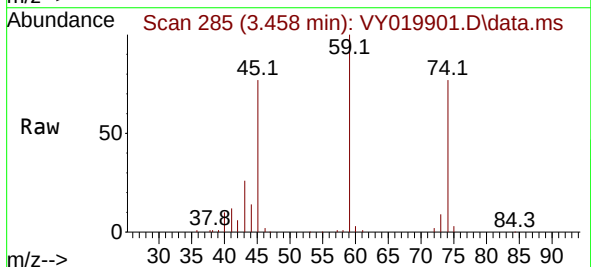


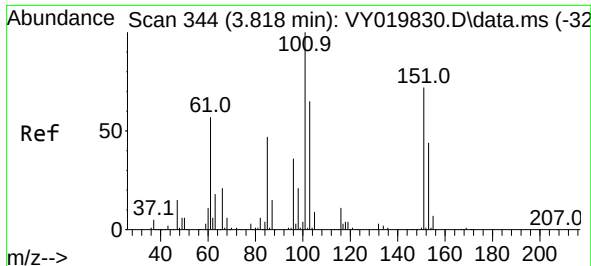
Tgt Ion:101 Resp: 110107
Ion Ratio Lower Upper
101 100
103 64.1 49.3 73.9



#8
Diethyl Ether
Concen: 21.449 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

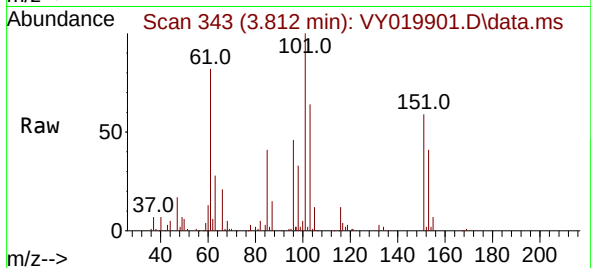
Tgt Ion: 74 Resp: 32555
Ion Ratio Lower Upper
74 100
45 100.9 41.3 124.1



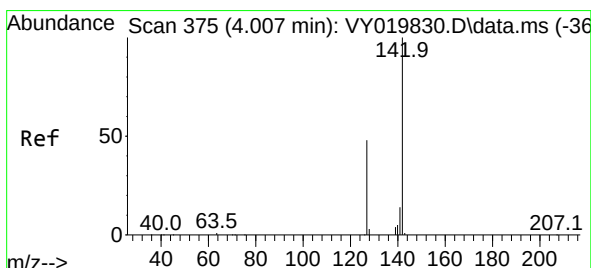
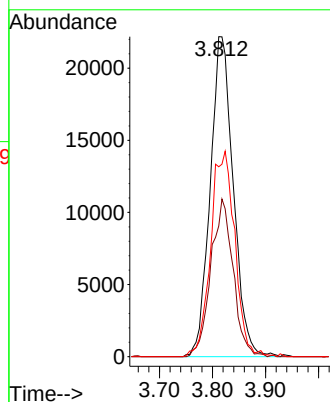
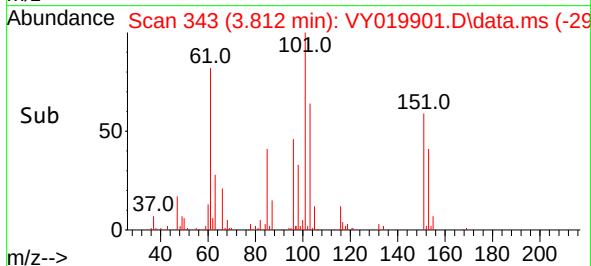


#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.125 ug/l
RT: 3.812 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY019901.D
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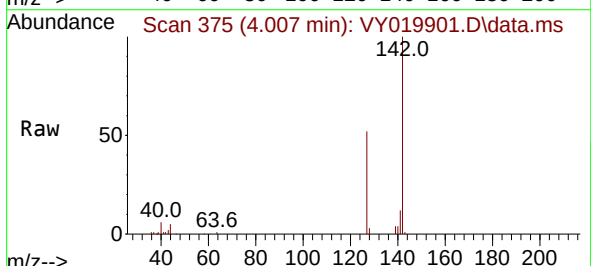
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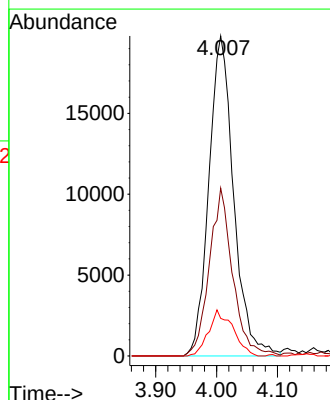
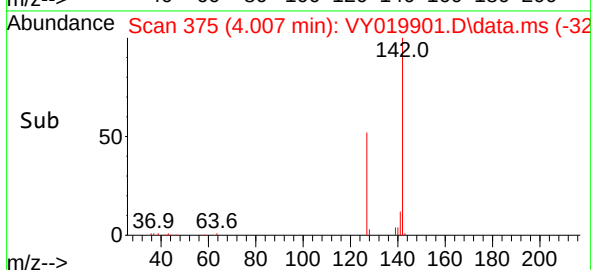
Tgt Ion:101 Resp: 67176
Ion Ratio Lower Upper
101 100
85 47.5 34.5 51.7
151 67.0 61.7 92.5

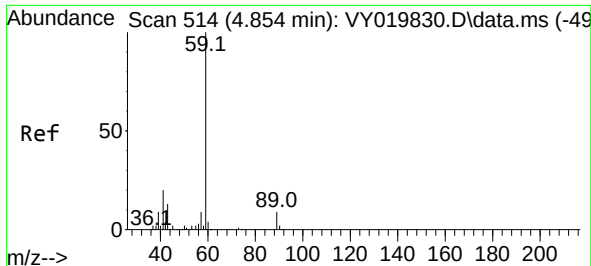


#10
Methyl Iodide
Concen: 19.031 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16



Tgt Ion:142 Resp: 55912
Ion Ratio Lower Upper
142 100
127 49.3 32.8 49.2#
141 14.1 11.4 17.2

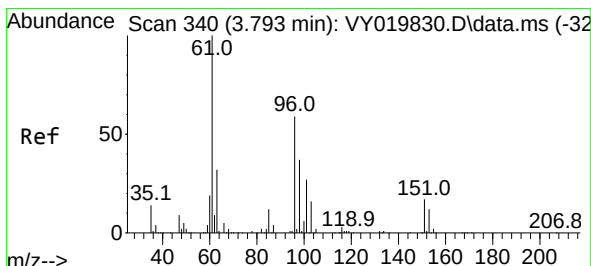
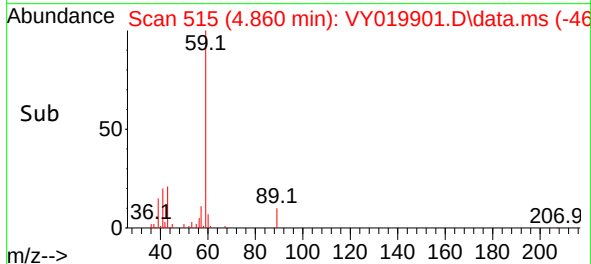
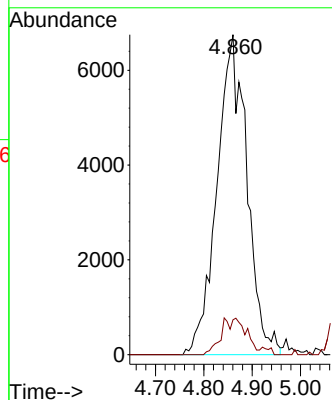
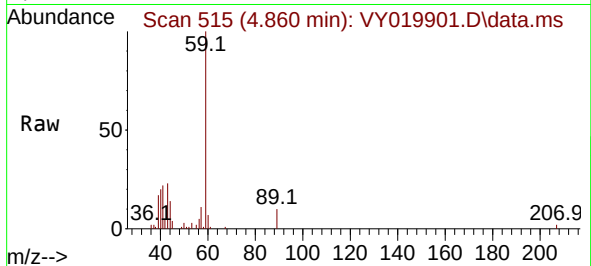




#11
Tert butyl alcohol
Concen: 100.278 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

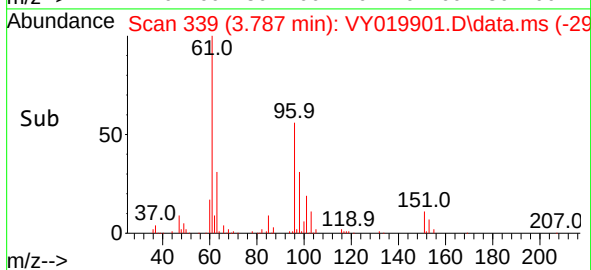
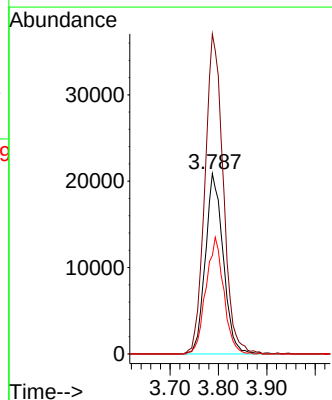
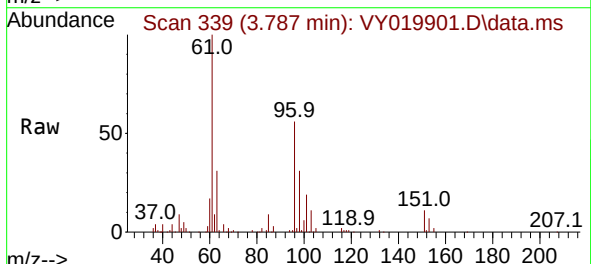
Instrument :
MSVOA_Y
ClientSampleId :

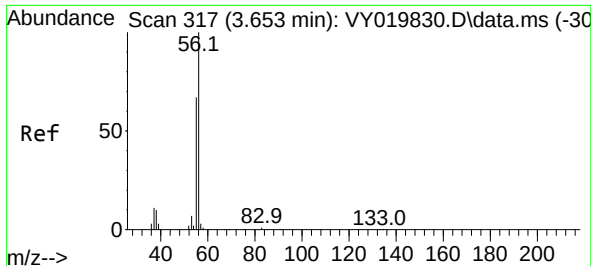
Tgt Ion: 59 Resp: 29118
Ion Ratio Lower Upper
59 100
57 4.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.848 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 96 Resp: 53600
Ion Ratio Lower Upper
96 100
61 177.4 114.6 171.8#
98 54.5 50.8 76.2





#13

Acrolein

Concen: 105.413 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

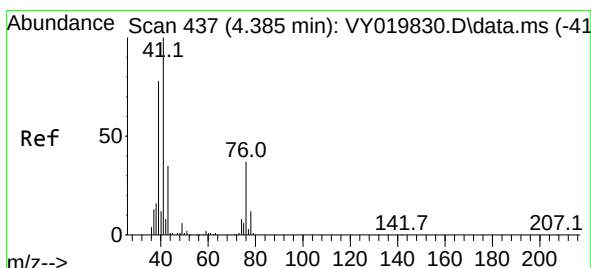
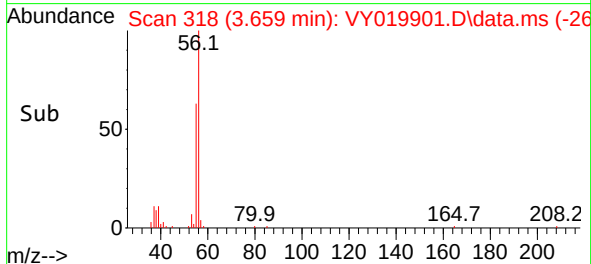
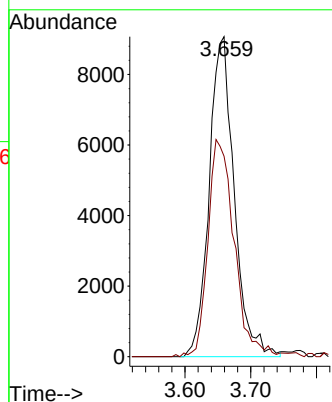
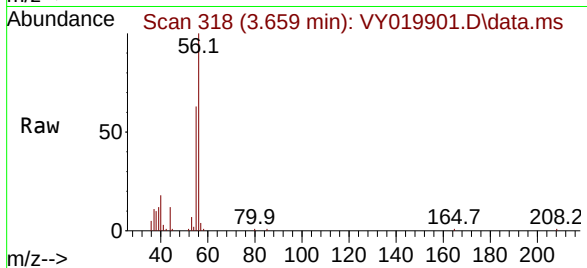
ClientSampleId :

Tgt Ion: 56 Resp: 24008

Ion Ratio Lower Upper

56 100

55 70.9 55.7 83.5



#14

Allyl chloride

Concen: 20.565 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

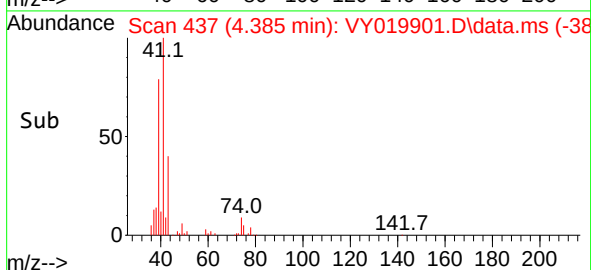
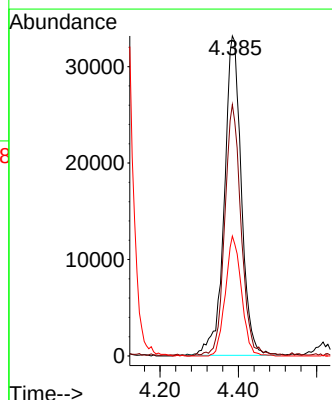
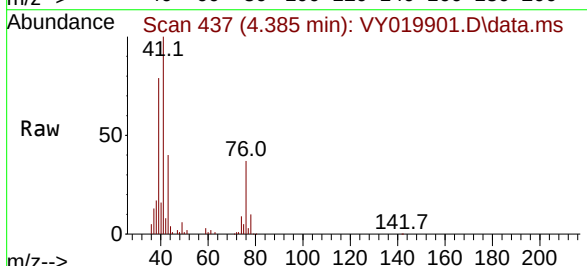
Tgt Ion: 41 Resp: 100202

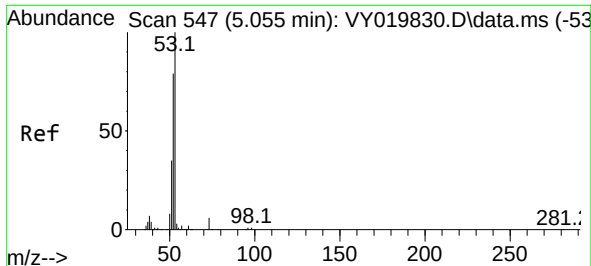
Ion Ratio Lower Upper

41 100

39 76.2 58.3 87.5

76 35.3 39.0 58.6#

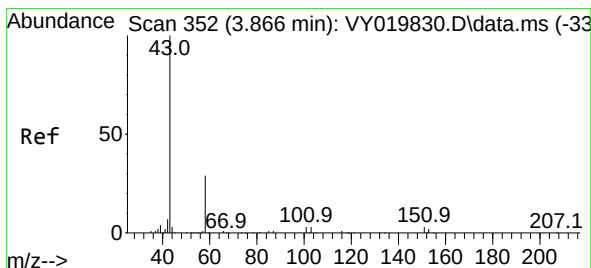
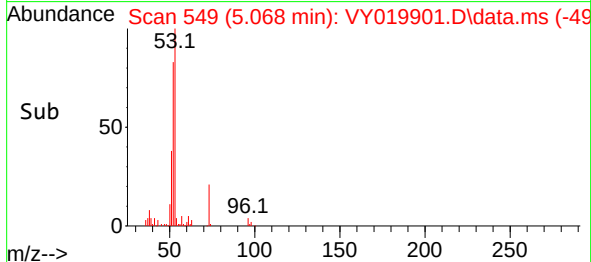
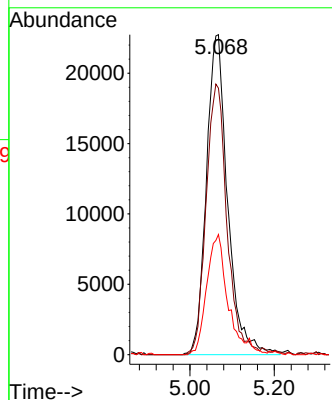
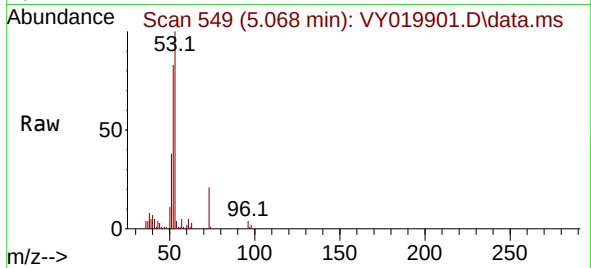




#15
Acrylonitrile
Concen: 114.554 ug/l
RT: 5.068 min Scan# 547
Delta R.T. 0.013 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

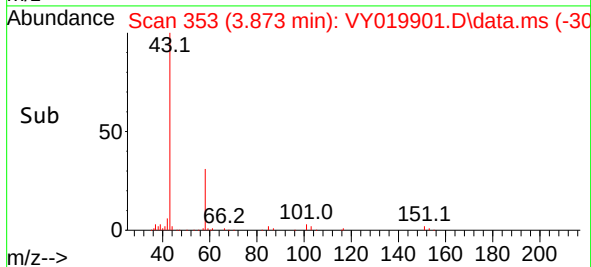
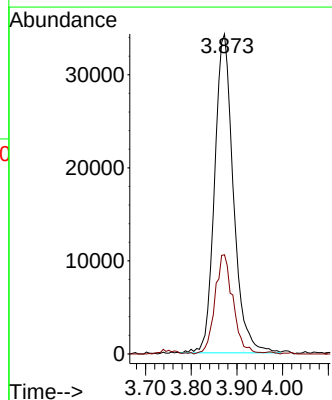
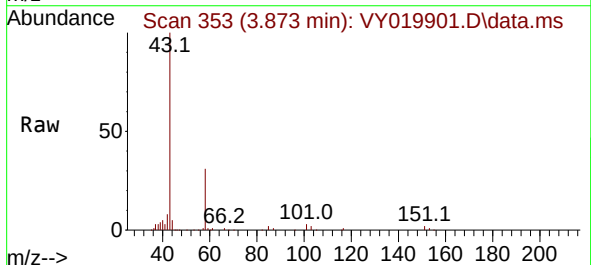
Instrument :
MSVOA_Y
ClientSampleId :

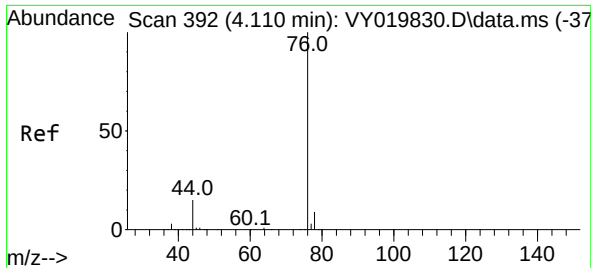
Tgt Ion: 53 Resp: 79527
Ion Ratio Lower Upper
53 100
52 83.3 64.7 97.1
51 37.9 28.4 42.6



#16
Acetone
Concen: 121.205 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 43 Resp: 97794
Ion Ratio Lower Upper
43 100
58 31.1 31.7 47.5#

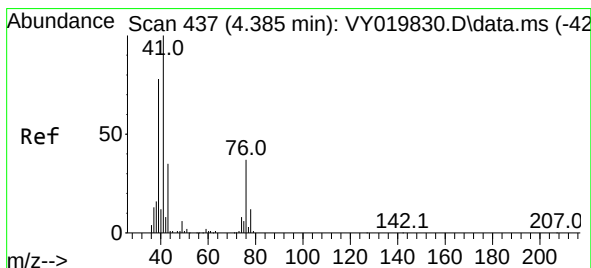
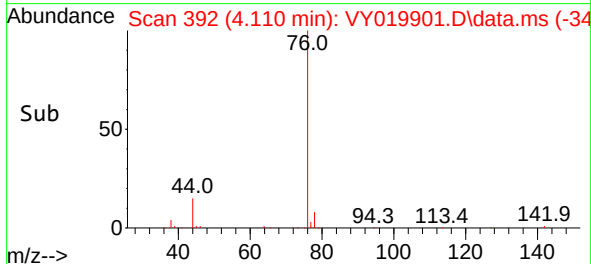
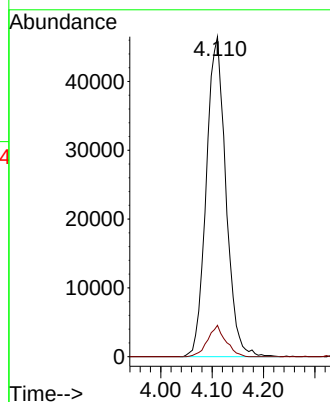
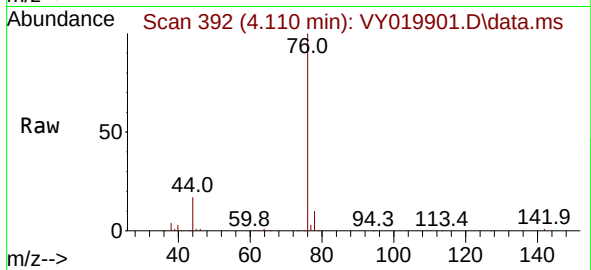




#17
Carbon Disulfide
Concen: 16.996 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.007 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

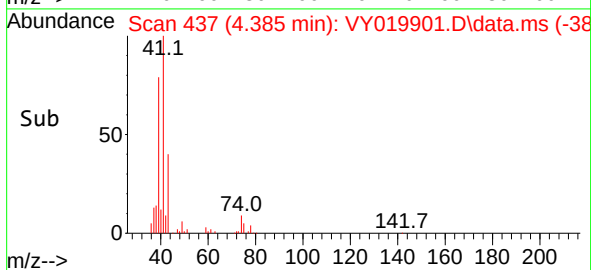
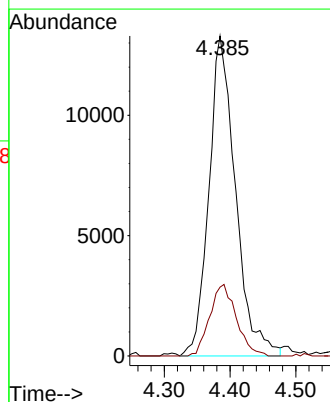
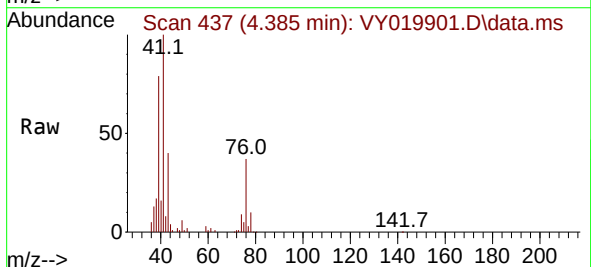
Instrument :
MSVOA_Y
ClientSampleId :

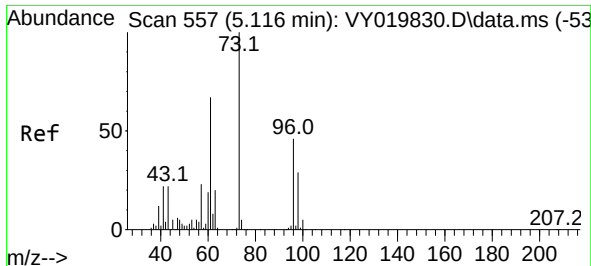
Tgt Ion: 76 Resp: 123024
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 21.556 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 43 Resp: 37467
Ion Ratio Lower Upper
43 100
74 22.4 23.3 34.9#

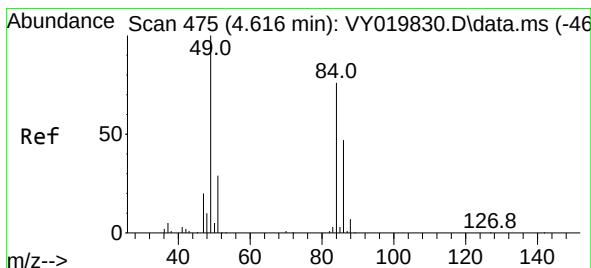
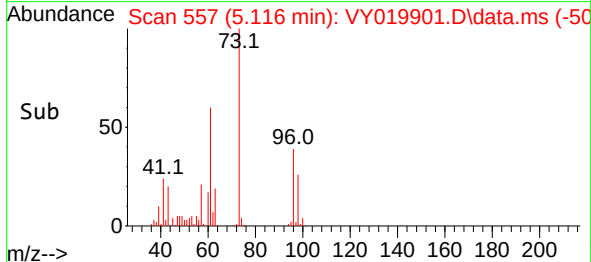
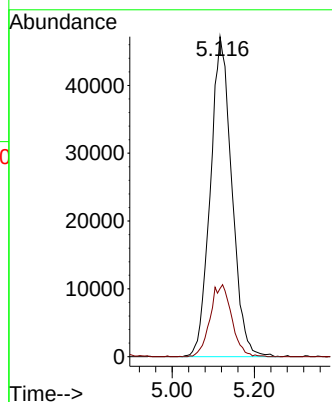
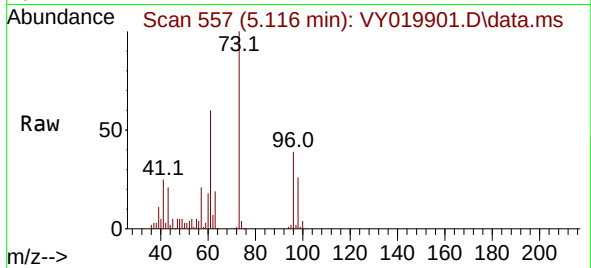




#19
Methyl tert-butyl Ether
Concen: 22.041 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

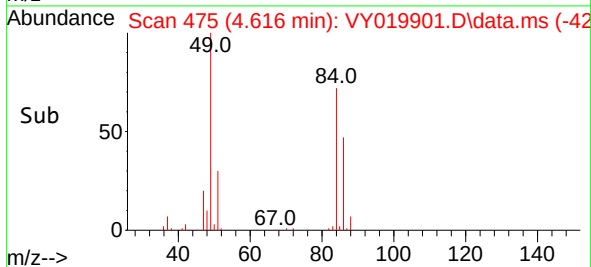
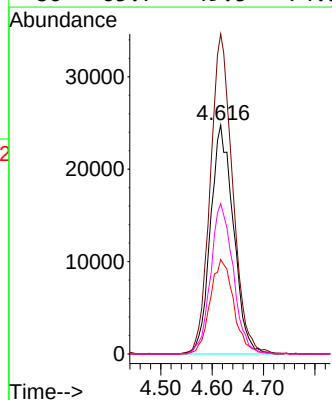
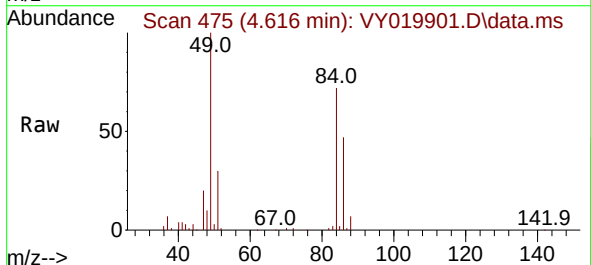
Instrument :
MSVOA_Y
ClientSampleId :

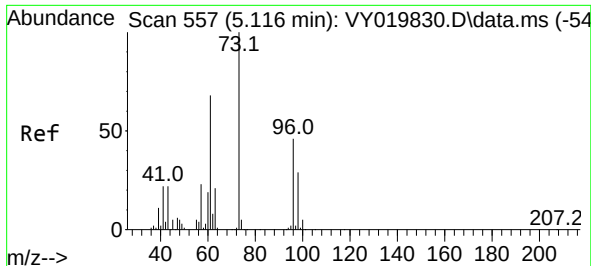
Tgt Ion: 73 Resp: 171005
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 25.398 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 84 Resp: 76900
Ion Ratio Lower Upper
84 100
49 139.7 84.4 126.6#
51 41.2 26.0 39.0#
86 65.7 49.5 74.3

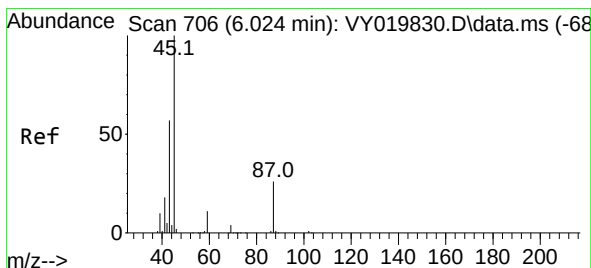
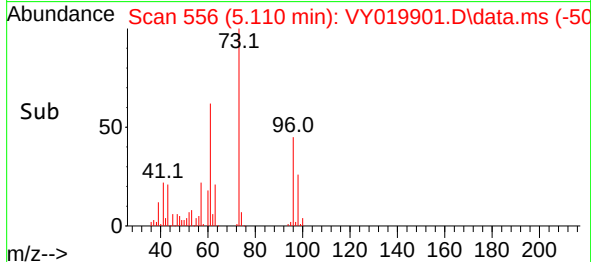
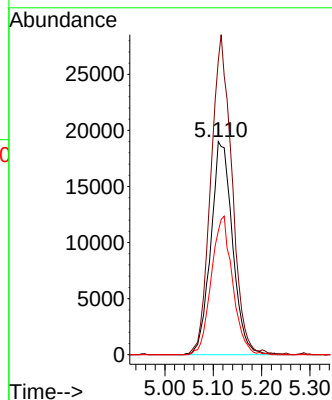
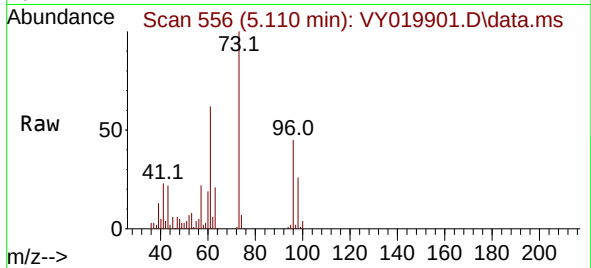




#21
trans-1,2-Dichloroethene
Concen: 20.195 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

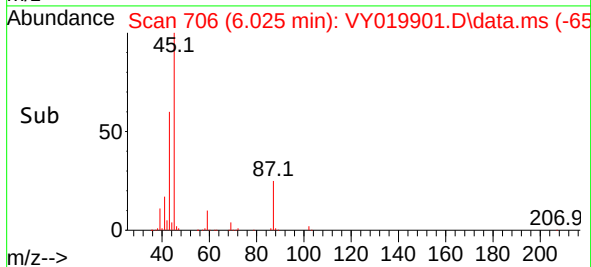
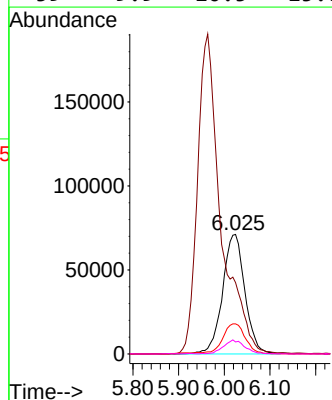
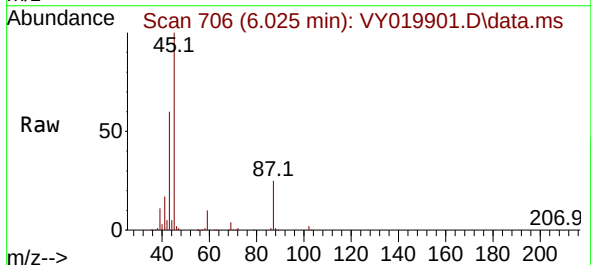
Instrument :
MSVOA_Y
ClientSampleId :

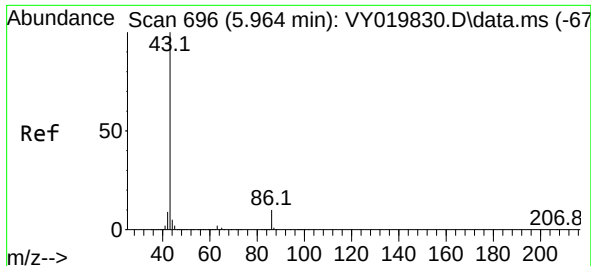
Tgt Ion: 96 Resp: 59358
Ion Ratio Lower Upper
96 100
61 137.9 97.5 146.3
98 58.0 50.5 75.7



#22
Diisopropyl ether
Concen: 22.809 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 45 Resp: 242077
Ion Ratio Lower Upper
45 100
43 58.7 42.2 63.2
87 25.0 25.0 37.6#
59 9.9 10.5 15.7#

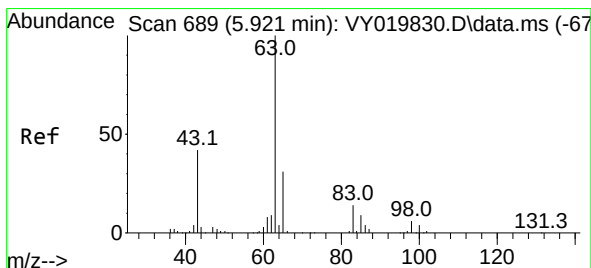
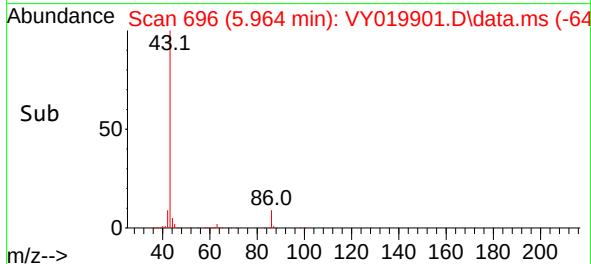
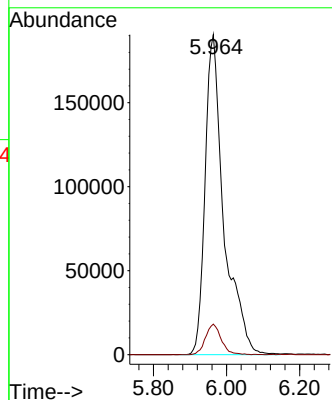
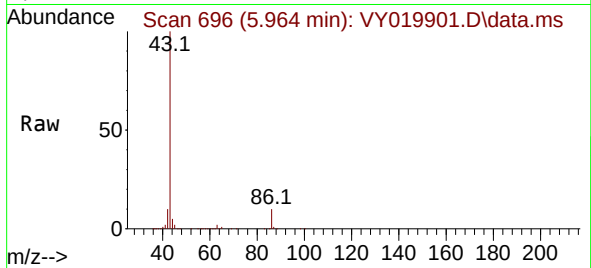




#23
 Vinyl Acetate
 Concen: 111.597 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY019901.D
 Acq: 15 Oct 2024 14:16

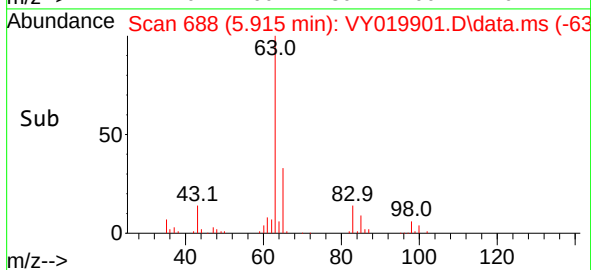
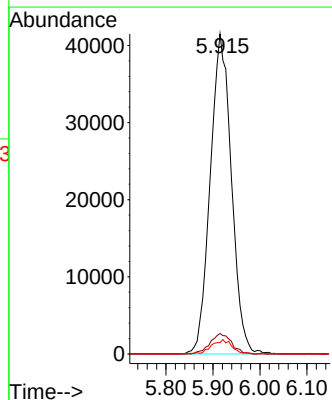
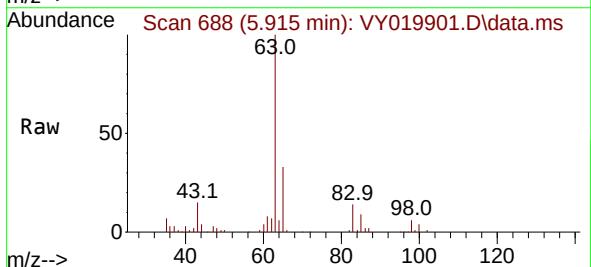
Instrument :
 MSVOA_Y
 ClientSampleId :

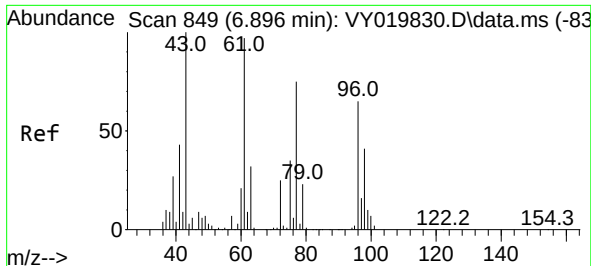
Tgt Ion: 43 Resp: 679008
 Ion Ratio Lower Upper
 43 100
 86 9.5 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.993 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019901.D
 Acq: 15 Oct 2024 14:16

Tgt Ion: 63 Resp: 129750
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.0 12.2
 100 3.6 2.6 8.0





#25

2-Butanone

Concen: 119.720 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

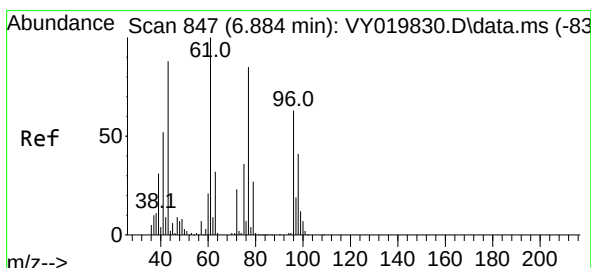
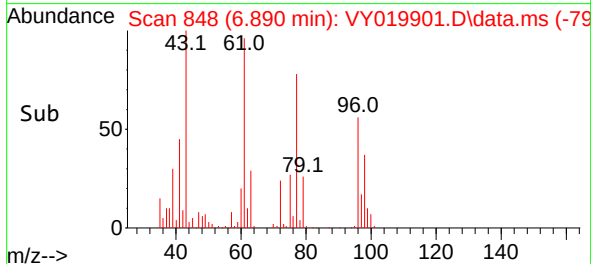
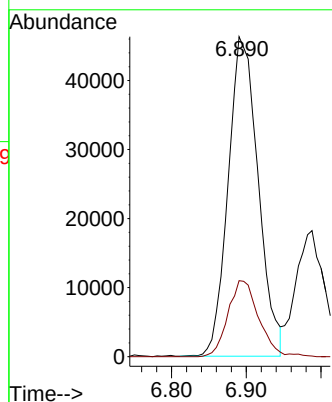
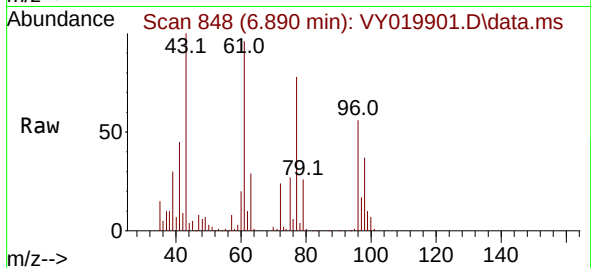
ClientSampleId :

Tgt Ion: 43 Resp: 129297

Ion Ratio Lower Upper

43 100

72 23.8 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 21.438 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019901.D

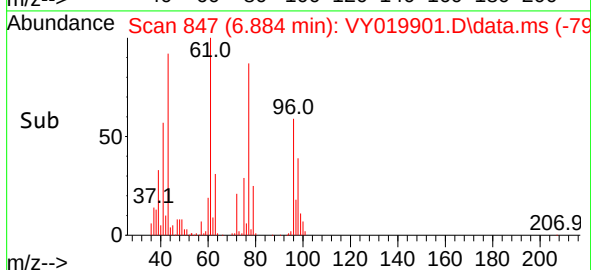
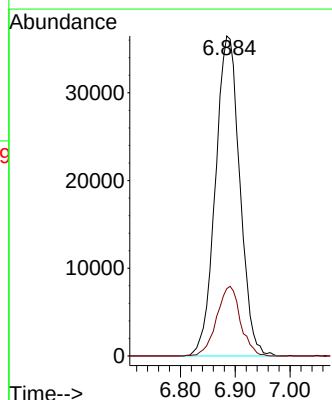
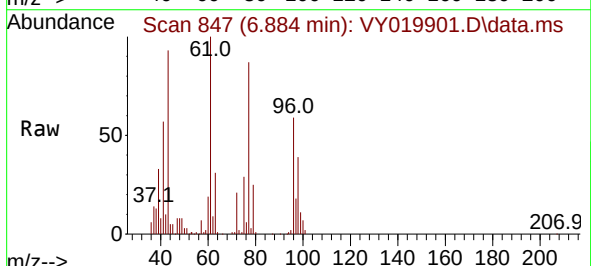
Acq: 15 Oct 2024 14:16

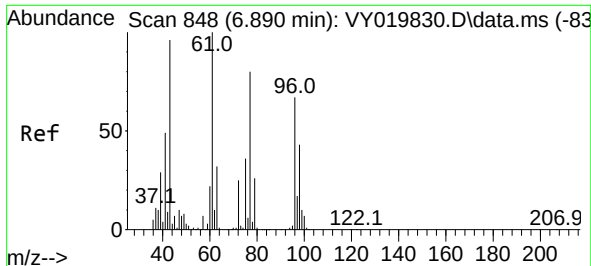
Tgt Ion: 77 Resp: 112637

Ion Ratio Lower Upper

77 100

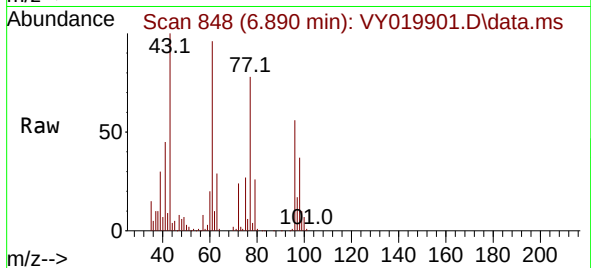
97 21.3 12.0 36.1





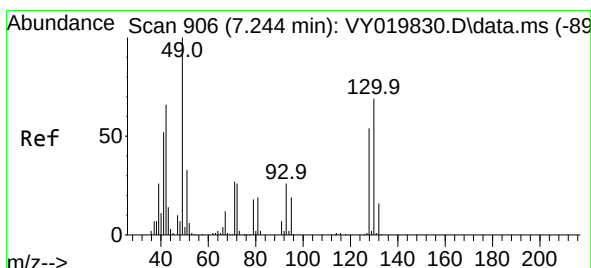
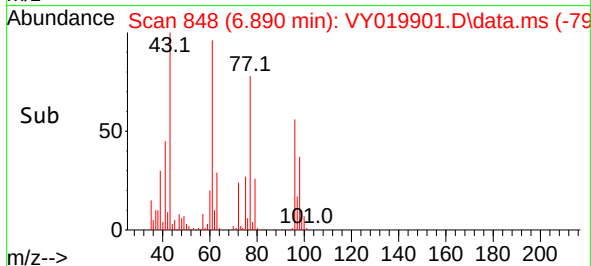
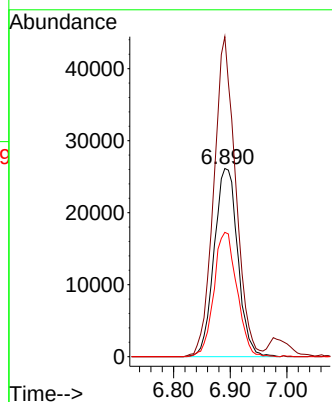
#27
 cis-1,2-Dichloroethene
 Concen: 20.754 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019901.D
 Acq: 15 Oct 2024 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 75383

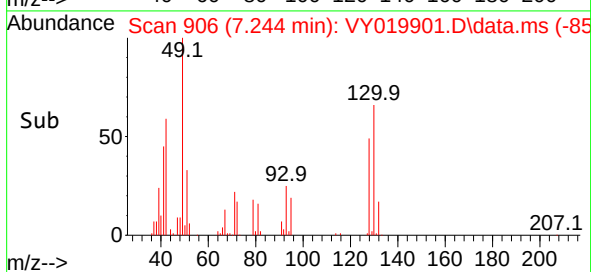
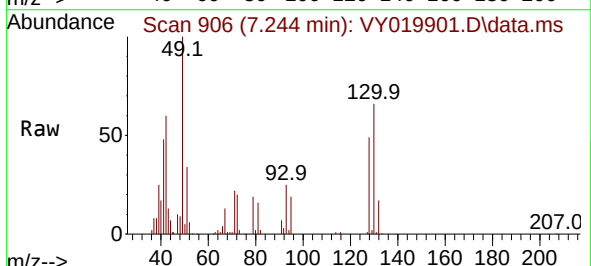
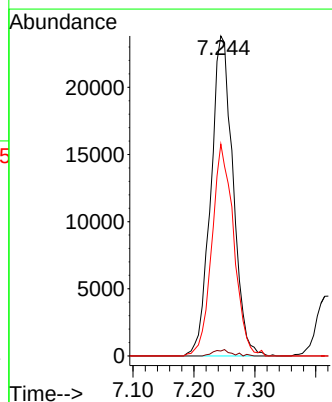
Ion	Ratio	Lower	Upper
96	100		
61	158.1	0.0	256.2
98	64.6	0.0	130.0

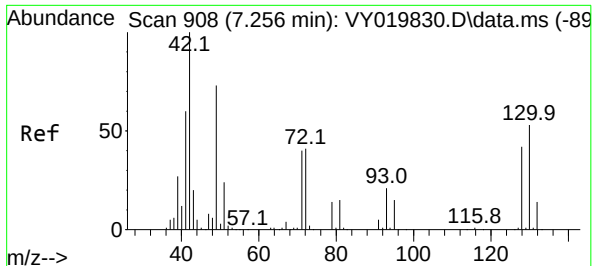


#28
 Bromochloromethane
 Concen: 23.220 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019901.D
 Acq: 15 Oct 2024 14:16

Tgt Ion: 49 Resp: 60297

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.6
130	65.1	72.7	109.1





#29

Tetrahydrofuran

Concen: 112.516 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

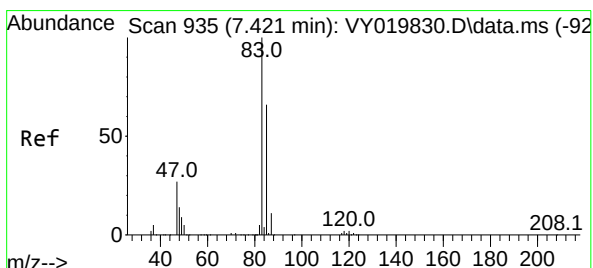
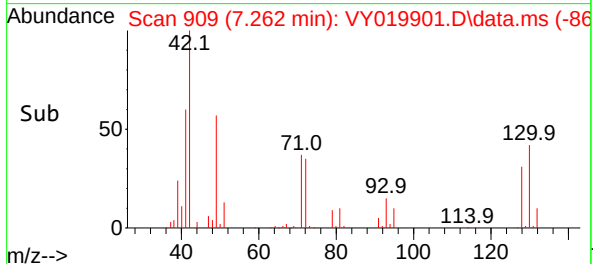
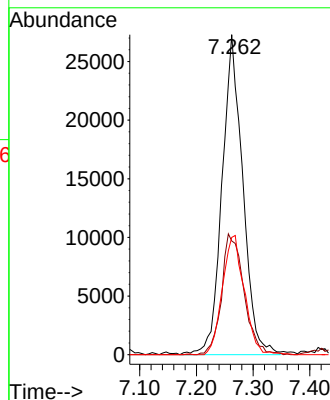
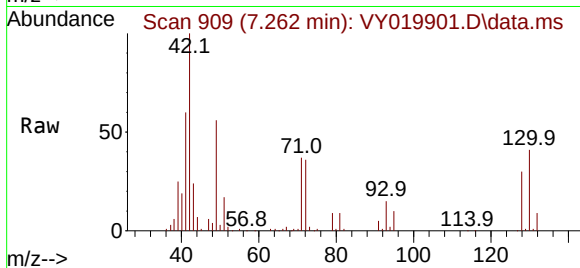
Tgt Ion: 42 Resp: 69383

Ion Ratio Lower Upper

42 100

72 40.6 43.0 64.4#

71 39.2 40.8 61.2#



#30

Chloroform

Concen: 22.250 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019901.D

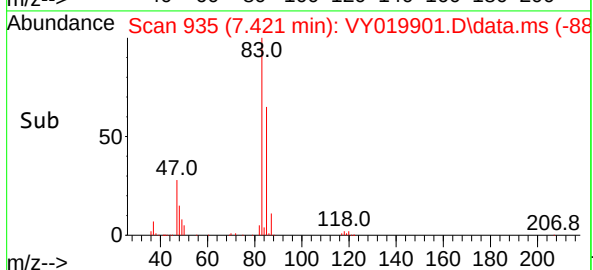
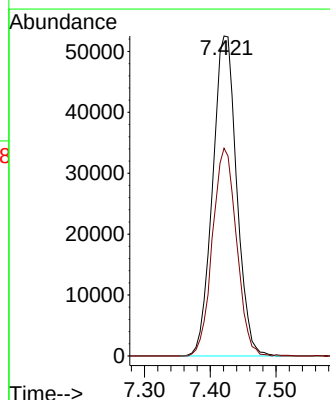
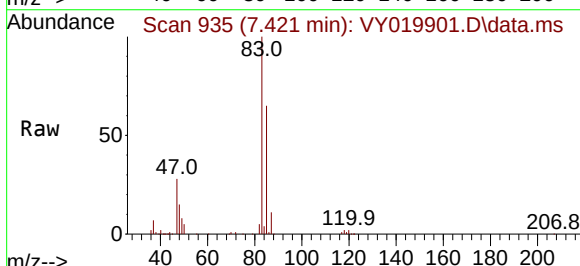
Acq: 15 Oct 2024 14:16

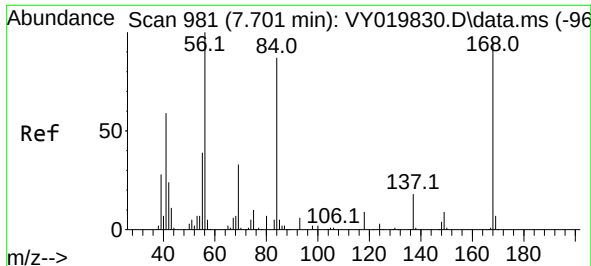
Tgt Ion: 83 Resp: 133814

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4

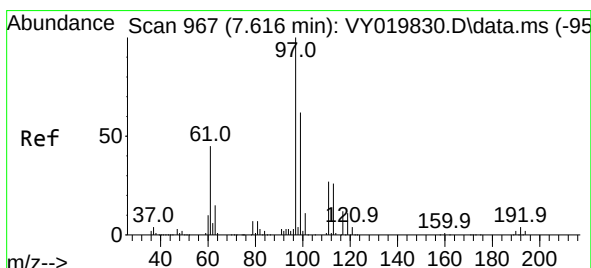
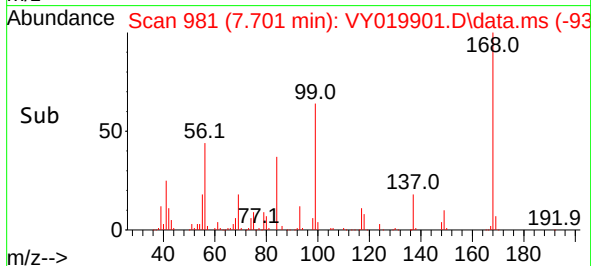
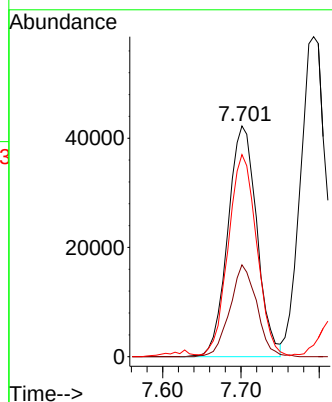
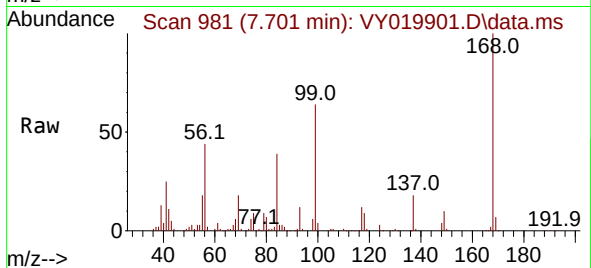




#31
Cyclohexane
Concen: 20.981 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

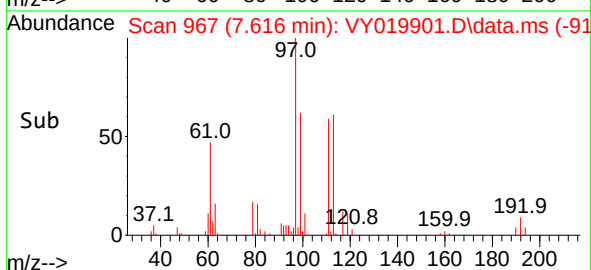
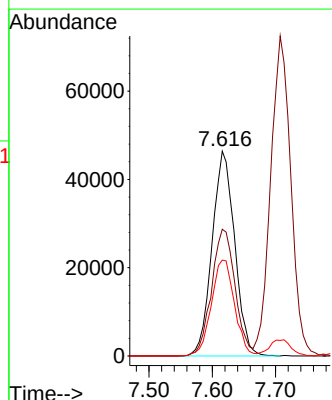
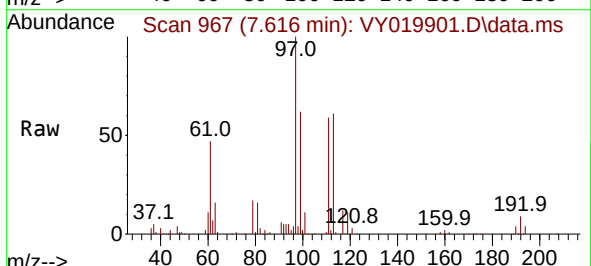
Instrument :
MSVOA_Y
ClientSampleId :

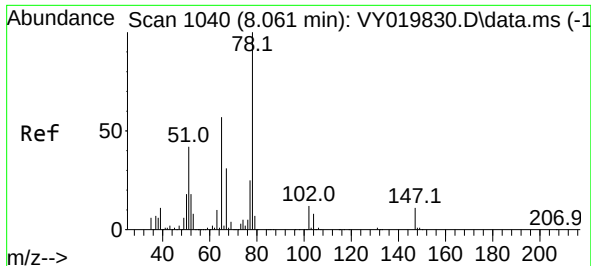
Tgt Ion: 56 Resp: 108659
Ion Ratio Lower Upper
56 100
69 39.8 28.7 43.1
84 86.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.840 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 97 Resp: 115111
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 48.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.289 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

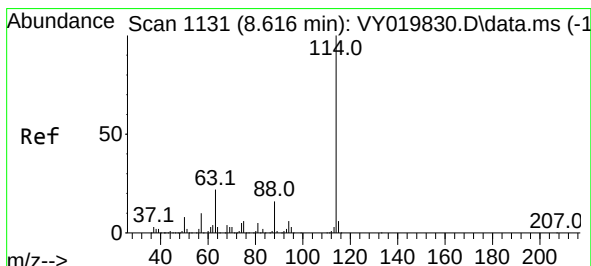
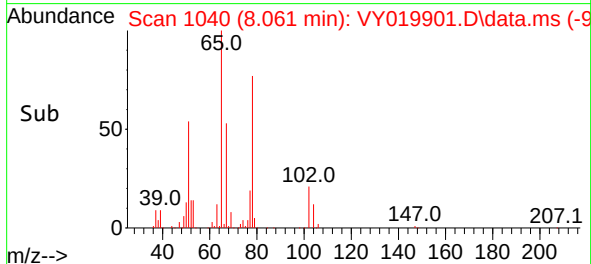
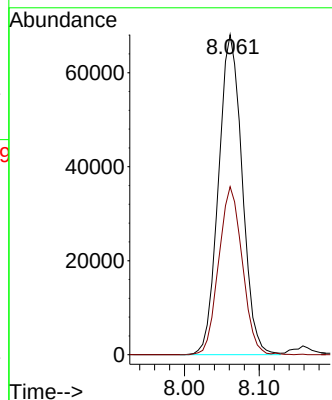
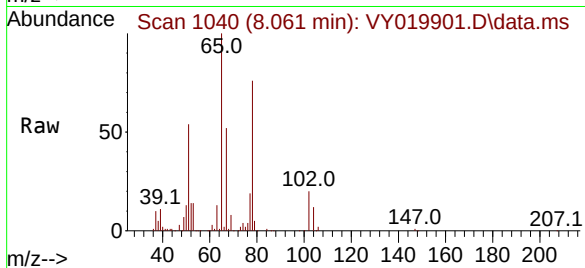
ClientSampleId :

Tgt Ion: 65 Resp: 149672

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

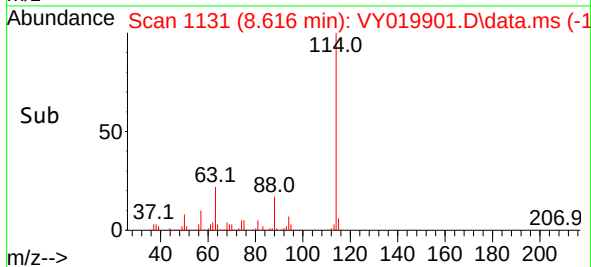
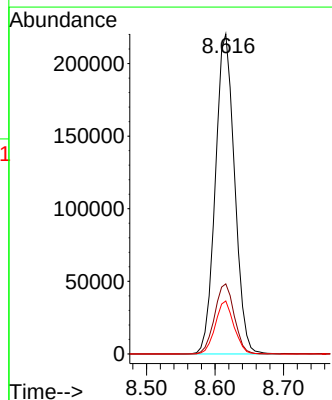
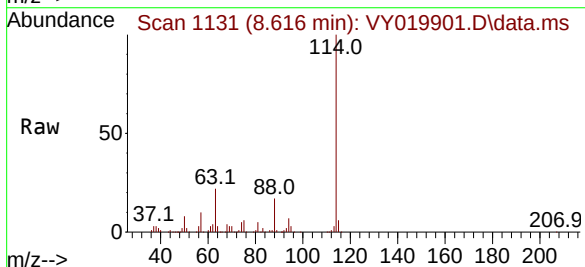
Tgt Ion: 114 Resp: 427488

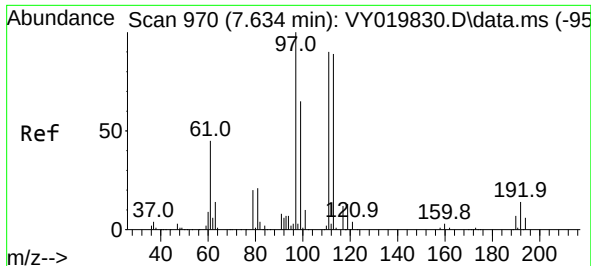
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

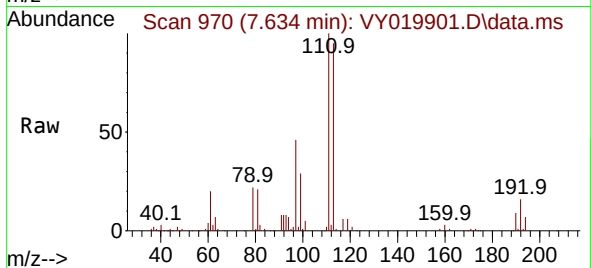
88 16.6 0.0 27.2



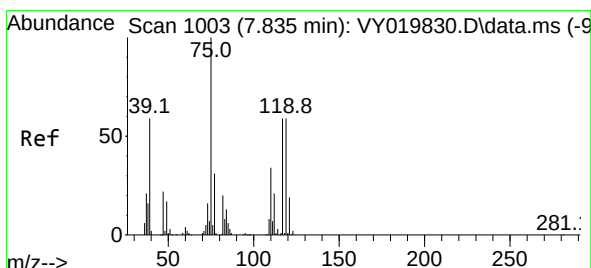
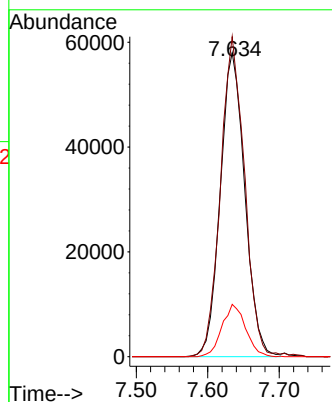
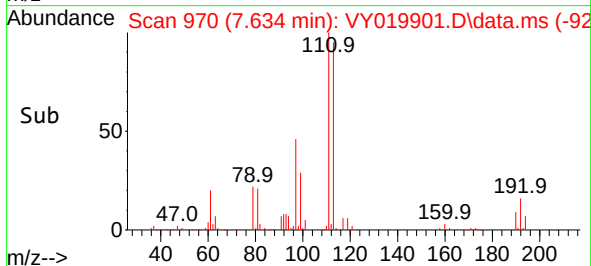


#35
Dibromofluoromethane
Concen: 48.920 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

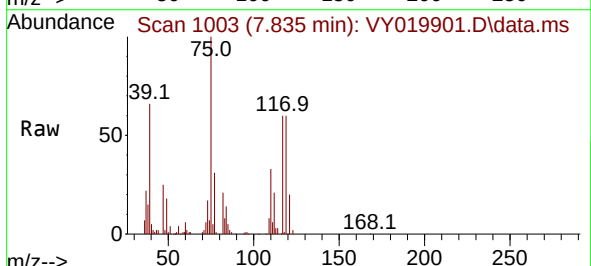
Instrument :
MSVOA_Y
ClientSampleId :



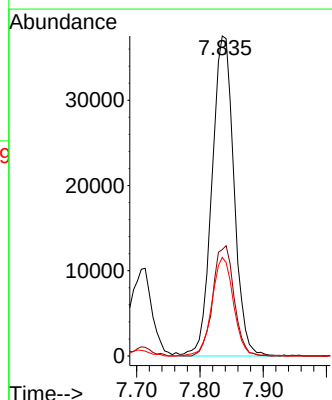
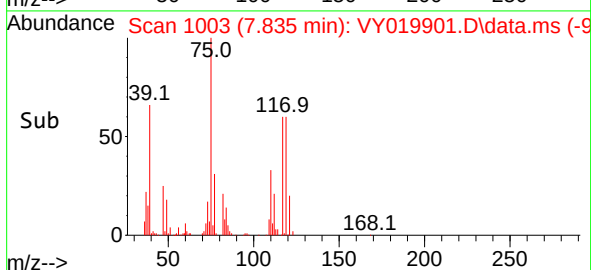
Tgt Ion:113 Resp: 138002
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 16.7 15.9 23.9

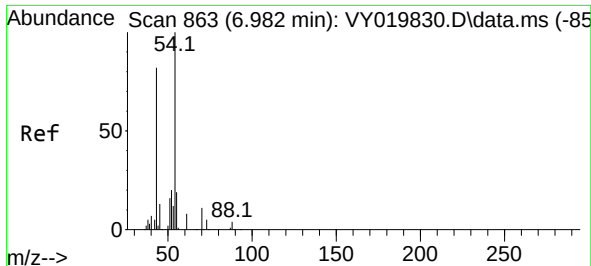


#36
1,1-Dichloropropene
Concen: 22.225 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16



Tgt Ion: 75 Resp: 90325
Ion Ratio Lower Upper
75 100
110 33.4 19.0 57.0
77 30.3 25.3 37.9

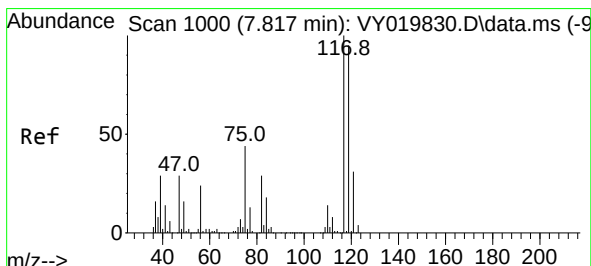
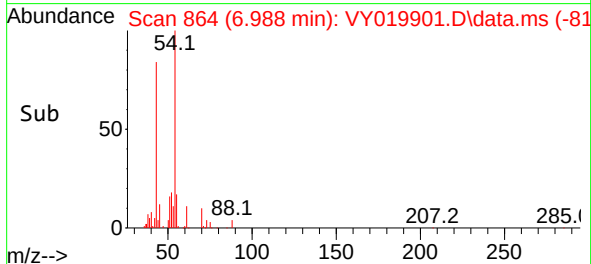
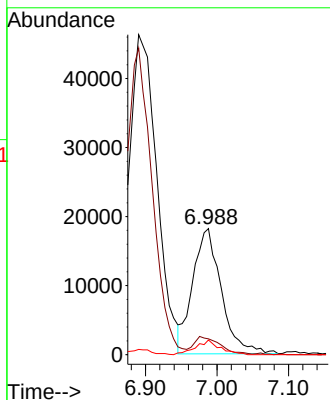
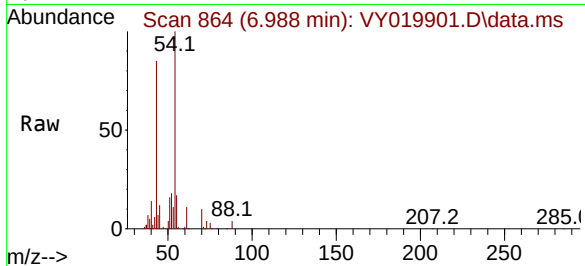




#37
Ethyl Acetate
Concen: 23.897 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

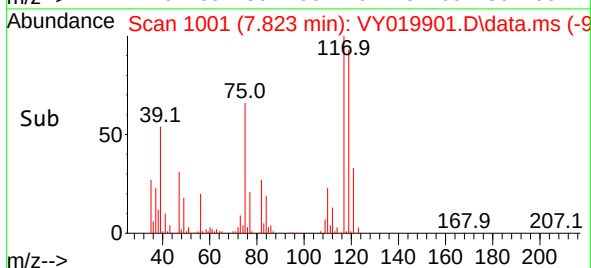
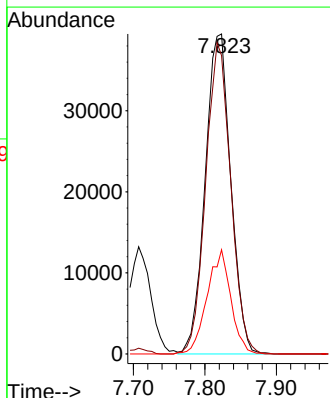
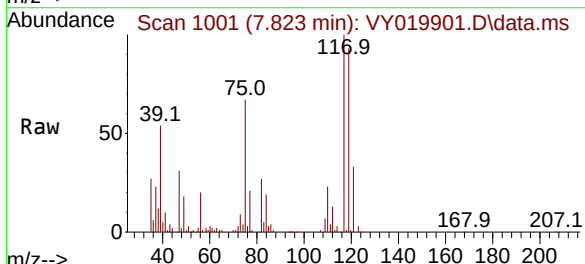
Instrument :
MSVOA_Y
ClientSampleId :

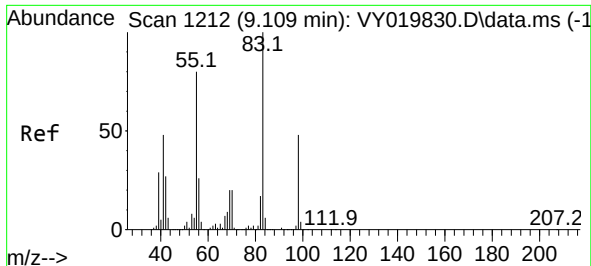
Tgt Ion: 43 Resp: 50641
Ion Ratio Lower Upper
43 100
61 12.3 12.6 19.0#
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 22.561 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 117 Resp: 98295
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.6
121 32.5 24.0 36.0





#39

Methylcyclohexane

Concen: 21.722 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

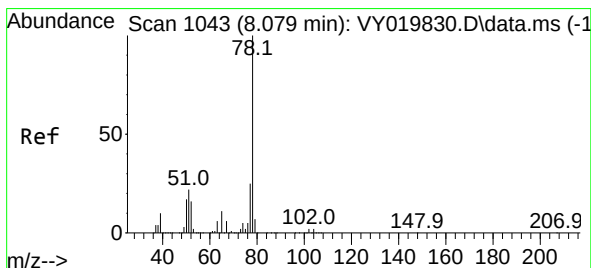
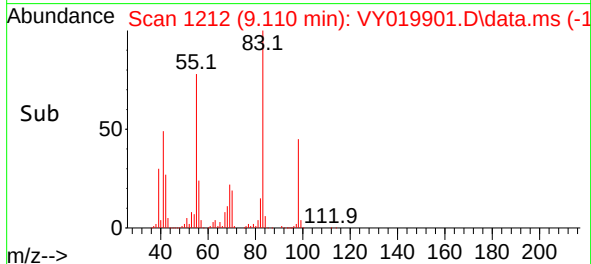
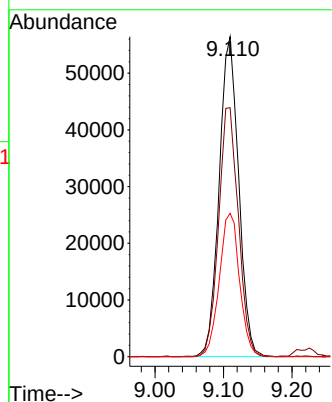
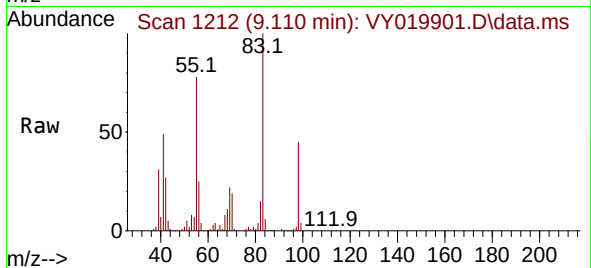
Tgt Ion: 83 Resp: 111231

Ion Ratio Lower Upper

83 100

55 77.8 51.5 77.3#

98 44.8 40.5 60.7



#40

Benzene

Concen: 21.781 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019901.D

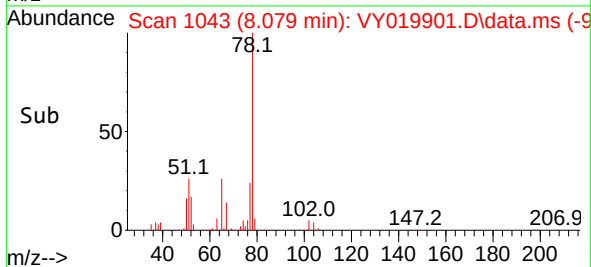
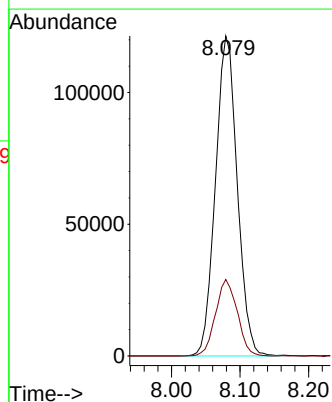
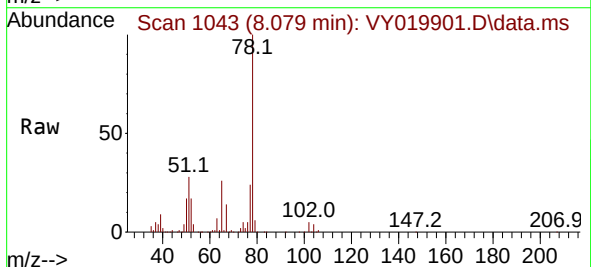
Acq: 15 Oct 2024 14:16

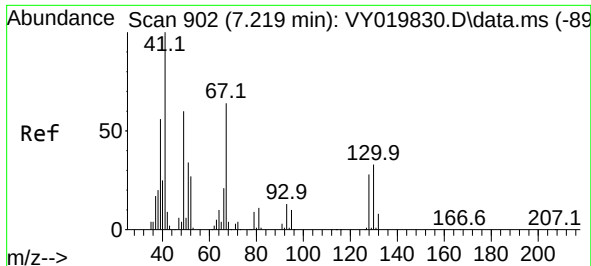
Tgt Ion: 78 Resp: 267896

Ion Ratio Lower Upper

78 100

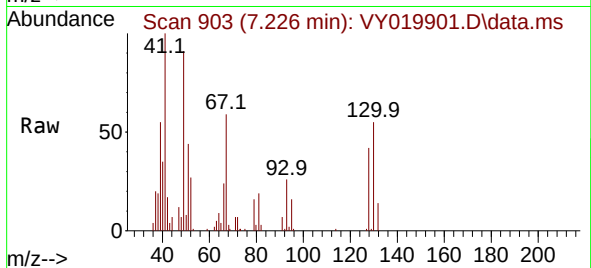
77 23.9 19.5 29.3



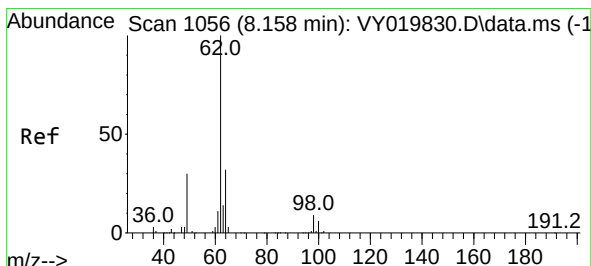
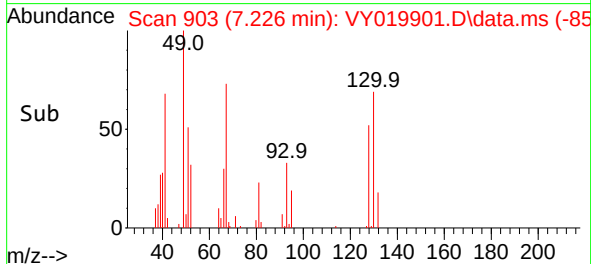
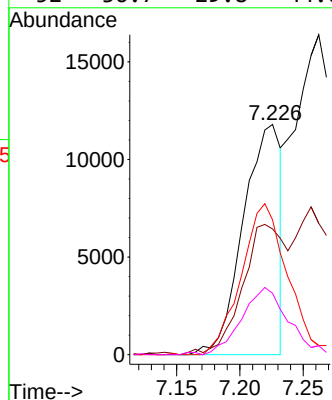


#41
Methacrylonitrile
Concen: 21.321 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

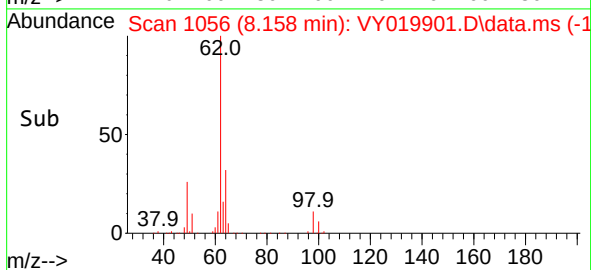
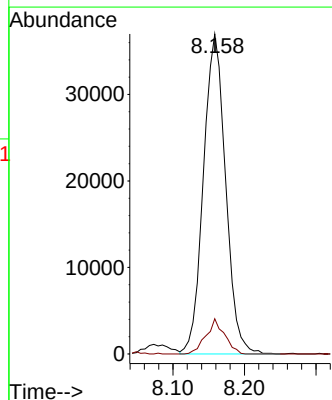
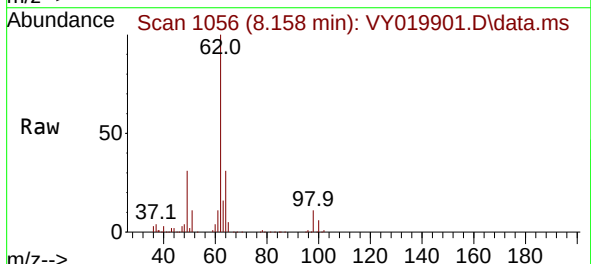


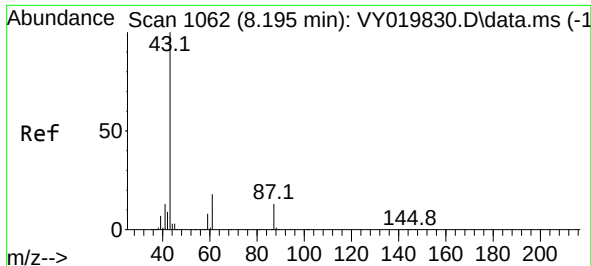
Tgt Ion:	41	Resp:	24454
Ion Ratio	Lower	Upper	
41	100		
39	65.0	48.0	72.0
67	81.7	75.1	112.7
52	36.7	29.8	44.6



#42
1,2-Dichloroethane
Concen: 22.570 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion:	62	Resp:	79752
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	22.0

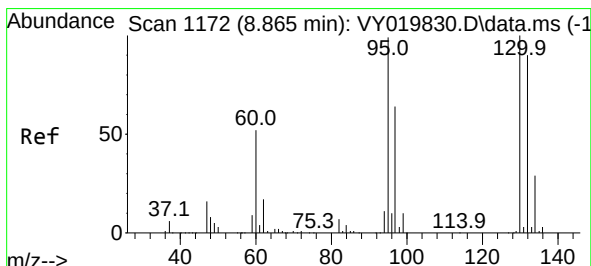
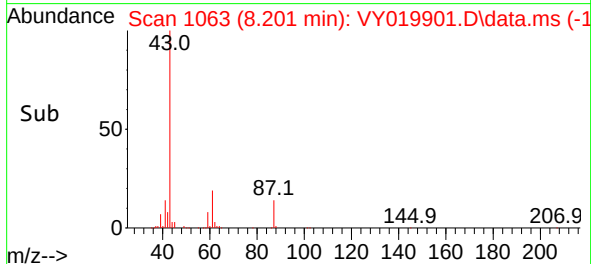
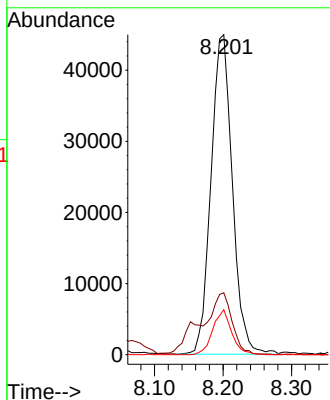
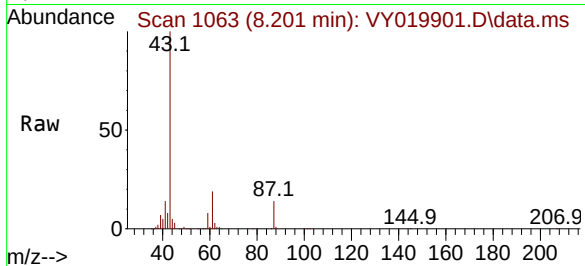




#43
Isopropyl Acetate
Concen: 22.533 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

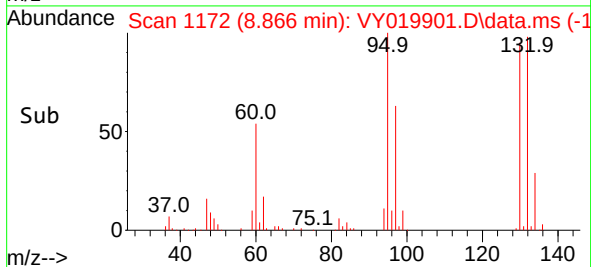
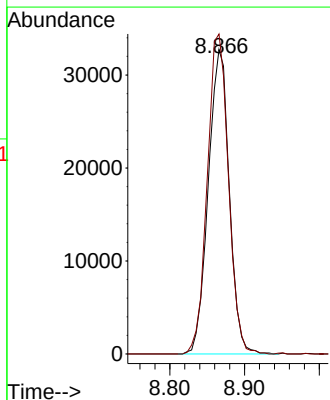
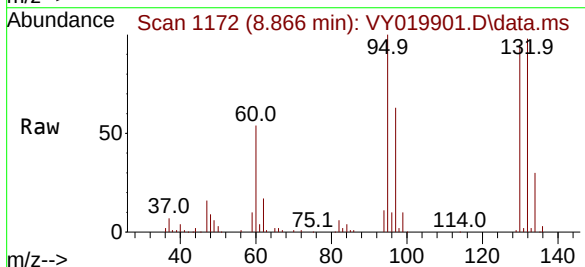
Instrument :
MSVOA_Y
ClientSampleId :

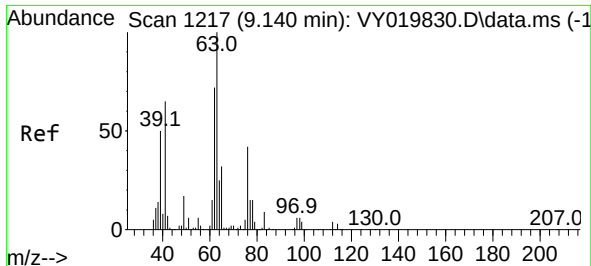
Tgt Ion: 43 Resp: 97385
Ion Ratio Lower Upper
43 100
61 19.3 27.9 41.9#
87 12.4 13.1 19.7#



#44
Trichloroethene
Concen: 21.462 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion:130 Resp: 63936
Ion Ratio Lower Upper
130 100
95 105.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.829 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

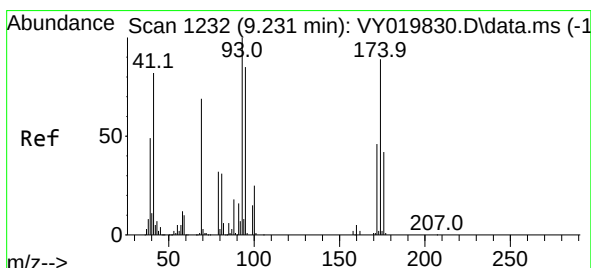
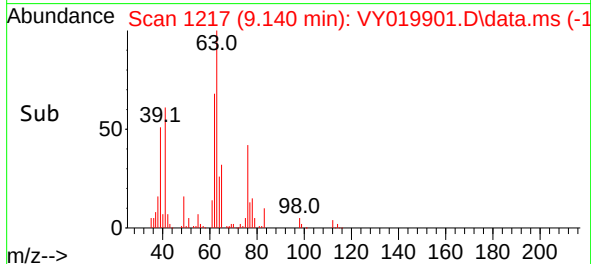
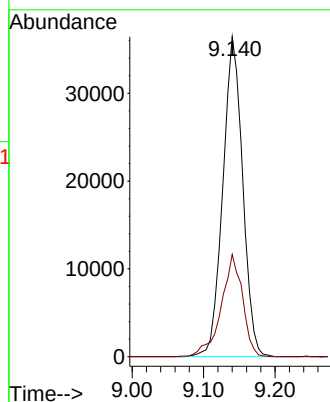
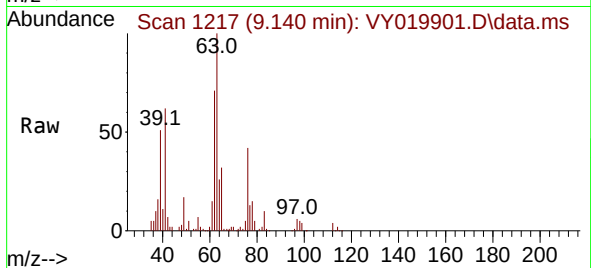
ClientSampleId :

Tgt Ion: 63 Resp: 70281

Ion Ratio Lower Upper

63 100

65 31.9 25.4 38.2



#46

Dibromomethane

Concen: 22.399 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

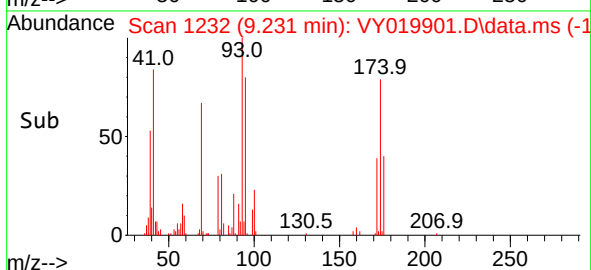
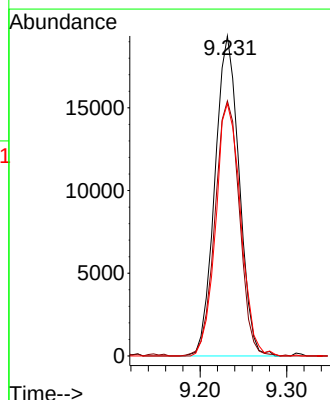
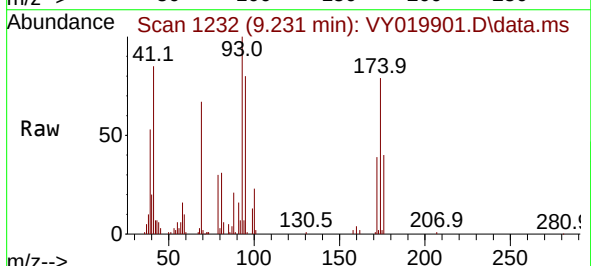
Tgt Ion: 93 Resp: 37675

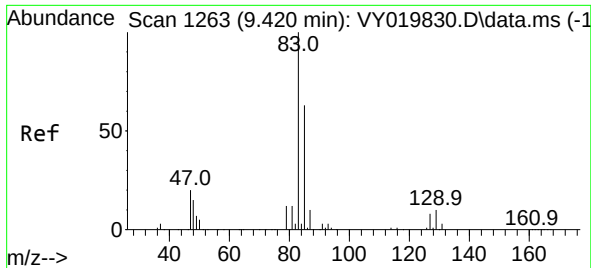
Ion Ratio Lower Upper

93 100

95 80.4 66.2 99.4

174 80.9 80.9 121.3#

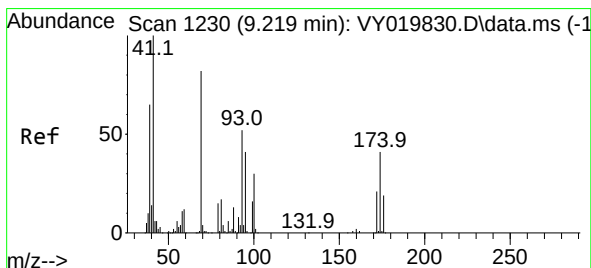
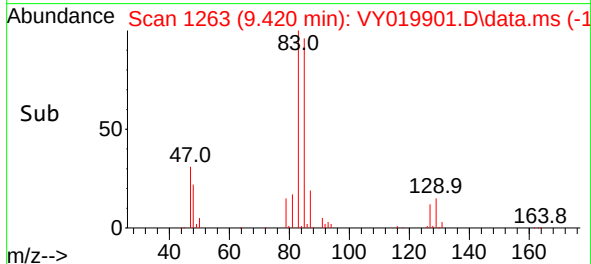
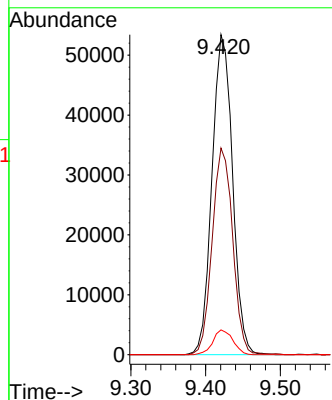
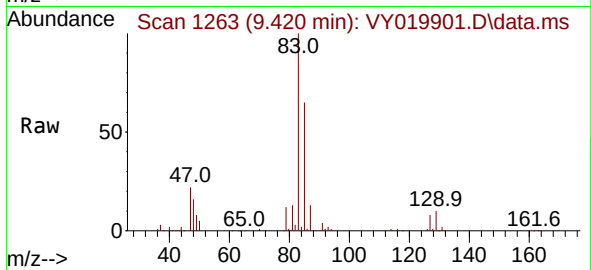




#47
Bromodichloromethane
Concen: 22.840 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

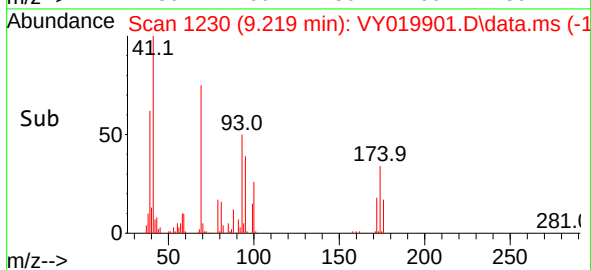
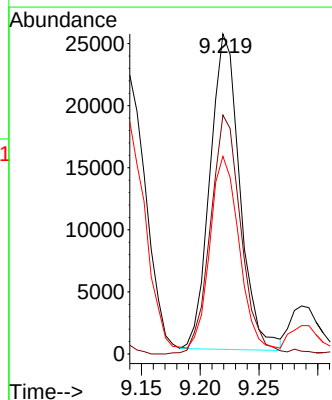
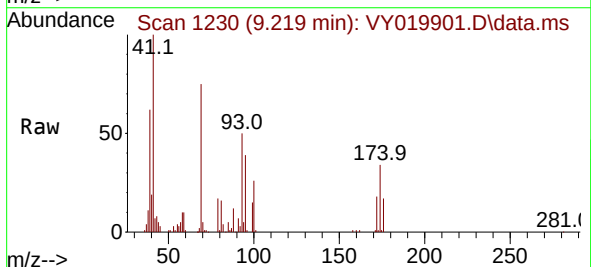
Instrument :
MSVOA_Y
ClientSampleId :

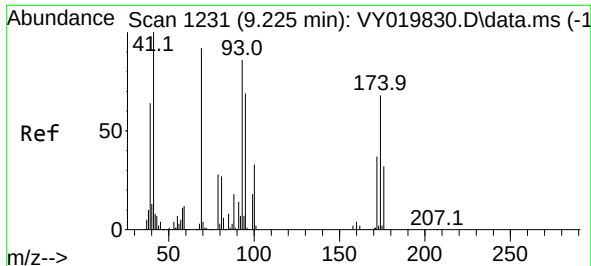
Tgt Ion: 83 Resp: 101967
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 7.7 7.4 11.0



#48
Methyl methacrylate
Concen: 23.663 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 41 Resp: 44985
Ion Ratio Lower Upper
41 100
69 77.1 84.1 126.1#
39 59.1 43.6 65.4

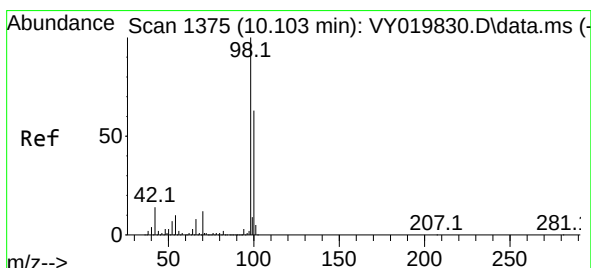
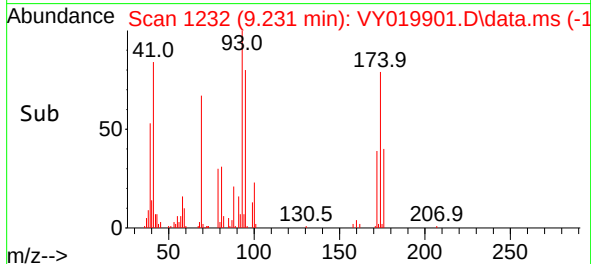
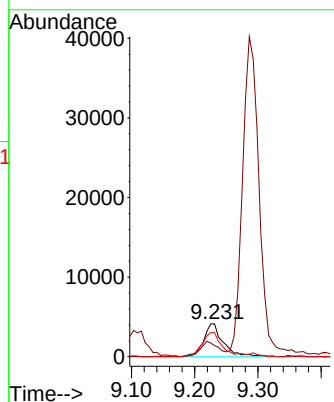
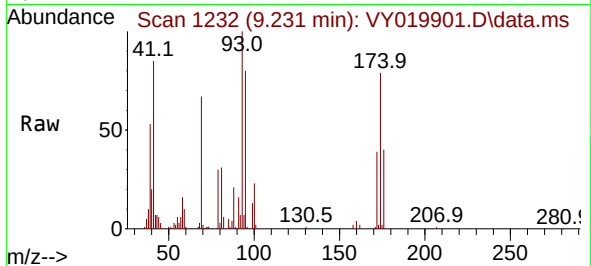




#49
1,4-Dioxane
Concen: 474.685 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

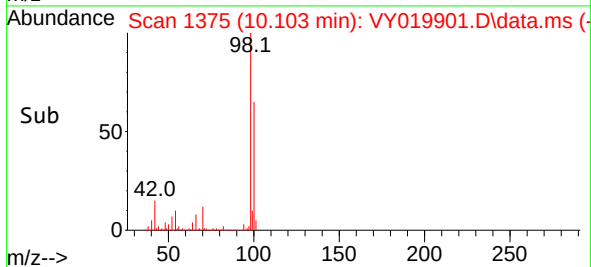
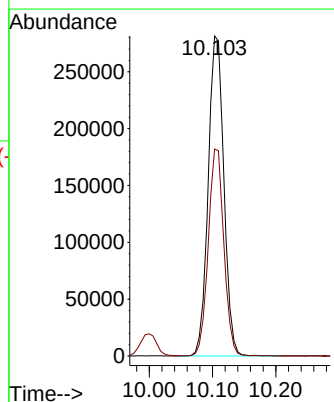
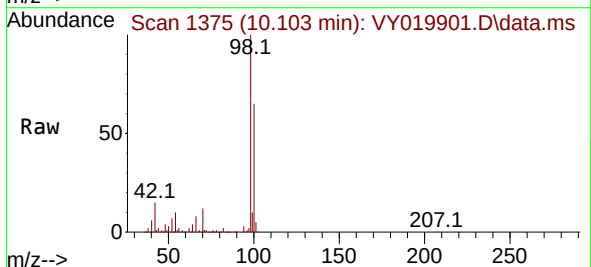
Instrument :
MSVOA_Y
ClientSampleId :

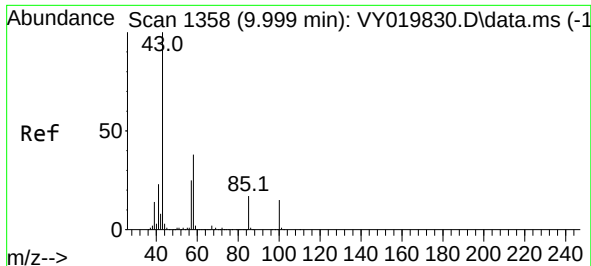
Tgt Ion: 88 Resp: 8936
Ion Ratio Lower Upper
88 100
43 42.7 0.0 0.0#
58 75.8 49.3 73.9#



#50
Toluene-d8
Concen: 46.657 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 98 Resp: 486048
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

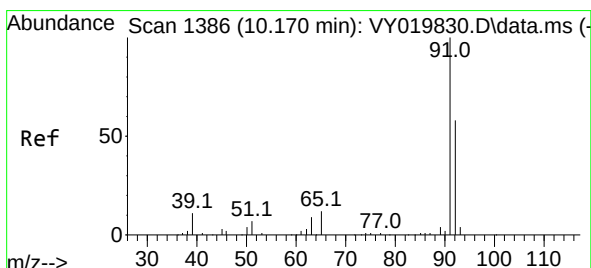
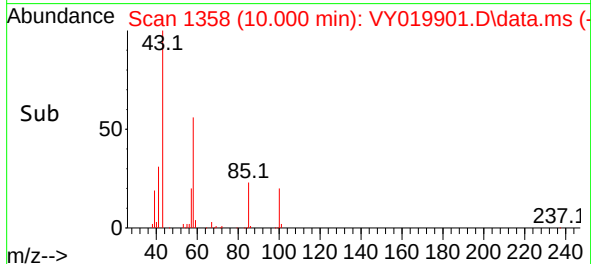
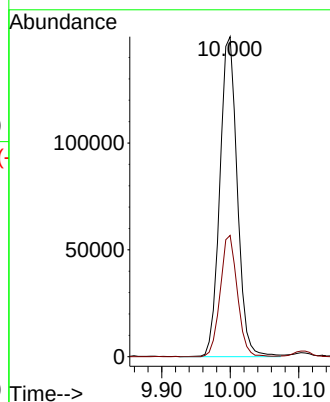
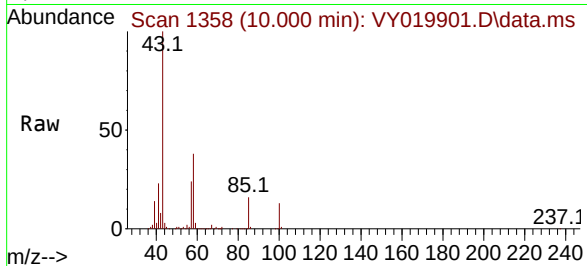




#51
4-Methyl-2-Pentanone
Concen: 119.674 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

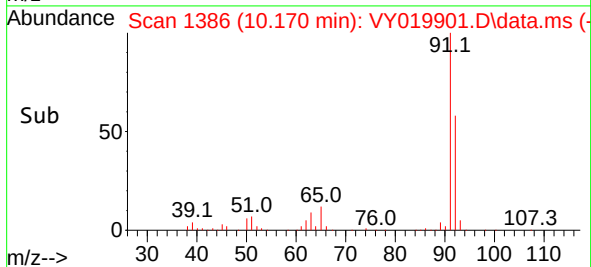
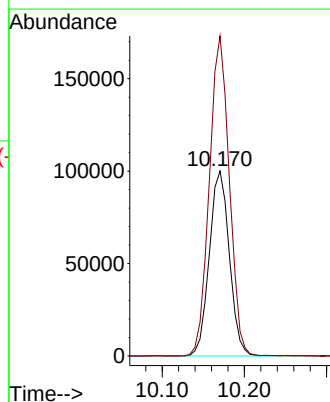
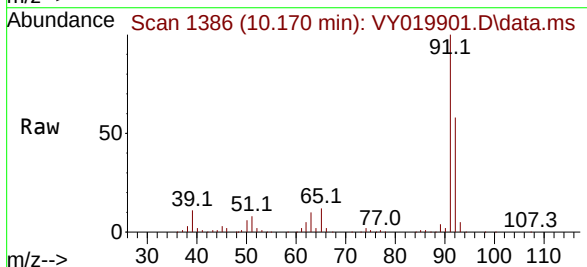
Instrument :
MSVOA_Y
ClientSampleId :

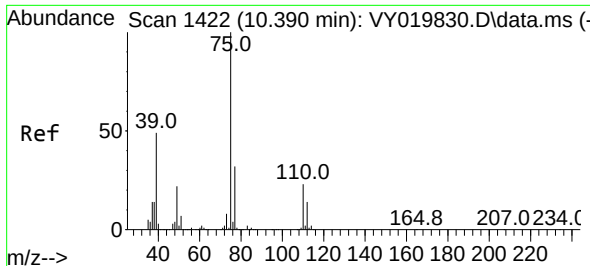
Tgt Ion: 43 Resp: 263812
Ion Ratio Lower Upper
43 100
58 37.1 35.7 53.5



#52
Toluene
Concen: 22.049 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 92 Resp: 169279
Ion Ratio Lower Upper
92 100
91 173.0 139.0 208.6

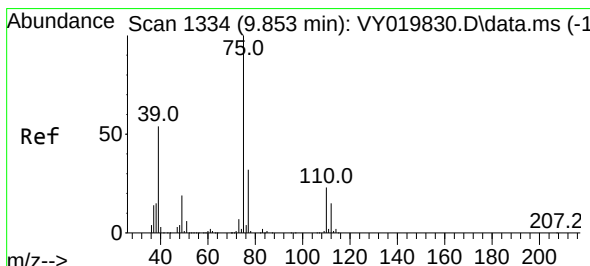
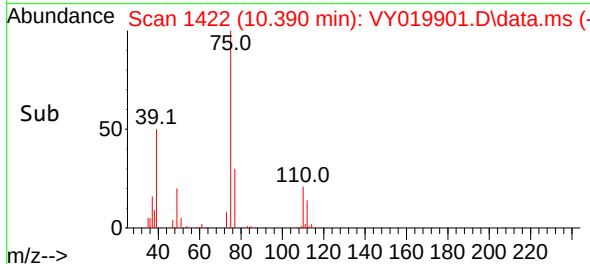
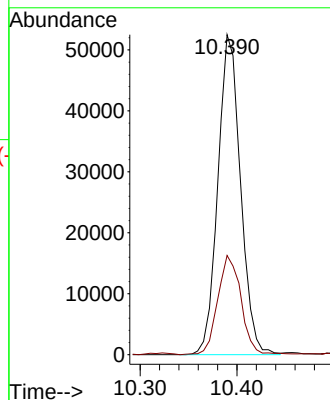
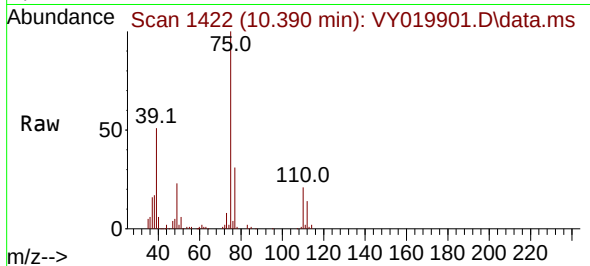




#53
t-1,3-Dichloropropene
Concen: 21.230 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

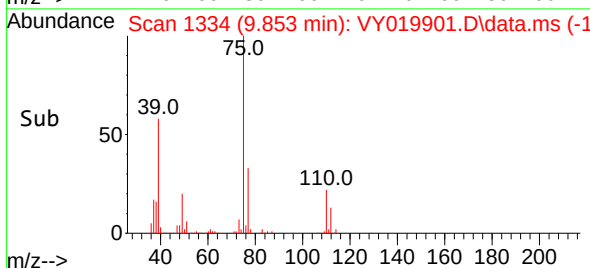
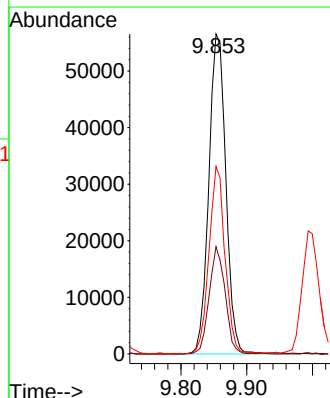
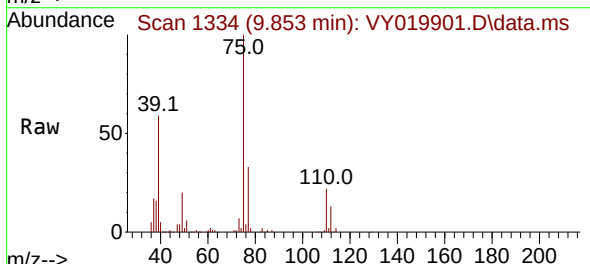
Instrument :
MSVOA_Y
ClientSampleId :

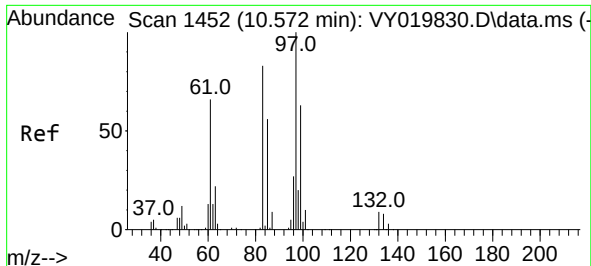
Tgt Ion: 75 Resp: 85281
Ion Ratio Lower Upper
75 100
77 31.0 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 21.503 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 75 Resp: 101921
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.0
39 58.4 29.8 44.6#

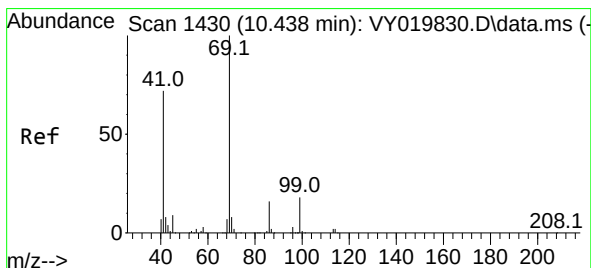
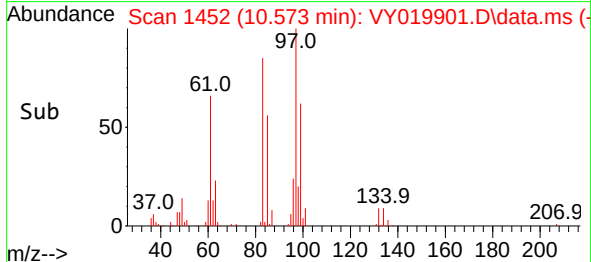
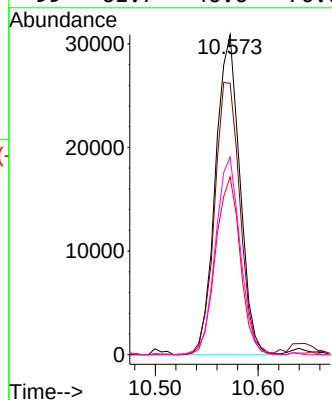
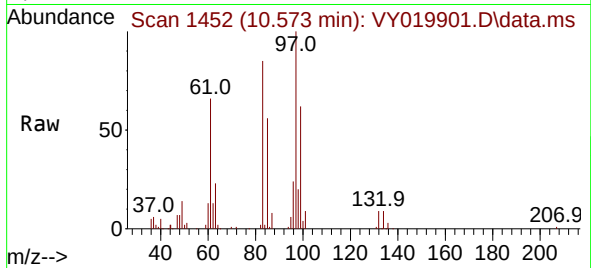




#55
1,1,2-Trichloroethane
Concen: 22.884 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

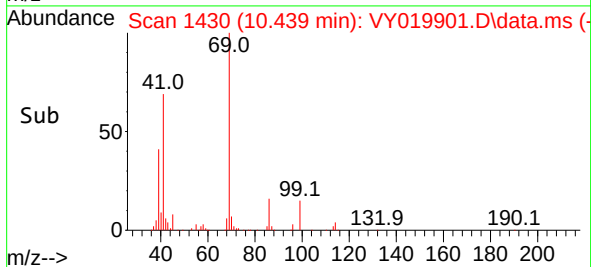
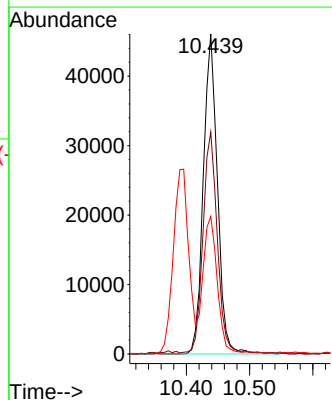
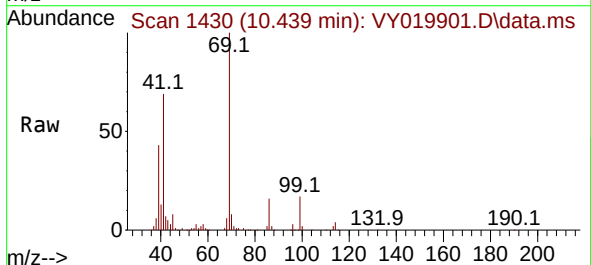
Instrument :
MSVOA_Y
ClientSampleId :

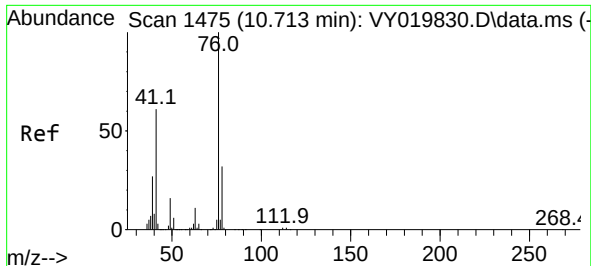
Tgt Ion: 97	Resp: 50712
Ion Ratio	Lower Upper
97	100
83	84.8 67.5 101.3
85	55.5 42.9 64.3
99	61.7 46.6 70.0



#56
Ethyl methacrylate
Concen: 22.536 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 69	Resp: 71659
Ion Ratio	Lower Upper
69	100
41	69.8 42.3 63.5#
39	44.1 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 22.790 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

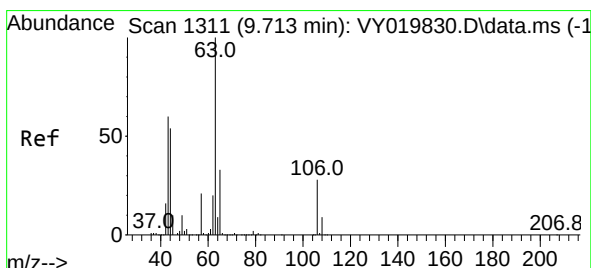
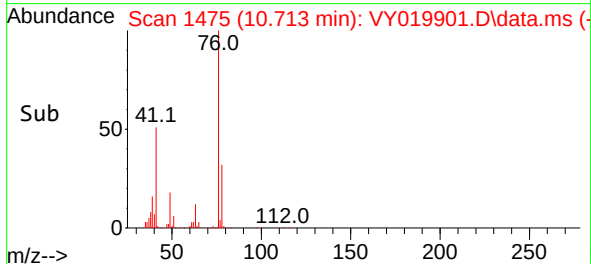
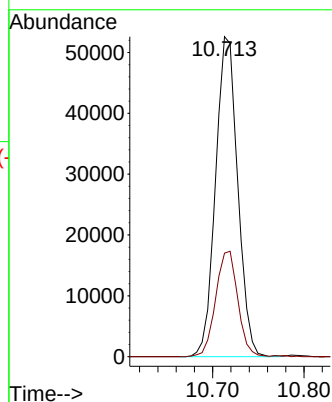
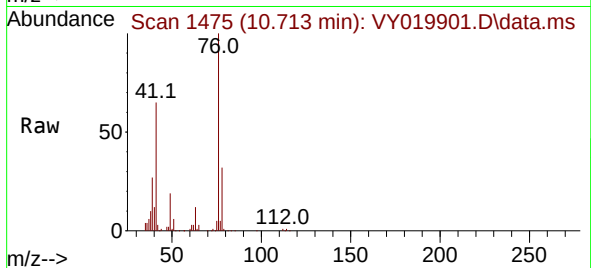
ClientSampleId :

Tgt Ion: 76 Resp: 88688

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 120.110 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019901.D

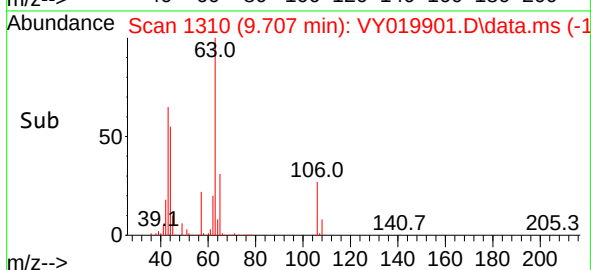
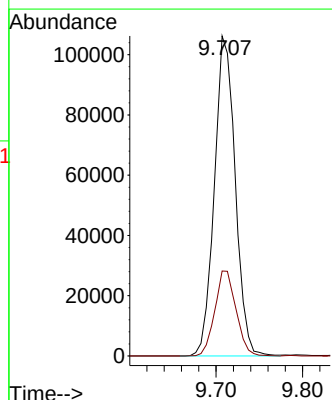
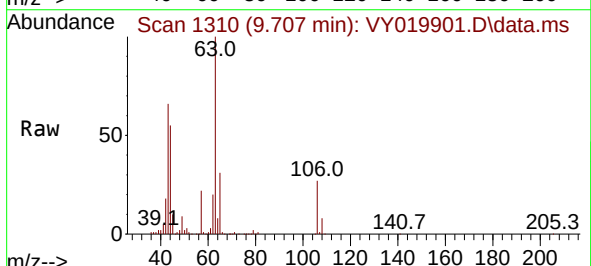
Acq: 15 Oct 2024 14:16

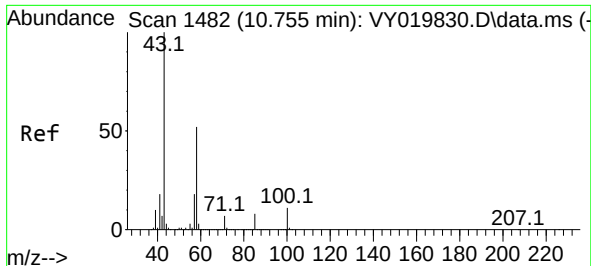
Tgt Ion: 63 Resp: 177796

Ion Ratio Lower Upper

63 100

106 27.0 23.7 35.5

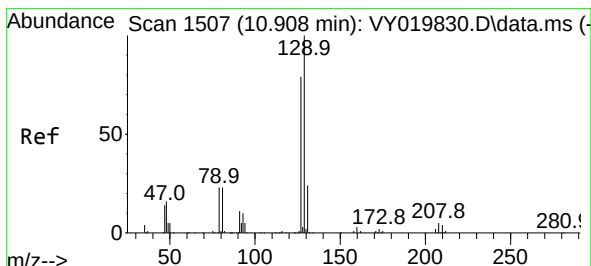
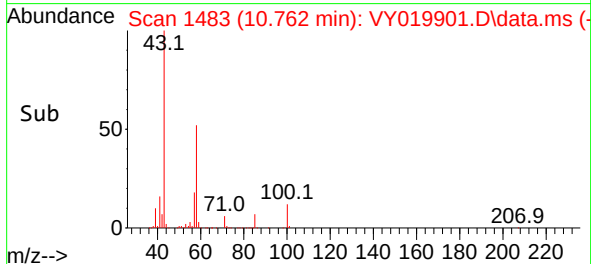
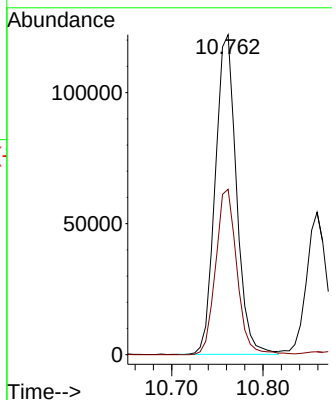
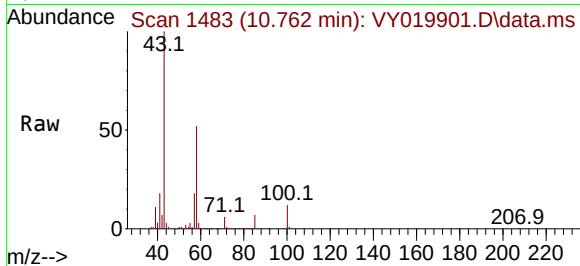




#59
2-Hexanone
Concen: 124.844 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

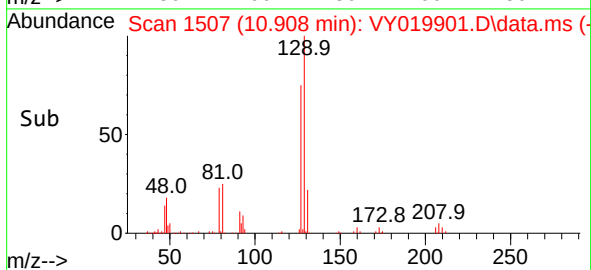
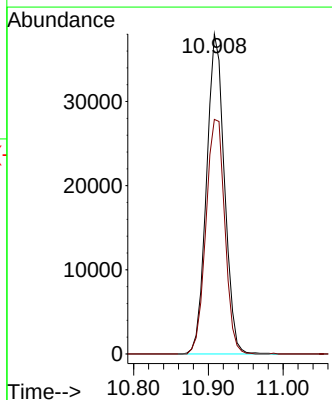
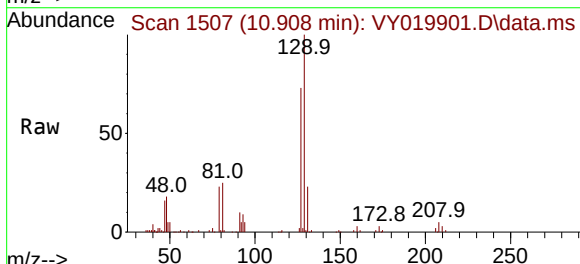
Instrument :
MSVOA_Y
ClientSampleId :

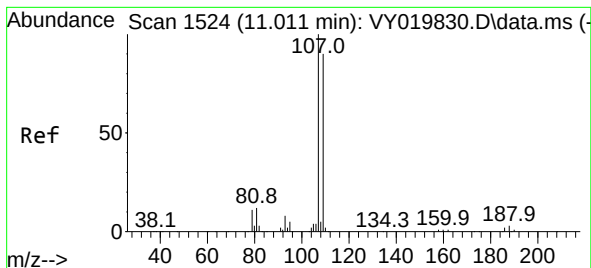
Tgt Ion: 43 Resp: 196562
Ion Ratio Lower Upper
43 100
58 52.0 31.4 94.0



#60
Dibromochloromethane
Concen: 22.236 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 129 Resp: 63246
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

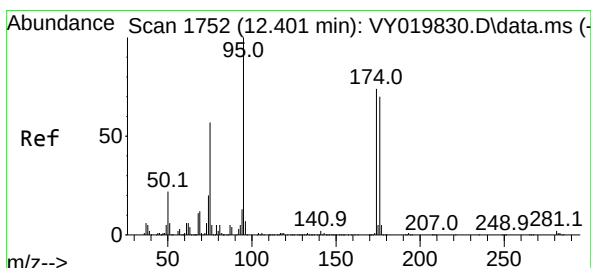
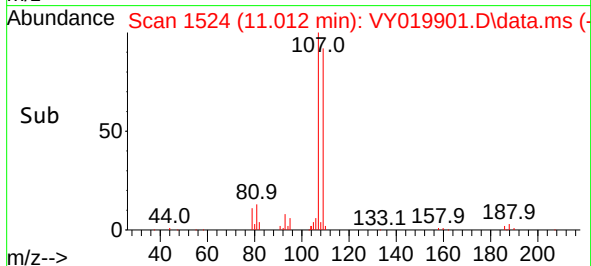
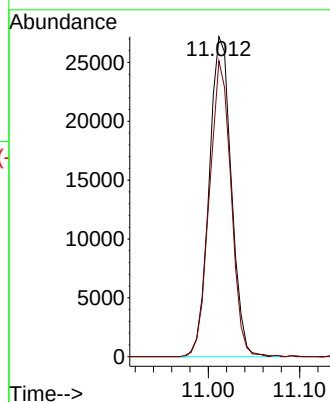
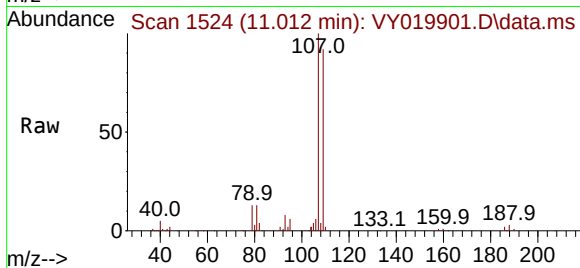




#61
1,2-Dibromoethane
Concen: 22.851 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

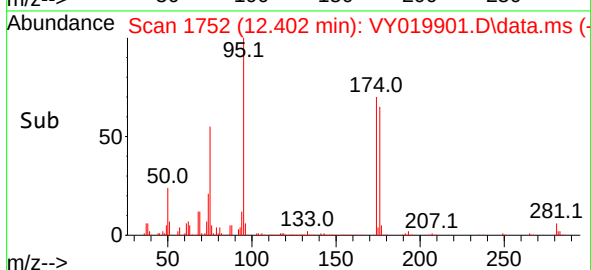
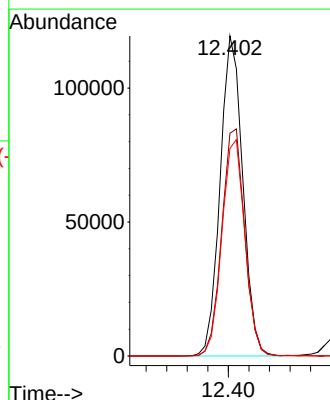
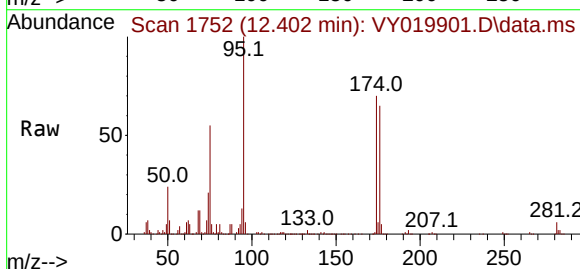
Instrument :
MSVOA_Y
ClientSampleId :

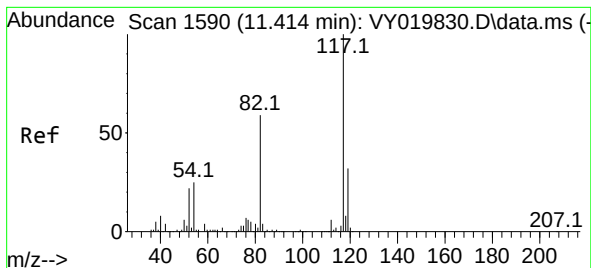
Tgt Ion:107 Resp: 45760
Ion Ratio Lower Upper
107 100
109 90.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.313 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 95 Resp: 181856
Ion Ratio Lower Upper
95 100
174 72.4 0.0 175.6
176 68.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

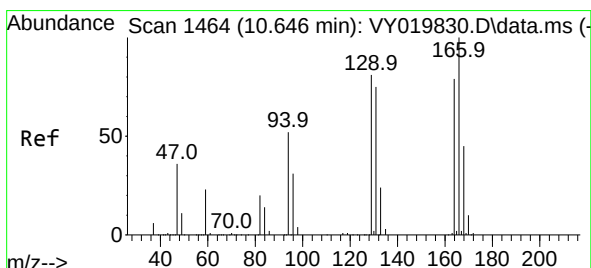
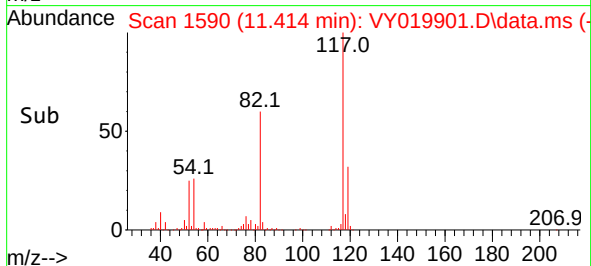
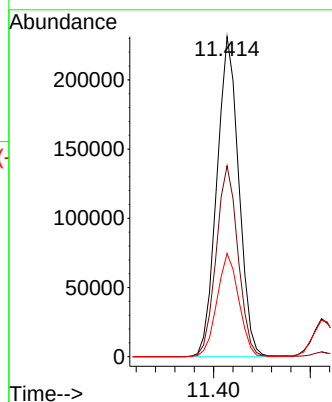
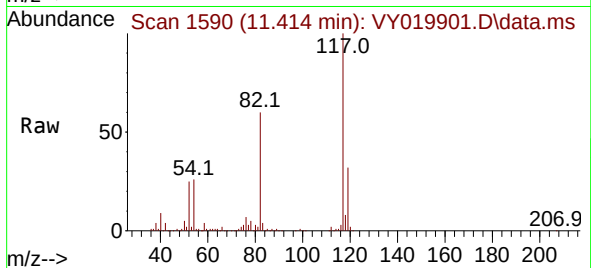
Tgt Ion:117 Resp: 364319

Ion Ratio Lower Upper

117 100

82 59.7 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 21.108 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Tgt Ion:164 Resp: 54698

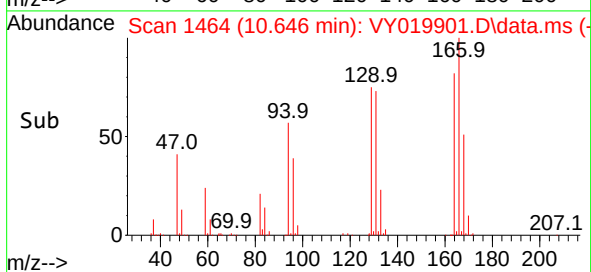
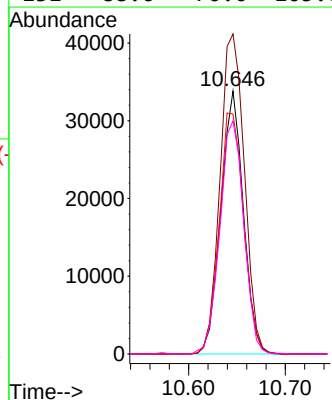
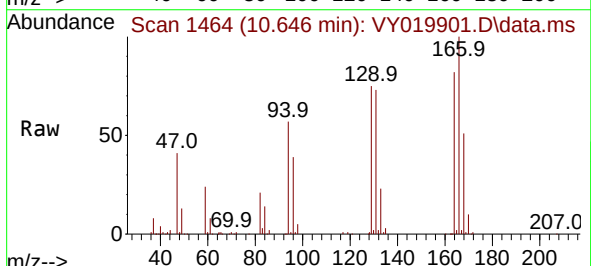
Ion Ratio Lower Upper

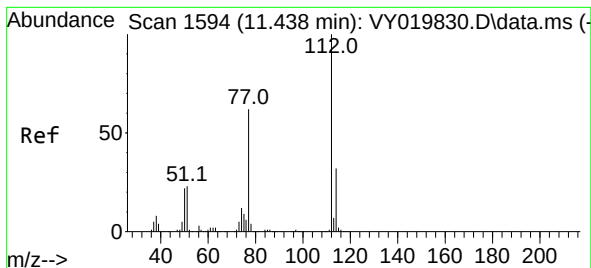
164 100

166 121.7 102.6 154.0

129 91.2 72.0 108.0

131 88.6 70.0 105.0





#65

Chlorobenzene

Concen: 22.093 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

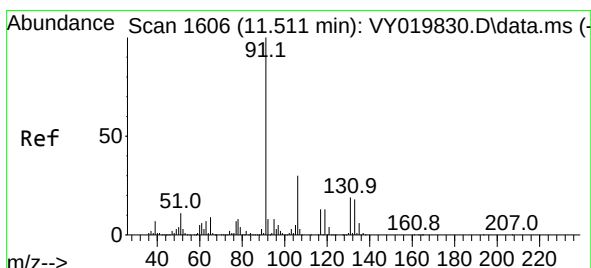
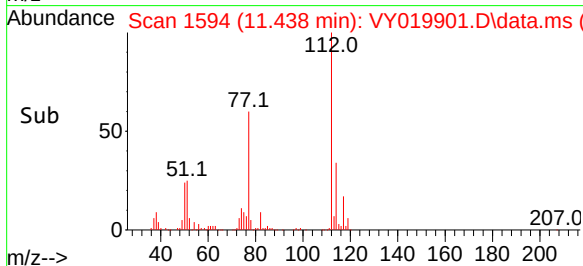
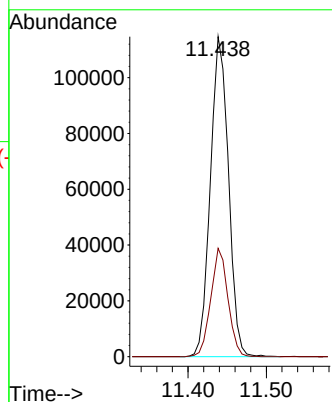
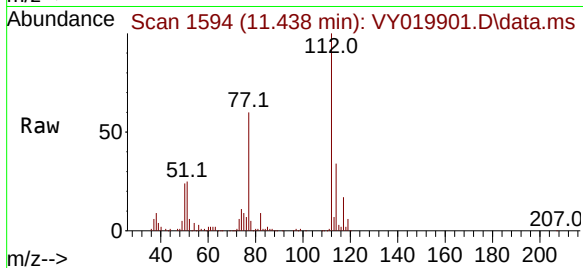
ClientSampleId :

Tgt Ion:112 Resp: 184096

Ion Ratio Lower Upper

112 100

114 33.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.919 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

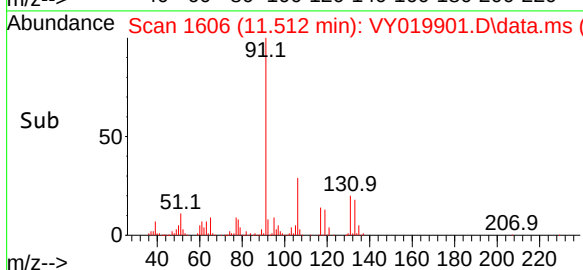
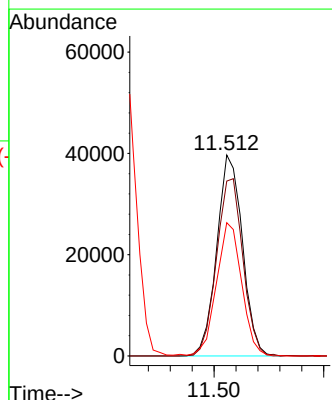
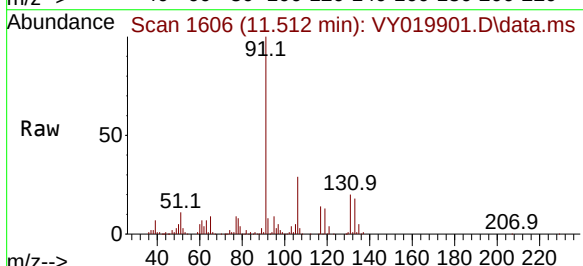
Tgt Ion:131 Resp: 64615

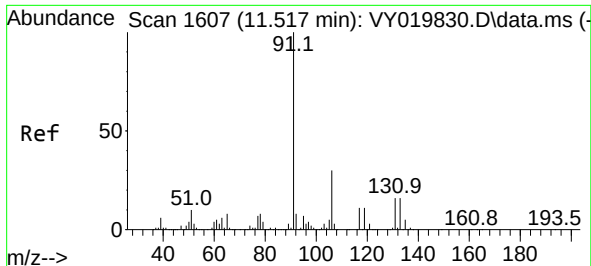
Ion Ratio Lower Upper

131 100

133 90.6 47.8 143.3

119 65.4 34.1 102.2





#67

Ethyl Benzene

Concen: 22.399 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

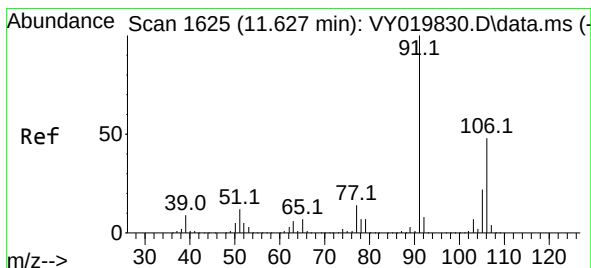
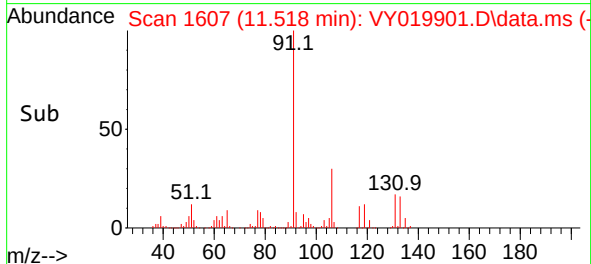
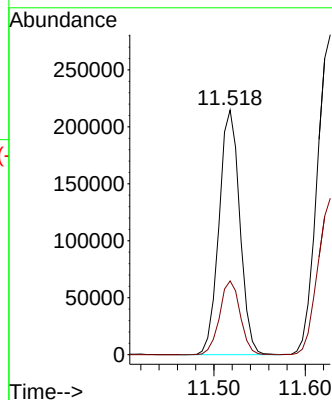
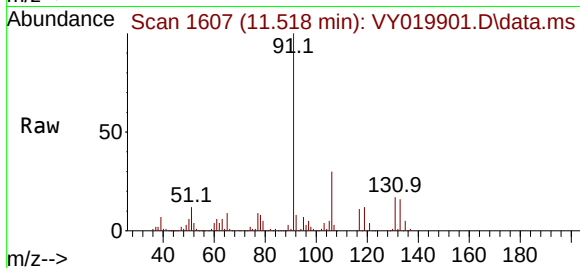
ClientSampleId :

Tgt Ion: 91 Resp: 339053

Ion Ratio Lower Upper

91 100

106 30.1 24.5 36.7



#68

m/p-Xylenes

Concen: 43.397 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019901.D

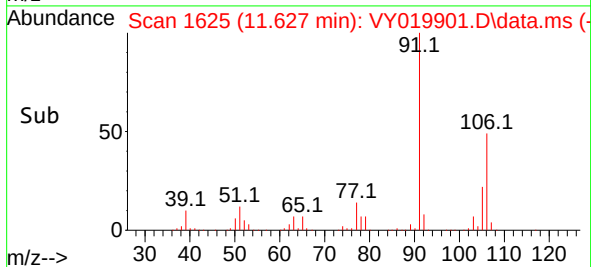
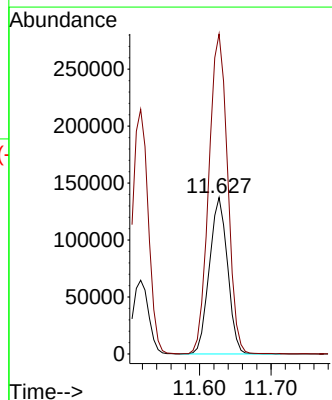
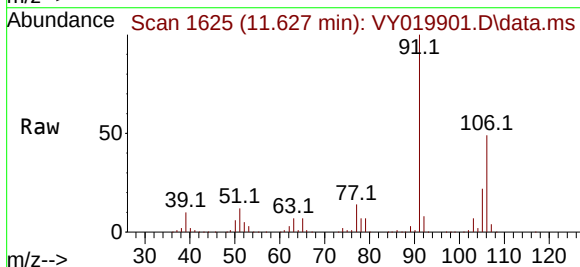
Acq: 15 Oct 2024 14:16

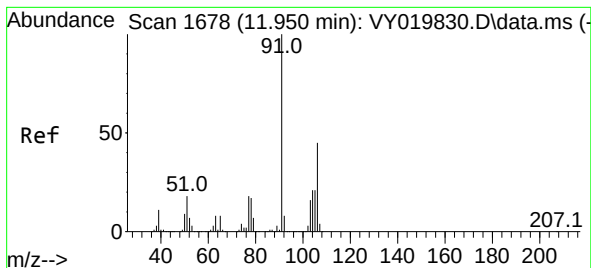
Tgt Ion:106 Resp: 242608

Ion Ratio Lower Upper

106 100

91 210.7 156.0 234.0





#69

o-Xylene

Concen: 22.338 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

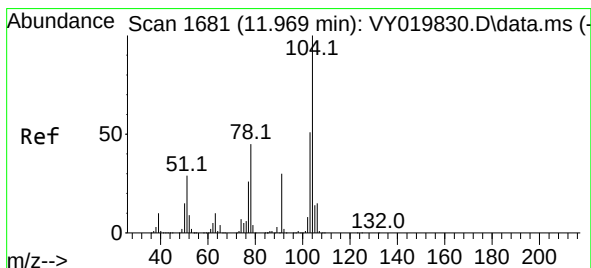
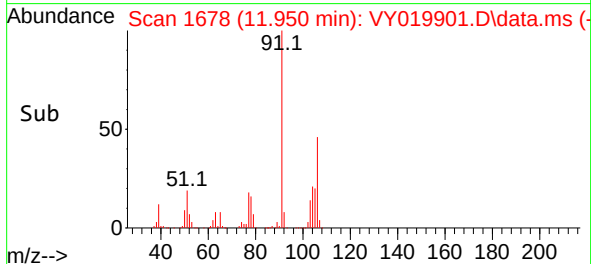
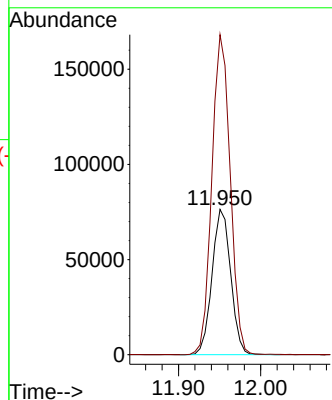
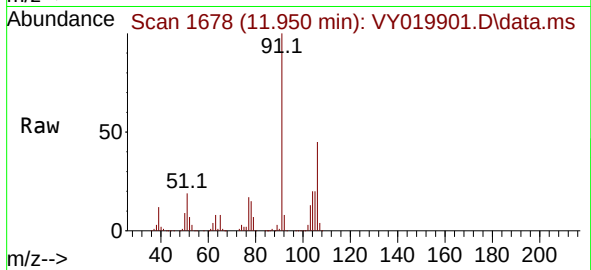
ClientSampleId :

Tgt Ion:106 Resp: 119986

Ion Ratio Lower Upper

106 100

91 216.9 103.6 310.8



#70

Styrene

Concen: 22.346 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

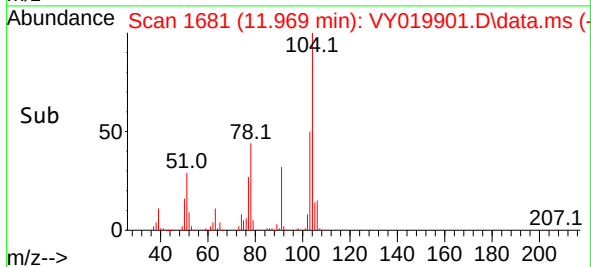
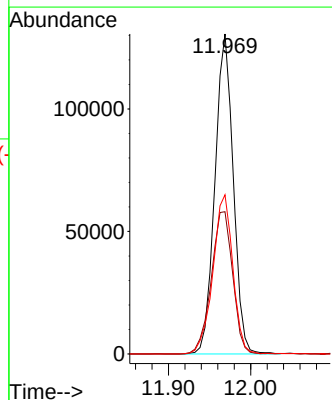
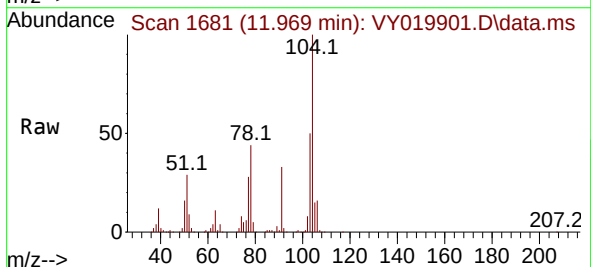
Tgt Ion:104 Resp: 202505

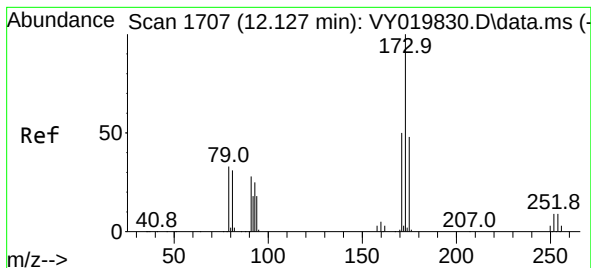
Ion Ratio Lower Upper

104 100

78 51.9 37.0 55.4

103 54.0 44.2 66.2





#71

Bromoform

Concen: 21.640 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

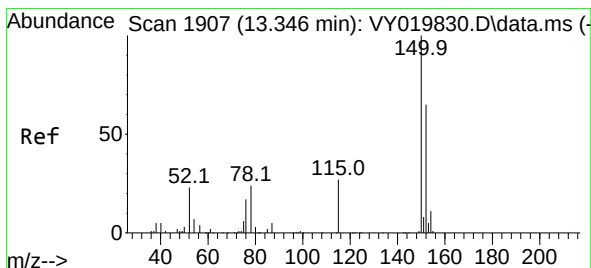
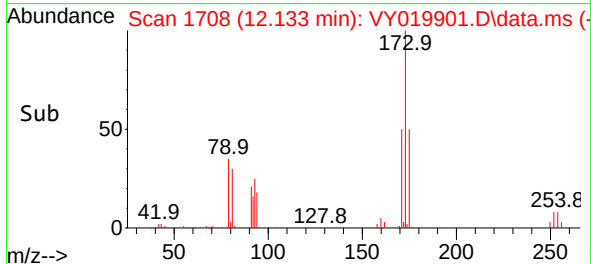
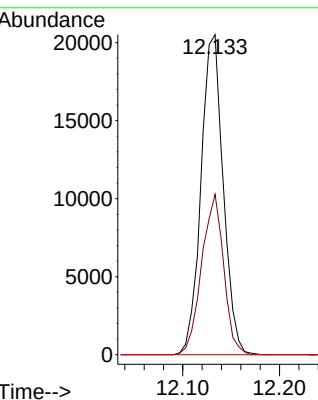
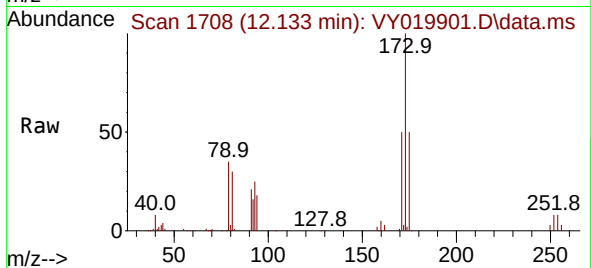
Tgt Ion:173 Resp: 32660

Ion Ratio Lower Upper

173 100

175 49.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

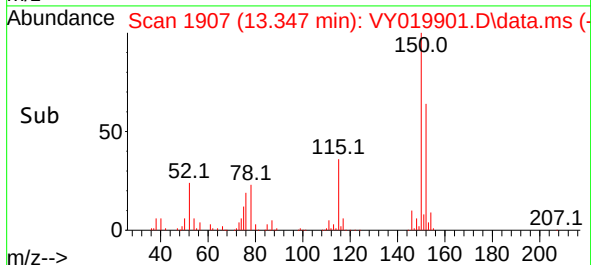
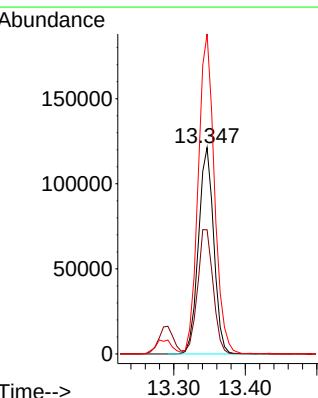
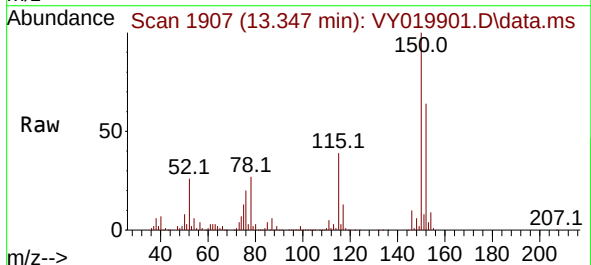
Tgt Ion:152 Resp: 179684

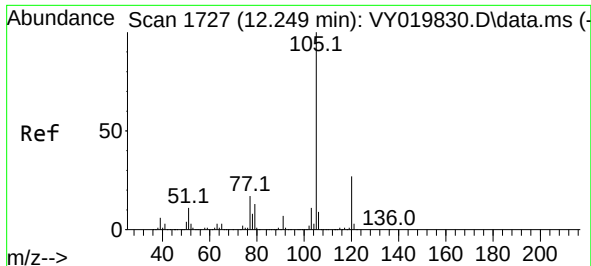
Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 164.2 0.0 345.6

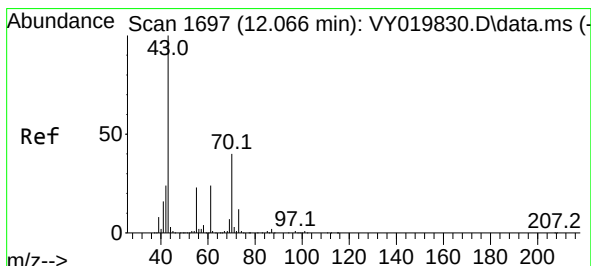
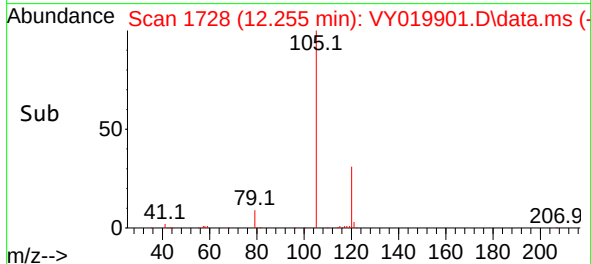
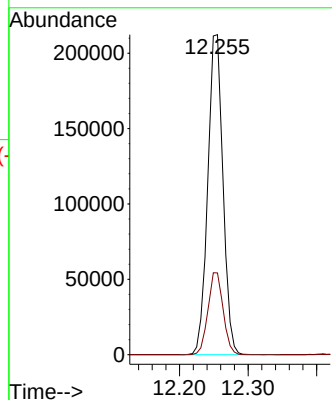
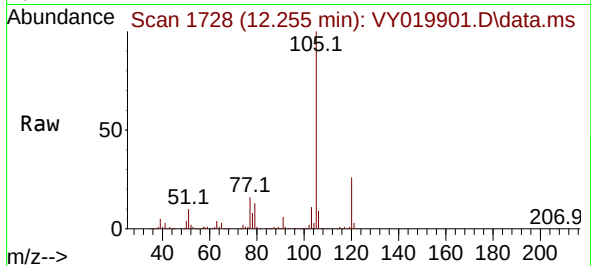




#73
Isopropylbenzene
Concen: 21.672 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

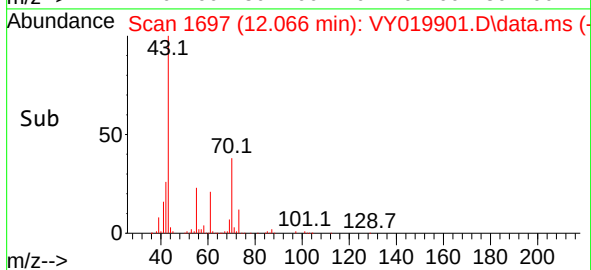
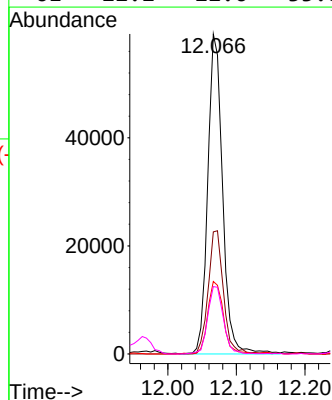
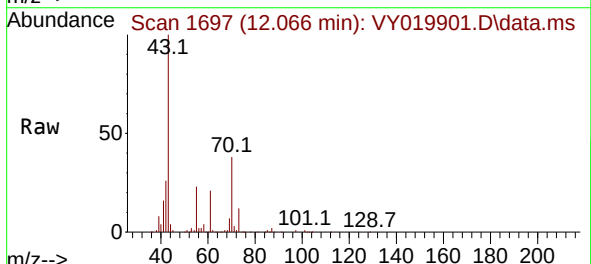
Instrument :
MSVOA_Y
ClientSampleId :

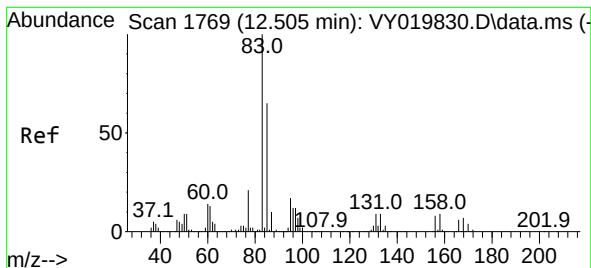
Tgt Ion:105 Resp: 327549
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-ethyl acetate
Concen: 22.320 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 43 Resp: 89346
Ion Ratio Lower Upper
43 100
70 39.8 41.4 62.2#
55 23.7 23.3 34.9
61 22.2 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 22.908 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

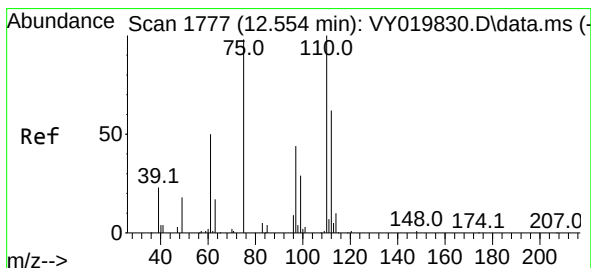
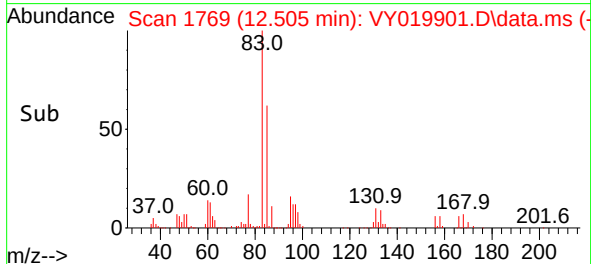
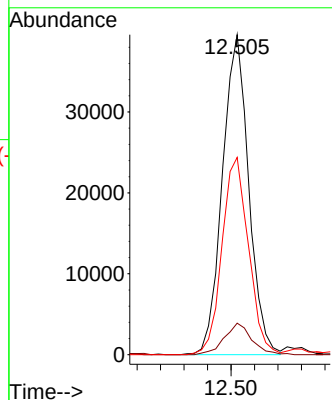
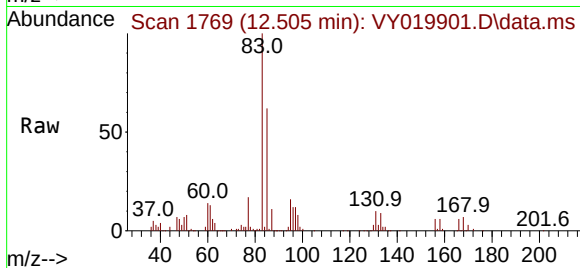
Tgt Ion: 83 Resp: 61520

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 62.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 21.630 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019901.D

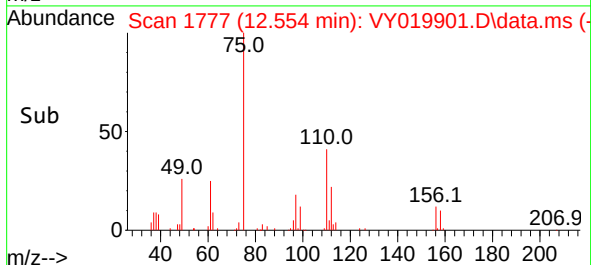
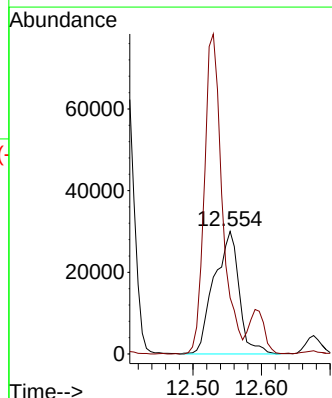
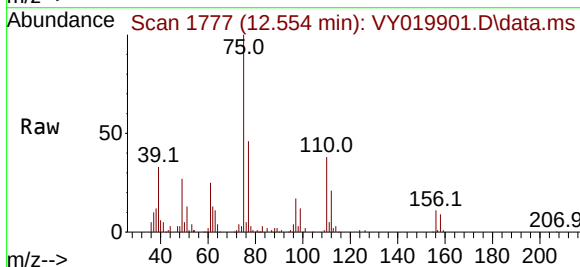
Acq: 15 Oct 2024 14:16

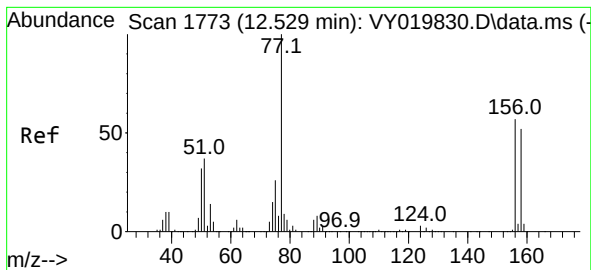
Tgt Ion: 75 Resp: 76138

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.573 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

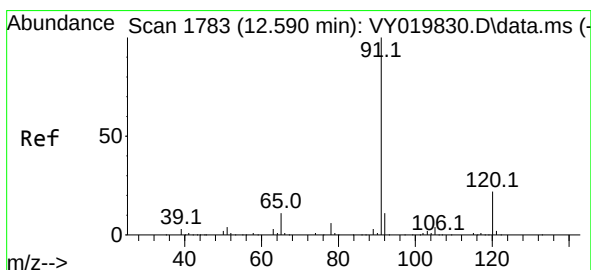
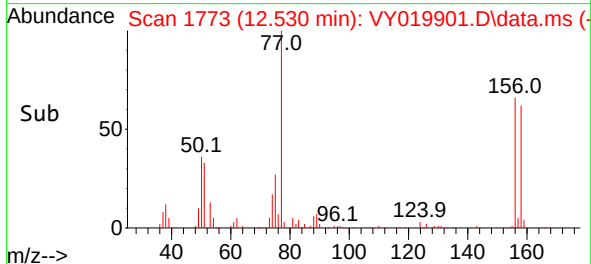
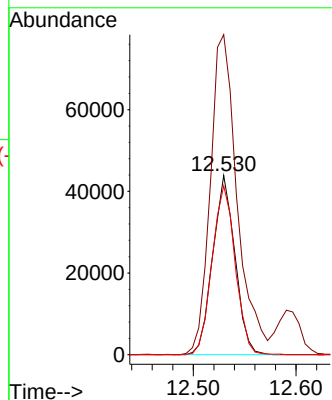
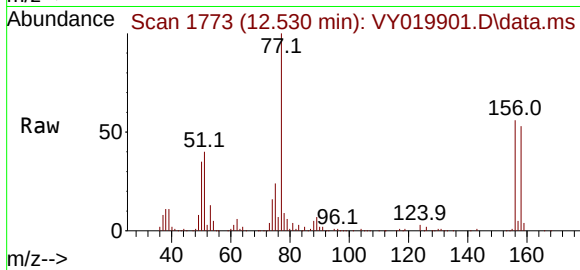
Tgt Ion:156 Resp: 65983

Ion Ratio Lower Upper

156 100

77 215.4 87.1 261.3

158 97.5 48.6 145.9



#78

n-propylbenzene

Concen: 22.455 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019901.D

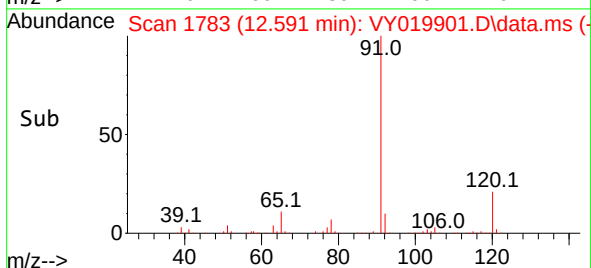
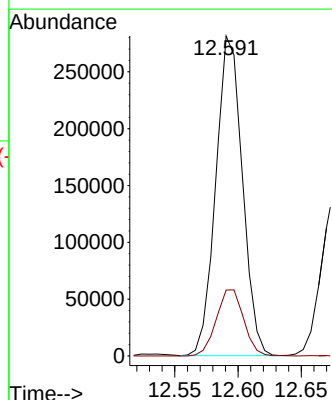
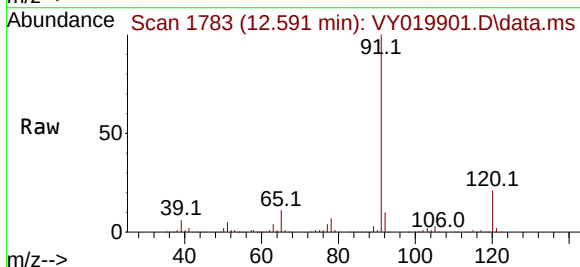
Acq: 15 Oct 2024 14:16

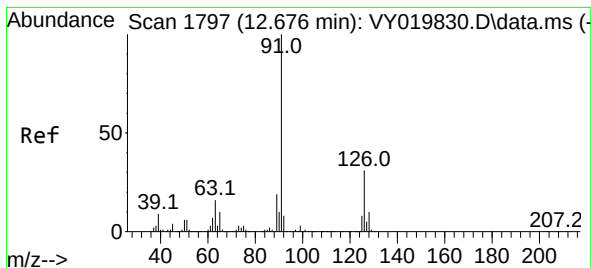
Tgt Ion: 91 Resp: 410088

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.816 ug/l

RT: 12.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

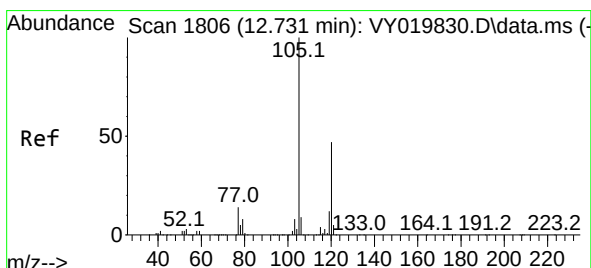
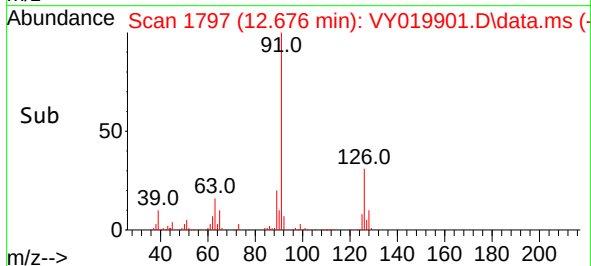
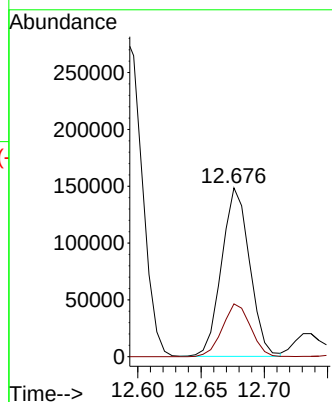
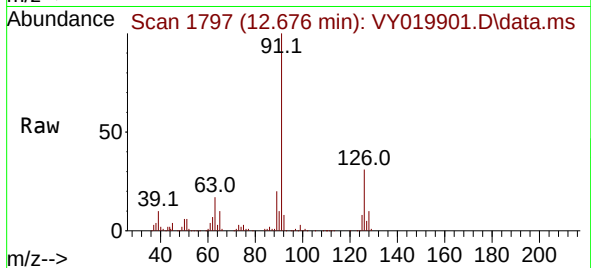
ClientSampleId :

Tgt Ion: 91 Resp: 228405

Ion Ratio Lower Upper

91 100

126 31.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.431 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019901.D

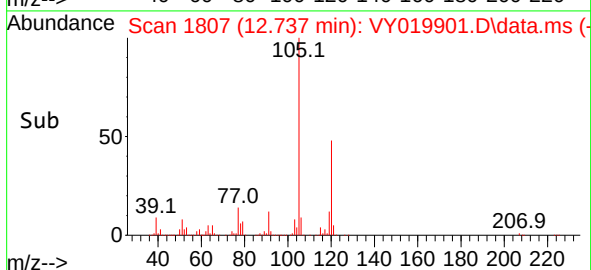
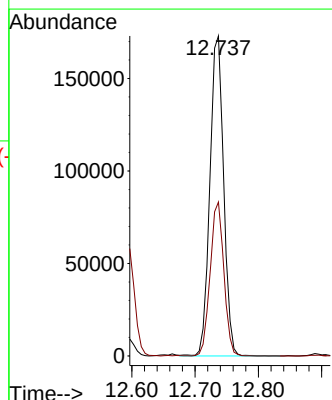
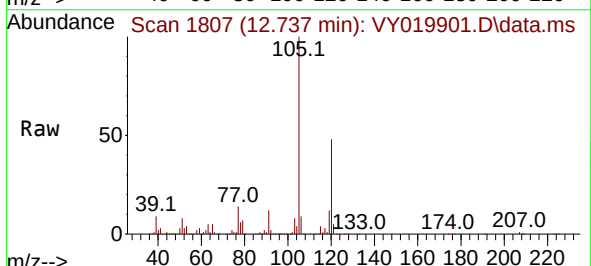
Acq: 15 Oct 2024 14:16

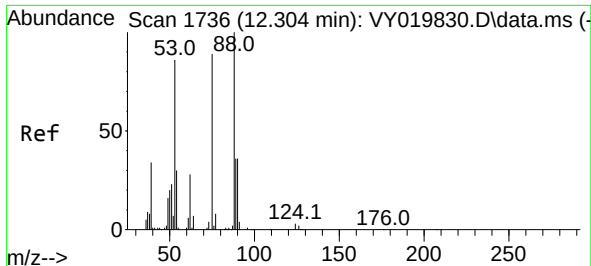
Tgt Ion: 105 Resp: 261587

Ion Ratio Lower Upper

105 100

120 47.9 25.1 75.2

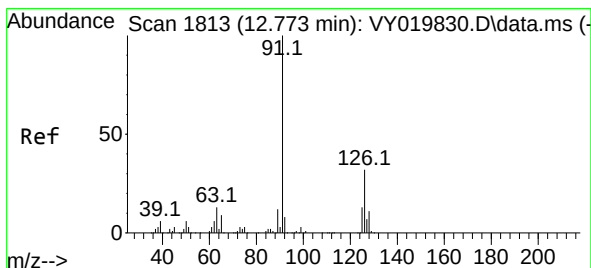
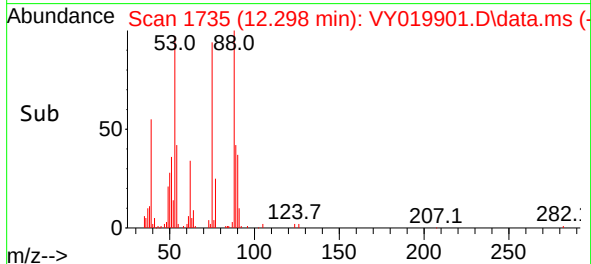
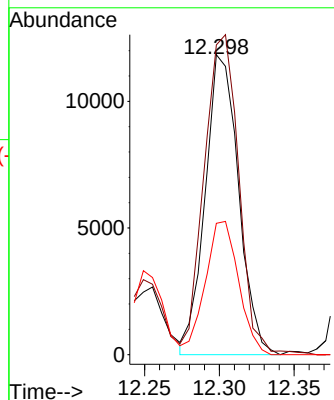
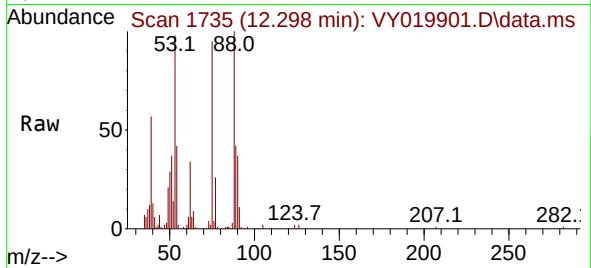




#81
trans-1,4-Dichloro-2-butene
Concen: 21.084 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

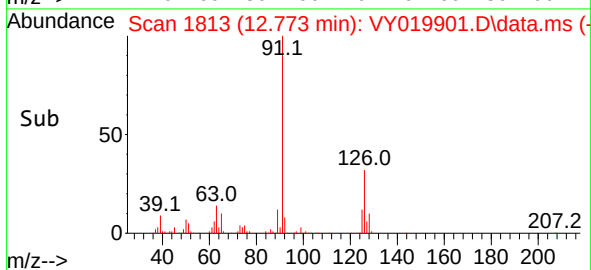
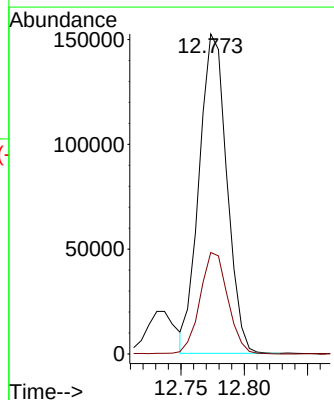
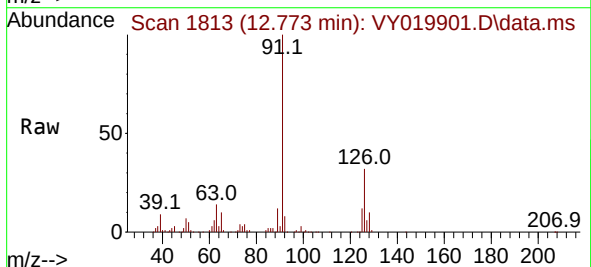
Instrument :
MSVOA_Y
ClientSampleId :

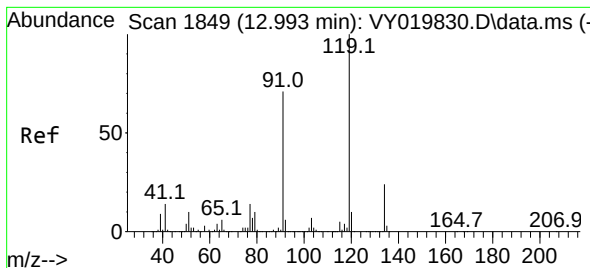
Tgt Ion: 75 Resp: 18387
Ion Ratio Lower Upper
75 100
53 110.3 66.8 100.2#
89 44.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.687 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 91 Resp: 232165
Ion Ratio Lower Upper
91 100
126 32.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.651 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

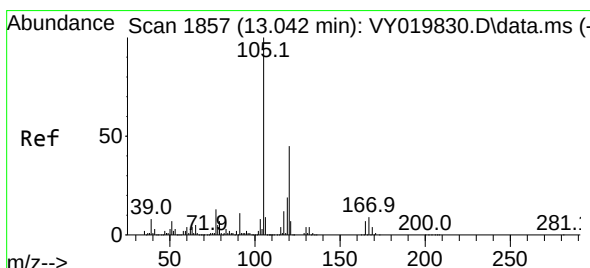
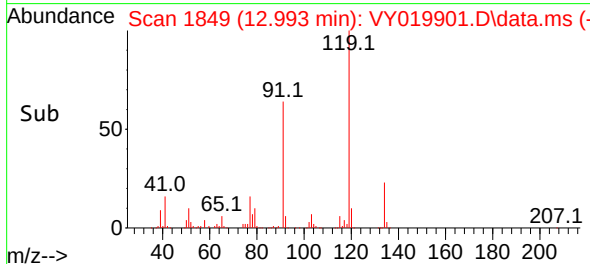
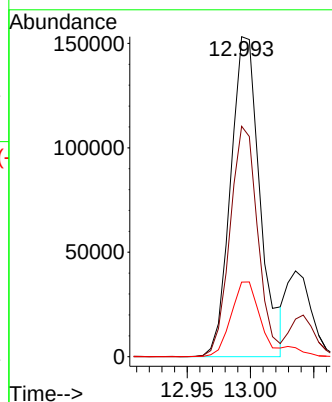
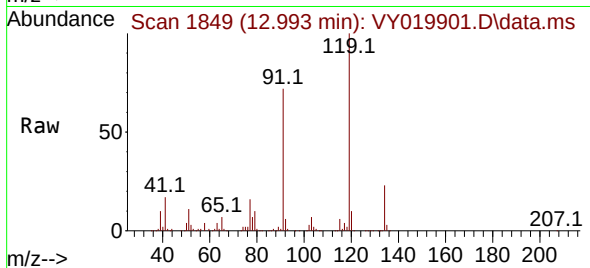
Tgt Ion:119 Resp: 247680

Ion Ratio Lower Upper

119 100

91 68.2 31.3 93.8

134 25.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.603 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019901.D

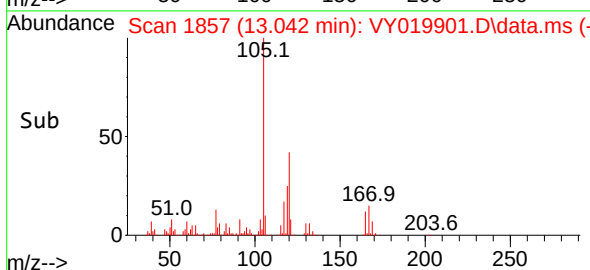
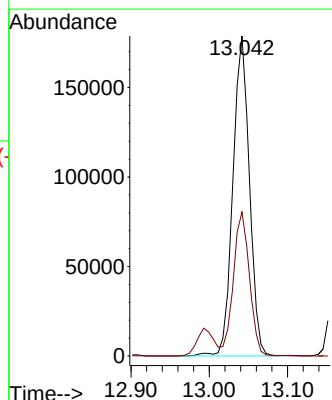
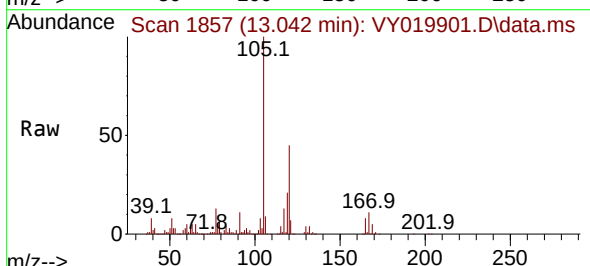
Acq: 15 Oct 2024 14:16

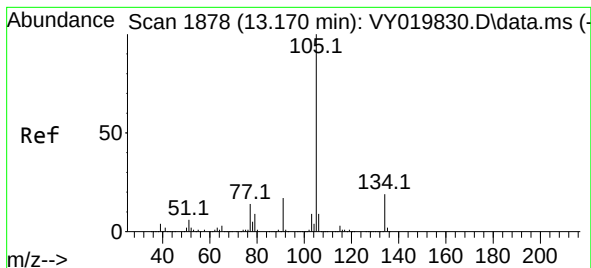
Tgt Ion:105 Resp: 261425

Ion Ratio Lower Upper

105 100

120 44.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.799 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

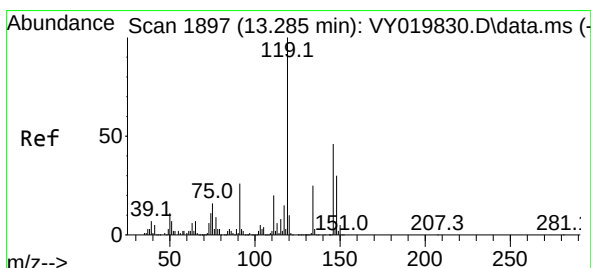
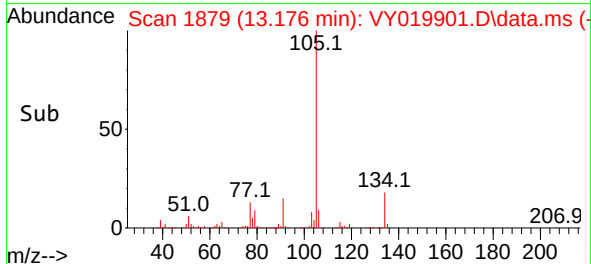
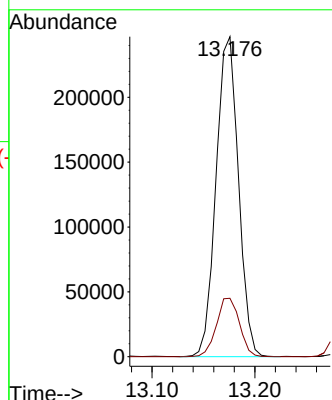
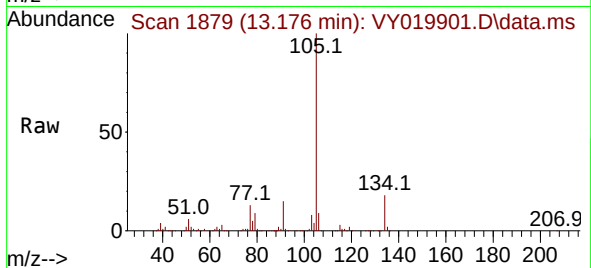
ClientSampleId :

Tgt Ion:105 Resp: 372475

Ion Ratio Lower Upper

105 100

134 18.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.043 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

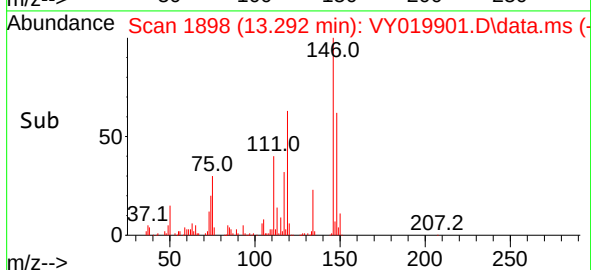
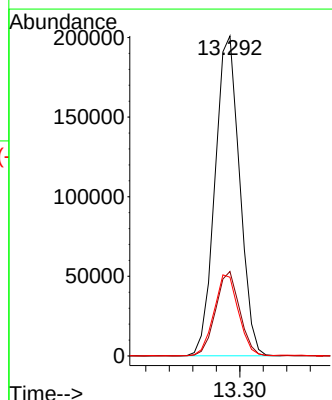
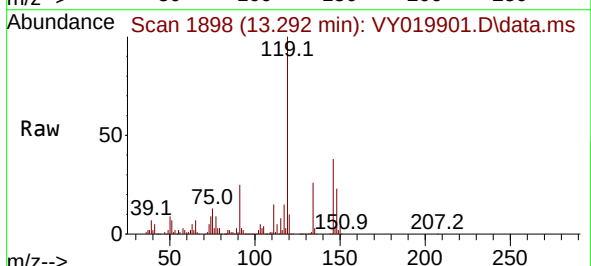
Tgt Ion:119 Resp: 292420

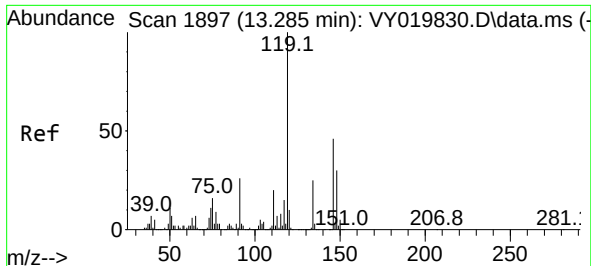
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 25.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.609 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

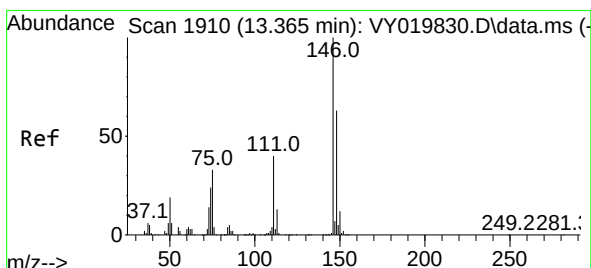
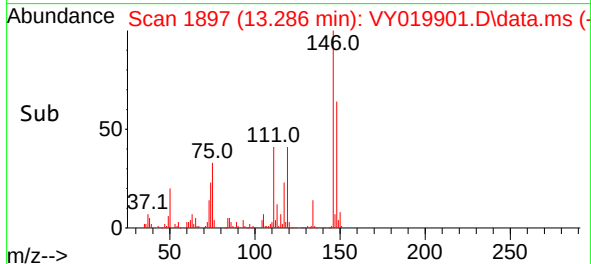
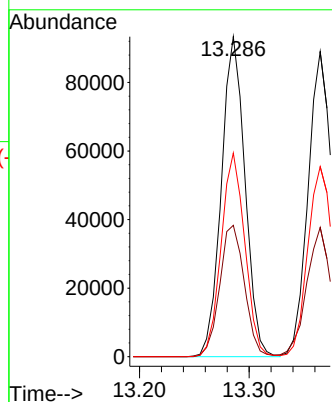
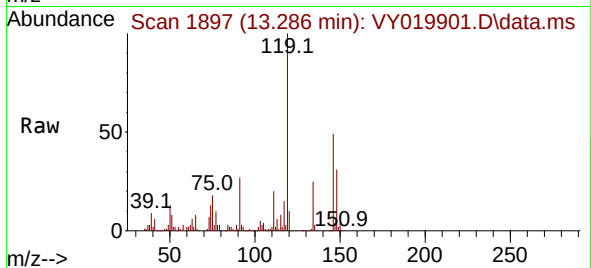
Tgt Ion:146 Resp: 139957

Ion Ratio Lower Upper

146 100

111 42.9 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.499 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

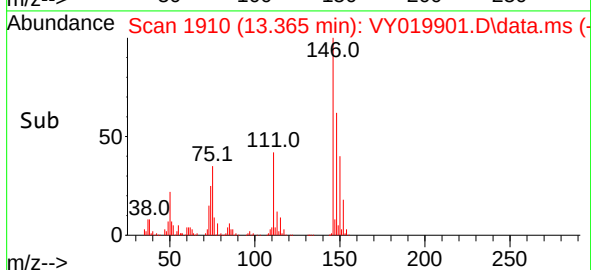
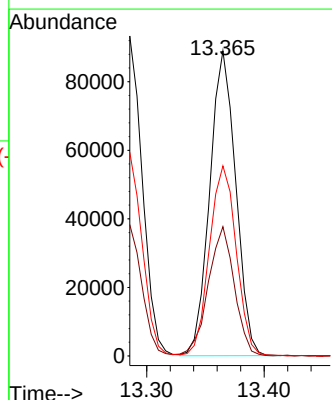
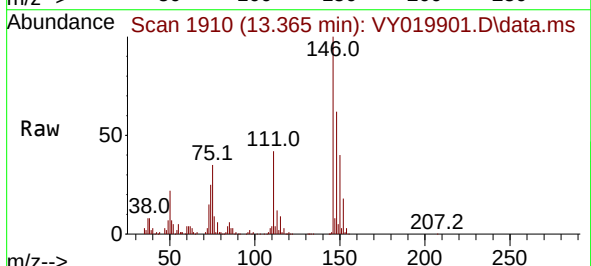
Tgt Ion:146 Resp: 136793

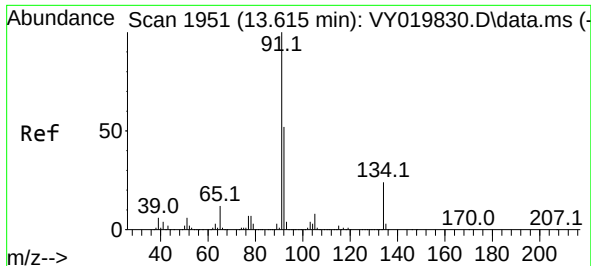
Ion Ratio Lower Upper

146 100

111 42.5 18.4 55.4

148 64.4 32.4 97.2

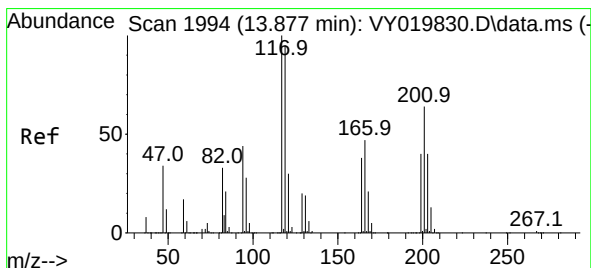
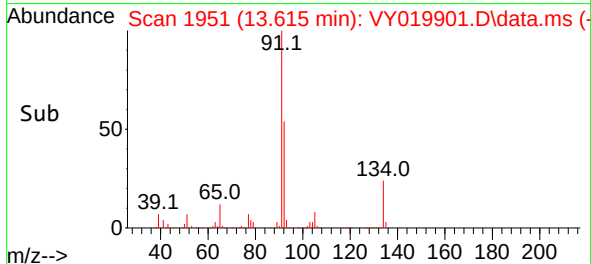
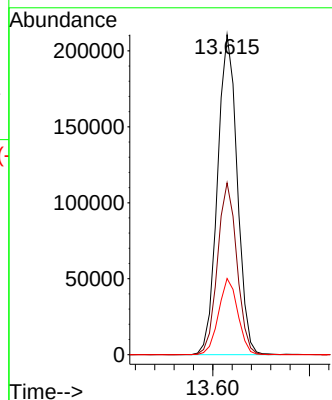
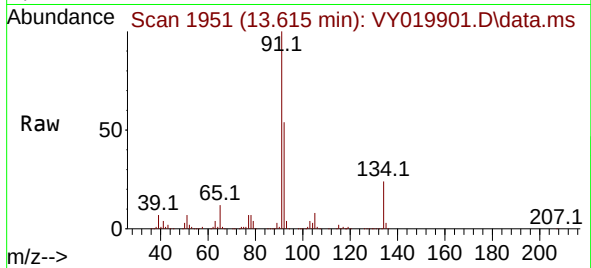




#89
n-Butylbenzene
Concen: 22.981 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

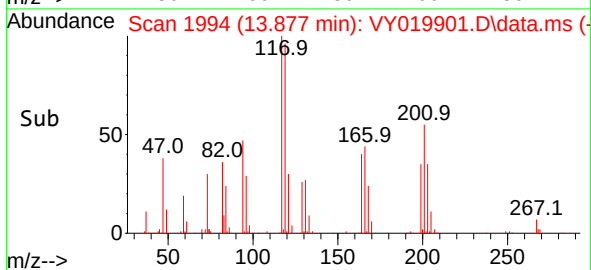
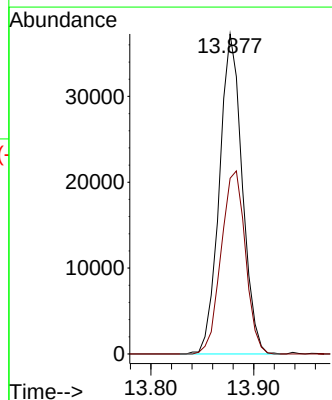
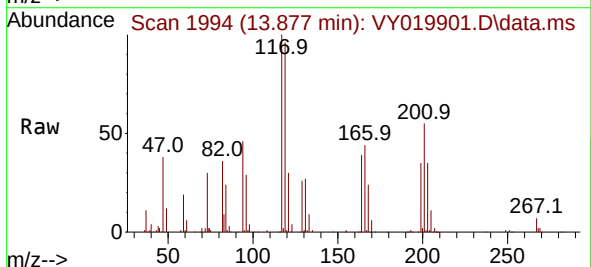
Instrument :
MSVOA_Y
ClientSampleId :

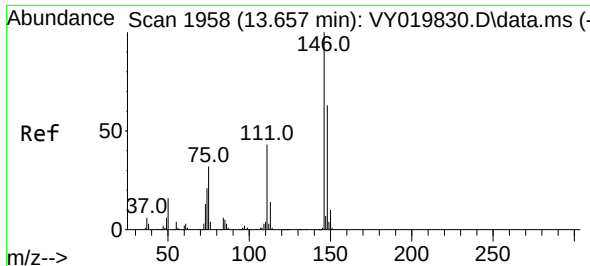
Tgt Ion: 91 Resp: 297691
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.7
134 23.3 12.9 38.7



#90
Hexachloroethane
Concen: 22.242 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

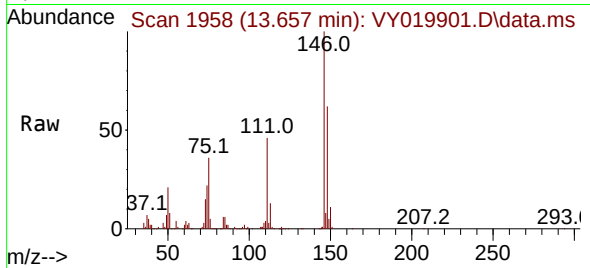
Tgt Ion: 117 Resp: 57455
Ion Ratio Lower Upper
117 100
201 60.8 37.4 112.2



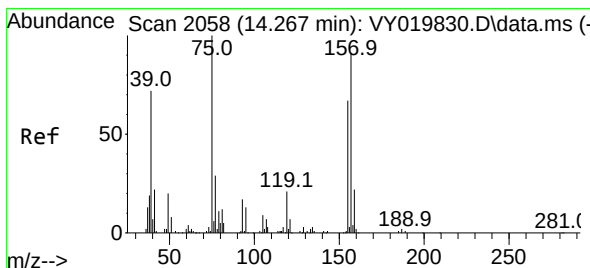
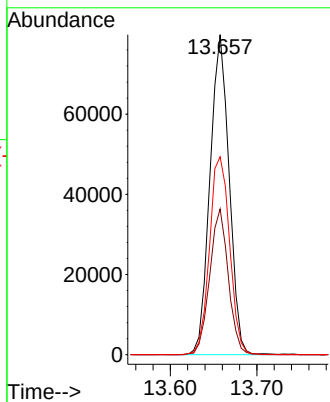
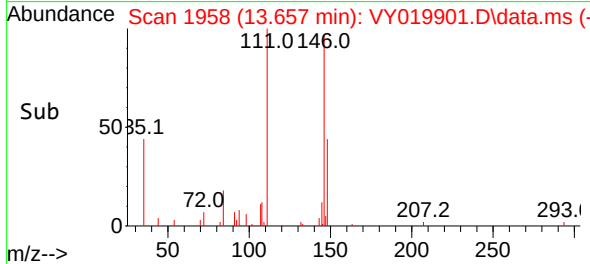


#91
1,2-Dichlorobenzene
Concen: 21.515 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

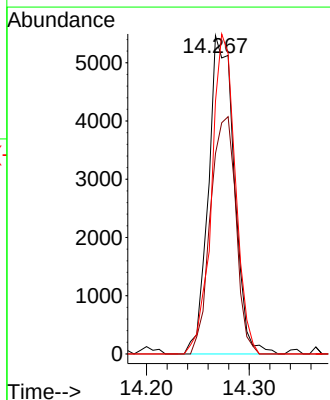
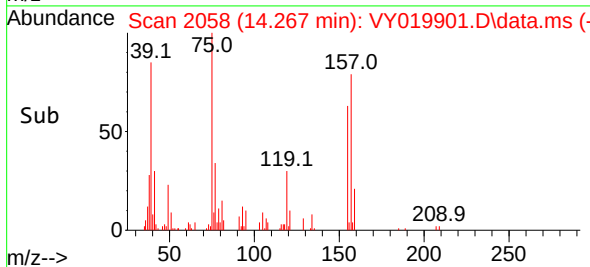
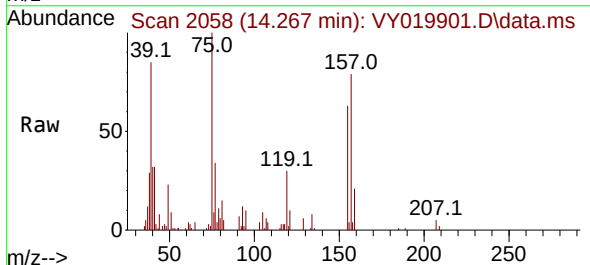


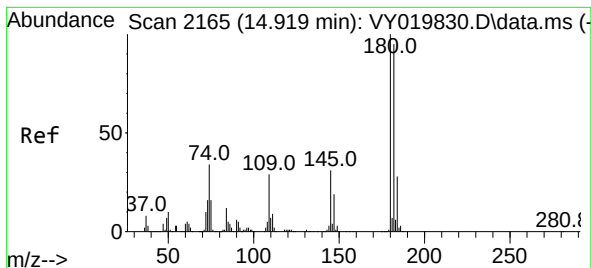
Tgt Ion:146 Resp: 122443
Ion Ratio Lower Upper
146 100
111 44.4 19.9 59.7
148 65.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.102 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY019901.D
Acq: 15 Oct 2024 14:16

Tgt Ion: 75 Resp: 9473
Ion Ratio Lower Upper
75 100
155 73.9 48.6 145.8
157 92.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.727 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

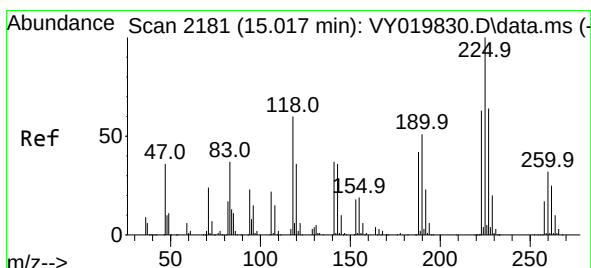
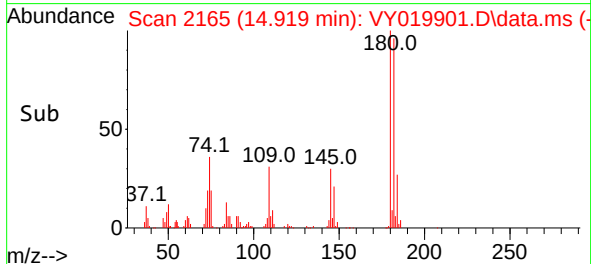
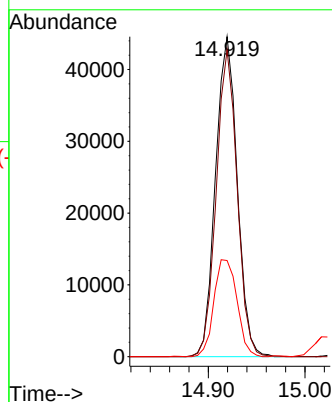
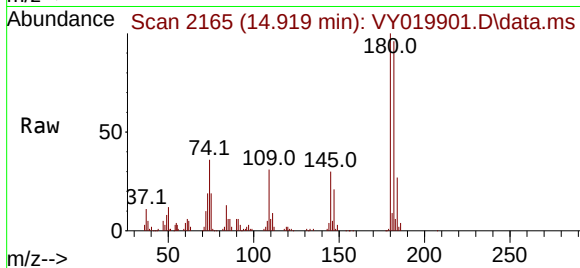
Tgt Ion:180 Resp: 69332

Ion Ratio Lower Upper

180 100

182 92.5 47.9 143.8

145 32.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.920 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

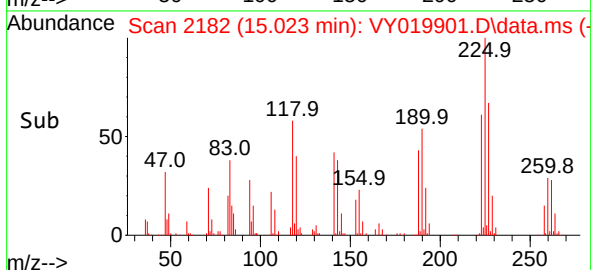
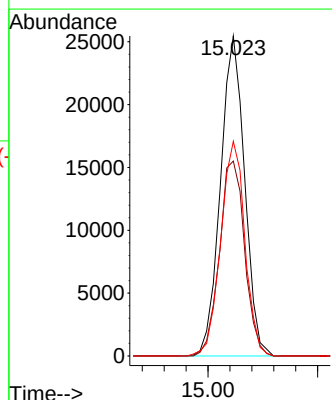
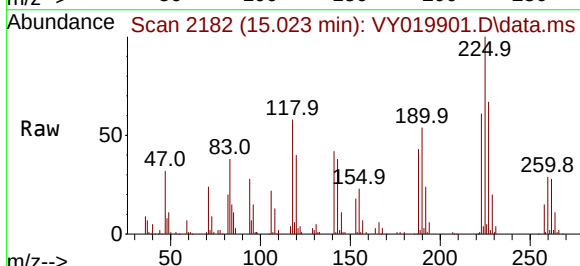
Tgt Ion:225 Resp: 38889

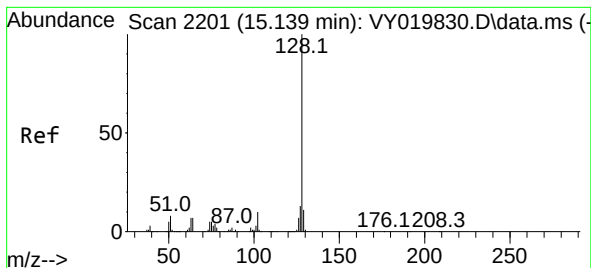
Ion Ratio Lower Upper

225 100

223 63.6 30.4 91.2

227 67.1 31.9 95.9





#95

Naphthalene

Concen: 21.912 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

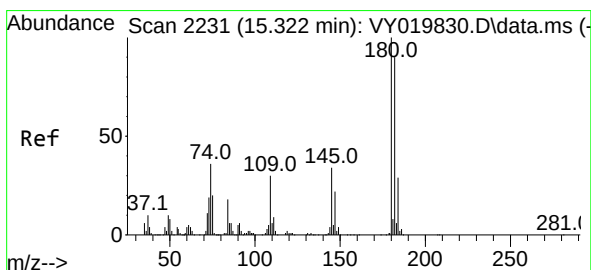
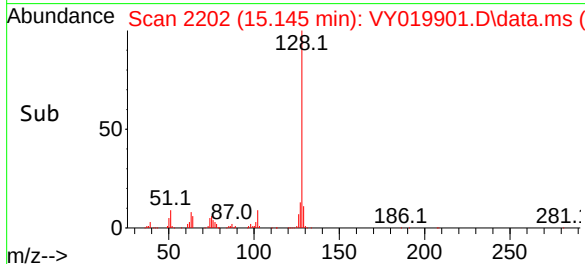
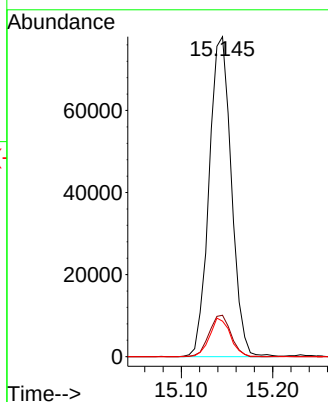
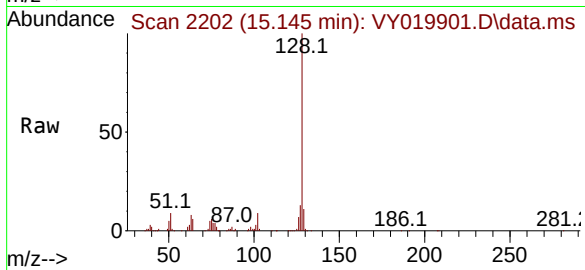
Tgt Ion:128 Resp: 131878

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.809 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019901.D

Acq: 15 Oct 2024 14:16

Tgt Ion:180 Resp: 58830

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 34.1 15.4 46.1

