

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019943.D
 Acq On : 18 Oct 2024 11:08
 Operator : SY/MD
 Sample : VY1018SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 23:28:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	231885	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	404964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	347676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	166740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	154807	54.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.440%	
35) Dibromofluoromethane	7.640	113	147127	55.056	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.120%	
50) Toluene-d8	10.109	98	533754	54.087	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	12.407	95	191423	53.683	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 107.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	39730	18.405	ug/l	98
3) Chloromethane	2.074	50	56935	20.265	ug/l	99
4) Vinyl Chloride	2.208	62	62949	20.361	ug/l	99
5) Bromomethane	2.598	94	41886	21.404	ug/l	98
6) Chloroethane	2.738	64	45924	22.111	ug/l	97
7) Trichlorofluoromethane	3.062	101	95962	20.859	ug/l	98
8) Diethyl Ether	3.458	74	28384	20.301	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.817	101	59490	22.232	ug/l	91
10) Methyl Iodide	4.013	142	48168	17.798	ug/l	90
11) Tert butyl alcohol	4.866	59	24134	93.333	ug/l #	96
12) 1,1-Dichloroethene	3.793	96	48605	19.538	ug/l #	79
13) Acrolein	3.665	56	20017	95.410	ug/l	99
14) Allyl chloride	4.391	41	92736	20.661	ug/l #	90
15) Acrylonitrile	5.067	53	69271	108.318	ug/l	98
16) Acetone	3.878	43	79722	107.261	ug/l #	82
17) Carbon Disulfide	4.110	76	106553	15.980	ug/l	97
18) Methyl Acetate	4.391	43	32273	20.157	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	146186	20.455	ug/l #	90
20) Methylene Chloride	4.622	84	59118	21.060	ug/l #	83
21) trans-1,2-Dichloroethene	5.116	96	53923	19.916	ug/l #	84
22) Diisopropyl ether	6.024	45	221670	22.673	ug/l #	89
23) Vinyl Acetate	5.963	43	591179	105.476	ug/l #	88
24) 1,1-Dichloroethane	5.915	63	119538	21.995	ug/l	96
25) 2-Butanone	6.896	43	106922	107.474	ug/l #	85
26) 2,2-Dichloropropane	6.890	77	98788	20.411	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	69623	20.808	ug/l	80
28) Bromochloromethane	7.244	49	56169	23.481	ug/l #	72
29) Tetrahydrofuran	7.262	42	59096	104.034	ug/l #	82
30) Chloroform	7.420	83	121489	21.929	ug/l	99
31) Cyclohexane	7.707	56	93034	19.501	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	102255	21.061	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	81165	21.082	ug/l	94
37) Ethyl Acetate	6.988	43	43251	21.545	ug/l	97
38) Carbon Tetrachloride	7.823	117	88268	21.387	ug/l	97
39) Methylcyclohexane	9.109	83	92936	19.158	ug/l #	86
40) Benzene	8.079	78	245419	21.063	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	23394	21.531	ug/l #	84
42) 1,2-Dichloroethane	8.164	62	74978	22.399	ug/l	94
43) Isopropyl Acetate	8.201	43	85282	20.830	ug/l #	77
44) Trichloroethene	8.865	130	58650	20.783	ug/l	95
45) 1,2-Dichloropropane	9.140	63	64073	21.971	ug/l	99
46) Dibromomethane	9.231	93	32449	20.365	ug/l	90
47) Bromodichloromethane	9.420	83	94502	22.345	ug/l	97
48) Methyl methacrylate	9.225	41	37294	20.708	ug/l	82
49) 1,4-Dioxane	9.231	88	7031	394.264	ug/l #	79
51) 4-Methyl-2-Pentanone	9.999	43	226925	108.667	ug/l	89
52) Toluene	10.170	92	152781	21.007	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	76814	20.186	ug/l	93
54) cis-1,3-Dichloropropene	9.859	75	93977	20.930	ug/l #	85
55) 1,1,2-Trichloroethane	10.572	97	44439	21.169	ug/l	96
56) Ethyl methacrylate	10.438	69	61351	20.367	ug/l #	71
57) 1,3-Dichloropropane	10.719	76	79843	21.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	148640	105.999	ug/l	93
59) 2-Hexanone	10.761	43	162877	109.203	ug/l	85
60) Dibromochloromethane	10.908	129	55514	20.603	ug/l	100
61) 1,2-Dibromoethane	11.011	107	39320	20.728	ug/l	97
64) Tetrachloroethene	10.646	164	48448	19.591	ug/l	92
65) Chlorobenzene	11.444	112	166856	20.982	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	56242	20.904	ug/l	97
67) Ethyl Benzene	11.517	91	304186	21.058	ug/l	98
68) m/p-Xylenes	11.627	106	221528	41.523	ug/l	90
69) o-Xylene	11.956	106	106878	20.851	ug/l	91
70) Styrene	11.968	104	182503	21.103	ug/l	96
71) Bromoform	12.133	173	28594	19.853	ug/l #	97
73) Isopropylbenzene	12.255	105	294595	21.005	ug/l	98
74) N-amyl acetate	12.072	43	76480	20.589	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	54586	21.904	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	67286	20.599	ug/l #	100
77) Bromobenzene	12.529	156	59749	20.076	ug/l	83
78) n-propylbenzene	12.596	91	369231	21.788	ug/l	97
79) 2-Chlorotoluene	12.676	91	205485	21.150	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	233686	20.632	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	15462	19.107	ug/l #	82
82) 4-Chlorotoluene	12.779	91	213627	21.505	ug/l	93
83) tert-Butylbenzene	12.999	119	217965	21.481	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	238777	21.263	ug/l	95
85) sec-Butylbenzene	13.176	105	327291	21.589	ug/l	98
86) p-Isopropyltoluene	13.291	119	258728	21.017	ug/l	94
87) 1,3-Dichlorobenzene	13.285	146	122421	20.369	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	121374	20.556	ug/l	95
89) n-Butylbenzene	13.614	91	257688	21.437	ug/l	98
90) Hexachloroethane	13.883	117	50332	20.997	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	108061	20.462	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7998	20.110	ug/l	71
93) 1,2,4-Trichlorobenzene	14.919	180	55156	18.626	ug/l	98
94) Hexachlorobutadiene	15.023	225	30949	18.799	ug/l	97
95) Naphthalene	15.145	128	102113	18.283	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	46488	18.571	ug/l	97

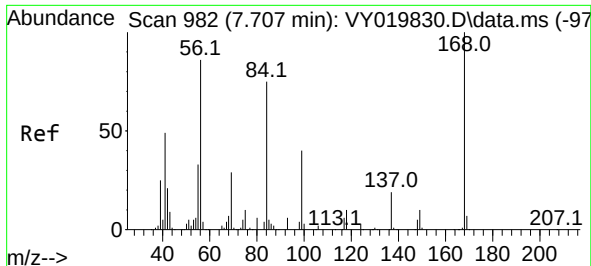
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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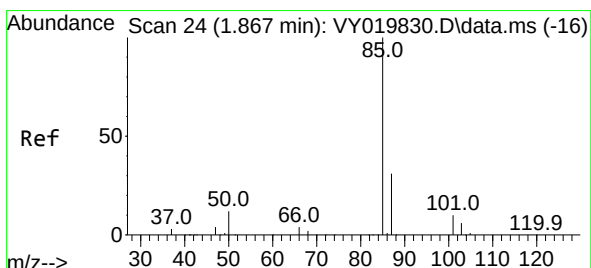
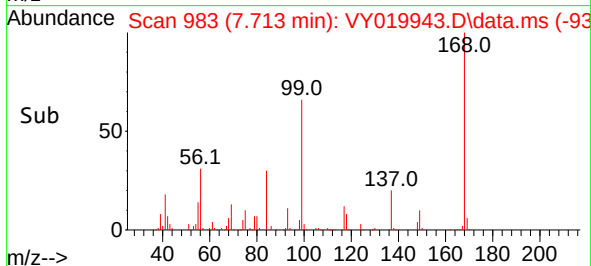
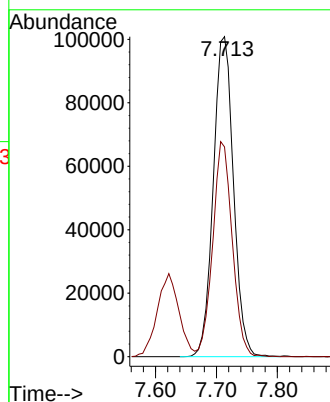
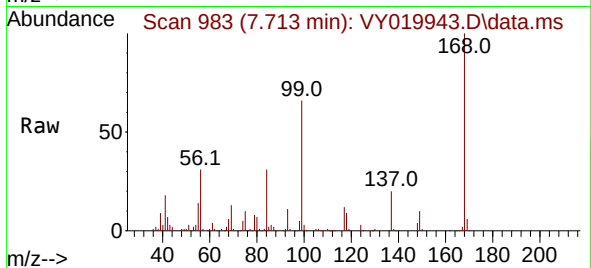
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019943.D
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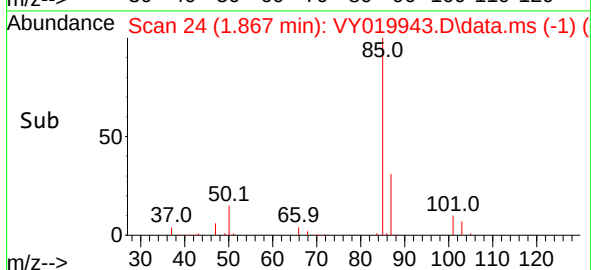
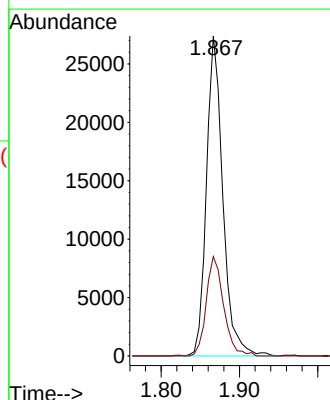
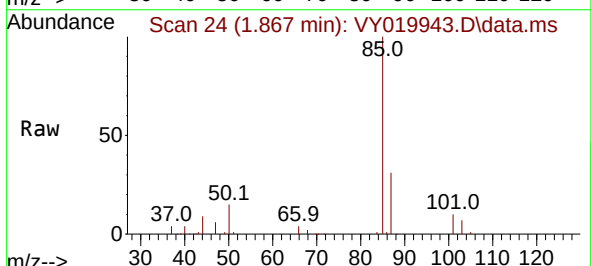
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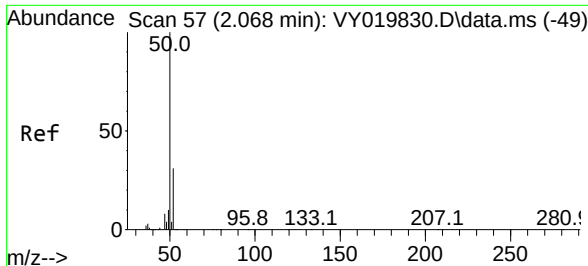
Tgt Ion:168 Resp: 231885
Ion Ratio Lower Upper
168 100
99 65.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 18.405 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 85 Resp: 39730
Ion Ratio Lower Upper
85 100
87 31.0 16.0 48.0

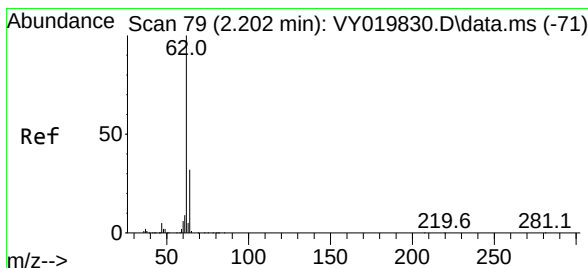
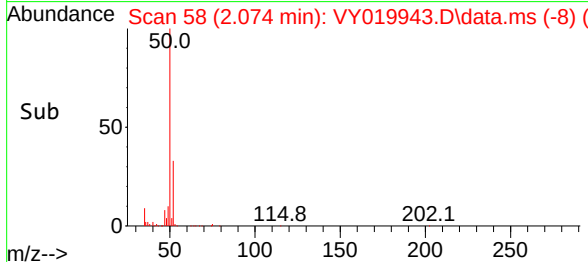
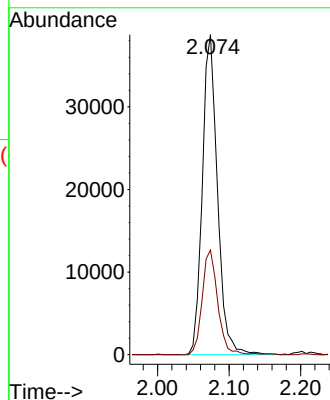
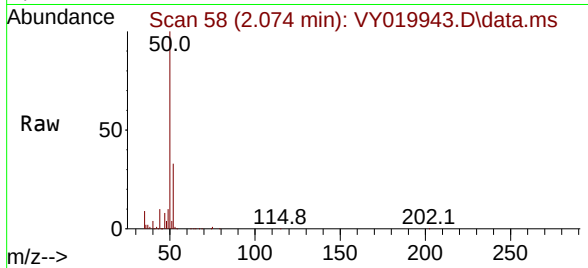




#3
Chloromethane
Concen: 20.265 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

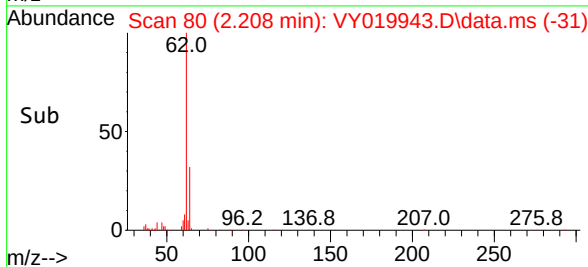
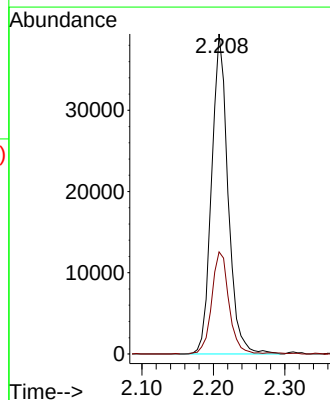
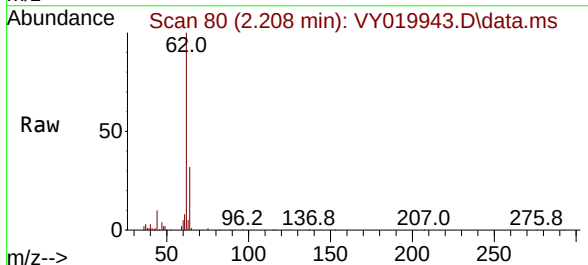
Instrument :
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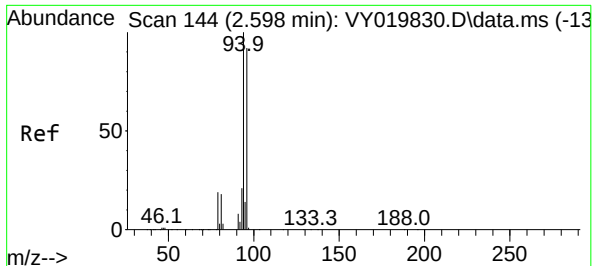
Tgt Ion: 50 Resp: 56935
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 20.361 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 62 Resp: 62949
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1

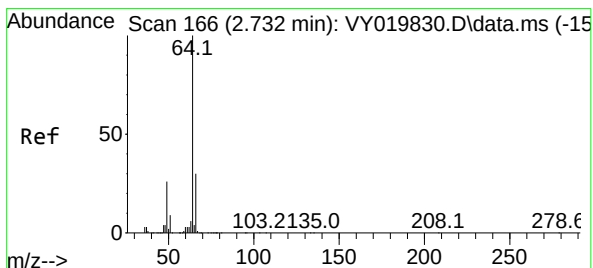
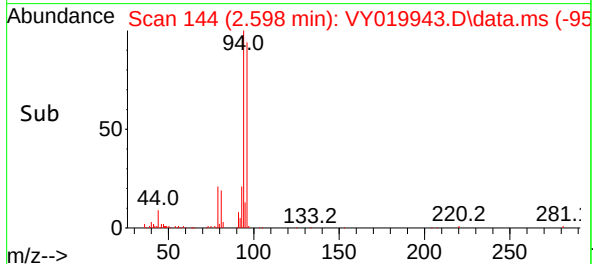
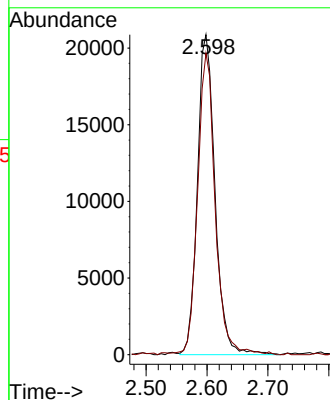
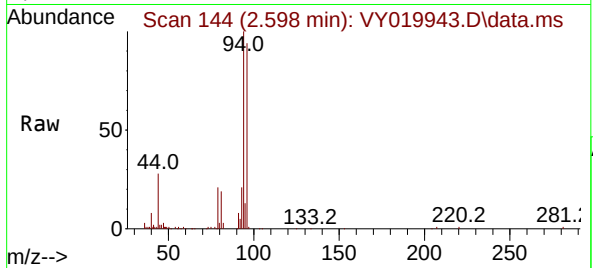




#5
Bromomethane
Concen: 21.404 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

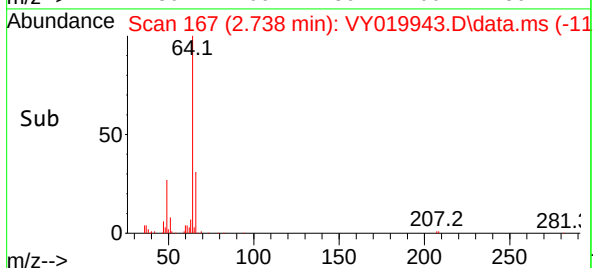
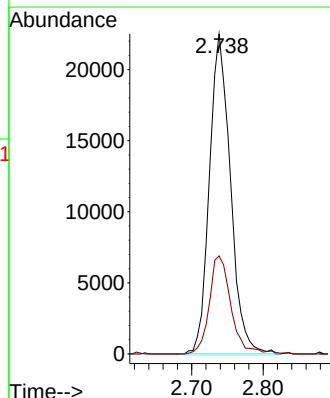
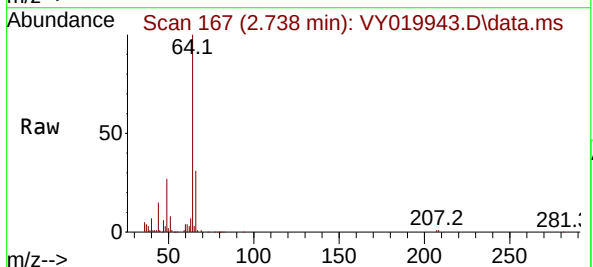
Instrument :
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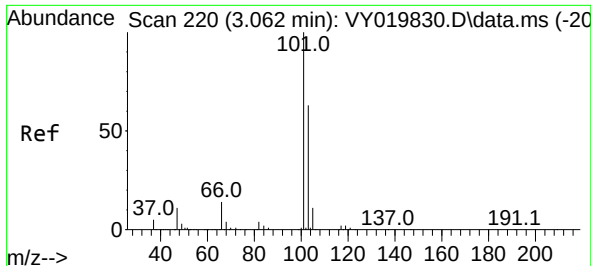
Tgt Ion: 94 Resp: 41886
Ion Ratio Lower Upper
94 100
96 94.1 74.1 111.1



#6
Chloroethane
Concen: 22.111 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 64 Resp: 45924
Ion Ratio Lower Upper
64 100
66 30.7 26.1 39.1

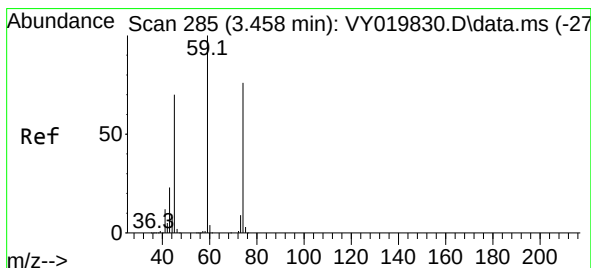
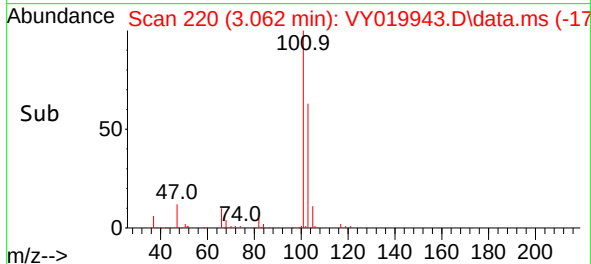
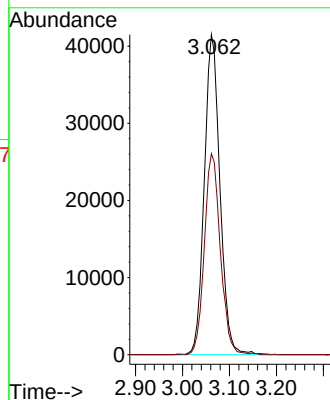
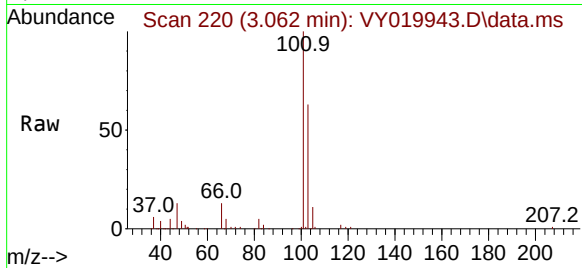




#7
 Trichlorofluoromethane
 Concen: 20.859 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019943.D
 Acq: 18 Oct 2024 11:08

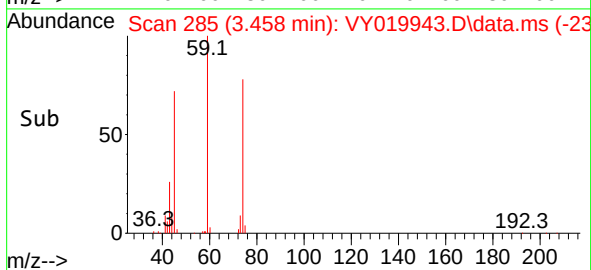
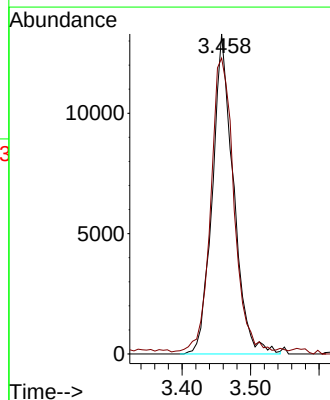
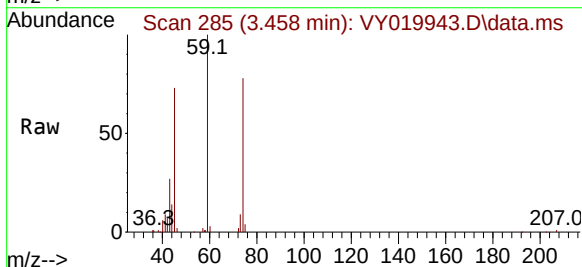
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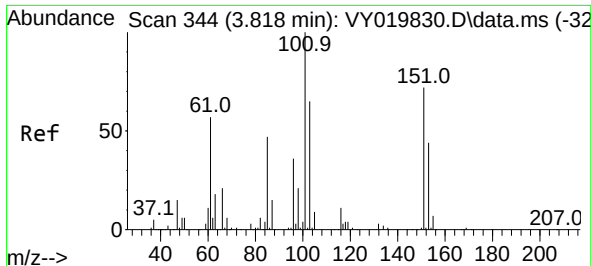
Tgt Ion:101 Resp: 95962
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.301 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019943.D
 Acq: 18 Oct 2024 11:08

Tgt Ion: 74 Resp: 28384
 Ion Ratio Lower Upper
 74 100
 45 99.6 41.3 124.1

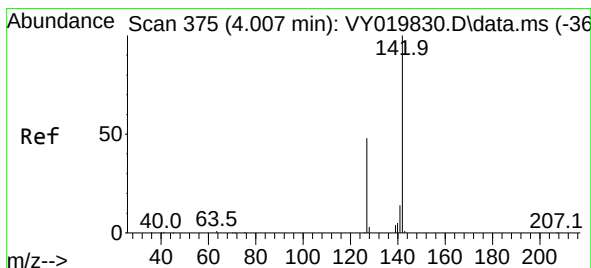
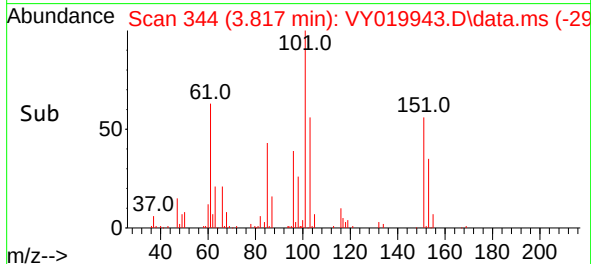
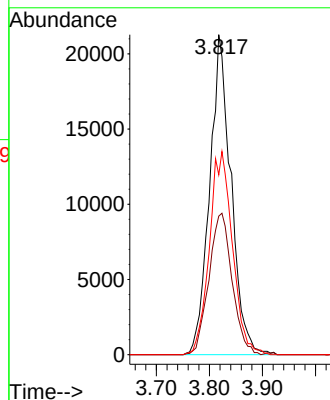
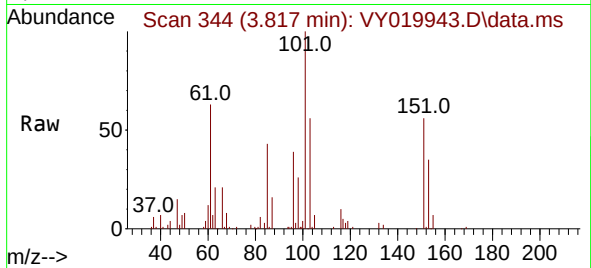




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.232 ug/l
RT: 3.817 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY019943.D
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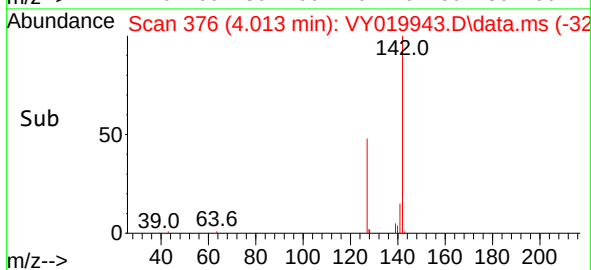
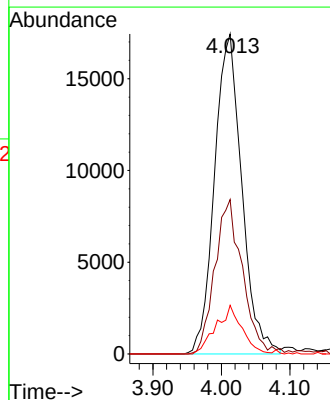
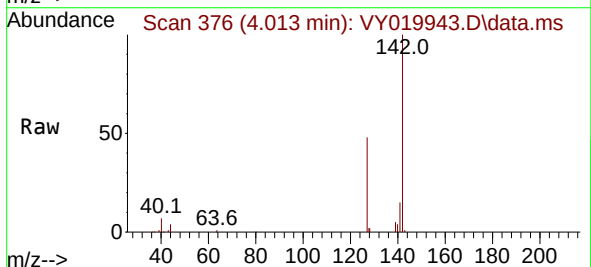
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MSVOA_Y
ClientSampleId :

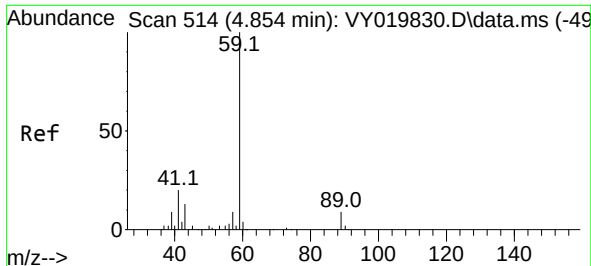
Tgt Ion:101 Resp: 59490
Ion Ratio Lower Upper
101 100
85 48.1 34.5 51.7
151 68.7 61.7 92.5



#10
Methyl Iodide
Concen: 17.798 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

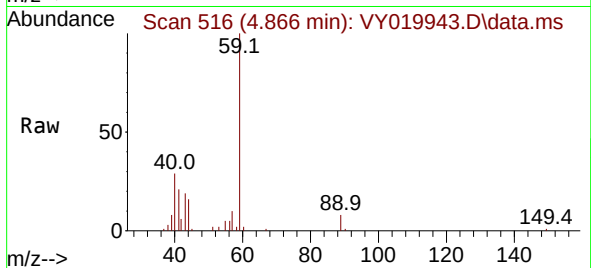
Tgt Ion:142 Resp: 48168
Ion Ratio Lower Upper
142 100
127 49.0 32.8 49.2
141 14.4 11.4 17.2



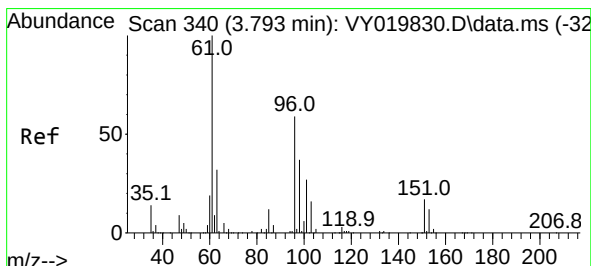
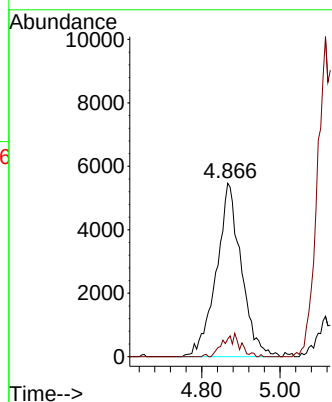
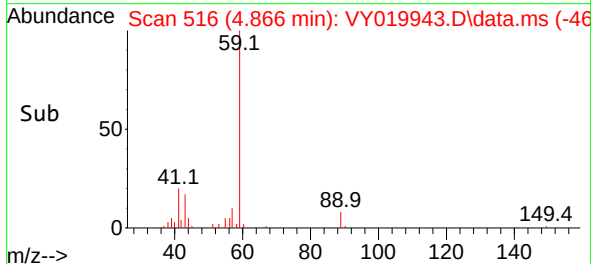


#11
Tert butyl alcohol
Concen: 93.333 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

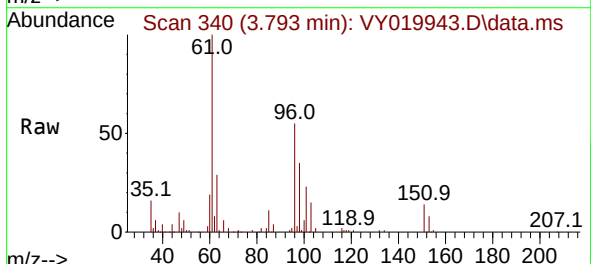
Instrument :
MSVOA_Y
ClientSampleId :



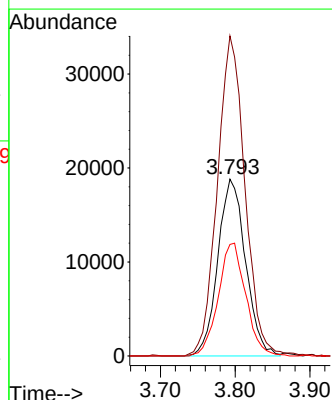
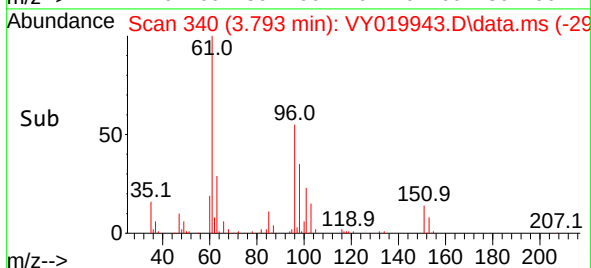
Tgt Ion: 59 Resp: 24134
Ion Ratio Lower Upper
59 100
57 5.2 3.0 4.6#

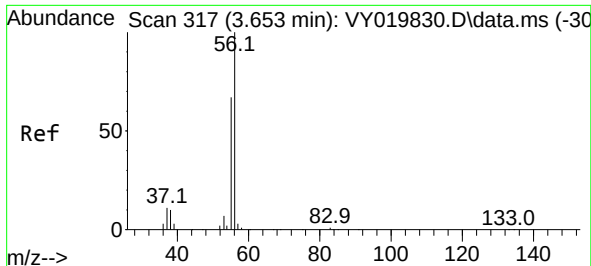


#12
1,1-Dichloroethene
Concen: 19.538 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08



Tgt Ion: 96 Resp: 48605
Ion Ratio Lower Upper
96 100
61 181.1 114.6 171.8#
98 63.1 50.8 76.2





#13

Acrolein

Concen: 95.410 ug/l

RT: 3.665 min Scan# 317

Delta R.T. 0.012 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

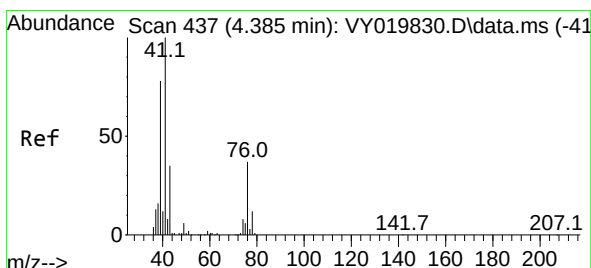
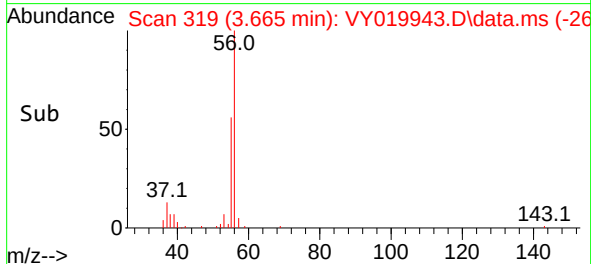
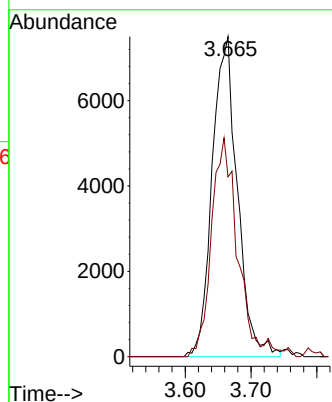
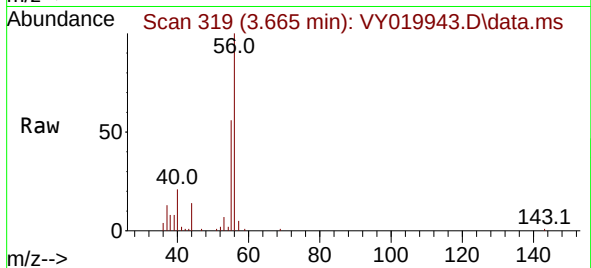
ClientSampleId :

Tgt Ion: 56 Resp: 20017

Ion Ratio Lower Upper

56 100

55 69.1 55.7 83.5



#14

Allyl chloride

Concen: 20.661 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

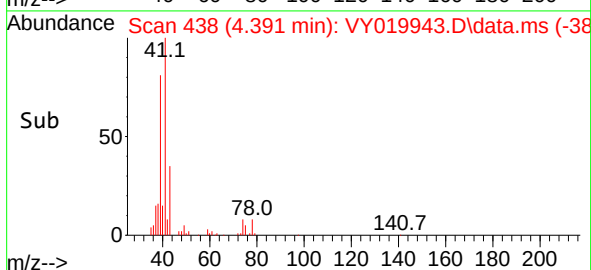
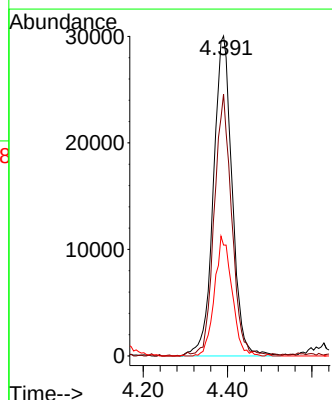
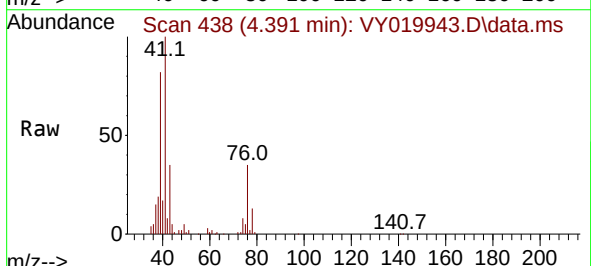
Tgt Ion: 41 Resp: 92736

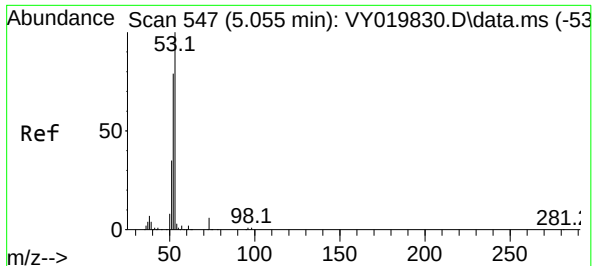
Ion Ratio Lower Upper

41 100

39 74.8 58.3 87.5

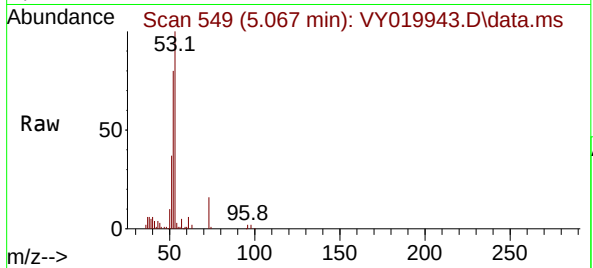
76 34.9 39.0 58.6#



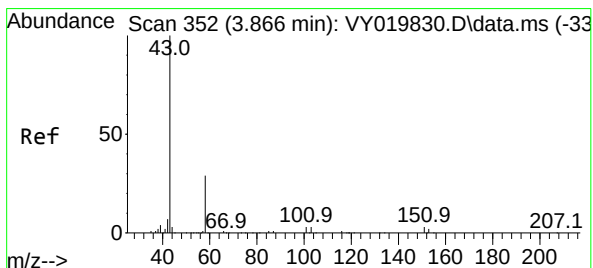
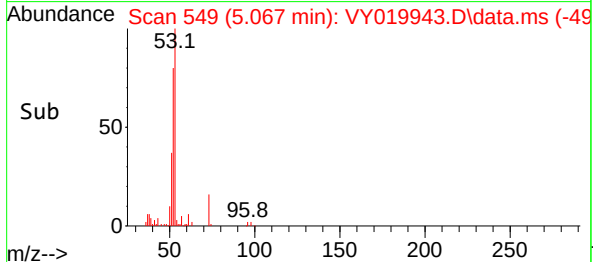
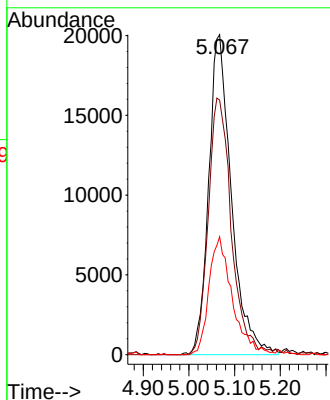


#15
Acrylonitrile
Concen: 108.318 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Instrument :
MSVOA_Y
ClientSampleId :

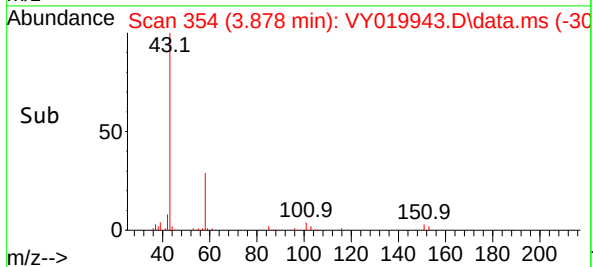
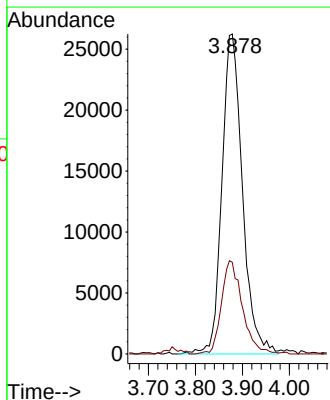
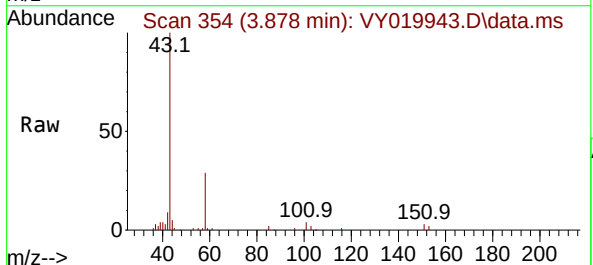


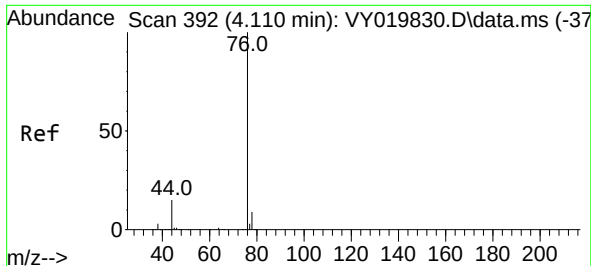
Tgt Ion: 53	Resp: 69271
Ion Ratio	Lower Upper
53 100	
52 81.6	64.7 97.1
51 37.8	28.4 42.6



#16
Acetone
Concen: 107.261 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 43	Resp: 79722
Ion Ratio	Lower Upper
43 100	
58 28.4	31.7 47.5#

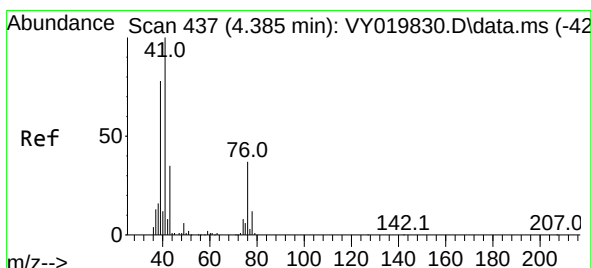
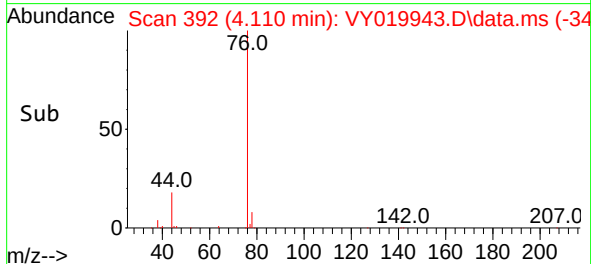
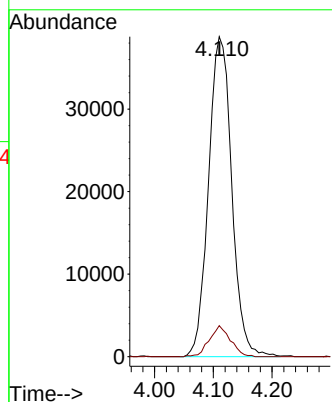
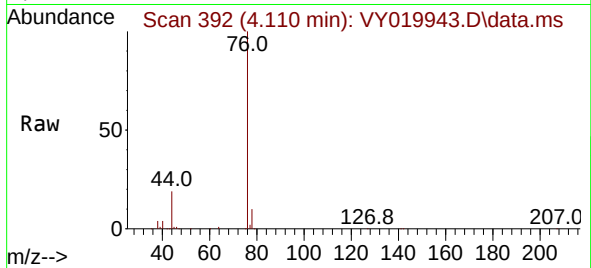




#17
Carbon Disulfide
Concen: 15.980 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

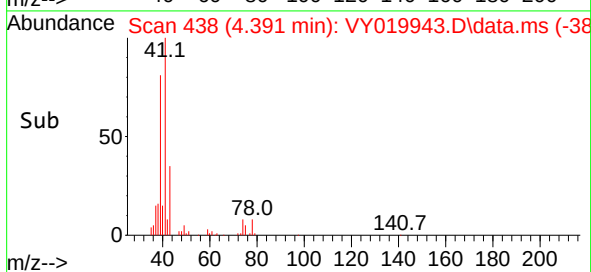
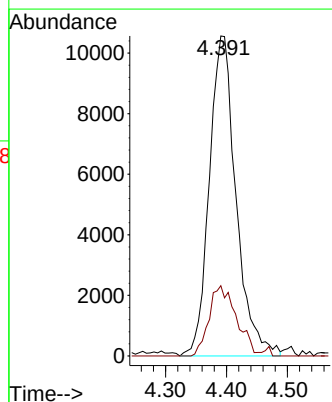
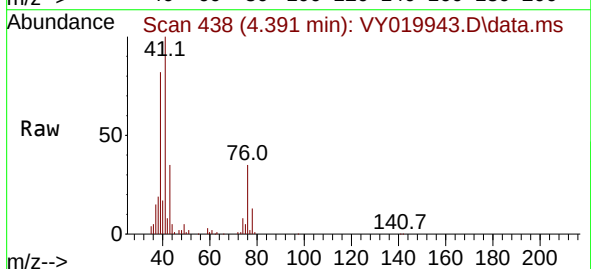
Instrument :
MSVOA_Y
ClientSampleId :

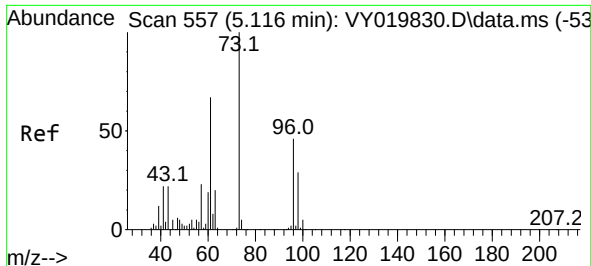
Tgt Ion: 76 Resp: 106553
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 20.157 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 43 Resp: 32273
Ion Ratio Lower Upper
43 100
74 22.6 23.3 34.9#

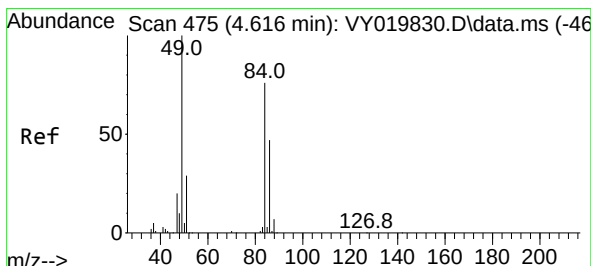
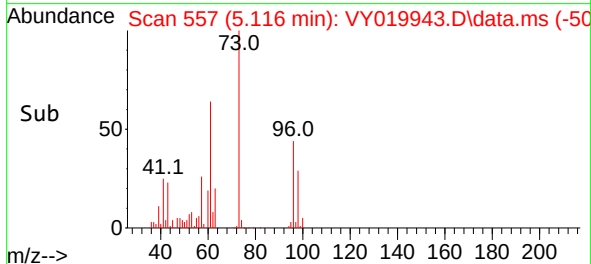
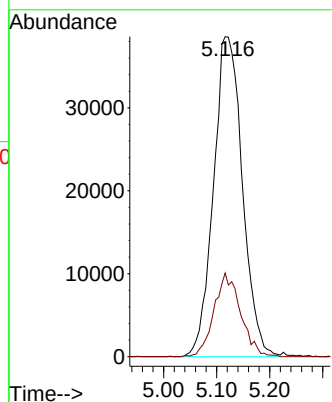
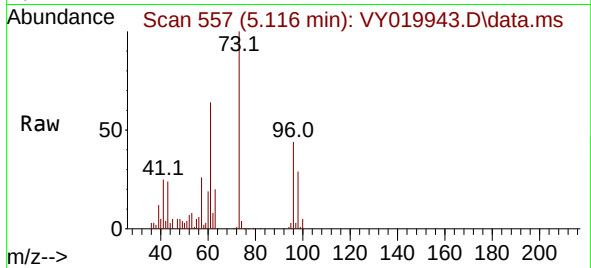




#19
Methyl tert-butyl Ether
Concen: 20.455 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

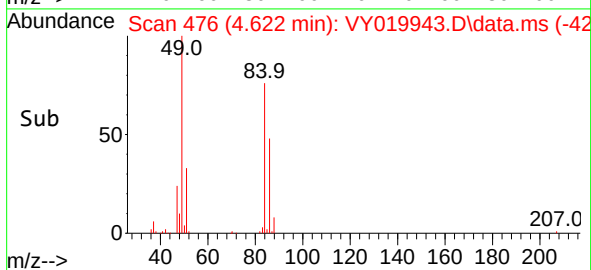
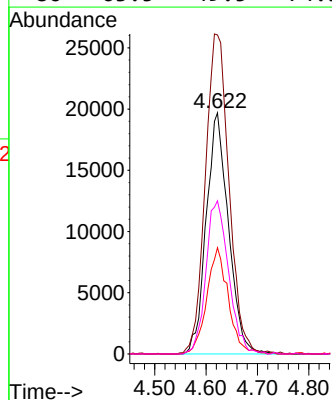
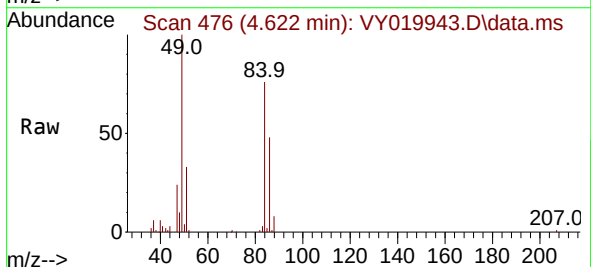
Instrument :
MSVOA_Y
ClientSampleId :

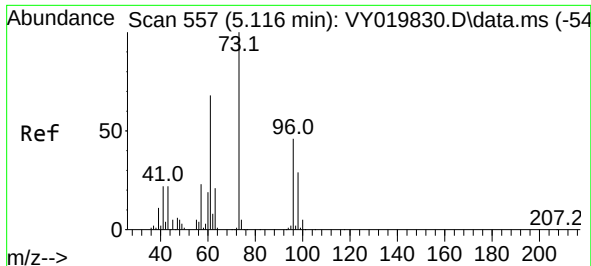
Tgt Ion: 73 Resp: 146186
Ion Ratio Lower Upper
73 100
57 26.2 17.3 25.9#



#20
Methylene Chloride
Concen: 21.060 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 84 Resp: 59118
Ion Ratio Lower Upper
84 100
49 131.8 84.4 126.6#
51 44.1 26.0 39.0#
86 63.5 49.5 74.3

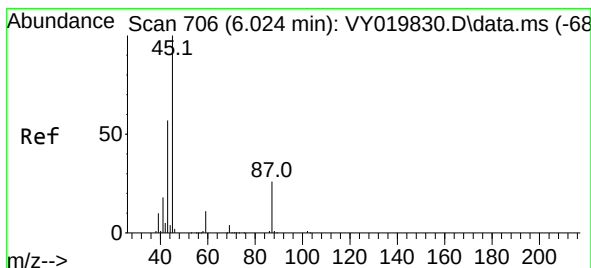
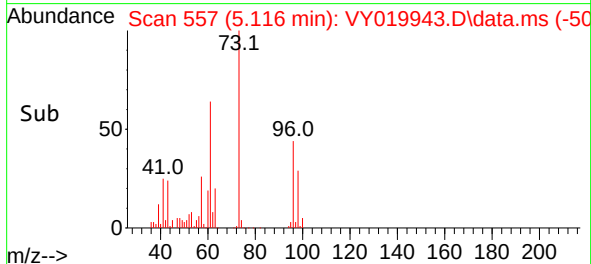
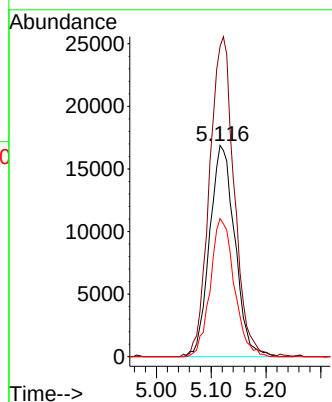
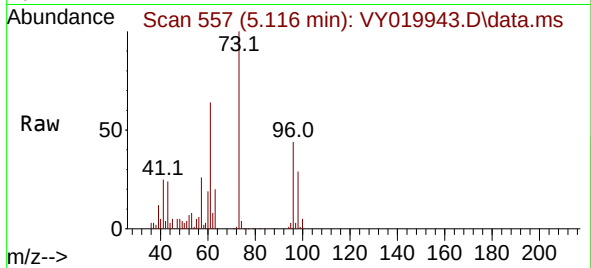




#21
trans-1,2-Dichloroethene
Concen: 19.916 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

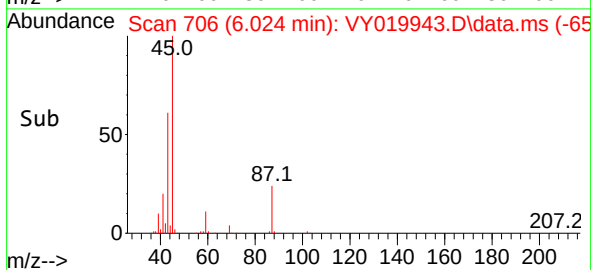
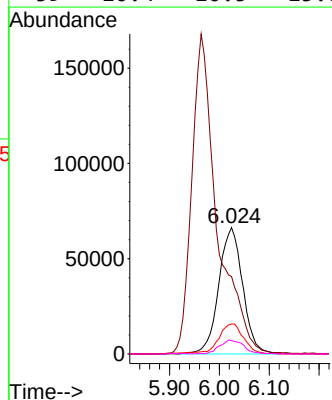
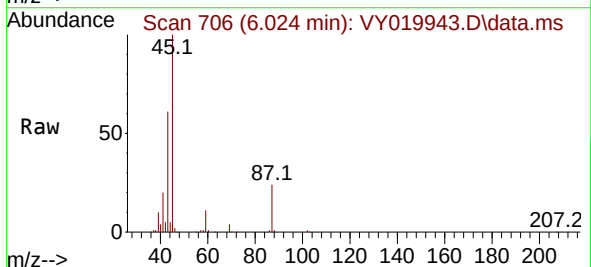
Instrument :
MSVOA_Y
ClientSampleId :

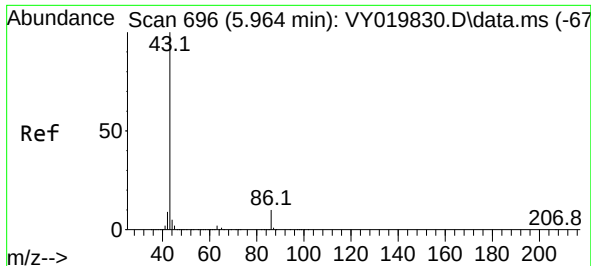
Tgt Ion: 96 Resp: 53923
Ion Ratio Lower Upper
96 100
61 146.9 97.5 146.3#
98 65.4 50.5 75.7



#22
Diisopropyl ether
Concen: 22.673 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 45 Resp: 221670
Ion Ratio Lower Upper
45 100
43 60.2 42.2 63.2
87 23.7 25.0 37.6#
59 10.4 10.5 15.7#

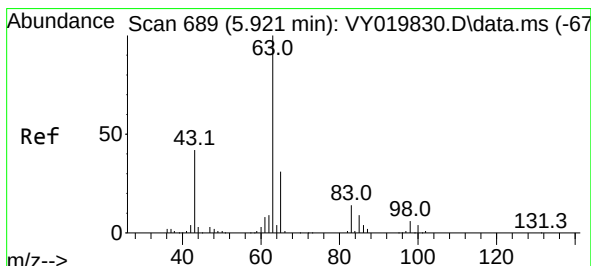
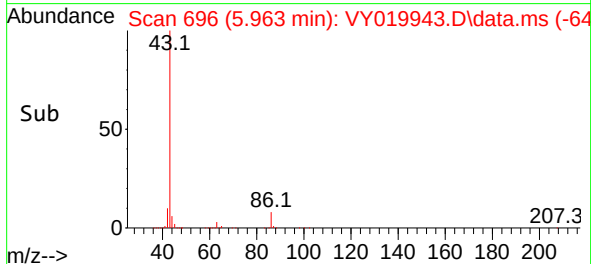
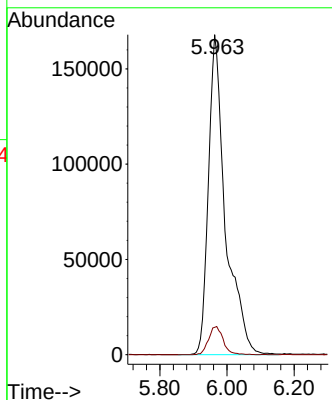
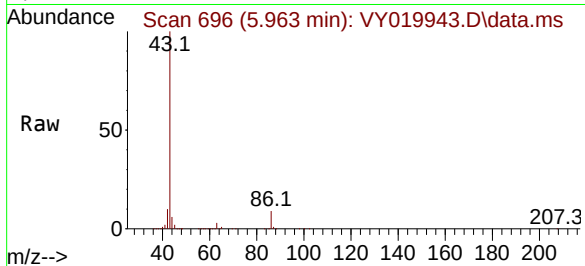




#23
 Vinyl Acetate
 Concen: 105.476 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019943.D
 Acq: 18 Oct 2024 11:08

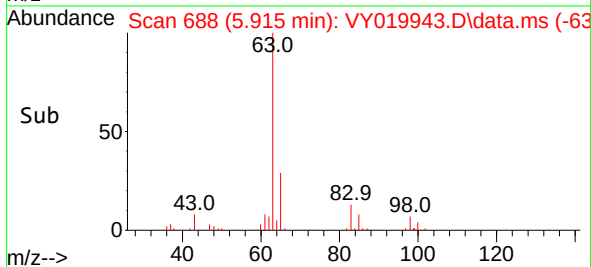
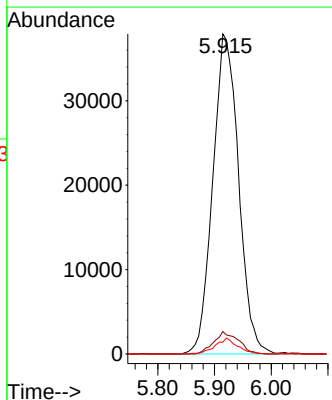
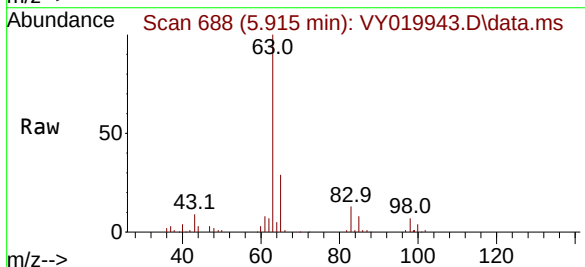
Instrument :
 MSVOA_Y
 ClientSampleId :

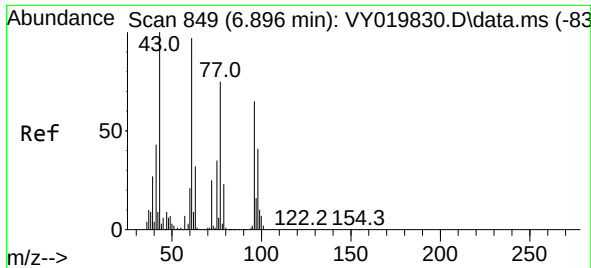
Tgt Ion: 43 Resp: 591179
 Ion Ratio Lower Upper
 43 100
 86 8.6 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.995 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019943.D
 Acq: 18 Oct 2024 11:08

Tgt Ion: 63 Resp: 119538
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 3.7 2.6 8.0

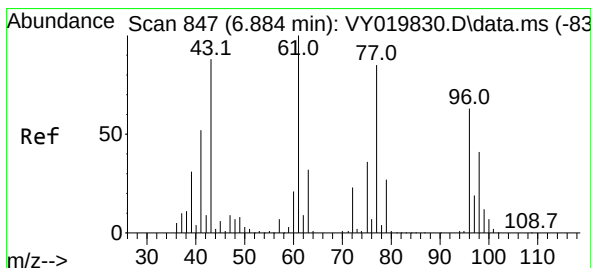
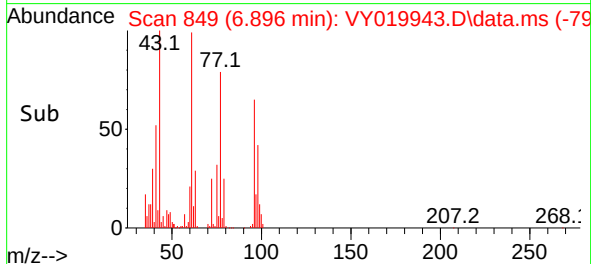
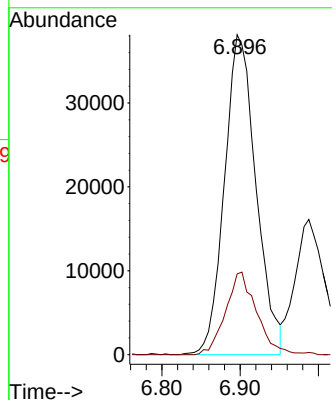
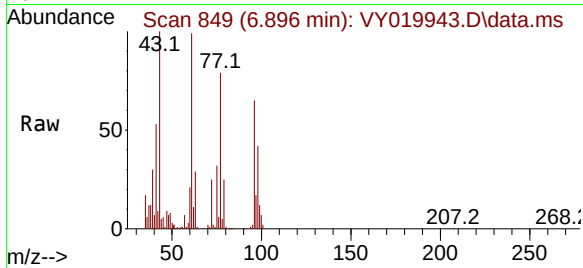




#25
2-Butanone
Concen: 107.474 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

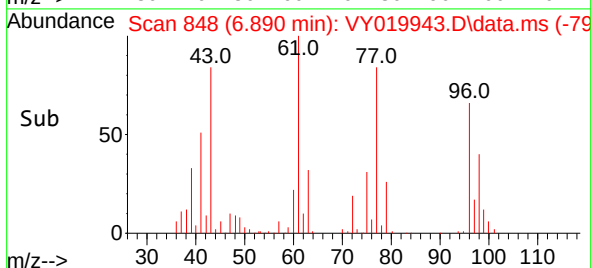
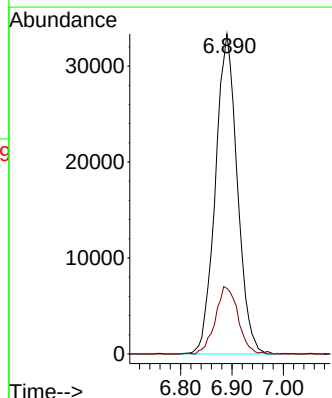
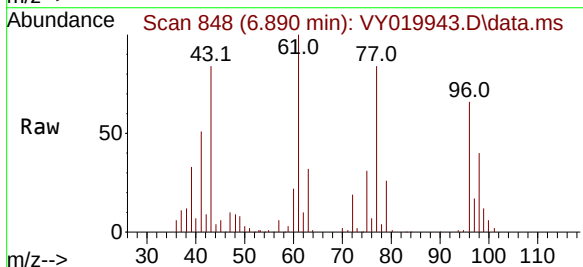
Instrument :
MSVOA_Y
ClientSampleId :

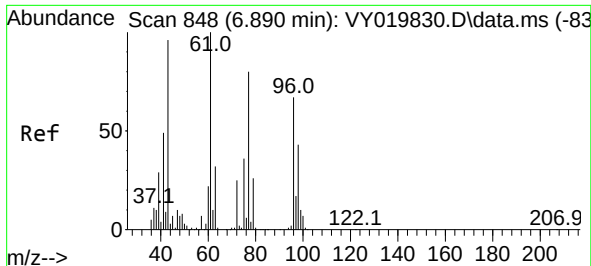
Tgt Ion: 43 Resp: 106922
Ion Ratio Lower Upper
43 100
72 25.2 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 20.411 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

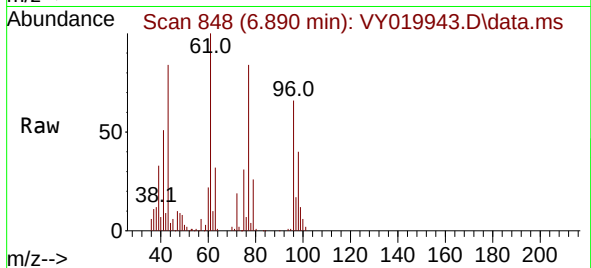
Tgt Ion: 77 Resp: 98788
Ion Ratio Lower Upper
77 100
97 21.7 12.0 36.1



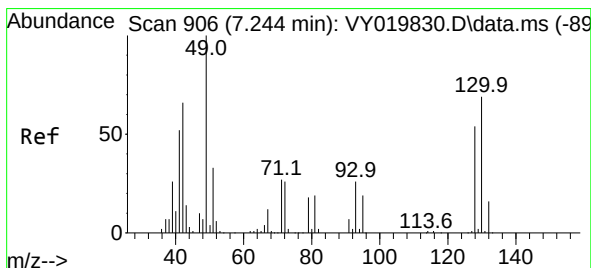
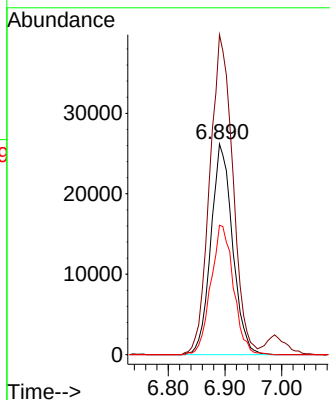
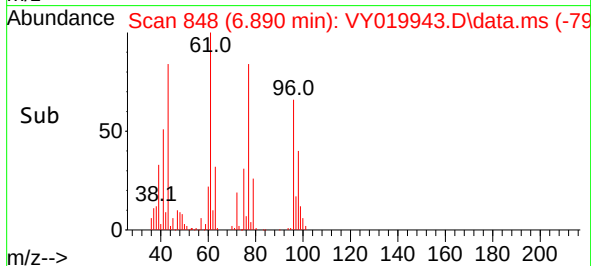


#27
 cis-1,2-Dichloroethene
 Concen: 20.808 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019943.D
 Acq: 18 Oct 2024 11:08

Instrument :
 MSVOA_Y
 ClientSampleId :

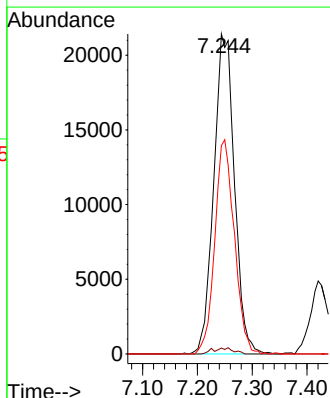
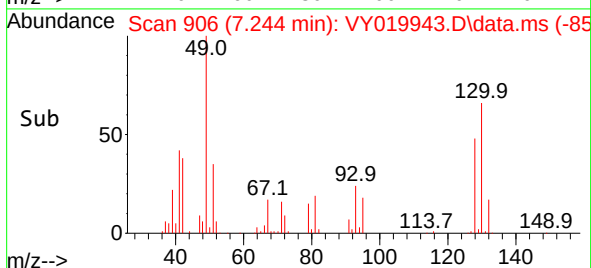
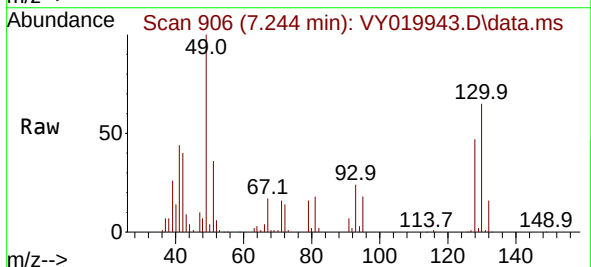


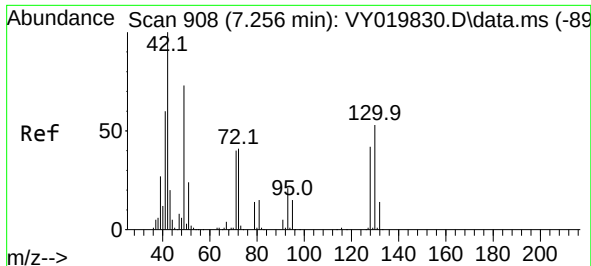
Tgt Ion: 96 Resp: 69623
 Ion Ratio Lower Upper
 96 100
 61 161.5 0.0 256.2
 98 63.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 23.481 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019943.D
 Acq: 18 Oct 2024 11:08

Tgt Ion: 49 Resp: 56169
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.6
 130 63.3 72.7 109.1#





#29

Tetrahydrofuran

Concen: 104.034 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

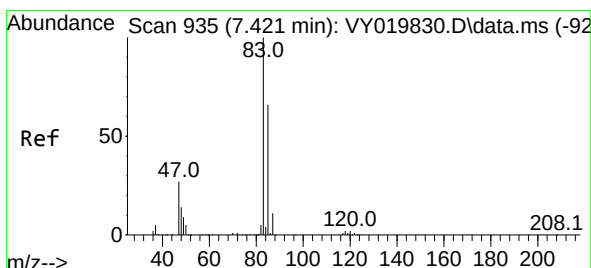
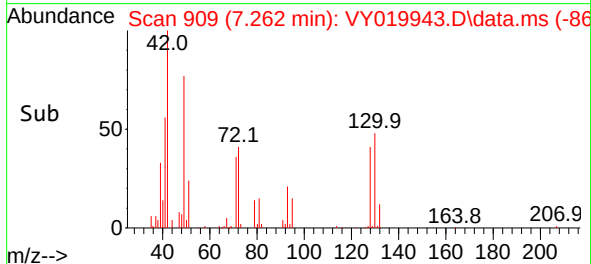
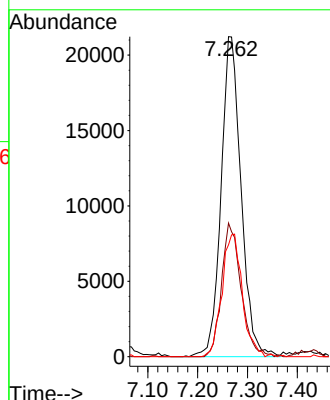
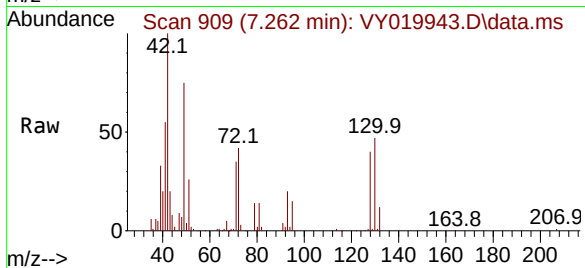
Tgt Ion: 42 Resp: 59096

Ion Ratio Lower Upper

42 100

72 40.8 43.0 64.4#

71 38.9 40.8 61.2#



#30

Chloroform

Concen: 21.929 ug/l

RT: 7.420 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019943.D

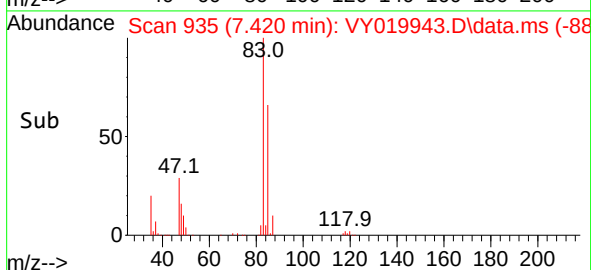
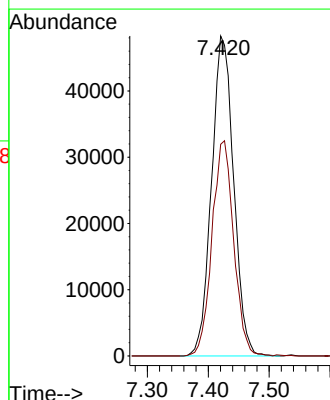
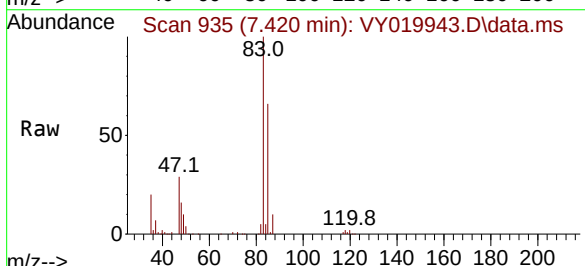
Acq: 18 Oct 2024 11:08

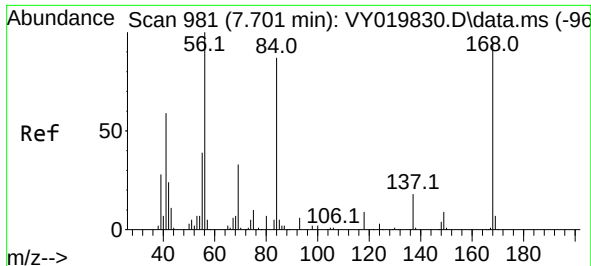
Tgt Ion: 83 Resp: 121489

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.4

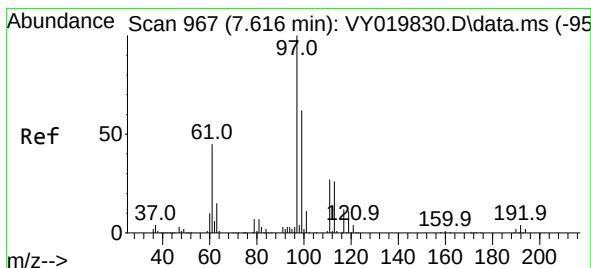
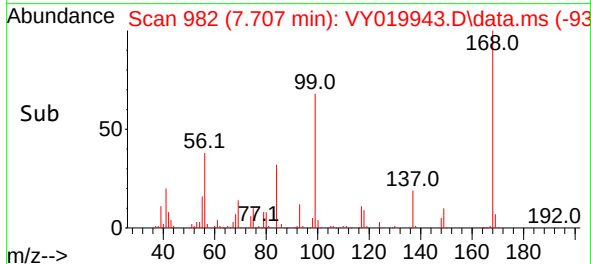
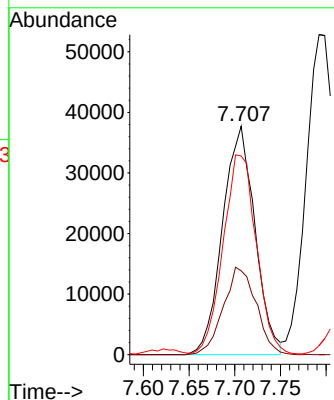
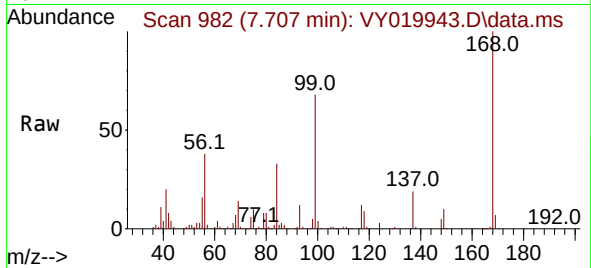




#31
Cyclohexane
Concen: 19.501 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

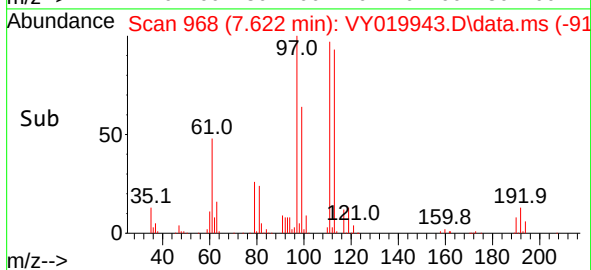
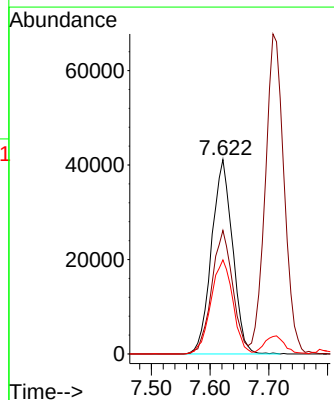
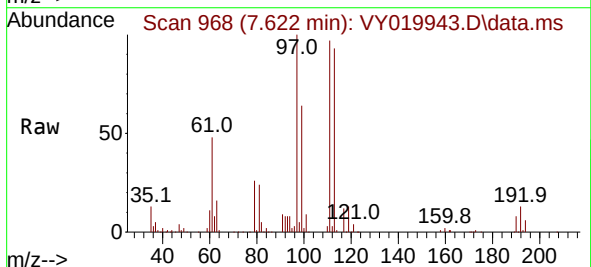
Instrument :
MSVOA_Y
ClientSampleId :

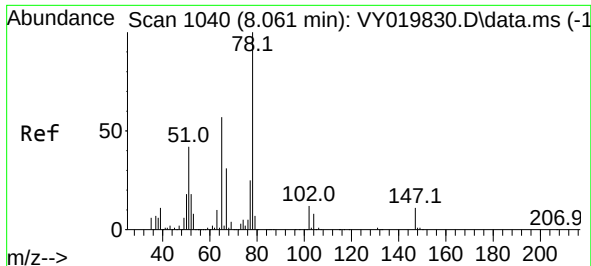
Tgt Ion: 56 Resp: 93034
Ion Ratio Lower Upper
56 100
69 36.7 28.7 43.1
84 85.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.061 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 97 Resp: 102255
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 50.6 32.6 48.8#

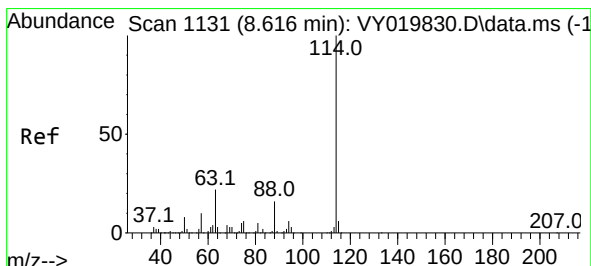
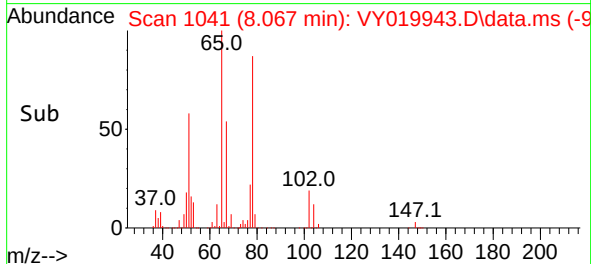
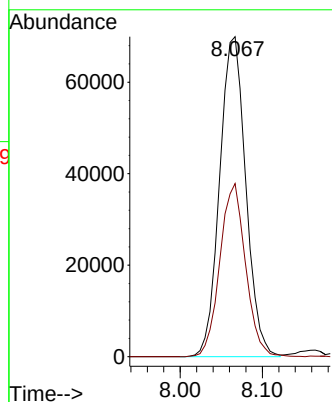
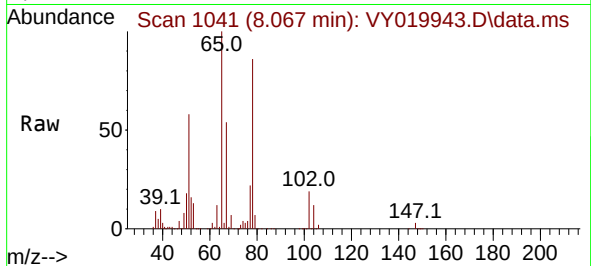




#33
1,2-Dichloroethane-d4
Concen: 54.220 ug/l
RT: 8.067 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

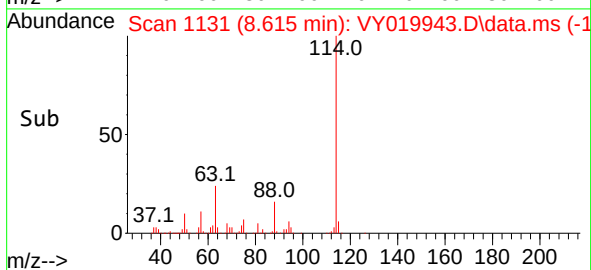
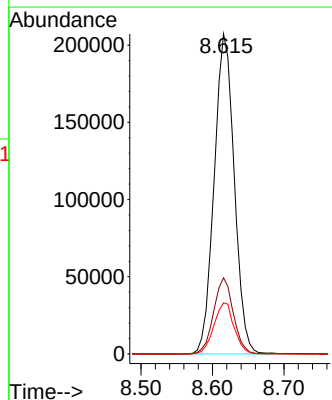
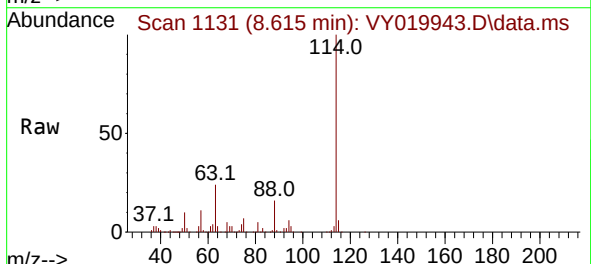
Instrument :
MSVOA_Y
ClientSampleId :

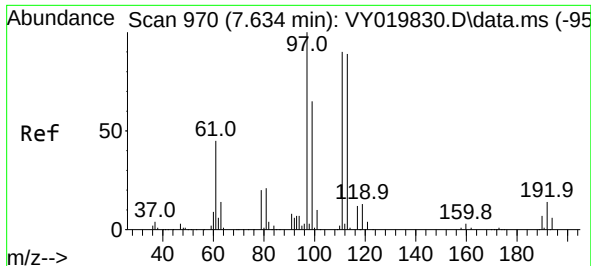
Tgt Ion: 65 Resp: 154807
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 114 Resp: 404964
Ion Ratio Lower Upper
114 100
63 23.8 0.0 35.0
88 16.0 0.0 27.2

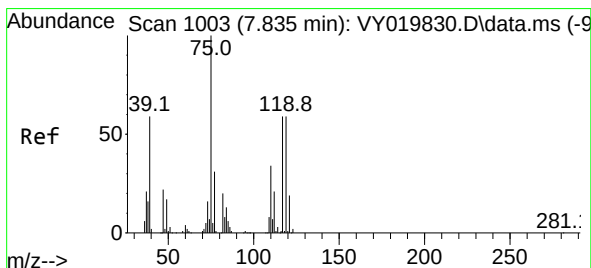
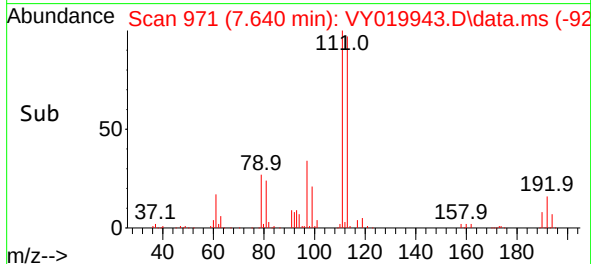
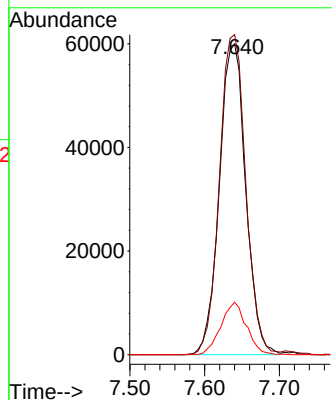
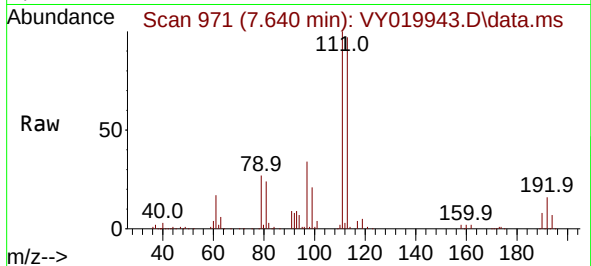




#35
Dibromofluoromethane
Concen: 55.056 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

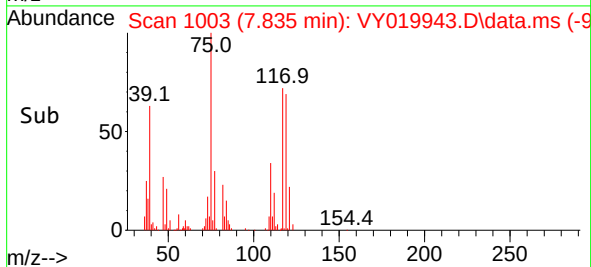
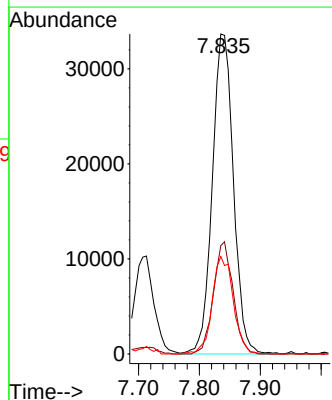
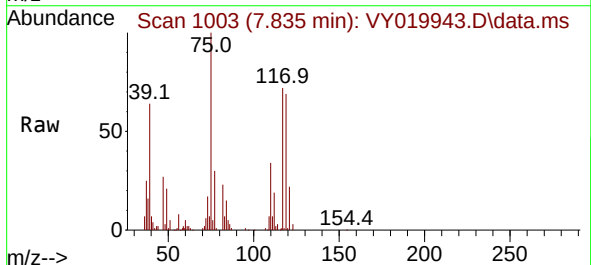
Instrument :
MSVOA_Y
ClientSampleId :

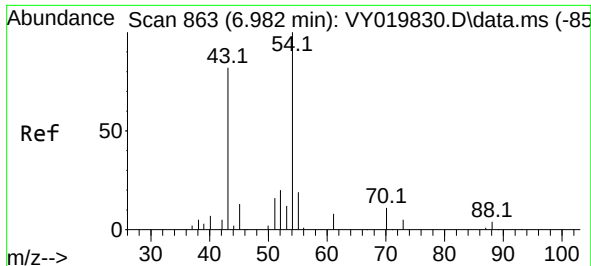
Tgt Ion:113 Resp: 147127
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 16.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.082 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 75 Resp: 81165
Ion Ratio Lower Upper
75 100
110 32.5 19.0 57.0
77 30.5 25.3 37.9





#37

Ethyl Acetate

Concen: 21.545 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

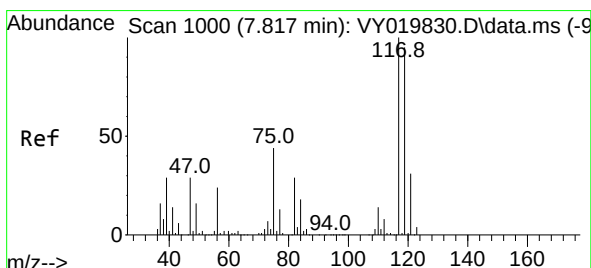
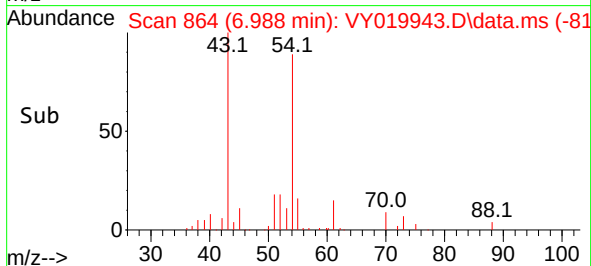
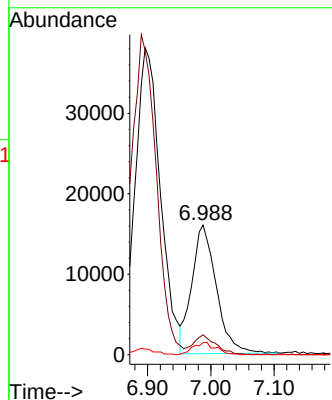
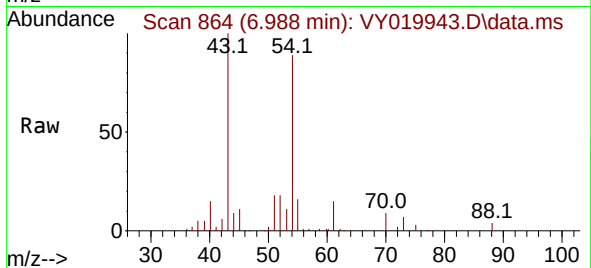
Tgt Ion: 43 Resp: 43251

Ion Ratio Lower Upper

43 100

61 14.1 12.6 19.0

70 8.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 21.387 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

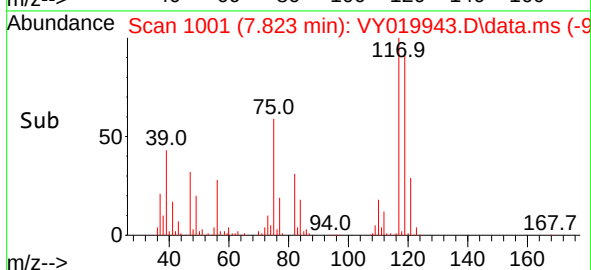
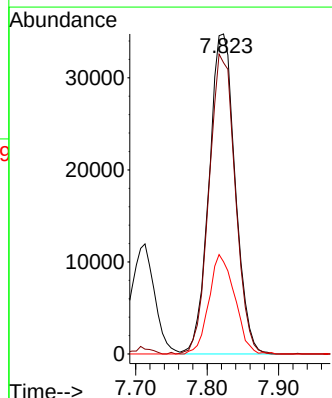
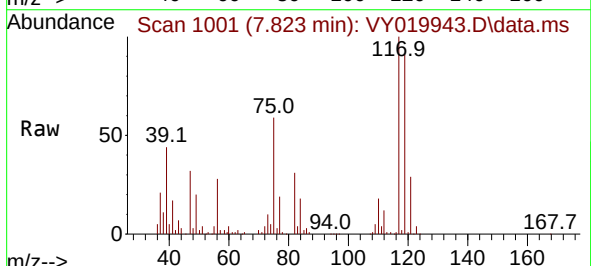
Tgt Ion: 117 Resp: 88268

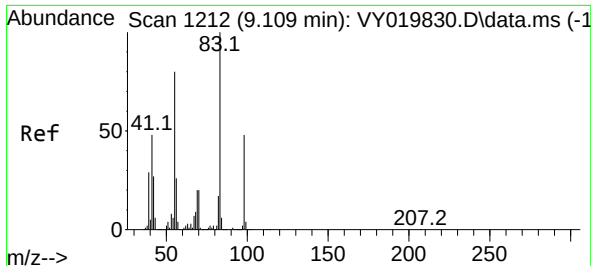
Ion Ratio Lower Upper

117 100

119 91.0 75.8 113.6

121 28.8 24.0 36.0





#39

Methylcyclohexane

Concen: 19.158 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

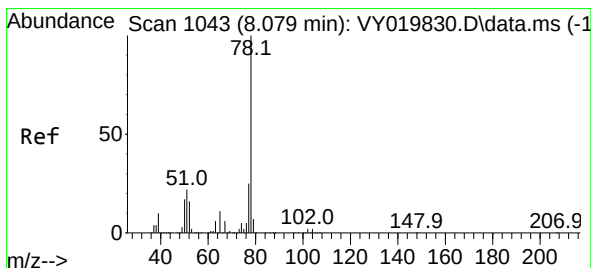
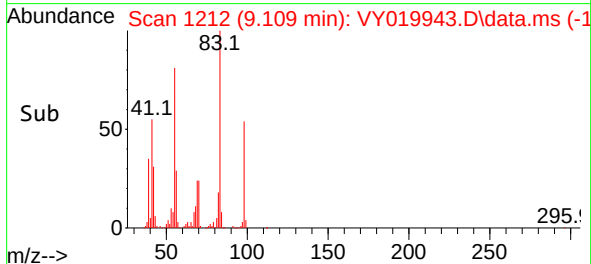
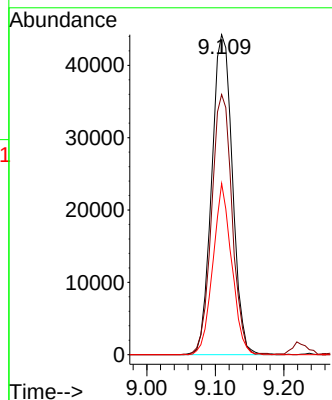
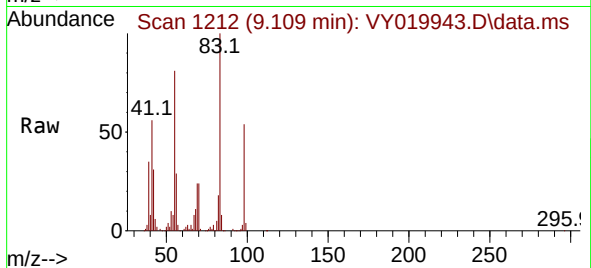
Tgt Ion: 83 Resp: 92936

Ion Ratio Lower Upper

83 100

55 81.3 51.5 77.3#

98 53.5 40.5 60.7



#40

Benzene

Concen: 21.063 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019943.D

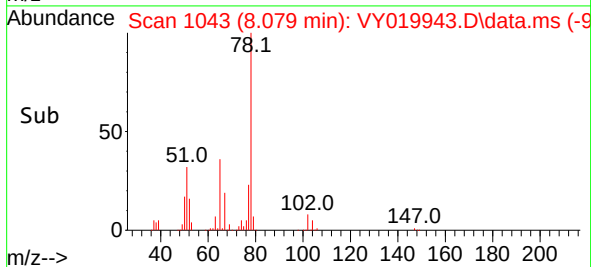
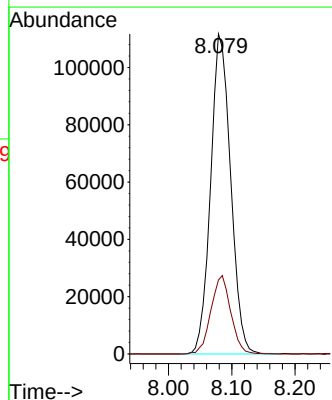
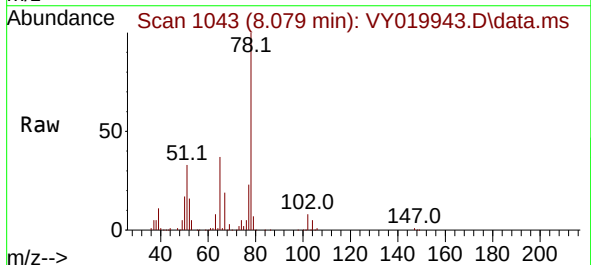
Acq: 18 Oct 2024 11:08

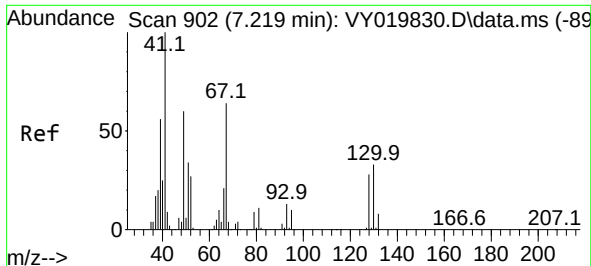
Tgt Ion: 78 Resp: 245419

Ion Ratio Lower Upper

78 100

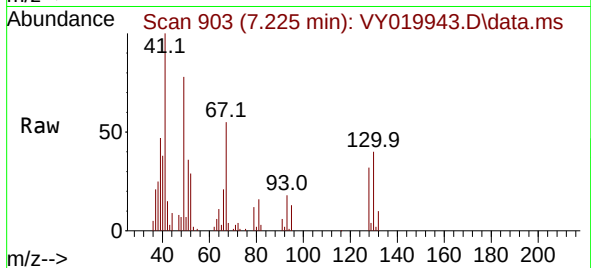
77 23.1 19.5 29.3



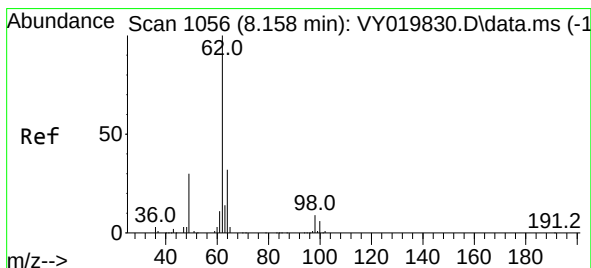
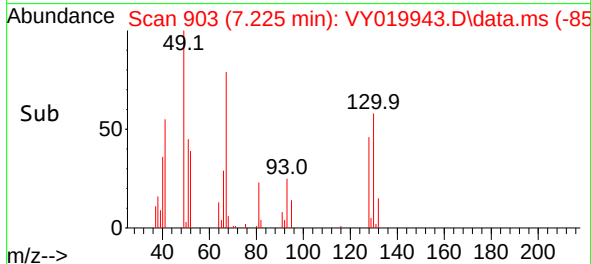
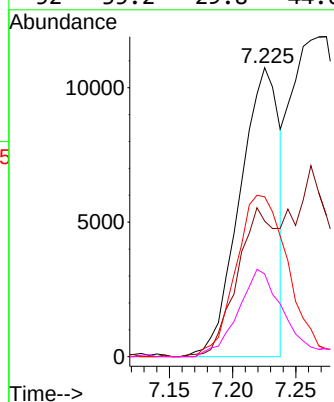


#41
Methacrylonitrile
Concen: 21.531 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Instrument :
MSVOA_Y
ClientSampleId :

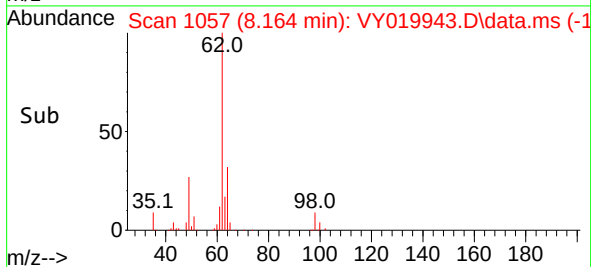
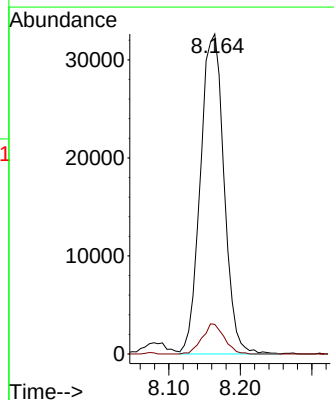
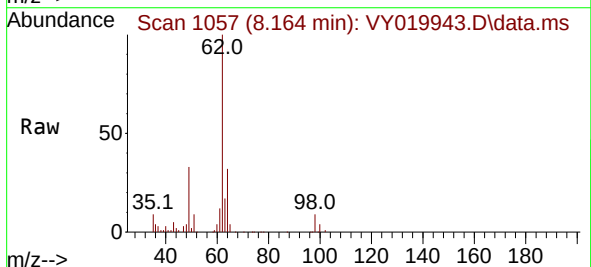


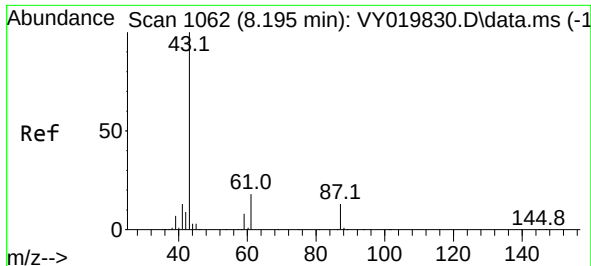
Tgt Ion:	41	Resp:	23394
Ion	Ratio	Lower	Upper
41	100		
39	45.9	48.0	72.0#
67	74.7	75.1	112.7#
52	35.2	29.8	44.6



#42
1,2-Dichloroethane
Concen: 22.399 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion:	62	Resp:	74978
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	22.0

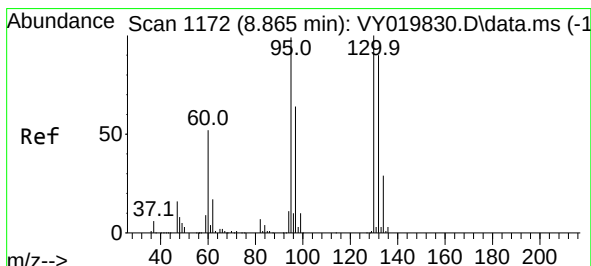
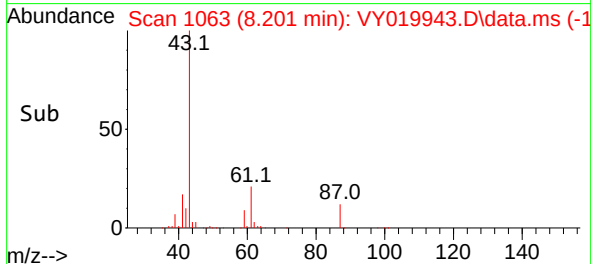
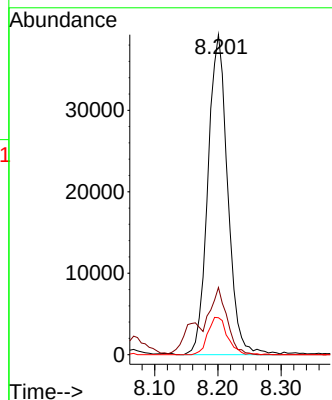
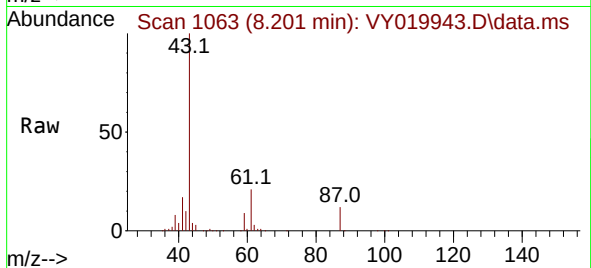




#43
Isopropyl Acetate
Concen: 20.830 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

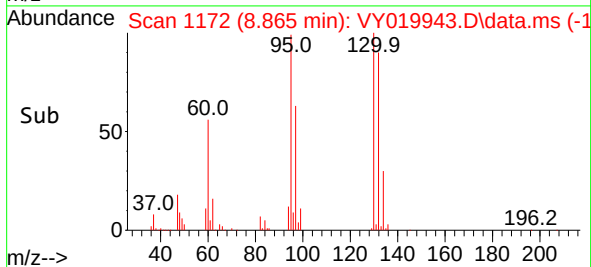
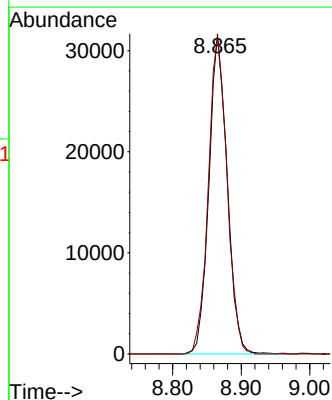
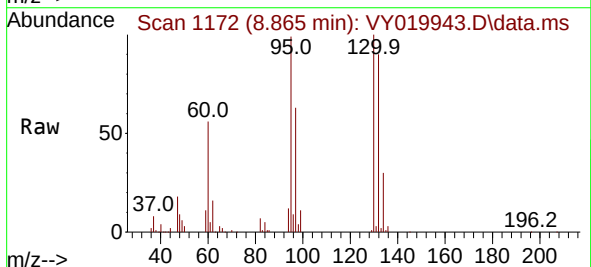
Instrument :
MSVOA_Y
ClientSampleId :

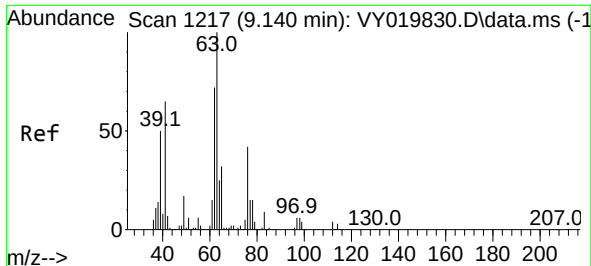
Tgt Ion: 43 Resp: 85282
Ion Ratio Lower Upper
43 100
61 18.4 27.9 41.9#
87 11.6 13.1 19.7#



#44
Trichloroethene
Concen: 20.783 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion:130 Resp: 58650
Ion Ratio Lower Upper
130 100
95 99.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.971 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

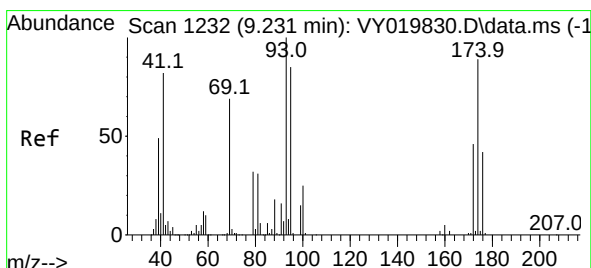
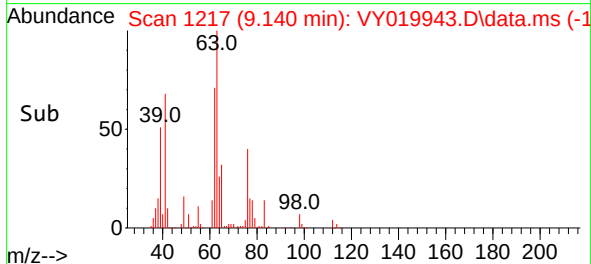
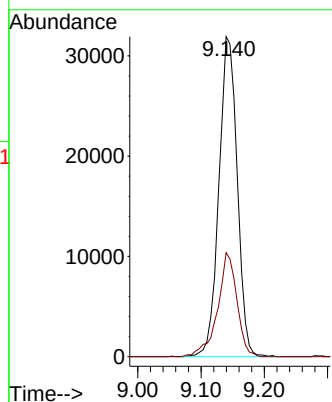
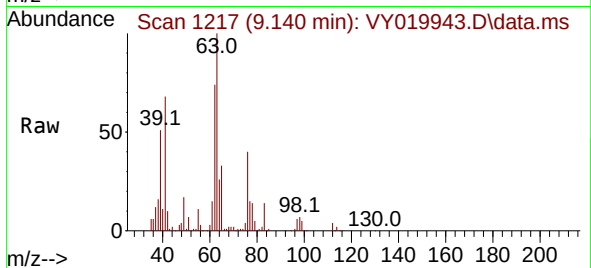
ClientSampleId :

Tgt Ion: 63 Resp: 64073

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.2



#46

Dibromomethane

Concen: 20.365 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

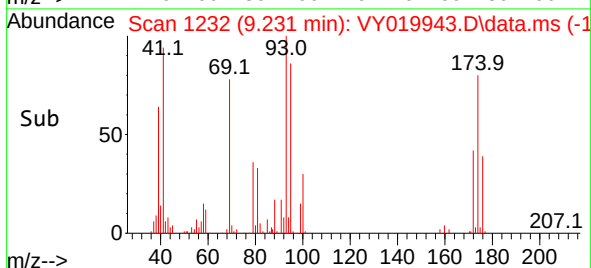
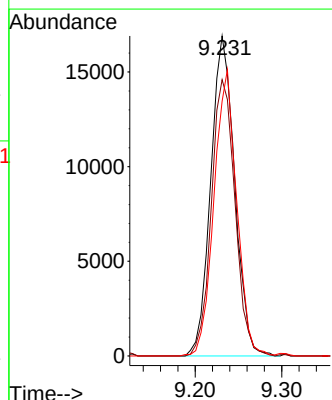
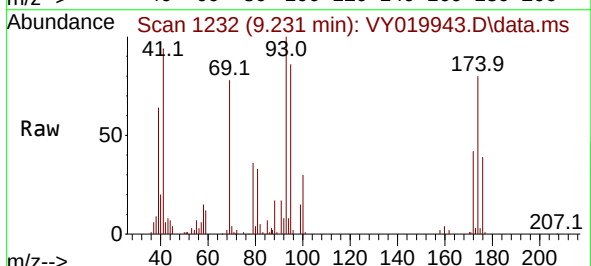
Tgt Ion: 93 Resp: 32449

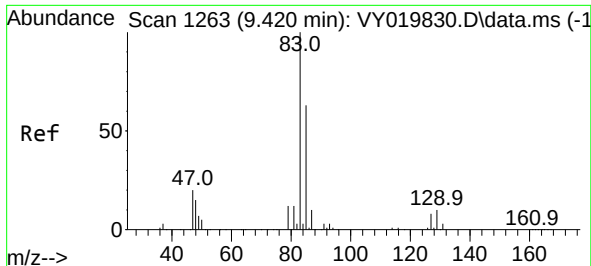
Ion Ratio Lower Upper

93 100

95 85.4 66.2 99.4

174 84.8 80.9 121.3

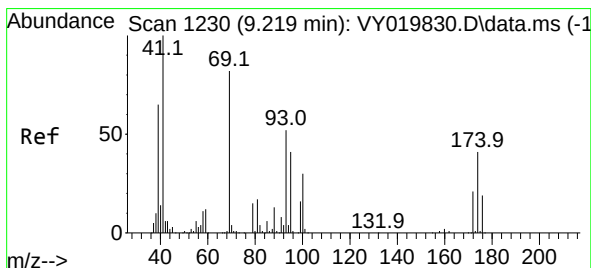
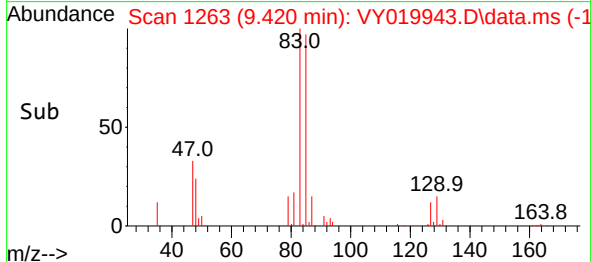
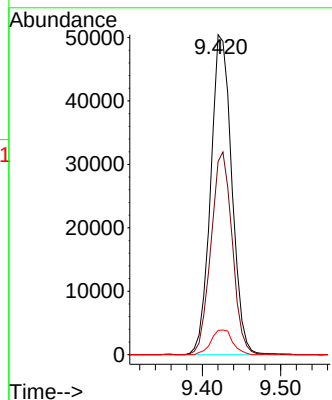
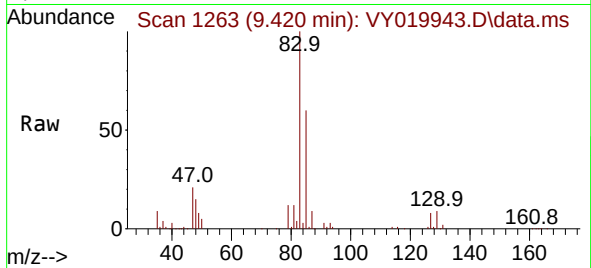




#47
Bromodichloromethane
Concen: 22.345 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

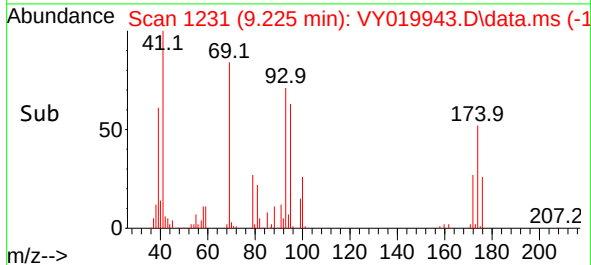
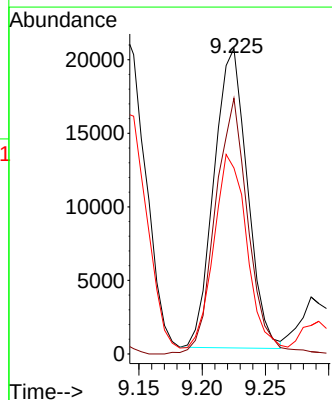
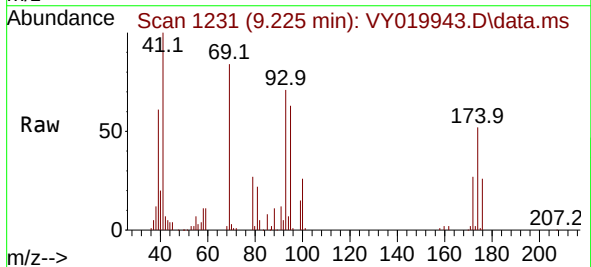
Instrument :
MSVOA_Y
ClientSampleId :

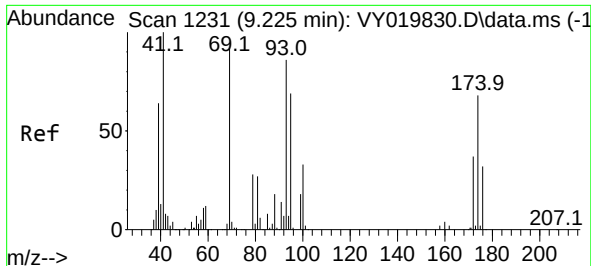
Tgt Ion: 83 Resp: 94502
Ion Ratio Lower Upper
83 100
85 60.4 50.1 75.1
127 7.6 7.4 11.0



#48
Methyl methacrylate
Concen: 20.708 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 41 Resp: 37294
Ion Ratio Lower Upper
41 100
69 84.1 84.1 126.1
39 64.0 43.6 65.4

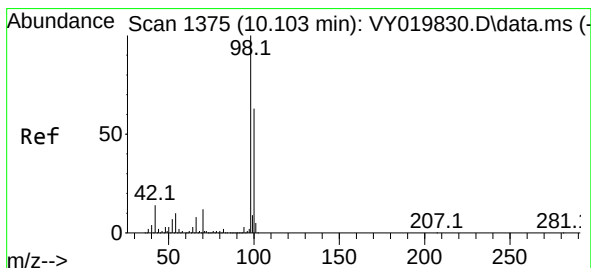
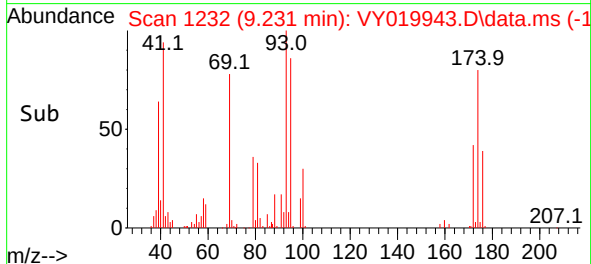
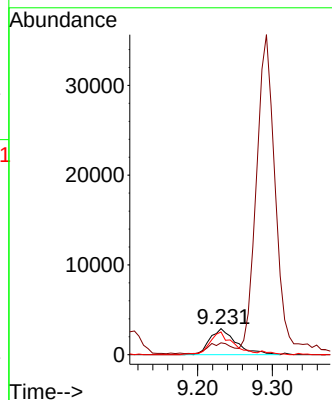
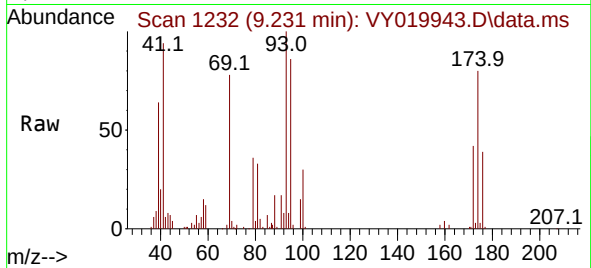




#49
1,4-Dioxane
Concen: 394.264 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

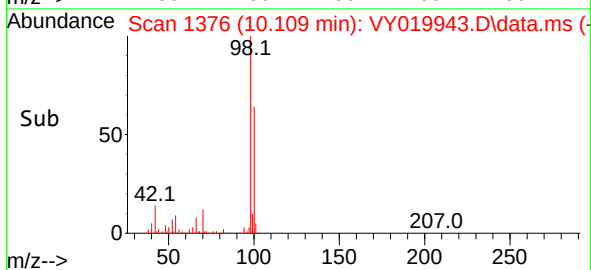
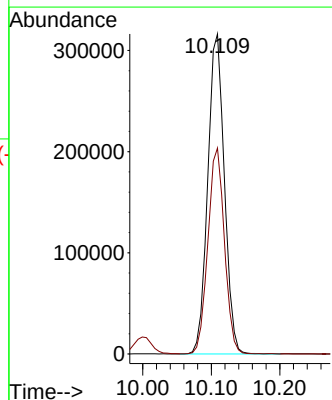
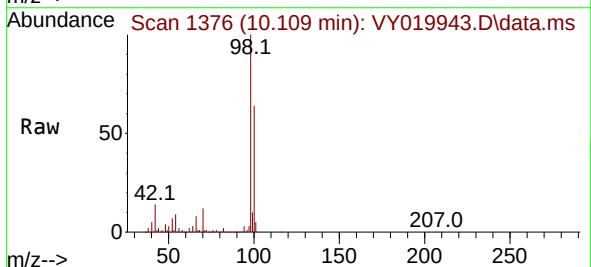
Instrument :
MSVOA_Y
ClientSampleId :

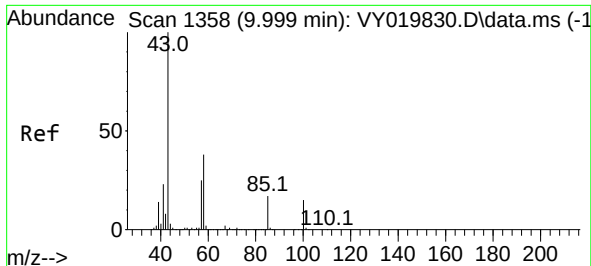
Tgt Ion: 88 Resp: 7031
Ion Ratio Lower Upper
88 100
43 40.3 0.0 0.0#
58 77.4 49.3 73.9#



#50
Toluene-d8
Concen: 54.087 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 98 Resp: 533754
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 108.667 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

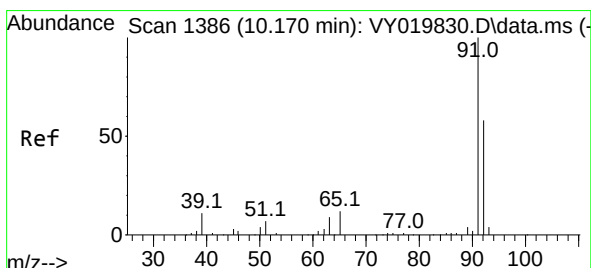
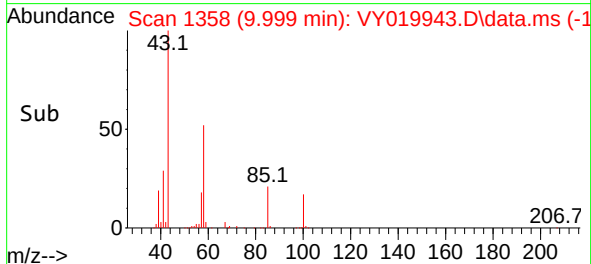
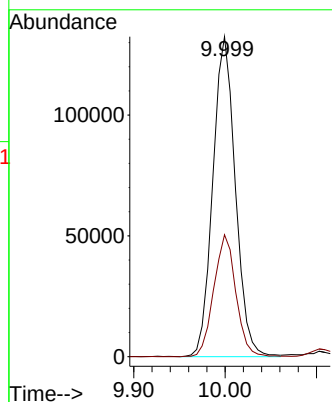
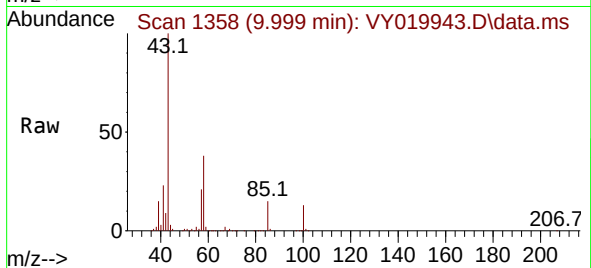
ClientSampleId :

Tgt Ion: 43 Resp: 226925

Ion Ratio Lower Upper

43 100

58 37.4 35.7 53.5



#52

Toluene

Concen: 21.007 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019943.D

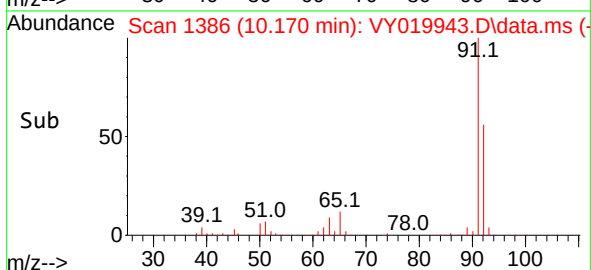
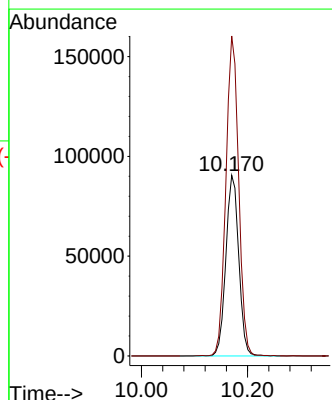
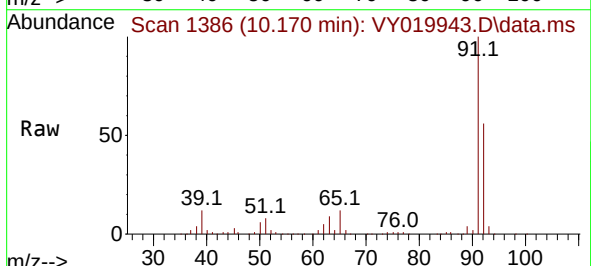
Acq: 18 Oct 2024 11:08

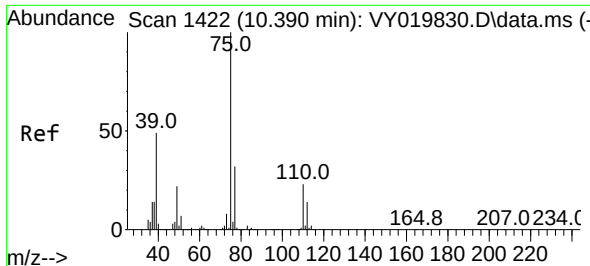
Tgt Ion: 92 Resp: 152781

Ion Ratio Lower Upper

92 100

91 175.1 139.0 208.6

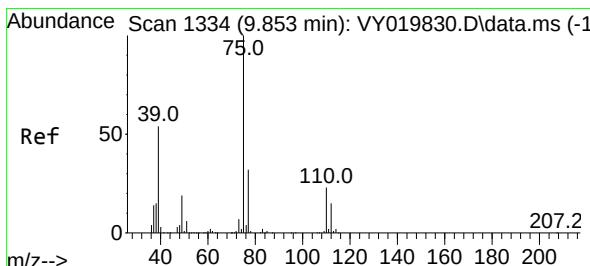
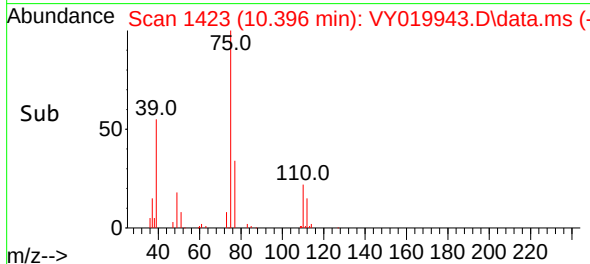
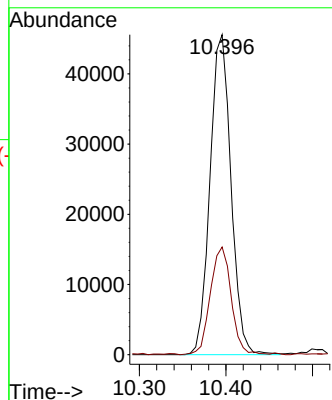
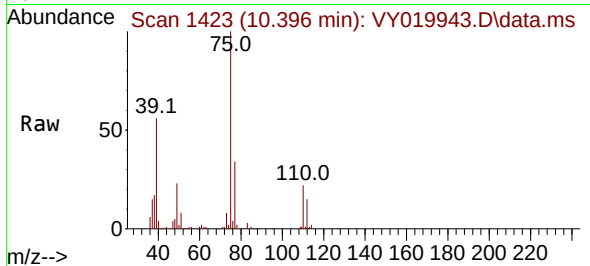




#53
 t-1,3-Dichloropropene
 Concen: 20.186 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY019943.D
 Acq: 18 Oct 2024 11:08

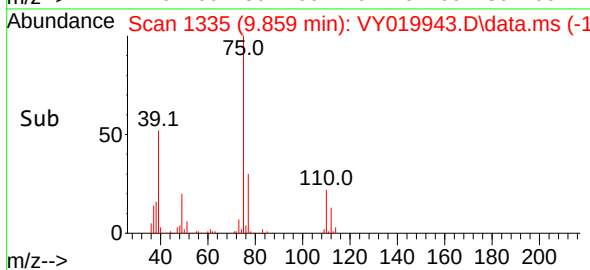
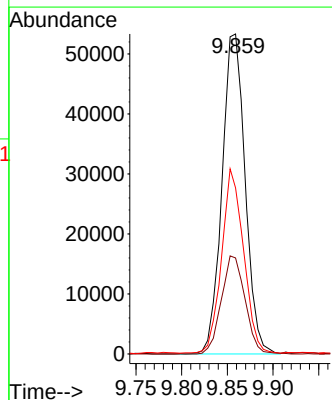
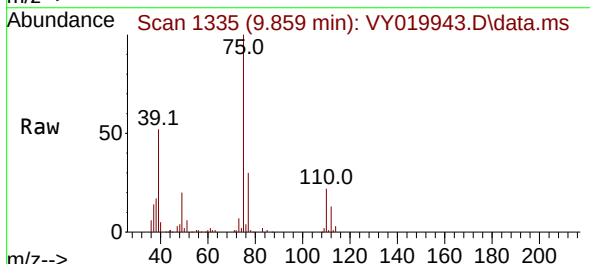
Instrument :
 MSVOA_Y
 ClientSampleId :

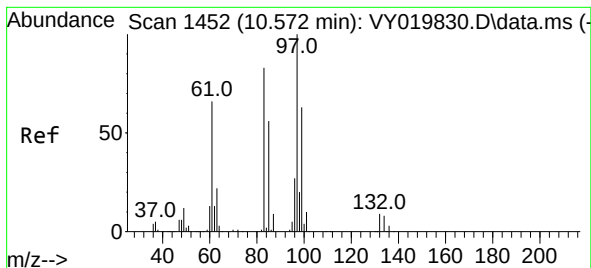
Tgt Ion: 75 Resp: 76814
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.930 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY019943.D
 Acq: 18 Oct 2024 11:08

Tgt Ion: 75 Resp: 93977
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0
 39 51.7 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 21.169 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 44439

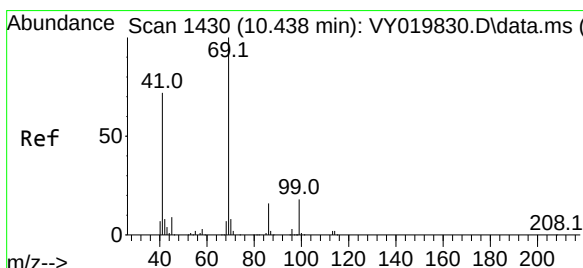
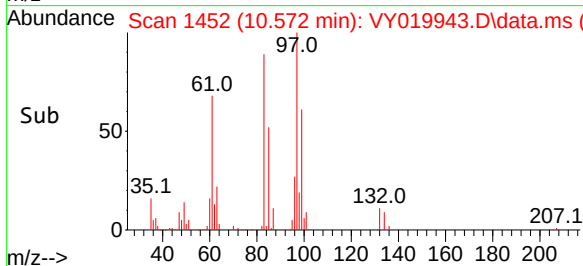
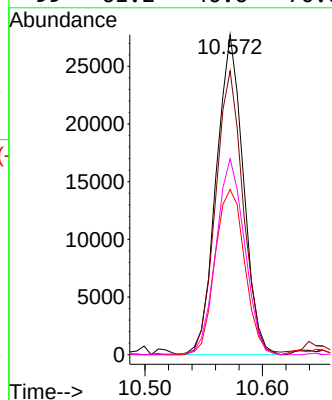
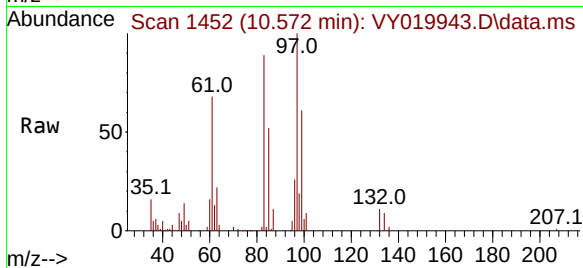
Ion Ratio Lower Upper

97 100

83 88.7 67.5 101.3

85 51.6 42.9 64.3

99 61.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.367 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

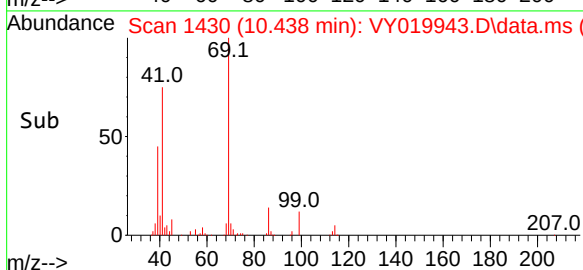
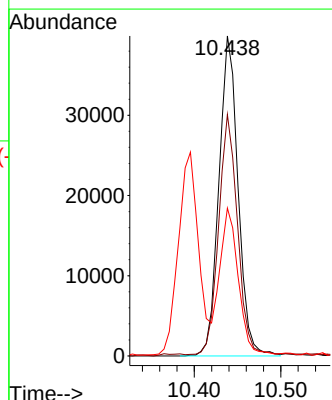
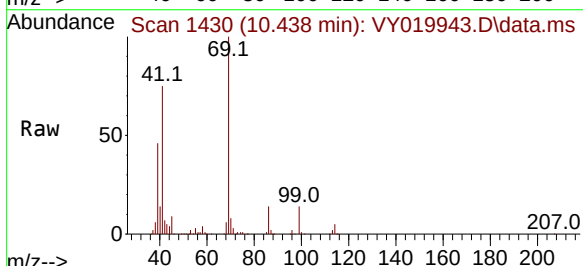
Tgt Ion: 69 Resp: 61351

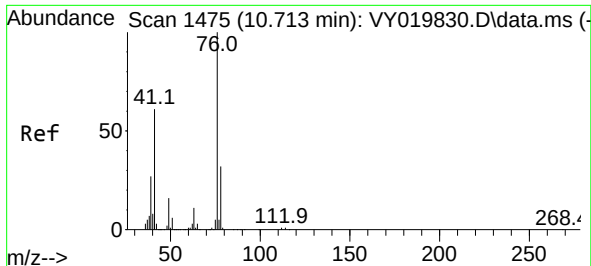
Ion Ratio Lower Upper

69 100

41 74.0 42.3 63.5#

39 43.3 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.658 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

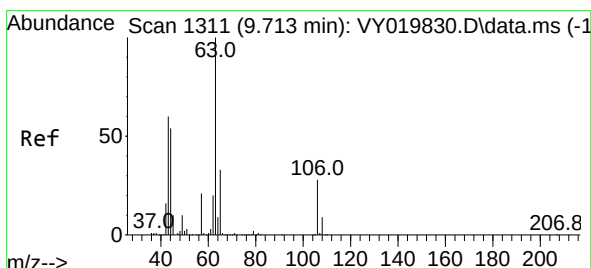
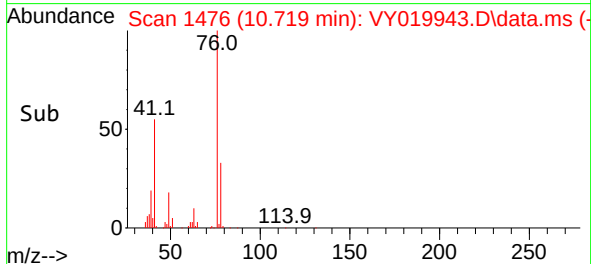
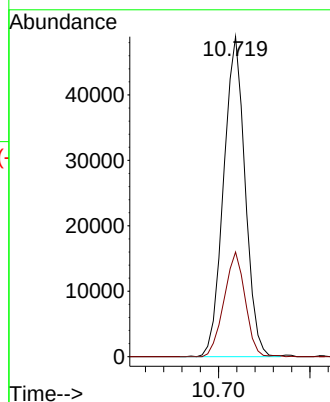
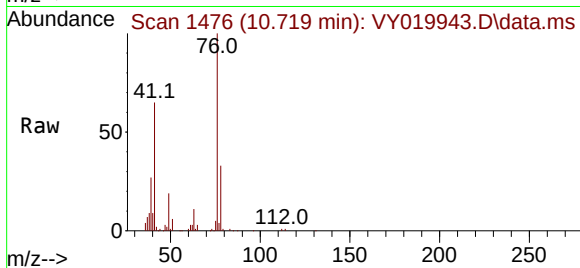
ClientSampleId :

Tgt Ion: 76 Resp: 79843

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.999 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019943.D

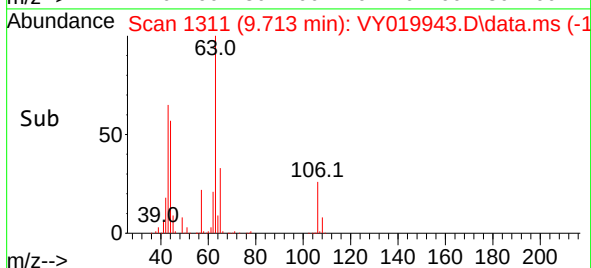
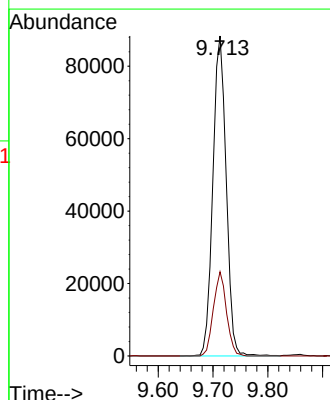
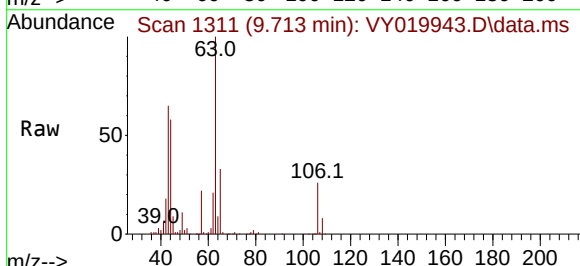
Acq: 18 Oct 2024 11:08

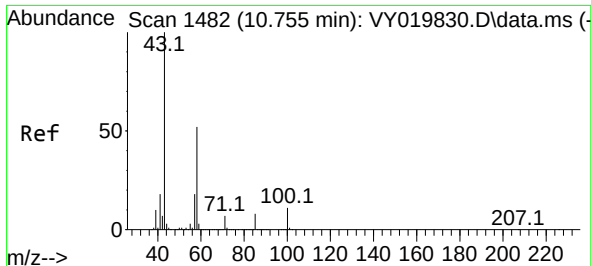
Tgt Ion: 63 Resp: 148640

Ion Ratio Lower Upper

63 100

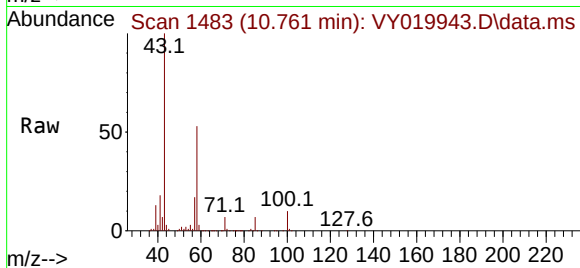
106 25.8 23.7 35.5



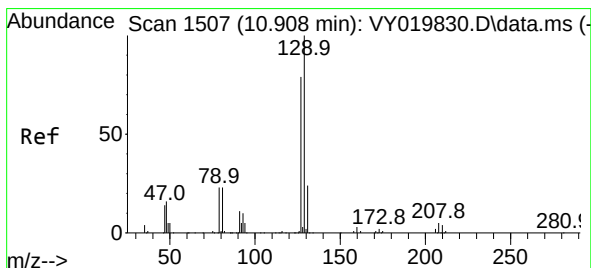
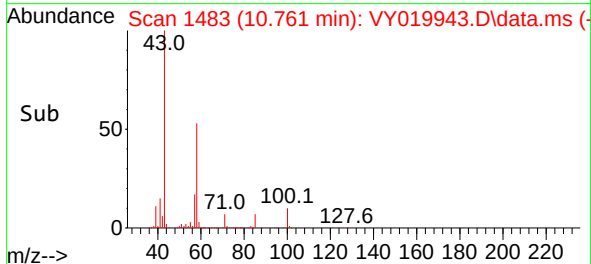
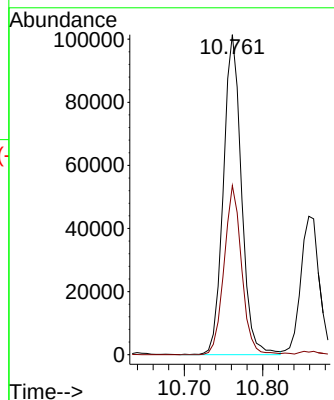


#59
2-Hexanone
Concen: 109.203 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Instrument :
MSVOA_Y
ClientSampleId :

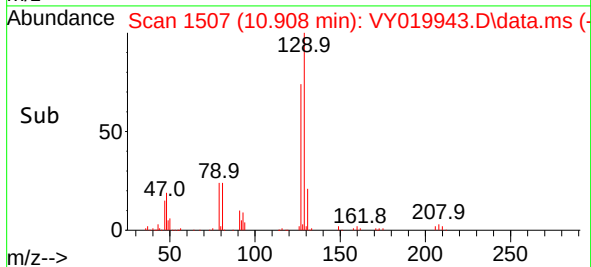
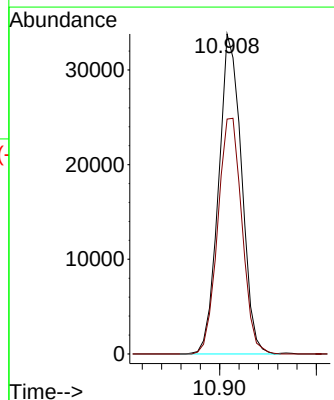
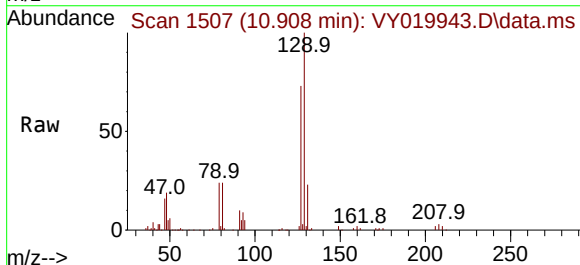


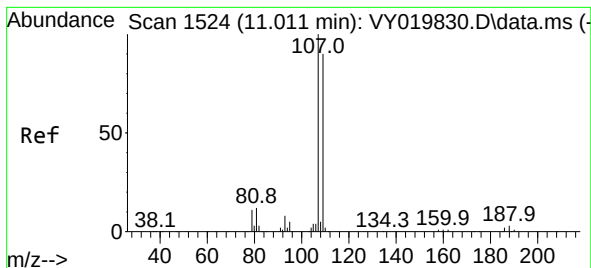
Tgt Ion: 43 Resp: 162877
Ion Ratio Lower Upper
43 100
58 51.5 31.4 94.0



#60
Dibromochloromethane
Concen: 20.603 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 129 Resp: 55514
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

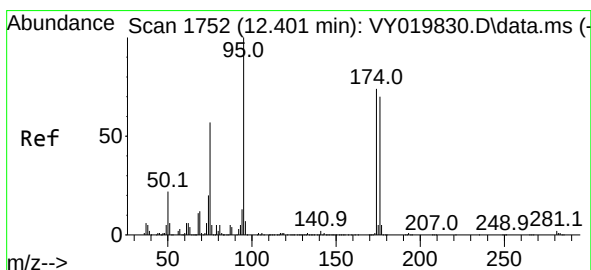
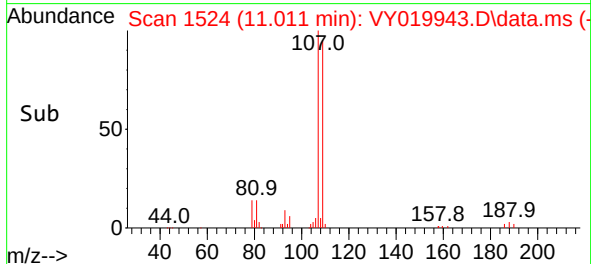
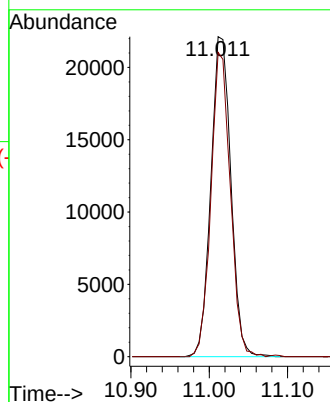
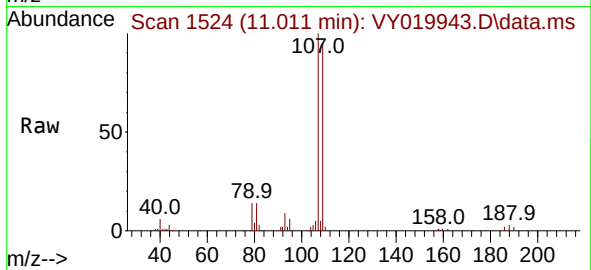




#61
1,2-Dibromoethane
Concen: 20.728 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

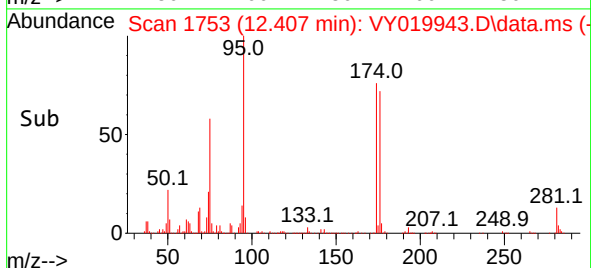
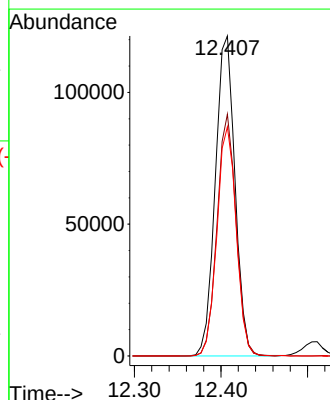
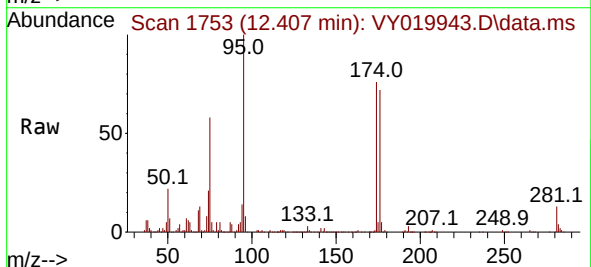
Instrument :
MSVOA_Y
ClientSampleId :

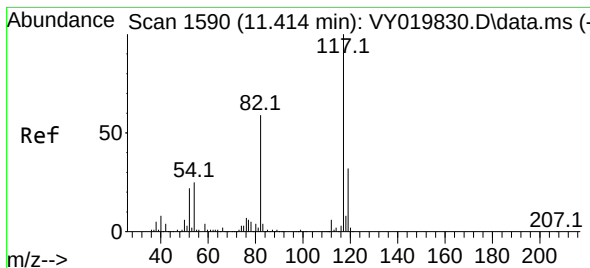
Tgt Ion:107 Resp: 39320
Ion Ratio Lower Upper
107 100
109 91.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 53.683 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 95 Resp: 191423
Ion Ratio Lower Upper
95 100
174 73.0 0.0 175.6
176 70.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

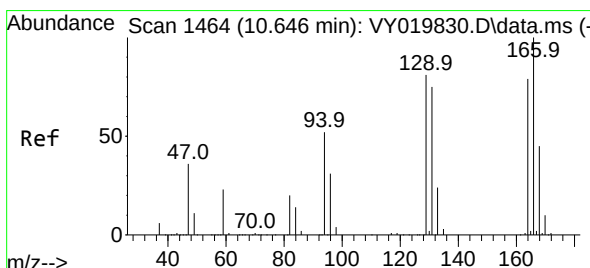
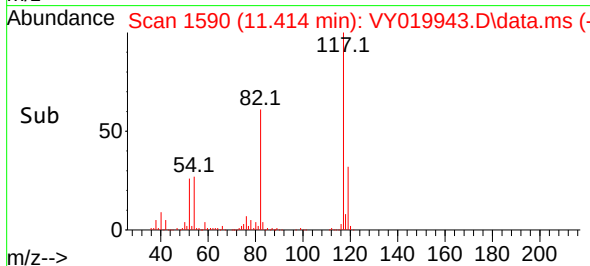
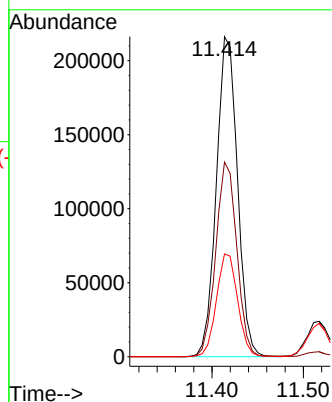
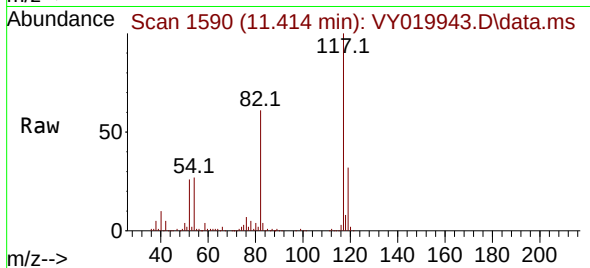
Tgt Ion:117 Resp: 347676

Ion Ratio Lower Upper

117 100

82 60.8 42.4 63.6

119 32.1 25.9 38.9



#64

Tetrachloroethene

Concen: 19.591 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Tgt Ion:164 Resp: 48448

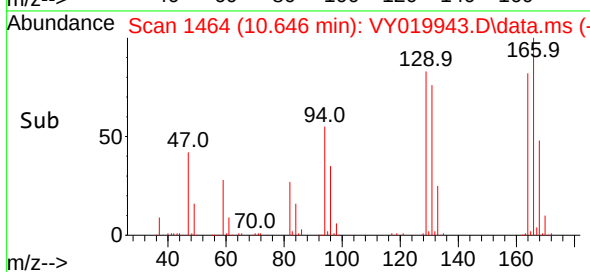
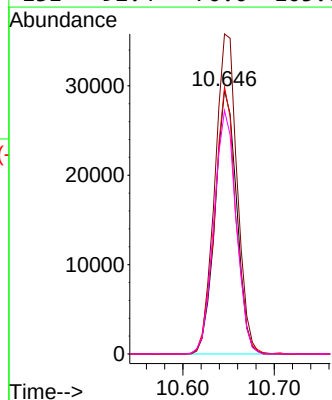
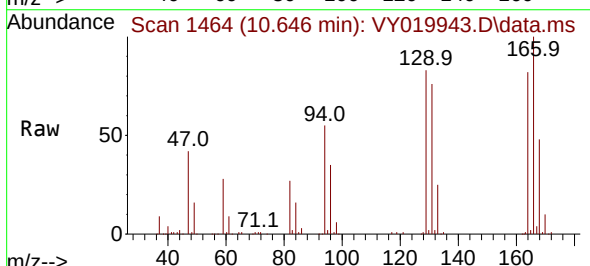
Ion Ratio Lower Upper

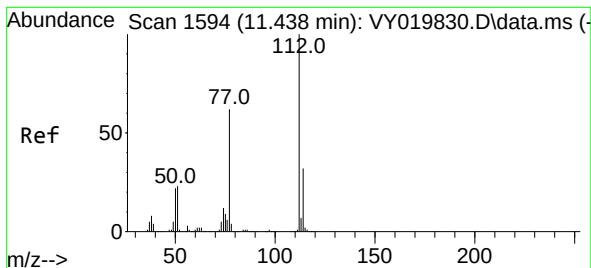
164 100

166 121.5 102.6 154.0

129 101.4 72.0 108.0

131 92.4 70.0 105.0





#65

Chlorobenzene

Concen: 20.982 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

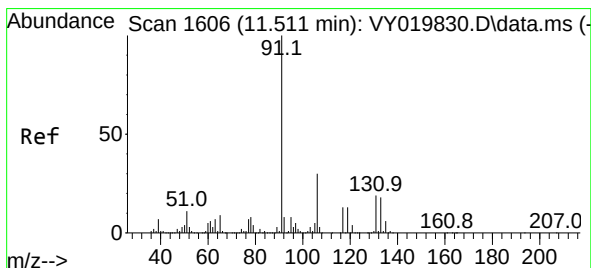
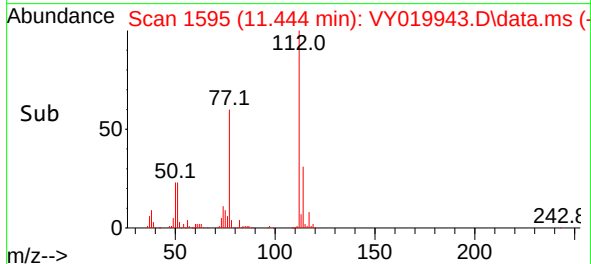
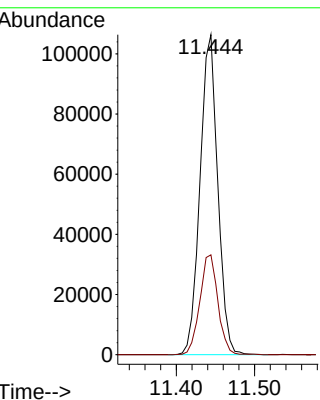
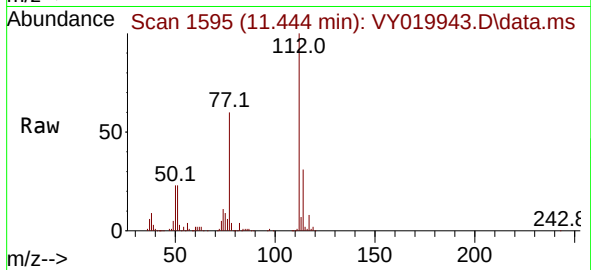
ClientSampleId :

Tgt Ion:112 Resp: 166856

Ion Ratio Lower Upper

112 100

114 31.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.904 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

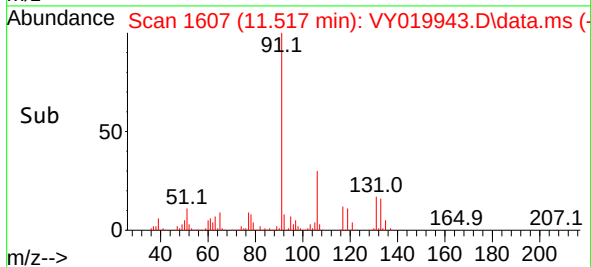
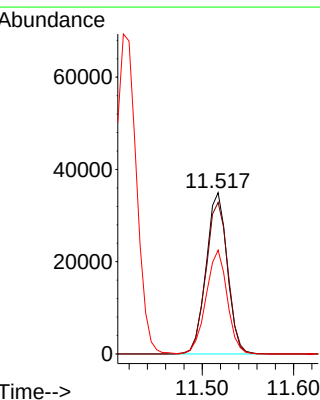
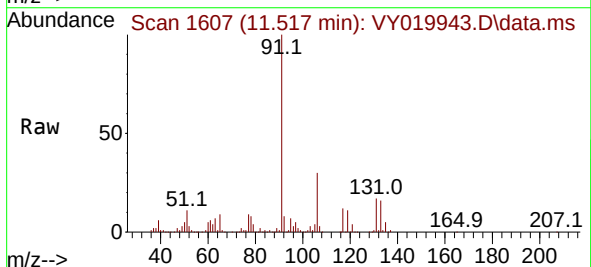
Tgt Ion:131 Resp: 56242

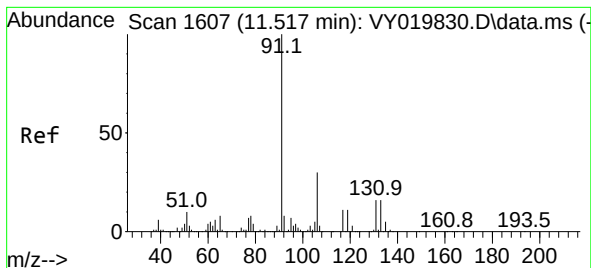
Ion Ratio Lower Upper

131 100

133 97.4 47.8 143.3

119 64.5 34.1 102.2





#67

Ethyl Benzene

Concen: 21.058 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

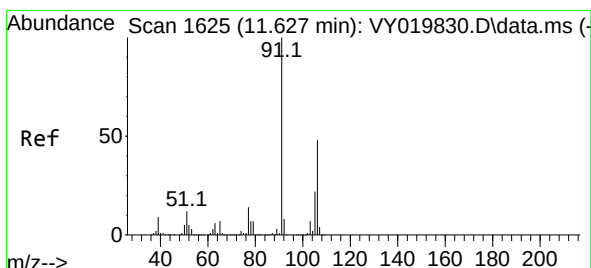
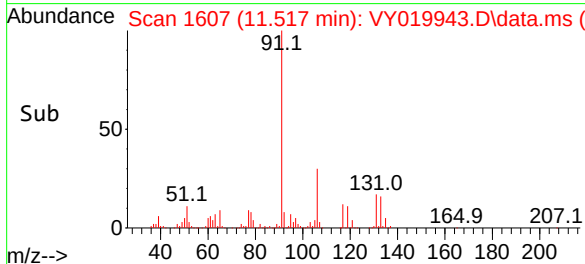
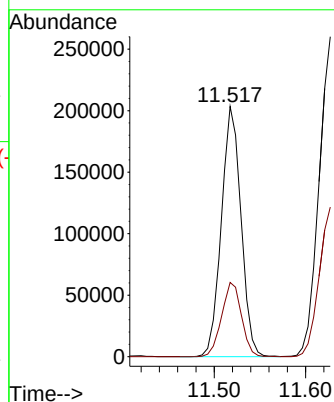
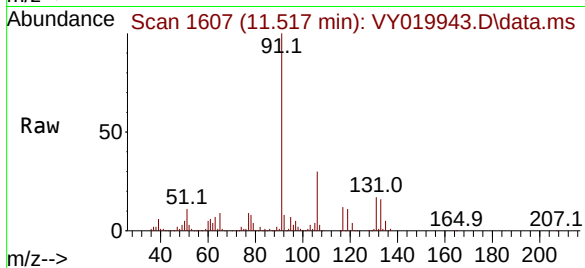
ClientSampleId :

Tgt Ion: 91 Resp: 304186

Ion Ratio Lower Upper

91 100

106 29.7 24.5 36.7



#68

m/p-Xylenes

Concen: 41.523 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019943.D

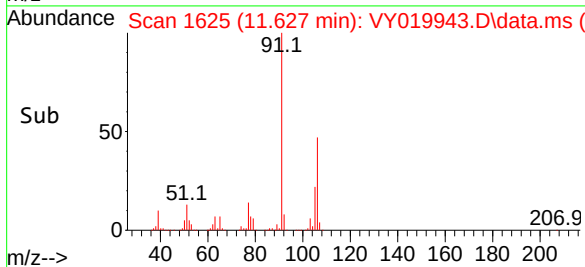
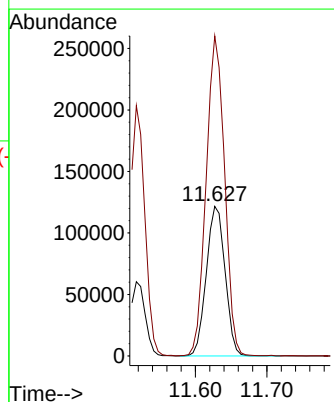
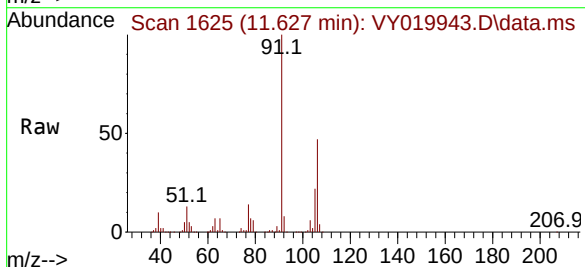
Acq: 18 Oct 2024 11:08

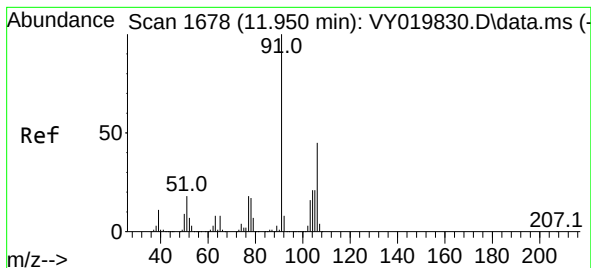
Tgt Ion:106 Resp: 221528

Ion Ratio Lower Upper

106 100

91 210.1 156.0 234.0





#69

o-Xylene

Concen: 20.851 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

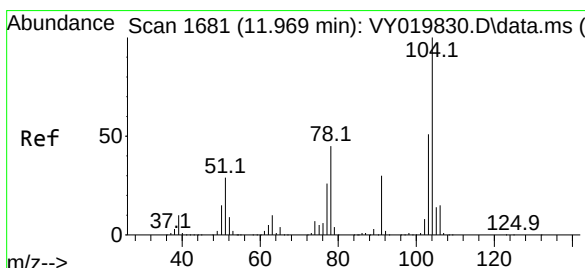
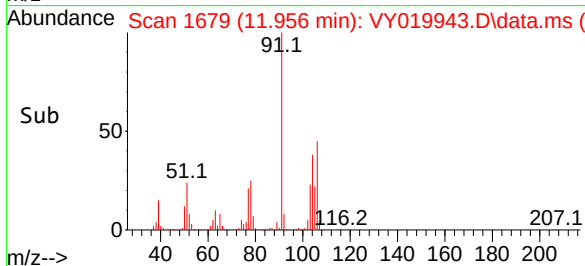
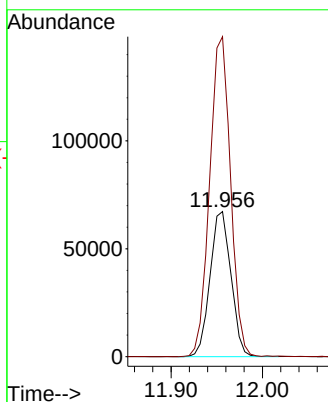
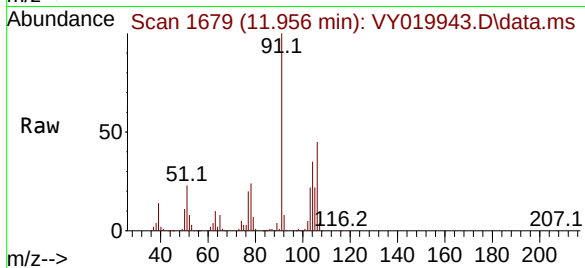
ClientSampleId :

Tgt Ion:106 Resp: 106878

Ion Ratio Lower Upper

106 100

91 220.6 103.6 310.8



#70

Styrene

Concen: 21.103 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

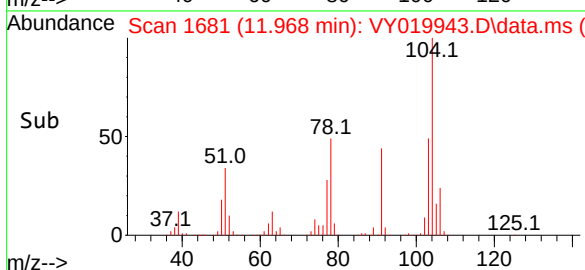
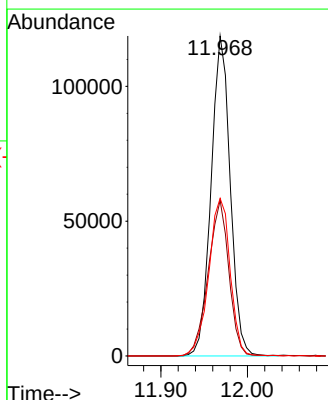
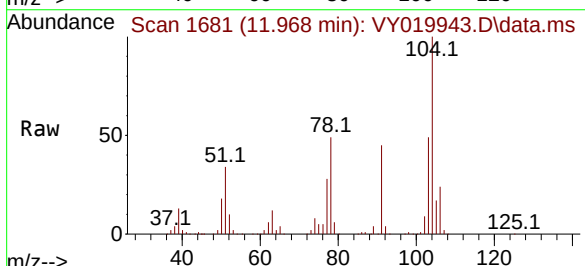
Tgt Ion:104 Resp: 182503

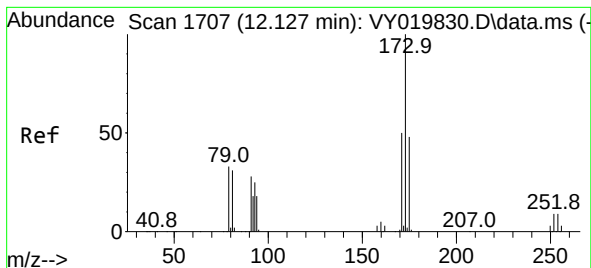
Ion Ratio Lower Upper

104 100

78 52.6 37.0 55.4

103 55.1 44.2 66.2





#71

Bromoform

Concen: 19.853 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019943.D

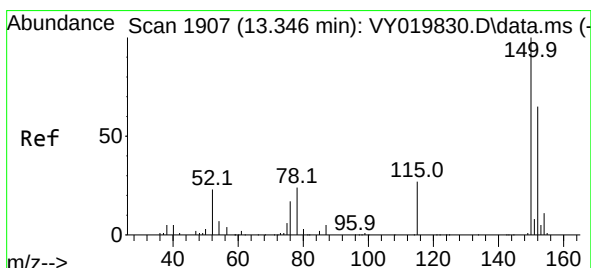
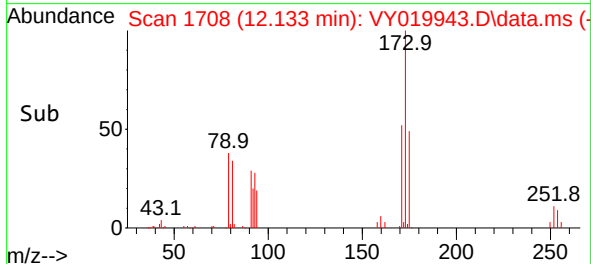
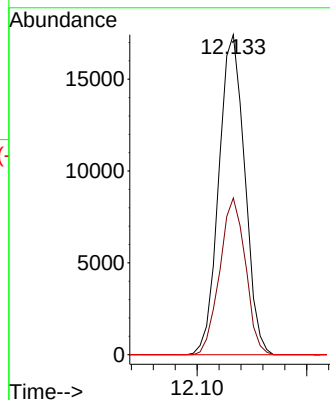
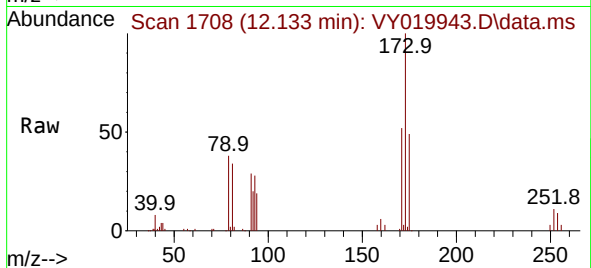
Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	28594
Ion Ratio	Lower	Upper
173	100	
175	48.5	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

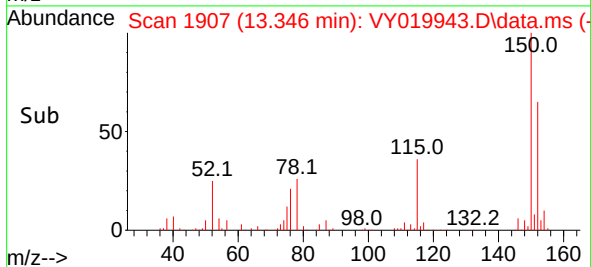
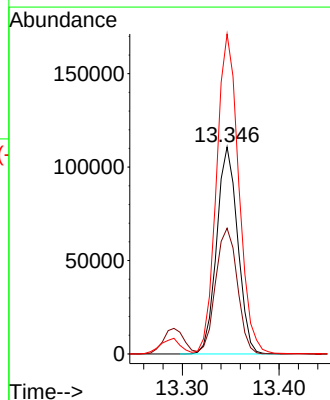
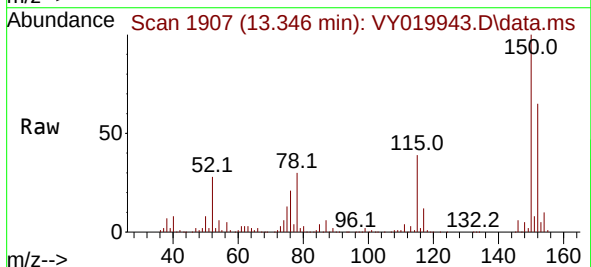
RT: 13.346 min Scan# 1907

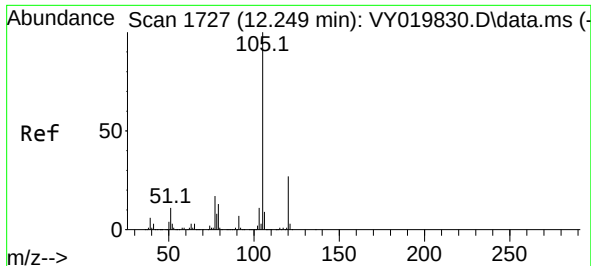
Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Tgt Ion:152	Resp:	166740
Ion Ratio	Lower	Upper
152	100	
115	62.9	28.2 84.7
150	164.4	0.0 345.6

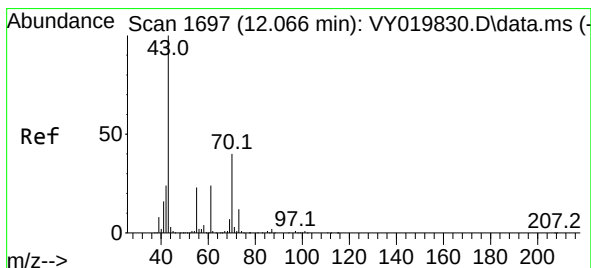
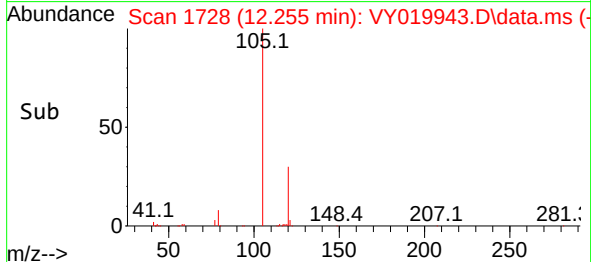
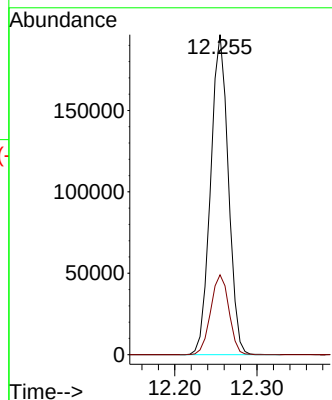
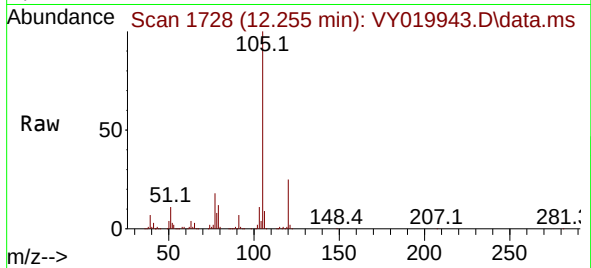




#73
Isopropylbenzene
Concen: 21.005 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

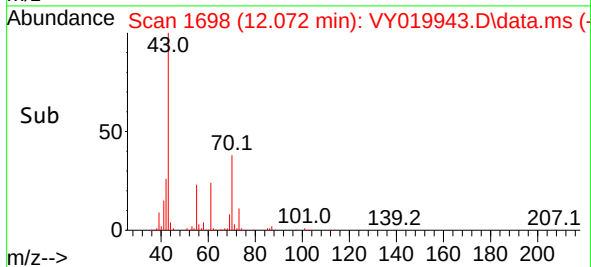
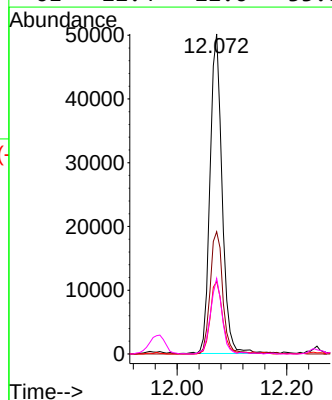
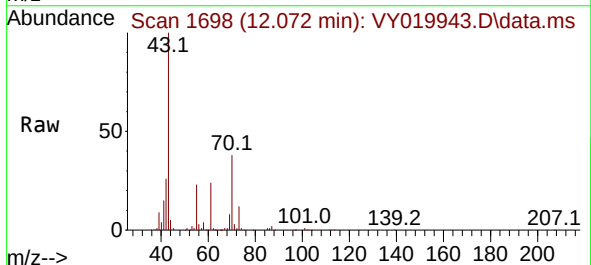
Instrument :
MSVOA_Y
ClientSampleId :

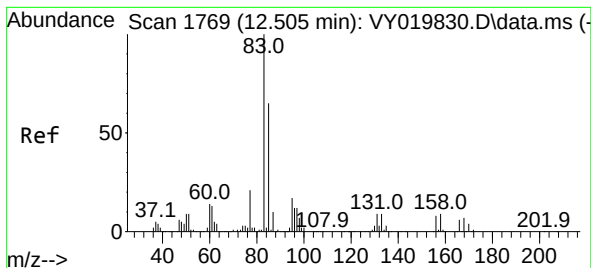
Tgt Ion:105 Resp: 294595
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-ethyl acetate
Concen: 20.589 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 43 Resp: 76480
Ion Ratio Lower Upper
43 100
70 39.9 41.4 62.2#
55 23.1 23.3 34.9#
61 22.4 22.6 33.8#

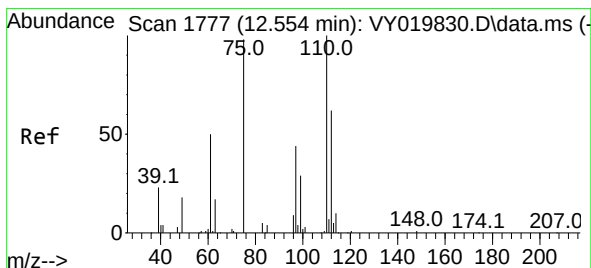
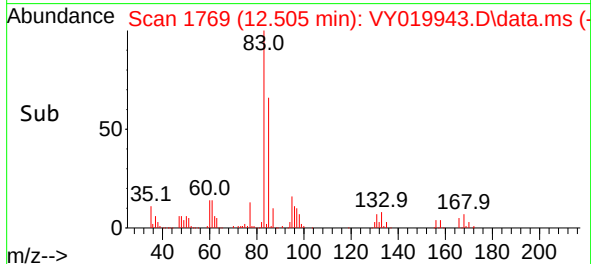
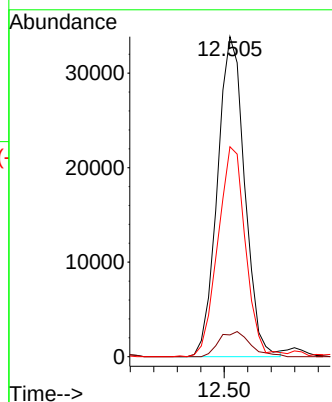
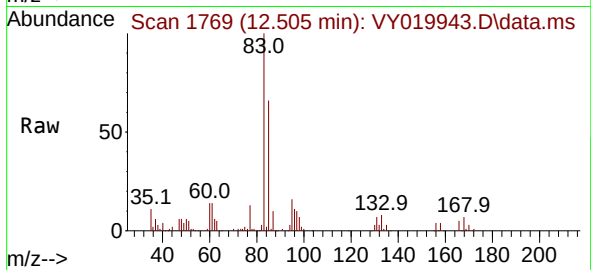




#75
1,1,2,2-Tetrachloroethane
Concen: 21.904 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

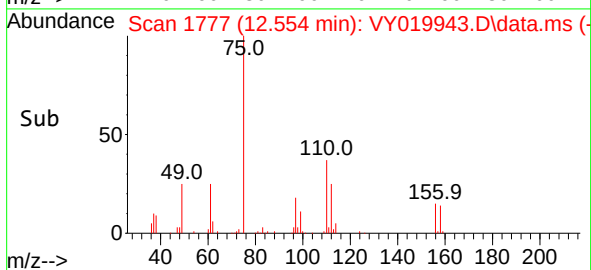
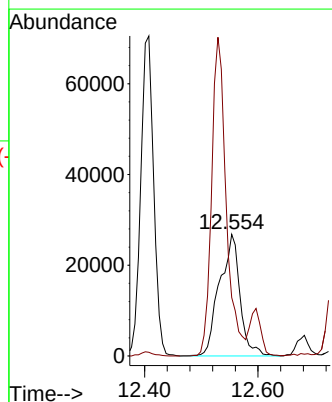
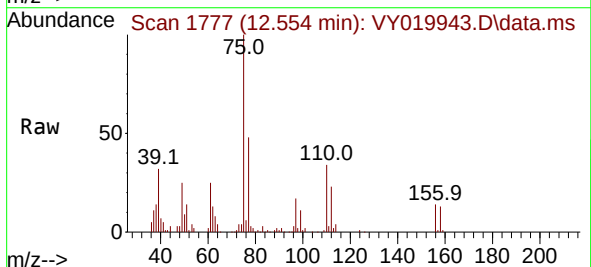
Instrument :
MSVOA_Y
ClientSampleId :

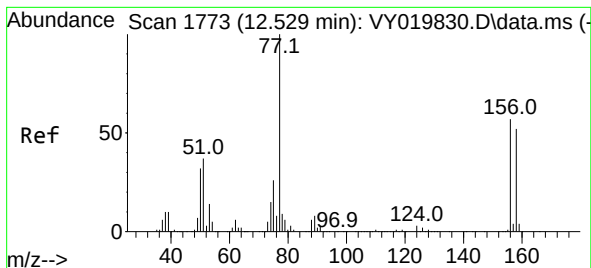
Tgt Ion: 83 Resp: 54586
Ion Ratio Lower Upper
83 100
131 9.0 5.0 14.9
85 66.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 20.599 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 75 Resp: 67286
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.076 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

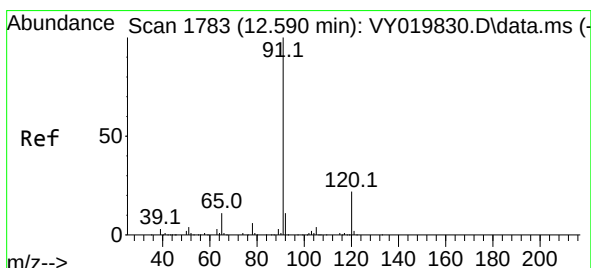
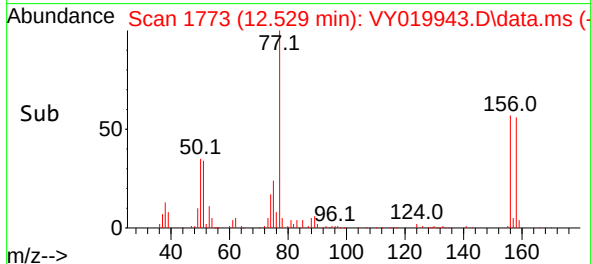
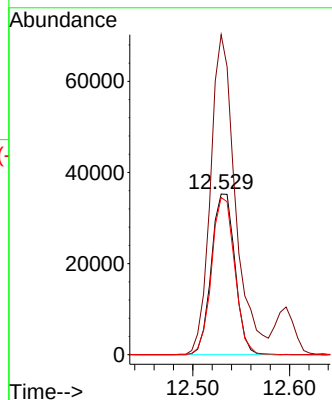
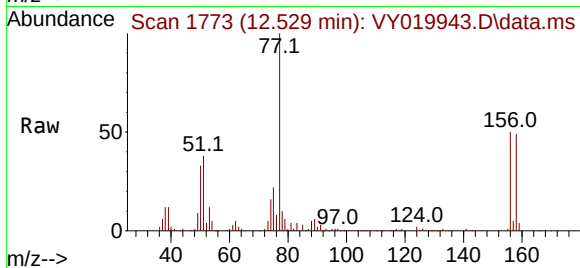
Tgt Ion:156 Resp: 59749

Ion Ratio Lower Upper

156 100

77 210.8 87.1 261.3

158 95.9 48.6 145.9



#78

n-propylbenzene

Concen: 21.788 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019943.D

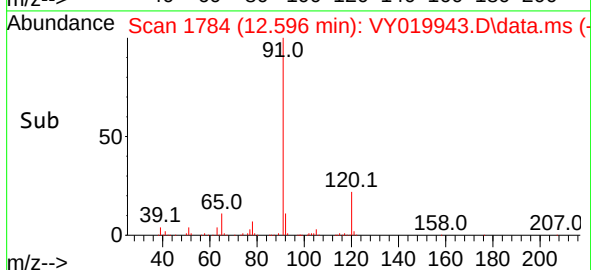
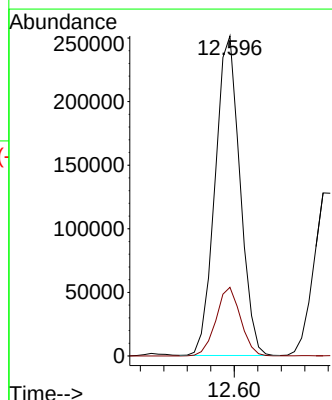
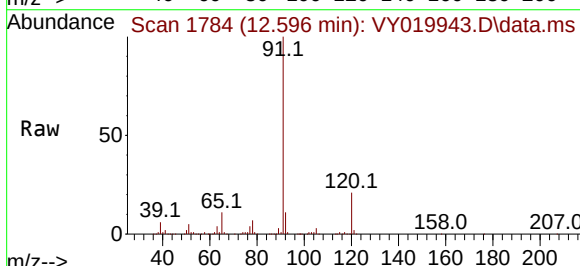
Acq: 18 Oct 2024 11:08

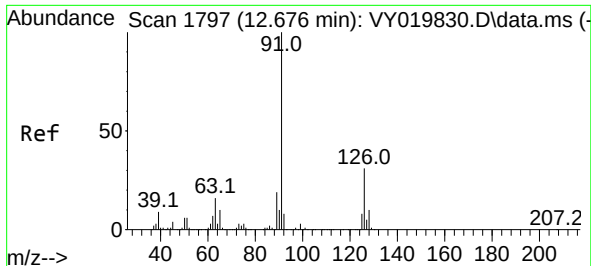
Tgt Ion: 91 Resp: 369231

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4

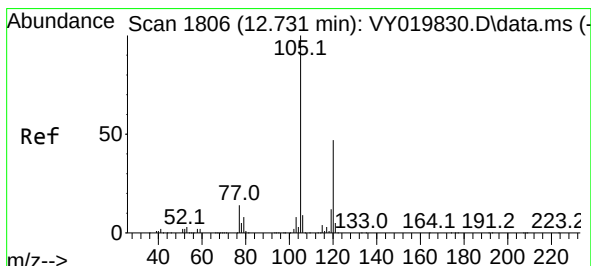
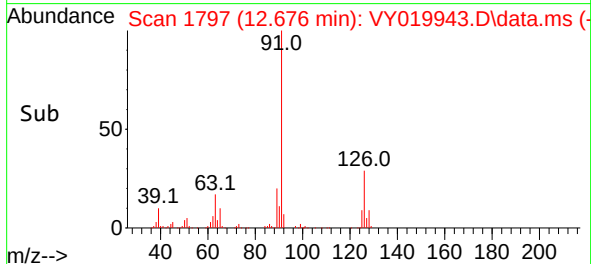
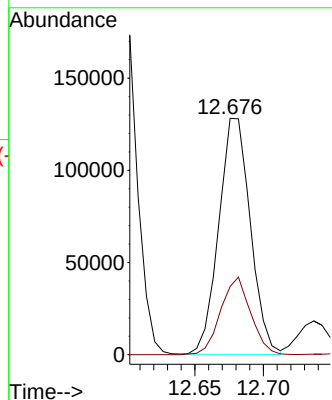
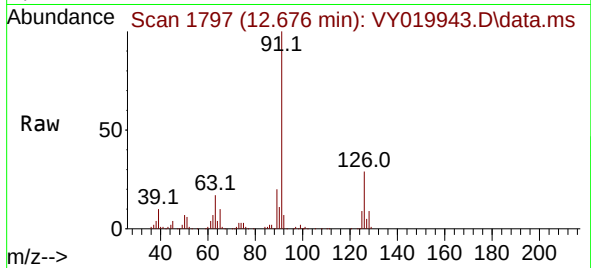




#79
2-Chlorotoluene
Concen: 21.150 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

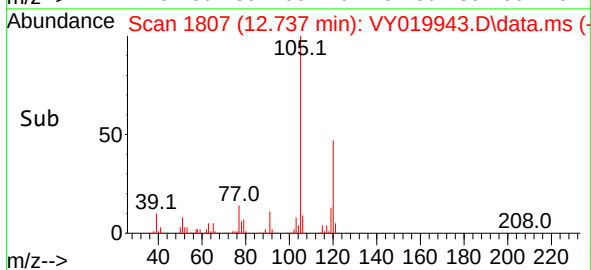
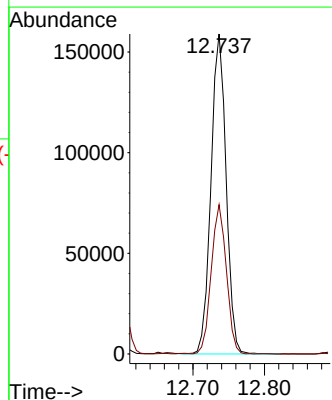
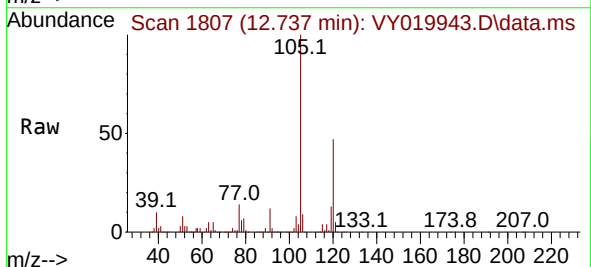
Instrument :
MSVOA_Y
ClientSampleId :

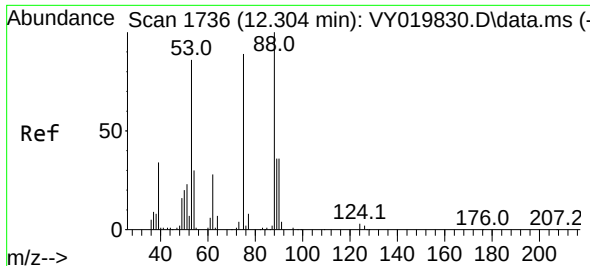
Tgt Ion: 91 Resp: 205485
Ion Ratio Lower Upper
91 100
126 31.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.632 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion:105 Resp: 233686
Ion Ratio Lower Upper
105 100
120 46.4 25.1 75.2

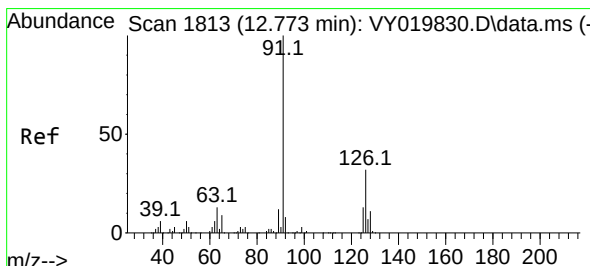
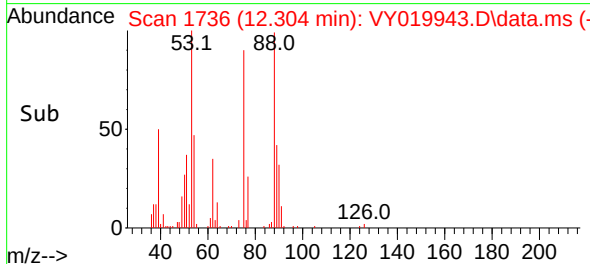
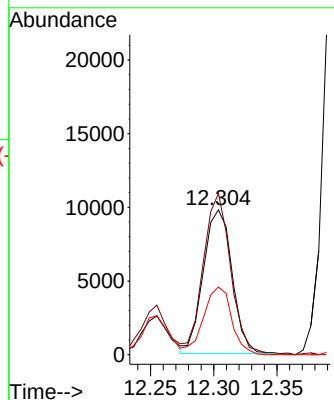
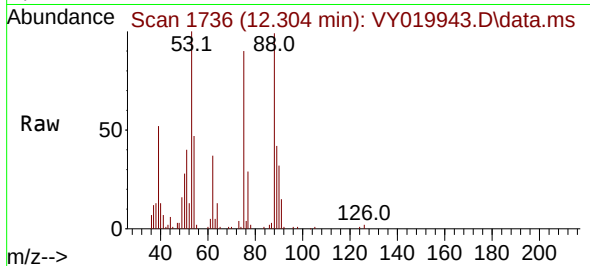




#81
trans-1,4-Dichloro-2-butene
Concen: 19.107 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

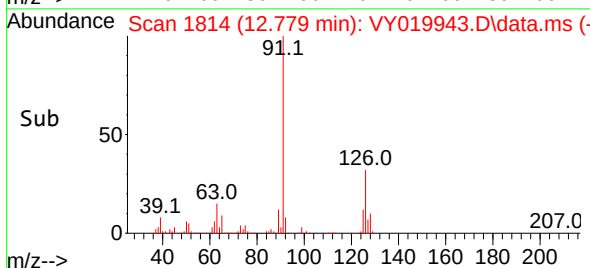
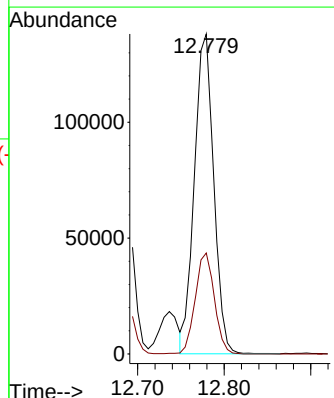
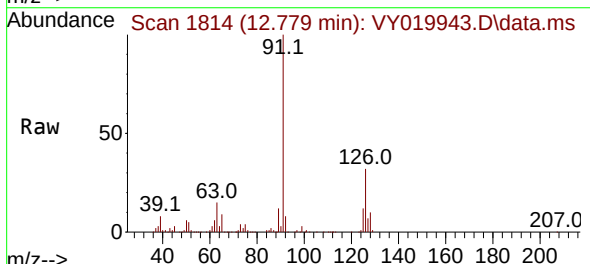
Instrument :
MSVOA_Y
ClientSampleId :

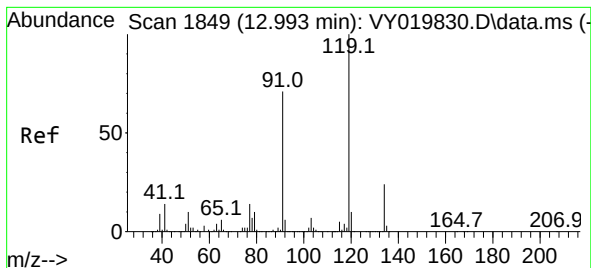
Tgt Ion: 75 Resp: 15462
Ion Ratio Lower Upper
75 100
53 107.4 66.8 100.2#
89 46.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.505 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019943.D
Acq: 18 Oct 2024 11:08

Tgt Ion: 91 Resp: 213627
Ion Ratio Lower Upper
91 100
126 31.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.481 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

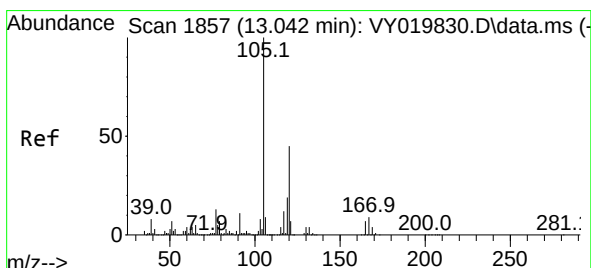
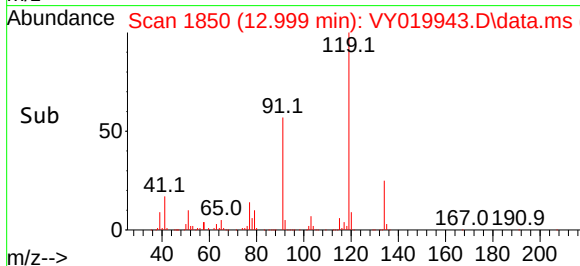
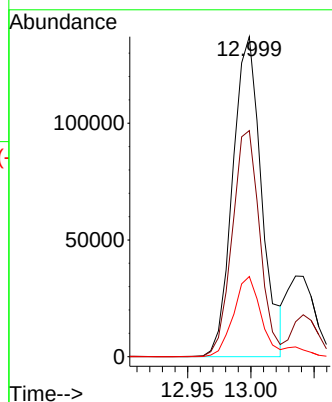
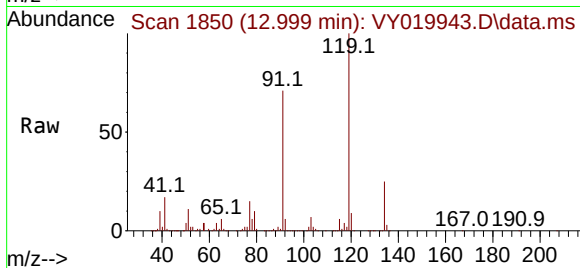
Tgt Ion:119 Resp: 217965

Ion Ratio Lower Upper

119 100

91 67.6 31.3 93.8

134 26.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.263 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019943.D

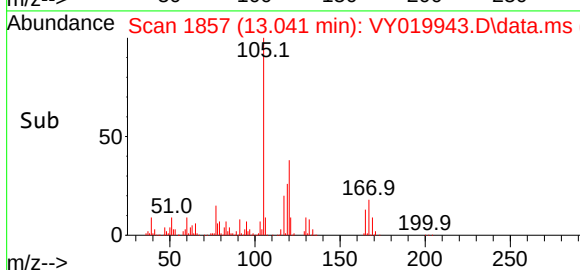
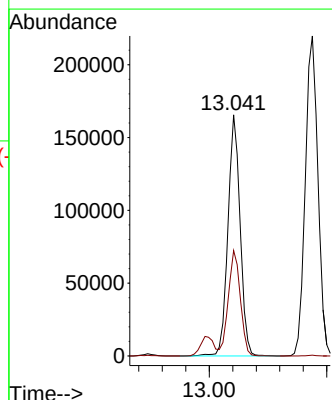
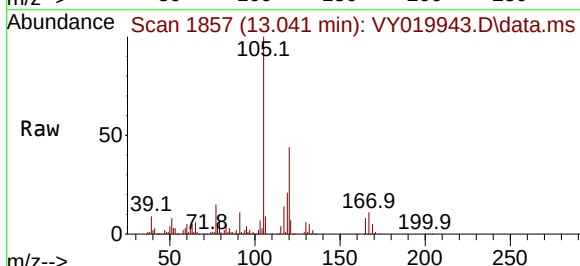
Acq: 18 Oct 2024 11:08

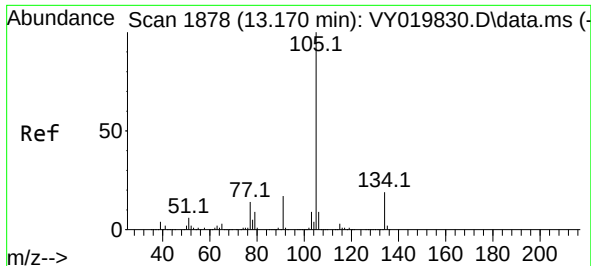
Tgt Ion:105 Resp: 238777

Ion Ratio Lower Upper

105 100

120 43.0 23.2 69.6

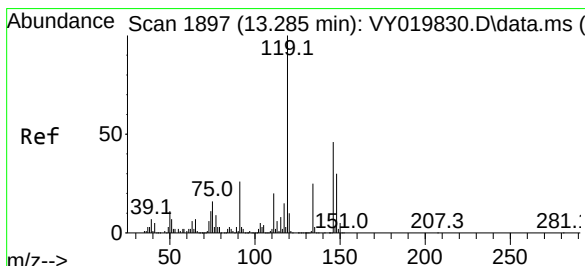
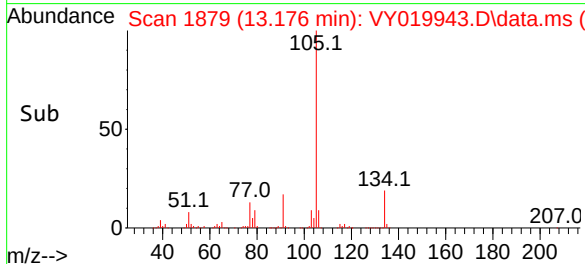
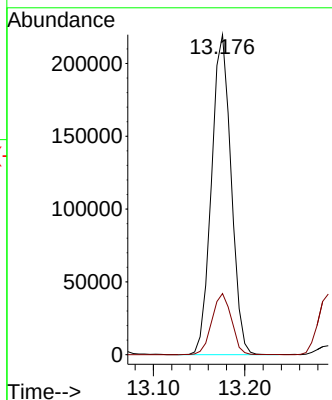
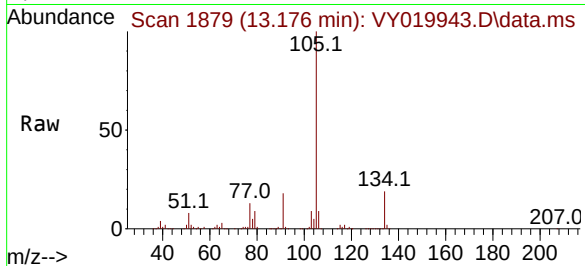




#85
 sec-Butylbenzene
 Concen: 21.589 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY019943.D
 Acq: 18 Oct 2024 11:08

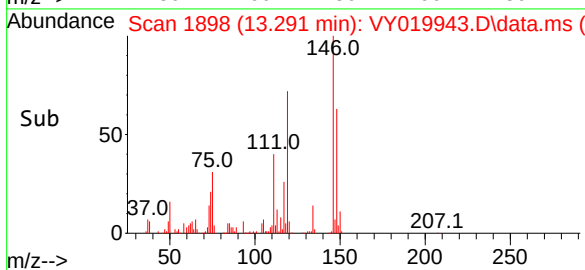
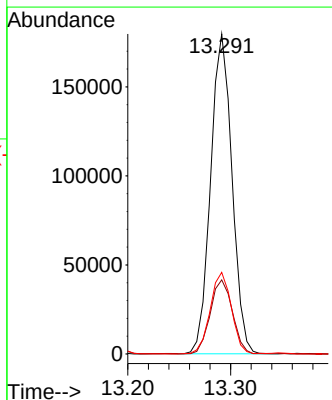
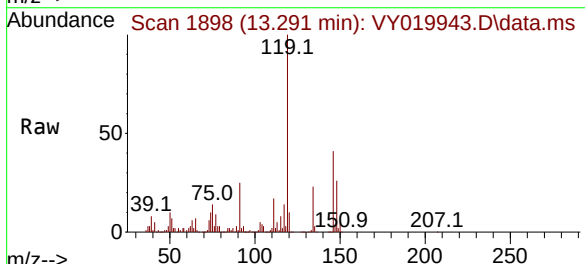
Instrument :
 MSVOA_Y
 ClientSampleId :

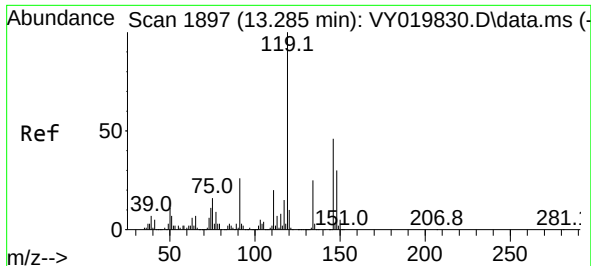
Tgt Ion:105 Resp: 327291
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.017 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019943.D
 Acq: 18 Oct 2024 11:08

Tgt Ion:119 Resp: 258728
 Ion Ratio Lower Upper
 119 100
 134 24.1 13.1 39.3
 91 25.4 10.7 32.1

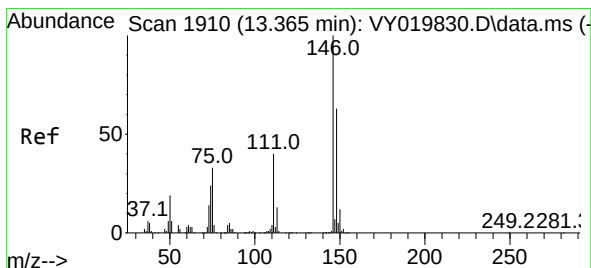
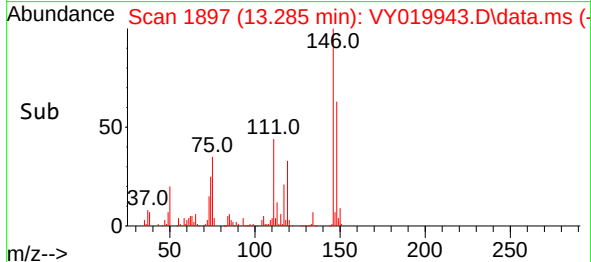
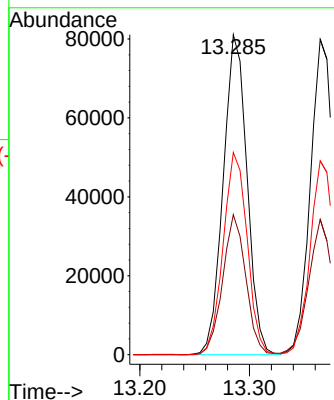
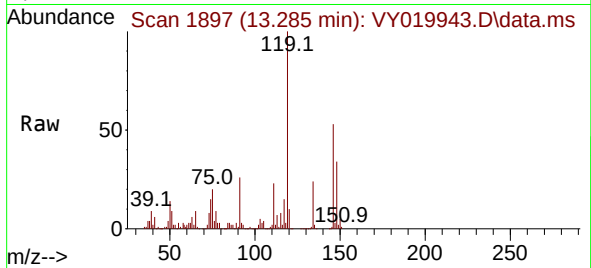




#87
 1,3-Dichlorobenzene
 Concen: 20.369 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY019943.D
 Acq: 18 Oct 2024 11:08

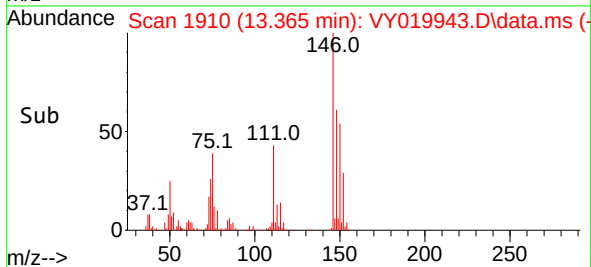
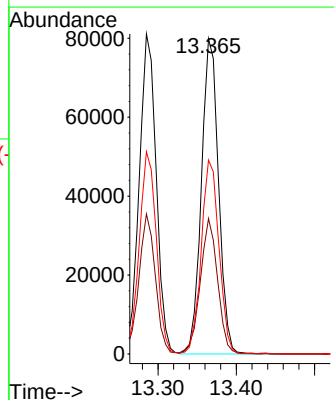
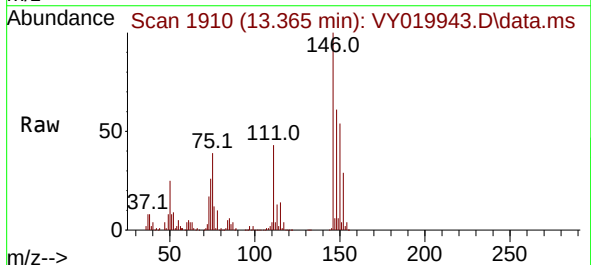
Instrument :
 MSVOA_Y
 ClientSampleId :

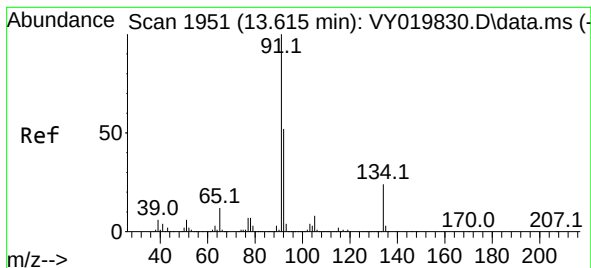
Tgt Ion:146 Resp: 122421
 Ion Ratio Lower Upper
 146 100
 111 42.5 19.0 57.0
 148 63.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.556 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY019943.D
 Acq: 18 Oct 2024 11:08

Tgt Ion:146 Resp: 121374
 Ion Ratio Lower Upper
 146 100
 111 43.7 18.4 55.4
 148 63.3 32.4 97.2





#89

n-Butylbenzene

Concen: 21.437 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

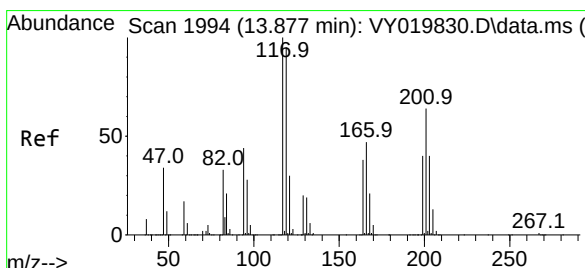
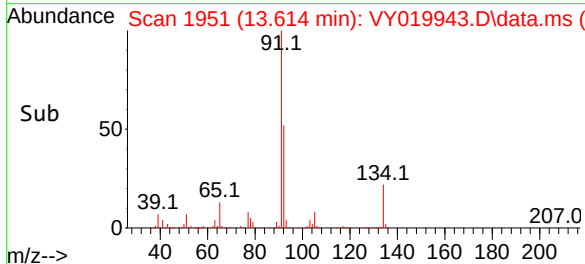
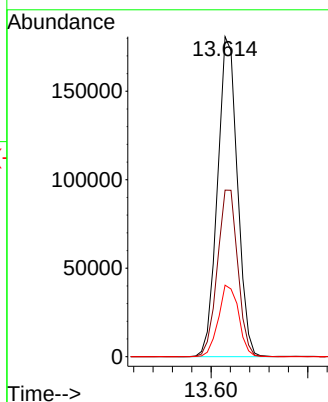
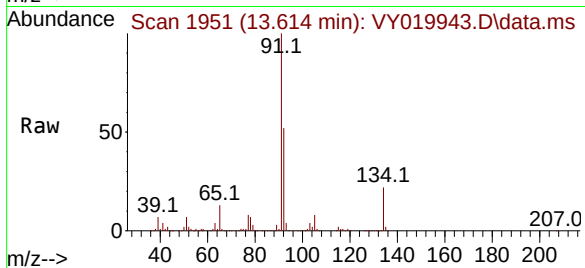
Tgt Ion: 91 Resp: 257688

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 22.8 12.9 38.7



#90

Hexachloroethane

Concen: 20.997 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019943.D

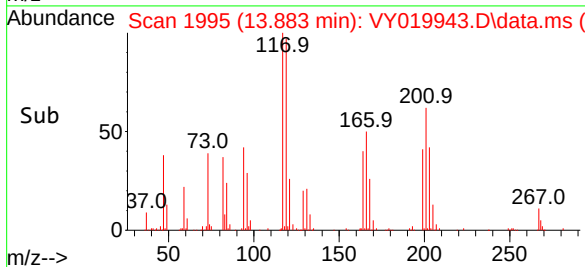
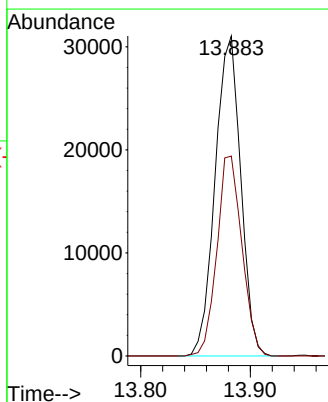
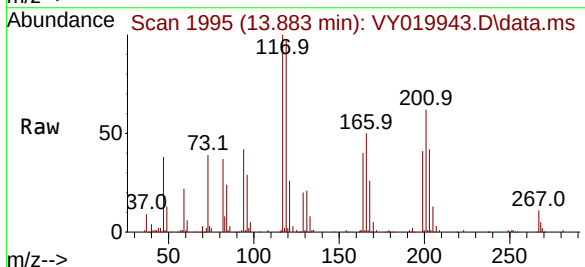
Acq: 18 Oct 2024 11:08

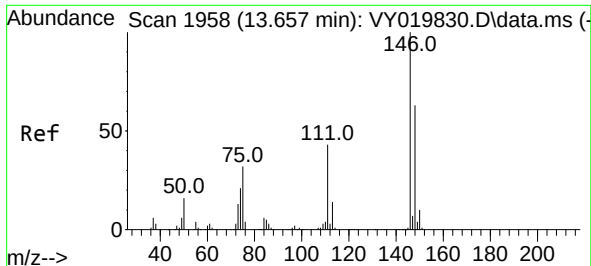
Tgt Ion: 117 Resp: 50332

Ion Ratio Lower Upper

117 100

201 61.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.462 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

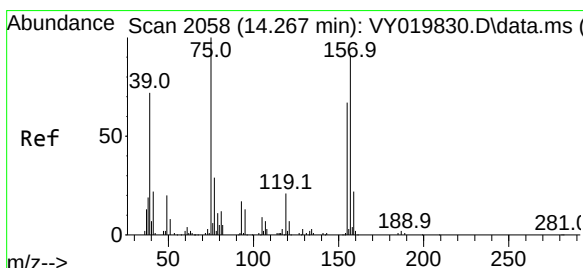
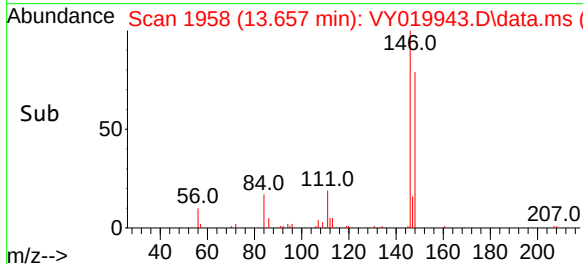
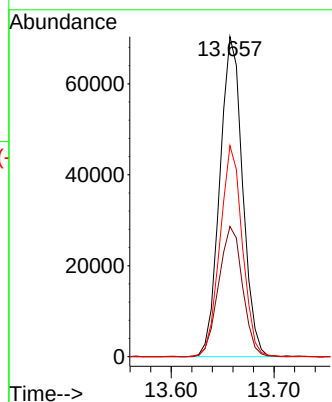
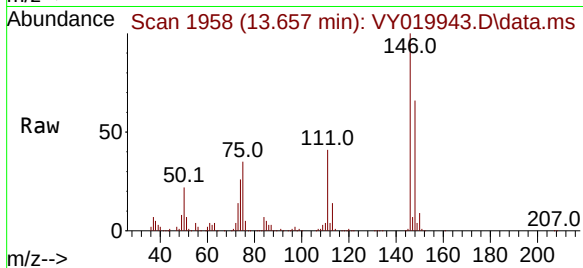
Tgt Ion:146 Resp: 108061

Ion Ratio Lower Upper

146 100

111 42.6 19.9 59.7

148 64.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.110 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

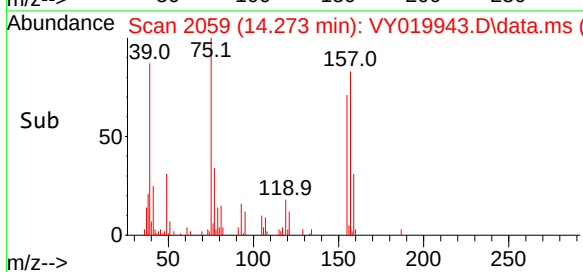
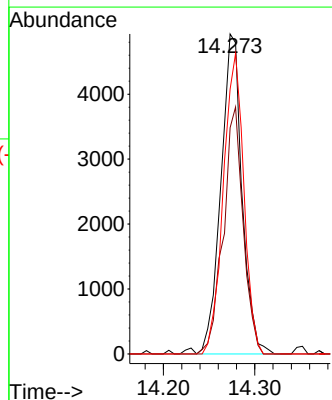
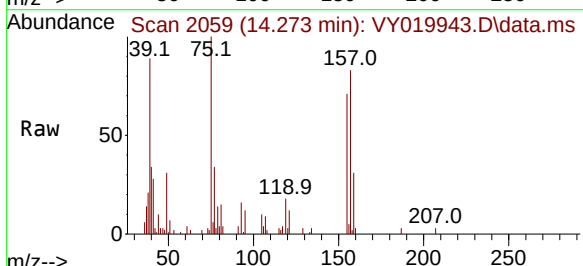
Tgt Ion: 75 Resp: 7998

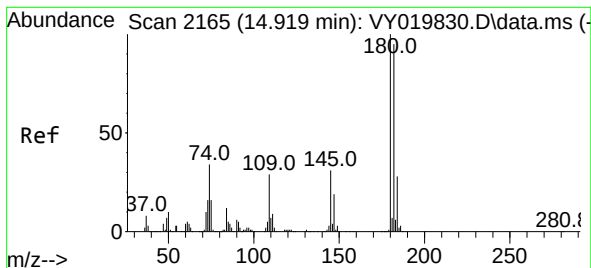
Ion Ratio Lower Upper

75 100

155 71.9 48.6 145.8

157 90.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.626 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

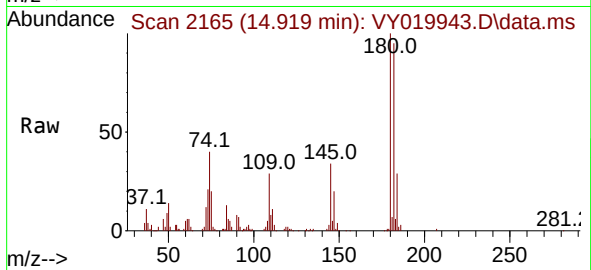
Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :



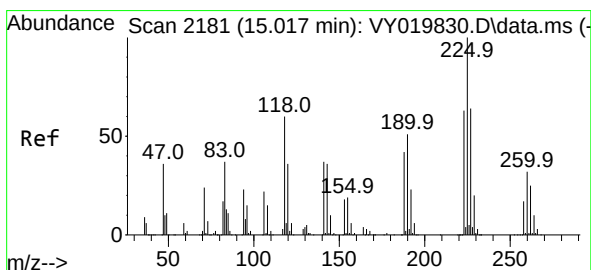
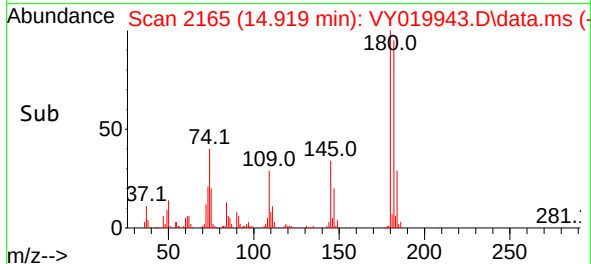
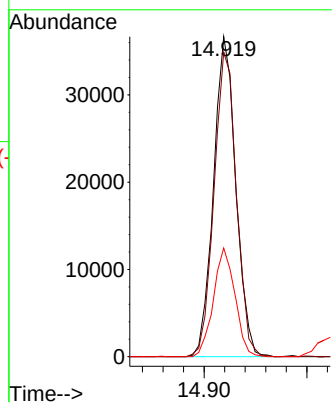
Tgt Ion:180 Resp: 55156

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 32.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.799 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

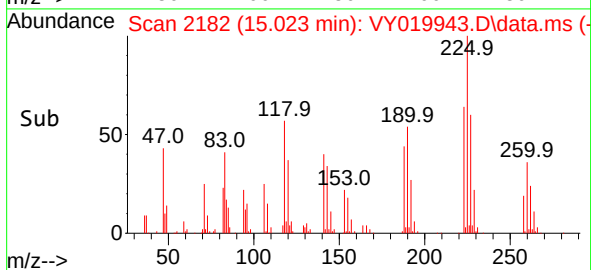
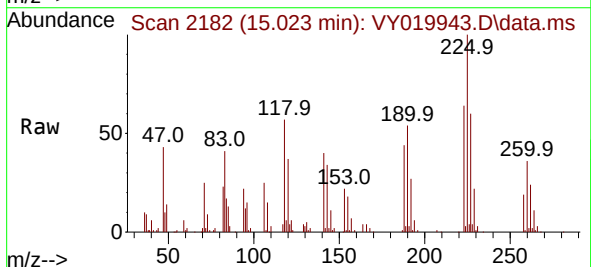
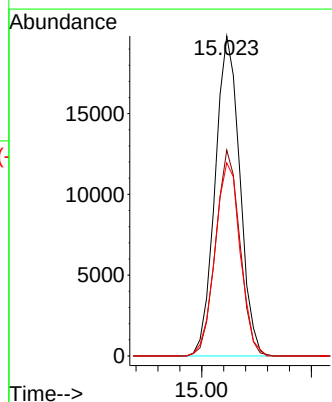
Tgt Ion:225 Resp: 30949

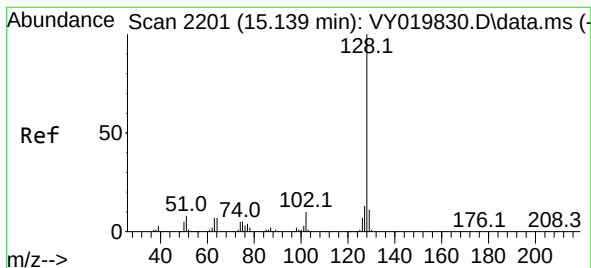
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 61.9 31.9 95.9





#95

Naphthalene

Concen: 18.283 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

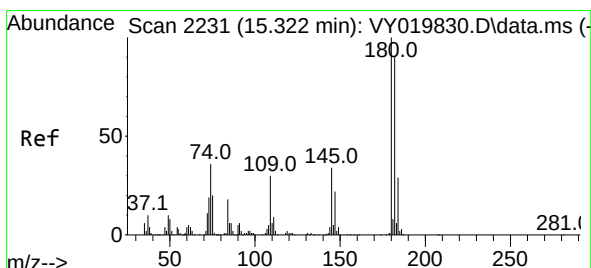
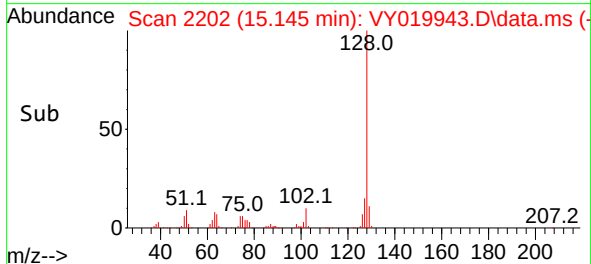
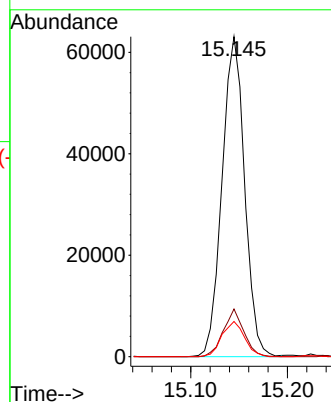
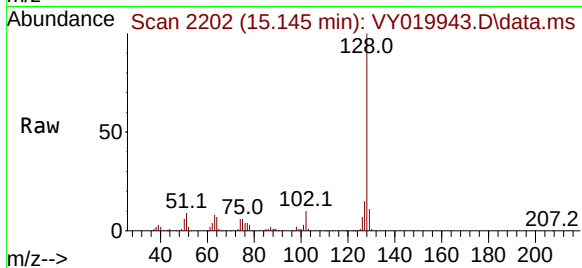
Tgt Ion:128 Resp: 102113

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.571 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019943.D

Acq: 18 Oct 2024 11:08

Tgt Ion:180 Resp: 46488

Ion Ratio Lower Upper

180 100

182 93.5 47.6 142.9

145 34.2 15.4 46.1

