

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019896.D
 Acq On : 15 Oct 2024 10:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 16 02:44:26 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	299503	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	518770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	437565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	208063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	185362	50.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.520%	
35) Dibromofluoromethane	7.640	113	178903	52.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.520%	
50) Toluene-d8	10.109	98	647176	51.193	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.408	95	234921	51.429	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	146348	52.490	ug/l	99
3) Chloromethane	2.080	50	189832	52.312	ug/l	99
4) Vinyl Chloride	2.214	62	219479	54.962	ug/l	100
5) Bromomethane	2.604	94	132557	52.444	ug/l	97
6) Chloroethane	2.745	64	148859	55.489	ug/l	97
7) Trichlorofluoromethane	3.068	101	331298	55.756	ug/l	96
8) Diethyl Ether	3.464	74	97907	54.216	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.830	101	195759	56.640	ug/l	91
10) Methyl Iodide	4.019	142	187469	53.631	ug/l	93
11) Tert butyl alcohol	4.866	59	67818	196.299	ug/l	# 90
12) 1,1-Dichloroethene	3.805	96	173537	54.010	ug/l	# 81
13) Acrolein	3.659	56	44998	166.059	ug/l	99
14) Allyl chloride	4.397	41	330865	57.072	ug/l	# 90
15) Acrylonitrile	5.067	53	226544	274.268	ug/l	98
16) Acetone	3.879	43	274678	286.127	ug/l	# 81
17) Carbon Disulfide	4.116	76	416718	48.387	ug/l	99
18) Methyl Acetate	4.391	43	113994	55.124	ug/l	# 88
19) Methyl tert-butyl Ether	5.128	73	502031	54.386	ug/l	99
20) Methylene Chloride	4.628	84	195723	55.263	ug/l	# 83
21) trans-1,2-Dichloroethene	5.122	96	190286	54.414	ug/l	87
22) Diisopropyl ether	6.031	45	743765	58.899	ug/l	92
23) Vinyl Acetate	5.970	43	2033006	280.832	ug/l	# 92
24) 1,1-Dichloroethane	5.921	63	405779	57.808	ug/l	96
25) 2-Butanone	6.902	43	343854	267.597	ug/l	# 87
26) 2,2-Dichloropropane	6.896	77	363043	58.074	ug/l	95
27) cis-1,2-Dichloroethene	6.902	96	243822	56.419	ug/l	83
28) Bromochloromethane	7.250	49	155992	50.489	ug/l	# 74
29) Tetrahydrofuran	7.268	42	189206	257.883	ug/l	# 83
30) Chloroform	7.427	83	417017	58.279	ug/l	99
31) Cyclohexane	7.707	56	324586	52.677	ug/l	88
32) 1,1,1-Trichloroethane	7.628	97	371978	59.319	ug/l	95
36) 1,1-Dichloropropene	7.847	75	284352	57.656	ug/l	94
37) Ethyl Acetate	6.994	43	141602	55.062	ug/l	# 95
38) Carbon Tetrachloride	7.829	117	309348	58.510	ug/l	99
39) Methylcyclohexane	9.115	83	347201	55.872	ug/l	# 89
40) Benzene	8.085	78	853375	57.174	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	71280	51.212	ug/l	90
42) 1,2-Dichloroethane	8.164	62	243589	56.806	ug/l	93
43) Isopropyl Acetate	8.201	43	283393	54.034	ug/l #	88
44) Trichloroethene	8.872	130	204652	56.611	ug/l	94
45) 1,2-Dichloropropane	9.146	63	217663	58.263	ug/l	98
46) Dibromomethane	9.237	93	110927	54.346	ug/l	91
47) Bromodichloromethane	9.426	83	315055	58.152	ug/l	98
48) Methyl methacrylate	9.225	41	129143	55.978	ug/l #	81
49) 1,4-Dioxane	9.231	88	22659	991.864	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	733668	274.256	ug/l	89
52) Toluene	10.176	92	537489	57.690	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	273216	56.048	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	327291	56.901	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	150352	55.910	ug/l	95
56) Ethyl methacrylate	10.445	69	218209	56.549	ug/l #	76
57) 1,3-Dichloropropane	10.719	76	260476	55.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	457778	254.837	ug/l	93
59) 2-Hexanone	10.762	43	525572	275.074	ug/l	87
60) Dibromochloromethane	10.914	129	194666	56.398	ug/l	99
61) 1,2-Dibromoethane	11.018	107	129729	53.384	ug/l	100
64) Tetrachloroethene	10.652	164	169002	54.301	ug/l	93
65) Chlorobenzene	11.444	112	579464	57.899	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	199524	58.924	ug/l	98
67) Ethyl Benzene	11.524	91	1080071	59.409	ug/l	100
68) m/p-Xylenes	11.633	106	791673	117.908	ug/l	91
69) o-Xylene	11.956	106	378387	58.654	ug/l	92
70) Styrene	11.975	104	639727	58.776	ug/l	96
71) Bromoform	12.133	173	101385	55.931	ug/l #	97
73) Isopropylbenzene	12.255	105	1049048	59.943	ug/l	98
74) N-amyl acetate	12.072	43	254600	54.927	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	174968	56.265	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	222445	54.575	ug/l #	100
77) Bromobenzene	12.536	156	209516	56.416	ug/l	85
78) n-propylbenzene	12.597	91	1276406	60.360	ug/l	97
79) 2-Chlorotoluene	12.682	91	710975	58.645	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	829612	58.698	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	54808	54.276	ug/l #	81
82) 4-Chlorotoluene	12.779	91	723107	58.334	ug/l	95
83) tert-Butylbenzene	12.999	119	754714	59.607	ug/l	93
84) 1,2,4-Trimethylbenzene	13.048	105	830649	59.279	ug/l	96
85) sec-Butylbenzene	13.176	105	1147892	60.680	ug/l	98
86) p-Isopropyltoluene	13.292	119	913626	59.476	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	428573	57.145	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	416563	56.538	ug/l	97
89) n-Butylbenzene	13.621	91	922015	61.470	ug/l	98
90) Hexachloroethane	13.883	117	177081	59.202	ug/l	88
91) 1,2-Dichlorobenzene	13.663	146	369898	56.132	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	26274	52.941	ug/l	73
93) 1,2,4-Trichlorobenzene	14.925	180	203546	55.086	ug/l	96
94) Hexachlorobutadiene	15.029	225	113834	55.412	ug/l	99
95) Naphthalene	15.145	128	377510	54.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	163833	52.451	ug/l	97

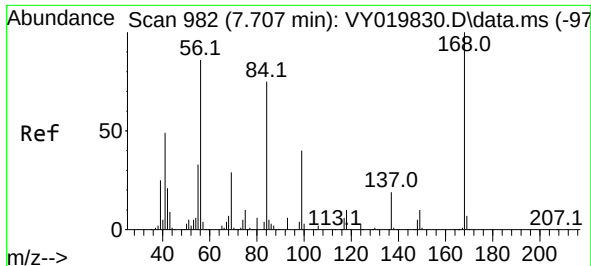
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Response via : Initial Calibration

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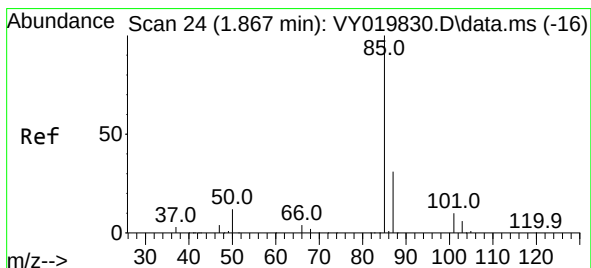
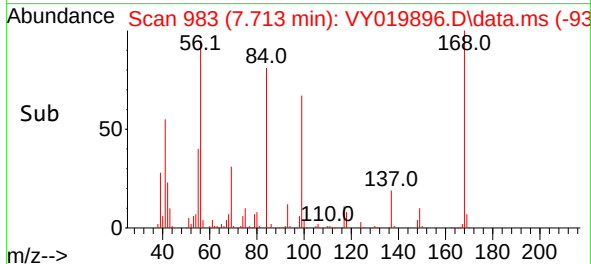
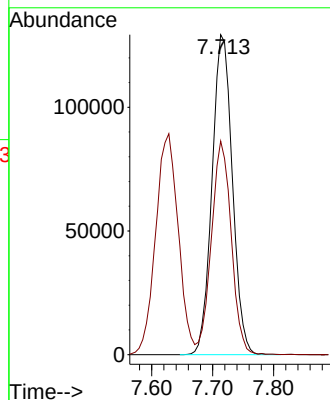
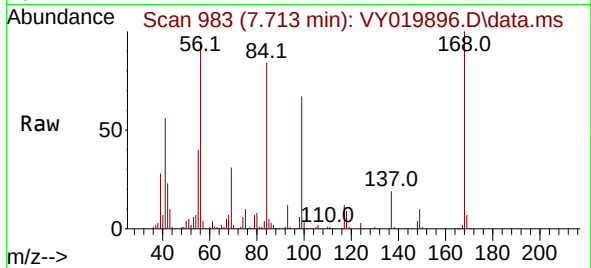
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

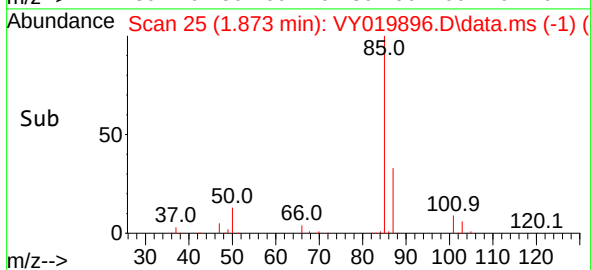
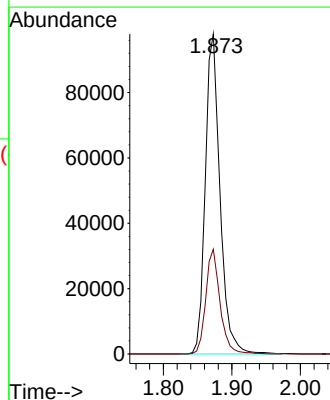
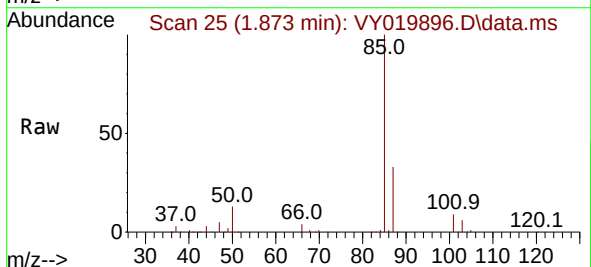
Instrument :
MSVOA_Y
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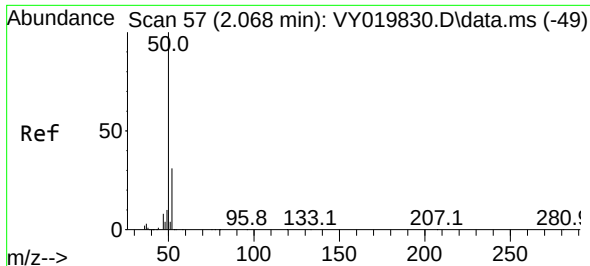
Tgt Ion:168 Resp: 299503
Ion Ratio Lower Upper
168 100
99 66.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 52.490 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 85 Resp: 146348
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

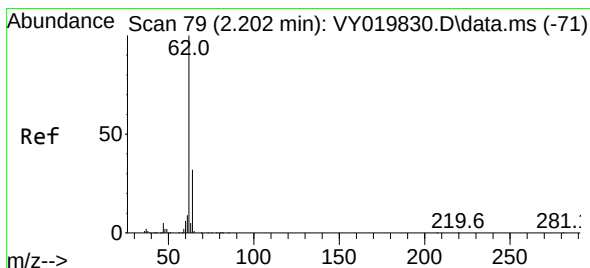
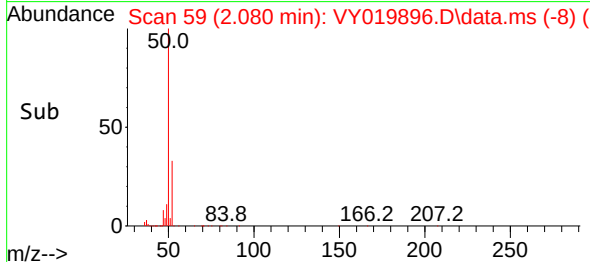
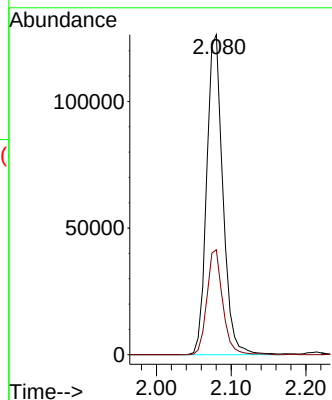
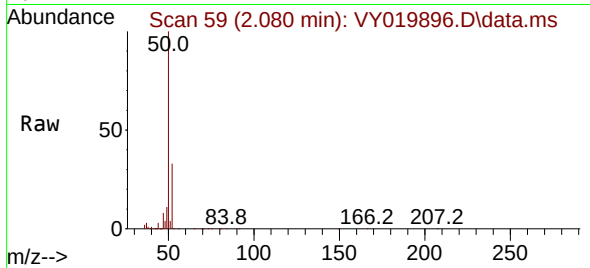




#3
Chloromethane
Concen: 52.312 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

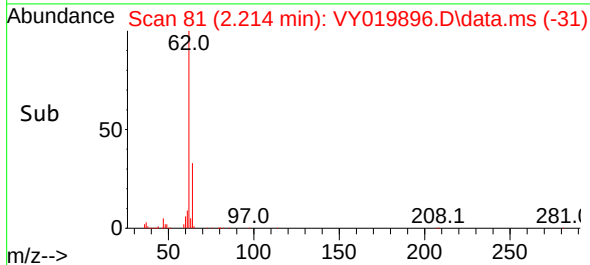
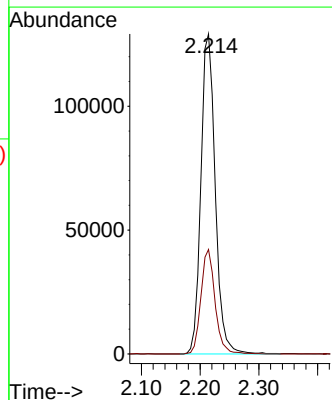
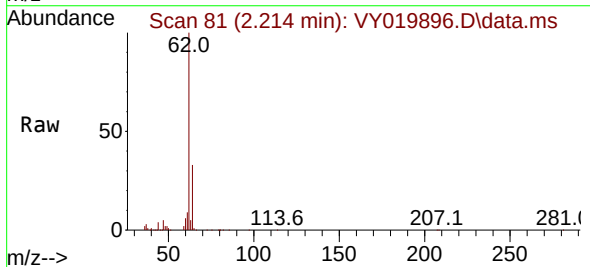
Instrument :
MSVOA_Y
ClientSampleId :

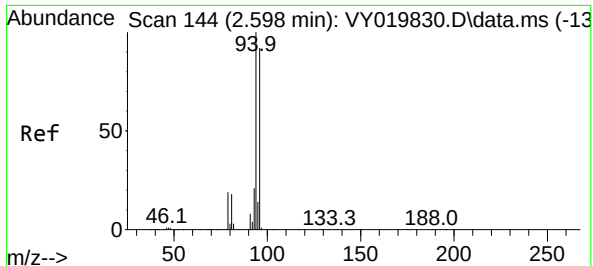
Tgt Ion: 50 Resp: 189832
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 54.962 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 62 Resp: 219479
Ion Ratio Lower Upper
62 100
64 32.7 26.1 39.1





#5

Bromomethane

Concen: 52.444 ug/l

RT: 2.604 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

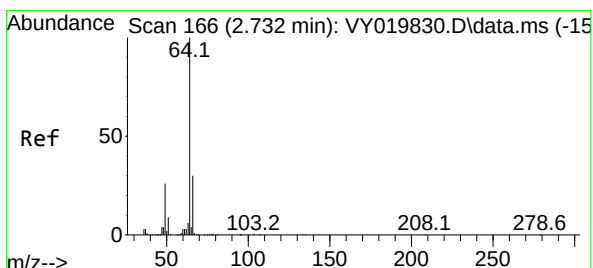
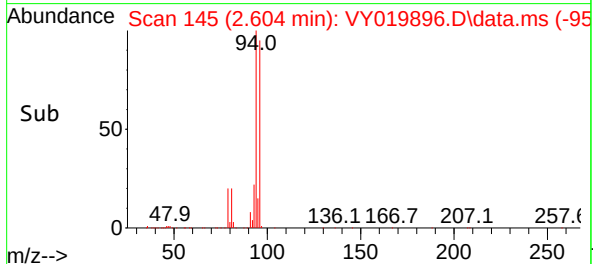
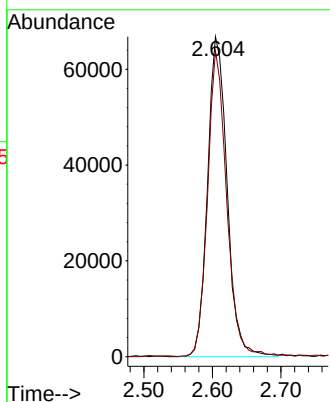
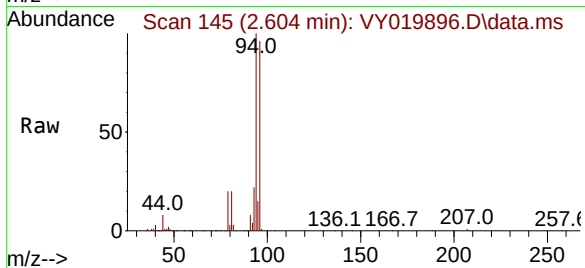
ClientSampleId :

Tgt Ion: 94 Resp: 132557

Ion Ratio Lower Upper

94 100

96 95.5 74.1 111.1



#6

Chloroethane

Concen: 55.489 ug/l

RT: 2.745 min Scan# 168

Delta R.T. 0.006 min

Lab File: VY019896.D

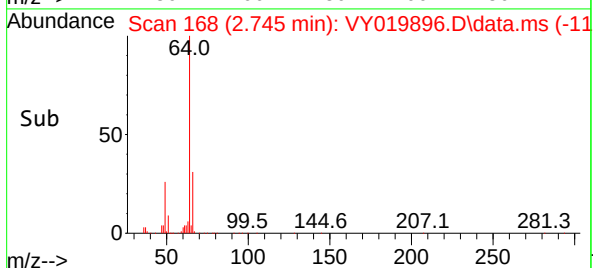
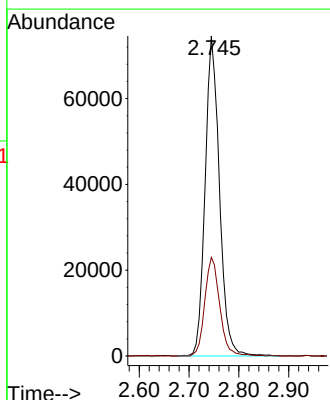
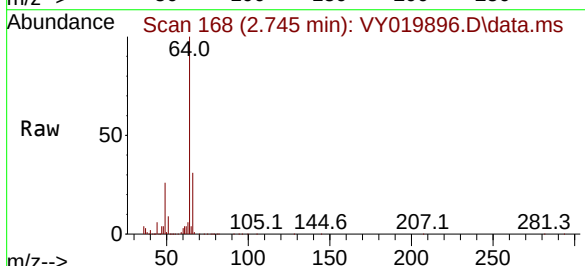
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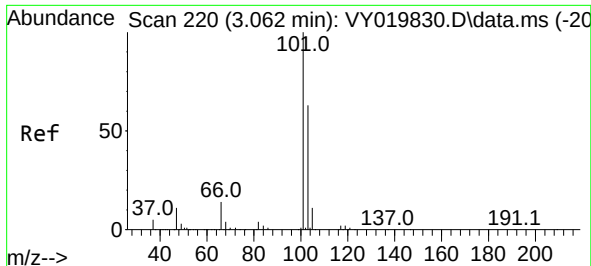
Tgt Ion: 64 Resp: 148859

Ion Ratio Lower Upper

64 100

66 30.8 26.1 39.1

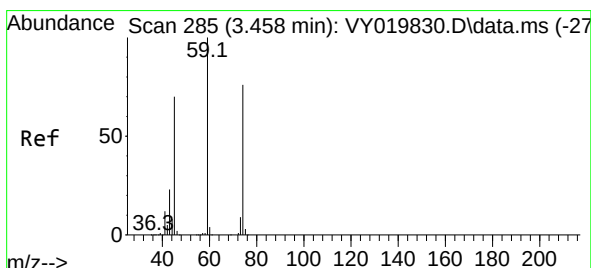
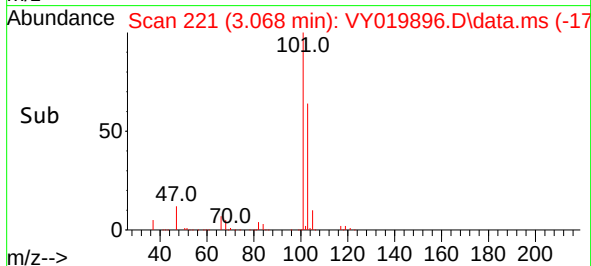
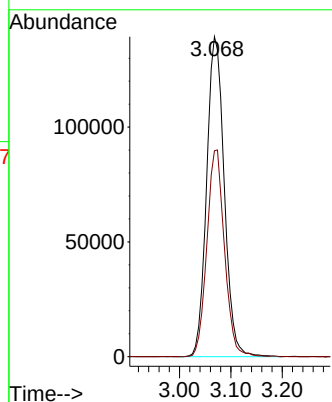
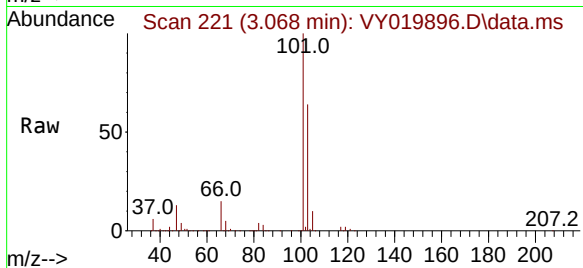




#7
 Trichlorofluoromethane
 Concen: 55.756 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY019896.D
 Acq: 15 Oct 2024 10:44

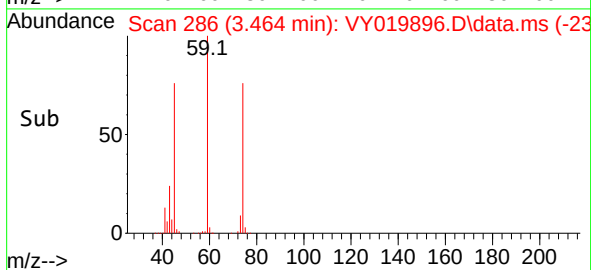
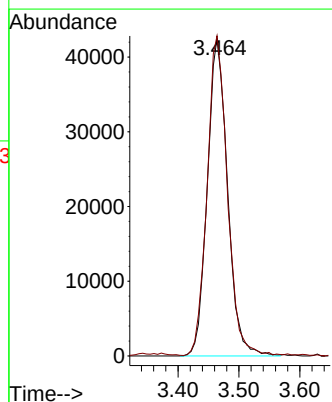
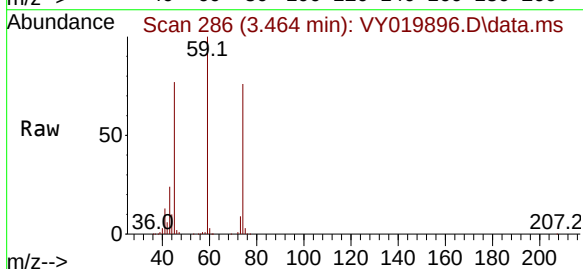
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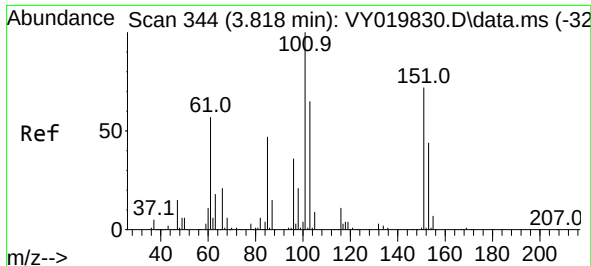
Tgt Ion:101 Resp: 331298
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 54.216 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY019896.D
 Acq: 15 Oct 2024 10:44

Tgt Ion: 74 Resp: 97907
 Ion Ratio Lower Upper
 74 100
 45 101.0 41.3 124.1

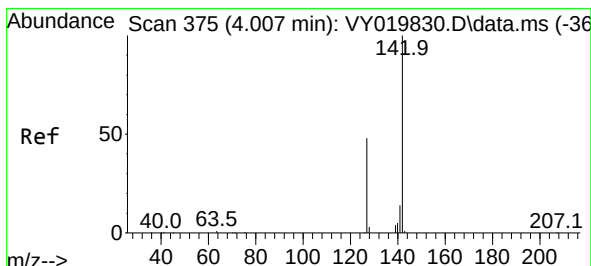
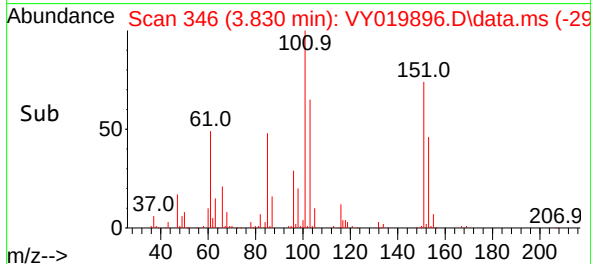
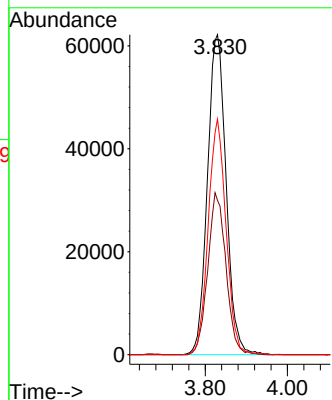
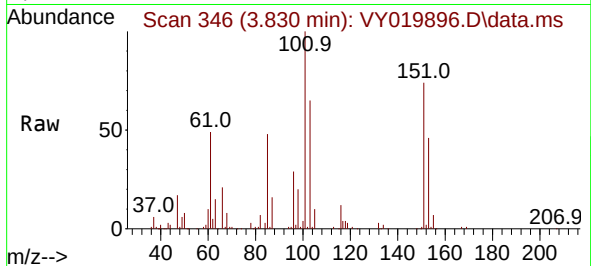




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.640 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.019 min
Lab File: VY019896.D
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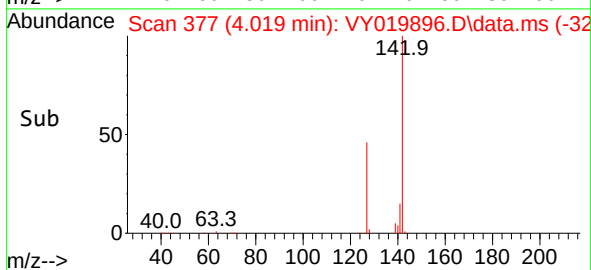
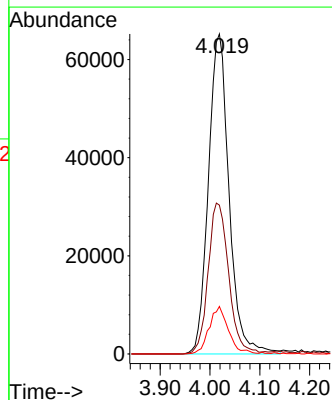
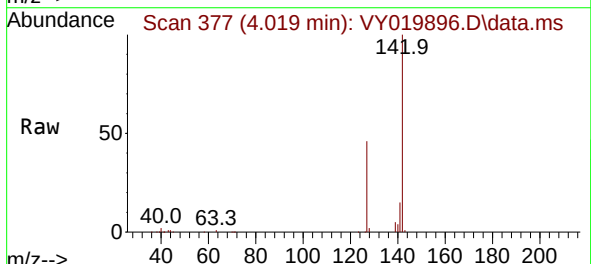
Instrument :
MSVOA_Y
ClientSampleId :

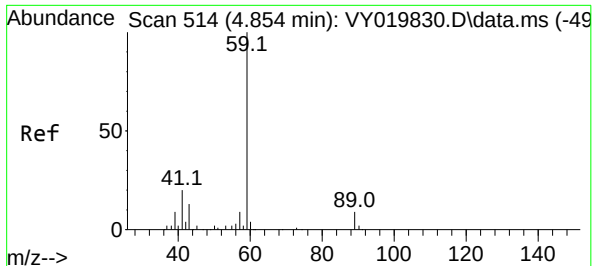
Tgt Ion:101 Resp: 195759
Ion Ratio Lower Upper
101 100
85 49.5 34.5 51.7
151 70.4 61.7 92.5



#10
Methyl Iodide
Concen: 53.631 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion:142 Resp: 187469
Ion Ratio Lower Upper
142 100
127 46.9 32.8 49.2
141 13.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 196.299 ug/l

RT: 4.866 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

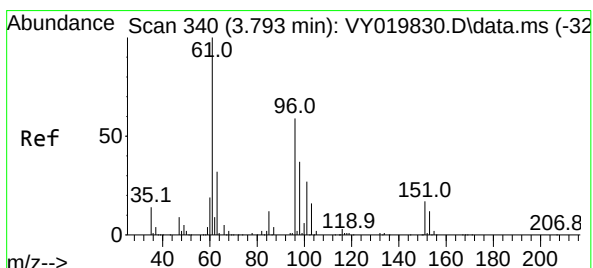
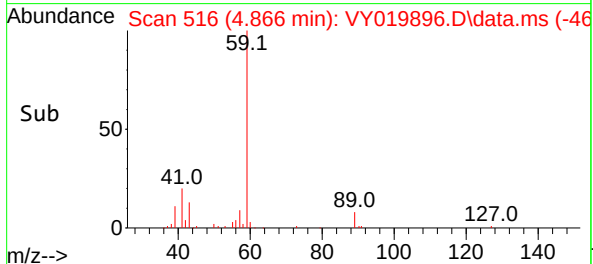
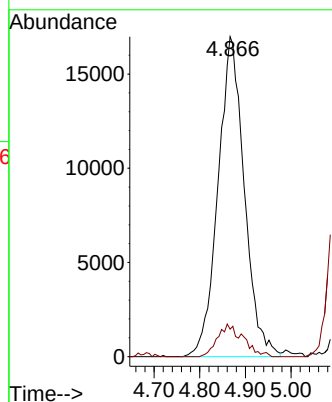
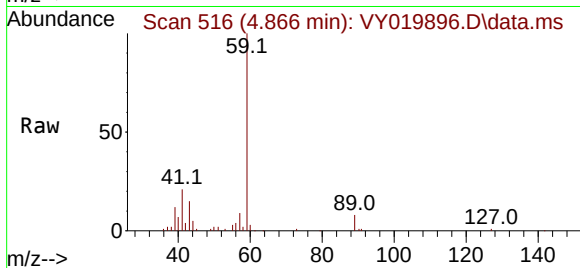
ClientSampleId :

Tgt Ion: 59 Resp: 67818

Ion Ratio Lower Upper

59 100

57 7.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 54.010 ug/l

RT: 3.805 min Scan# 342

Delta R.T. 0.019 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

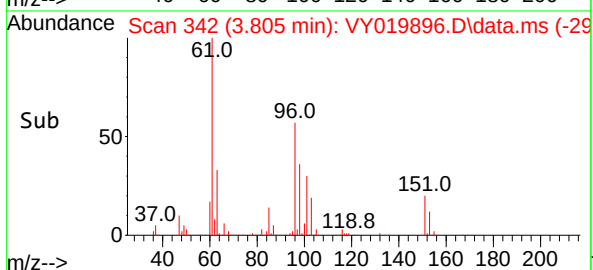
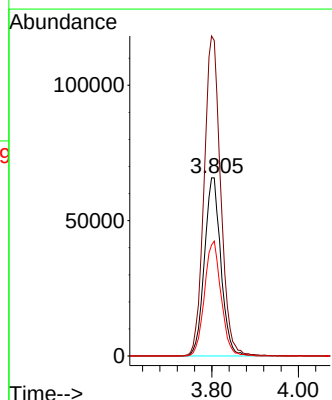
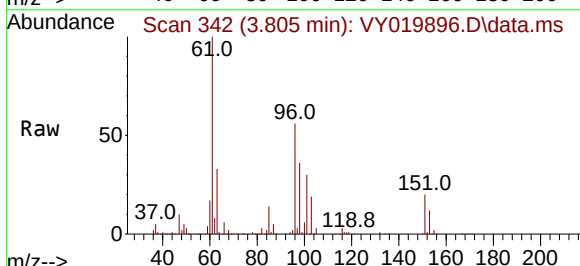
Tgt Ion: 96 Resp: 173537

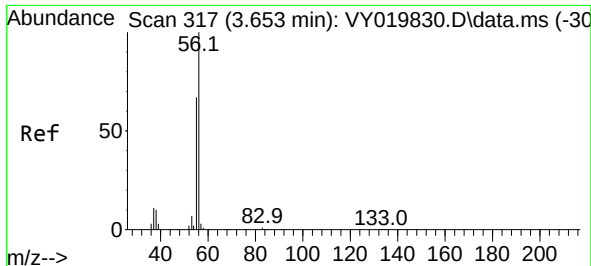
Ion Ratio Lower Upper

96 100

61 177.0 114.6 171.8#

98 64.5 50.8 76.2





#13

Acrolein

Concen: 166.059 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

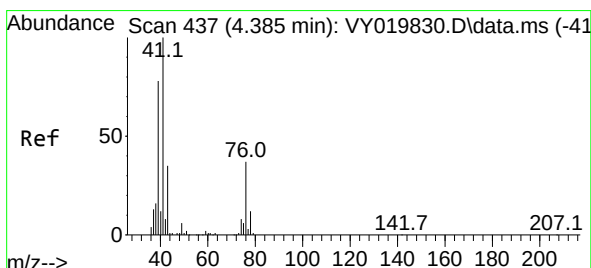
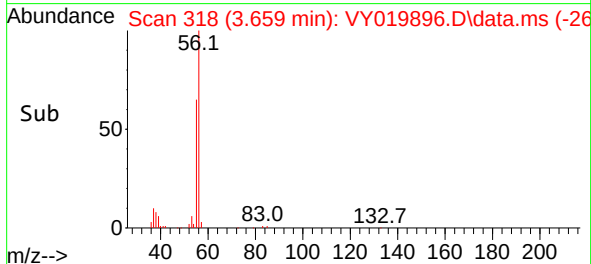
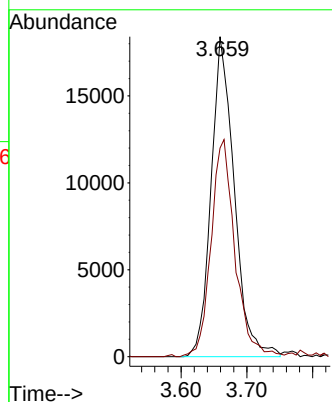
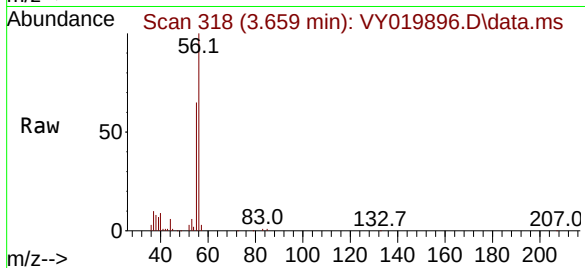
ClientSampleId :

Tgt Ion: 56 Resp: 44998

Ion Ratio Lower Upper

56 100

55 70.0 55.7 83.5



#14

Allyl chloride

Concen: 57.072 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.013 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

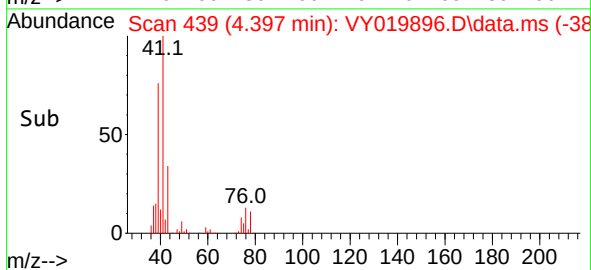
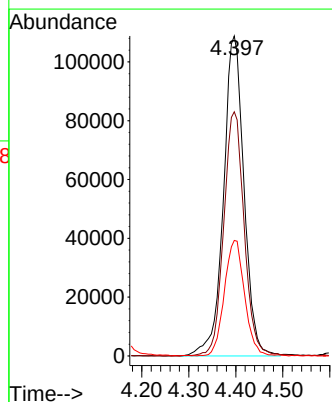
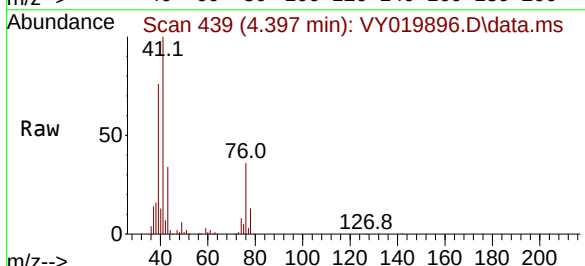
Tgt Ion: 41 Resp: 330865

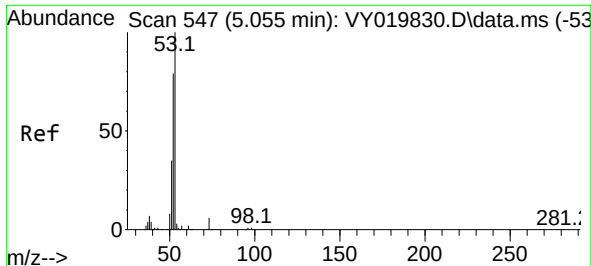
Ion Ratio Lower Upper

41 100

39 76.1 58.3 87.5

76 35.4 39.0 58.6#

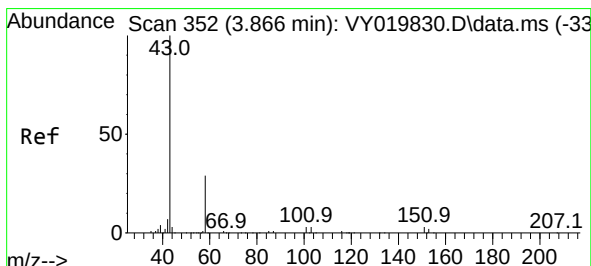
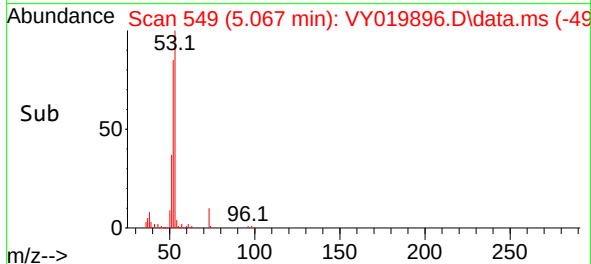
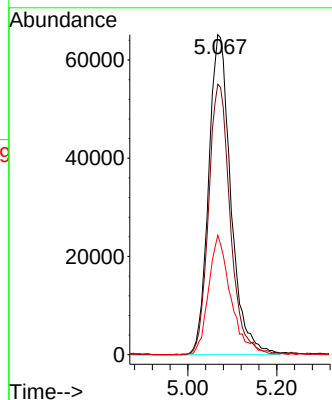
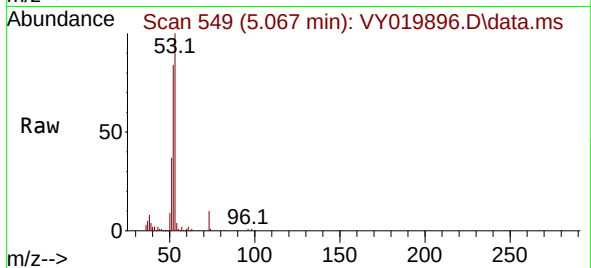




#15
Acrylonitrile
Concen: 274.268 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

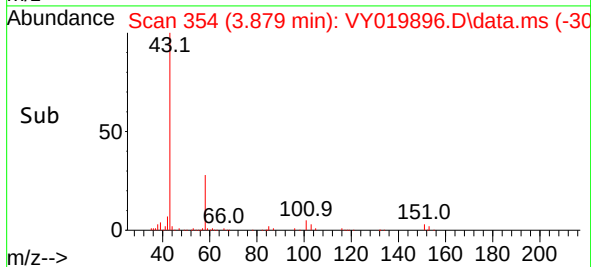
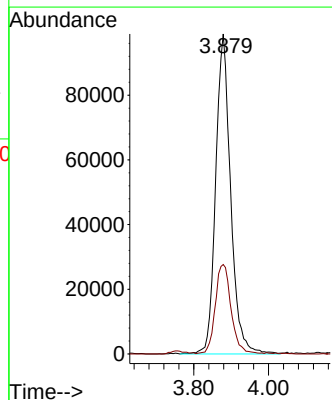
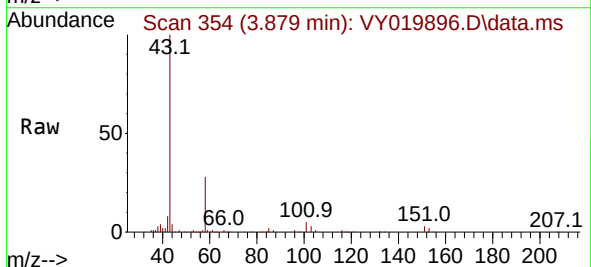
Instrument :
MSVOA_Y
ClientSampleId :

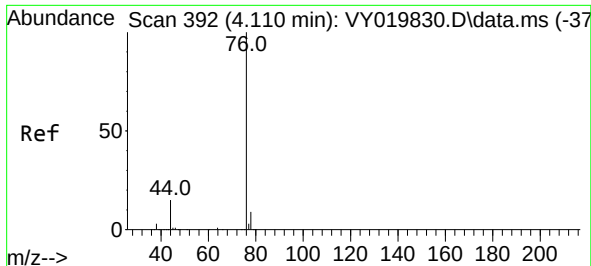
Tgt Ion: 53 Resp: 226544
Ion Ratio Lower Upper
53 100
52 82.6 64.7 97.1
51 37.5 28.4 42.6



#16
Acetone
Concen: 286.127 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 43 Resp: 274678
Ion Ratio Lower Upper
43 100
58 27.8 31.7 47.5#

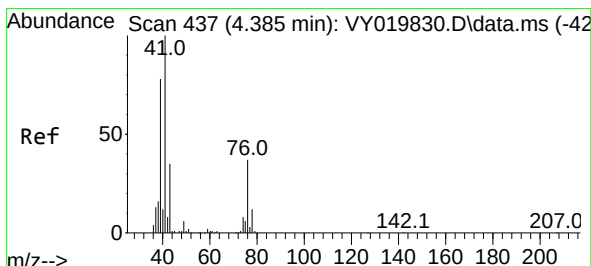
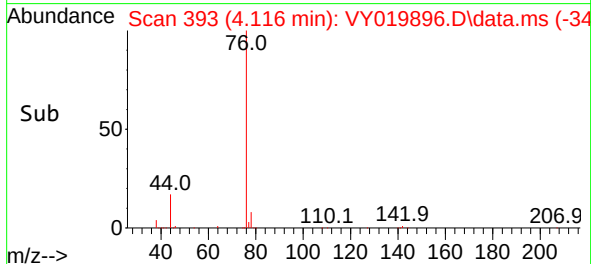
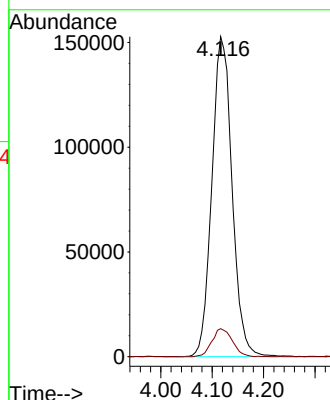
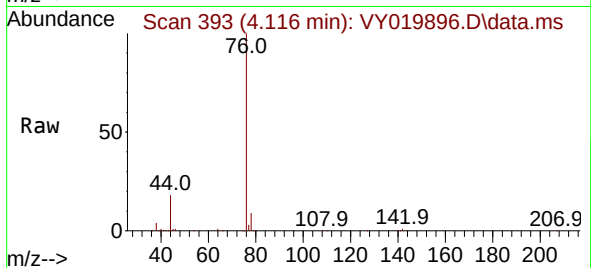




#17
Carbon Disulfide
Concen: 48.387 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

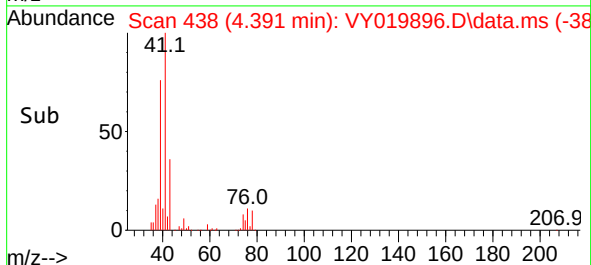
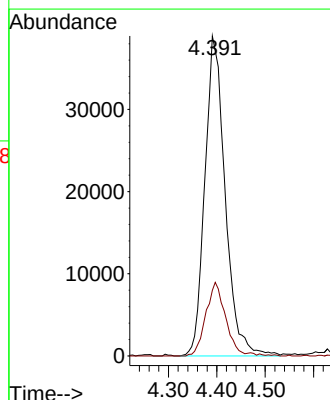
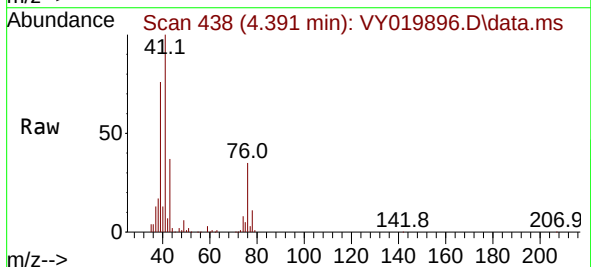
Instrument :
MSVOA_Y
ClientSampleId :

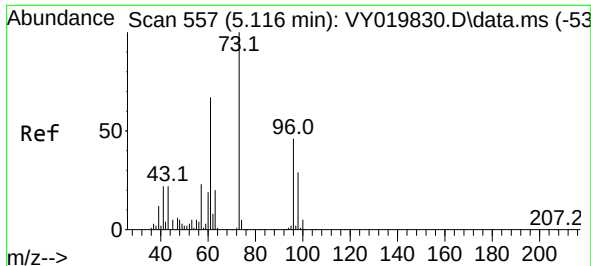
Tgt Ion: 76 Resp: 416718
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 55.124 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 43 Resp: 113994
Ion Ratio Lower Upper
43 100
74 22.5 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 54.386 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.013 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

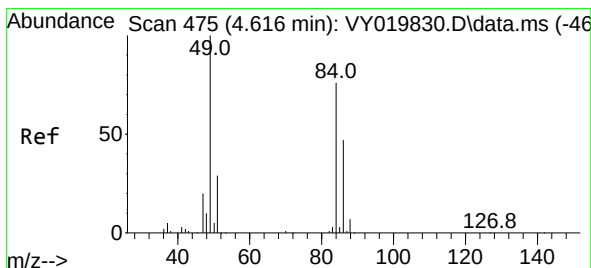
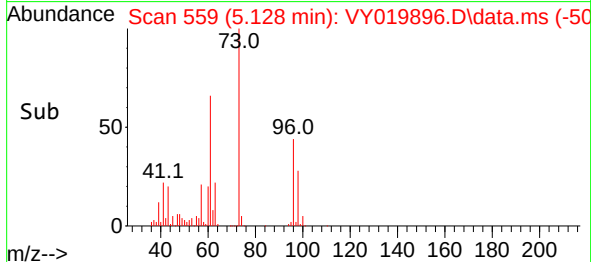
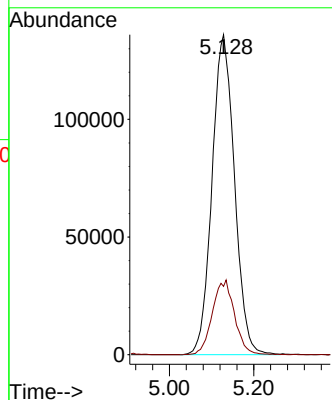
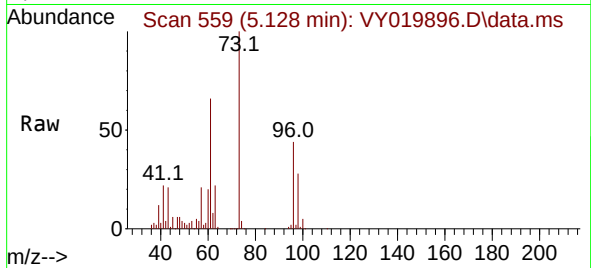
ClientSampleId :

Tgt Ion: 73 Resp: 502031

Ion Ratio Lower Upper

73 100

57 21.4 17.3 25.9



#20

Methylene Chloride

Concen: 55.263 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Tgt Ion: 84 Resp: 195723

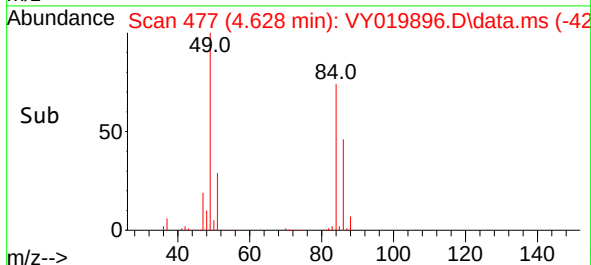
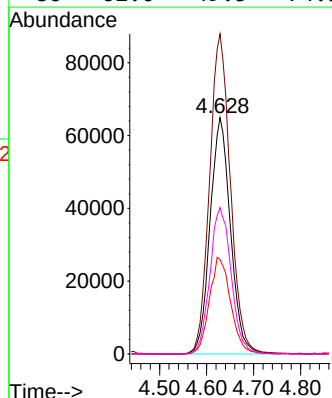
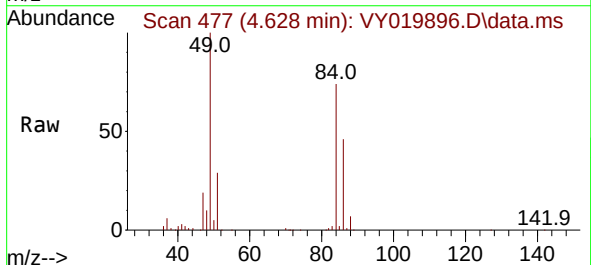
Ion Ratio Lower Upper

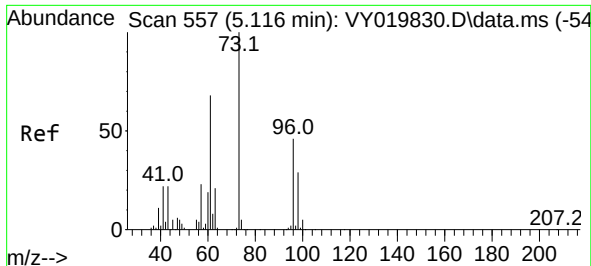
84 100

49 135.4 84.4 126.6#

51 39.9 26.0 39.0#

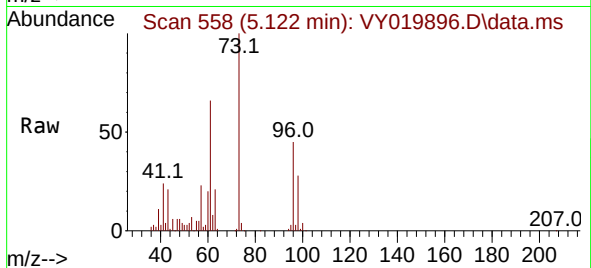
86 62.0 49.5 74.3



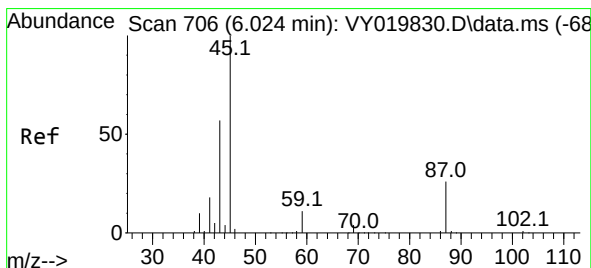
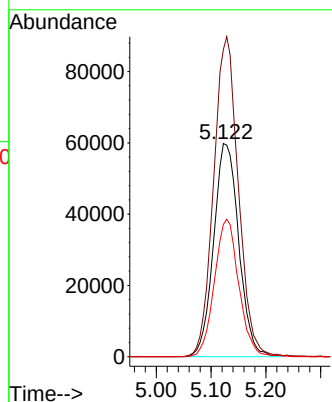
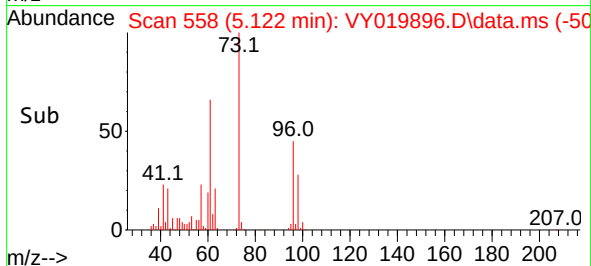


#21
trans-1,2-Dichloroethene
Concen: 54.414 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Instrument :
MSVOA_Y
ClientSampleId :

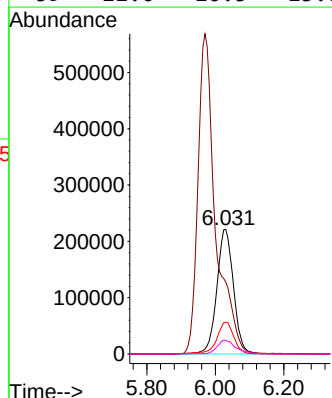
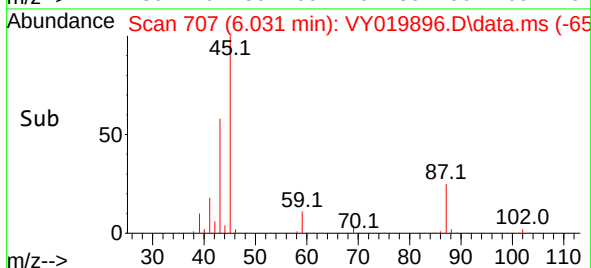
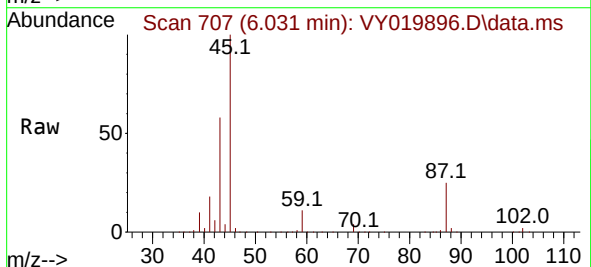


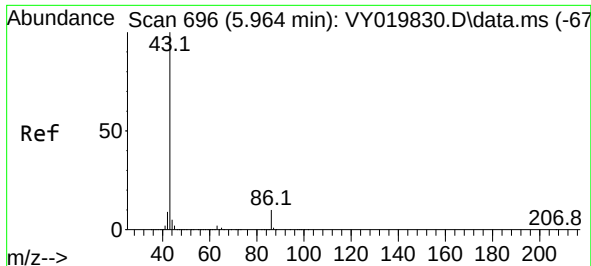
Tgt Ion: 96 Resp: 190286
Ion Ratio Lower Upper
96 100
61 144.1 97.5 146.3
98 62.1 50.5 75.7



#22
Diisopropyl ether
Concen: 58.899 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.013 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 45 Resp: 743765
Ion Ratio Lower Upper
45 100
43 57.5 42.2 63.2
87 25.4 25.0 37.6
59 11.0 10.5 15.7

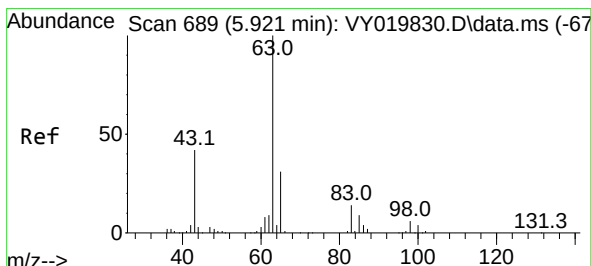
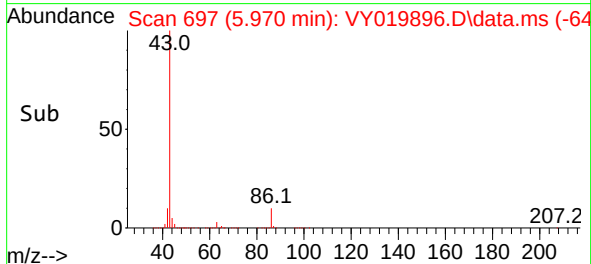
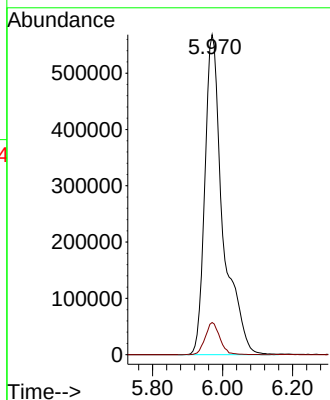
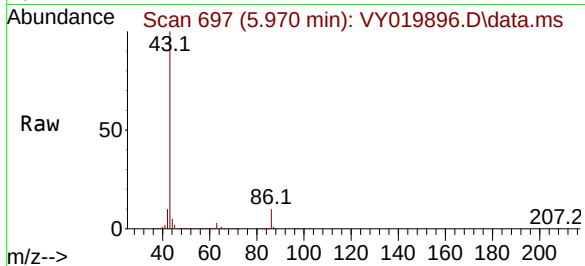




#23
 Vinyl Acetate
 Concen: 280.832 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY019896.D
 Acq: 15 Oct 2024 10:44

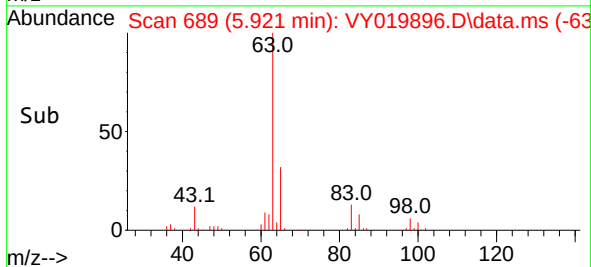
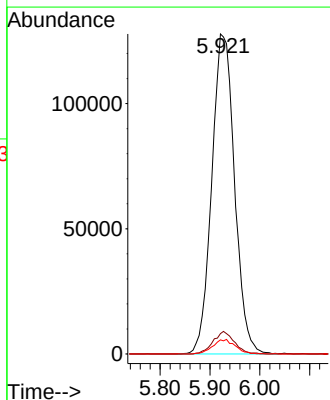
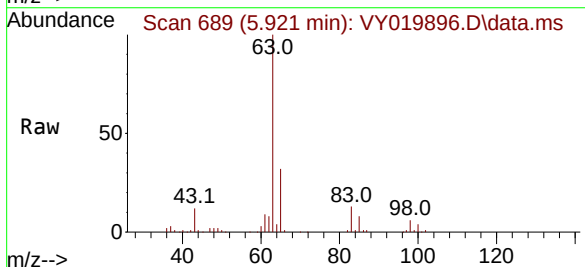
Instrument :
 MSVOA_Y
 ClientSampleId :

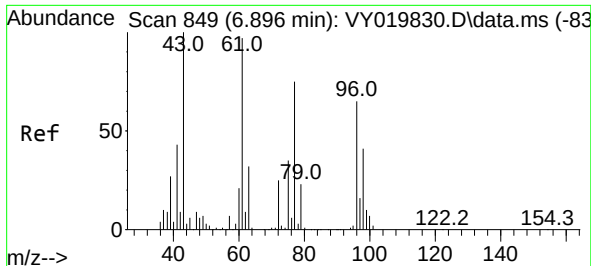
Tgt Ion: 43 Resp: 2033006
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 57.808 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY019896.D
 Acq: 15 Oct 2024 10:44

Tgt Ion: 63 Resp: 405779
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.0 12.2
 100 4.4 2.6 8.0

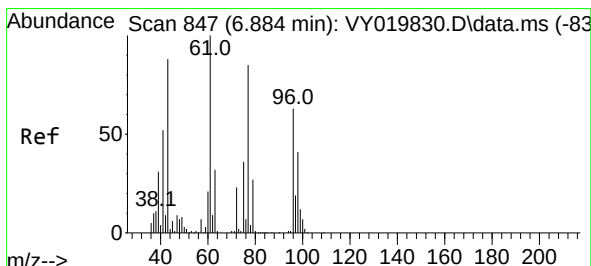
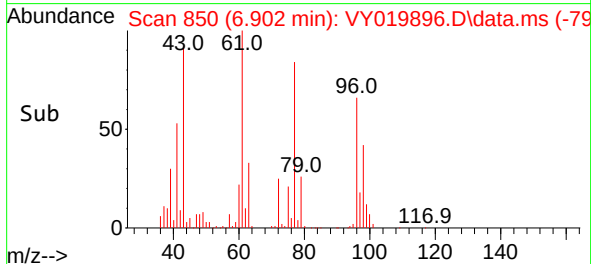
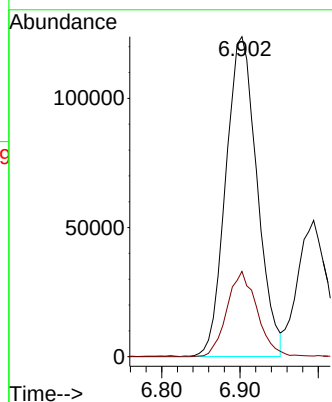
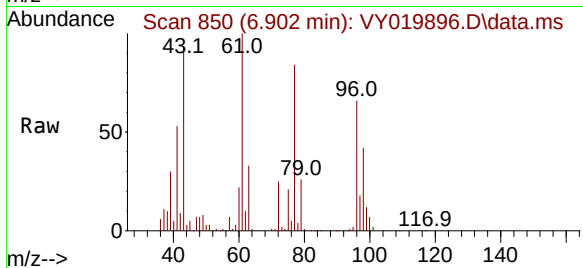




#25
2-Butanone
Concen: 267.597 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

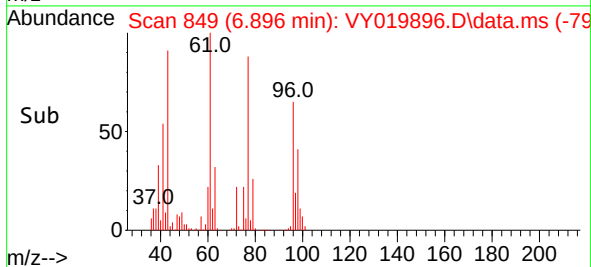
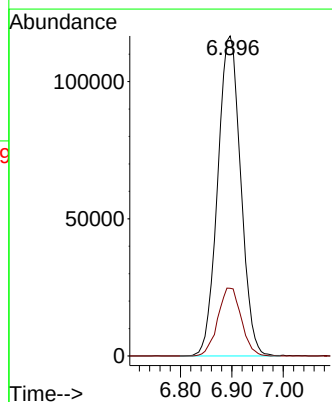
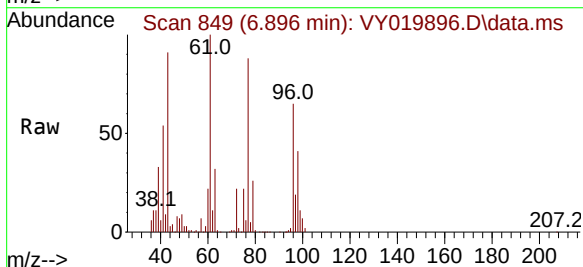
Instrument :
MSVOA_Y
ClientSampleId :

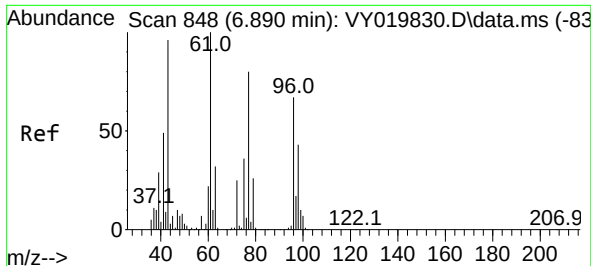
Tgt Ion: 43 Resp: 343854
Ion Ratio Lower Upper
43 100
72 26.7 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 58.074 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

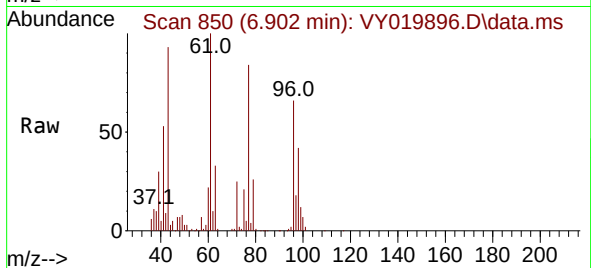
Tgt Ion: 77 Resp: 363043
Ion Ratio Lower Upper
77 100
97 21.6 12.0 36.1



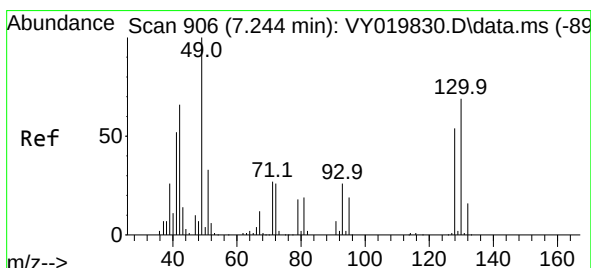
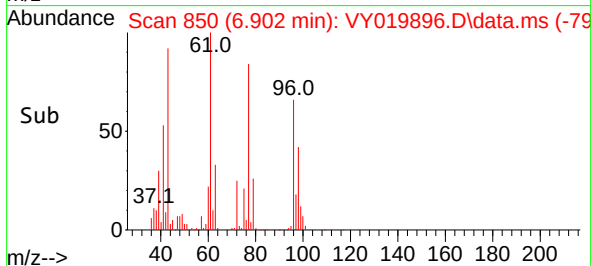
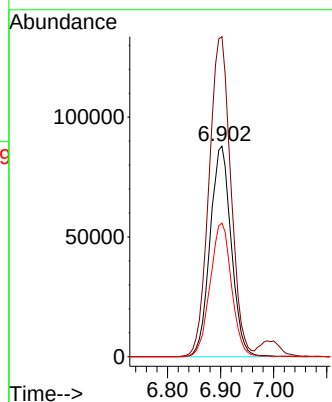


#27
 cis-1,2-Dichloroethene
 Concen: 56.419 ug/l
 RT: 6.902 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY019896.D
 Acq: 15 Oct 2024 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :

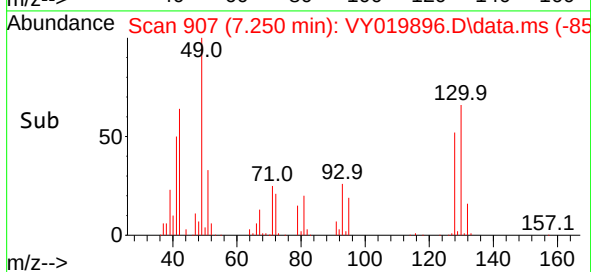
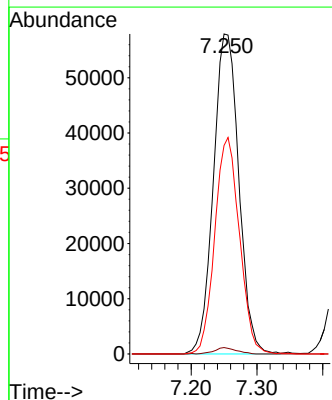
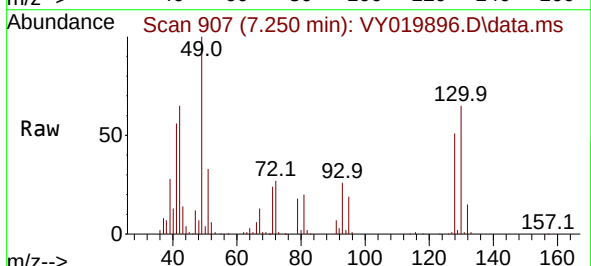


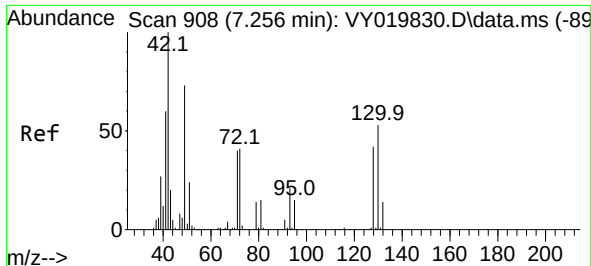
Tgt Ion: 96 Resp: 243822
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 256.2
 98 64.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 50.489 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY019896.D
 Acq: 15 Oct 2024 10:44

Tgt Ion: 49 Resp: 155992
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 65.5 72.7 109.1#





#29

Tetrahydrofuran

Concen: 257.883 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

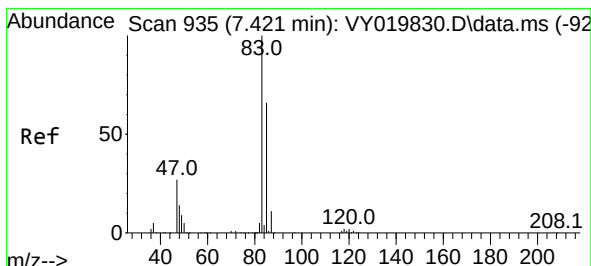
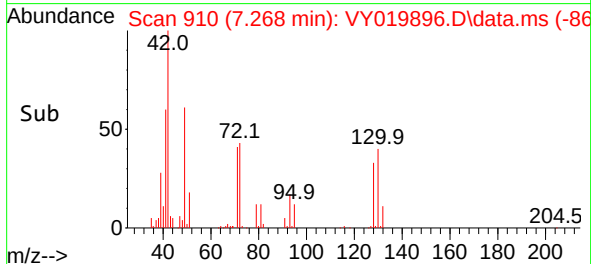
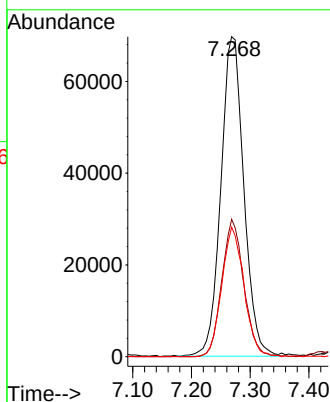
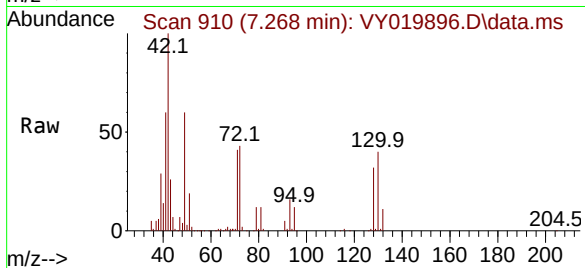
Tgt Ion: 42 Resp: 189206

Ion Ratio Lower Upper

42 100

72 41.2 43.0 64.4#

71 39.3 40.8 61.2#



#30

Chloroform

Concen: 58.279 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY019896.D

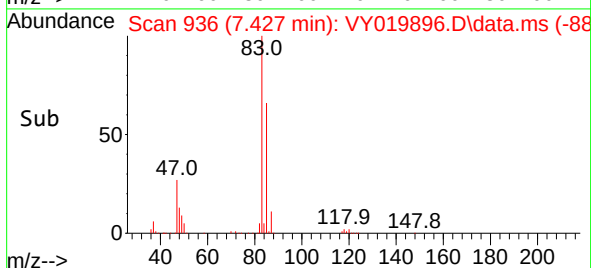
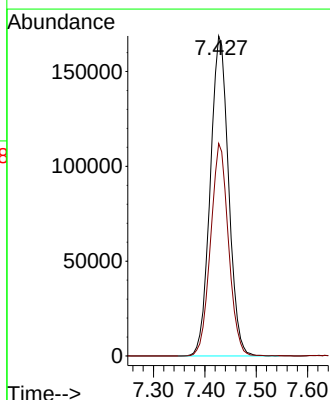
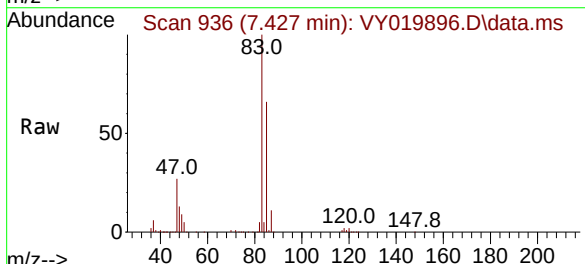
Acq: 15 Oct 2024 10:44

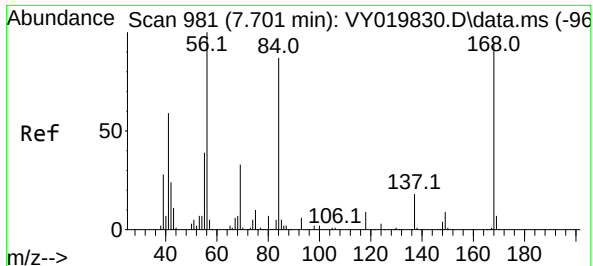
Tgt Ion: 83 Resp: 417017

Ion Ratio Lower Upper

83 100

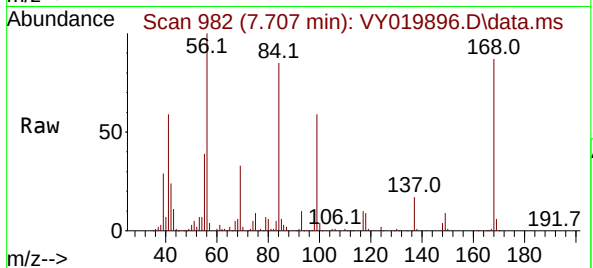
85 66.4 52.2 78.4



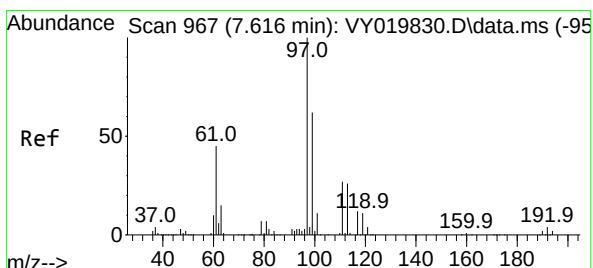
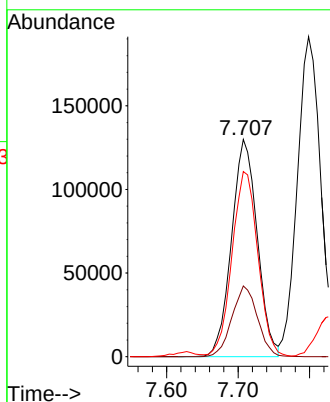
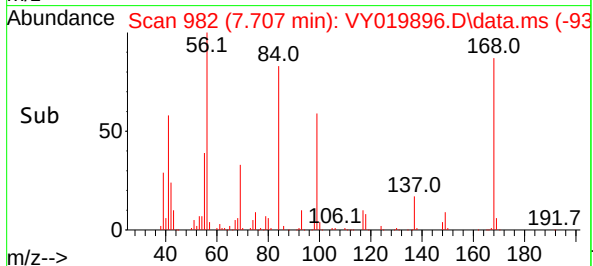


#31
Cyclohexane
Concen: 52.677 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Instrument :
MSVOA_Y
ClientSampleId :

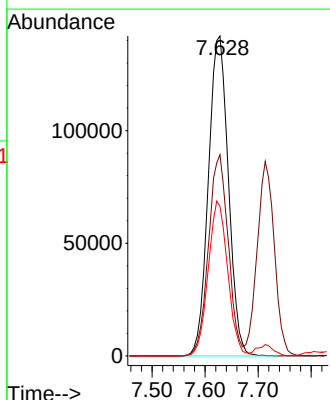
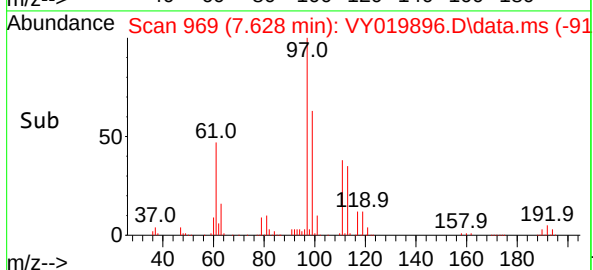
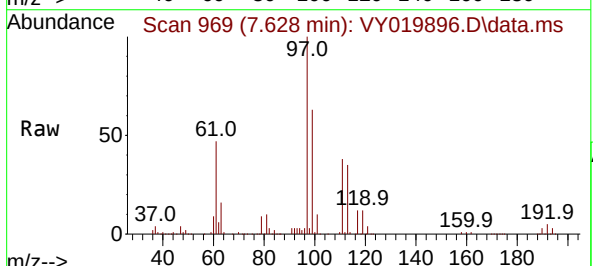


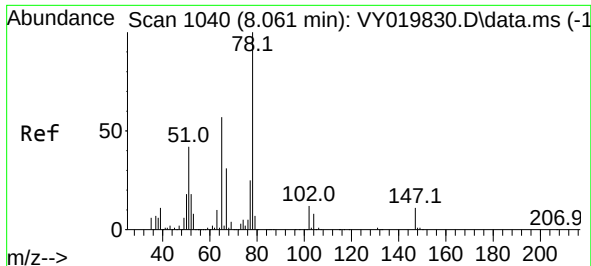
Tgt Ion: 56 Resp: 324586
Ion Ratio Lower Upper
56 100
69 32.6 28.7 43.1
84 83.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 59.319 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 97 Resp: 371978
Ion Ratio Lower Upper
97 100
99 62.0 50.3 75.5
61 47.4 32.6 48.8

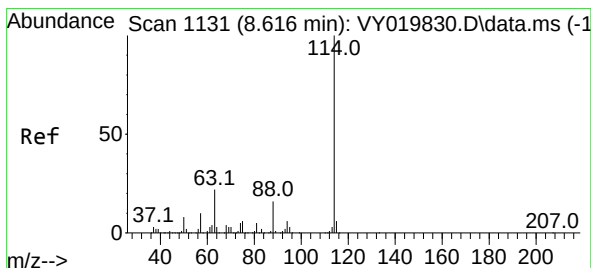
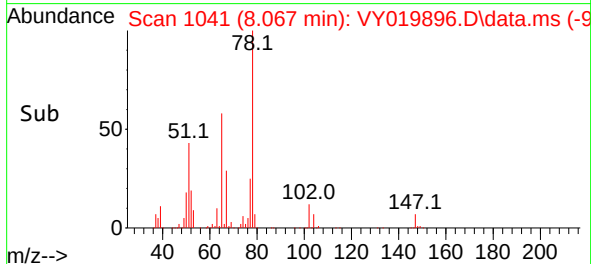
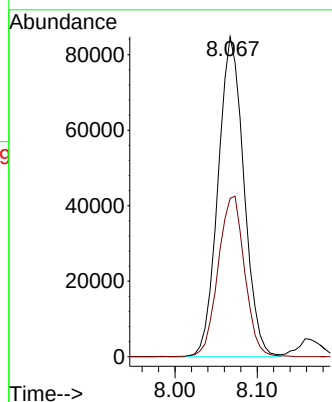
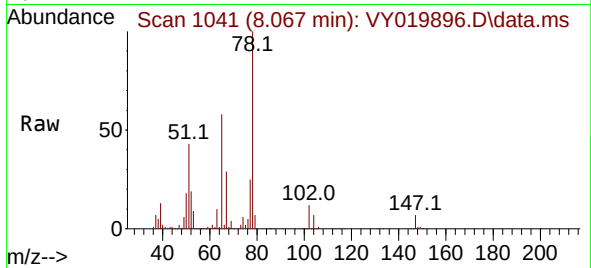




#33
1,2-Dichloroethane-d4
Concen: 50.264 ug/l
RT: 8.067 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

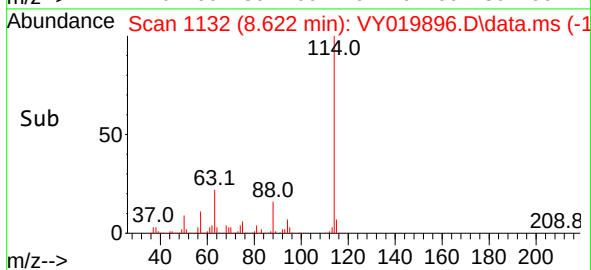
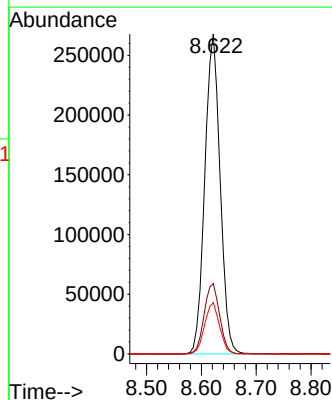
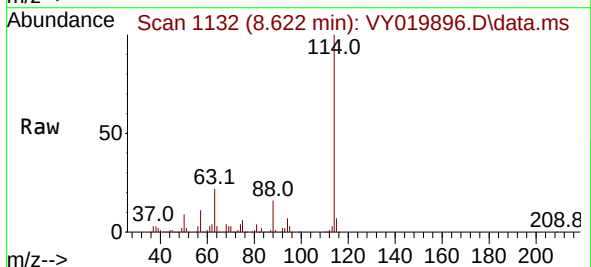
Instrument :
MSVOA_Y
ClientSampleId :

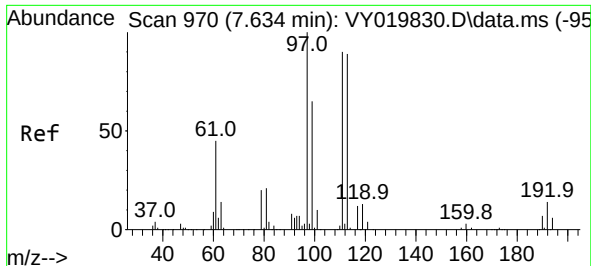
Tgt Ion: 65 Resp: 185362
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 114 Resp: 518770
Ion Ratio Lower Upper
114 100
63 22.0 0.0 35.0
88 16.1 0.0 27.2

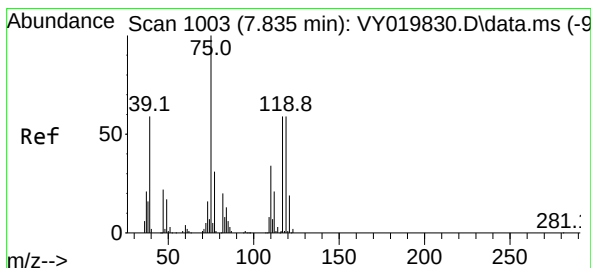
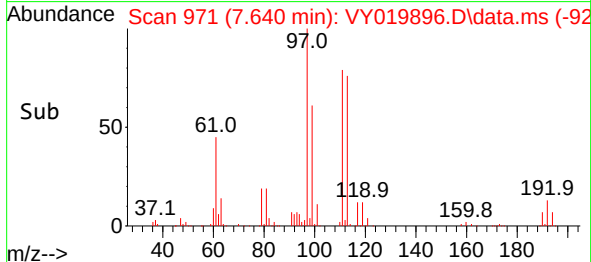
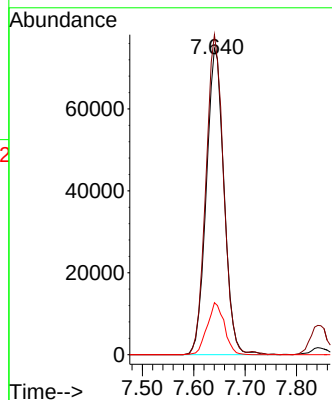
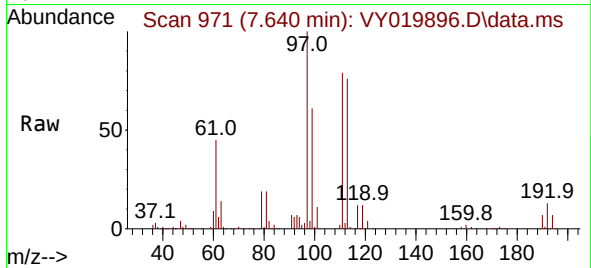




#35
Dibromofluoromethane
Concen: 52.260 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

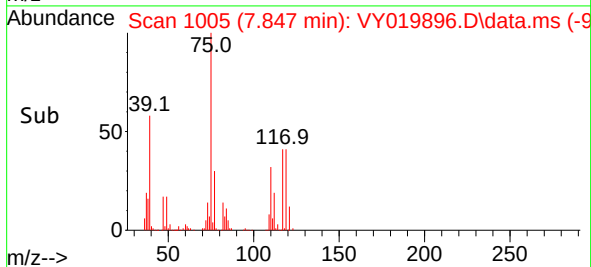
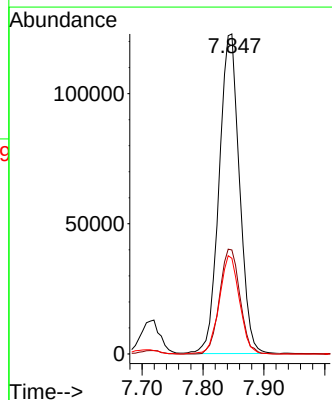
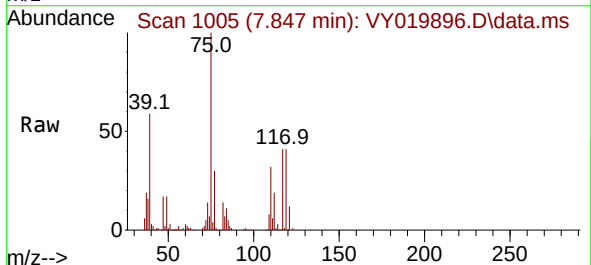
Instrument :
MSVOA_Y
ClientSampleId :

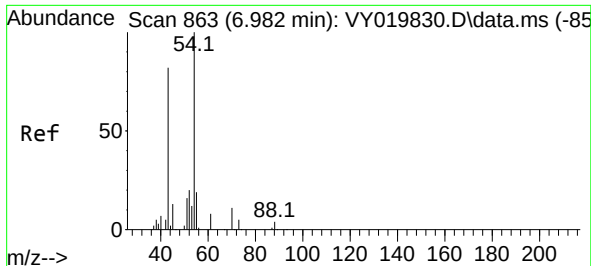
Tgt Ion:113 Resp: 178903
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 16.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 57.656 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.013 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 75 Resp: 284352
Ion Ratio Lower Upper
75 100
110 32.8 19.0 57.0
77 30.6 25.3 37.9





#37

Ethyl Acetate

Concen: 55.062 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

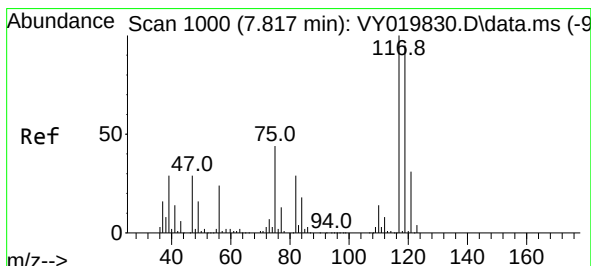
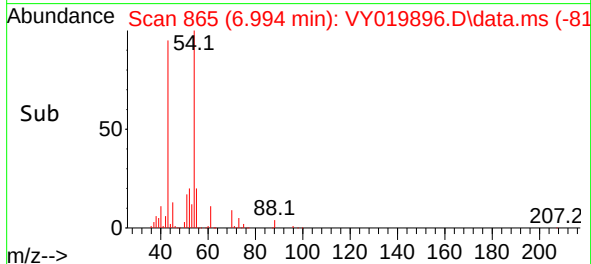
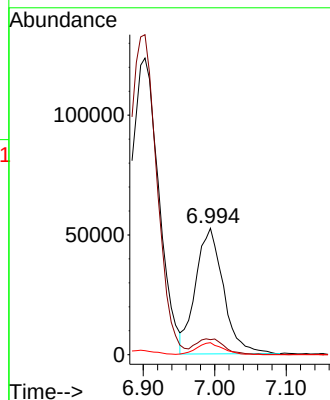
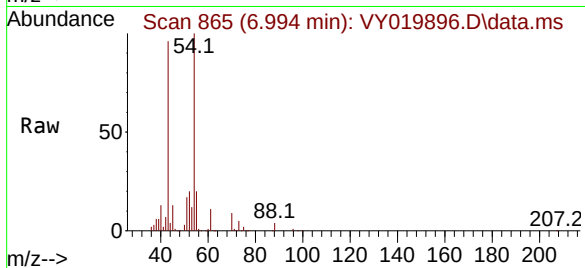
Tgt Ion: 43 Resp: 141602

Ion Ratio Lower Upper

43 100

61 12.6 12.6 19.0#

70 9.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 58.510 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

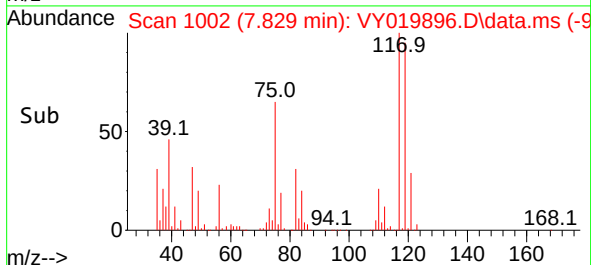
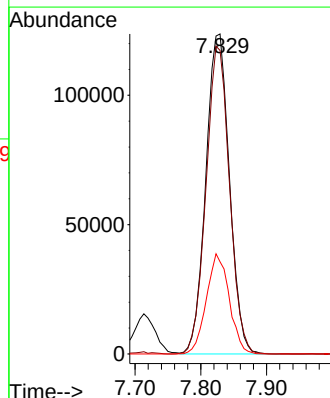
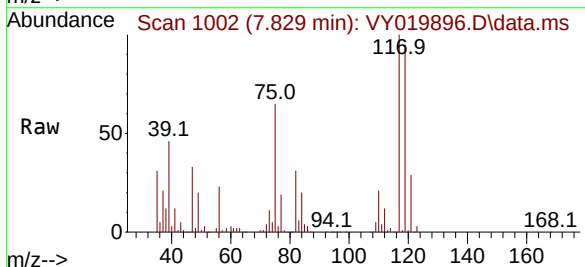
Tgt Ion: 117 Resp: 309348

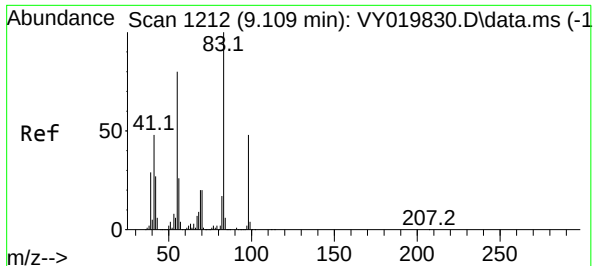
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.6

121 28.8 24.0 36.0





#39

Methylcyclohexane

Concen: 55.872 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

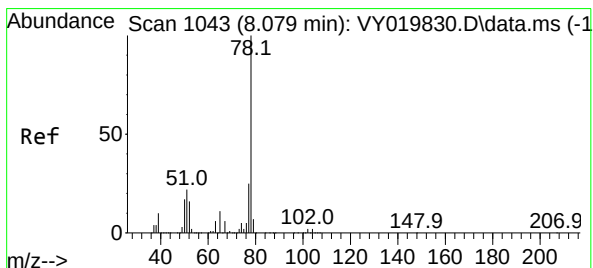
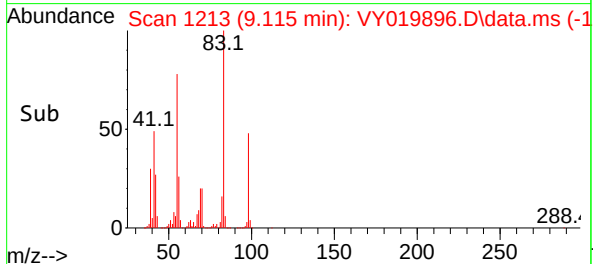
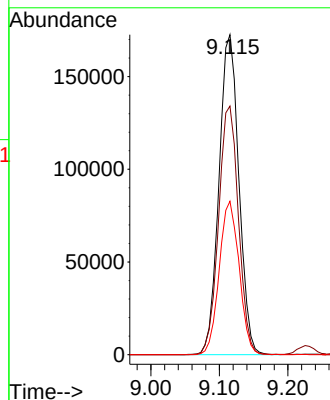
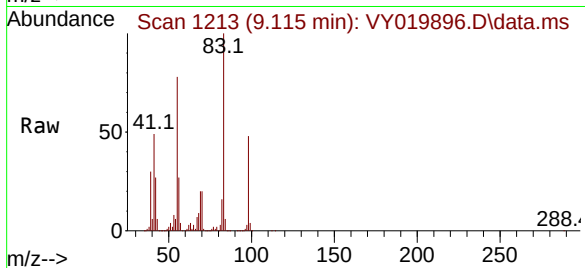
Tgt Ion: 83 Resp: 347201

Ion Ratio Lower Upper

83 100

55 77.7 51.5 77.3#

98 47.9 40.5 60.7



#40

Benzene

Concen: 57.174 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY019896.D

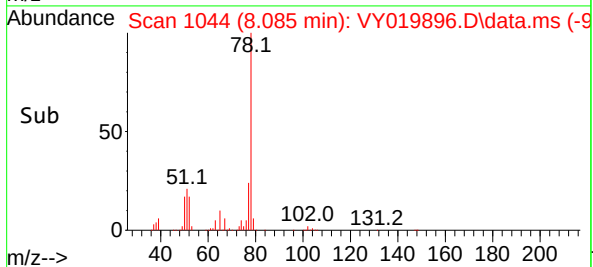
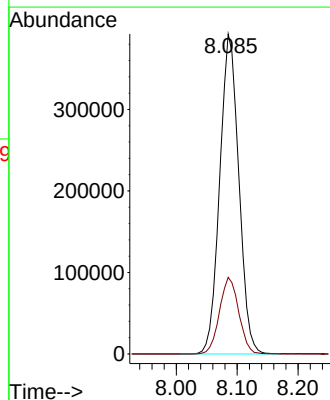
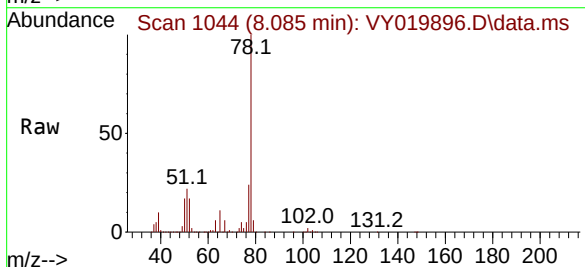
Acq: 15 Oct 2024 10:44

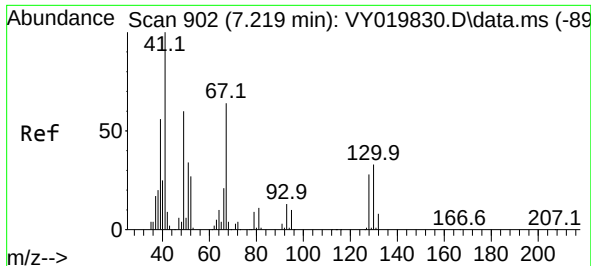
Tgt Ion: 78 Resp: 853375

Ion Ratio Lower Upper

78 100

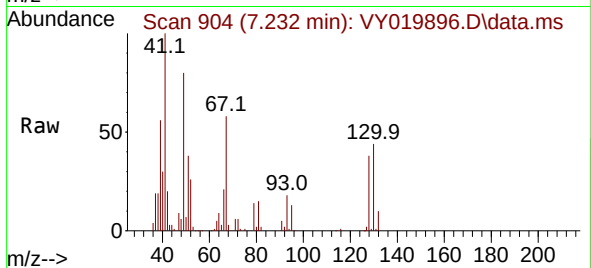
77 24.0 19.5 29.3



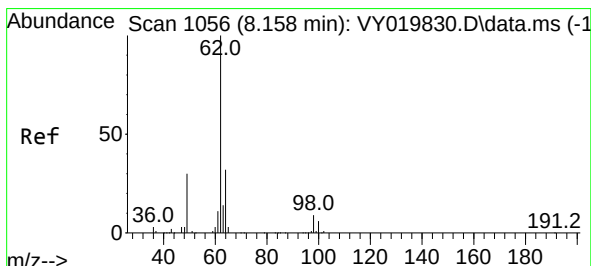
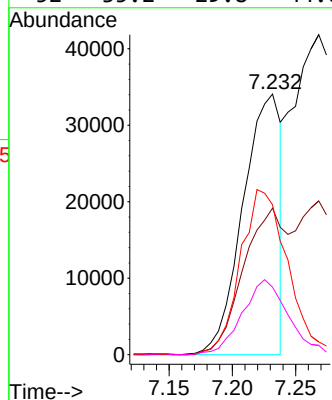
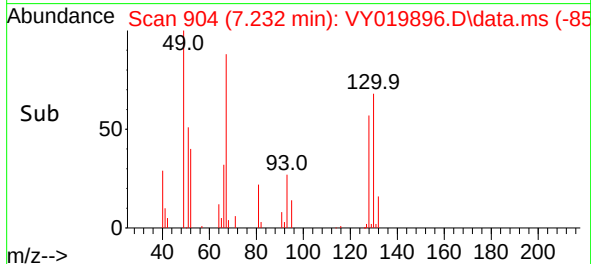


#41
Methacrylonitrile
Concen: 51.212 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

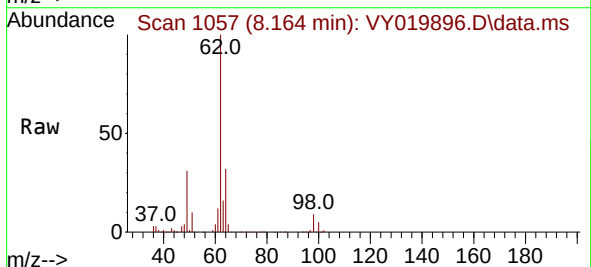
Instrument :
MSVOA_Y
ClientSampleId :



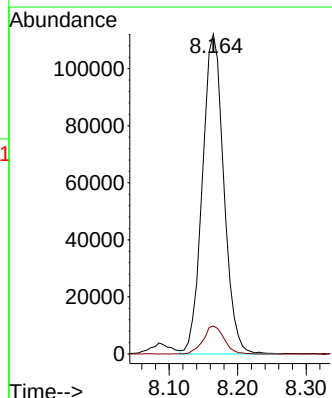
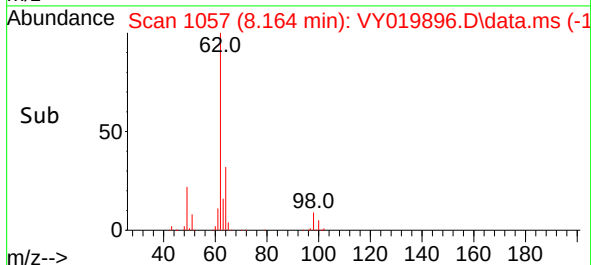
Tgt Ion: 41 Resp: 71280
Ion Ratio Lower Upper
41 100
39 63.7 48.0 72.0
67 79.0 75.1 112.7
52 35.2 29.8 44.6

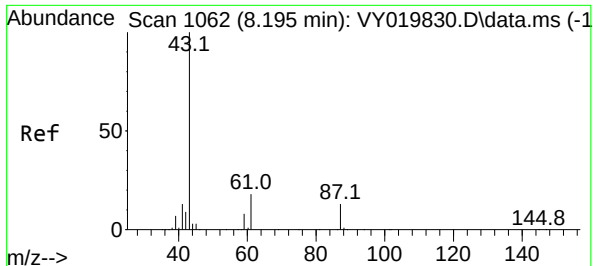


#42
1,2-Dichloroethane
Concen: 56.806 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44



Tgt Ion: 62 Resp: 243589
Ion Ratio Lower Upper
62 100
98 8.5 0.0 22.0

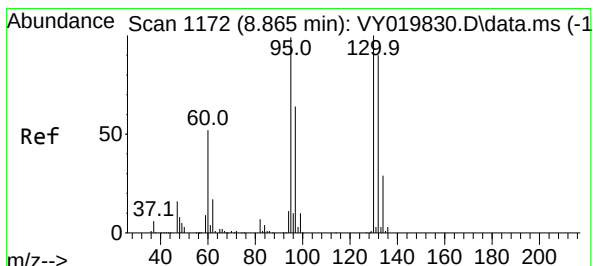
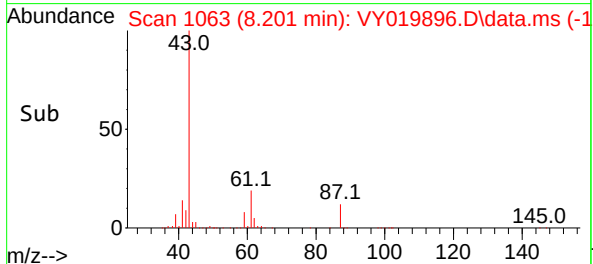
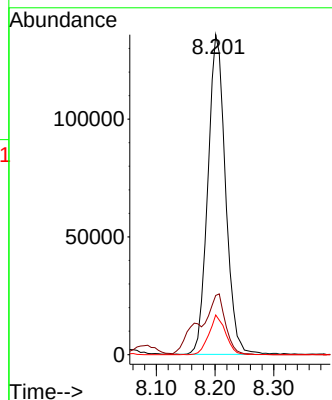
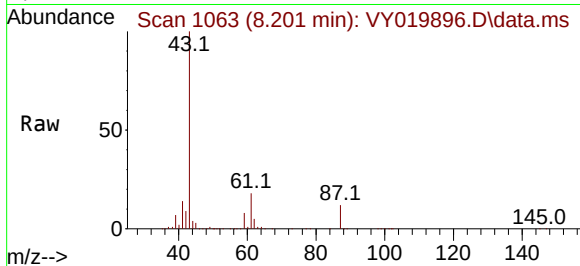




#43
Isopropyl Acetate
Concen: 54.034 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

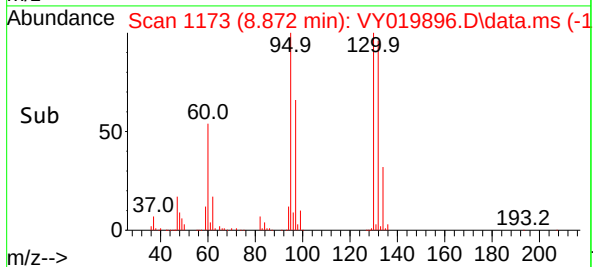
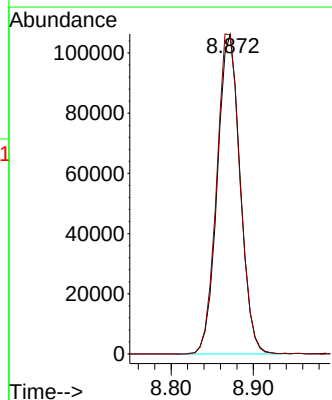
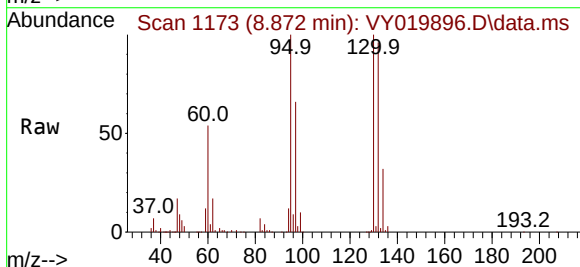
Instrument :
MSVOA_Y
ClientSampleId :

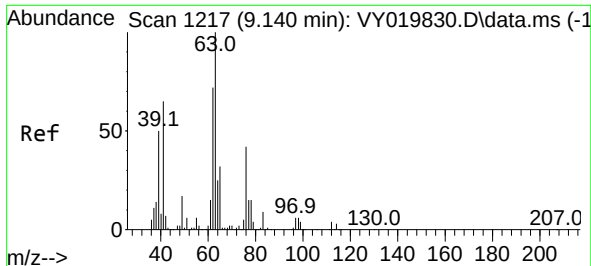
Tgt Ion: 43 Resp: 283393
Ion Ratio Lower Upper
43 100
61 27.8 27.9 41.9#
87 11.8 13.1 19.7#



#44
Trichloroethene
Concen: 56.611 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion:130 Resp: 204652
Ion Ratio Lower Upper
130 100
95 100.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 58.263 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

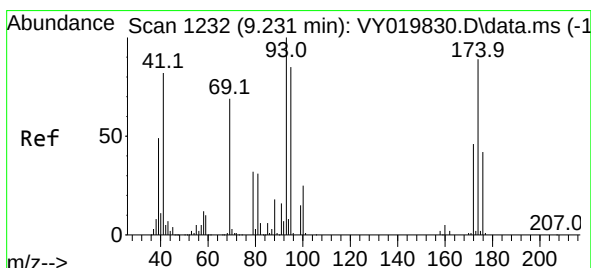
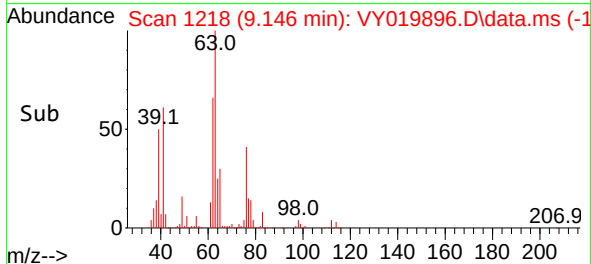
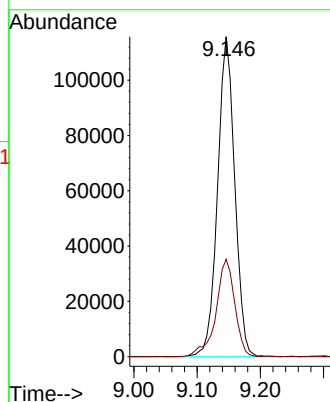
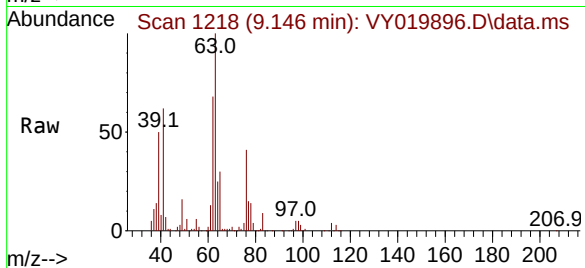
ClientSampleId :

Tgt Ion: 63 Resp: 217663

Ion Ratio Lower Upper

63 100

65 30.4 25.4 38.2



#46

Dibromomethane

Concen: 54.346 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

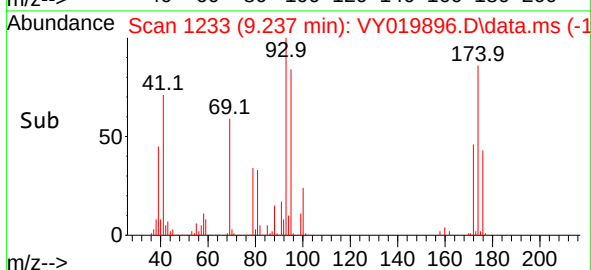
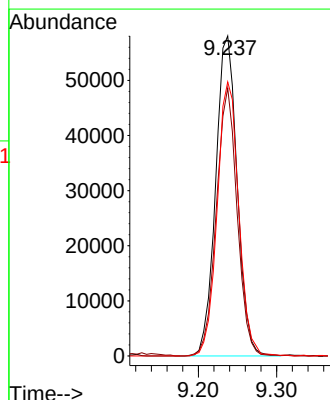
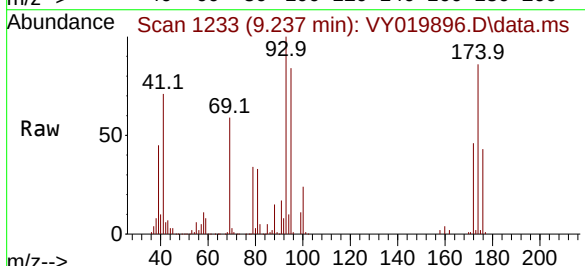
Tgt Ion: 93 Resp: 110927

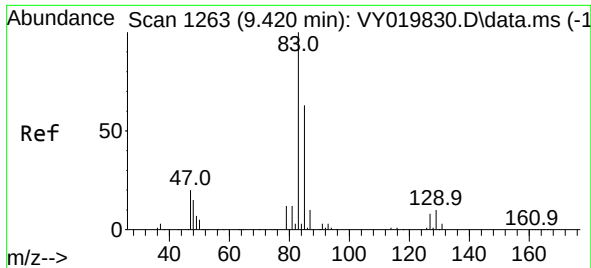
Ion Ratio Lower Upper

93 100

95 80.9 66.2 99.4

174 85.7 80.9 121.3

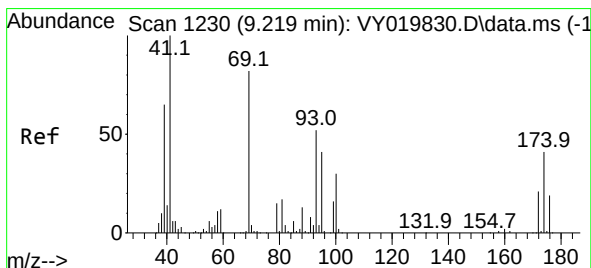
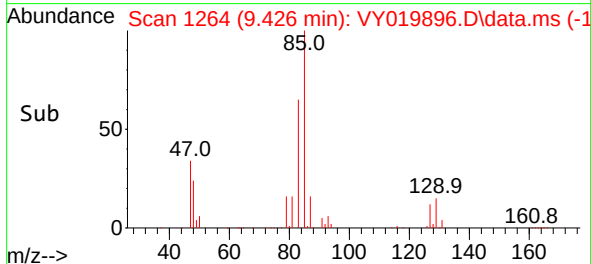
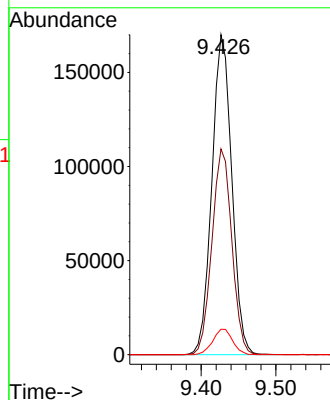
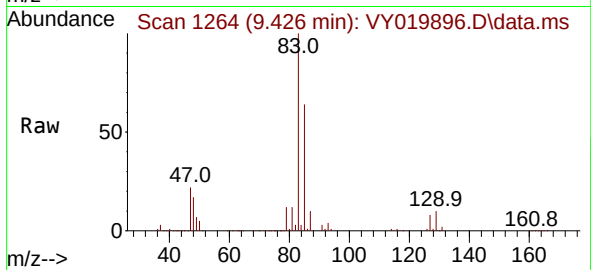




#47
Bromodichloromethane
Concen: 58.152 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

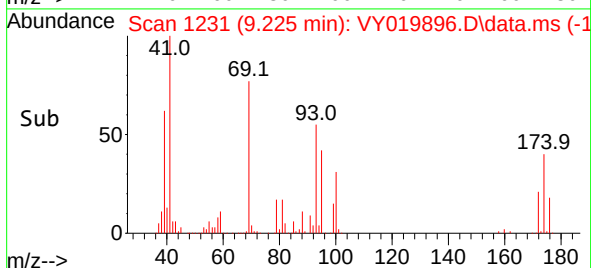
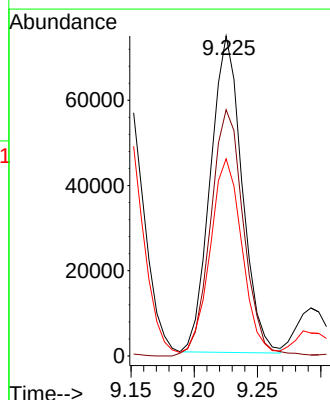
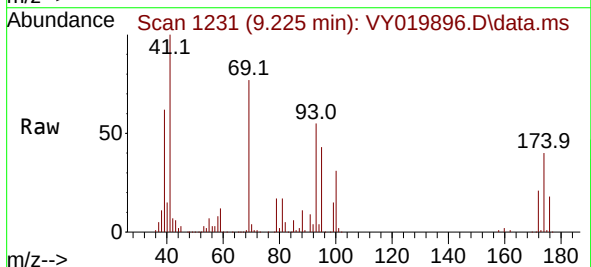
Instrument :
MSVOA_Y
ClientSampleId :

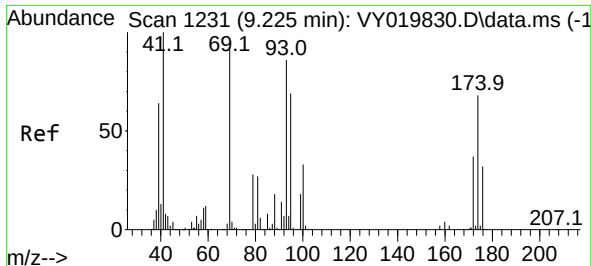
Tgt Ion: 83 Resp: 315055
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 7.9 7.4 11.0



#48
Methyl methacrylate
Concen: 55.978 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 41 Resp: 129143
Ion Ratio Lower Upper
41 100
69 81.2 84.1 126.1#
39 61.3 43.6 65.4





#49

1,4-Dioxane

Concen: 991.864 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

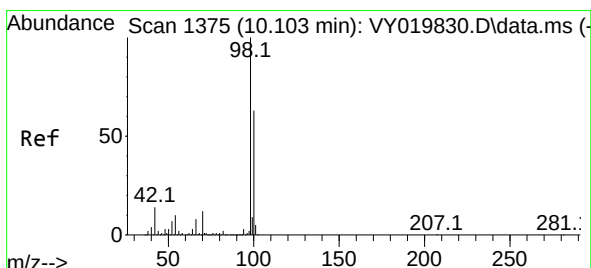
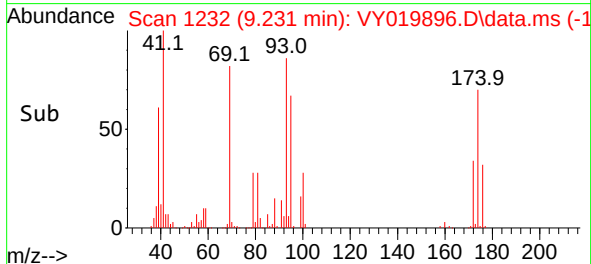
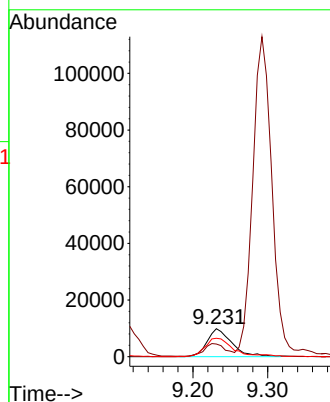
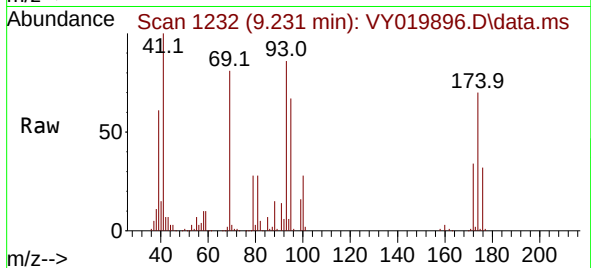
Tgt Ion: 88 Resp: 22659

Ion Ratio Lower Upper

88 100

43 39.4 0.0 0.0#

58 71.3 49.3 73.9



#50

Toluene-d8

Concen: 51.193 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019896.D

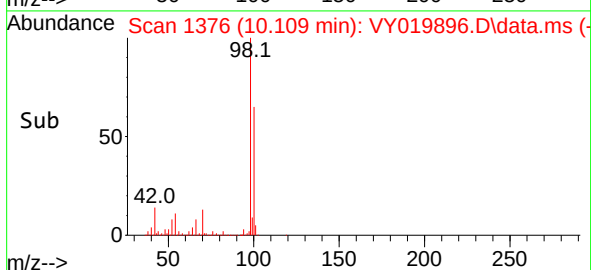
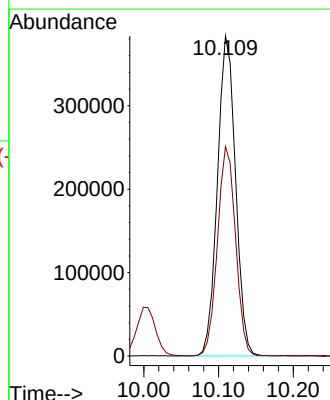
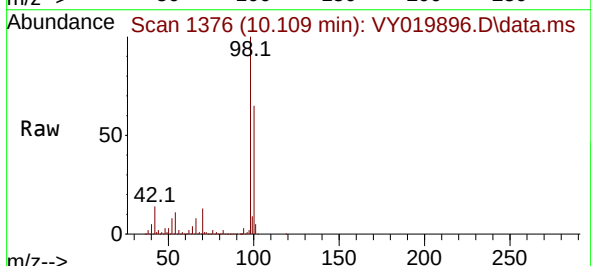
Acq: 15 Oct 2024 10:44

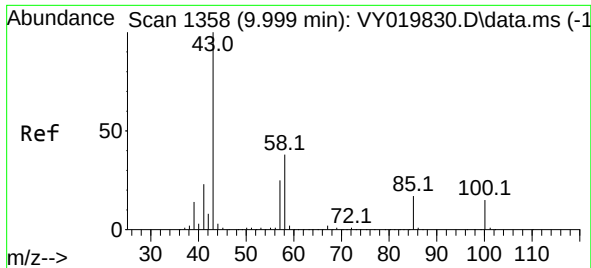
Tgt Ion: 98 Resp: 647176

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

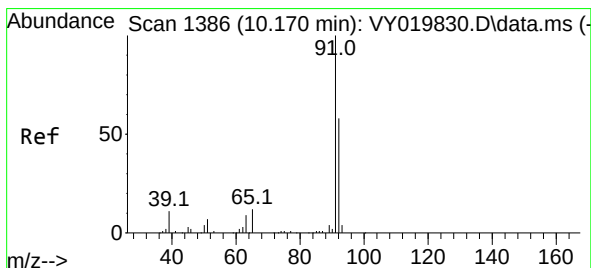
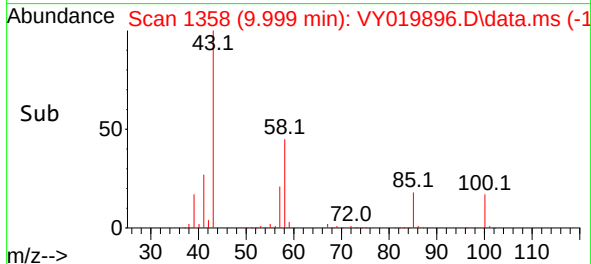
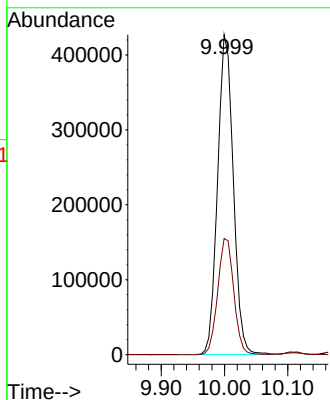
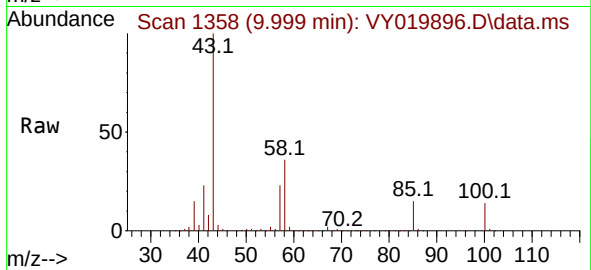




#51
4-Methyl-2-Pentanone
Concen: 274.256 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

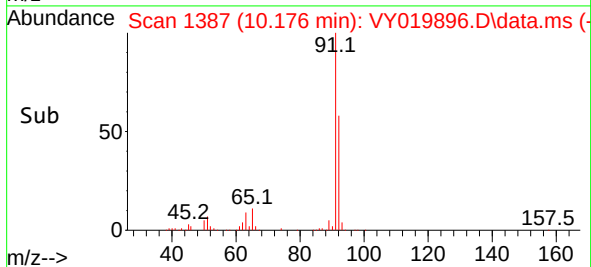
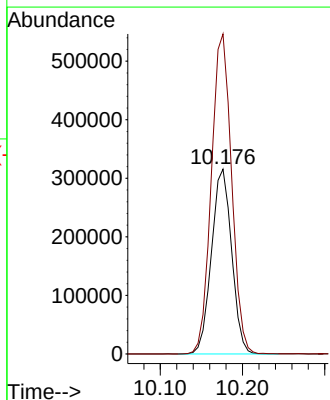
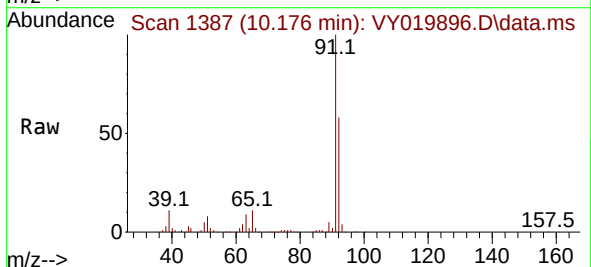
Instrument :
MSVOA_Y
ClientSampleId :

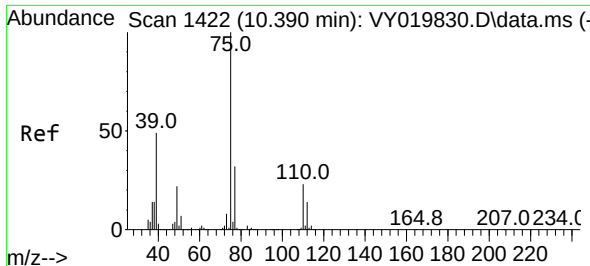
Tgt Ion: 43 Resp: 733668
Ion Ratio Lower Upper
43 100
58 37.2 35.7 53.5



#52
Toluene
Concen: 57.690 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 92 Resp: 537489
Ion Ratio Lower Upper
92 100
91 174.1 139.0 208.6

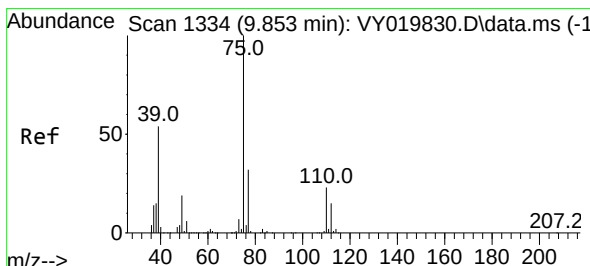
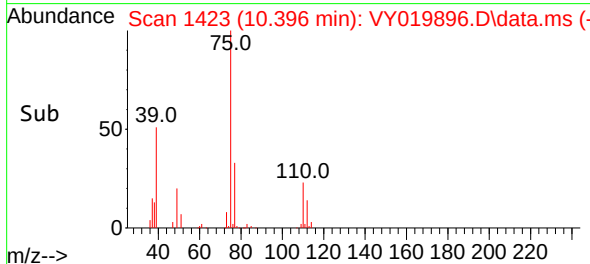
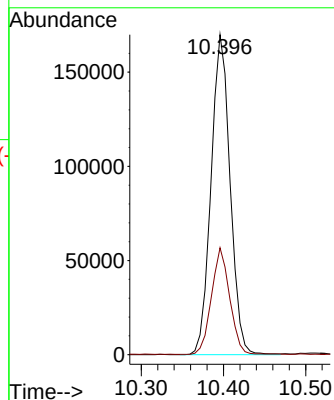
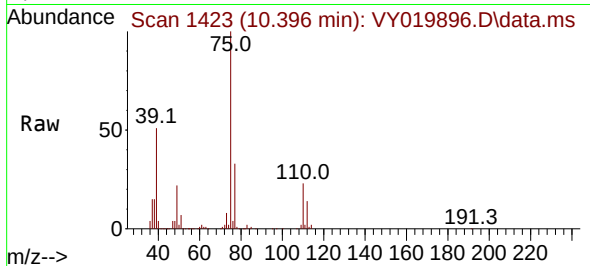




#53
 t-1,3-Dichloropropene
 Concen: 56.048 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY019896.D
 Acq: 15 Oct 2024 10:44

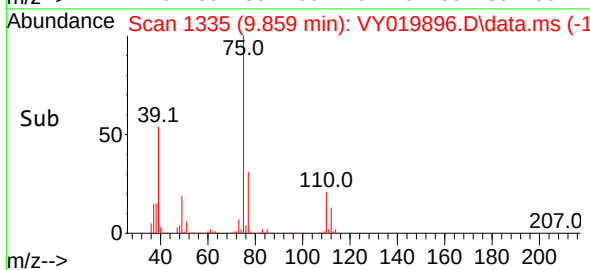
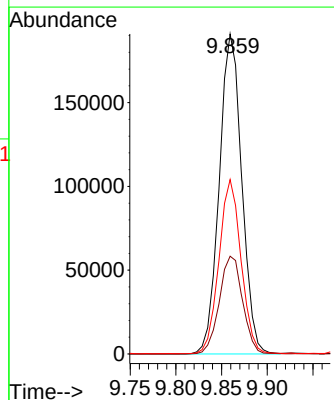
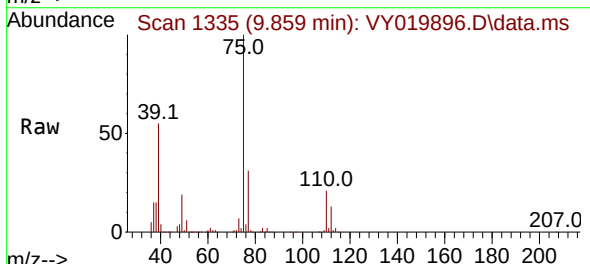
Instrument :
 MSVOA_Y
 ClientSampleId :

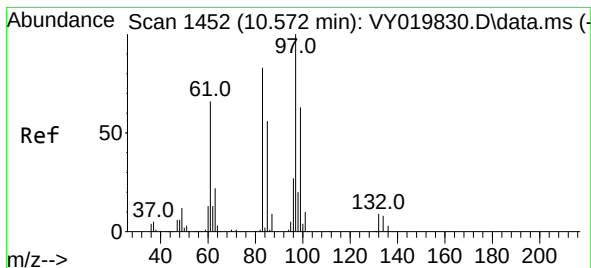
Tgt Ion: 75 Resp: 273216
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 56.901 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY019896.D
 Acq: 15 Oct 2024 10:44

Tgt Ion: 75 Resp: 327291
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 54.4 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 55.910 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 150352

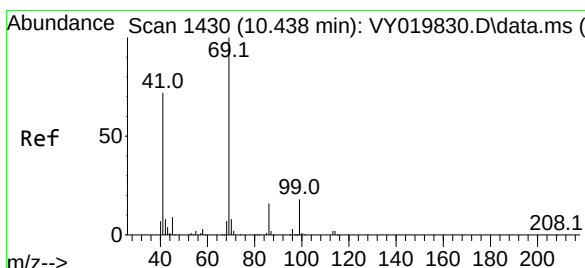
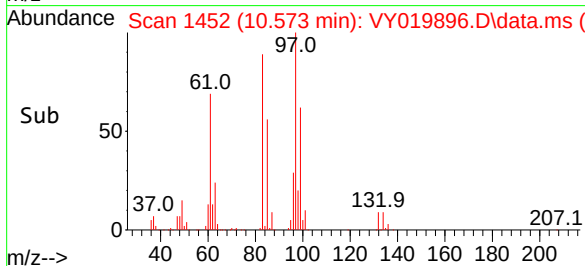
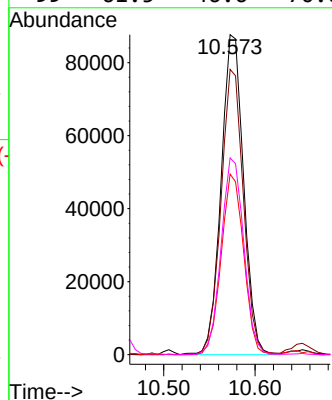
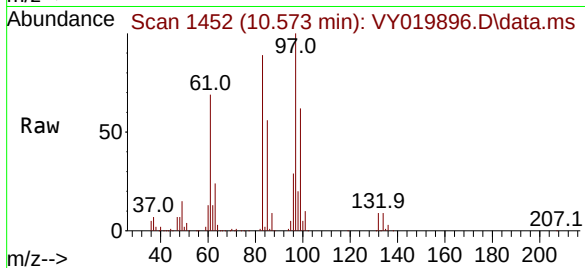
Ion Ratio Lower Upper

97 100

83 89.1 67.5 101.3

85 56.3 42.9 64.3

99 61.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 56.549 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

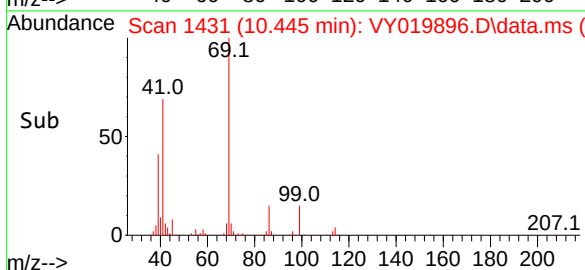
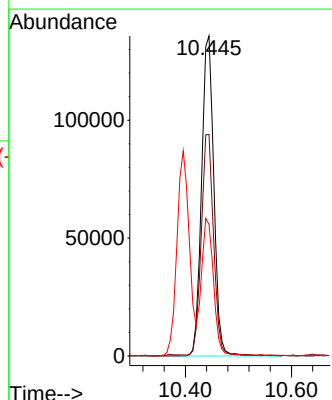
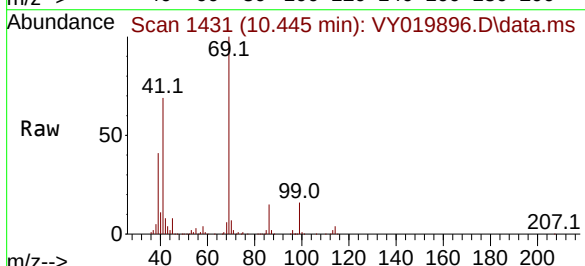
Tgt Ion: 69 Resp: 218209

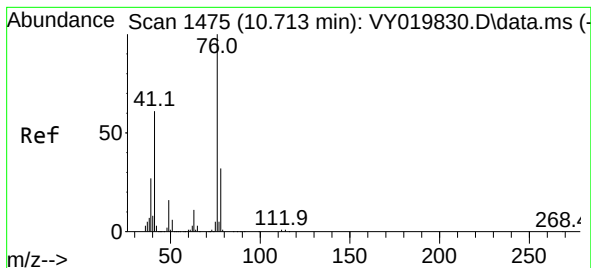
Ion Ratio Lower Upper

69 100

41 69.4 42.3 63.5#

39 41.8 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 55.155 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

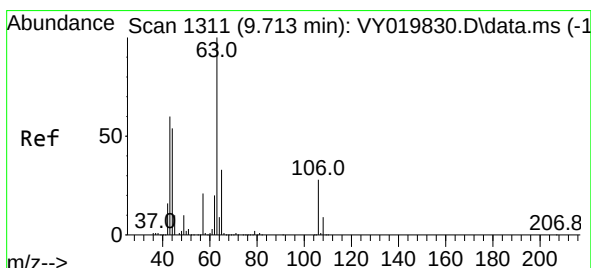
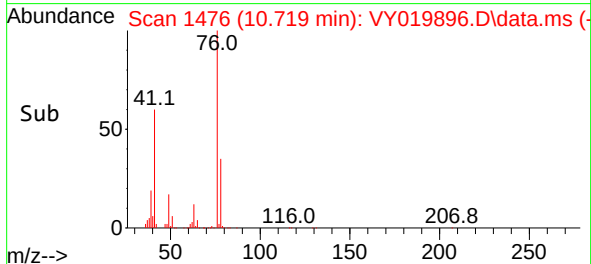
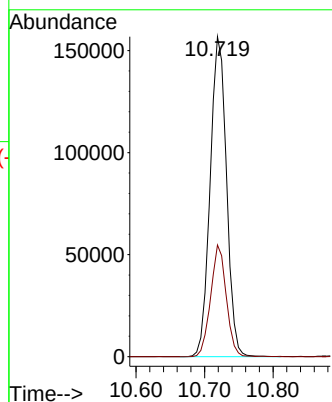
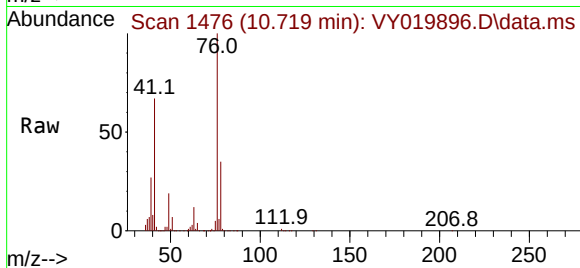
ClientSampleId :

Tgt Ion: 76 Resp: 260476

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 254.837 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019896.D

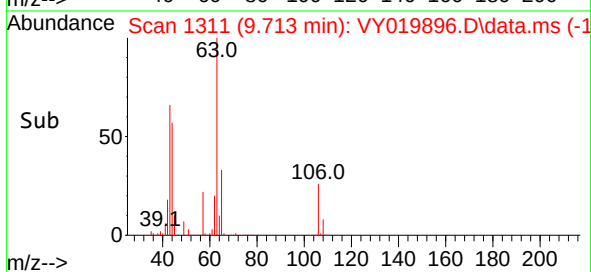
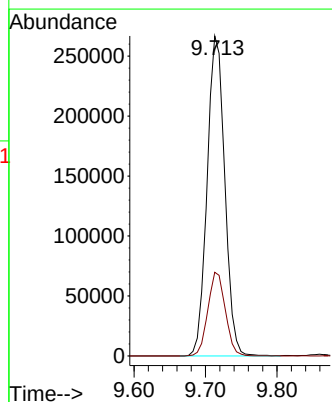
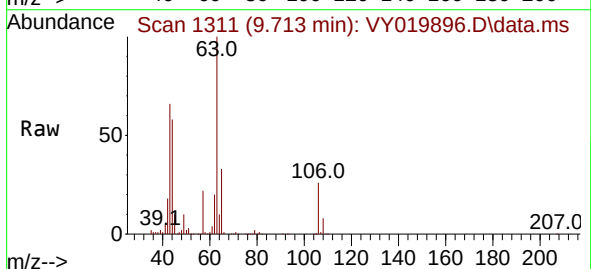
Acq: 15 Oct 2024 10:44

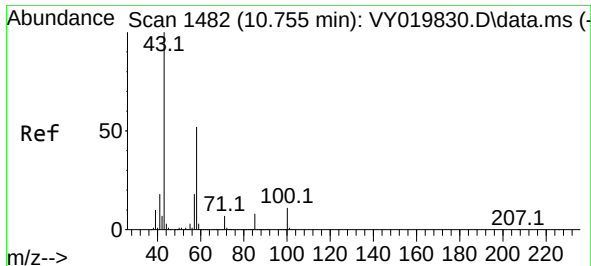
Tgt Ion: 63 Resp: 457778

Ion Ratio Lower Upper

63 100

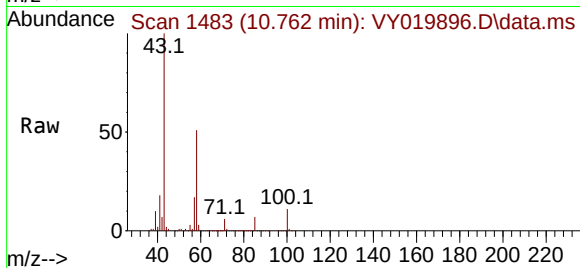
106 25.9 23.7 35.5



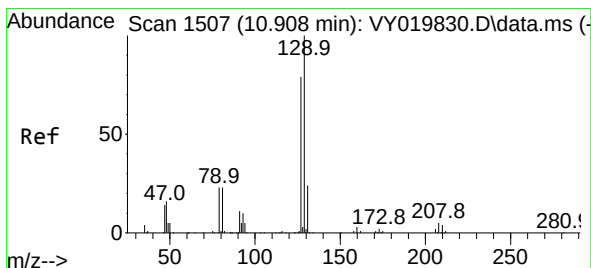
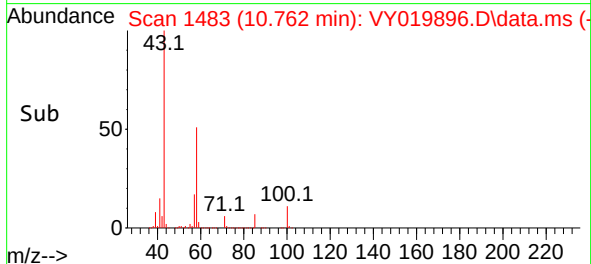
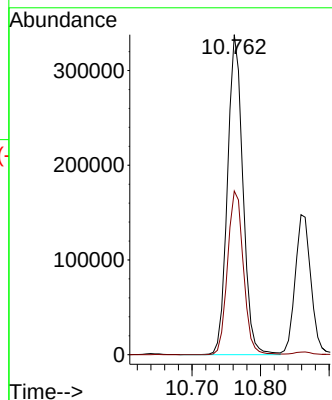


#59
2-Hexanone
Concen: 275.074 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Instrument :
MSVOA_Y
ClientSampleId :

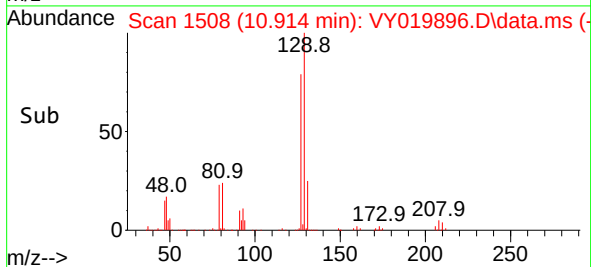
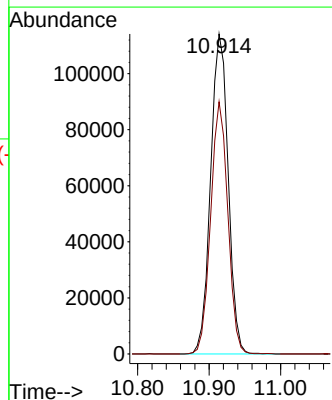
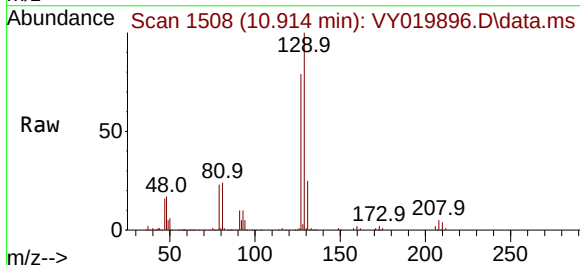


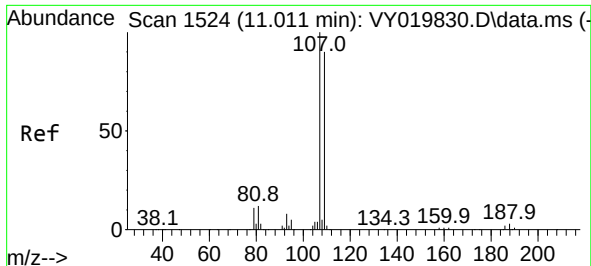
Tgt Ion: 43 Resp: 525572
Ion Ratio Lower Upper
43 100
58 52.6 31.4 94.0



#60
Dibromochloromethane
Concen: 56.398 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 129 Resp: 194666
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

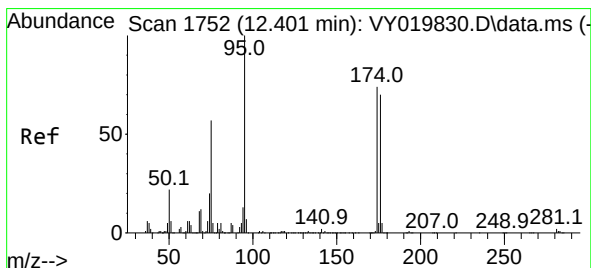
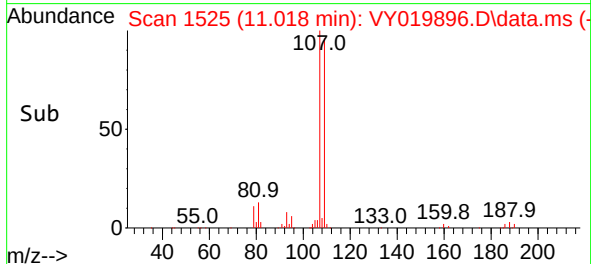
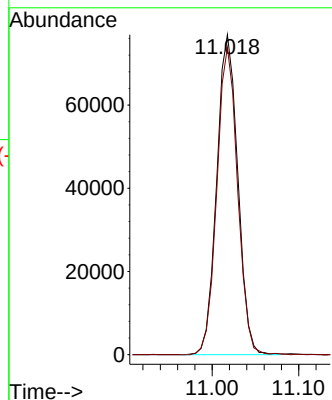
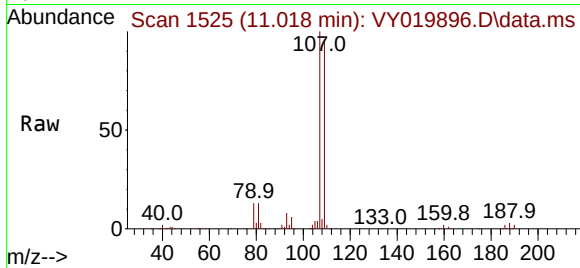




#61
1,2-Dibromoethane
Concen: 53.384 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

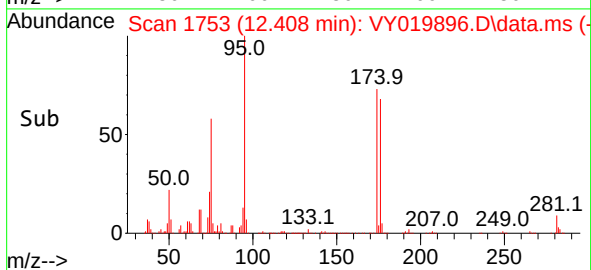
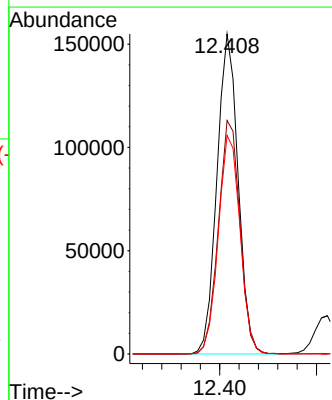
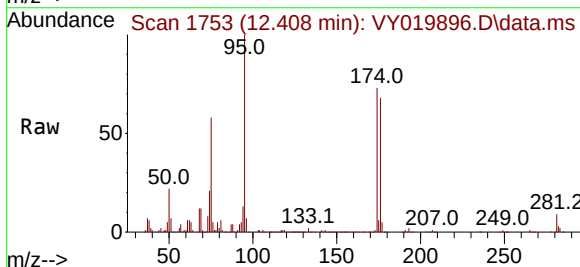
Instrument :
MSVOA_Y
ClientSampleId :

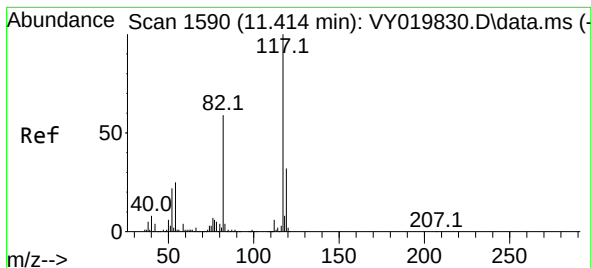
Tgt Ion:107 Resp: 129729
Ion Ratio Lower Upper
107 100
109 94.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.429 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 95 Resp: 234921
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 70.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

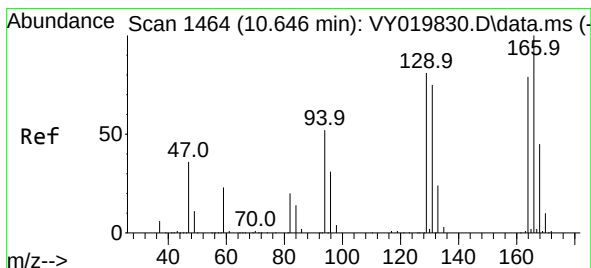
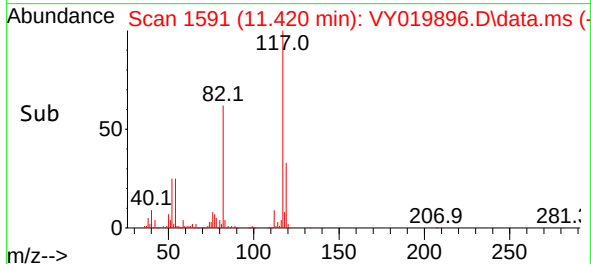
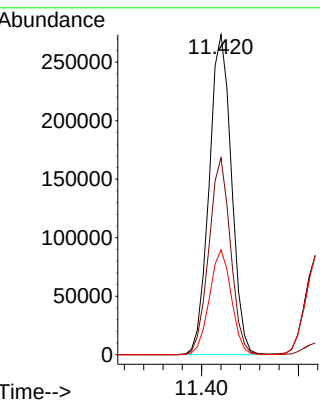
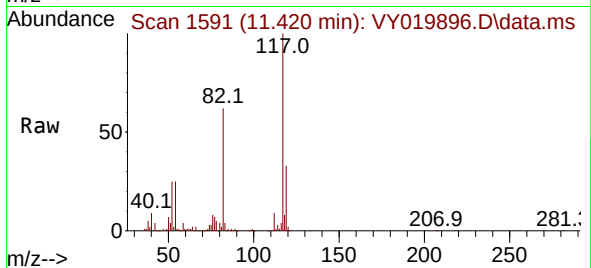
Tgt Ion:117 Resp: 437565

Ion Ratio Lower Upper

117 100

82 61.5 42.4 63.6

119 32.7 25.9 38.9



#64

Tetrachloroethene

Concen: 54.301 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Tgt Ion:164 Resp: 169002

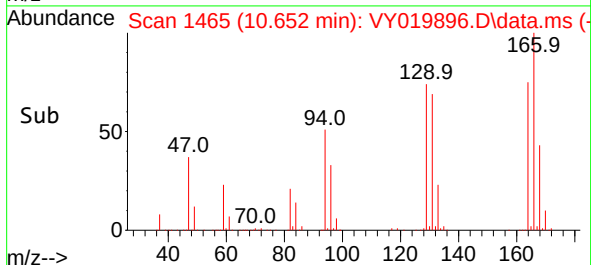
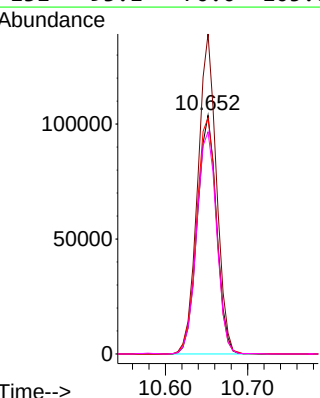
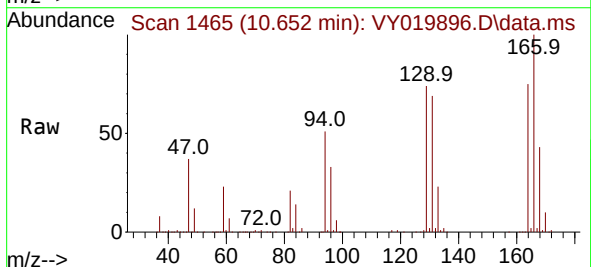
Ion Ratio Lower Upper

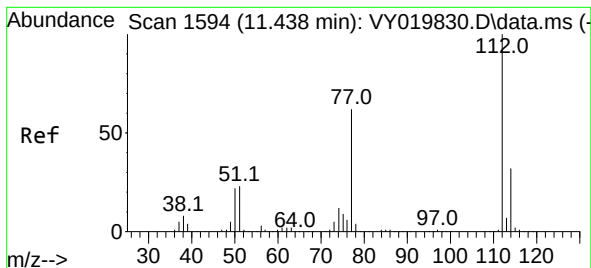
164 100

166 134.1 102.6 154.0

129 98.9 72.0 108.0

131 93.1 70.0 105.0

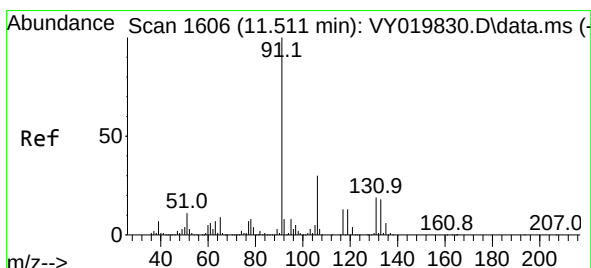
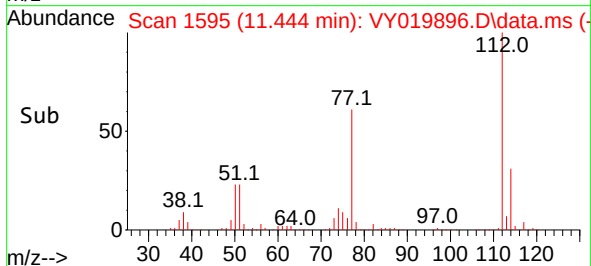
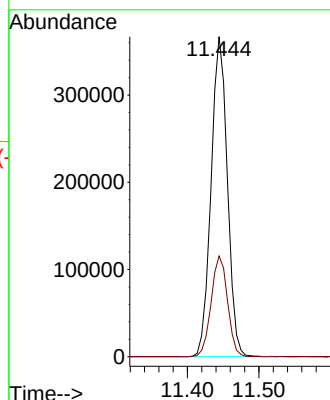
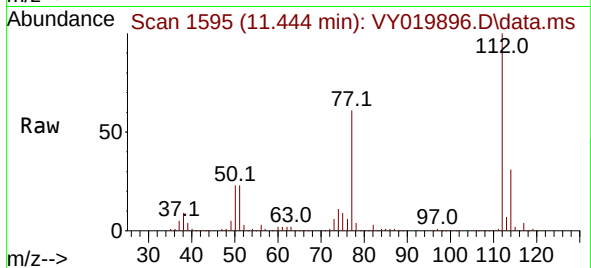




#65
Chlorobenzene
Concen: 57.899 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

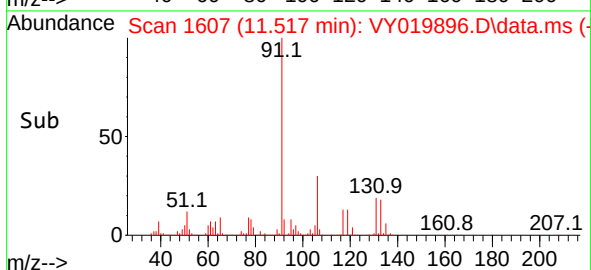
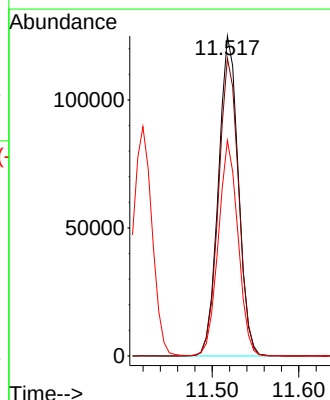
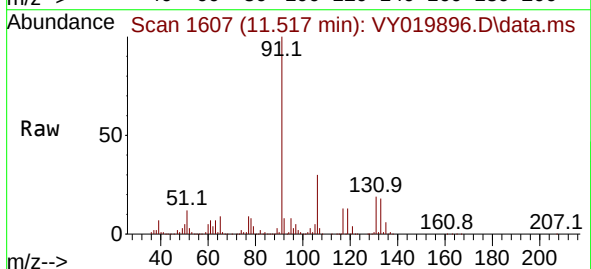
Instrument :
MSVOA_Y
ClientSampleId :

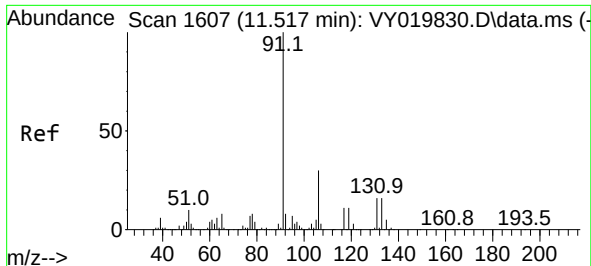
Tgt Ion:112 Resp: 579464
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 58.924 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion:131 Resp: 199524
Ion Ratio Lower Upper
131 100
133 94.0 47.8 143.3
119 66.6 34.1 102.2

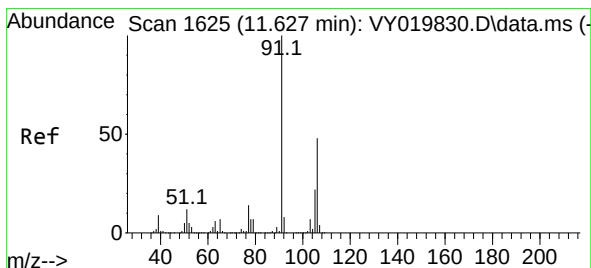
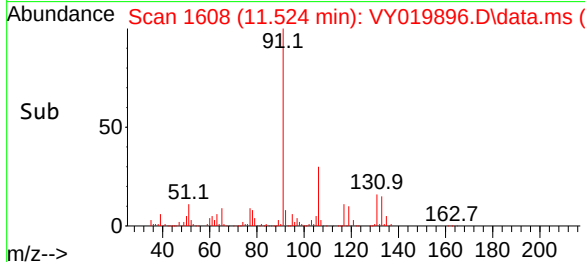
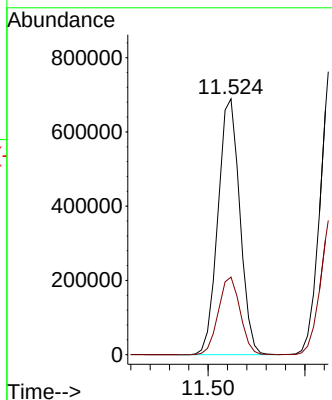
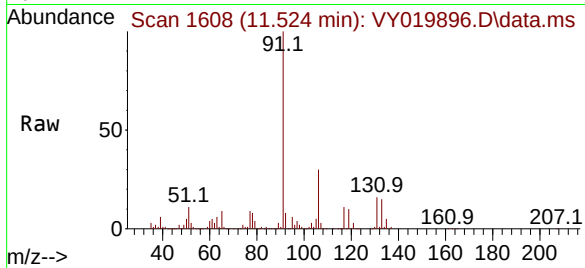




#67
Ethyl Benzene
Concen: 59.409 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

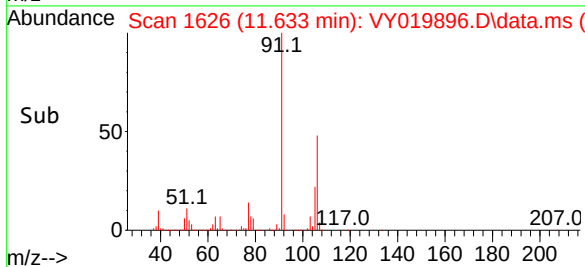
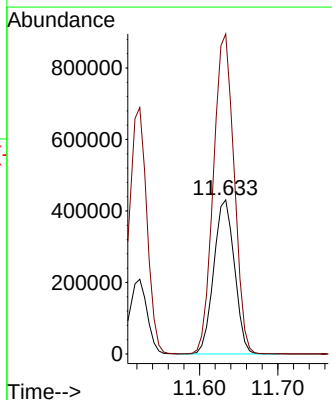
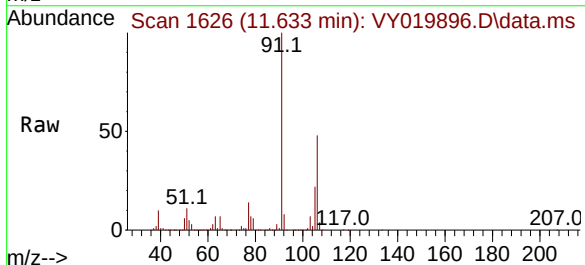
Instrument :
MSVOA_Y
ClientSampleId :

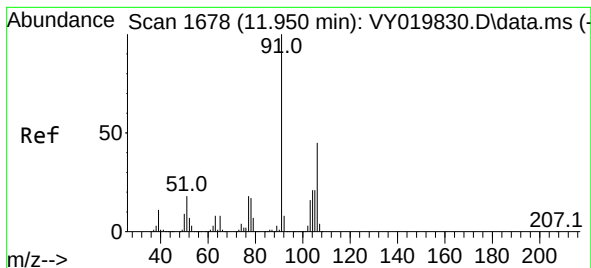
Tgt Ion: 91 Resp: 1080071
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7



#68
m/p-Xylenes
Concen: 117.908 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion:106 Resp: 791673
Ion Ratio Lower Upper
106 100
91 207.9 156.0 234.0





#69

o-Xylene

Concen: 58.654 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

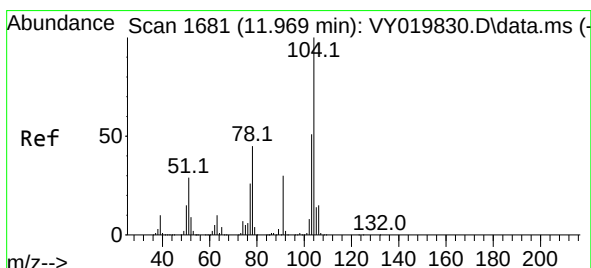
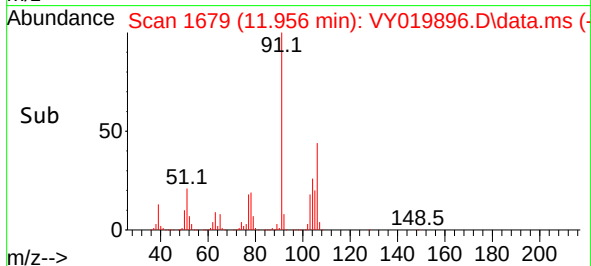
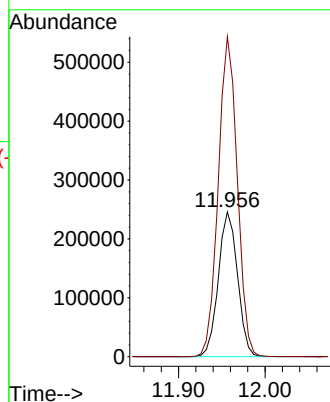
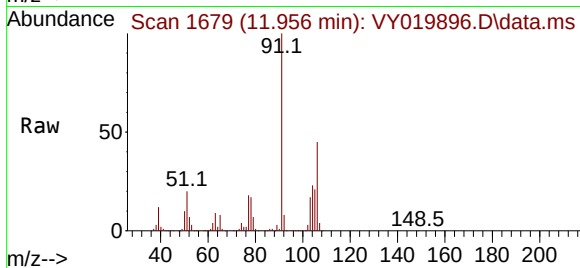
ClientSampleId :

Tgt Ion:106 Resp: 378387

Ion Ratio Lower Upper

106 100

91 219.6 103.6 310.8



#70

Styrene

Concen: 58.776 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

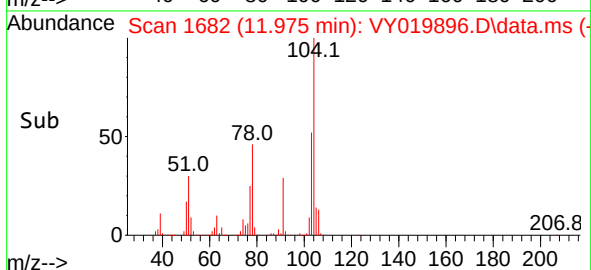
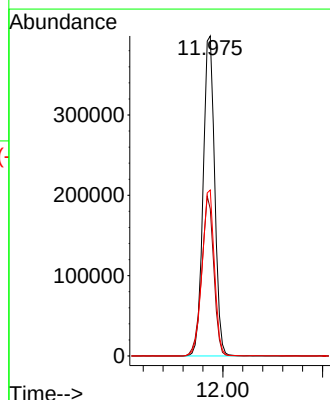
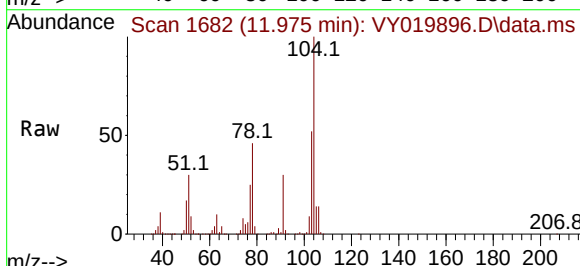
Tgt Ion:104 Resp: 639727

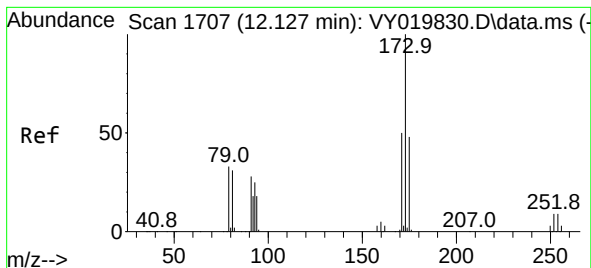
Ion Ratio Lower Upper

104 100

78 52.3 37.0 55.4

103 55.3 44.2 66.2





#71

Bromoform

Concen: 55.931 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

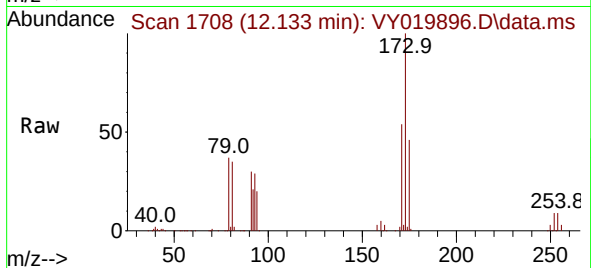
Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :



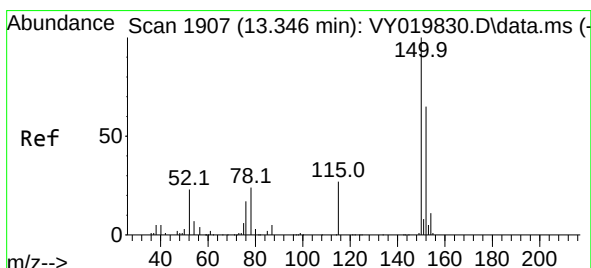
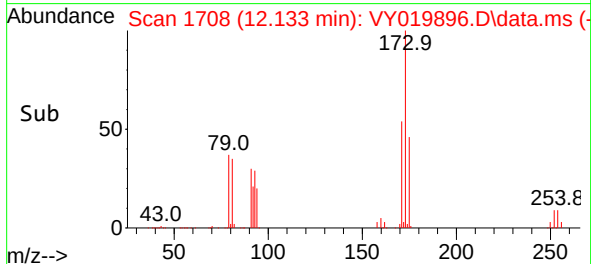
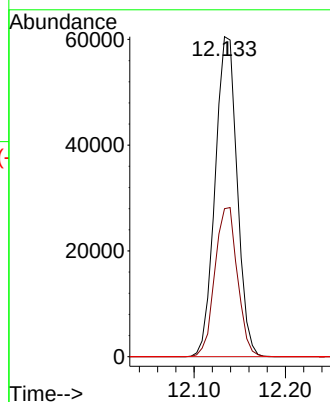
Tgt Ion:173 Resp: 101385

Ion Ratio Lower Upper

173 100

175 47.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

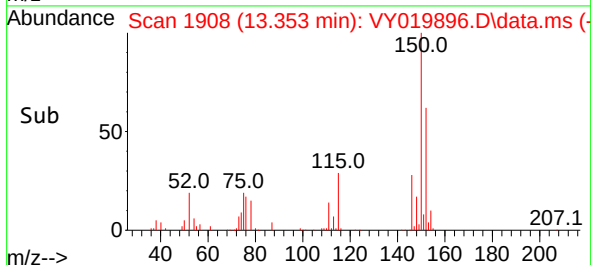
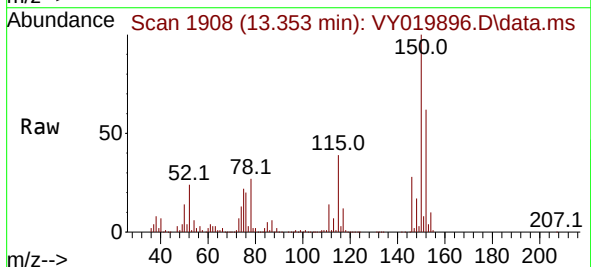
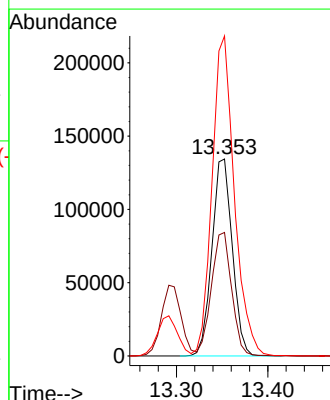
Tgt Ion:152 Resp: 208063

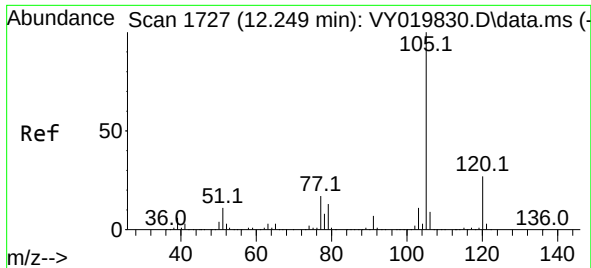
Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 177.7 0.0 345.6

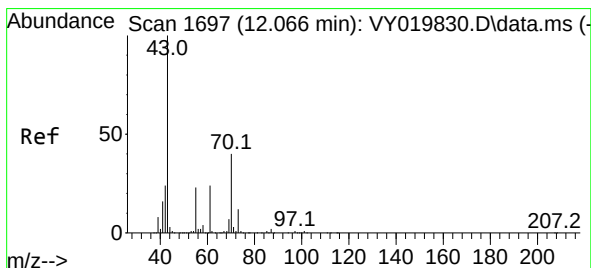
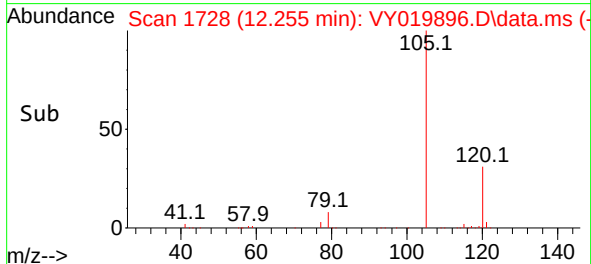
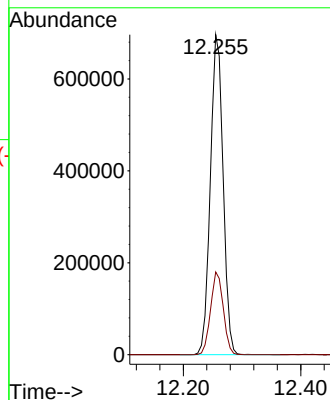
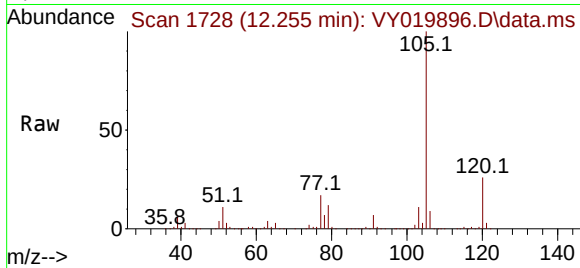




#73
Isopropylbenzene
Concen: 59.943 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

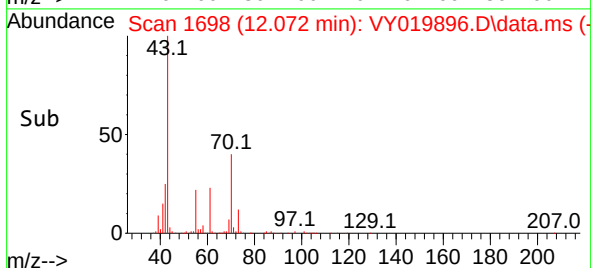
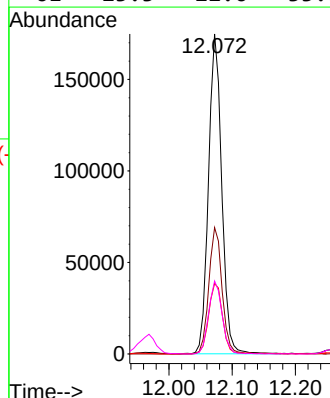
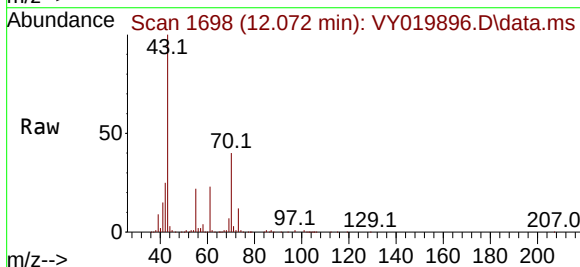
Instrument :
MSVOA_Y
ClientSampleId :

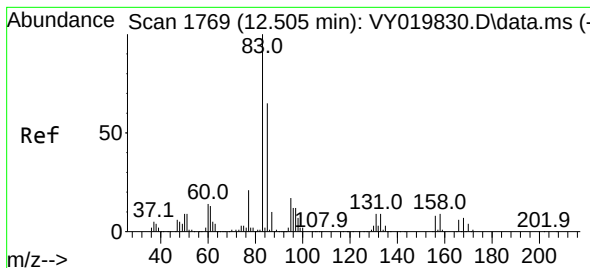
Tgt Ion:105 Resp: 1049048
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 54.927 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 43 Resp: 254600
Ion Ratio Lower Upper
43 100
70 39.8 41.4 62.2#
55 23.1 23.3 34.9#
61 23.3 22.6 33.8

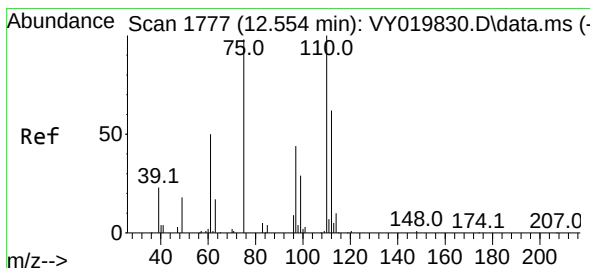
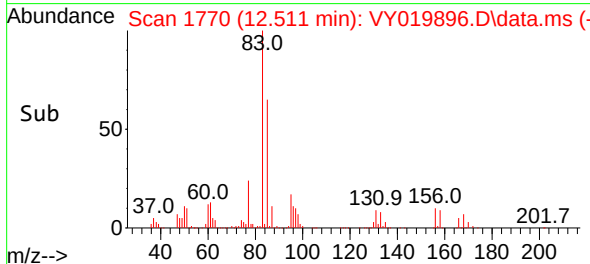
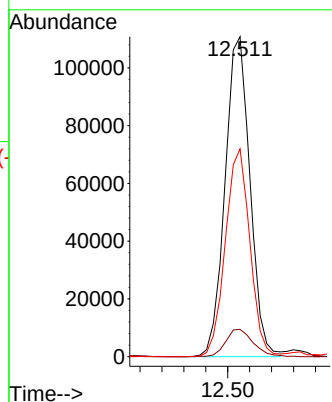
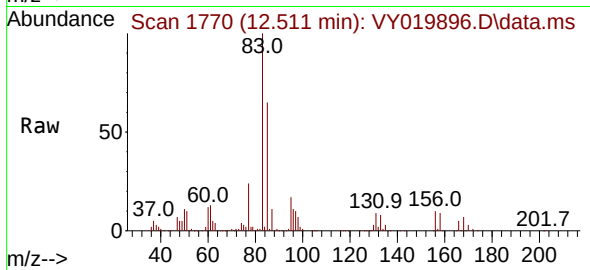




#75
1,1,2,2-Tetrachloroethane
Concen: 56.265 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

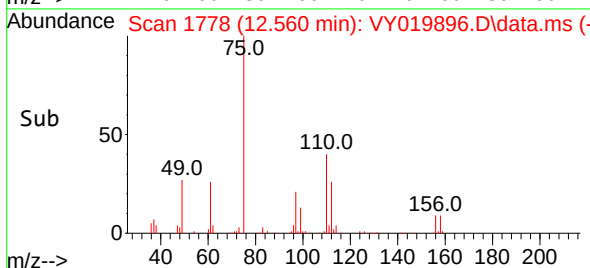
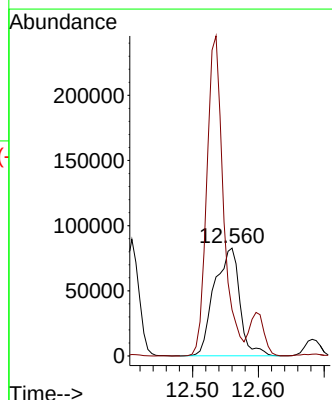
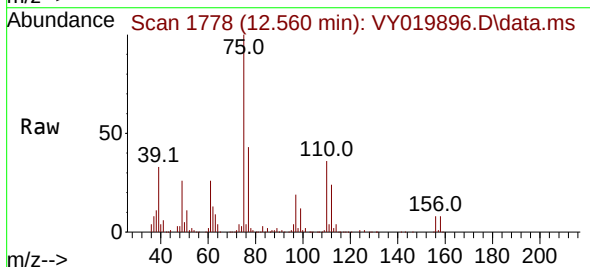
Instrument :
MSVOA_Y
ClientSampleId :

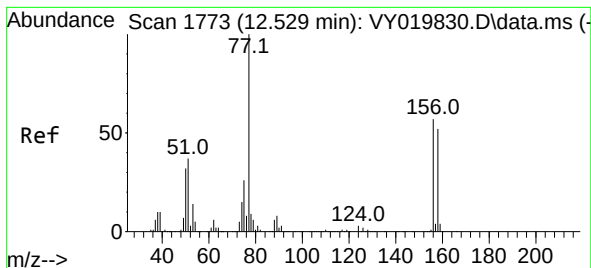
Tgt Ion: 83 Resp: 174968
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 63.9 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 54.575 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 75 Resp: 222445
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.416 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

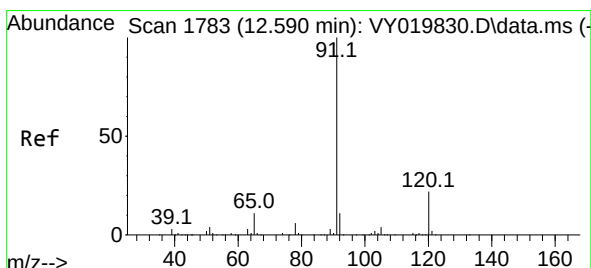
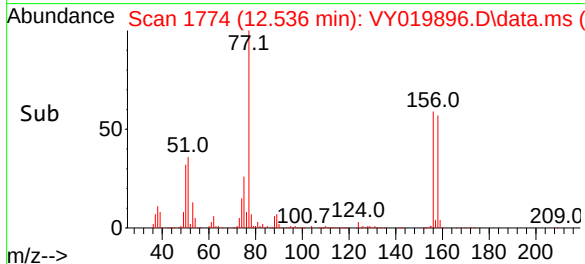
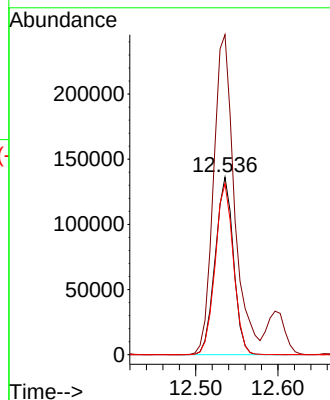
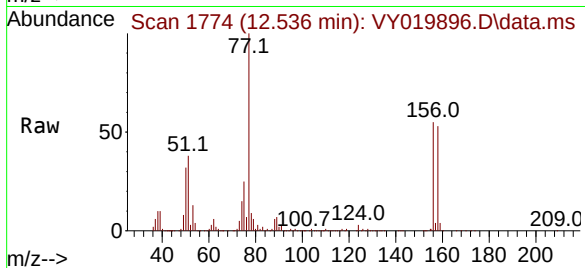
Tgt Ion:156 Resp: 209516

Ion Ratio Lower Upper

156 100

77 207.1 87.1 261.3

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 60.360 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019896.D

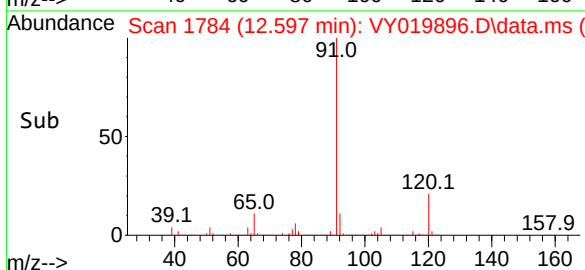
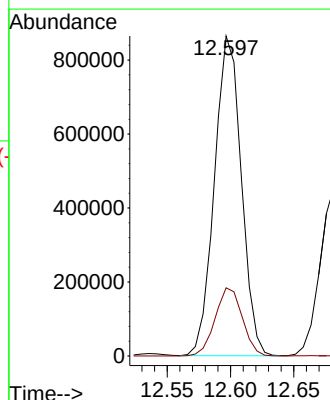
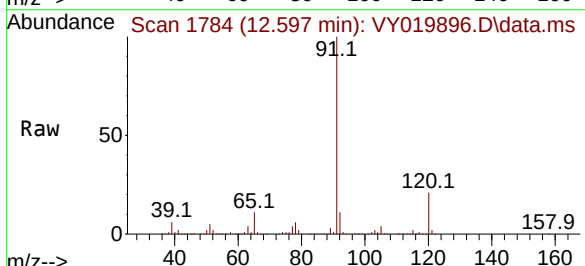
Acq: 15 Oct 2024 10:44

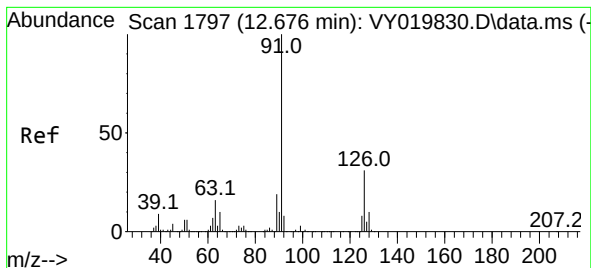
Tgt Ion: 91 Resp: 1276406

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 58.645 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

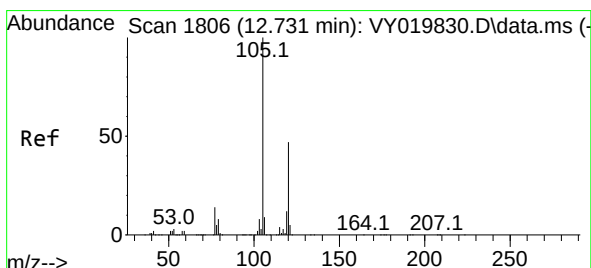
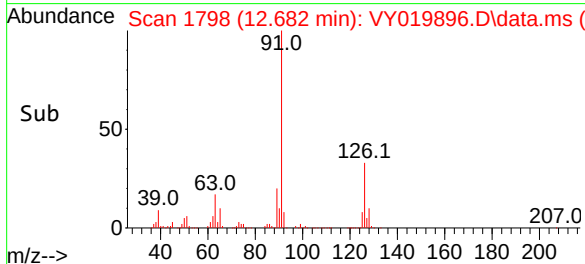
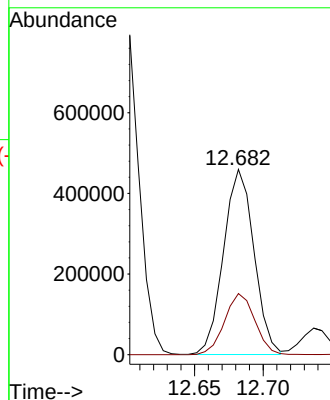
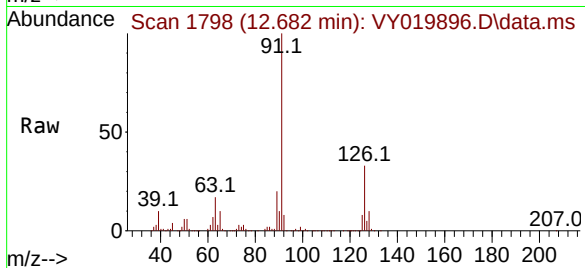
ClientSampleId :

Tgt Ion: 91 Resp: 710975

Ion Ratio Lower Upper

91 100

126 32.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 58.698 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019896.D

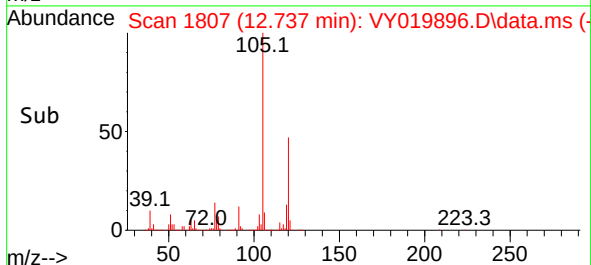
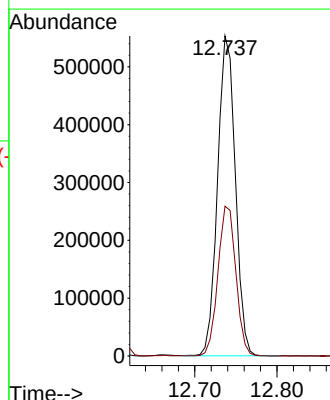
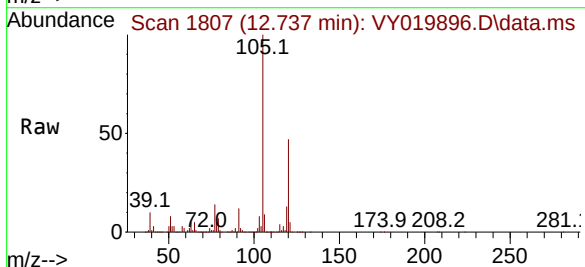
Acq: 15 Oct 2024 10:44

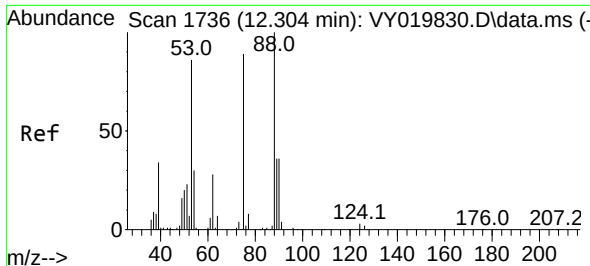
Tgt Ion:105 Resp: 829612

Ion Ratio Lower Upper

105 100

120 47.4 25.1 75.2

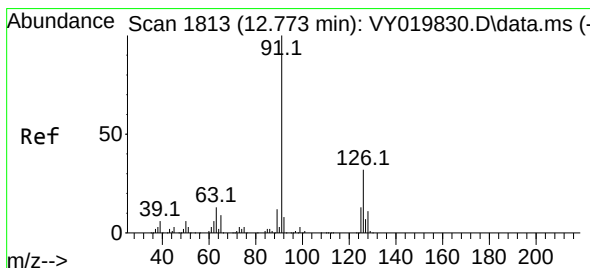
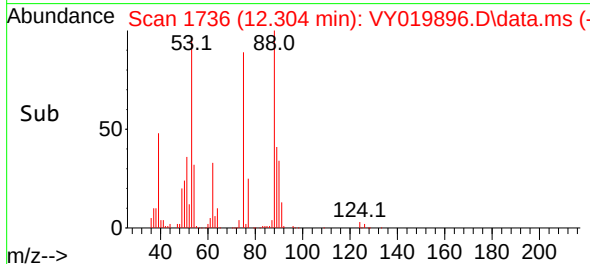
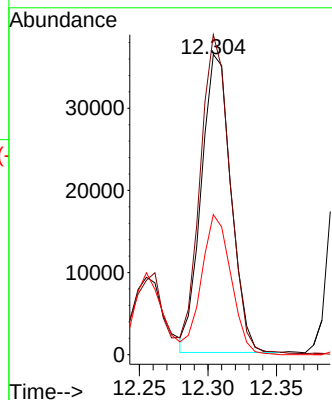
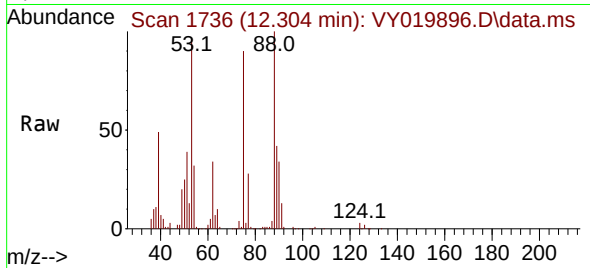




#81
trans-1,4-Dichloro-2-butene
Concen: 54.276 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

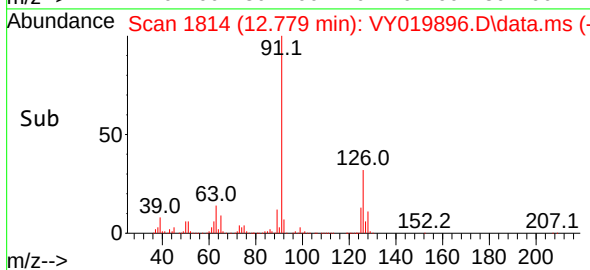
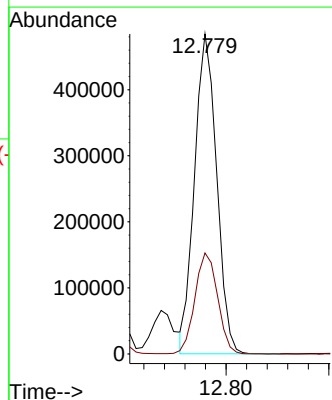
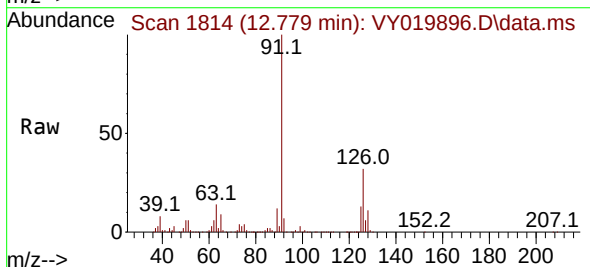
Instrument :
MSVOA_Y
ClientSampleId :

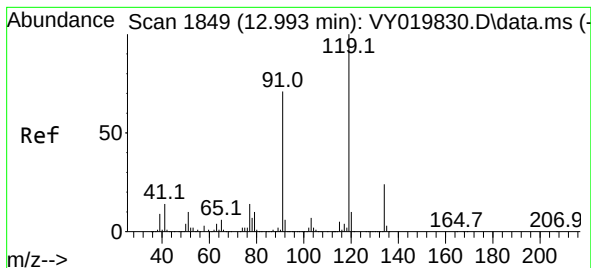
Tgt Ion: 75 Resp: 54808
Ion Ratio Lower Upper
75 100
53 108.8 66.8 100.2#
89 46.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 58.334 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019896.D
Acq: 15 Oct 2024 10:44

Tgt Ion: 91 Resp: 723107
Ion Ratio Lower Upper
91 100
126 32.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 59.607 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

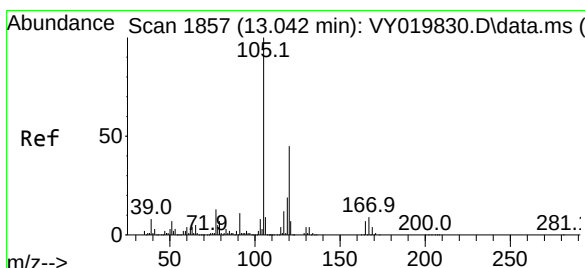
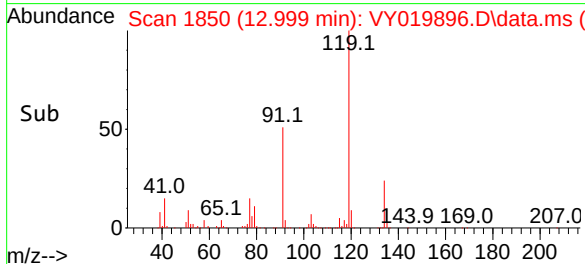
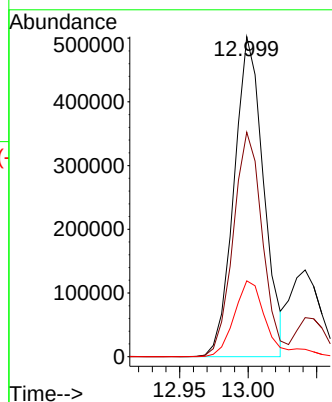
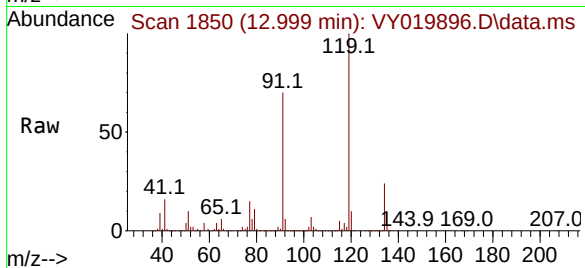
Tgt Ion:119 Resp: 754714

Ion Ratio Lower Upper

119 100

91 69.6 31.3 93.8

134 26.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 59.279 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY019896.D

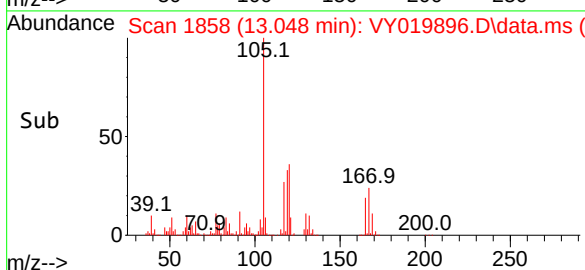
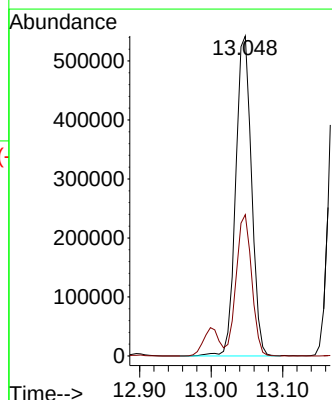
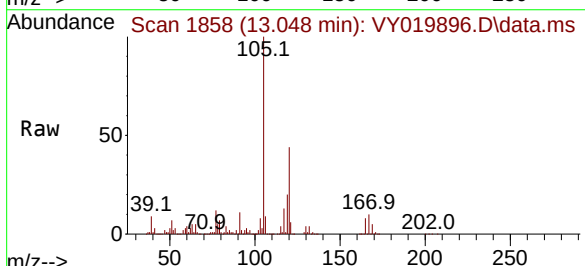
Acq: 15 Oct 2024 10:44

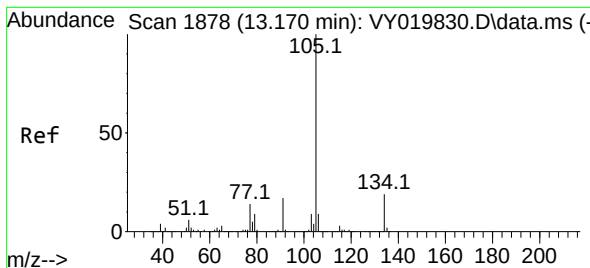
Tgt Ion:105 Resp: 830649

Ion Ratio Lower Upper

105 100

120 43.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 60.680 ug/l

RT: 13.176 min Scan# 1147892

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

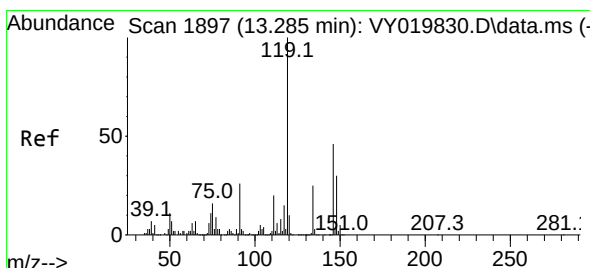
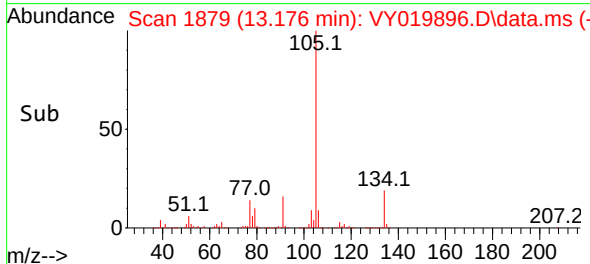
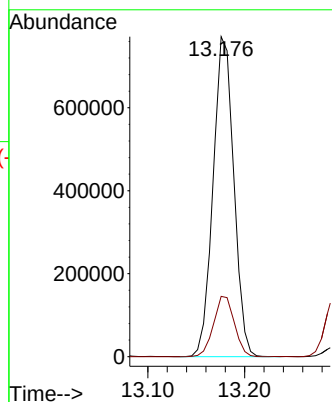
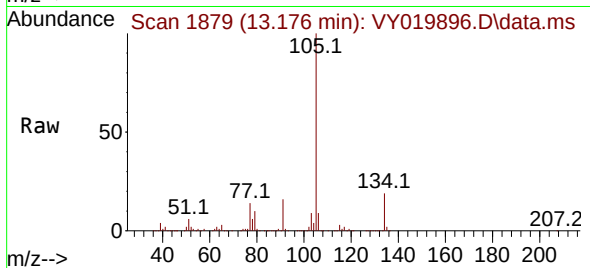
ClientSampleId :

Tgt Ion:105 Resp: 1147892

Ion Ratio Lower Upper

105 100

134 19.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 59.476 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

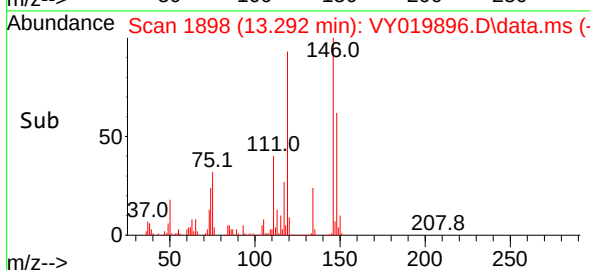
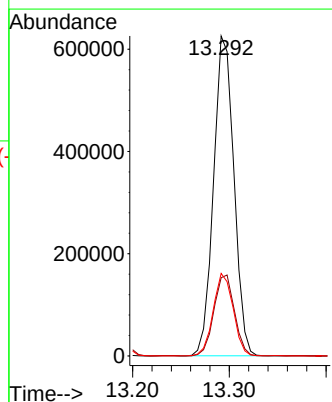
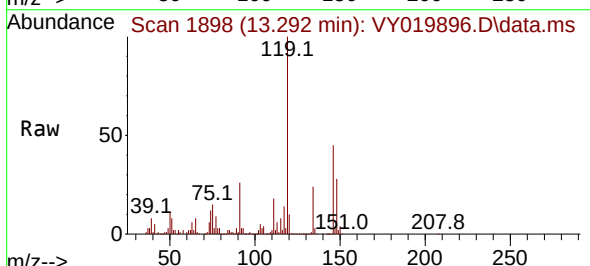
Tgt Ion:119 Resp: 913626

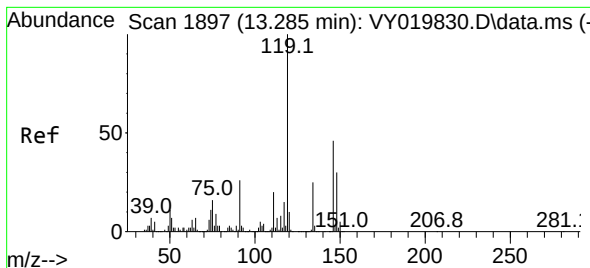
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 25.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 57.145 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

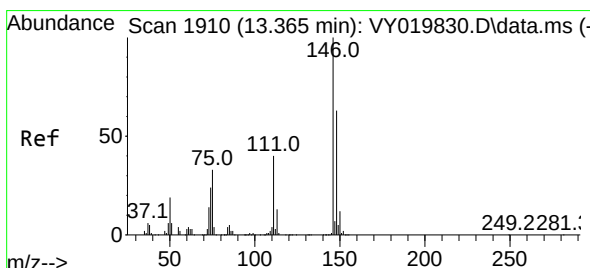
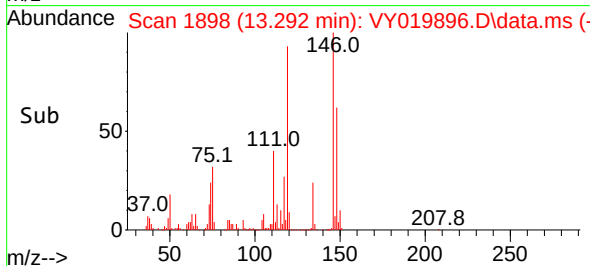
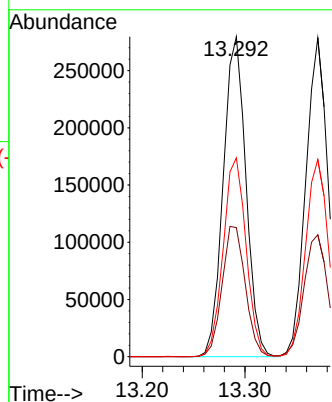
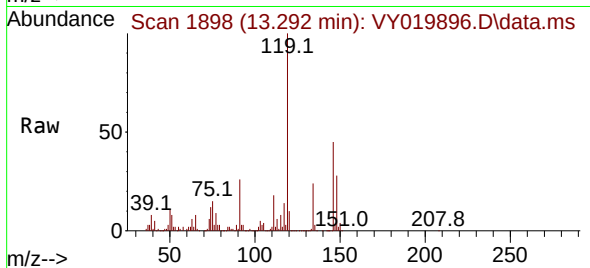
Tgt Ion:146 Resp: 428573

Ion Ratio Lower Upper

146 100

111 41.7 19.0 57.0

148 62.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 56.538 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

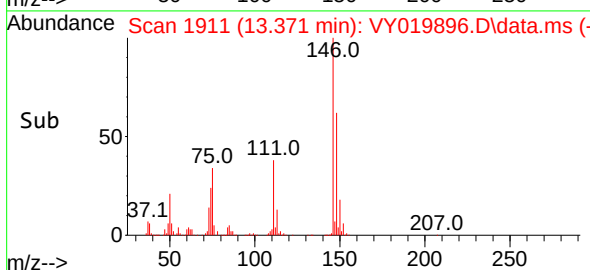
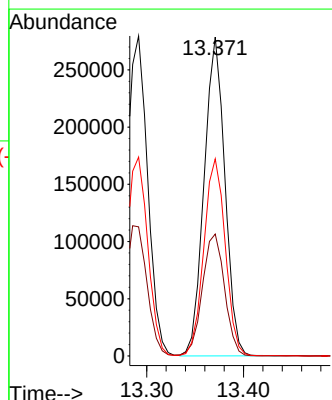
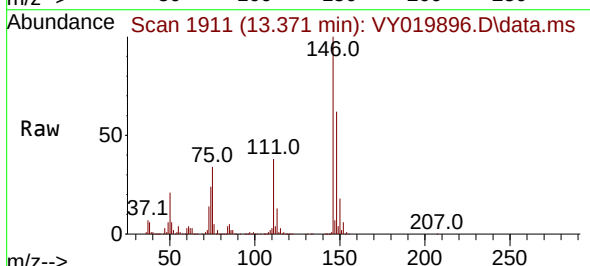
Tgt Ion:146 Resp: 416563

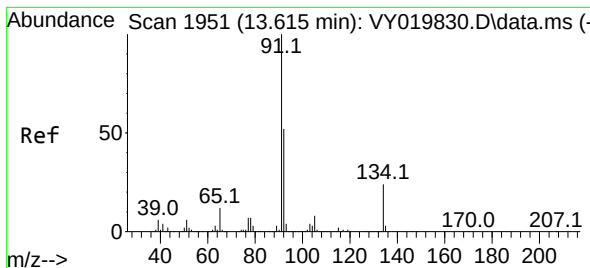
Ion Ratio Lower Upper

146 100

111 40.9 18.4 55.4

148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 61.470 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

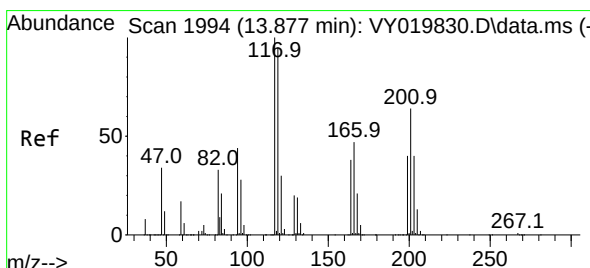
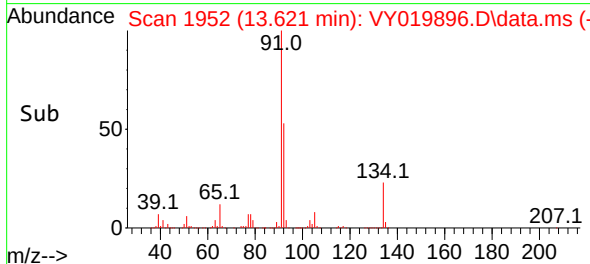
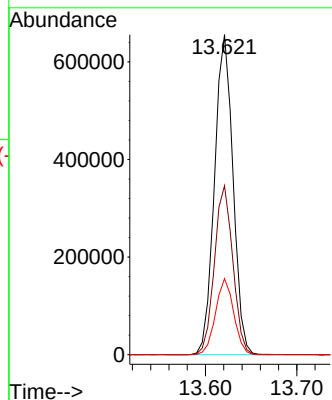
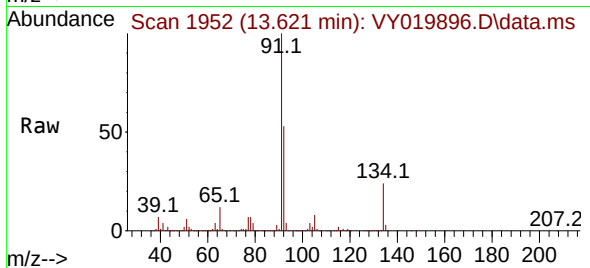
Tgt Ion: 91 Resp: 922015

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 23.4 12.9 38.7



#90

Hexachloroethane

Concen: 59.202 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019896.D

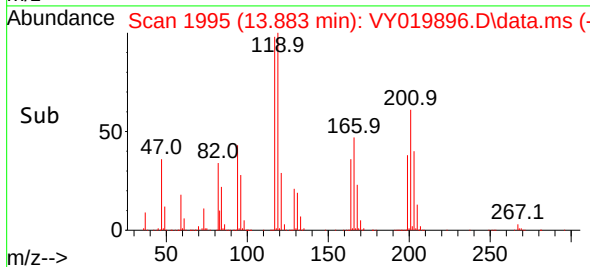
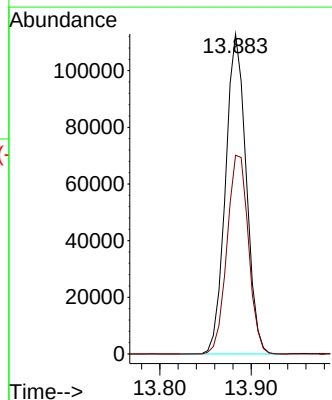
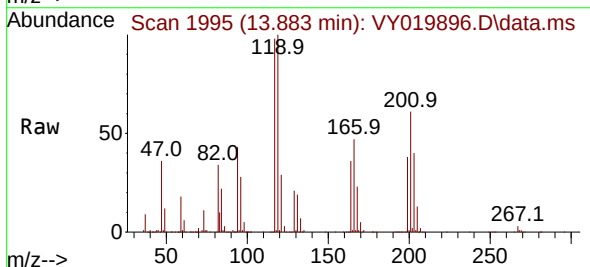
Acq: 15 Oct 2024 10:44

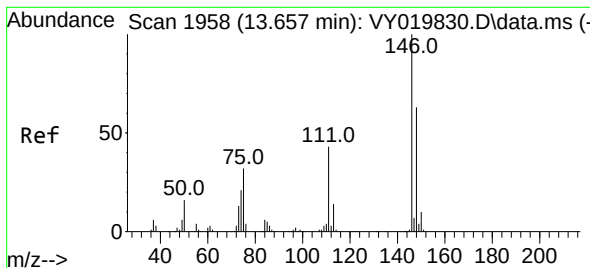
Tgt Ion: 117 Resp: 177081

Ion Ratio Lower Upper

117 100

201 64.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 56.132 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

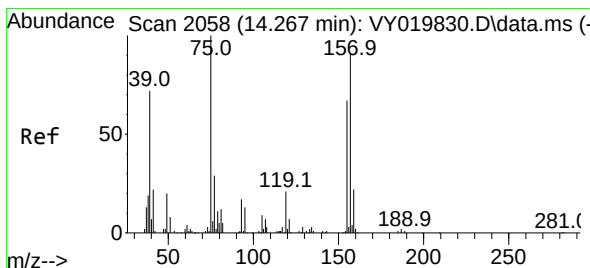
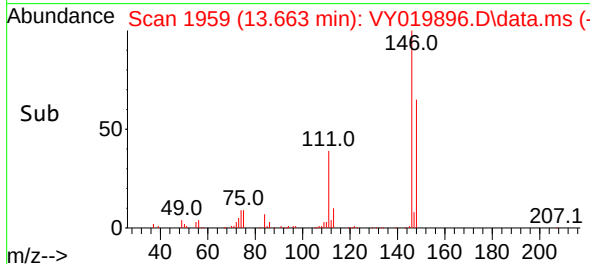
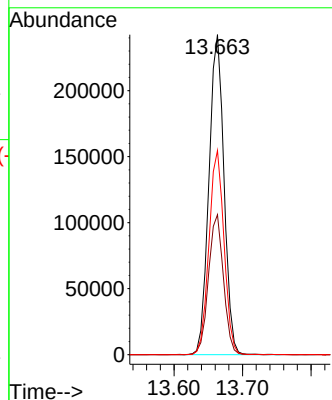
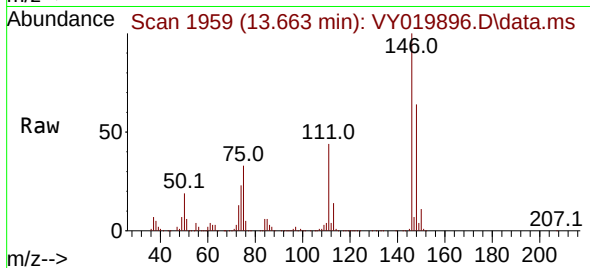
Tgt Ion:146 Resp: 369898

Ion Ratio Lower Upper

146 100

111 43.7 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.941 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

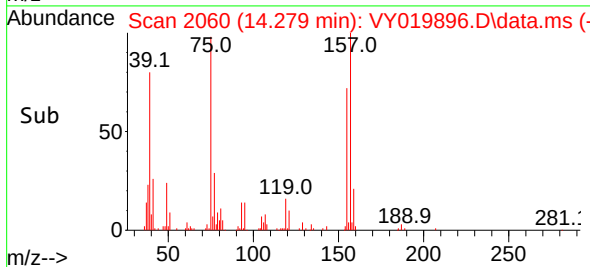
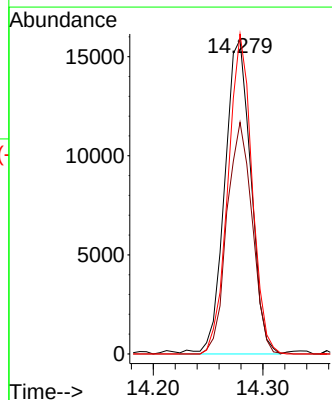
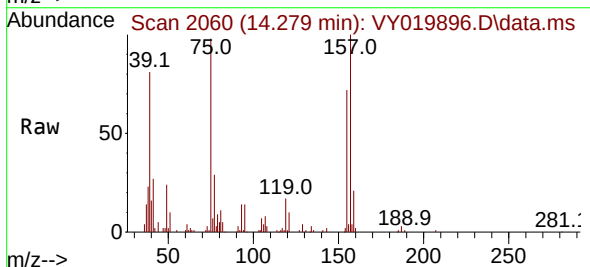
Tgt Ion: 75 Resp: 26274

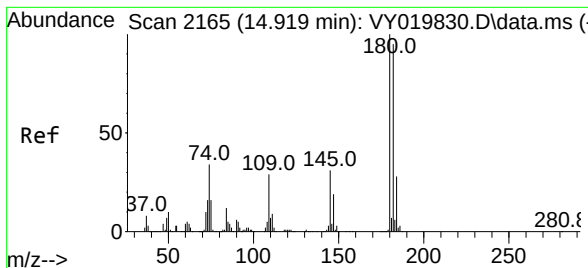
Ion Ratio Lower Upper

75 100

155 71.4 48.6 145.8

157 93.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 55.086 ug/l

RT: 14.925 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

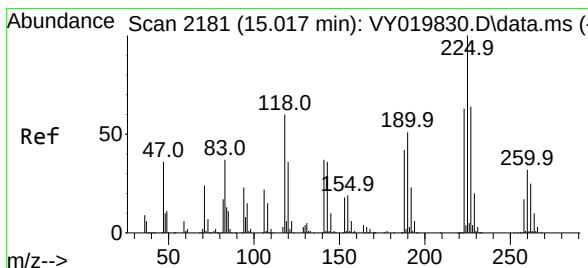
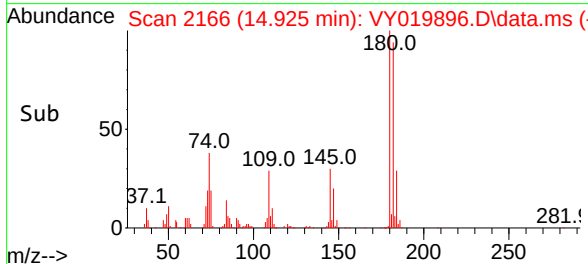
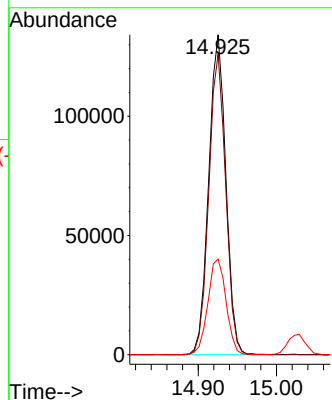
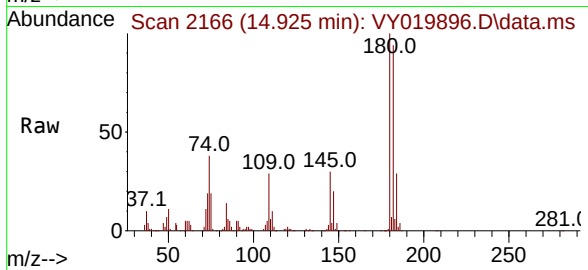
Tgt Ion:180 Resp: 203546

Ion Ratio Lower Upper

180 100

182 92.5 47.9 143.8

145 31.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 55.412 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

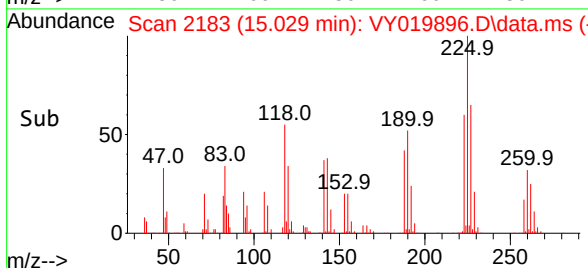
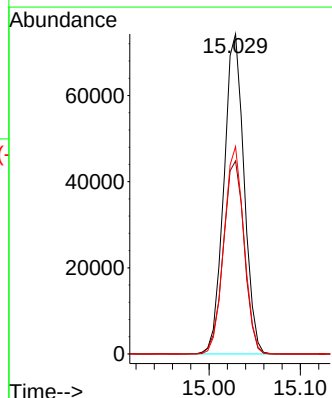
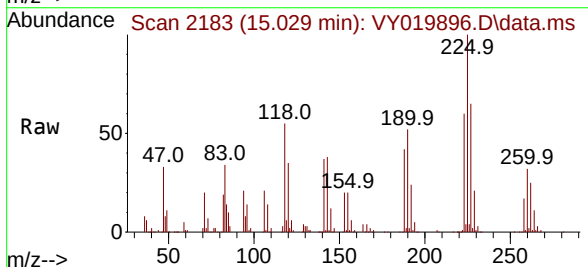
Tgt Ion:225 Resp: 113834

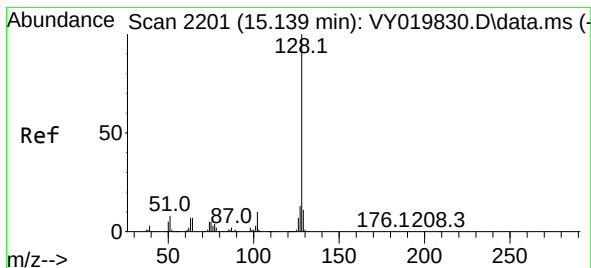
Ion Ratio Lower Upper

225 100

223 62.4 30.4 91.2

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 54.169 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

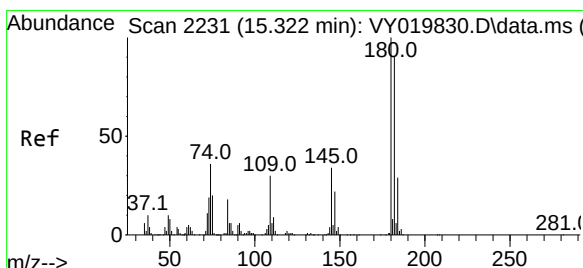
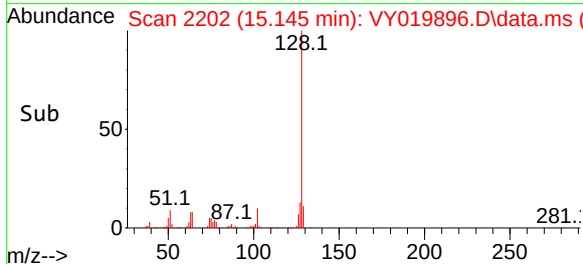
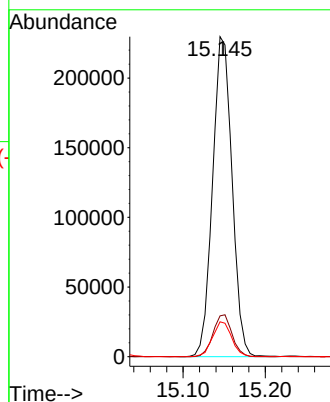
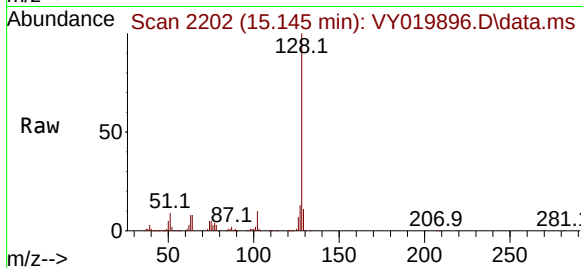
Tgt Ion:128 Resp: 377510

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.451 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019896.D

Acq: 15 Oct 2024 10:44

Tgt Ion:180 Resp: 163833

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.9

145 35.3 15.4 46.1

