

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019320.D
 Acq On : 28 Aug 2024 07:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 08:04:56 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	114894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	192060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	139481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	87088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	64379	55.898	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.800%
35) Dibromofluoromethane	7.628	113	64578	51.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.840%
50) Toluene-d8	10.103	98	227505	50.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.408	95	60255	39.112	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.220%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	37756	44.790	ug/l	97
3) Chloromethane	2.068	50	69652	45.841	ug/l	99
4) Vinyl Chloride	2.202	62	79914	42.580	ug/l	96
5) Bromomethane	2.592	94	57897	50.594	ug/l	98
6) Chloroethane	2.732	64	48973	40.235	ug/l	99
7) Trichlorofluoromethane	3.043	101	94954	33.464	ug/l	99
8) Diethyl Ether	3.446	74	29340	47.904	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.805	101	55476	43.978	ug/l	96
10) Methyl Iodide	3.994	142	69323	56.066	ug/l	94
11) Tert butyl alcohol	4.836	59	24145	245.239	ug/l #	97
12) 1,1-Dichloroethene	3.781	96	53753	46.902	ug/l	88
13) Acrolein	3.635	56	9838	102.075	ug/l	99
14) Allyl chloride	4.372	41	77056	50.570	ug/l	90
15) Acrylonitrile	5.037	53	67787	270.491	ug/l	98
16) Acetone	3.854	43	50390	235.919	ug/l #	86
17) Carbon Disulfide	4.098	76	145140	44.900	ug/l #	95
18) Methyl Acetate	4.372	43	39606	60.418	ug/l	94
19) Methyl tert-butyl Ether	5.104	73	149898	53.949	ug/l	96
20) Methylene Chloride	4.604	84	84543	67.266	ug/l	92
21) trans-1,2-Dichloroethene	5.104	96	63785	49.816	ug/l	94
22) Diisopropyl ether	6.006	45	200469	57.470	ug/l #	93
23) Vinyl Acetate	5.945	43	694618	251.520	ug/l	95
24) 1,1-Dichloroethane	5.903	63	111290	52.170	ug/l	99
25) 2-Butanone	6.884	43	88515	257.325	ug/l #	84
26) 2,2-Dichloropropane	6.878	77	70691	40.922	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	78179	51.883	ug/l	99
28) Bromochloromethane	7.238	49	51525	57.580	ug/l	94
29) Tetrahydrofuran	7.250	42	61388	277.623	ug/l	88
30) Chloroform	7.415	83	129013	54.275	ug/l	99
31) Cyclohexane	7.695	56	85557	52.114	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	113342	54.257	ug/l	98
36) 1,1-Dichloropropene	7.829	75	83642	48.504	ug/l	99
37) Ethyl Acetate	6.976	43	40552	53.078	ug/l	97
38) Carbon Tetrachloride	7.811	117	98953	49.515	ug/l	95
39) Methylcyclohexane	9.103	83	101589	45.907	ug/l	96
40) Benzene	8.073	78	276197	52.223	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	20279	48.630	ug/l	94
42) 1,2-Dichloroethane	8.152	62	77656	54.374	ug/l	96
43) Isopropyl Acetate	8.189	43	80483	52.088	ug/l #	79
44) Trichloroethene	8.859	130	73840	50.037	ug/l	96
45) 1,2-Dichloropropane	9.140	63	60136	51.034	ug/l	99
46) Dibromomethane	9.231	93	38250	50.048	ug/l	100
47) Bromodichloromethane	9.420	83	98627	52.599	ug/l	98
48) Methyl methacrylate	9.219	41	36483	52.981	ug/l	87
49) 1,4-Dioxane	9.219	88	9050	977.519	ug/l #	99
51) 4-Methyl-2-Pentanone	9.999	43	206378	251.652	ug/l	94
52) Toluene	10.170	92	154738	44.572	ug/l	95
53) t-1,3-Dichloropropene	10.396	75	57211	36.782	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	85925	45.934	ug/l #	88
55) 1,1,2-Trichloroethane	10.572	97	40906	41.576	ug/l	93
56) Ethyl methacrylate	10.438	69	53001	41.156	ug/l #	90
57) 1,3-Dichloropropane	10.719	76	83339	51.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	136466	223.373	ug/l	96
59) 2-Hexanone	10.761	43	135624	240.716	ug/l	92
60) Dibromochloromethane	10.914	129	63383	47.299	ug/l	97
61) 1,2-Dibromoethane	11.018	107	44629	46.931	ug/l	99
64) Tetrachloroethene	10.646	164	82200	67.423	ug/l	98
65) Chlorobenzene	11.444	112	161926	50.417	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	57442	50.858	ug/l	98
67) Ethyl Benzene	11.517	91	274772	49.291	ug/l	98
68) m/p-Xylenes	11.627	106	222091	100.407	ug/l	98
69) o-Xylene	11.956	106	99246	48.452	ug/l	96
70) Styrene	11.969	104	169336	48.479	ug/l	98
71) Bromoform	12.133	173	30490	47.224	ug/l #	98
73) Isopropylbenzene	12.255	105	250483	37.526	ug/l	99
74) N-amyl acetate	12.072	43	52969	36.392	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	43909	36.950	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	54795	63.801	ug/l #	100
77) Bromobenzene	12.536	156	63386	39.541	ug/l	96
78) n-propylbenzene	12.597	91	319695	40.065	ug/l	97
79) 2-Chlorotoluene	12.682	91	233087	52.103	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	279893	51.473	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	10892	31.321	ug/l	94
82) 4-Chlorotoluene	12.779	91	242936	52.197	ug/l	99
83) tert-Butylbenzene	12.999	119	250070	49.799	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	280513	51.760	ug/l	100
85) sec-Butylbenzene	13.176	105	366285	50.054	ug/l	98
86) p-Isopropyltoluene	13.291	119	302654	50.352	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	158985	50.290	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	157067	49.981	ug/l	99
89) n-Butylbenzene	13.621	91	267215	48.761	ug/l	99
90) Hexachloroethane	13.883	117	60303	50.899	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	140661	50.590	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8736	49.973	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	74968	47.811	ug/l	99
94) Hexachlorobutadiene	15.029	225	41478	50.786	ug/l	98
95) Naphthalene	15.145	128	137774	49.233	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	65231	49.325	ug/l	99

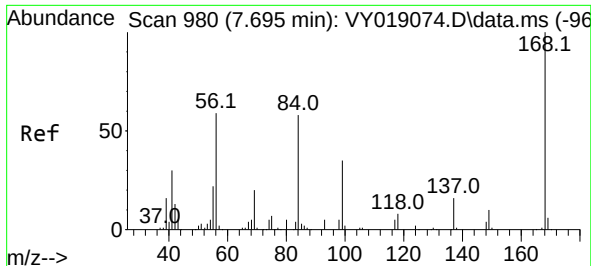
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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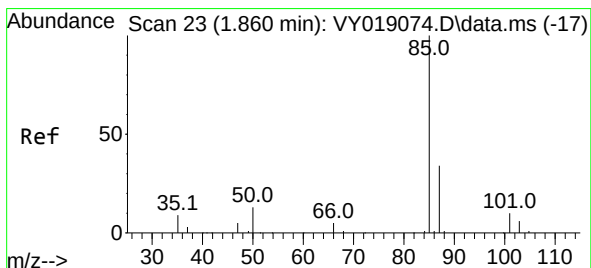
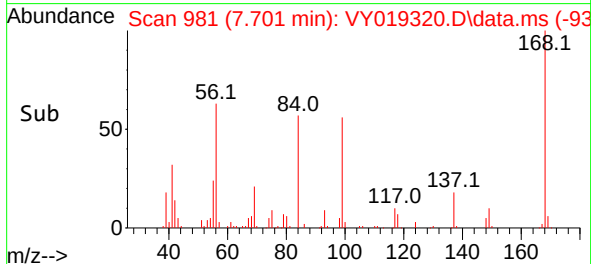
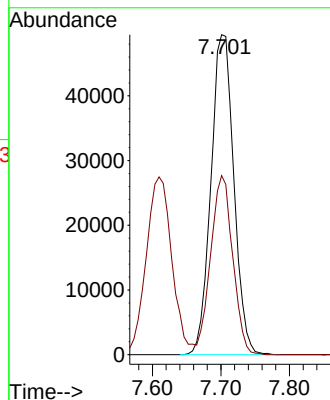
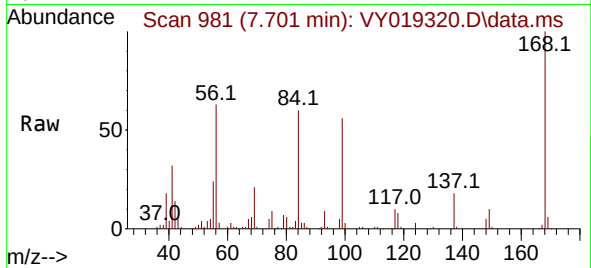
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

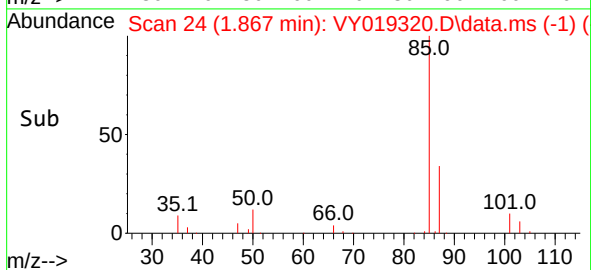
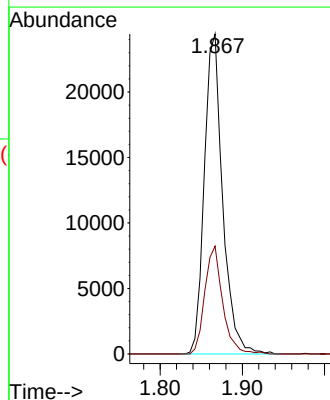
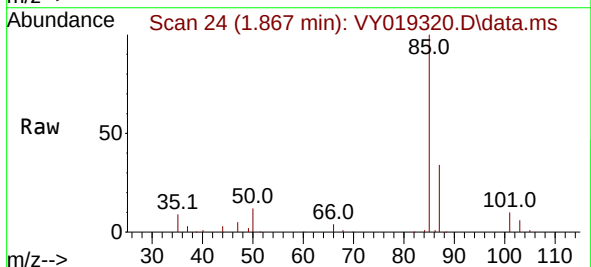
Instrument :
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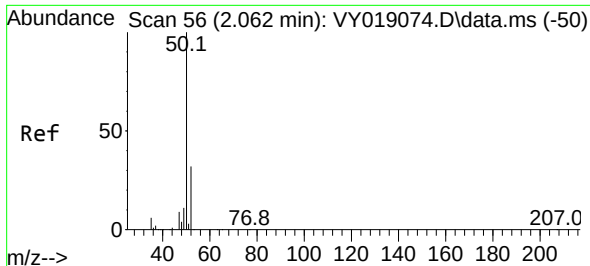
Tgt Ion:168 Resp: 114894
Ion Ratio Lower Upper
168 100
99 56.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 44.790 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion: 85 Resp: 37756
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0

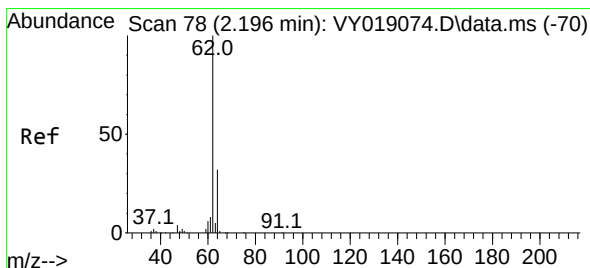
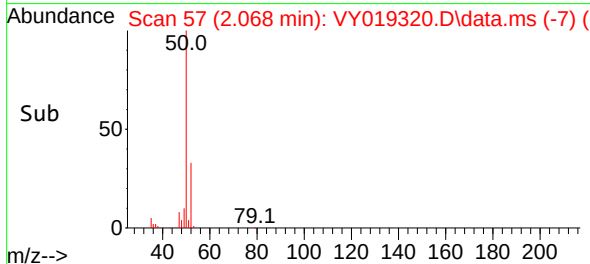
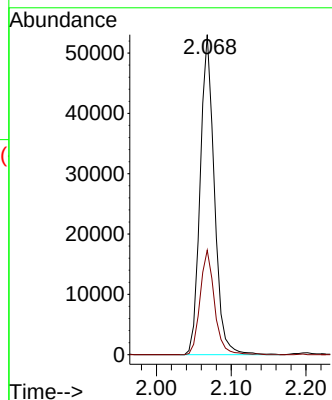
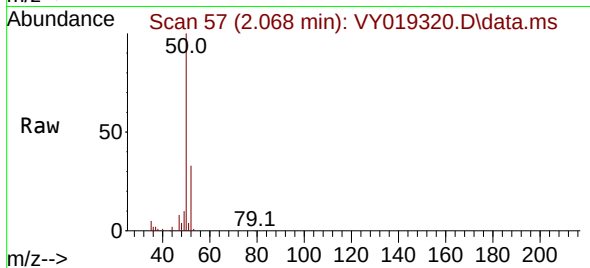




#3
Chloromethane
Concen: 45.841 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

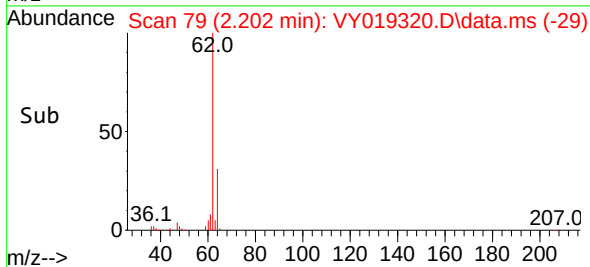
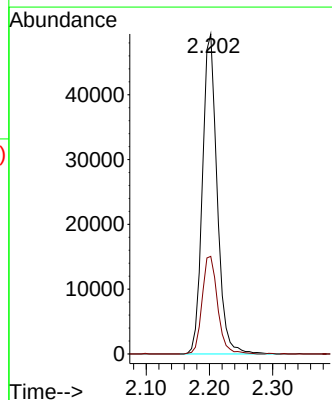
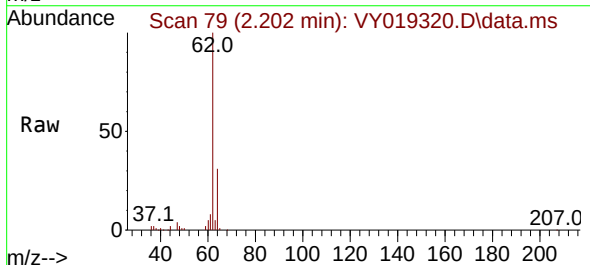
Instrument :
MSVOA_Y
ClientSampleId :

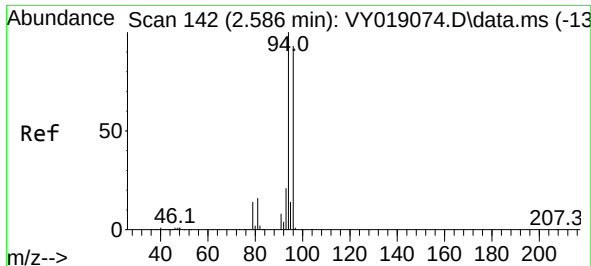
Tgt Ion: 50 Resp: 69652
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 42.580 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

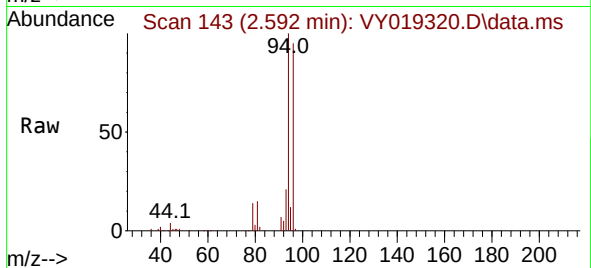
Tgt Ion: 62 Resp: 79914
Ion Ratio Lower Upper
62 100
64 30.5 26.1 39.1



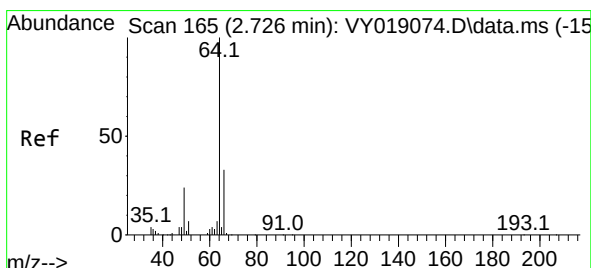
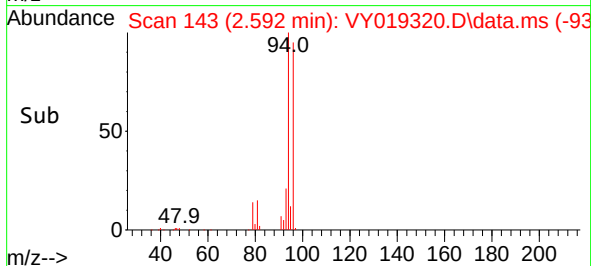
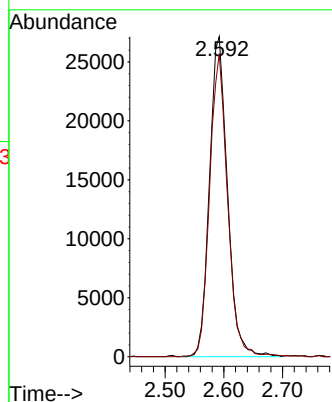


#5
Bromomethane
Concen: 50.594 ug/l
RT: 2.592 min Scan# 142
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Instrument :
MSVOA_Y
ClientSampleId :

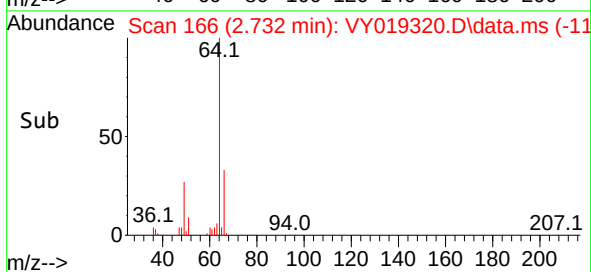
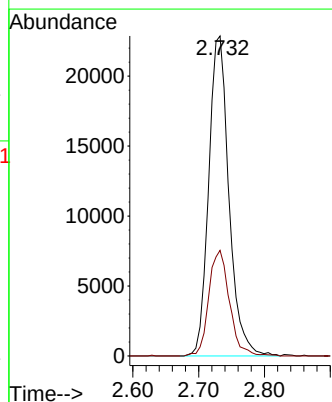
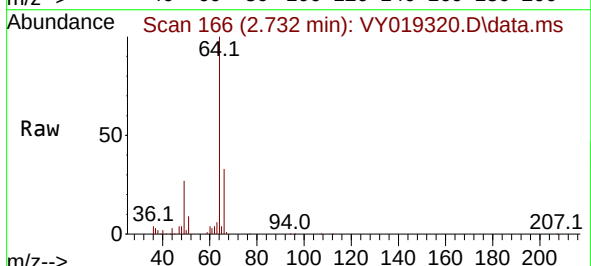


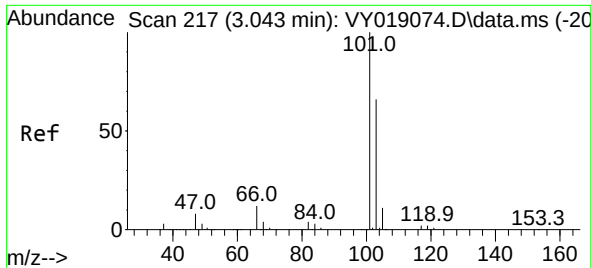
Tgt Ion: 94 Resp: 57897
Ion Ratio Lower Upper
94 100
96 94.7 74.1 111.1



#6
Chloroethane
Concen: 40.235 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion: 64 Resp: 48973
Ion Ratio Lower Upper
64 100
66 33.0 26.1 39.1

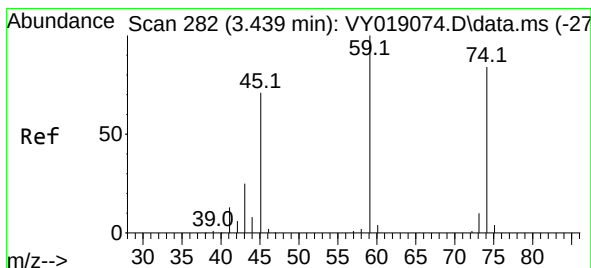
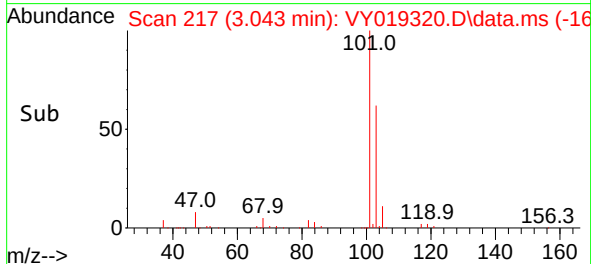
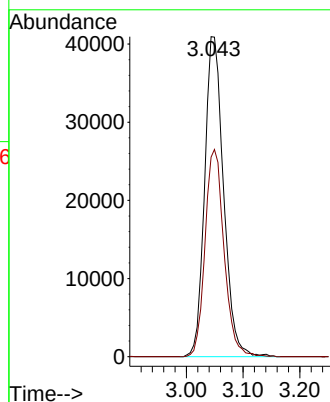
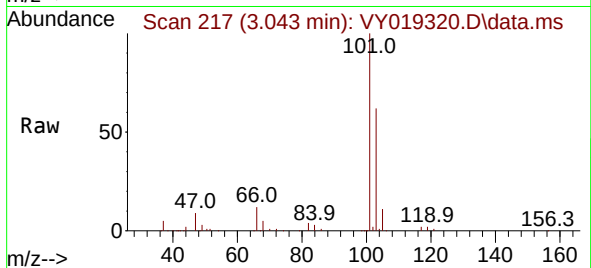




#7
 Trichlorofluoromethane
 Concen: 33.464 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019320.D
 Acq: 28 Aug 2024 07:24

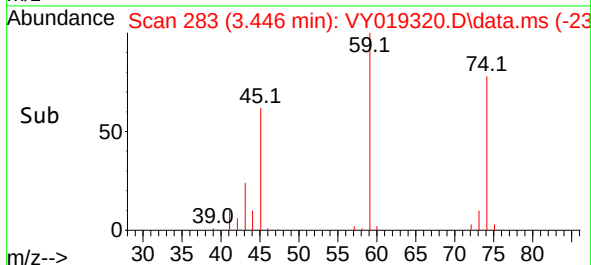
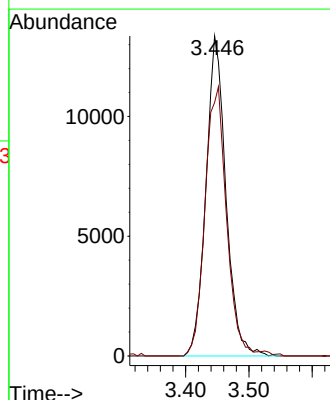
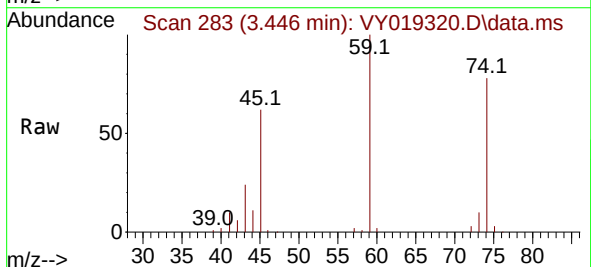
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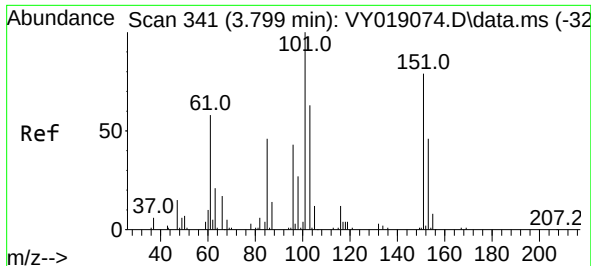
Tgt Ion:101 Resp: 94954
 Ion Ratio Lower Upper
 101 100
 103 62.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.904 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019320.D
 Acq: 28 Aug 2024 07:24

Tgt Ion: 74 Resp: 29340
 Ion Ratio Lower Upper
 74 100
 45 90.3 41.3 124.1

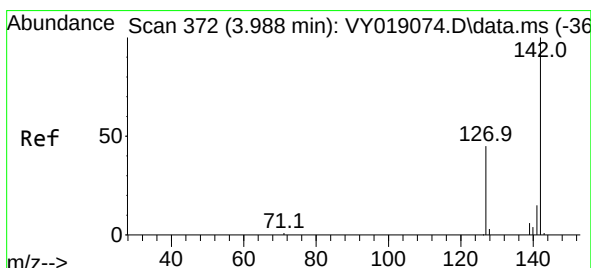
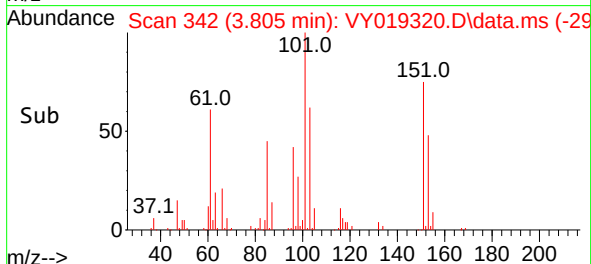
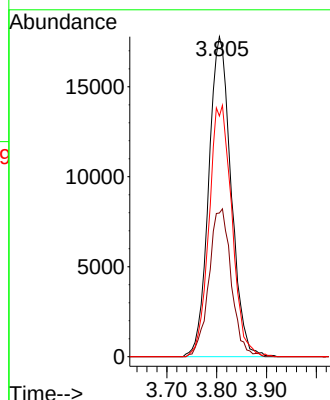
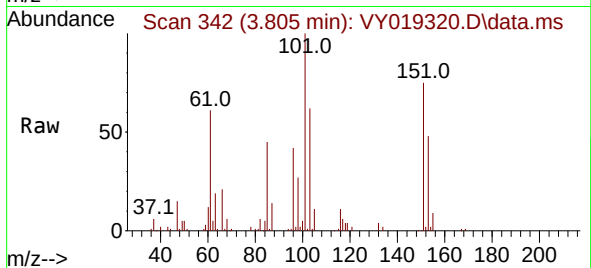




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.978 ug/l
RT: 3.805 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019320.D
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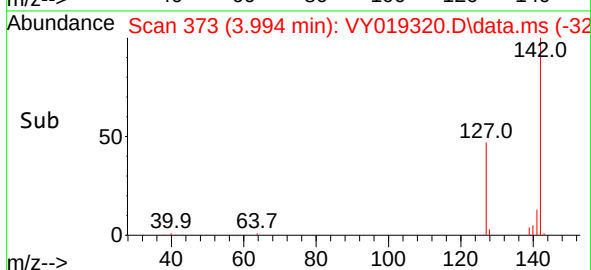
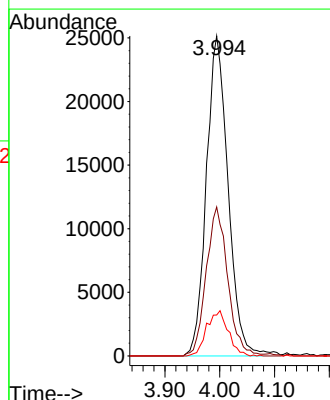
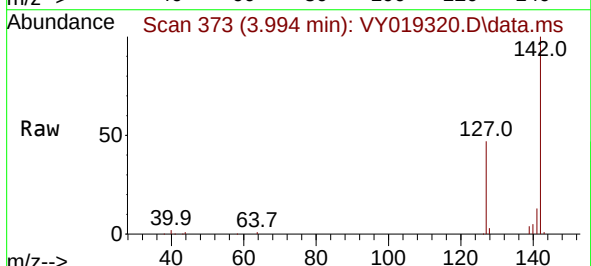
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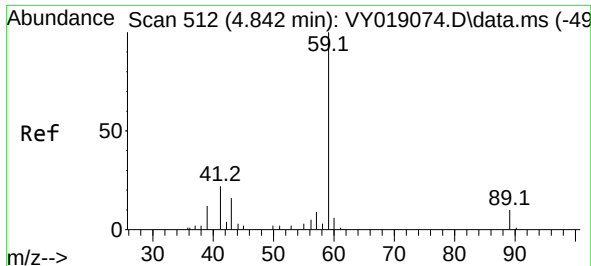
Tgt Ion:101 Resp: 55476
Ion Ratio Lower Upper
101 100
85 46.0 34.5 51.7
151 80.1 61.7 92.5



#10
Methyl Iodide
Concen: 56.066 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion:142 Resp: 69323
Ion Ratio Lower Upper
142 100
127 46.0 32.8 49.2
141 14.0 11.4 17.2

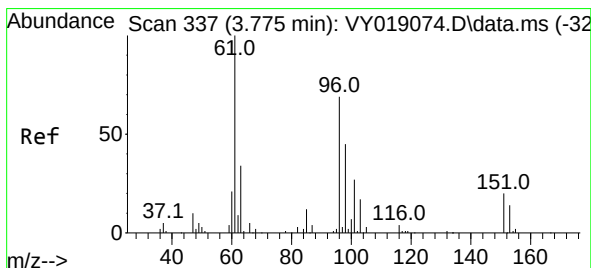
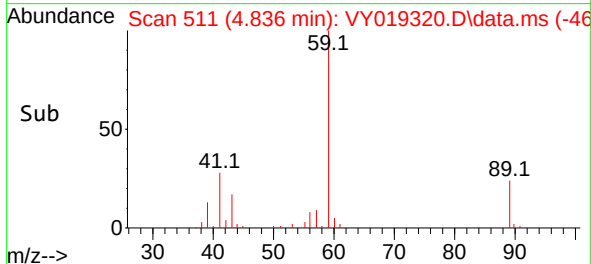
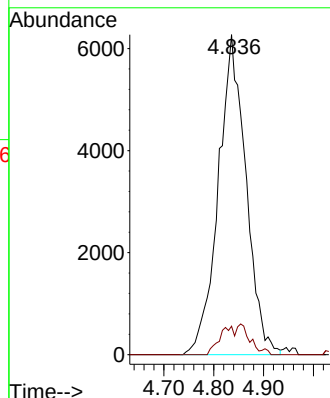
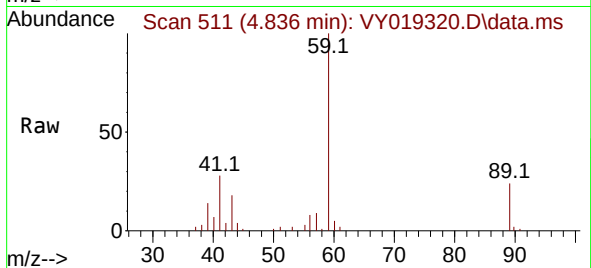




#11
Tert butyl alcohol
Concen: 245.239 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

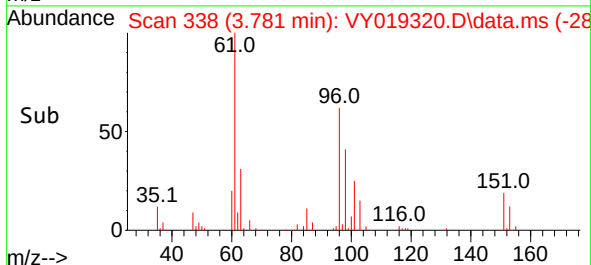
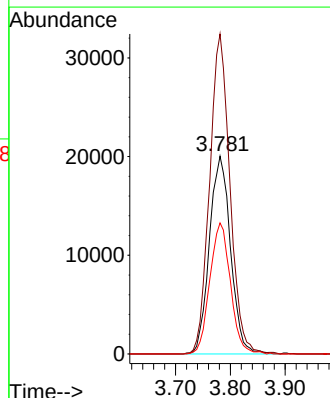
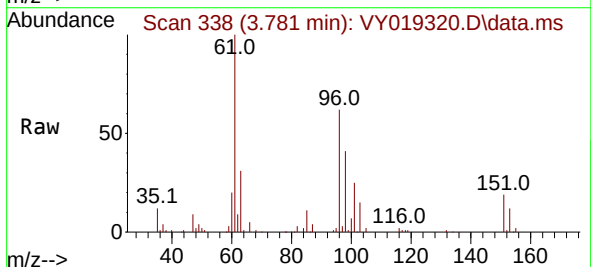
Instrument :
MSVOA_Y
ClientSampleId :

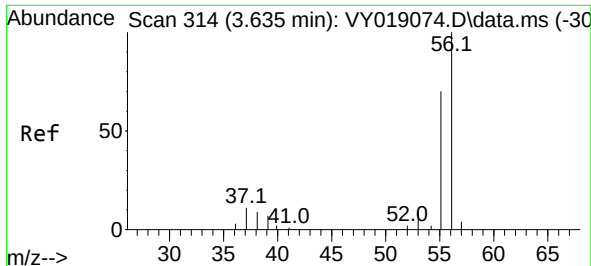
Tgt Ion: 59 Resp: 24145
Ion Ratio Lower Upper
59 100
57 4.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 46.902 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion: 96 Resp: 53753
Ion Ratio Lower Upper
96 100
61 161.8 114.6 171.8
98 66.3 50.8 76.2





#13

Acrolein

Concen: 102.075 ug/l

RT: 3.635 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

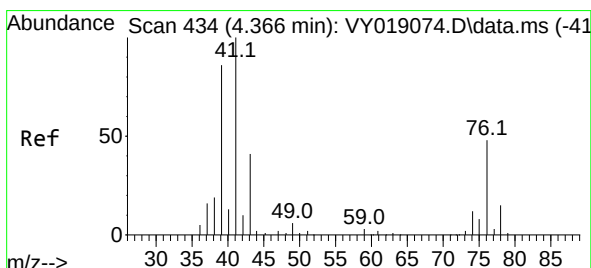
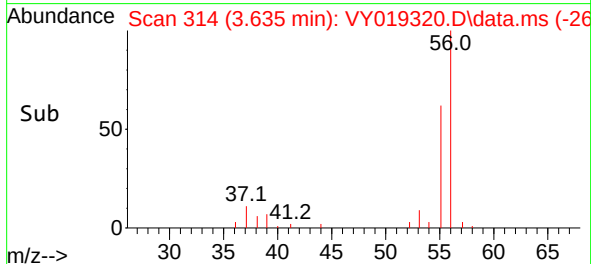
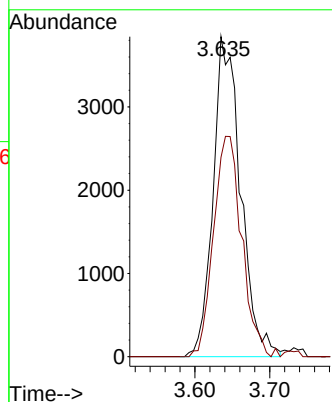
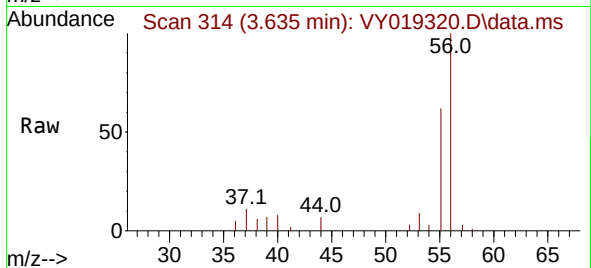
ClientSampleId :

Tgt Ion: 56 Resp: 9838

Ion Ratio Lower Upper

56 100

55 70.3 55.7 83.5



#14

Allyl chloride

Concen: 50.570 ug/l

RT: 4.372 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

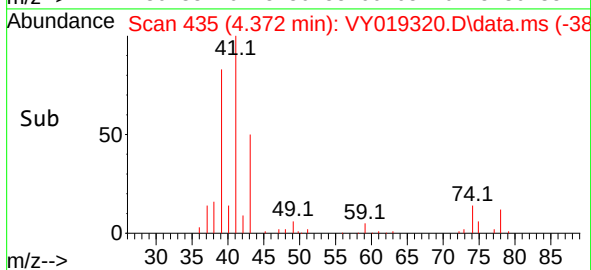
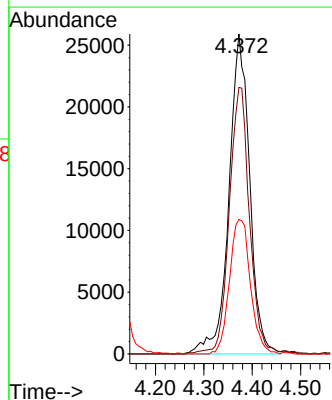
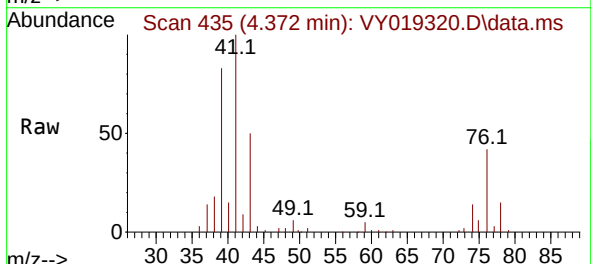
Tgt Ion: 41 Resp: 77056

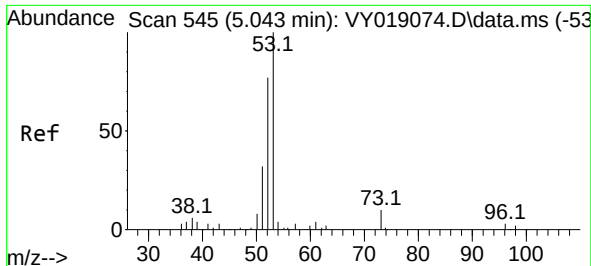
Ion Ratio Lower Upper

41 100

39 81.1 58.3 87.5

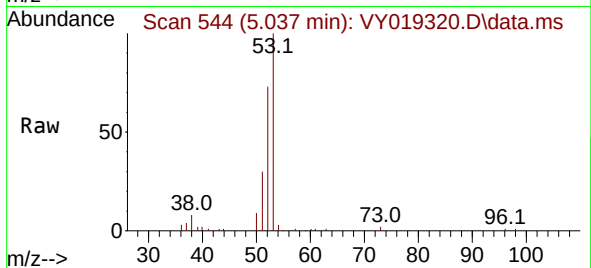
76 42.4 39.0 58.6



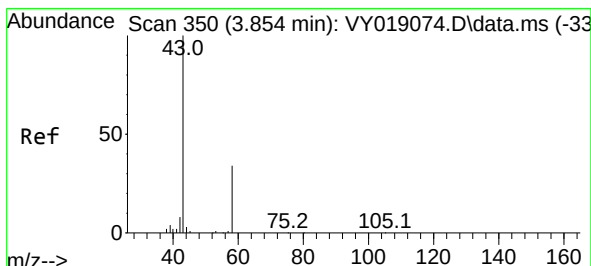
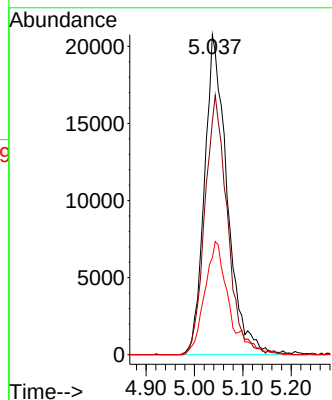
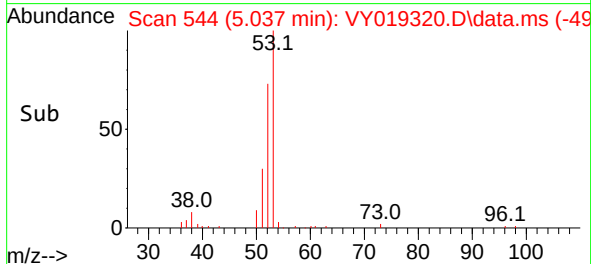


#15
Acrylonitrile
Concen: 270.491 ug/l
RT: 5.037 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Instrument :
MSVOA_Y
ClientSampleId :

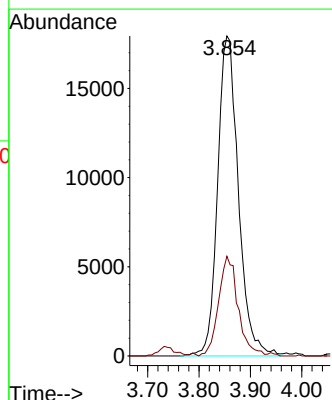
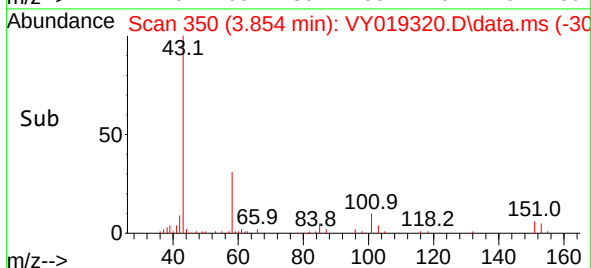
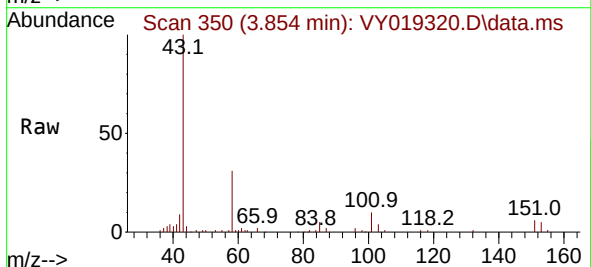


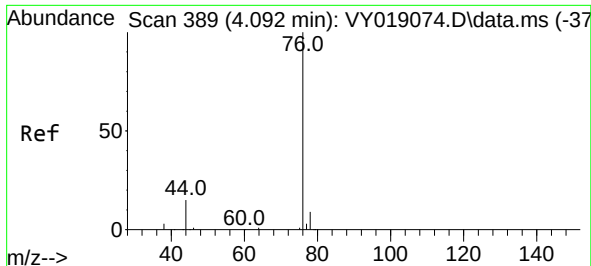
Tgt Ion: 53 Resp: 67787
Ion Ratio Lower Upper
53 100
52 80.0 64.7 97.1
51 37.7 28.4 42.6



#16
Acetone
Concen: 235.919 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion: 43 Resp: 50390
Ion Ratio Lower Upper
43 100
58 31.2 31.7 47.5#

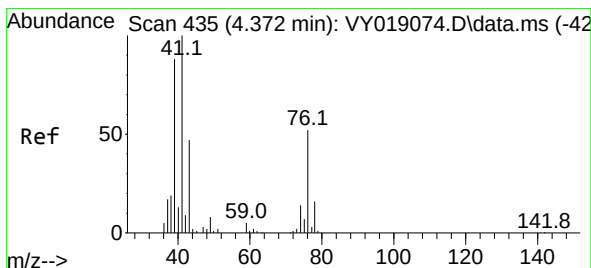
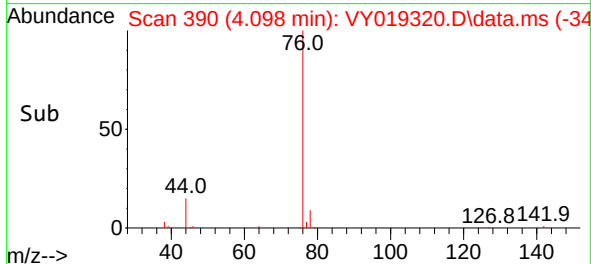
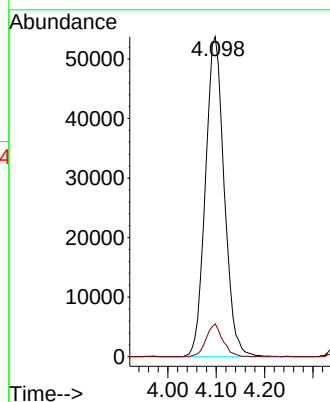
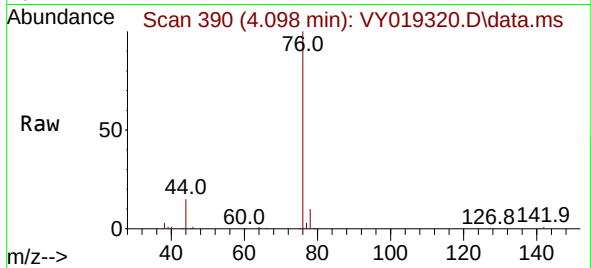




#17
Carbon Disulfide
Concen: 44.900 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

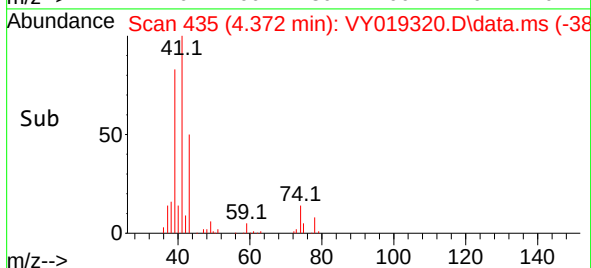
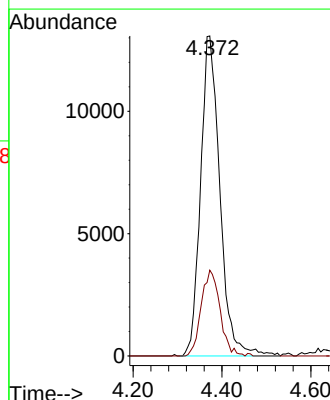
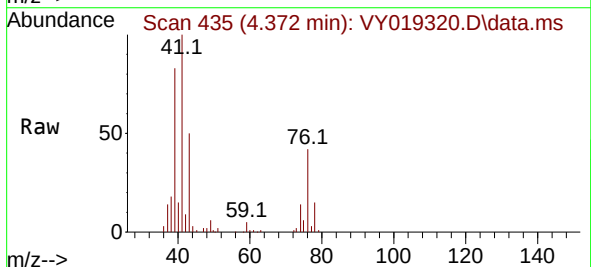
Instrument :
MSVOA_Y
ClientSampleId :

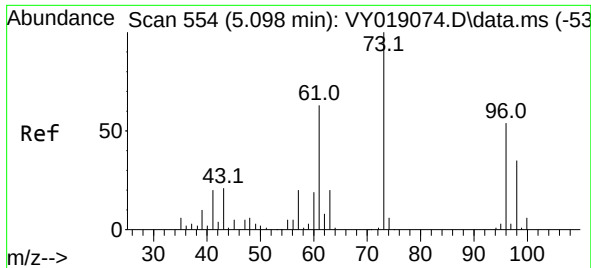
Tgt Ion: 76 Resp: 145140
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2#



#18
Methyl Acetate
Concen: 60.418 ug/l
RT: 4.372 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion: 43 Resp: 39606
Ion Ratio Lower Upper
43 100
74 26.0 23.3 34.9

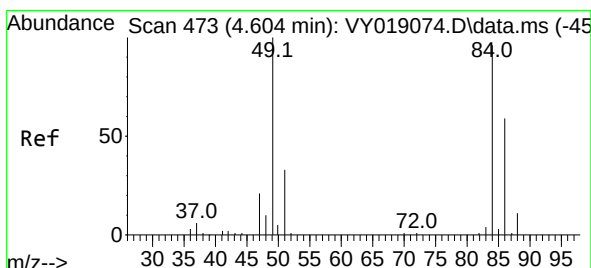
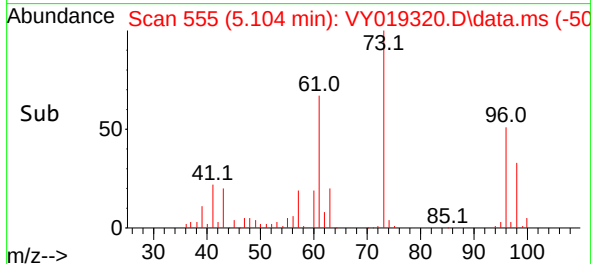
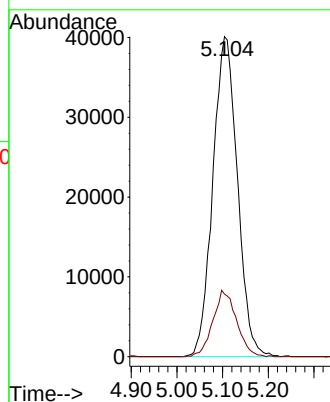
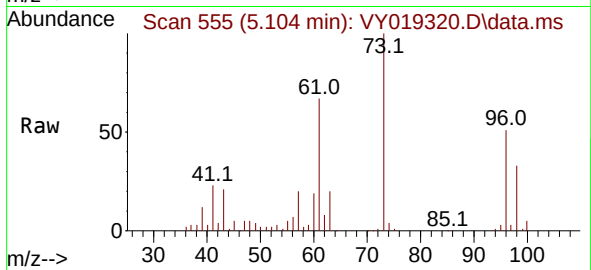




#19
Methyl tert-butyl Ether
Concen: 53.949 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

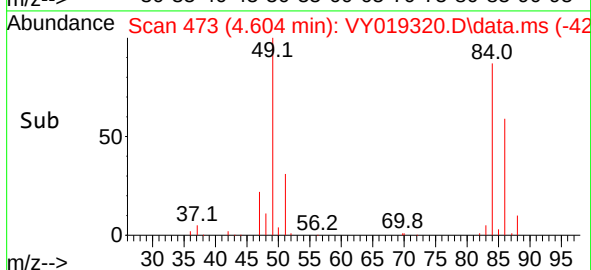
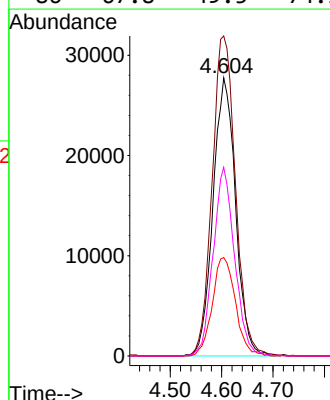
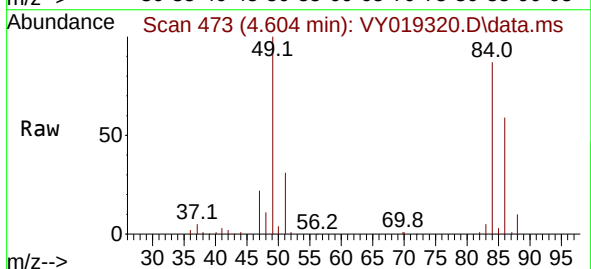
Instrument :
MSVOA_Y
ClientSampleId :

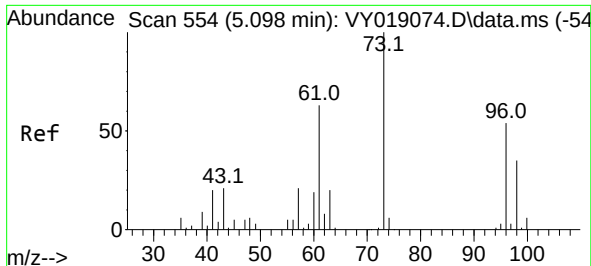
Tgt Ion: 73 Resp: 149898
Ion Ratio Lower Upper
73 100
57 19.5 17.3 25.9



#20
Methylene Chloride
Concen: 67.266 ug/l
RT: 4.604 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

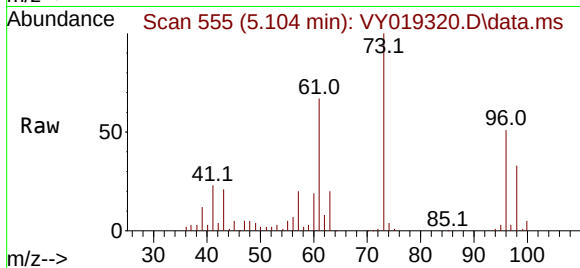
Tgt Ion: 84 Resp: 84543
Ion Ratio Lower Upper
84 100
49 115.0 84.4 126.6
51 35.4 26.0 39.0
86 67.8 49.5 74.3



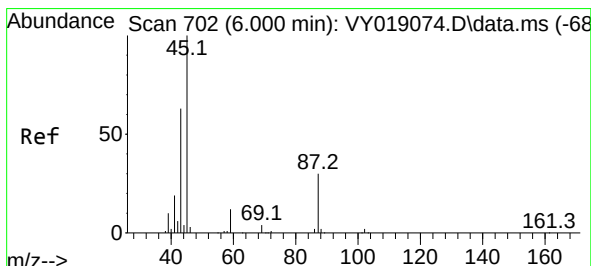
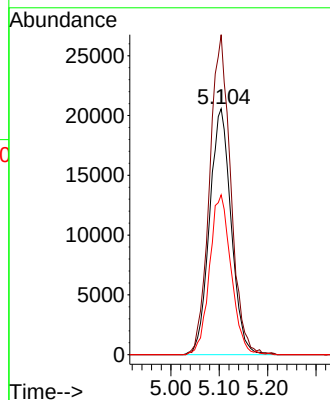
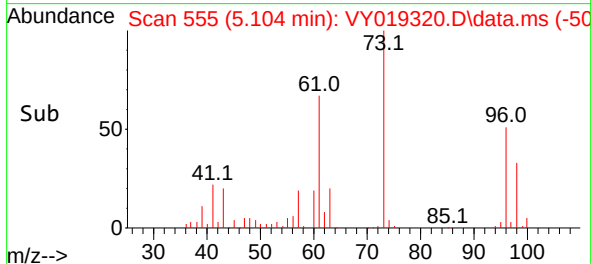


#21
trans-1,2-Dichloroethene
Concen: 49.816 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Instrument :
MSVOA_Y
ClientSampleId :

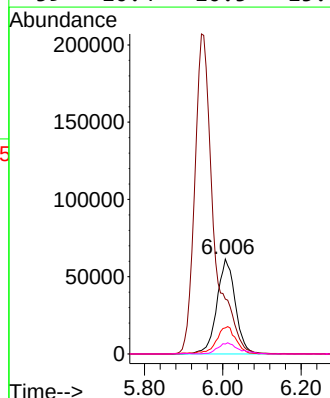
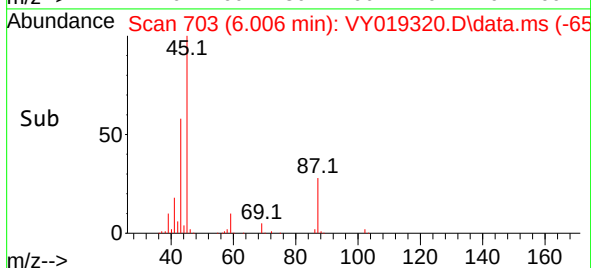
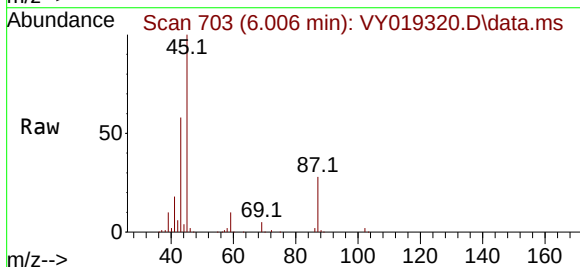


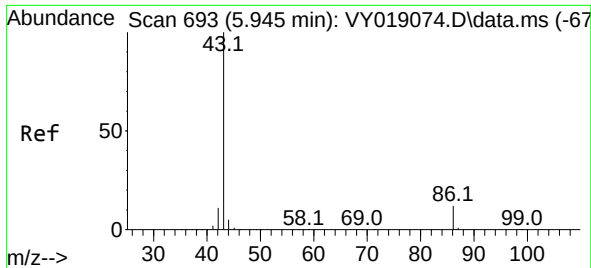
Tgt Ion: 96 Resp: 63785
Ion Ratio Lower Upper
96 100
61 130.2 97.5 146.3
98 65.0 50.5 75.7



#22
Diisopropyl ether
Concen: 57.470 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion: 45 Resp: 200469
Ion Ratio Lower Upper
45 100
43 57.6 42.2 63.2
87 27.5 25.0 37.6
59 10.4 10.5 15.7#

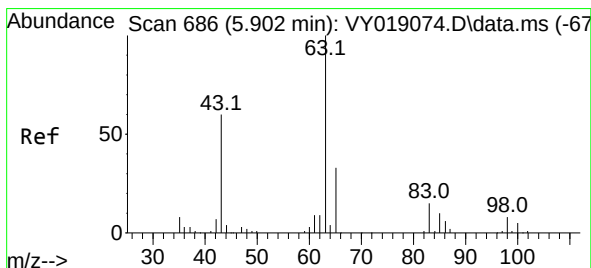
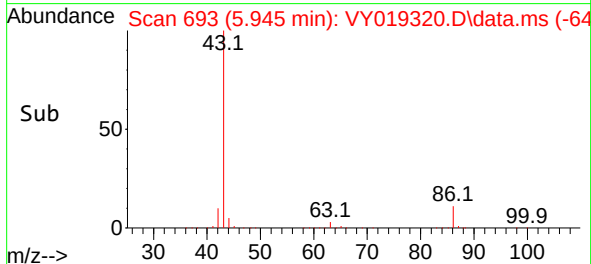
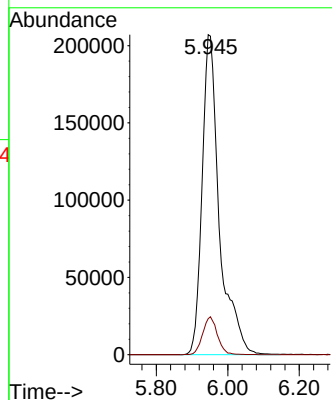
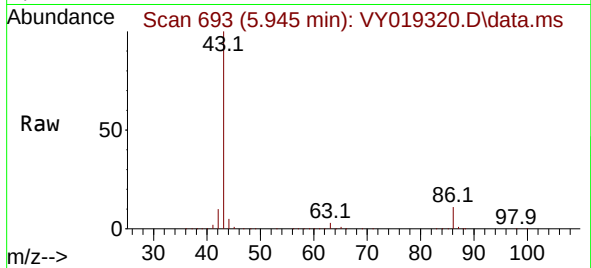




#23
 Vinyl Acetate
 Concen: 251.520 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019320.D
 Acq: 28 Aug 2024 07:24

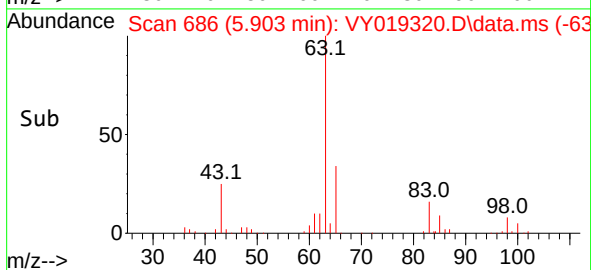
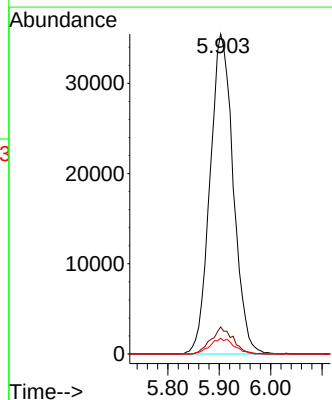
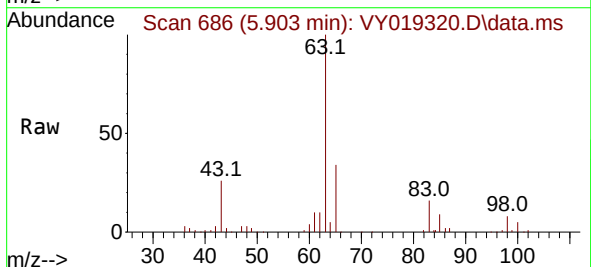
Instrument :
 MSVOA_Y
 ClientSampleId :

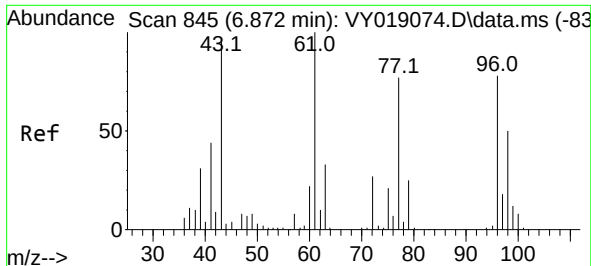
Tgt Ion: 43 Resp: 694618
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 52.170 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019320.D
 Acq: 28 Aug 2024 07:24

Tgt Ion: 63 Resp: 111290
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 257.325 ug/l

RT: 6.884 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

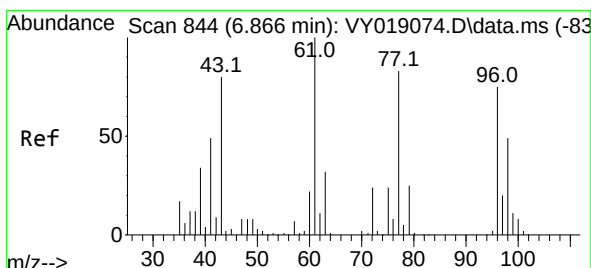
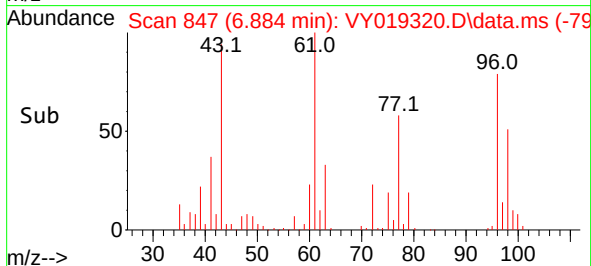
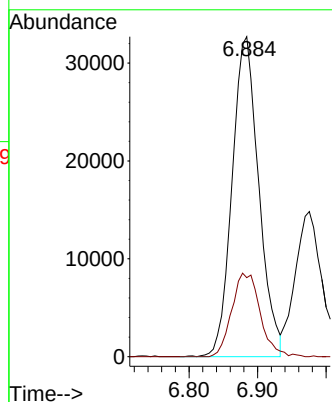
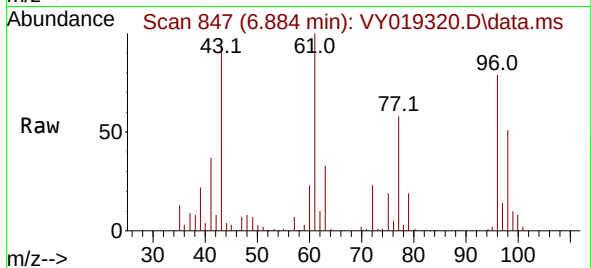
ClientSampleId :

Tgt Ion: 43 Resp: 88515

Ion Ratio Lower Upper

43 100

72 24.7 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 40.922 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY019320.D

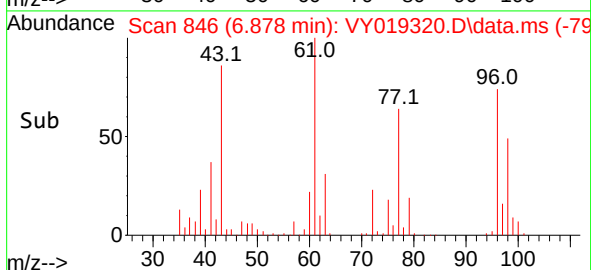
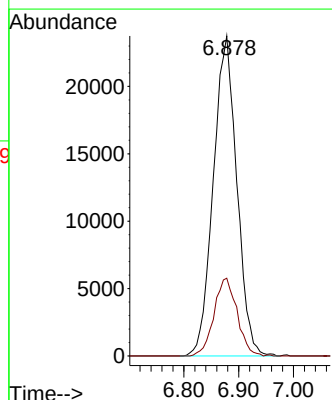
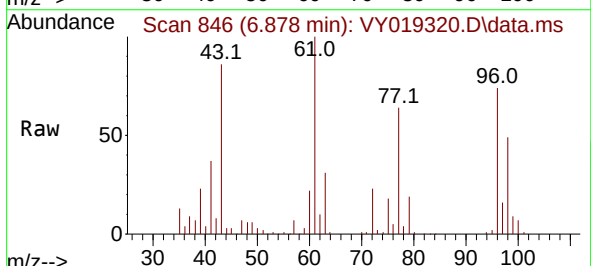
Acq: 28 Aug 2024 07:24

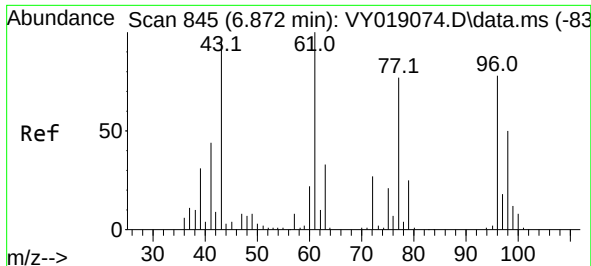
Tgt Ion: 77 Resp: 70691

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 51.883 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

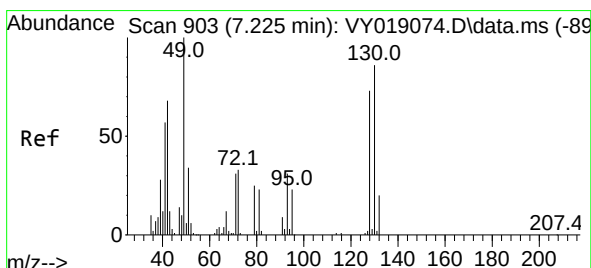
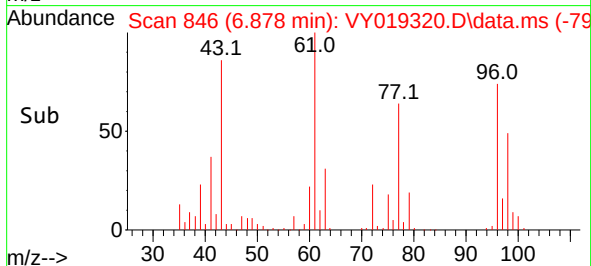
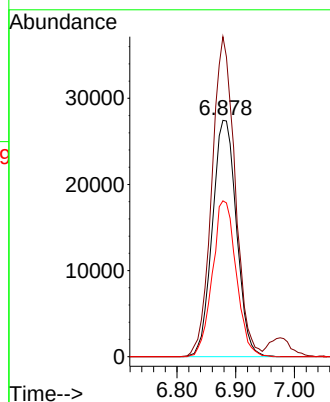
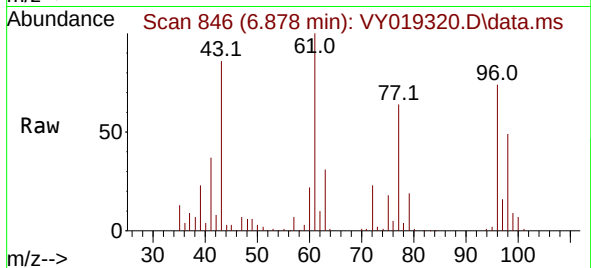
Tgt Ion: 96 Resp: 78179

Ion Ratio Lower Upper

96 100

61 130.6 0.0 256.2

98 65.1 0.0 130.0



#28

Bromochloromethane

Concen: 57.580 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

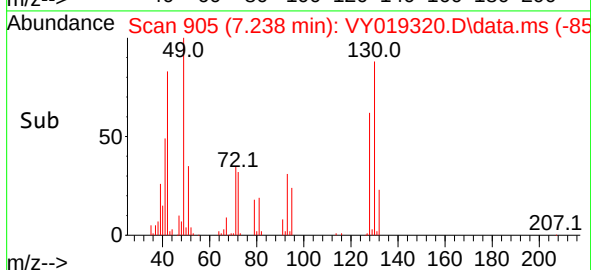
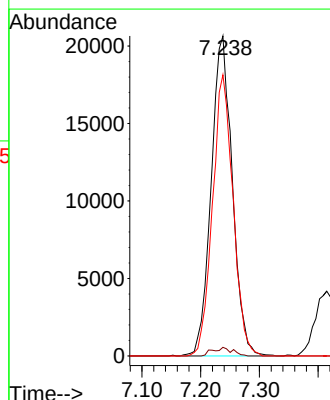
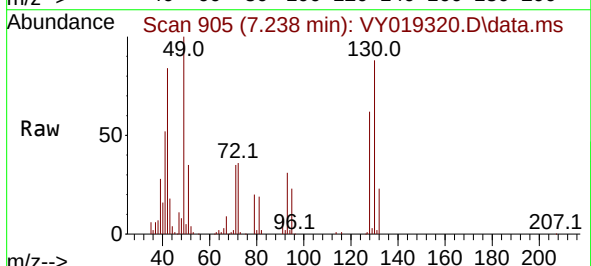
Tgt Ion: 49 Resp: 51525

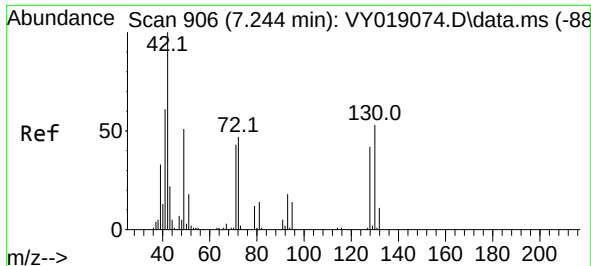
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 85.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 277.623 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

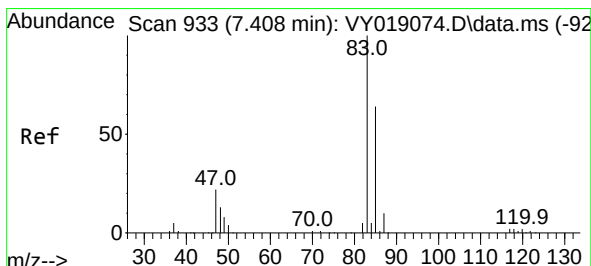
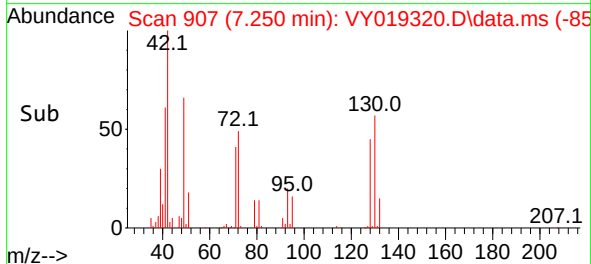
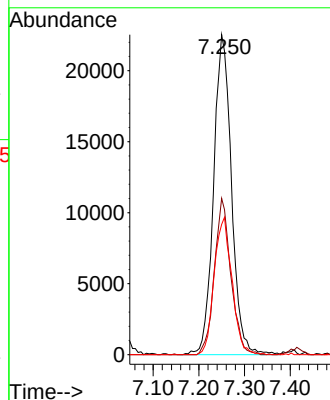
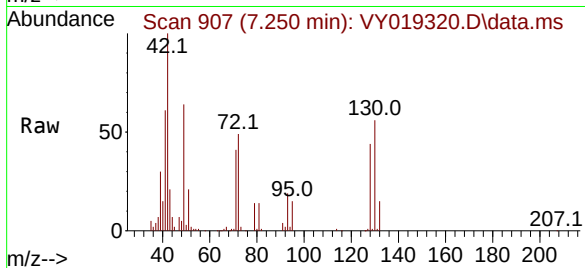
Tgt Ion: 42 Resp: 61388

Ion Ratio Lower Upper

42 100

72 45.1 43.0 64.4

71 42.5 40.8 61.2



#30

Chloroform

Concen: 54.275 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019320.D

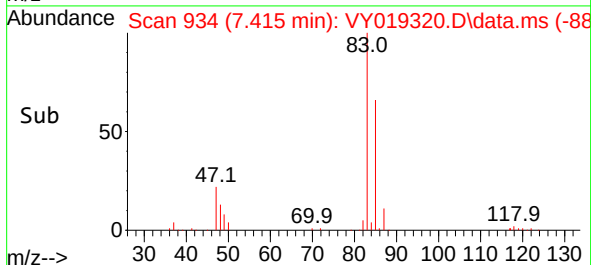
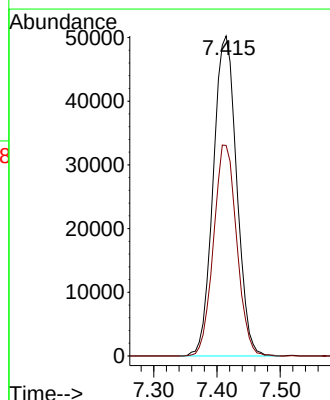
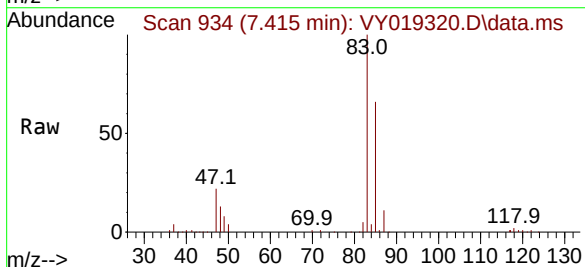
Acq: 28 Aug 2024 07:24

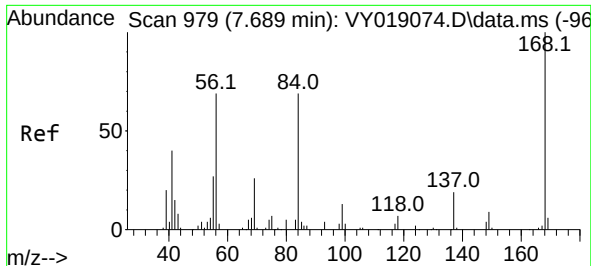
Tgt Ion: 83 Resp: 129013

Ion Ratio Lower Upper

83 100

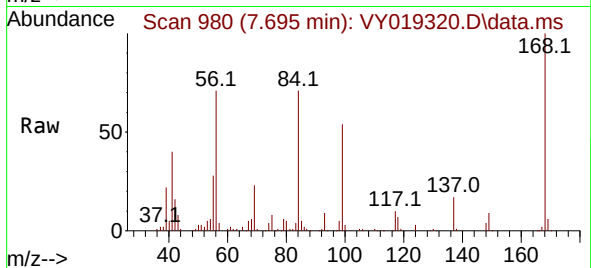
85 65.8 52.2 78.4



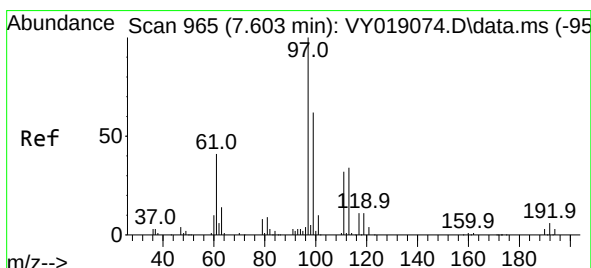
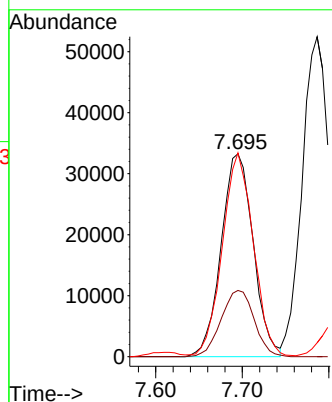
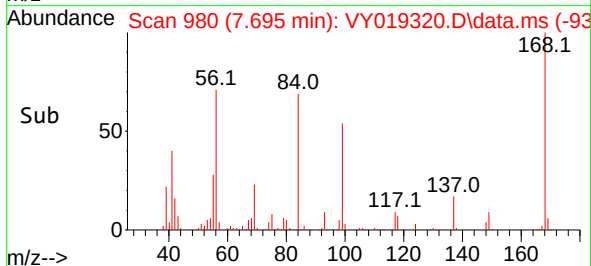


#31
Cyclohexane
Concen: 52.114 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Instrument :
MSVOA_Y
ClientSampleId :

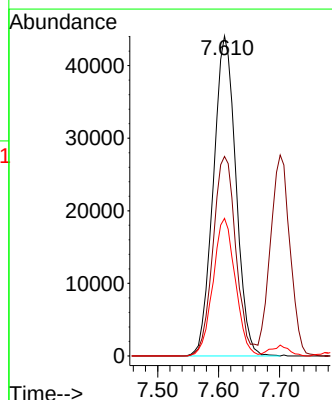
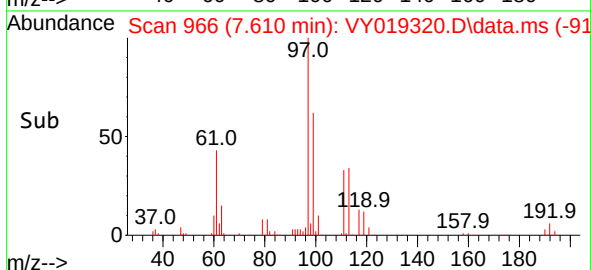
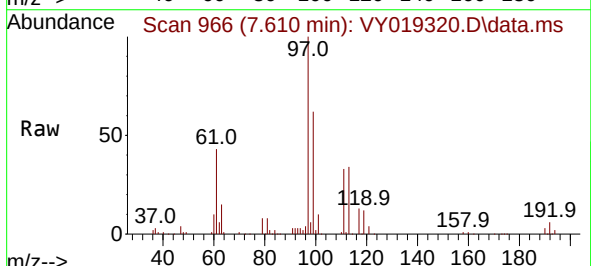


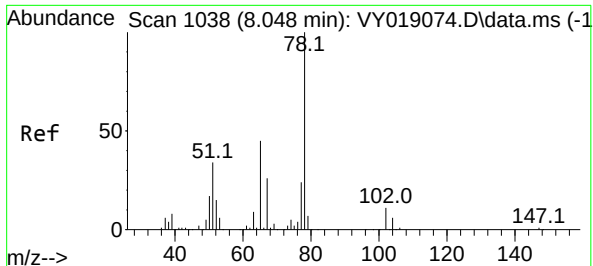
Tgt Ion: 56 Resp: 85557
Ion Ratio Lower Upper
56 100
69 32.7 28.7 43.1
84 99.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.257 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion: 97 Resp: 113342
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 42.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.898 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

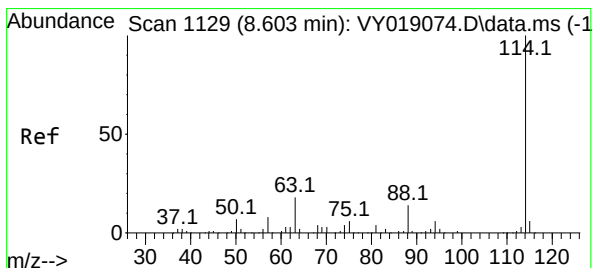
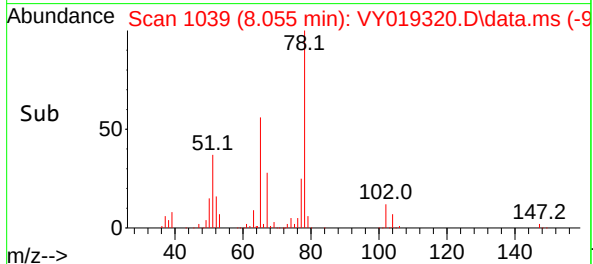
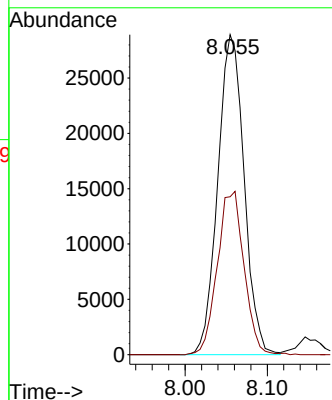
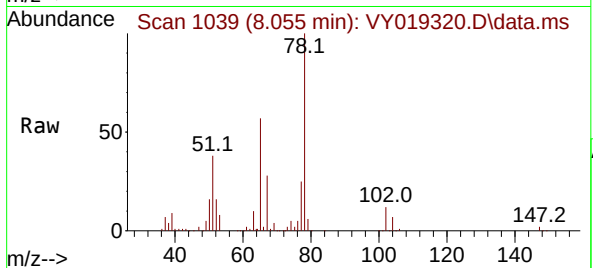
ClientSampleId :

Tgt Ion: 65 Resp: 64379

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

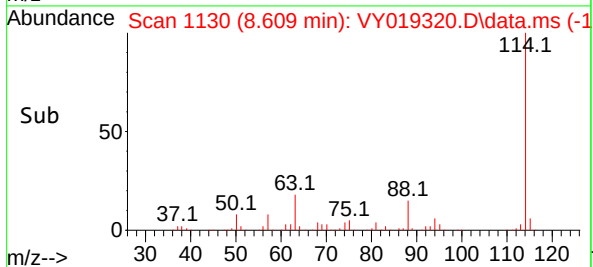
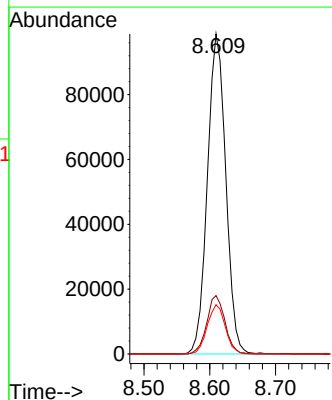
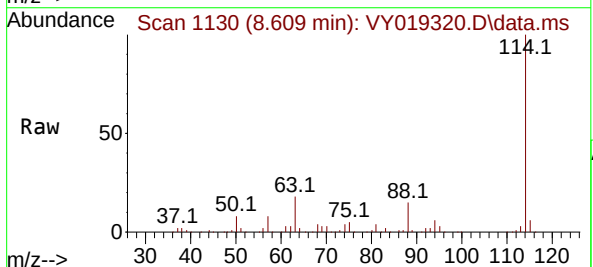
Tgt Ion: 114 Resp: 192060

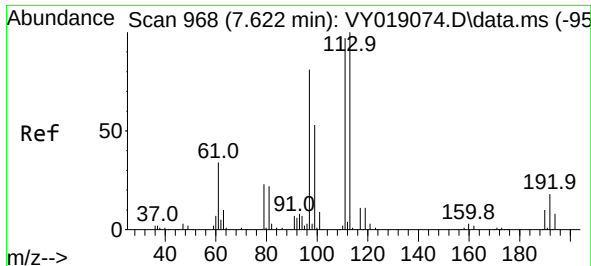
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 15.4 0.0 27.2

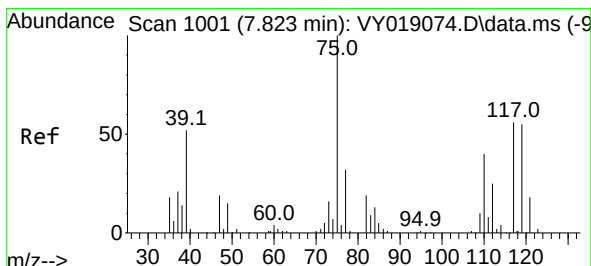
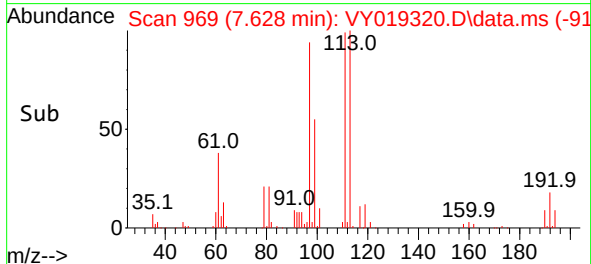
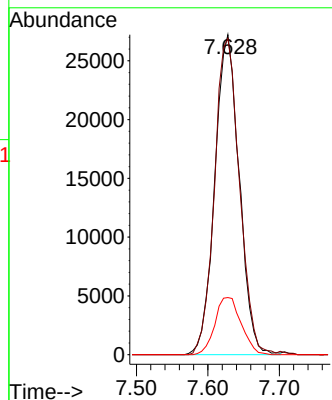
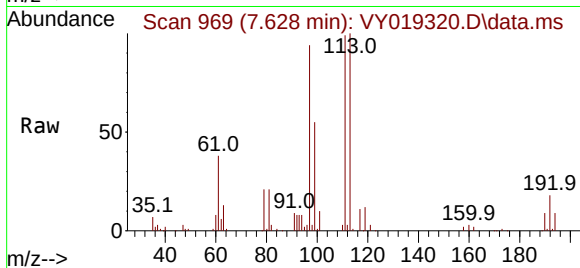




#35
Dibromofluoromethane
Concen: 51.424 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

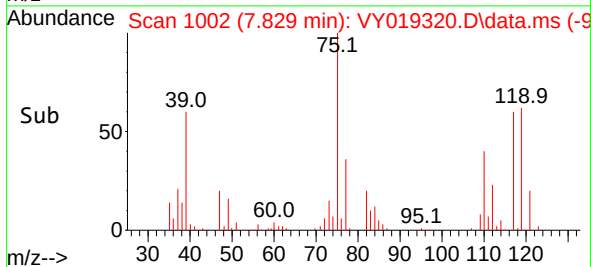
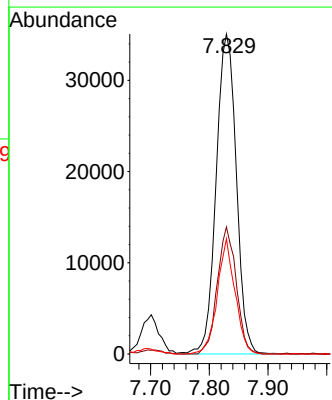
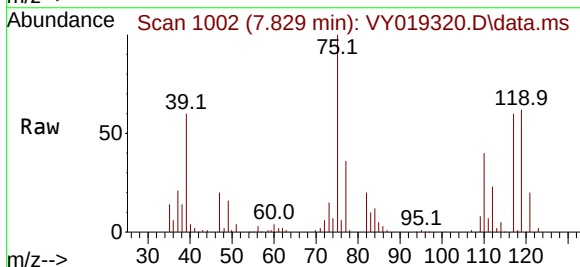
Instrument :
MSVOA_Y
ClientSampleId :

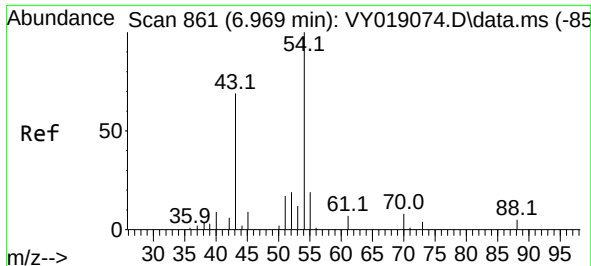
Tgt Ion:113 Resp: 64578
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 48.504 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion: 75 Resp: 83642
Ion Ratio Lower Upper
75 100
110 37.2 19.0 57.0
77 31.8 25.3 37.9





#37

Ethyl Acetate

Concen: 53.078 ug/l

RT: 6.976 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

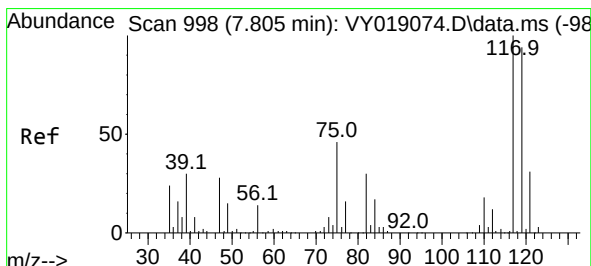
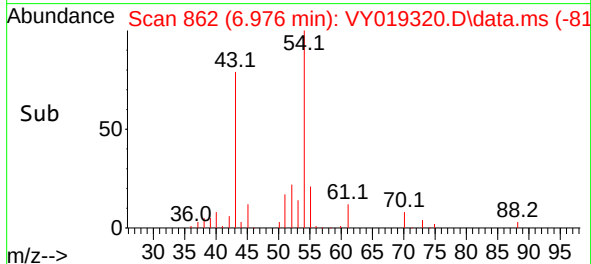
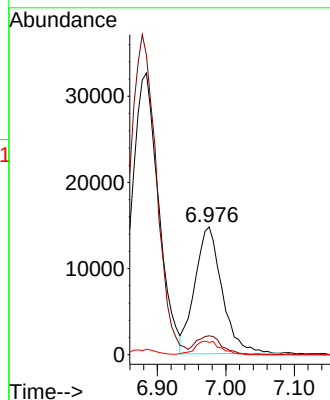
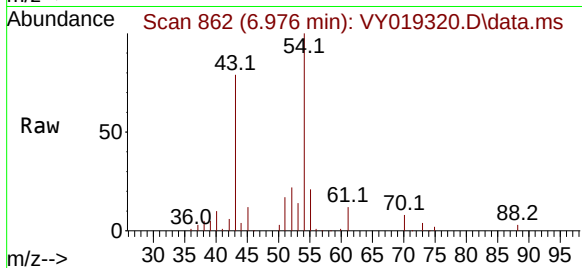
Tgt Ion: 43 Resp: 40552

Ion Ratio Lower Upper

43 100

61 14.1 12.6 19.0

70 10.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 49.515 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

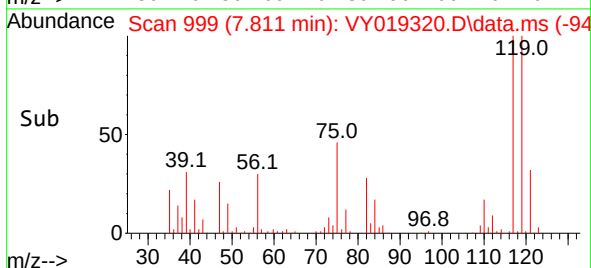
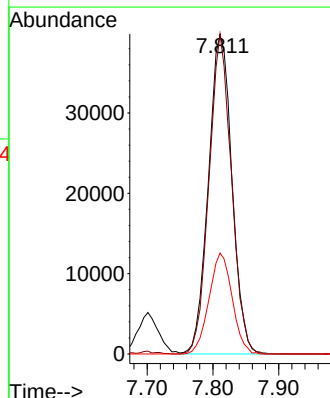
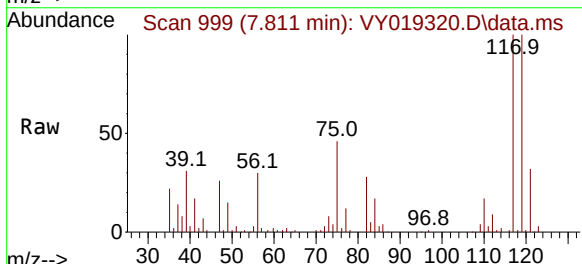
Tgt Ion: 117 Resp: 98953

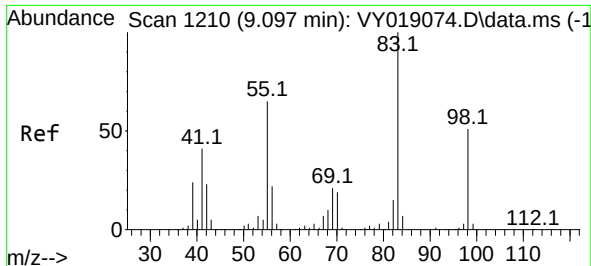
Ion Ratio Lower Upper

117 100

119 100.3 75.8 113.6

121 31.7 24.0 36.0





#39

Methylcyclohexane

Concen: 45.907 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

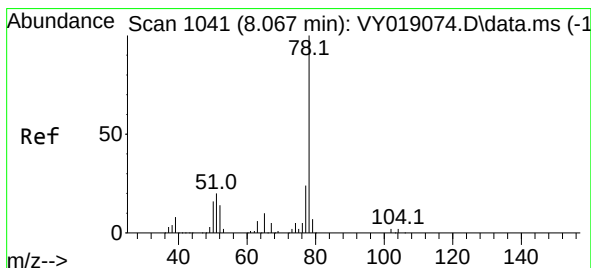
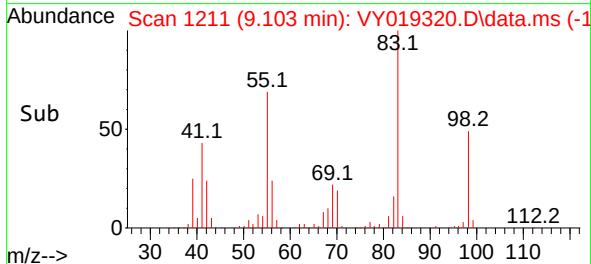
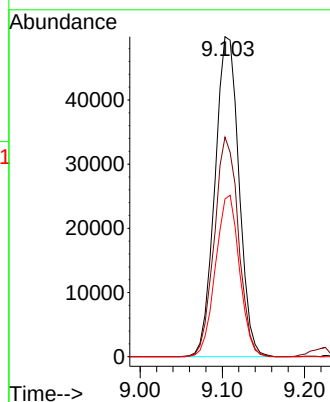
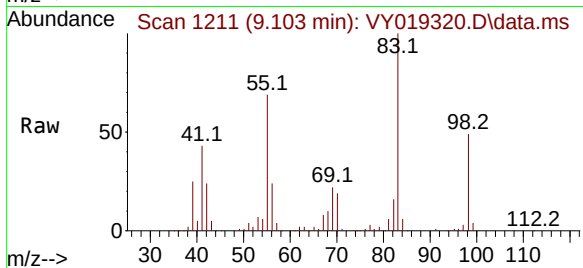
Tgt Ion: 83 Resp: 101589

Ion Ratio Lower Upper

83 100

55 68.6 51.5 77.3

98 49.3 40.5 60.7



#40

Benzene

Concen: 52.223 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019320.D

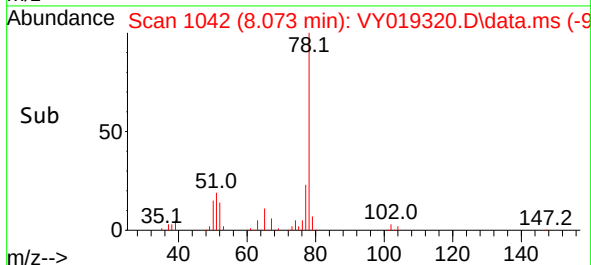
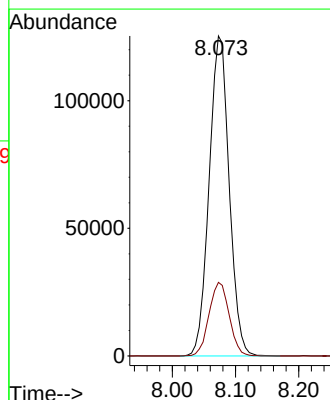
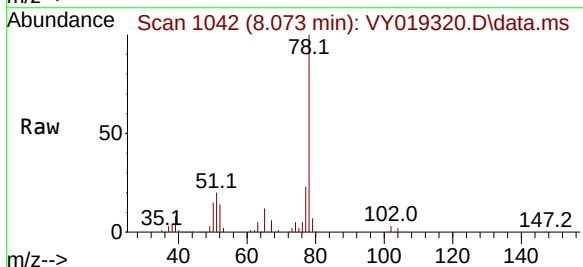
Acq: 28 Aug 2024 07:24

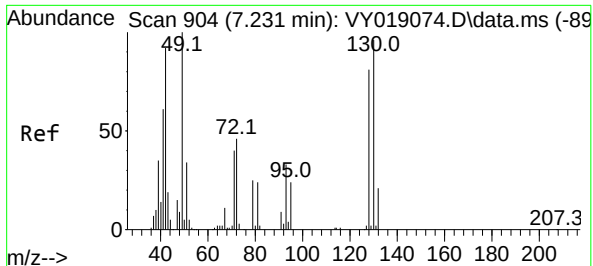
Tgt Ion: 78 Resp: 276197

Ion Ratio Lower Upper

78 100

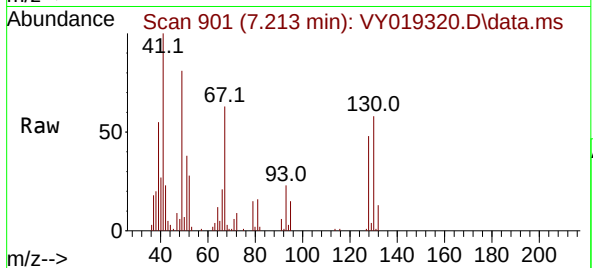
77 23.0 19.5 29.3





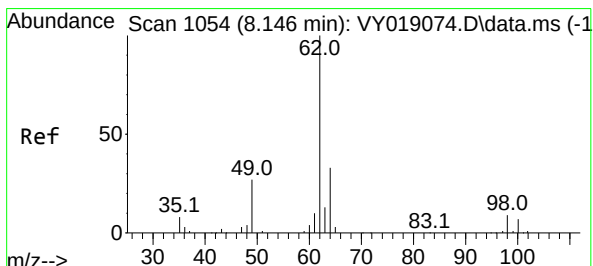
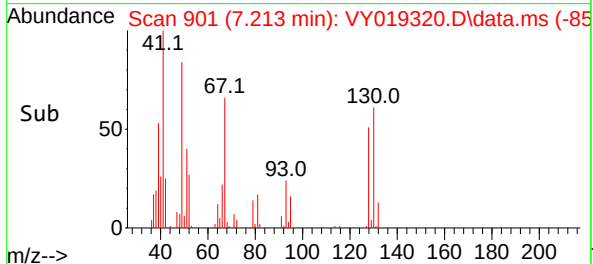
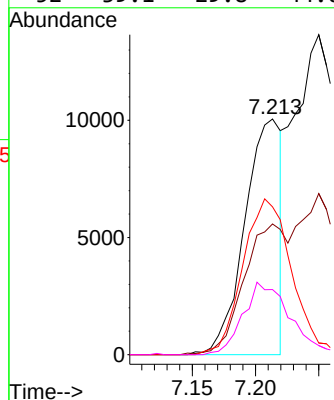
#41
Methacrylonitrile
Concen: 48.630 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 20279

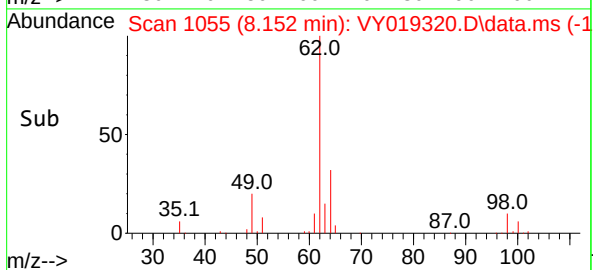
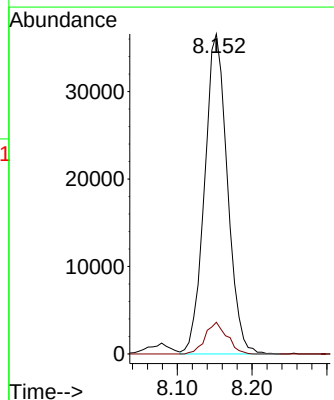
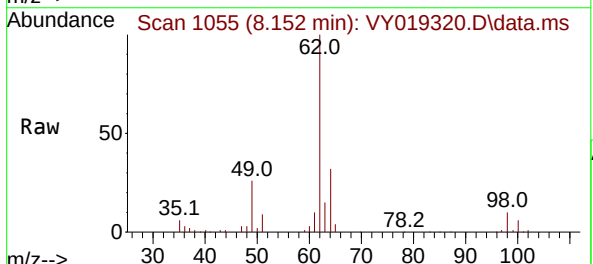
Ion	Ratio	Lower	Upper
41	100		
39	65.6	48.0	72.0
67	88.6	75.1	112.7
52	39.1	29.8	44.6

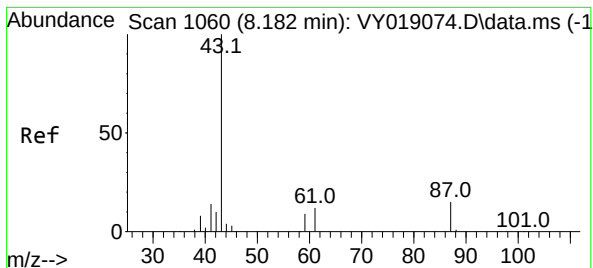


#42
1,2-Dichloroethane
Concen: 54.374 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion: 62 Resp: 77656

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	22.0





#43

Isopropyl Acetate

Concen: 52.088 ug/l

RT: 8.189 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

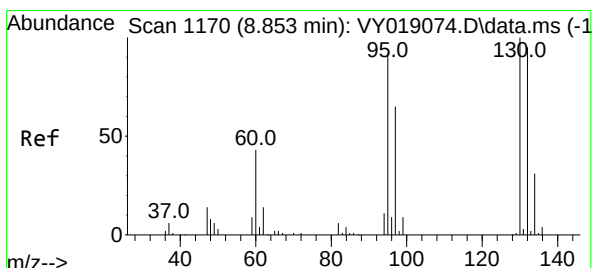
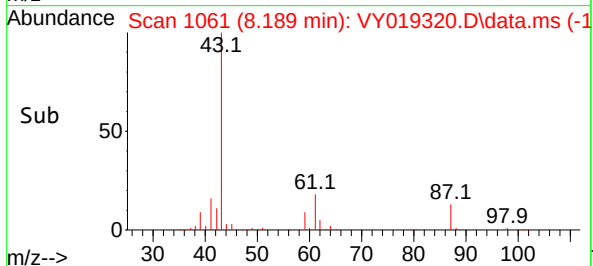
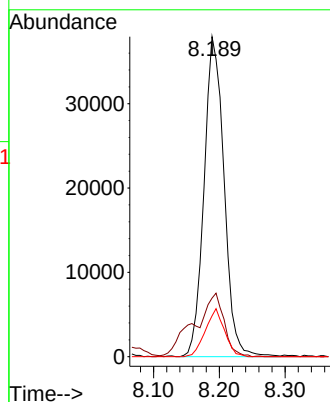
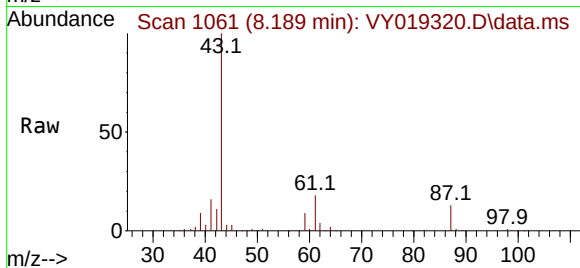
Tgt Ion: 43 Resp: 80483

Ion Ratio Lower Upper

43 100

61 18.4 27.9 41.9#

87 14.4 13.1 19.7



#44

Trichloroethene

Concen: 50.037 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY019320.D

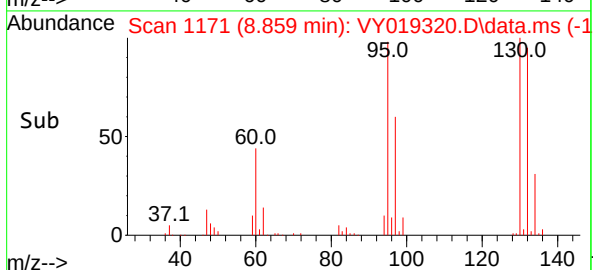
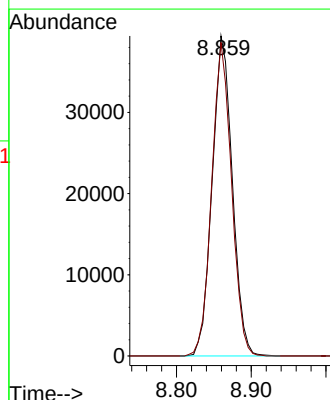
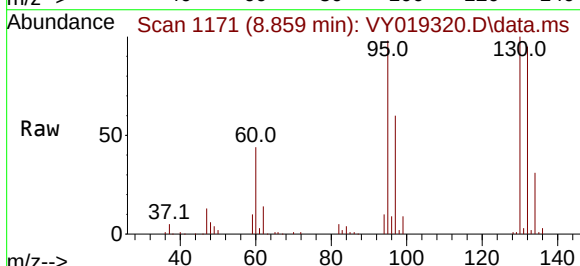
Acq: 28 Aug 2024 07:24

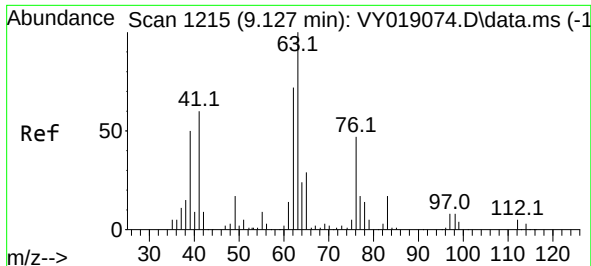
Tgt Ion:130 Resp: 73840

Ion Ratio Lower Upper

130 100

95 98.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.034 ug/l

RT: 9.140 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

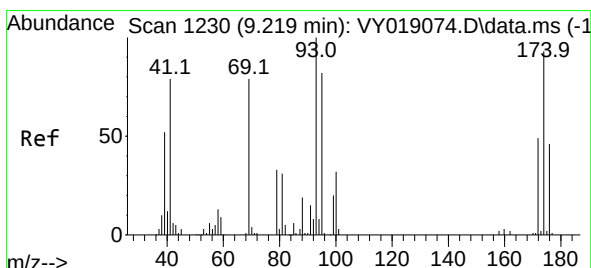
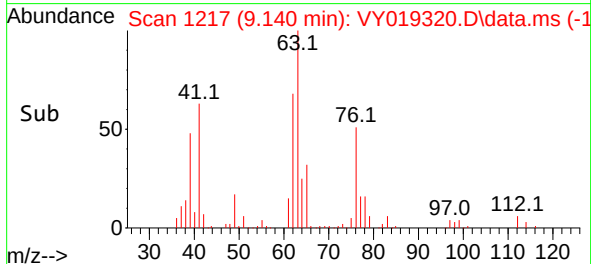
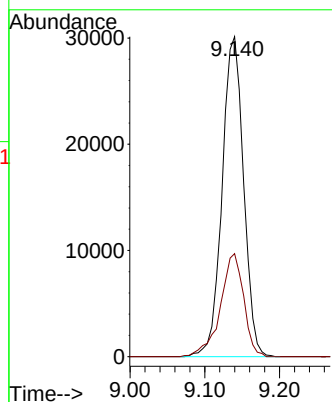
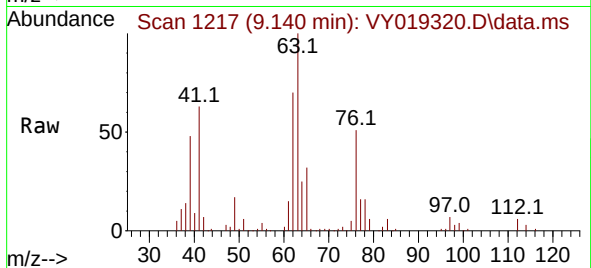
ClientSampleId :

Tgt Ion: 63 Resp: 60136

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2



#46

Dibromomethane

Concen: 50.048 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.012 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

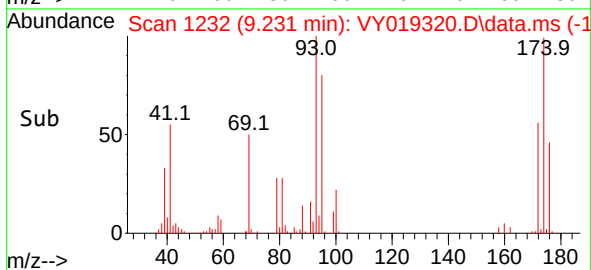
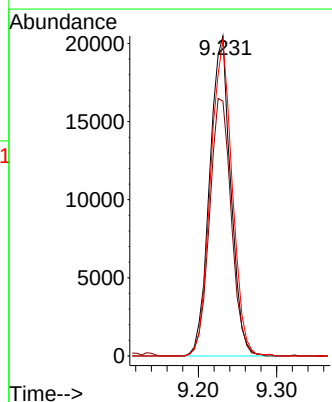
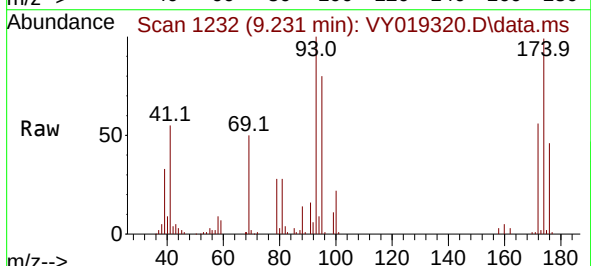
Tgt Ion: 93 Resp: 38250

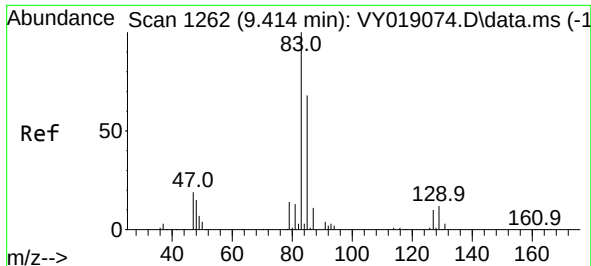
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 101.3 80.9 121.3

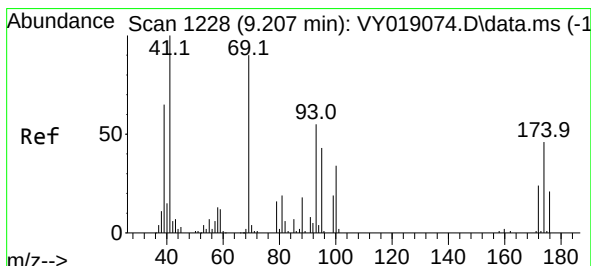
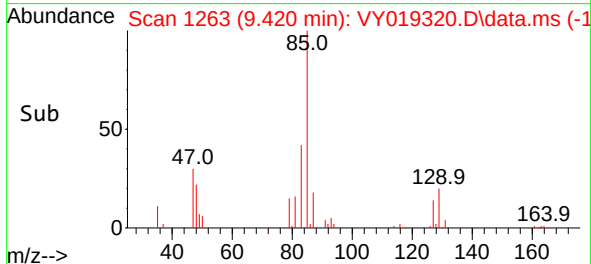
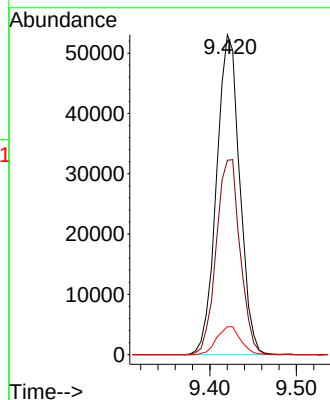
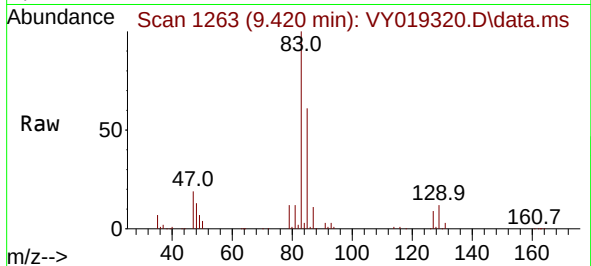




#47
Bromodichloromethane
Concen: 52.599 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

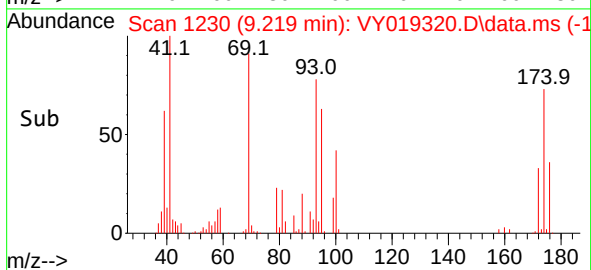
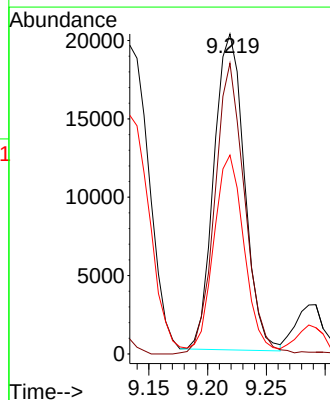
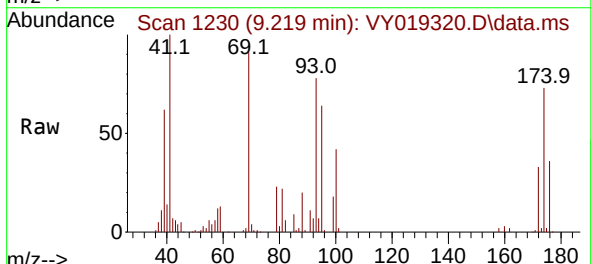
Instrument :
MSVOA_Y
ClientSampleId :

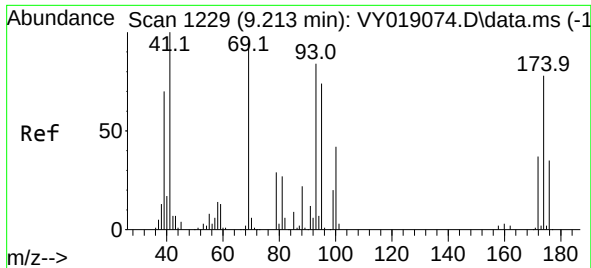
Tgt Ion: 83 Resp: 98627
Ion Ratio Lower Upper
83 100
85 60.8 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 52.981 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion: 41 Resp: 36483
Ion Ratio Lower Upper
41 100
69 90.5 84.1 126.1
39 62.6 43.6 65.4





#49

1,4-Dioxane

Concen: 977.519 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

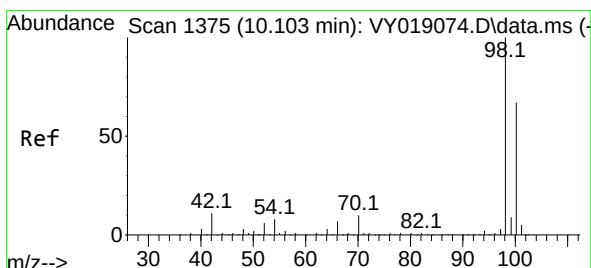
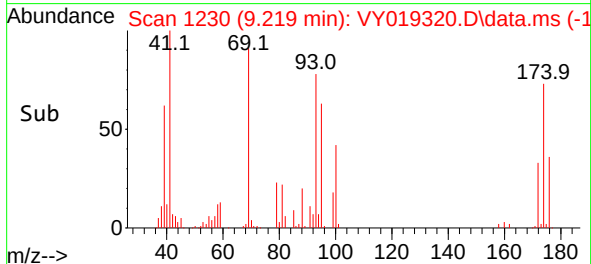
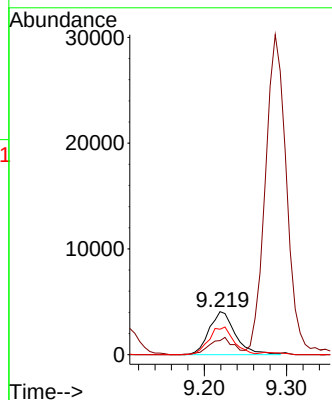
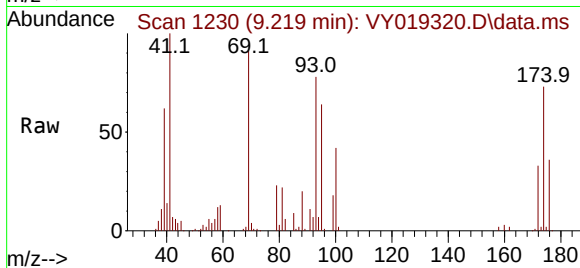
Tgt Ion: 88 Resp: 9050

Ion Ratio Lower Upper

88 100

43 36.4 0.0 0.0#

58 60.6 49.3 73.9



#50

Toluene-d8

Concen: 50.342 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019320.D

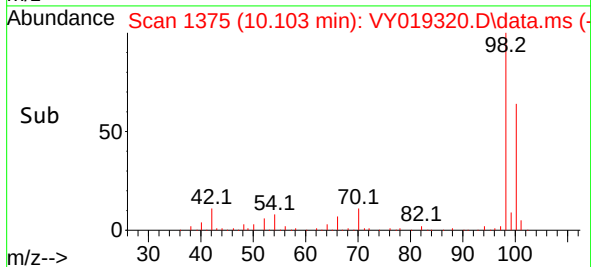
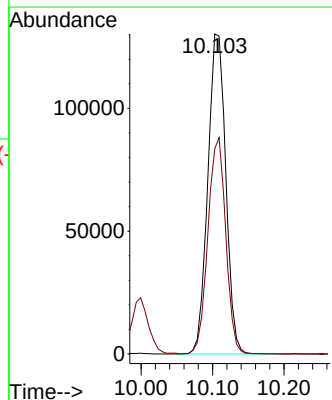
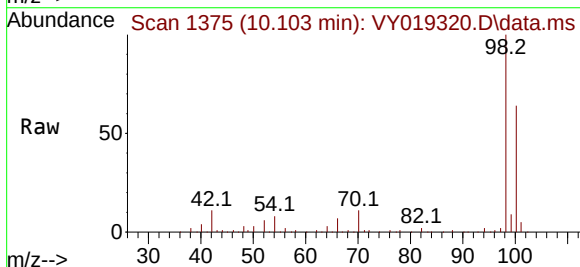
Acq: 28 Aug 2024 07:24

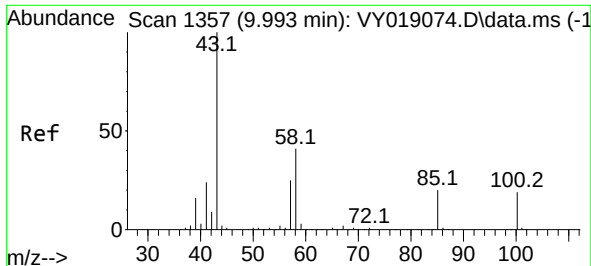
Tgt Ion: 98 Resp: 227505

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 251.652 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

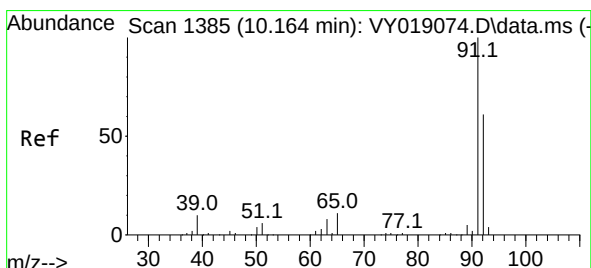
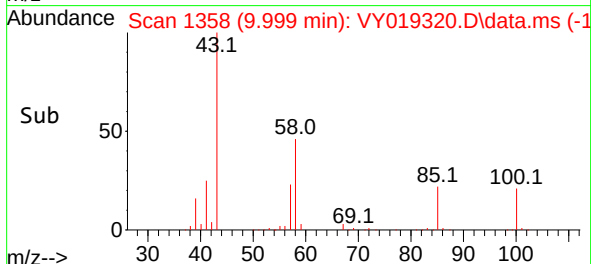
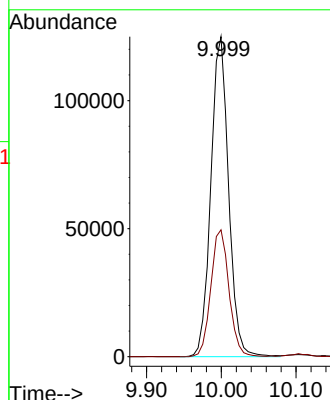
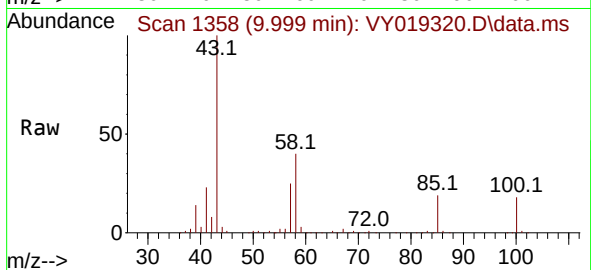
ClientSampleId :

Tgt Ion: 43 Resp: 206378

Ion Ratio Lower Upper

43 100

58 40.6 35.7 53.5



#52

Toluene

Concen: 44.572 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019320.D

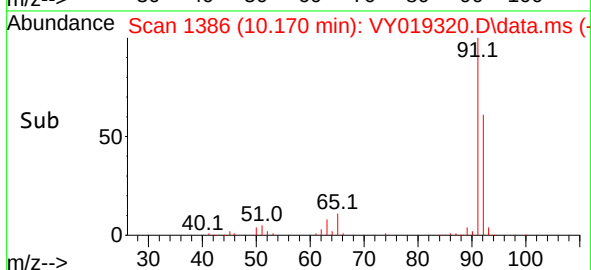
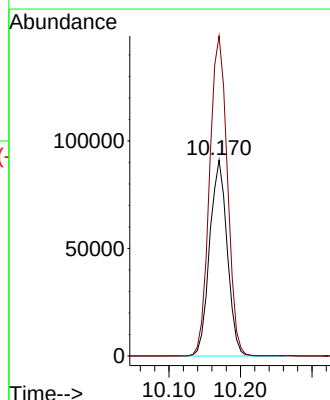
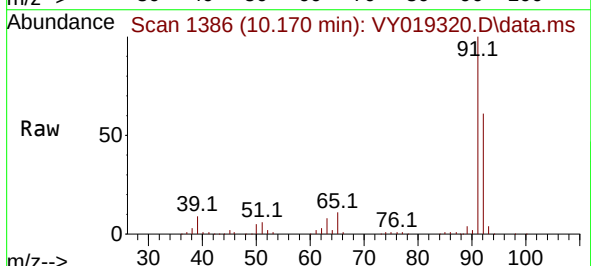
Acq: 28 Aug 2024 07:24

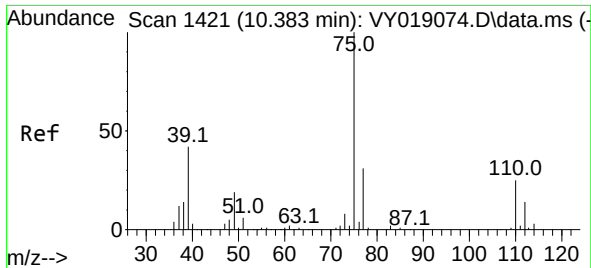
Tgt Ion: 92 Resp: 154738

Ion Ratio Lower Upper

92 100

91 166.4 139.0 208.6

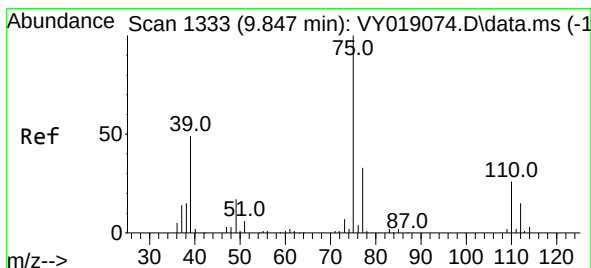
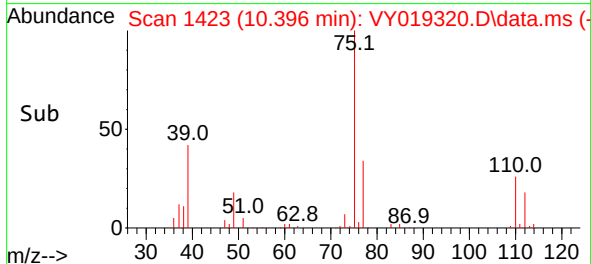
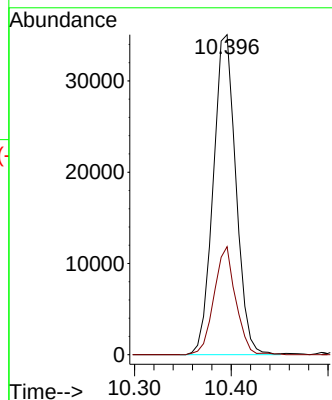
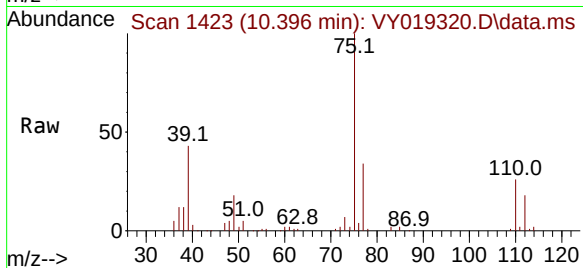




#53
 t-1,3-Dichloropropene
 Concen: 36.782 ug/l
 RT: 10.396 min Scan# 1421
 Delta R.T. 0.012 min
 Lab File: VY019320.D
 Acq: 28 Aug 2024 07:24

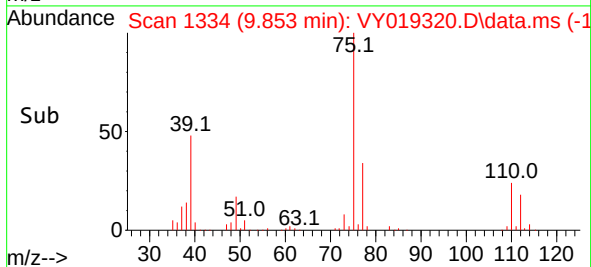
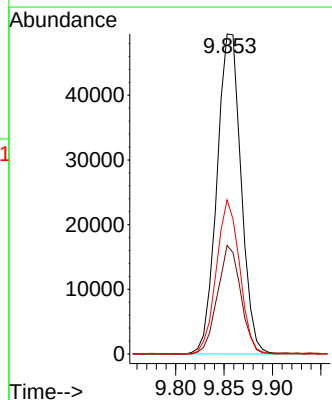
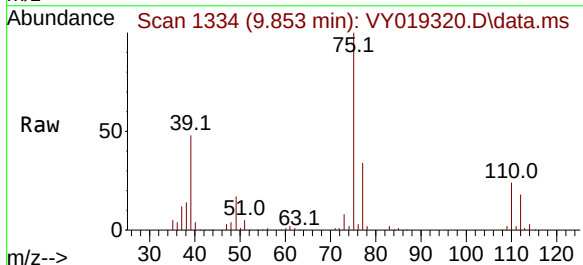
Instrument :
 MSVOA_Y
 ClientSampleId :

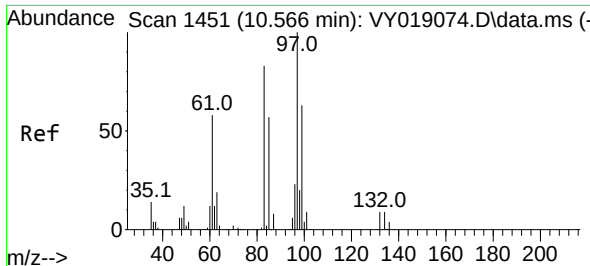
Tgt Ion: 75 Resp: 57211
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 45.934 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.006 min
 Lab File: VY019320.D
 Acq: 28 Aug 2024 07:24

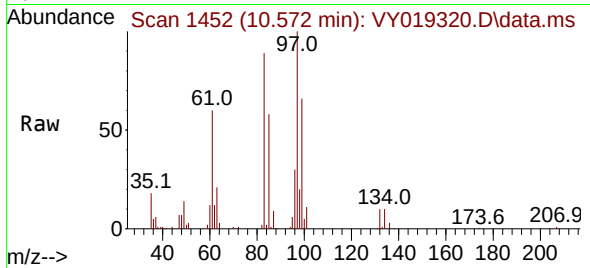
Tgt Ion: 75 Resp: 85925
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.4 38.0
 39 48.1 29.8 44.6#



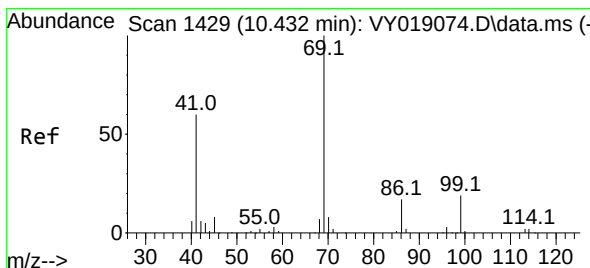
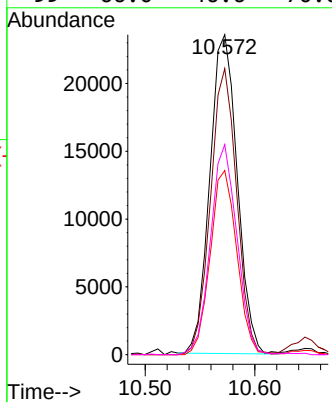
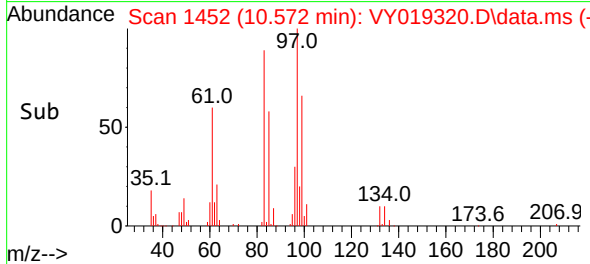


#55
1,1,2-Trichloroethane
Concen: 41.576 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Instrument :
MSVOA_Y
ClientSampleId :

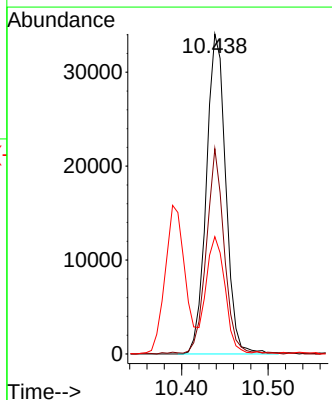
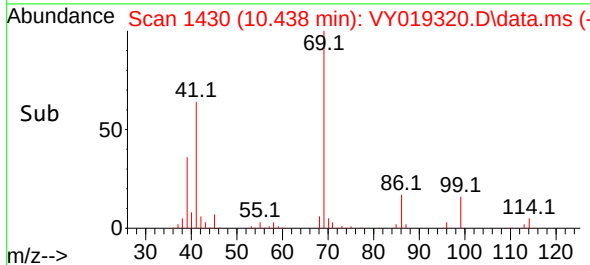
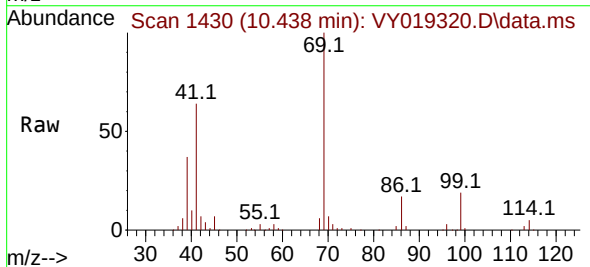


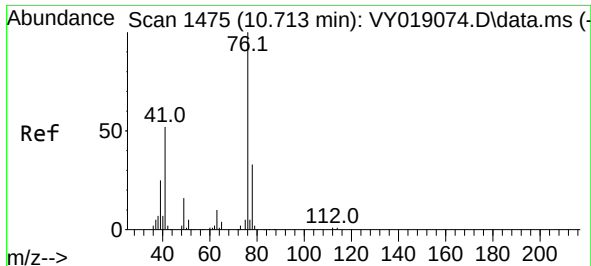
Tgt Ion:	97	Resp:	40906
Ion	Ratio	Lower	Upper
97	100		
83	89.9	67.5	101.3
85	57.8	42.9	64.3
99	66.0	46.6	70.0



#56
Ethyl methacrylate
Concen: 41.156 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion:	69	Resp:	53001
Ion	Ratio	Lower	Upper
69	100		
41	59.7	42.3	63.5
39	34.4	22.9	34.3





#57

1,3-Dichloropropane

Concen: 51.961 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

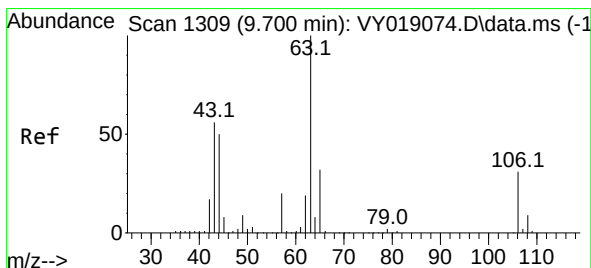
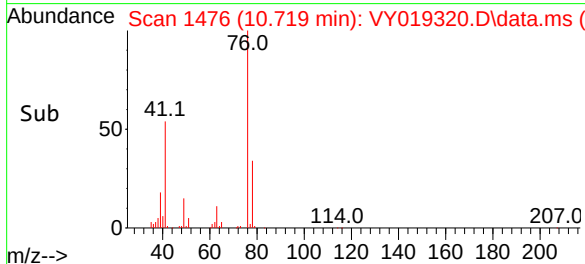
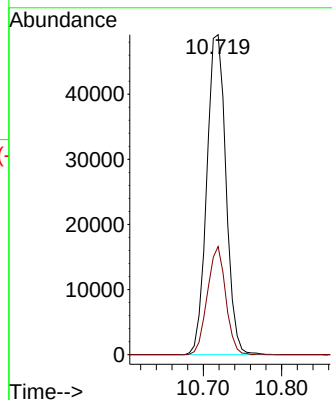
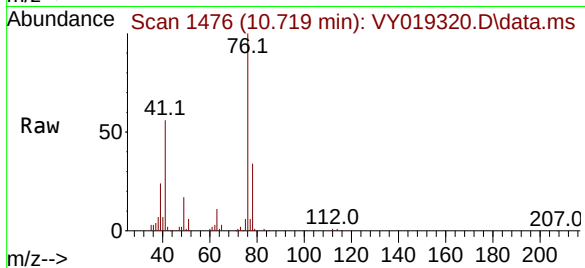
ClientSampleId :

Tgt Ion: 76 Resp: 83339

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 223.373 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019320.D

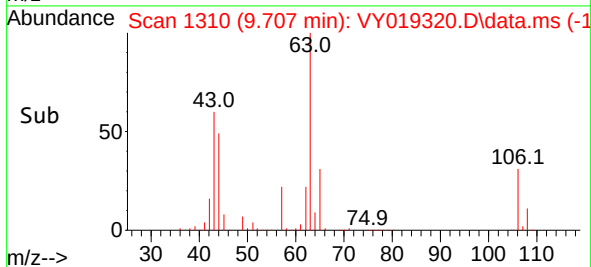
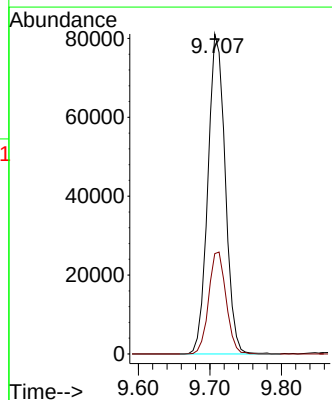
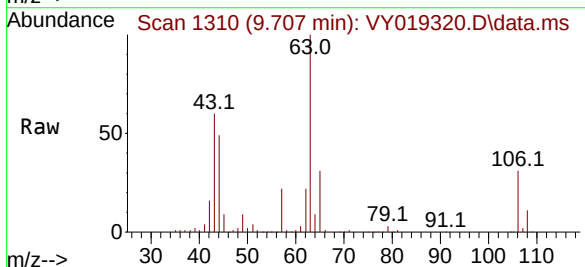
Acq: 28 Aug 2024 07:24

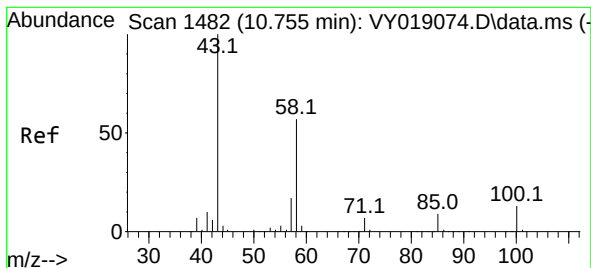
Tgt Ion: 63 Resp: 136466

Ion Ratio Lower Upper

63 100

106 31.9 23.7 35.5





#59

2-Hexanone

Concen: 240.716 ug/l

RT: 10.761 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

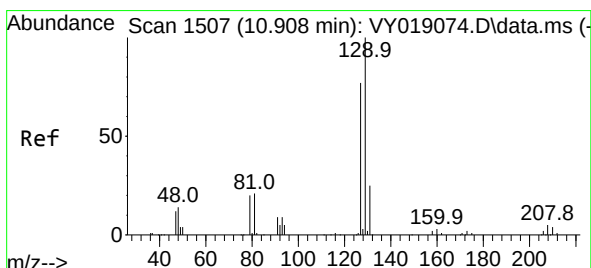
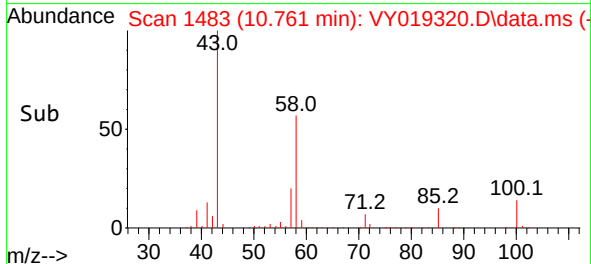
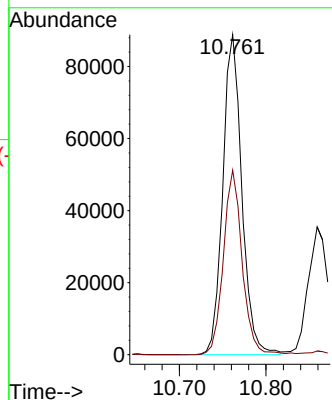
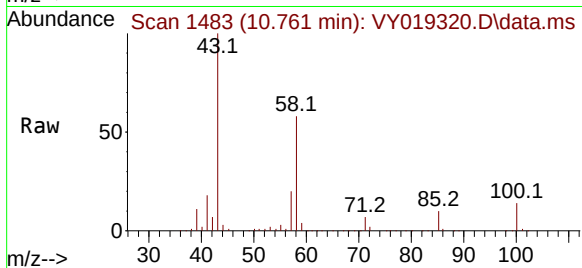
ClientSampleId :

Tgt Ion: 43 Resp: 135624

Ion Ratio Lower Upper

43 100

58 56.9 31.4 94.0



#60

Dibromochloromethane

Concen: 47.299 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY019320.D

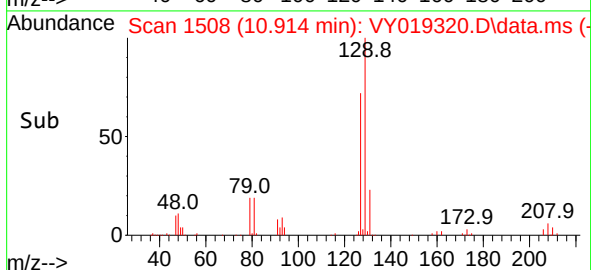
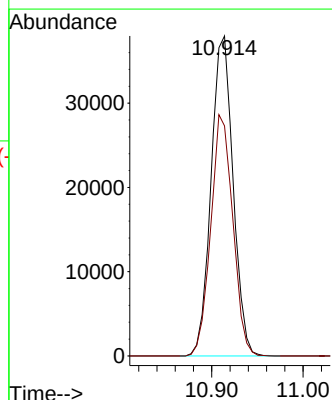
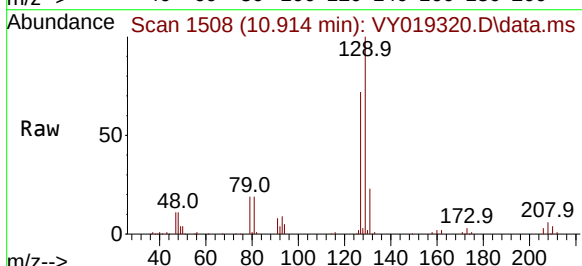
Acq: 28 Aug 2024 07:24

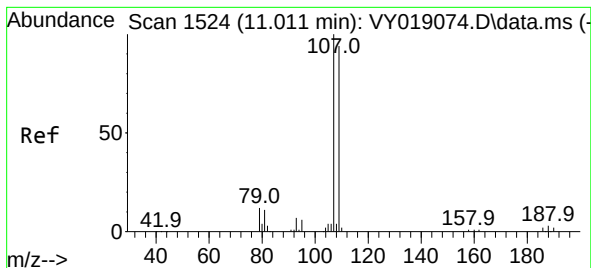
Tgt Ion:129 Resp: 63383

Ion Ratio Lower Upper

129 100

127 75.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 46.931 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

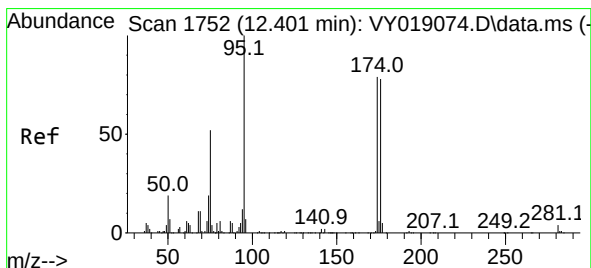
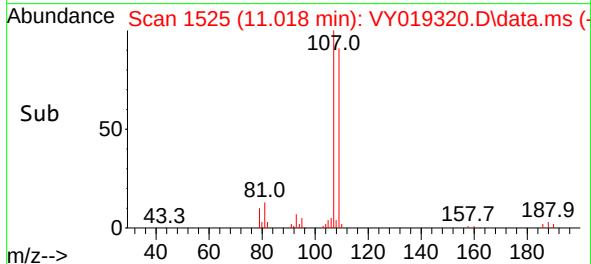
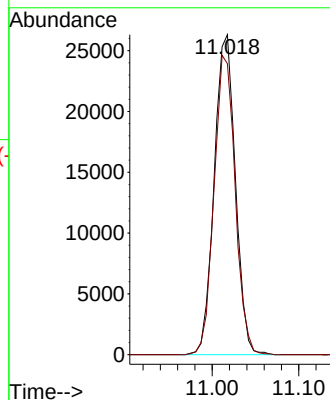
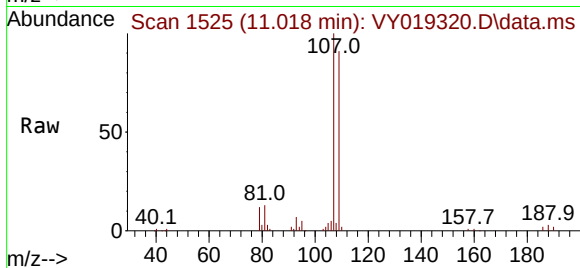
ClientSampleId :

Tgt Ion:107 Resp: 44629

Ion Ratio Lower Upper

107 100

109 93.6 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 39.112 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

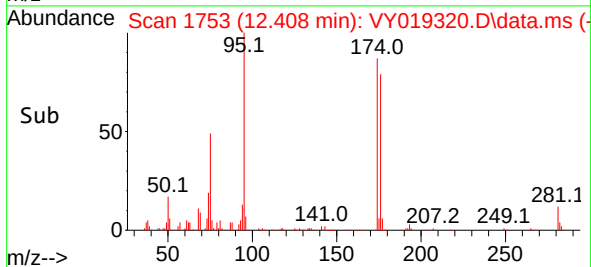
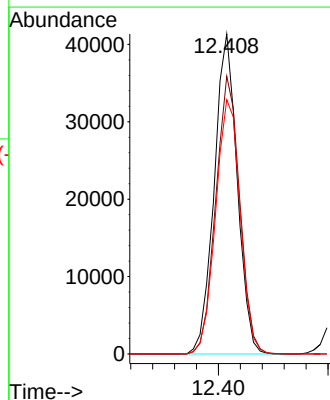
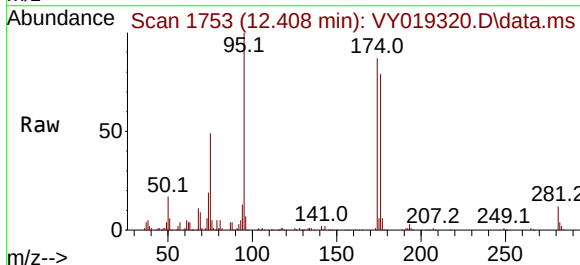
Tgt Ion: 95 Resp: 60255

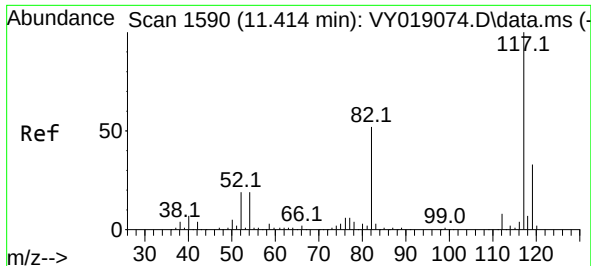
Ion Ratio Lower Upper

95 100

174 90.4 0.0 175.6

176 84.9 0.0 171.4

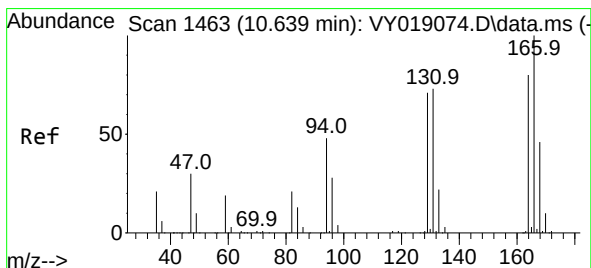
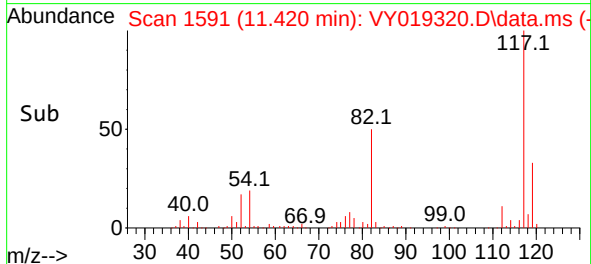
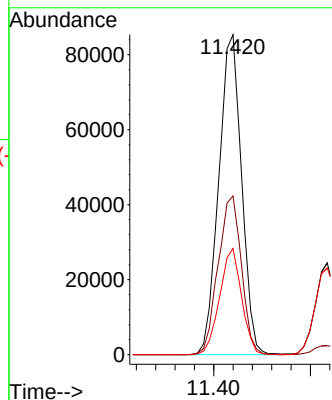
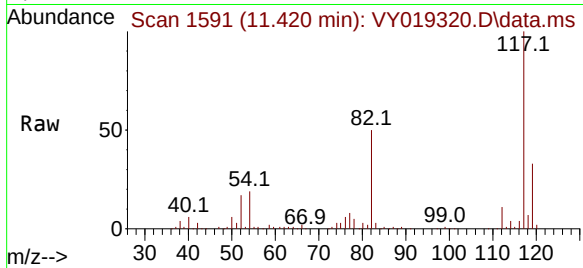




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

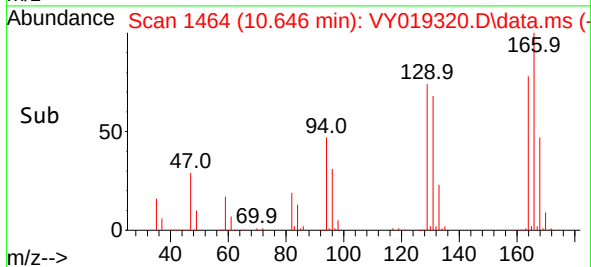
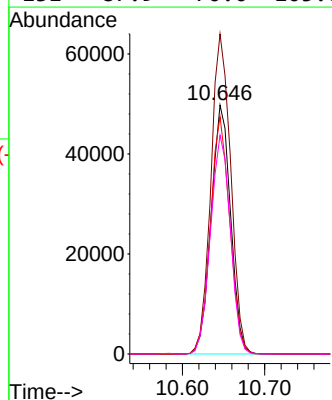
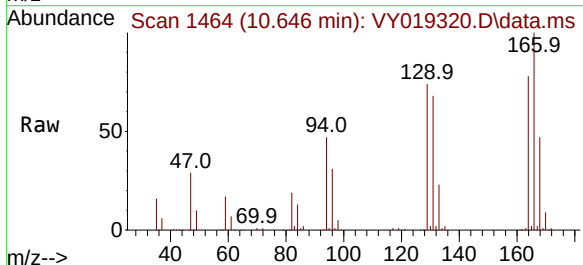
Instrument :
MSVOA_Y
ClientSampleId :

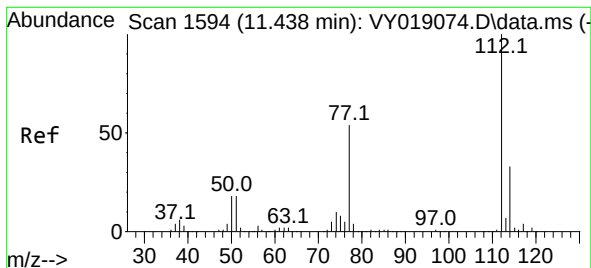
Tgt Ion:117 Resp: 139481
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 33.2 25.9 38.9



#64
Tetrachloroethene
Concen: 67.423 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion:164 Resp: 82200
Ion Ratio Lower Upper
164 100
166 128.6 102.6 154.0
129 95.4 72.0 108.0
131 87.9 70.0 105.0





#65

Chlorobenzene

Concen: 50.417 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

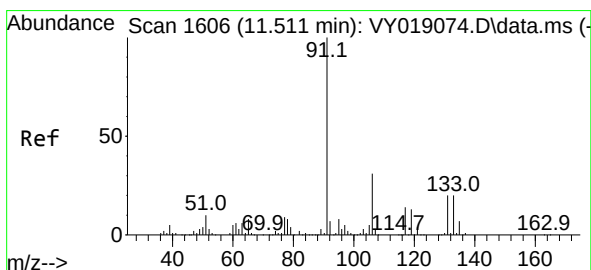
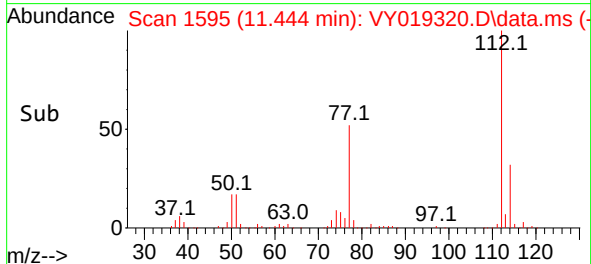
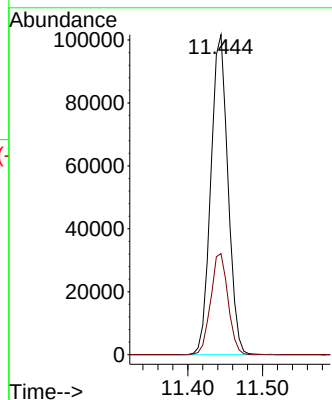
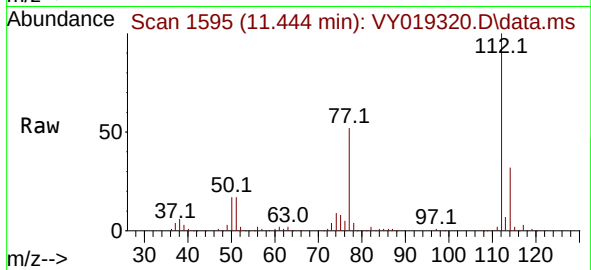
ClientSampleId :

Tgt Ion:112 Resp: 161926

Ion Ratio Lower Upper

112 100

114 31.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.858 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

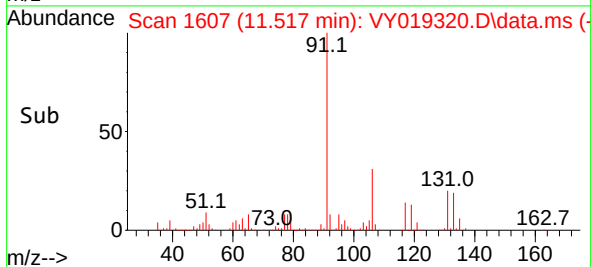
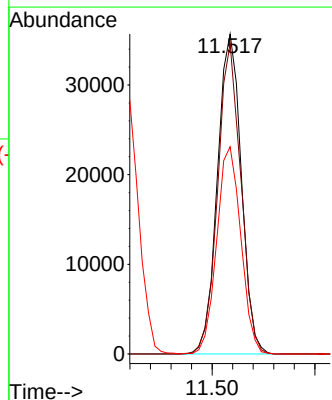
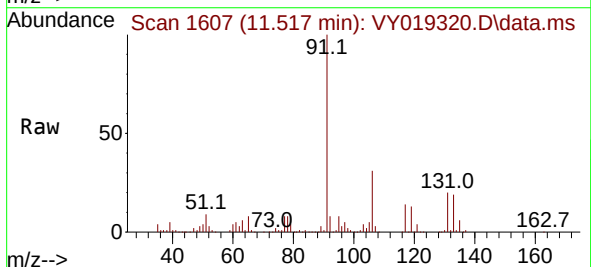
Tgt Ion:131 Resp: 57442

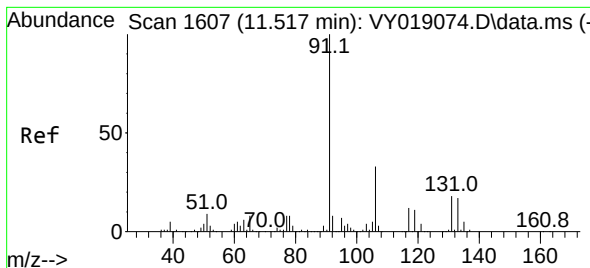
Ion Ratio Lower Upper

131 100

133 93.8 47.8 143.3

119 65.5 34.1 102.2





#67

Ethyl Benzene

Concen: 49.291 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

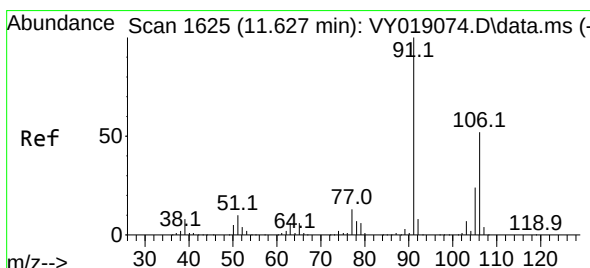
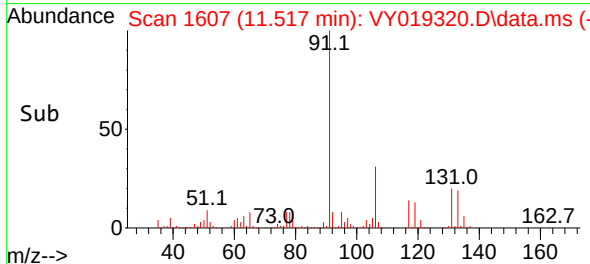
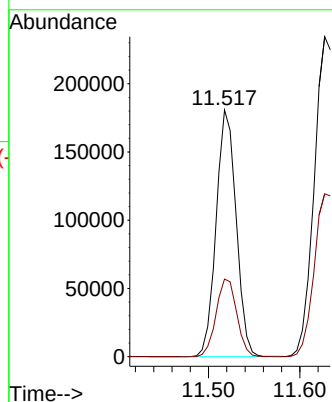
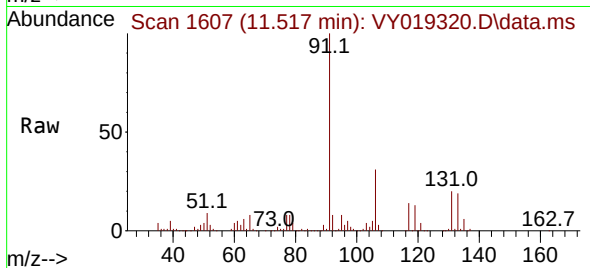
ClientSampleId :

Tgt Ion: 91 Resp: 274772

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 100.407 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019320.D

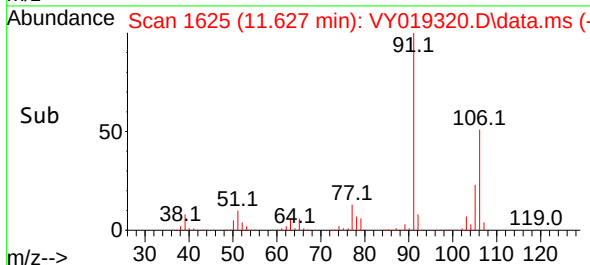
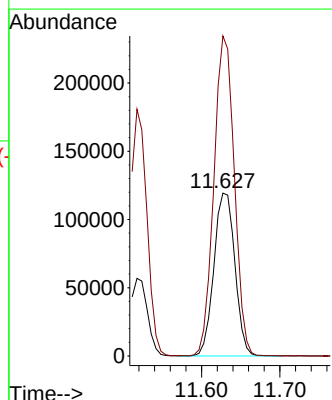
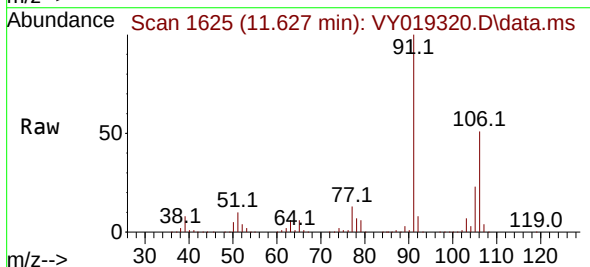
Acq: 28 Aug 2024 07:24

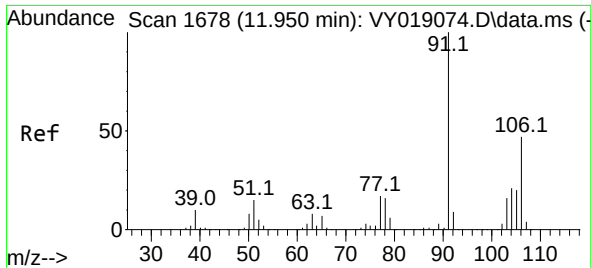
Tgt Ion: 106 Resp: 222091

Ion Ratio Lower Upper

106 100

91 191.4 156.0 234.0

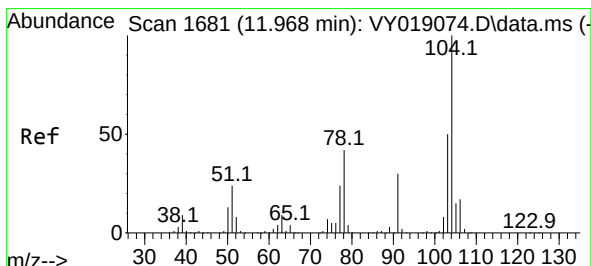
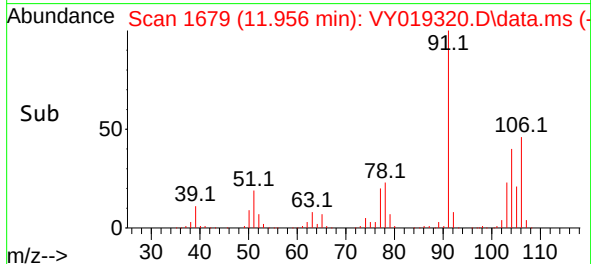
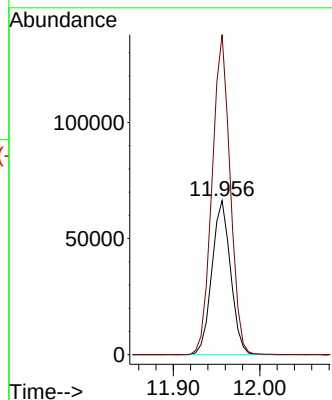
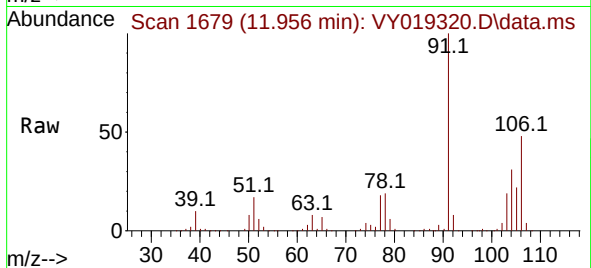




#69
o-Xylene
Concen: 48.452 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

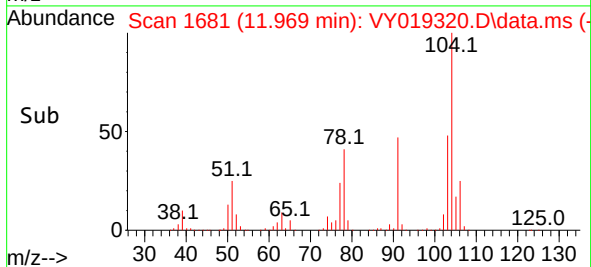
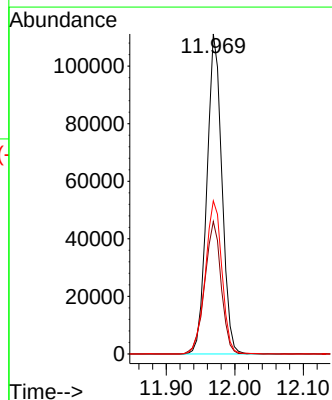
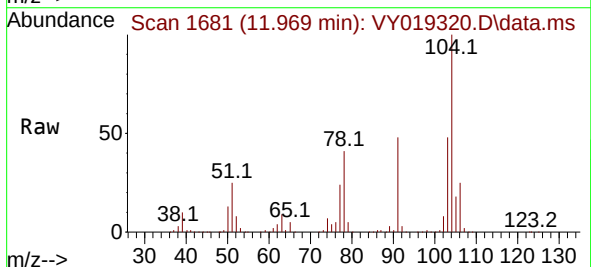
Instrument :
MSVOA_Y
ClientSampleId :

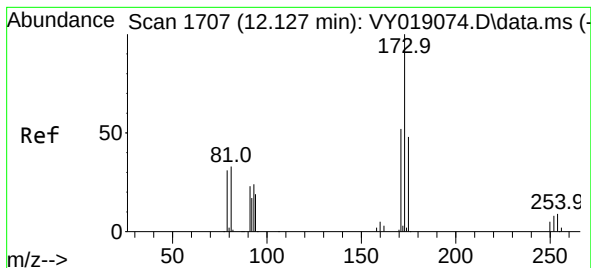
Tgt Ion:106 Resp: 99246
Ion Ratio Lower Upper
106 100
91 201.7 103.6 310.8



#70
Styrene
Concen: 48.479 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion:104 Resp: 169336
Ion Ratio Lower Upper
104 100
78 45.2 37.0 55.4
103 53.0 44.2 66.2





#71

Bromoform

Concen: 47.224 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY019320.D

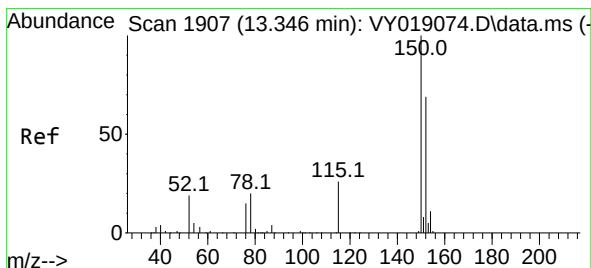
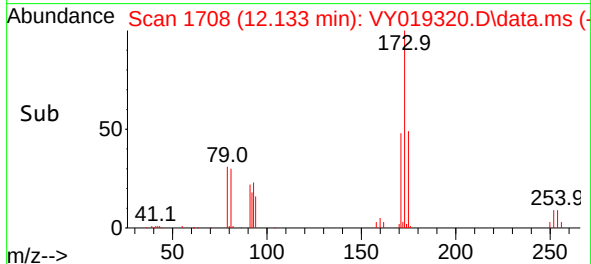
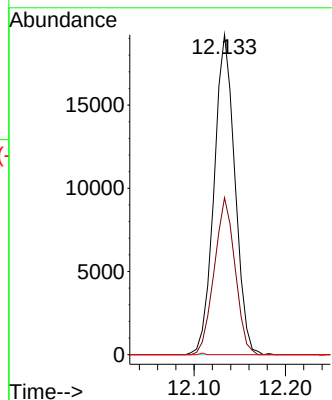
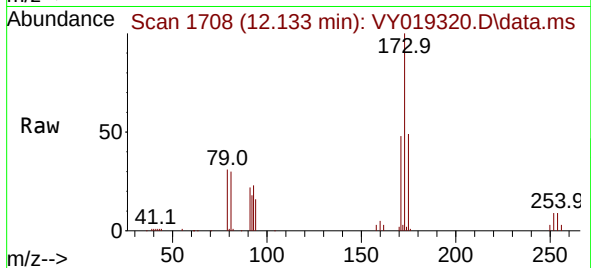
Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	30490
Ion Ratio	Lower	Upper
173	100	
175	49.0	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

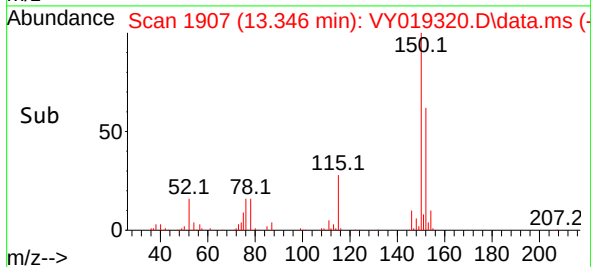
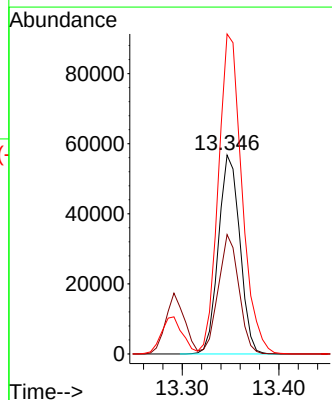
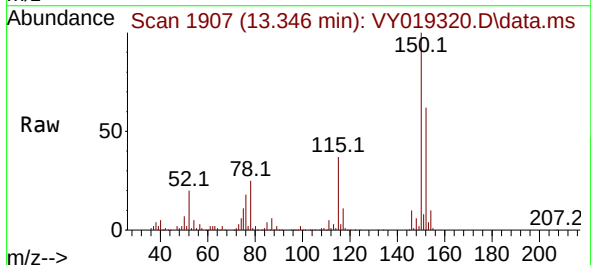
RT: 13.346 min Scan# 1907

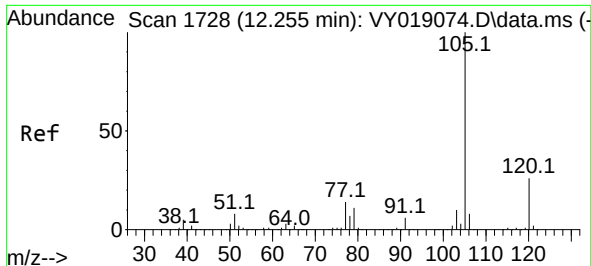
Delta R.T. 0.000 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Tgt Ion:152	Resp:	87088
Ion Ratio	Lower	Upper
152	100	
115	57.8	28.2 84.7
150	177.1	0.0 345.6

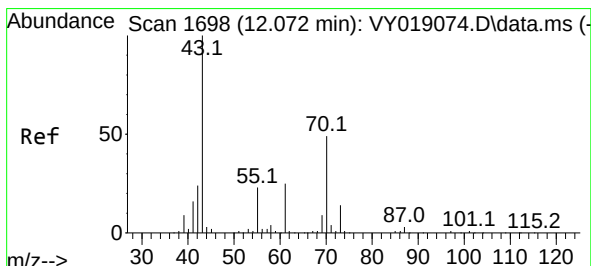
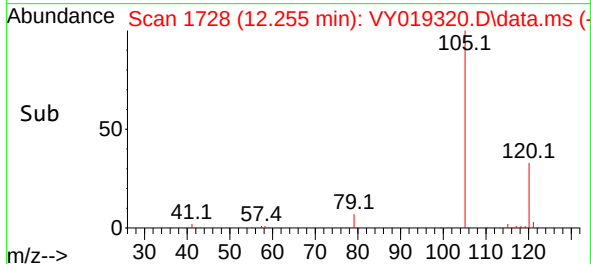
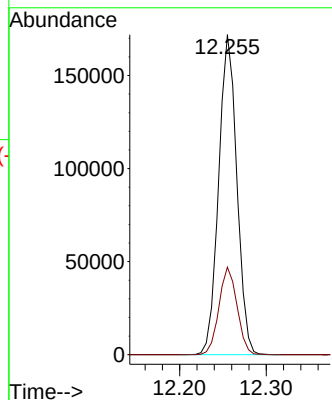
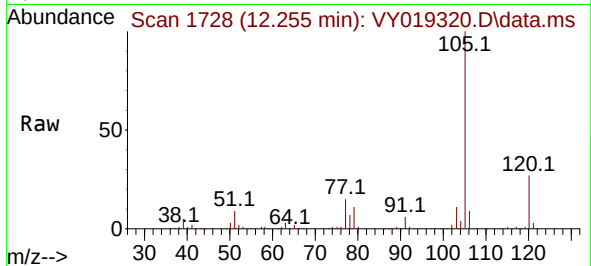




#73
Isopropylbenzene
Concen: 37.526 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

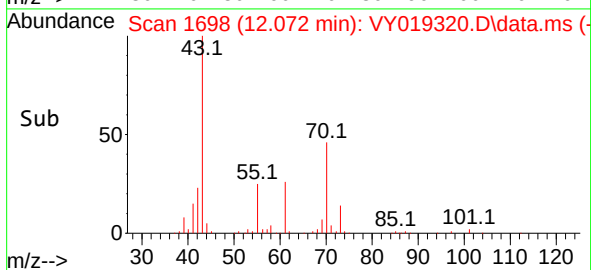
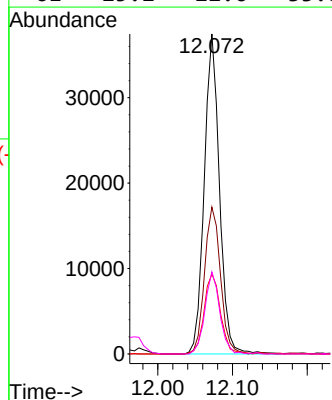
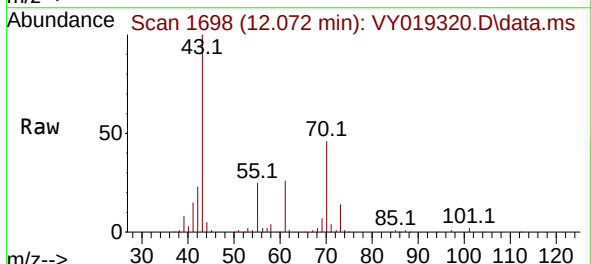
Instrument :
MSVOA_Y
ClientSampleId :

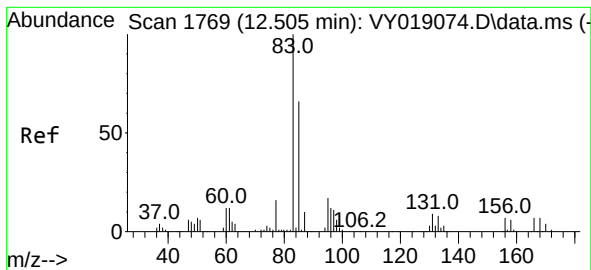
Tgt Ion:105 Resp: 250483
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 36.392 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion: 43 Resp: 52969
Ion Ratio Lower Upper
43 100
70 48.1 41.4 62.2
55 26.9 23.3 34.9
61 25.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 36.950 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

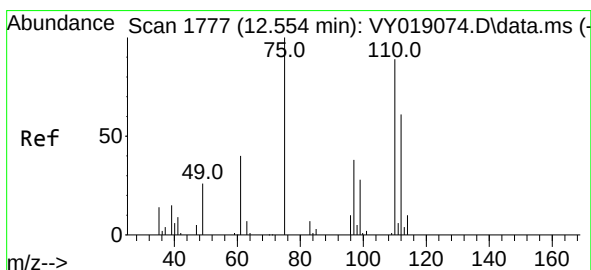
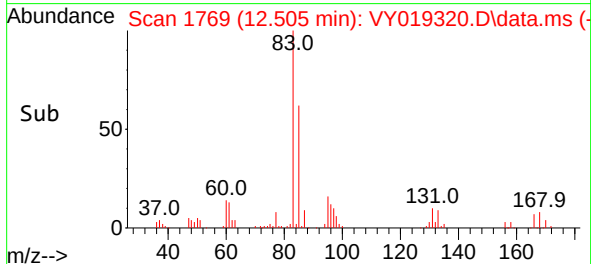
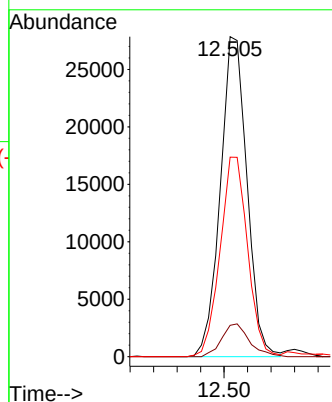
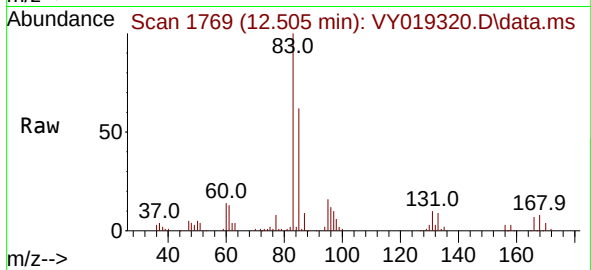
Tgt Ion: 83 Resp: 43909

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 64.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 63.801 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019320.D

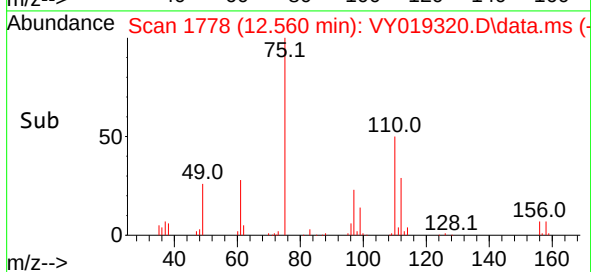
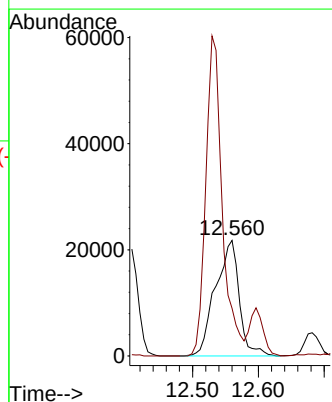
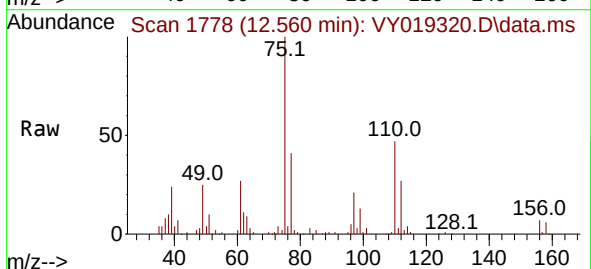
Acq: 28 Aug 2024 07:24

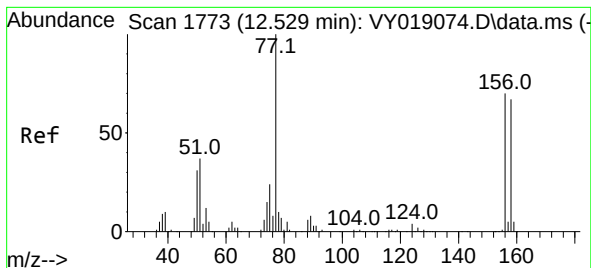
Tgt Ion: 75 Resp: 54795

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 39.541 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

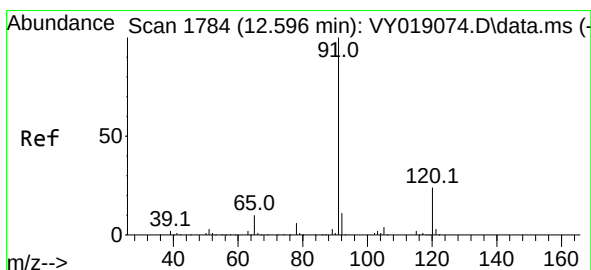
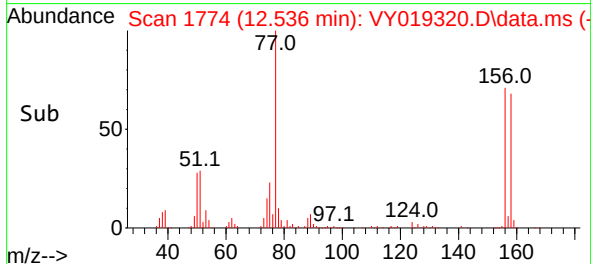
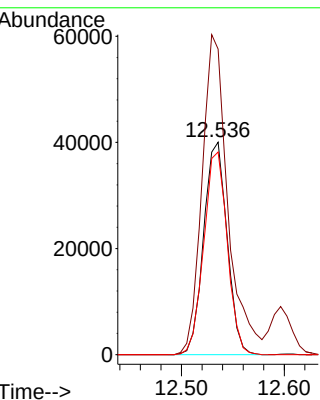
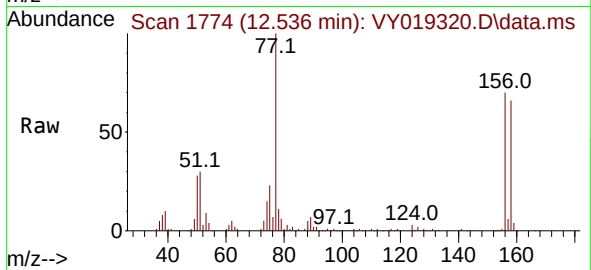
Tgt Ion:156 Resp: 63386

Ion Ratio Lower Upper

156 100

77 166.2 87.1 261.3

158 95.7 48.6 145.9



#78

n-propylbenzene

Concen: 40.065 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019320.D

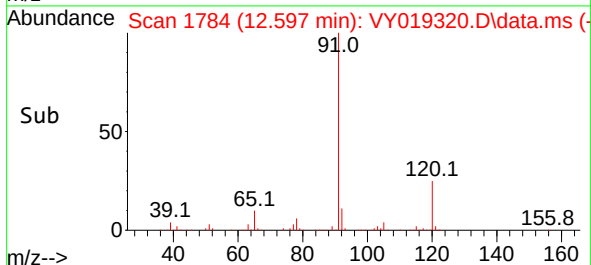
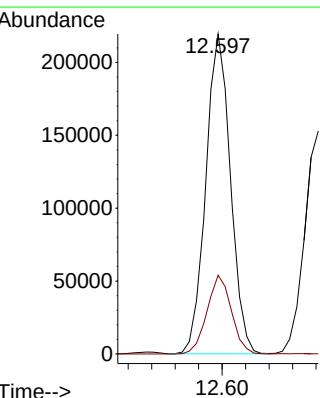
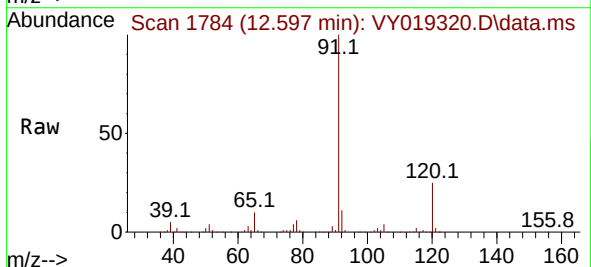
Acq: 28 Aug 2024 07:24

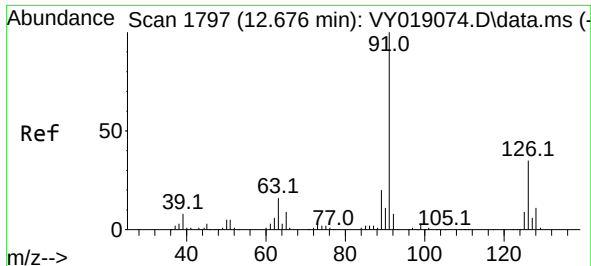
Tgt Ion: 91 Resp: 319695

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.103 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

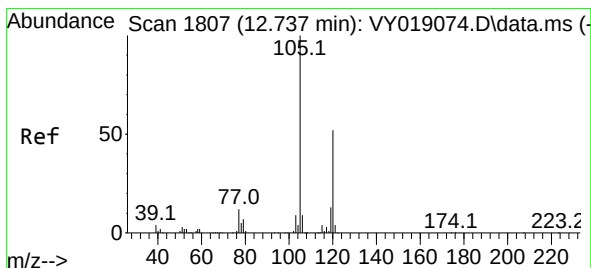
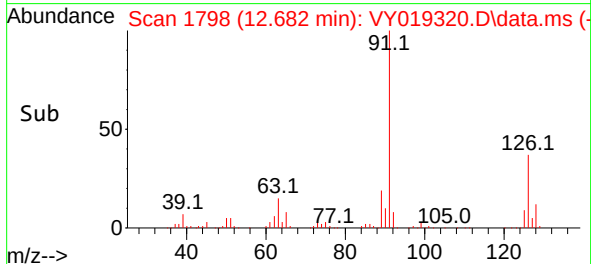
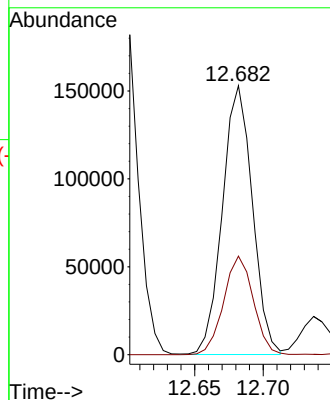
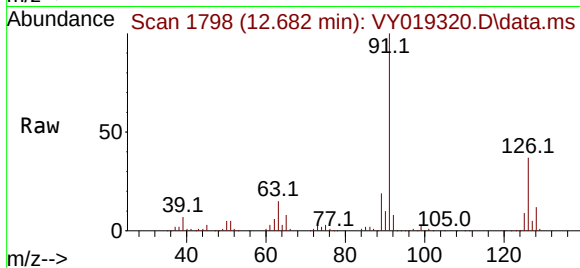
ClientSampleId :

Tgt Ion: 91 Resp: 233087

Ion Ratio Lower Upper

91 100

126 36.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 51.473 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019320.D

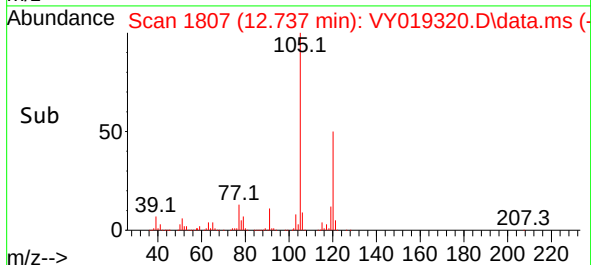
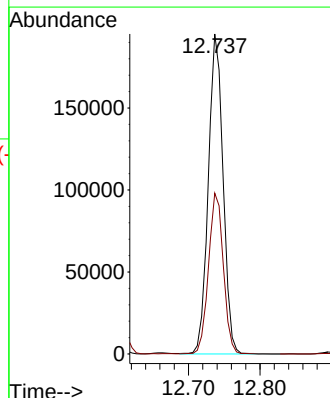
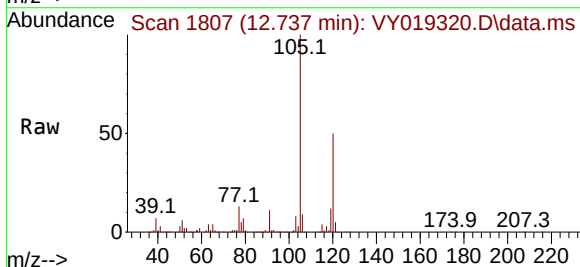
Acq: 28 Aug 2024 07:24

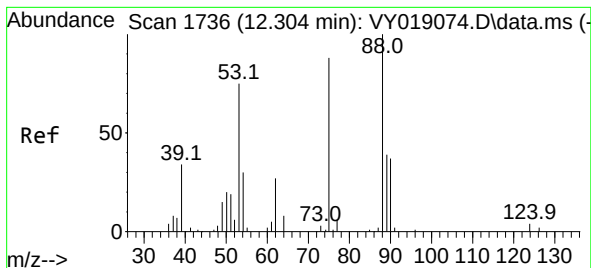
Tgt Ion:105 Resp: 279893

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.2

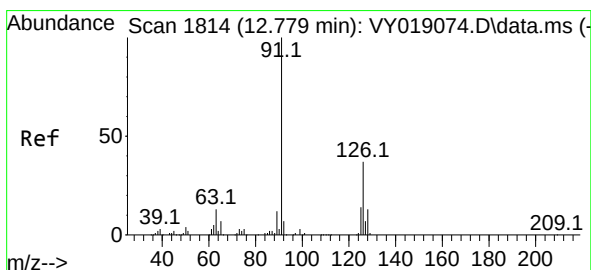
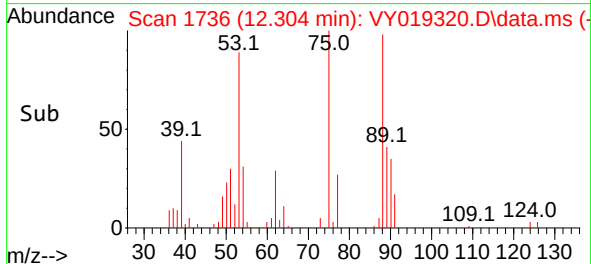
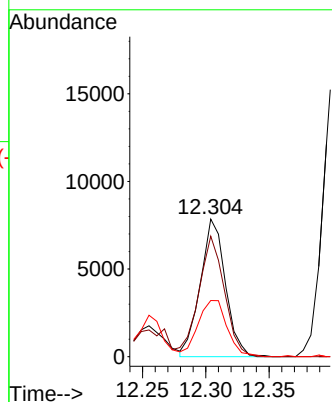
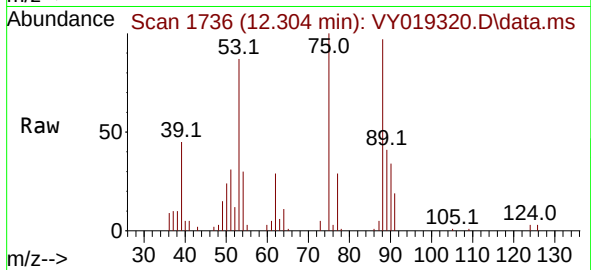




#81
trans-1,4-Dichloro-2-butene
Concen: 31.321 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

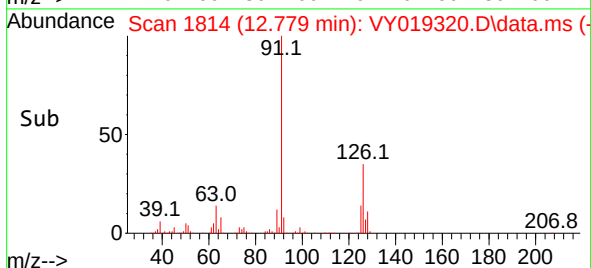
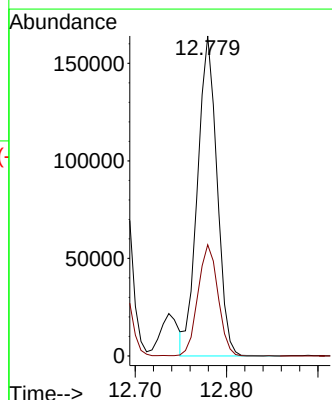
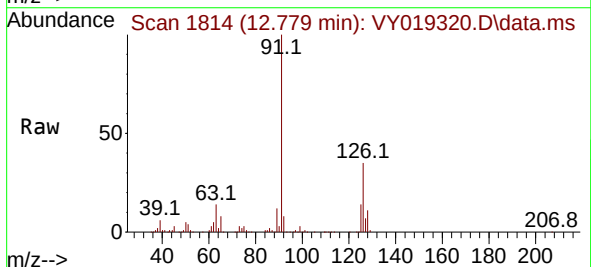
Instrument :
MSVOA_Y
ClientSampleId :

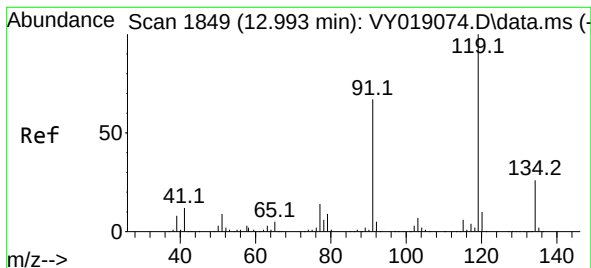
Tgt Ion: 75 Resp: 10892
Ion Ratio Lower Upper
75 100
53 89.9 66.8 100.2
89 47.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 52.197 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019320.D
Acq: 28 Aug 2024 07:24

Tgt Ion: 91 Resp: 242936
Ion Ratio Lower Upper
91 100
126 35.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.799 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

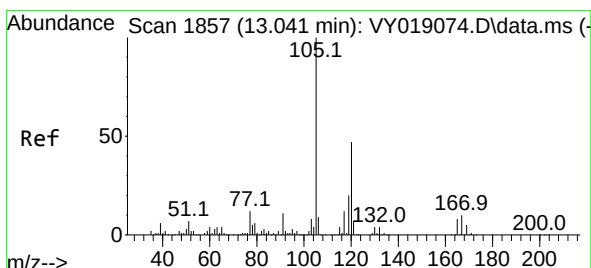
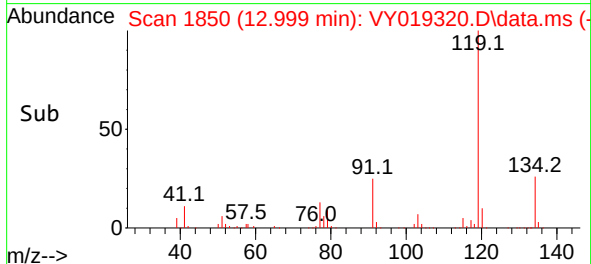
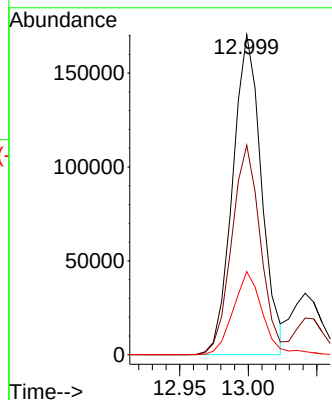
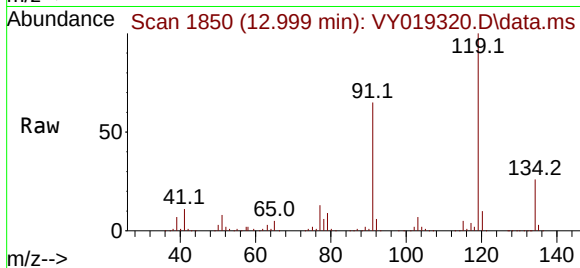
Tgt Ion:119 Resp: 250070

Ion Ratio Lower Upper

119 100

91 65.2 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.760 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019320.D

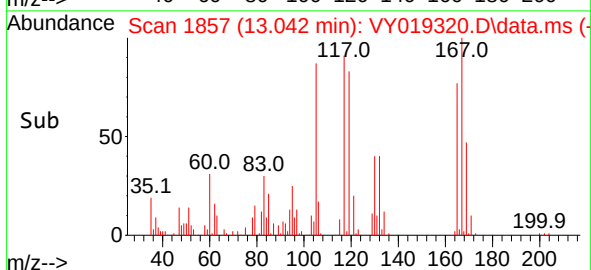
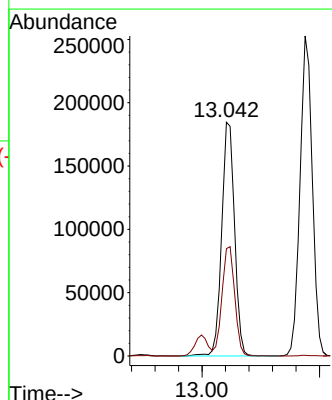
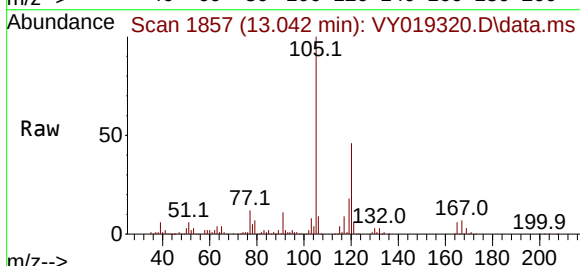
Acq: 28 Aug 2024 07:24

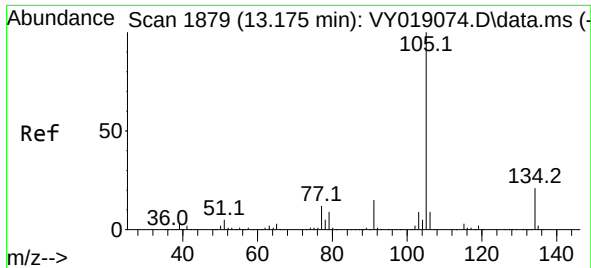
Tgt Ion:105 Resp: 280513

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6

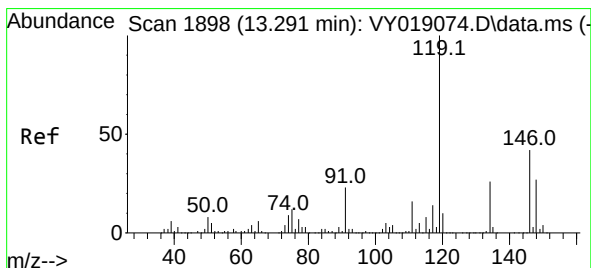
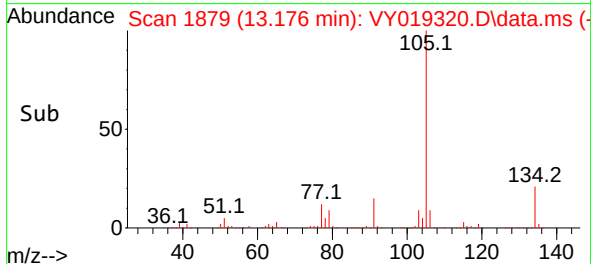
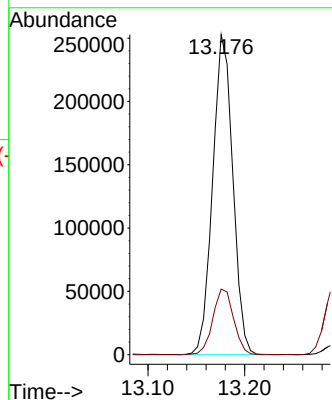
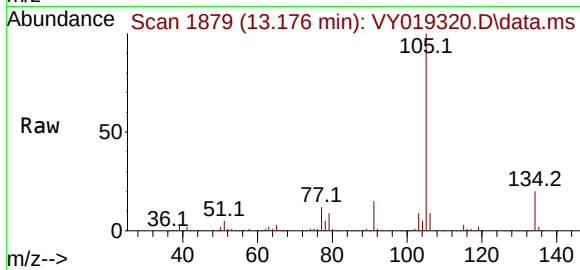




#85
 sec-Butylbenzene
 Concen: 50.054 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY019320.D
 Acq: 28 Aug 2024 07:24

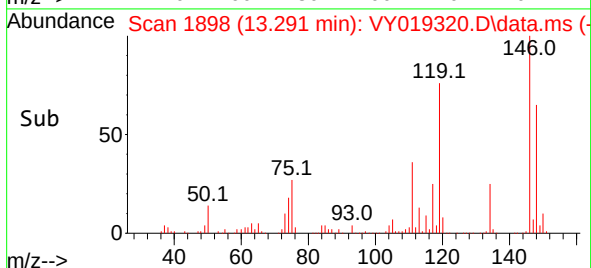
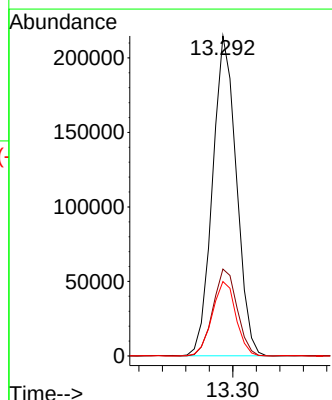
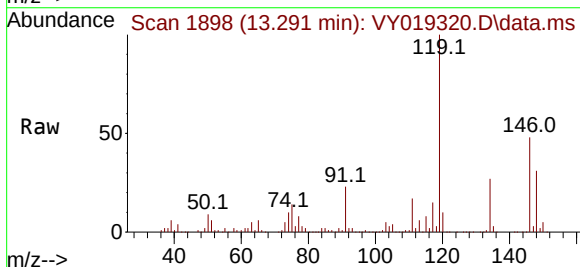
Instrument :
 MSVOA_Y
 ClientSampleId :

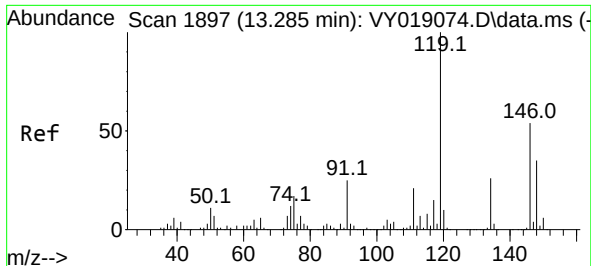
Tgt Ion:105 Resp: 366285
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.352 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019320.D
 Acq: 28 Aug 2024 07:24

Tgt Ion:119 Resp: 302654
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.1 39.3
 91 23.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.290 ug/l

RT: 13.291 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

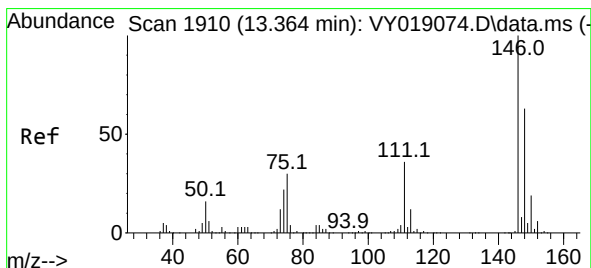
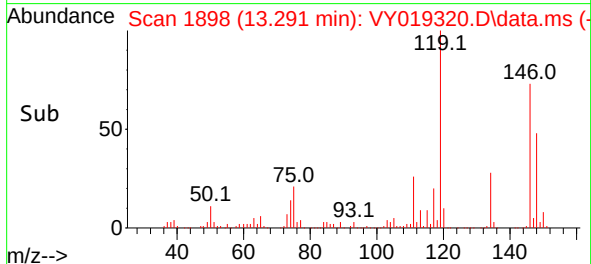
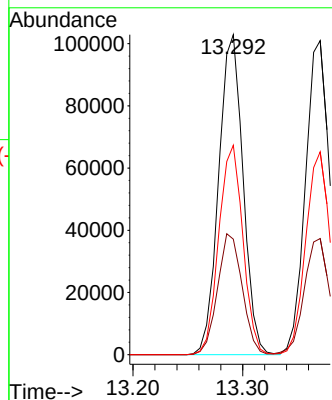
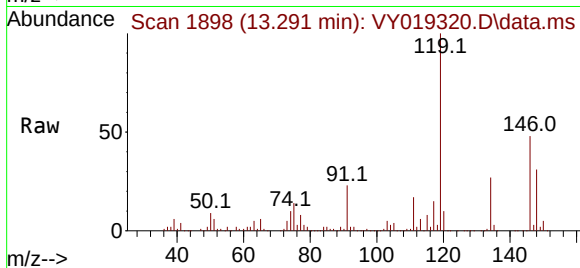
Tgt Ion:146 Resp: 158985

Ion Ratio Lower Upper

146 100

111 38.2 19.0 57.0

148 64.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.981 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

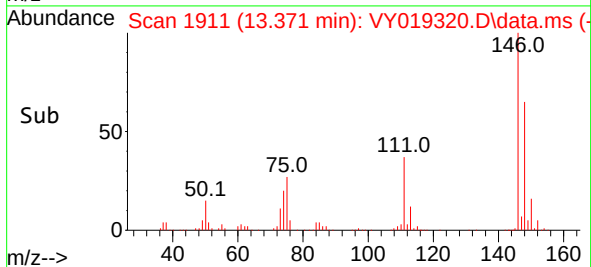
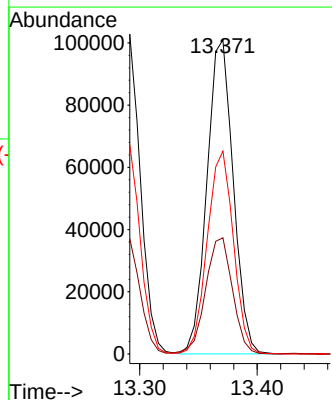
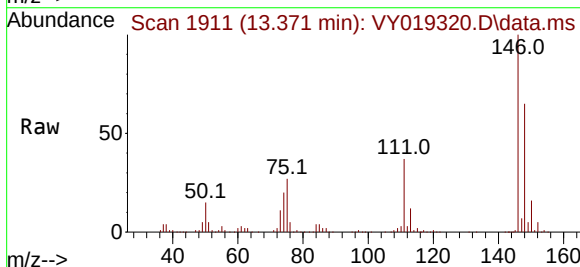
Tgt Ion:146 Resp: 157067

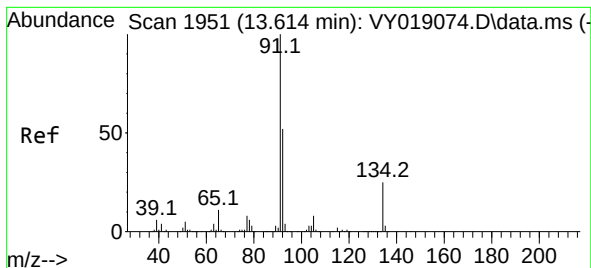
Ion Ratio Lower Upper

146 100

111 38.0 18.4 55.4

148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 48.761 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

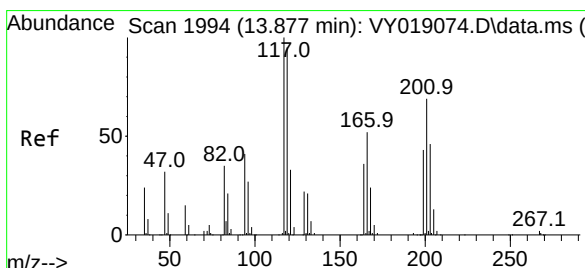
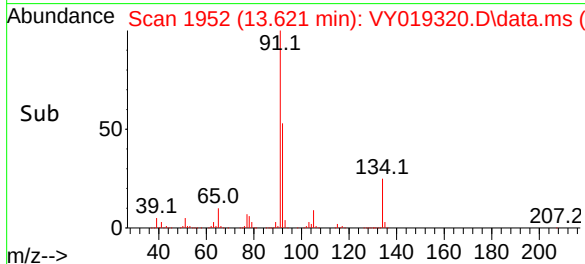
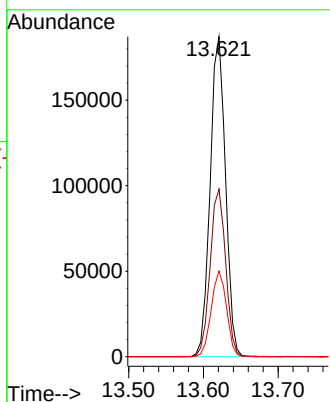
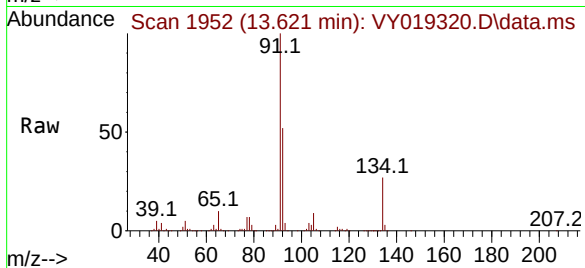
Tgt Ion: 91 Resp: 267215

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 26.6 12.9 38.7



#90

Hexachloroethane

Concen: 50.899 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019320.D

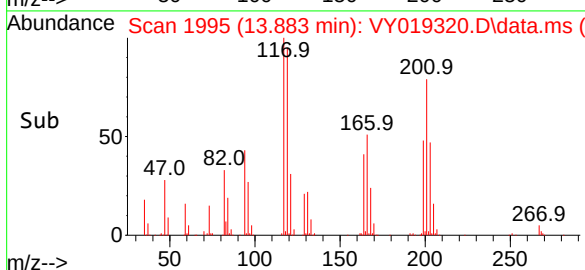
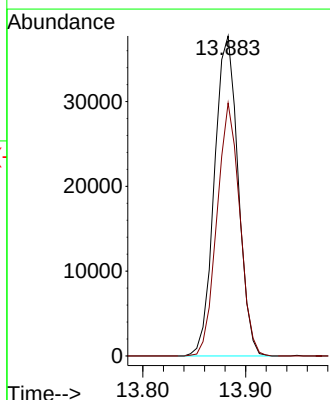
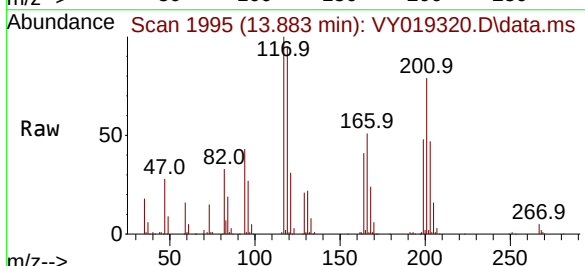
Acq: 28 Aug 2024 07:24

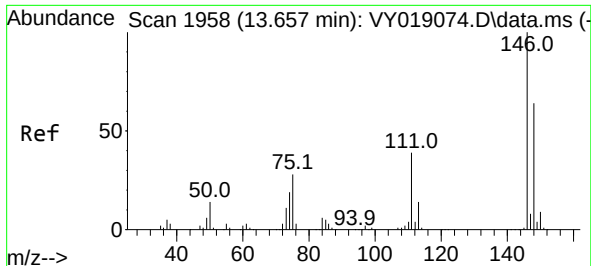
Tgt Ion: 117 Resp: 60303

Ion Ratio Lower Upper

117 100

201 75.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.590 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

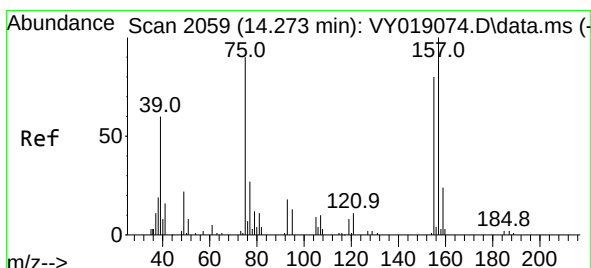
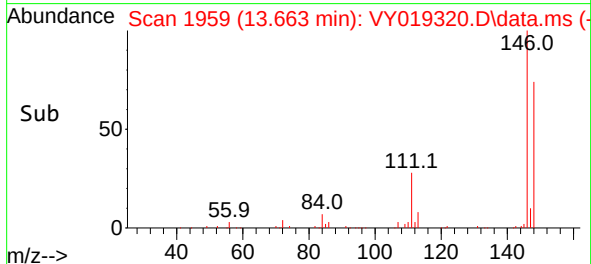
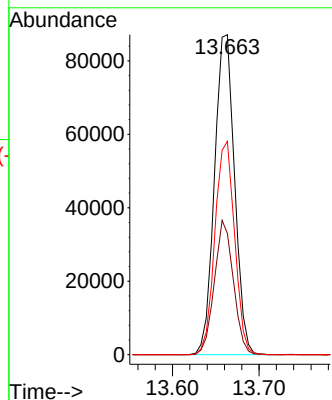
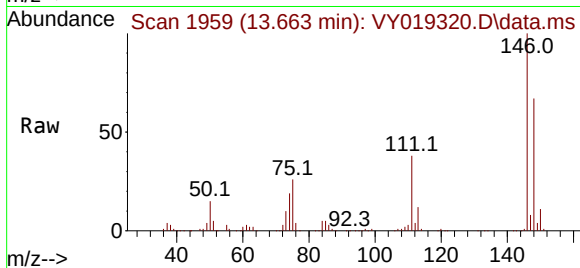
Tgt Ion:146 Resp: 140661

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

148 65.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.973 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

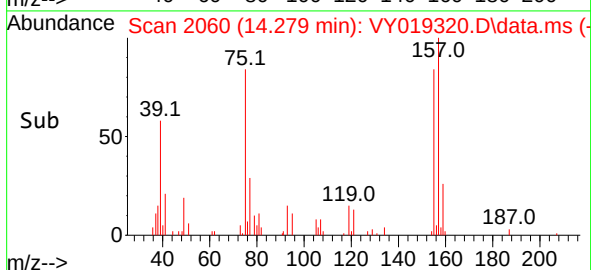
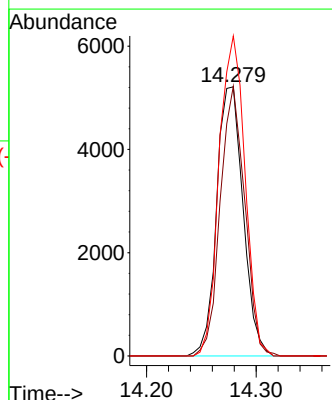
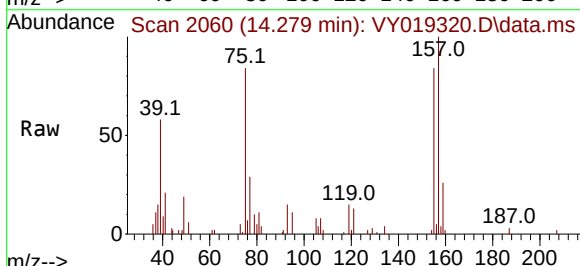
Tgt Ion: 75 Resp: 8736

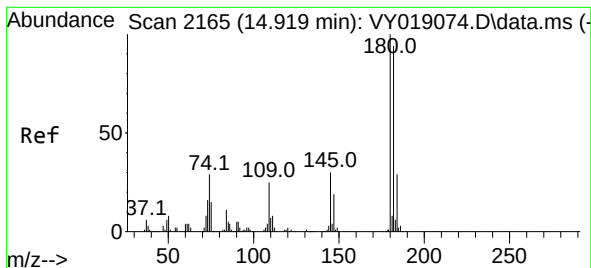
Ion Ratio Lower Upper

75 100

155 92.7 48.6 145.8

157 116.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 47.811 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :

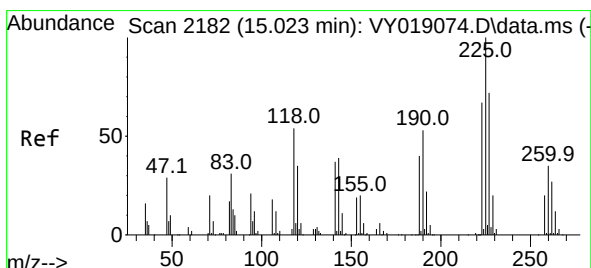
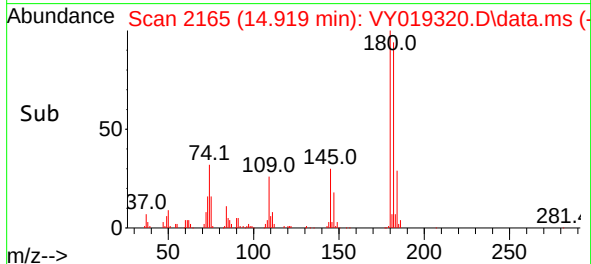
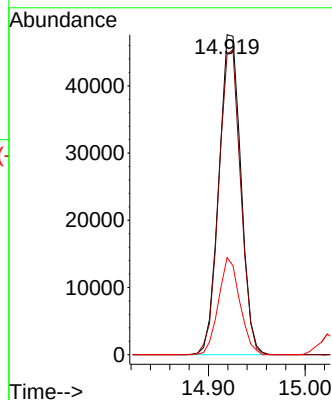
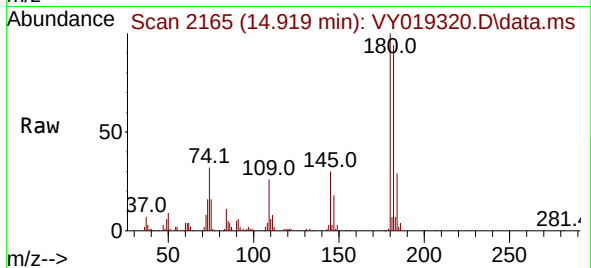
Tgt Ion:180 Resp: 74968

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.8

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.786 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

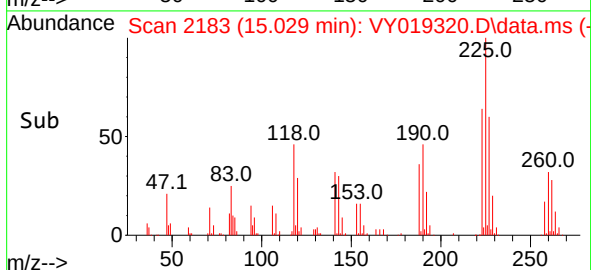
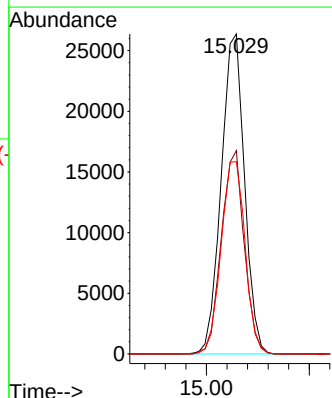
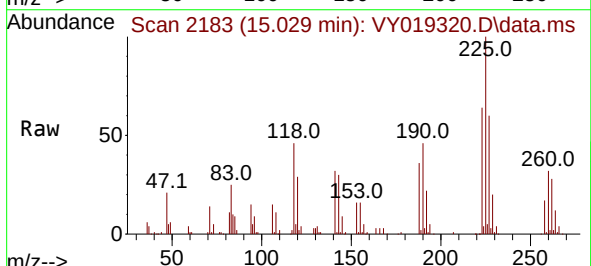
Tgt Ion:225 Resp: 41478

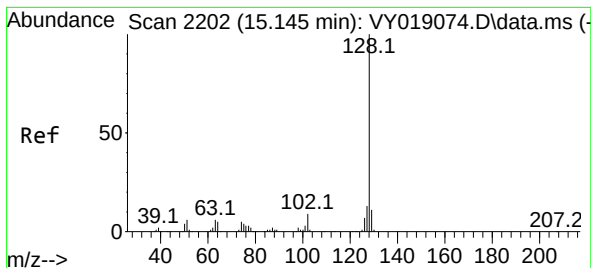
Ion Ratio Lower Upper

225 100

223 62.4 30.4 91.2

227 62.1 31.9 95.9





#95

Naphthalene

Concen: 49.233 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

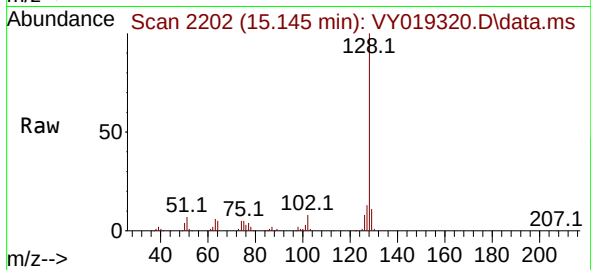
Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Instrument :

MSVOA_Y

ClientSampleId :



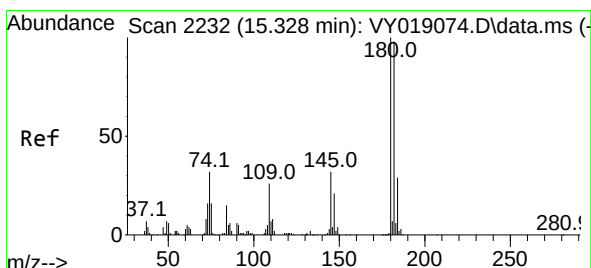
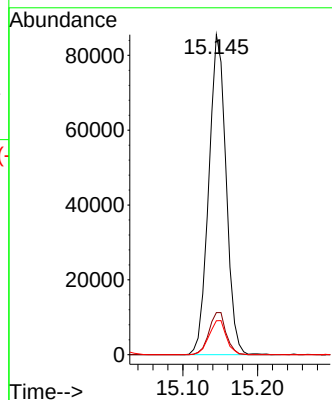
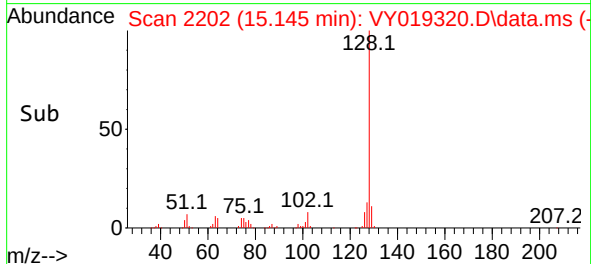
Tgt Ion:128 Resp: 137774

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.325 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019320.D

Acq: 28 Aug 2024 07:24

Tgt Ion:180 Resp: 65231

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 31.9 15.4 46.1

