

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019593.D
 Acq On : 17 Sep 2024 18:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 18 01:34:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	316105	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	573389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	495429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	233097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160046	54.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.360%	
35) Dibromofluoromethane	7.628	113	163398	50.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.520%	
50) Toluene-d8	10.109	98	601941	50.059	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	12.402	95	214826	46.463	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.920%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	87823	50.906	ug/l	97
3) Chloromethane	2.068	50	151963	58.105	ug/l	98
4) Vinyl Chloride	2.202	62	177288	62.690	ug/l	97
5) Bromomethane	2.598	94	131872	75.915	ug/l	99
6) Chloroethane	2.739	64	126229	68.279	ug/l	97
7) Trichlorofluoromethane	3.056	101	288131	61.121	ug/l	99
8) Diethyl Ether	3.452	74	95334	60.246	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.818	101	169406	58.091	ug/l	95
10) Methyl Iodide	4.001	142	202598	54.187	ug/l	91
11) Tert butyl alcohol	4.860	59	78115	330.459	ug/l	# 84
12) 1,1-Dichloroethene	3.787	96	165379	58.968	ug/l	86
13) Acrolein	3.647	56	23930	207.869	ug/l	99
14) Allyl chloride	4.385	41	288790	57.420	ug/l	# 93
15) Acrylonitrile	5.049	53	211259	309.625	ug/l	99
16) Acetone	3.873	43	165197	236.899	ug/l	# 85
17) Carbon Disulfide	4.104	76	445340	58.772	ug/l	98
18) Methyl Acetate	4.379	43	113469	59.960	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	482130	60.698	ug/l	99
20) Methylene Chloride	4.610	84	193341	60.796	ug/l	89
21) trans-1,2-Dichloroethene	5.110	96	192212	62.528	ug/l	91
22) Diisopropyl ether	6.012	45	640742	62.040	ug/l	94
23) Vinyl Acetate	5.958	43	1762383	298.749	ug/l	# 93
24) 1,1-Dichloroethane	5.909	63	372001	64.188	ug/l	97
25) 2-Butanone	6.890	43	272985	275.248	ug/l	88
26) 2,2-Dichloropropane	6.878	77	286841	54.870	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	241493	64.673	ug/l	90
28) Bromochloromethane	7.238	49	138706	56.883	ug/l	84
29) Tetrahydrofuran	7.262	42	177301	294.023	ug/l	87
30) Chloroform	7.415	83	390808	66.057	ug/l	99
31) Cyclohexane	7.701	56	285365	54.475	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	336310	63.420	ug/l	97
36) 1,1-Dichloropropene	7.835	75	258454	58.425	ug/l	96
37) Ethyl Acetate	6.976	43	128467	56.679	ug/l	96
38) Carbon Tetrachloride	7.817	117	290505	58.235	ug/l	98
39) Methylcyclohexane	9.109	83	317257	53.891	ug/l	90
40) Benzene	8.079	78	812681	59.645	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	74741	56.569	ug/l	# 88
42) 1,2-Dichloroethane	8.152	62	228320	62.274	ug/l	96
43) Isopropyl Acetate	8.195	43	263618	55.360	ug/l	91
44) Trichloroethene	8.866	130	205535	58.655	ug/l	95
45) 1,2-Dichloropropane	9.140	63	198836	59.692	ug/l	98
46) Dibromomethane	9.231	93	110734	60.790	ug/l	95
47) Bromodichloromethane	9.420	83	296438	60.540	ug/l	96
48) Methyl methacrylate	9.219	41	121558	54.056	ug/l	84
49) 1,4-Dioxane	9.231	88	24092	1123.491	ug/l	# 88
51) 4-Methyl-2-Pentanone	10.000	43	667761	278.735	ug/l	92
52) Toluene	10.170	92	524692	59.876	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	261649	56.055	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	302792	55.710	ug/l	# 88
55) 1,1,2-Trichloroethane	10.573	97	149568	59.458	ug/l	98
56) Ethyl methacrylate	10.438	69	217554	56.933	ug/l	# 81
57) 1,3-Dichloropropane	10.719	76	255650	59.124	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	461435	260.176	ug/l	97
59) 2-Hexanone	10.762	43	444815	253.260	ug/l	90
60) Dibromochloromethane	10.908	129	199357	59.910	ug/l	98
61) 1,2-Dibromoethane	11.012	107	134561	57.411	ug/l	100
64) Tetrachloroethene	10.646	164	189507	61.770	ug/l	93
65) Chlorobenzene	11.438	112	575110	59.013	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	197130	58.423	ug/l	99
67) Ethyl Benzene	11.518	91	1018490	58.818	ug/l	98
68) m/p-Xylenes	11.627	106	761073	116.238	ug/l	94
69) o-Xylene	11.957	106	375757	58.682	ug/l	96
70) Styrene	11.969	104	633896	58.634	ug/l	96
71) Bromoform	12.133	173	107178	55.613	ug/l	# 98
73) Isopropylbenzene	12.255	105	977857	57.826	ug/l	99
74) N-amyl acetate	12.072	43	240493	52.292	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	173160	57.691	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	214977	98.397	ug/l	# 100
77) Bromobenzene	12.530	156	213960	57.049	ug/l	91
78) n-propylbenzene	12.597	91	1163443	58.046	ug/l	98
79) 2-Chlorotoluene	12.676	91	675950	57.868	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	791176	57.551	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	54131	47.563	ug/l	92
82) 4-Chlorotoluene	12.773	91	687790	57.274	ug/l	97
83) tert-Butylbenzene	12.993	119	729312	58.600	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	781486	57.428	ug/l	96
85) sec-Butylbenzene	13.176	105	1027664	56.840	ug/l	99
86) p-Isopropyltoluene	13.292	119	843329	57.011	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	415370	56.996	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	408765	56.518	ug/l	97
89) n-Butylbenzene	13.615	91	781914	55.293	ug/l	99
90) Hexachloroethane	13.877	117	174456	56.681	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	368187	56.616	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24830	49.636	ug/l	88
93) 1,2,4-Trichlorobenzene	14.919	180	190149	48.074	ug/l	98
94) Hexachlorobutadiene	15.017	225	102250	48.391	ug/l	99
95) Naphthalene	15.139	128	383807	48.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	161885	47.849	ug/l	98

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QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

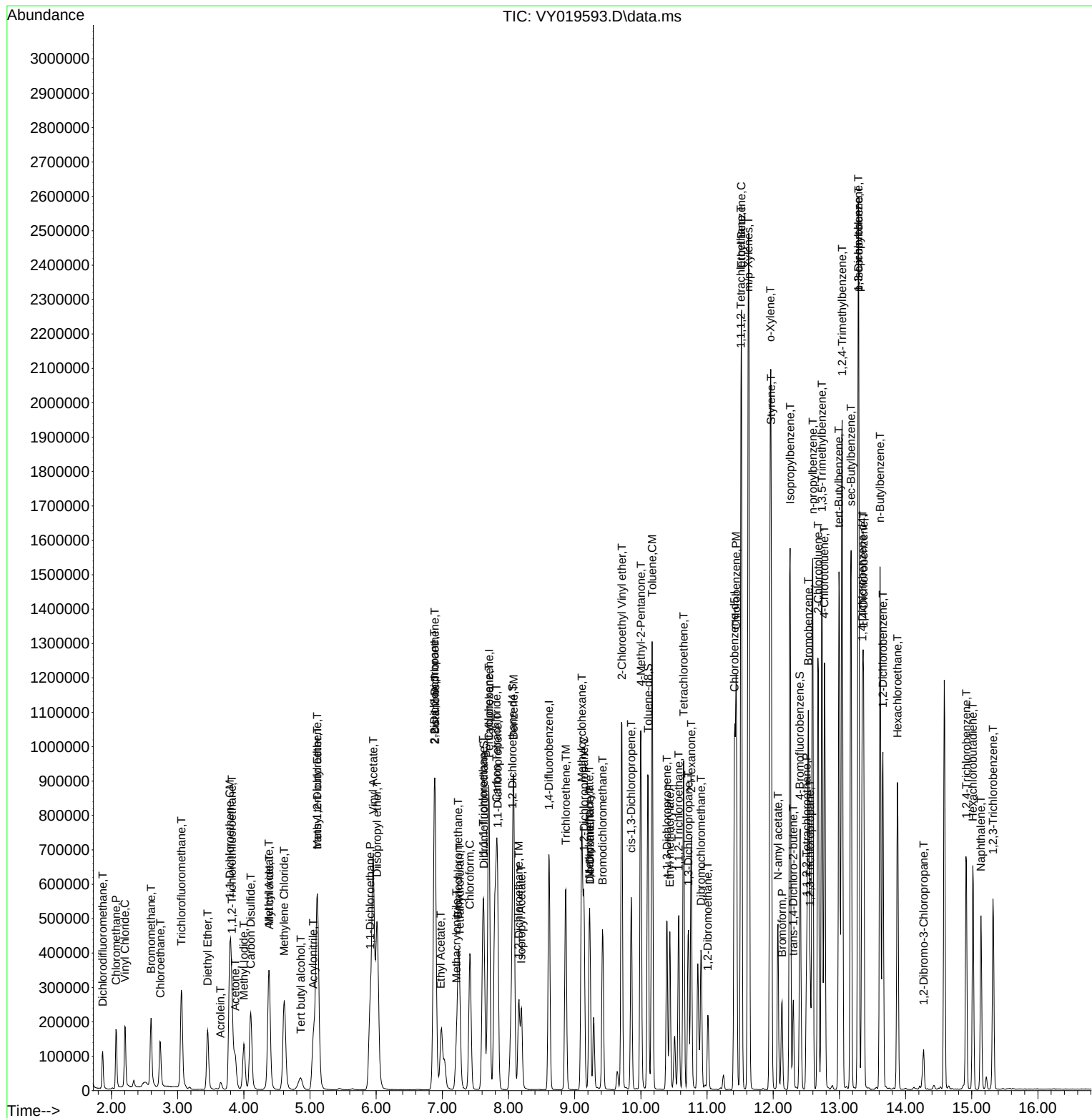
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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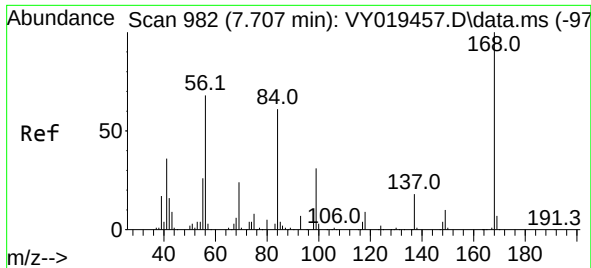
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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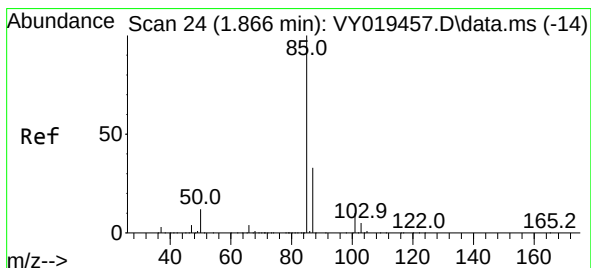
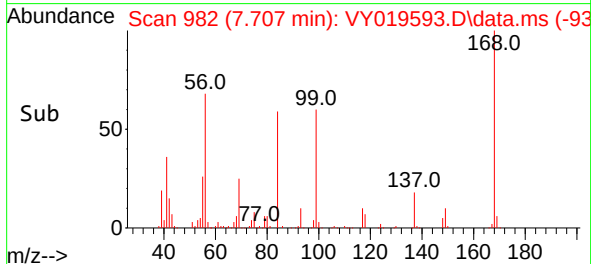
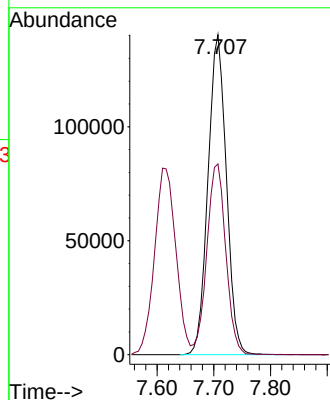
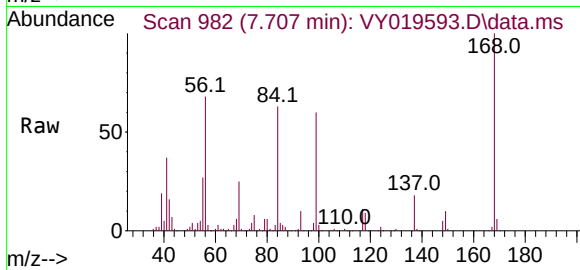




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019593.D
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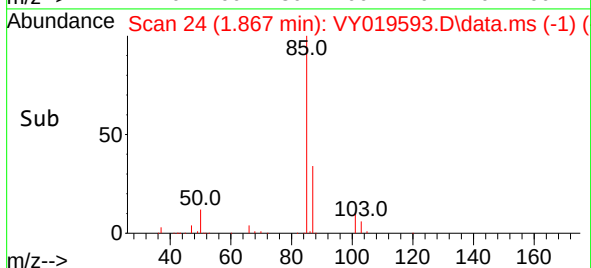
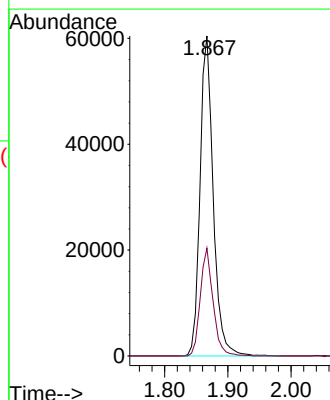
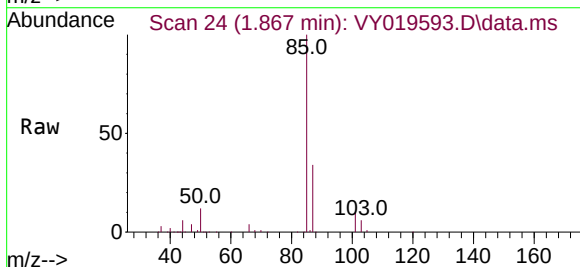
Instrument :
MSVOA_Y
ClientSampleId :

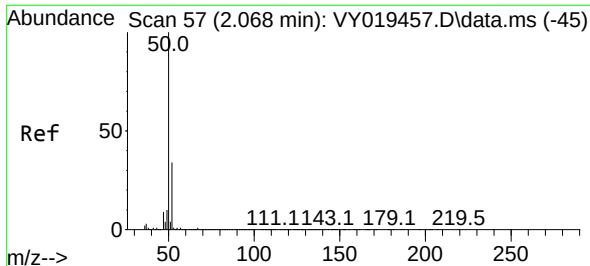
Tgt Ion:168 Resp: 316105
Ion Ratio Lower Upper
168 100
99 59.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 50.906 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 85 Resp: 87823
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0

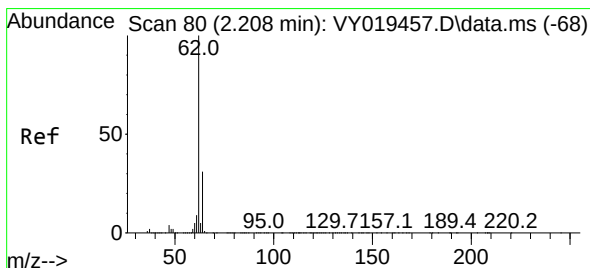
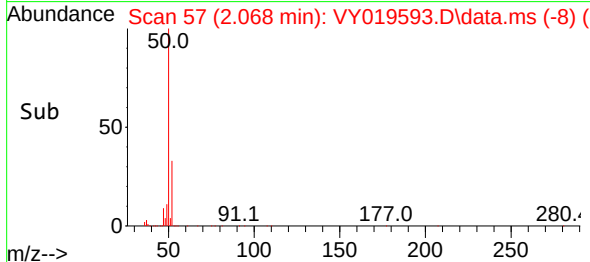
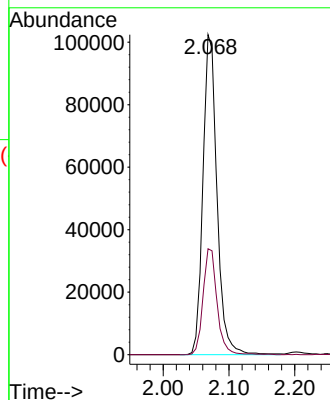
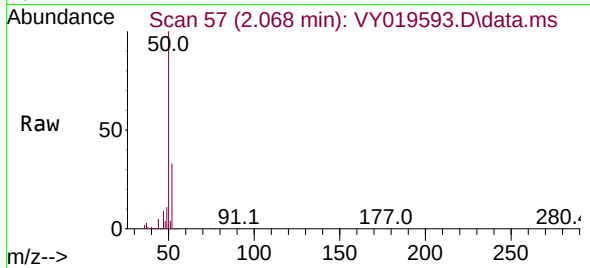




#3
Chloromethane
Concen: 58.105 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

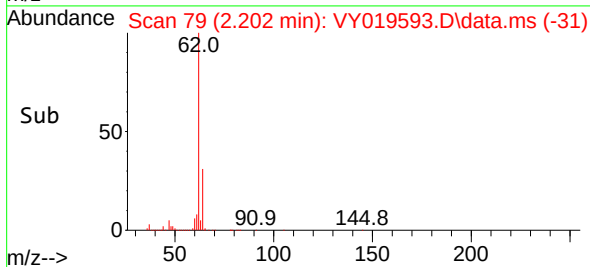
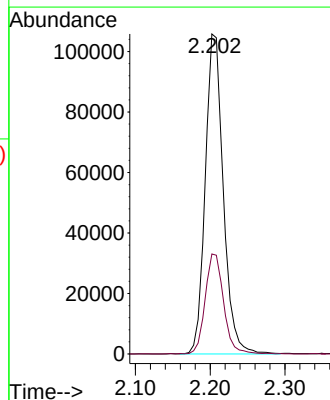
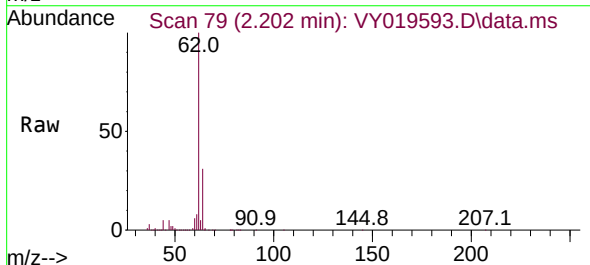
Instrument :
MSVOA_Y
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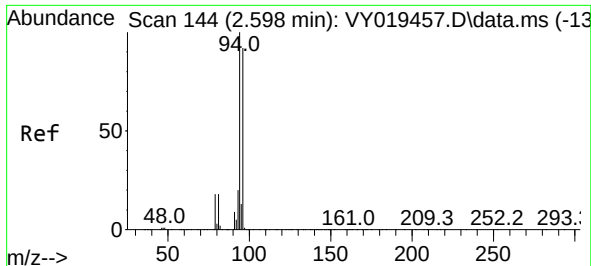
Tgt Ion: 50 Resp: 151963
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4



#4
Vinyl Chloride
Concen: 62.690 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 62 Resp: 177288
Ion Ratio Lower Upper
62 100
64 31.1 26.1 39.1

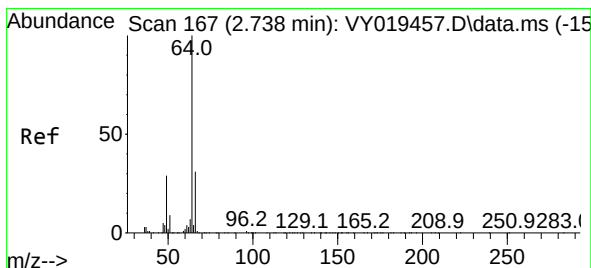
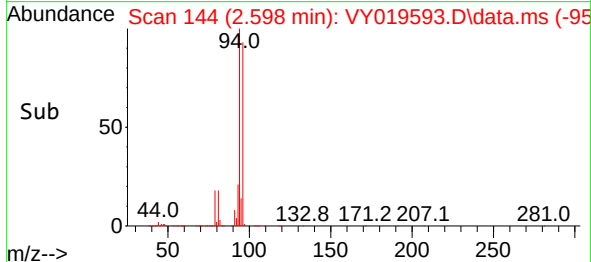
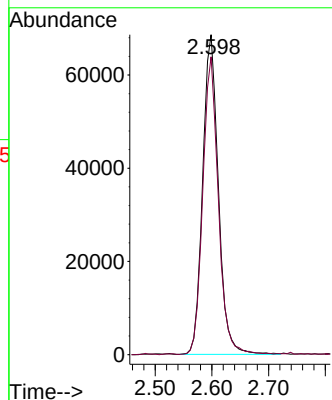
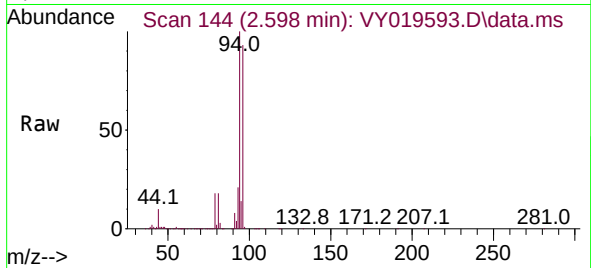




#5
Bromomethane
Concen: 75.915 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

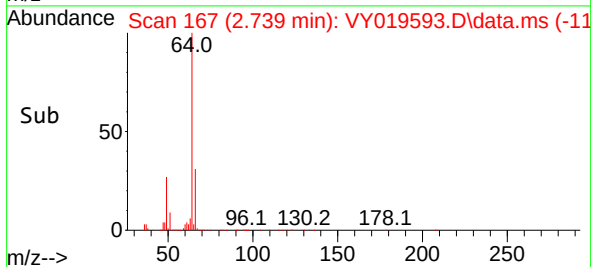
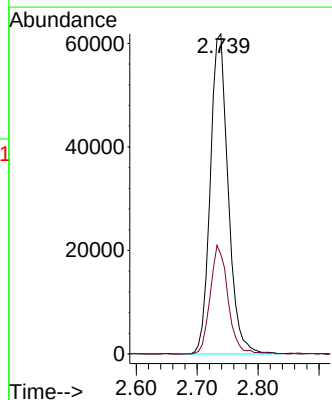
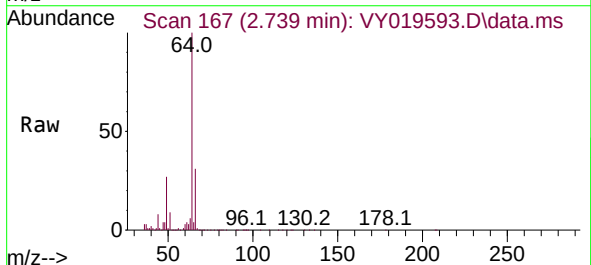
Instrument :
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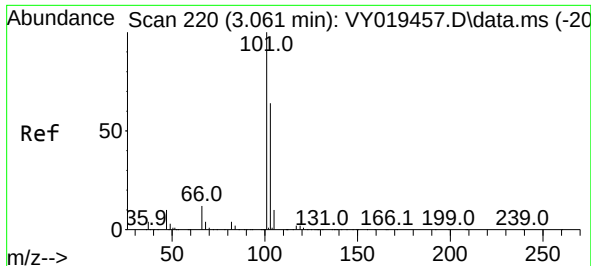
Tgt Ion: 94 Resp: 131872
Ion Ratio Lower Upper
94 100
96 93.1 74.1 111.1



#6
Chloroethane
Concen: 68.279 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 64 Resp: 126229
Ion Ratio Lower Upper
64 100
66 31.0 26.1 39.1

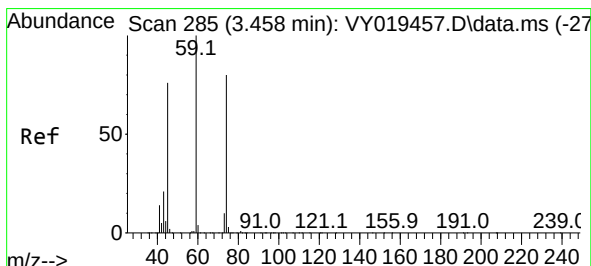
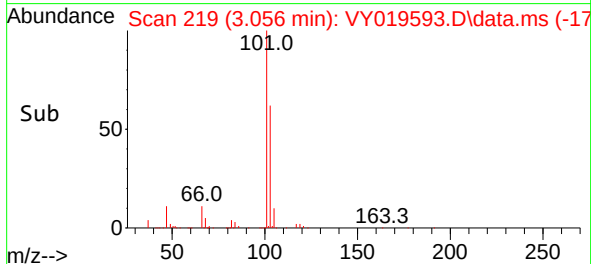
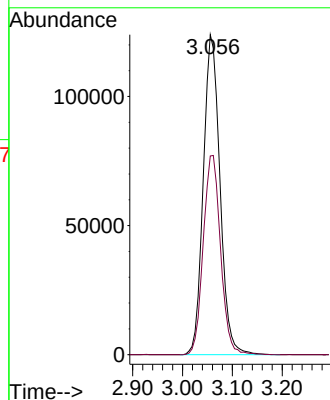
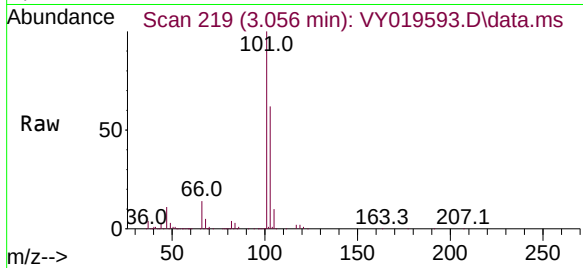




#7
 Trichlorofluoromethane
 Concen: 61.121 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019593.D
 Acq: 17 Sep 2024 18:08

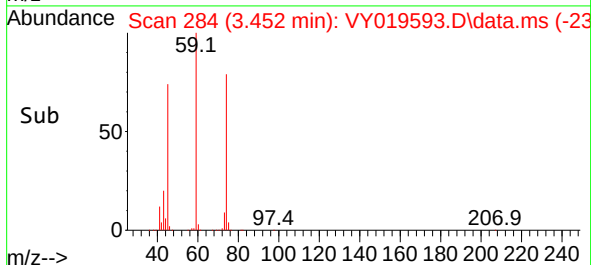
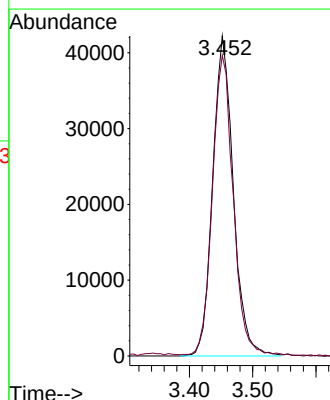
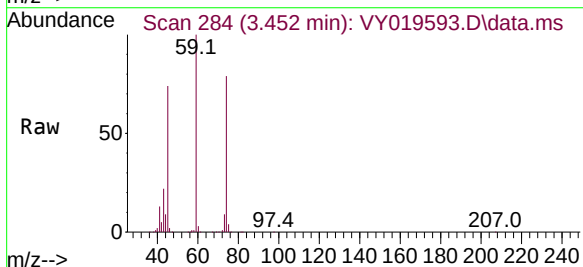
Instrument :
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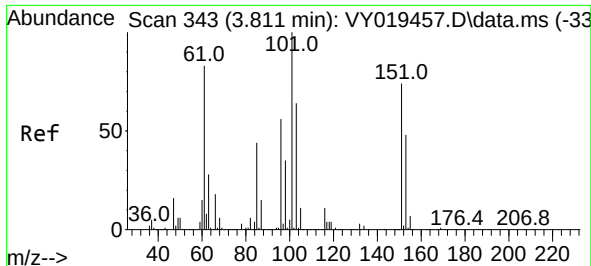
Tgt Ion:101 Resp: 288131
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 60.246 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 95334
 Ion Ratio Lower Upper
 74 100
 45 94.8 41.3 124.1

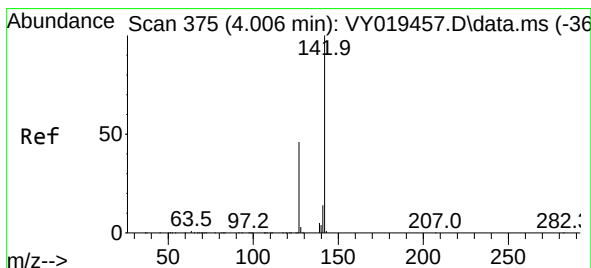
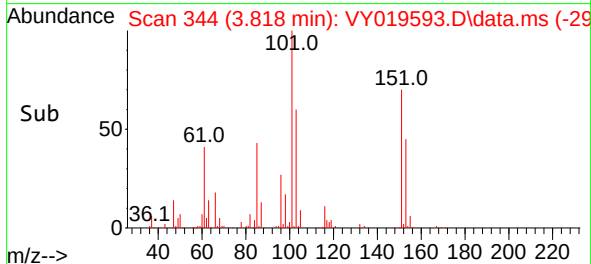
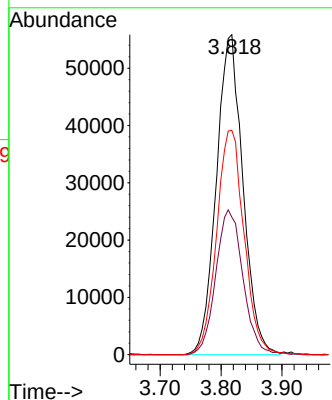
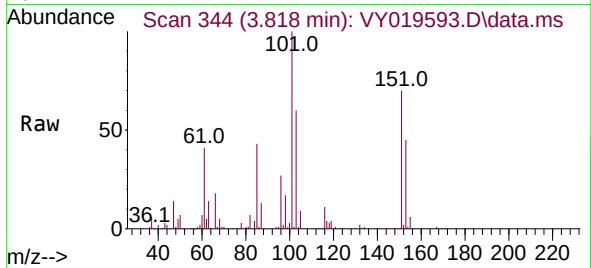




#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.091 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

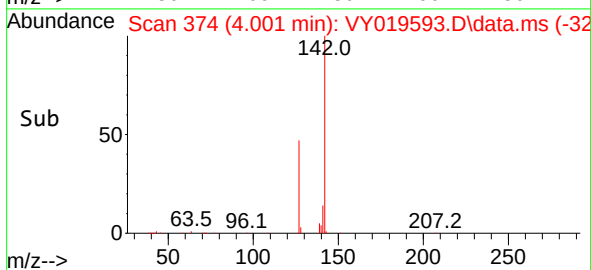
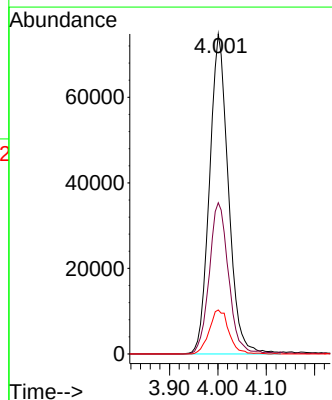
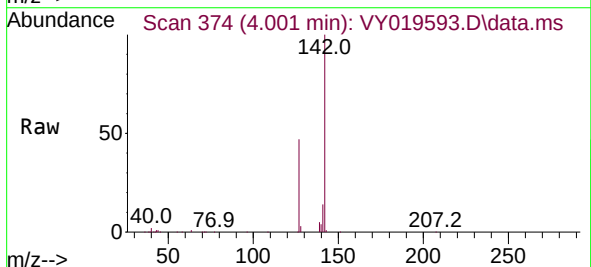
Instrument :
MSVOA_Y
ClientSampleId :

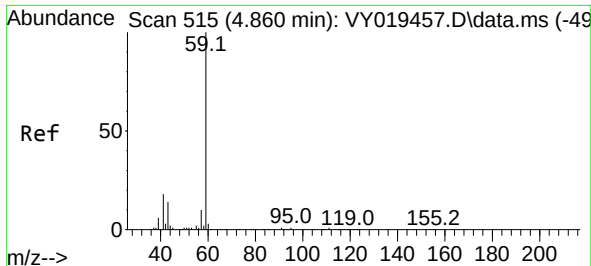
Tgt Ion:101 Resp: 169406
Ion Ratio Lower Upper
101 100
85 46.2 34.5 51.7
151 72.5 61.7 92.5



#10
Methyl Iodide
Concen: 54.187 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion:142 Resp: 202598
Ion Ratio Lower Upper
142 100
127 48.4 32.8 49.2
141 14.3 11.4 17.2

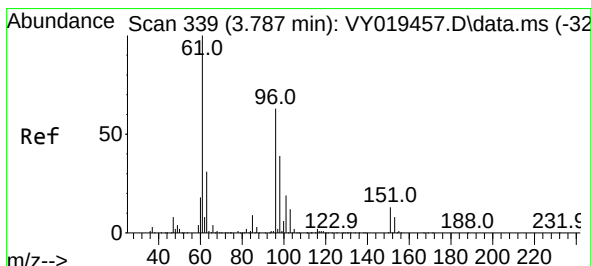
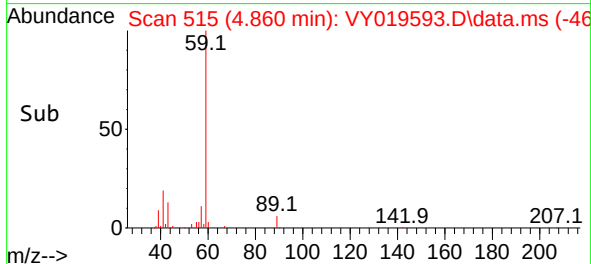
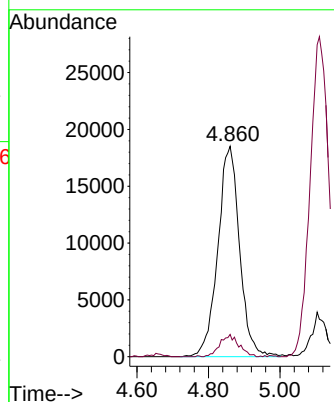
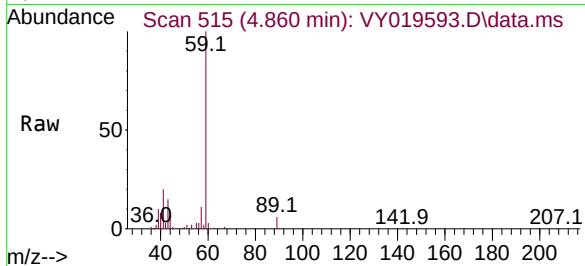




#11
Tert butyl alcohol
Concen: 330.459 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

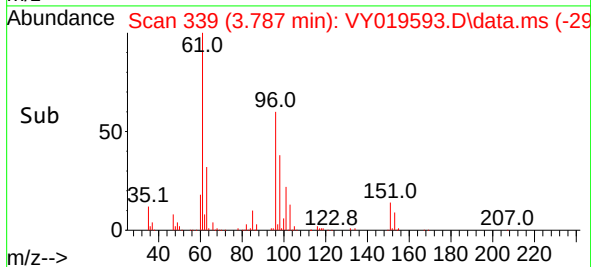
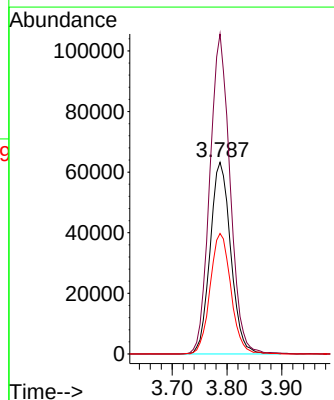
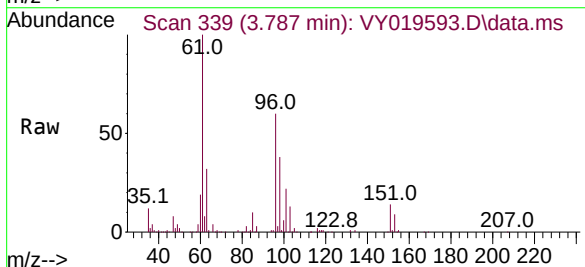
Instrument :
MSVOA_Y
ClientSampleId :

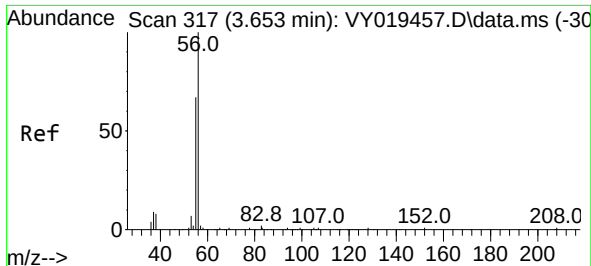
Tgt Ion: 59 Resp: 78115
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 58.968 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 96 Resp: 165379
Ion Ratio Lower Upper
96 100
61 167.0 114.6 171.8
98 62.9 50.8 76.2

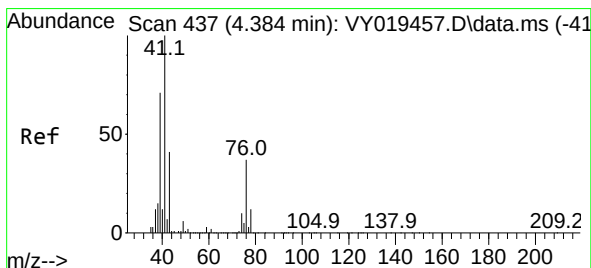
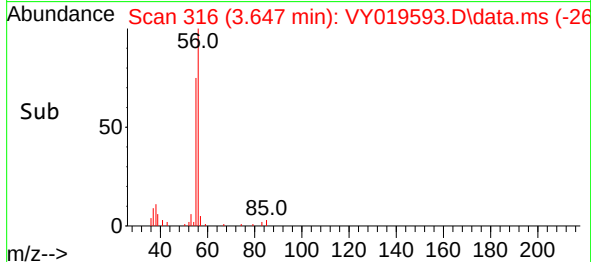
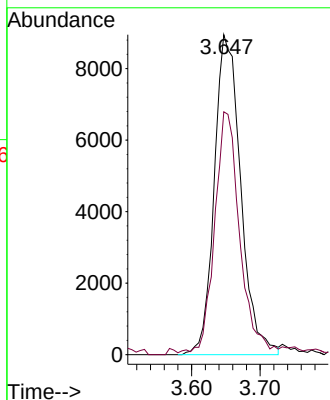
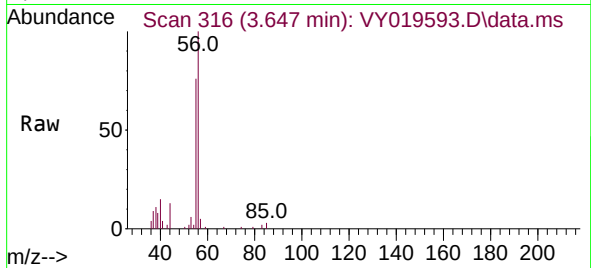




#13
Acrolein
Concen: 207.869 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

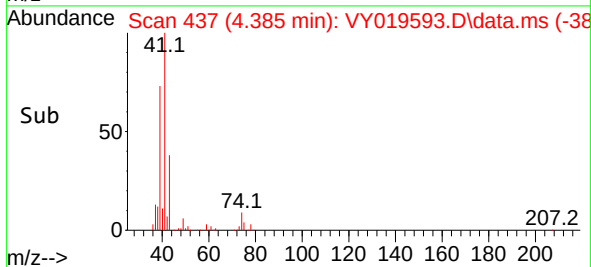
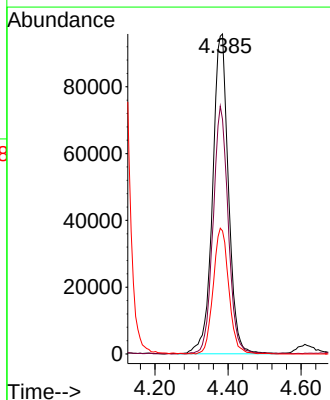
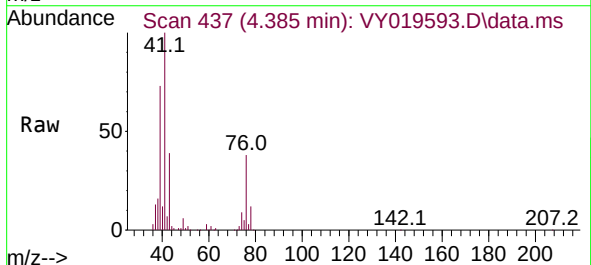
Instrument :
MSVOA_Y
ClientSampleId :

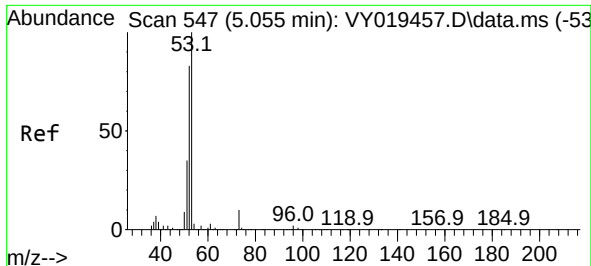
Tgt Ion: 56 Resp: 23930
Ion Ratio Lower Upper
56 100
55 70.6 55.7 83.5



#14
Allyl chloride
Concen: 57.420 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 41 Resp: 288790
Ion Ratio Lower Upper
41 100
39 73.8 58.3 87.5
76 38.3 39.0 58.6#

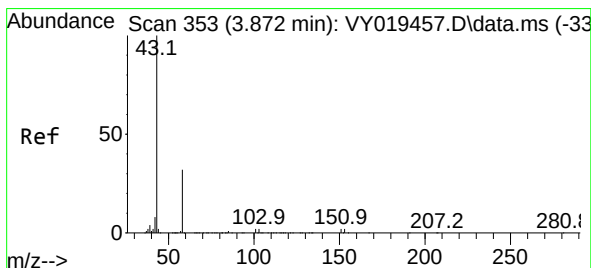
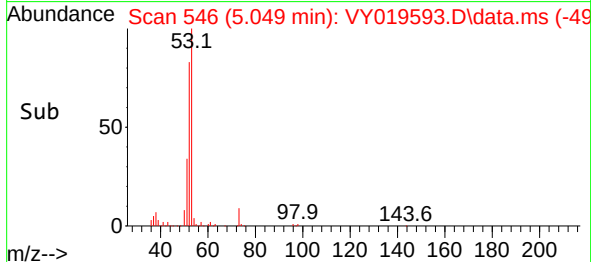
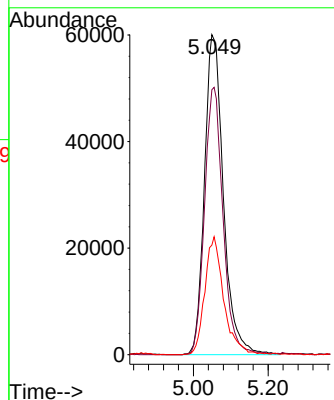
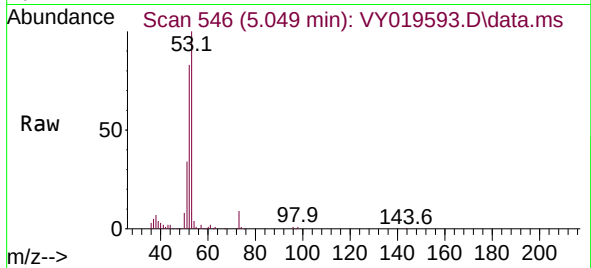




#15
Acrylonitrile
Concen: 309.625 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

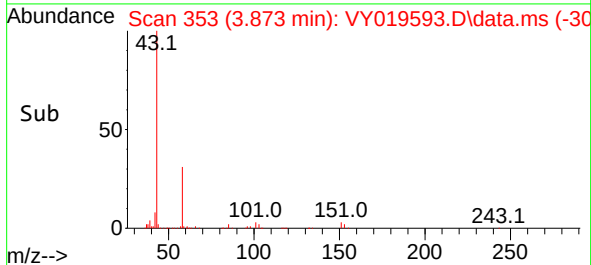
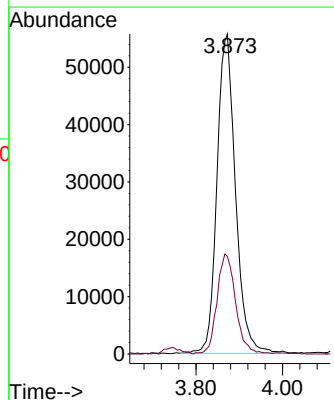
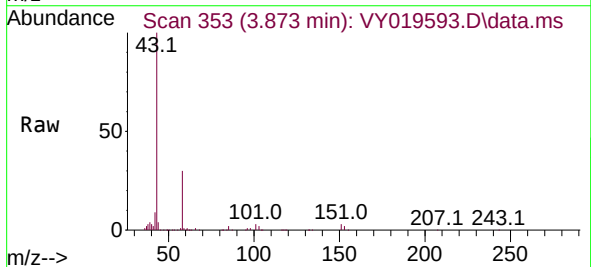
Instrument :
MSVOA_Y
ClientSampleId :

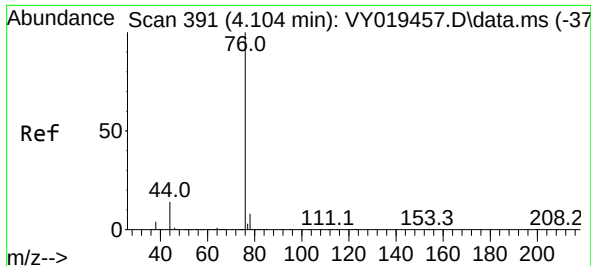
Tgt Ion: 53 Resp: 211259
Ion Ratio Lower Upper
53 100
52 81.7 64.7 97.1
51 37.0 28.4 42.6



#16
Acetone
Concen: 236.899 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 43 Resp: 165197
Ion Ratio Lower Upper
43 100
58 30.2 31.7 47.5#

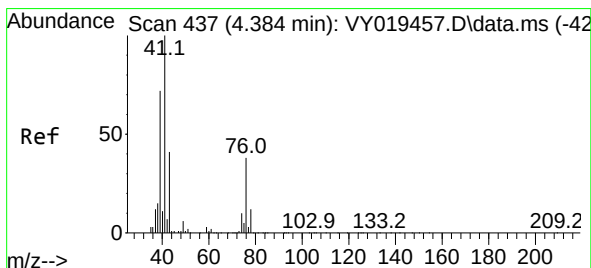
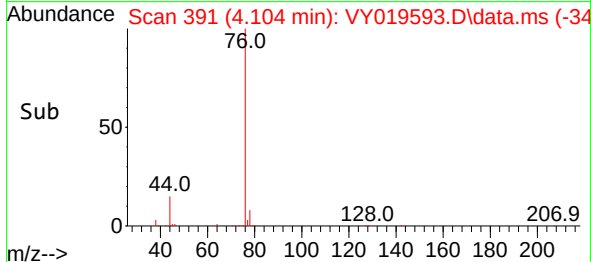
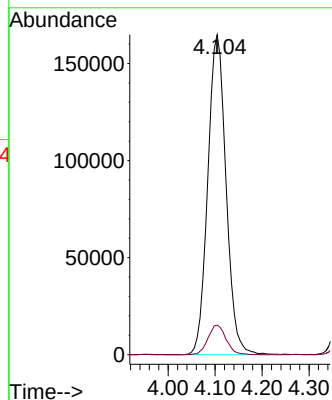
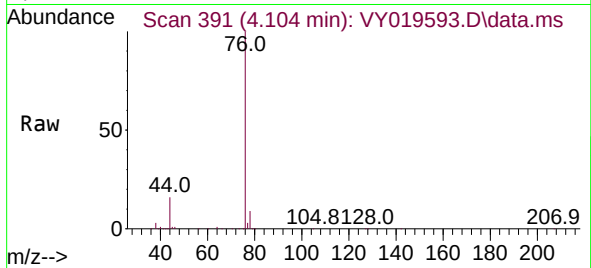




#17
Carbon Disulfide
Concen: 58.772 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

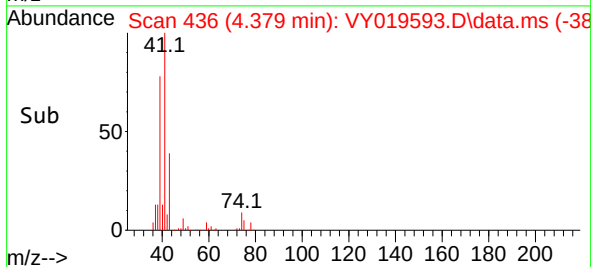
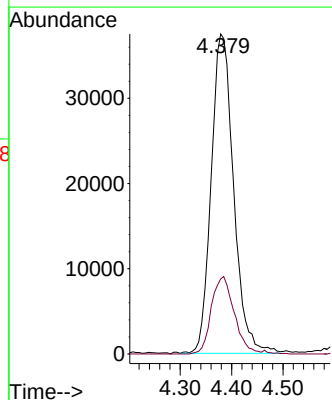
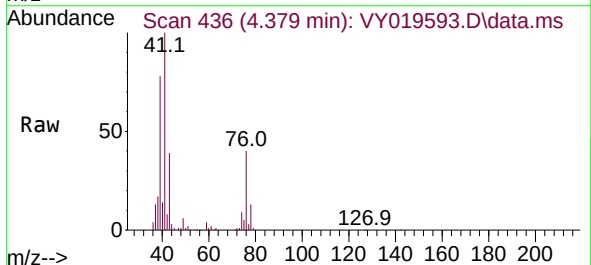
Instrument :
MSVOA_Y
ClientSampleId :

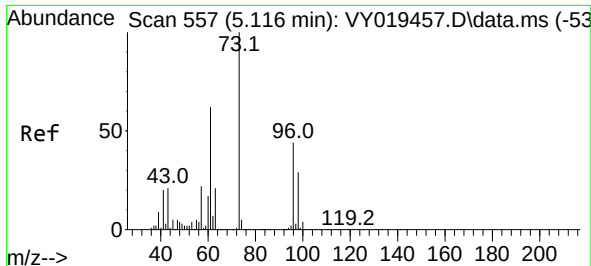
Tgt Ion: 76 Resp: 445340
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 59.960 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 43 Resp: 113469
Ion Ratio Lower Upper
43 100
74 24.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 60.698 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

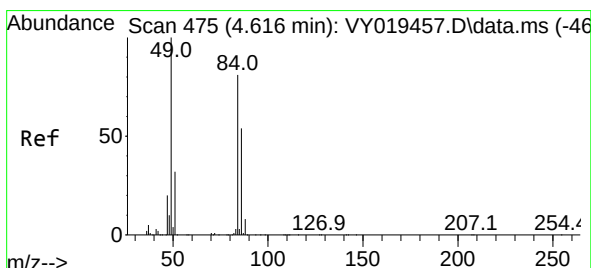
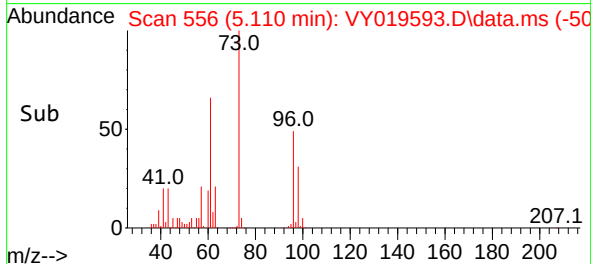
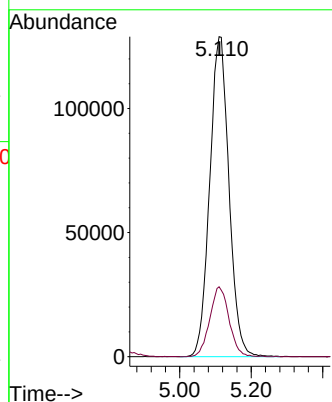
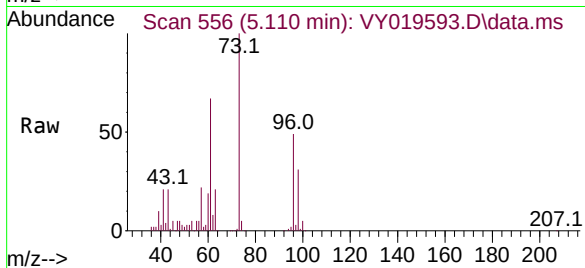
ClientSampleId :

Tgt Ion: 73 Resp: 482130

Ion Ratio Lower Upper

73 100

57 21.8 17.3 25.9



#20

Methylene Chloride

Concen: 60.796 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Tgt Ion: 84 Resp: 193341

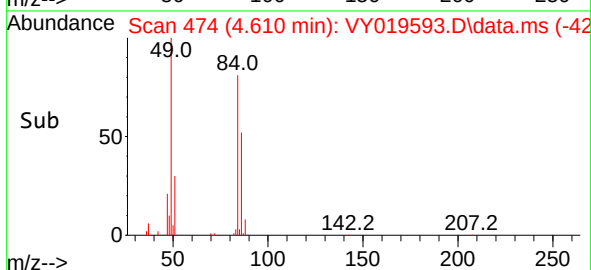
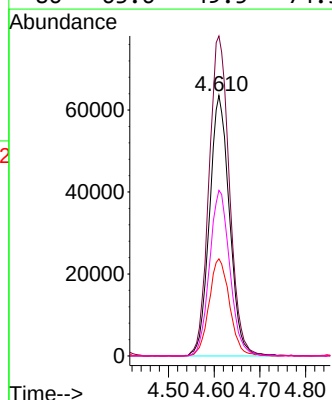
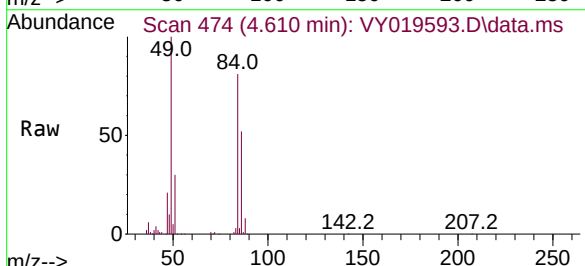
Ion Ratio Lower Upper

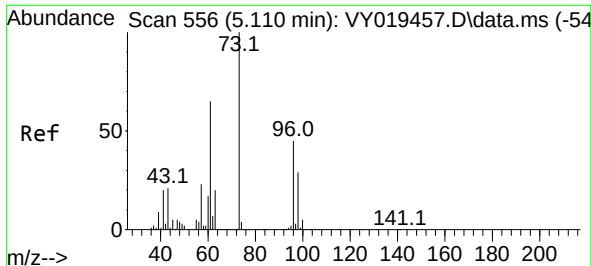
84 100

49 122.9 84.4 126.6

51 37.3 26.0 39.0

86 63.6 49.5 74.3

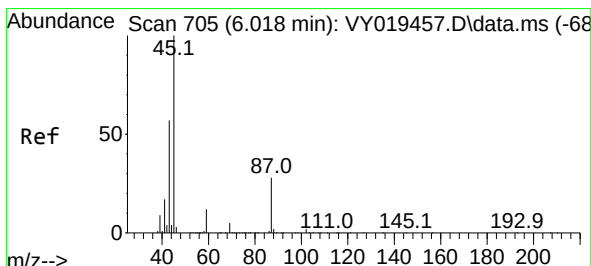
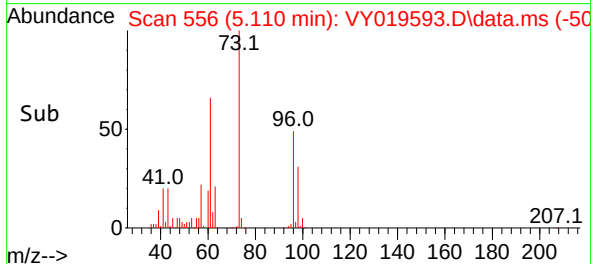
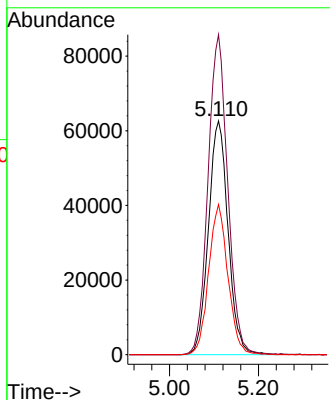
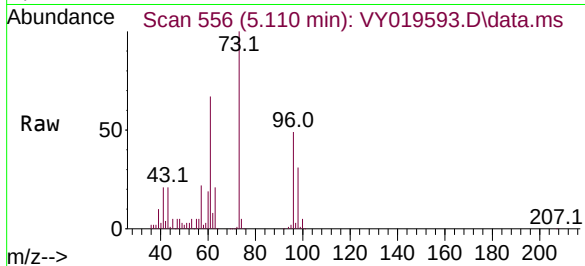




#21
trans-1,2-Dichloroethene
Concen: 62.528 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

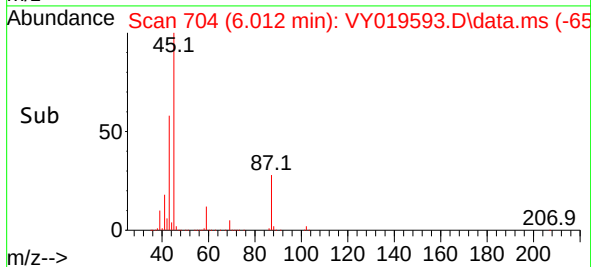
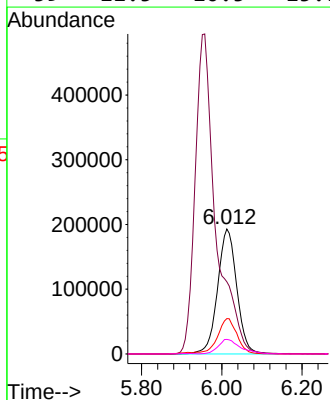
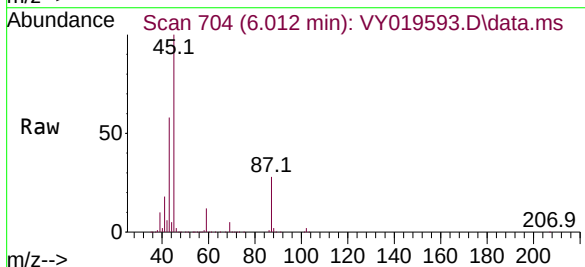
Instrument :
MSVOA_Y
ClientSampleId :

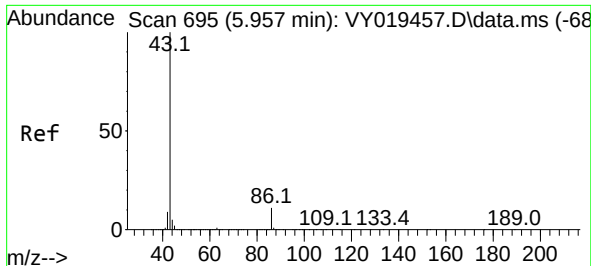
Tgt Ion: 96 Resp: 192212
Ion Ratio Lower Upper
96 100
61 136.9 97.5 146.3
98 64.2 50.5 75.7



#22
Diisopropyl ether
Concen: 62.040 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

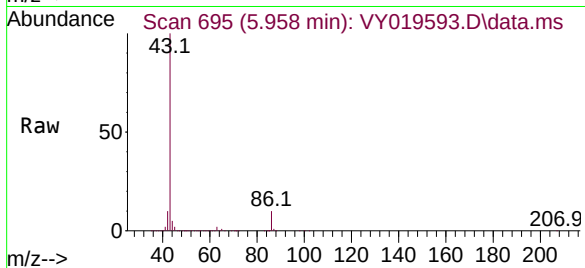
Tgt Ion: 45 Resp: 640742
Ion Ratio Lower Upper
45 100
43 57.4 42.2 63.2
87 28.2 25.0 37.6
59 11.5 10.5 15.7



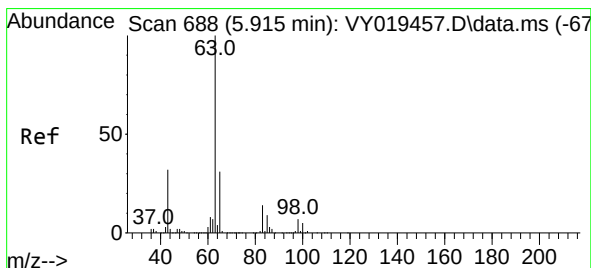
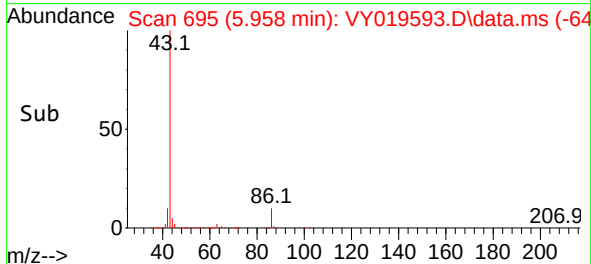
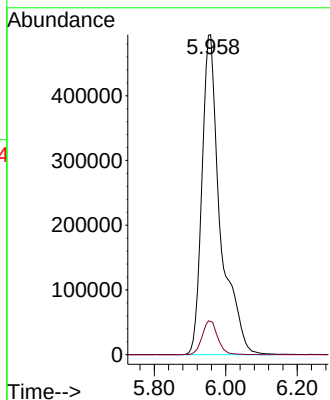


#23
 Vinyl Acetate
 Concen: 298.749 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VY019593.D
 Acq: 17 Sep 2024 18:08

Instrument :
 MSVOA_Y
 ClientSampleId :

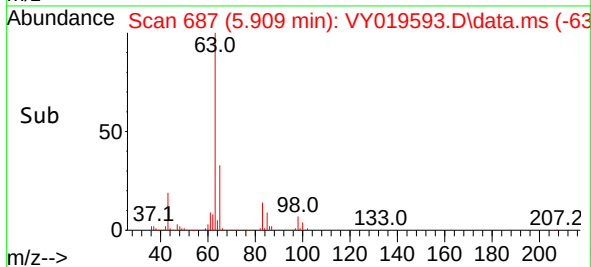
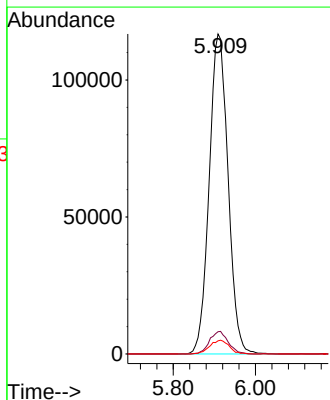
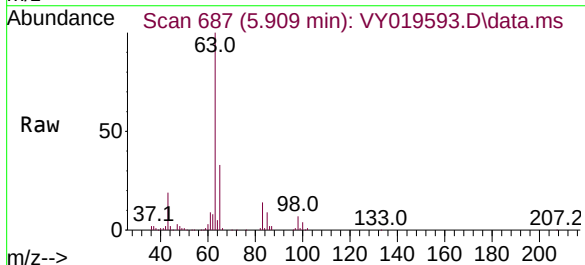


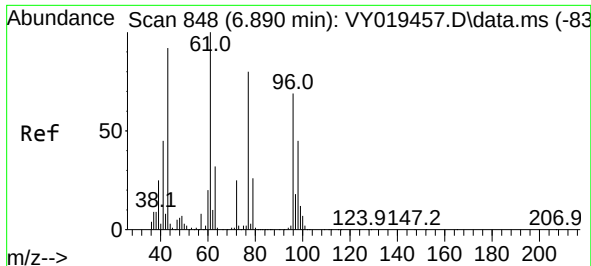
Tgt Ion: 43 Resp: 1762383
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 64.188 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019593.D
 Acq: 17 Sep 2024 18:08

Tgt Ion: 63 Resp: 372001
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 4.1 2.6 8.0





#25

2-Butanone

Concen: 275.248 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

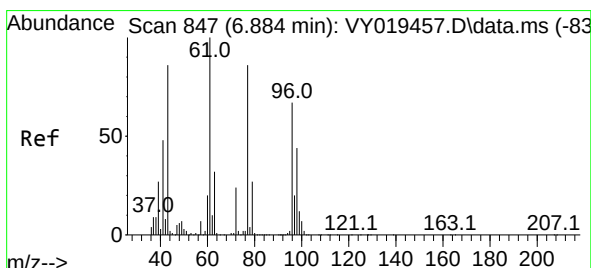
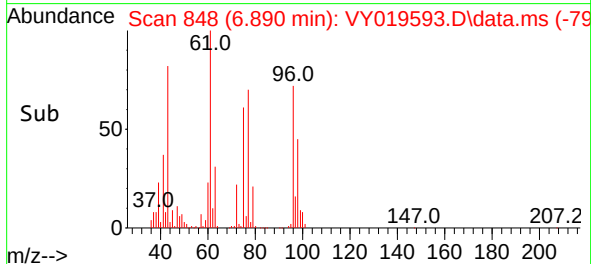
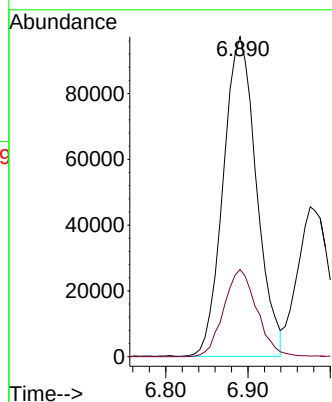
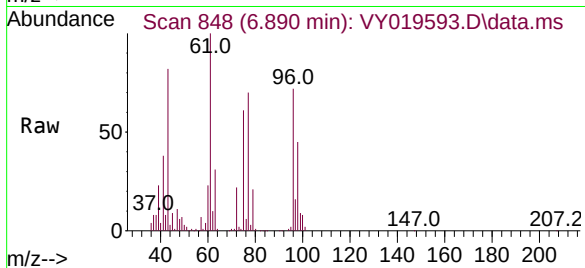
ClientSampleId :

Tgt Ion: 43 Resp: 272985

Ion Ratio Lower Upper

43 100

72 27.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 54.870 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019593.D

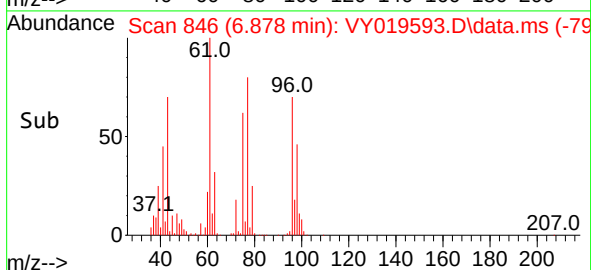
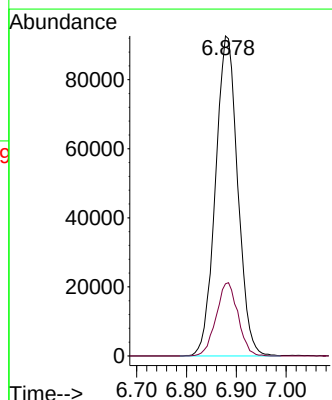
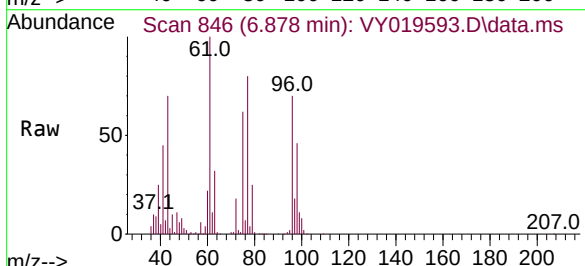
Acq: 17 Sep 2024 18:08

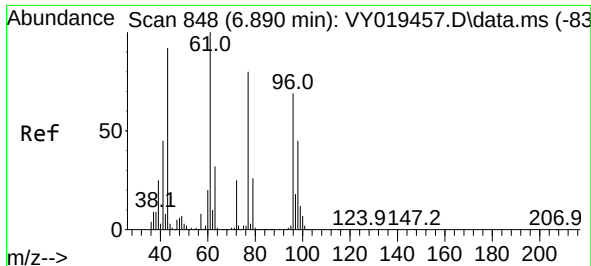
Tgt Ion: 77 Resp: 286841

Ion Ratio Lower Upper

77 100

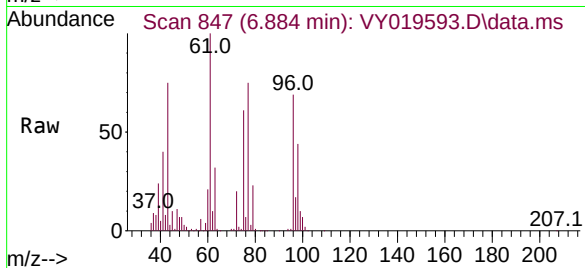
97 22.5 12.0 36.1





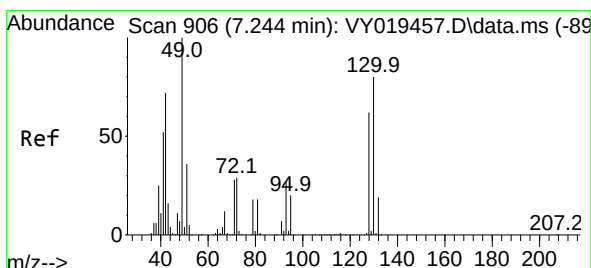
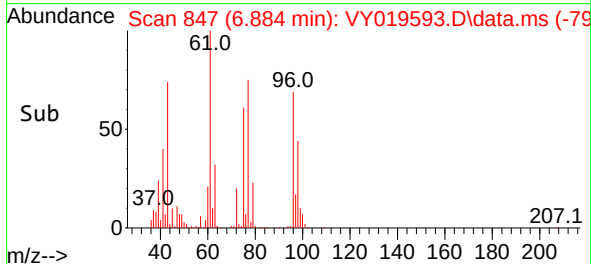
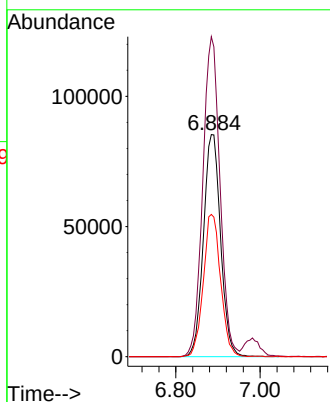
#27
 cis-1,2-Dichloroethene
 Concen: 64.673 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019593.D
 Acq: 17 Sep 2024 18:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 241493

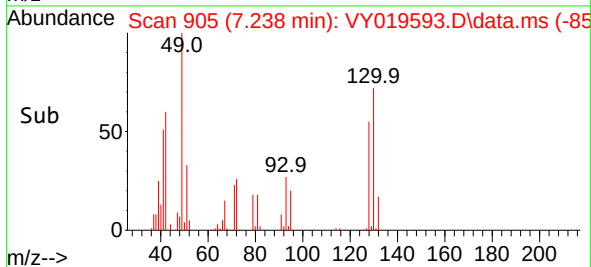
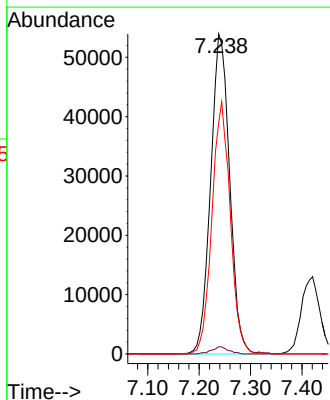
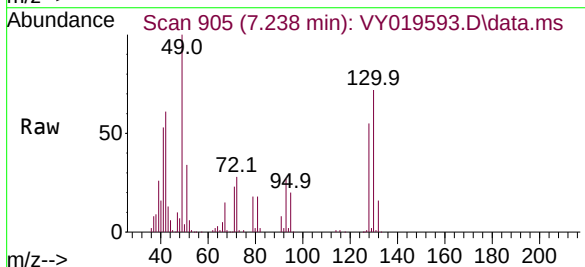
Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	256.2
98	64.5	0.0	130.0

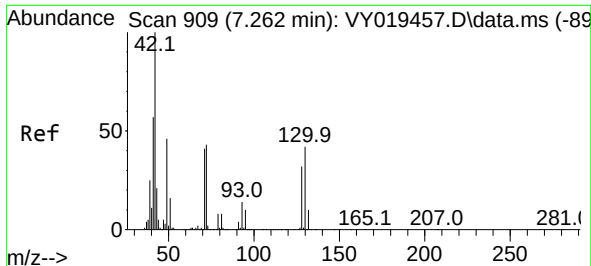


#28
 Bromochloromethane
 Concen: 56.883 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY019593.D
 Acq: 17 Sep 2024 18:08

Tgt Ion: 49 Resp: 138706

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	75.7	72.7	109.1

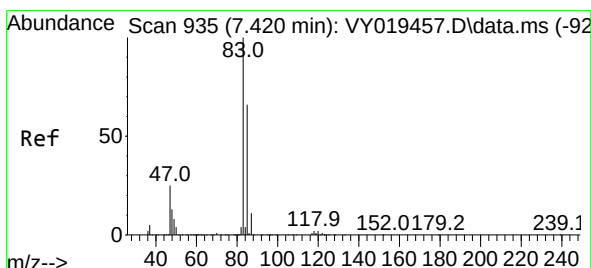
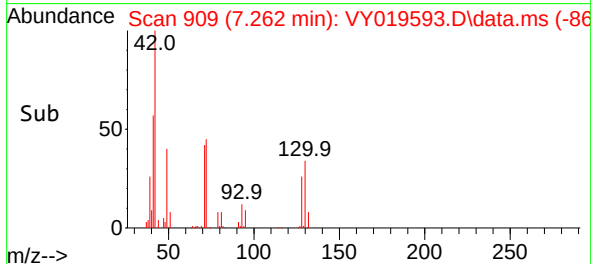
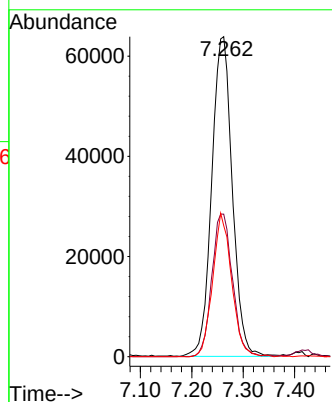
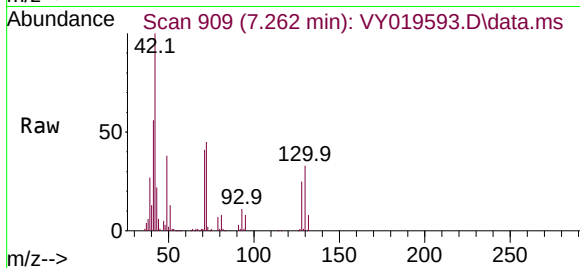




#29
Tetrahydrofuran
Concen: 294.023 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

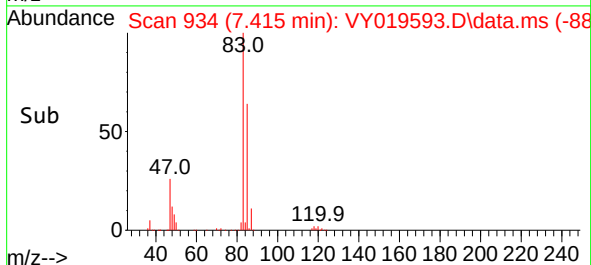
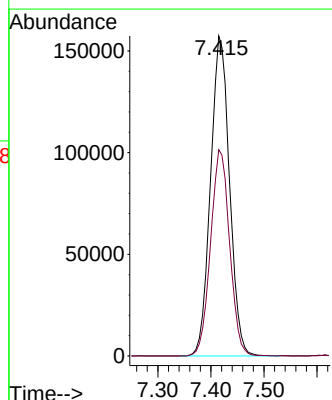
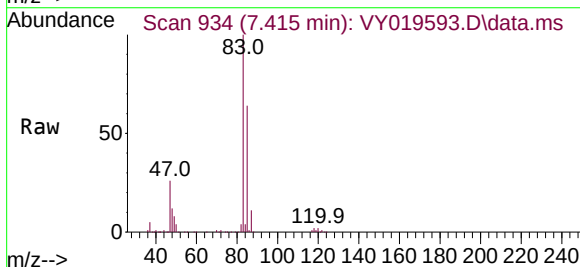
Instrument :
MSVOA_Y
ClientSampleId :

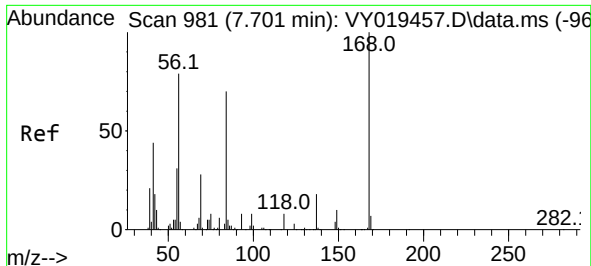
Tgt Ion: 42 Resp: 177301
Ion Ratio Lower Upper
42 100
72 44.7 43.0 64.4
71 41.3 40.8 61.2



#30
Chloroform
Concen: 66.057 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 83 Resp: 390808
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4

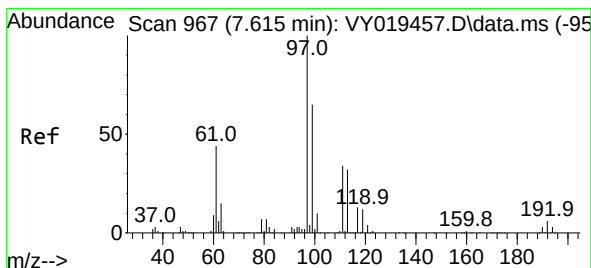
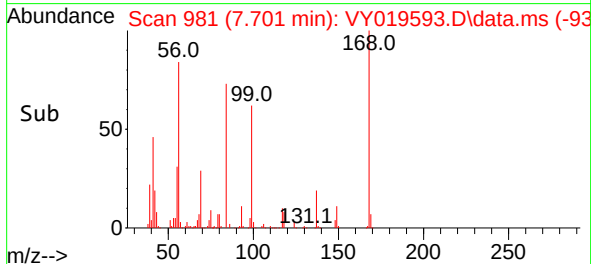
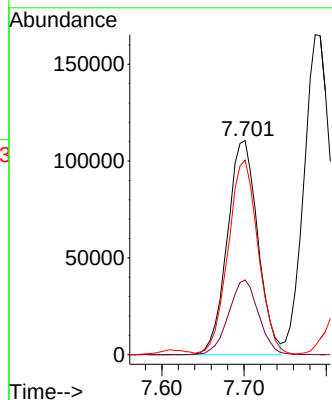
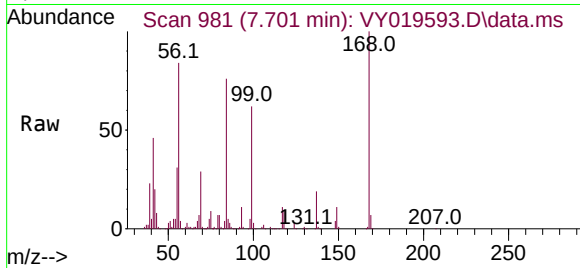




#31
Cyclohexane
Concen: 54.475 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

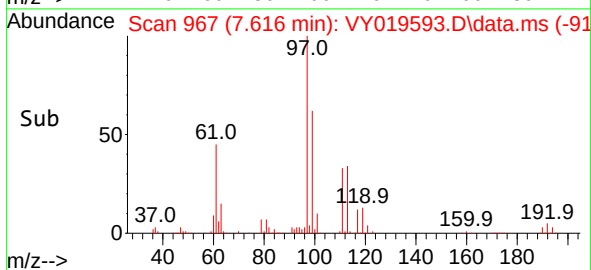
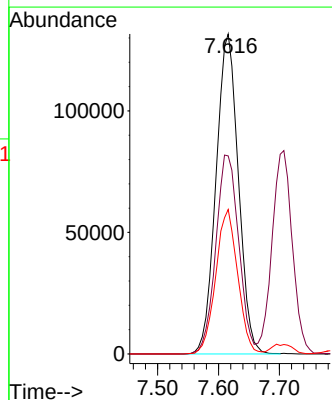
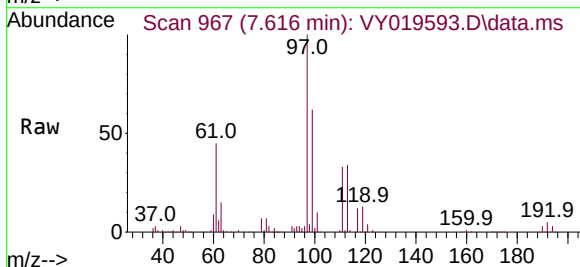
Instrument :
MSVOA_Y
ClientSampleId :

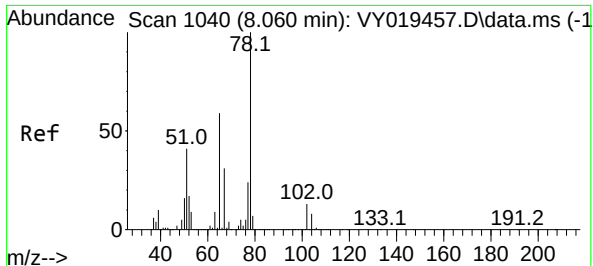
Tgt Ion: 56 Resp: 285365
Ion Ratio Lower Upper
56 100
69 34.9 28.7 43.1
84 89.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 63.420 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 97 Resp: 336310
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 44.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 54.678 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

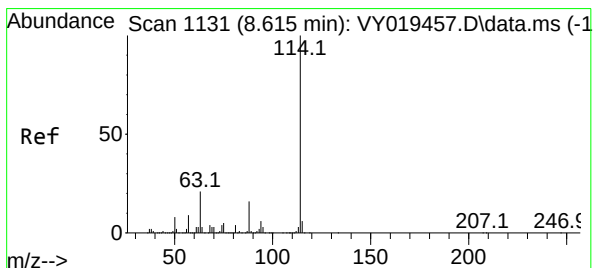
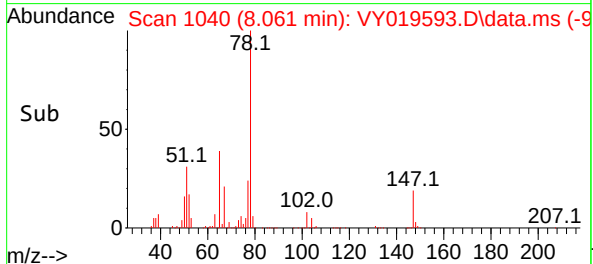
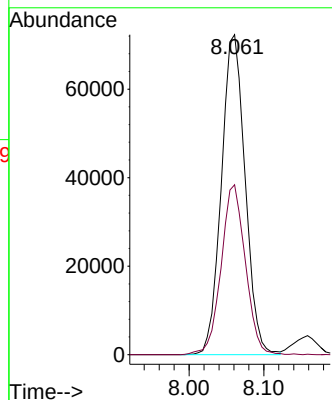
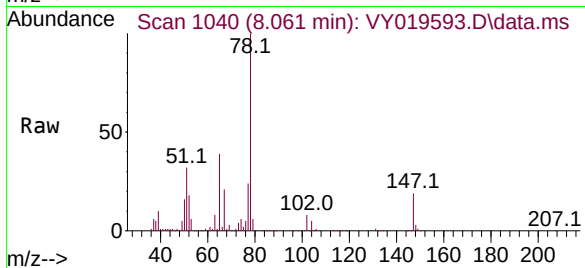
ClientSampleId :

Tgt Ion: 65 Resp: 160046

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

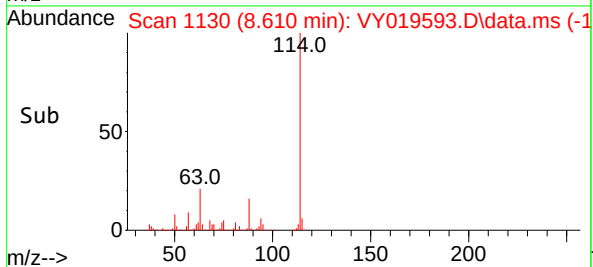
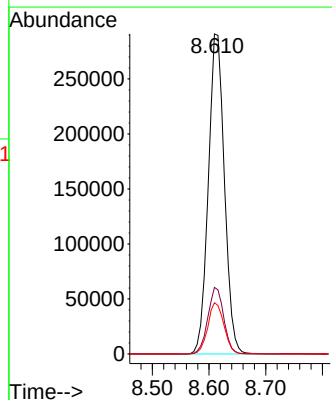
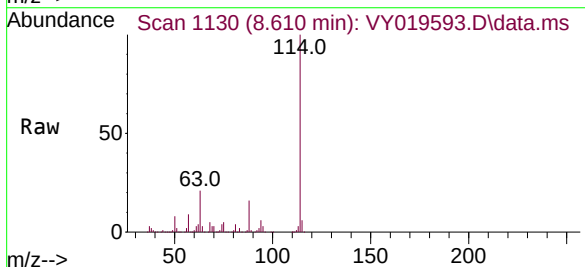
Tgt Ion: 114 Resp: 573389

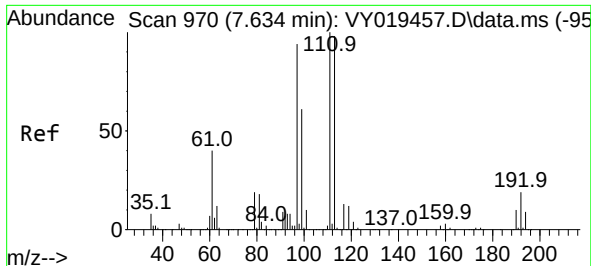
Ion Ratio Lower Upper

114 100

63 20.8 0.0 35.0

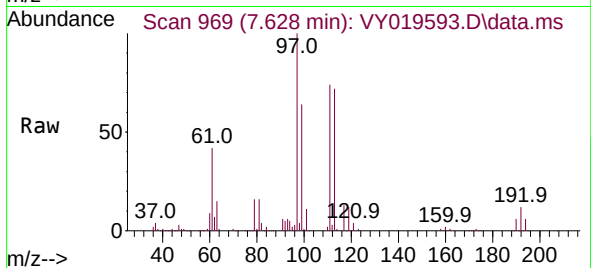
88 16.0 0.0 27.2



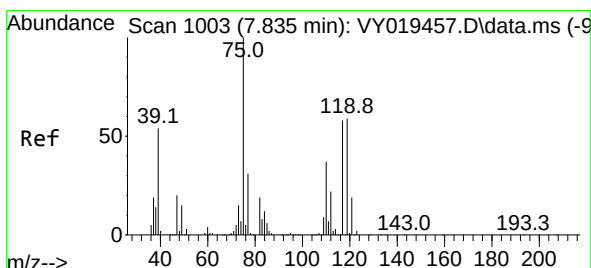
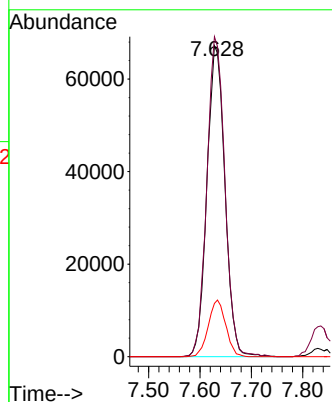
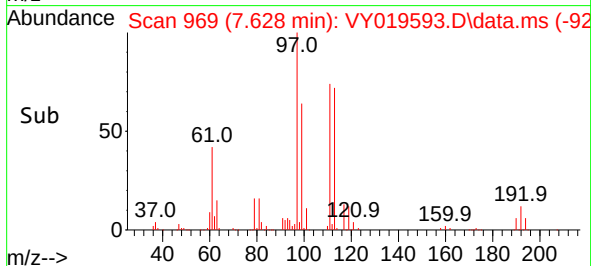


#35
Dibromofluoromethane
Concen: 50.261 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

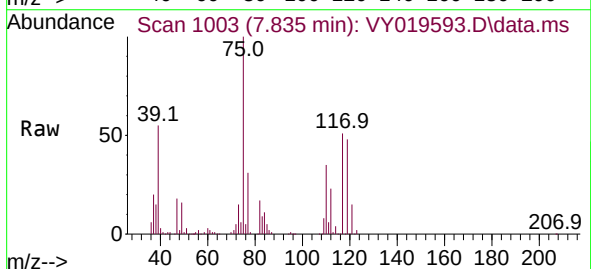
Instrument :
MSVOA_Y
ClientSampleId :



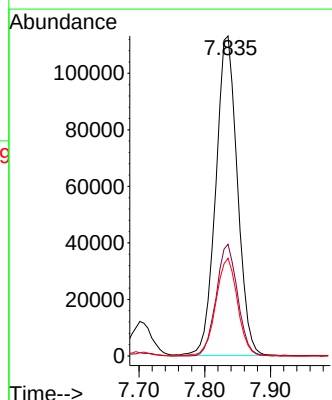
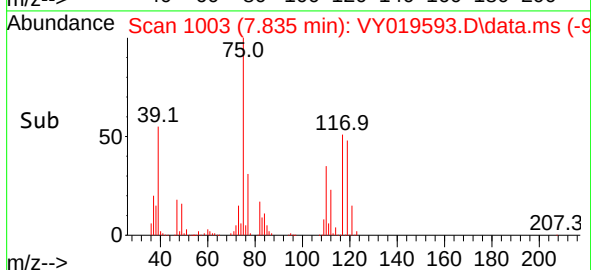
Tgt Ion:113 Resp: 163398
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.7 15.9 23.9

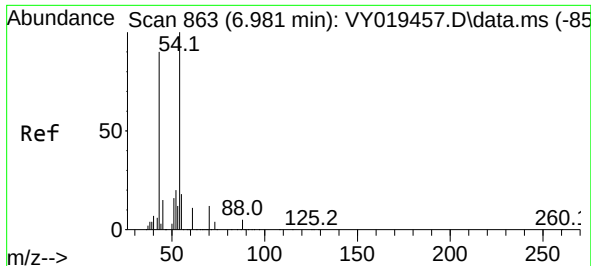


#36
1,1-Dichloropropene
Concen: 58.425 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08



Tgt Ion: 75 Resp: 258454
Ion Ratio Lower Upper
75 100
110 34.6 19.0 57.0
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 56.679 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.006 min

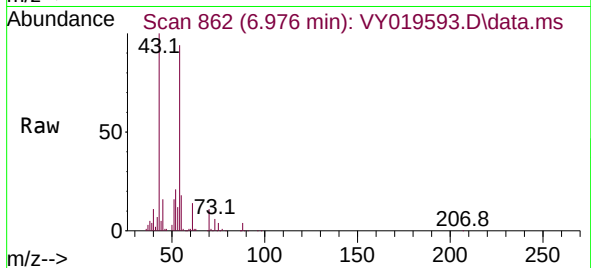
Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :



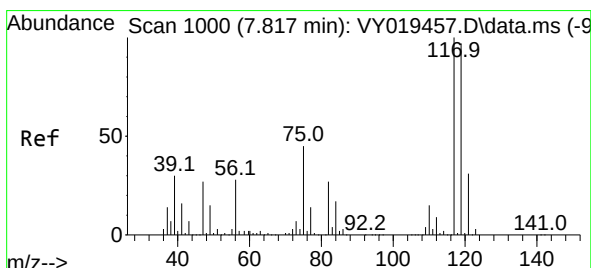
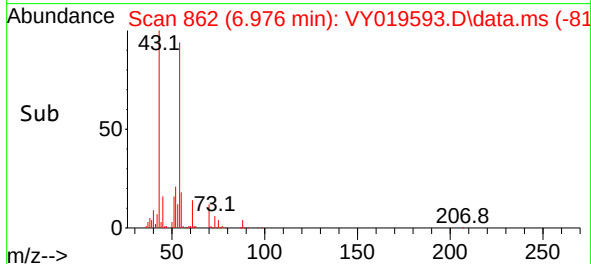
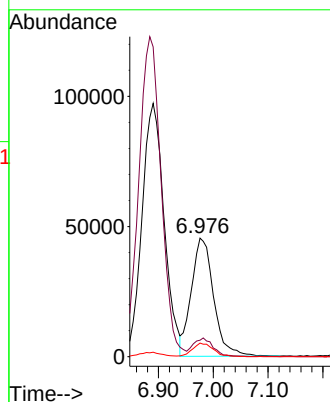
Tgt Ion: 43 Resp: 128467

Ion Ratio Lower Upper

43 100

61 13.9 12.6 19.0

70 10.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 58.235 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

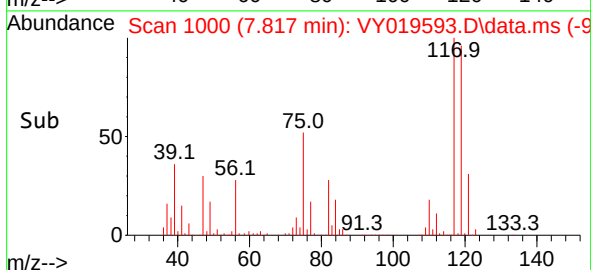
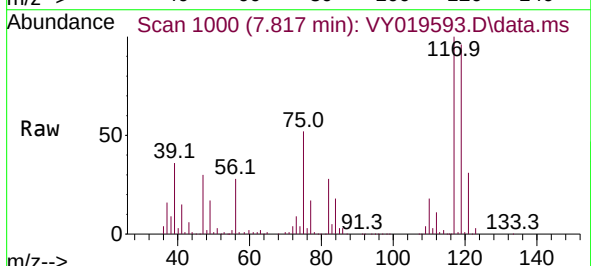
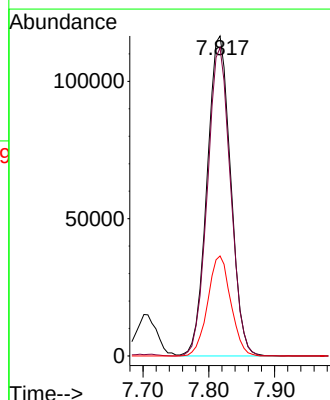
Tgt Ion: 117 Resp: 290505

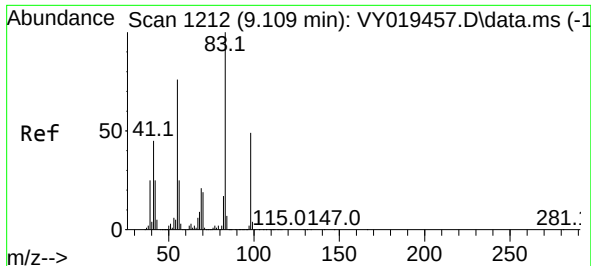
Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.6

121 31.2 24.0 36.0





#39

Methylcyclohexane

Concen: 53.891 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

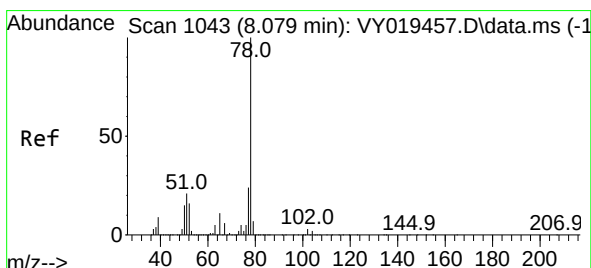
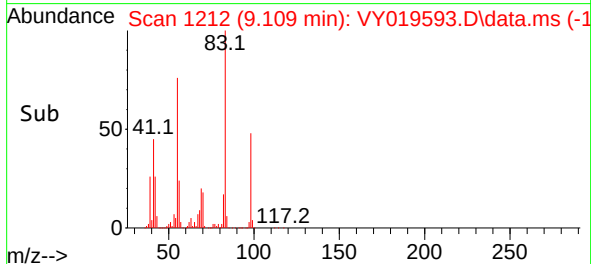
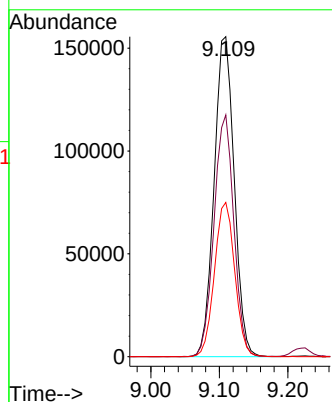
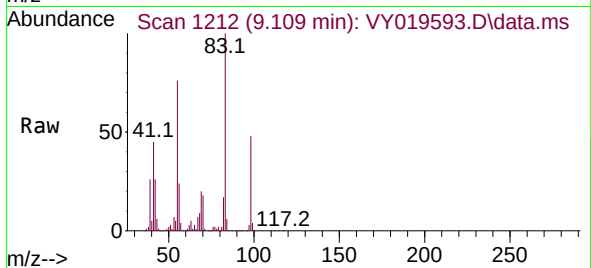
Tgt Ion: 83 Resp: 317257

Ion Ratio Lower Upper

83 100

55 75.6 51.5 77.3

98 48.2 40.5 60.7



#40

Benzene

Concen: 59.645 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019593.D

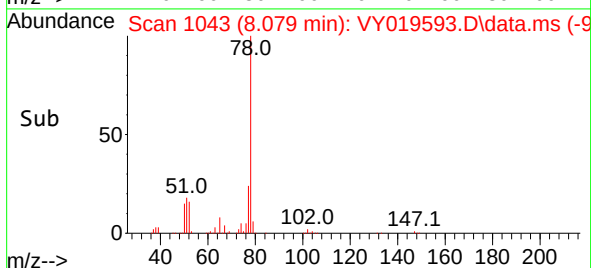
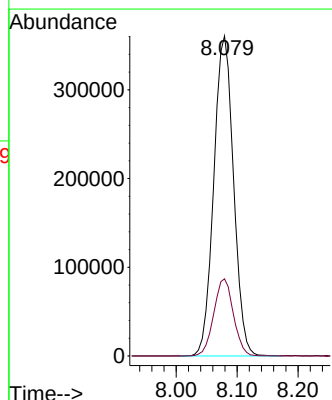
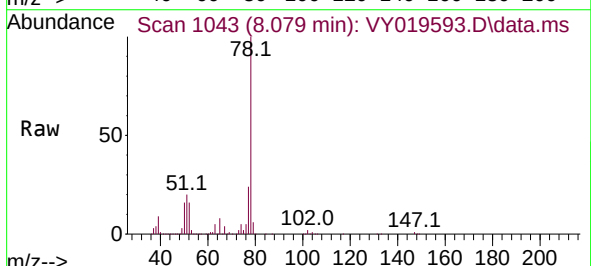
Acq: 17 Sep 2024 18:08

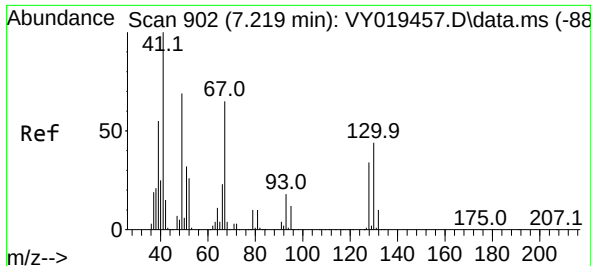
Tgt Ion: 78 Resp: 812681

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3

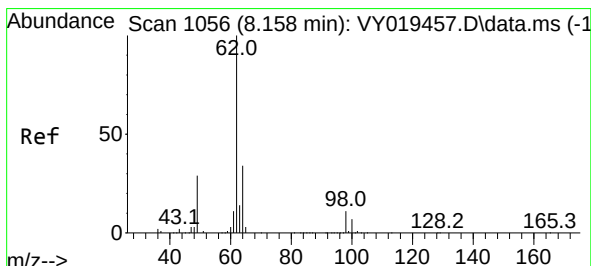
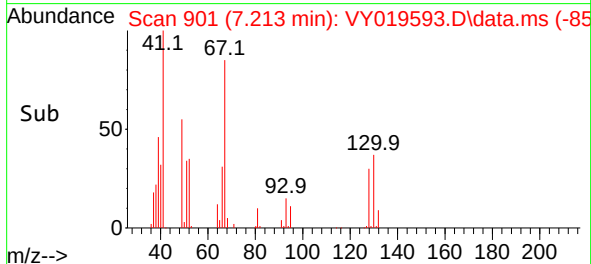
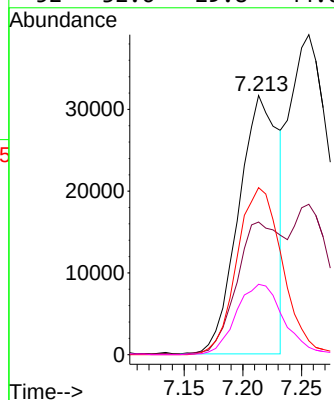
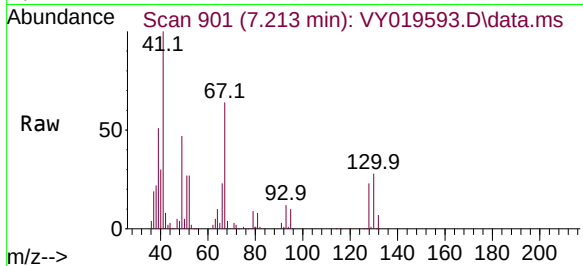




#41
Methacrylonitrile
Concen: 56.569 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

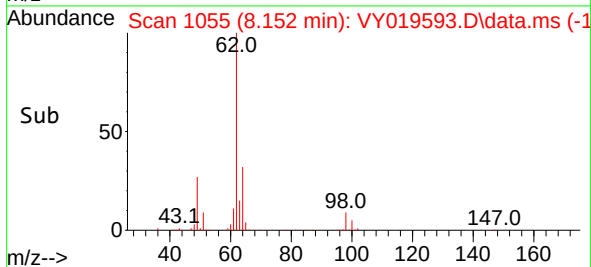
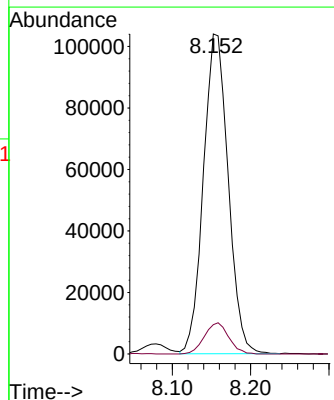
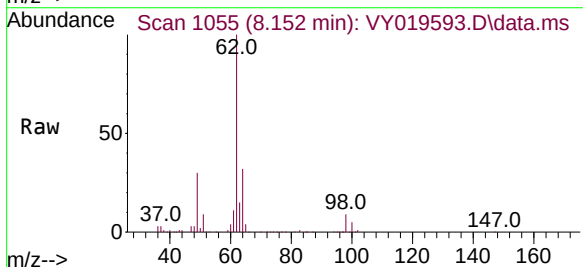
Instrument :
MSVOA_Y
ClientSampleId :

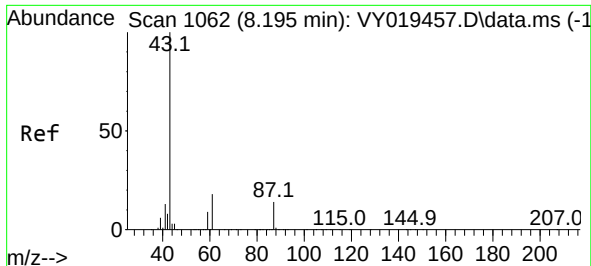
Tgt Ion:	41	Resp:	74741
Ion	Ratio	Lower	Upper
41	100		
39	60.9	48.0	72.0
67	74.4	75.1	112.7
52	32.6	29.8	44.6



#42
1,2-Dichloroethane
Concen: 62.274 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion:	62	Resp:	228320
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	22.0

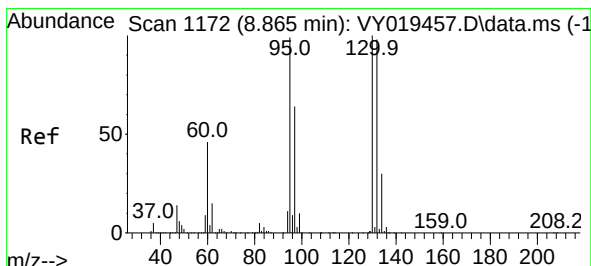
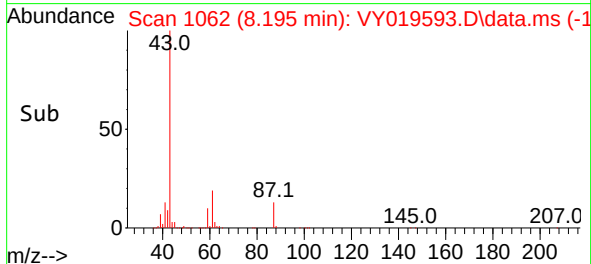
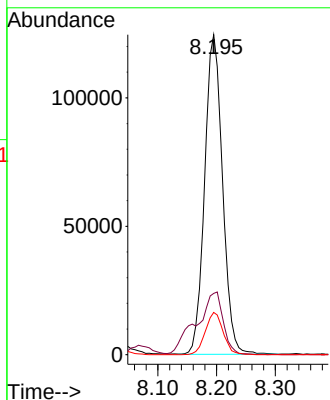
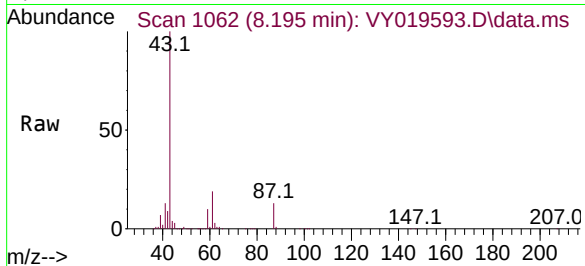




#43
Isopropyl Acetate
Concen: 55.360 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

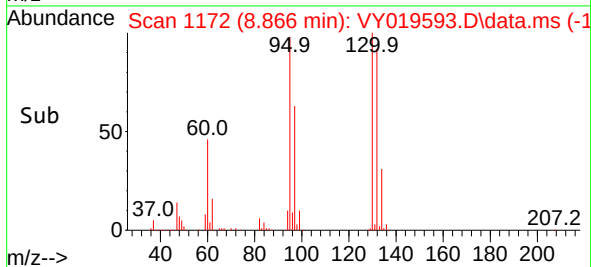
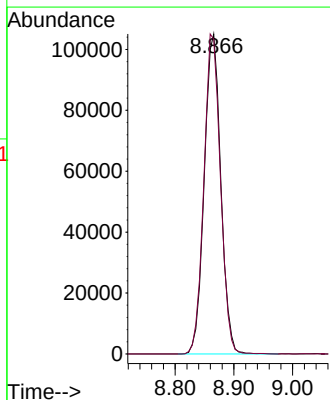
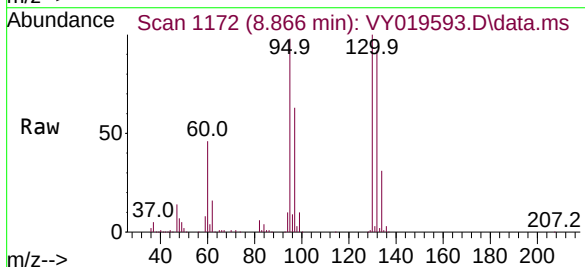
Instrument :
MSVOA_Y
ClientSampleId :

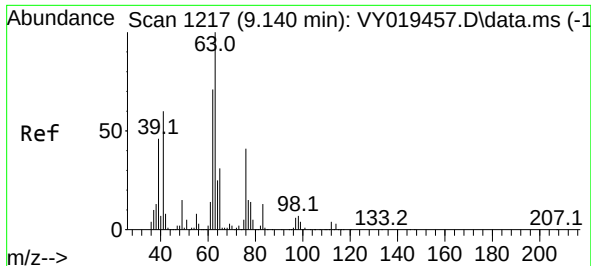
Tgt Ion: 43 Resp: 263618
Ion Ratio Lower Upper
43 100
61 29.6 27.9 41.9
87 13.2 13.1 19.7



#44
Trichloroethene
Concen: 58.655 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion:130 Resp: 205535
Ion Ratio Lower Upper
130 100
95 98.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 59.692 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

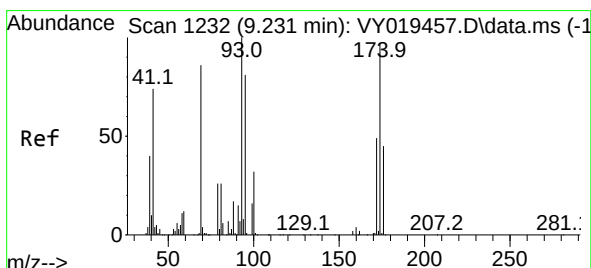
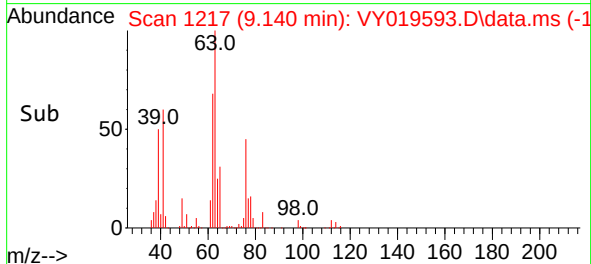
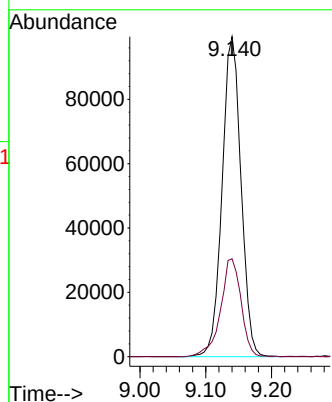
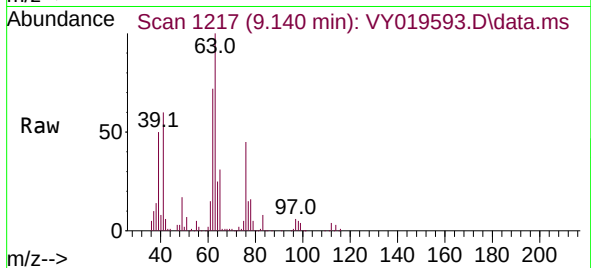
ClientSampleId :

Tgt Ion: 63 Resp: 198836

Ion Ratio Lower Upper

63 100

65 30.6 25.4 38.2



#46

Dibromomethane

Concen: 60.790 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

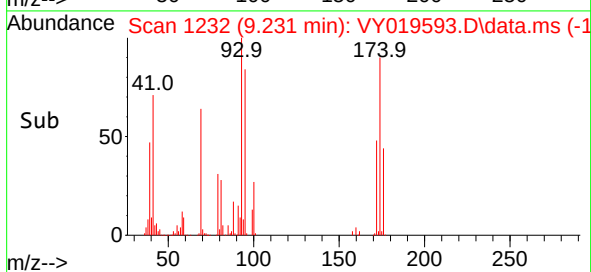
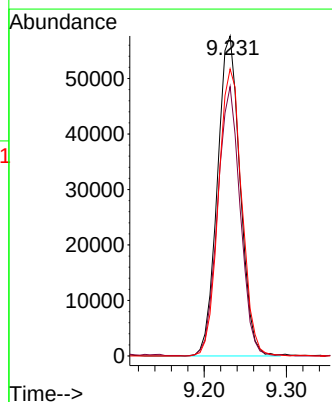
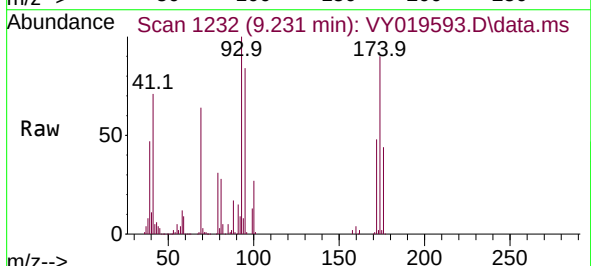
Tgt Ion: 93 Resp: 110734

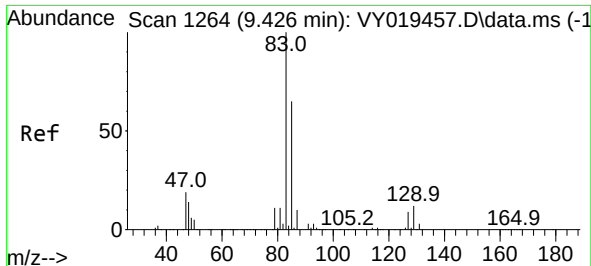
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 91.9 80.9 121.3

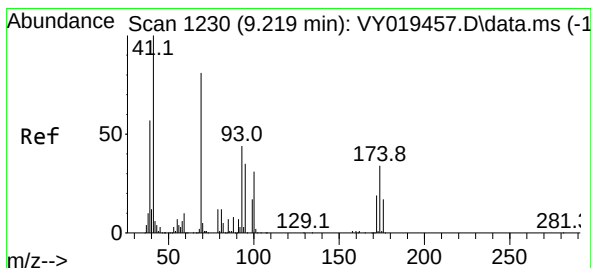
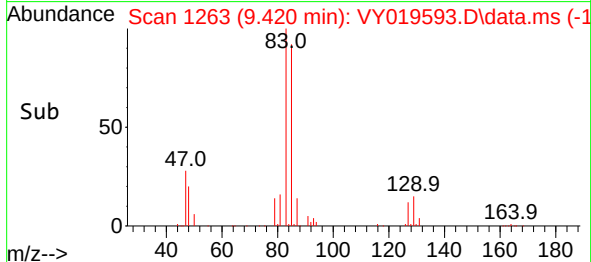
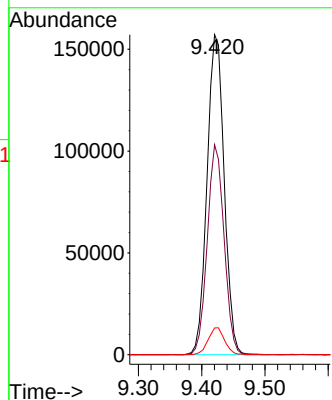
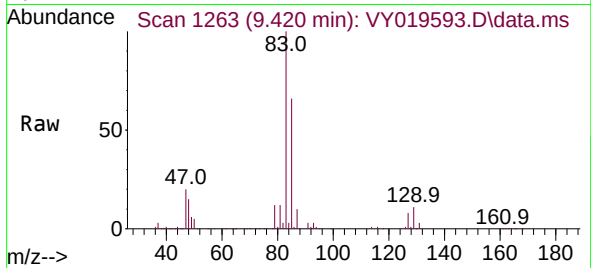




#47
Bromodichloromethane
Concen: 60.540 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

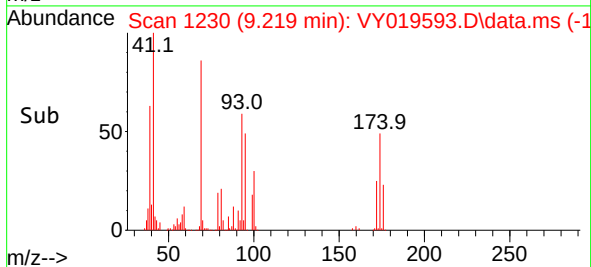
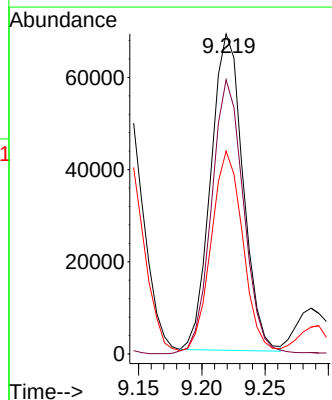
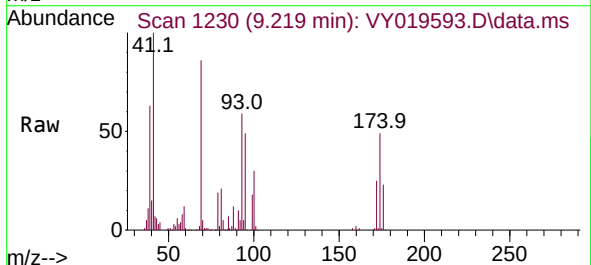
Instrument :
MSVOA_Y
ClientSampleId :

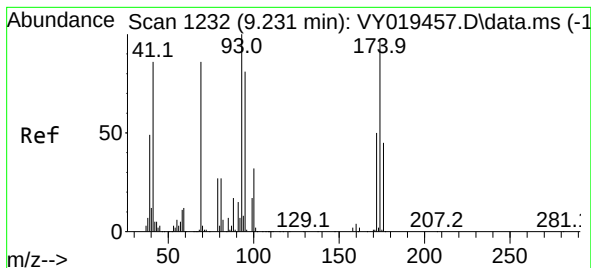
Tgt Ion: 83 Resp: 296438
Ion Ratio Lower Upper
83 100
85 65.6 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 54.056 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 41 Resp: 121558
Ion Ratio Lower Upper
41 100
69 86.5 84.1 126.1
39 63.6 43.6 65.4





#49

1,4-Dioxane

Concen: 1123.491 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

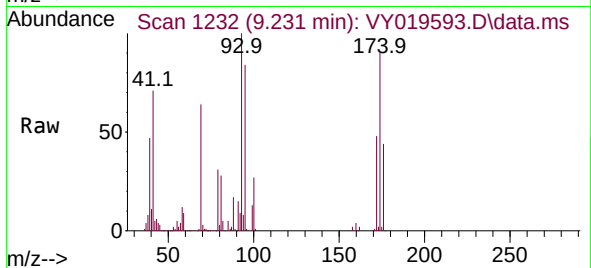
Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :



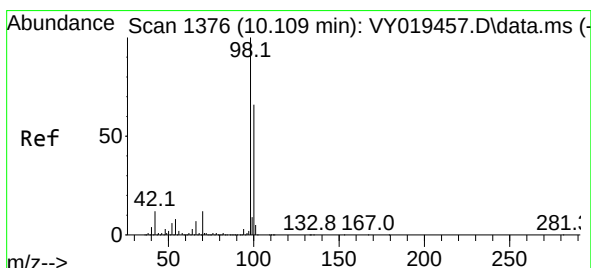
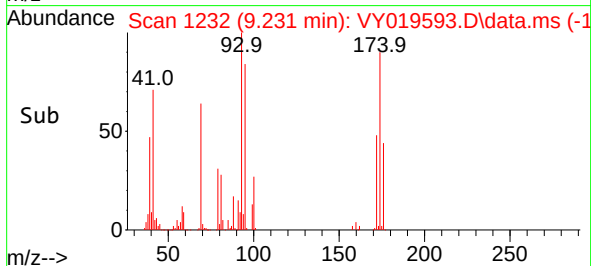
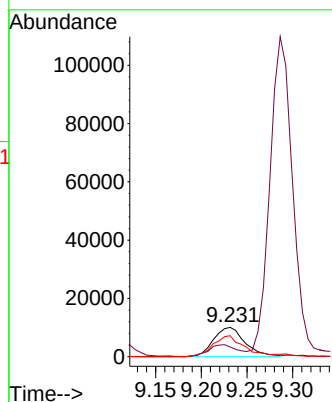
Tgt Ion: 88 Resp: 24092

Ion Ratio Lower Upper

88 100

43 36.4 0.0 0.0#

58 70.7 49.3 73.9



#50

Toluene-d8

Concen: 50.059 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019593.D

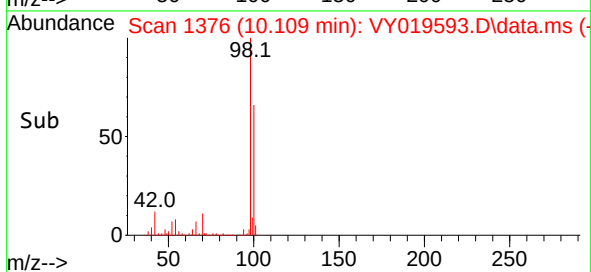
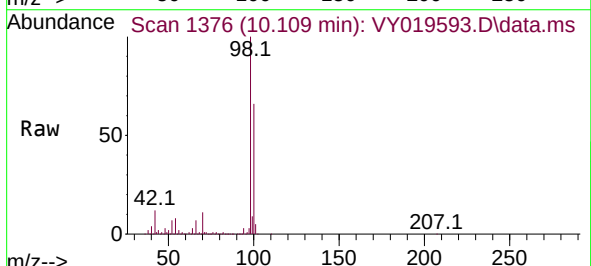
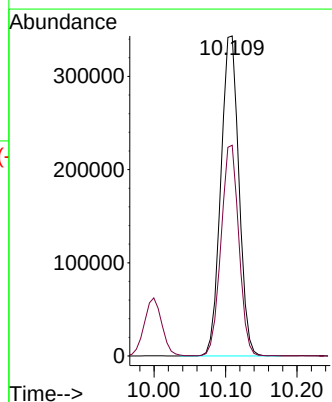
Acq: 17 Sep 2024 18:08

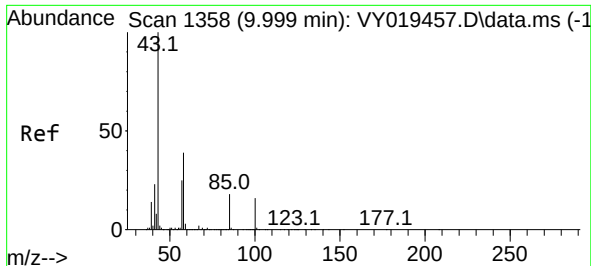
Tgt Ion: 98 Resp: 601941

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

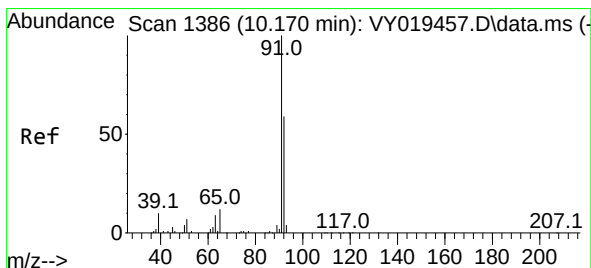
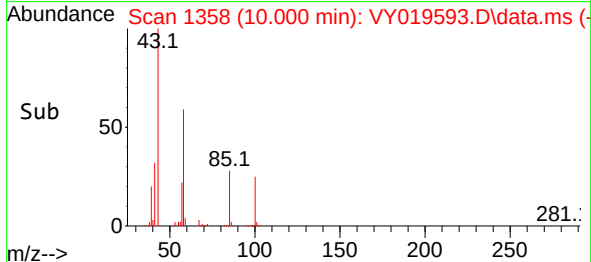
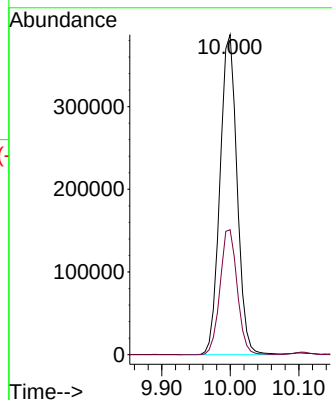
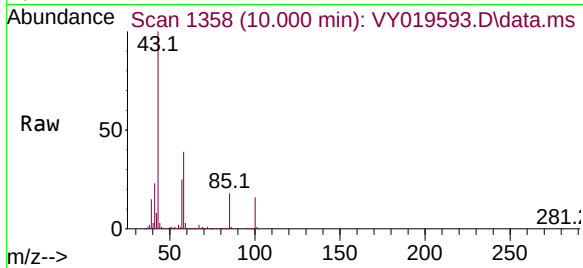




#51
4-Methyl-2-Pentanone
Concen: 278.735 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

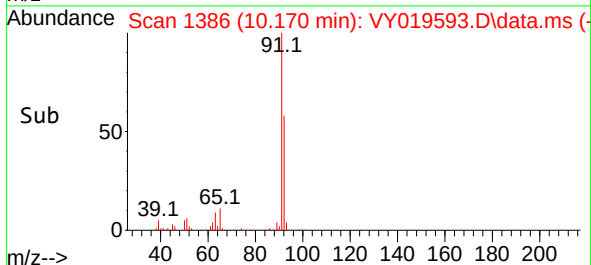
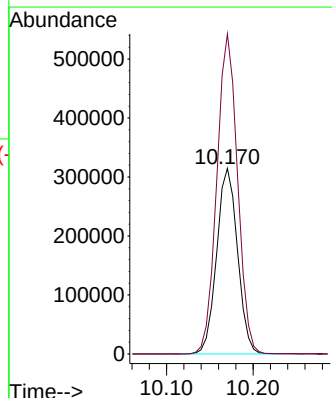
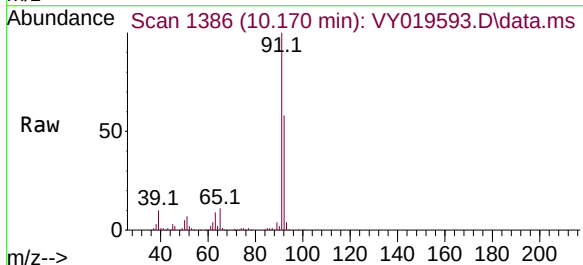
Instrument :
MSVOA_Y
ClientSampleId :

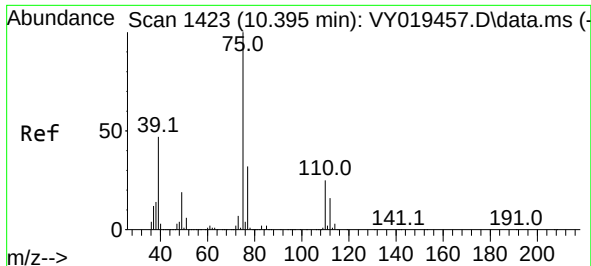
Tgt Ion: 43 Resp: 667761
Ion Ratio Lower Upper
43 100
58 39.3 35.7 53.5



#52
Toluene
Concen: 59.876 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 92 Resp: 524692
Ion Ratio Lower Upper
92 100
91 172.0 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 56.055 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

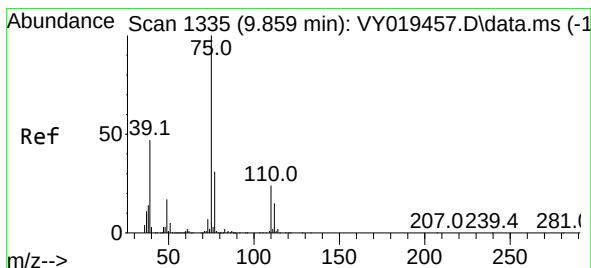
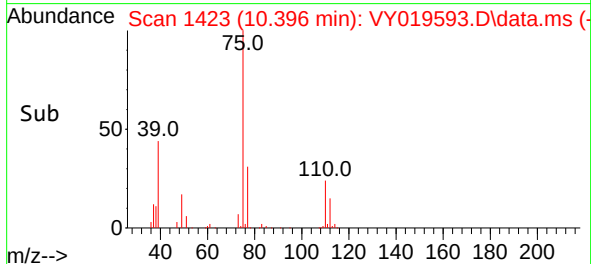
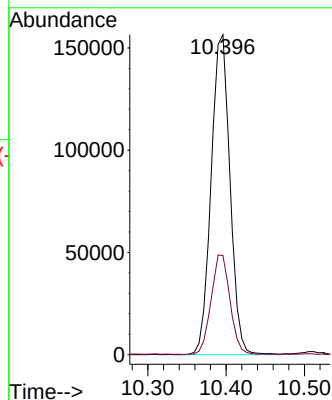
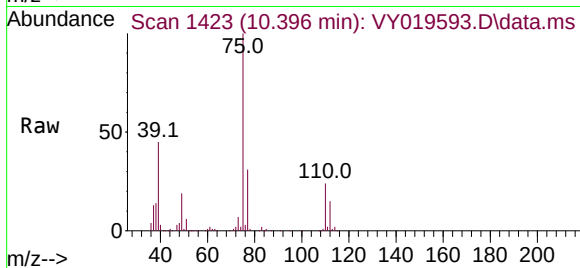
ClientSampleId :

Tgt Ion: 75 Resp: 261649

Ion Ratio Lower Upper

75 100

77 30.9 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 55.710 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

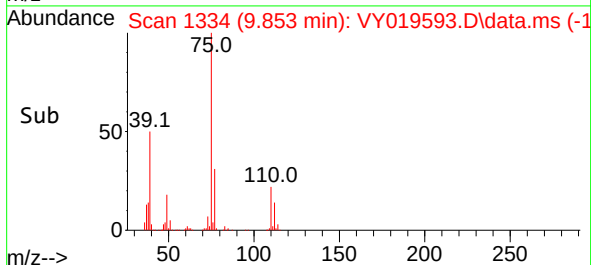
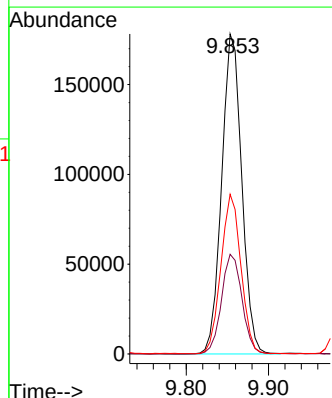
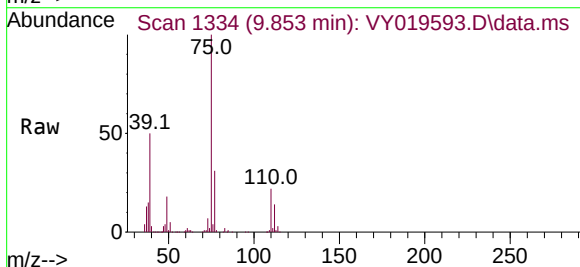
Tgt Ion: 75 Resp: 302792

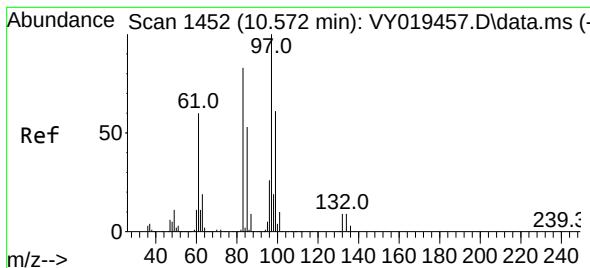
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

39 49.8 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 59.458 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

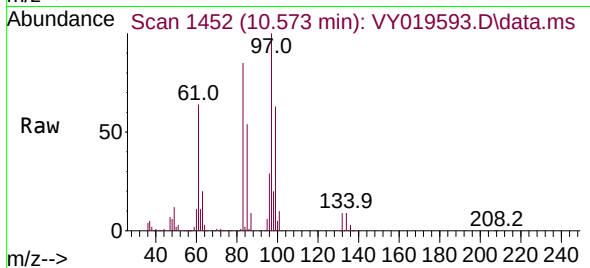
Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 149568

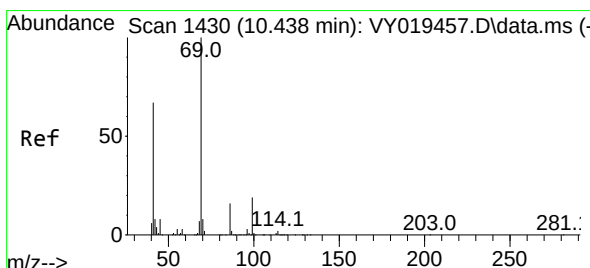
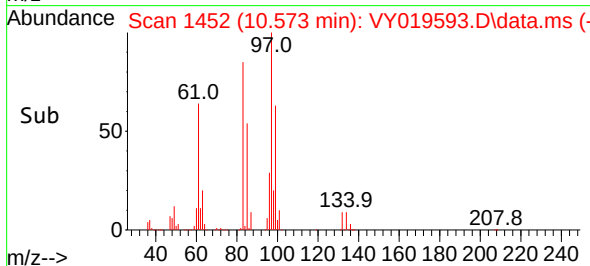
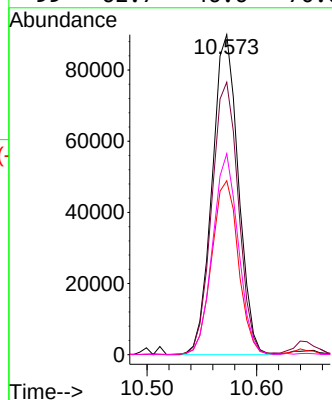
Ion Ratio Lower Upper

97 100

83 85.0 67.5 101.3

85 54.1 42.9 64.3

99 62.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 56.933 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

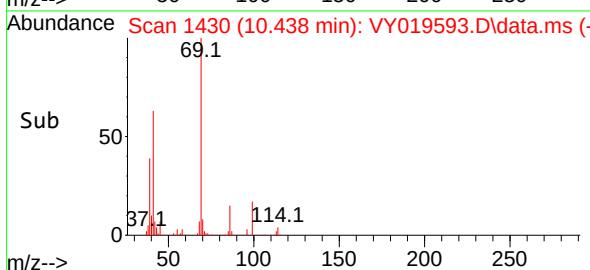
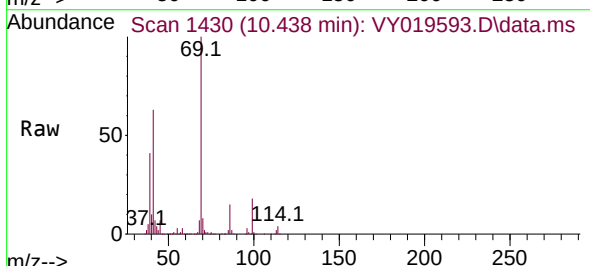
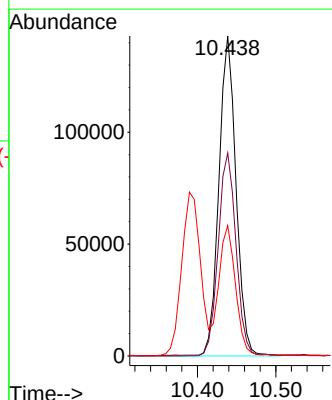
Tgt Ion: 69 Resp: 217554

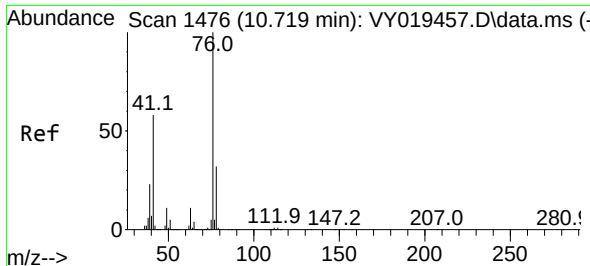
Ion Ratio Lower Upper

69 100

41 65.3 42.3 63.5#

39 40.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 59.124 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

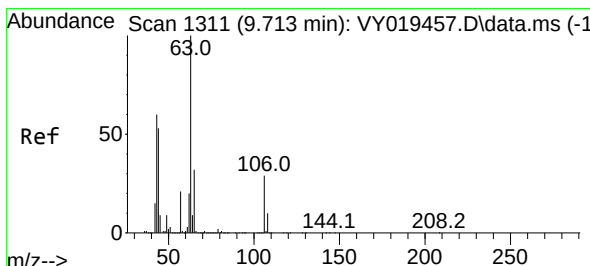
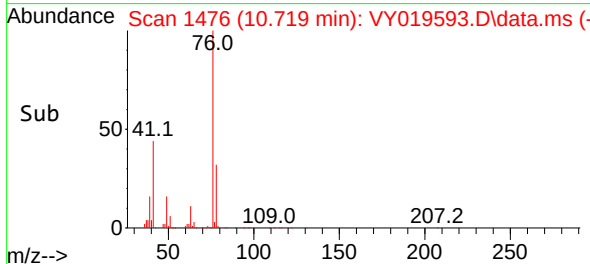
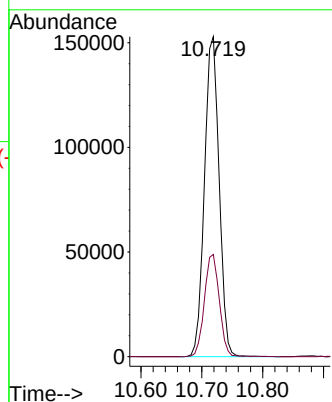
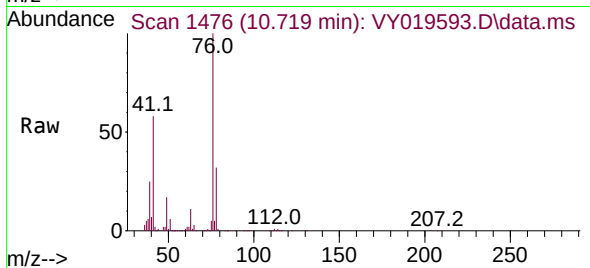
ClientSampleId :

Tgt Ion: 76 Resp: 255650

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 260.176 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019593.D

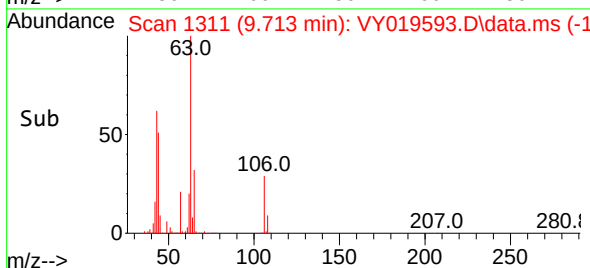
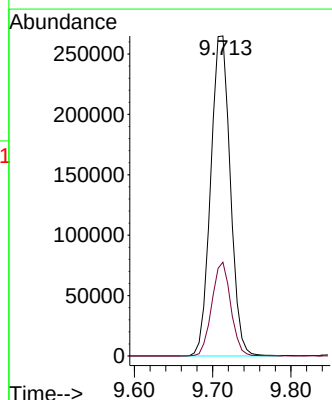
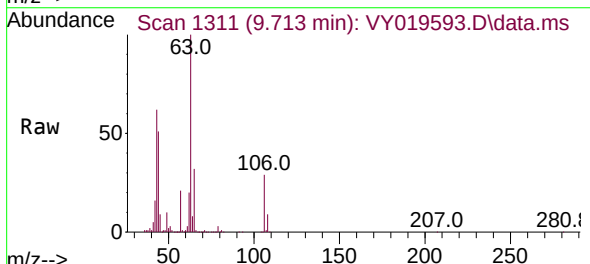
Acq: 17 Sep 2024 18:08

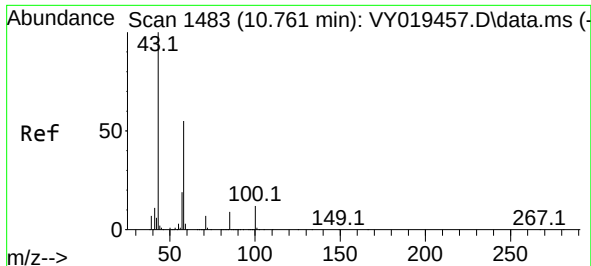
Tgt Ion: 63 Resp: 461435

Ion Ratio Lower Upper

63 100

106 28.2 23.7 35.5





#59

2-Hexanone

Concen: 253.260 ug/l

RT: 10.762 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

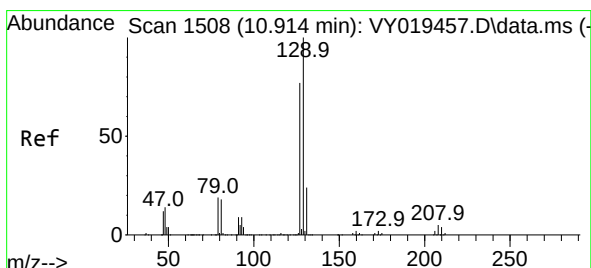
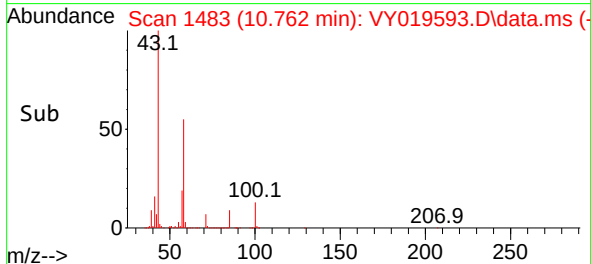
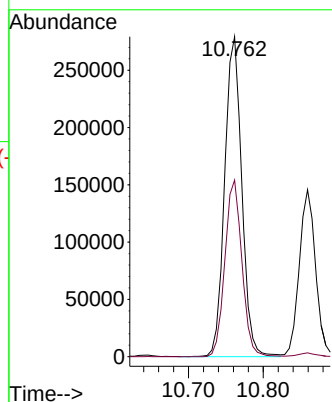
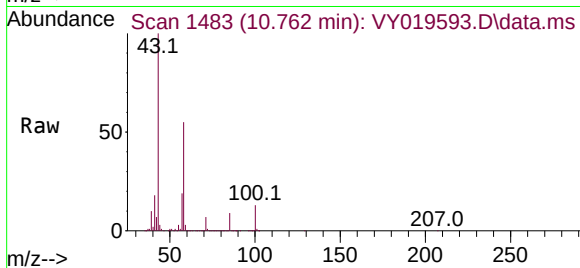
ClientSampleId :

Tgt Ion: 43 Resp: 444815

Ion Ratio Lower Upper

43 100

58 55.0 31.4 94.0



#60

Dibromochloromethane

Concen: 59.910 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY019593.D

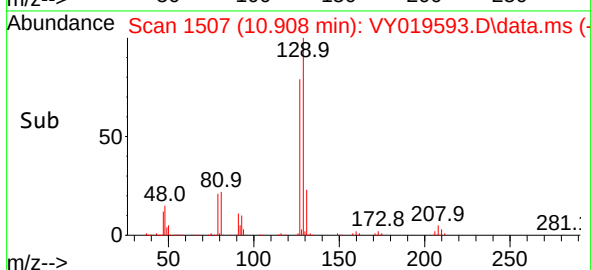
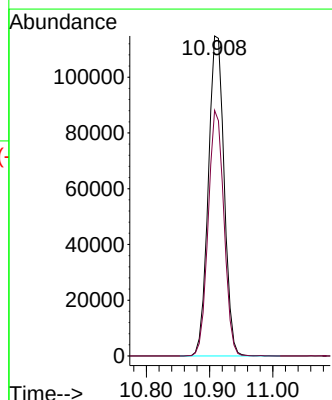
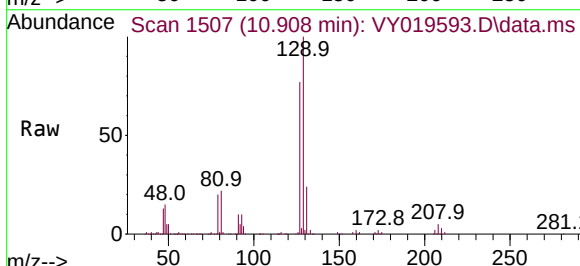
Acq: 17 Sep 2024 18:08

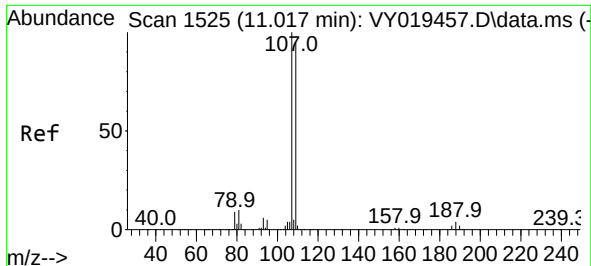
Tgt Ion:129 Resp: 199357

Ion Ratio Lower Upper

129 100

127 76.3 39.0 117.0

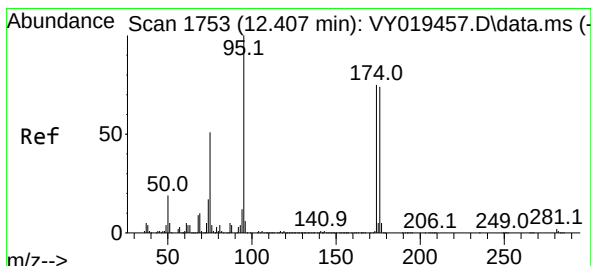
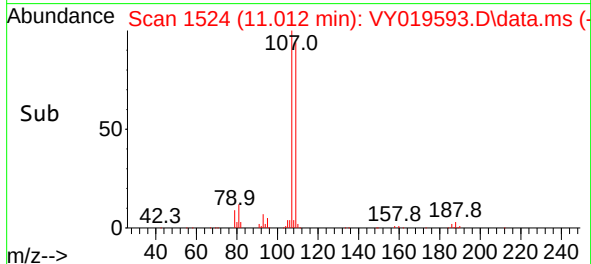
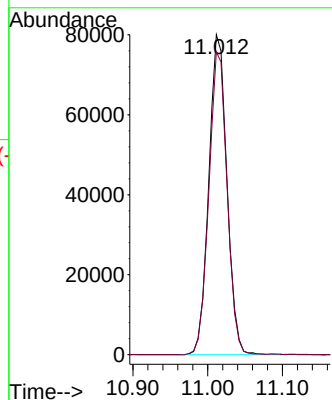
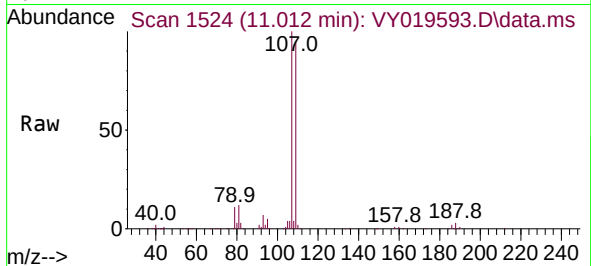




#61
1,2-Dibromoethane
Concen: 57.411 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

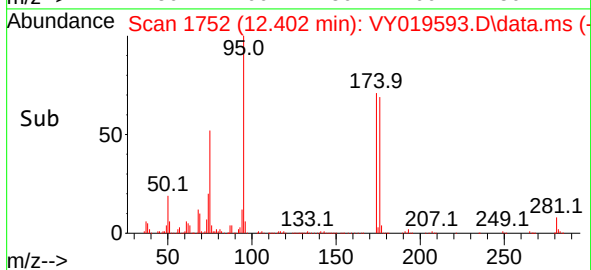
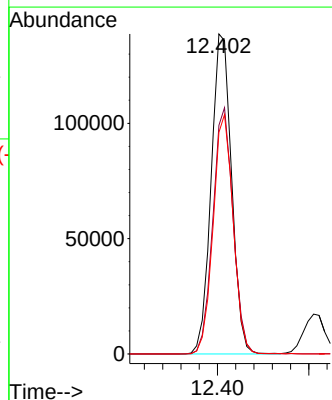
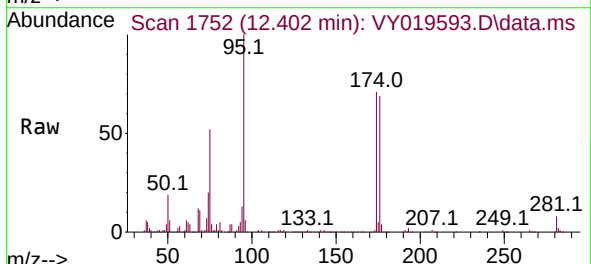
Instrument :
MSVOA_Y
ClientSampleId :

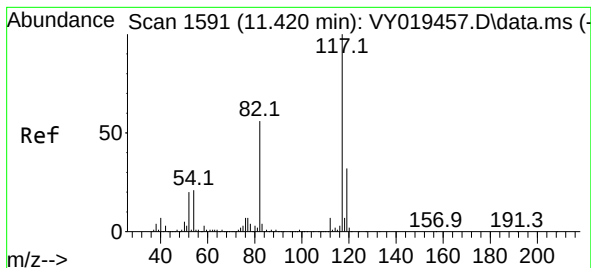
Tgt Ion:107 Resp: 134561
Ion Ratio Lower Upper
107 100
109 95.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.463 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 95 Resp: 214826
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 73.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

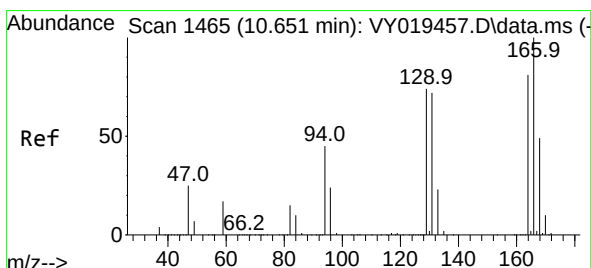
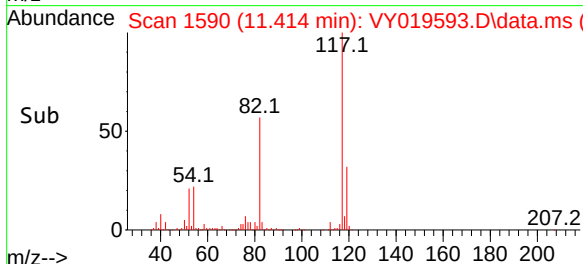
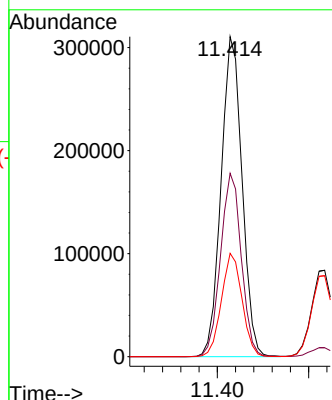
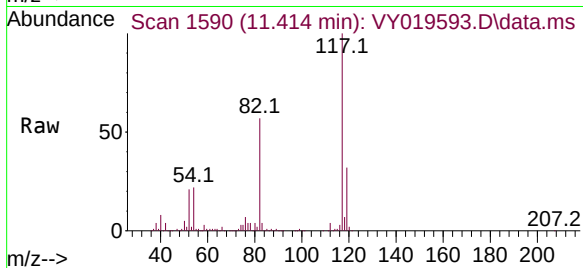
Tgt Ion:117 Resp: 495429

Ion Ratio Lower Upper

117 100

82 57.3 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 61.770 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Tgt Ion:164 Resp: 189507

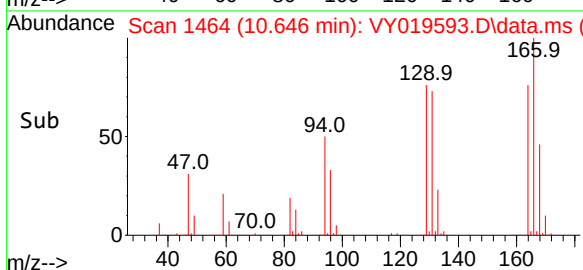
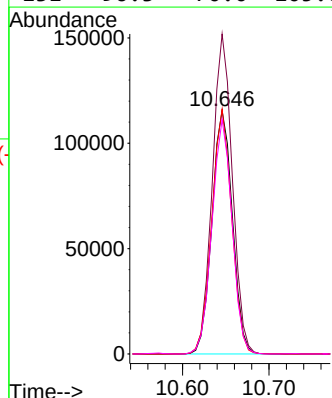
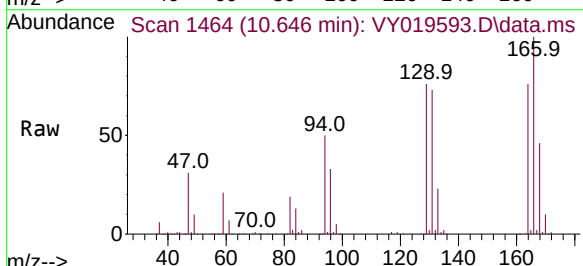
Ion Ratio Lower Upper

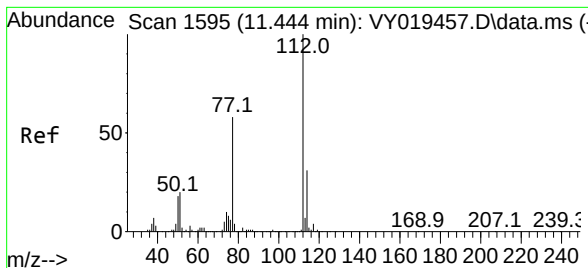
164 100

166 131.5 102.6 154.0

129 100.6 72.0 108.0

131 96.3 70.0 105.0





#65

Chlorobenzene

Concen: 59.013 ug/l

RT: 11.438 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

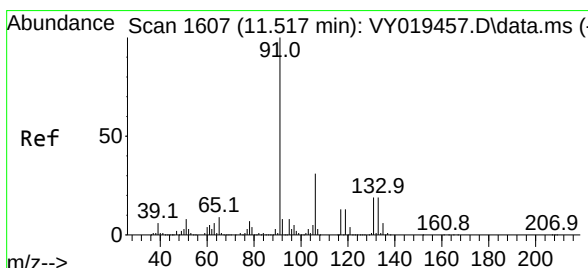
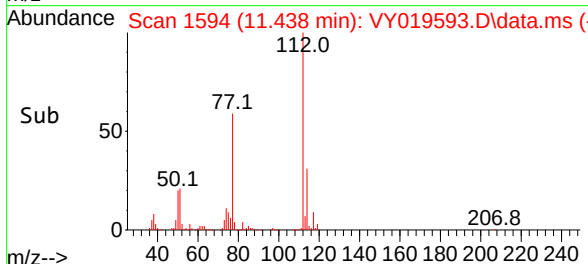
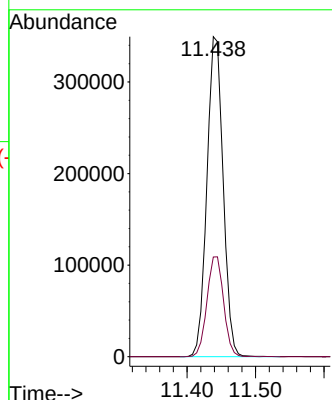
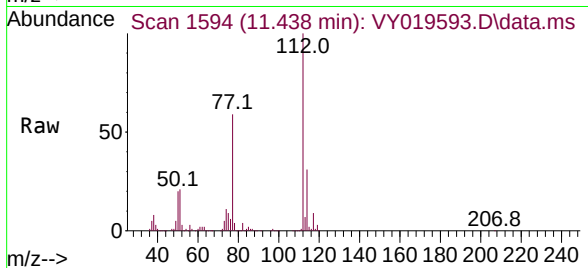
ClientSampleId :

Tgt Ion:112 Resp: 575110

Ion Ratio Lower Upper

112 100

114 31.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 58.423 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

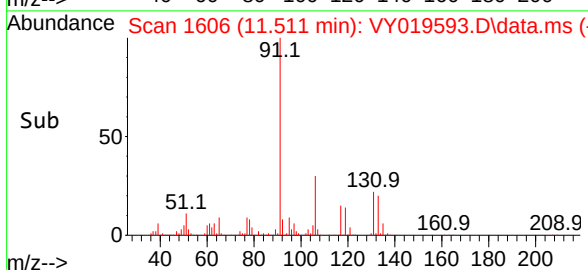
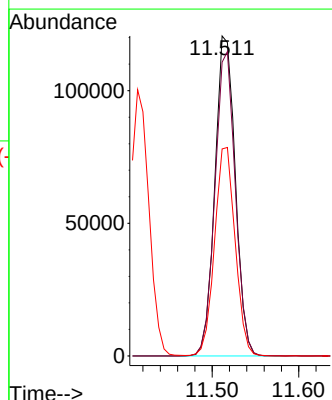
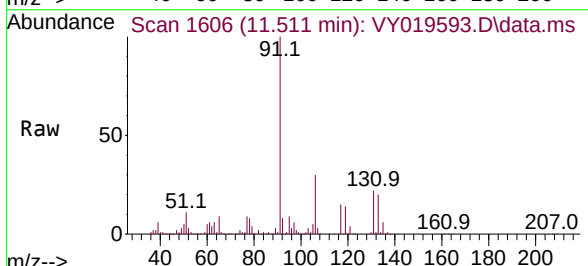
Tgt Ion:131 Resp: 197130

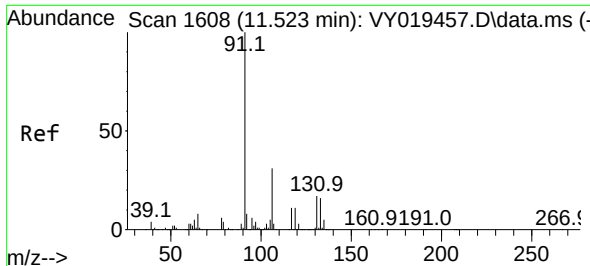
Ion Ratio Lower Upper

131 100

133 95.3 47.8 143.3

119 65.9 34.1 102.2





#67

Ethyl Benzene

Concen: 58.818 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

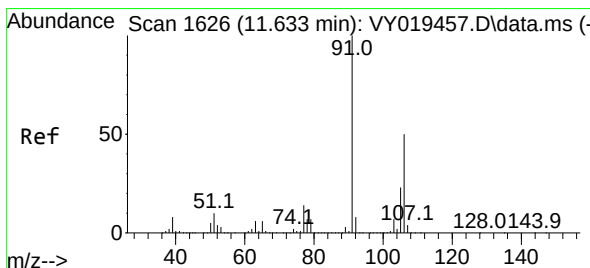
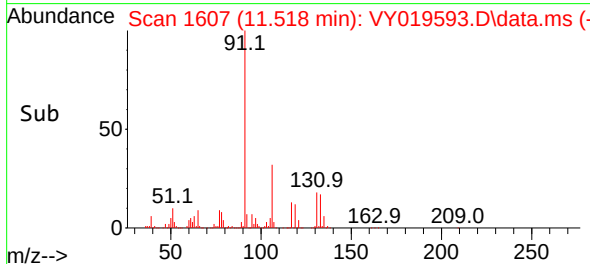
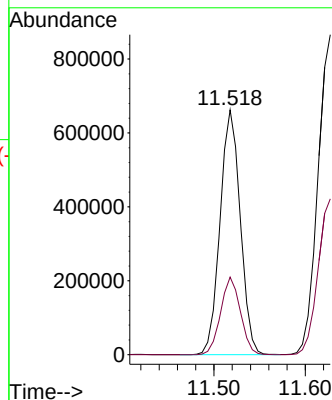
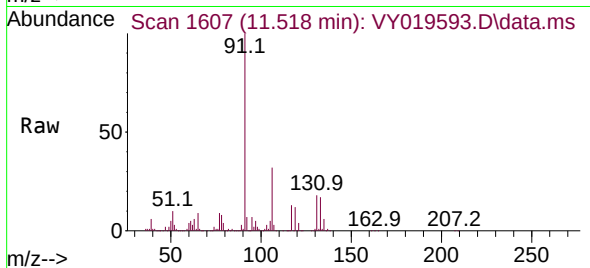
ClientSampleId :

Tgt Ion: 91 Resp: 1018490

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 116.238 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019593.D

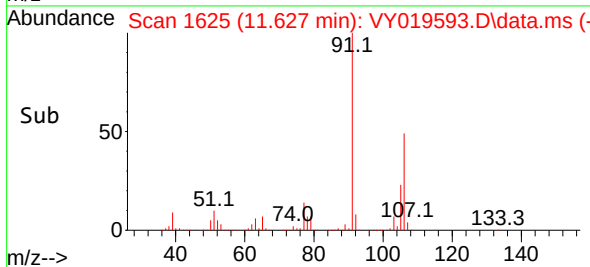
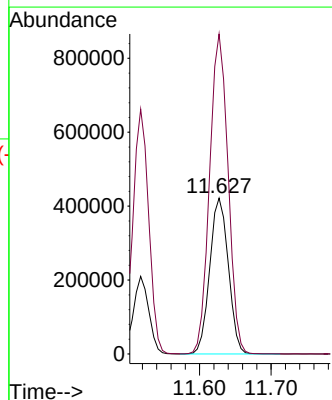
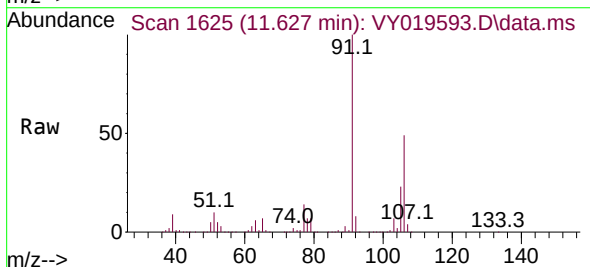
Acq: 17 Sep 2024 18:08

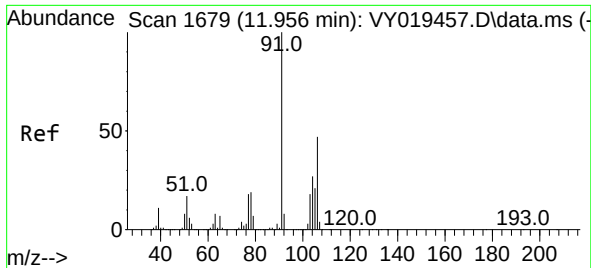
Tgt Ion:106 Resp: 761073

Ion Ratio Lower Upper

106 100

91 204.4 156.0 234.0

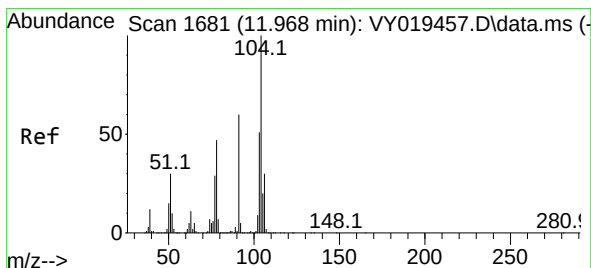
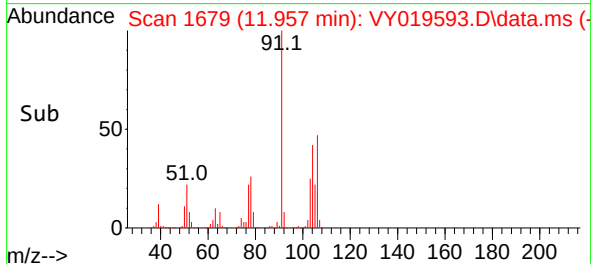
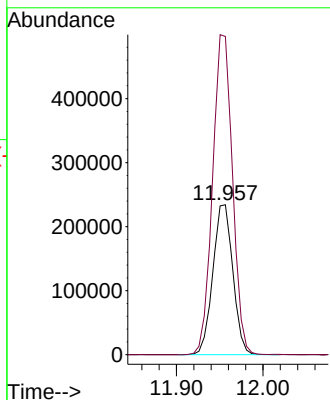
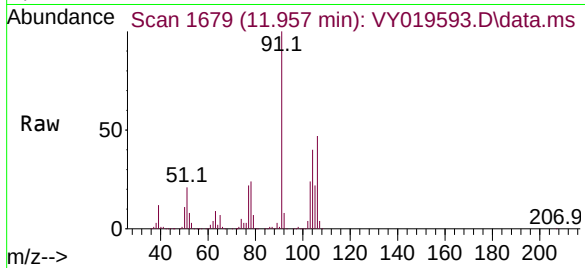




#69
o-Xylene
Concen: 58.682 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

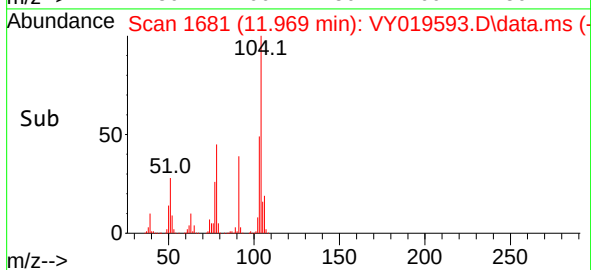
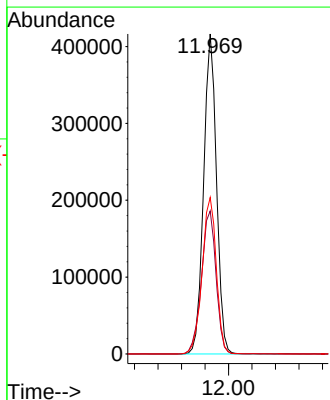
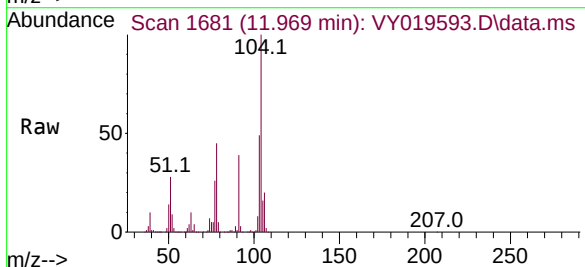
Instrument :
MSVOA_Y
ClientSampleId :

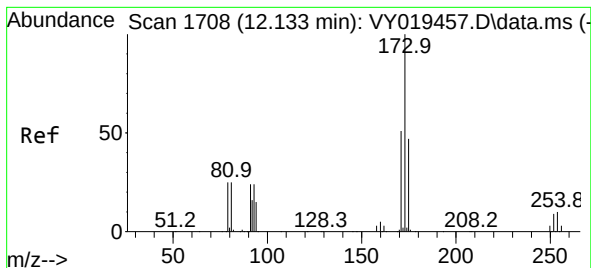
Tgt Ion:106 Resp: 375757
Ion Ratio Lower Upper
106 100
91 212.8 103.6 310.8



#70
Styrene
Concen: 58.634 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion:104 Resp: 633896
Ion Ratio Lower Upper
104 100
78 50.5 37.0 55.4
103 54.0 44.2 66.2





#71

Bromoform

Concen: 55.613 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

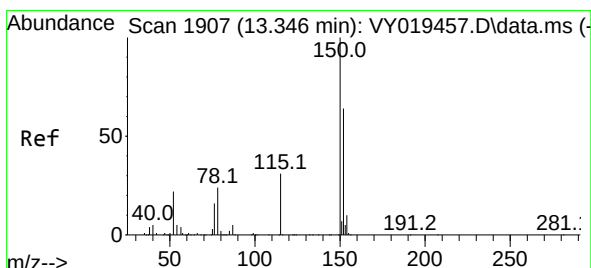
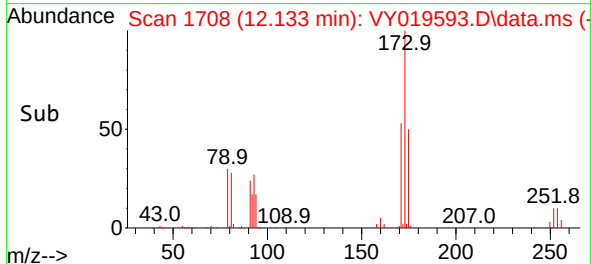
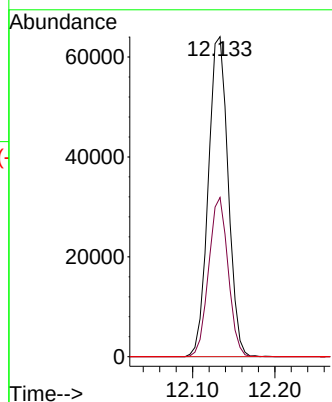
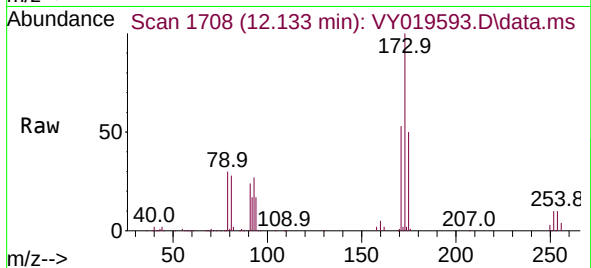
Tgt Ion:173 Resp: 107178

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

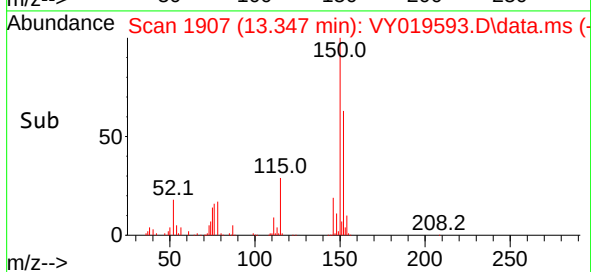
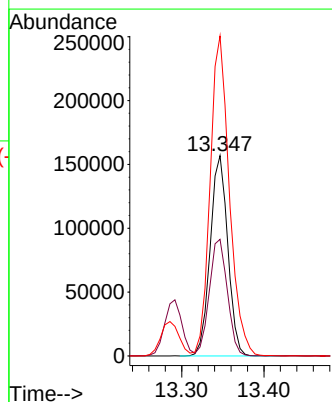
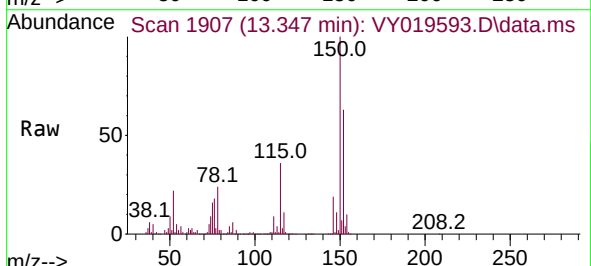
Tgt Ion:152 Resp: 233097

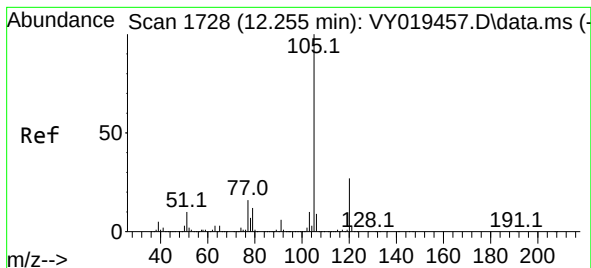
Ion Ratio Lower Upper

152 100

115 59.7 28.2 84.7

150 174.8 0.0 345.6





#73

Isopropylbenzene

Concen: 57.826 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

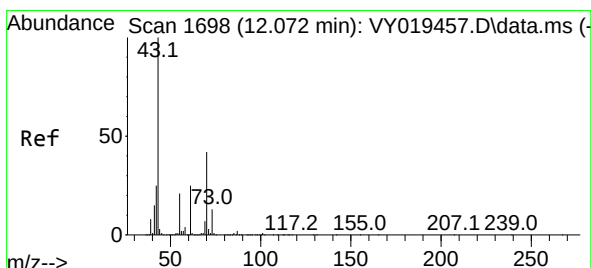
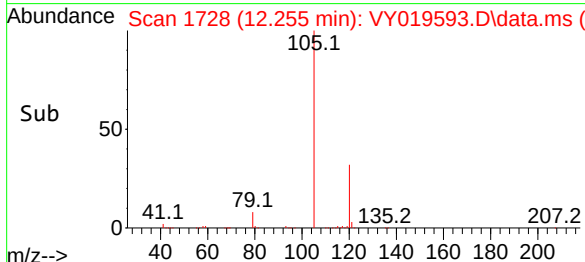
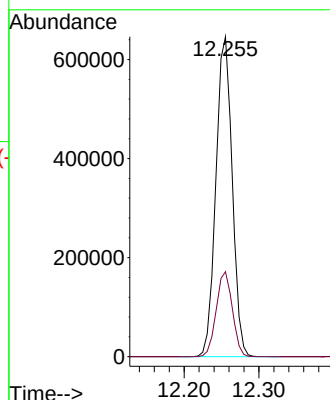
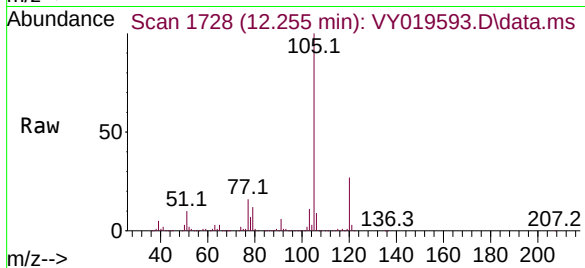
ClientSampleId :

Tgt Ion:105 Resp: 977857

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 52.292 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Tgt Ion: 43 Resp: 240493

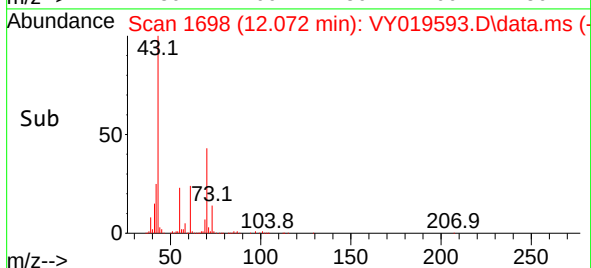
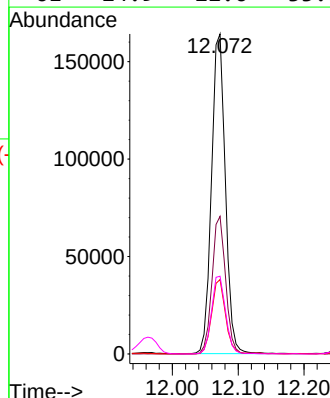
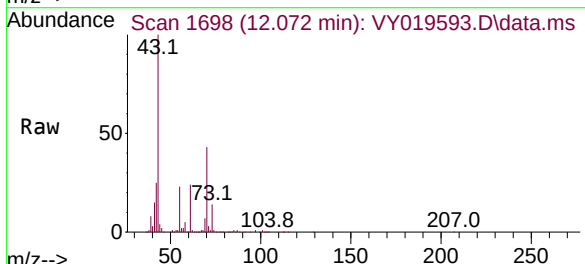
Ion Ratio Lower Upper

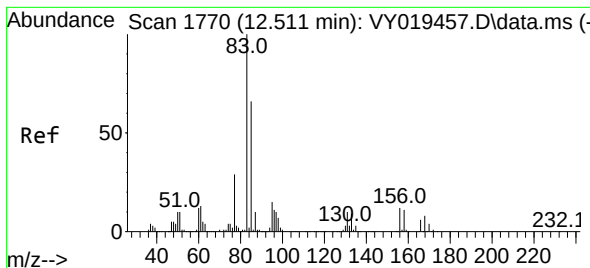
43 100

70 42.3 41.4 62.2

55 23.4 23.3 34.9

61 24.9 22.6 33.8

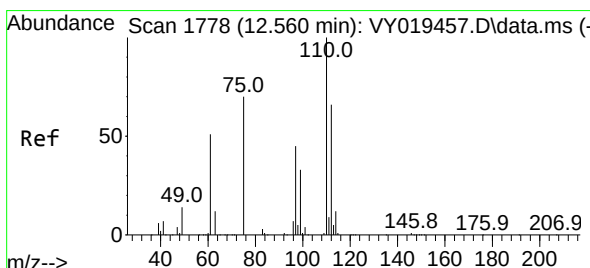
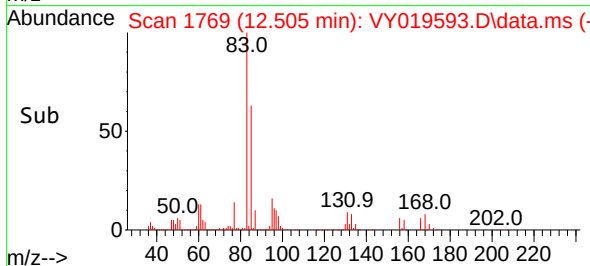
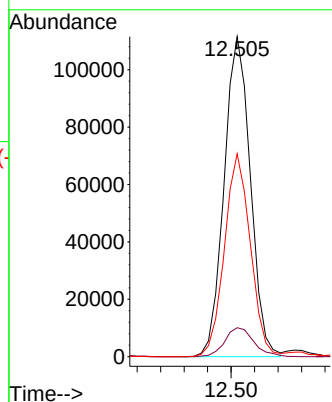
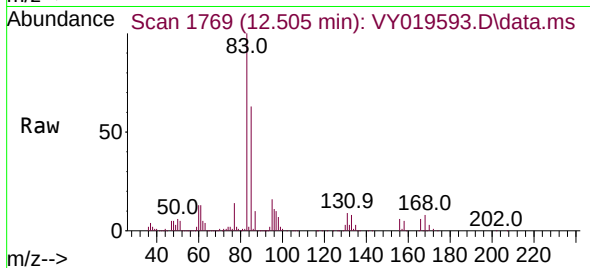




#75
1,1,2,2-Tetrachloroethane
Concen: 57.691 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

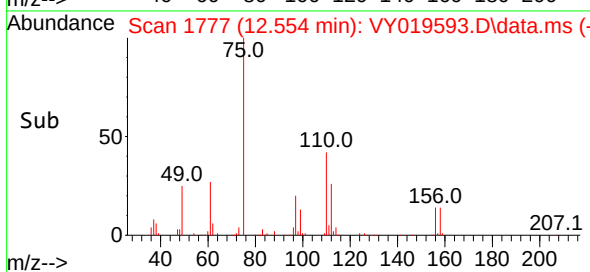
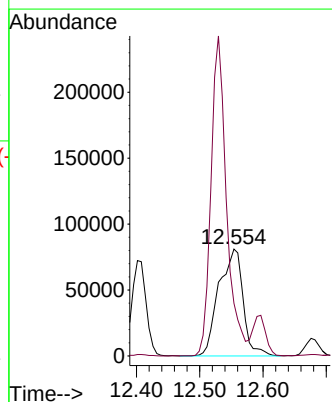
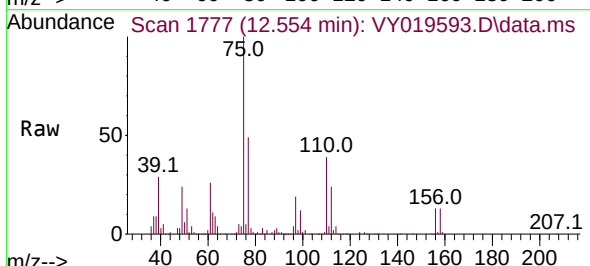
Instrument :
MSVOA_Y
ClientSampleId :

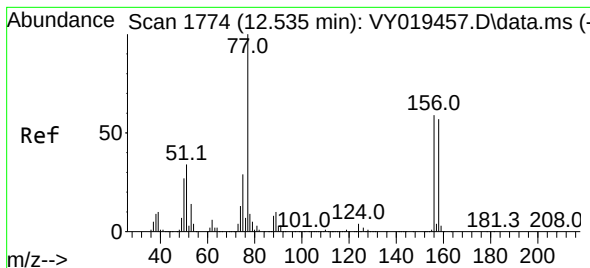
Tgt Ion: 83 Resp: 173160
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 62.5 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 98.397 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 75 Resp: 214977
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 57.049 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

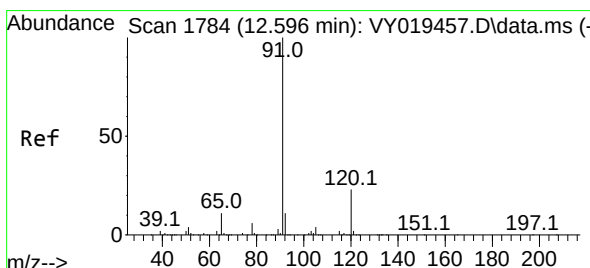
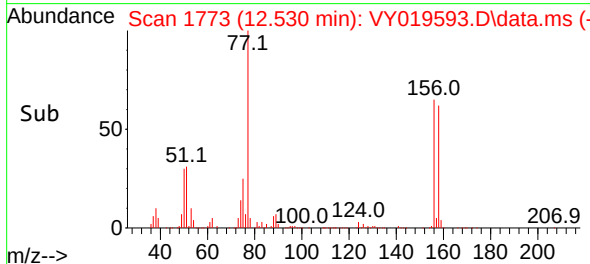
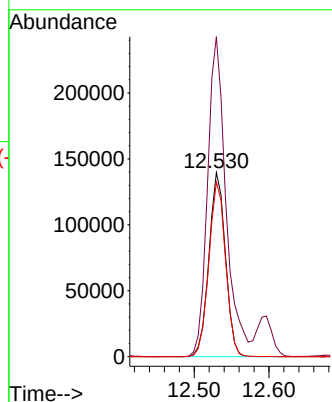
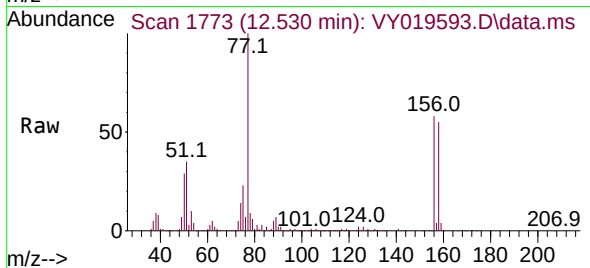
Tgt Ion:156 Resp: 213960

Ion Ratio Lower Upper

156 100

77 193.3 87.1 261.3

158 95.8 48.6 145.9



#78

n-propylbenzene

Concen: 58.046 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019593.D

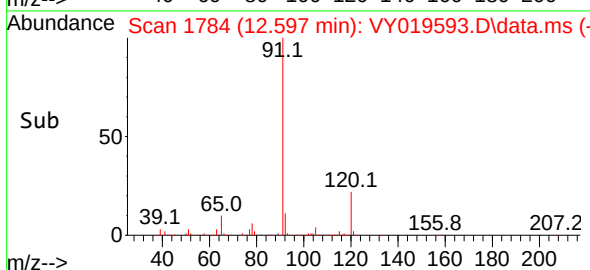
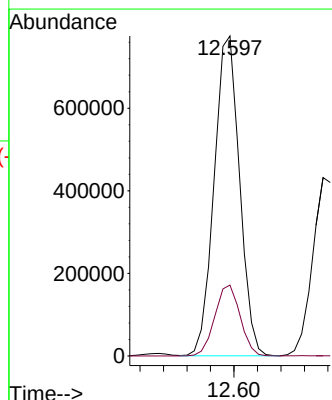
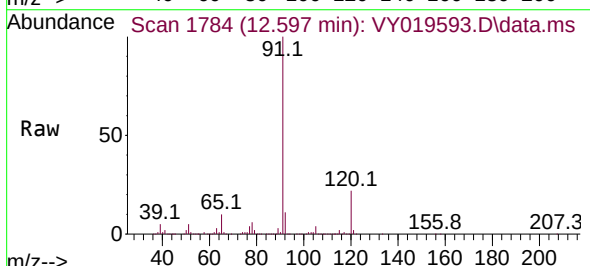
Acq: 17 Sep 2024 18:08

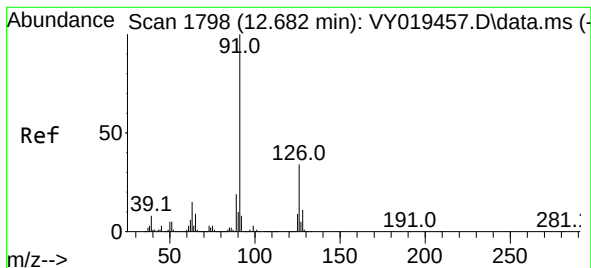
Tgt Ion: 91 Resp: 1163443

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 57.868 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

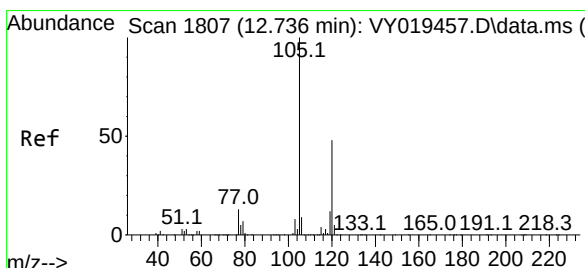
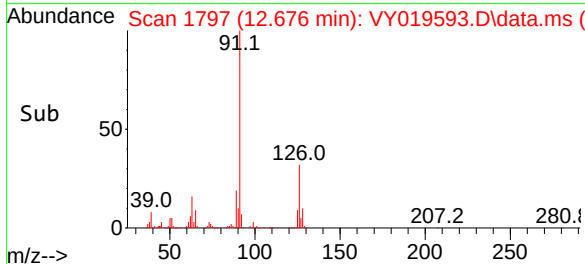
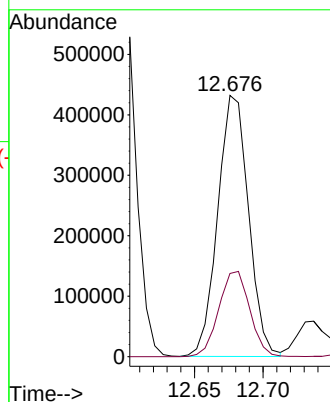
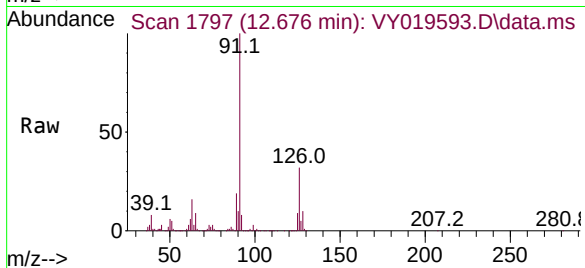
ClientSampleId :

Tgt Ion: 91 Resp: 675950

Ion Ratio Lower Upper

91 100

126 32.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 57.551 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019593.D

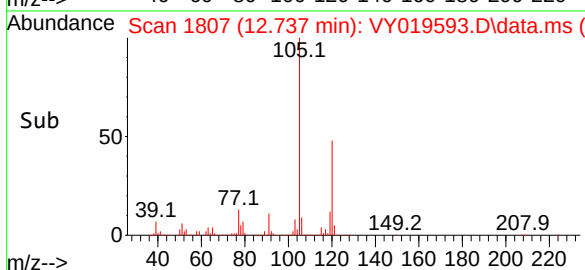
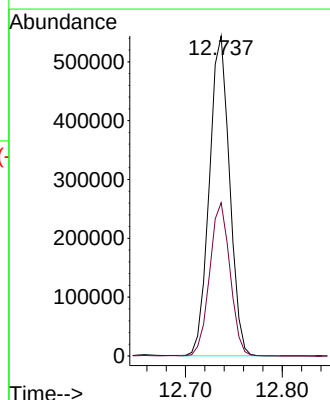
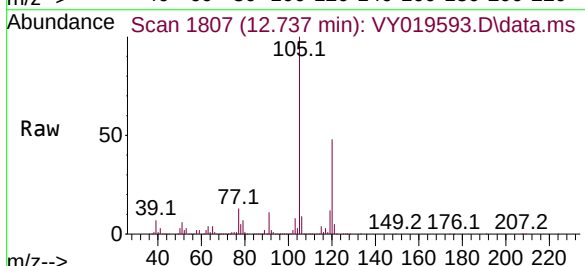
Acq: 17 Sep 2024 18:08

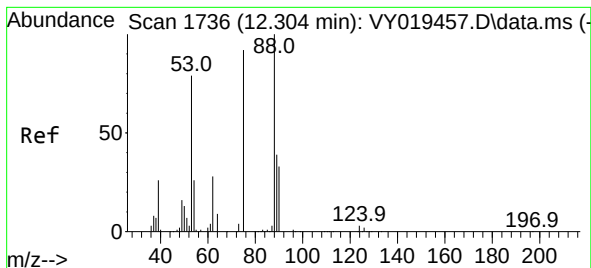
Tgt Ion: 105 Resp: 791176

Ion Ratio Lower Upper

105 100

120 48.2 25.1 75.2

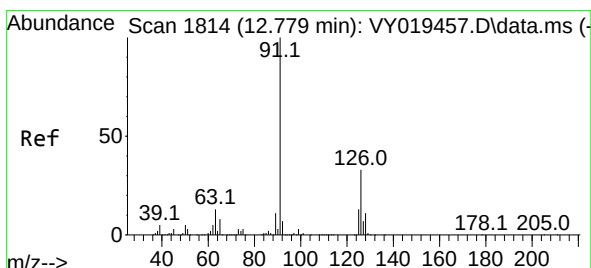
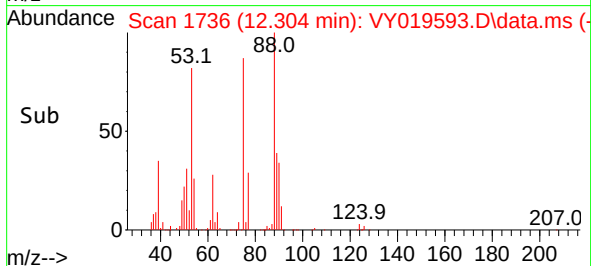
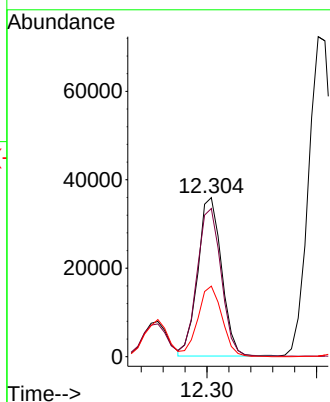
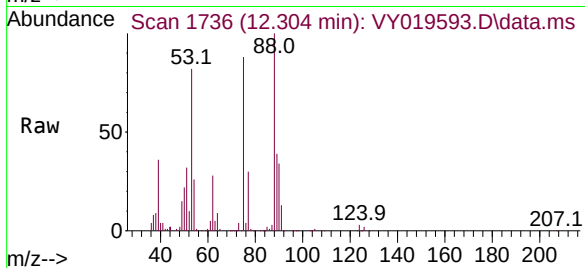




#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.563 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY019593.D
 Acq: 17 Sep 2024 18:08

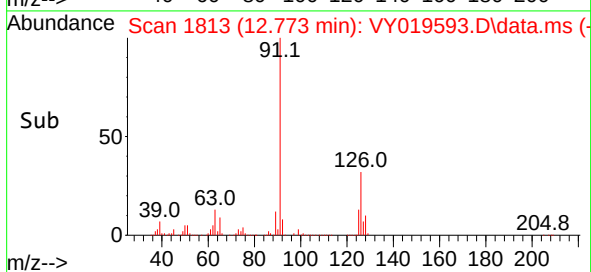
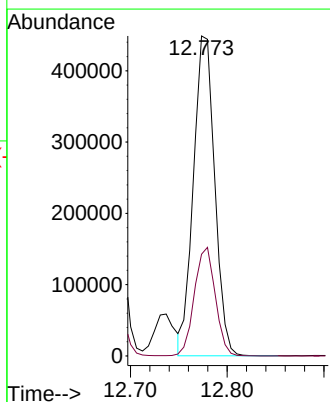
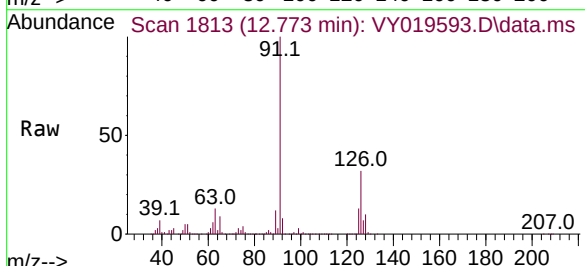
Instrument :
 MSVOA_Y
 ClientSampleId :

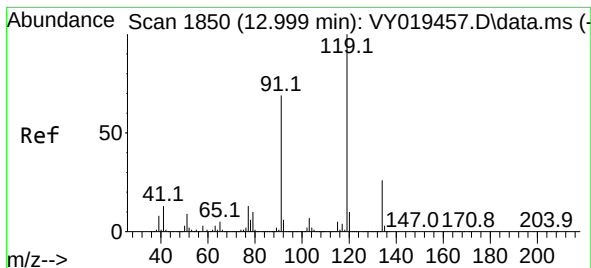
Tgt Ion:	75	Resp:	54131
Ion	Ratio	Lower	Upper
75	100		
53	94.4	66.8	100.2
89	45.4	35.8	53.6



#82
 4-Chlorotoluene
 Concen: 57.274 ug/l
 RT: 12.773 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: VY019593.D
 Acq: 17 Sep 2024 18:08

Tgt Ion:	91	Resp:	687790
Ion	Ratio	Lower	Upper
91	100		
126	33.4	17.6	52.9





#83

tert-Butylbenzene

Concen: 58.600 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

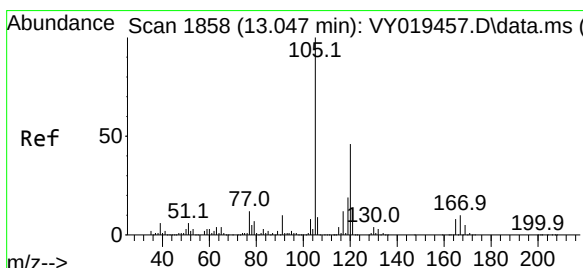
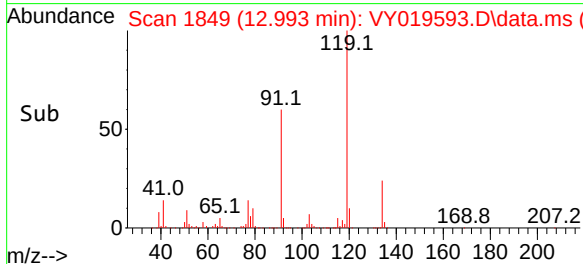
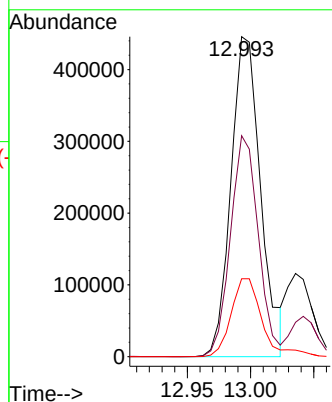
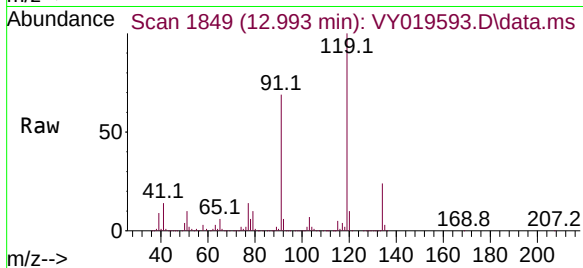
Tgt Ion:119 Resp: 729312

Ion Ratio Lower Upper

119 100

91 64.8 31.3 93.8

134 25.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 57.428 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019593.D

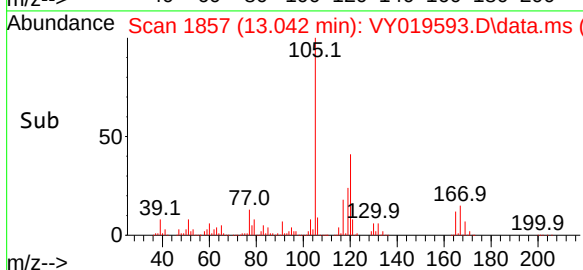
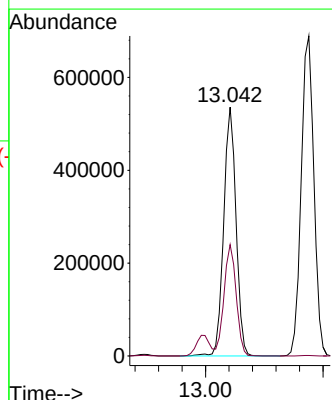
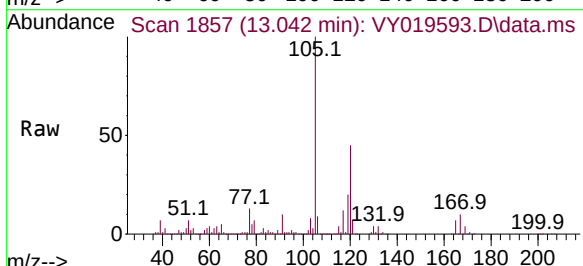
Acq: 17 Sep 2024 18:08

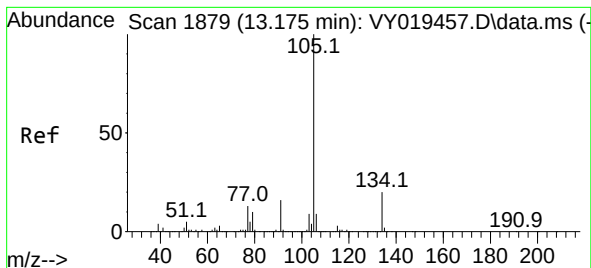
Tgt Ion:105 Resp: 781486

Ion Ratio Lower Upper

105 100

120 43.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 56.840 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

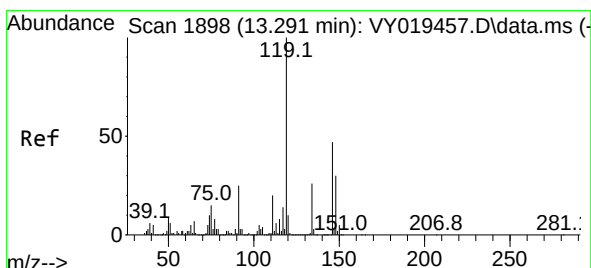
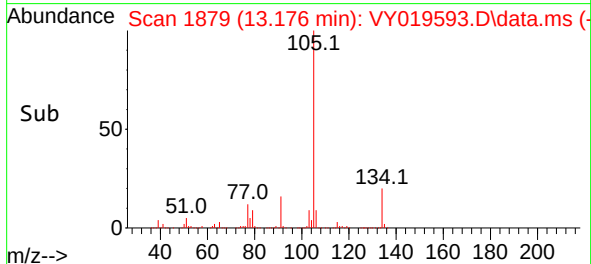
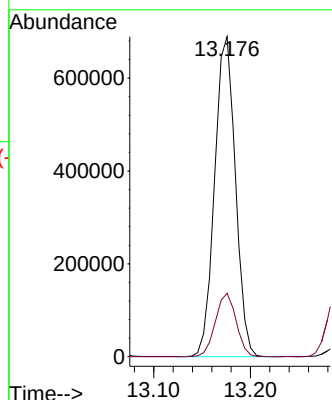
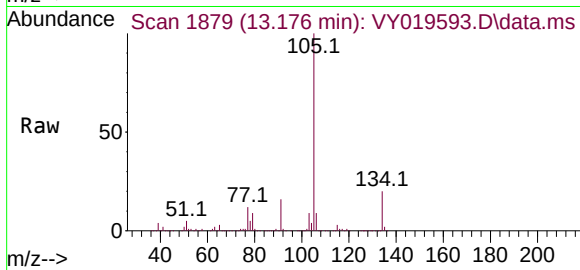
ClientSampleId :

Tgt Ion:105 Resp: 1027664

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 57.011 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

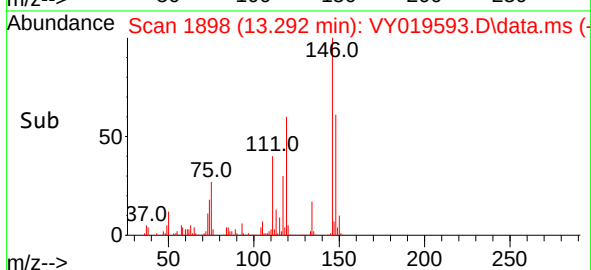
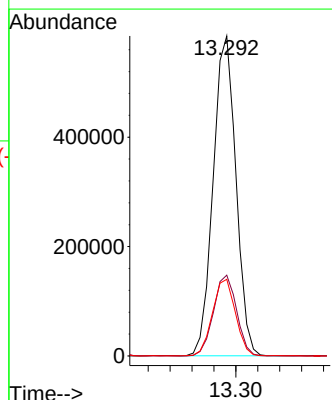
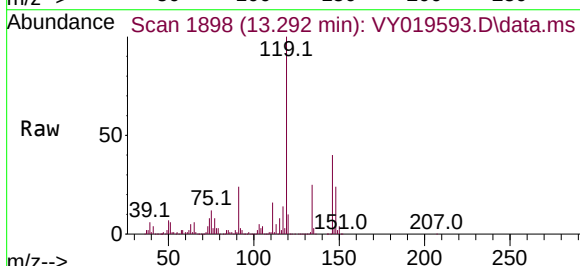
Tgt Ion:119 Resp: 843329

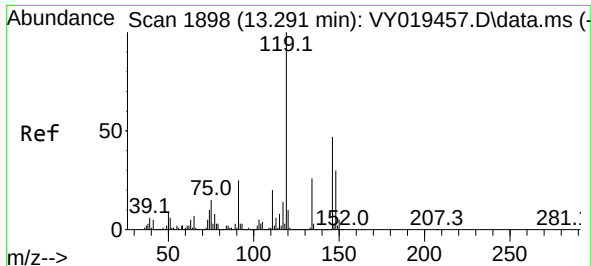
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 24.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 56.996 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

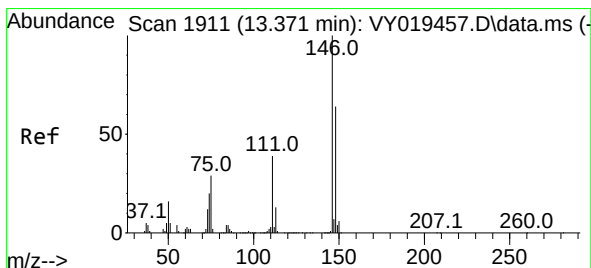
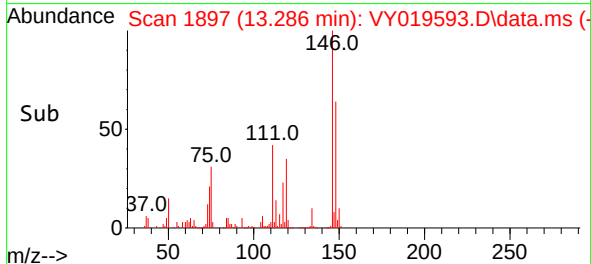
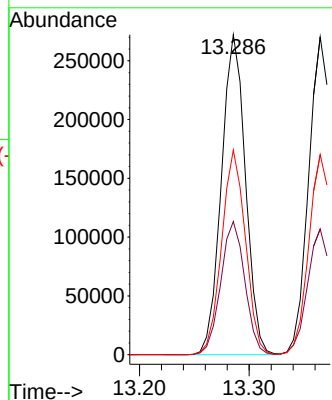
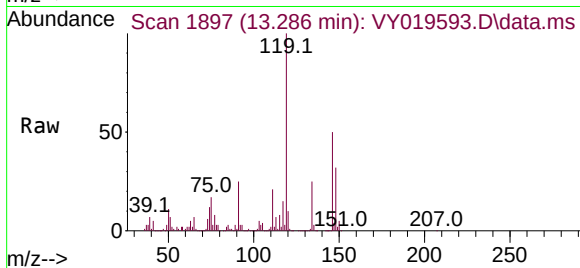
Tgt Ion:146 Resp: 415370

Ion Ratio Lower Upper

146 100

111 41.6 19.0 57.0

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 56.518 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

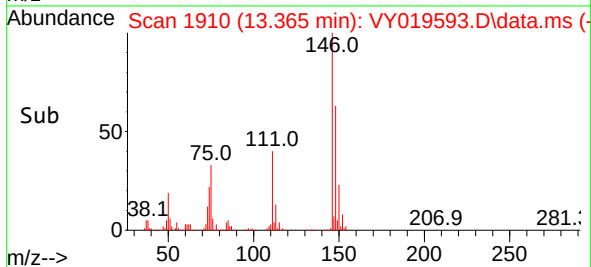
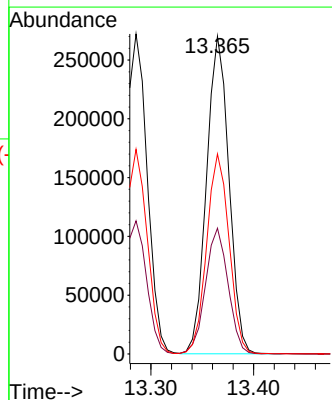
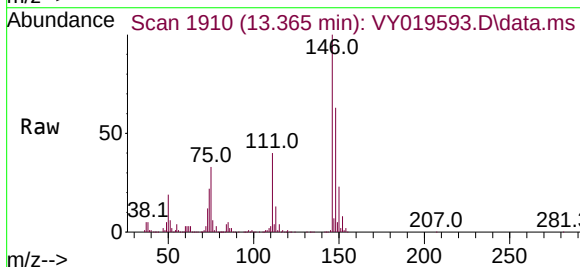
Tgt Ion:146 Resp: 408765

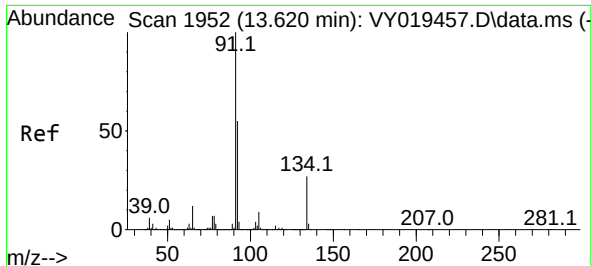
Ion Ratio Lower Upper

146 100

111 40.0 18.4 55.4

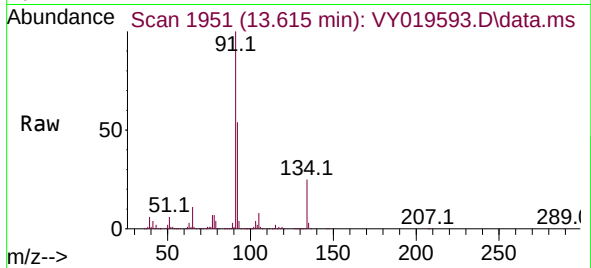
148 63.2 32.4 97.2



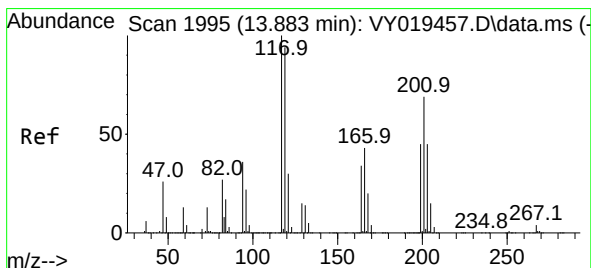
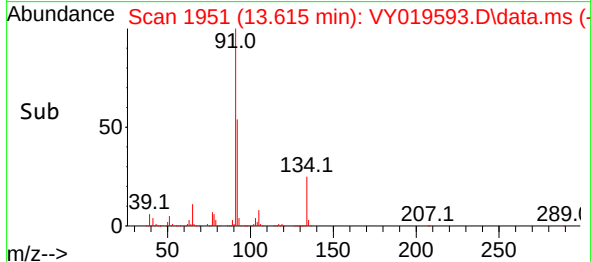
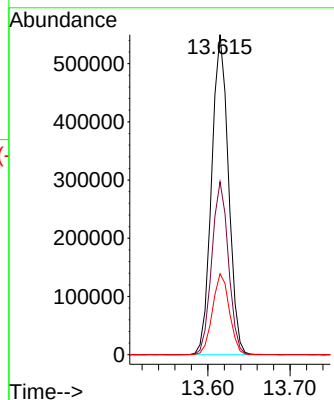


#89
n-Butylbenzene
Concen: 55.293 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Instrument :
MSVOA_Y
ClientSampleId :

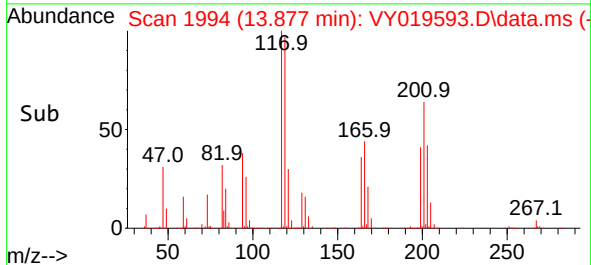
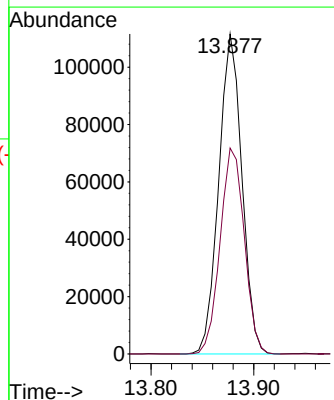
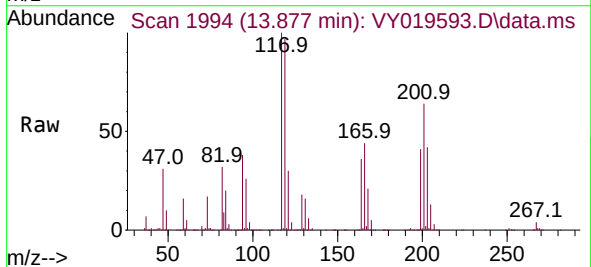


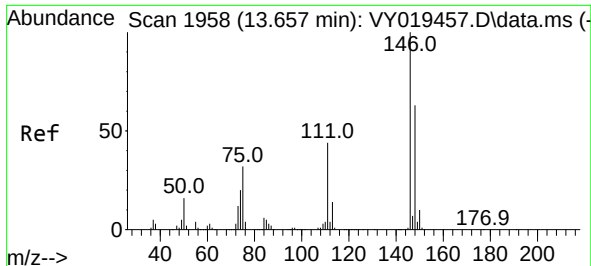
Tgt Ion: 91 Resp: 781914
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.7
134 25.3 12.9 38.7



#90
Hexachloroethane
Concen: 56.681 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 117 Resp: 174456
Ion Ratio Lower Upper
117 100
201 67.2 37.4 112.2

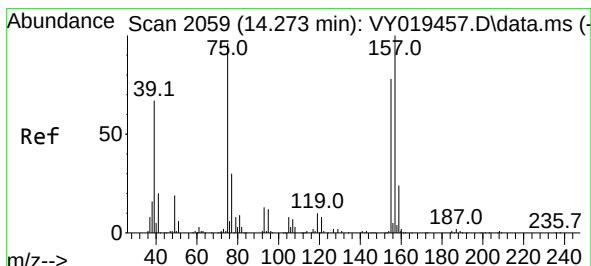
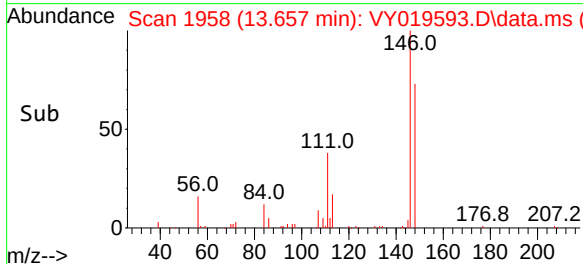
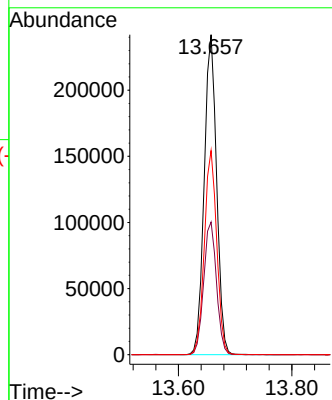
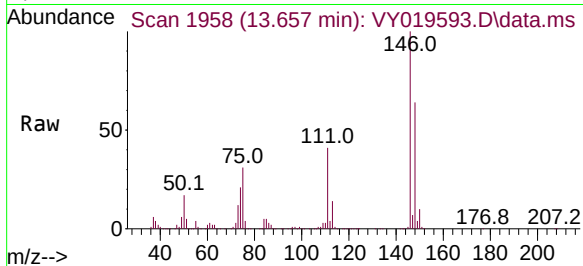




#91
1,2-Dichlorobenzene
Concen: 56.616 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

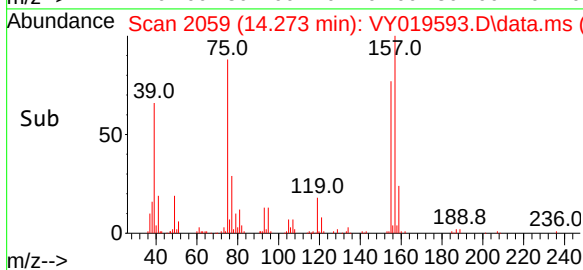
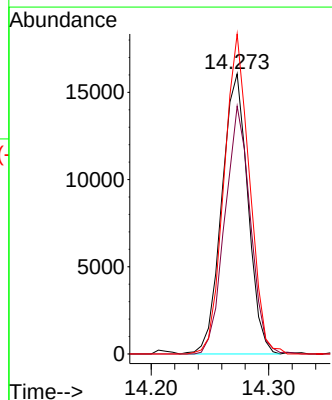
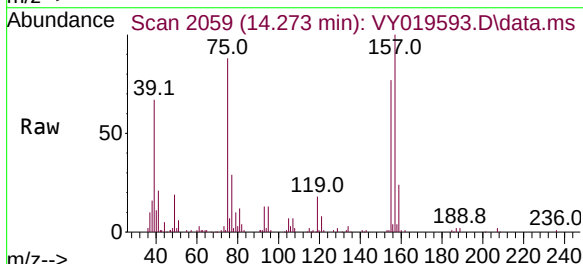
Instrument :
MSVOA_Y
ClientSampleId :

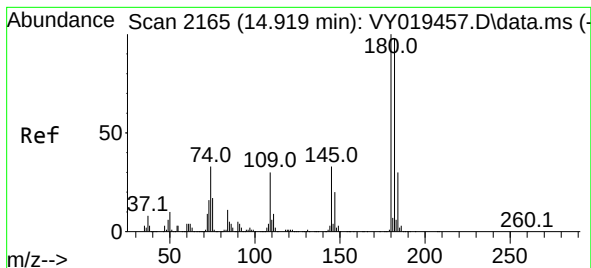
Tgt Ion:146 Resp: 368187
Ion Ratio Lower Upper
146 100
111 42.8 19.9 59.7
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.636 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019593.D
Acq: 17 Sep 2024 18:08

Tgt Ion: 75 Resp: 24830
Ion Ratio Lower Upper
75 100
155 86.0 48.6 145.8
157 110.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.074 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

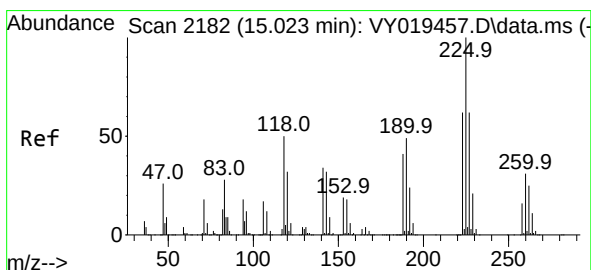
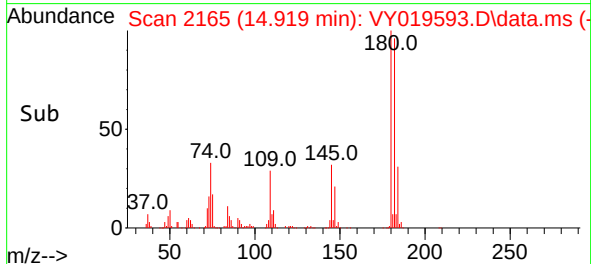
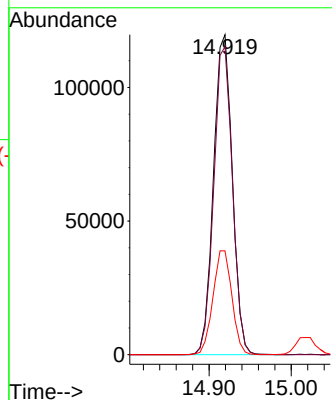
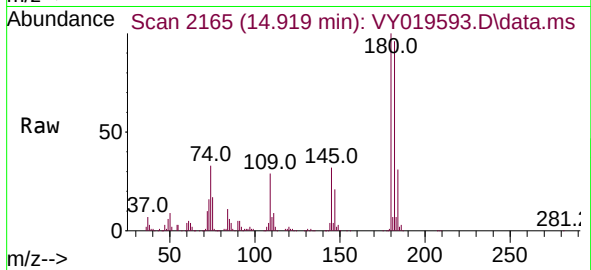
Tgt Ion:180 Resp: 190149

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.8

145 32.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.391 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

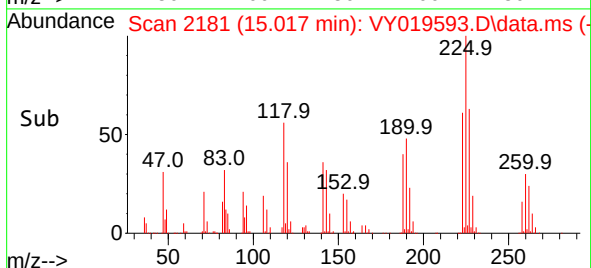
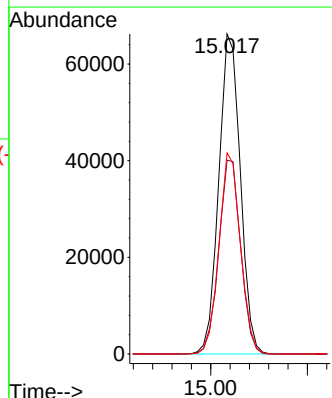
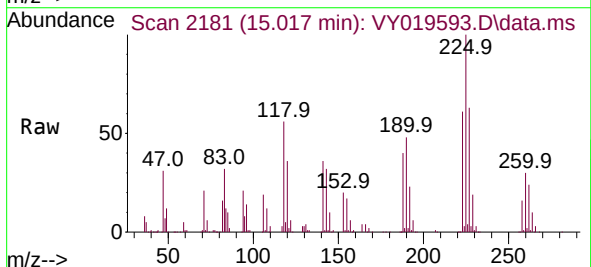
Tgt Ion:225 Resp: 102250

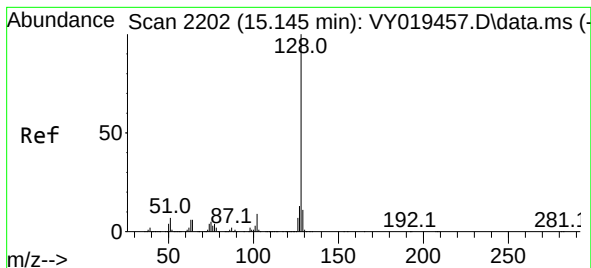
Ion Ratio Lower Upper

225 100

223 61.4 30.4 91.2

227 62.3 31.9 95.9





#95

Naphthalene

Concen: 48.455 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

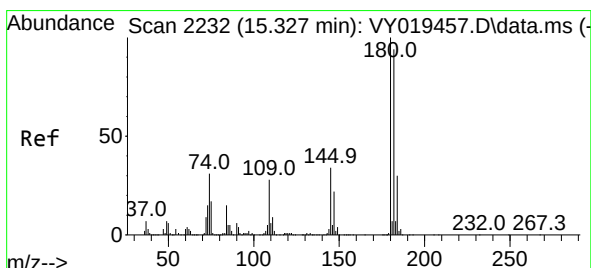
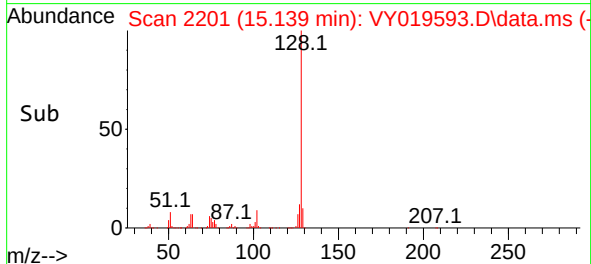
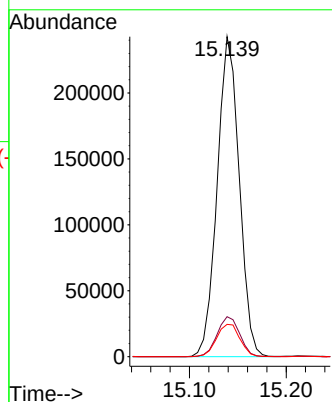
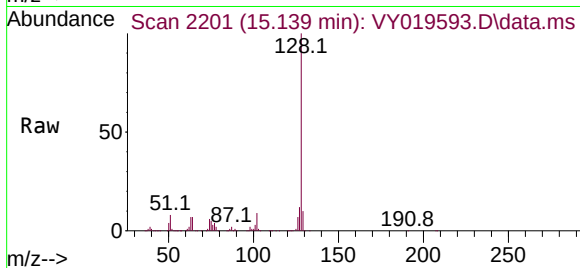
Tgt Ion:128 Resp: 383807

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.849 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY019593.D

Acq: 17 Sep 2024 18:08

Tgt Ion:180 Resp: 161885

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 34.2 15.4 46.1

