

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019347.D
 Acq On : 28 Aug 2024 22:16
 Operator : SY/MD
 Sample : P3660-07MSD
 Misc : 6.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:41:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	58946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	87273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	49374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	14603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	34961	59.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.340%
35) Dibromofluoromethane	7.622	113	33580	58.846	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.700%
50) Toluene-d8	10.103	98	104281	50.781	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.407	95	18260	26.084	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	52.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	26557	61.407	ug/l	98
3) Chloromethane	2.062	50	42234	54.179	ug/l	95
4) Vinyl Chloride	2.196	62	53974	56.054	ug/l	98
5) Bromomethane	2.586	94	36452	63.611	ug/l	98
6) Chloroethane	2.726	64	32472	53.422	ug/l	96
7) Trichlorofluoromethane	3.043	101	70696	48.563	ug/l	99
8) Diethyl Ether	3.446	74	16943	53.920	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.799	101	35170	54.343	ug/l	97
10) Methyl Iodide	3.988	142	33382	52.623	ug/l	94
11) Tert butyl alcohol	4.836	59	13638	275.011	ug/l #	81
12) 1,1-Dichloroethene	3.775	96	32803	55.789	ug/l	93
14) Allyl chloride	4.372	41	31917	40.827	ug/l	93
15) Acrylonitrile	5.043	53	38784	301.649	ug/l	98
16) Acetone	3.848	43	49399	450.795	ug/l #	76
17) Carbon Disulfide	4.092	76	80881	48.769	ug/l	100
18) Methyl Acetate	4.366	43	74701	222.114	ug/l	92
19) Methyl tert-butyl Ether	5.104	73	84419	59.220	ug/l	97
20) Methylene Chloride	4.598	84	41166	63.186	ug/l	95
21) trans-1,2-Dichloroethene	5.098	96	35647	54.265	ug/l	93
22) Diisopropyl ether	6.006	45	97546	54.506	ug/l	97
23) Vinyl Acetate	6.006	43	54100	38.183	ug/l #	67
24) 1,1-Dichloroethane	5.902	63	62382	56.999	ug/l	98
25) 2-Butanone	6.878	43	51085	289.469	ug/l #	86
26) 2,2-Dichloropropane	6.872	77	47302	53.372	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	40879	52.879	ug/l	98
28) Bromochloromethane	7.238	49	25797	56.191	ug/l	98
29) Tetrahydrofuran	7.250	42	33763	297.616	ug/l	87
30) Chloroform	7.414	83	69743	57.188	ug/l	99
31) Cyclohexane	7.689	56	42650	50.503	ug/l	96
32) 1,1,1-Trichloroethane	7.603	97	63599	59.342	ug/l	98
36) 1,1-Dichloropropene	7.823	75	45662	58.272	ug/l	99
37) Ethyl Acetate	6.975	43	7436	21.419	ug/l #	77
38) Carbon Tetrachloride	7.805	117	54223	59.710	ug/l	94
39) Methylcyclohexane	9.103	83	38540	38.326	ug/l	96
40) Benzene	8.073	78	140339	58.396	ug/l	99
41) Methacrylonitrile	7.256	41	21283	112.318	ug/l #	32

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.152	62	41176	63.448	ug/l	95
43) Isopropyl Acetate	8.195	43	18406	26.215	ug/l #	78
44) Trichloroethene	8.859	130	35767	53.338	ug/l	99
45) 1,2-Dichloropropane	9.134	63	30998	57.892	ug/l	96
46) Dibromomethane	9.225	93	19512	56.184	ug/l	99
47) Bromodichloromethane	9.420	83	49915	58.583	ug/l	99
48) Methyl methacrylate	9.219	41	27547	88.036	ug/l	83
49) 1,4-Dioxane	9.213	88	5734	1362.985	ug/l #	96
51) 4-Methyl-2-Pentanone	9.999	43	117498	315.301	ug/l	90
52) Toluene	10.170	92	80429	50.984	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	36861	52.152	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	44332	52.154	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	21980	49.164	ug/l	94
56) Ethyl methacrylate	10.438	69	14400	24.608	ug/l #	79
57) 1,3-Dichloropropane	10.713	76	36501	50.083	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	66538	239.681	ug/l	95
59) 2-Hexanone	10.761	43	59277	231.532	ug/l	95
60) Dibromochloromethane	10.908	129	27802	45.657	ug/l	100
61) 1,2-Dibromoethane	11.011	107	21009	48.619	ug/l	98
64) Tetrachloroethene	10.646	164	24238	56.163	ug/l	94
65) Chlorobenzene	11.438	112	59747	52.553	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	24844	62.140	ug/l	96
67) Ethyl Benzene	11.517	91	103284	52.342	ug/l	96
68) m/p-Xylenes	11.627	106	70804	90.429	ug/l	97
69) o-Xylene	11.956	106	30376	41.894	ug/l	99
70) Styrene	11.968	104	47518	38.431	ug/l	97
71) Bromoform	12.133	173	11571	50.628	ug/l #	98
73) Isopropylbenzene	12.255	105	74117	66.220	ug/l	99
74) N-amyl acetate	12.072	43	465	1.905	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.505	83	19210	96.407	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	22955	159.396	ug/l #	100
77) Bromobenzene	12.529	156	19255	71.634	ug/l	97
78) n-propylbenzene	12.596	91	83743	62.589	ug/l	99
79) 2-Chlorotoluene	12.682	91	48464	64.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	47997	52.640	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	4428	75.936	ug/l	90
82) 4-Chlorotoluene	12.779	91	45871	58.777	ug/l	95
83) tert-Butylbenzene	12.999	119	51588	61.266	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	56832	62.539	ug/l	99
85) sec-Butylbenzene	13.176	105	54378	44.316	ug/l	97
86) p-Isopropyltoluene	13.291	119	43616	43.274	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	24220	45.689	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	23567	44.724	ug/l	97
89) n-Butylbenzene	13.621	91	29570	32.179	ug/l	96
90) Hexachloroethane	13.877	117	8022	40.380	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	20699	44.397	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2974	101.456	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	5979	22.740	ug/l	100
94) Hexachlorobutadiene	15.023	225	3570	26.068	ug/l	97
95) Naphthalene	15.145	128	15614	33.275	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	4724	21.303	ug/l	99

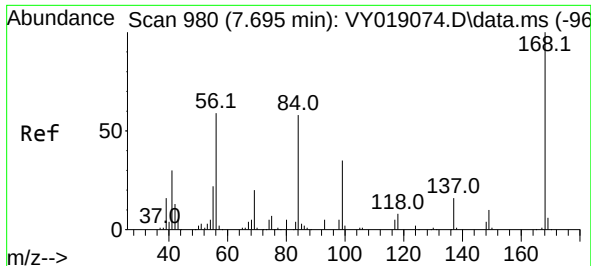
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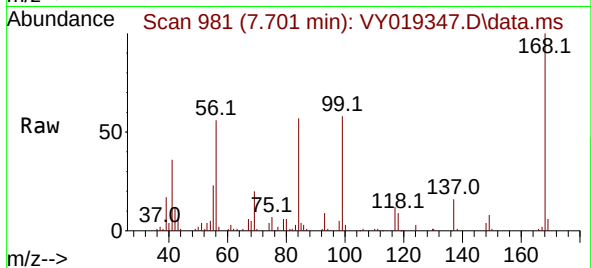
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

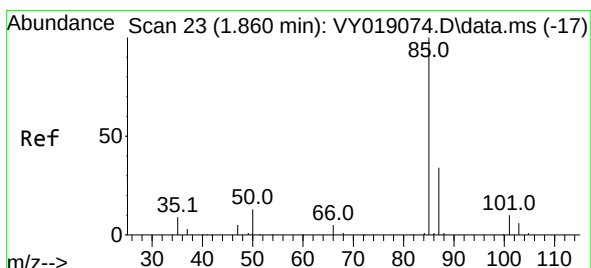
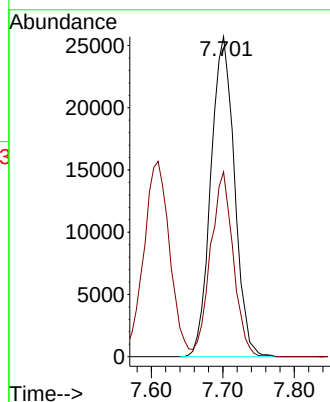
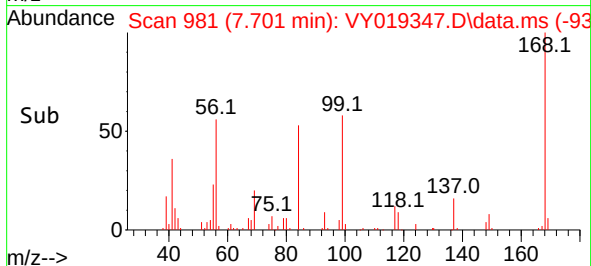


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Instrument :
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ClientSampleId :

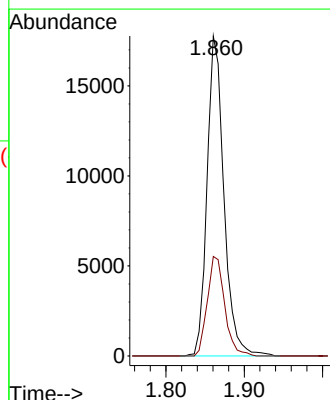
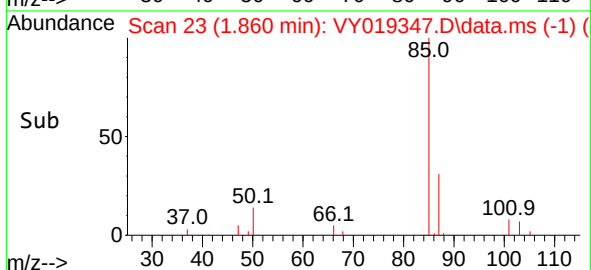
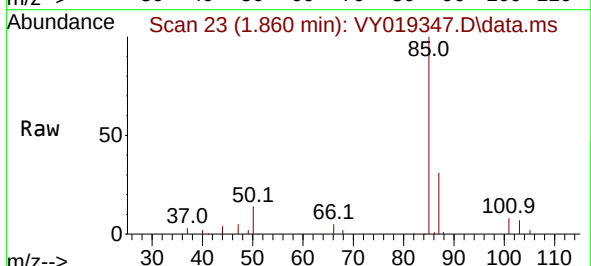


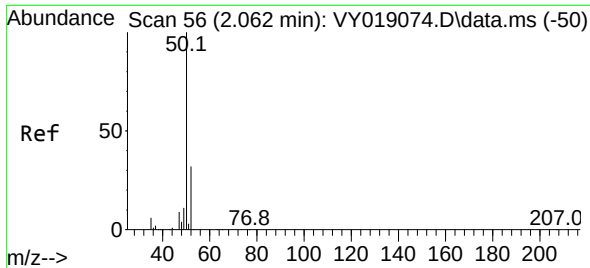
Tgt Ion:168 Resp: 58946
Ion Ratio Lower Upper
168 100
99 57.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 61.407 ug/l
RT: 1.860 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 85 Resp: 26557
Ion Ratio Lower Upper
85 100
87 31.1 16.0 48.0

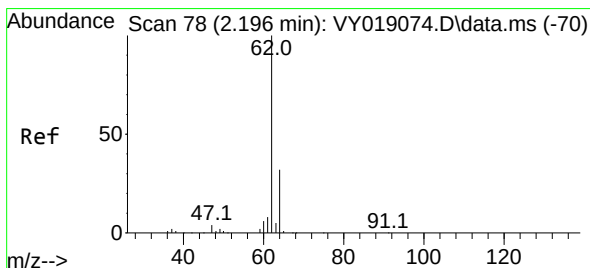
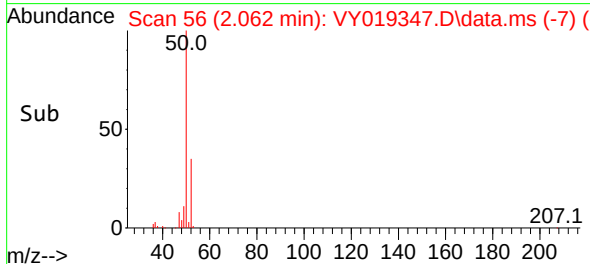
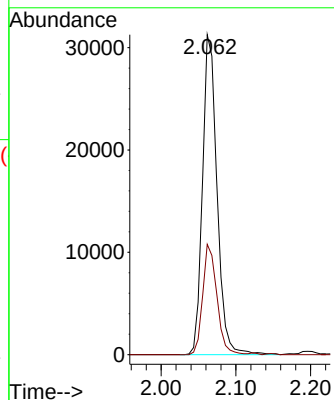
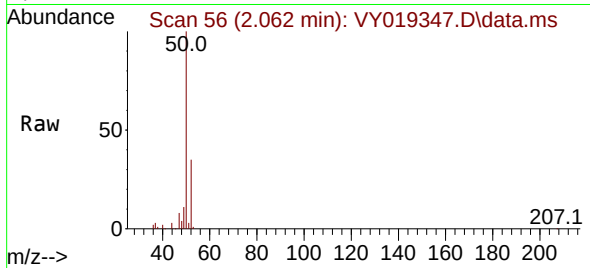




#3
Chloromethane
Concen: 54.179 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

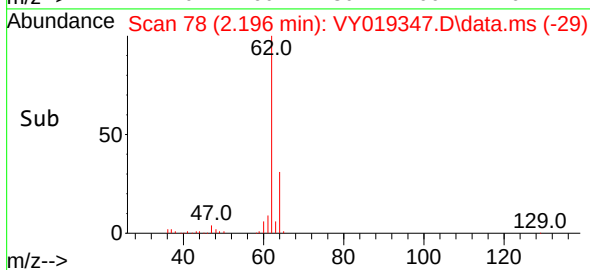
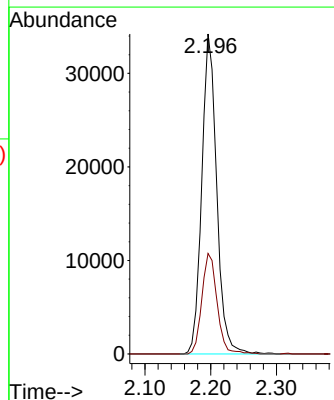
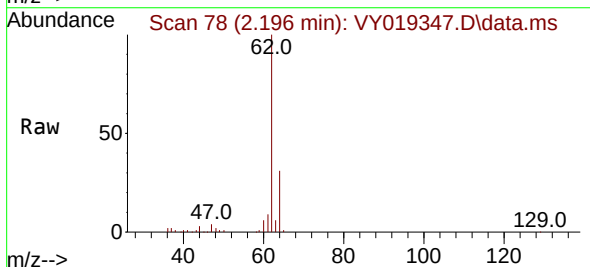
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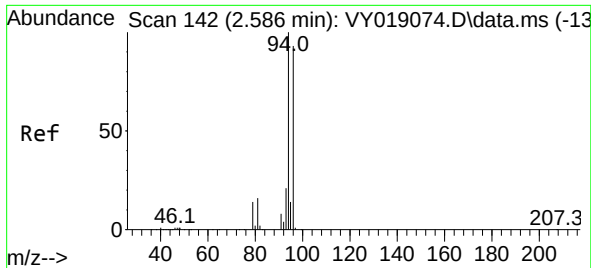
Tgt Ion: 50 Resp: 42234
Ion Ratio Lower Upper
50 100
52 34.5 25.6 38.4



#4
Vinyl Chloride
Concen: 56.054 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

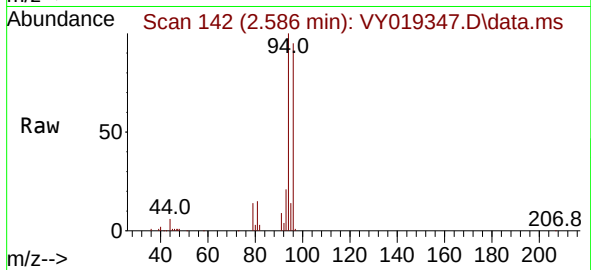
Tgt Ion: 62 Resp: 53974
Ion Ratio Lower Upper
62 100
64 31.4 26.1 39.1



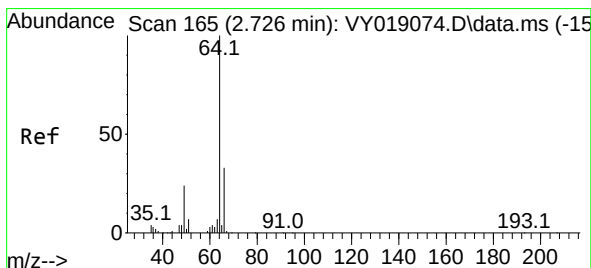
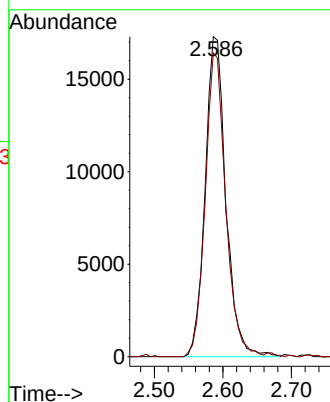
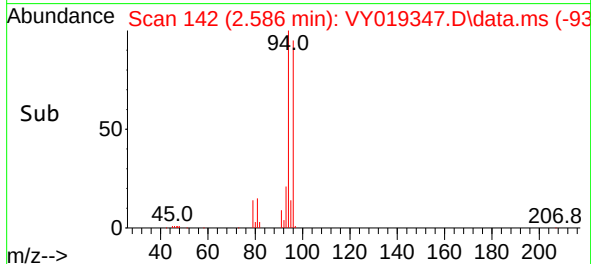


#5
Bromomethane
Concen: 63.611 ug/l
RT: 2.586 min Scan# 142
Delta R.T. -0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Instrument :
MSVOA_Y
ClientSampleId :

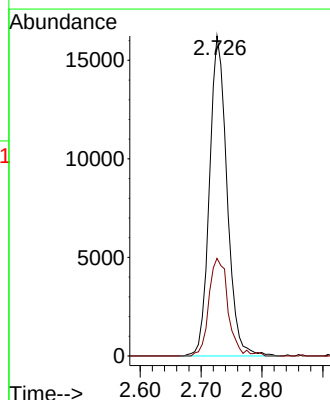
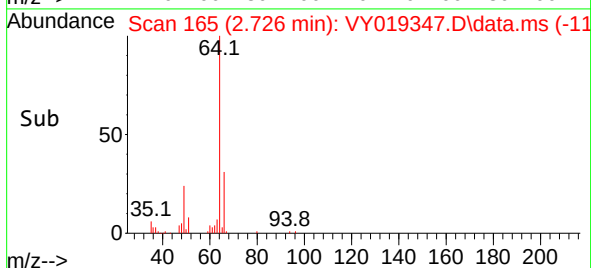
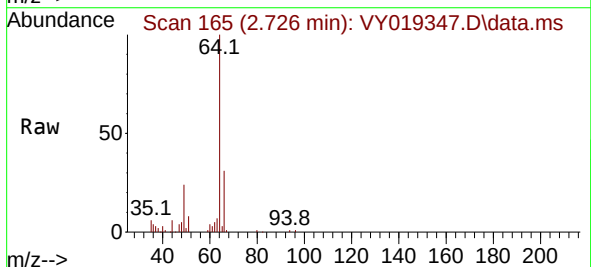


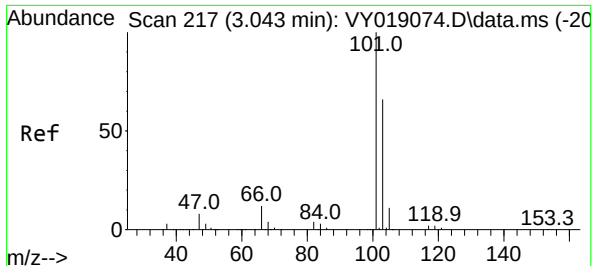
Tgt Ion: 94 Resp: 36452
Ion Ratio Lower Upper
94 100
96 94.9 74.1 111.1



#6
Chloroethane
Concen: 53.422 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 64 Resp: 32472
Ion Ratio Lower Upper
64 100
66 30.5 26.1 39.1

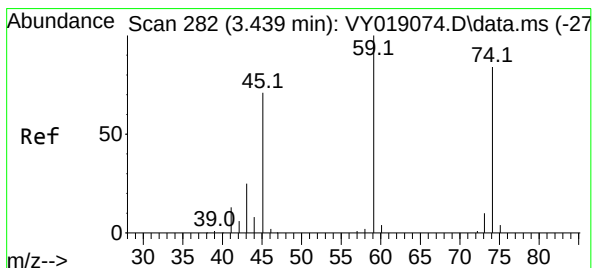
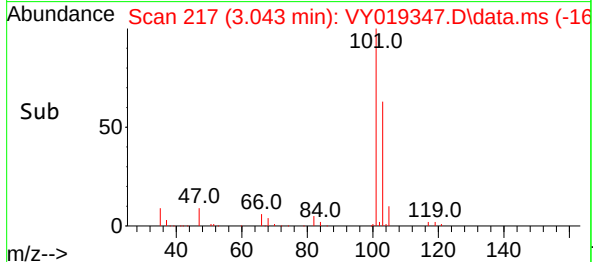
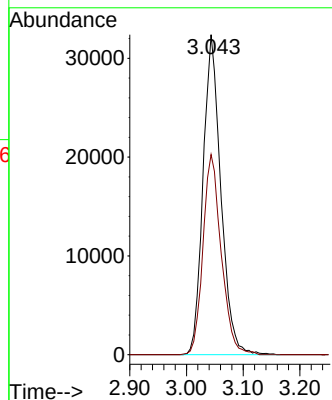
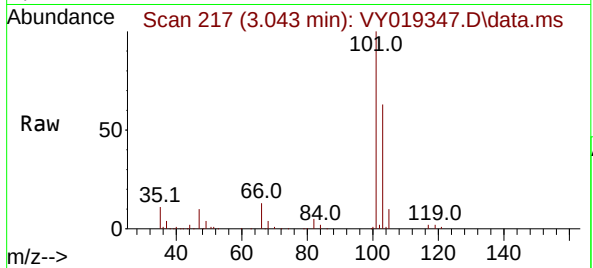




#7
 Trichlorofluoromethane
 Concen: 48.563 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019347.D
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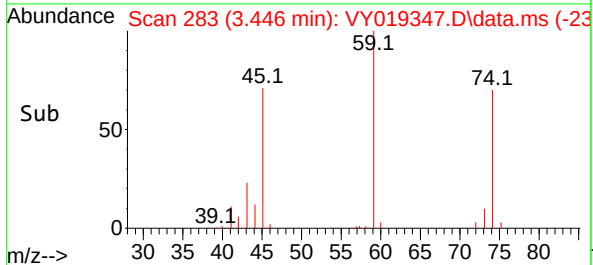
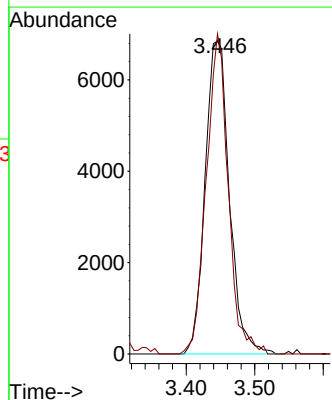
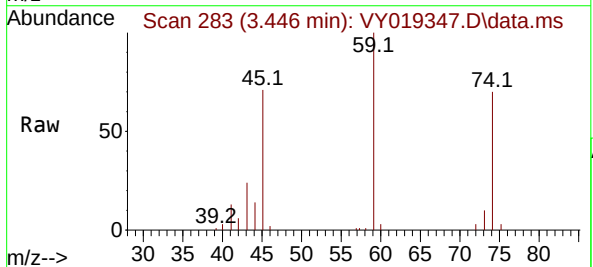
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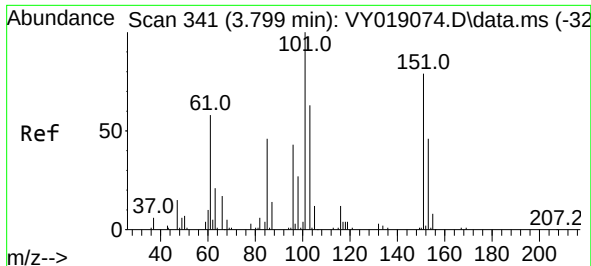
Tgt Ion:101 Resp: 70696
 Ion Ratio Lower Upper
 101 100
 103 62.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 53.920 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019347.D
 Acq: 28 Aug 2024 22:16

Tgt Ion: 74 Resp: 16943
 Ion Ratio Lower Upper
 74 100
 45 92.2 41.3 124.1

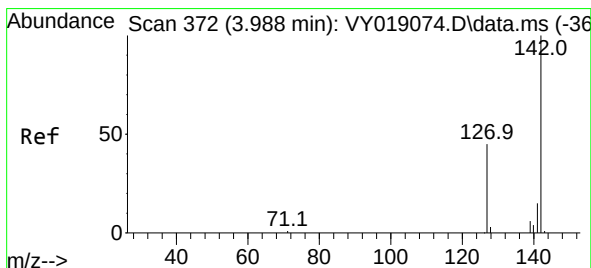
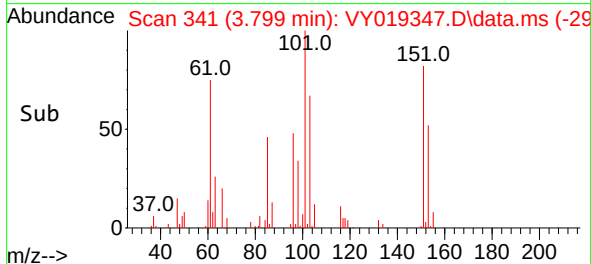
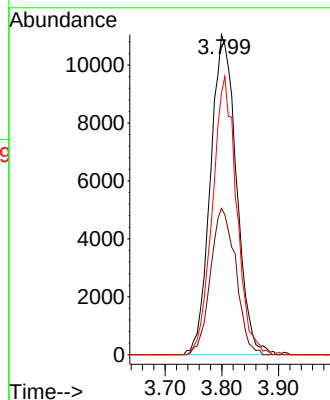
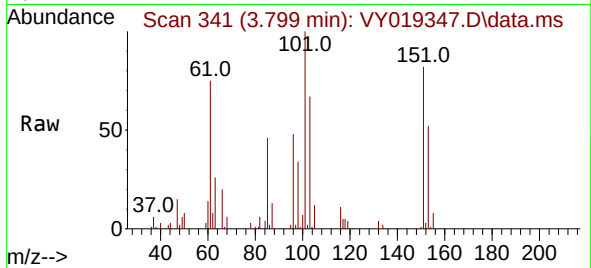




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.343 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY019347.D
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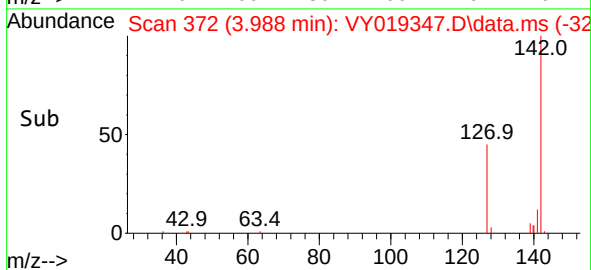
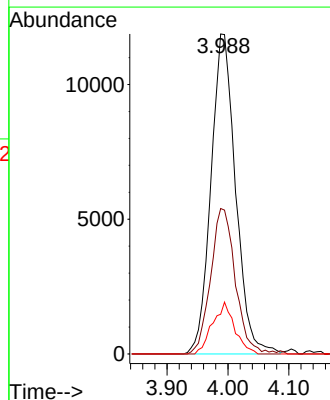
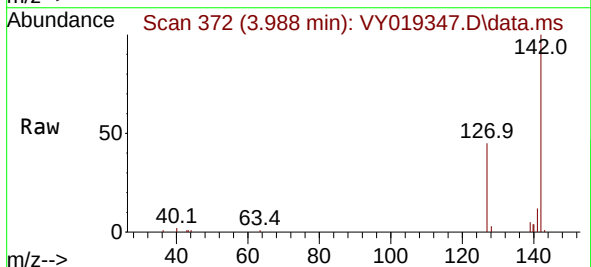
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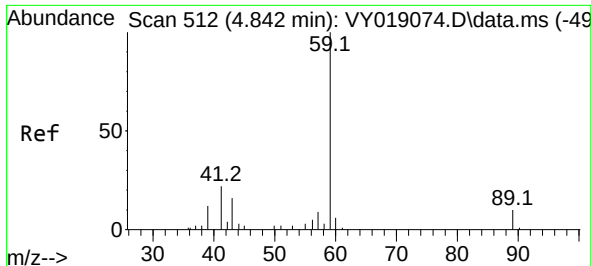
Tgt Ion:101 Resp: 35170
Ion Ratio Lower Upper
101 100
85 44.5 34.5 51.7
151 80.7 61.7 92.5



#10
Methyl Iodide
Concen: 52.623 ug/l
RT: 3.988 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion:142 Resp: 33382
Ion Ratio Lower Upper
142 100
127 45.8 32.8 49.2
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 275.011 ug/l

RT: 4.836 min Scan# 512

Delta R.T. -0.006 min

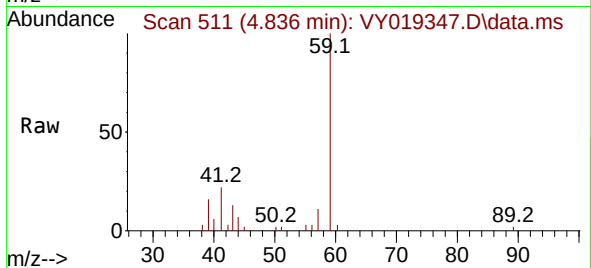
Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

ClientSampleId :

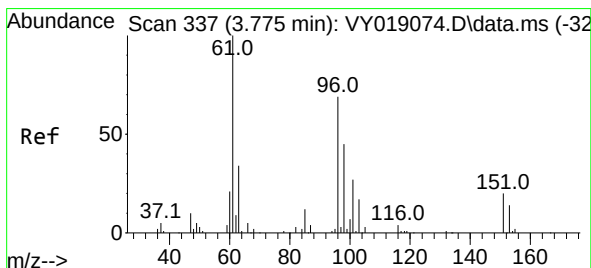
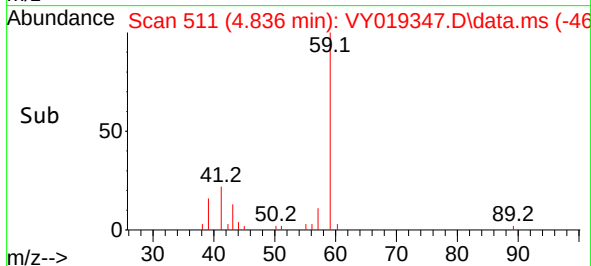
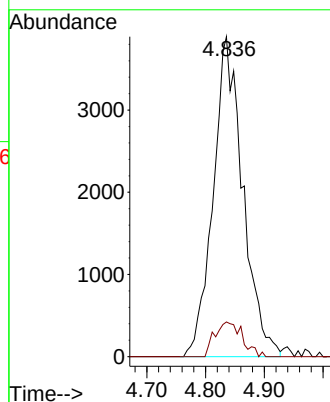


Tgt Ion: 59 Resp: 13638

Ion Ratio Lower Upper

59 100

57 10.1 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 55.789 ug/l

RT: 3.775 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

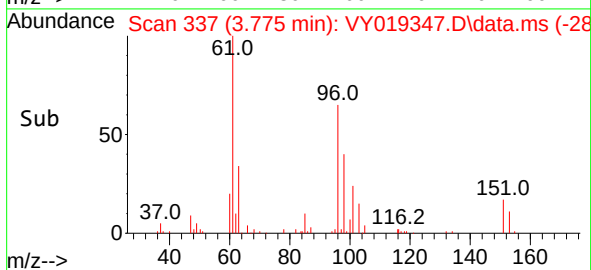
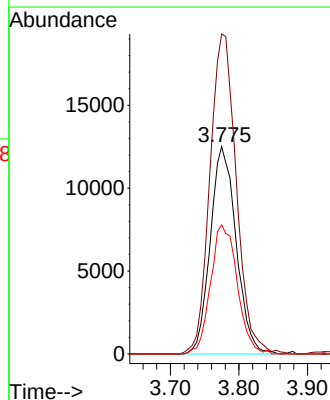
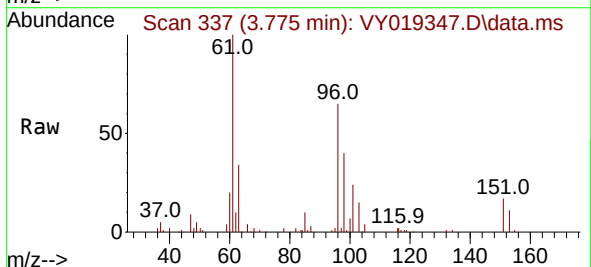
Tgt Ion: 96 Resp: 32803

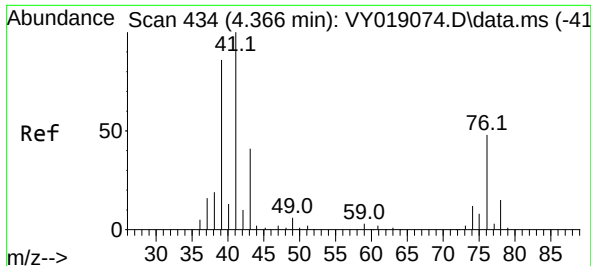
Ion Ratio Lower Upper

96 100

61 154.3 114.6 171.8

98 62.2 50.8 76.2

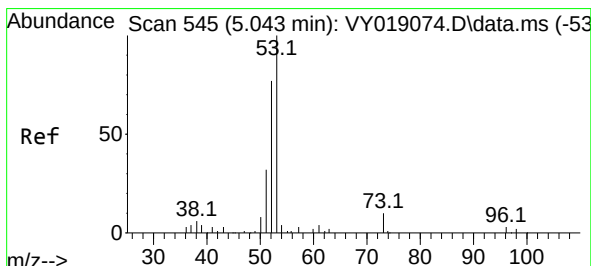
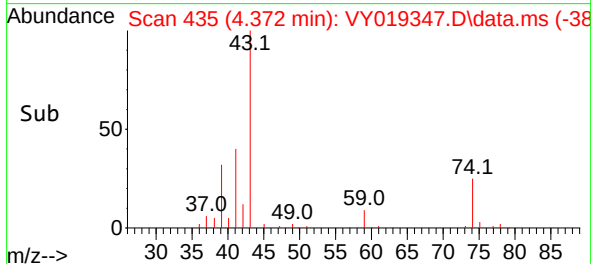
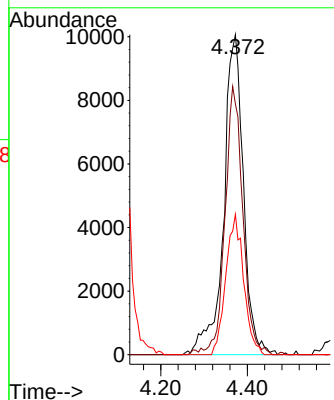
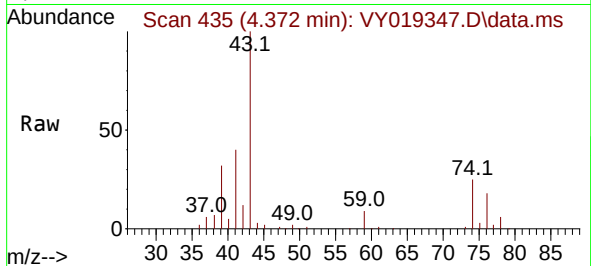




#14
 Allyl chloride
 Concen: 40.827 ug/l
 RT: 4.372 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VY019347.D
 Acq: 28 Aug 2024 22:16

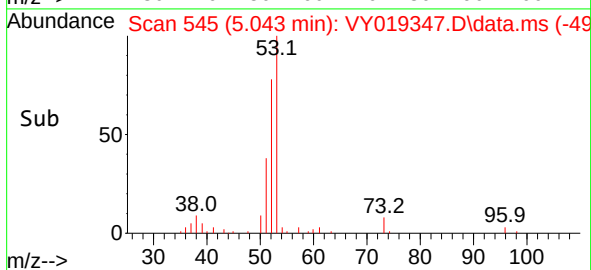
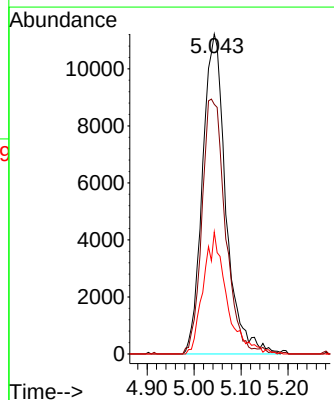
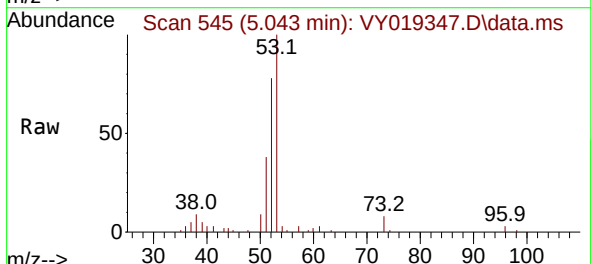
Instrument :
 MSVOA_Y
 ClientSampleId :

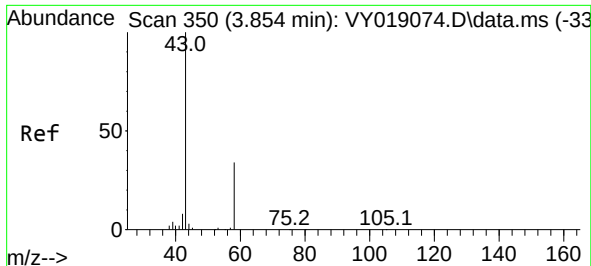
Tgt Ion: 41	Resp: 31917
Ion Ratio	Lower Upper
41 100	
39 75.4	58.3 87.5
76 39.5	39.0 58.6



#15
 Acrylonitrile
 Concen: 301.649 ug/l
 RT: 5.043 min Scan# 545
 Delta R.T. 0.000 min
 Lab File: VY019347.D
 Acq: 28 Aug 2024 22:16

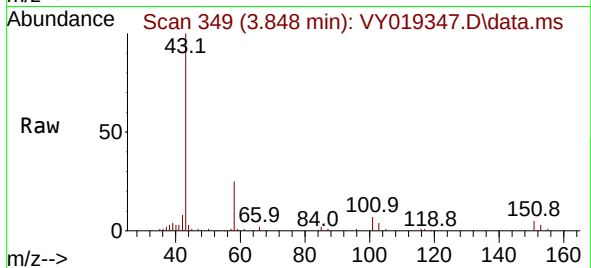
Tgt Ion: 53	Resp: 38784
Ion Ratio	Lower Upper
53 100	
52 79.5	64.7 97.1
51 38.0	28.4 42.6



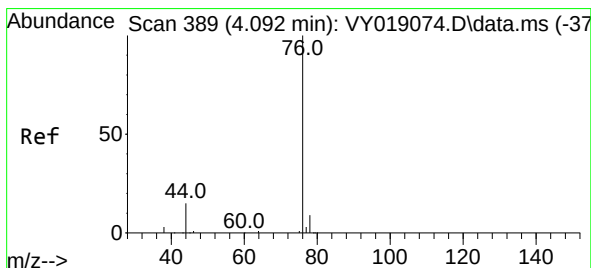
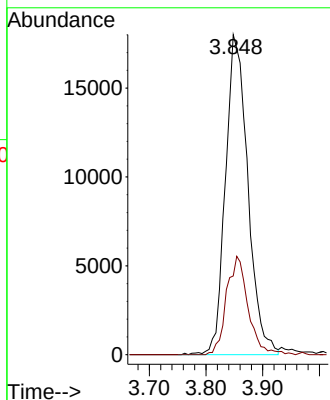
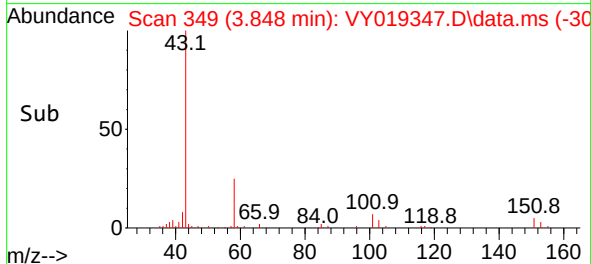


#16
Acetone
Concen: 450.795 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Instrument :
MSVOA_Y
ClientSampleId :

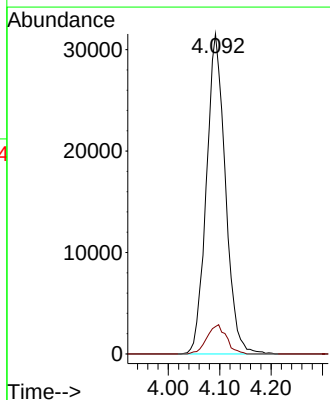
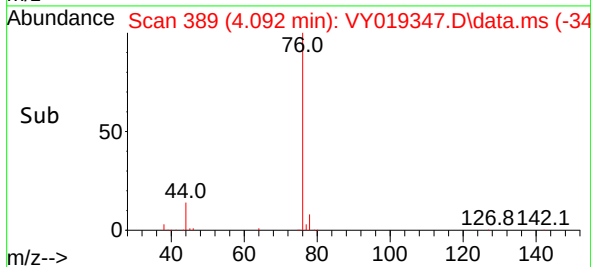
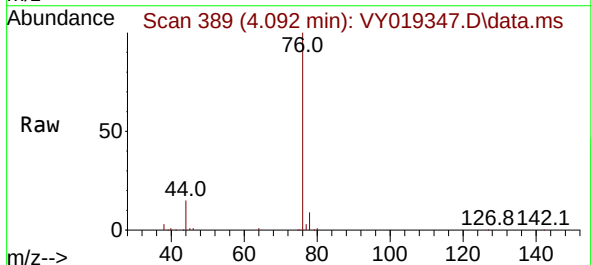


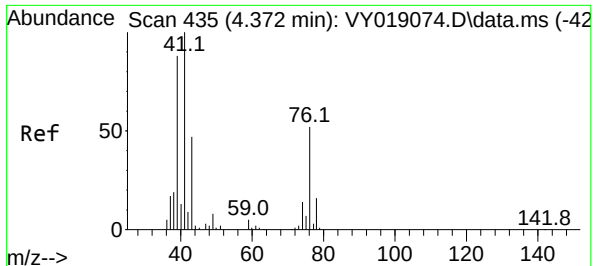
Tgt Ion: 43 Resp: 49399
Ion Ratio Lower Upper
43 100
58 24.6 31.7 47.5#



#17
Carbon Disulfide
Concen: 48.769 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 76 Resp: 80881
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

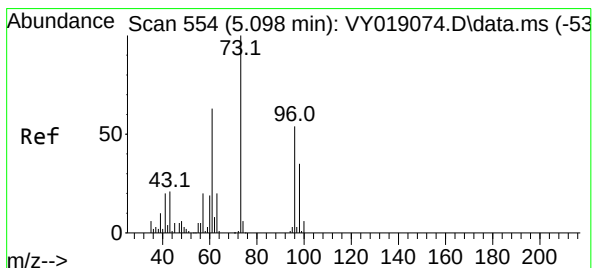
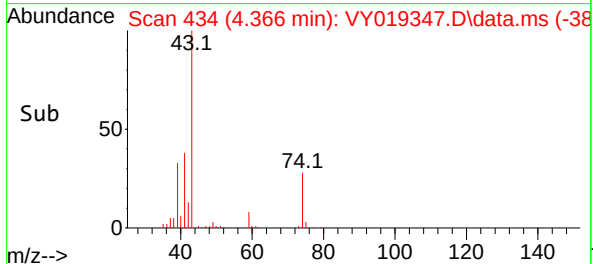
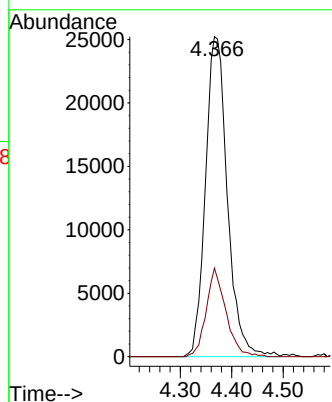
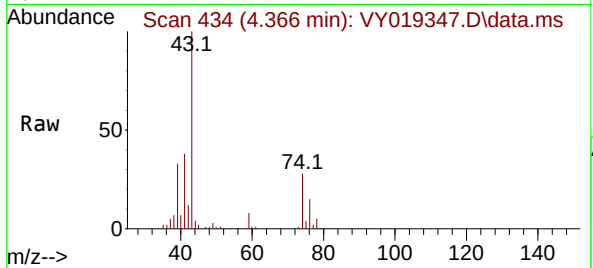




#18
Methyl Acetate
Concen: 222.114 ug/l
RT: 4.366 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

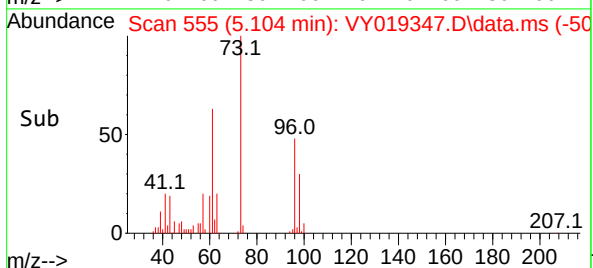
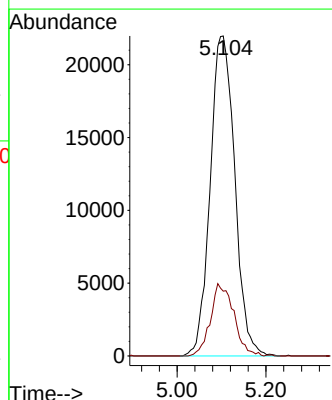
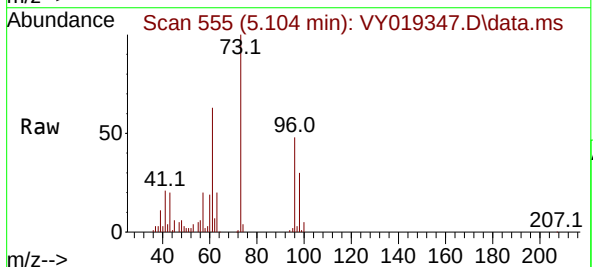
Instrument :
MSVOA_Y
ClientSampleId :

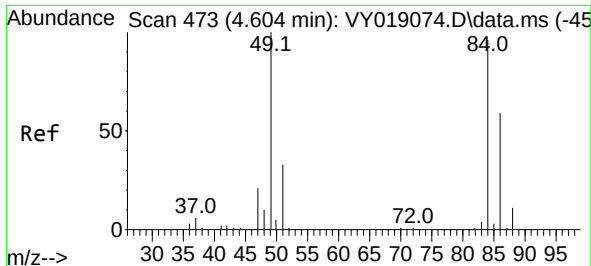
Tgt Ion: 43 Resp: 74701
Ion Ratio Lower Upper
43 100
74 24.9 23.3 34.9



#19
Methyl tert-butyl Ether
Concen: 59.220 ug/l
RT: 5.104 min Scan# 555
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

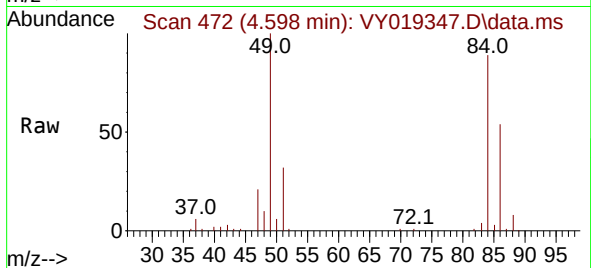
Tgt Ion: 73 Resp: 84419
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



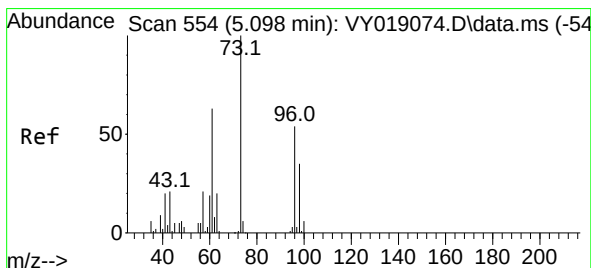
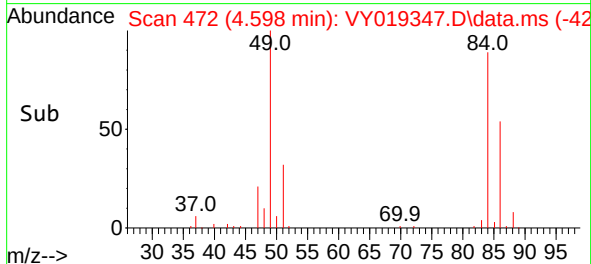
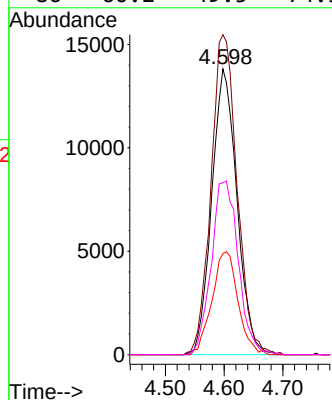


#20
Methylene Chloride
Concen: 63.186 ug/l
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Instrument :
MSVOA_Y
ClientSampleId :

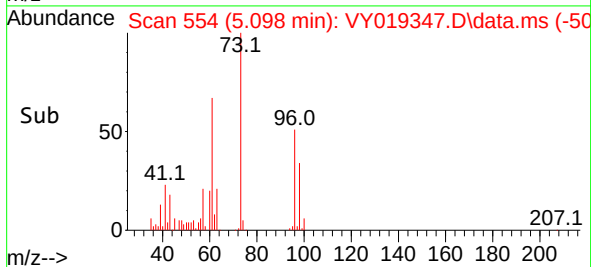
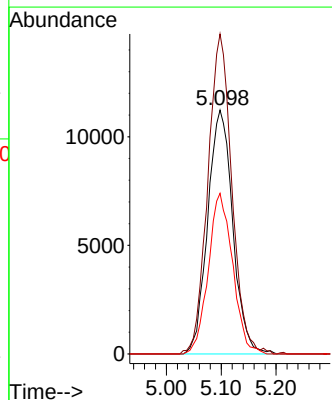
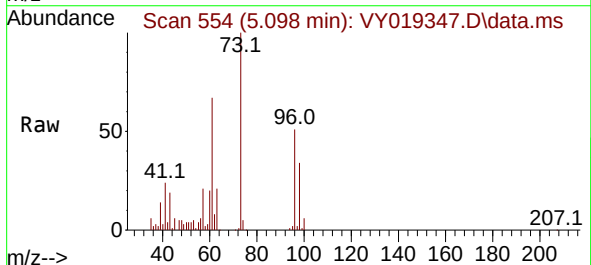


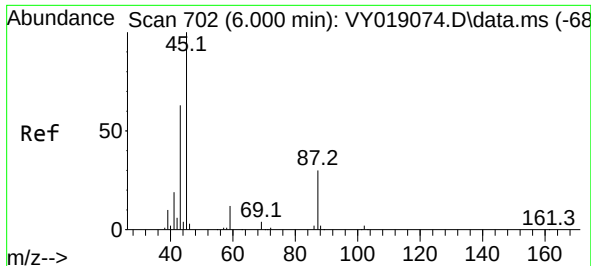
Tgt Ion:	84	Resp:	41166
Ion	Ratio	Lower	Upper
84	100		
49	112.0	84.4	126.6
51	35.4	26.0	39.0
86	60.2	49.5	74.3



#21
trans-1,2-Dichloroethene
Concen: 54.265 ug/l
RT: 5.098 min Scan# 554
Delta R.T. -0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

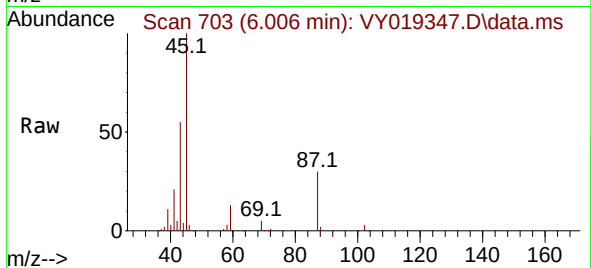
Tgt Ion:	96	Resp:	35647
Ion	Ratio	Lower	Upper
96	100		
61	131.3	97.5	146.3
98	65.9	50.5	75.7



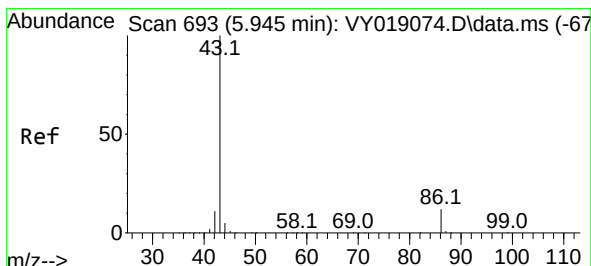
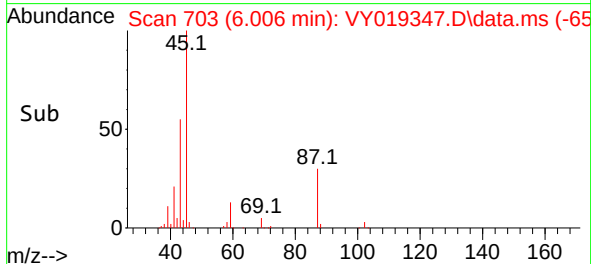
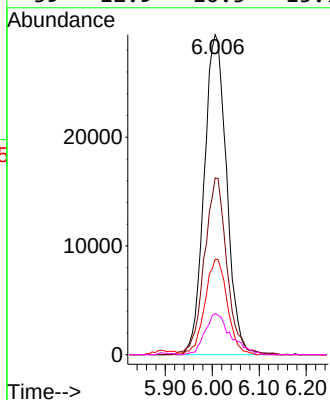


#22
Diisopropyl ether
Concen: 54.506 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Instrument :
MSVOA_Y
ClientSampleId :

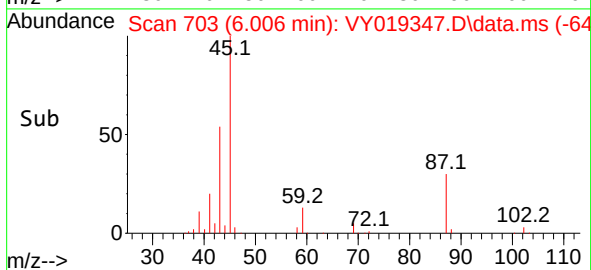
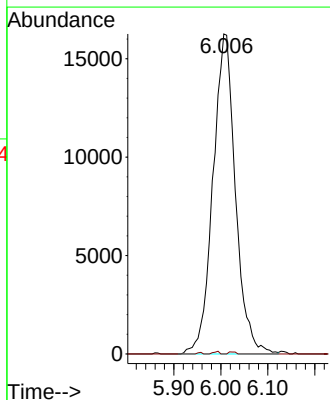
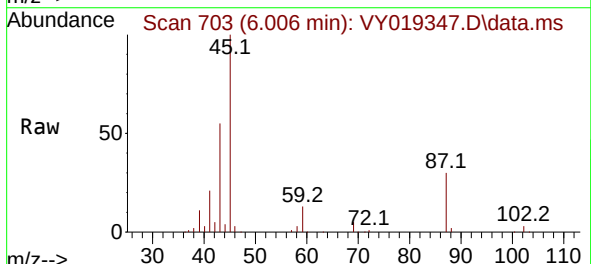


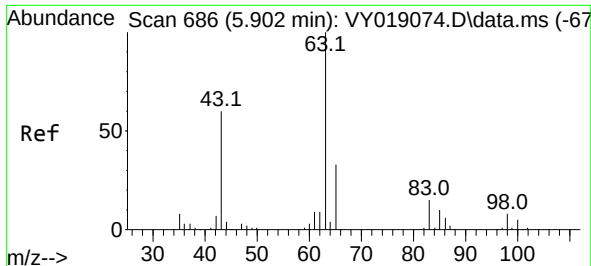
Tgt Ion:	45	Resp:	97546
Ion Ratio	Lower	Upper	
45	100		
43	55.0	42.2	63.2
87	29.8	25.0	37.6
59	12.9	10.5	15.7



#23
Vinyl Acetate
Concen: 38.183 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.061 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion:	43	Resp:	54100
Ion Ratio	Lower	Upper	
43	100		
86	0.0	10.6	16.0#

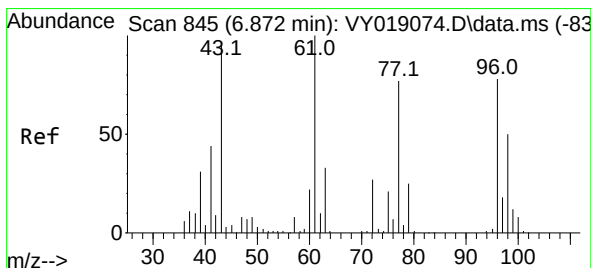
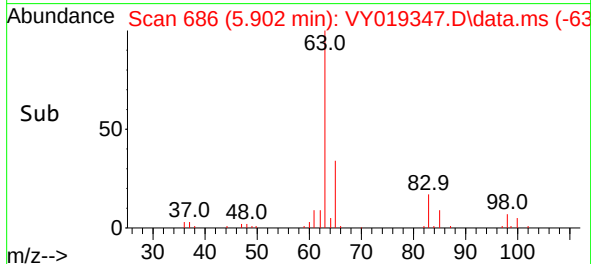
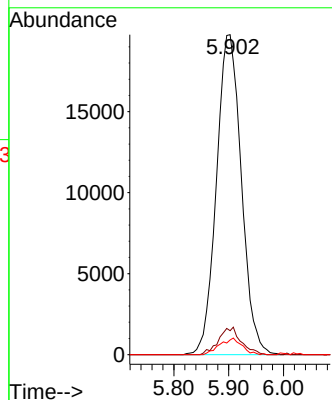
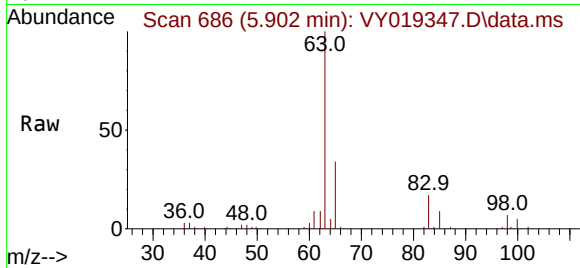




#24
1,1-Dichloroethane
Concen: 56.999 ug/l
RT: 5.902 min Scan# 61
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

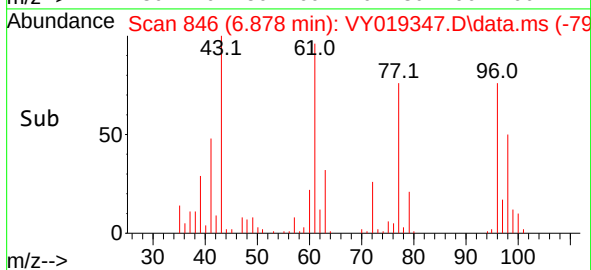
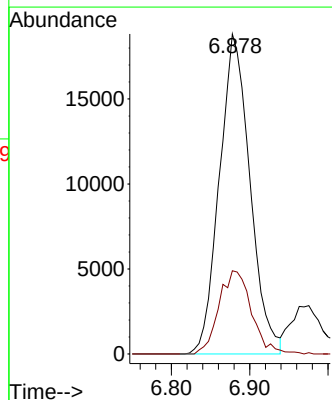
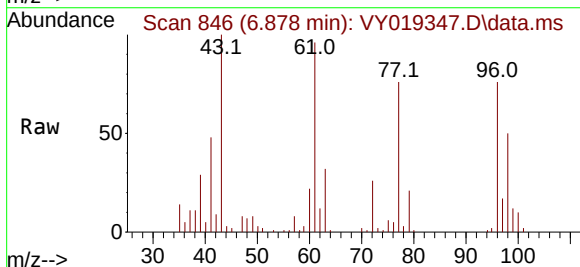
Instrument :
MSVOA_Y
ClientSampleId :

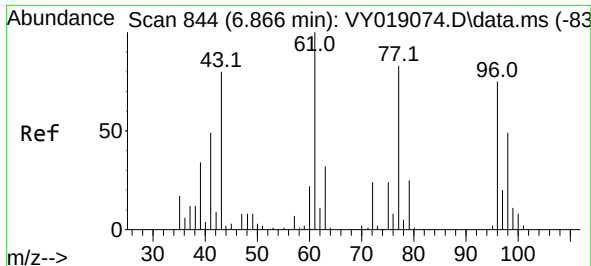
Tgt Ion: 63 Resp: 62382
Ion Ratio Lower Upper
63 100
98 7.5 4.0 12.2
100 4.6 2.6 8.0



#25
2-Butanone
Concen: 289.469 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 43 Resp: 51085
Ion Ratio Lower Upper
43 100
72 26.0 27.3 40.9#

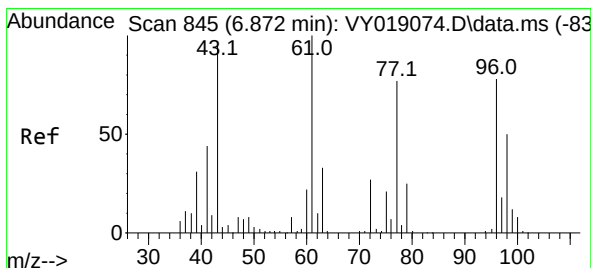
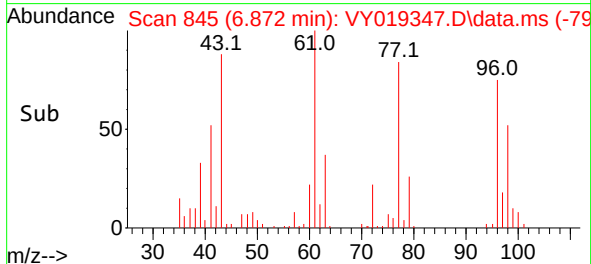
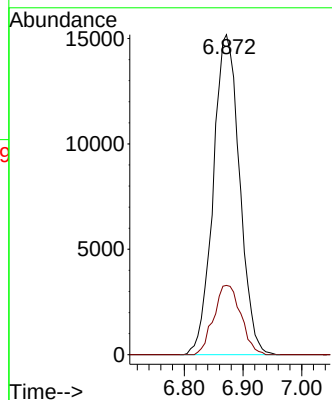
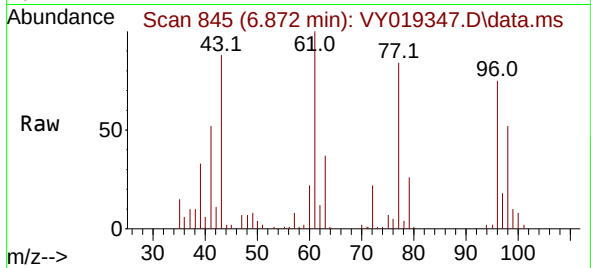




#26
2,2-Dichloropropane
Concen: 53.372 ug/l
RT: 6.872 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

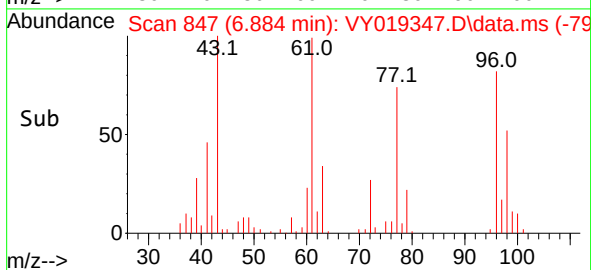
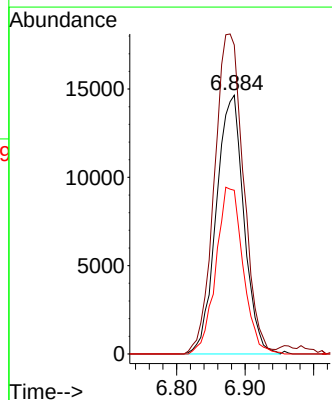
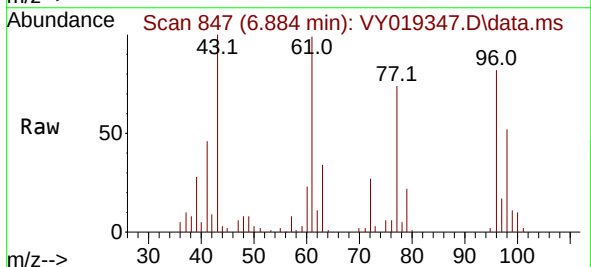
Instrument :
MSVOA_Y
ClientSampleId :

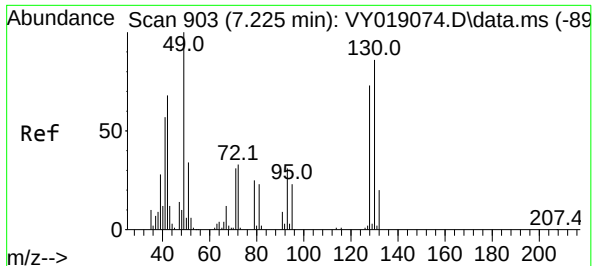
Tgt Ion: 77 Resp: 47302
Ion Ratio Lower Upper
77 100
97 22.3 12.0 36.1



#27
cis-1,2-Dichloroethene
Concen: 52.879 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

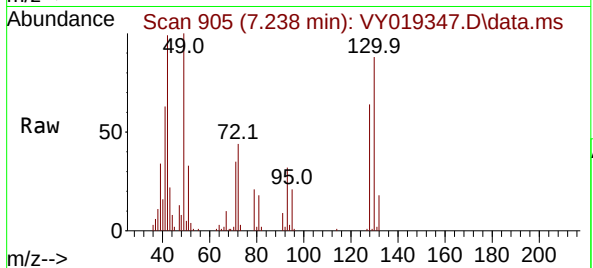
Tgt Ion: 96 Resp: 40879
Ion Ratio Lower Upper
96 100
61 130.9 0.0 256.2
98 63.6 0.0 130.0



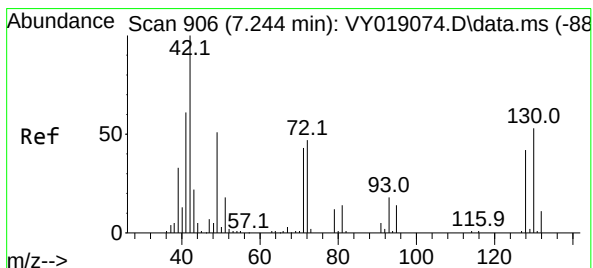
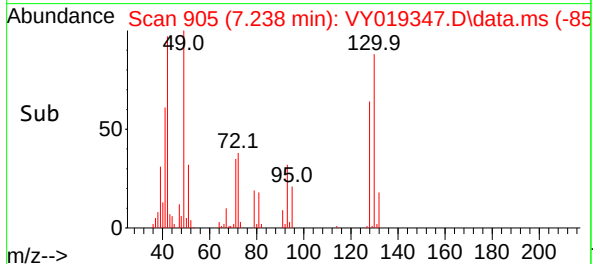
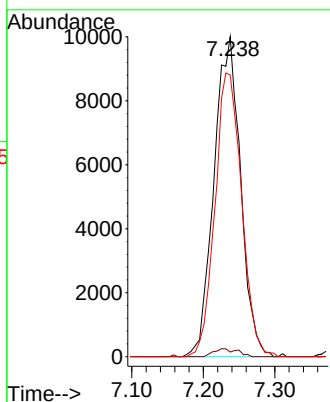


#28
Bromochloromethane
Concen: 56.191 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Instrument :
MSVOA_Y
ClientSampleId :

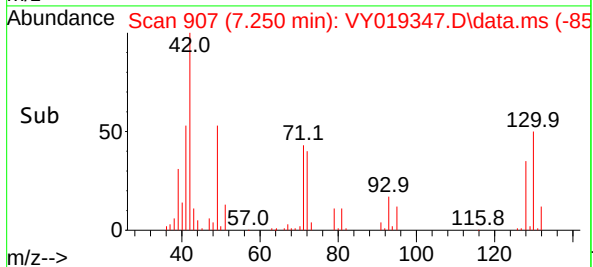
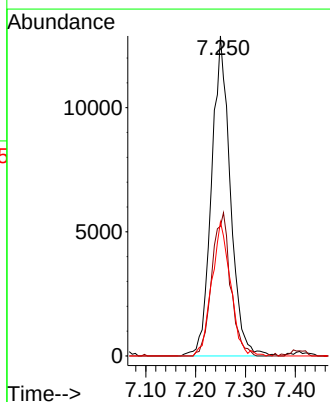
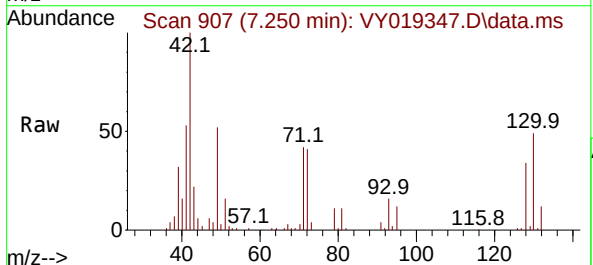


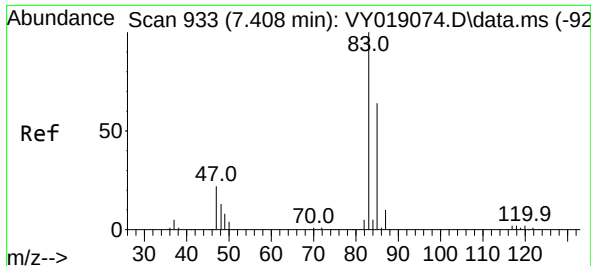
Tgt Ion: 49 Resp: 25797
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 88.9 72.7 109.1



#29
Tetrahydrofuran
Concen: 297.616 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 42 Resp: 33763
Ion Ratio Lower Upper
42 100
72 44.6 43.0 64.4
71 42.0 40.8 61.2

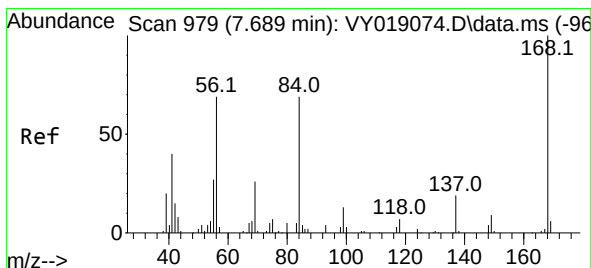
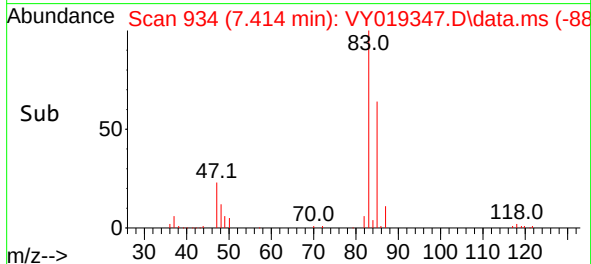
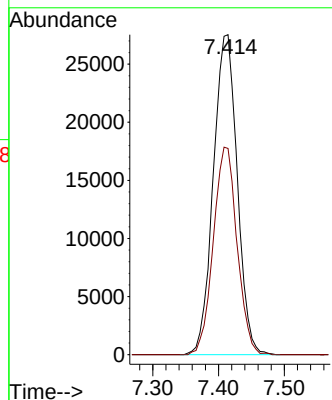
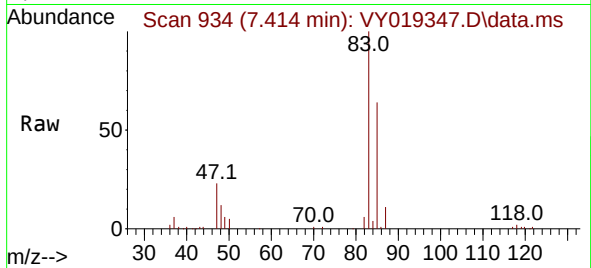




#30
Chloroform
Concen: 57.188 ug/l
RT: 7.414 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

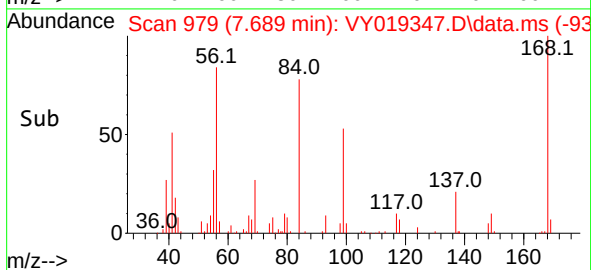
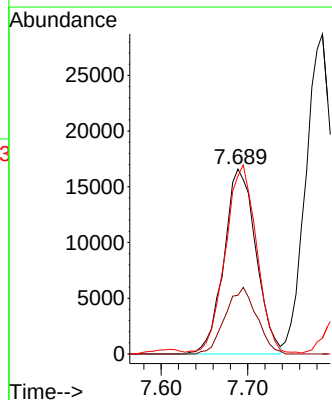
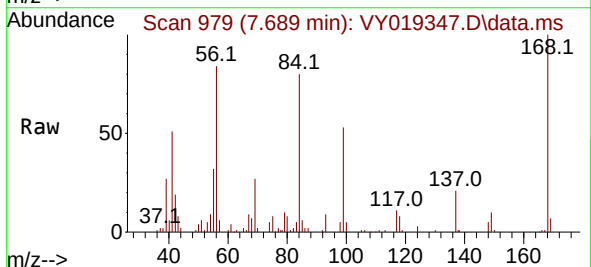
Instrument :
MSVOA_Y
ClientSampleId :

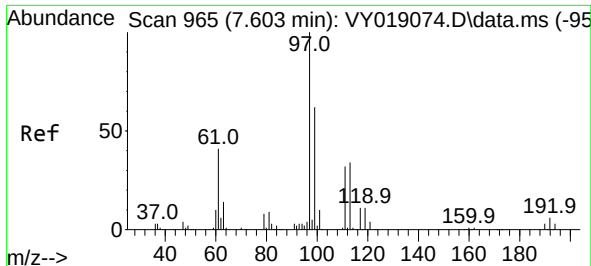
Tgt Ion: 83 Resp: 69743
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4



#31
Cyclohexane
Concen: 50.503 ug/l
RT: 7.689 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 56 Resp: 42650
Ion Ratio Lower Upper
56 100
69 31.8 28.7 43.1
84 94.7 77.7 116.5

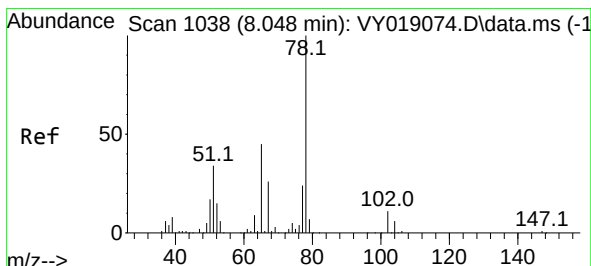
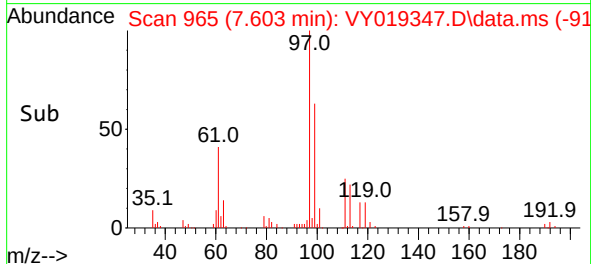
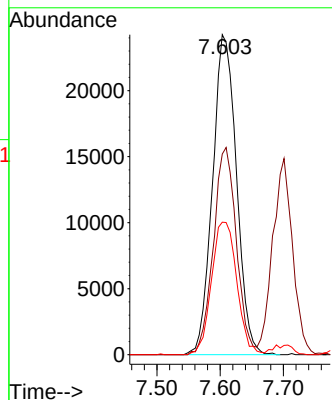
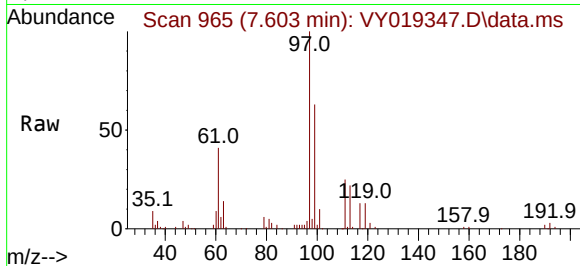




#32
1,1,1-Trichloroethane
Concen: 59.342 ug/l
RT: 7.603 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

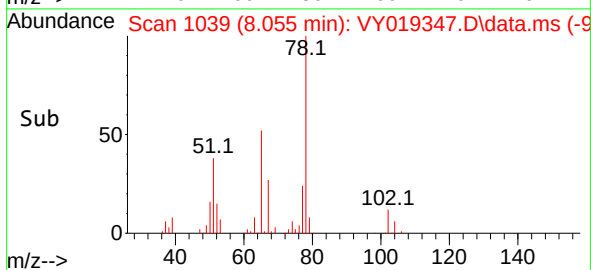
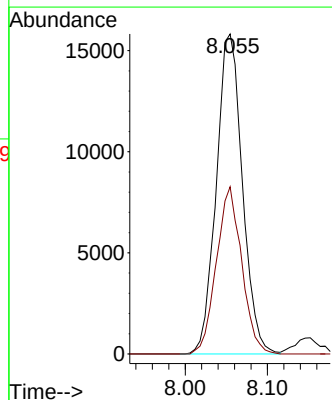
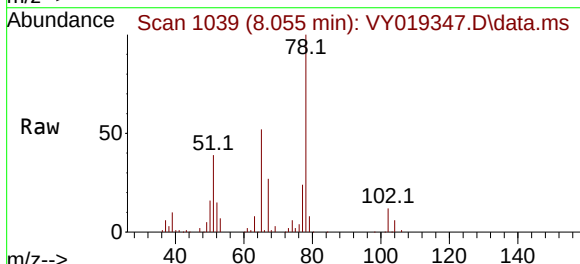
Instrument :
MSVOA_Y
ClientSampleId :

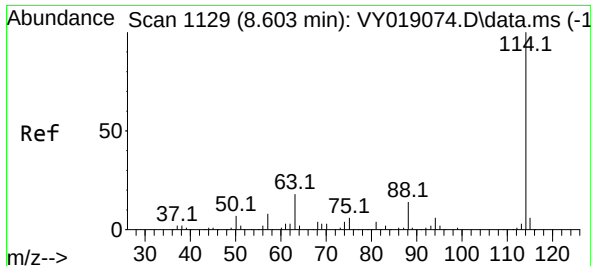
Tgt Ion: 97 Resp: 63599
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 43.9 32.6 48.8



#33
1,2-Dichloroethane-d4
Concen: 59.167 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 65 Resp: 34961
Ion Ratio Lower Upper
65 100
67 50.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

ClientSampleId :

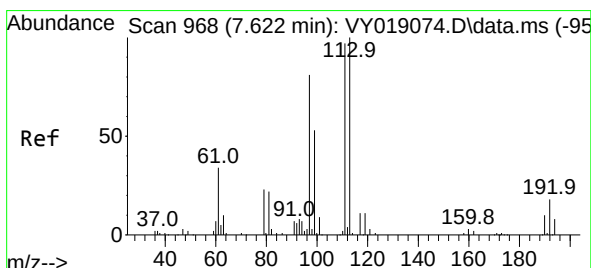
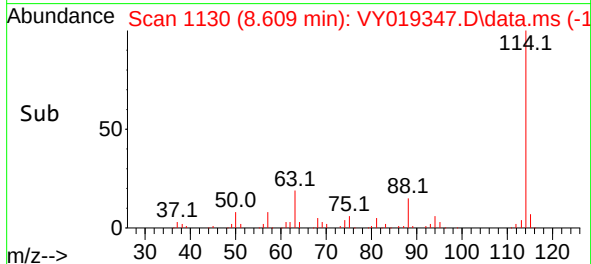
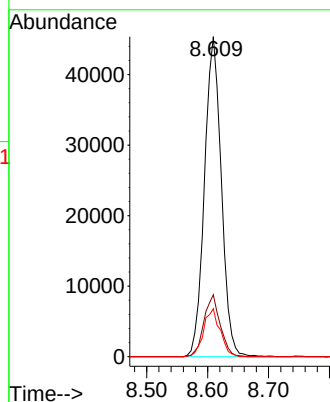
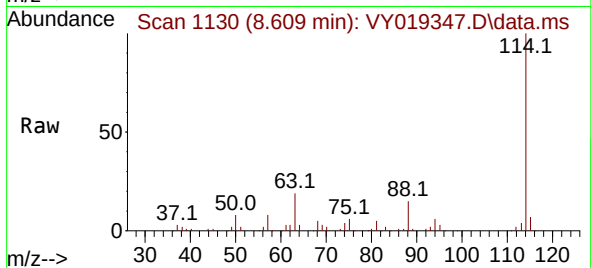
Tgt Ion:114 Resp: 87273

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 58.846 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

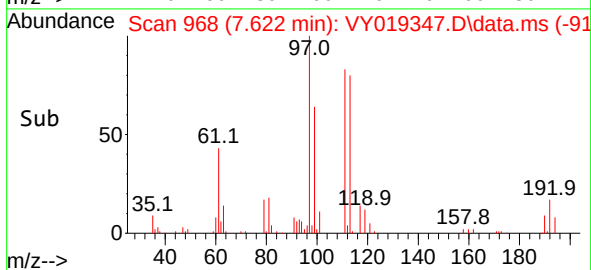
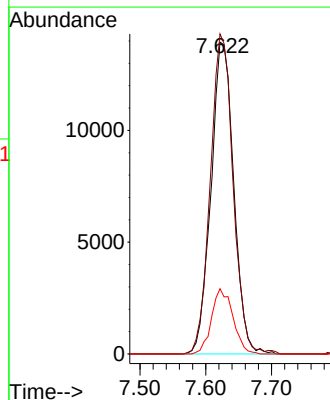
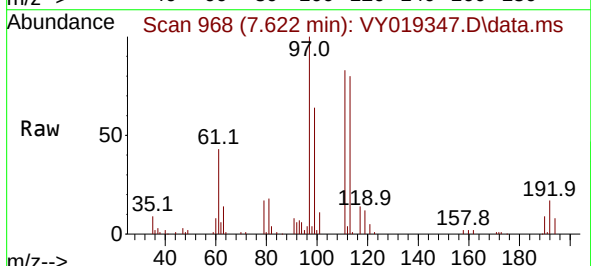
Tgt Ion:113 Resp: 33580

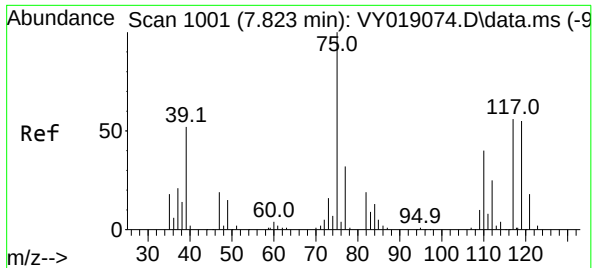
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 19.7 15.9 23.9

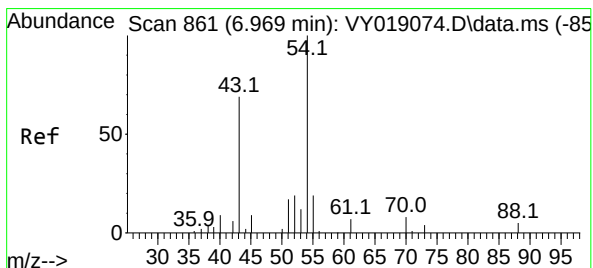
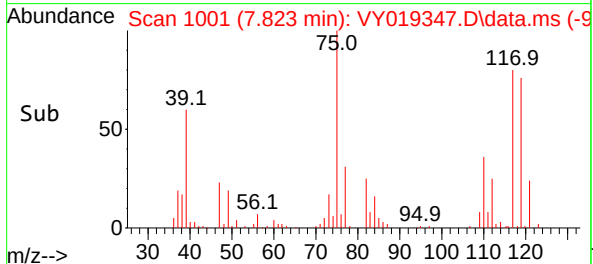
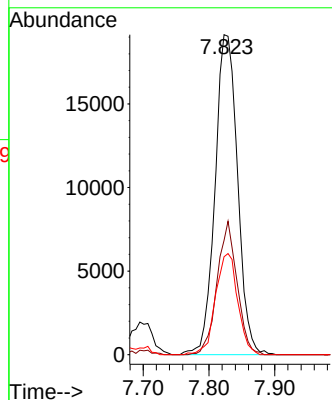
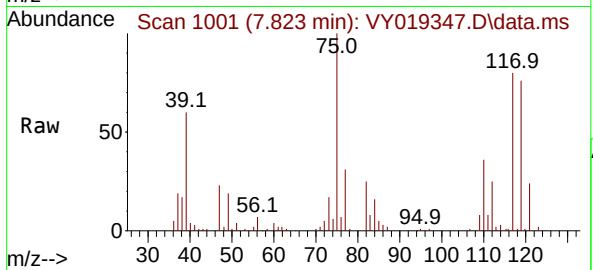




#36
1,1-Dichloropropene
Concen: 58.272 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

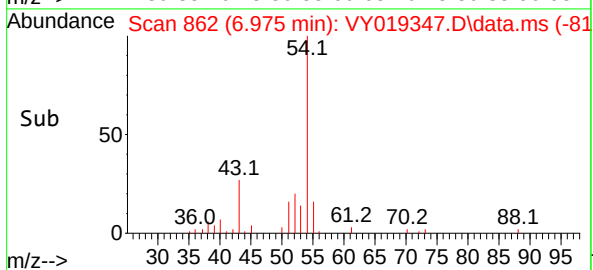
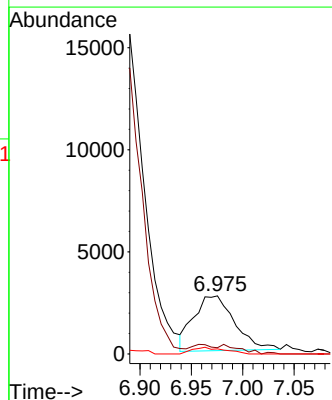
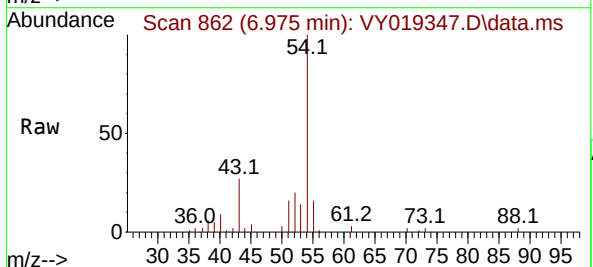
Instrument :
MSVOA_Y
ClientSampleId :

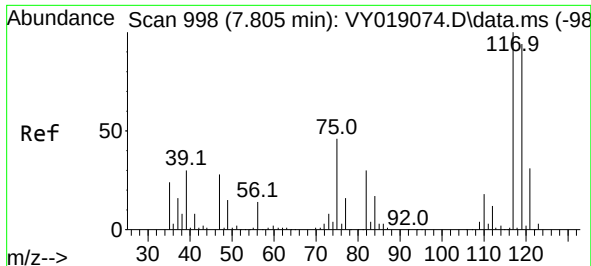
Tgt Ion: 75 Resp: 45662
Ion Ratio Lower Upper
75 100
110 37.0 19.0 57.0
77 31.1 25.3 37.9



#37
Ethyl Acetate
Concen: 21.419 ug/l
RT: 6.975 min Scan# 862
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 43 Resp: 7436
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 9.7 7.8 11.8

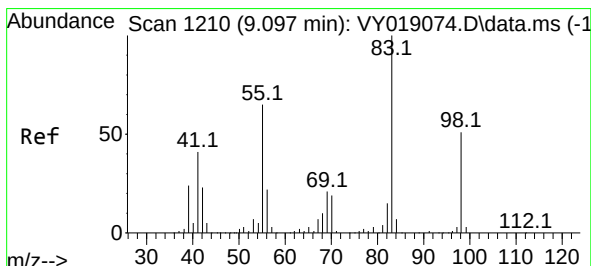
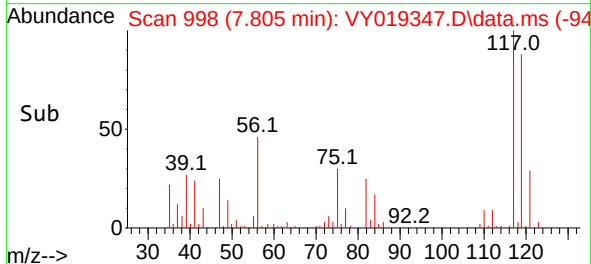
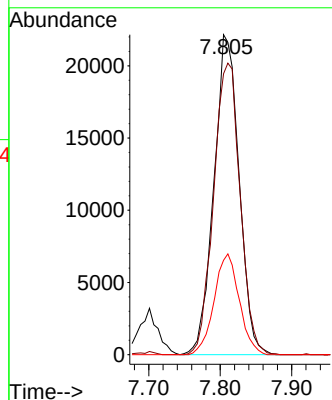
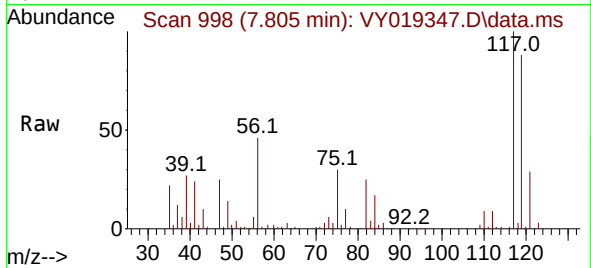




#38
Carbon Tetrachloride
Concen: 59.710 ug/l
RT: 7.805 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

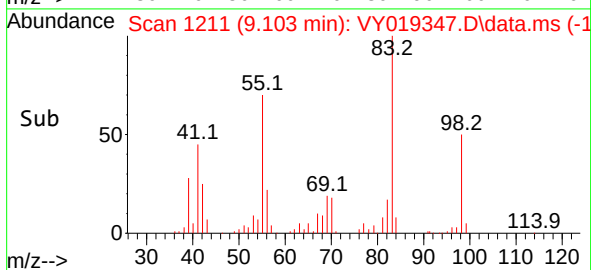
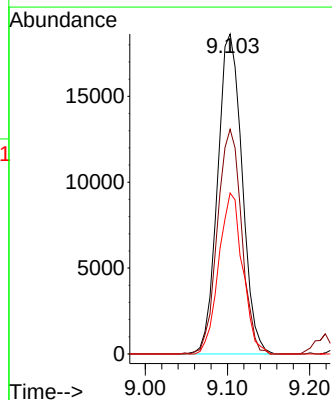
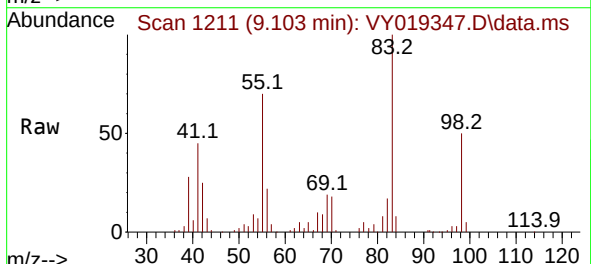
Instrument :
MSVOA_Y
ClientSampleId :

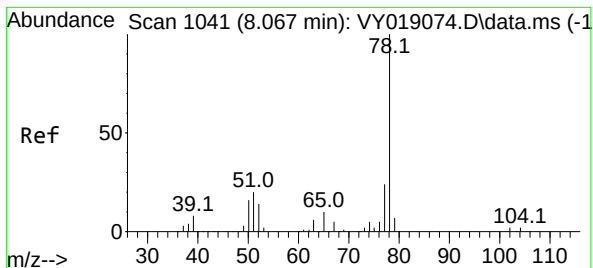
Tgt Ion:117 Resp: 54223
Ion Ratio Lower Upper
117 100
119 87.8 75.8 113.6
121 29.5 24.0 36.0



#39
Methylcyclohexane
Concen: 38.326 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 83 Resp: 38540
Ion Ratio Lower Upper
83 100
55 70.2 51.5 77.3
98 50.3 40.5 60.7





#40

Benzene

Concen: 58.396 ug/l

RT: 8.073 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

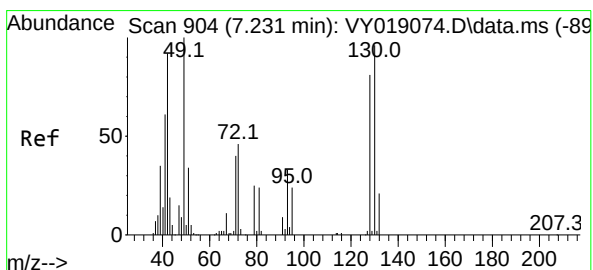
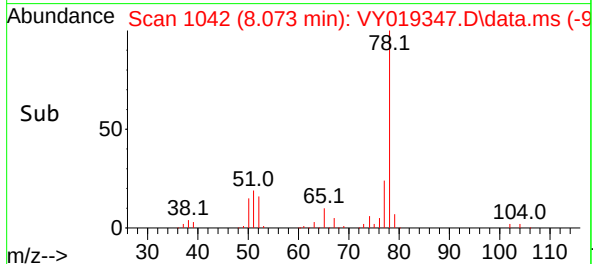
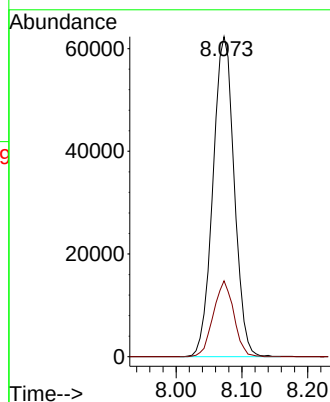
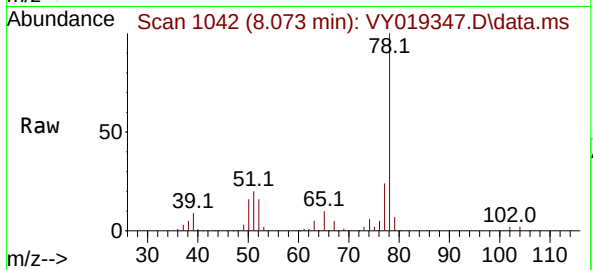
ClientSampleId :

Tgt Ion: 78 Resp: 140339

Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3



#41

Methacrylonitrile

Concen: 112.318 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.024 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Tgt Ion: 41 Resp: 21283

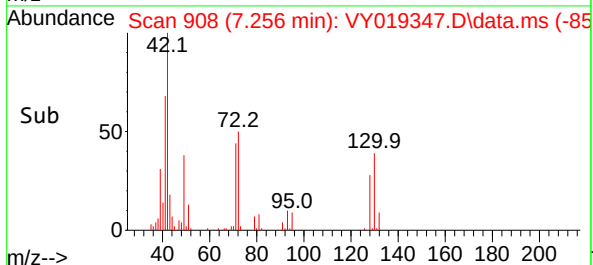
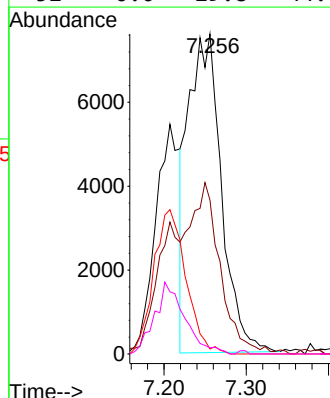
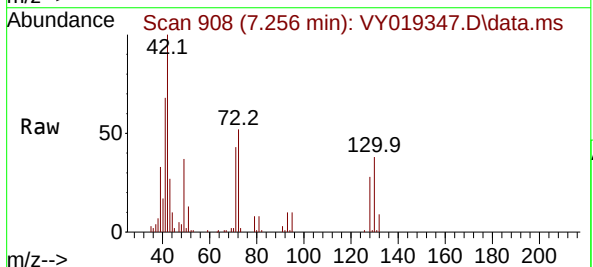
Ion Ratio Lower Upper

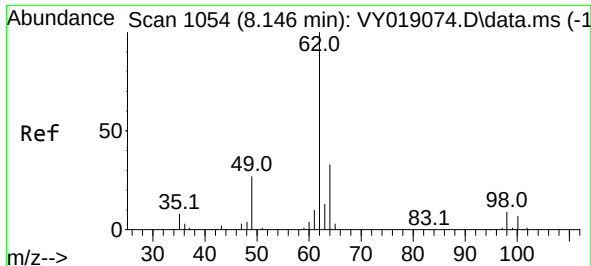
41 100

39 40.9 48.0 72.0#

67 0.0 75.1 112.7#

52 0.0 29.8 44.6#





#42

1,2-Dichloroethane

Concen: 63.448 ug/l

RT: 8.152 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

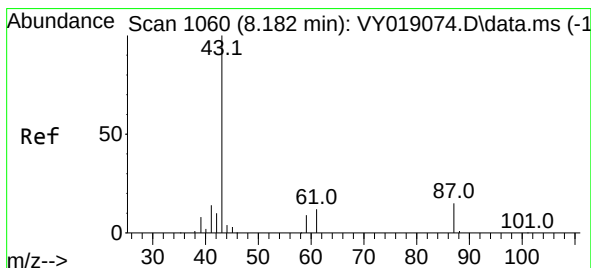
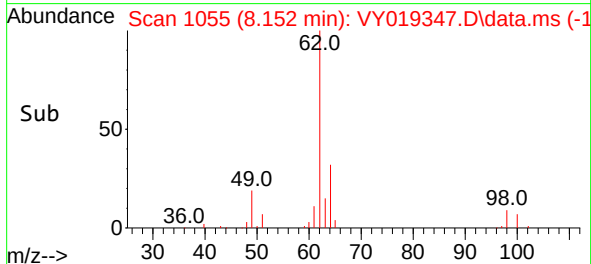
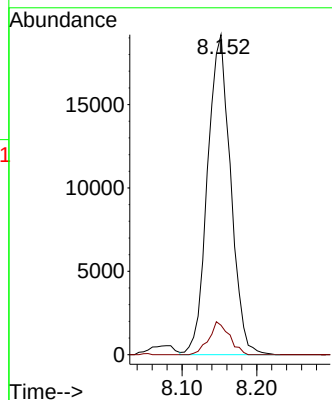
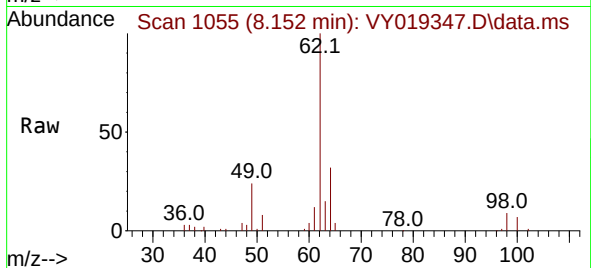
ClientSampleId :

Tgt Ion: 62 Resp: 41176

Ion Ratio Lower Upper

62 100

98 9.1 0.0 22.0



#43

Isopropyl Acetate

Concen: 26.215 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.012 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

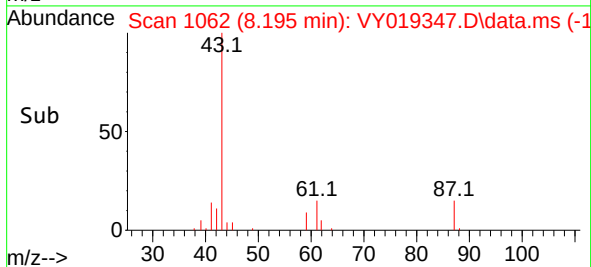
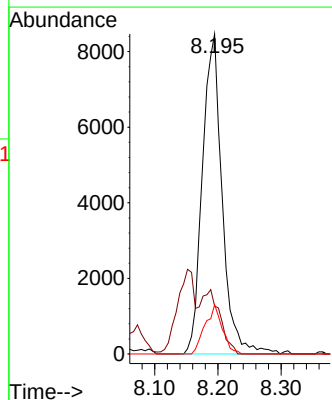
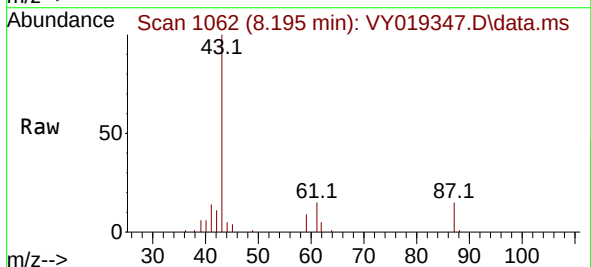
Tgt Ion: 43 Resp: 18406

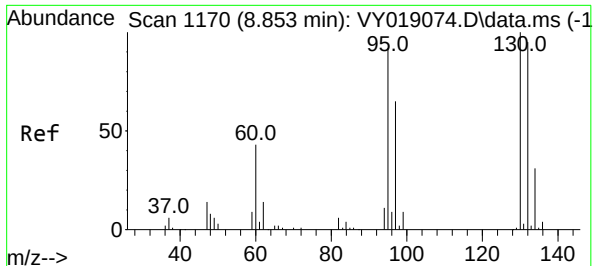
Ion Ratio Lower Upper

43 100

61 17.8 27.9 41.9#

87 13.4 13.1 19.7

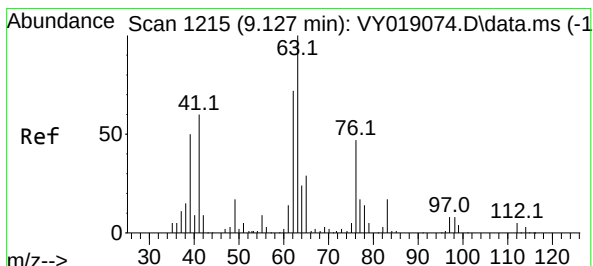
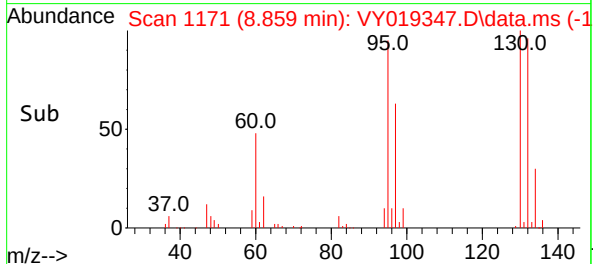
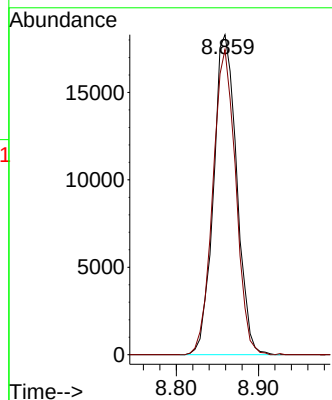
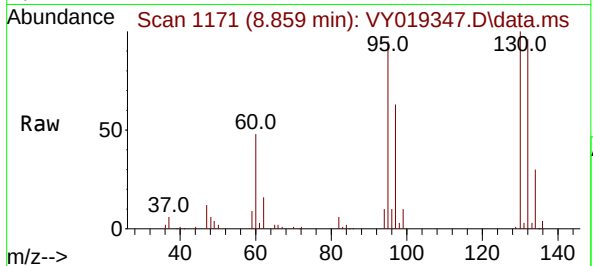




#44
Trichloroethene
Concen: 53.338 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

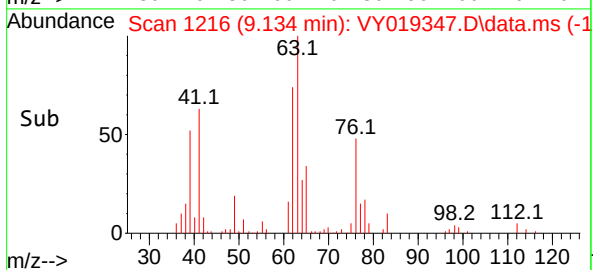
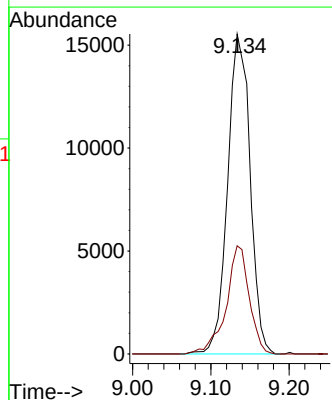
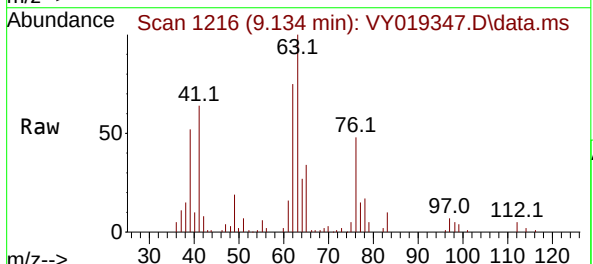
Instrument :
MSVOA_Y
ClientSampleId :

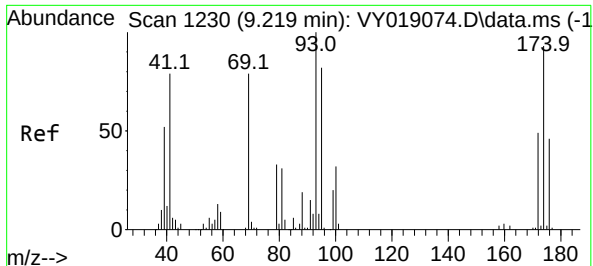
Tgt Ion:130 Resp: 35767
Ion Ratio Lower Upper
130 100
95 95.4 0.0 188.0



#45
1,2-Dichloropropane
Concen: 57.892 ug/l
RT: 9.134 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 63 Resp: 30998
Ion Ratio Lower Upper
63 100
65 33.8 25.4 38.2

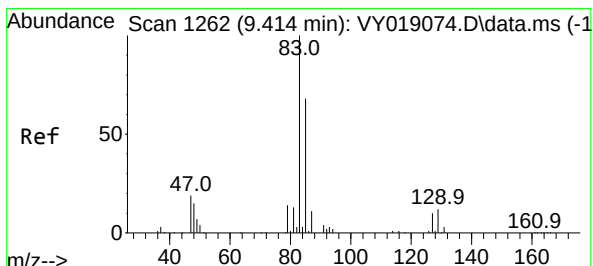
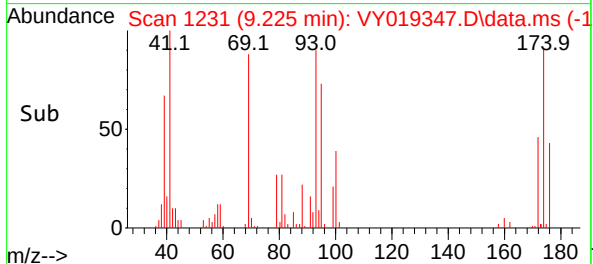
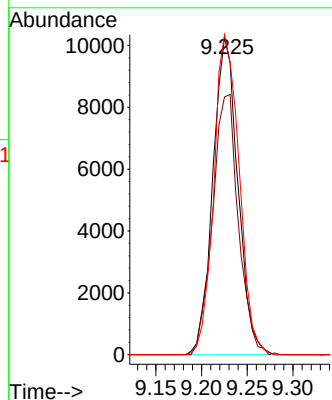
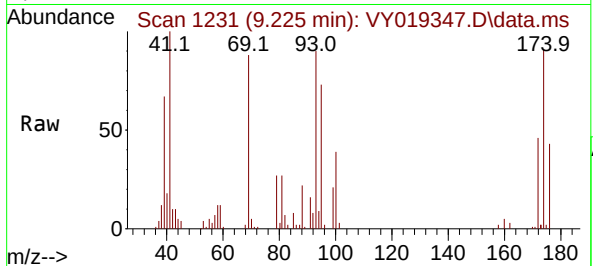




#46
Dibromomethane
Concen: 56.184 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

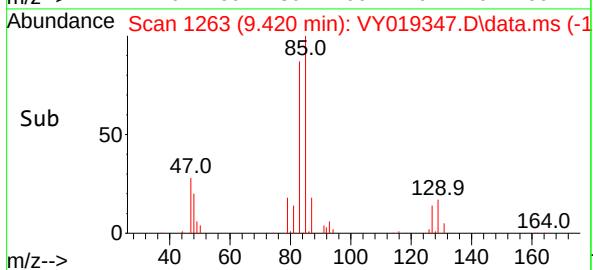
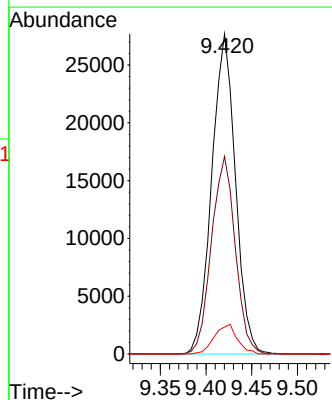
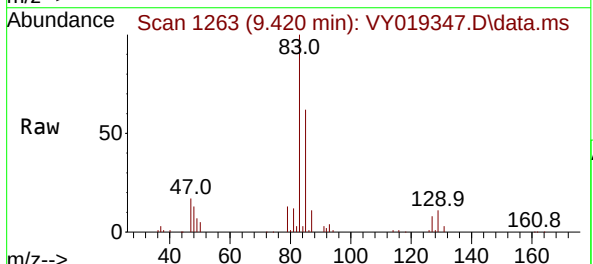
Instrument :
MSVOA_Y
ClientSampleId :

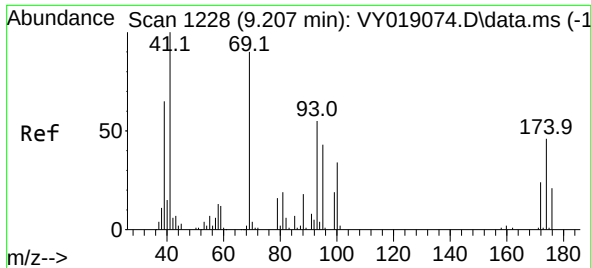
Tgt Ion: 93 Resp: 19512
Ion Ratio Lower Upper
93 100
95 84.4 66.2 99.4
174 102.2 80.9 121.3



#47
Bromodichloromethane
Concen: 58.583 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 83 Resp: 49915
Ion Ratio Lower Upper
83 100
85 61.7 50.1 75.1
127 8.4 7.4 11.0





#48

Methyl methacrylate

Concen: 88.036 ug/l

RT: 9.219 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

ClientSampleId :

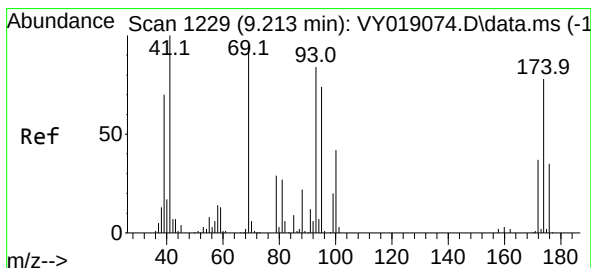
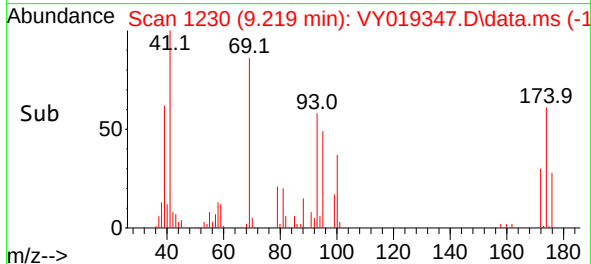
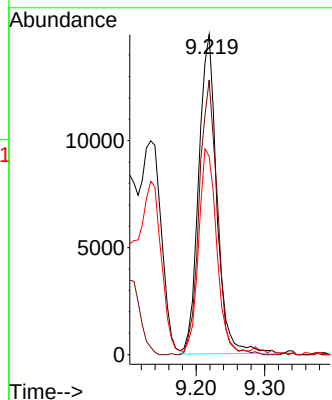
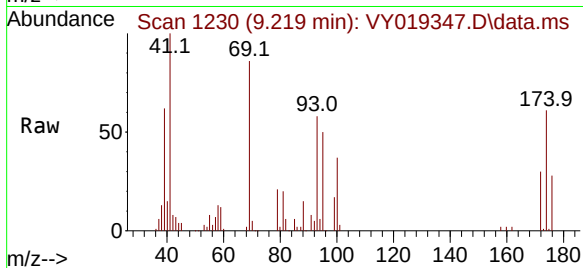
Tgt Ion: 41 Resp: 27547

Ion Ratio Lower Upper

41 100

69 85.4 84.1 126.1

39 64.6 43.6 65.4



#49

1,4-Dioxane

Concen: 1362.985 ug/l

RT: 9.213 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

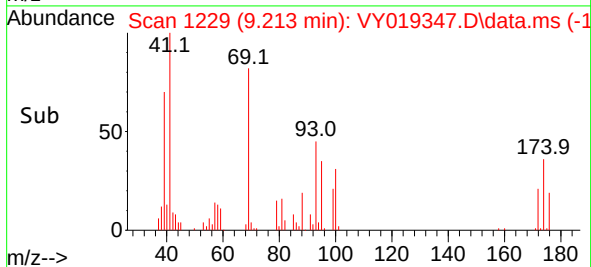
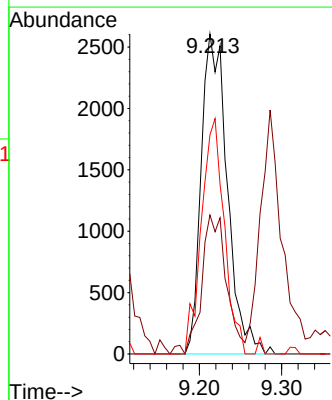
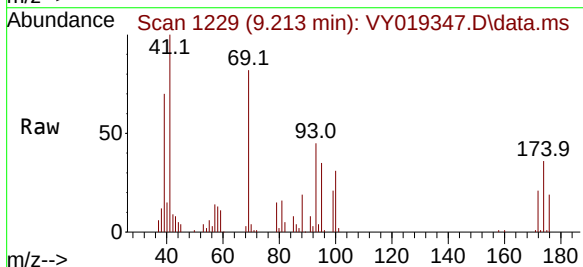
Tgt Ion: 88 Resp: 5734

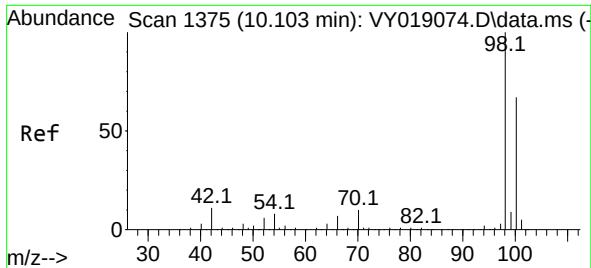
Ion Ratio Lower Upper

88 100

43 41.7 0.0 0.0#

58 64.6 49.3 73.9

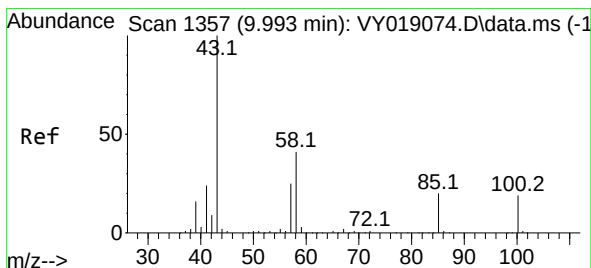
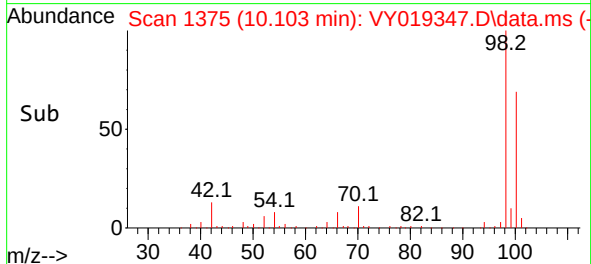
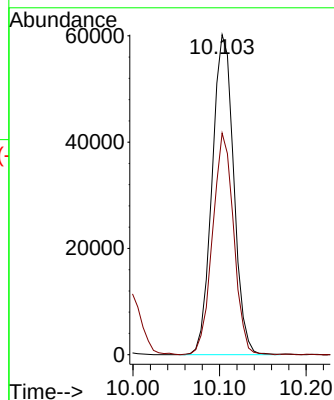
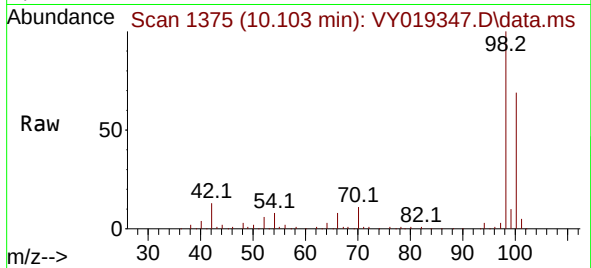




#50
Toluene-d8
Concen: 50.781 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

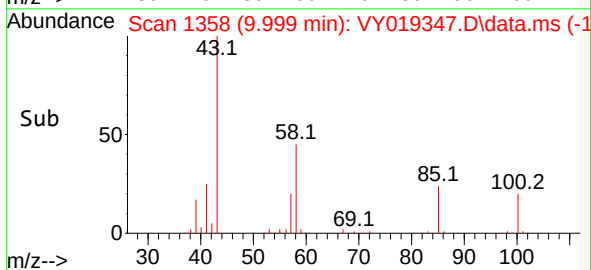
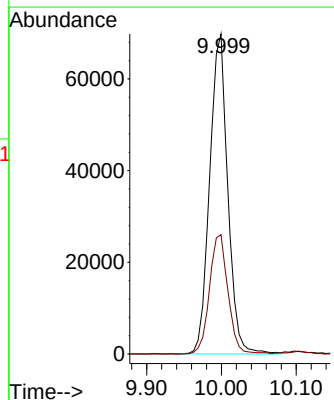
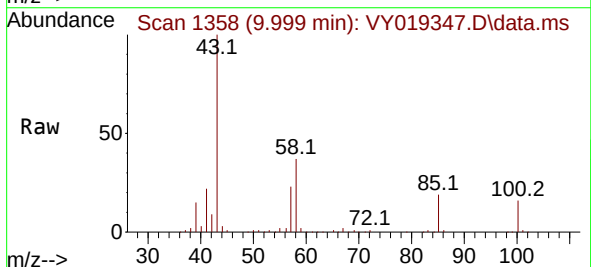
Instrument :
MSVOA_Y
ClientSampleId :

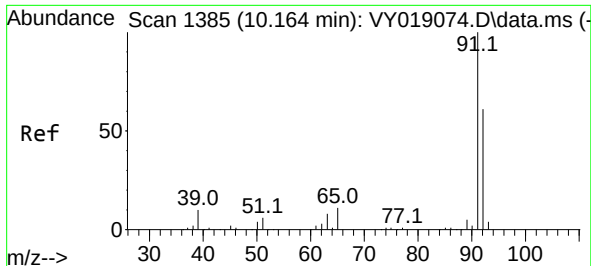
Tgt Ion: 98 Resp: 104281
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 315.301 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

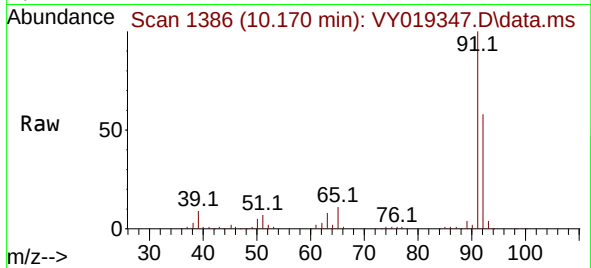
Tgt Ion: 43 Resp: 117498
Ion Ratio Lower Upper
43 100
58 38.1 35.7 53.5



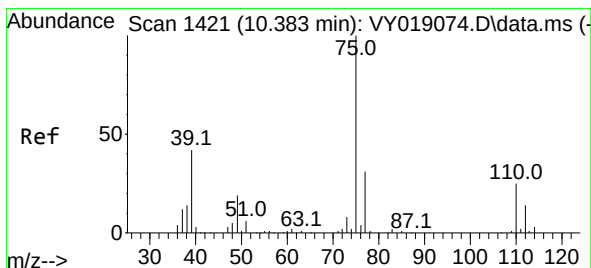
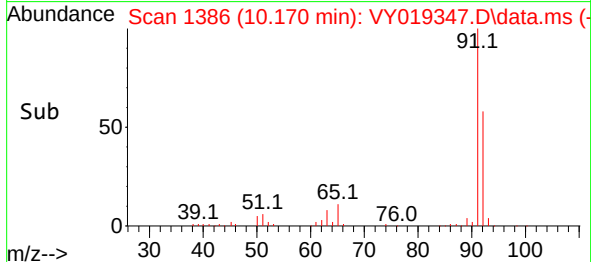
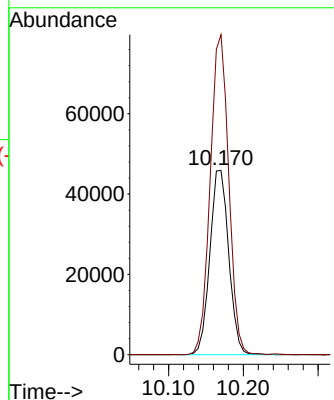


#52
Toluene
Concen: 50.984 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Instrument :
MSVOA_Y
ClientSampleId :

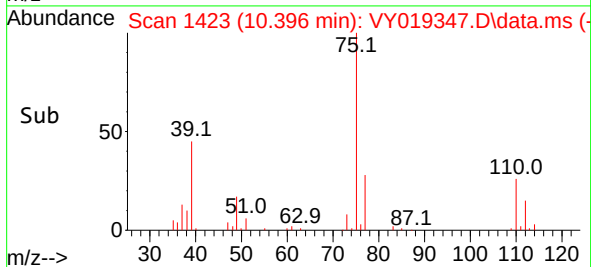
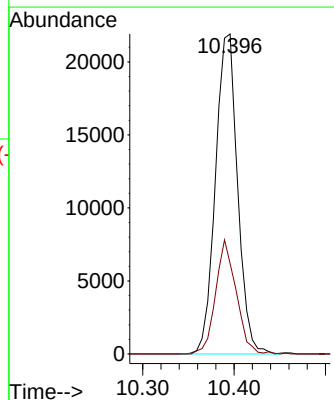
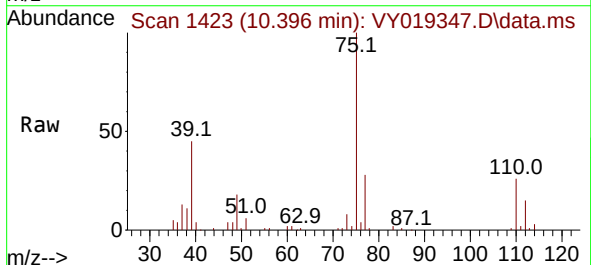


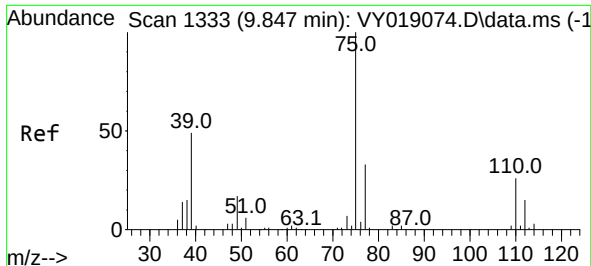
Tgt Ion: 92 Resp: 80429
Ion Ratio Lower Upper
92 100
91 170.5 139.0 208.6



#53
t-1,3-Dichloropropene
Concen: 52.152 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.012 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 75 Resp: 36861
Ion Ratio Lower Upper
75 100
77 28.2 24.1 36.1

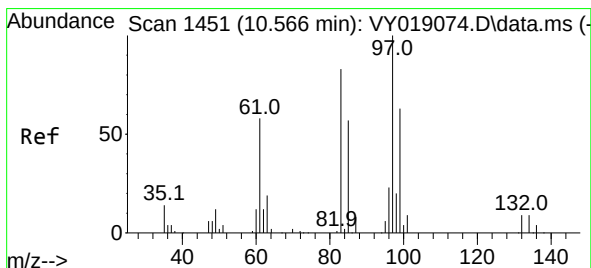
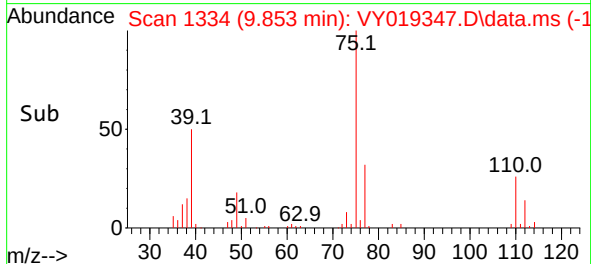
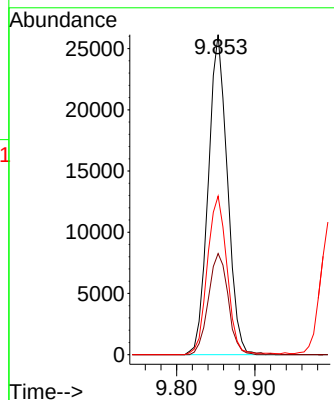
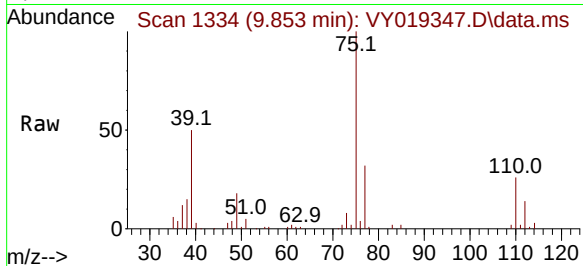




#54
 cis-1,3-Dichloropropene
 Concen: 52.154 ug/l
 RT: 9.853 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY019347.D
 Acq: 28 Aug 2024 22:16

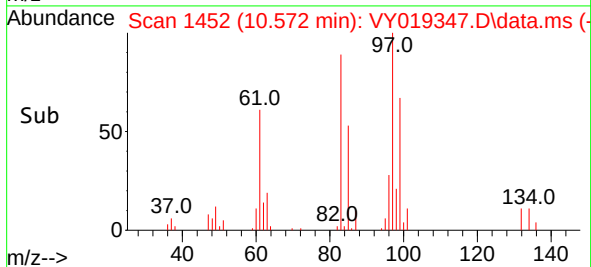
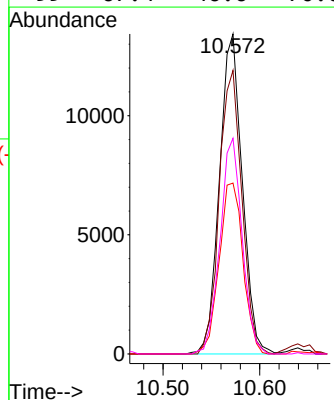
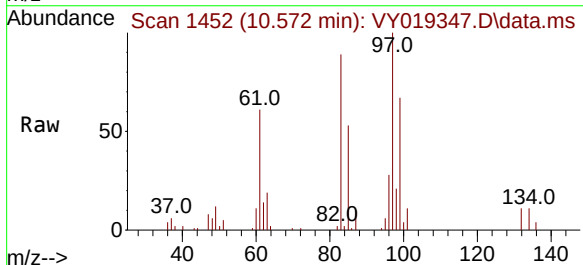
Instrument :
 MSVOA_Y
 ClientSampleId :

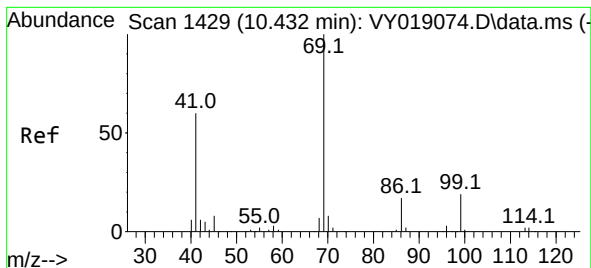
Tgt Ion: 75 Resp: 44332
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 49.5 29.8 44.6#



#55
 1,1,2-Trichloroethane
 Concen: 49.164 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.006 min
 Lab File: VY019347.D
 Acq: 28 Aug 2024 22:16

Tgt Ion: 97 Resp: 21980
 Ion Ratio Lower Upper
 97 100
 83 88.6 67.5 101.3
 85 53.4 42.9 64.3
 99 67.4 46.6 70.0





#56

Ethyl methacrylate

Concen: 24.608 ug/l

RT: 10.438 min Scan# 1429

Delta R.T. 0.006 min

Lab File: VY019347.D

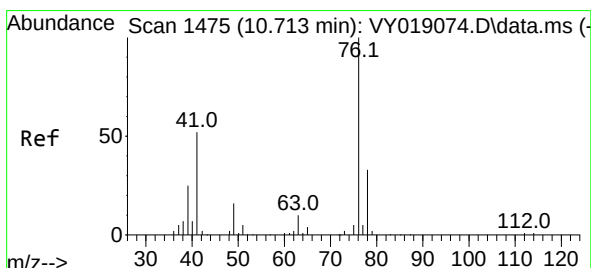
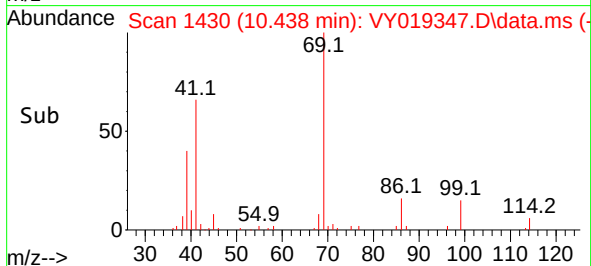
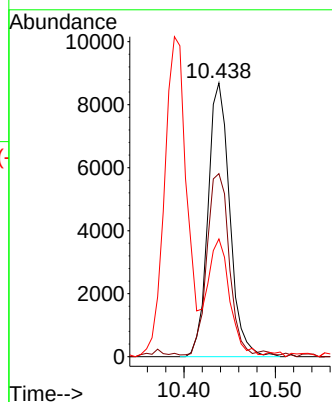
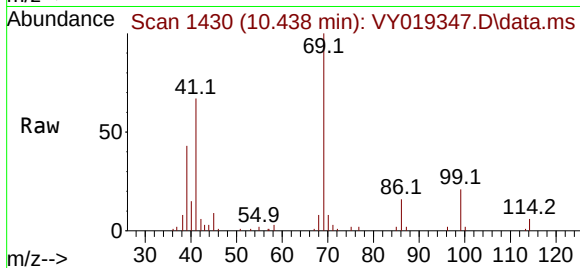
Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	69	Resp:	14400
Ion	Ratio	Lower	Upper
69	100		
41	67.7	42.3	63.5#
39	39.9	22.9	34.3#



#57

1,3-Dichloropropane

Concen: 50.083 ug/l

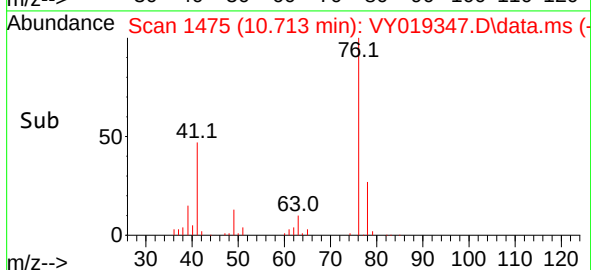
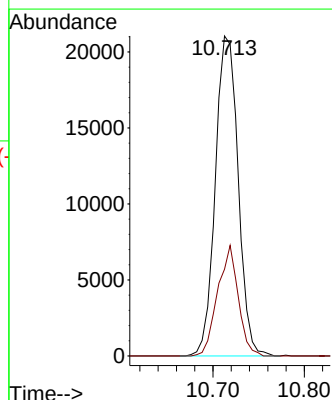
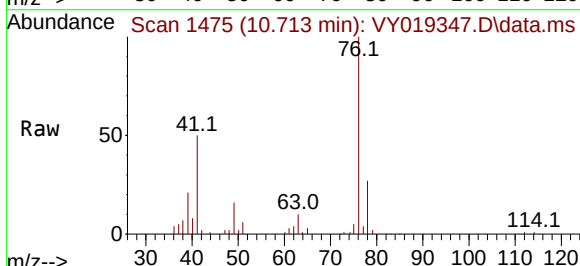
RT: 10.713 min Scan# 1475

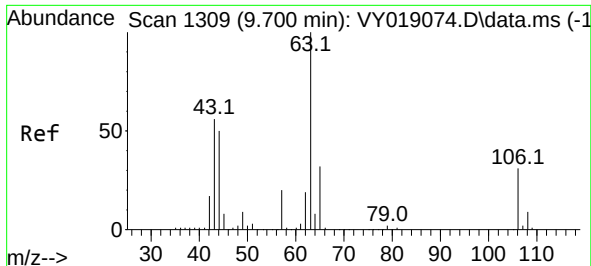
Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Tgt Ion:	76	Resp:	36501
Ion	Ratio	Lower	Upper
76	100		
78	31.2	26.2	39.4





#58

2-Chloroethyl Vinyl ether

Concen: 239.681 ug/l

RT: 9.707 min Scan# 1309

Delta R.T. 0.006 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

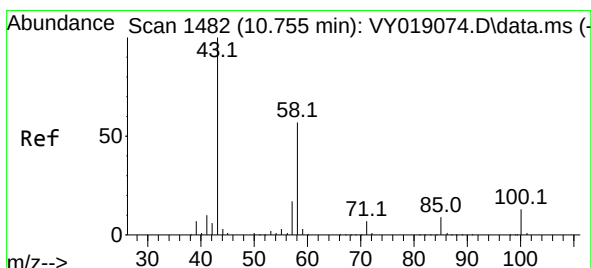
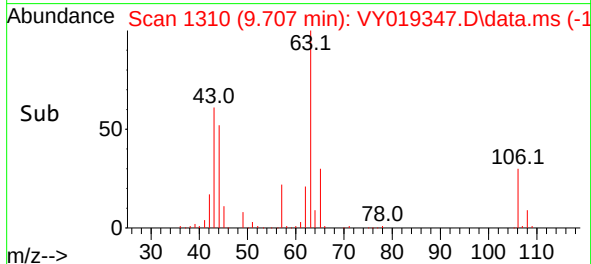
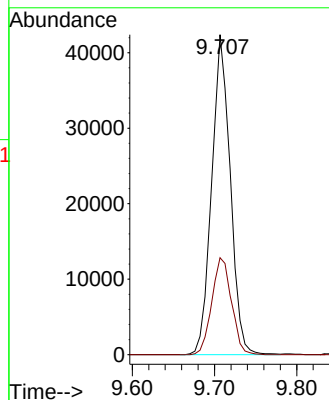
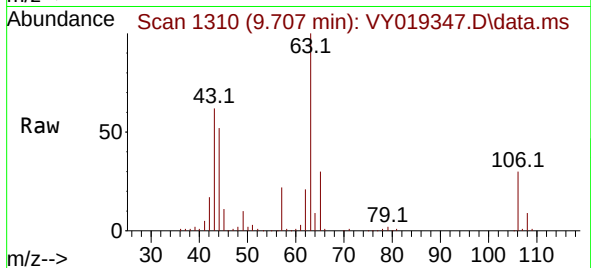
ClientSampleId :

Tgt Ion: 63 Resp: 66538

Ion Ratio Lower Upper

63 100

106 32.0 23.7 35.5



#59

2-Hexanone

Concen: 231.532 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY019347.D

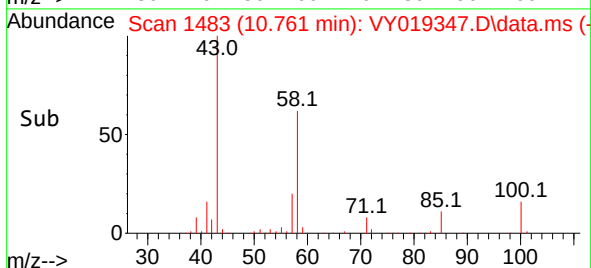
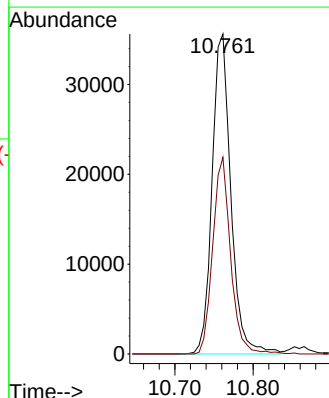
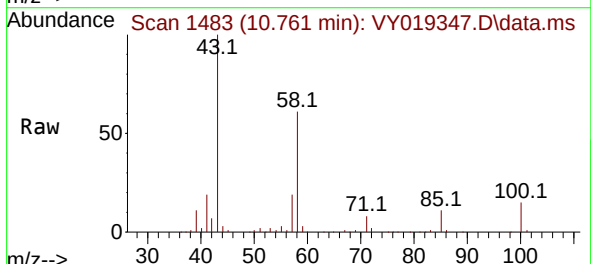
Acq: 28 Aug 2024 22:16

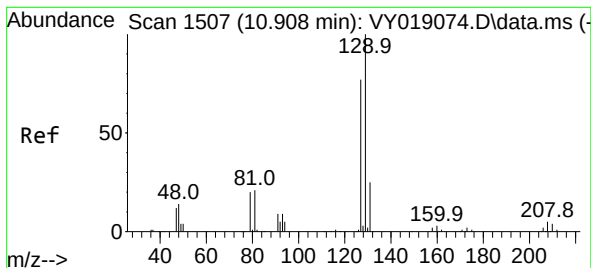
Tgt Ion: 43 Resp: 59277

Ion Ratio Lower Upper

43 100

58 58.7 31.4 94.0





#60

Dibromochloromethane

Concen: 45.657 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

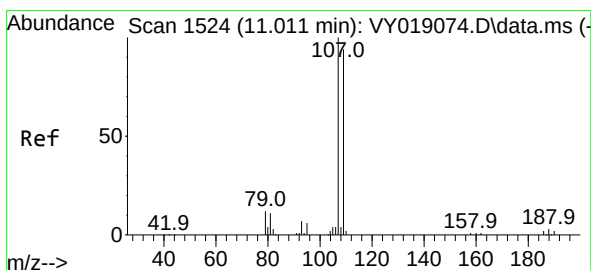
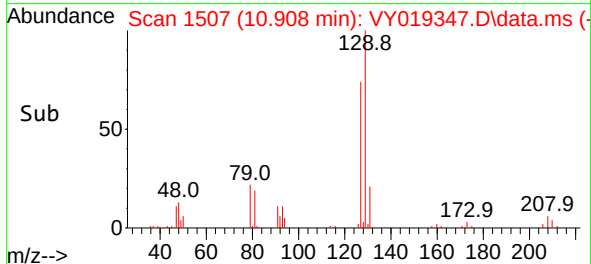
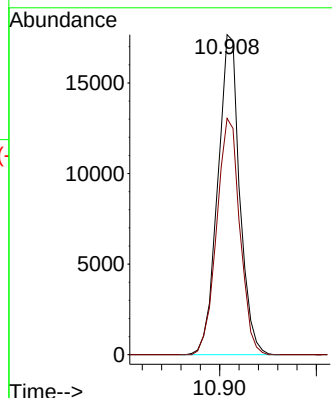
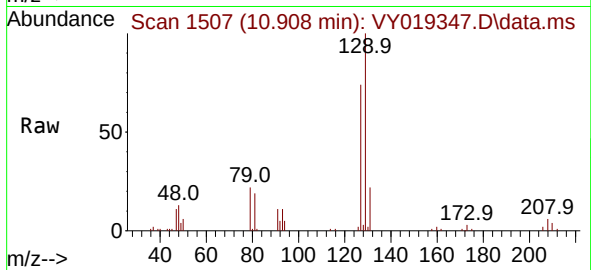
ClientSampleId :

Tgt Ion:129 Resp: 27802

Ion Ratio Lower Upper

129 100

127 77.8 39.0 117.0



#61

1,2-Dibromoethane

Concen: 48.619 ug/l

RT: 11.011 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VY019347.D

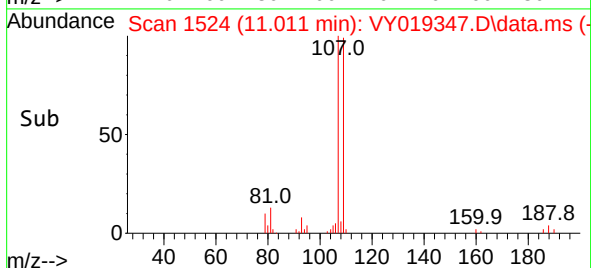
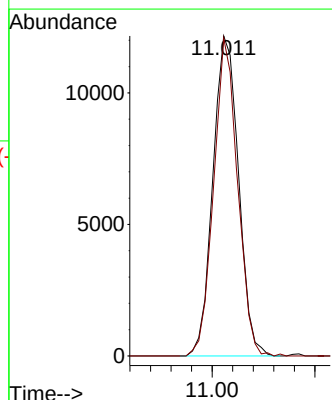
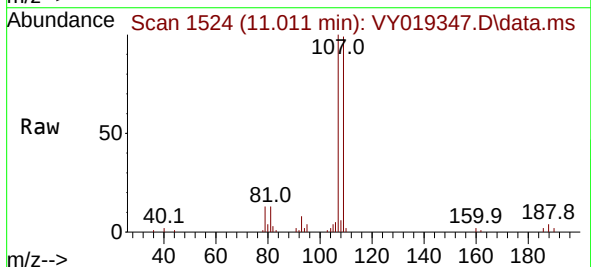
Acq: 28 Aug 2024 22:16

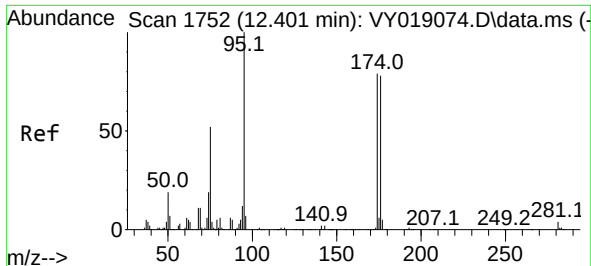
Tgt Ion:107 Resp: 21009

Ion Ratio Lower Upper

107 100

109 92.8 75.9 113.9





#62

4-Bromofluorobenzene

Concen: 26.084 ug/l

RT: 12.407 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

ClientSampleId :

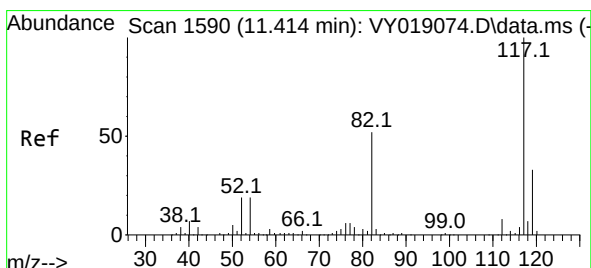
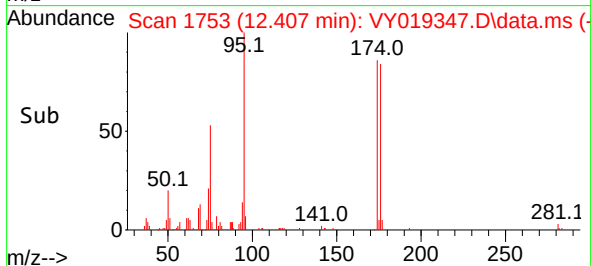
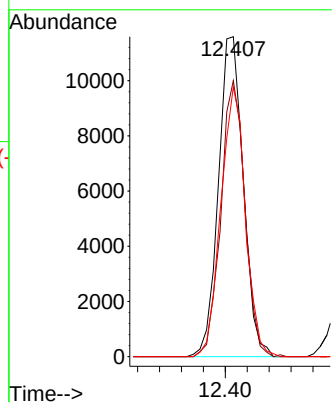
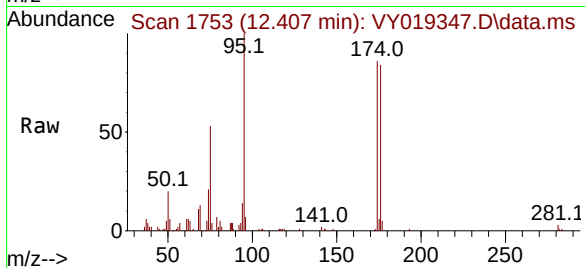
Tgt Ion: 95 Resp: 18260

Ion Ratio Lower Upper

95 100

174 82.9 0.0 175.6

176 82.7 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

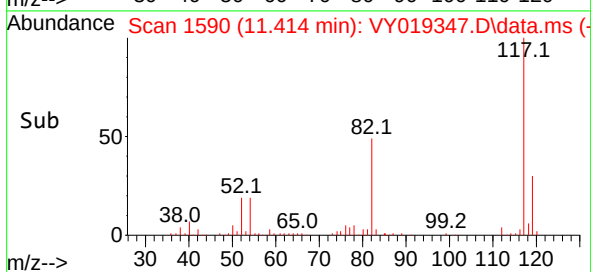
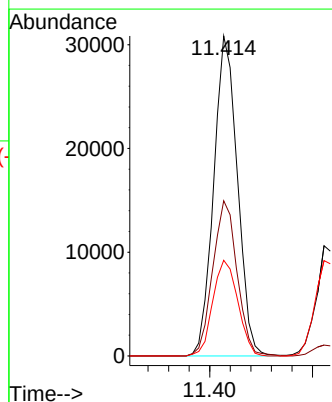
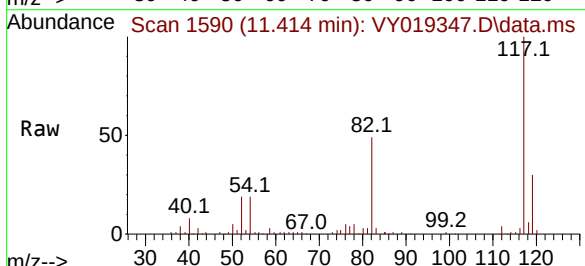
Tgt Ion: 117 Resp: 49374

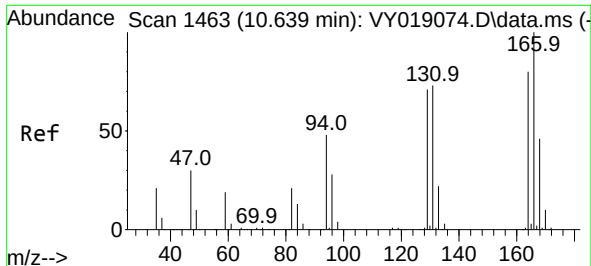
Ion Ratio Lower Upper

117 100

82 48.5 42.4 63.6

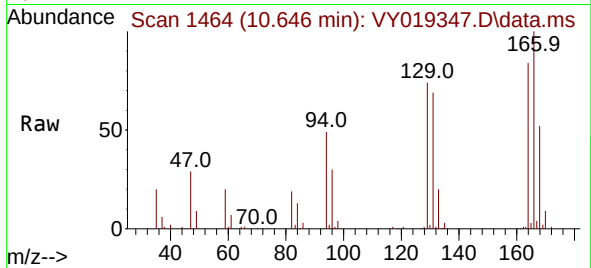
119 29.9 25.9 38.9



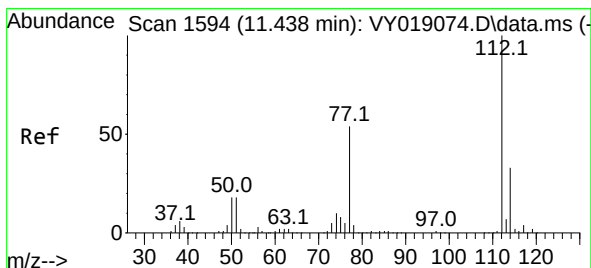
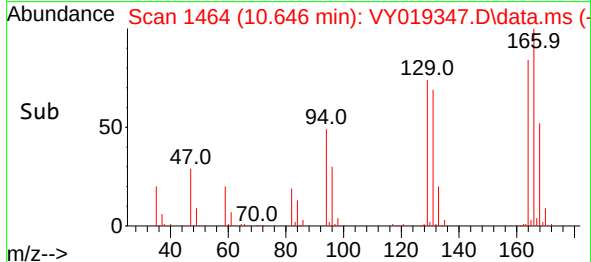
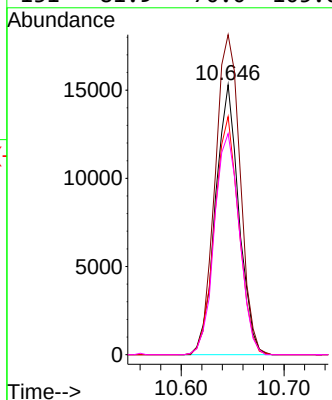


#64
Tetrachloroethene
Concen: 56.163 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Instrument :
MSVOA_Y
ClientSampleId :

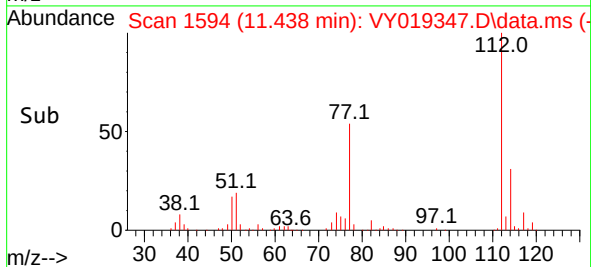
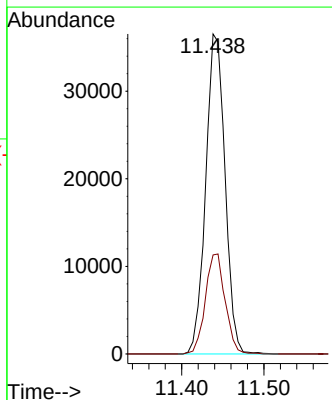
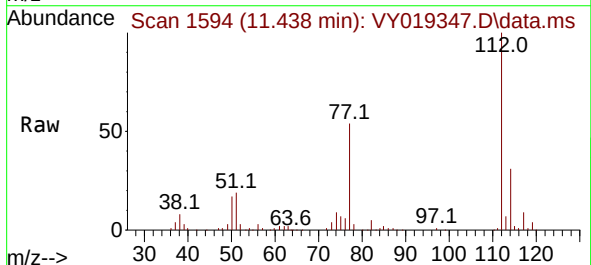


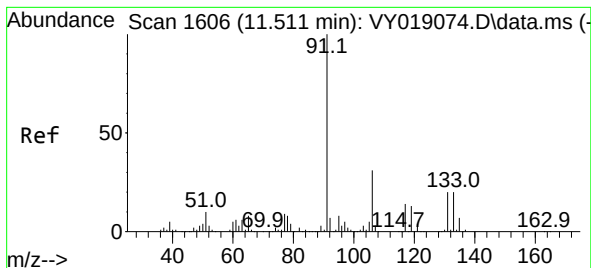
Tgt Ion:164 Resp: 24238
Ion Ratio Lower Upper
164 100
166 118.6 102.6 154.0
129 88.2 72.0 108.0
131 81.9 70.0 105.0



#65
Chlorobenzene
Concen: 52.553 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion:112 Resp: 59747
Ion Ratio Lower Upper
112 100
114 31.0 26.4 39.6





#66

1,1,1,2-Tetrachloroethane

Concen: 62.140 ug/l

RT: 11.517 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

ClientSampleId :

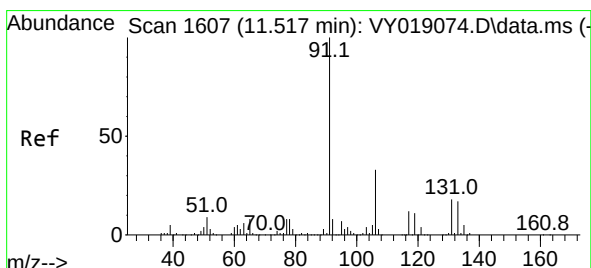
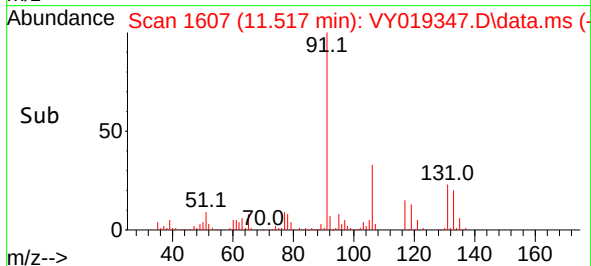
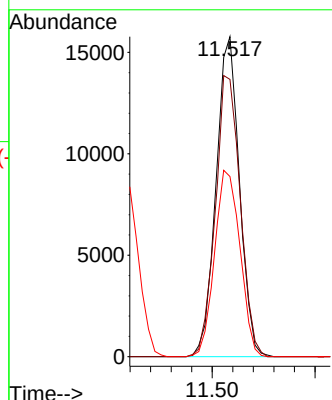
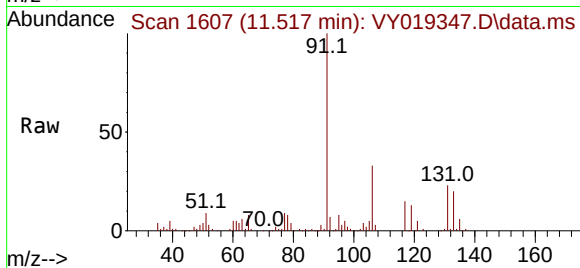
Tgt Ion:131 Resp: 24844

Ion Ratio Lower Upper

131 100

133 93.6 47.8 143.3

119 63.4 34.1 102.2



#67

Ethyl Benzene

Concen: 52.342 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019347.D

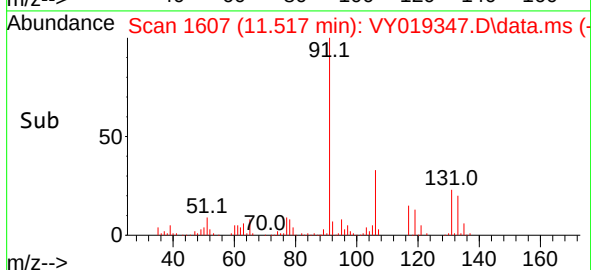
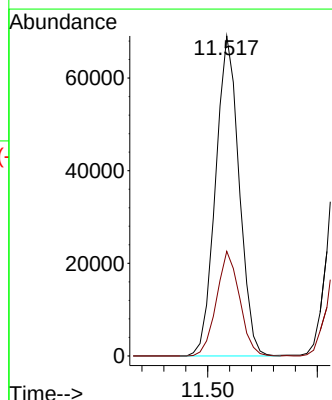
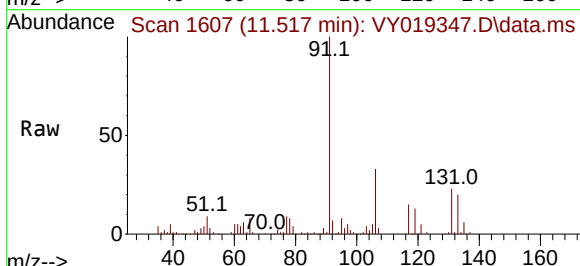
Acq: 28 Aug 2024 22:16

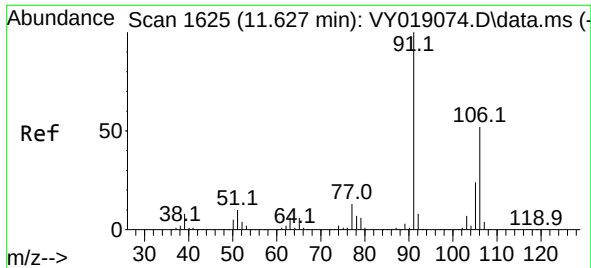
Tgt Ion: 91 Resp: 103284

Ion Ratio Lower Upper

91 100

106 32.7 24.5 36.7

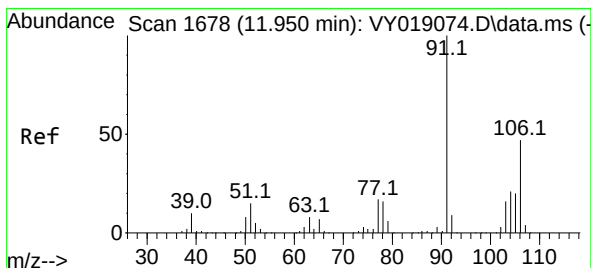
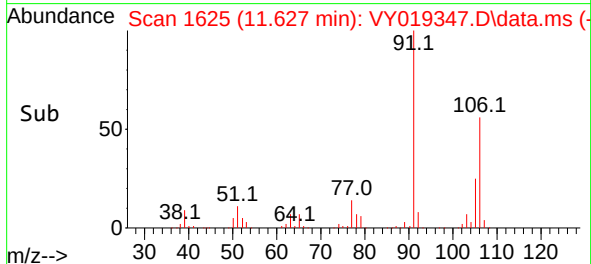
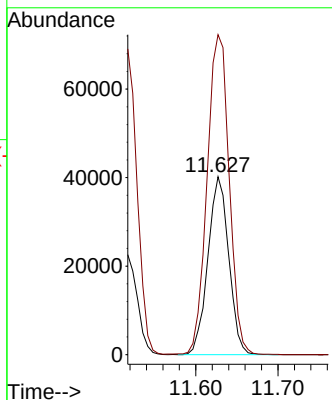
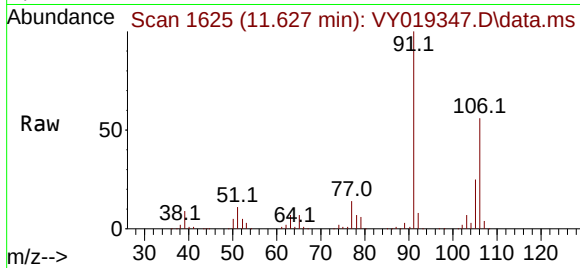




#68
m/p-Xylenes
Concen: 90.429 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

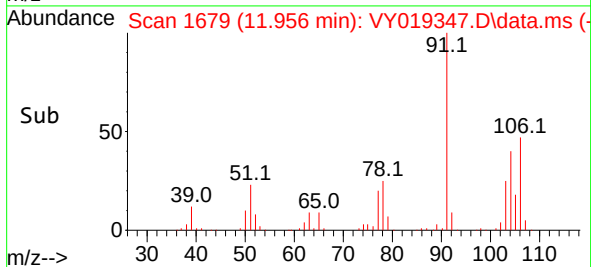
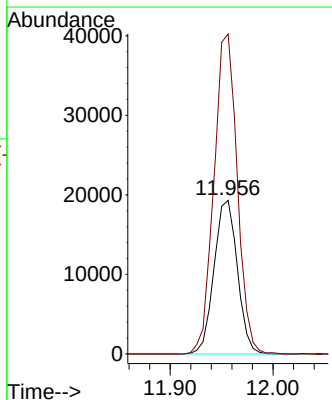
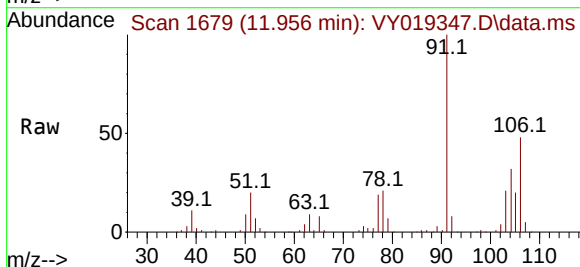
Instrument :
MSVOA_Y
ClientSampleId :

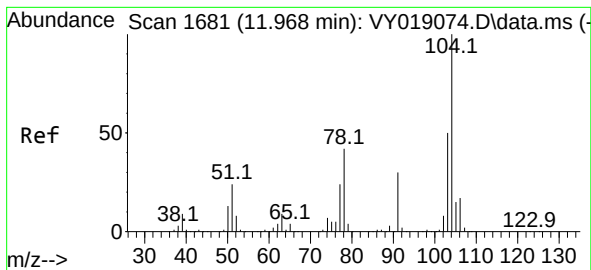
Tgt Ion:106 Resp: 70804
Ion Ratio Lower Upper
106 100
91 190.8 156.0 234.0



#69
o-Xylene
Concen: 41.894 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion:106 Resp: 30376
Ion Ratio Lower Upper
106 100
91 208.6 103.6 310.8





#70

Styrene

Concen: 38.431 ug/l

RT: 11.968 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

ClientSampleId :

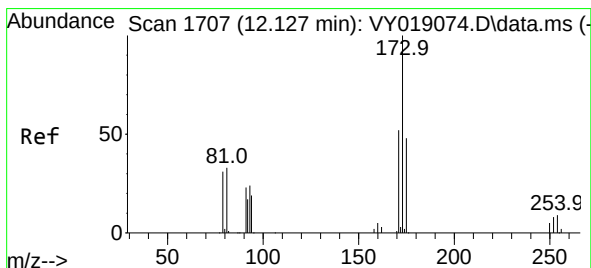
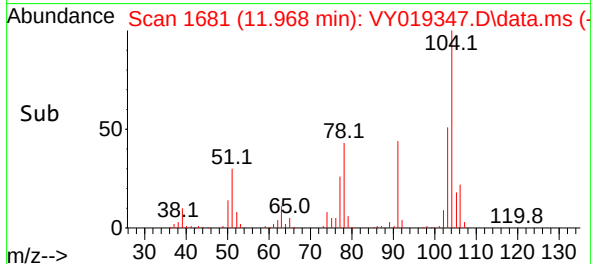
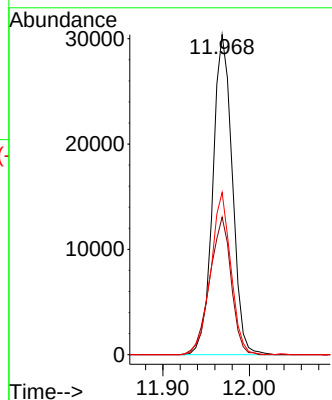
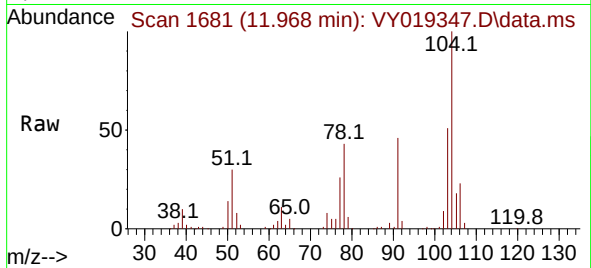
Tgt Ion:104 Resp: 47518

Ion Ratio Lower Upper

104 100

78 47.2 37.0 55.4

103 52.6 44.2 66.2



#71

Bromoform

Concen: 50.628 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

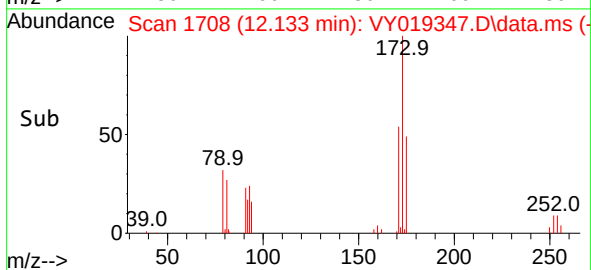
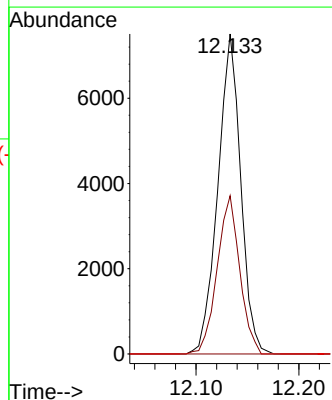
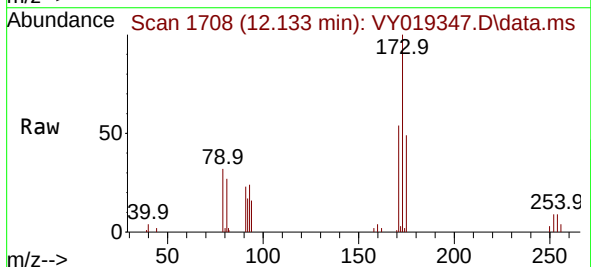
Tgt Ion:173 Resp: 11571

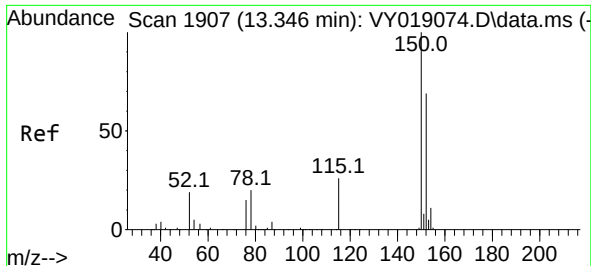
Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.3

254 0.0 0.0 0.0

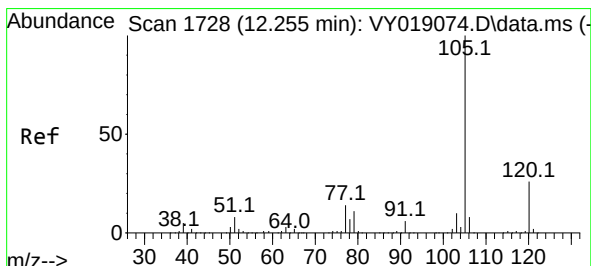
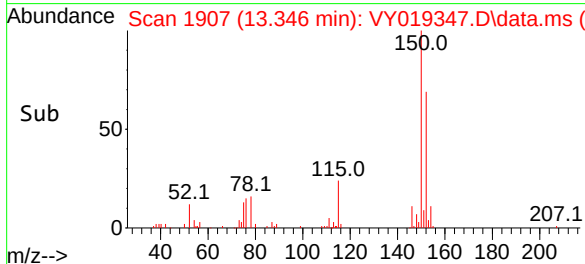
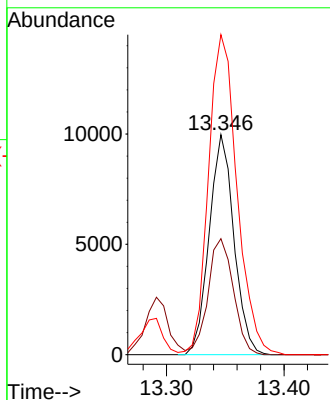
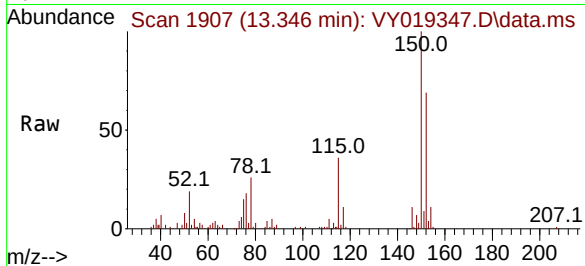




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

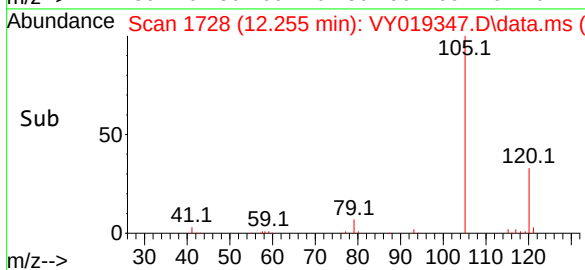
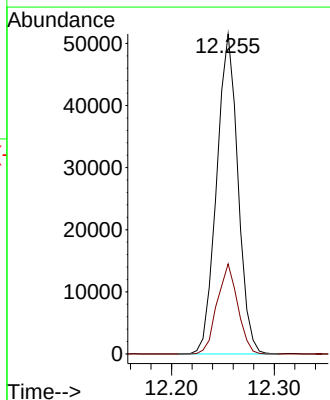
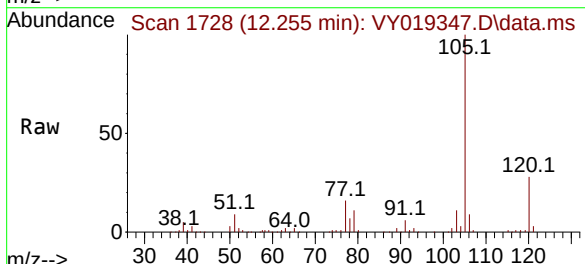
Instrument :
MSVOA_Y
ClientSampleId :

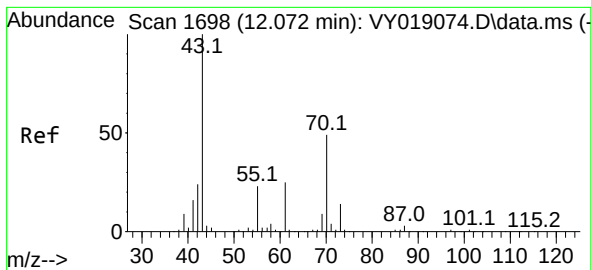
Tgt Ion:152 Resp: 14603
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 167.4 0.0 345.6



#73
Isopropylbenzene
Concen: 66.220 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion:105 Resp: 74117
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1





#74

N-amy1 acetate

Concen: 1.905 ug/l

RT: 12.072 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 465

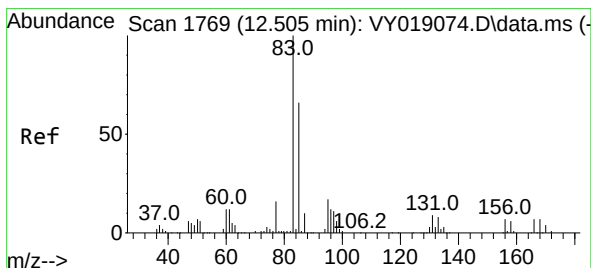
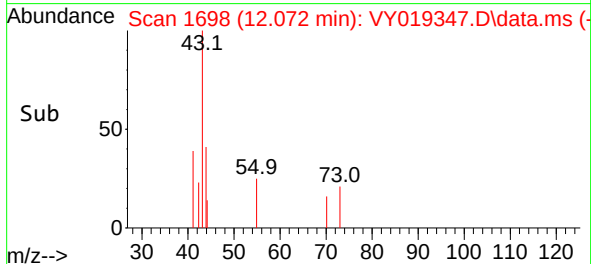
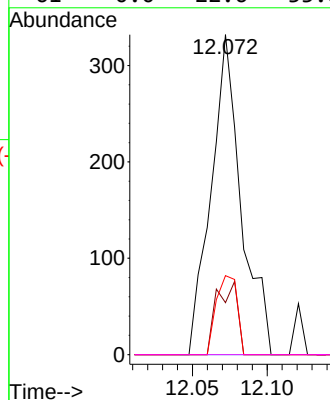
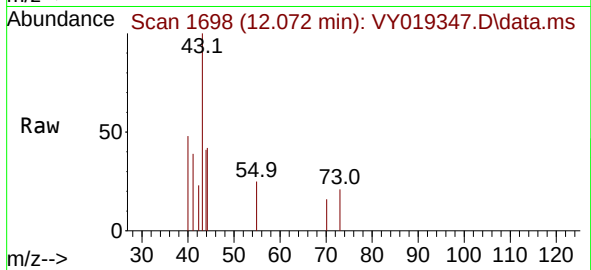
Ion Ratio Lower Upper

43 100

70 15.5 41.4 62.2#

55 17.0 23.3 34.9#

61 0.0 22.6 33.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 96.407 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

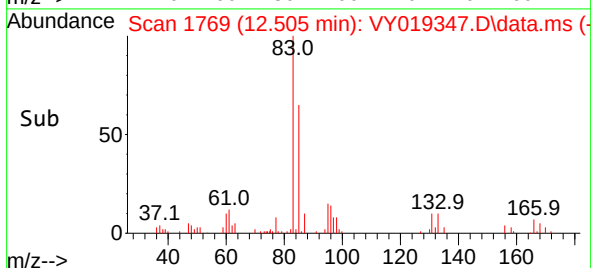
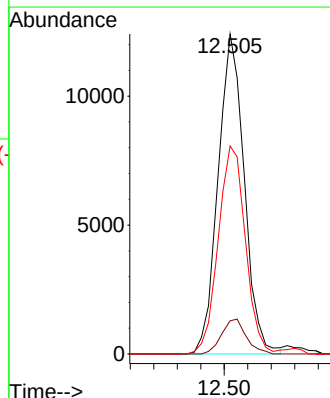
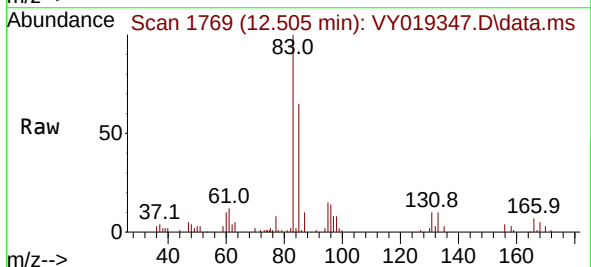
Tgt Ion: 83 Resp: 19210

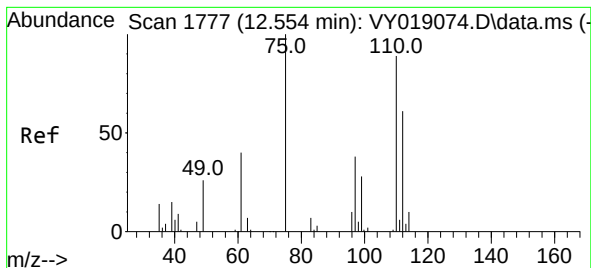
Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 67.4 32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 159.396 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

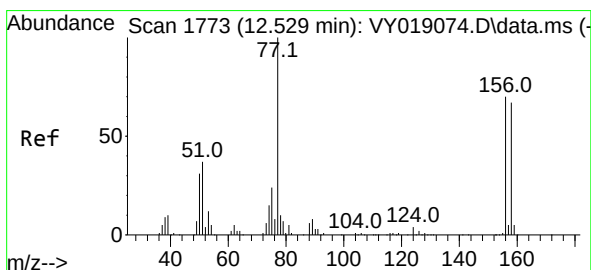
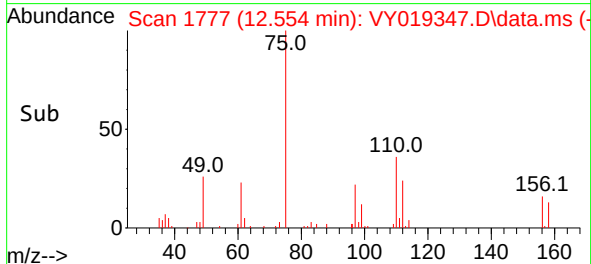
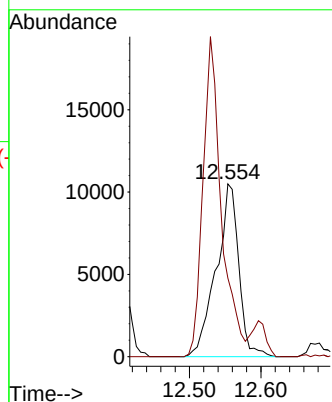
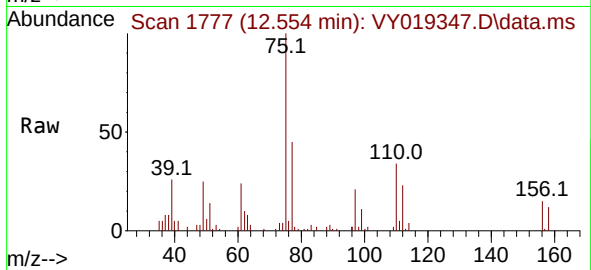
ClientSampleId :

Tgt Ion: 75 Resp: 22955

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 71.634 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

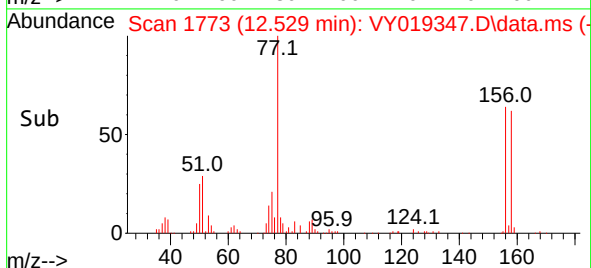
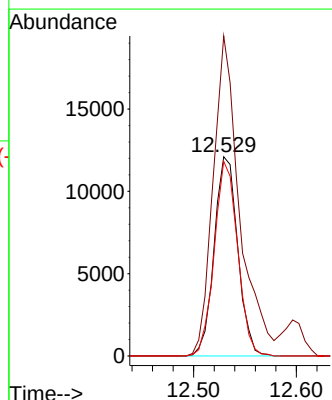
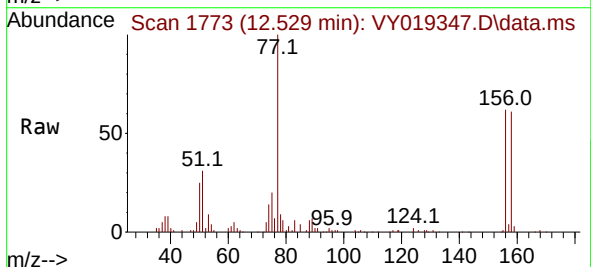
Tgt Ion: 156 Resp: 19255

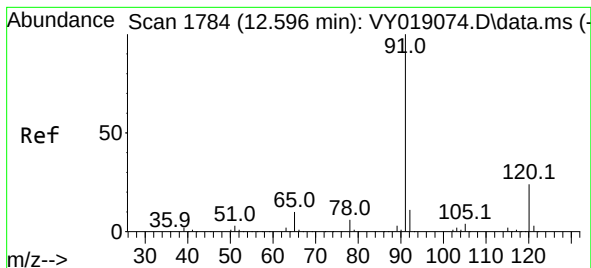
Ion Ratio Lower Upper

156 100

77 180.3 87.1 261.3

158 96.7 48.6 145.9





#78

n-propylbenzene

Concen: 62.589 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

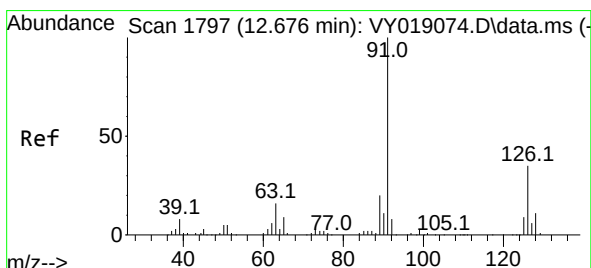
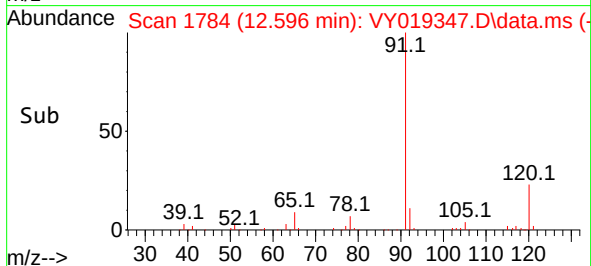
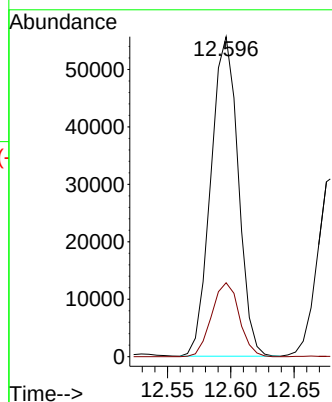
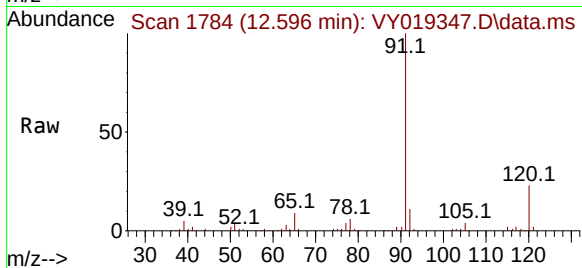
ClientSampleId :

Tgt Ion: 91 Resp: 83743

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 64.607 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY019347.D

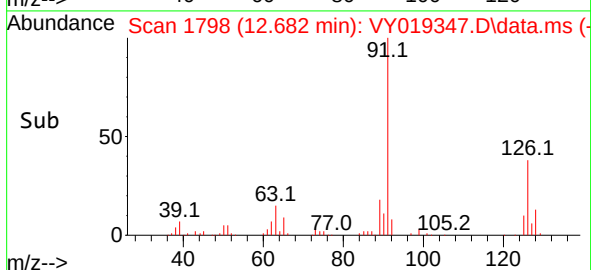
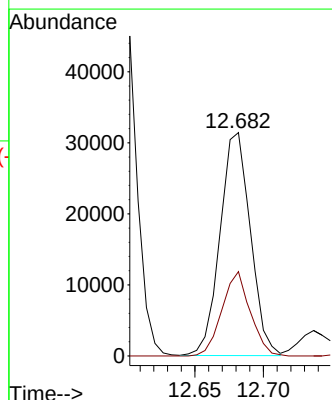
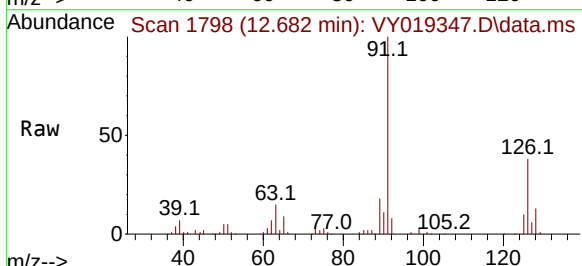
Acq: 28 Aug 2024 22:16

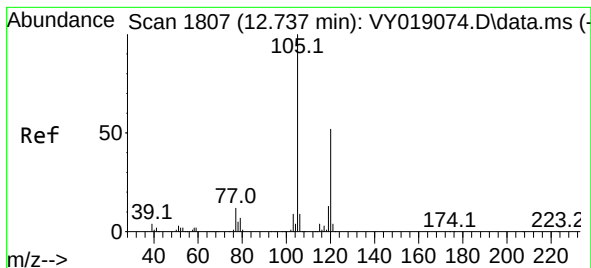
Tgt Ion: 91 Resp: 48464

Ion Ratio Lower Upper

91 100

126 35.1 17.8 53.5





#80

1,3,5-Trimethylbenzene

Concen: 52.640 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

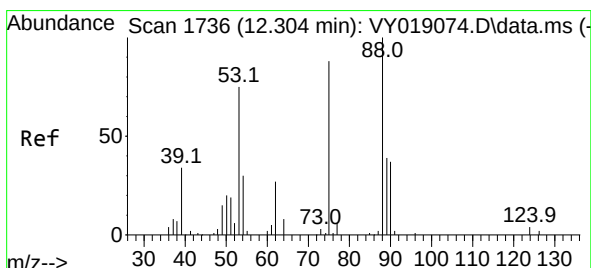
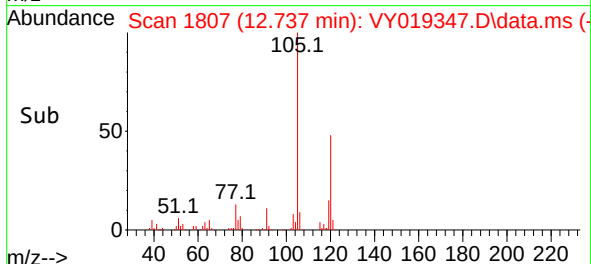
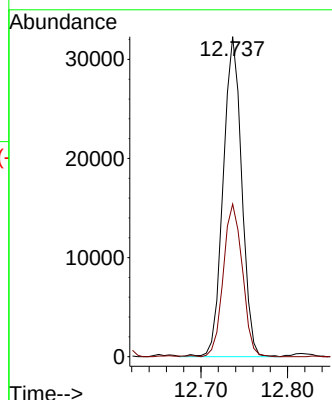
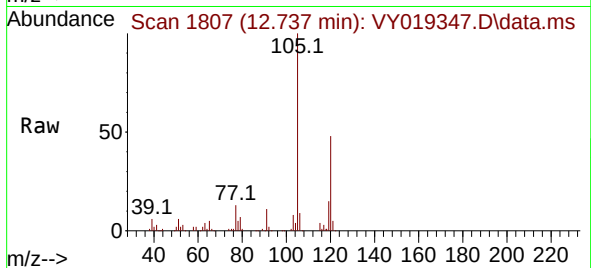
ClientSampleId :

Tgt Ion:105 Resp: 47997

Ion Ratio Lower Upper

105 100

120 49.0 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 75.936 ug/l

RT: 12.304 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

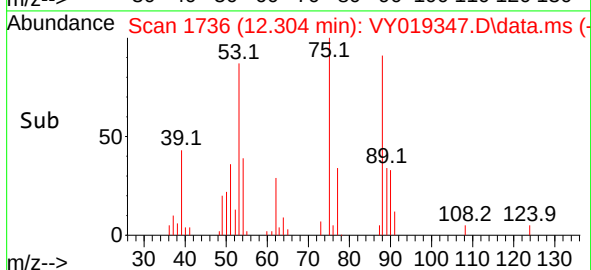
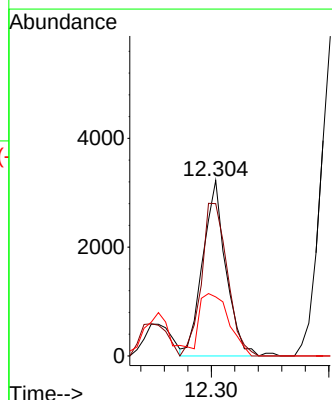
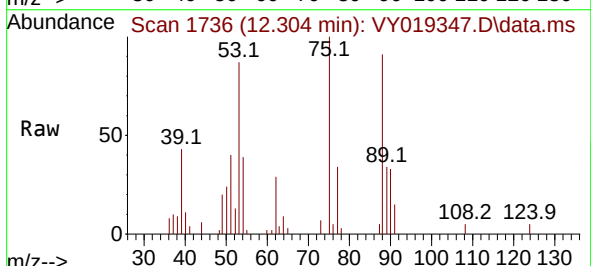
Tgt Ion: 75 Resp: 4428

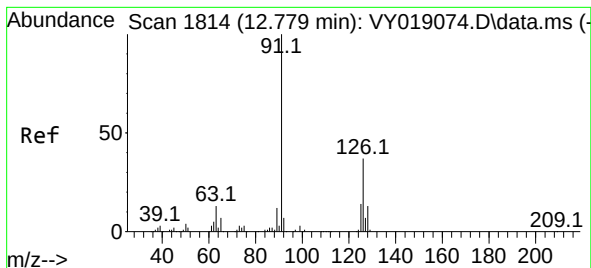
Ion Ratio Lower Upper

75 100

53 97.3 66.8 100.2

89 45.4 35.8 53.6

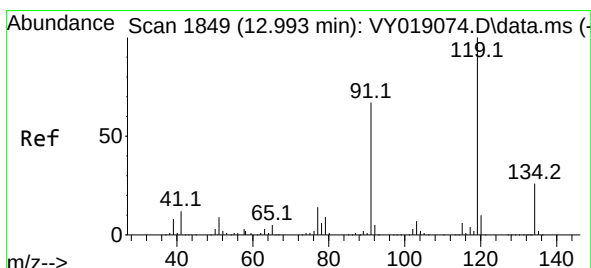
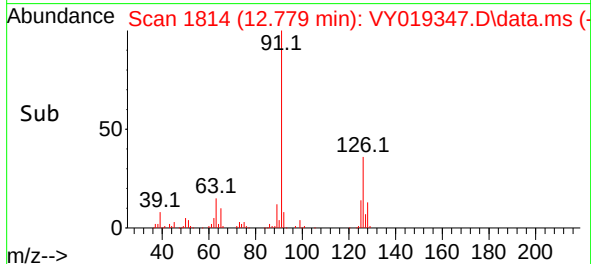
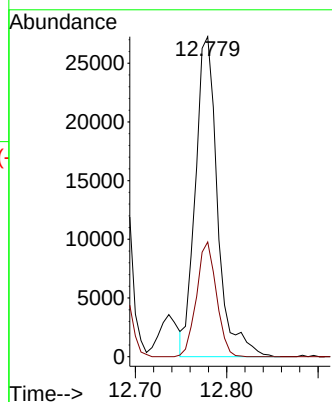
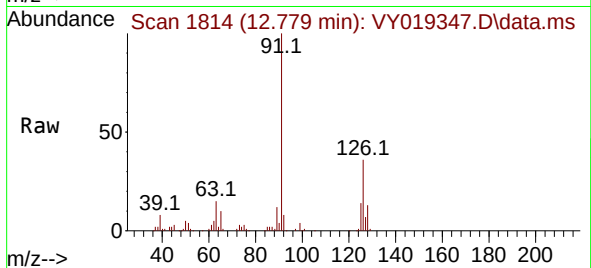




#82
4-Chlorotoluene
Concen: 58.777 ug/l
RT: 12.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

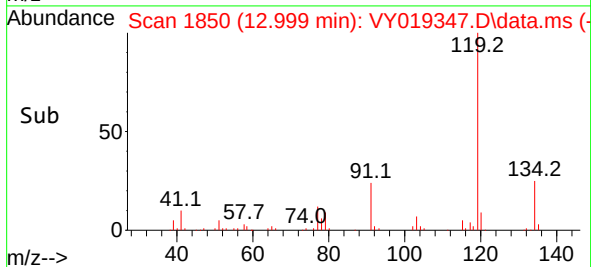
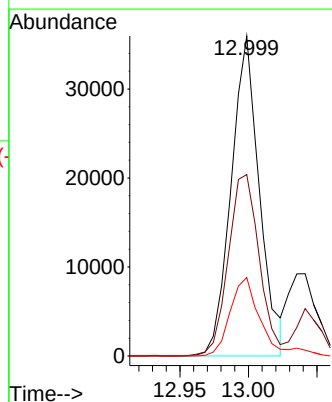
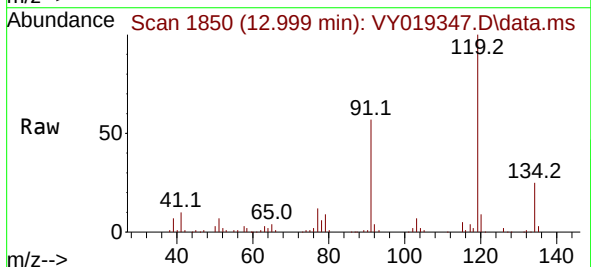
Instrument :
MSVOA_Y
ClientSampleId :

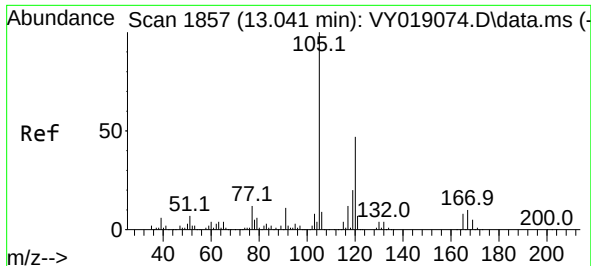
Tgt Ion: 91 Resp: 45871
Ion Ratio Lower Upper
91 100
126 32.2 17.6 52.9



#83
tert-Butylbenzene
Concen: 61.266 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion: 119 Resp: 51588
Ion Ratio Lower Upper
119 100
91 61.9 31.3 93.8
134 26.6 13.4 40.1

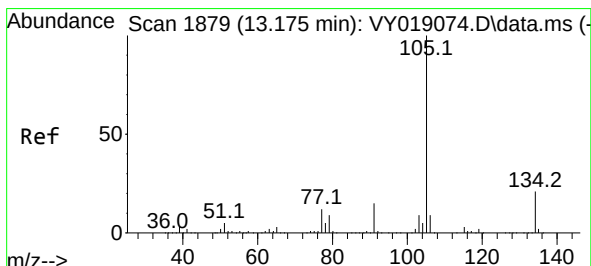
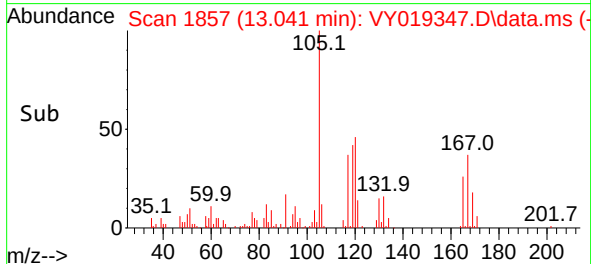
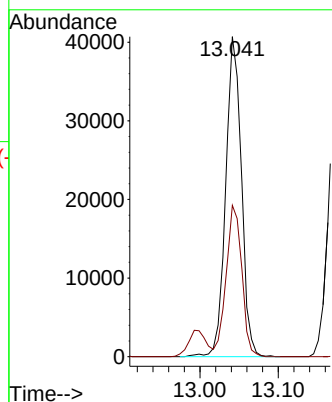
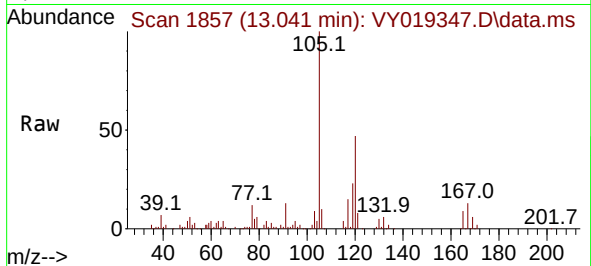




#84
1,2,4-Trimethylbenzene
Concen: 62.539 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

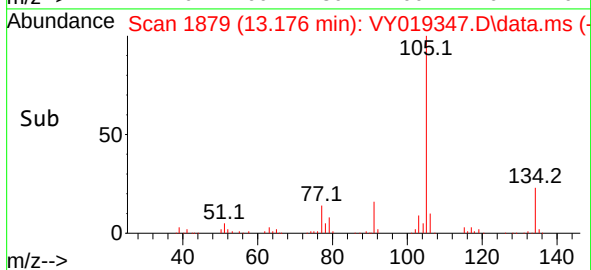
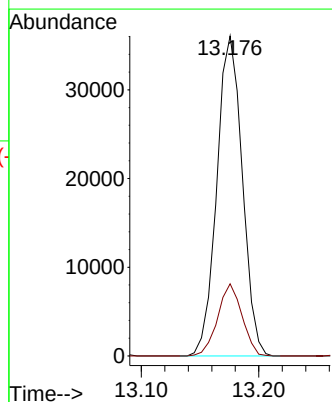
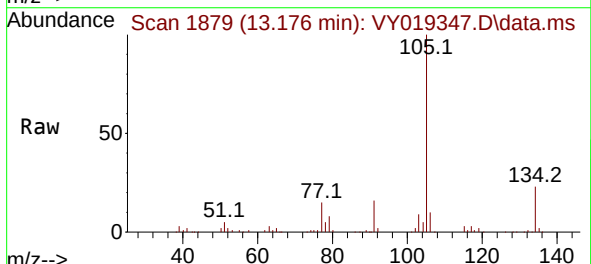
Instrument :
MSVOA_Y
ClientSampleId :

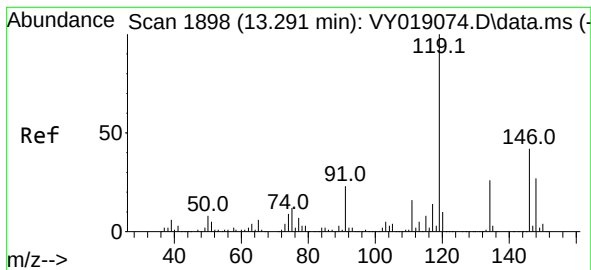
Tgt Ion:105 Resp: 56832
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.6



#85
sec-Butylbenzene
Concen: 44.316 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

Tgt Ion:105 Resp: 54378
Ion Ratio Lower Upper
105 100
134 21.5 10.1 30.1

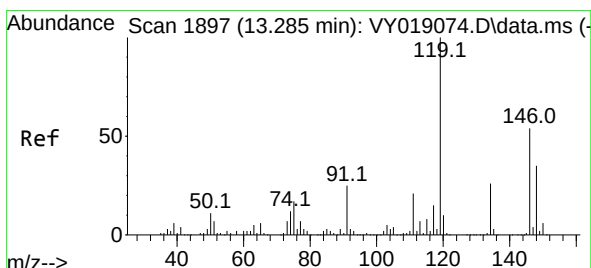
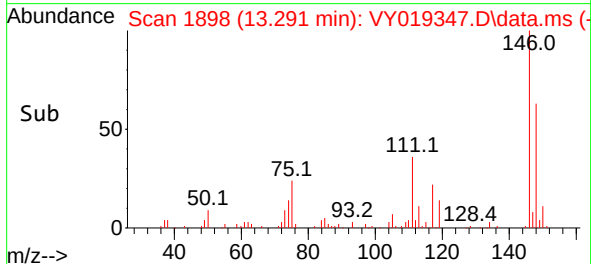
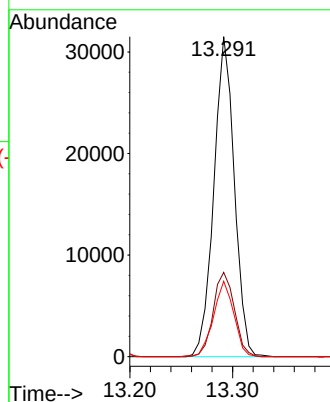
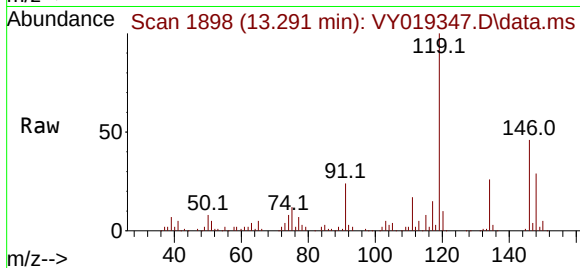




#86
 p-Isopropyltoluene
 Concen: 43.274 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019347.D
 Acq: 28 Aug 2024 22:16

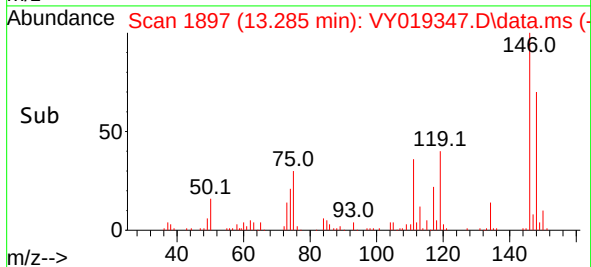
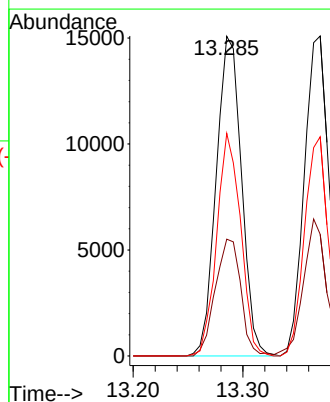
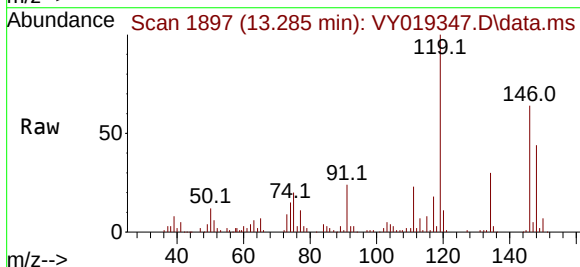
Instrument :
 MSVOA_Y
 ClientSampleId :

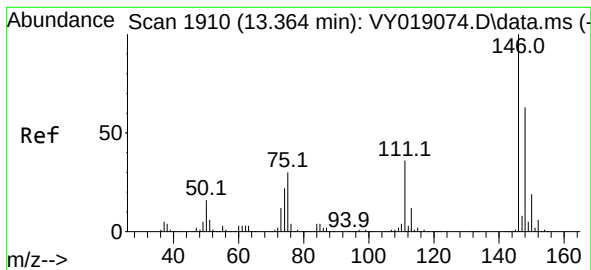
Tgt Ion:119 Resp: 43616
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.3
 91 23.4 10.7 32.1



#87
 1,3-Dichlorobenzene
 Concen: 45.689 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY019347.D
 Acq: 28 Aug 2024 22:16

Tgt Ion:146 Resp: 24220
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.0 57.0
 148 65.7 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 44.724 ug/l

RT: 13.371 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

ClientSampleId :

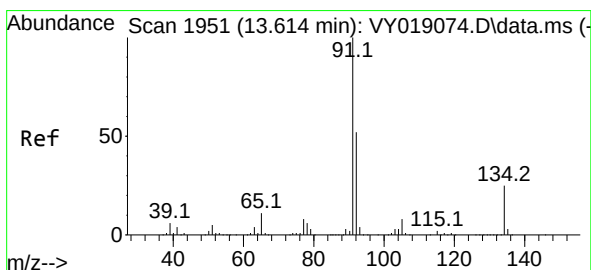
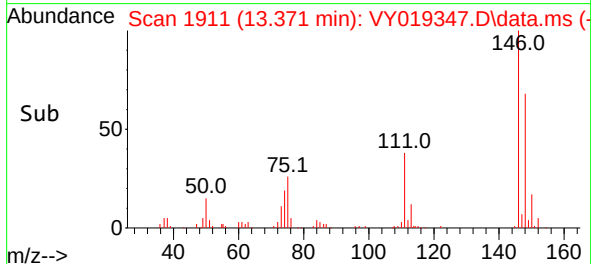
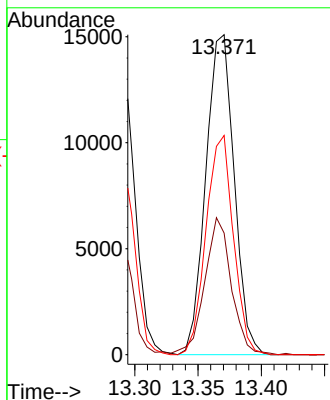
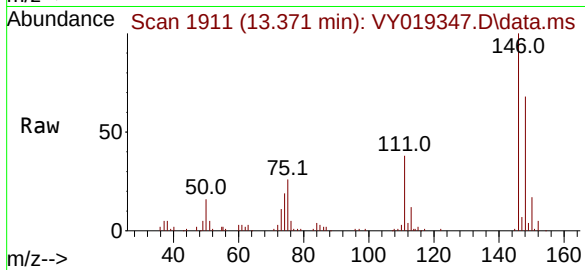
Tgt Ion:146 Resp: 23567

Ion Ratio Lower Upper

146 100

111 40.3 18.4 55.4

148 66.1 32.4 97.2



#89

n-Butylbenzene

Concen: 32.179 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

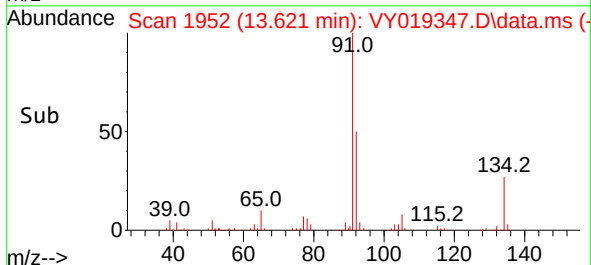
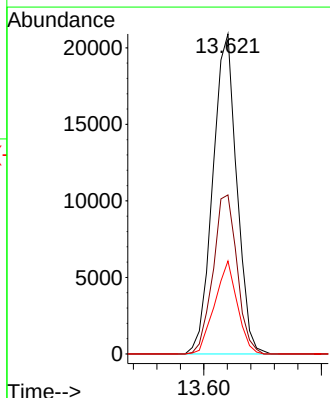
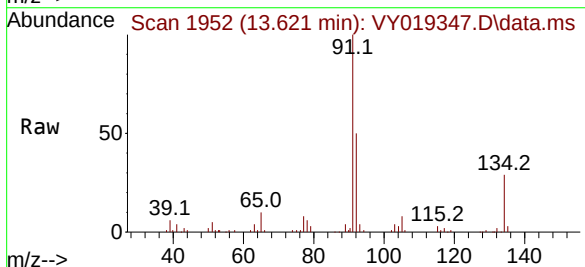
Tgt Ion: 91 Resp: 29570

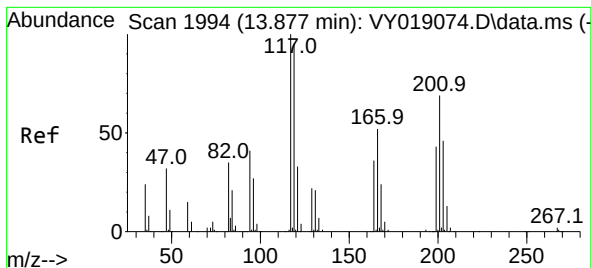
Ion Ratio Lower Upper

91 100

92 50.0 26.6 79.7

134 27.4 12.9 38.7





#90

Hexachloroethane

Concen: 40.380 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

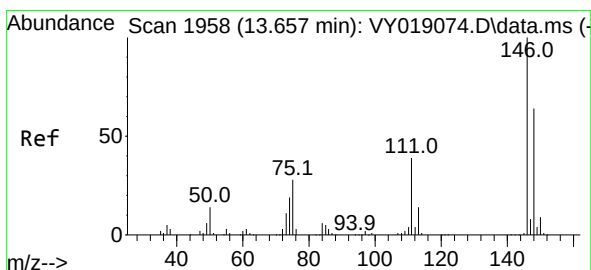
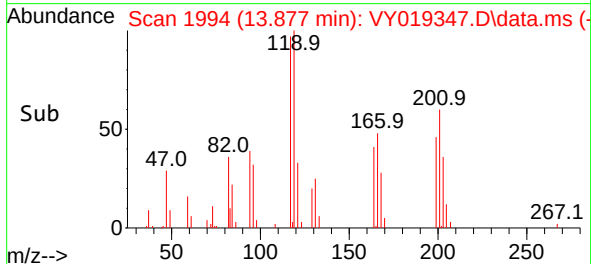
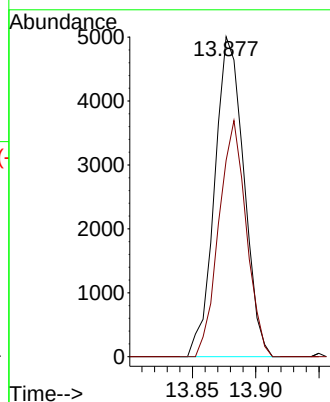
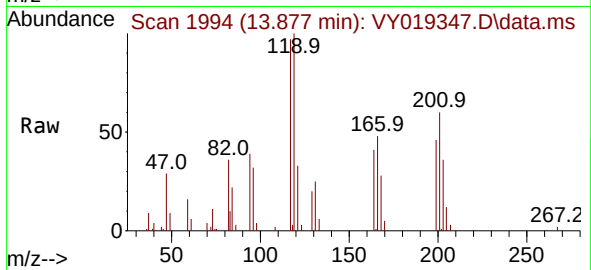
ClientSampleId :

Tgt Ion:117 Resp: 8022

Ion Ratio Lower Upper

117 100

201 69.3 37.4 112.2



#91

1,2-Dichlorobenzene

Concen: 44.397 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

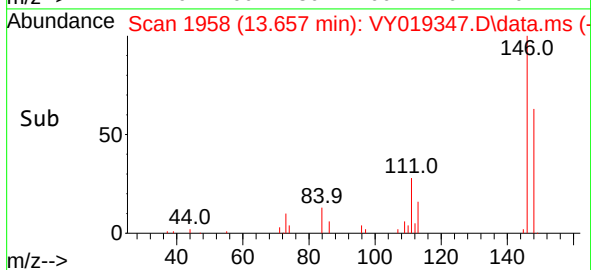
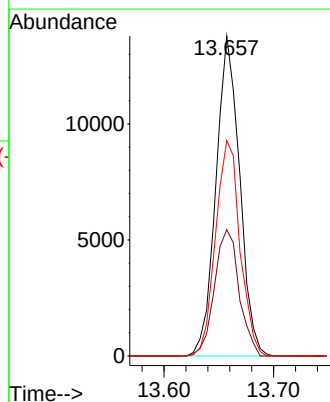
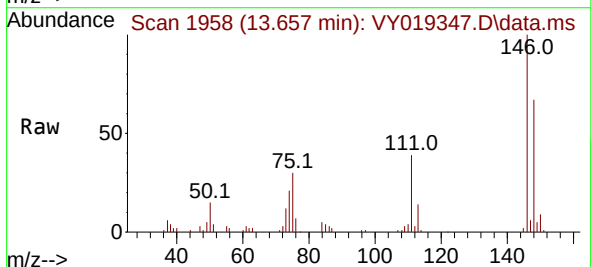
Tgt Ion:146 Resp: 20699

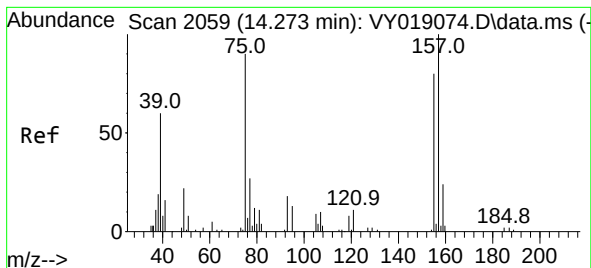
Ion Ratio Lower Upper

146 100

111 41.1 19.9 59.7

148 69.3 31.8 95.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 101.456 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

Instrument :

MSVOA_Y

ClientSampleId :

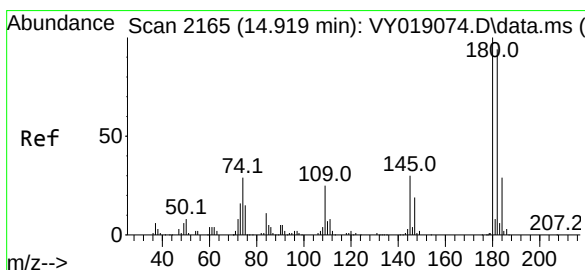
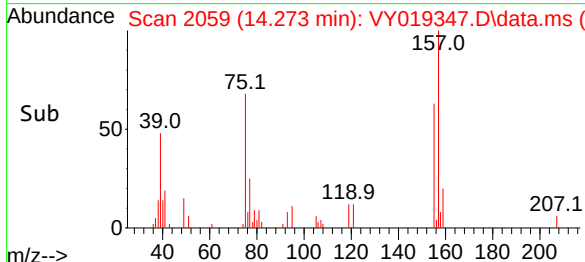
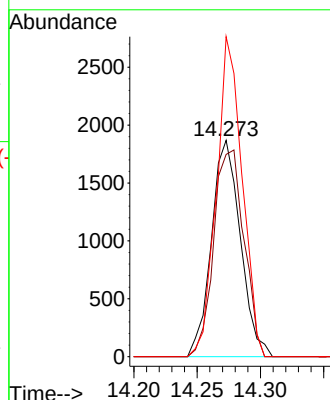
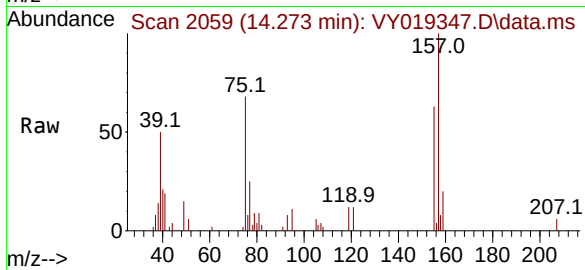
Tgt Ion: 75 Resp: 2974

Ion Ratio Lower Upper

75 100

155 99.8 48.6 145.8

157 131.4 62.7 188.2



#93

1,2,4-Trichlorobenzene

Concen: 22.740 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019347.D

Acq: 28 Aug 2024 22:16

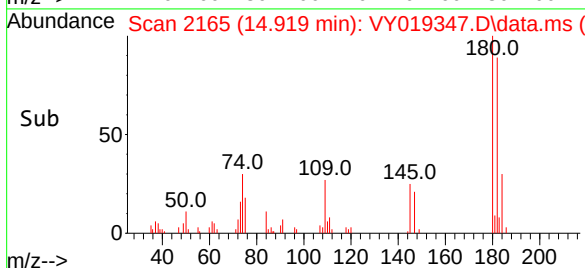
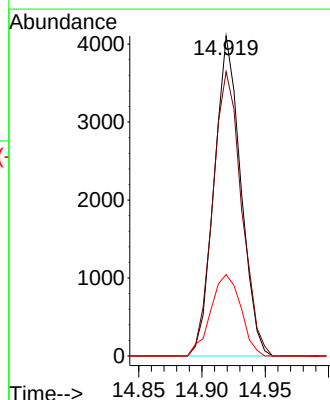
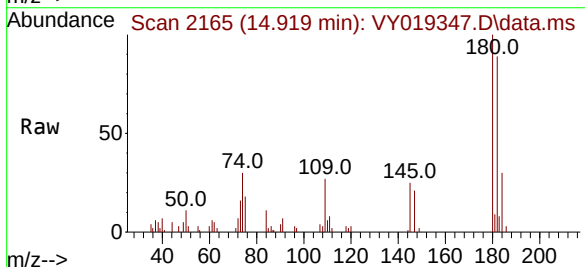
Tgt Ion:180 Resp: 5979

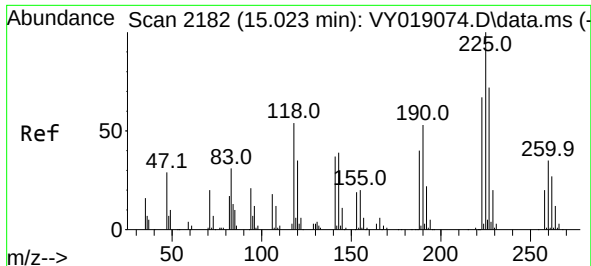
Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 28.9 14.2 42.6

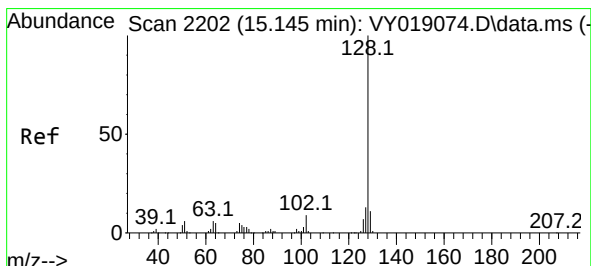
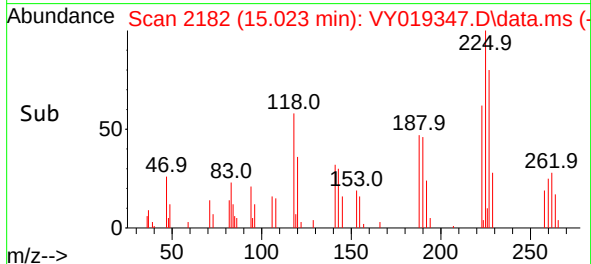
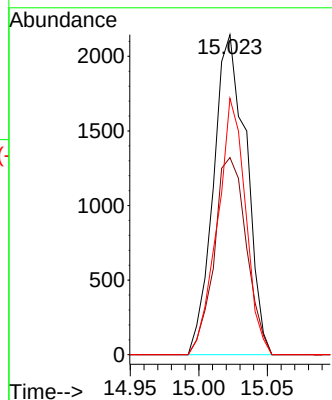
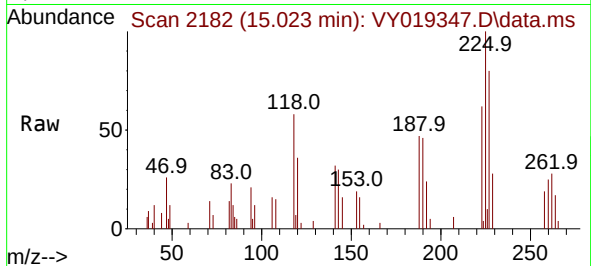




#94
Hexachlorobutadiene
Concen: 26.068 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

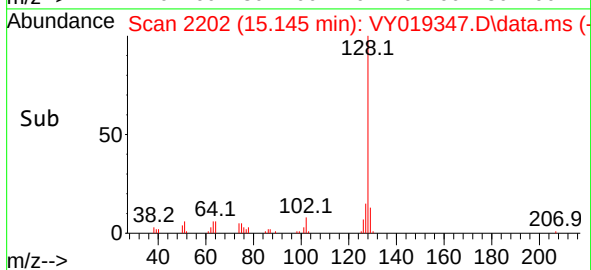
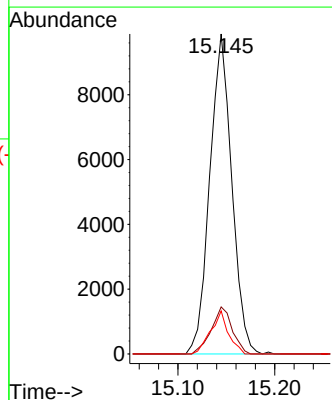
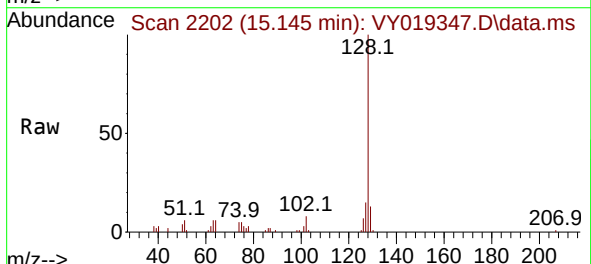
Instrument :
MSVOA_Y
ClientSampleId :

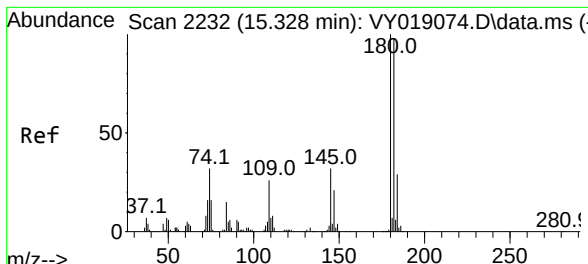
Tgt Ion:225 Resp: 3570
Ion Ratio Lower Upper
225 100
223 60.7 30.4 91.2
227 68.8 31.9 95.9



#95
Naphthalene
Concen: 33.275 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY019347.D
Acq: 28 Aug 2024 22:16

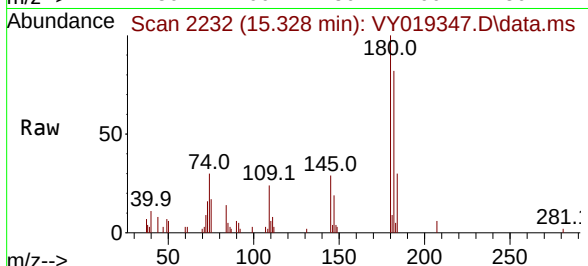
Tgt Ion:128 Resp: 15614
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 10.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 21.303 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019347.D
 Acq: 28 Aug 2024 22:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	4724
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.6	142.9
145	32.5	15.4	46.1

