

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019578.D
 Acq On : 17 Sep 2024 12:16
 Operator : SY/MD
 Sample : VY0917SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 18 01:31:28 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	376999	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	643031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	537322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	252101	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	197920	56.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.400%	
35) Dibromofluoromethane	7.628	113	200548	55.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.020%	
50) Toluene-d8	10.109	98	751125	55.700	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.400%	
62) 4-Bromofluorobenzene	12.408	95	262194	50.566	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.140%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	58803	26.623	ug/l	99
3) Chloromethane	2.074	50	68547	21.976	ug/l	99
4) Vinyl Chloride	2.208	62	80725	23.934	ug/l	100
5) Bromomethane	2.598	94	54144	26.135	ug/l	98
6) Chloroethane	2.739	64	54486	24.712	ug/l	97
7) Trichlorofluoromethane	3.062	101	133404	23.728	ug/l	94
8) Diethyl Ether	3.452	74	38349	20.320	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.818	101	80979	23.283	ug/l	95
10) Methyl Iodide	4.007	142	85591	19.195	ug/l	94
11) Tert butyl alcohol	4.860	59	42441	150.543	ug/l	# 84
12) 1,1-Dichloroethene	3.787	96	69963	20.917	ug/l	92
13) Acrolein	3.653	56	18013	125.591	ug/l	99
14) Allyl chloride	4.385	41	122672	20.451	ug/l	# 93
15) Acrylonitrile	5.055	53	84963	104.410	ug/l	99
16) Acetone	3.867	43	92476	111.194	ug/l	88
17) Carbon Disulfide	4.104	76	167701	18.557	ug/l	99
18) Methyl Acetate	4.385	43	38994	17.277	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	196896	20.784	ug/l	98
20) Methylene Chloride	4.616	84	80828	21.311	ug/l	# 90
21) trans-1,2-Dichloroethene	5.110	96	76548	20.879	ug/l	92
22) Diisopropyl ether	6.019	45	261232	21.208	ug/l	94
23) Vinyl Acetate	5.958	43	744907	105.876	ug/l	# 93
24) 1,1-Dichloroethane	5.909	63	149376	21.611	ug/l	96
25) 2-Butanone	6.890	43	130191	110.067	ug/l	# 87
26) 2,2-Dichloropropane	6.884	77	147554	23.666	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	96463	21.660	ug/l	85
28) Bromochloromethane	7.244	49	54731	18.820	ug/l	84
29) Tetrahydrofuran	7.256	42	72483	100.785	ug/l	87
30) Chloroform	7.421	83	157970	22.388	ug/l	98
31) Cyclohexane	7.701	56	130287	20.854	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	143708	22.723	ug/l	97
36) 1,1-Dichloropropene	7.835	75	109296	22.031	ug/l	97
37) Ethyl Acetate	6.982	43	51351	20.202	ug/l	96
38) Carbon Tetrachloride	7.817	117	126720	22.651	ug/l	97
39) Methylcyclohexane	9.109	83	139612	21.147	ug/l	95
40) Benzene	8.079	78	328546	21.502	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	23384	15.782	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	91021	22.137	ug/l	97
43) Isopropyl Acetate	8.201	43	107176	20.069	ug/l #	81
44) Trichloroethene	8.866	130	82864	21.086	ug/l	94
45) 1,2-Dichloropropane	9.140	63	77971	20.873	ug/l	94
46) Dibromomethane	9.231	93	43494	21.291	ug/l	94
47) Bromodichloromethane	9.420	83	118428	21.567	ug/l	98
48) Methyl methacrylate	9.219	41	47805	18.956	ug/l	86
49) 1,4-Dioxane	9.225	88	10516	437.285	ug/l #	85
51) 4-Methyl-2-Pentanone	10.000	43	266976	99.371	ug/l	91
52) Toluene	10.170	92	212380	21.611	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	108629	20.752	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	125854	20.648	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	60469	21.435	ug/l	96
56) Ethyl methacrylate	10.439	69	84189	19.646	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	104070	21.461	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	193815	97.446	ug/l	98
59) 2-Hexanone	10.762	43	196111	99.565	ug/l	89
60) Dibromochloromethane	10.908	129	79163	21.213	ug/l	99
61) 1,2-Dibromoethane	11.012	107	53474	20.344	ug/l	99
64) Tetrachloroethene	10.646	164	71466	21.478	ug/l	93
65) Chlorobenzene	11.444	112	232460	21.994	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	80068	21.879	ug/l	99
67) Ethyl Benzene	11.518	91	420641	22.398	ug/l	100
68) m/p-Xylenes	11.627	106	314761	44.325	ug/l	94
69) o-Xylene	11.957	106	149995	21.598	ug/l	93
70) Styrene	11.969	104	254504	21.705	ug/l	96
71) Bromoform	12.127	173	42697	20.427	ug/l #	98
73) Isopropylbenzene	12.255	105	414163	22.645	ug/l	99
74) N-amyl acetate	12.072	43	99813	20.067	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	69991	21.561	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	88981	37.657	ug/l #	100
77) Bromobenzene	12.530	156	87455	21.560	ug/l	90
78) n-propylbenzene	12.597	91	495146	22.841	ug/l	100
79) 2-Chlorotoluene	12.682	91	280082	22.170	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	329993	22.194	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	23794	19.331	ug/l	93
82) 4-Chlorotoluene	12.780	91	286330	22.046	ug/l	96
83) tert-Butylbenzene	12.999	119	313499	23.291	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	331444	22.520	ug/l	96
85) sec-Butylbenzene	13.176	105	448192	22.921	ug/l	100
86) p-Isopropyltoluene	13.292	119	366125	22.885	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	175691	22.291	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	172844	22.097	ug/l	96
89) n-Butylbenzene	13.615	91	350384	22.910	ug/l	100
90) Hexachloroethane	13.877	117	72603	21.811	ug/l	90
91) 1,2-Dichlorobenzene	13.657	146	153257	21.790	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10711	19.798	ug/l	79
93) 1,2,4-Trichlorobenzene	14.919	180	82888	19.376	ug/l	98
94) Hexachlorobutadiene	15.023	225	48183	21.084	ug/l	99
95) Naphthalene	15.139	128	158757	18.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	70835	19.359	ug/l	97

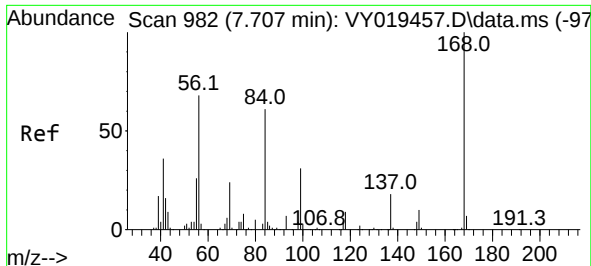
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
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Response via : Initial Calibration

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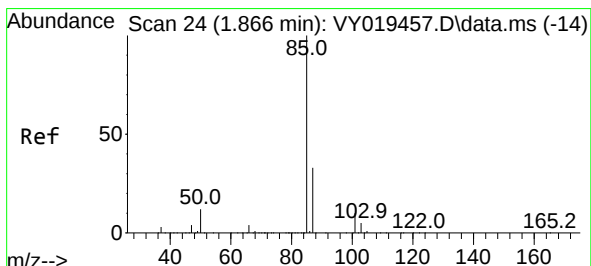
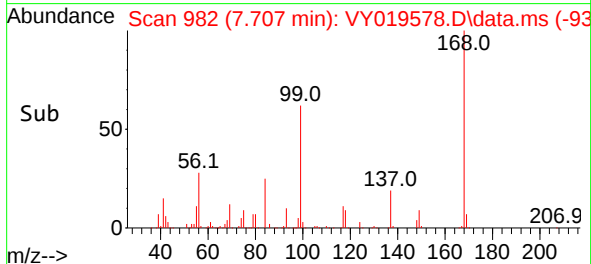
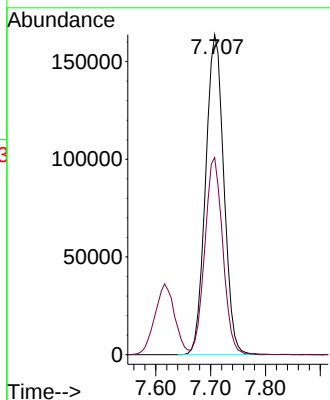
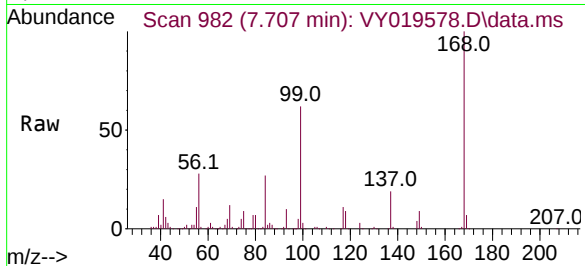
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

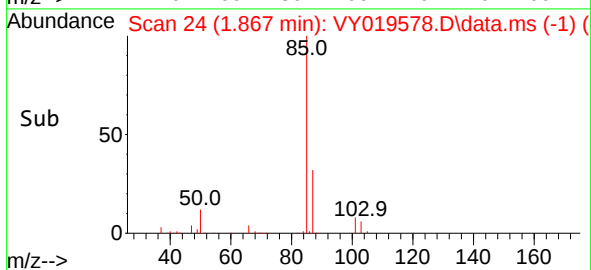
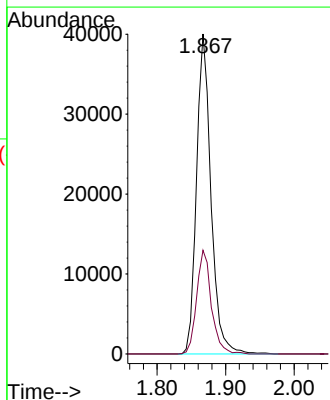
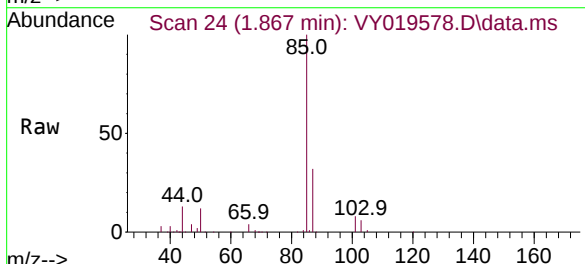
Instrument :
MSVOA_Y
ClientSampleId :

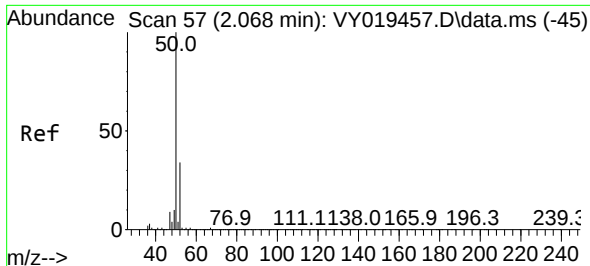
Tgt Ion:168 Resp: 376999
Ion Ratio Lower Upper
168 100
99 61.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 26.623 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

Tgt Ion: 85 Resp: 58803
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

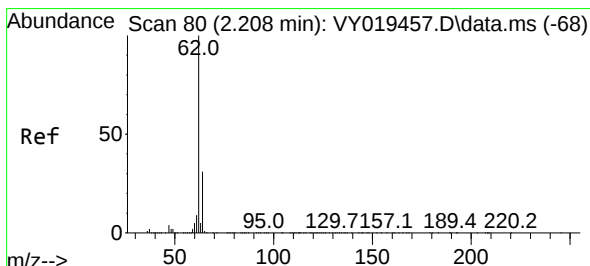
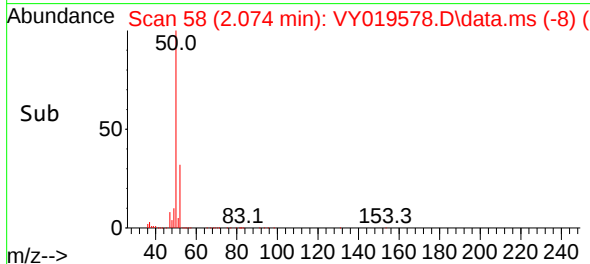
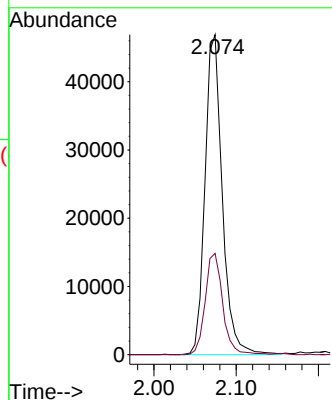
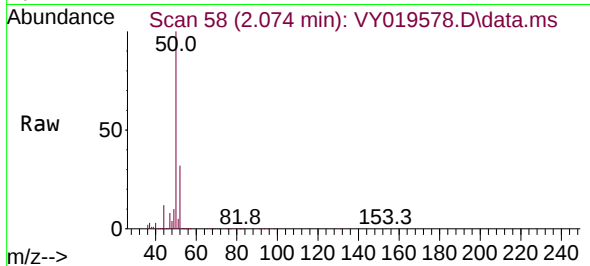




#3
Chloromethane
Concen: 21.976 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

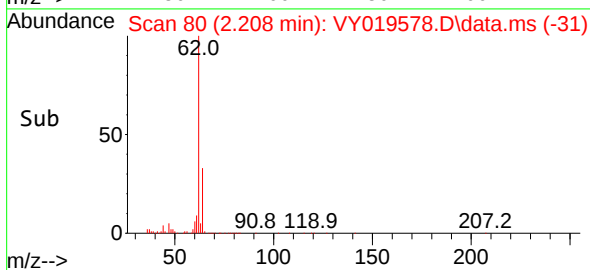
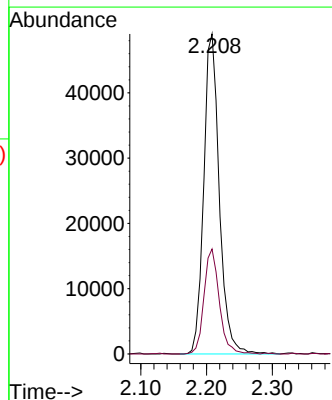
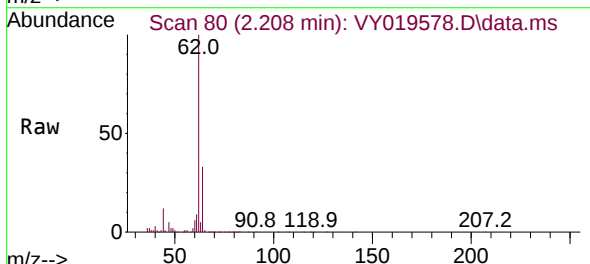
Instrument :
MSVOA_Y
ClientSampleId :

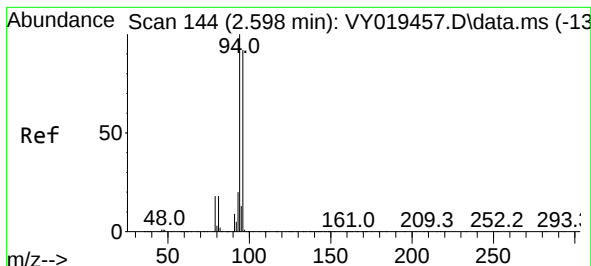
Tgt Ion: 50 Resp: 68547
Ion Ratio Lower Upper
50 100
52 31.7 25.6 38.4



#4
Vinyl Chloride
Concen: 23.934 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

Tgt Ion: 62 Resp: 80725
Ion Ratio Lower Upper
62 100
64 32.8 26.1 39.1





#5

Bromomethane

Concen: 26.135 ug/l

RT: 2.598 min Scan# 144

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

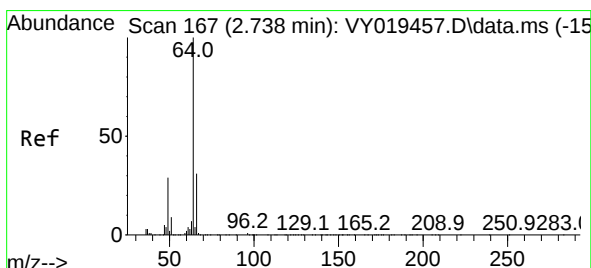
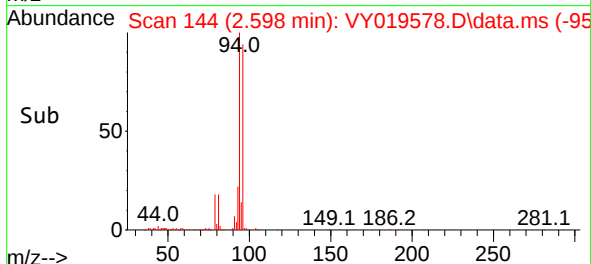
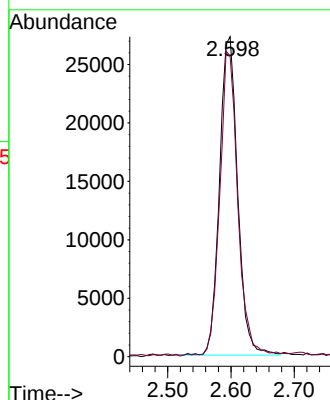
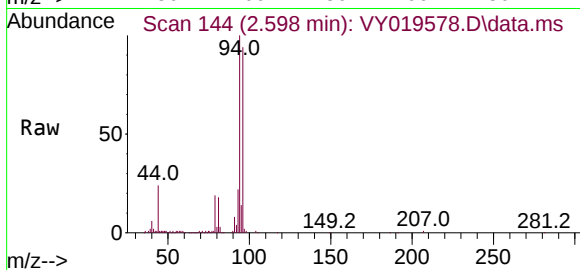
ClientSampleId :

Tgt Ion: 94 Resp: 54144

Ion Ratio Lower Upper

94 100

96 94.1 74.1 111.1



#6

Chloroethane

Concen: 24.712 ug/l

RT: 2.739 min Scan# 167

Delta R.T. 0.000 min

Lab File: VY019578.D

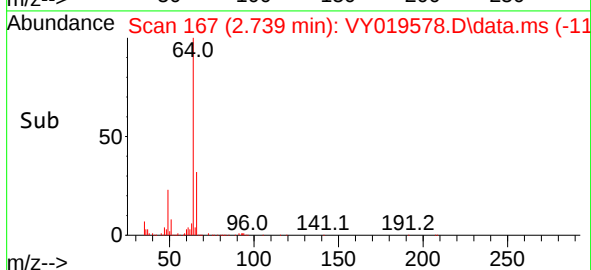
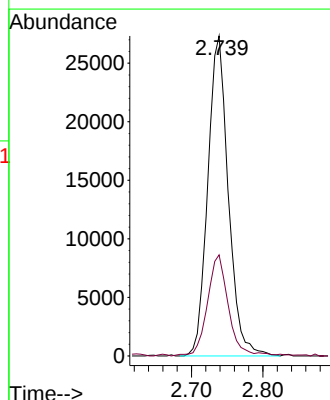
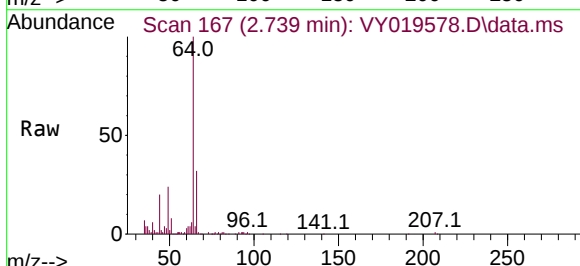
Acq: 17 Sep 2024 12:16

Tgt Ion: 64 Resp: 54486

Ion Ratio Lower Upper

64 100

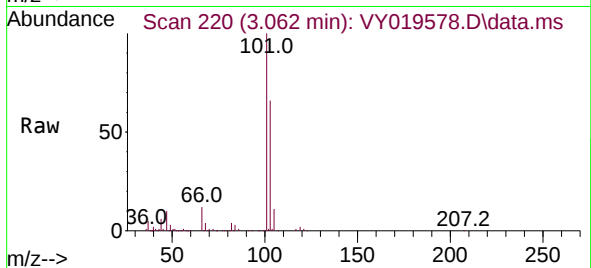
66 31.1 26.1 39.1



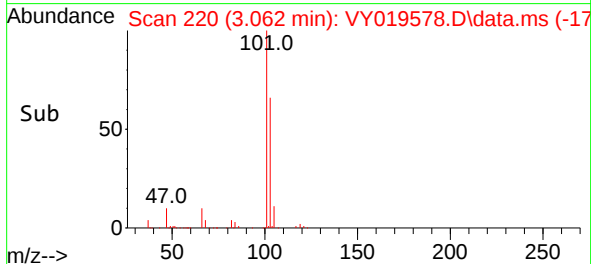
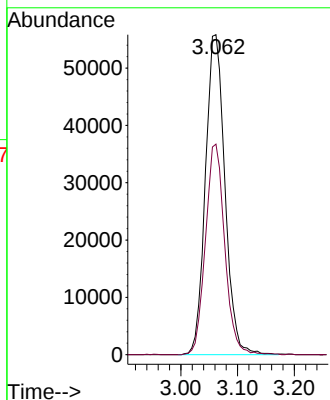


#7
 Trichlorofluoromethane
 Concen: 23.728 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019578.D
 Acq: 17 Sep 2024 12:16

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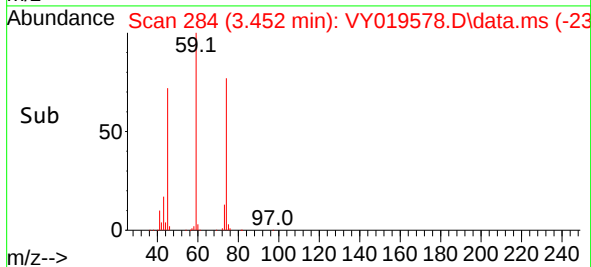
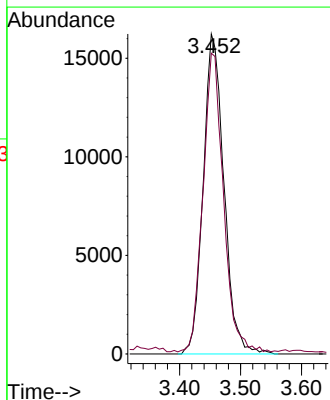
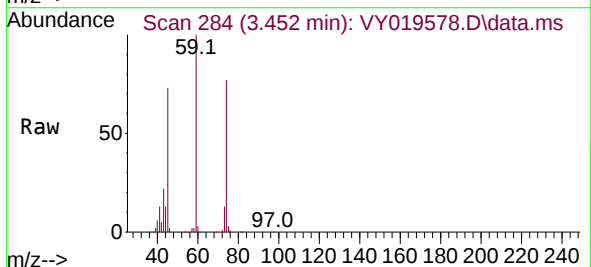


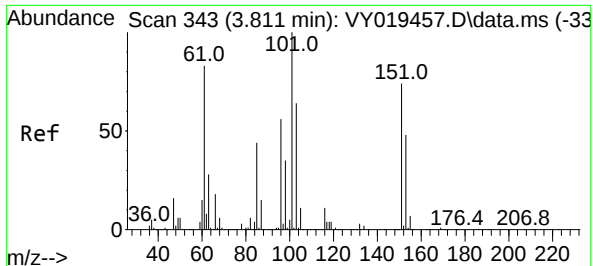
Tgt Ion:101 Resp: 133404
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.320 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019578.D
 Acq: 17 Sep 2024 12:16

Tgt Ion: 74 Resp: 38349
 Ion Ratio Lower Upper
 74 100
 45 92.0 41.3 124.1

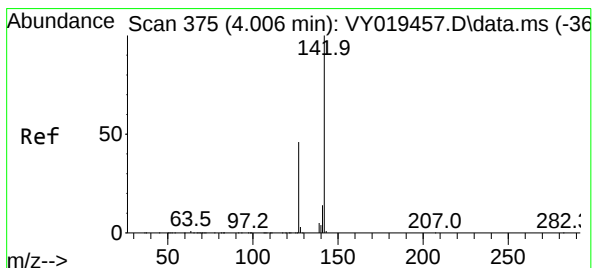
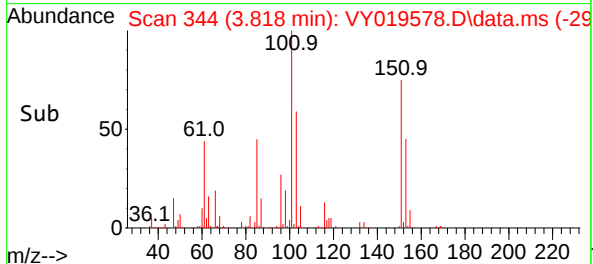
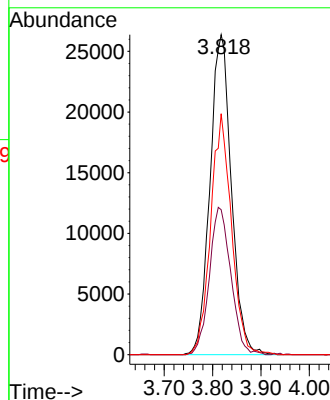
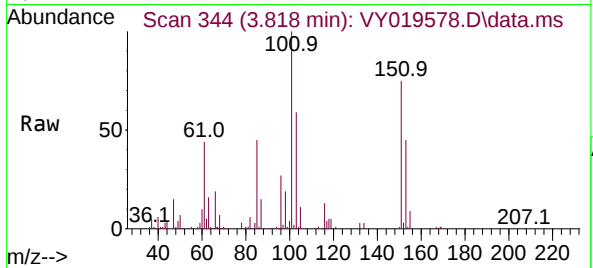




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.283 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.007 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

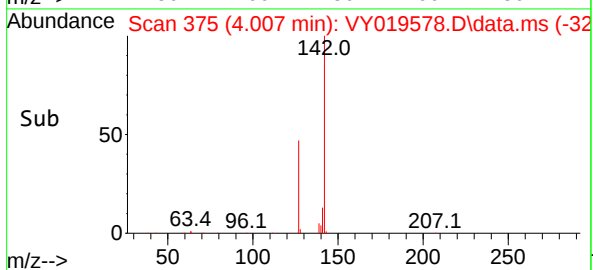
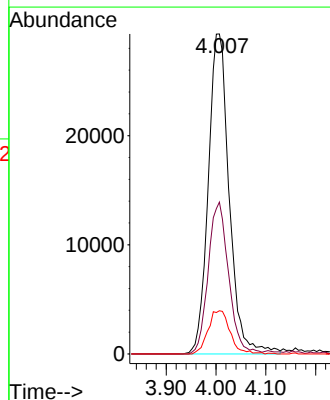
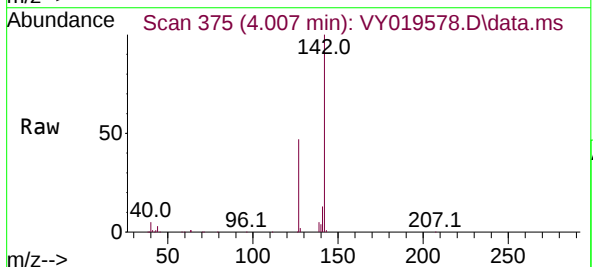
Instrument :
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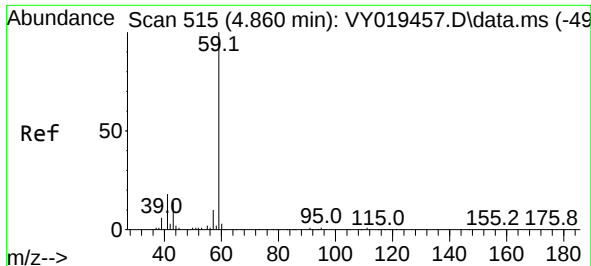
Tgt Ion:101 Resp: 80979
Ion Ratio Lower Upper
101 100
85 46.2 34.5 51.7
151 73.3 61.7 92.5



#10
Methyl Iodide
Concen: 19.195 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

Tgt Ion:142 Resp: 85591
Ion Ratio Lower Upper
142 100
127 46.1 32.8 49.2
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 150.543 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

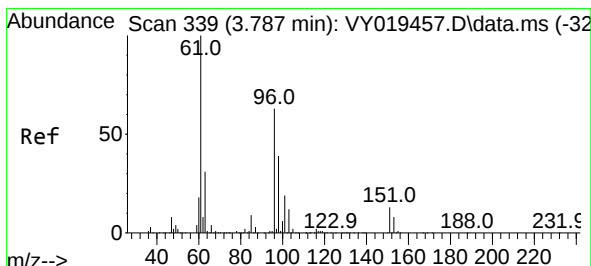
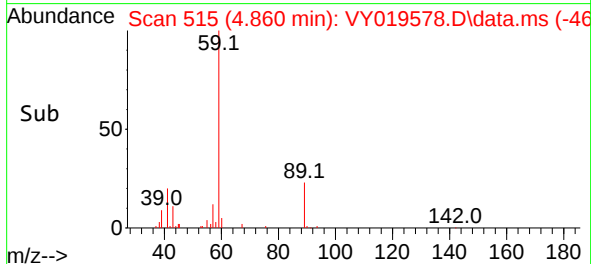
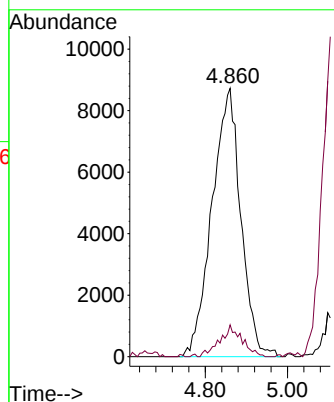
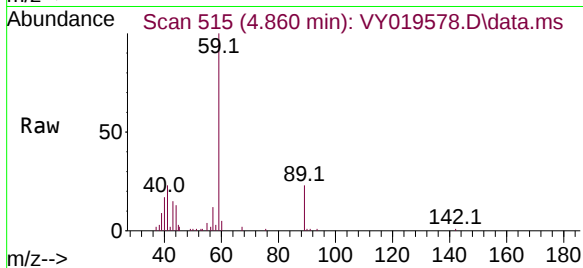
ClientSampleId :

Tgt Ion: 59 Resp: 42441

Ion Ratio Lower Upper

59 100

57 9.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 20.917 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

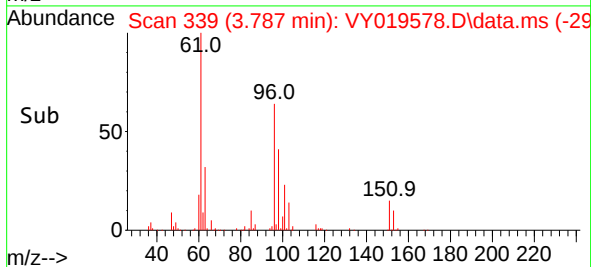
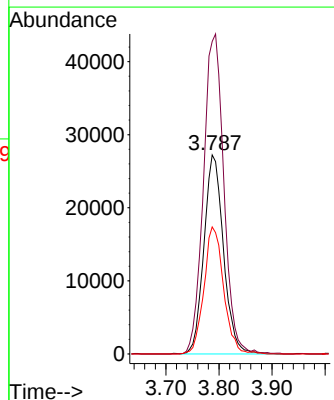
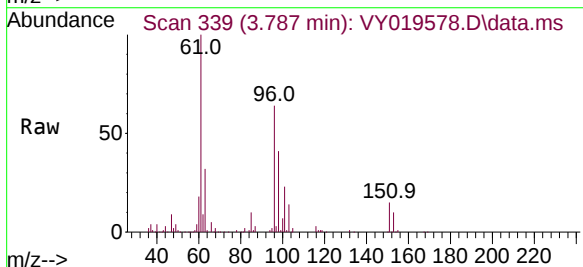
Tgt Ion: 96 Resp: 69963

Ion Ratio Lower Upper

96 100

61 156.8 114.6 171.8

98 63.9 50.8 76.2





#13

Acrolein

Concen: 125.591 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

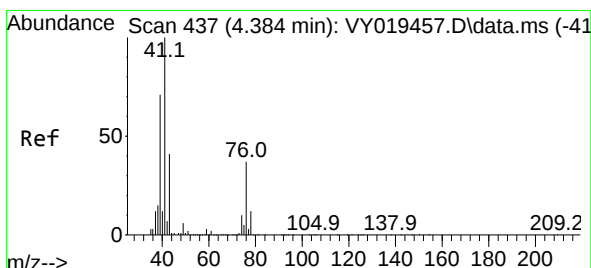
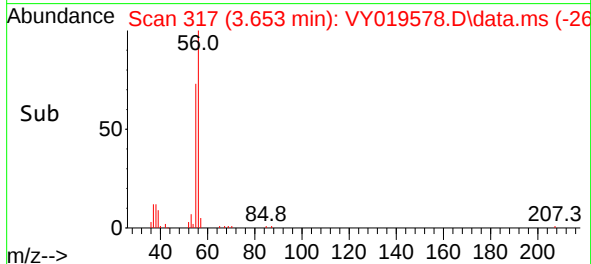
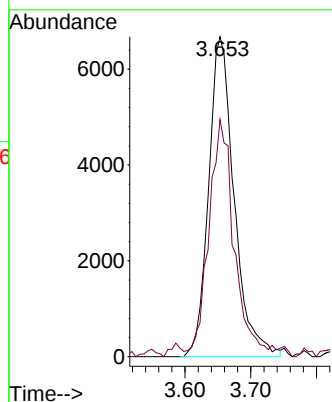
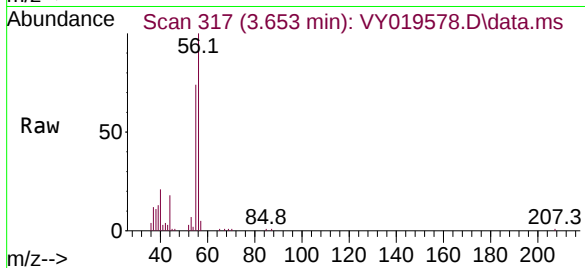
ClientSampleId :

Tgt Ion: 56 Resp: 18013

Ion Ratio Lower Upper

56 100

55 68.4 55.7 83.5



#14

Allyl chloride

Concen: 20.451 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

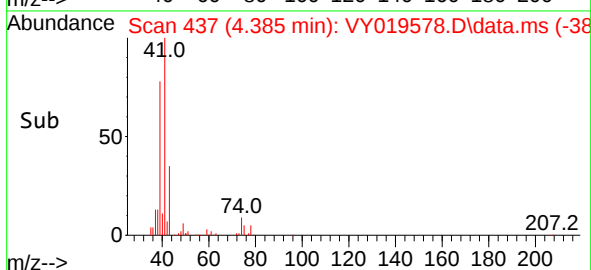
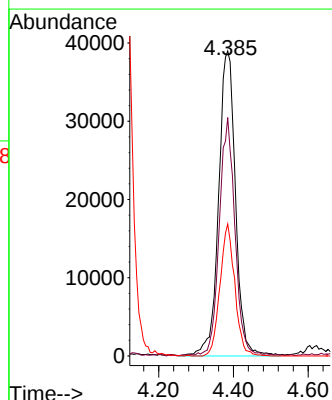
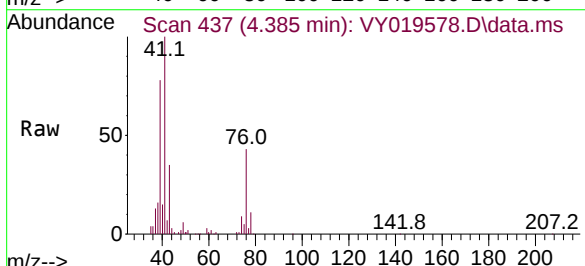
Tgt Ion: 41 Resp: 122672

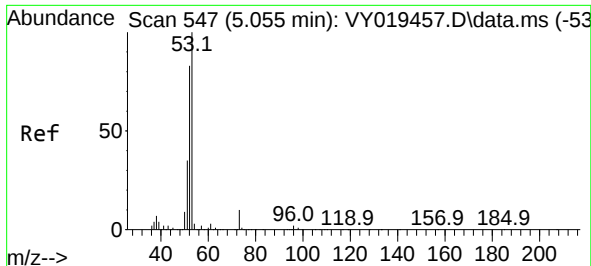
Ion Ratio Lower Upper

41 100

39 71.8 58.3 87.5

76 37.7 39.0 58.6#

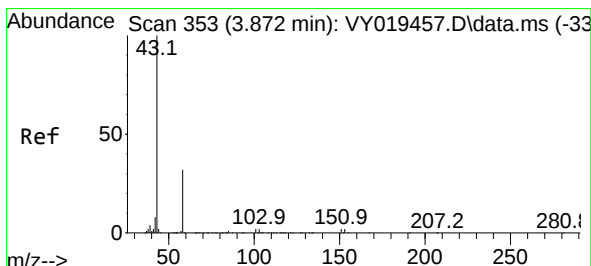
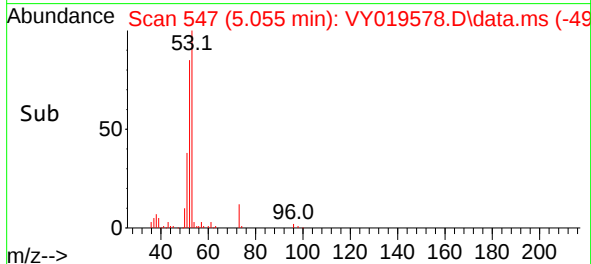
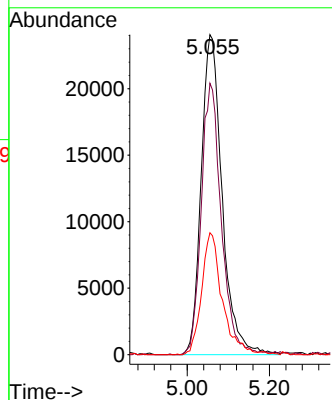
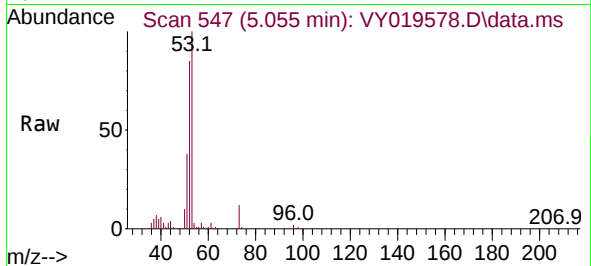




#15
Acrylonitrile
Concen: 104.410 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

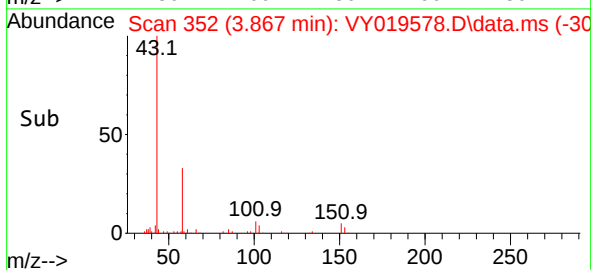
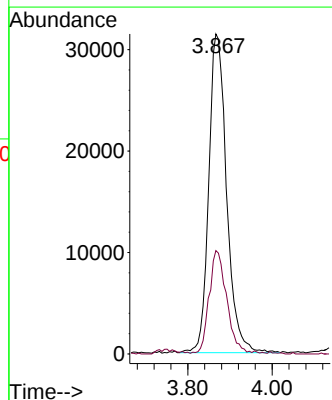
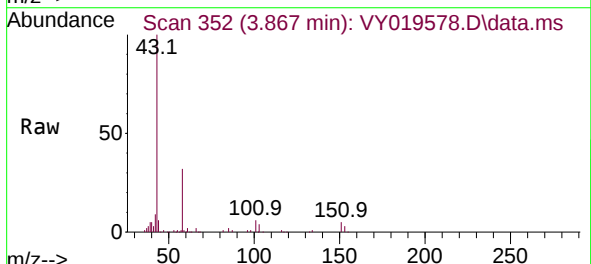
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 84963
Ion Ratio Lower Upper
53 100
52 81.5 64.7 97.1
51 37.2 28.4 42.6



#16
Acetone
Concen: 111.194 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

Tgt Ion: 43 Resp: 92476
Ion Ratio Lower Upper
43 100
58 32.1 31.7 47.5

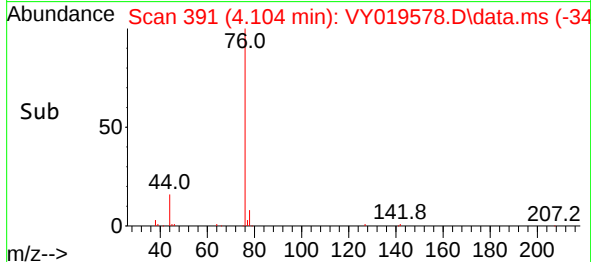
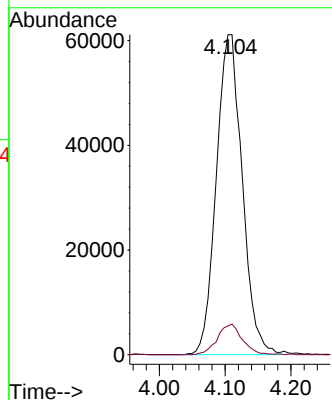
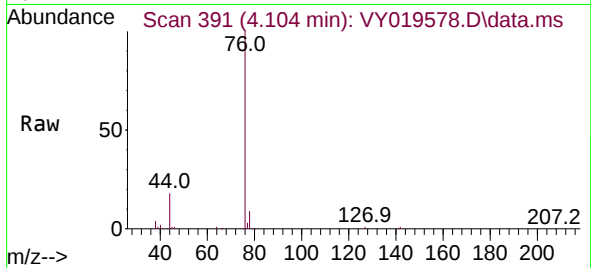




#17
Carbon Disulfide
Concen: 18.557 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

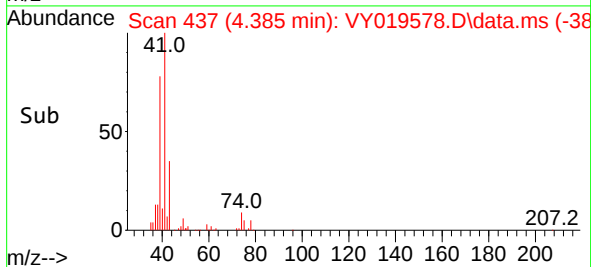
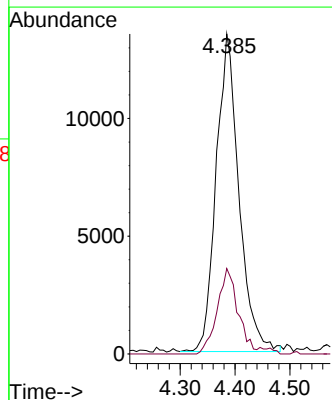
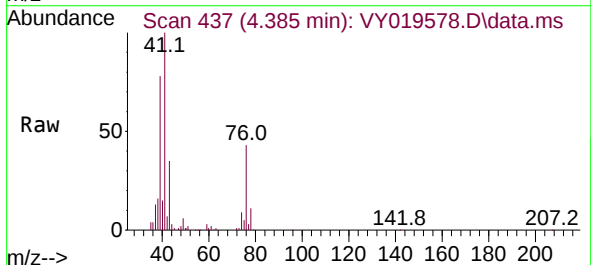
Instrument :
MSVOA_Y
ClientSampleId :

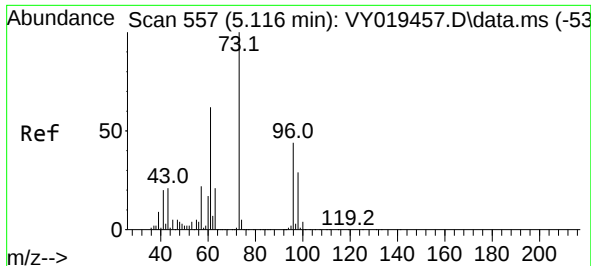
Tgt Ion: 76 Resp: 167701
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 17.277 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

Tgt Ion: 43 Resp: 38994
Ion Ratio Lower Upper
43 100
74 24.4 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 20.784 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

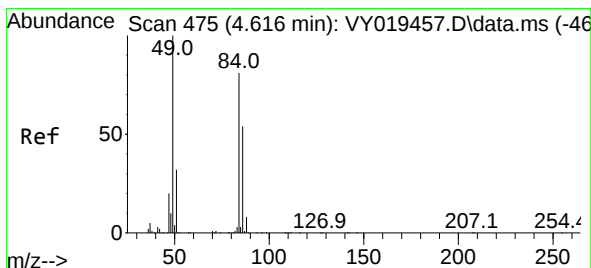
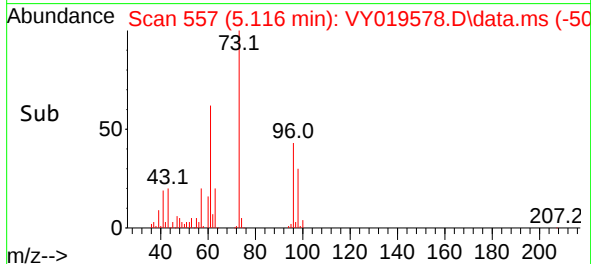
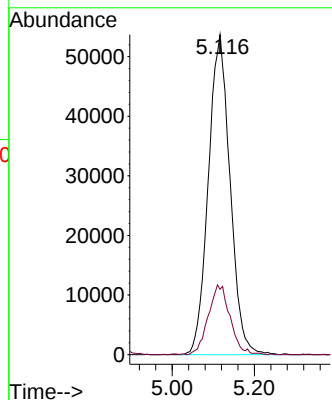
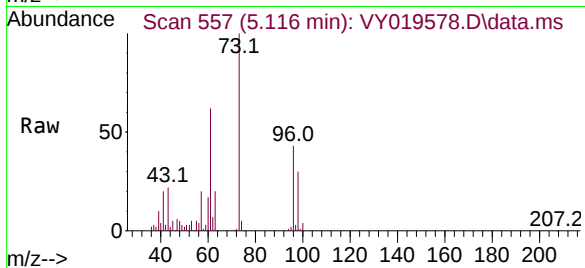
ClientSampleId :

Tgt Ion: 73 Resp: 196896

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 21.311 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Tgt Ion: 84 Resp: 80828

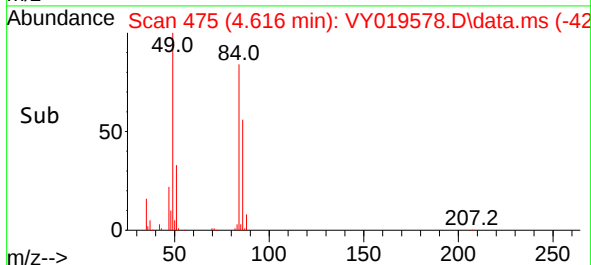
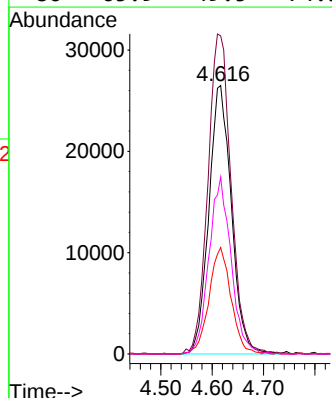
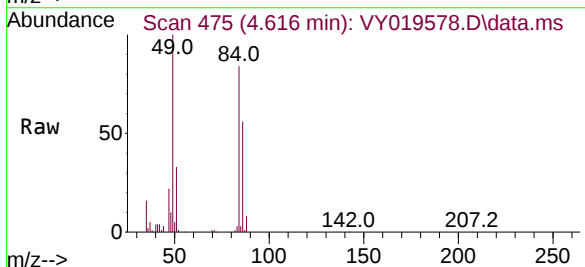
Ion Ratio Lower Upper

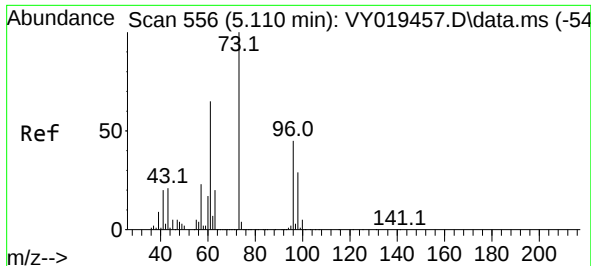
84 100

49 118.5 84.4 126.6

51 39.6 26.0 39.0#

86 65.9 49.5 74.3

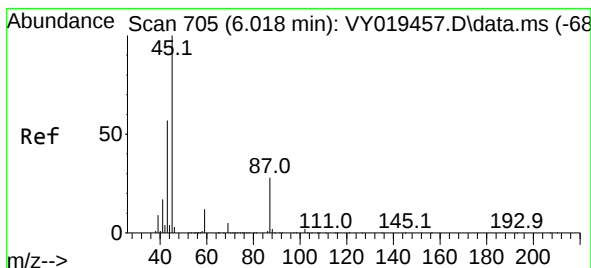
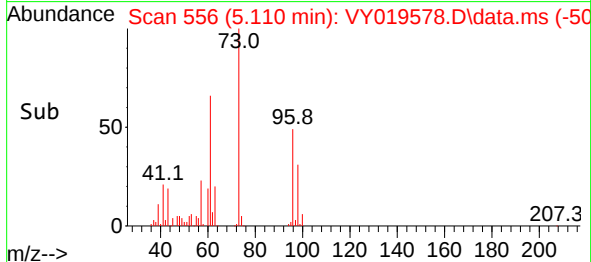
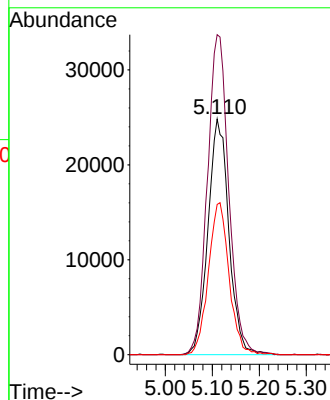
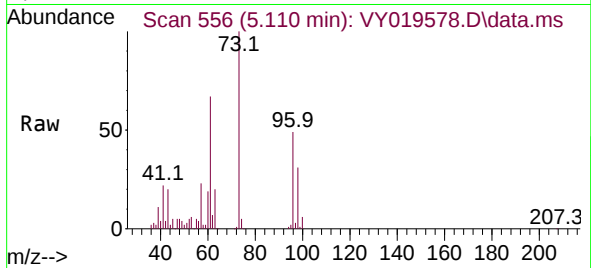




#21
trans-1,2-Dichloroethene
Concen: 20.879 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

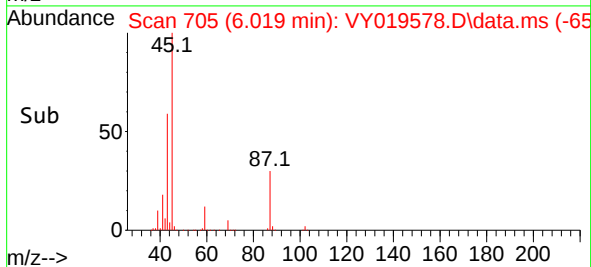
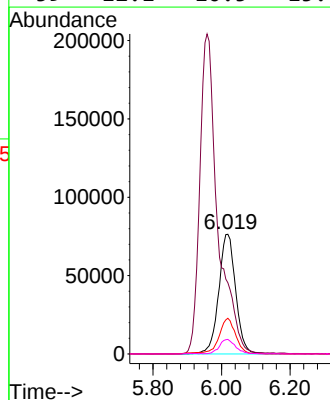
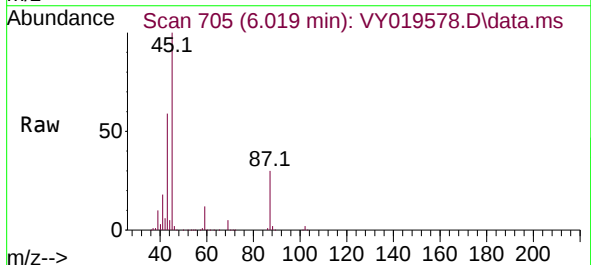
Instrument :
MSVOA_Y
ClientSampleId :

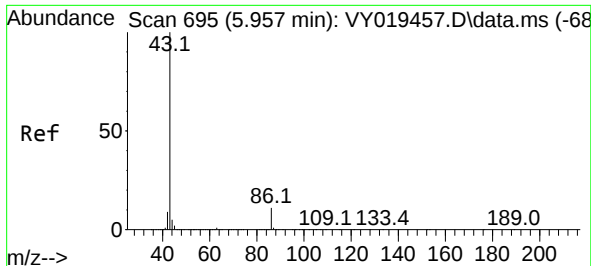
Tgt Ion: 96 Resp: 76548
Ion Ratio Lower Upper
96 100
61 135.8 97.5 146.3
98 63.7 50.5 75.7



#22
Diisopropyl ether
Concen: 21.208 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

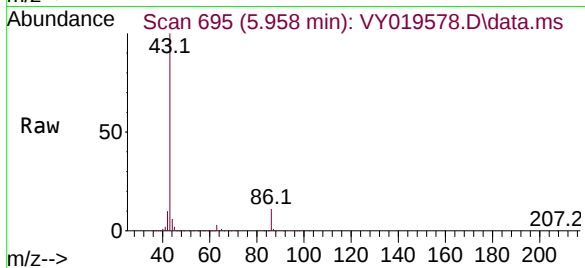
Tgt Ion: 45 Resp: 261232
Ion Ratio Lower Upper
45 100
43 59.4 42.2 63.2
87 29.7 25.0 37.6
59 12.1 10.5 15.7



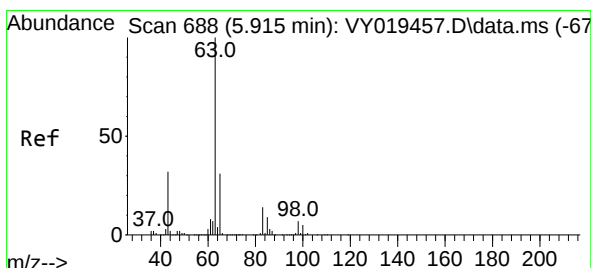
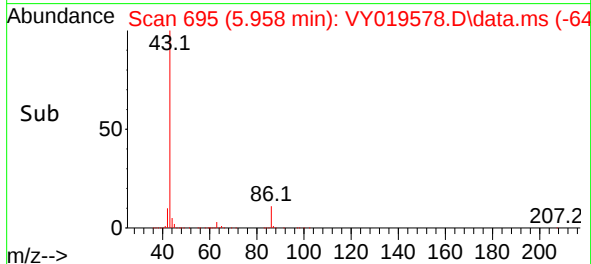
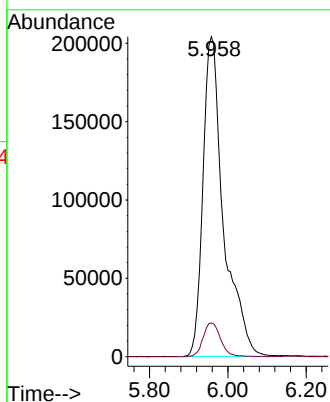


#23
 Vinyl Acetate
 Concen: 105.876 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VY019578.D
 Acq: 17 Sep 2024 12:16

Instrument :
 MSVOA_Y
 ClientSampleId :

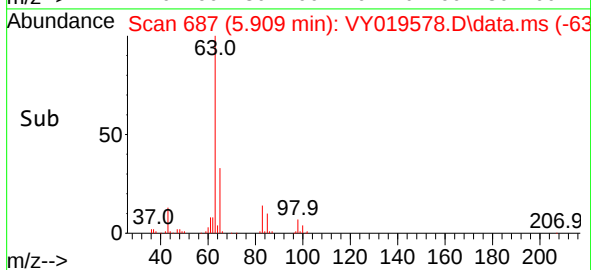
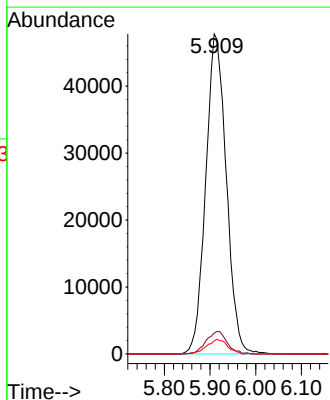
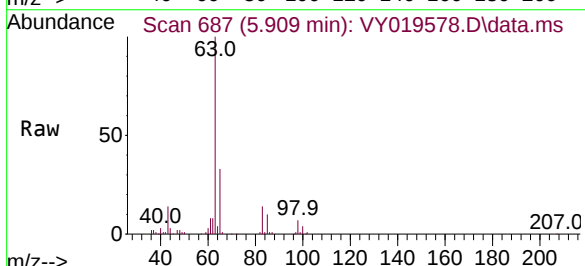


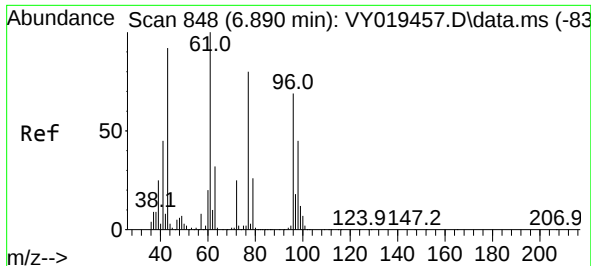
Tgt Ion: 43 Resp: 744907
 Ion Ratio Lower Upper
 43 100
 86 10.5 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.611 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019578.D
 Acq: 17 Sep 2024 12:16

Tgt Ion: 63 Resp: 149376
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.2
 100 4.1 2.6 8.0

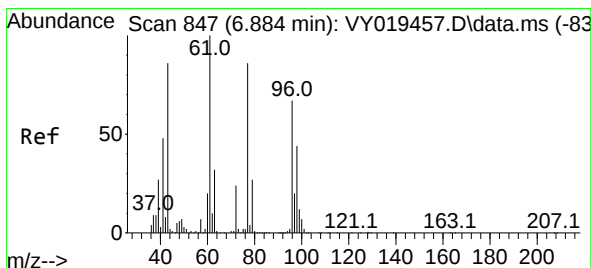
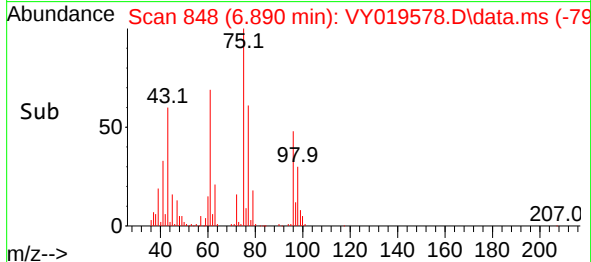
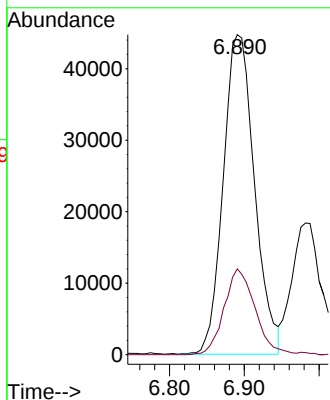
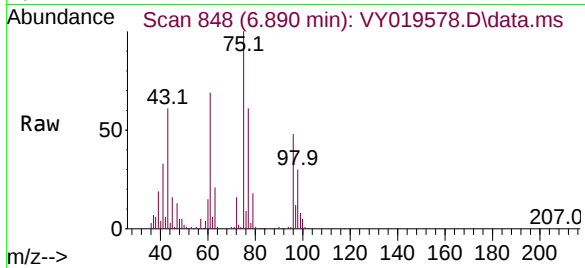




#25
2-Butanone
Concen: 110.067 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

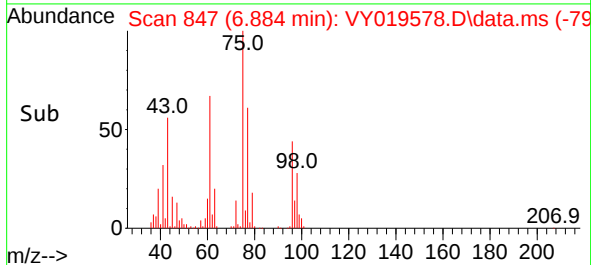
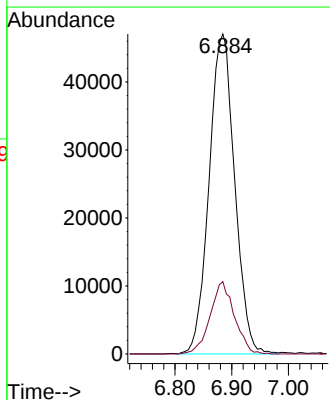
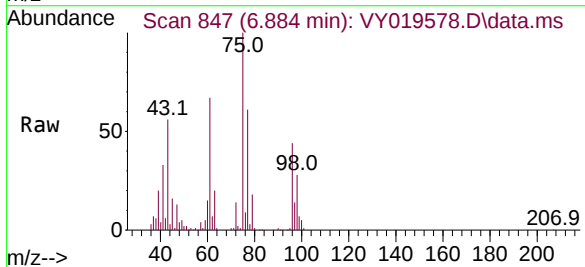
Instrument :
MSVOA_Y
ClientSampleId :

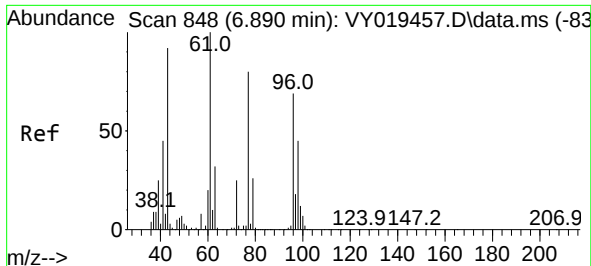
Tgt Ion: 43 Resp: 130191
Ion Ratio Lower Upper
43 100
72 26.8 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 23.666 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

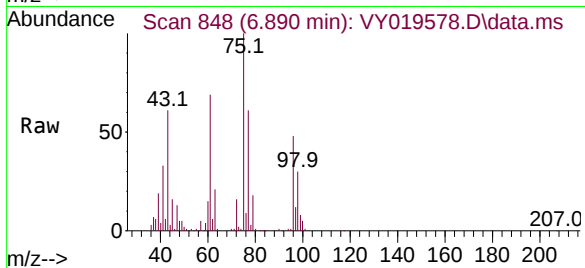
Tgt Ion: 77 Resp: 147554
Ion Ratio Lower Upper
77 100
97 21.5 12.0 36.1



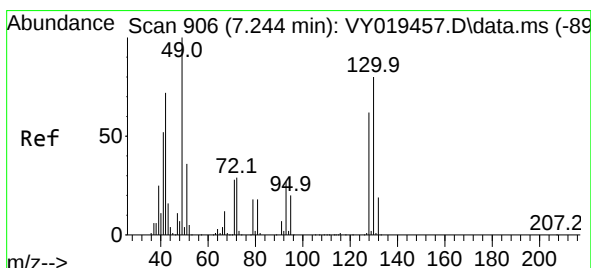
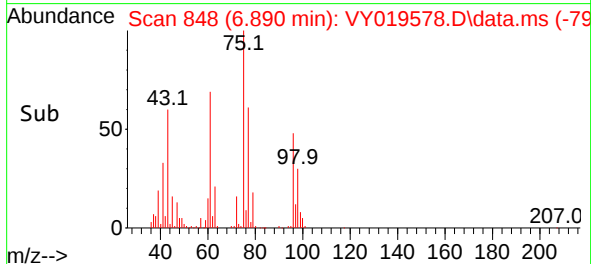
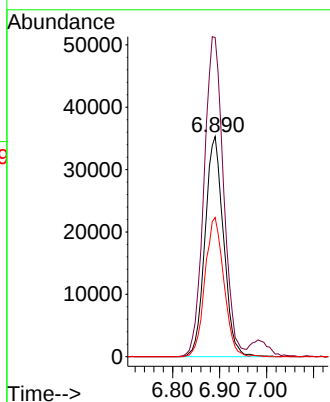


#27
 cis-1,2-Dichloroethene
 Concen: 21.660 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019578.D
 Acq: 17 Sep 2024 12:16

Instrument :
 MSVOA_Y
 ClientSampleId :

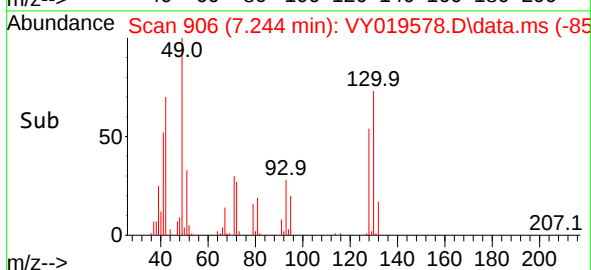
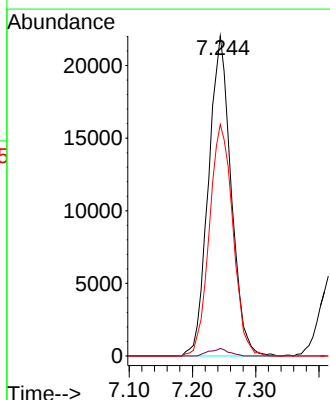
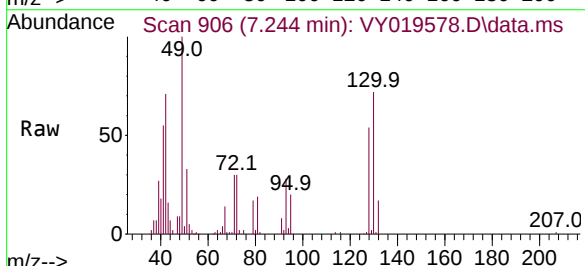


Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.6	0.0	256.2
98	64.4	0.0	130.0



#28
 Bromochloromethane
 Concen: 18.820 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019578.D
 Acq: 17 Sep 2024 12:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	75.1	72.7	109.1





#29

Tetrahydrofuran

Concen: 100.785 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

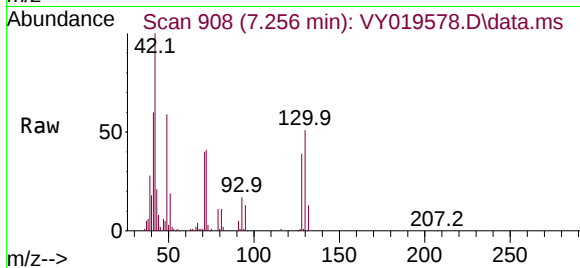
Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :



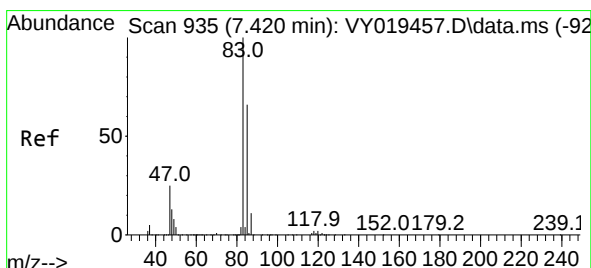
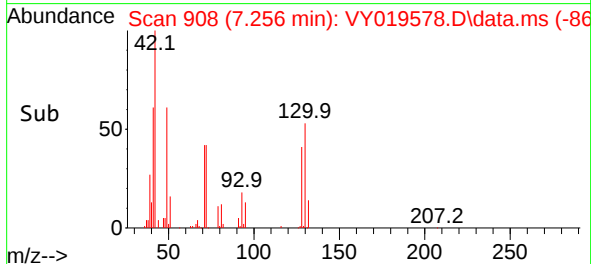
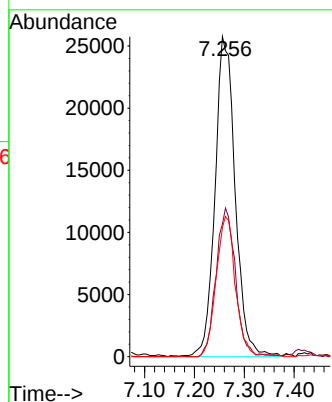
Tgt Ion: 42 Resp: 72483

Ion Ratio Lower Upper

42 100

72 44.2 43.0 64.4

71 42.1 40.8 61.2



#30

Chloroform

Concen: 22.388 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019578.D

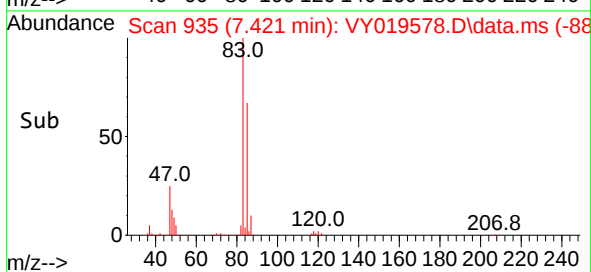
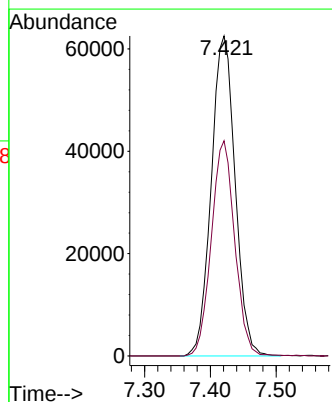
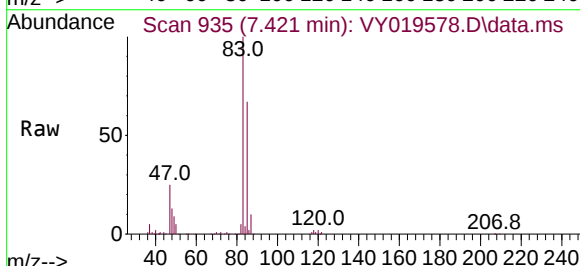
Acq: 17 Sep 2024 12:16

Tgt Ion: 83 Resp: 157970

Ion Ratio Lower Upper

83 100

85 67.3 52.2 78.4

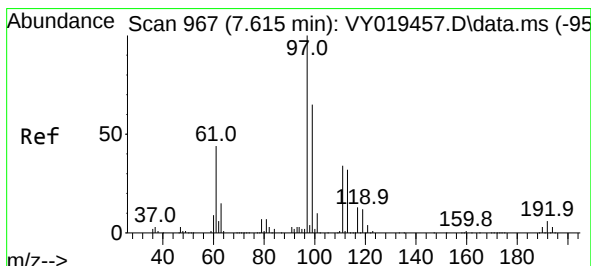
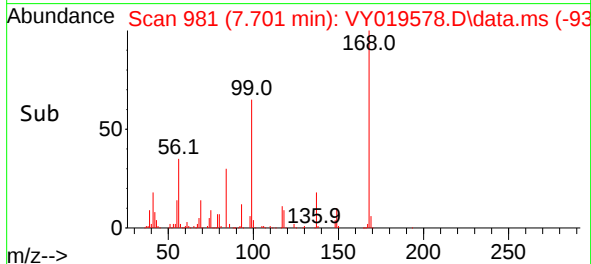
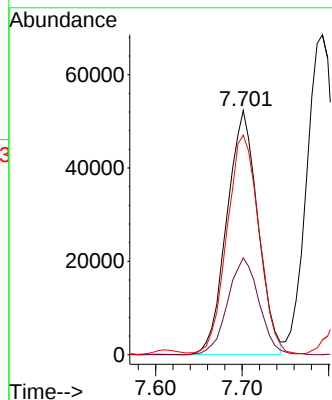
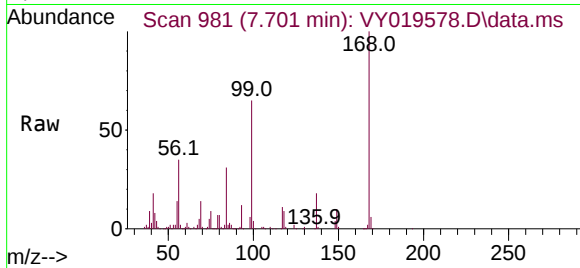




#31
Cyclohexane
Concen: 20.854 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

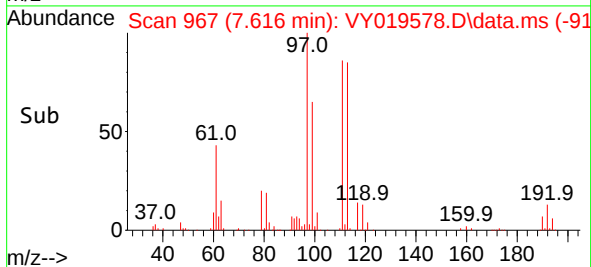
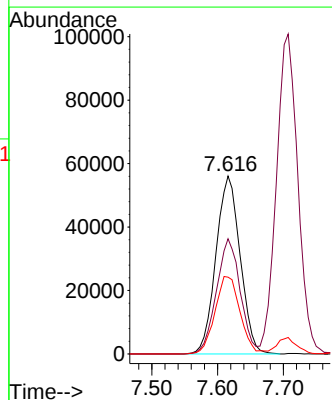
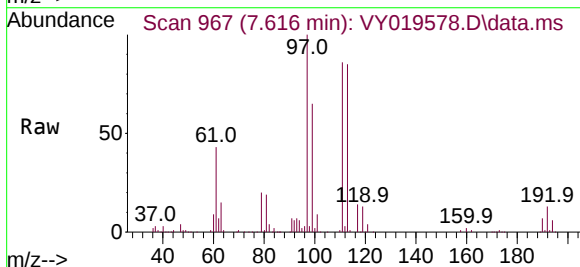
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 130287
Ion Ratio Lower Upper
56 100
69 39.7 28.7 43.1
84 88.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.723 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

Tgt Ion: 97 Resp: 143708
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 45.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 56.696 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

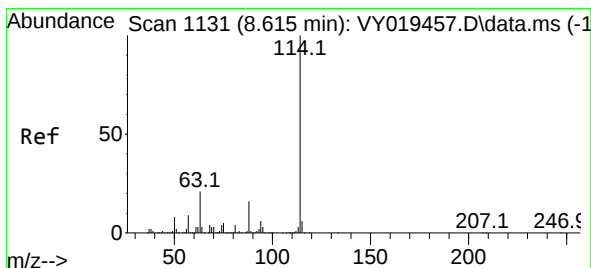
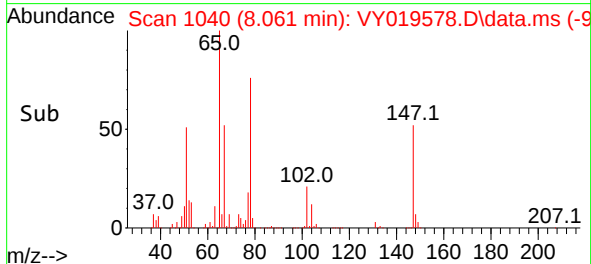
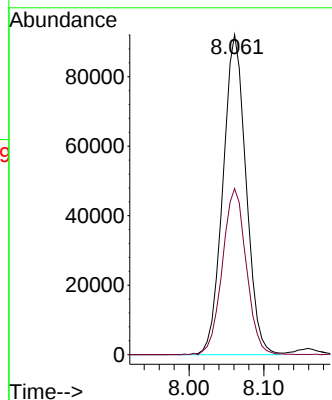
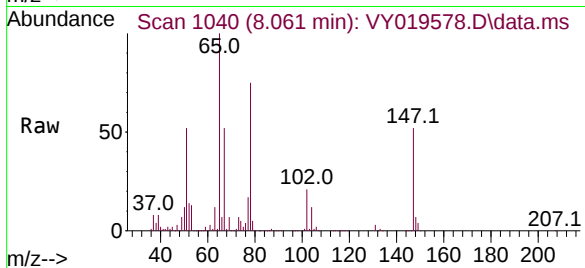
ClientSampleId :

Tgt Ion: 65 Resp: 197920

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

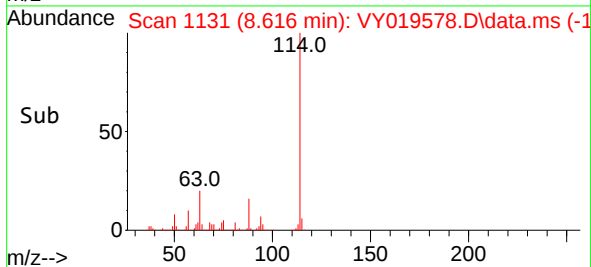
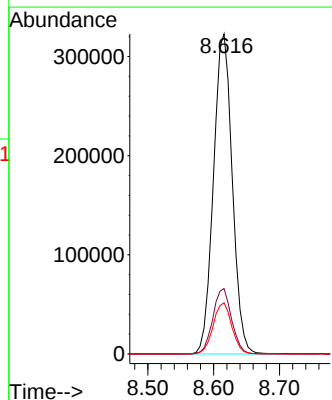
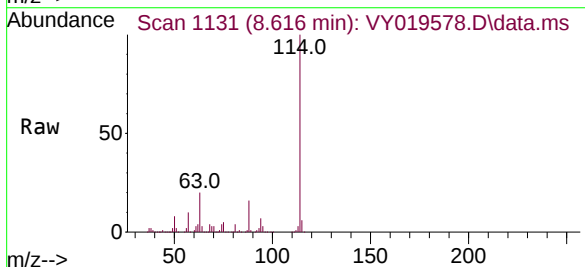
Tgt Ion: 114 Resp: 643031

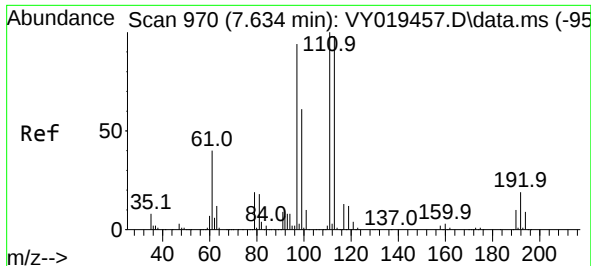
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

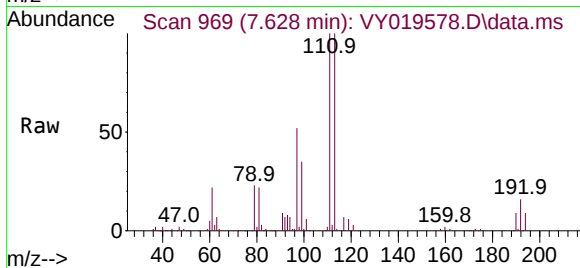
88 16.0 0.0 27.2



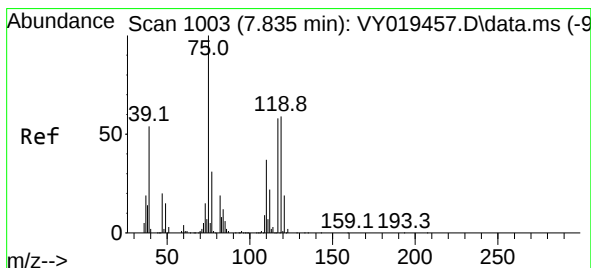
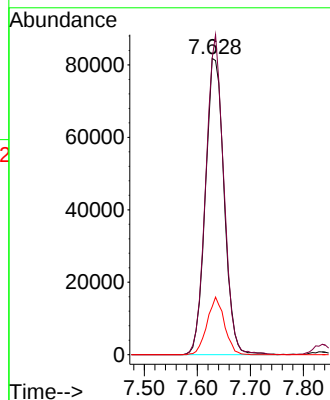
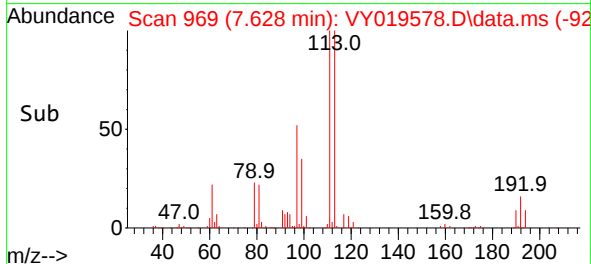


#35
 Dibromofluoromethane
 Concen: 55.007 ug/l
 RT: 7.628 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: VY019578.D
 Acq: 17 Sep 2024 12:16

Instrument :
 MSVOA_Y
 ClientSampleId :

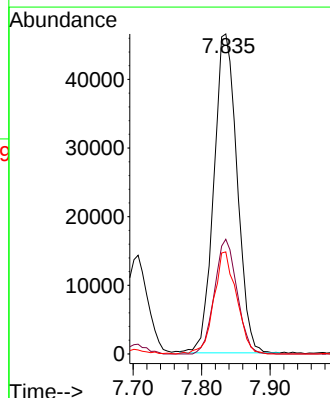
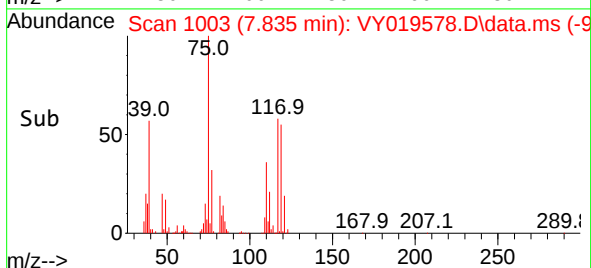
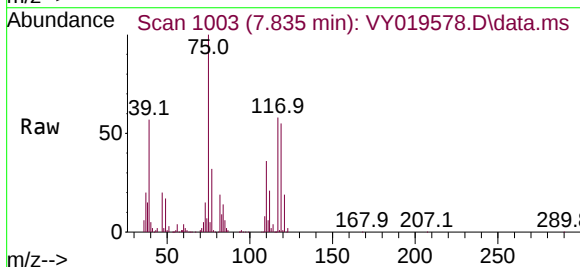


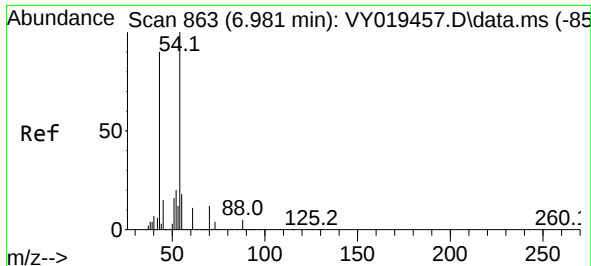
Tgt Ion:113 Resp: 200548
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 18.0 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 22.031 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY019578.D
 Acq: 17 Sep 2024 12:16

Tgt Ion: 75 Resp: 109296
 Ion Ratio Lower Upper
 75 100
 110 35.0 19.0 57.0
 77 31.5 25.3 37.9





#37

Ethyl Acetate

Concen: 20.202 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

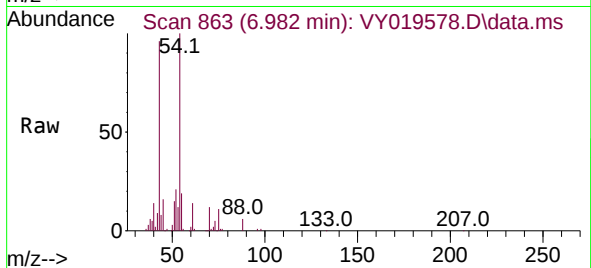
Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :



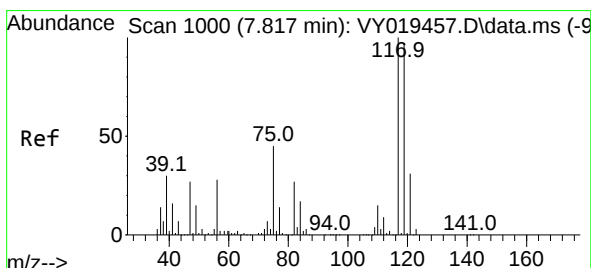
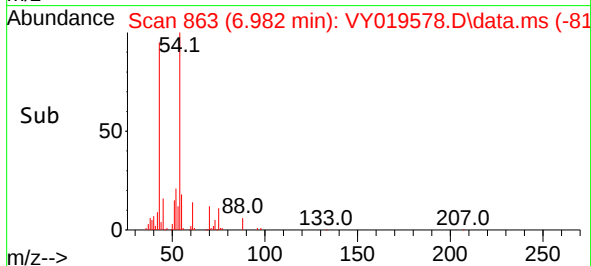
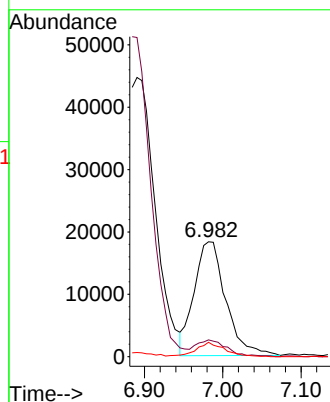
Tgt Ion: 43 Resp: 51351

Ion Ratio Lower Upper

43 100

61 14.2 12.6 19.0

70 11.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 22.651 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

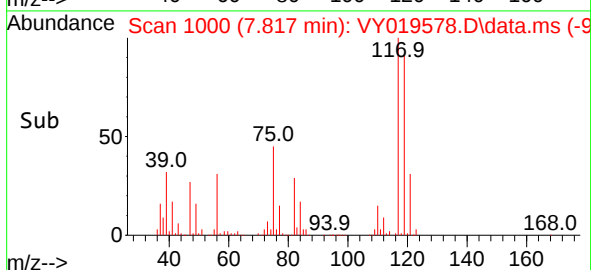
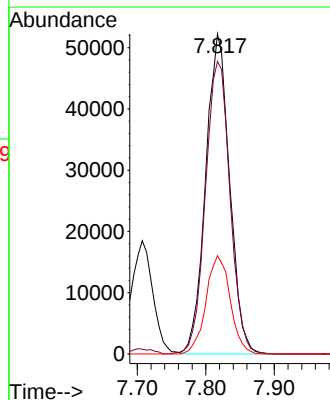
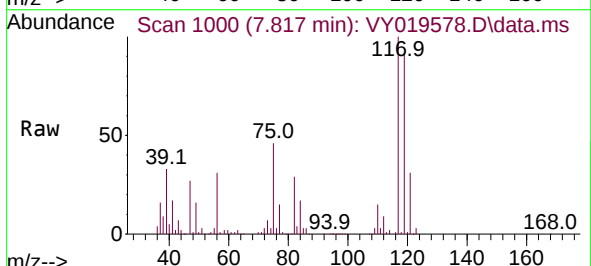
Tgt Ion: 117 Resp: 126720

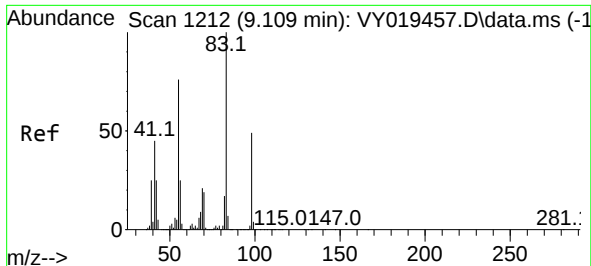
Ion Ratio Lower Upper

117 100

119 91.4 75.8 113.6

121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 21.147 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

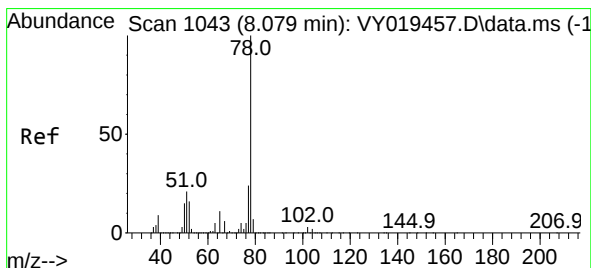
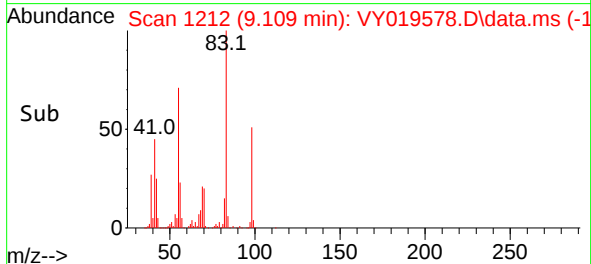
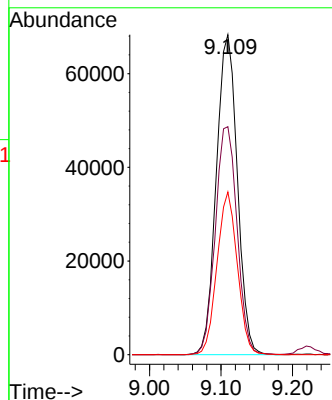
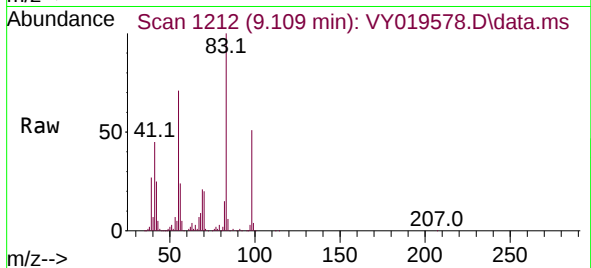
Tgt Ion: 83 Resp: 139612

Ion Ratio Lower Upper

83 100

55 71.2 51.5 77.3

98 50.8 40.5 60.7



#40

Benzene

Concen: 21.502 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019578.D

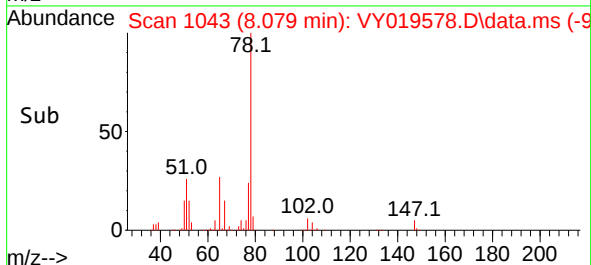
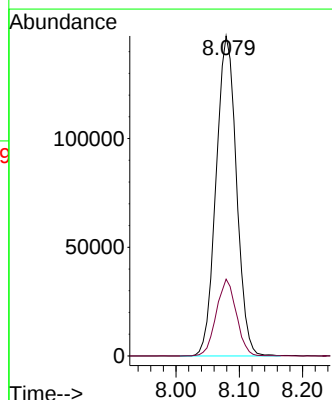
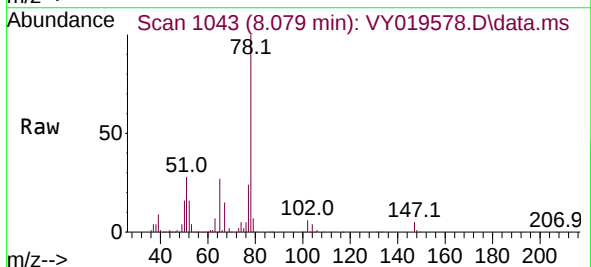
Acq: 17 Sep 2024 12:16

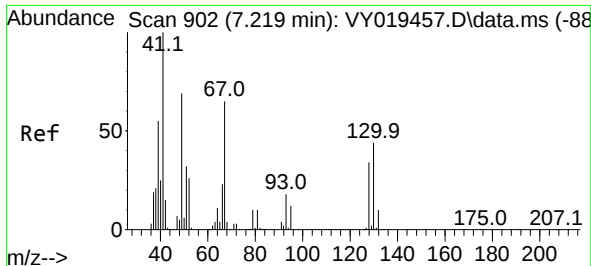
Tgt Ion: 78 Resp: 328546

Ion Ratio Lower Upper

78 100

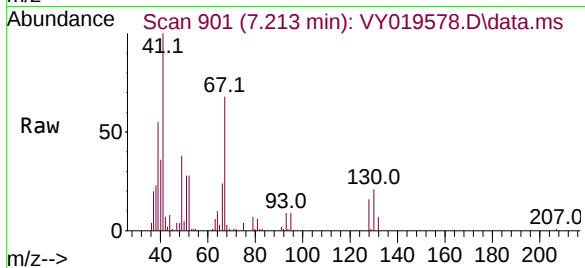
77 24.0 19.5 29.3



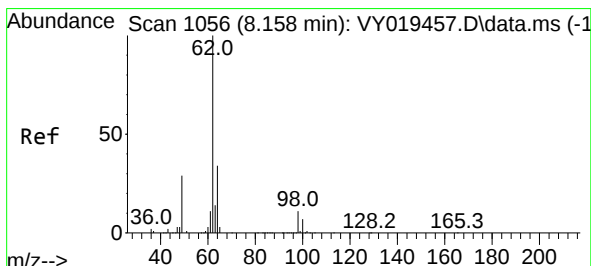
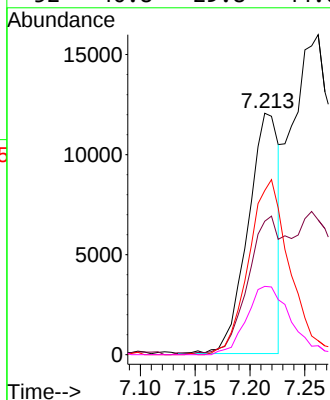
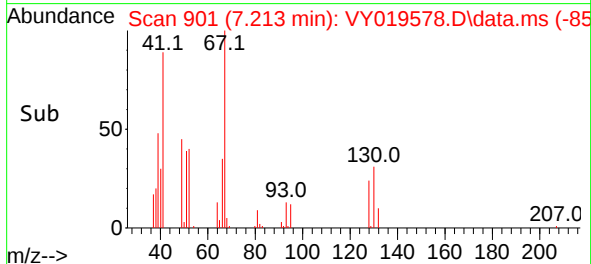


#41
Methacrylonitrile
Concen: 15.782 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :

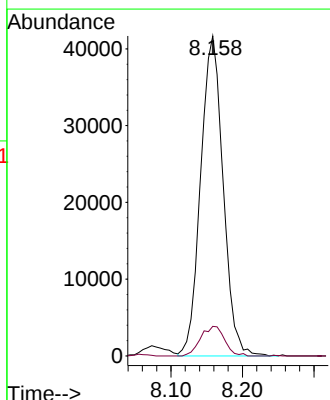
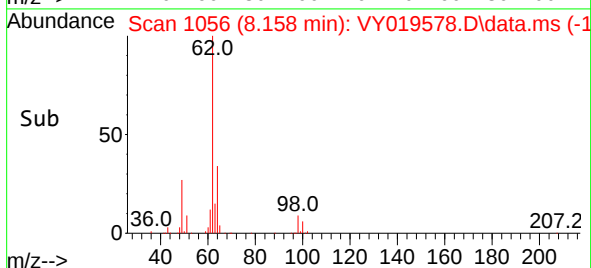
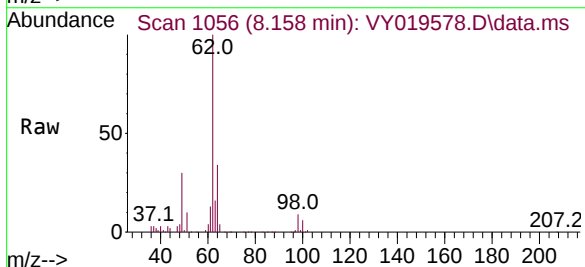


Tgt Ion: 41 Resp: 23384
Ion Ratio Lower Upper
41 100
39 76.4 48.0 72.0#
67 97.5 75.1 112.7
52 40.8 29.8 44.6



#42
1,2-Dichloroethane
Concen: 22.137 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

Tgt Ion: 62 Resp: 91021
Ion Ratio Lower Upper
62 100
98 9.9 0.0 22.0





#43

Isopropyl Acetate

Concen: 20.069 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.007 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

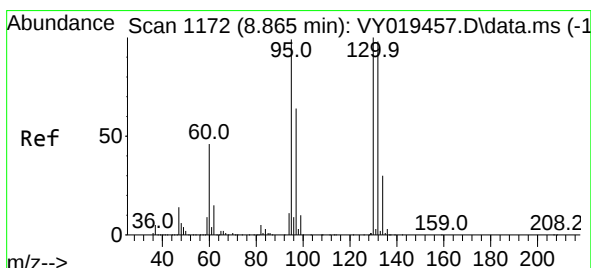
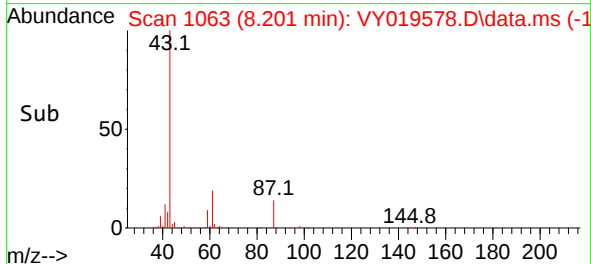
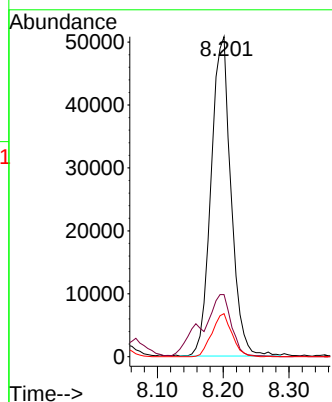
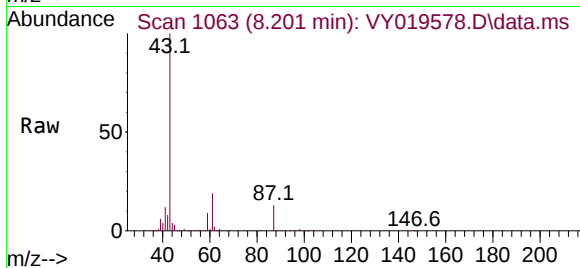
Tgt Ion: 43 Resp: 107176

Ion Ratio Lower Upper

43 100

61 20.3 27.9 41.9#

87 13.6 13.1 19.7



#44

Trichloroethene

Concen: 21.086 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY019578.D

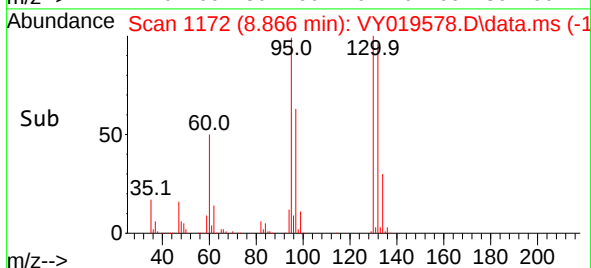
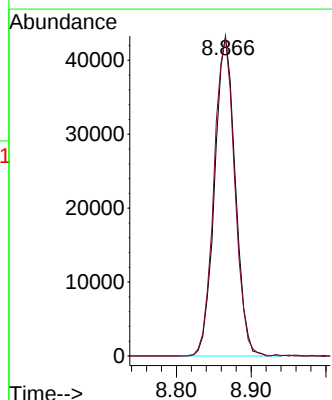
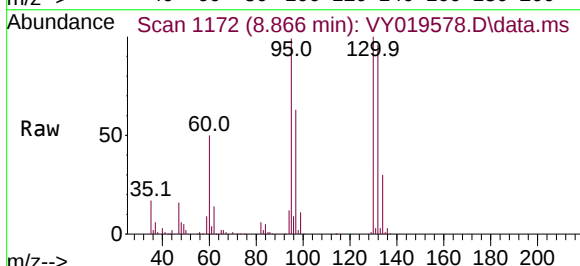
Acq: 17 Sep 2024 12:16

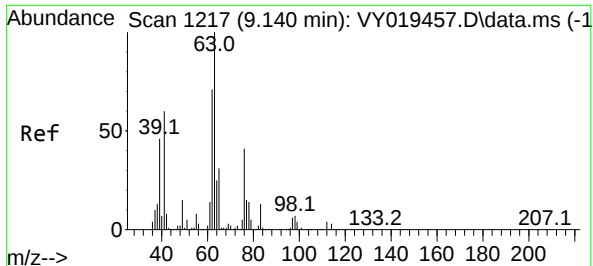
Tgt Ion:130 Resp: 82864

Ion Ratio Lower Upper

130 100

95 99.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.873 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

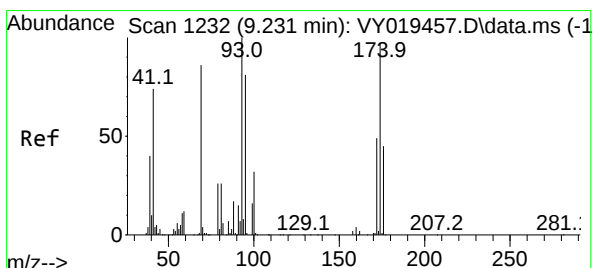
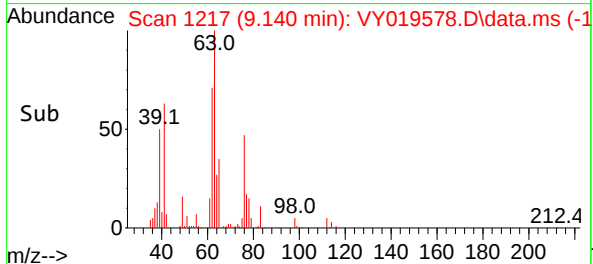
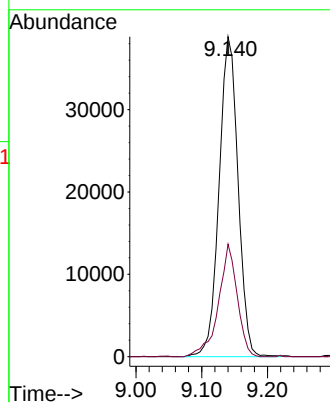
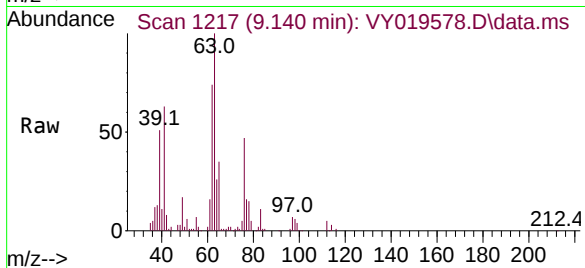
ClientSampleId :

Tgt Ion: 63 Resp: 77971

Ion Ratio Lower Upper

63 100

65 35.1 25.4 38.2



#46

Dibromomethane

Concen: 21.291 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

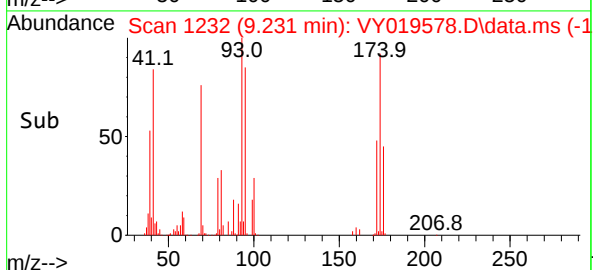
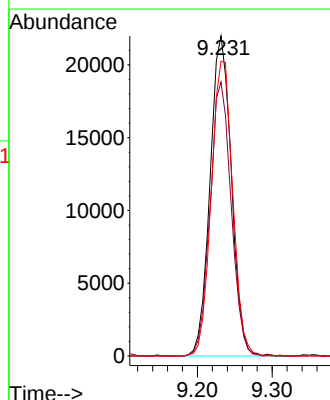
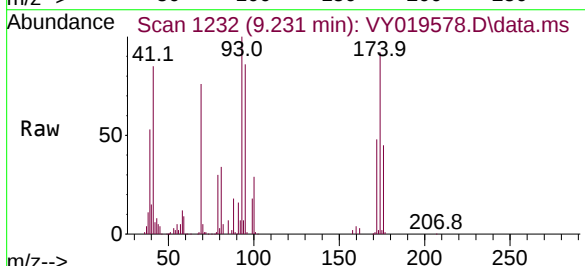
Tgt Ion: 93 Resp: 43494

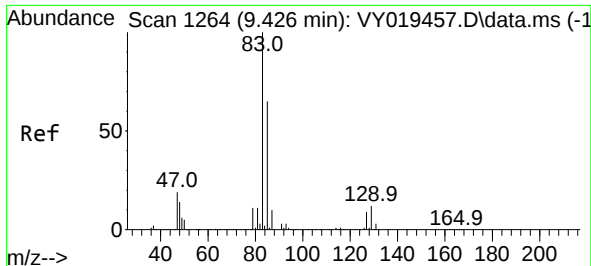
Ion Ratio Lower Upper

93 100

95 84.9 66.2 99.4

174 92.9 80.9 121.3





#47

Bromodichloromethane

Concen: 21.567 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

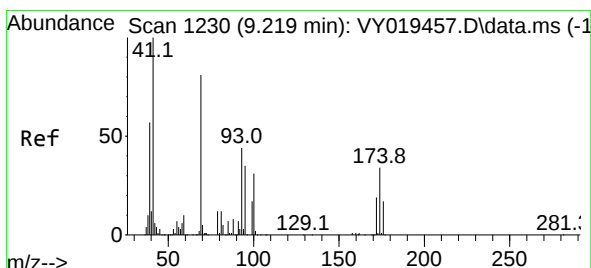
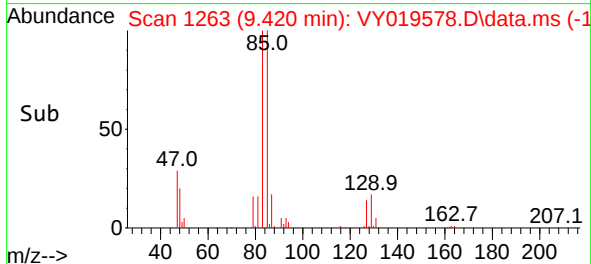
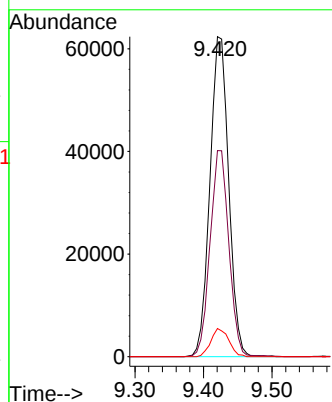
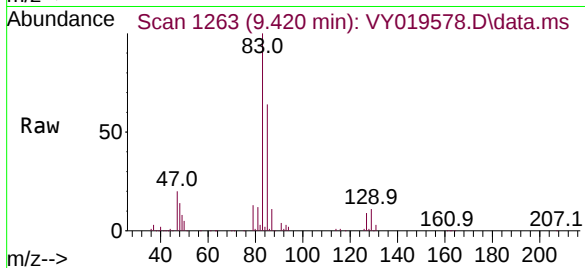
Tgt Ion: 83 Resp: 118428

Ion Ratio Lower Upper

83 100

85 64.4 50.1 75.1

127 8.8 7.4 11.0



#48

Methyl methacrylate

Concen: 18.956 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

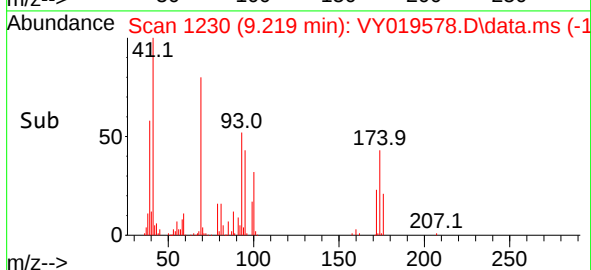
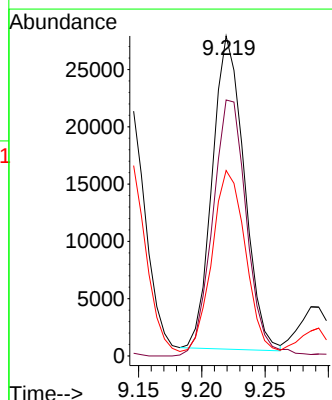
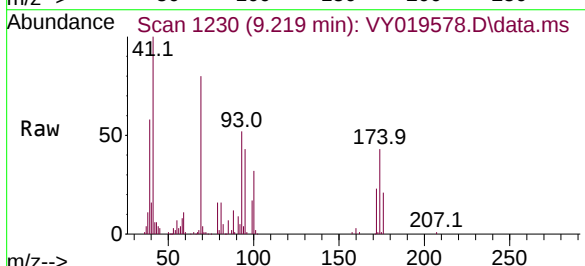
Tgt Ion: 41 Resp: 47805

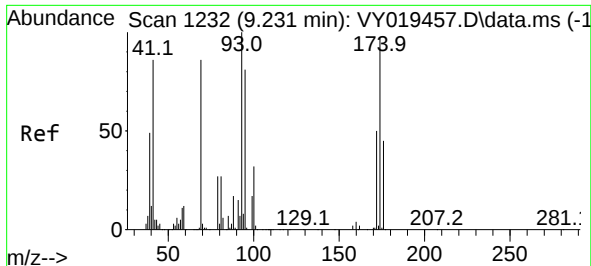
Ion Ratio Lower Upper

41 100

69 87.9 84.1 126.1

39 60.5 43.6 65.4





#49

1,4-Dioxane

Concen: 437.285 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

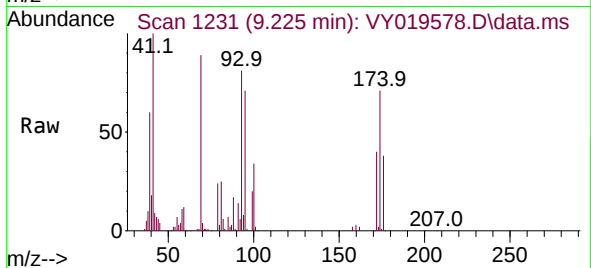
Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :



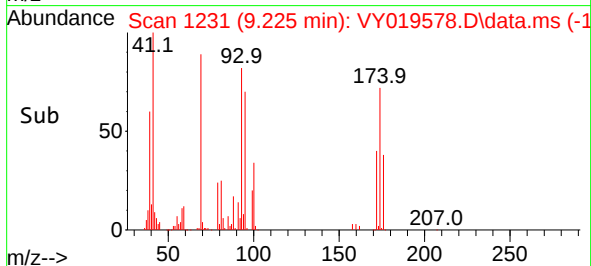
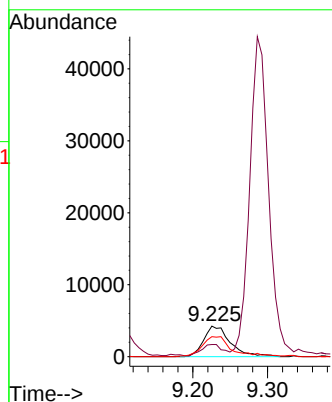
Tgt Ion: 88 Resp: 10516

Ion Ratio Lower Upper

88 100

43 30.6 0.0 0.0#

58 73.3 49.3 73.9



#50

Toluene-d8

Concen: 55.700 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019578.D

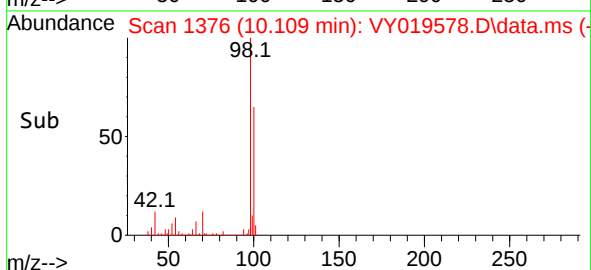
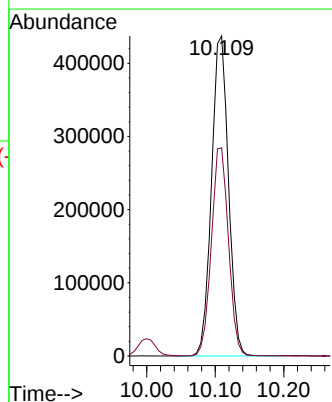
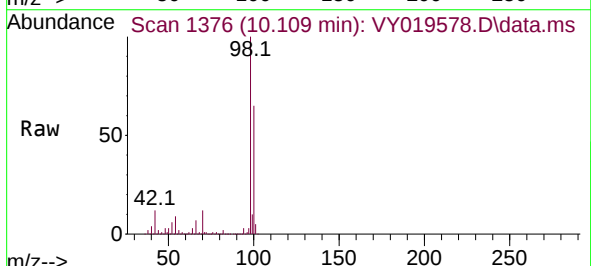
Acq: 17 Sep 2024 12:16

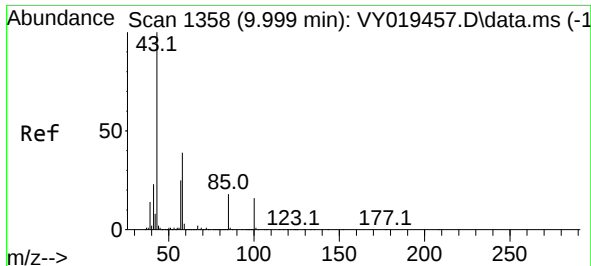
Tgt Ion: 98 Resp: 751125

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 99.371 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

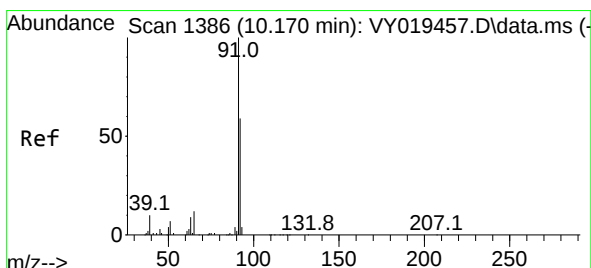
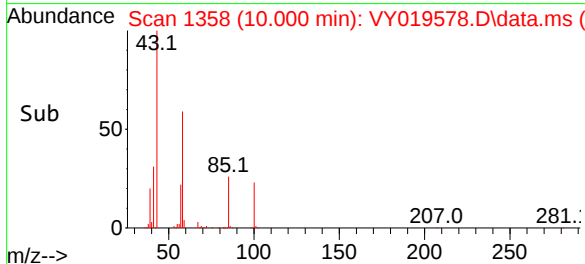
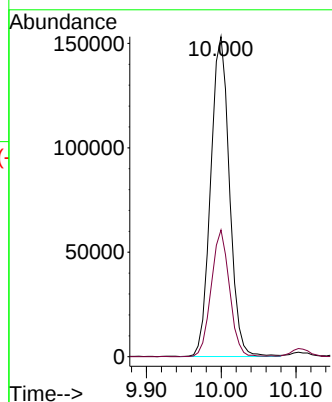
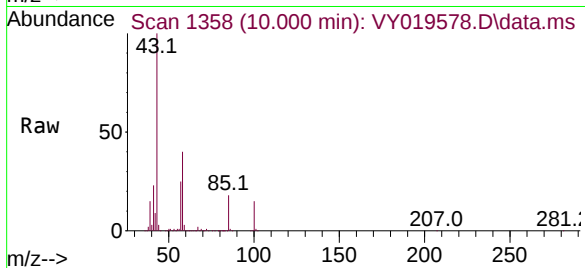
ClientSampleId :

Tgt Ion: 43 Resp: 266976

Ion Ratio Lower Upper

43 100

58 38.6 35.7 53.5



#52

Toluene

Concen: 21.611 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019578.D

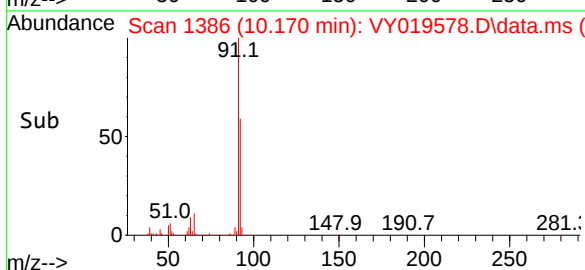
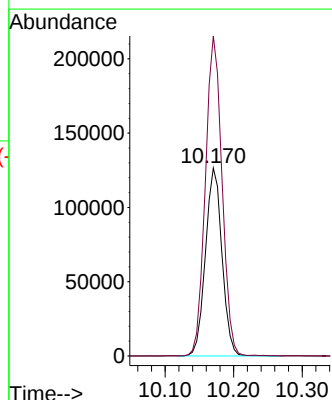
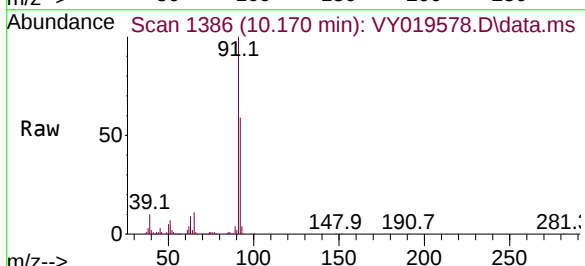
Acq: 17 Sep 2024 12:16

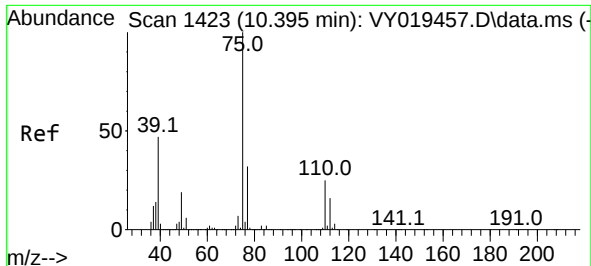
Tgt Ion: 92 Resp: 212380

Ion Ratio Lower Upper

92 100

91 171.4 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 20.752 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

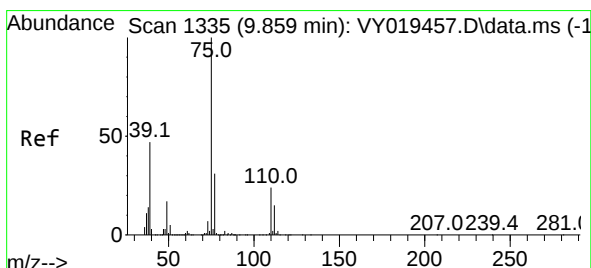
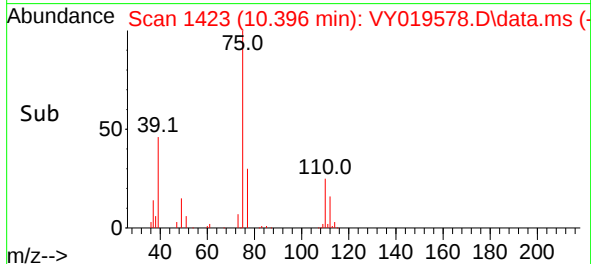
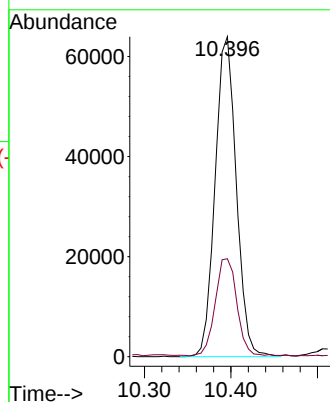
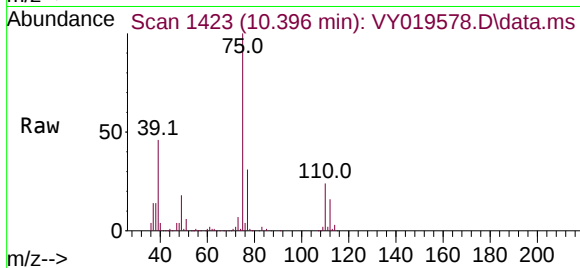
ClientSampleId :

Tgt Ion: 75 Resp: 108629

Ion Ratio Lower Upper

75 100

77 30.2 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 20.648 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

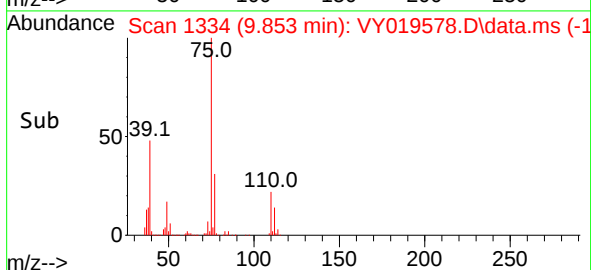
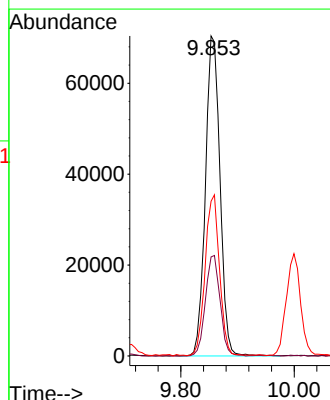
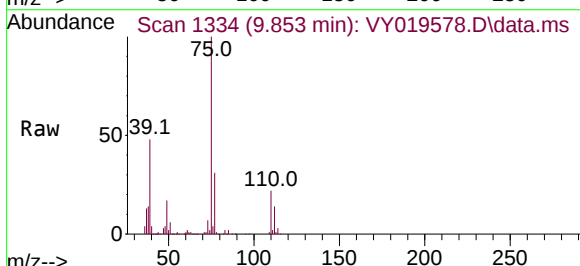
Tgt Ion: 75 Resp: 125854

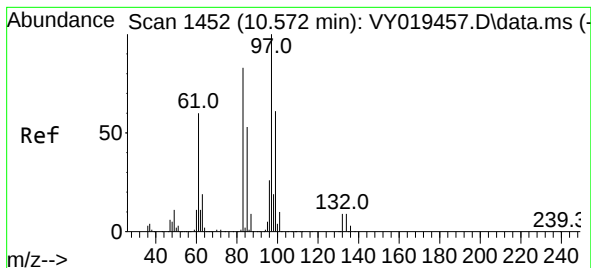
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 48.2 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 21.435 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

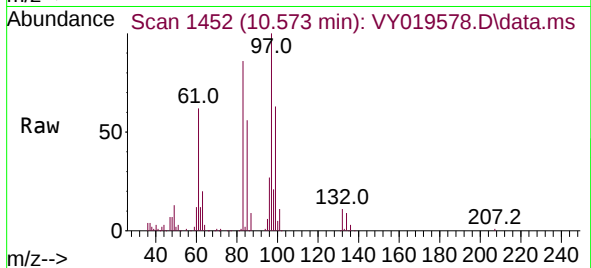
Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 60469

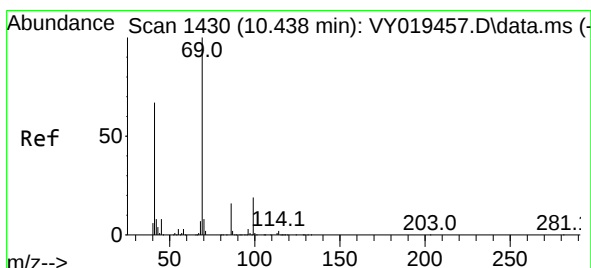
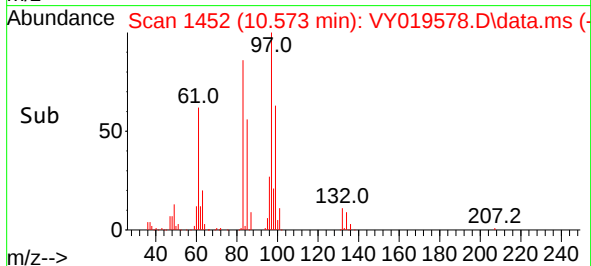
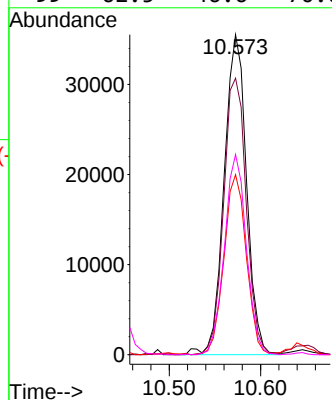
Ion Ratio Lower Upper

97 100

83 86.4 67.5 101.3

85 56.0 42.9 64.3

99 62.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.646 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

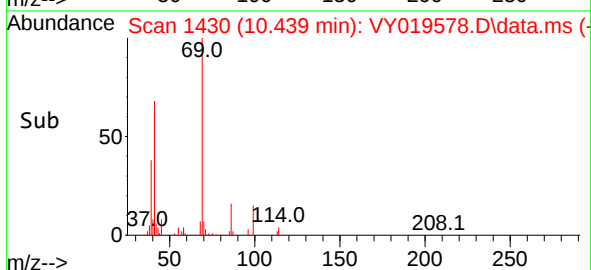
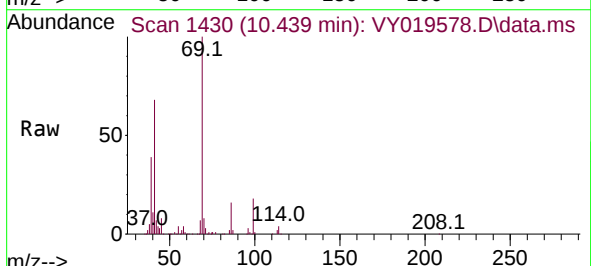
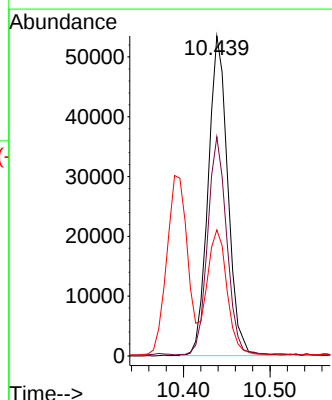
Tgt Ion: 69 Resp: 84189

Ion Ratio Lower Upper

69 100

41 66.2 42.3 63.5#

39 40.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.461 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

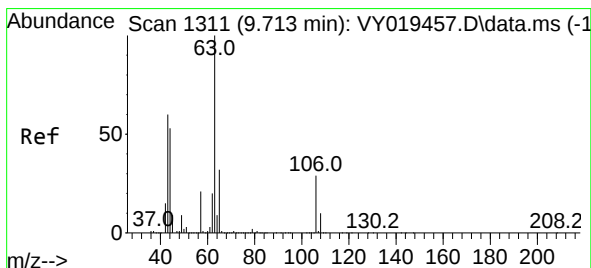
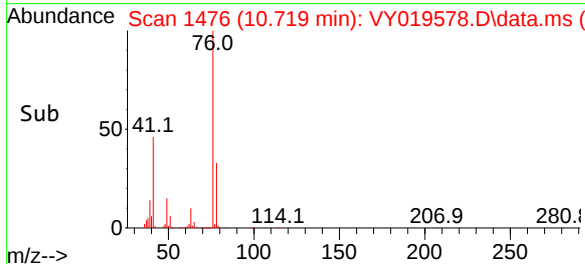
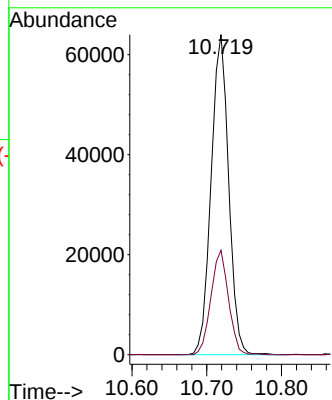
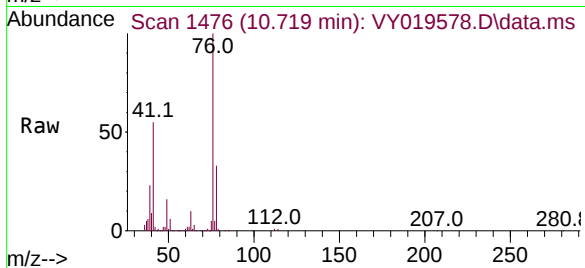
ClientSampleId :

Tgt Ion: 76 Resp: 104070

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.446 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019578.D

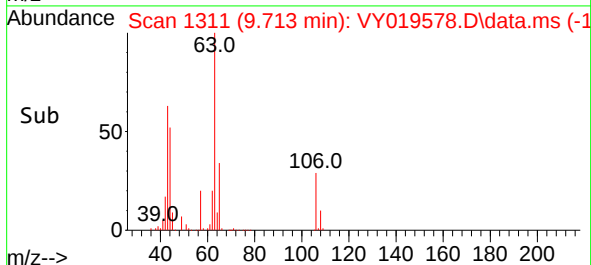
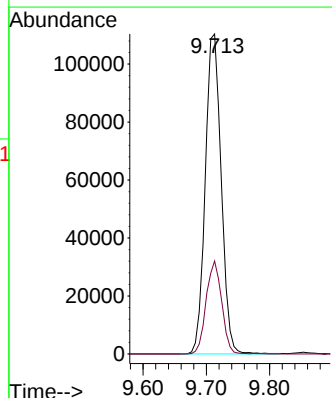
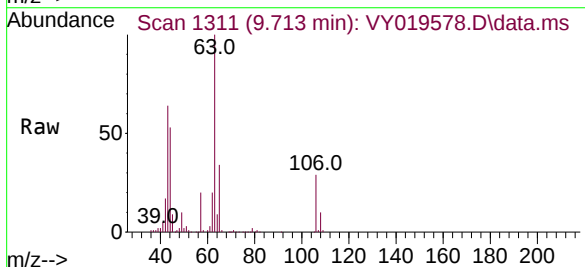
Acq: 17 Sep 2024 12:16

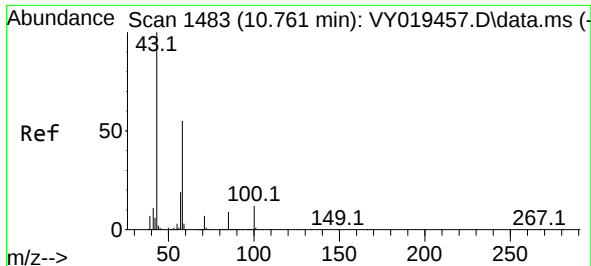
Tgt Ion: 63 Resp: 193815

Ion Ratio Lower Upper

63 100

106 28.3 23.7 35.5

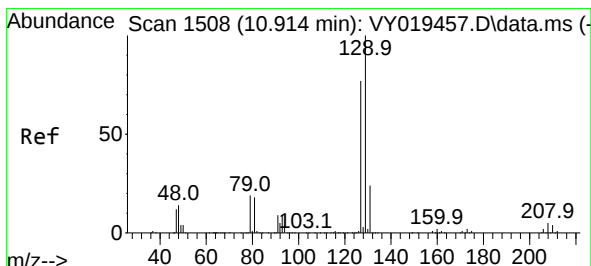
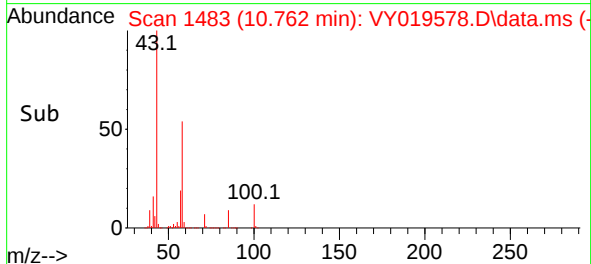
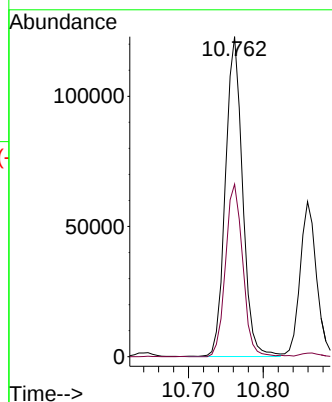
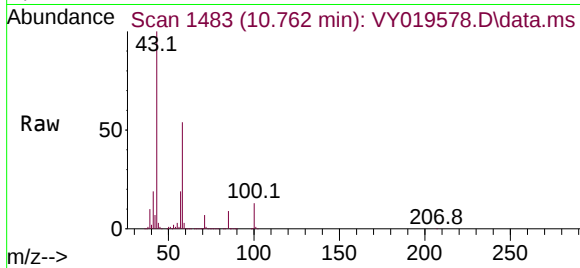




#59
2-Hexanone
Concen: 99.565 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

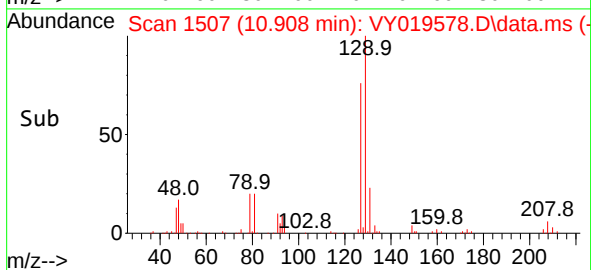
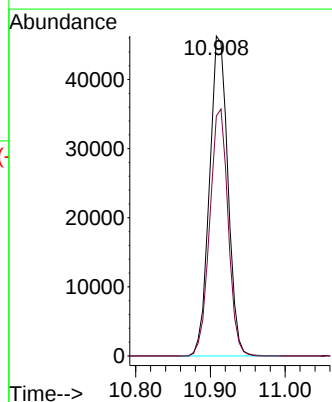
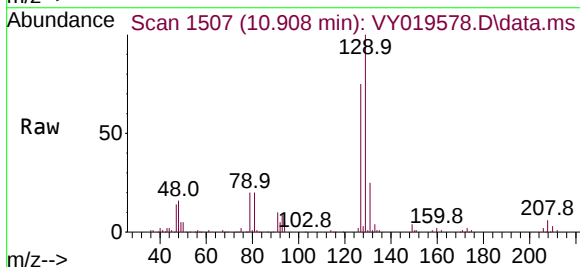
Instrument :
MSVOA_Y
ClientSampleId :

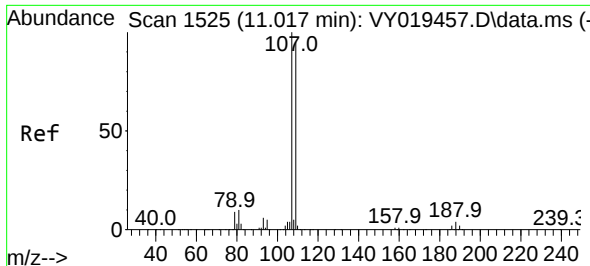
Tgt Ion: 43 Resp: 196111
Ion Ratio Lower Upper
43 100
58 54.3 31.4 94.0



#60
Dibromochloromethane
Concen: 21.213 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

Tgt Ion: 129 Resp: 79163
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

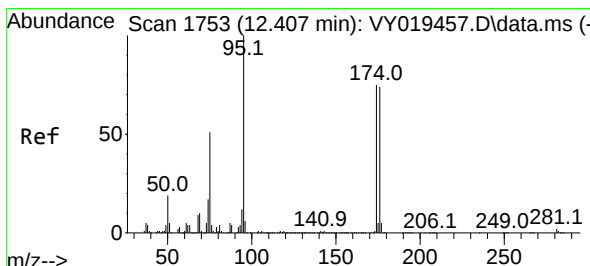
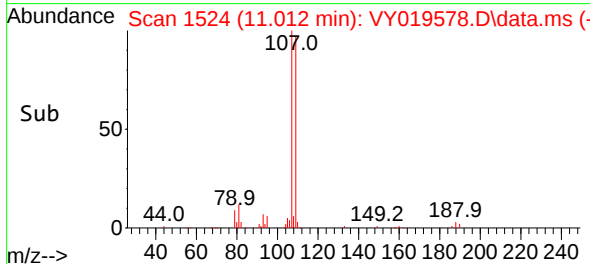
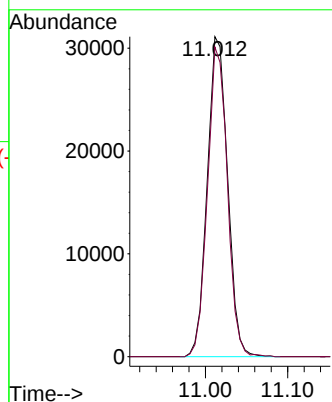
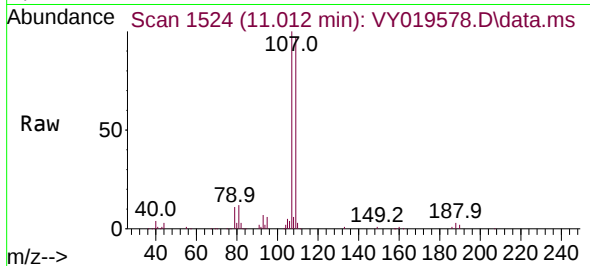




#61
1,2-Dibromoethane
Concen: 20.344 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

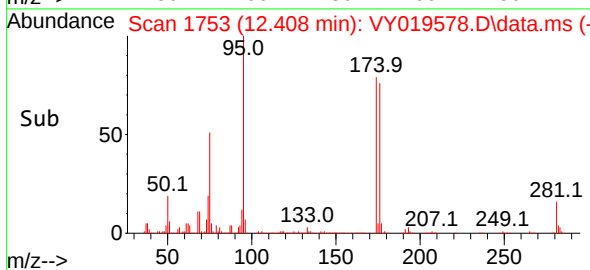
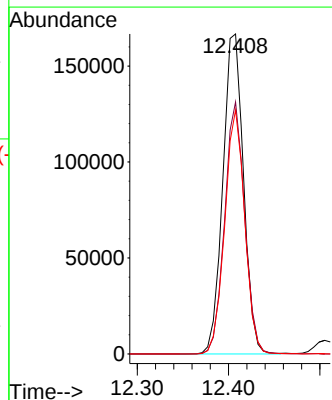
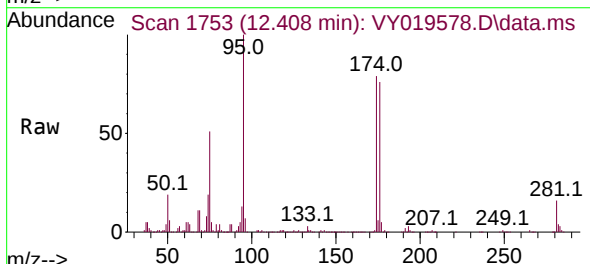
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 53474
Ion Ratio Lower Upper
107 100
109 94.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.566 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

Tgt Ion: 95 Resp: 262194
Ion Ratio Lower Upper
95 100
174 76.3 0.0 175.6
176 73.7 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: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

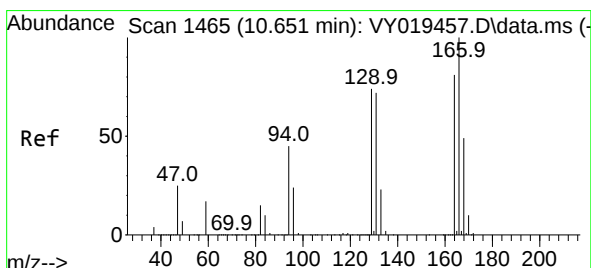
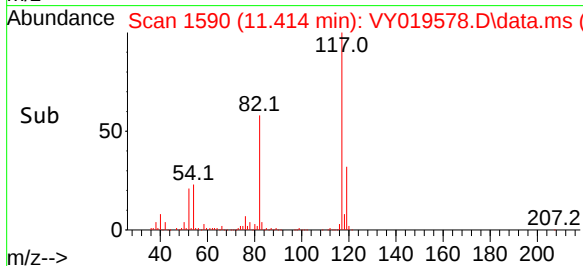
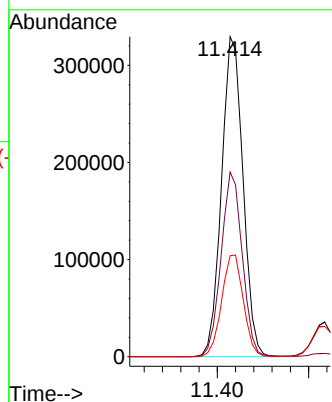
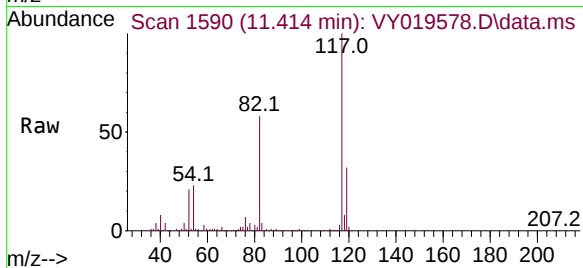
Tgt Ion:117 Resp: 537322

Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 21.478 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Tgt Ion:164 Resp: 71466

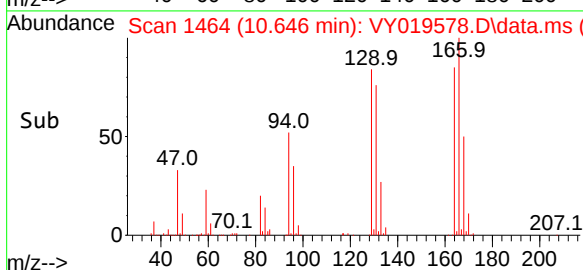
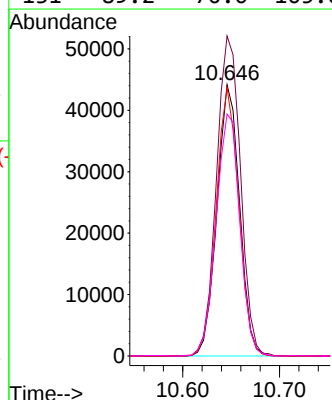
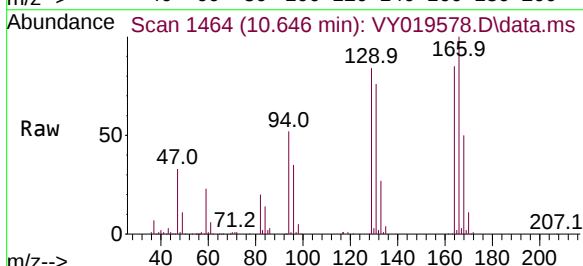
Ion Ratio Lower Upper

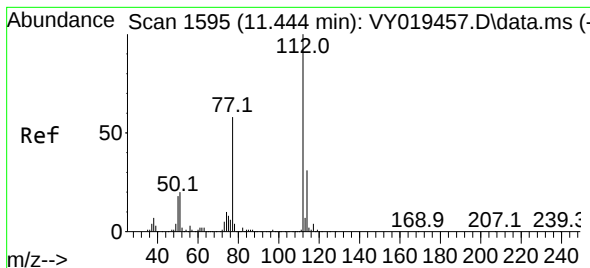
164 100

166 118.0 102.6 154.0

129 98.9 72.0 108.0

131 89.2 70.0 105.0





#65

Chlorobenzene

Concen: 21.994 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

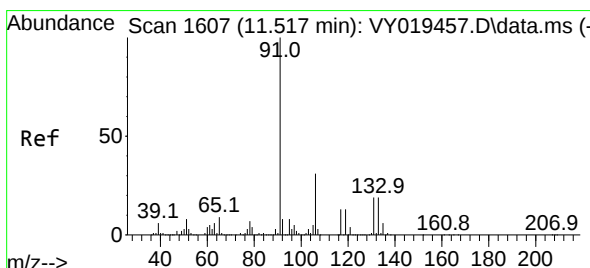
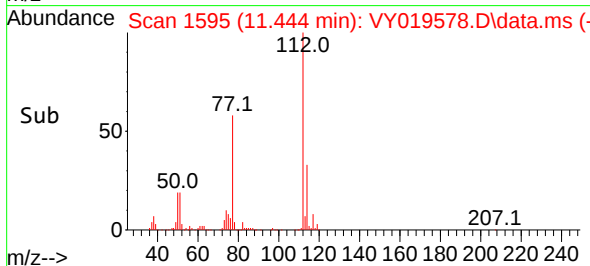
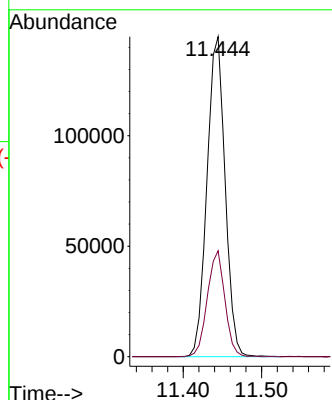
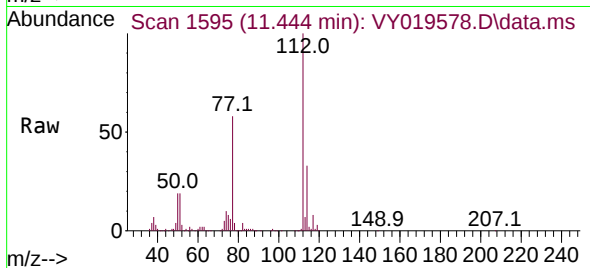
ClientSampleId :

Tgt Ion:112 Resp: 232460

Ion Ratio Lower Upper

112 100

114 33.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.879 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

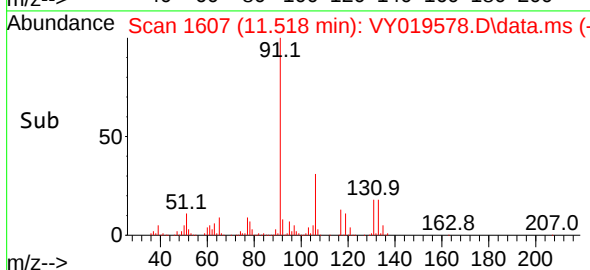
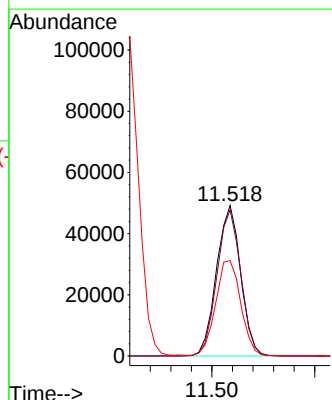
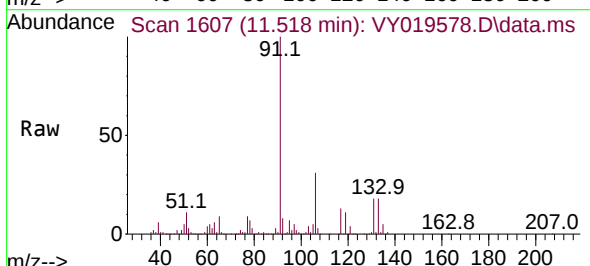
Tgt Ion:131 Resp: 80068

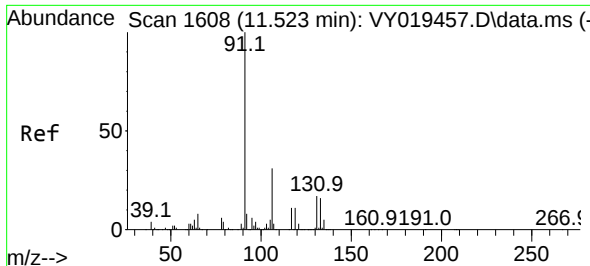
Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.3

119 66.2 34.1 102.2





#67

Ethyl Benzene

Concen: 22.398 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

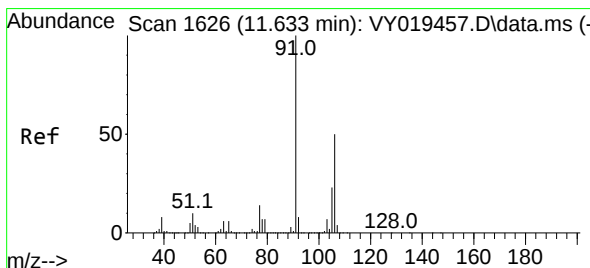
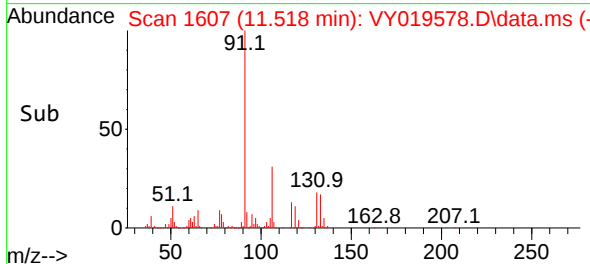
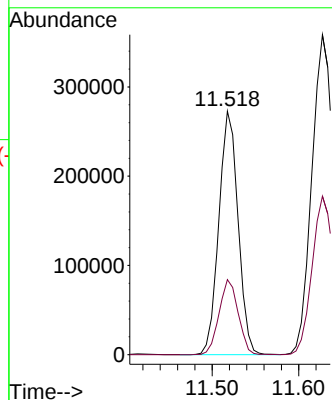
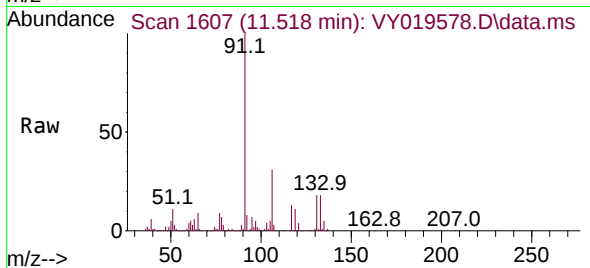
ClientSampleId :

Tgt Ion: 91 Resp: 420641

Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



#68

m/p-Xylenes

Concen: 44.325 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019578.D

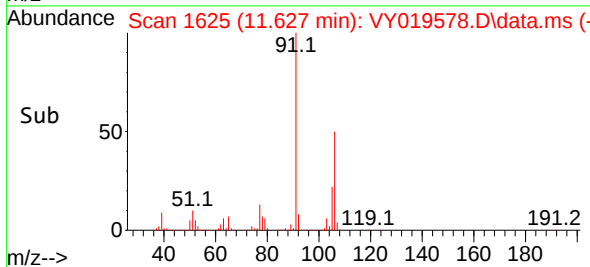
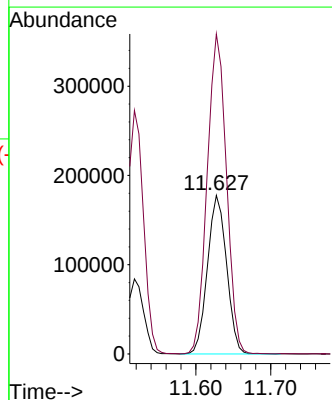
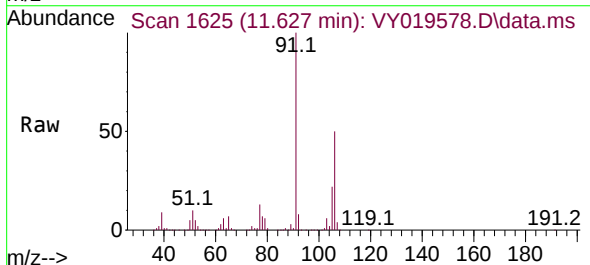
Acq: 17 Sep 2024 12:16

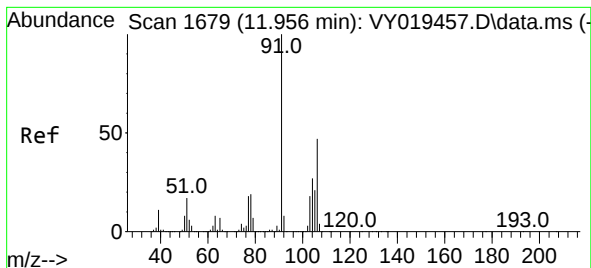
Tgt Ion:106 Resp: 314761

Ion Ratio Lower Upper

106 100

91 203.3 156.0 234.0





#69

o-Xylene

Concen: 21.598 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

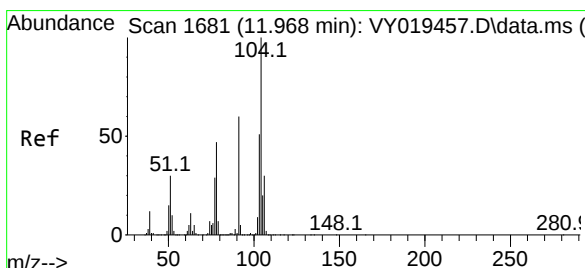
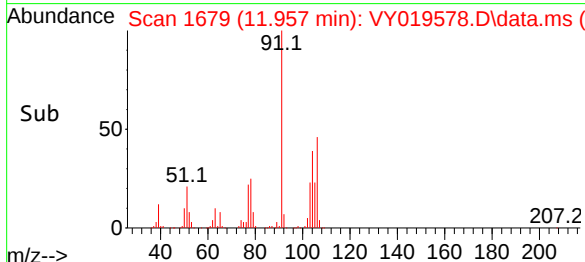
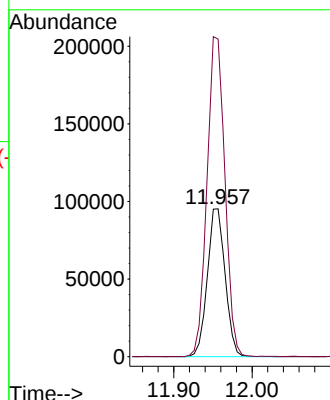
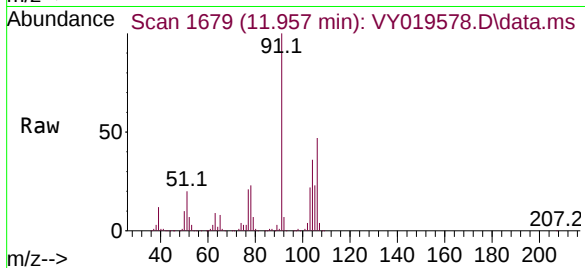
ClientSampleId :

Tgt Ion:106 Resp: 149995

Ion Ratio Lower Upper

106 100

91 218.0 103.6 310.8



#70

Styrene

Concen: 21.705 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

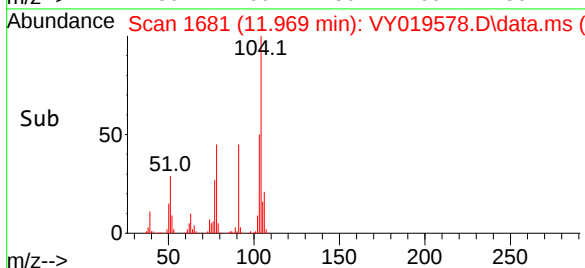
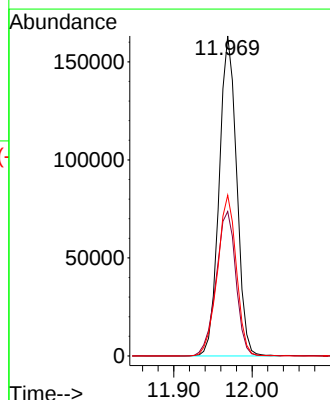
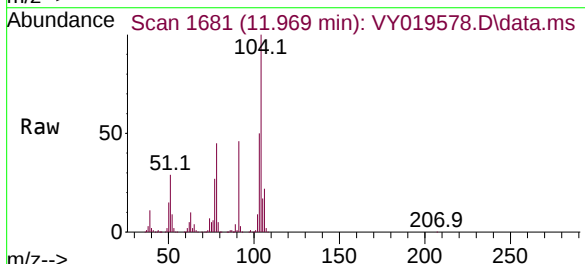
Tgt Ion:104 Resp: 254504

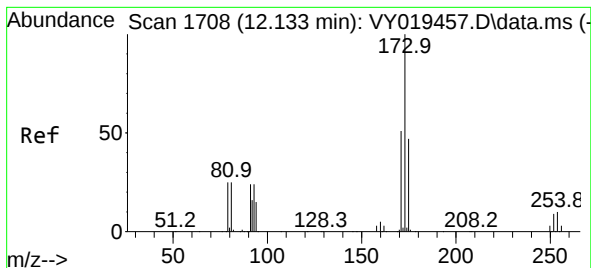
Ion Ratio Lower Upper

104 100

78 50.9 37.0 55.4

103 54.1 44.2 66.2





#71

Bromoform

Concen: 20.427 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019578.D

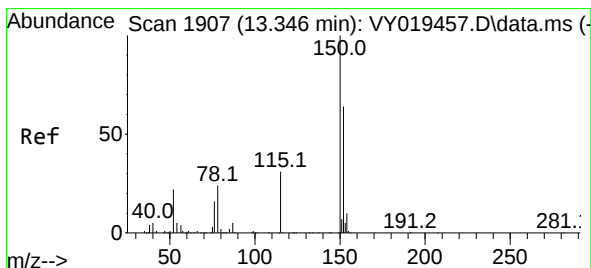
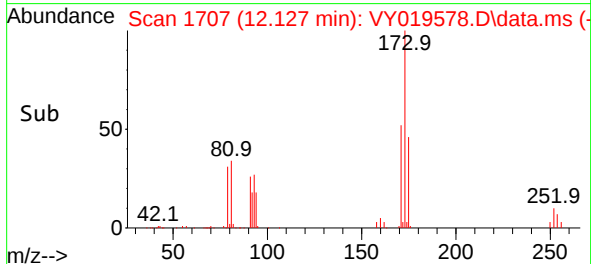
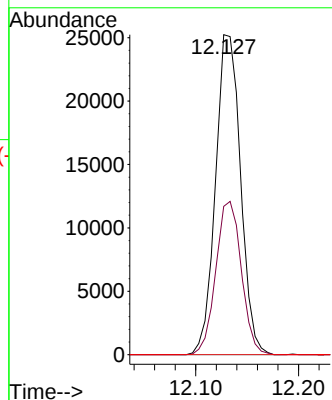
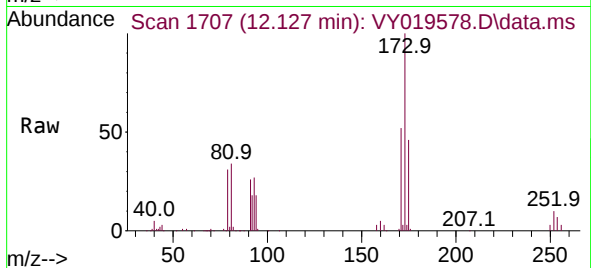
Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	42697
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

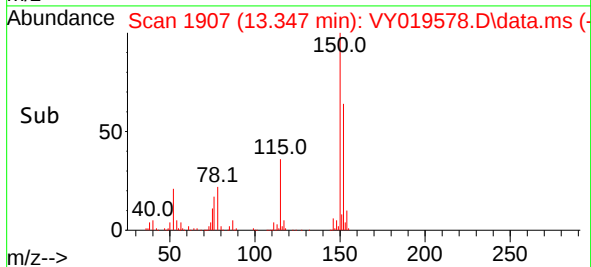
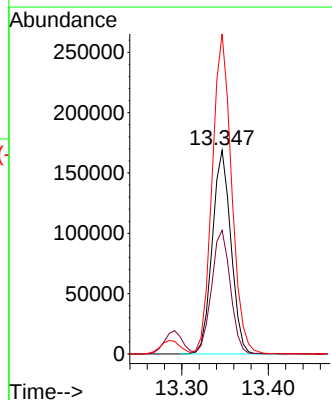
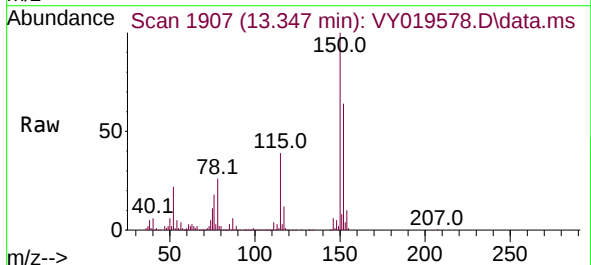
RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Tgt Ion:152	Resp:	252101
Ion Ratio	Lower	Upper
152	100	
115	60.9	28.2 84.7
150	163.3	0.0 345.6





#73

Isopropylbenzene

Concen: 22.645 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

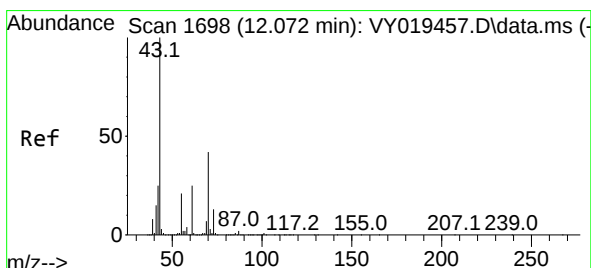
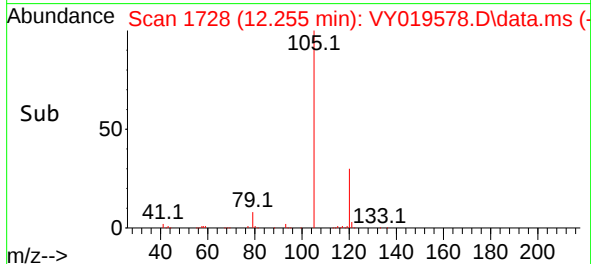
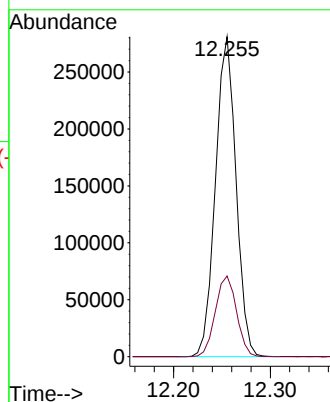
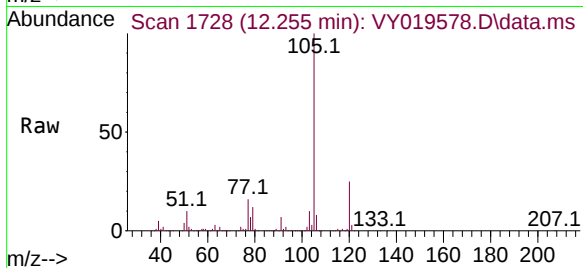
ClientSampleId :

Tgt Ion:105 Resp: 414163

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 20.067 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Tgt Ion: 43 Resp: 99813

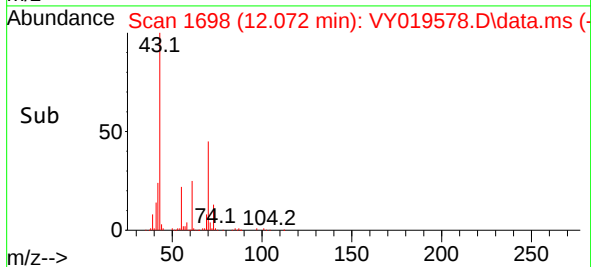
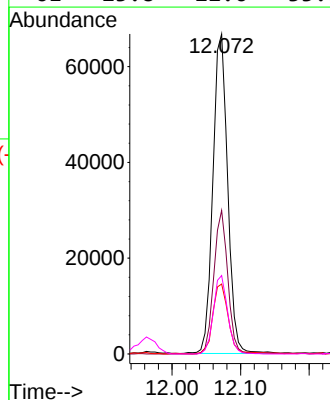
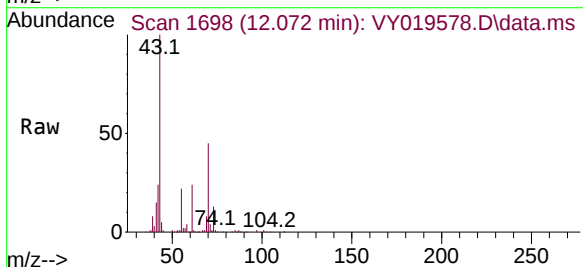
Ion Ratio Lower Upper

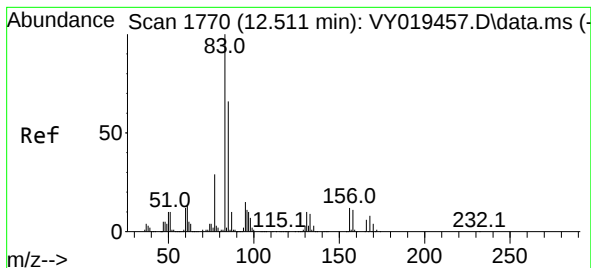
43 100

70 42.5 41.4 62.2

55 23.4 23.3 34.9

61 23.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.561 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

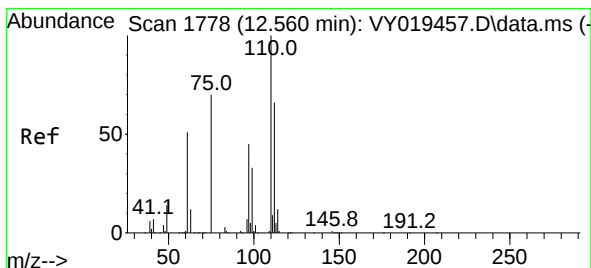
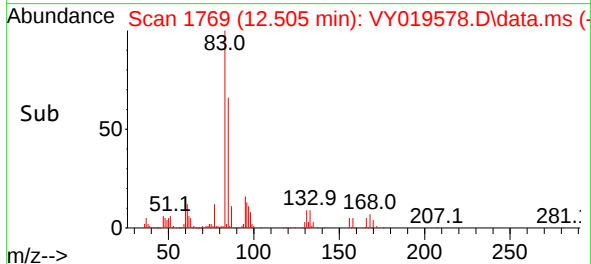
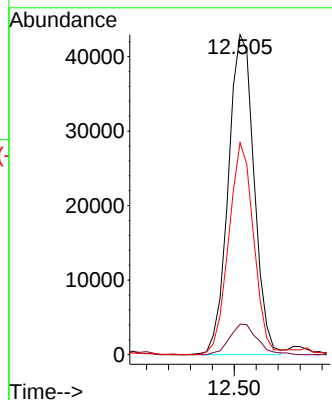
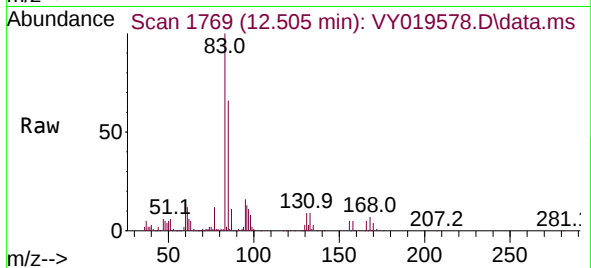
Tgt Ion: 83 Resp: 69991

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 64.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.657 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019578.D

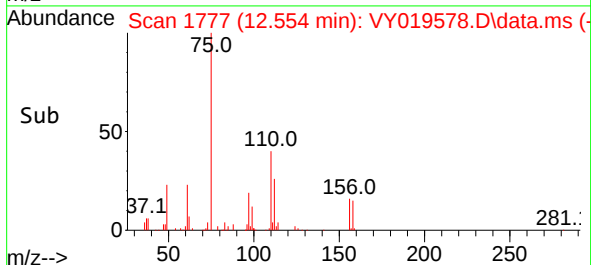
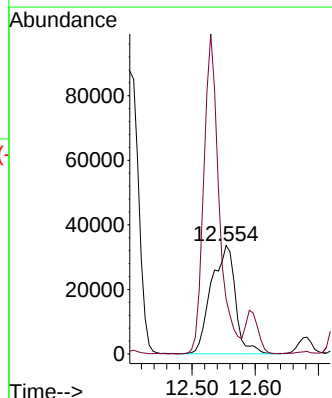
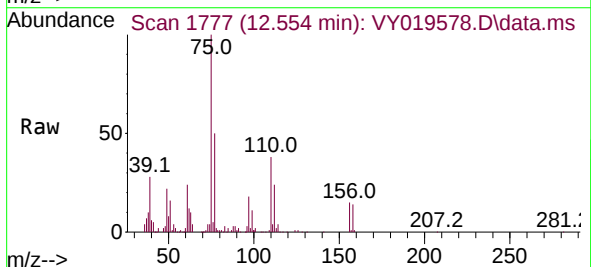
Acq: 17 Sep 2024 12:16

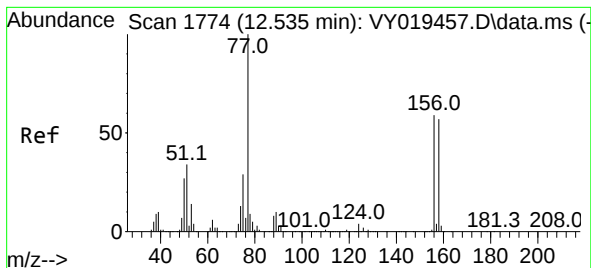
Tgt Ion: 75 Resp: 88981

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.560 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

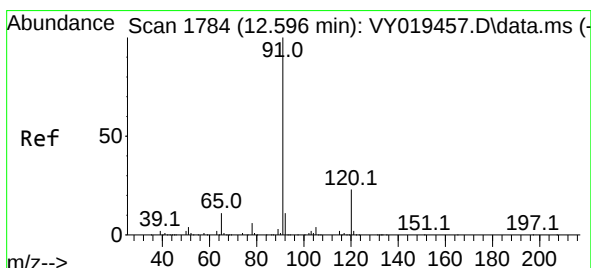
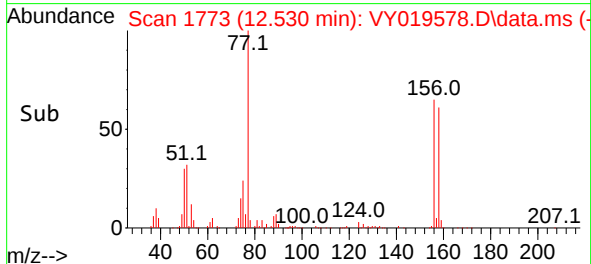
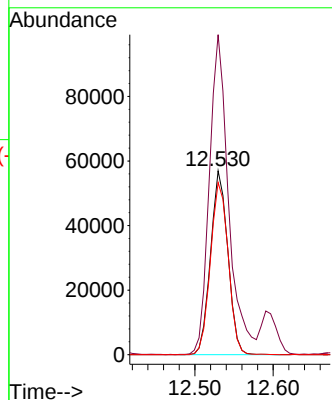
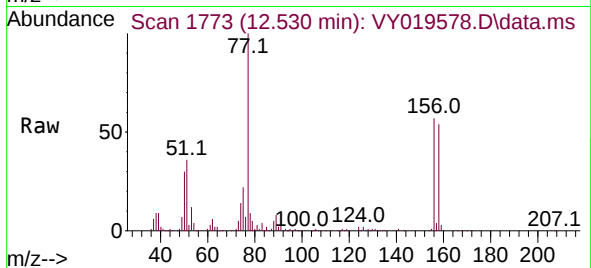
Tgt Ion:156 Resp: 87455

Ion Ratio Lower Upper

156 100

77 193.9 87.1 261.3

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 22.841 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019578.D

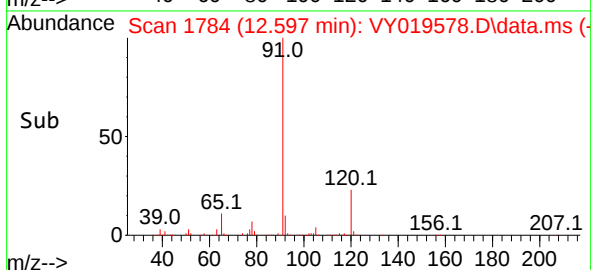
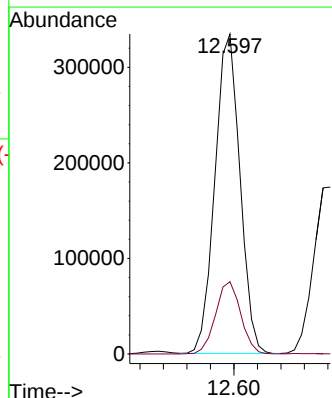
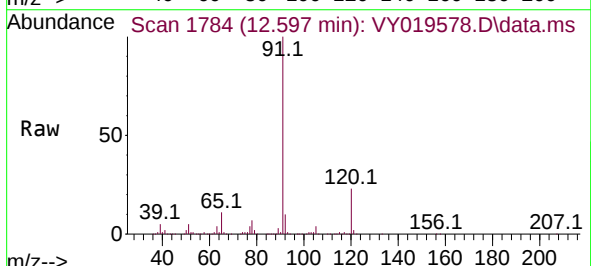
Acq: 17 Sep 2024 12:16

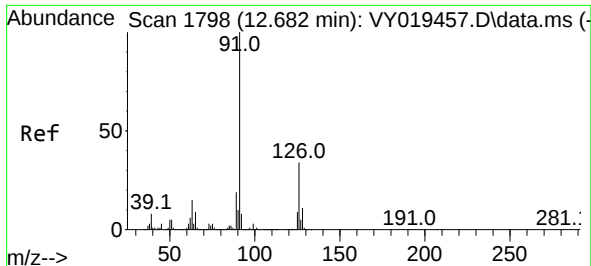
Tgt Ion: 91 Resp: 495146

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

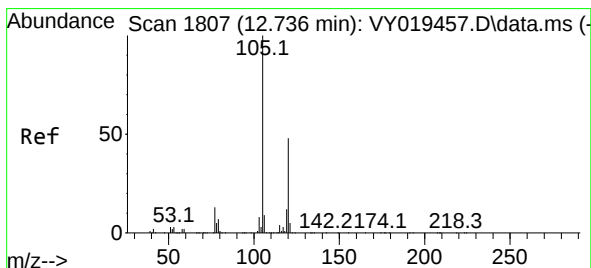
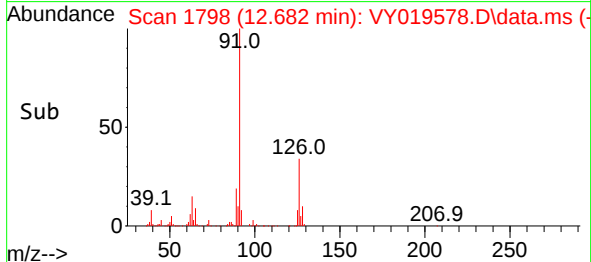
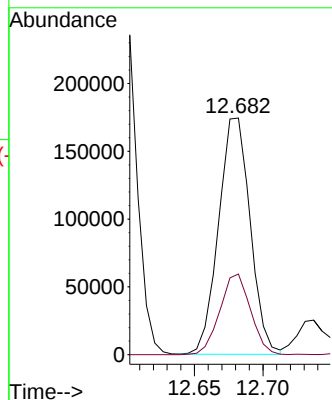
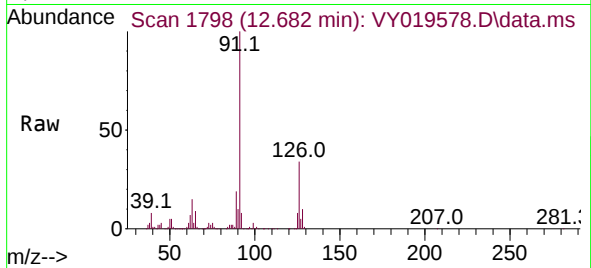




#79
2-Chlorotoluene
Concen: 22.170 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

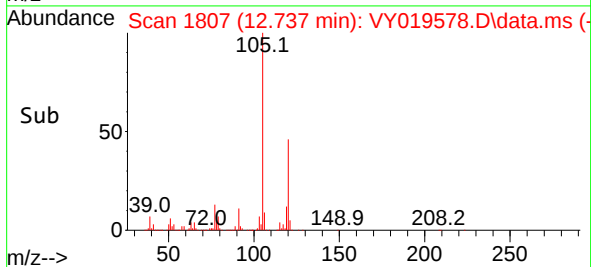
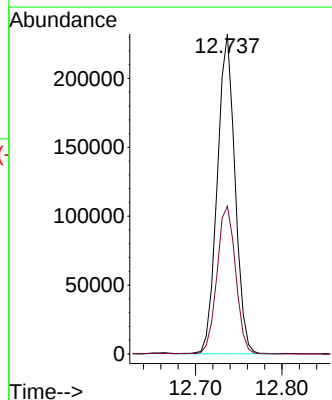
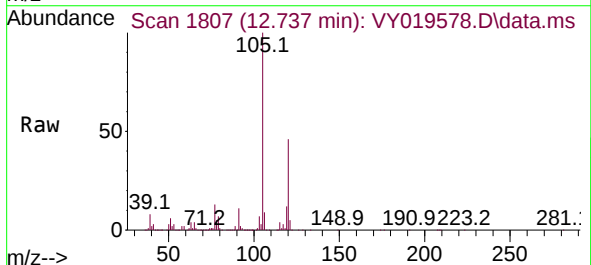
Instrument :
MSVOA_Y
ClientSampleId :

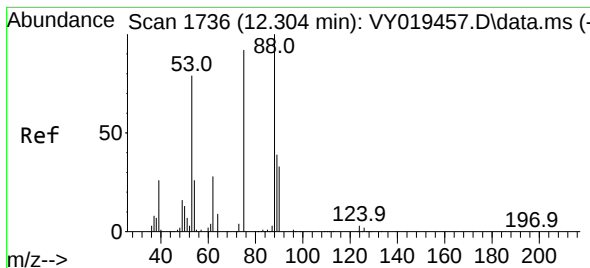
Tgt Ion: 91 Resp: 280082
Ion Ratio Lower Upper
91 100
126 33.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 22.194 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

Tgt Ion: 105 Resp: 329993
Ion Ratio Lower Upper
105 100
120 48.7 25.1 75.2

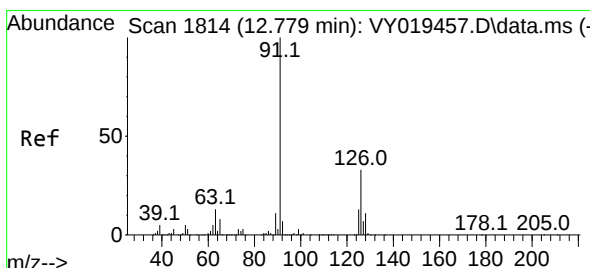
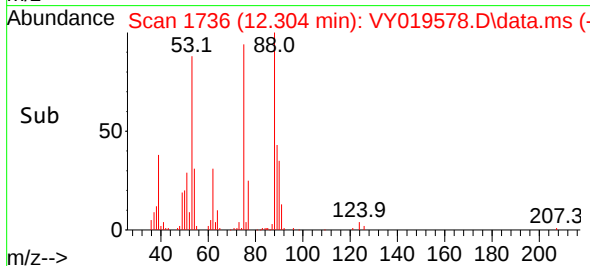
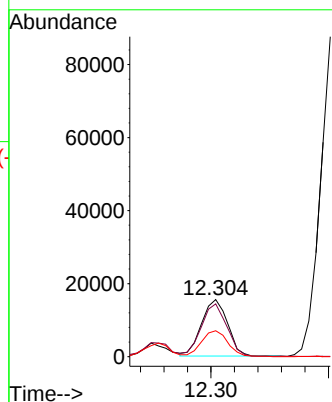
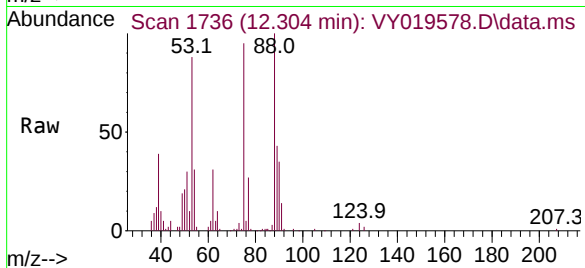




#81
trans-1,4-Dichloro-2-butene
Concen: 19.331 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

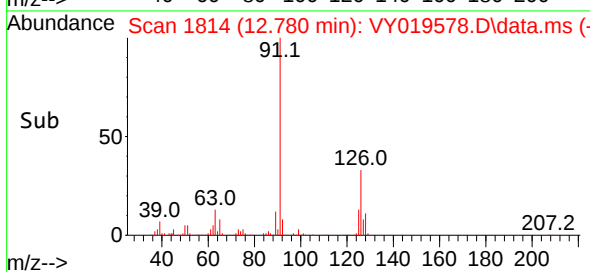
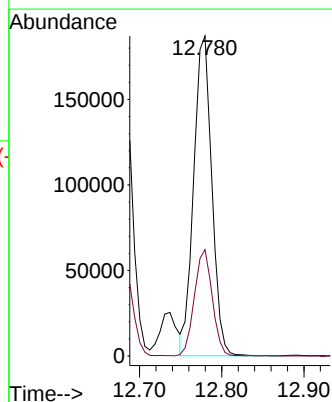
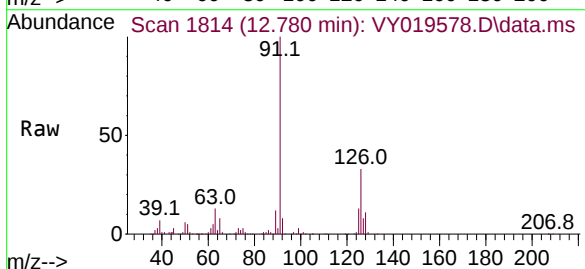
Instrument :
MSVOA_Y
ClientSampleId :

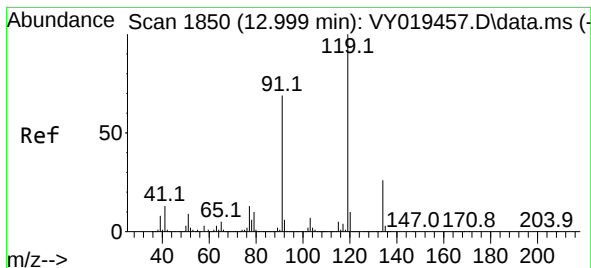
Tgt Ion: 75 Resp: 23794
Ion Ratio Lower Upper
75 100
53 92.2 66.8 100.2
89 46.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.046 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019578.D
Acq: 17 Sep 2024 12:16

Tgt Ion: 91 Resp: 286330
Ion Ratio Lower Upper
91 100
126 32.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 23.291 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

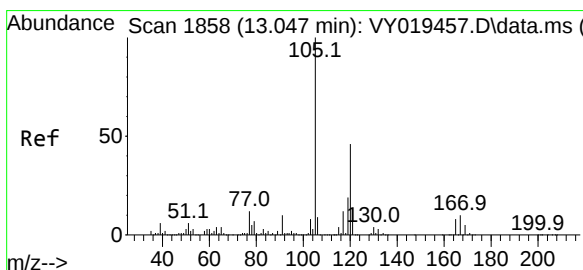
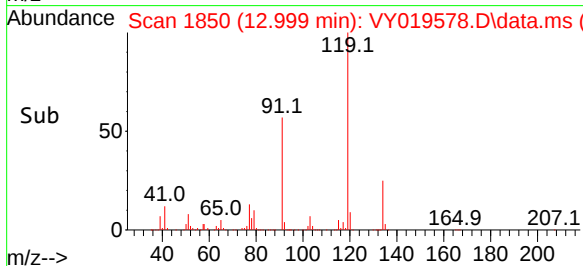
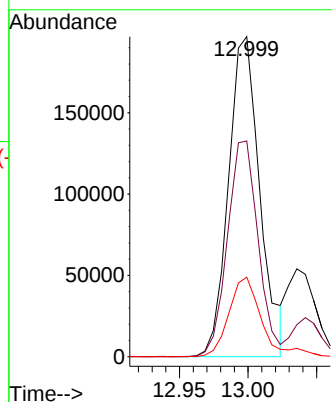
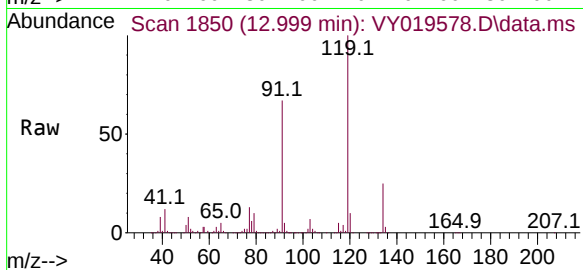
Tgt Ion:119 Resp: 313499

Ion Ratio Lower Upper

119 100

91 66.0 31.3 93.8

134 26.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.520 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019578.D

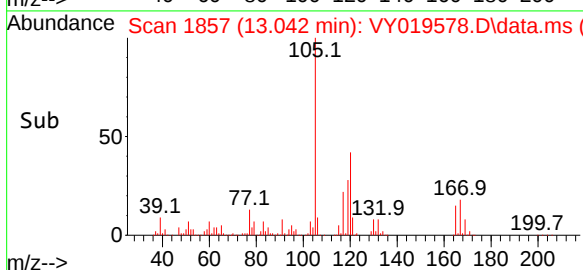
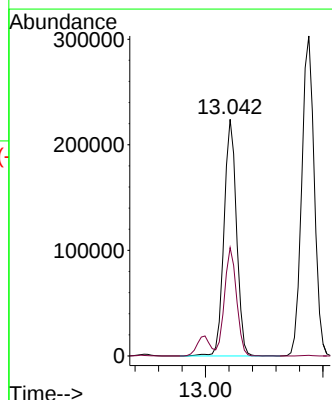
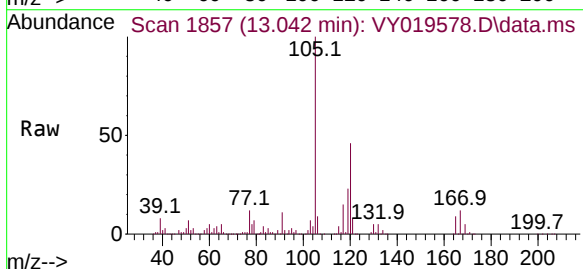
Acq: 17 Sep 2024 12:16

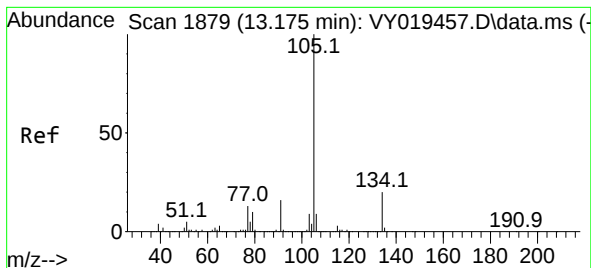
Tgt Ion:105 Resp: 331444

Ion Ratio Lower Upper

105 100

120 44.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.921 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

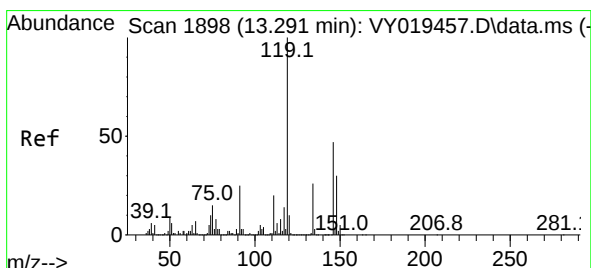
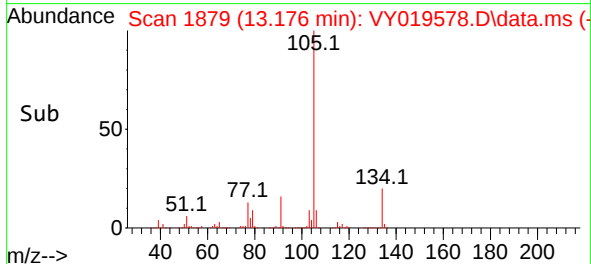
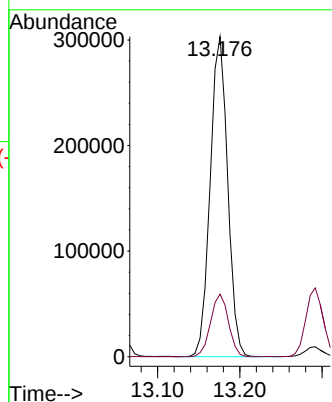
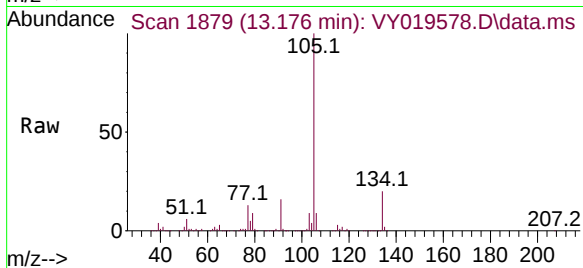
ClientSampleId :

Tgt Ion:105 Resp: 448192

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.885 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

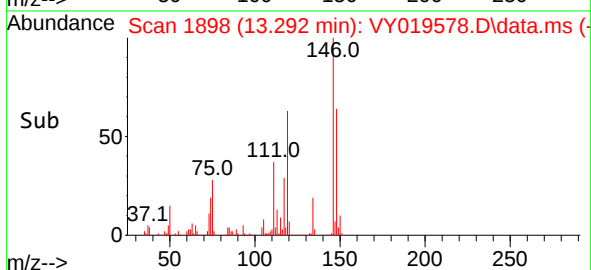
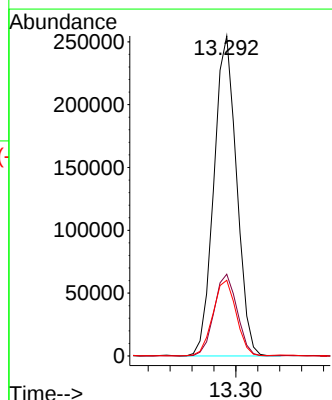
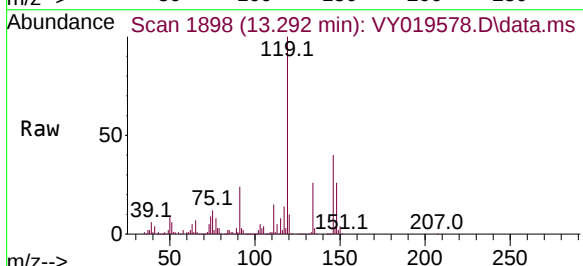
Tgt Ion:119 Resp: 366125

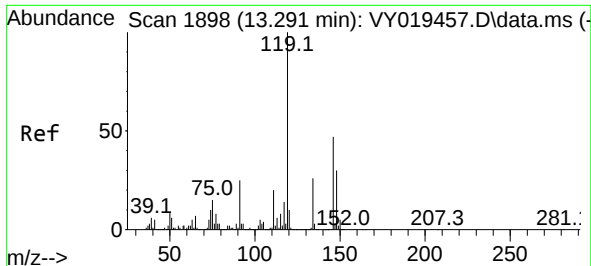
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 24.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.291 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

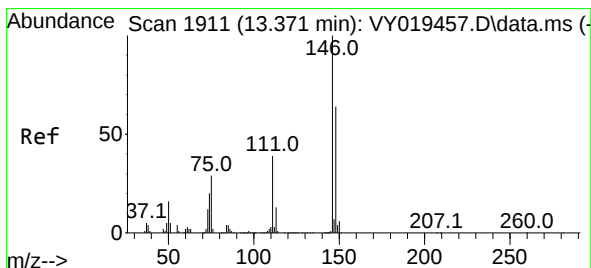
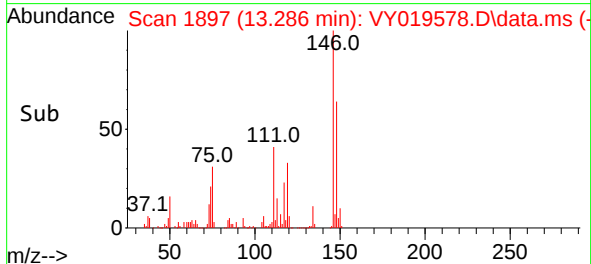
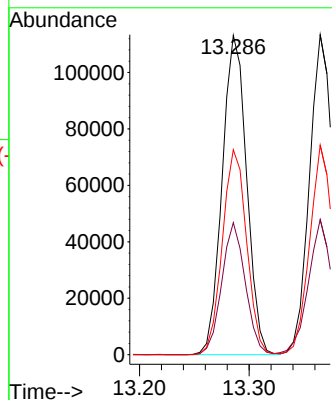
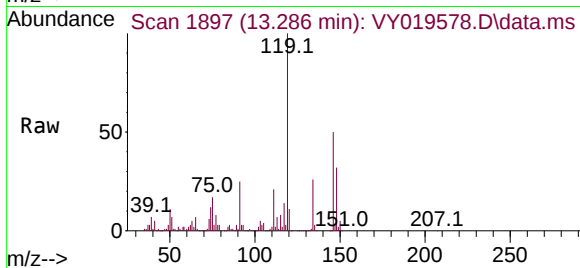
Tgt Ion:146 Resp: 175691

Ion Ratio Lower Upper

146 100

111 39.8 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 22.097 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

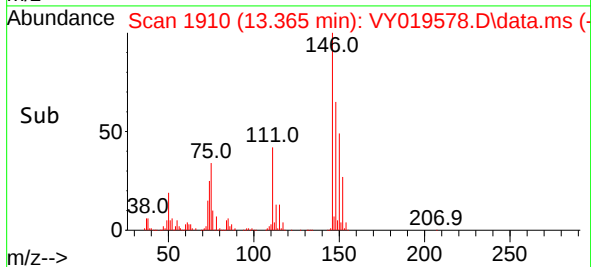
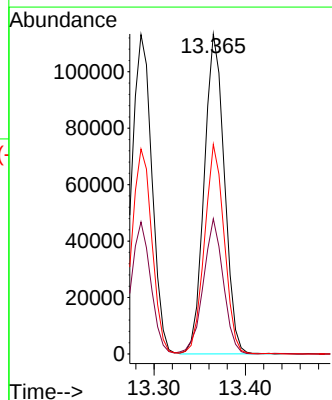
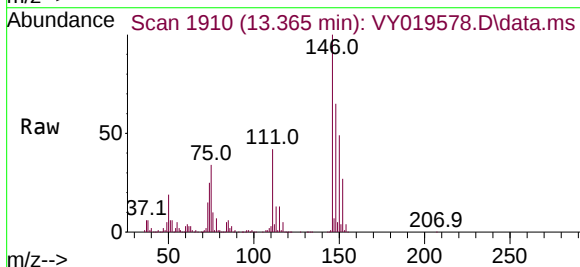
Tgt Ion:146 Resp: 172844

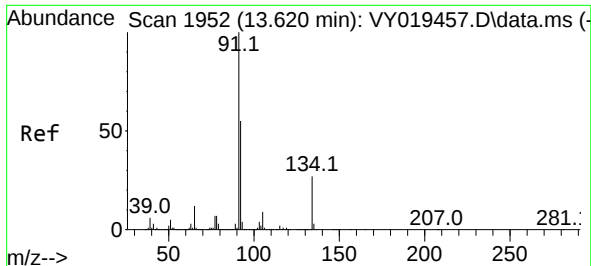
Ion Ratio Lower Upper

146 100

111 41.9 18.4 55.4

148 64.1 32.4 97.2





#89

n-Butylbenzene

Concen: 22.910 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

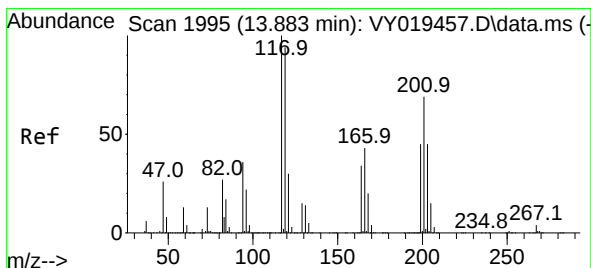
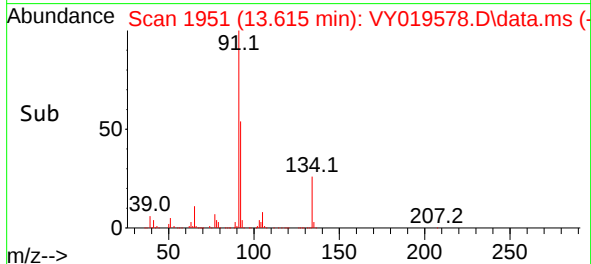
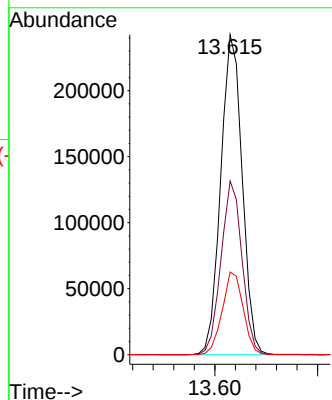
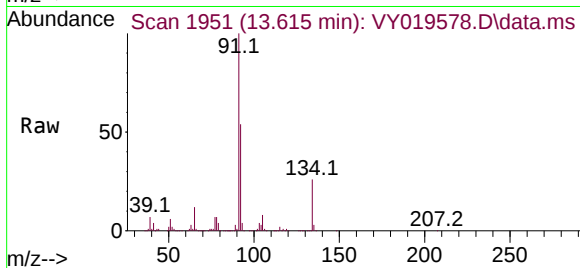
Tgt Ion: 91 Resp: 350384

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 25.3 12.9 38.7



#90

Hexachloroethane

Concen: 21.811 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019578.D

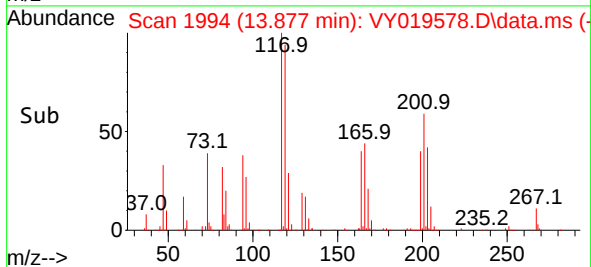
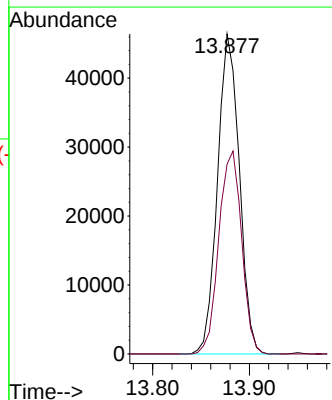
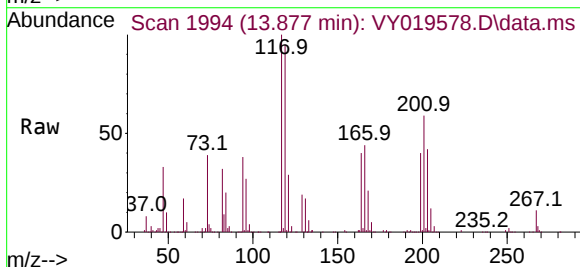
Acq: 17 Sep 2024 12:16

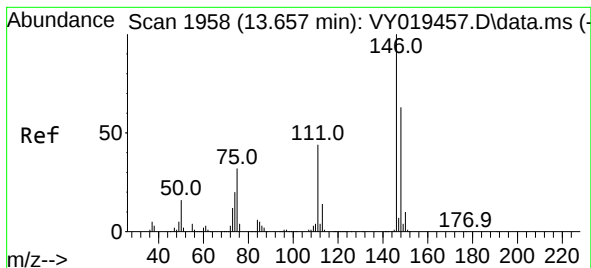
Tgt Ion: 117 Resp: 72603

Ion Ratio Lower Upper

117 100

201 66.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.790 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

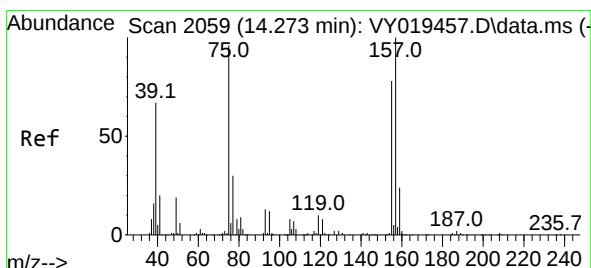
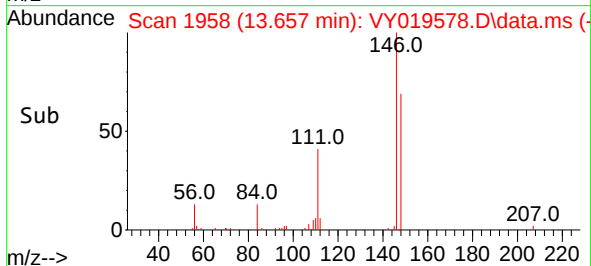
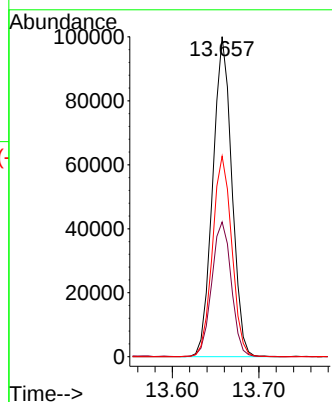
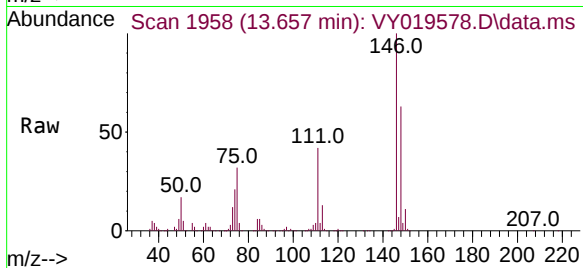
Tgt Ion:146 Resp: 153257

Ion Ratio Lower Upper

146 100

111 43.2 19.9 59.7

148 63.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.798 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

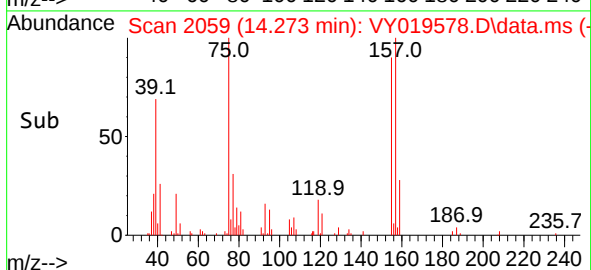
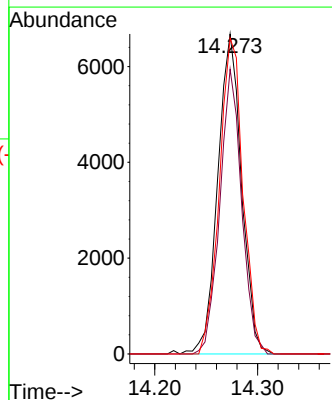
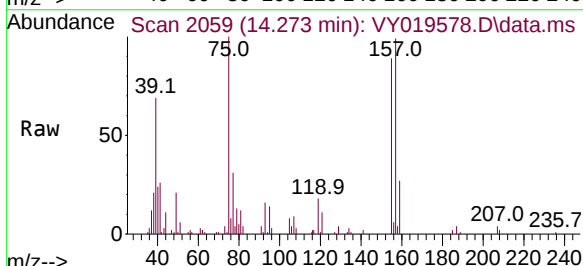
Tgt Ion: 75 Resp: 10711

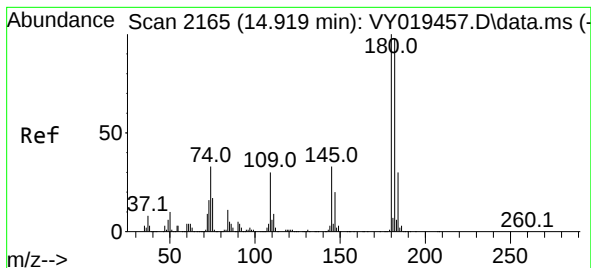
Ion Ratio Lower Upper

75 100

155 81.4 48.6 145.8

157 98.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.376 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

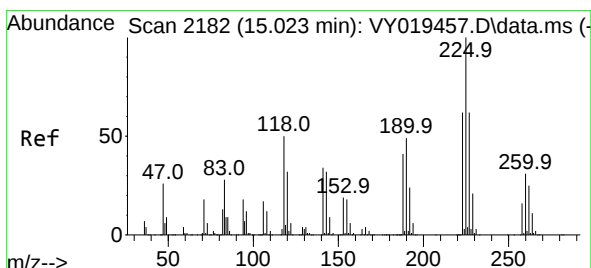
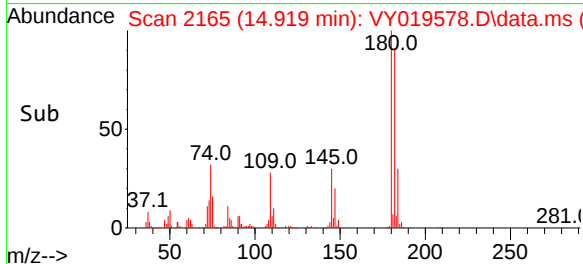
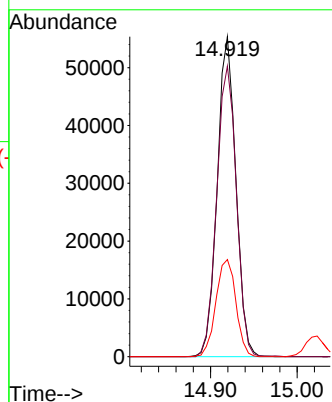
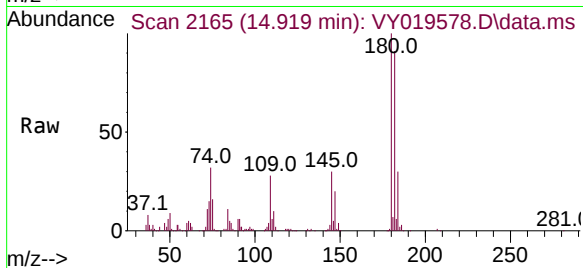
Tgt Ion:180 Resp: 82888

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 32.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.084 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

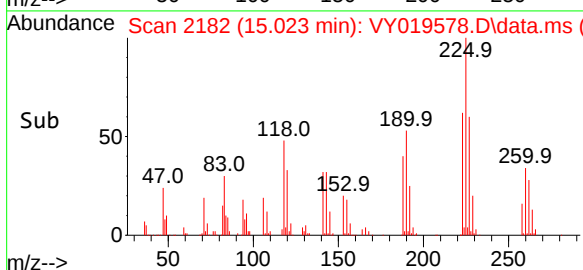
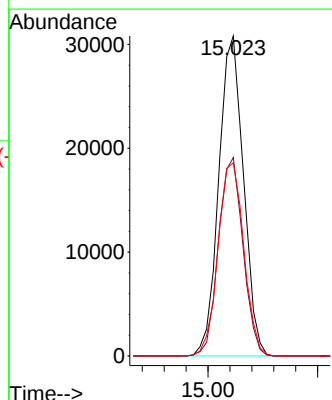
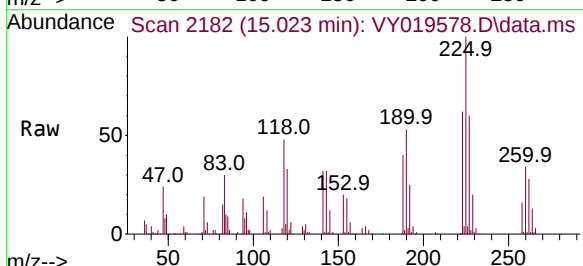
Tgt Ion:225 Resp: 48183

Ion Ratio Lower Upper

225 100

223 61.4 30.4 91.2

227 63.2 31.9 95.9





#95

Naphthalene

Concen: 18.532 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

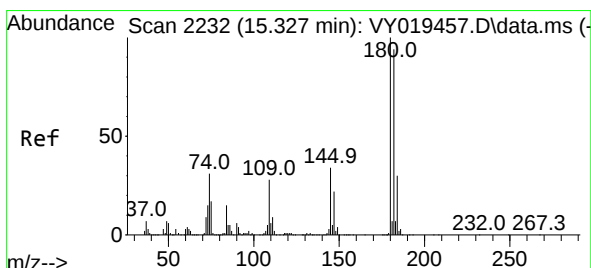
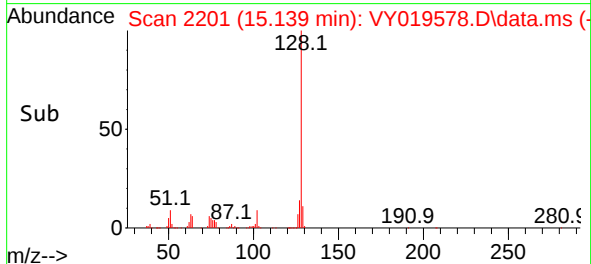
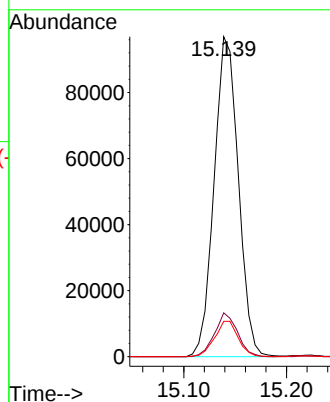
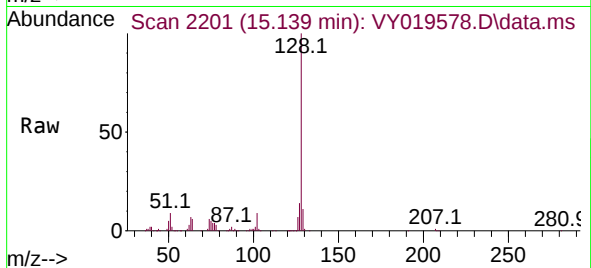
Tgt Ion:128 Resp: 158757

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.359 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019578.D

Acq: 17 Sep 2024 12:16

Tgt Ion:180 Resp: 70835

Ion Ratio Lower Upper

180 100

182 92.3 47.6 142.9

145 32.8 15.4 46.1

