

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019191.D
 Acq On : 22 Aug 2024 01:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 03:46:16 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	7.707	168	132896	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.609	114	216735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	191813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	94816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	67673	50.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.600%	
35) Dibromofluoromethane	7.628	113	63231	44.619	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.240%	
50) Toluene-d8	10.103	98	248885	48.803	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.600%	
62) 4-Bromofluorobenzene	12.408	95	83799	48.201	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	45882	47.057	ug/l	98
3) Chloromethane	2.068	50	74098	42.162	ug/l	99
4) Vinyl Chloride	2.202	62	89620	41.283	ug/l	99
5) Bromomethane	2.592	94	61804	46.175	ug/l	98
6) Chloroethane	2.732	64	57530	40.920	ug/l	98
7) Trichlorofluoromethane	3.049	101	134601	41.011	ug/l	96
8) Diethyl Ether	3.446	74	32960	46.525	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	67135	46.011	ug/l	98
10) Methyl Iodide	4.000	142	75012	52.449	ug/l	92
11) Tert butyl alcohol	4.830	59	14589	104.375	ug/l #	57
12) 1,1-Dichloroethene	3.787	96	63351	47.789	ug/l	98
13) Acrolein	3.647	56	18601	180.429	ug/l	97
14) Allyl chloride	4.378	41	90744	51.486	ug/l	91
15) Acrylonitrile	5.043	53	71987	248.340	ug/l	97
16) Acetone	3.860	43	56076	226.976	ug/l	88
17) Carbon Disulfide	4.098	76	178810	47.823	ug/l	98
18) Methyl Acetate	4.378	43	37698	49.718	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	160993	50.093	ug/l	97
20) Methylene Chloride	4.610	84	75718	49.182	ug/l	94
21) trans-1,2-Dichloroethene	5.104	96	72499	48.952	ug/l	98
22) Diisopropyl ether	6.012	45	209397	51.898	ug/l	94
23) Vinyl Acetate	5.951	43	773220	242.055	ug/l	97
24) 1,1-Dichloroethane	5.909	63	121850	49.383	ug/l	96
25) 2-Butanone	6.878	43	92314	232.016	ug/l #	87
26) 2,2-Dichloropropane	6.878	77	91885	45.986	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	84179	48.298	ug/l	98
28) Bromochloromethane	7.238	49	53495	51.683	ug/l	95
29) Tetrahydrofuran	7.256	42	63725	249.154	ug/l	91
30) Chloroform	7.415	83	136587	49.677	ug/l	97
31) Cyclohexane	7.689	56	92788	48.570	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	117635	48.684	ug/l	99
36) 1,1-Dichloropropene	7.829	75	93910	48.258	ug/l	98
37) Ethyl Acetate	6.976	43	43643	50.620	ug/l	96
38) Carbon Tetrachloride	7.811	117	113247	50.216	ug/l	96
39) Methylcyclohexane	9.103	83	114769	45.958	ug/l	96
40) Benzene	8.073	78	290534	48.680	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	61108	129.857	ug/l	# 26
42) 1,2-Dichloroethane	8.152	62	82407	51.131	ug/l	95
43) Isopropyl Acetate	8.189	43	87961	50.447	ug/l	91
44) Trichloroethene	8.859	130	77302	46.419	ug/l	100
45) 1,2-Dichloropropane	9.140	63	62986	47.367	ug/l	97
46) Dibromomethane	9.231	93	40741	47.238	ug/l	99
47) Bromodichloromethane	9.420	83	105112	49.676	ug/l	98
48) Methyl methacrylate	9.219	41	40039	51.525	ug/l	86
49) 1,4-Dioxane	9.219	88	9451	904.612	ug/l	# 96
51) 4-Methyl-2-Pentanone	9.999	43	237401	256.524	ug/l	91
52) Toluene	10.170	92	194854	49.737	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	87688	49.957	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	100705	47.706	ug/l	# 89
55) 1,1,2-Trichloroethane	10.572	97	53184	47.901	ug/l	97
56) Ethyl methacrylate	10.438	69	71231	49.015	ug/l	# 79
57) 1,3-Dichloropropane	10.719	76	88558	48.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	155687	225.822	ug/l	98
59) 2-Hexanone	10.761	43	159841	251.400	ug/l	89
60) Dibromochloromethane	10.914	129	73762	48.777	ug/l	99
61) 1,2-Dibromoethane	11.018	107	50662	47.210	ug/l	98
64) Tetrachloroethene	10.646	164	80693	48.129	ug/l	97
65) Chlorobenzene	11.444	112	209783	47.497	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	74802	48.159	ug/l	98
67) Ethyl Benzene	11.517	91	372382	48.576	ug/l	99
68) m/p-Xylenes	11.627	106	292684	96.221	ug/l	99
69) o-Xylene	11.956	106	136761	48.551	ug/l	99
70) Styrene	11.969	104	236434	49.221	ug/l	98
71) Bromoform	12.133	173	42507	47.874	ug/l	# 98
73) Isopropylbenzene	12.255	105	356580	49.067	ug/l	99
74) N-amyl acetate	12.072	43	80732	50.946	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.511	83	57457	44.410	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	75176	80.397	ug/l	# 100
77) Bromobenzene	12.536	156	84190	48.239	ug/l	97
78) n-propylbenzene	12.597	91	411766	47.398	ug/l	99
79) 2-Chlorotoluene	12.682	91	237105	48.681	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	264001	44.593	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	17328	45.767	ug/l	86
82) 4-Chlorotoluene	12.779	91	226899	44.777	ug/l	99
83) tert-Butylbenzene	12.999	119	243855	44.603	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	264462	44.821	ug/l	100
85) sec-Butylbenzene	13.176	105	354356	44.477	ug/l	99
86) p-Isopropyltoluene	13.292	119	306302	46.805	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	160910	46.750	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	158953	46.459	ug/l	98
89) n-Butylbenzene	13.621	91	272677	45.702	ug/l	99
90) Hexachloroethane	13.883	117	60985	47.279	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	142597	47.106	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8962	47.087	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	75477	44.213	ug/l	96
94) Hexachlorobutadiene	15.029	225	42627	47.939	ug/l	99
95) Naphthalene	15.145	128	141024	46.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	63779	44.296	ug/l	99

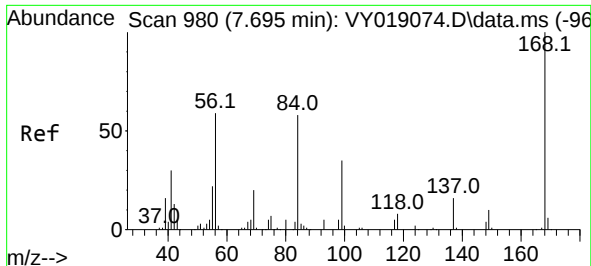
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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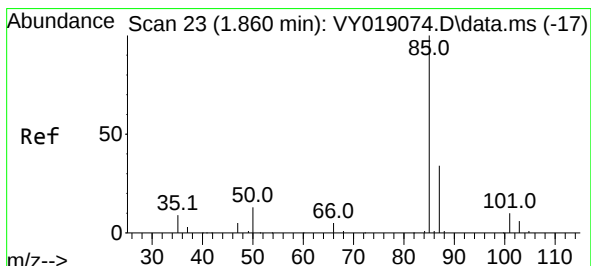
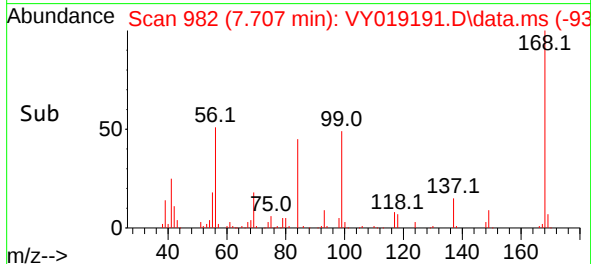
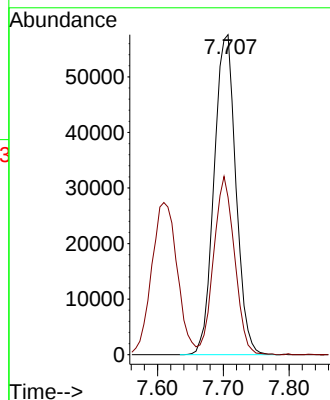
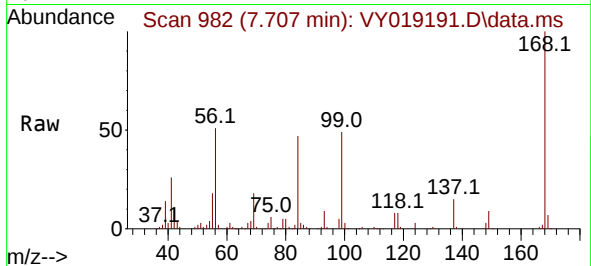
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

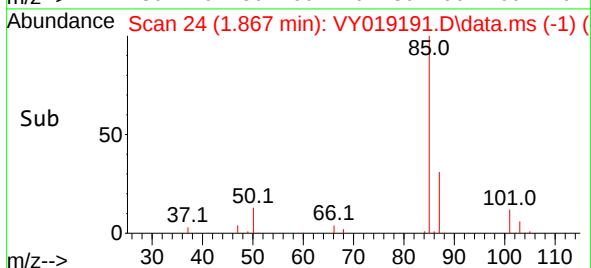
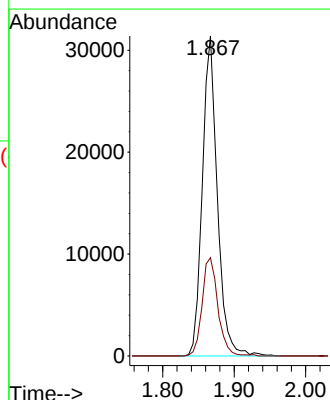
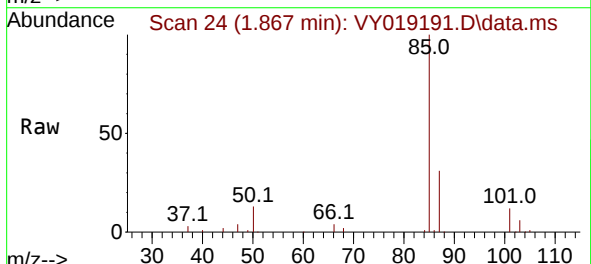
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 132896
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.057 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 85 Resp: 45882
Ion Ratio Lower Upper
85 100
87 30.7 16.0 48.0

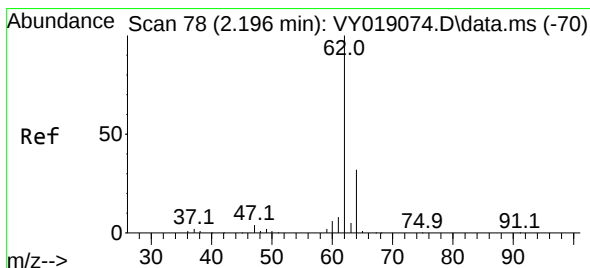
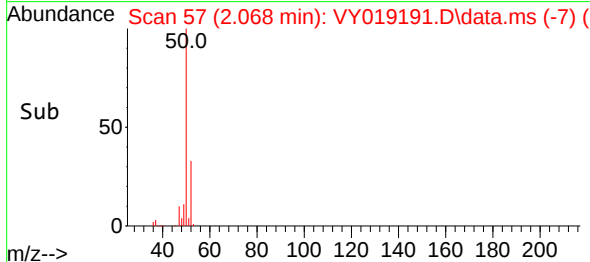
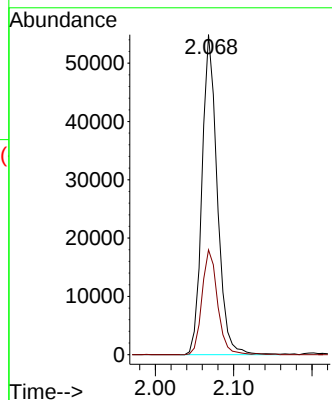
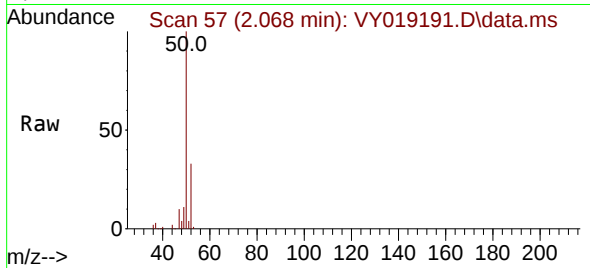




#3
Chloromethane
Concen: 42.162 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

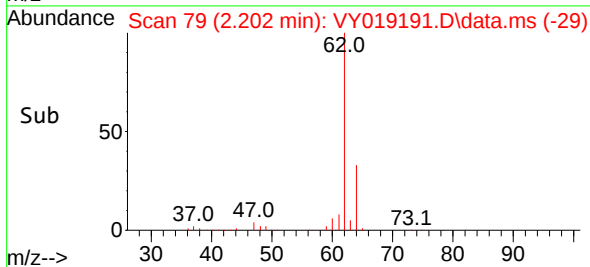
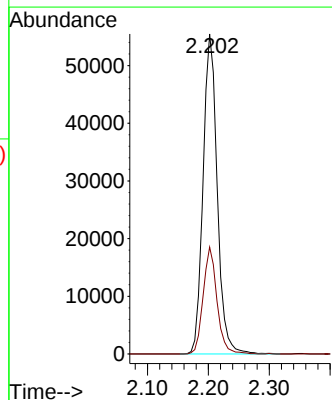
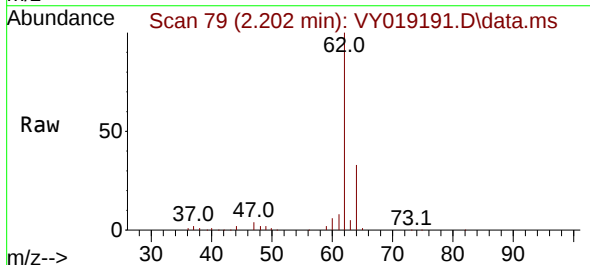
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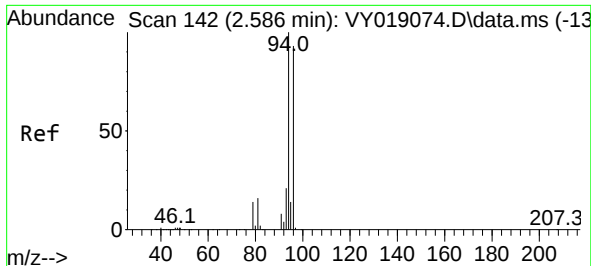
Tgt Ion: 50 Resp: 74098
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 41.283 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 62 Resp: 89620
Ion Ratio Lower Upper
62 100
64 33.4 26.1 39.1

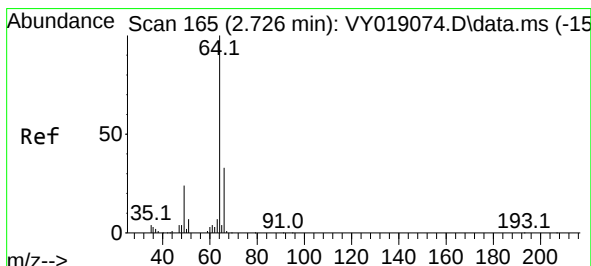
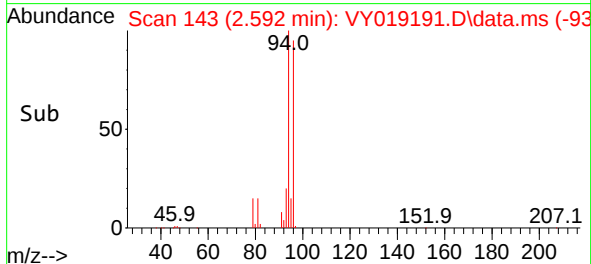
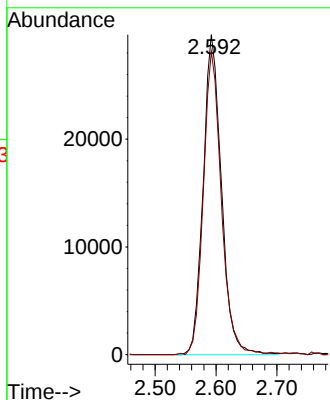
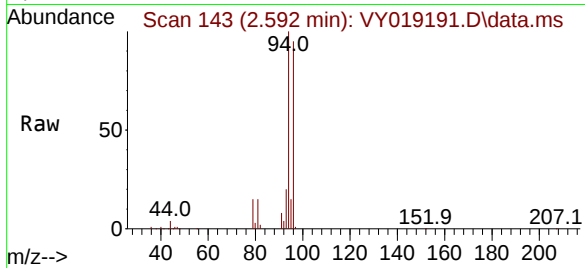




#5
Bromomethane
Concen: 46.175 ug/l
RT: 2.592 min Scan# 142
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

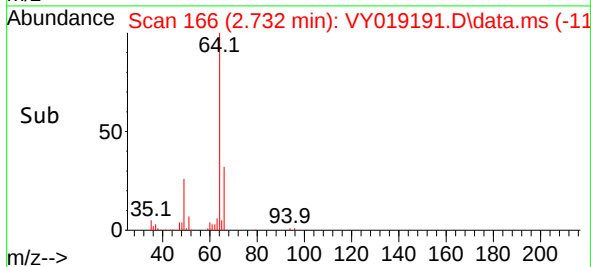
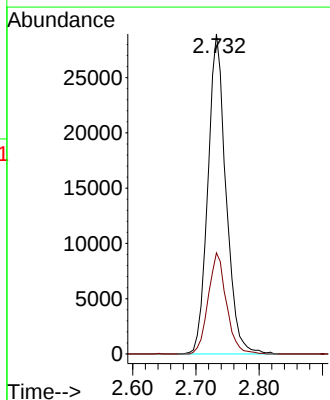
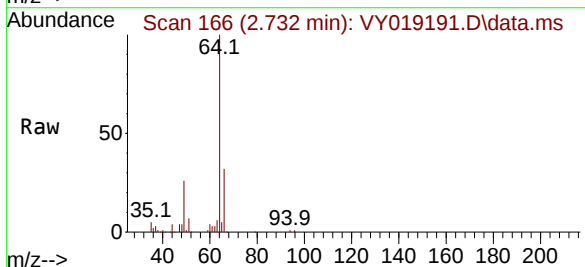
Instrument :
MSVOA_Y
ClientSampleId :

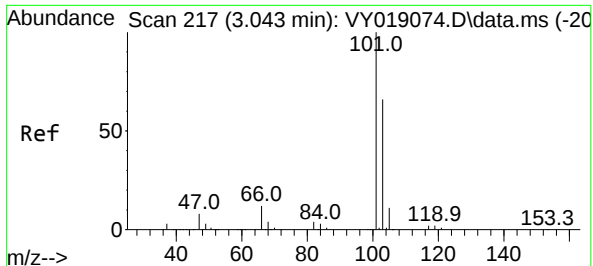
Tgt Ion: 94 Resp: 61804
Ion Ratio Lower Upper
94 100
96 94.5 74.1 111.1



#6
Chloroethane
Concen: 40.920 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 64 Resp: 57530
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1

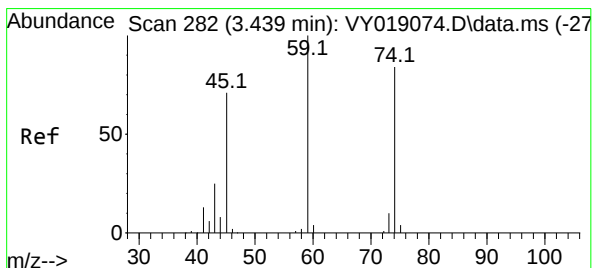
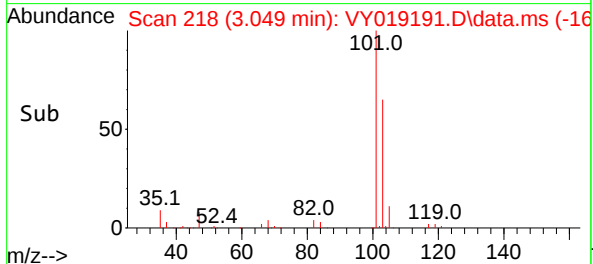
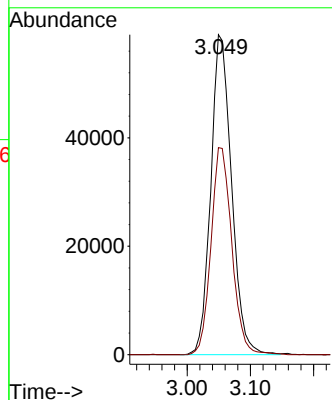
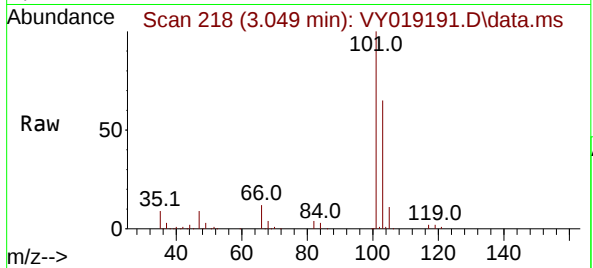




#7
 Trichlorofluoromethane
 Concen: 41.011 ug/l
 RT: 3.049 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019191.D
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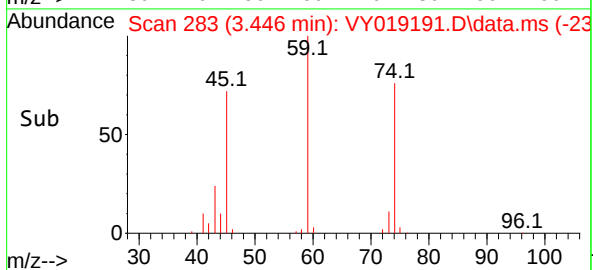
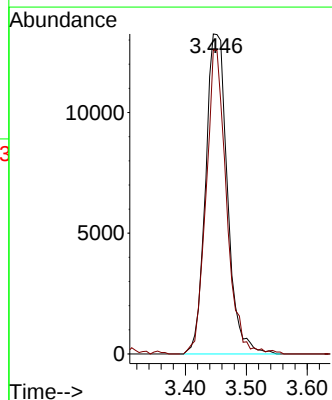
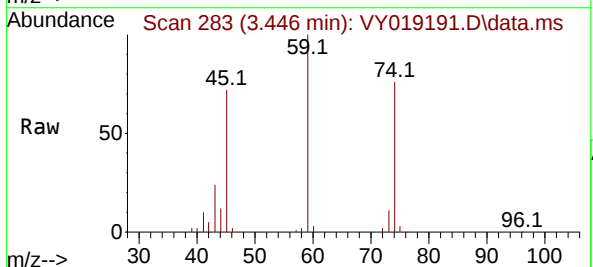
Instrument :
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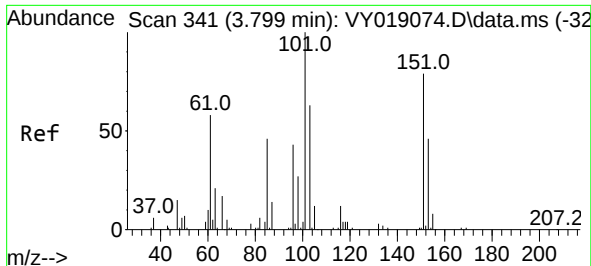
Tgt Ion:101 Resp: 134601
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 46.525 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019191.D
 Acq: 22 Aug 2024 01:25

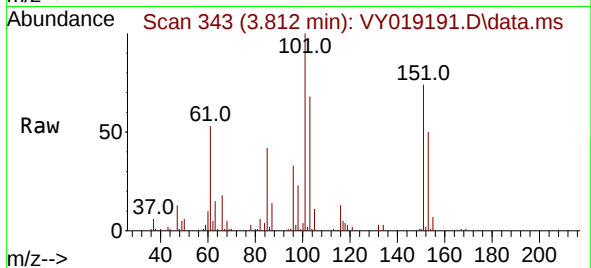
Tgt Ion: 74 Resp: 32960
 Ion Ratio Lower Upper
 74 100
 45 89.1 41.3 124.1



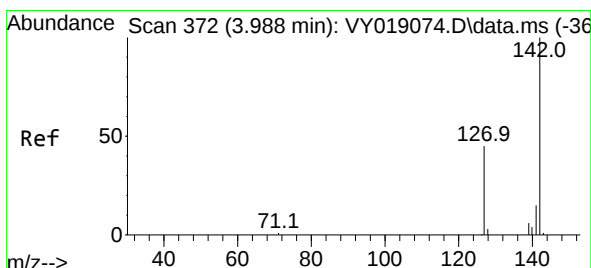
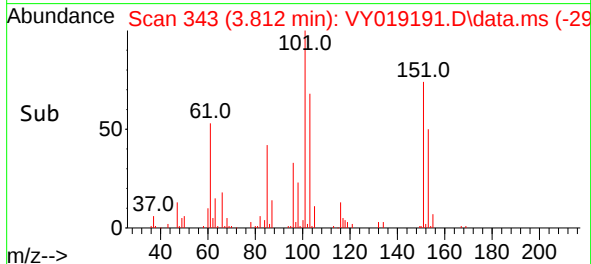
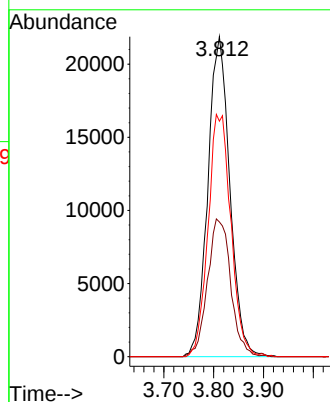


#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.011 ug/l
RT: 3.812 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY019191.D
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Instrument :
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ClientSampleId :

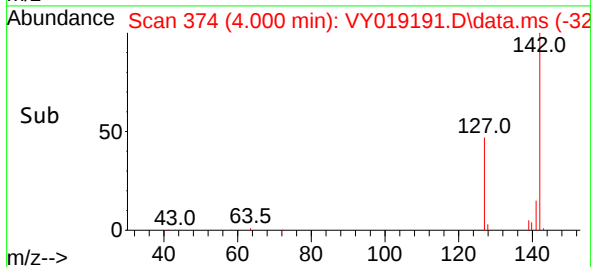
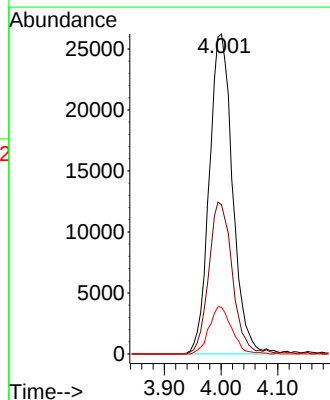
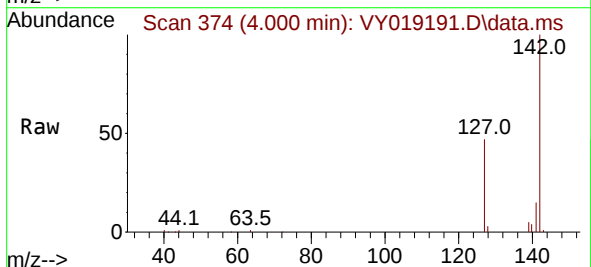


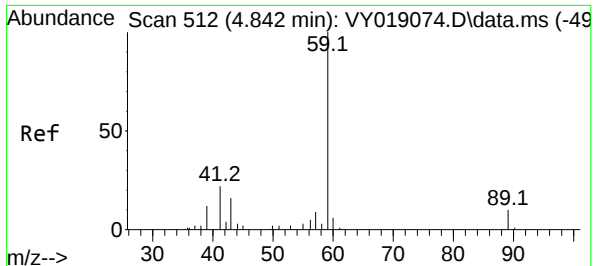
Tgt Ion:101 Resp: 67135
Ion Ratio Lower Upper
101 100
85 45.4 34.5 51.7
151 78.6 61.7 92.5



#10
Methyl Iodide
Concen: 52.449 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

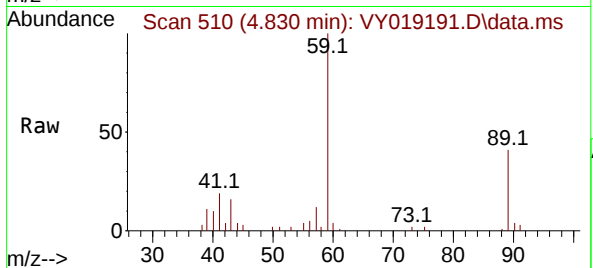
Tgt Ion:142 Resp: 75012
Ion Ratio Lower Upper
142 100
127 48.0 32.8 49.2
141 14.4 11.4 17.2



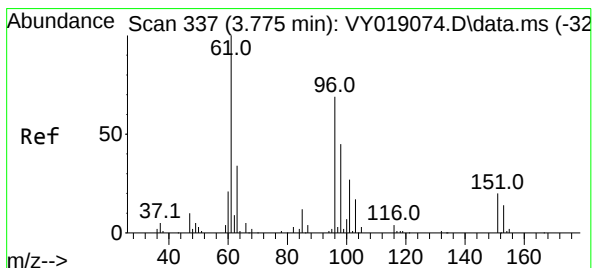
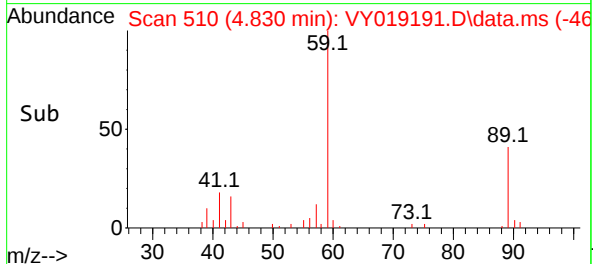
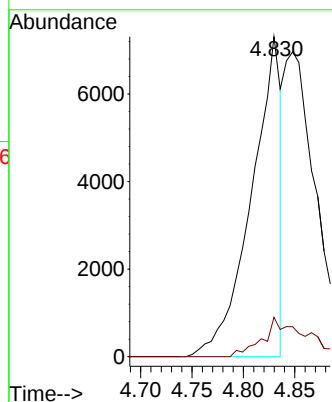


#11
Tert butyl alcohol
Concen: 104.375 ug/l
RT: 4.830 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Instrument :
MSVOA_Y
ClientSampleId :

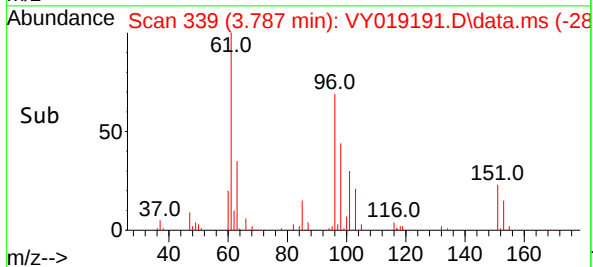
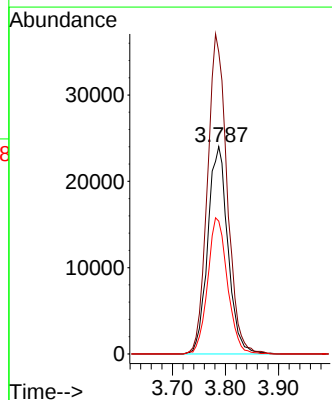
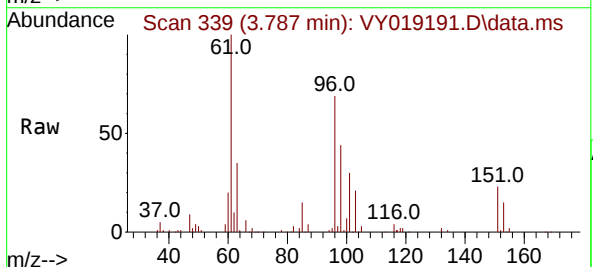


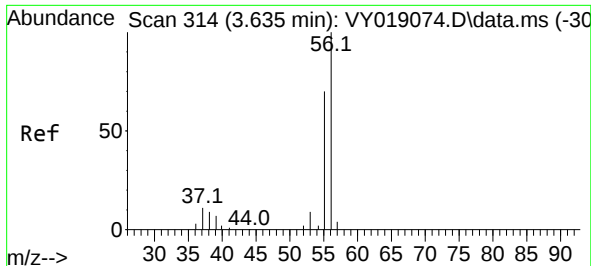
Tgt Ion: 59 Resp: 14589
Ion Ratio Lower Upper
59 100
57 17.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 47.789 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.012 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 96 Resp: 63351
Ion Ratio Lower Upper
96 100
61 145.5 114.6 171.8
98 64.0 50.8 76.2





#13

Acrolein

Concen: 180.429 ug/l

RT: 3.647 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

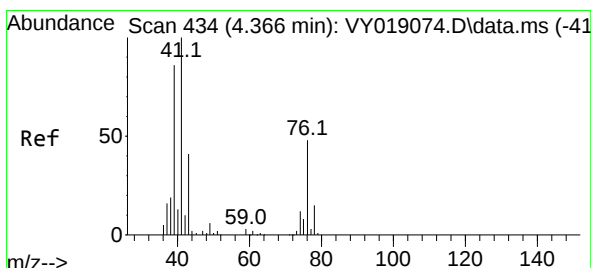
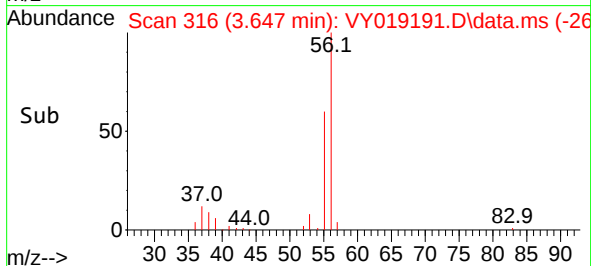
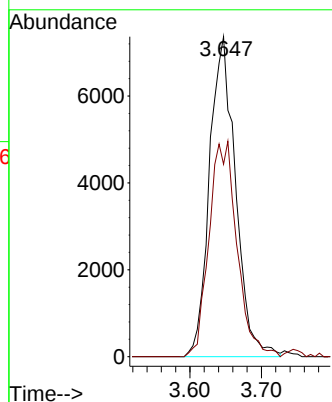
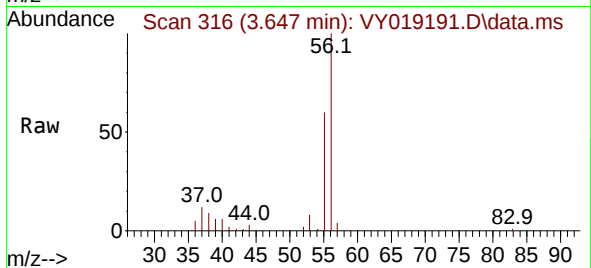
ClientSampleId :

Tgt Ion: 56 Resp: 18601

Ion Ratio Lower Upper

56 100

55 72.3 55.7 83.5



#14

Allyl chloride

Concen: 51.486 ug/l

RT: 4.378 min Scan# 436

Delta R.T. 0.012 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

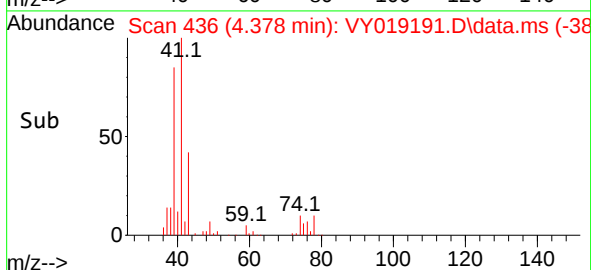
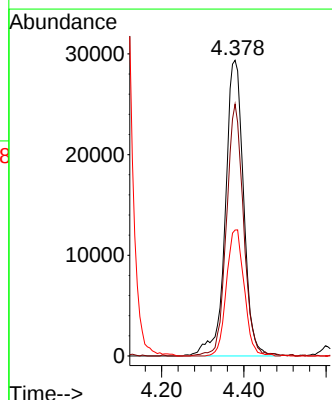
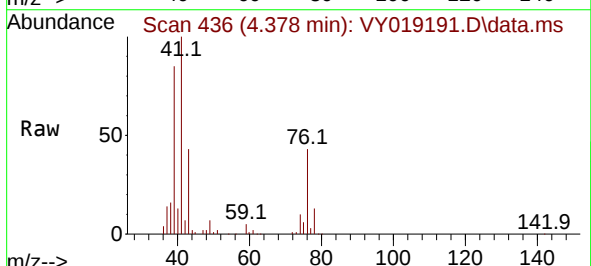
Tgt Ion: 41 Resp: 90744

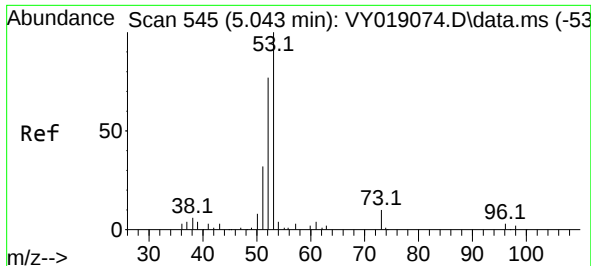
Ion Ratio Lower Upper

41 100

39 79.6 58.3 87.5

76 41.4 39.0 58.6

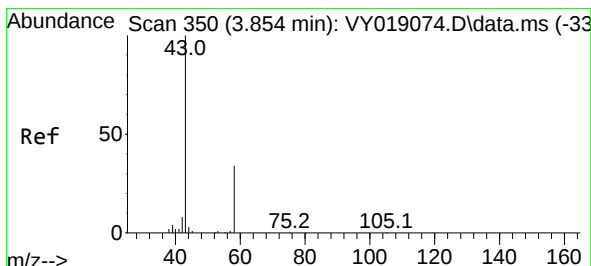
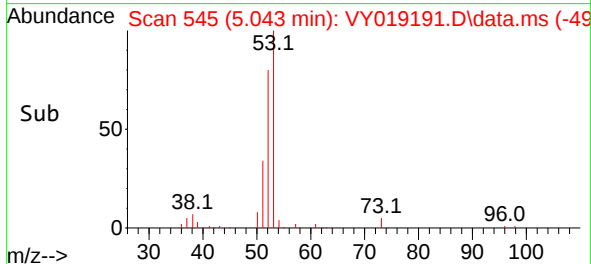
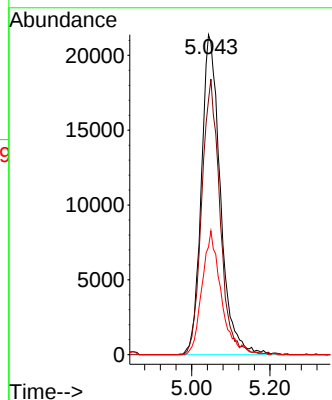
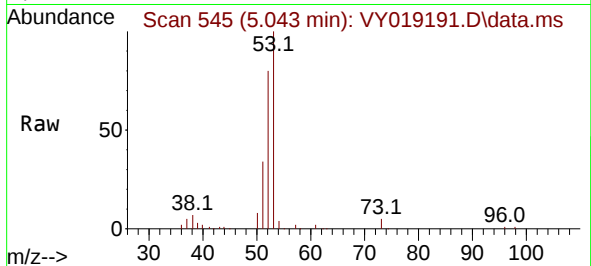




#15
Acrylonitrile
Concen: 248.340 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

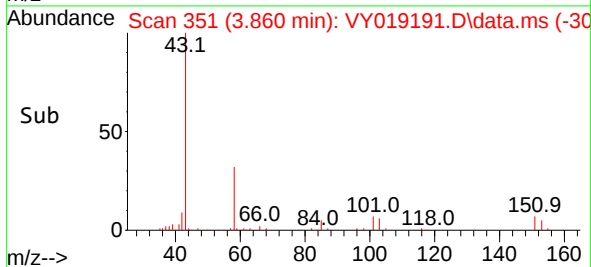
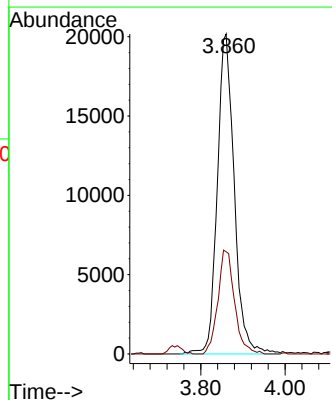
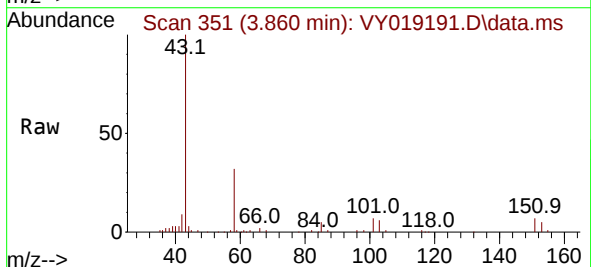
Instrument :
MSVOA_Y
ClientSampleId :

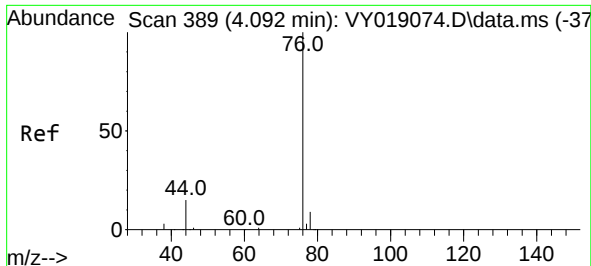
Tgt Ion: 53	Resp: 71987
Ion Ratio	Lower Upper
53 100	
52 82.7	64.7 97.1
51 39.0	28.4 42.6



#16
Acetone
Concen: 226.976 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 43	Resp: 56076
Ion Ratio	Lower Upper
43 100	
58 32.0	31.7 47.5

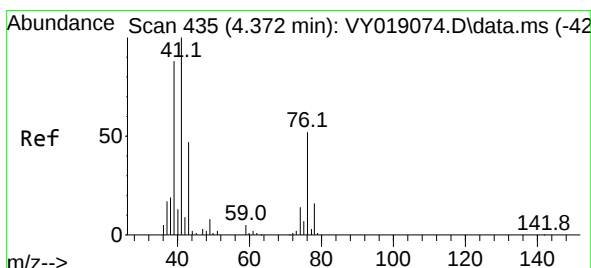
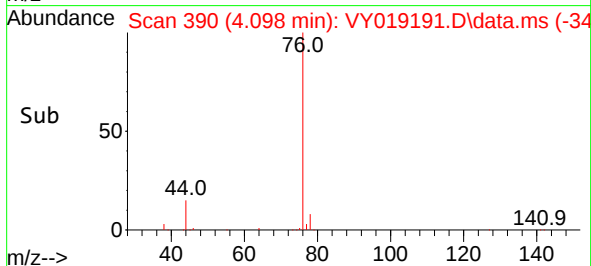
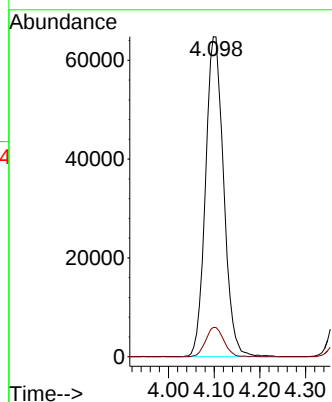
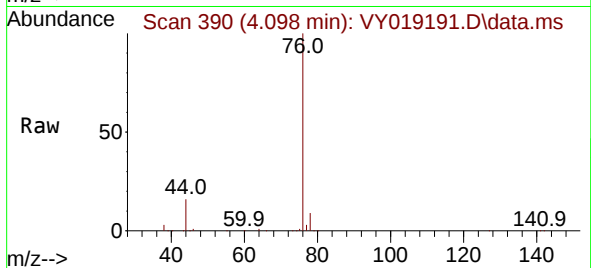




#17
Carbon Disulfide
Concen: 47.823 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

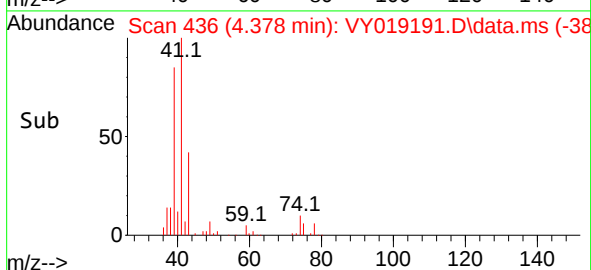
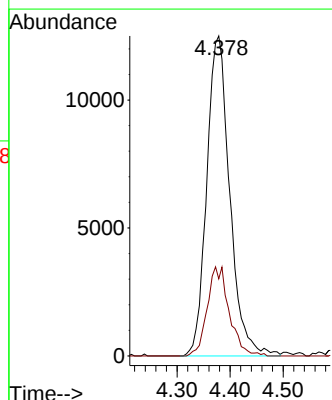
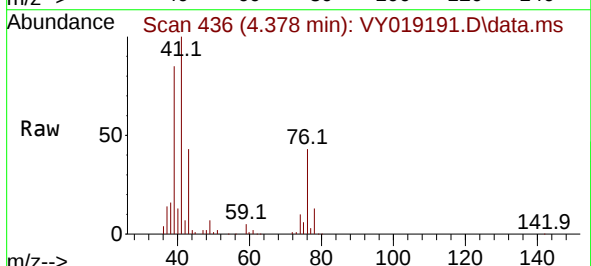
Instrument :
MSVOA_Y
ClientSampleId :

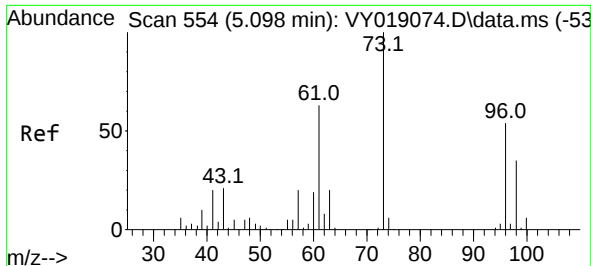
Tgt Ion: 76 Resp: 178810
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 49.718 ug/l
RT: 4.378 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 43 Resp: 37698
Ion Ratio Lower Upper
43 100
74 26.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 50.093 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

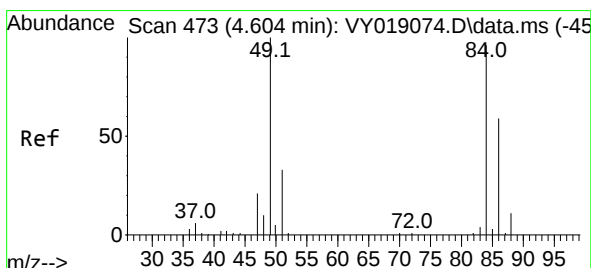
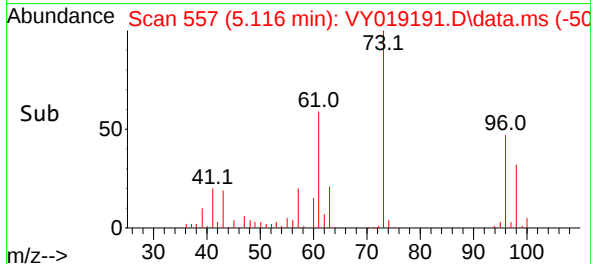
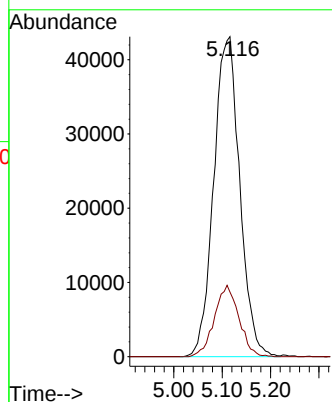
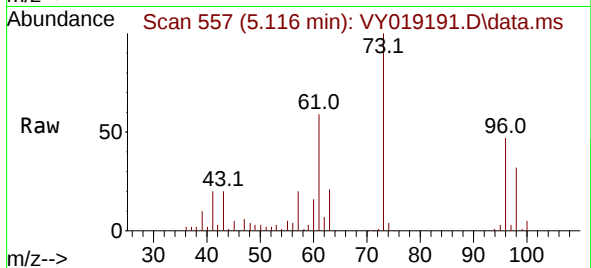
ClientSampleId :

Tgt Ion: 73 Resp: 160993

Ion Ratio Lower Upper

73 100

57 20.2 17.3 25.9



#20

Methylene Chloride

Concen: 49.182 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Tgt Ion: 84 Resp: 75718

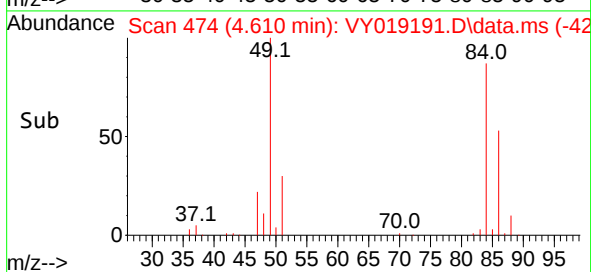
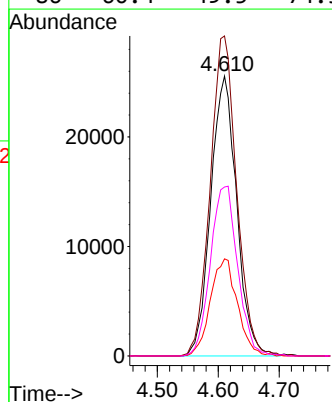
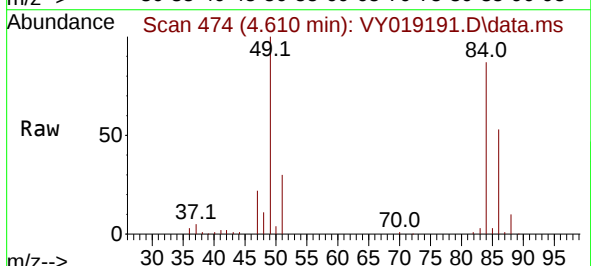
Ion Ratio Lower Upper

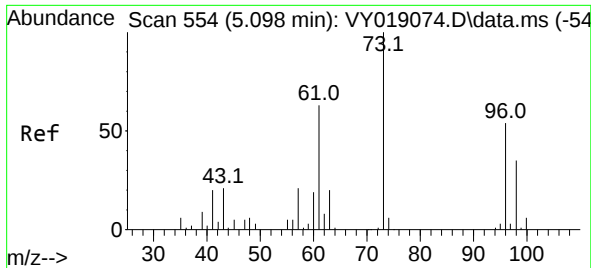
84 100

49 114.4 84.4 126.6

51 34.7 26.0 39.0

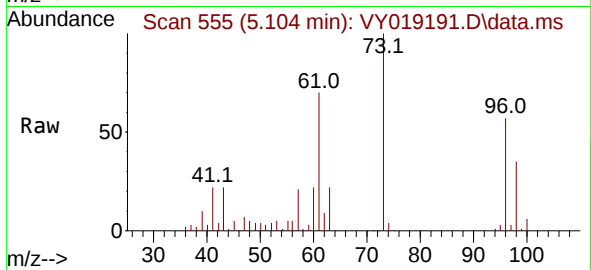
86 60.4 49.5 74.3



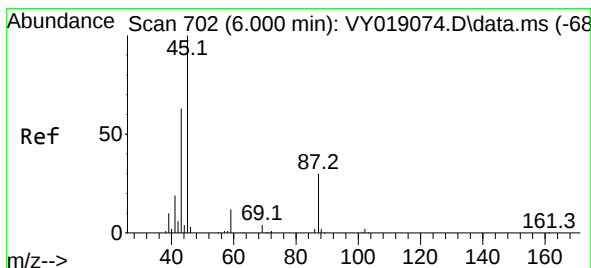
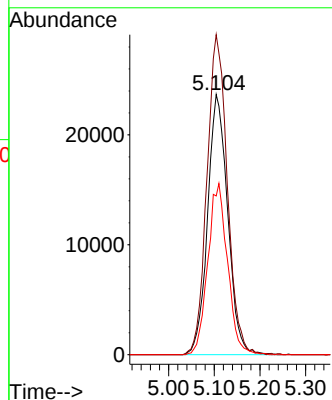
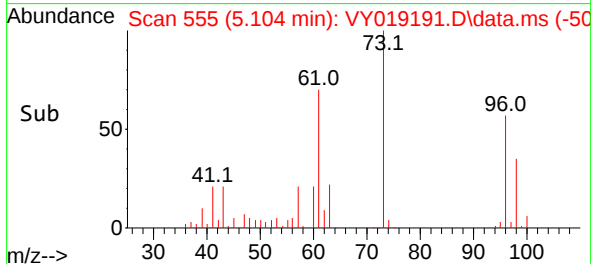


#21
trans-1,2-Dichloroethene
Concen: 48.952 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Instrument :
MSVOA_Y
ClientSampleId :

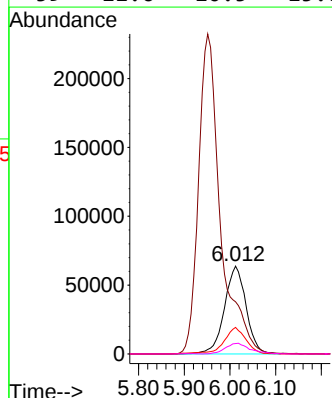
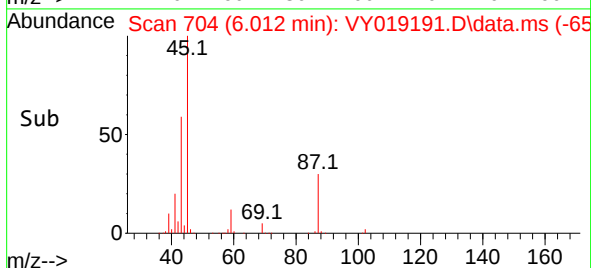
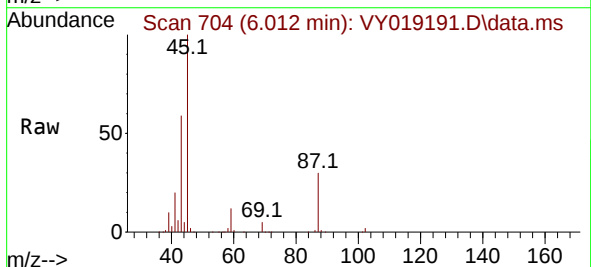


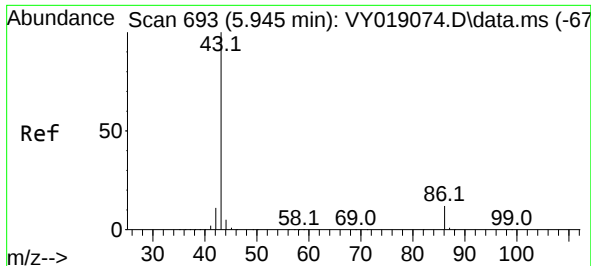
Tgt Ion: 96 Resp: 72499
Ion Ratio Lower Upper
96 100
61 123.0 97.5 146.3
98 61.0 50.5 75.7



#22
Diisopropyl ether
Concen: 51.898 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.012 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 45 Resp: 209397
Ion Ratio Lower Upper
45 100
43 58.6 42.2 63.2
87 30.2 25.0 37.6
59 11.6 10.5 15.7

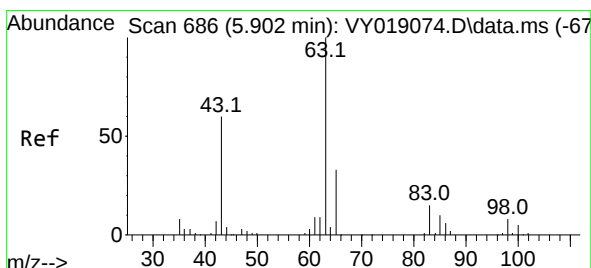
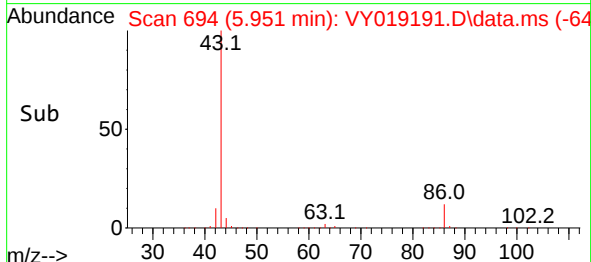
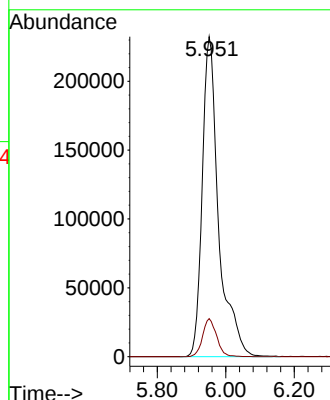
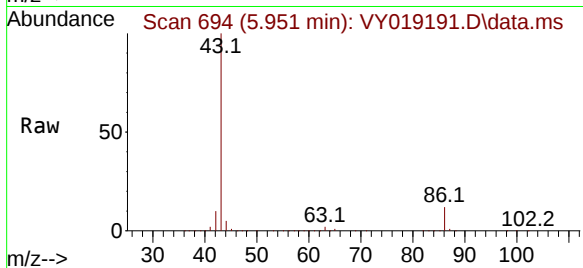




#23
 Vinyl Acetate
 Concen: 242.055 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY019191.D
 Acq: 22 Aug 2024 01:25

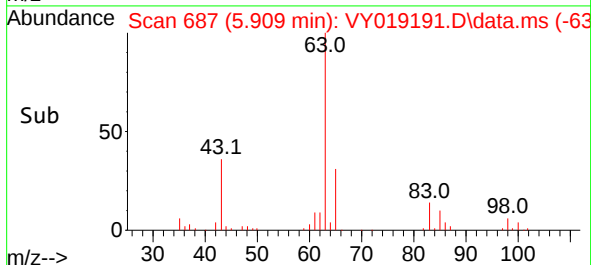
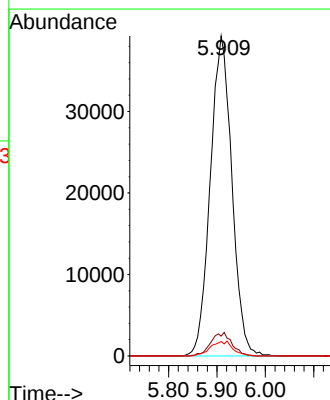
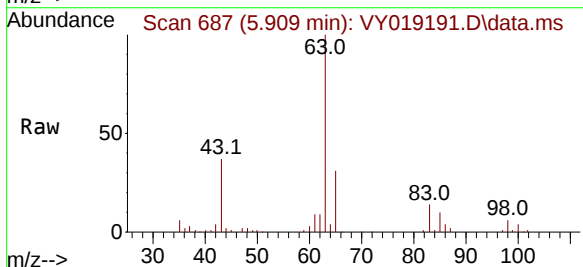
Instrument :
 MSVOA_Y
 ClientSampleId :

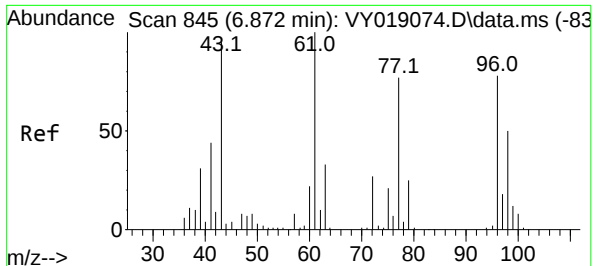
Tgt Ion: 43 Resp: 773220
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 49.383 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019191.D
 Acq: 22 Aug 2024 01:25

Tgt Ion: 63 Resp: 121850
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.0 12.2
 100 4.5 2.6 8.0

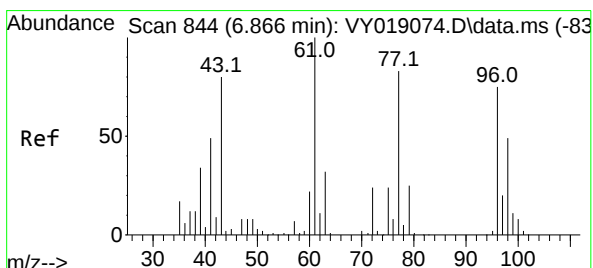
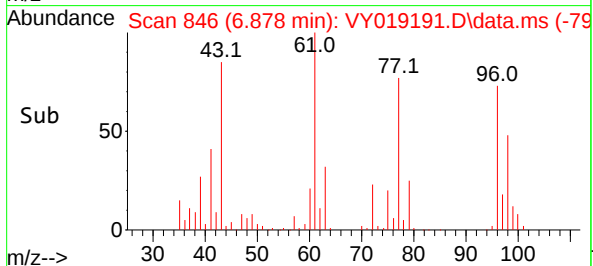
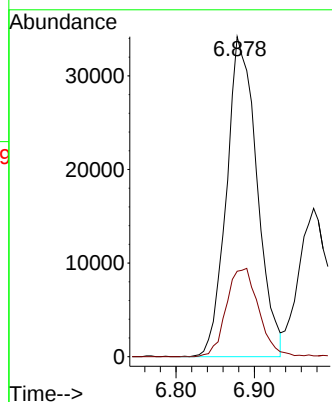
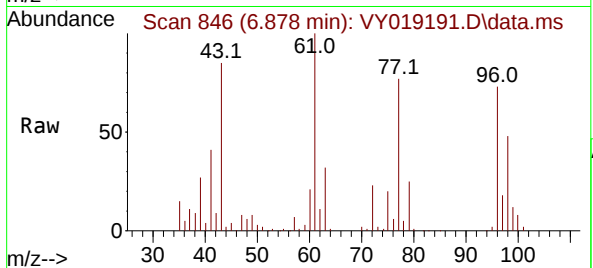




#25
2-Butanone
Concen: 232.016 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

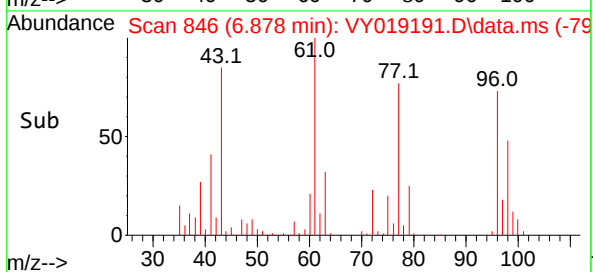
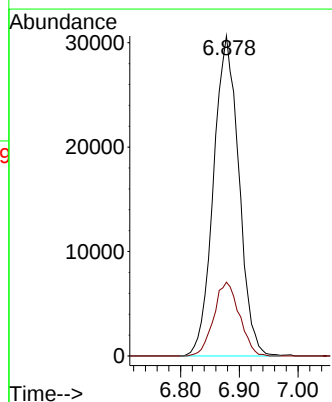
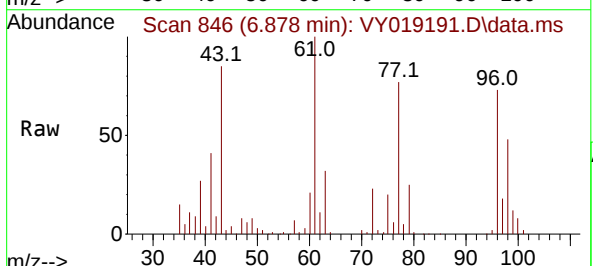
Instrument :
MSVOA_Y
ClientSampleId :

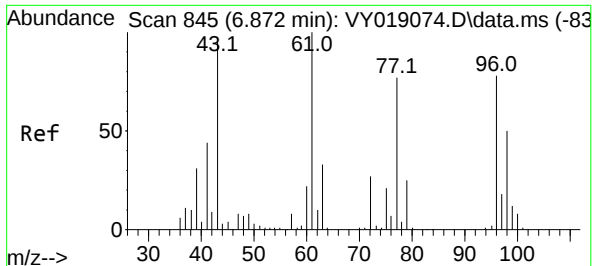
Tgt Ion: 43 Resp: 92314
Ion Ratio Lower Upper
43 100
72 26.7 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 45.986 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 77 Resp: 91885
Ion Ratio Lower Upper
77 100
97 23.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 48.298 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.012 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

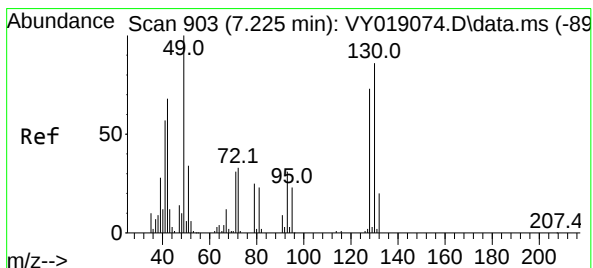
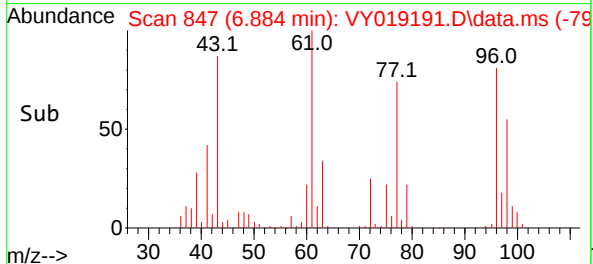
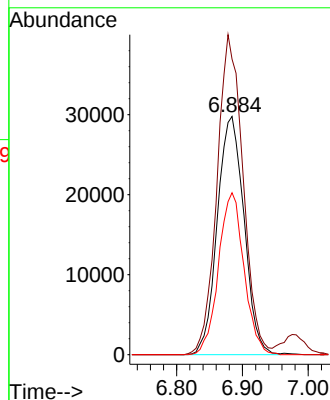
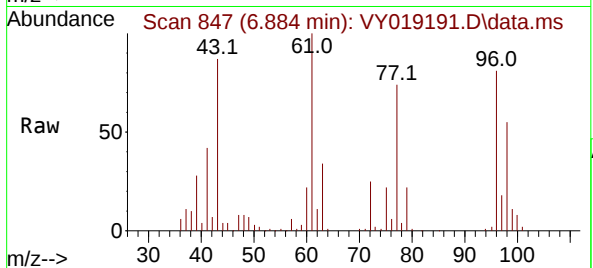
Tgt Ion: 96 Resp: 84179

Ion Ratio Lower Upper

96 100

61 131.1 0.0 256.2

98 64.9 0.0 130.0



#28

Bromochloromethane

Concen: 51.683 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

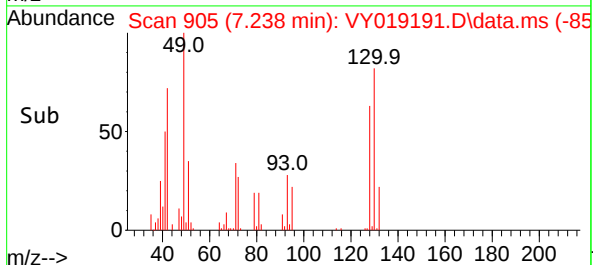
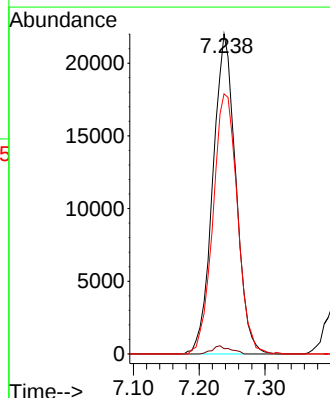
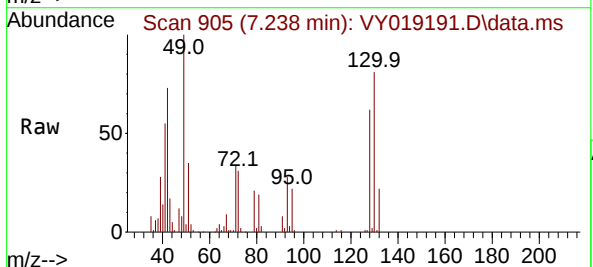
Tgt Ion: 49 Resp: 53495

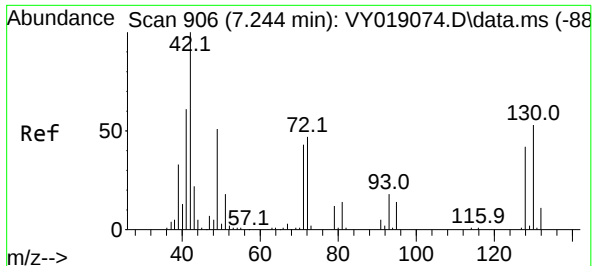
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 86.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 249.154 ug/l

RT: 7.256 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

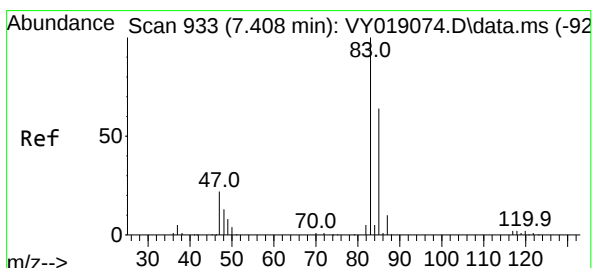
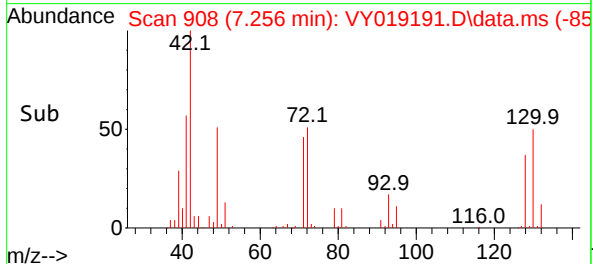
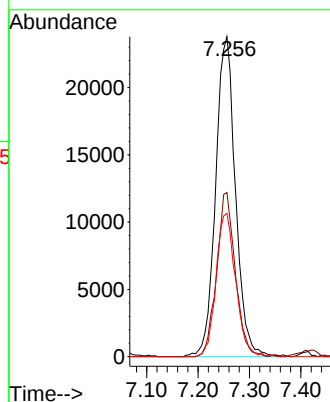
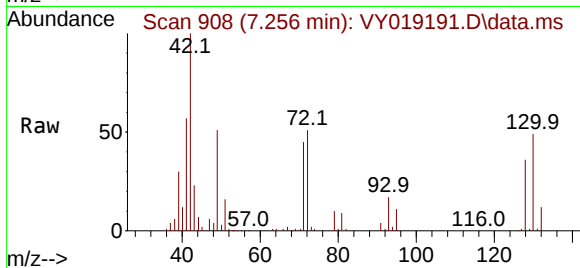
Tgt Ion: 42 Resp: 63725

Ion Ratio Lower Upper

42 100

72 48.1 43.0 64.4

71 44.4 40.8 61.2



#30

Chloroform

Concen: 49.677 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019191.D

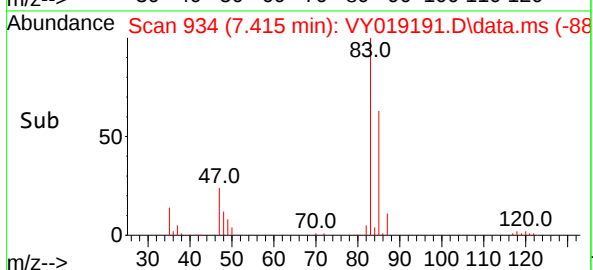
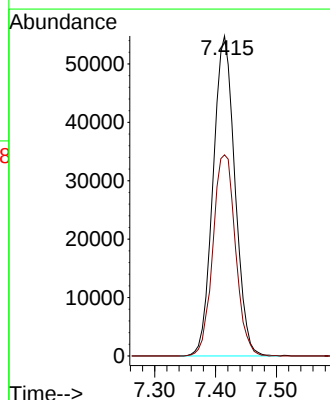
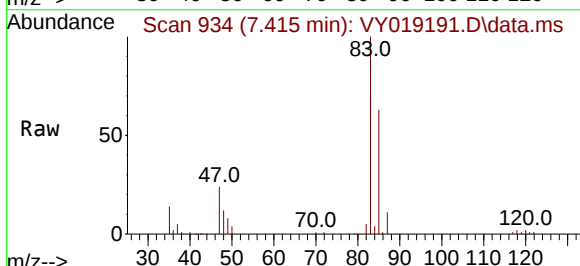
Acq: 22 Aug 2024 01:25

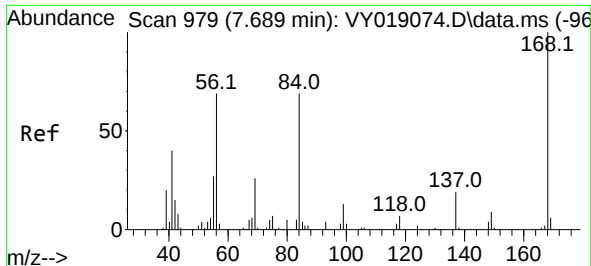
Tgt Ion: 83 Resp: 136587

Ion Ratio Lower Upper

83 100

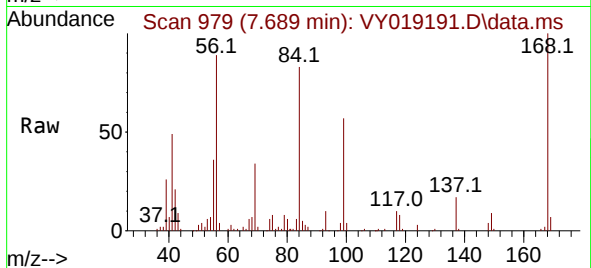
85 62.8 52.2 78.4



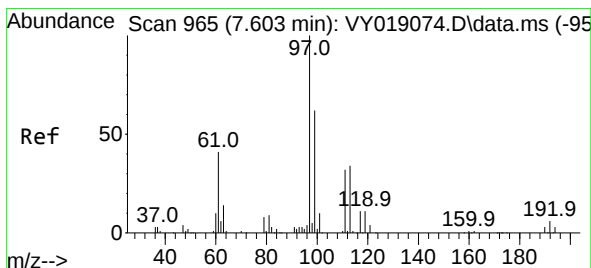
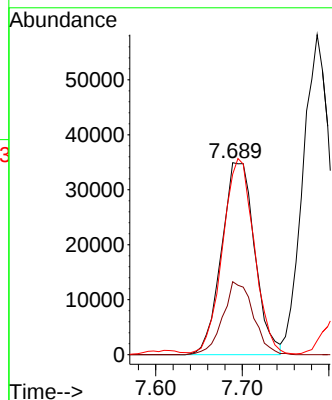
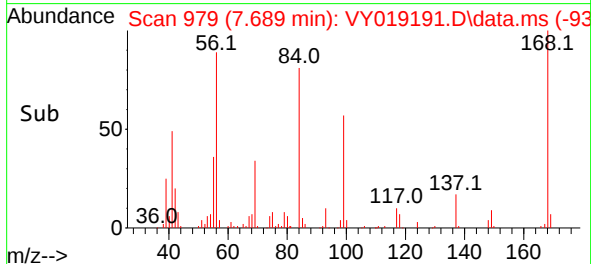


#31
Cyclohexane
Concen: 48.570 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

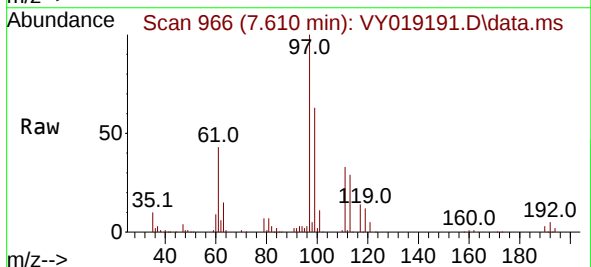
Instrument :
MSVOA_Y
ClientSampleId :



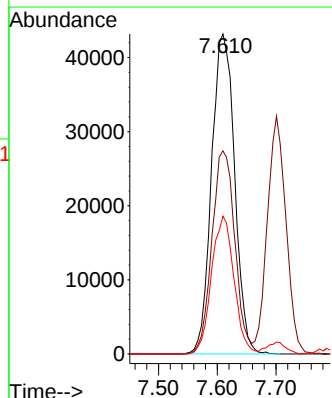
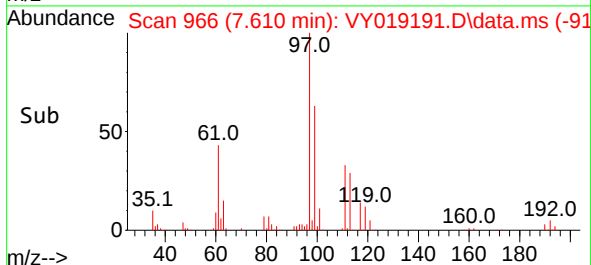
Tgt Ion: 56 Resp: 92788
Ion Ratio Lower Upper
56 100
69 38.0 28.7 43.1
84 92.7 77.7 116.5

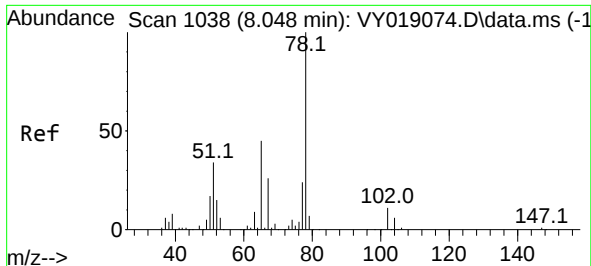


#32
1,1,1-Trichloroethane
Concen: 48.684 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25



Tgt Ion: 97 Resp: 117635
Ion Ratio Lower Upper
97 100
99 63.2 50.3 75.5
61 42.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.799 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

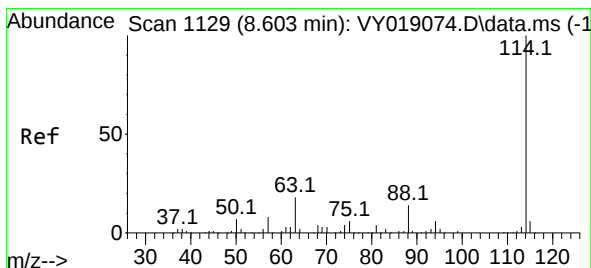
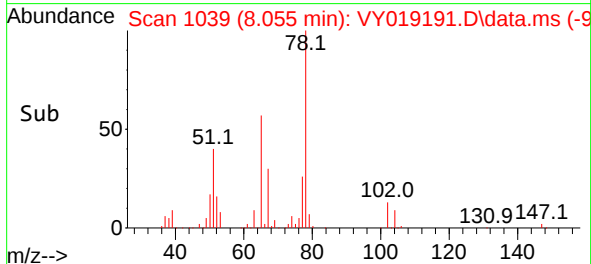
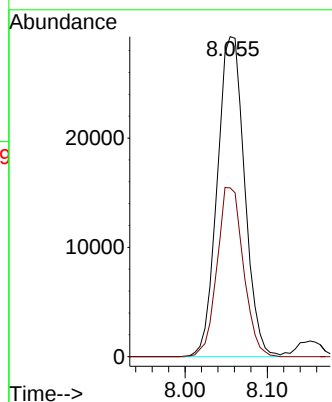
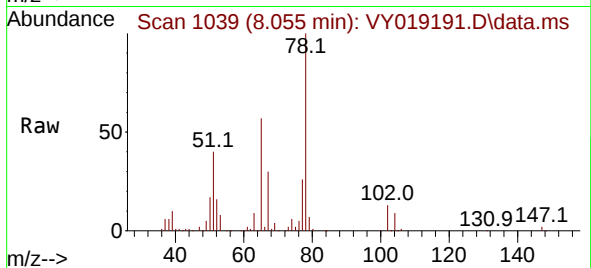
ClientSampleId :

Tgt Ion: 65 Resp: 67673

Ion Ratio Lower Upper

65 100

67 51.1 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: VY019191.D

Acq: 22 Aug 2024 01:25

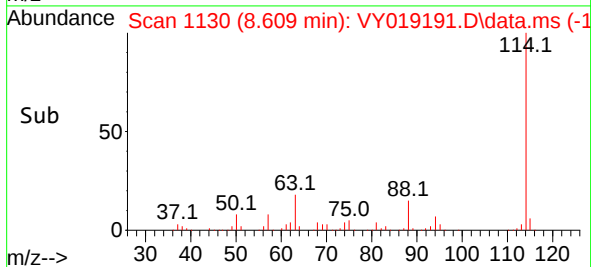
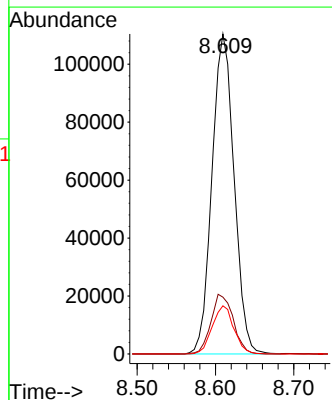
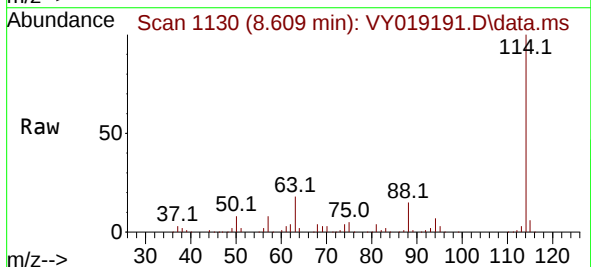
Tgt Ion: 114 Resp: 216735

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 15.1 0.0 27.2

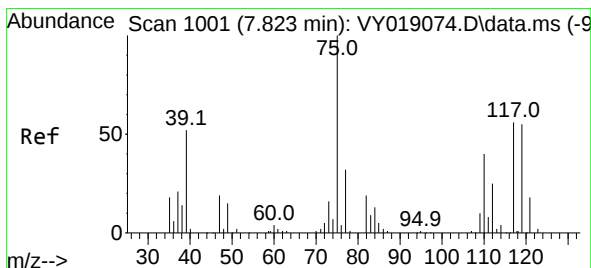
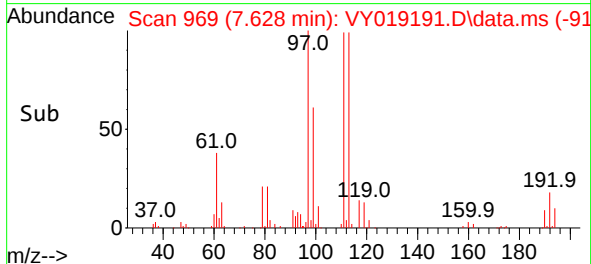
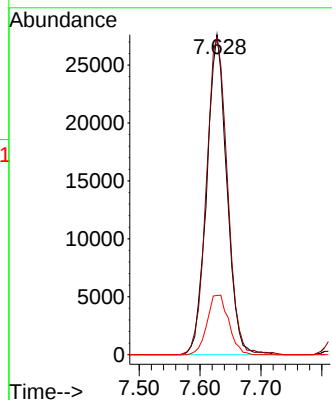
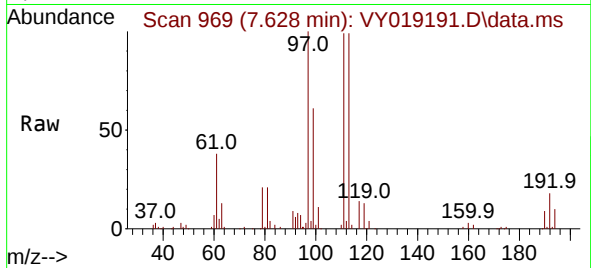




#35
Dibromofluoromethane
Concen: 44.619 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

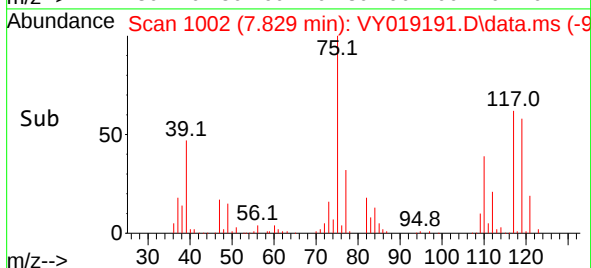
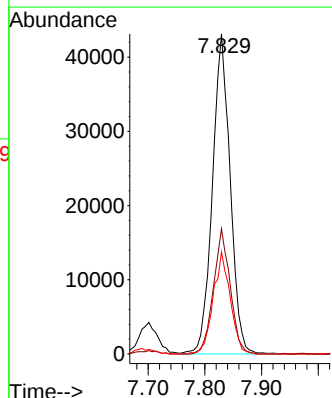
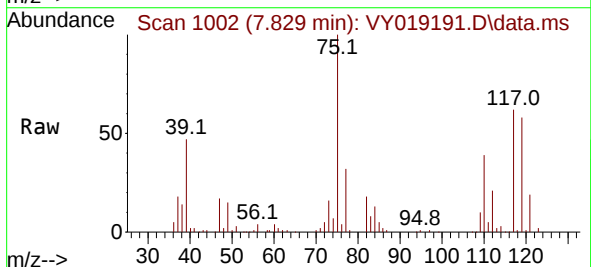
Instrument :
MSVOA_Y
ClientSampleId :

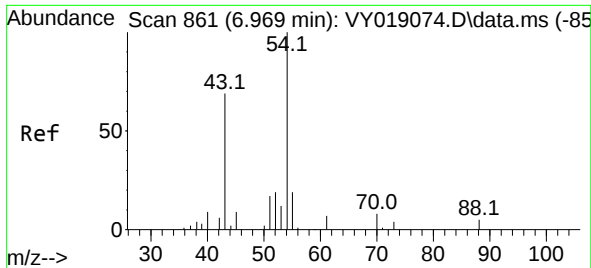
Tgt Ion:113 Resp: 63231
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 48.258 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 75 Resp: 93910
Ion Ratio Lower Upper
75 100
110 36.9 19.0 57.0
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 50.620 ug/l

RT: 6.976 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

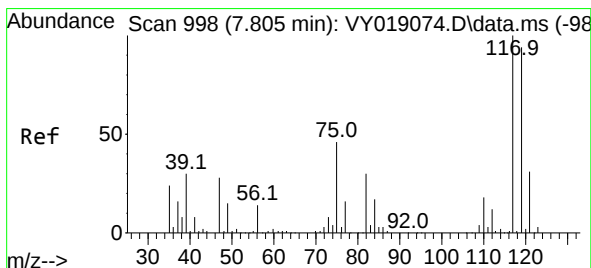
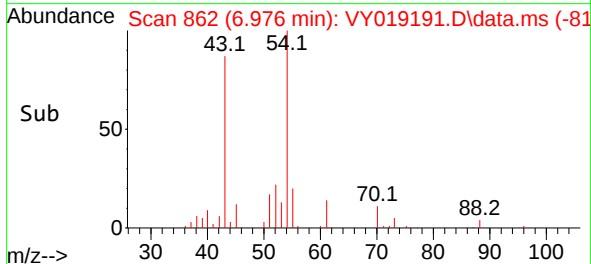
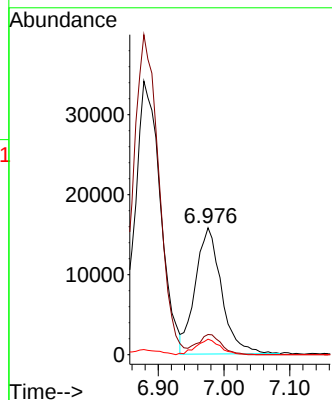
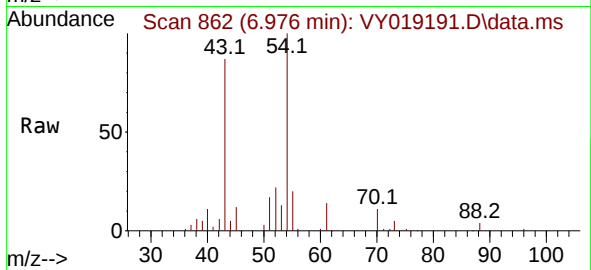
Tgt Ion: 43 Resp: 43643

Ion Ratio Lower Upper

43 100

61 14.4 12.6 19.0

70 11.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 50.216 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

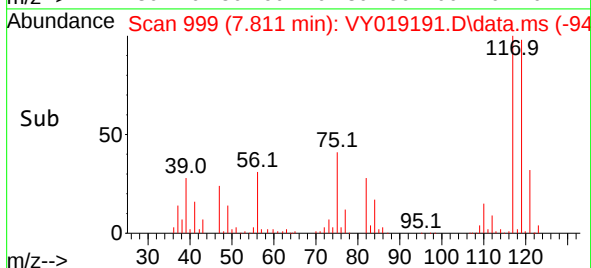
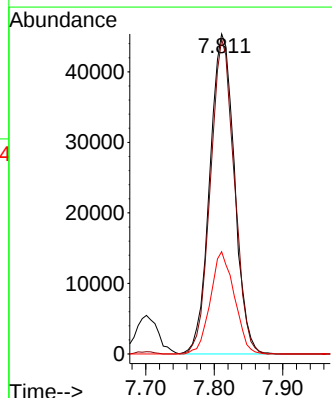
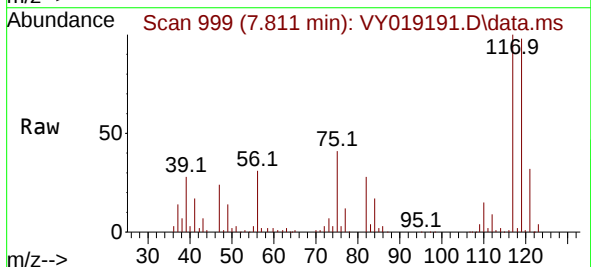
Tgt Ion: 117 Resp: 113247

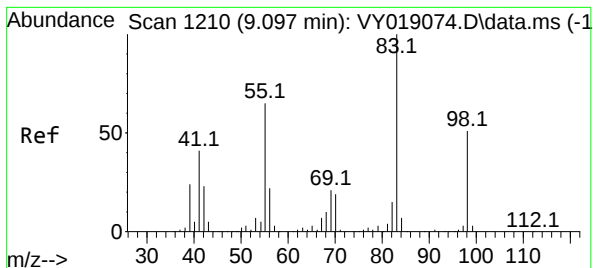
Ion Ratio Lower Upper

117 100

119 98.4 75.8 113.6

121 32.0 24.0 36.0





#39

Methylcyclohexane

Concen: 45.958 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

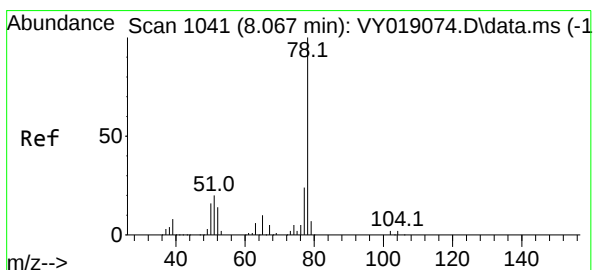
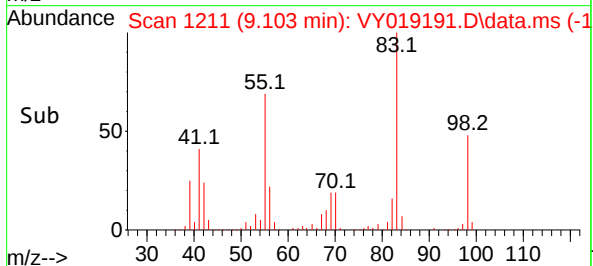
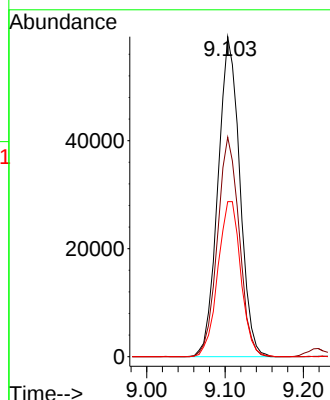
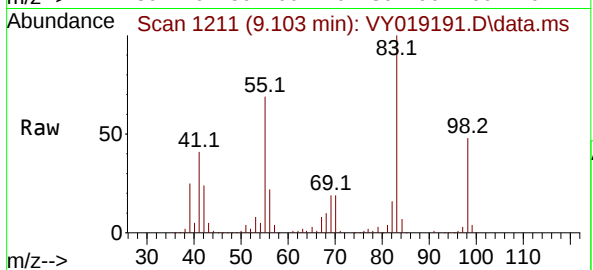
Tgt Ion: 83 Resp: 114769

Ion Ratio Lower Upper

83 100

55 68.6 51.5 77.3

98 48.5 40.5 60.7



#40

Benzene

Concen: 48.680 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019191.D

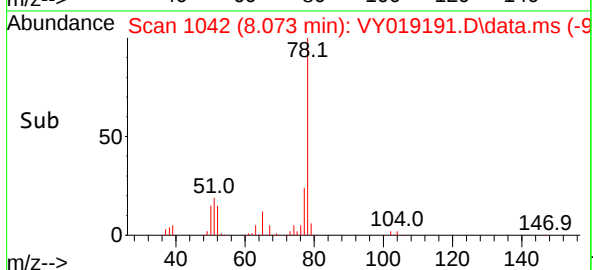
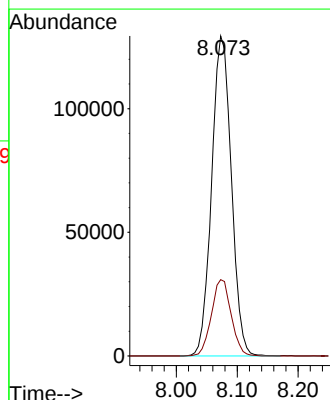
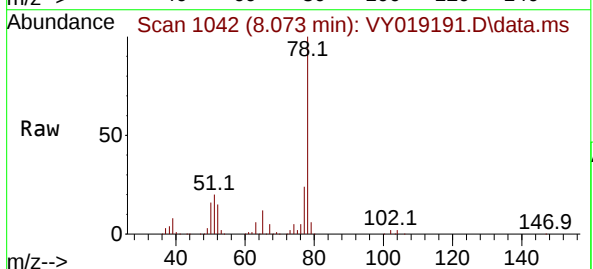
Acq: 22 Aug 2024 01:25

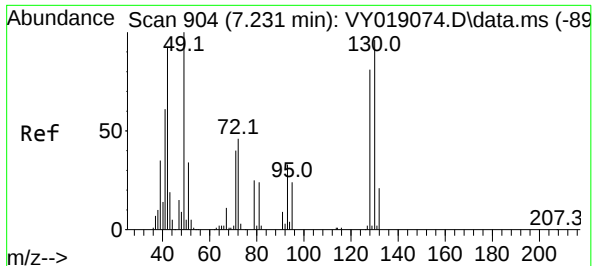
Tgt Ion: 78 Resp: 290534

Ion Ratio Lower Upper

78 100

77 23.8 19.5 29.3

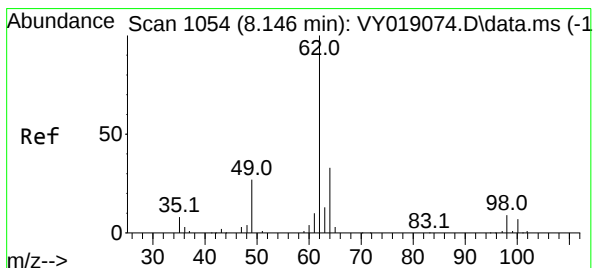
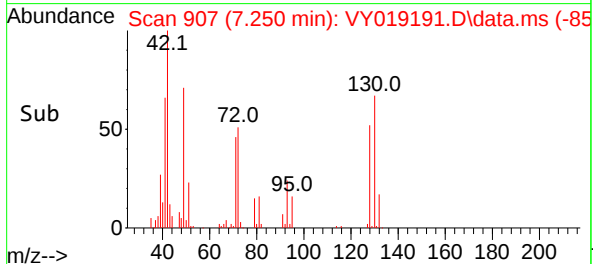
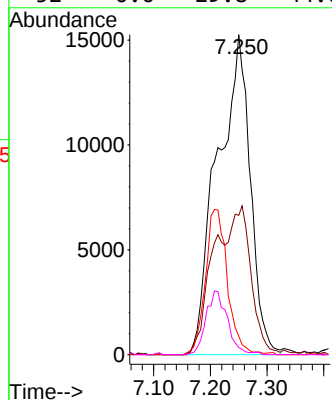
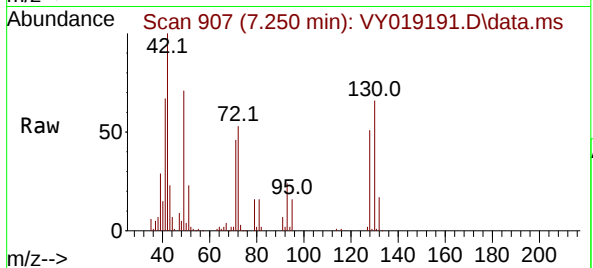




#41
Methacrylonitrile
Concen: 129.857 ug/l
RT: 7.250 min Scan# 90
Delta R.T. 0.018 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

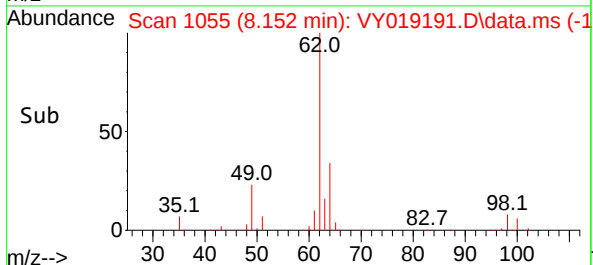
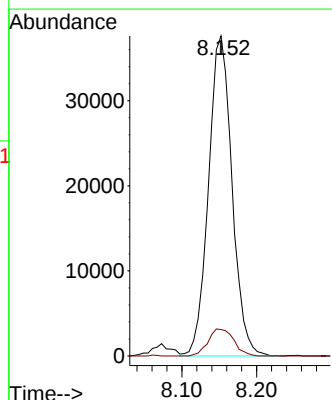
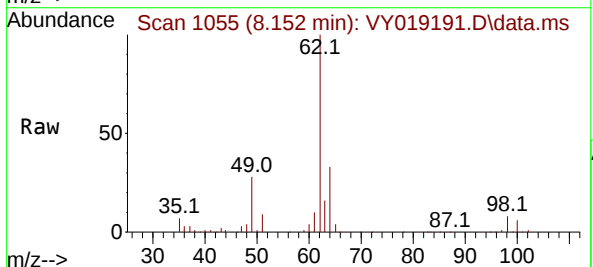
Instrument :
MSVOA_Y
ClientSampleId :

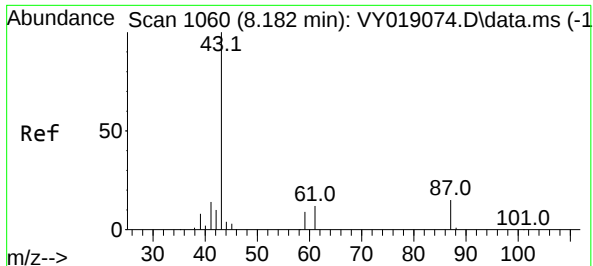
Tgt Ion: 41 Resp: 61108
Ion Ratio Lower Upper
41 100
39 26.9 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 51.131 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 62 Resp: 82407
Ion Ratio Lower Upper
62 100
98 9.2 0.0 22.0

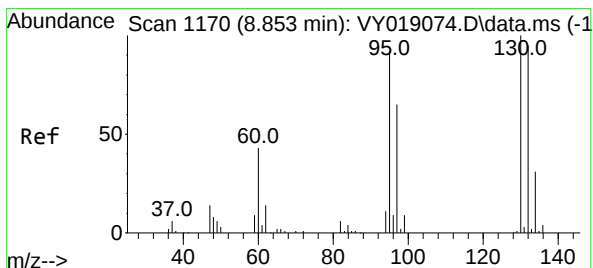
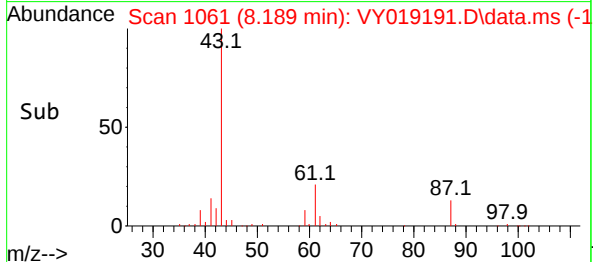
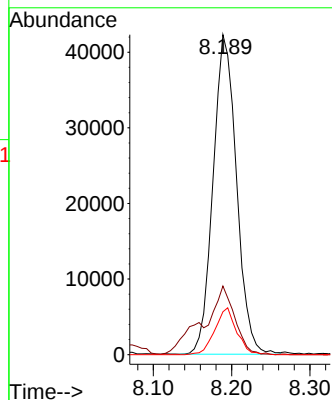
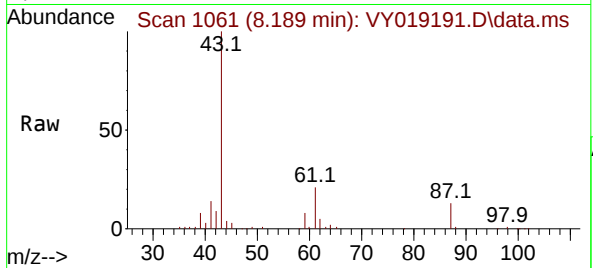




#43
Isopropyl Acetate
Concen: 50.447 ug/l
RT: 8.189 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

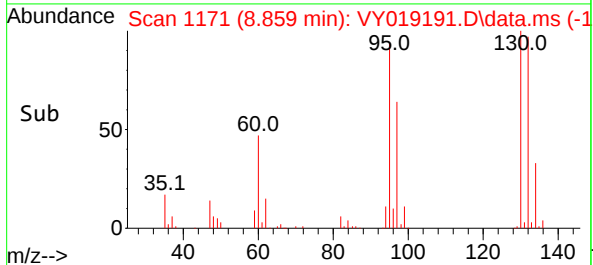
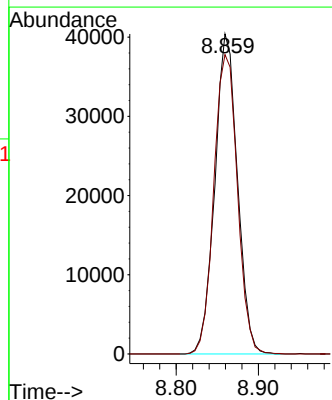
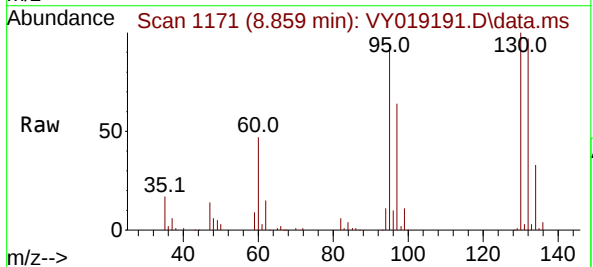
Instrument :
MSVOA_Y
ClientSampleId :

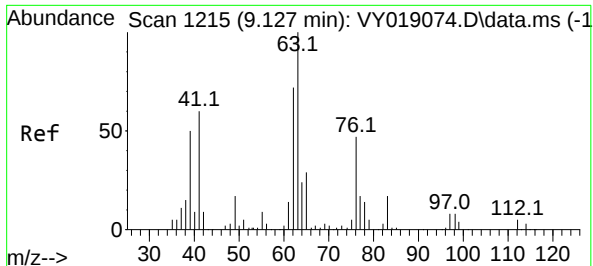
Tgt Ion: 43 Resp: 87961
Ion Ratio Lower Upper
43 100
61 29.1 27.9 41.9
87 13.6 13.1 19.7



#44
Trichloroethene
Concen: 46.419 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion:130 Resp: 77302
Ion Ratio Lower Upper
130 100
95 93.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 47.367 ug/l

RT: 9.140 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

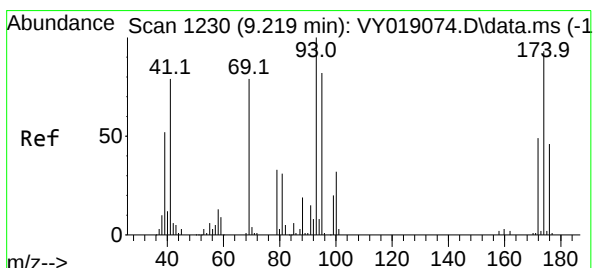
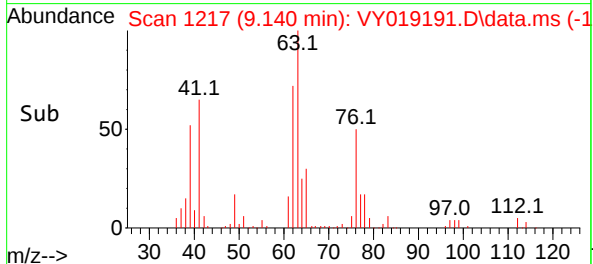
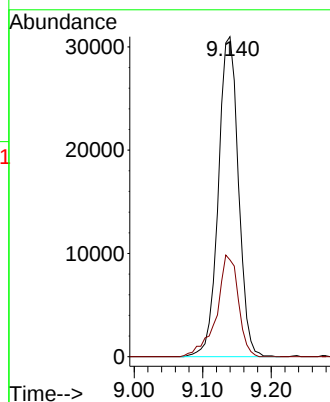
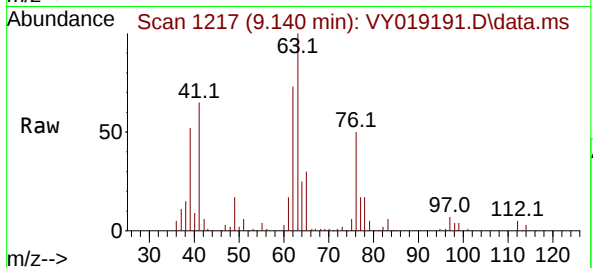
ClientSampleId :

Tgt Ion: 63 Resp: 62986

Ion Ratio Lower Upper

63 100

65 30.3 25.4 38.2



#46

Dibromomethane

Concen: 47.238 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.012 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

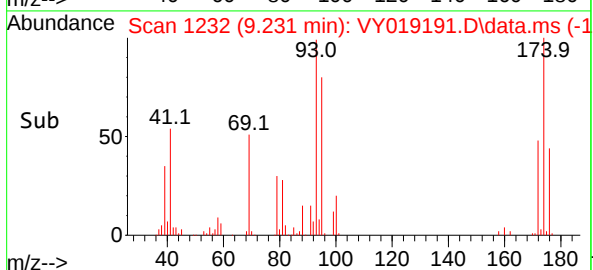
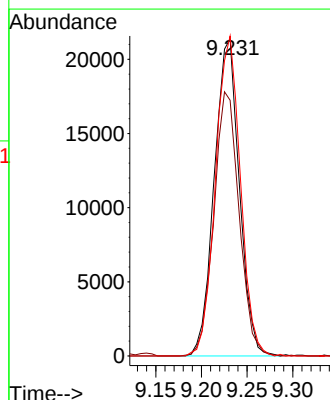
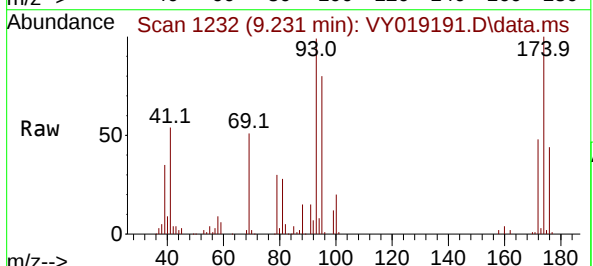
Tgt Ion: 93 Resp: 40741

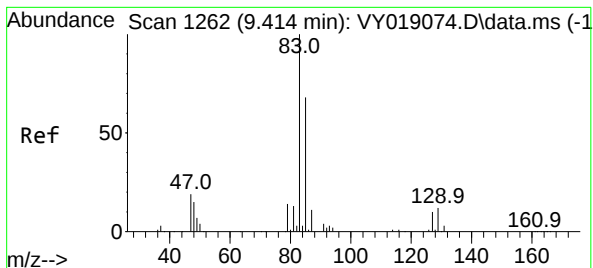
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 100.3 80.9 121.3





#47

Bromodichloromethane

Concen: 49.676 ug/l

RT: 9.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

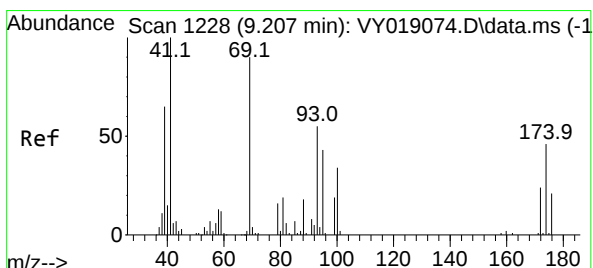
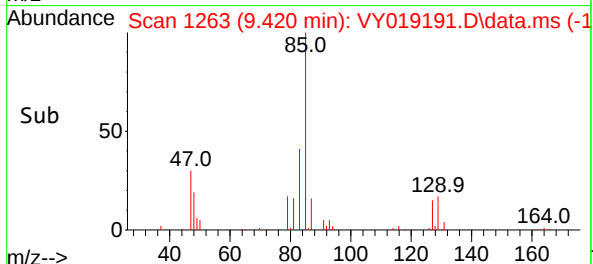
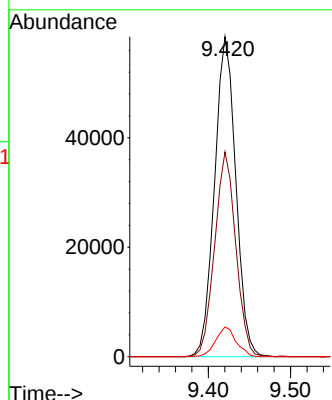
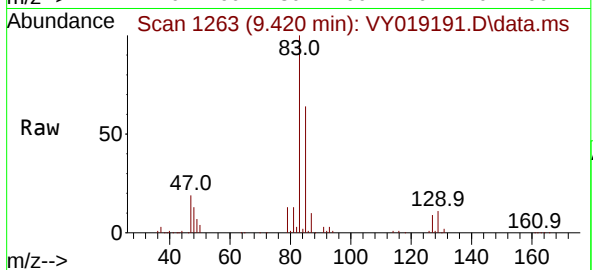
Tgt Ion: 83 Resp: 105112

Ion Ratio Lower Upper

83 100

85 64.0 50.1 75.1

127 9.3 7.4 11.0



#48

Methyl methacrylate

Concen: 51.525 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

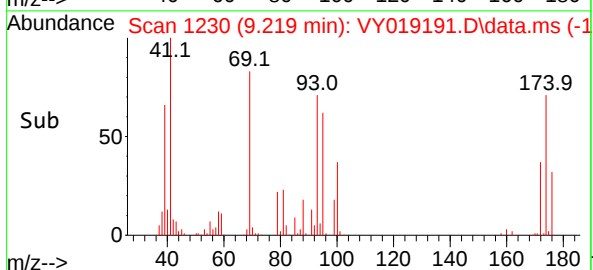
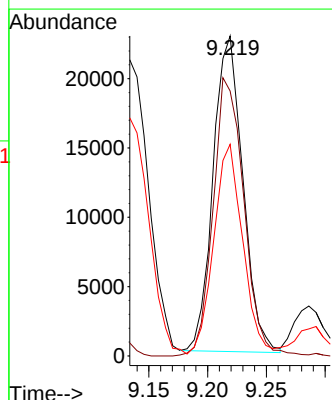
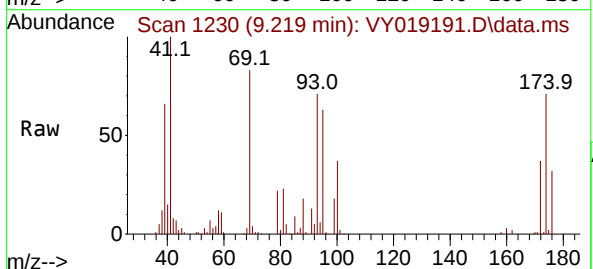
Tgt Ion: 41 Resp: 40039

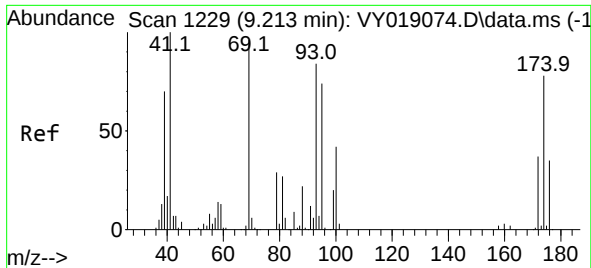
Ion Ratio Lower Upper

41 100

69 91.1 84.1 126.1

39 64.7 43.6 65.4





#49

1,4-Dioxane

Concen: 904.612 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

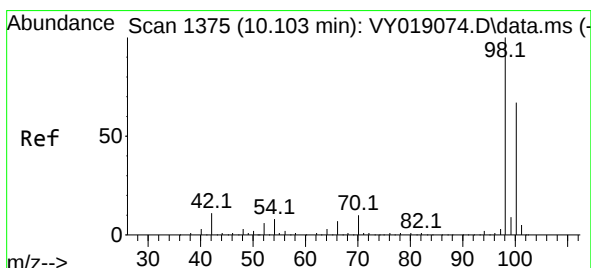
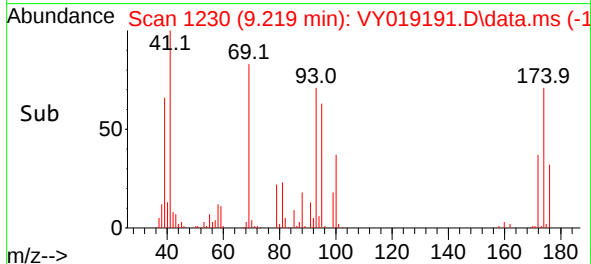
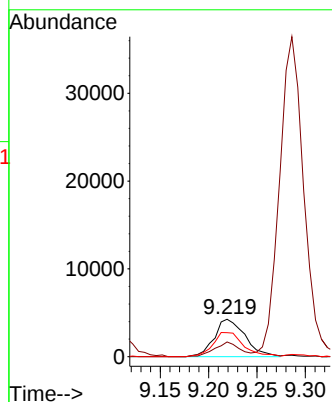
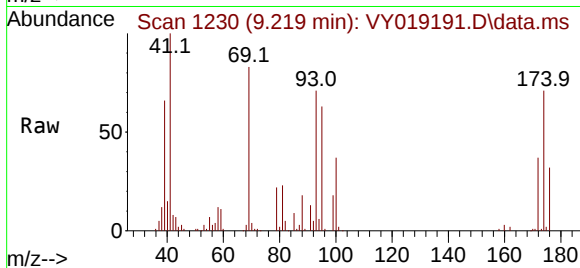
Tgt Ion: 88 Resp: 9451

Ion Ratio Lower Upper

88 100

43 32.0 0.0 0.0#

58 64.5 49.3 73.9



#50

Toluene-d8

Concen: 48.803 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019191.D

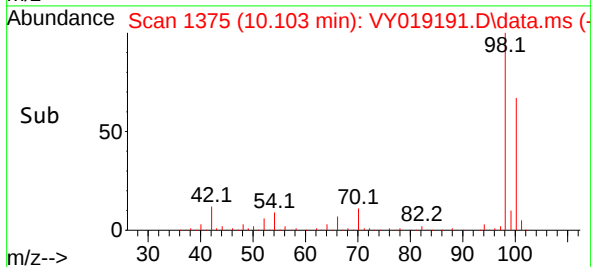
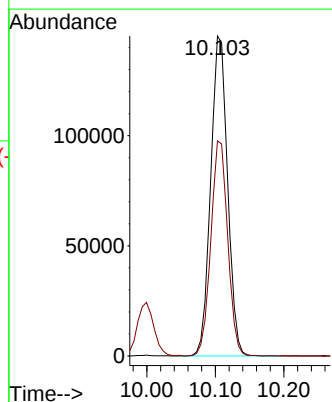
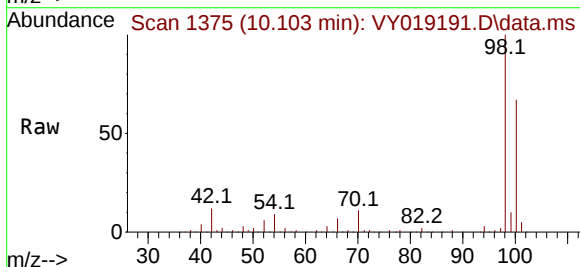
Acq: 22 Aug 2024 01:25

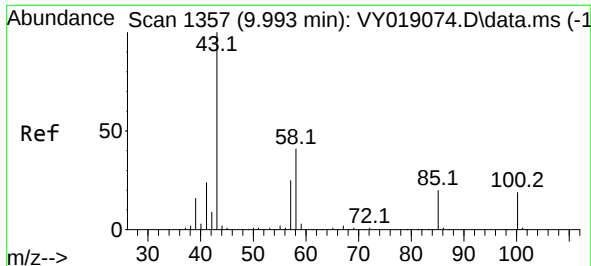
Tgt Ion: 98 Resp: 248885

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 256.524 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

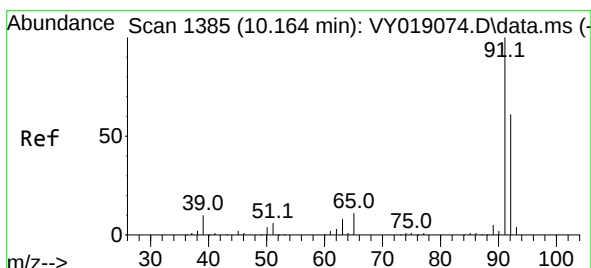
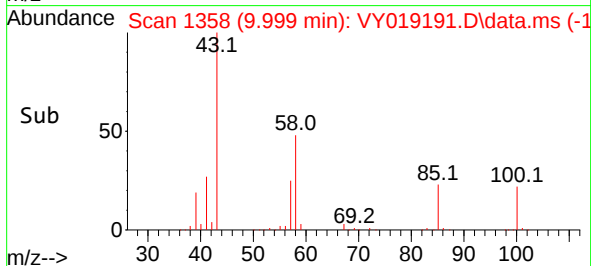
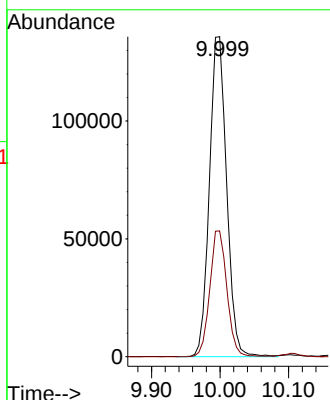
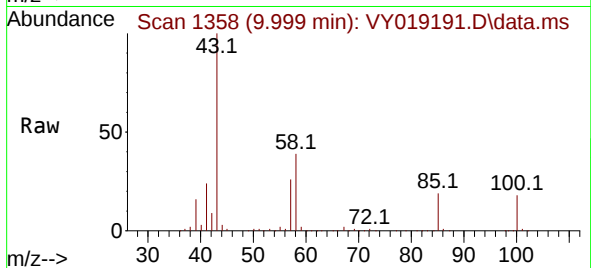
ClientSampleId :

Tgt Ion: 43 Resp: 237401

Ion Ratio Lower Upper

43 100

58 39.0 35.7 53.5



#52

Toluene

Concen: 49.737 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019191.D

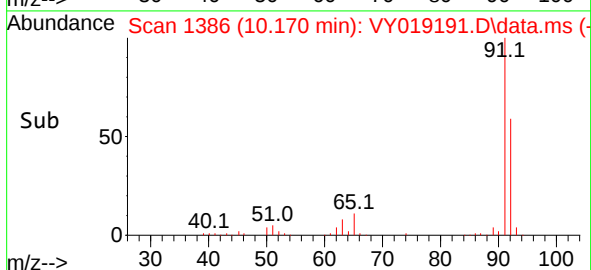
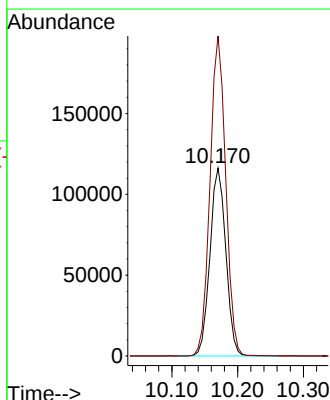
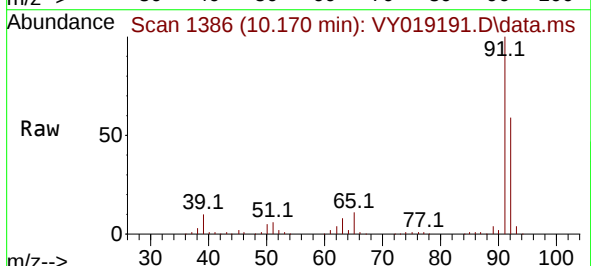
Acq: 22 Aug 2024 01:25

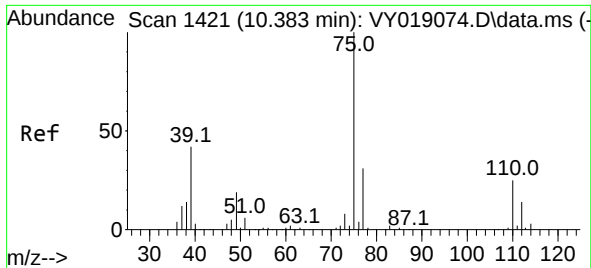
Tgt Ion: 92 Resp: 194854

Ion Ratio Lower Upper

92 100

91 168.7 139.0 208.6

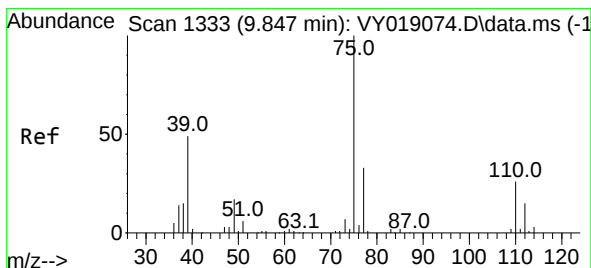
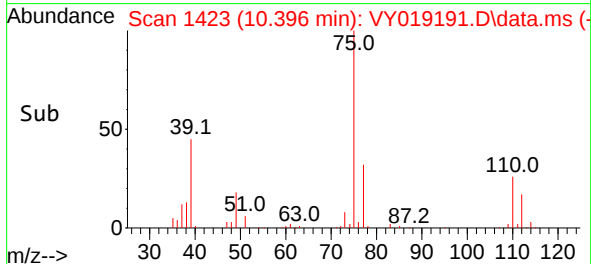
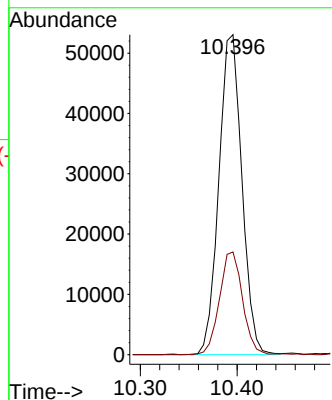
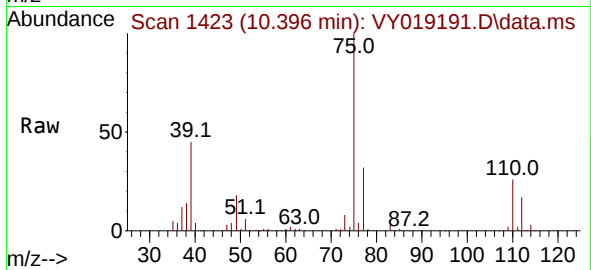




#53
 t-1,3-Dichloropropene
 Concen: 49.957 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.012 min
 Lab File: VY019191.D
 Acq: 22 Aug 2024 01:25

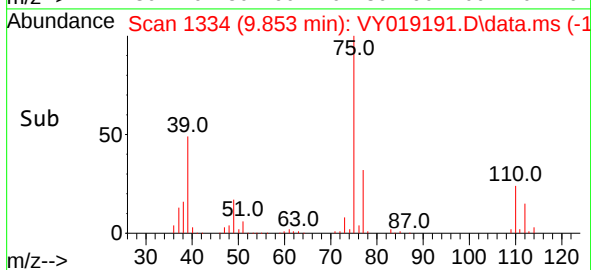
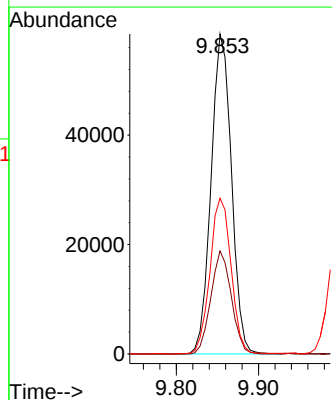
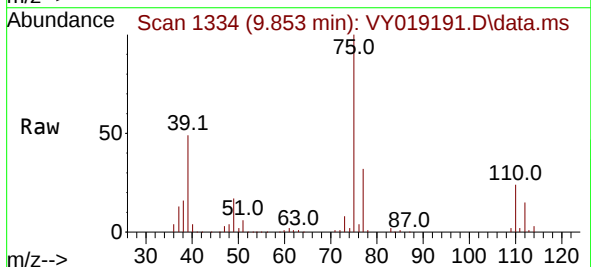
Instrument :
 MSVOA_Y
 ClientSampleId :

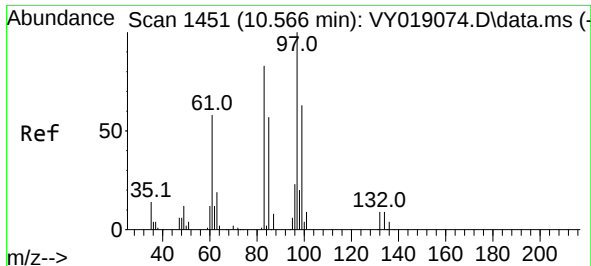
Tgt Ion: 75 Resp: 87688
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 47.706 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.006 min
 Lab File: VY019191.D
 Acq: 22 Aug 2024 01:25

Tgt Ion: 75 Resp: 100705
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0
 39 48.5 29.8 44.6#

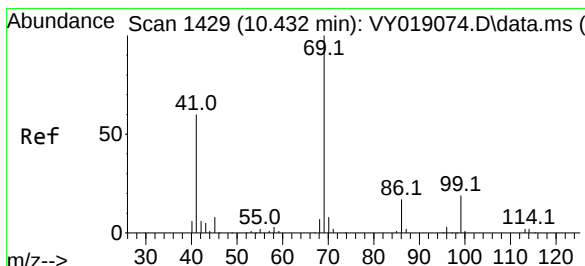
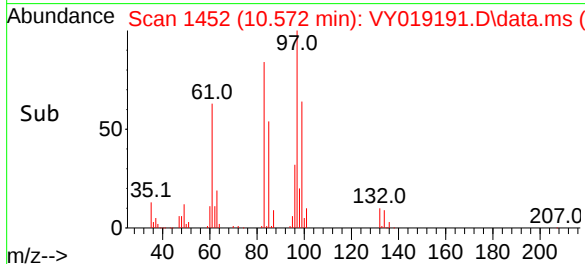
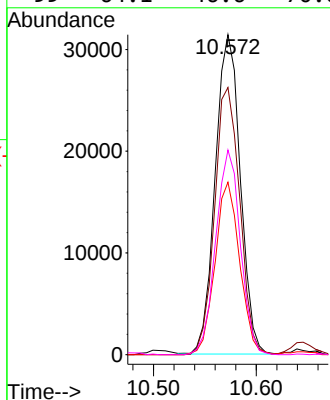
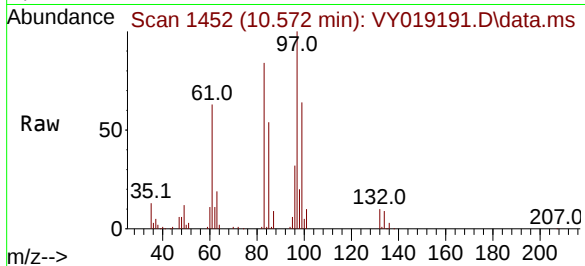




#55
1,1,2-Trichloroethane
Concen: 47.901 ug/l
RT: 10.572 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

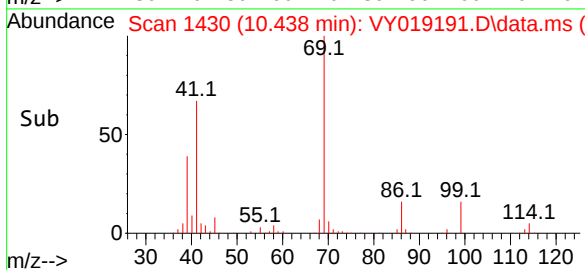
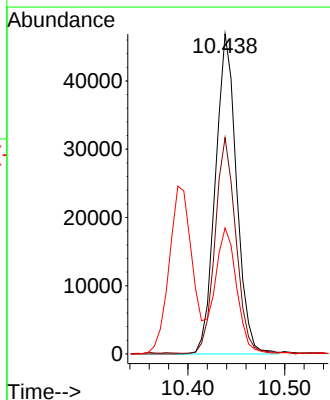
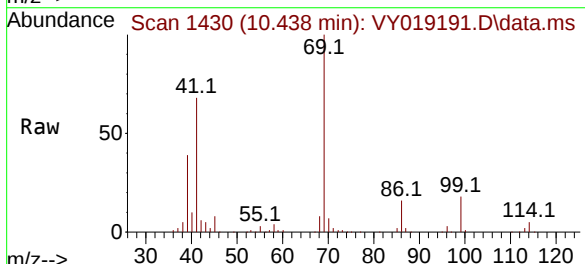
Instrument :
MSVOA_Y
ClientSampleId :

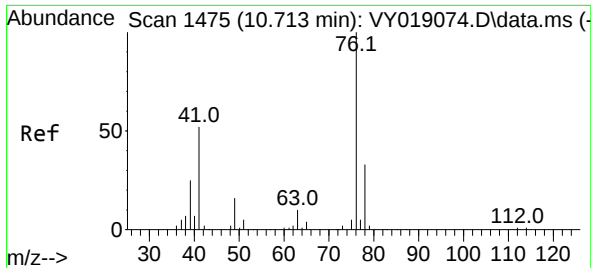
Tgt Ion: 97	Resp: 53184
Ion Ratio	Lower Upper
97 100	
83 83.7	67.5 101.3
85 54.0	42.9 64.3
99 64.1	46.6 70.0



#56
Ethyl methacrylate
Concen: 49.015 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 69	Resp: 71231
Ion Ratio	Lower Upper
69 100	
41 67.1	42.3 63.5#
39 40.4	22.9 34.3#

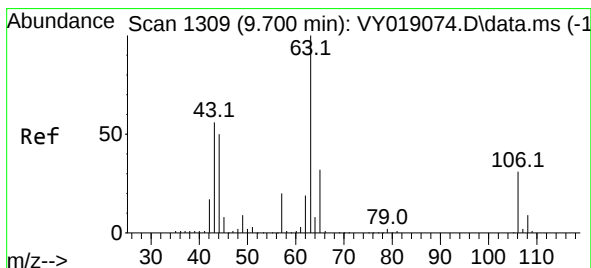
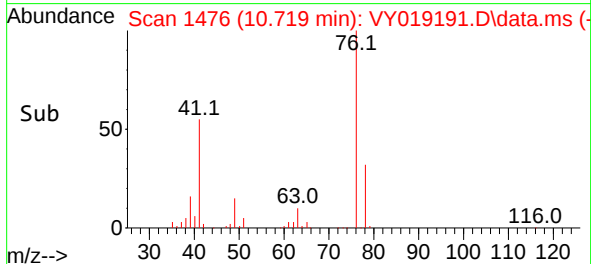
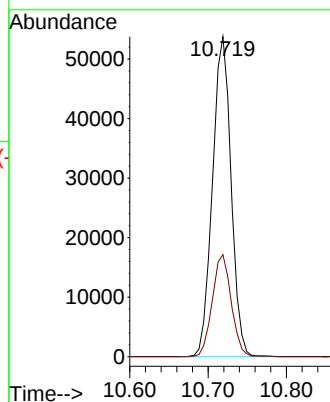
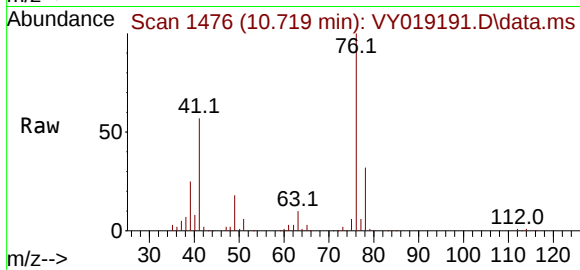




#57
1,3-Dichloropropane
Concen: 48.929 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

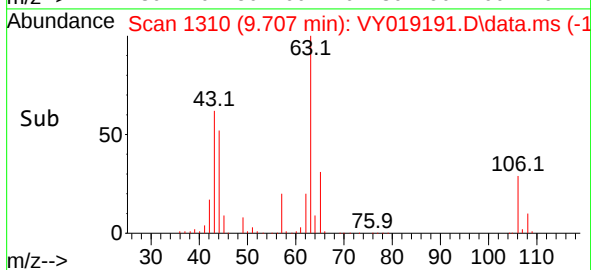
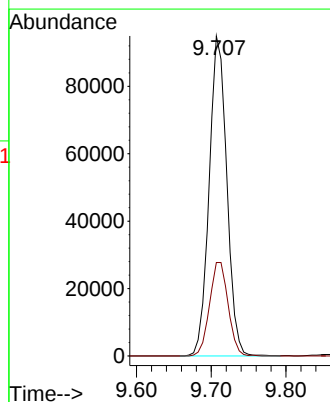
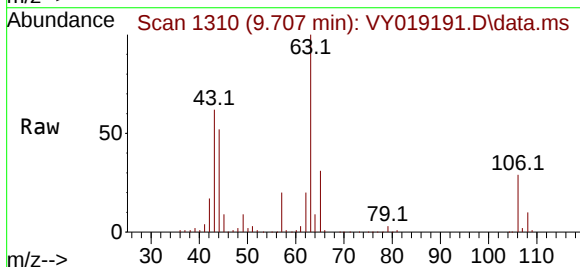
Instrument :
MSVOA_Y
ClientSampleId :

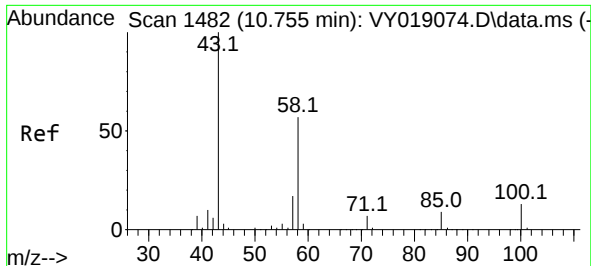
Tgt Ion: 76 Resp: 88558
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 225.822 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 63 Resp: 155687
Ion Ratio Lower Upper
63 100
106 30.8 23.7 35.5

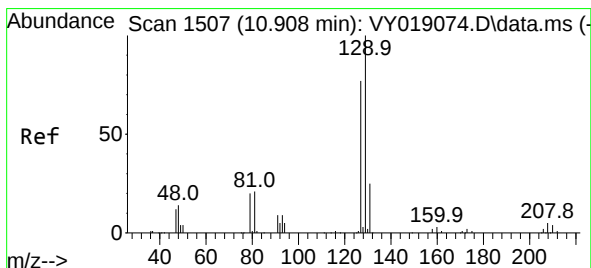
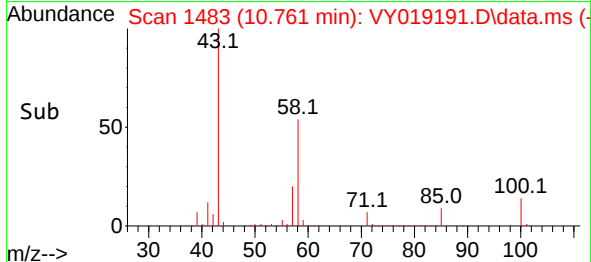
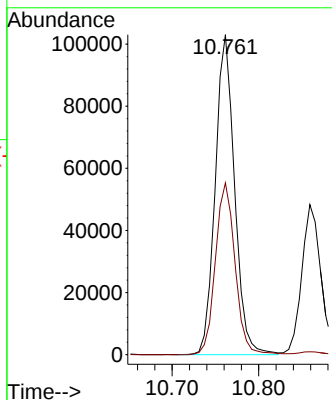
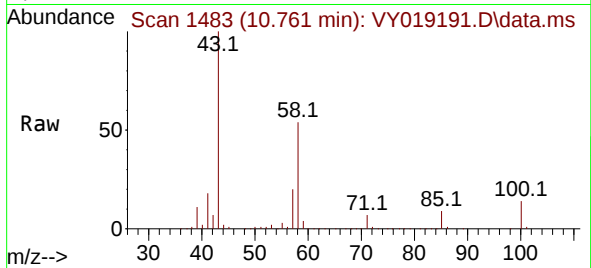




#59
2-Hexanone
Concen: 251.400 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

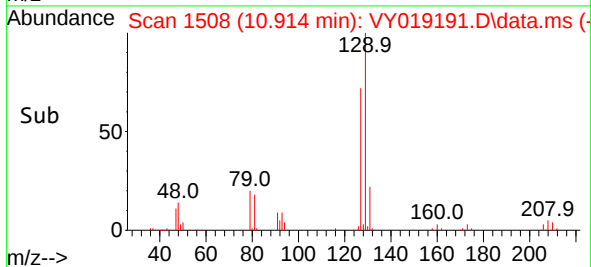
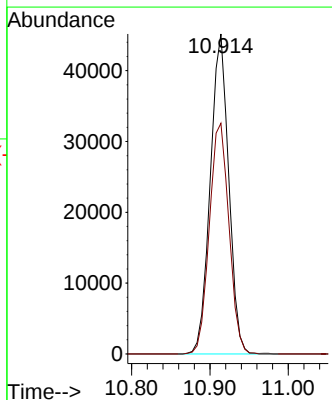
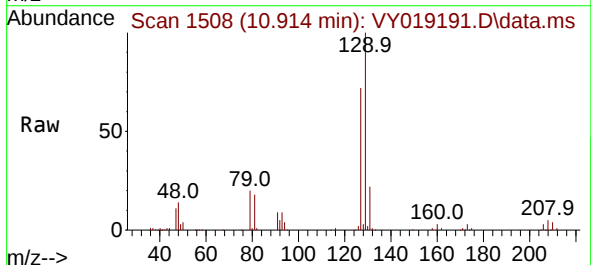
Instrument :
MSVOA_Y
ClientSampleId :

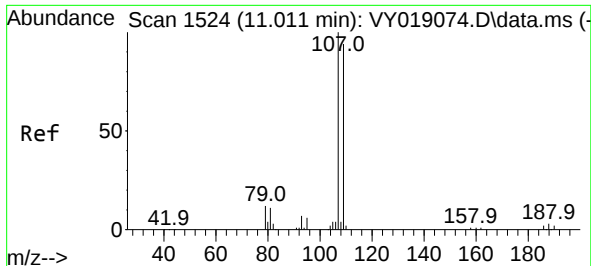
Tgt Ion: 43 Resp: 159841
Ion Ratio Lower Upper
43 100
58 54.6 31.4 94.0



#60
Dibromochloromethane
Concen: 48.777 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 129 Resp: 73762
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

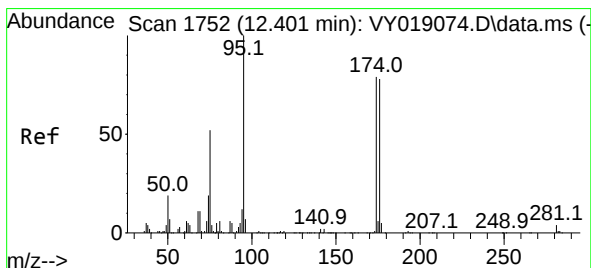
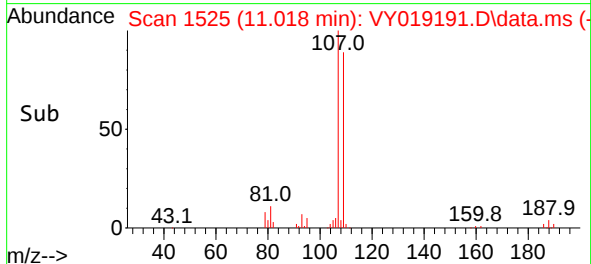
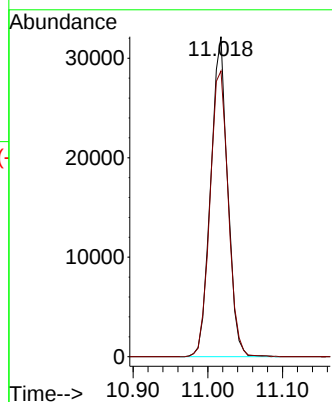
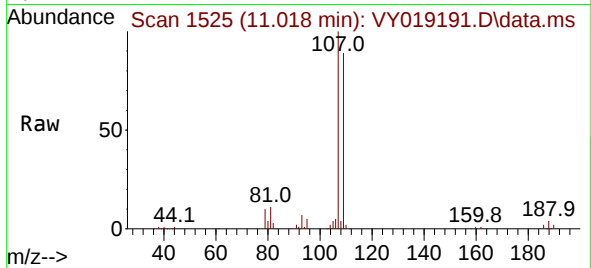




#61
1,2-Dibromoethane
Concen: 47.210 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

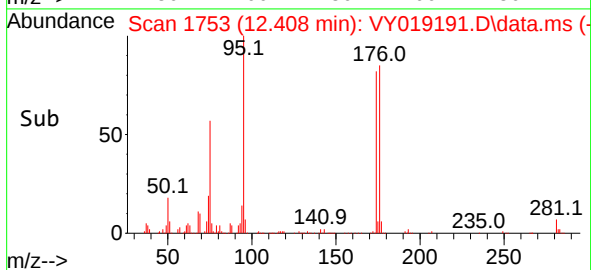
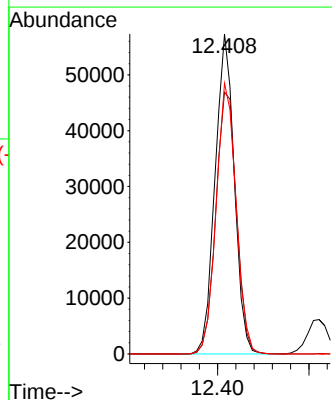
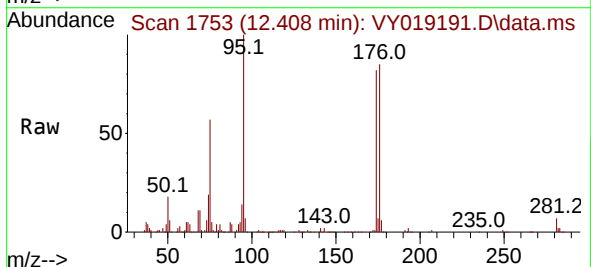
Instrument :
MSVOA_Y
ClientSampleId :

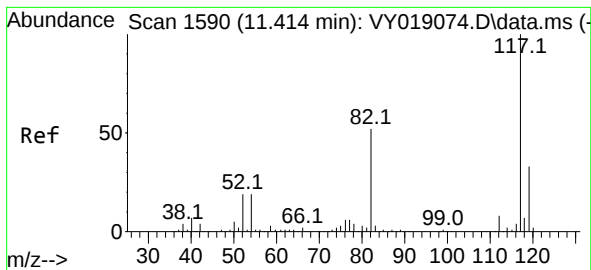
Tgt Ion:107 Resp: 50662
Ion Ratio Lower Upper
107 100
109 96.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.201 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 95 Resp: 83799
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.6
176 87.6 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: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

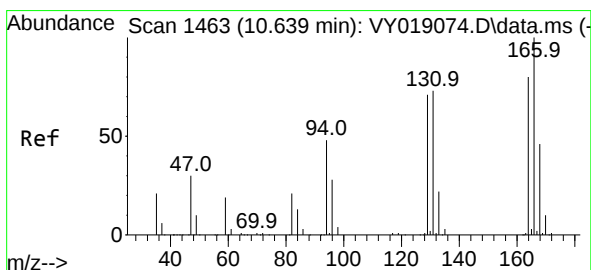
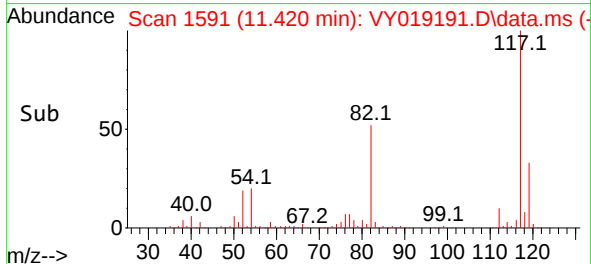
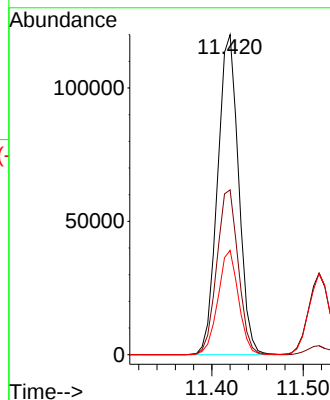
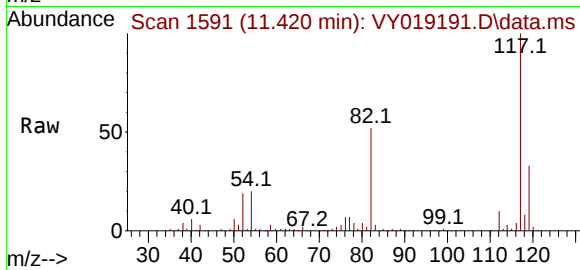
Tgt Ion:117 Resp: 191813

Ion Ratio Lower Upper

117 100

82 51.5 42.4 63.6

119 32.6 25.9 38.9



#64

Tetrachloroethene

Concen: 48.129 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Tgt Ion:164 Resp: 80693

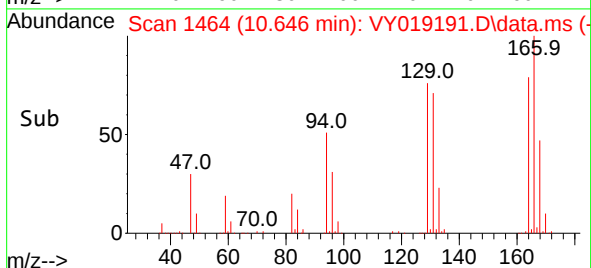
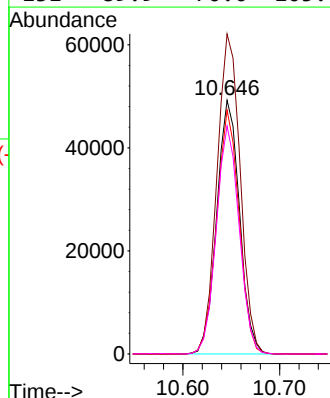
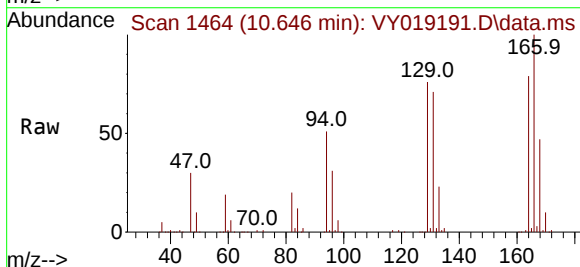
Ion Ratio Lower Upper

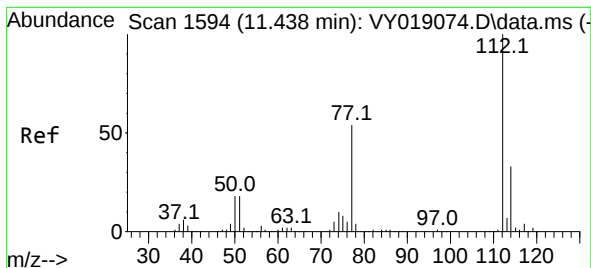
164 100

166 126.2 102.6 154.0

129 96.1 72.0 108.0

131 89.9 70.0 105.0





#65

Chlorobenzene

Concen: 47.497 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

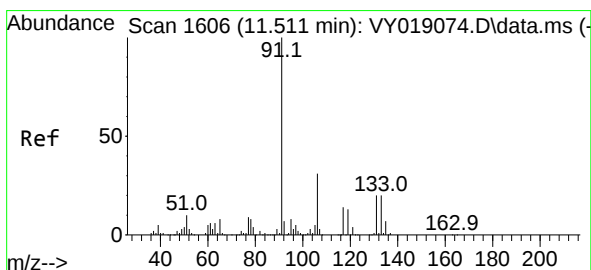
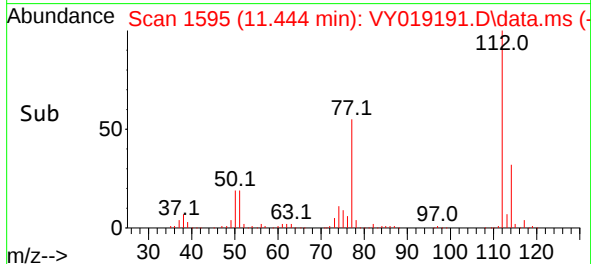
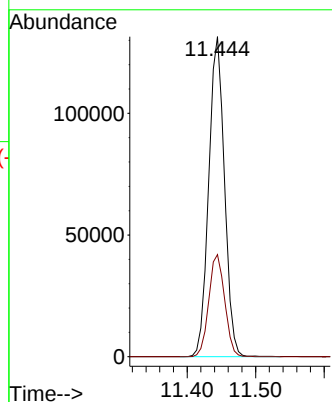
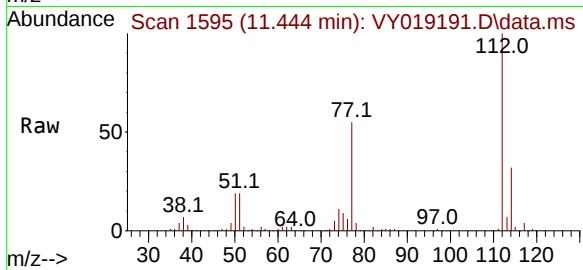
ClientSampleId :

Tgt Ion:112 Resp: 209783

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 48.159 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

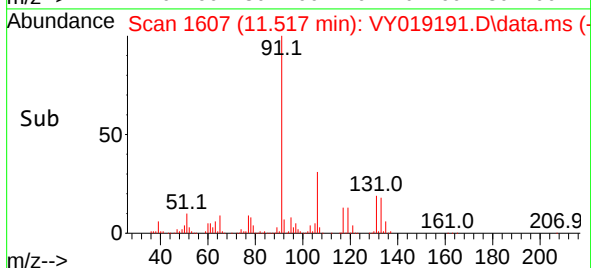
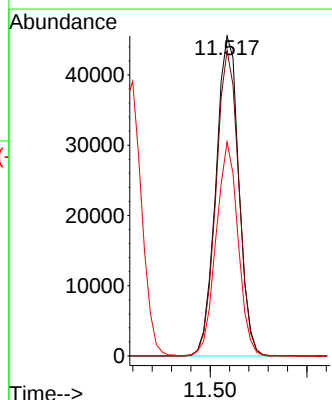
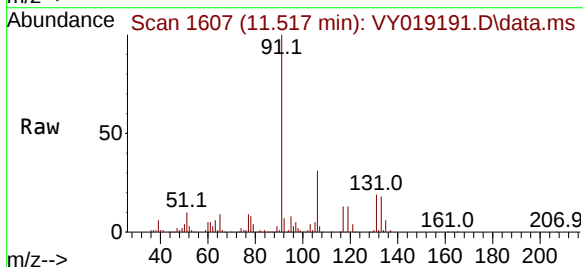
Tgt Ion:131 Resp: 74802

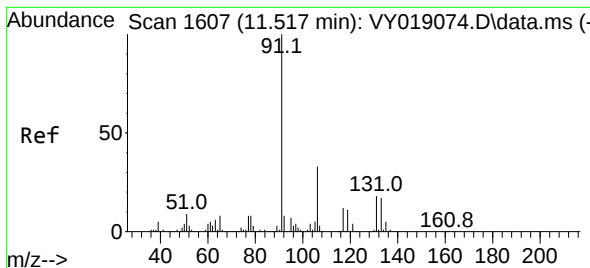
Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.3

119 64.1 34.1 102.2





#67

Ethyl Benzene

Concen: 48.576 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

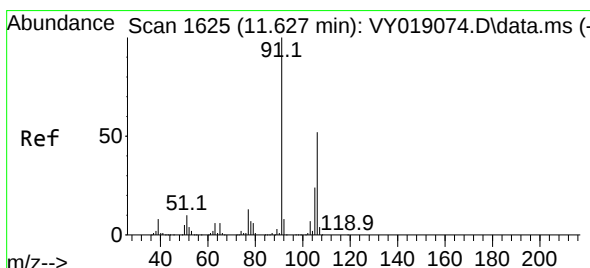
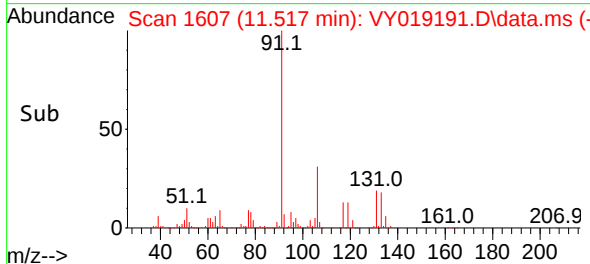
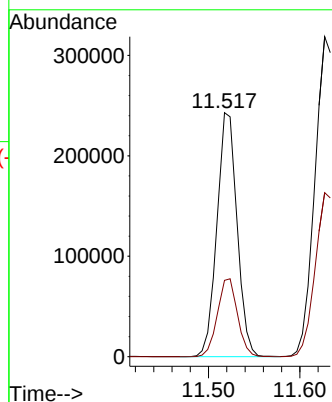
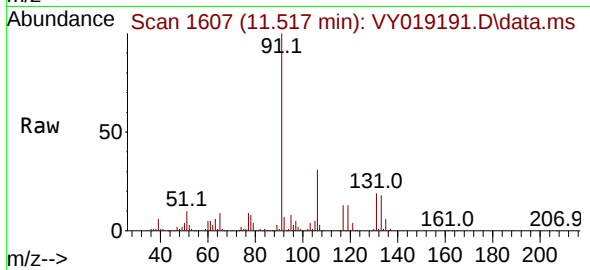
ClientSampleId :

Tgt Ion: 91 Resp: 372382

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 96.221 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019191.D

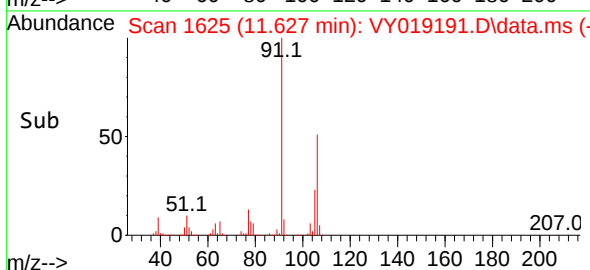
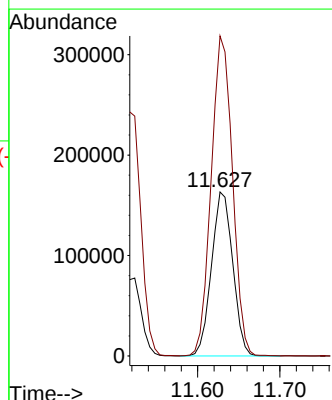
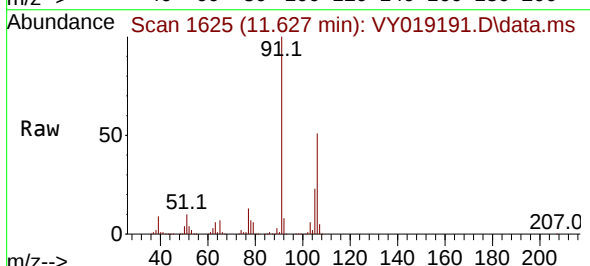
Acq: 22 Aug 2024 01:25

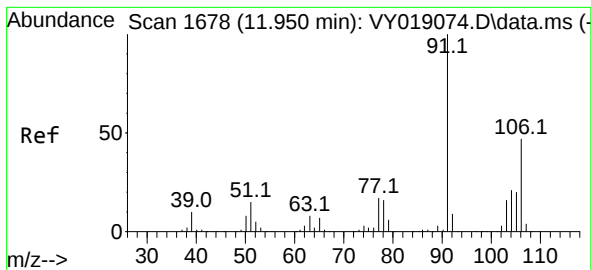
Tgt Ion:106 Resp: 292684

Ion Ratio Lower Upper

106 100

91 196.5 156.0 234.0

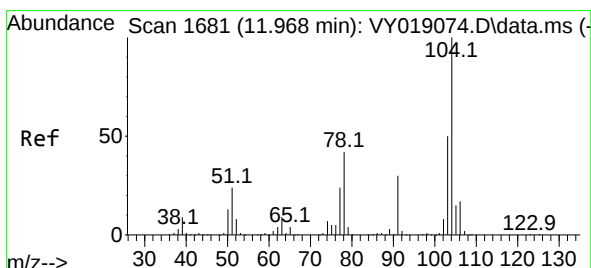
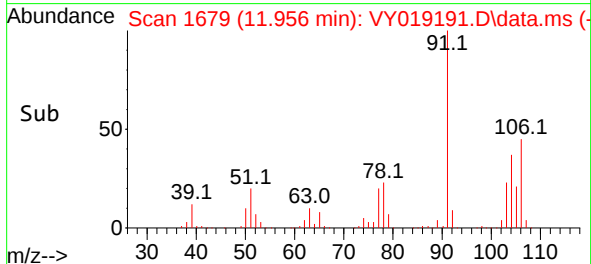
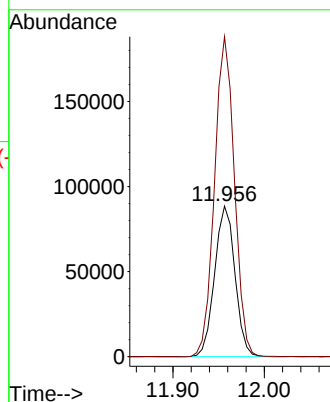
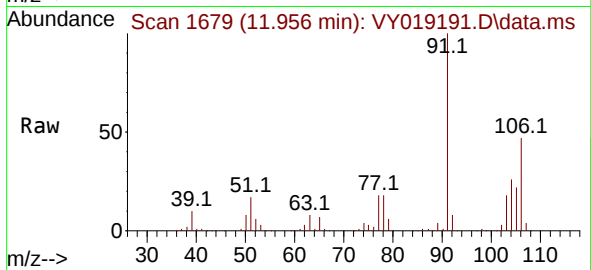




#69
o-Xylene
Concen: 48.551 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

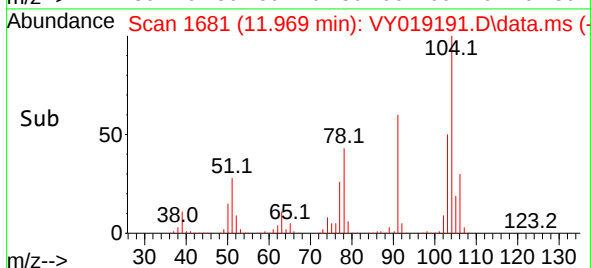
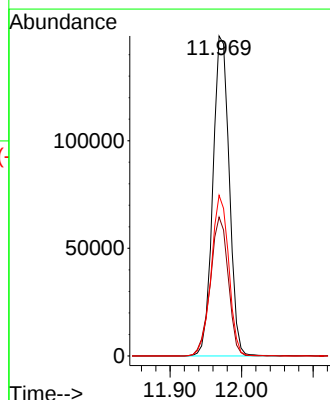
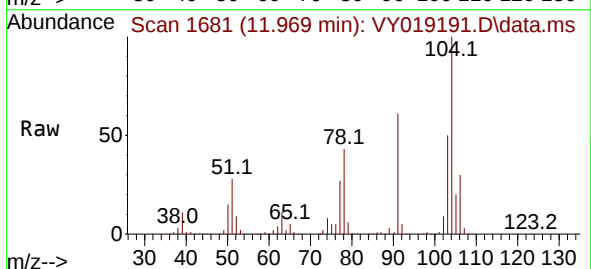
Instrument :
MSVOA_Y
ClientSampleId :

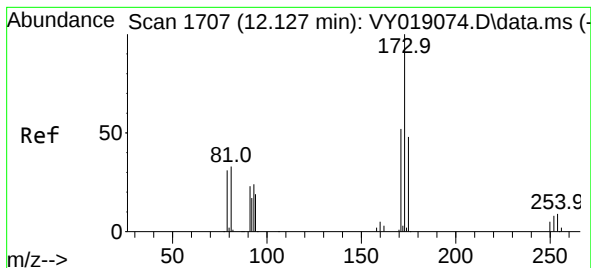
Tgt Ion:106 Resp: 136761
Ion Ratio Lower Upper
106 100
91 208.1 103.6 310.8



#70
Styrene
Concen: 49.221 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion:104 Resp: 236434
Ion Ratio Lower Upper
104 100
78 47.4 37.0 55.4
103 53.8 44.2 66.2





#71

Bromoform

Concen: 47.874 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

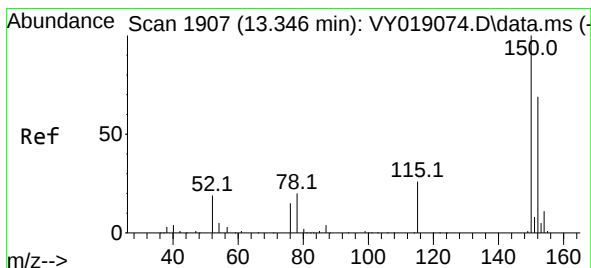
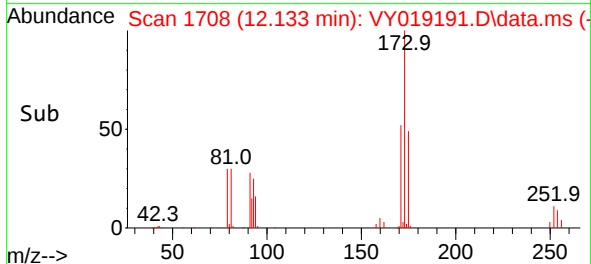
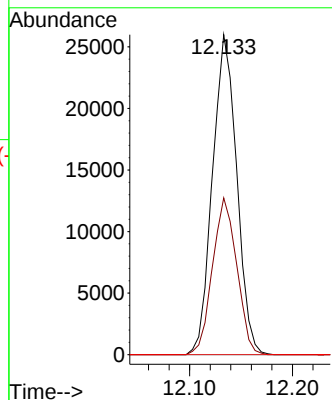
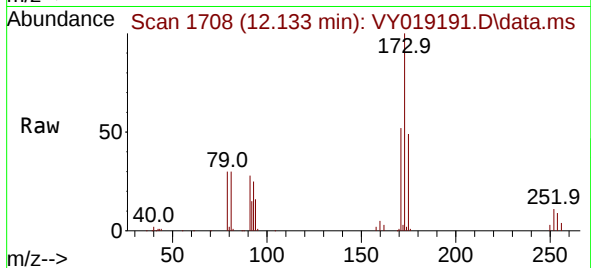
Tgt Ion:173 Resp: 42507

Ion Ratio Lower Upper

173 100

175 49.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

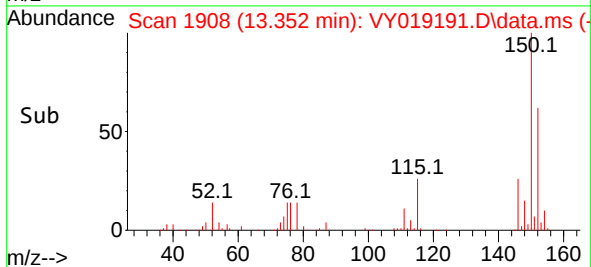
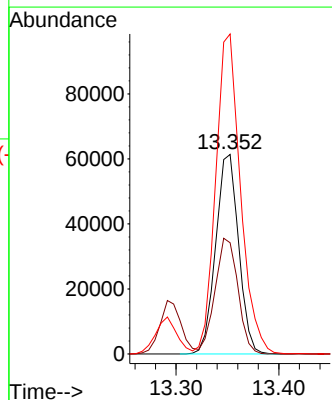
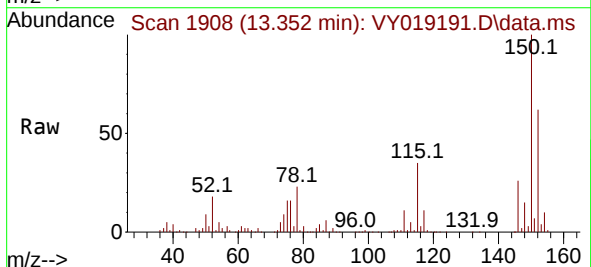
Tgt Ion:152 Resp: 94816

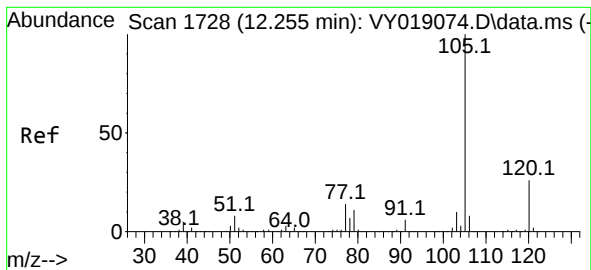
Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 173.7 0.0 345.6





#73

Isopropylbenzene

Concen: 49.067 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

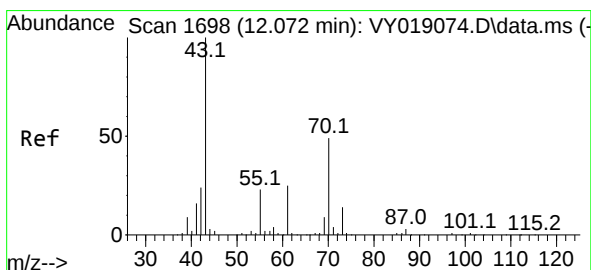
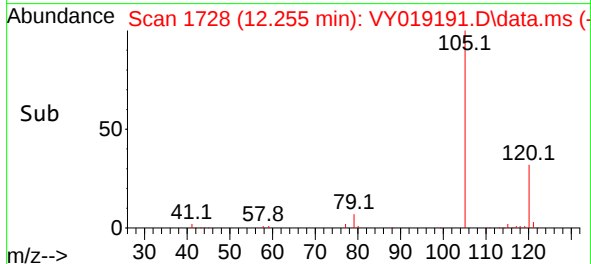
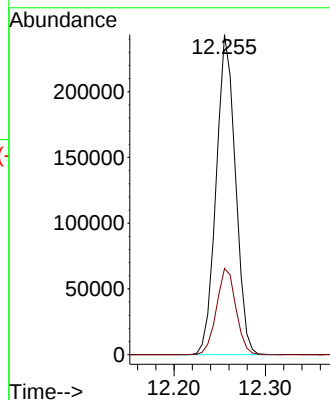
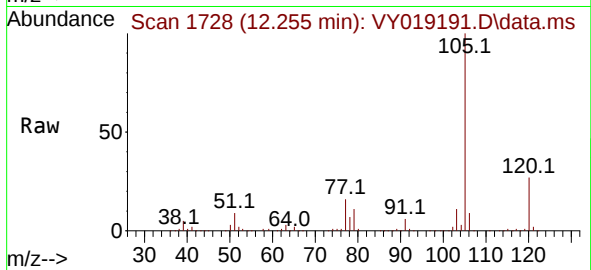
ClientSampleId :

Tgt Ion:105 Resp: 356580

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 50.946 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Tgt Ion: 43 Resp: 80732

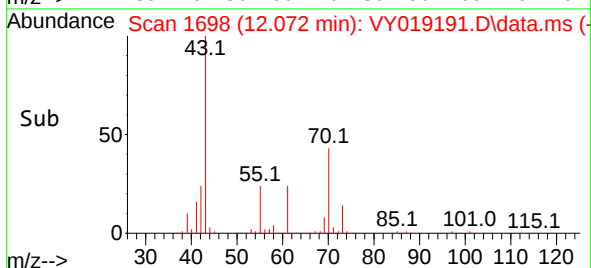
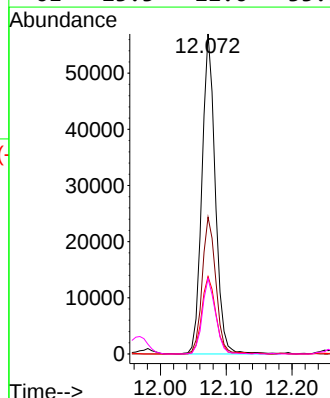
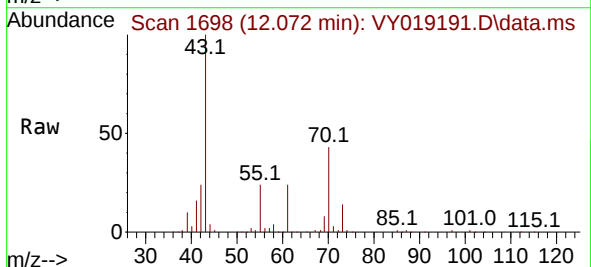
Ion Ratio Lower Upper

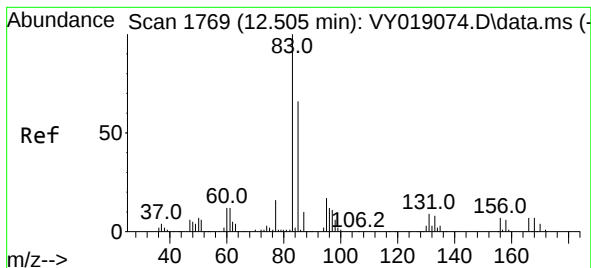
43 100

70 43.2 41.4 62.2

55 25.6 23.3 34.9

61 23.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 44.410 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

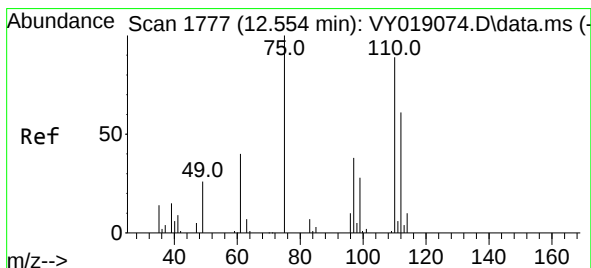
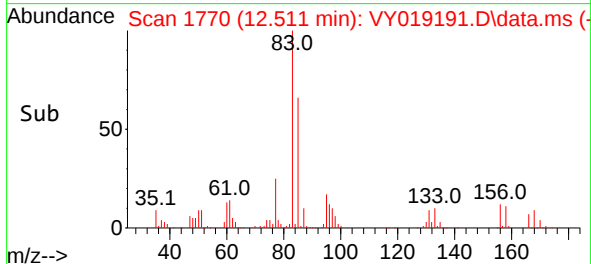
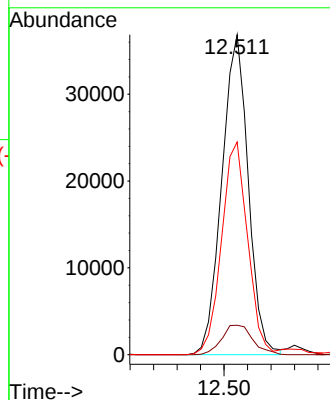
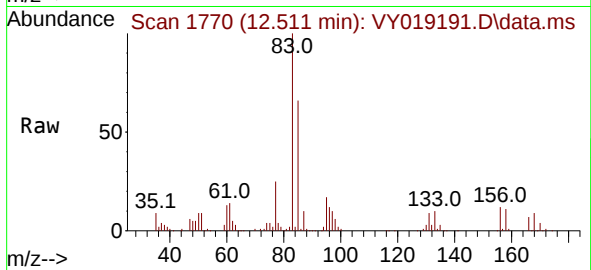
Tgt Ion: 83 Resp: 57457

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 66.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 80.397 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019191.D

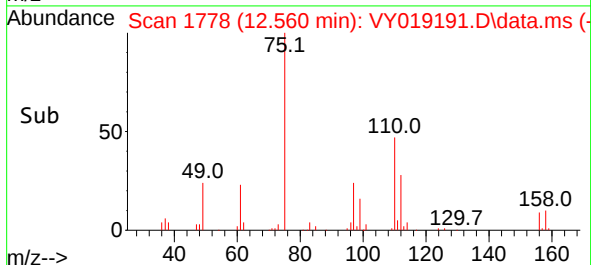
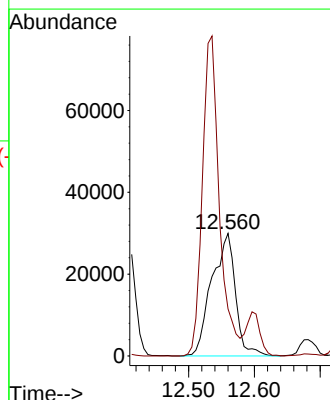
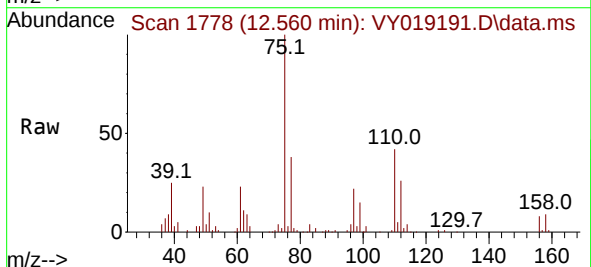
Acq: 22 Aug 2024 01:25

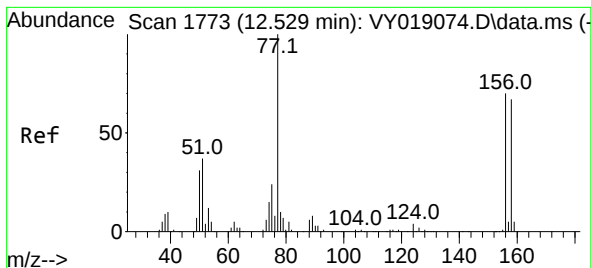
Tgt Ion: 75 Resp: 75176

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.239 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

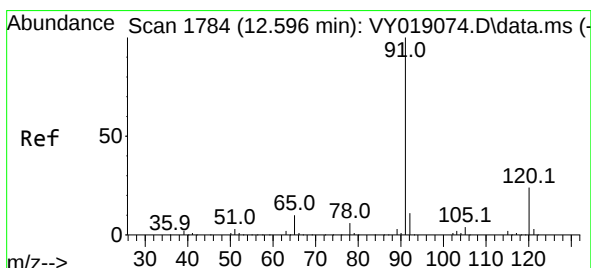
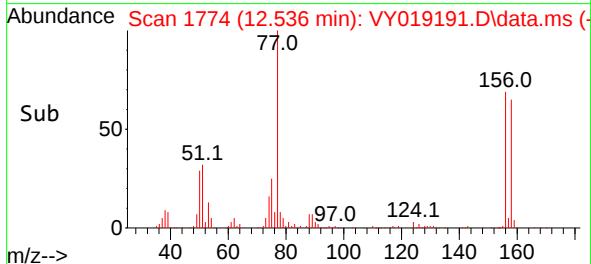
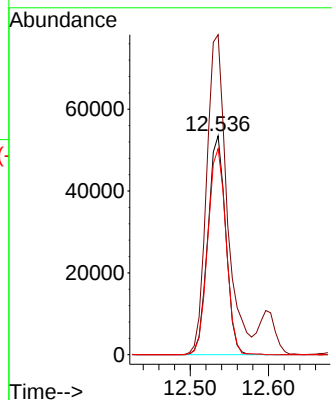
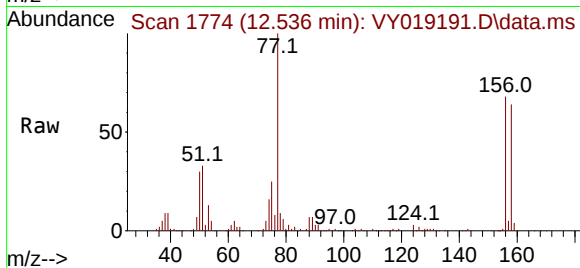
Tgt Ion:156 Resp: 84190

Ion Ratio Lower Upper

156 100

77 167.3 87.1 261.3

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 47.398 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019191.D

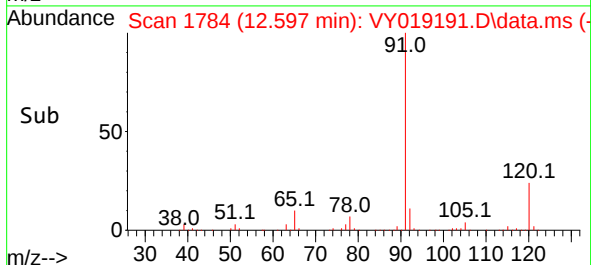
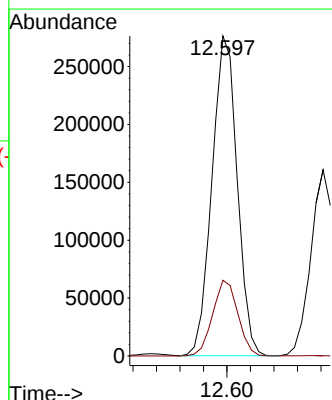
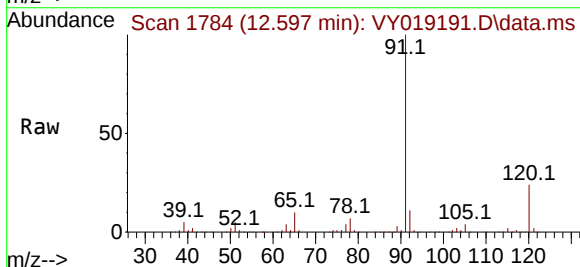
Acq: 22 Aug 2024 01:25

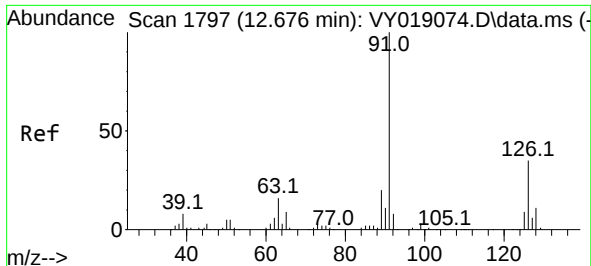
Tgt Ion: 91 Resp: 411766

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

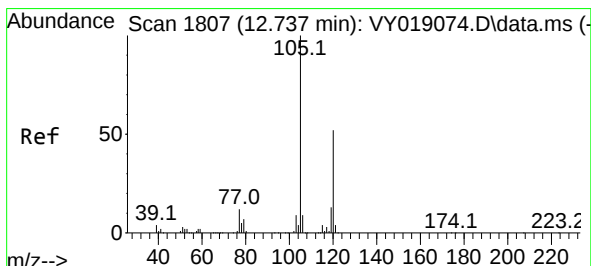
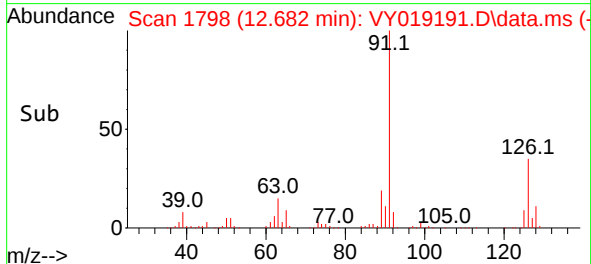
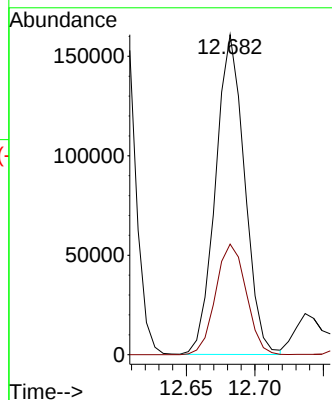
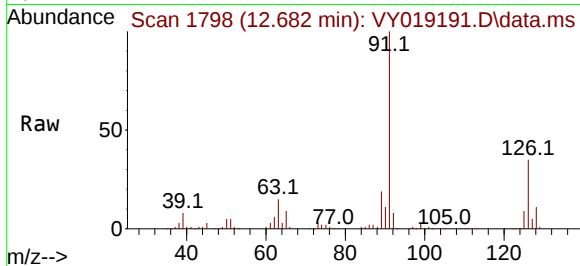




#79
2-Chlorotoluene
Concen: 48.681 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

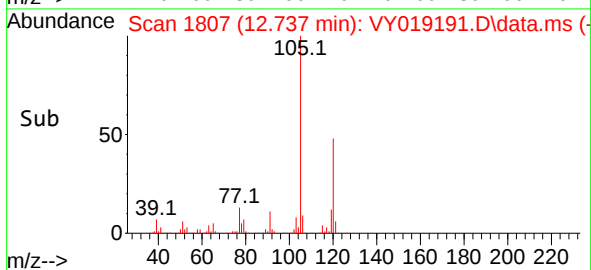
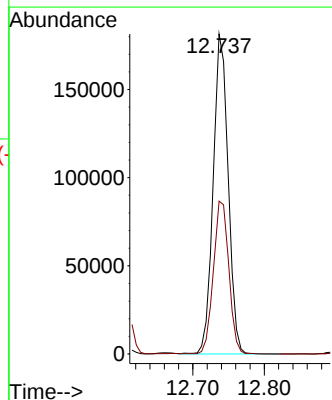
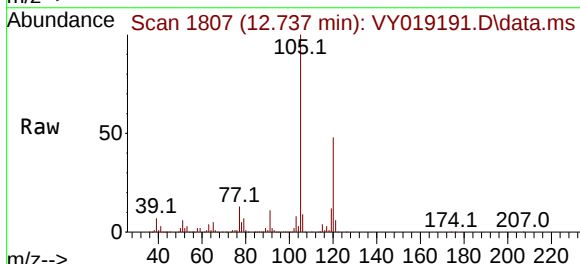
Instrument :
MSVOA_Y
ClientSampleId :

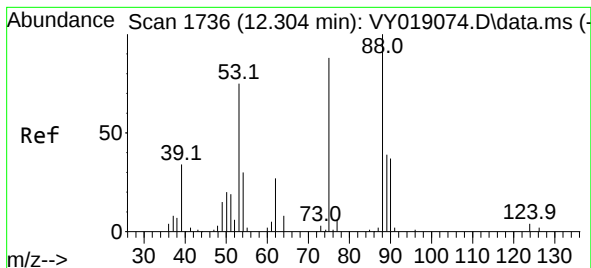
Tgt Ion: 91 Resp: 237105
Ion Ratio Lower Upper
91 100
126 36.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 44.593 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 105 Resp: 264001
Ion Ratio Lower Upper
105 100
120 49.2 25.1 75.2

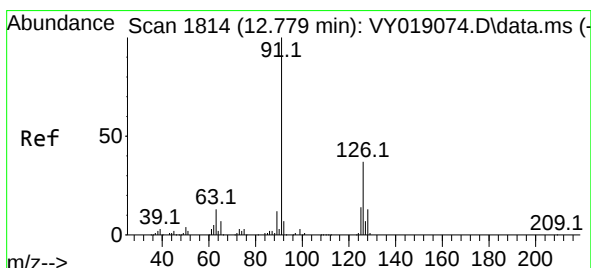
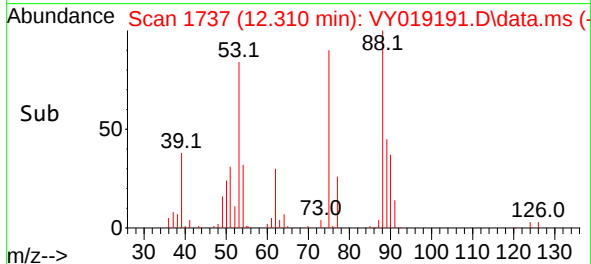
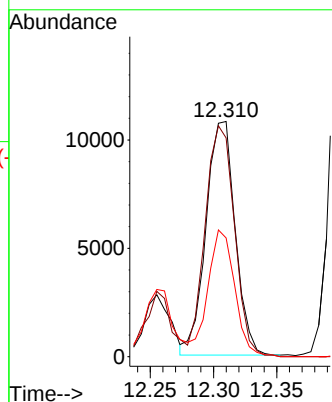
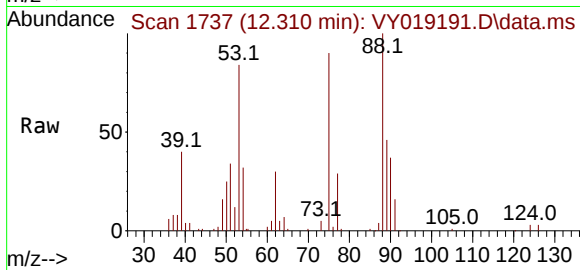




#81
trans-1,4-Dichloro-2-butene
Concen: 45.767 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

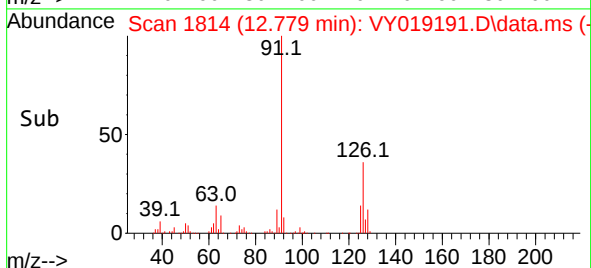
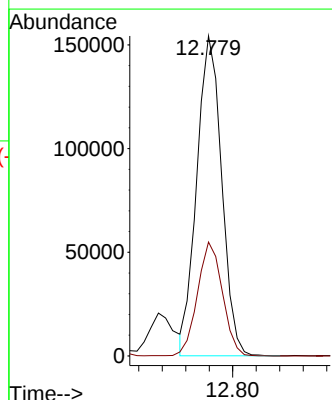
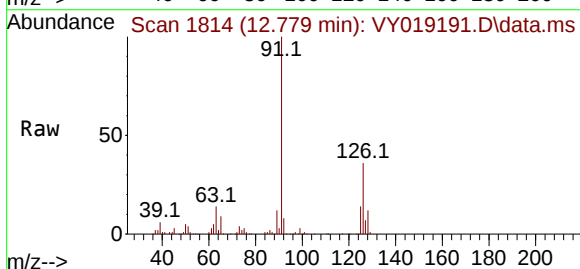
Instrument :
MSVOA_Y
ClientSampleId :

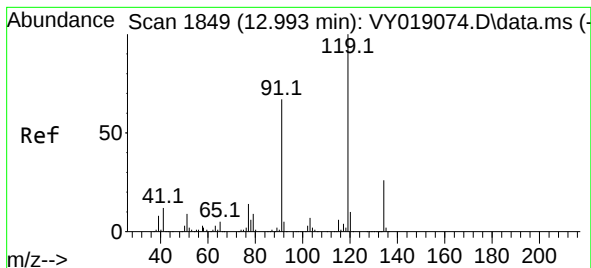
Tgt Ion: 75 Resp: 17328
Ion Ratio Lower Upper
75 100
53 98.7 66.8 100.2
89 49.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 44.777 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

Tgt Ion: 91 Resp: 226899
Ion Ratio Lower Upper
91 100
126 35.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 44.603 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

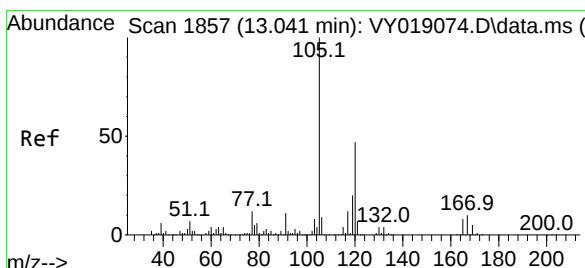
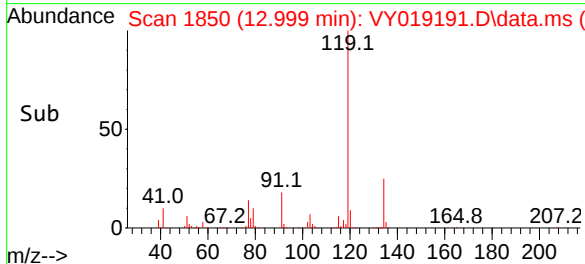
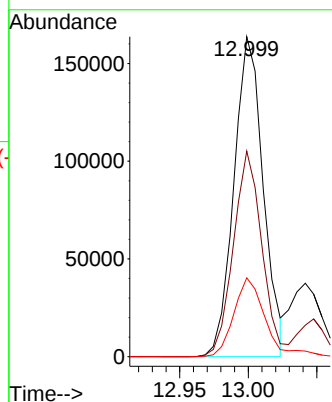
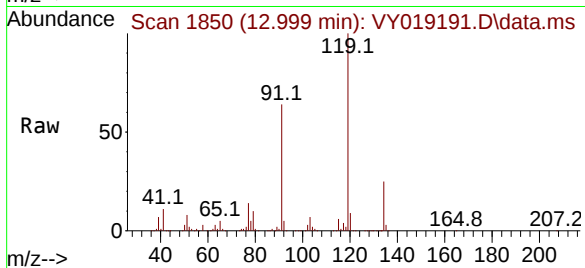
Tgt Ion:119 Resp: 243855

Ion Ratio Lower Upper

119 100

91 62.8 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 44.821 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019191.D

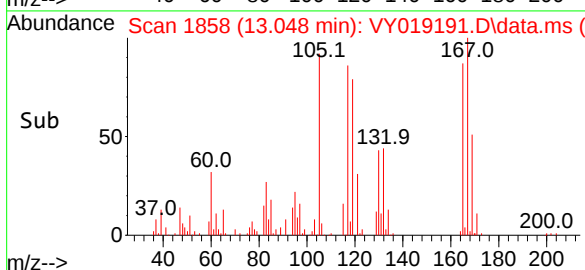
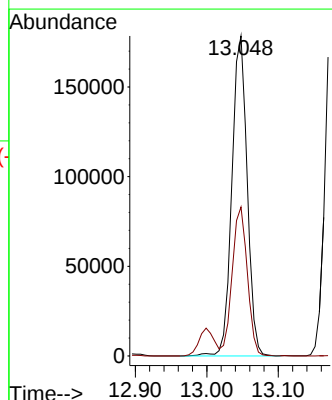
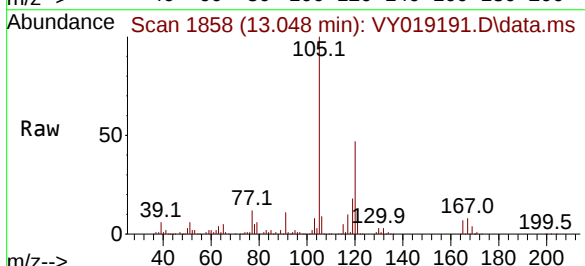
Acq: 22 Aug 2024 01:25

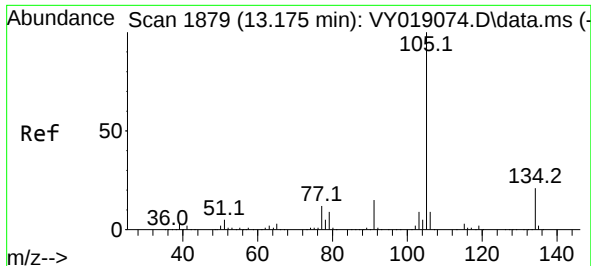
Tgt Ion:105 Resp: 264462

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6

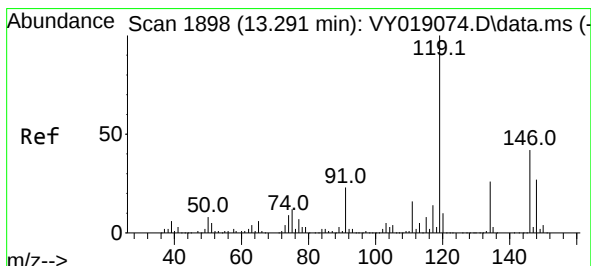
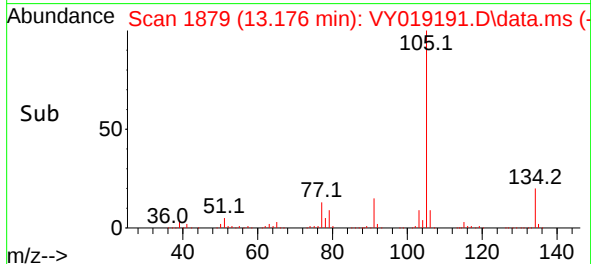
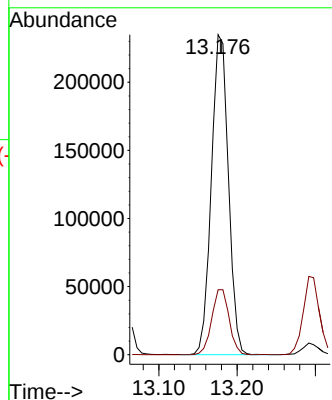
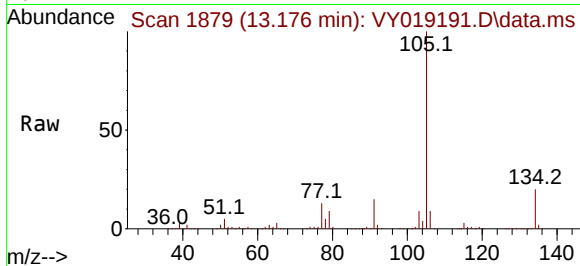




#85
 sec-Butylbenzene
 Concen: 44.477 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY019191.D
 Acq: 22 Aug 2024 01:25

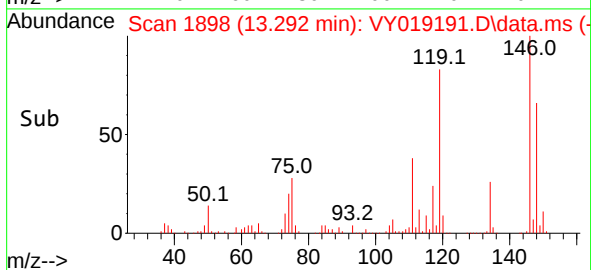
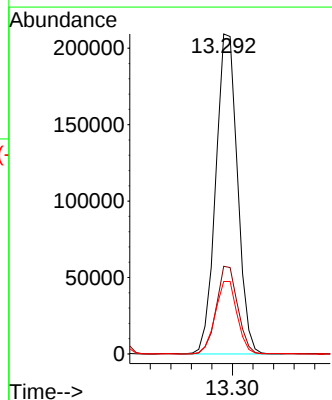
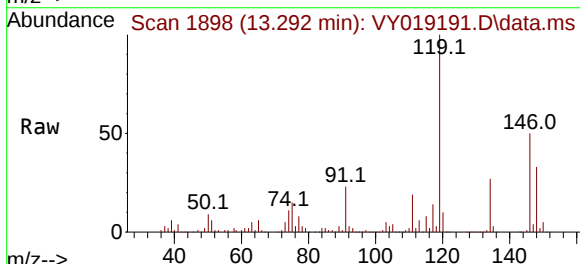
Instrument :
 MSVOA_Y
 ClientSampleId :

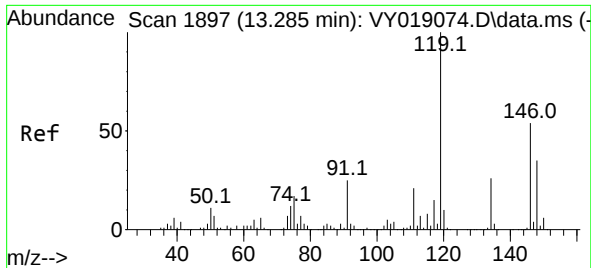
Tgt Ion:105 Resp: 354356
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 46.805 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019191.D
 Acq: 22 Aug 2024 01:25

Tgt Ion:119 Resp: 306302
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 22.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 46.750 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

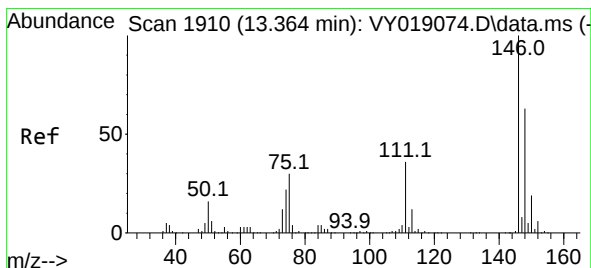
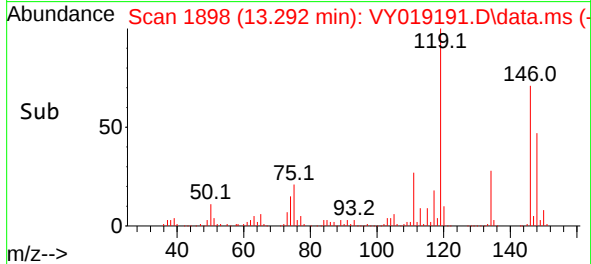
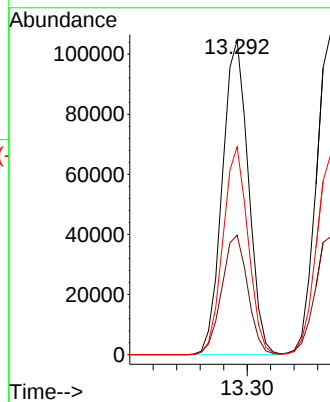
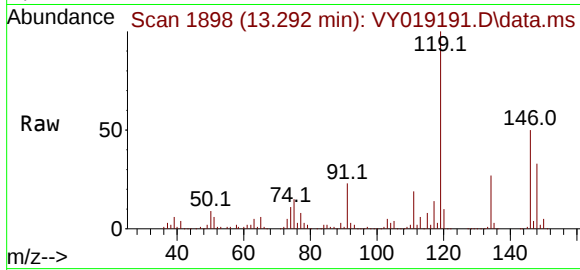
Tgt Ion:146 Resp: 160910

Ion Ratio Lower Upper

146 100

111 38.1 19.0 57.0

148 63.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 46.459 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

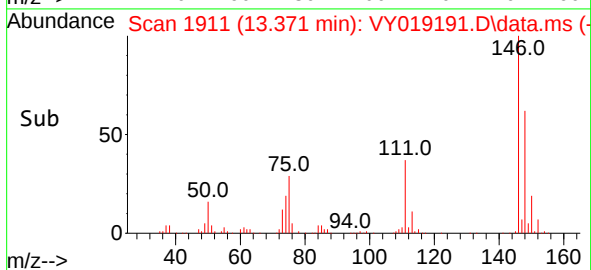
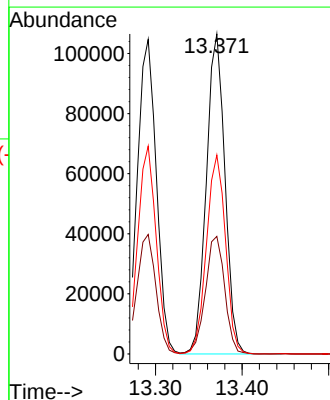
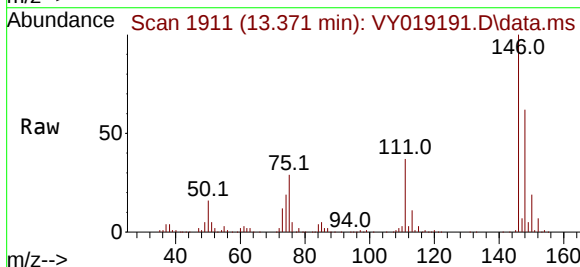
Tgt Ion:146 Resp: 158953

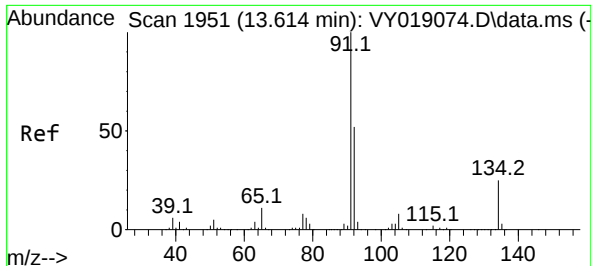
Ion Ratio Lower Upper

146 100

111 38.3 18.4 55.4

148 63.6 32.4 97.2

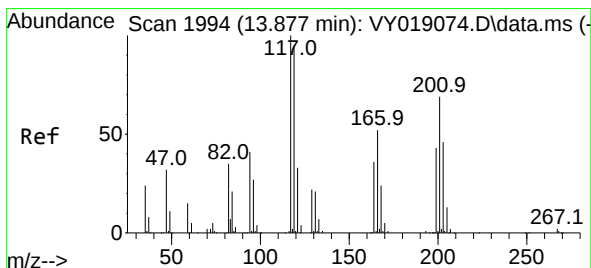
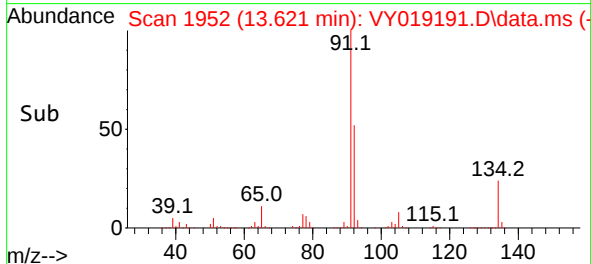
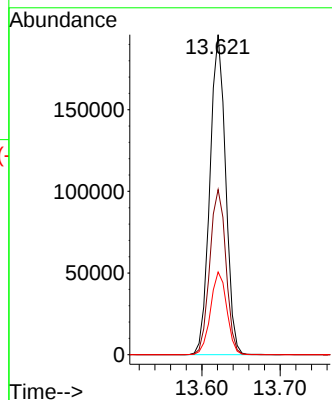
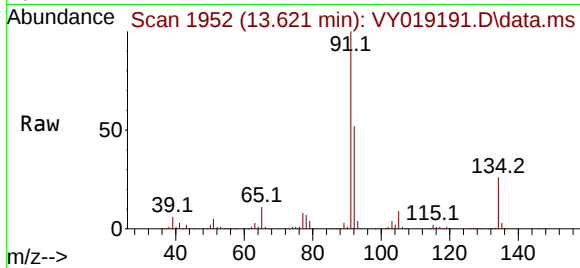




#89
n-Butylbenzene
Concen: 45.702 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

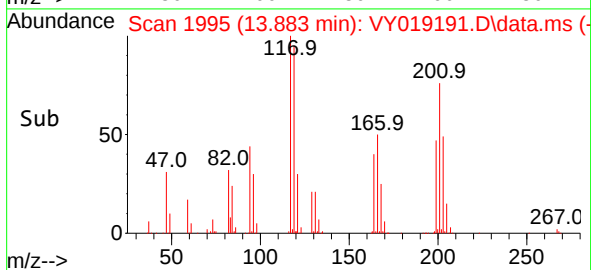
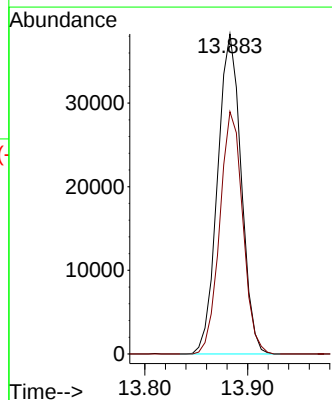
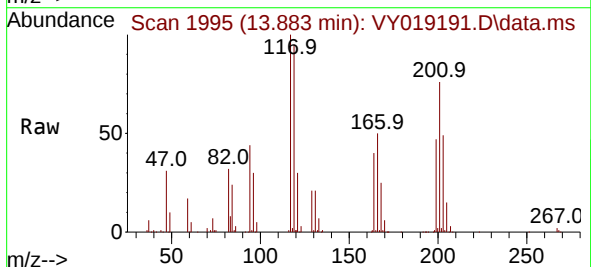
Instrument :
MSVOA_Y
ClientSampleId :

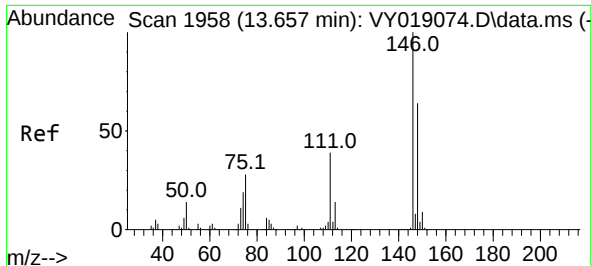
Tgt Ion: 91 Resp: 272677
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 26.7 12.9 38.7



#90
Hexachloroethane
Concen: 47.279 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY019191.D
Acq: 22 Aug 2024 01:25

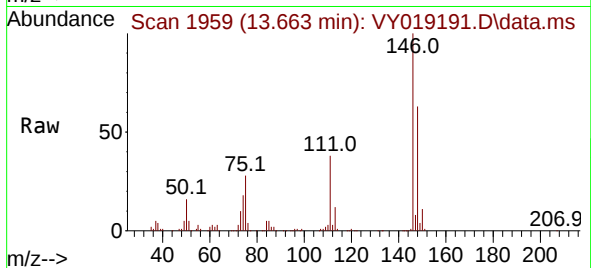
Tgt Ion: 117 Resp: 60985
Ion Ratio Lower Upper
117 100
201 73.8 37.4 112.2



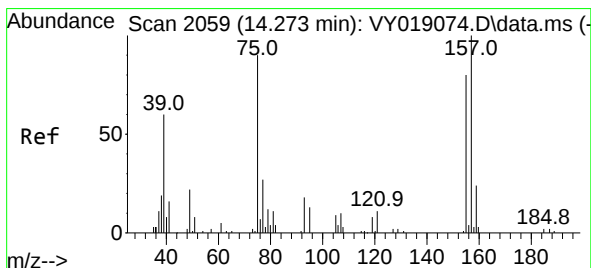
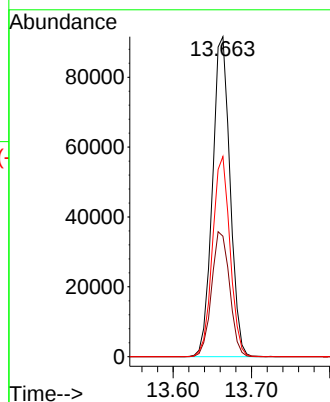
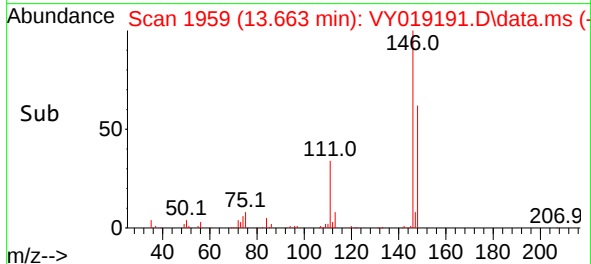


#91
 1,2-Dichlorobenzene
 Concen: 47.106 ug/l
 RT: 13.663 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: VY019191.D
 Acq: 22 Aug 2024 01:25

Instrument :
 MSVOA_Y
 ClientSampleId :

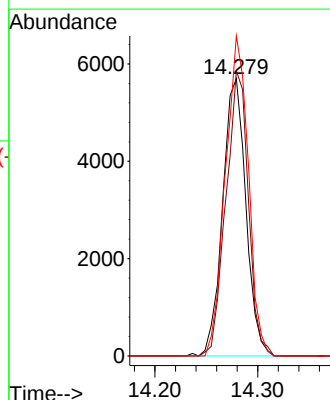
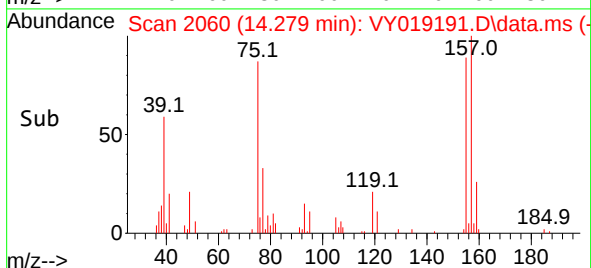
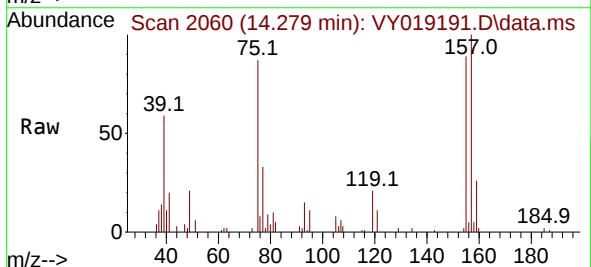


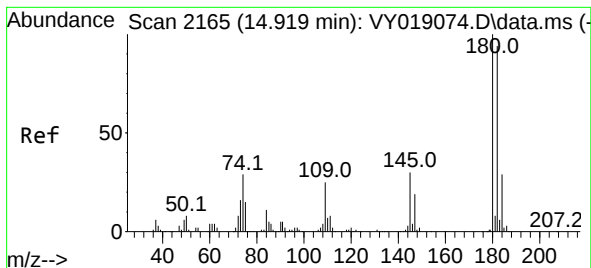
Tgt Ion:146 Resp: 142597
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.7
 148 62.4 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.087 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY019191.D
 Acq: 22 Aug 2024 01:25

Tgt Ion: 75 Resp: 8962
 Ion Ratio Lower Upper
 75 100
 155 98.9 48.6 145.8
 157 113.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 44.213 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

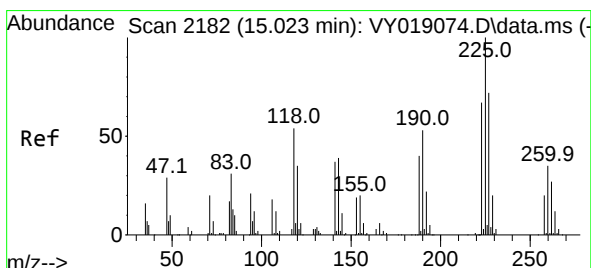
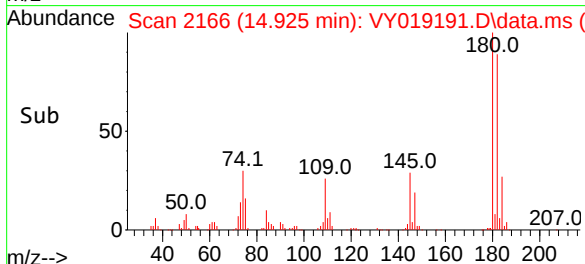
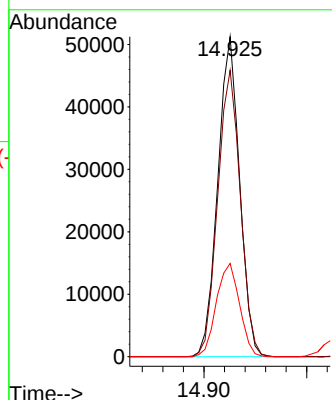
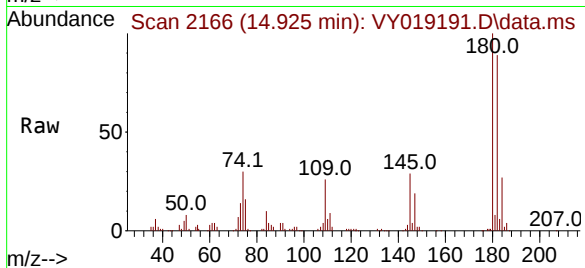
Tgt Ion:180 Resp: 75477

Ion Ratio Lower Upper

180 100

182 92.7 47.9 143.8

145 30.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.939 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

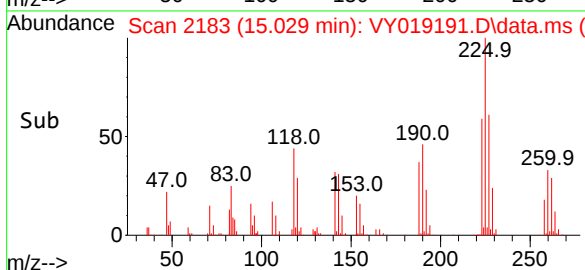
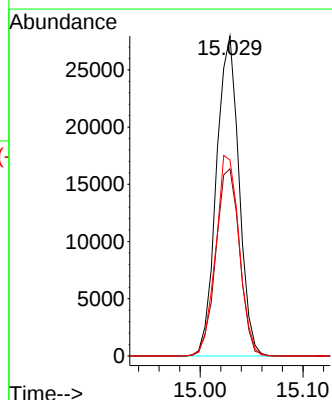
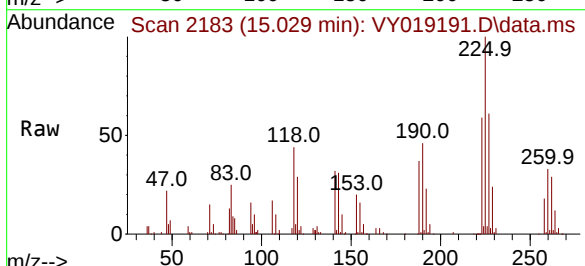
Tgt Ion:225 Resp: 42627

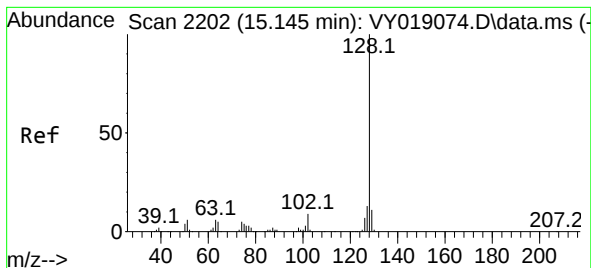
Ion Ratio Lower Upper

225 100

223 61.4 30.4 91.2

227 65.2 31.9 95.9





#95

Naphthalene

Concen: 46.287 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Instrument :

MSVOA_Y

ClientSampleId :

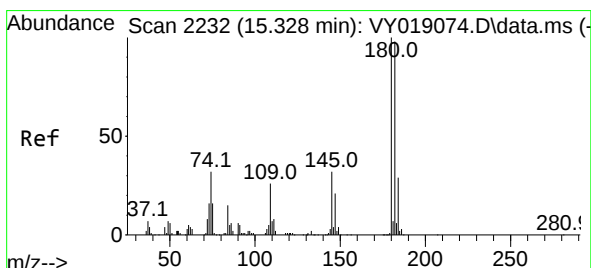
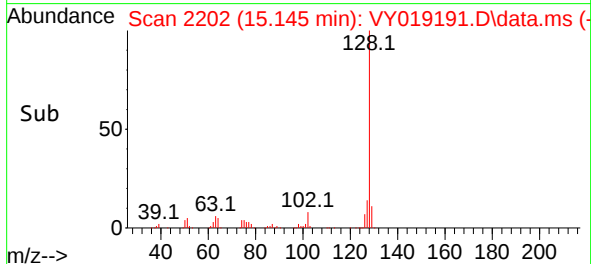
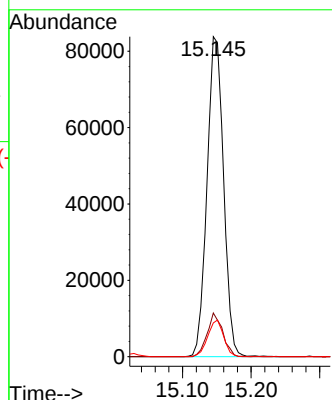
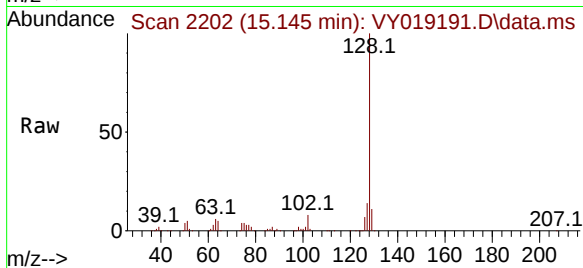
Tgt Ion:128 Resp: 141024

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.296 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019191.D

Acq: 22 Aug 2024 01:25

Tgt Ion:180 Resp: 63779

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.9

145 32.0 15.4 46.1

