

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019713.D
 Acq On : 26 Sep 2024 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 02:02:57 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	7.701	168	310410	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	547034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	480196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	230912	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	188675	65.641	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.280%	
35) Dibromofluoromethane	7.628	113	189373	61.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.120%	
50) Toluene-d8	10.109	98	662178	57.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.440%	
62) 4-Bromofluorobenzene	12.408	95	245900	55.746	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 111.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	77180	45.089	ug/l	98
3) Chloromethane	2.068	50	140586	54.741	ug/l	99
4) Vinyl Chloride	2.208	62	168648	60.729	ug/l	99
5) Bromomethane	2.599	94	125741	73.714	ug/l	98
6) Chloroethane	2.739	64	124789	68.738	ug/l	100
7) Trichlorofluoromethane	3.056	101	279534	60.385	ug/l	99
8) Diethyl Ether	3.452	74	97367	62.660	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.812	101	166428	58.117	ug/l	96
10) Methyl Iodide	4.001	142	192775	52.505	ug/l	92
11) Tert butyl alcohol	4.860	59	87875	378.568	ug/l	# 82
12) 1,1-Dichloroethene	3.787	96	158567	57.577	ug/l	88
13) Acrolein	3.653	56	16830	144.563	ug/l	99
14) Allyl chloride	4.379	41	277400	56.168	ug/l	# 94
15) Acrylonitrile	5.049	53	225819	337.037	ug/l	98
16) Acetone	3.873	43	204589	298.772	ug/l	# 84
17) Carbon Disulfide	4.104	76	393700	52.910	ug/l	99
18) Methyl Acetate	4.379	43	123812	66.626	ug/l	91
19) Methyl tert-butyl Ether	5.104	73	510498	65.448	ug/l	99
20) Methylene Chloride	4.610	84	192088	61.510	ug/l	87
21) trans-1,2-Dichloroethene	5.104	96	182006	60.294	ug/l	93
22) Diisopropyl ether	6.013	45	635182	62.630	ug/l	95
23) Vinyl Acetate	5.952	43	1824066	314.878	ug/l	94
24) 1,1-Dichloroethane	5.909	63	362193	63.643	ug/l	97
25) 2-Butanone	6.890	43	308871	317.145	ug/l	# 86
26) 2,2-Dichloropropane	6.878	77	298261	58.101	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	233182	63.593	ug/l	89
28) Bromochloromethane	7.238	49	137898	57.589	ug/l	86
29) Tetrahydrofuran	7.256	42	196055	331.088	ug/l	87
30) Chloroform	7.415	83	385137	66.293	ug/l	98
31) Cyclohexane	7.695	56	268685	52.232	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	326008	62.606	ug/l	97
36) 1,1-Dichloropropene	7.829	75	245357	58.136	ug/l	97
37) Ethyl Acetate	6.976	43	136308	63.035	ug/l	95
38) Carbon Tetrachloride	7.811	117	280491	58.936	ug/l	99
39) Methylcyclohexane	9.110	83	300858	53.568	ug/l	93
40) Benzene	8.079	78	779444	59.962	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019713.D
 Acq On : 26 Sep 2024 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 02:02:57 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)
41) Methacrylonitrile	7.214	41	73186	58.060	ug/l	91
42) 1,2-Dichloroethane	8.152	62	231446	66.168	ug/l	95
43) Isopropyl Acetate	8.195	43	283145	62.325	ug/l #	82
44) Trichloroethene	8.866	130	193553	57.897	ug/l	92
45) 1,2-Dichloropropane	9.140	63	194284	61.136	ug/l	98
46) Dibromomethane	9.231	93	113337	65.217	ug/l	94
47) Bromodichloromethane	9.420	83	297984	63.788	ug/l	96
48) Methyl methacrylate	9.219	41	130270	60.721	ug/l	85
49) 1,4-Dioxane	9.231	88	26987	1319.126	ug/l #	85
51) 4-Methyl-2-Pentanone	10.000	43	733540	320.944	ug/l	92
52) Toluene	10.170	92	510611	61.077	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	269632	60.549	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	309481	59.684	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	154242	64.270	ug/l	97
56) Ethyl methacrylate	10.439	69	230426	63.207	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	260939	63.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	513108	303.250	ug/l	98
59) 2-Hexanone	10.762	43	501664	299.389	ug/l	91
60) Dibromochloromethane	10.914	129	204111	64.294	ug/l	99
61) 1,2-Dibromoethane	11.012	107	139215	62.258	ug/l	99
64) Tetrachloroethene	10.646	164	172851	58.128	ug/l	93
65) Chlorobenzene	11.445	112	567405	60.070	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	199249	60.924	ug/l	98
67) Ethyl Benzene	11.518	91	996593	59.379	ug/l	99
68) m/p-Xylenes	11.627	106	744457	117.307	ug/l	94
69) o-Xylene	11.957	106	361015	58.168	ug/l	94
70) Styrene	11.969	104	624626	59.609	ug/l	97
71) Bromoform	12.133	173	112895	60.437	ug/l #	98
73) Isopropylbenzene	12.255	105	966029	57.667	ug/l	99
74) N-amyl acetate	12.072	43	258990	56.846	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	188337	63.341	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	233373	107.828	ug/l #	100
77) Bromobenzene	12.530	156	215546	58.015	ug/l	91
78) n-propylbenzene	12.597	91	1136696	57.248	ug/l	99
79) 2-Chlorotoluene	12.682	91	663362	57.328	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	772953	56.757	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	58530	51.915	ug/l	88
82) 4-Chlorotoluene	12.780	91	682007	57.330	ug/l	97
83) tert-Butylbenzene	12.999	119	713551	57.876	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	770025	57.121	ug/l	97
85) sec-Butylbenzene	13.176	105	1028237	57.410	ug/l	99
86) p-Isopropyltoluene	13.292	119	842425	57.489	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	421967	58.449	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	415391	57.977	ug/l	97
89) n-Butylbenzene	13.615	91	786024	56.109	ug/l	99
90) Hexachloroethane	13.877	117	170638	55.965	ug/l	92
91) 1,2-Dichlorobenzene	13.658	146	377837	58.649	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28946	58.412	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	211344	53.938	ug/l	96
94) Hexachlorobutadiene	15.023	225	114238	54.576	ug/l	99
95) Naphthalene	15.145	128	432087	55.066	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	182590	54.479	ug/l	99

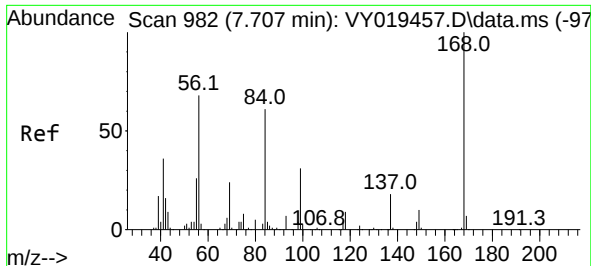
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
Data File : VY019713.D
Acq On : 26 Sep 2024 16:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 27 02:02:57 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)
----------	------	------	----------	------	-------	----------

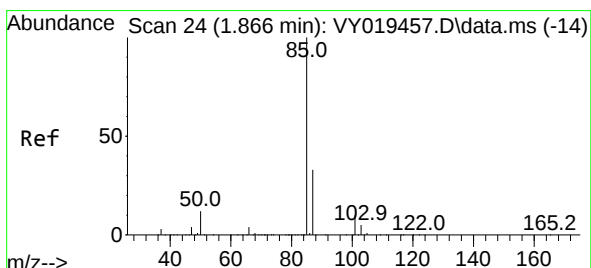
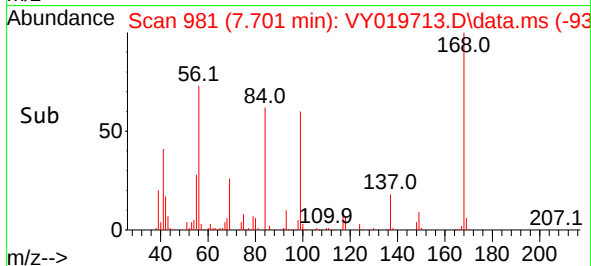
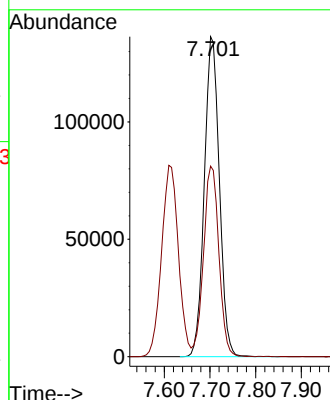
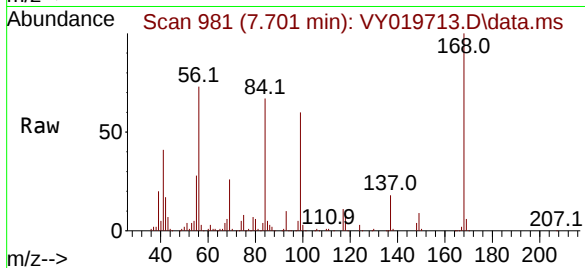
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

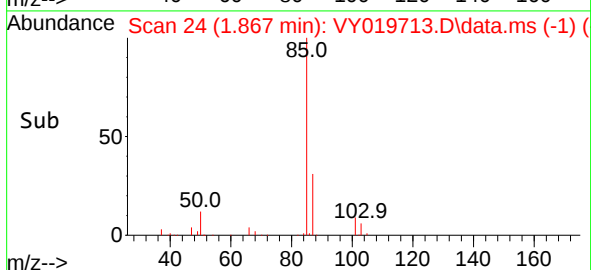
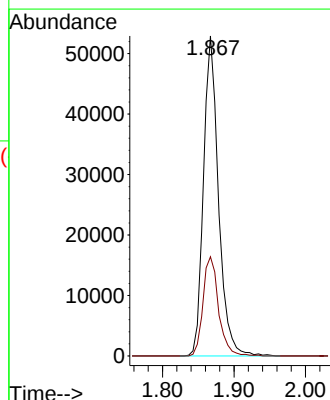
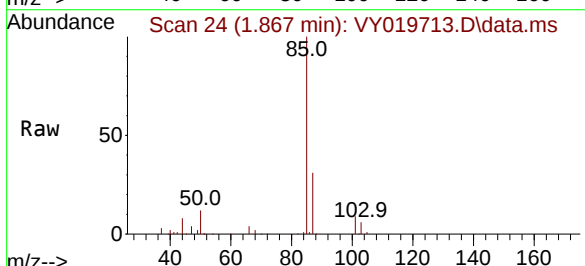
Instrument :
MSVOA_Y
ClientSampleId :

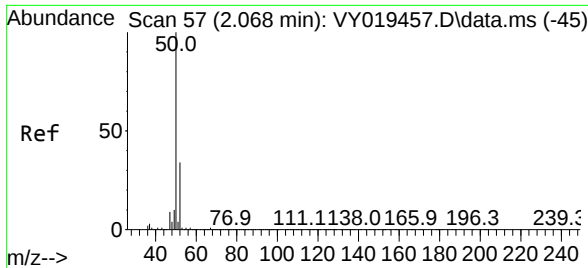
Tgt Ion:168 Resp: 310410
Ion Ratio Lower Upper
168 100
99 59.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 45.089 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion: 85 Resp: 77180
Ion Ratio Lower Upper
85 100
87 31.0 16.0 48.0

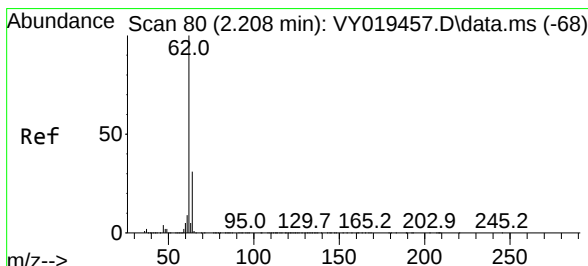
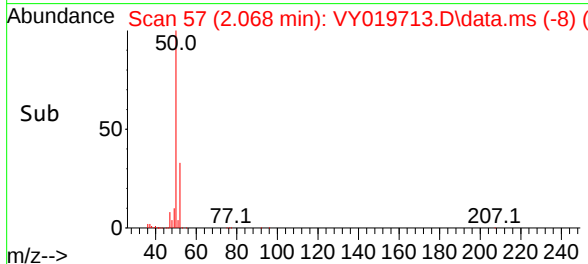
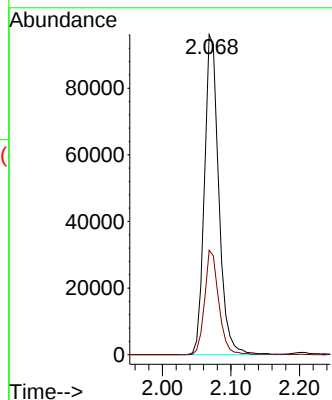
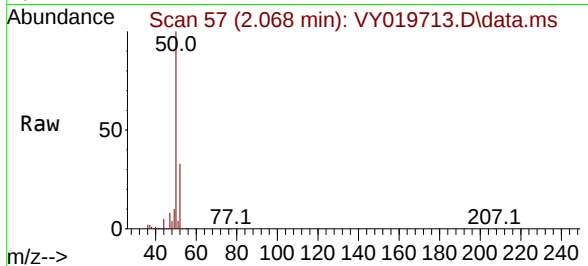




#3
Chloromethane
Concen: 54.741 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

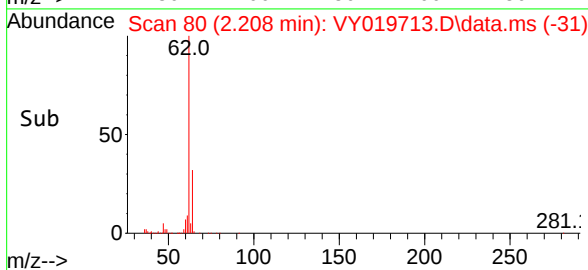
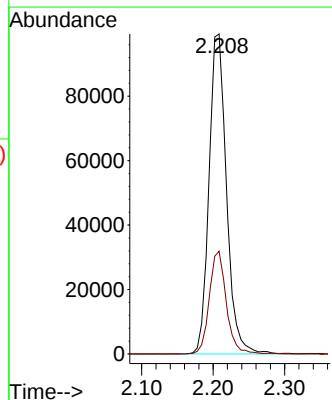
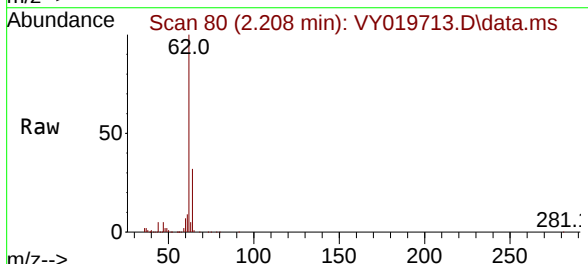
Instrument :
MSVOA_Y
ClientSampleId :

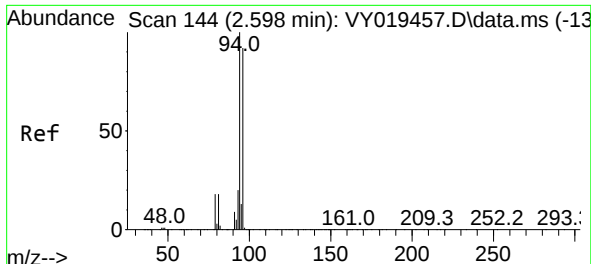
Tgt Ion: 50 Resp: 140586
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 60.729 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion: 62 Resp: 168648
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

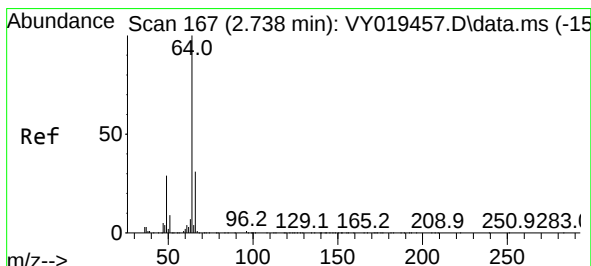
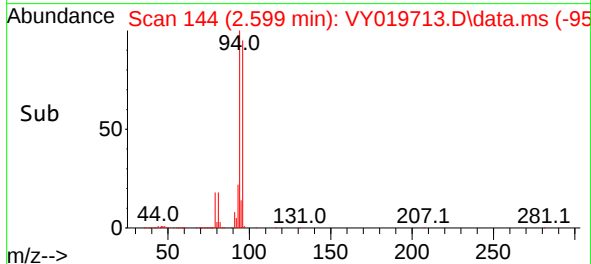
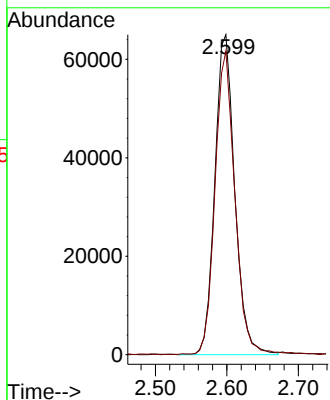
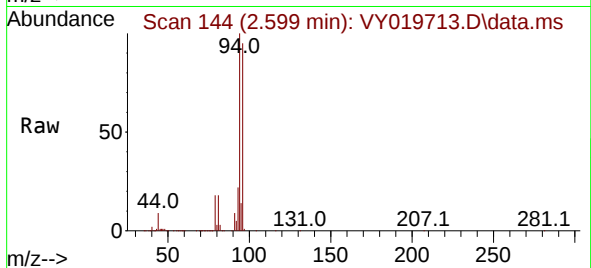




#5
Bromomethane
Concen: 73.714 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

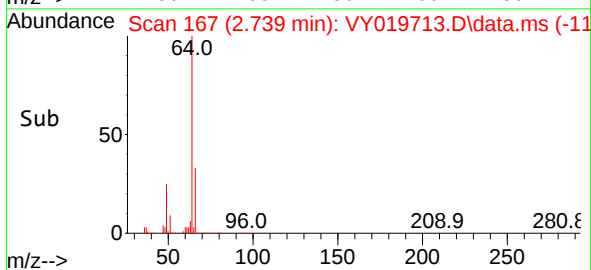
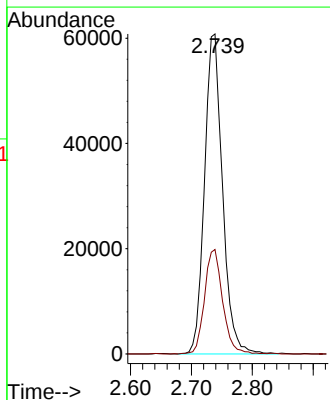
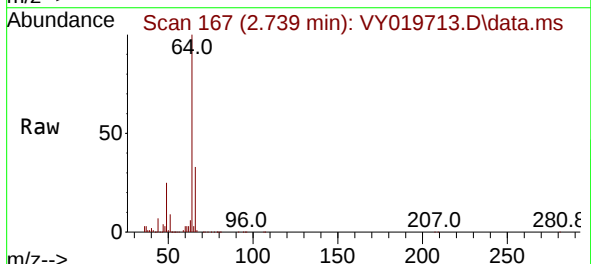
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 125741
Ion Ratio Lower Upper
94 100
96 94.8 74.1 111.1



#6
Chloroethane
Concen: 68.738 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion: 64 Resp: 124789
Ion Ratio Lower Upper
64 100
66 32.6 26.1 39.1

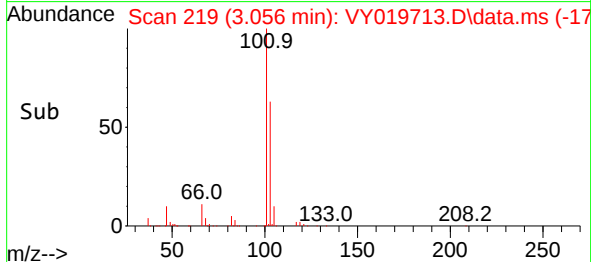
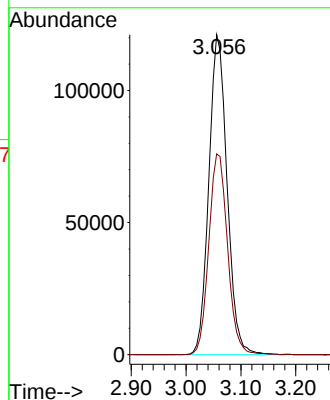
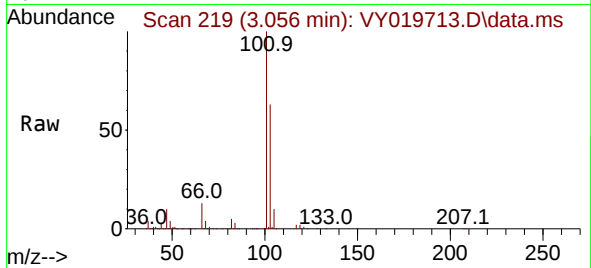




#7
 Trichlorofluoromethane
 Concen: 60.385 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019713.D
 Acq: 26 Sep 2024 16:30

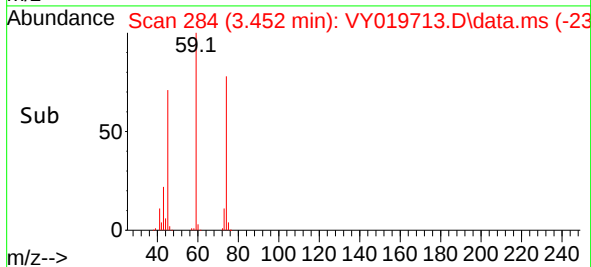
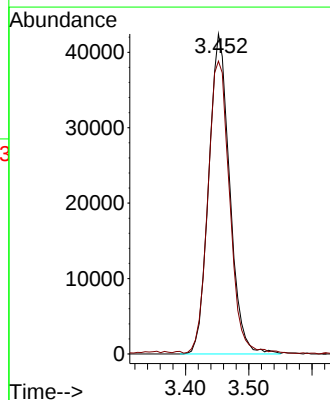
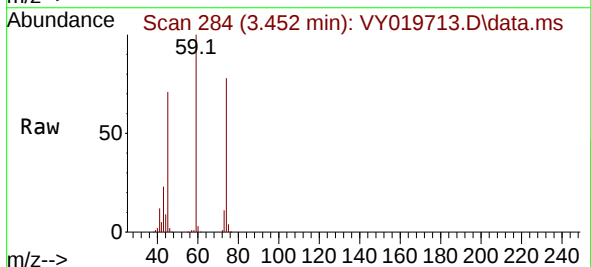
Instrument :
 MSVOA_Y
 ClientSampleId :

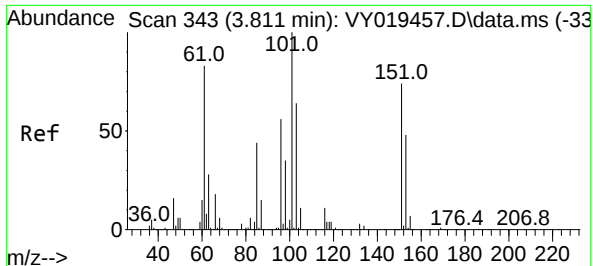
Tgt Ion:101 Resp: 279534
 Ion Ratio Lower Upper
 101 100
 103 62.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 62.660 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019713.D
 Acq: 26 Sep 2024 16:30

Tgt Ion: 74 Resp: 97367
 Ion Ratio Lower Upper
 74 100
 45 94.6 41.3 124.1

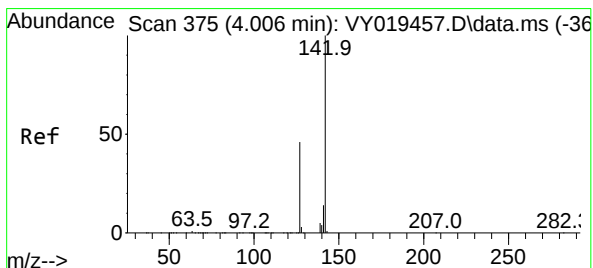
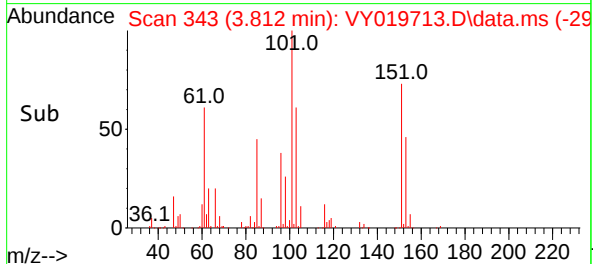
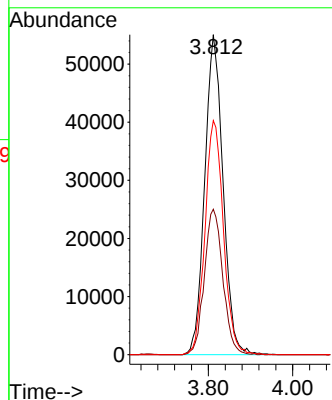
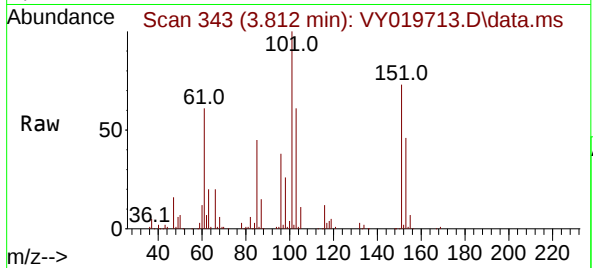




#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.117 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

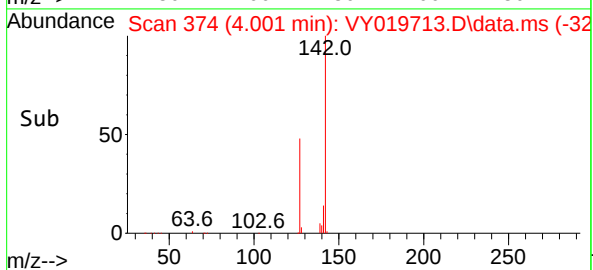
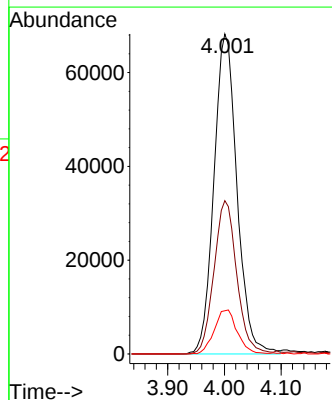
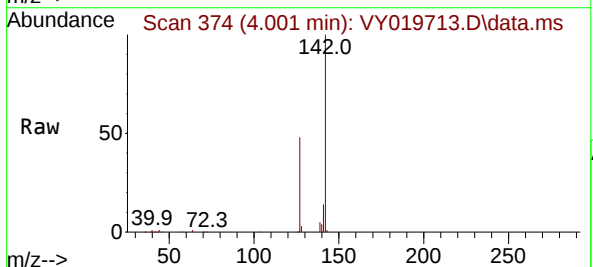
Instrument :
MSVOA_Y
ClientSampleId :

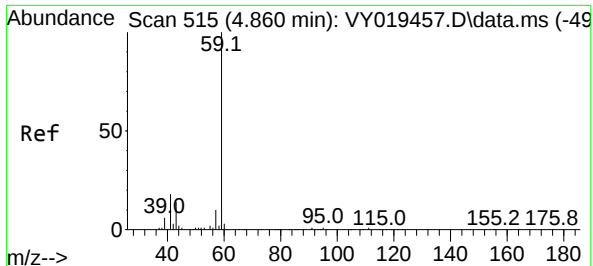
Tgt Ion:101 Resp: 166428
Ion Ratio Lower Upper
101 100
85 46.0 34.5 51.7
151 74.0 61.7 92.5



#10
Methyl Iodide
Concen: 52.505 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion:142 Resp: 192775
Ion Ratio Lower Upper
142 100
127 47.2 32.8 49.2
141 13.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 378.568 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

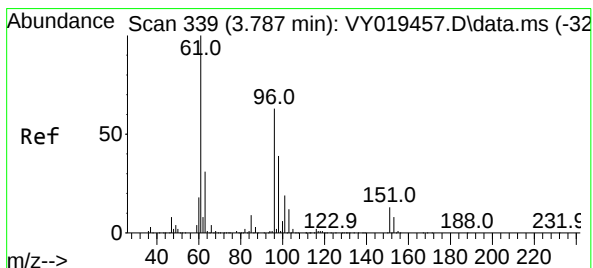
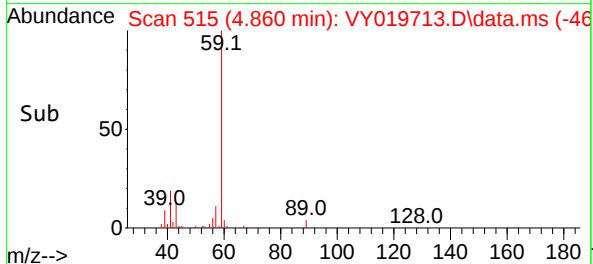
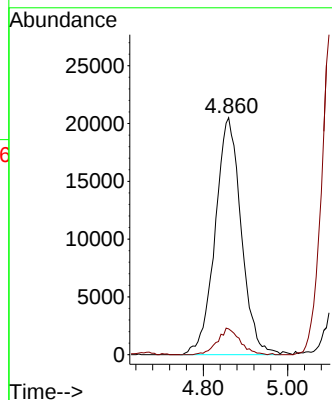
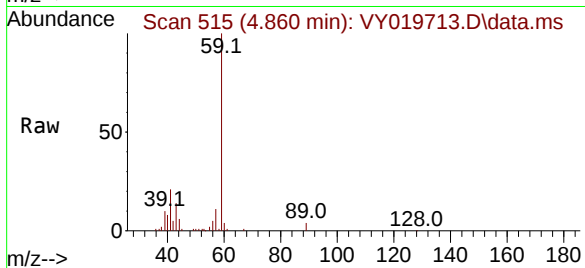
ClientSampleId :

Tgt Ion: 59 Resp: 87875

Ion Ratio Lower Upper

59 100

57 9.7 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 57.577 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

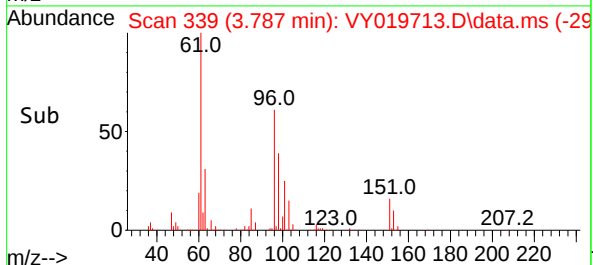
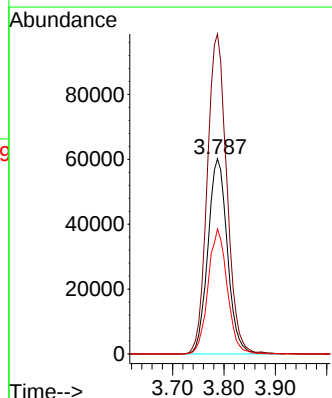
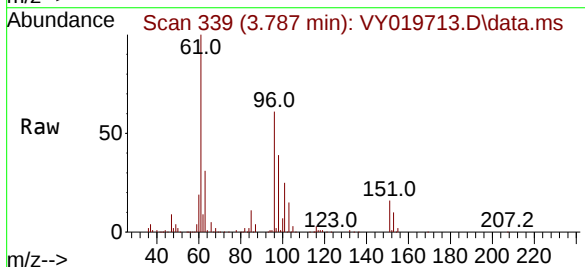
Tgt Ion: 96 Resp: 158567

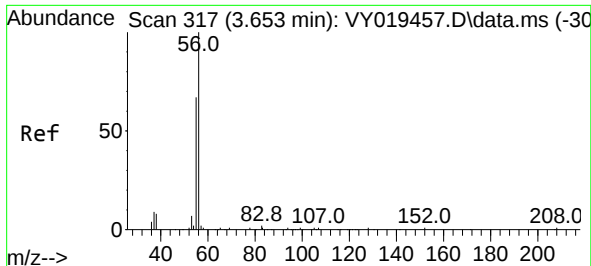
Ion Ratio Lower Upper

96 100

61 163.9 114.6 171.8

98 64.0 50.8 76.2





#13

Acrolein

Concen: 144.563 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

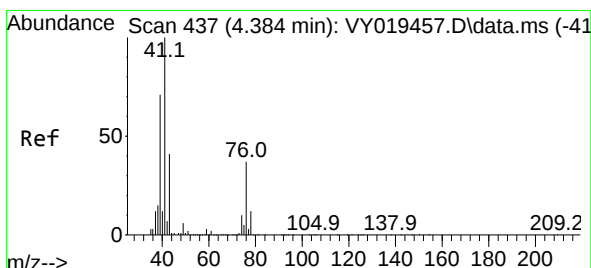
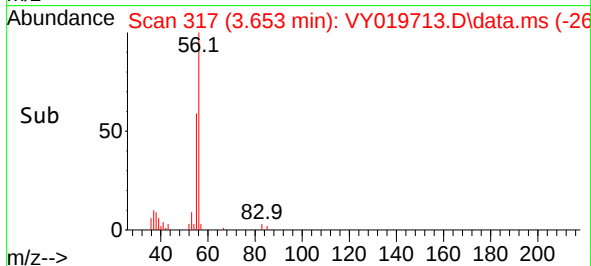
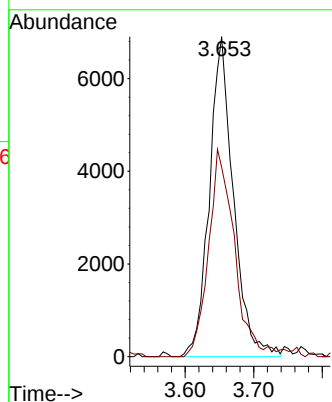
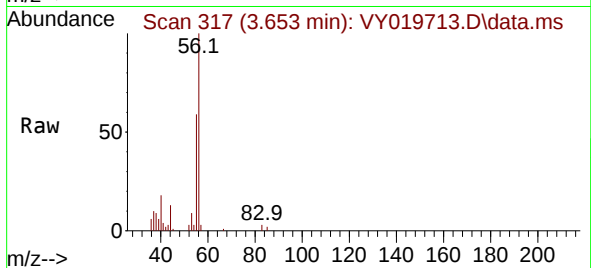
ClientSampleId :

Tgt Ion: 56 Resp: 16830

Ion Ratio Lower Upper

56 100

55 68.4 55.7 83.5



#14

Allyl chloride

Concen: 56.168 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

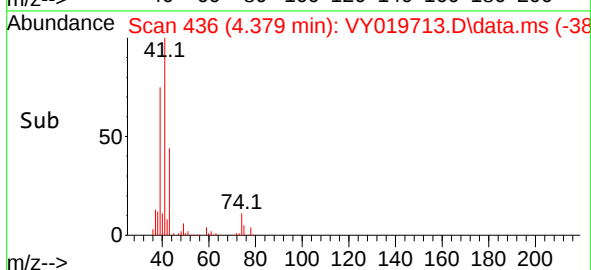
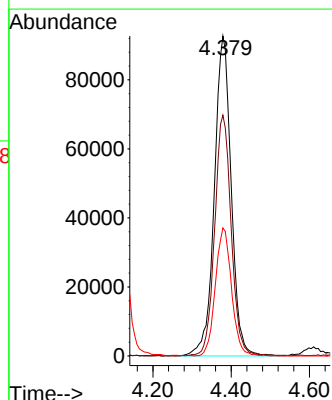
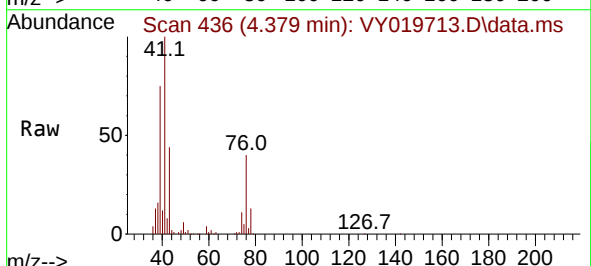
Tgt Ion: 41 Resp: 277400

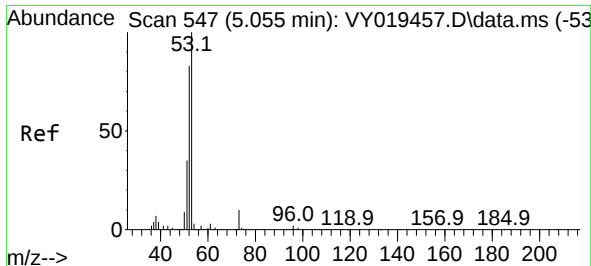
Ion Ratio Lower Upper

41 100

39 73.2 58.3 87.5

76 38.3 39.0 58.6#

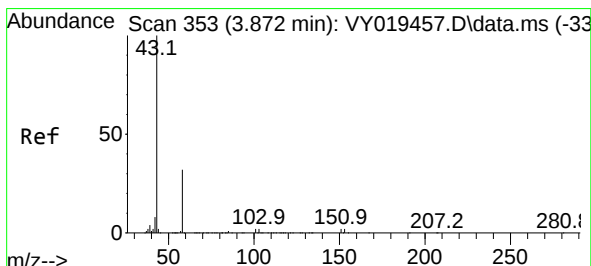
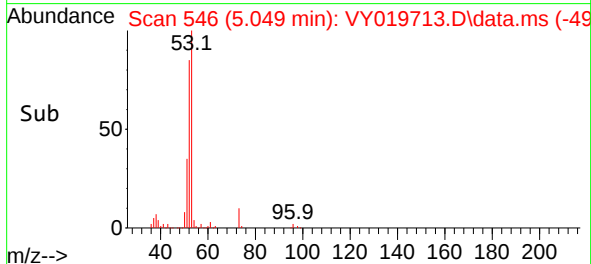
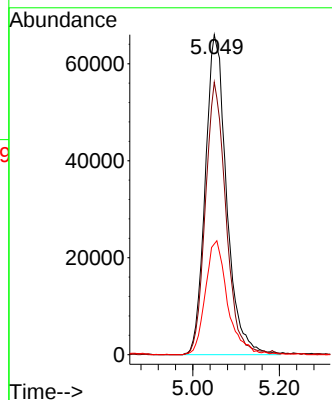
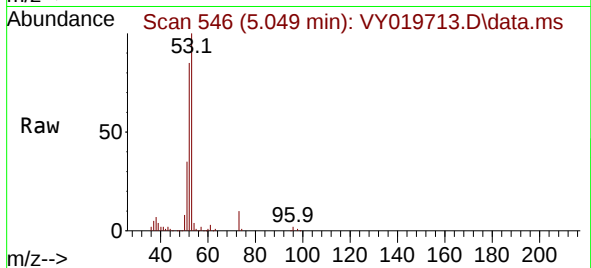




#15
Acrylonitrile
Concen: 337.037 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

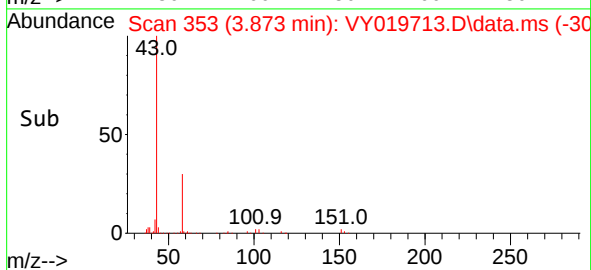
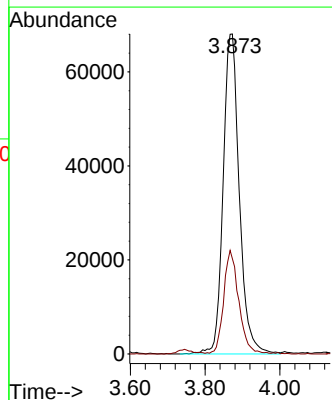
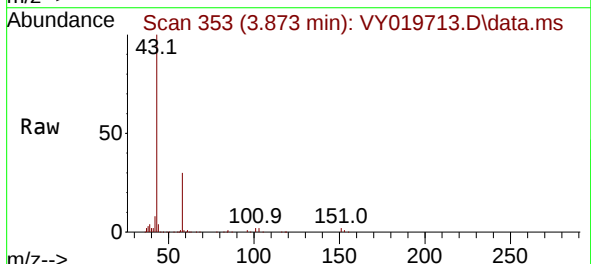
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 225819
Ion Ratio Lower Upper
53 100
52 82.0 64.7 97.1
51 37.3 28.4 42.6



#16
Acetone
Concen: 298.772 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion: 43 Resp: 204589
Ion Ratio Lower Upper
43 100
58 29.7 31.7 47.5#

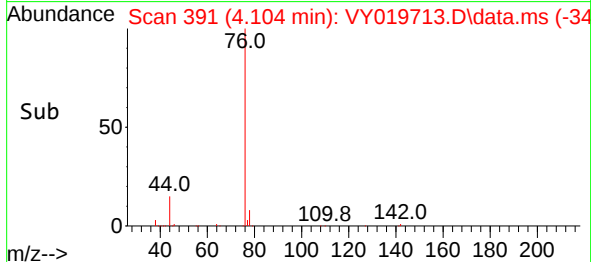
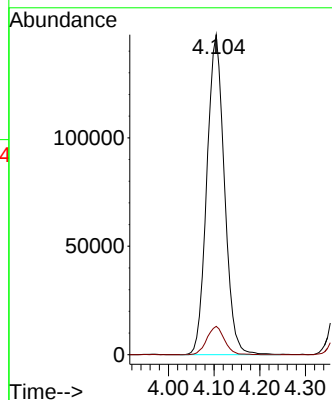
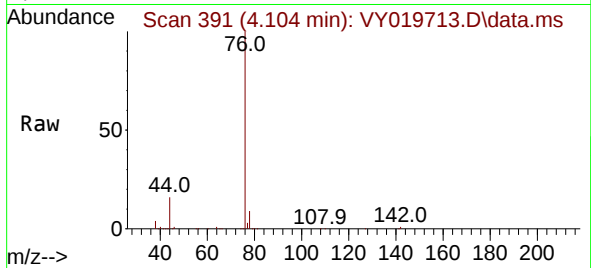




#17
Carbon Disulfide
Concen: 52.910 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

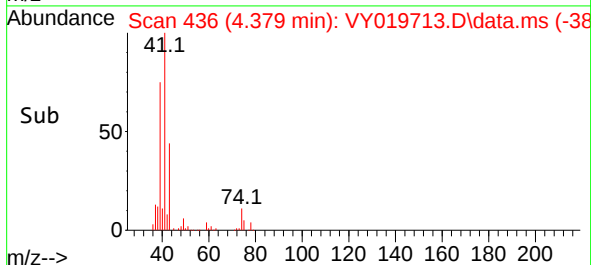
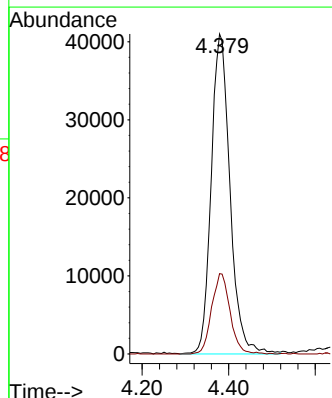
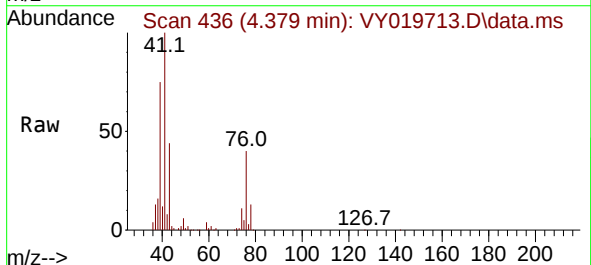
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 393700
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 66.626 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion: 43 Resp: 123812
Ion Ratio Lower Upper
43 100
74 24.4 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 65.448 ug/l

RT: 5.104 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

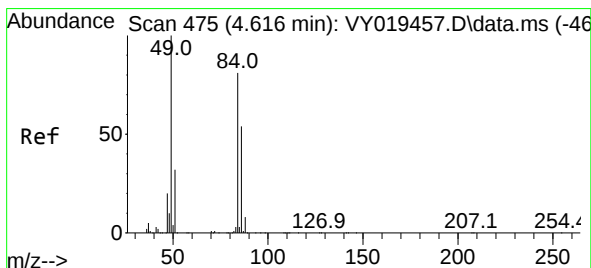
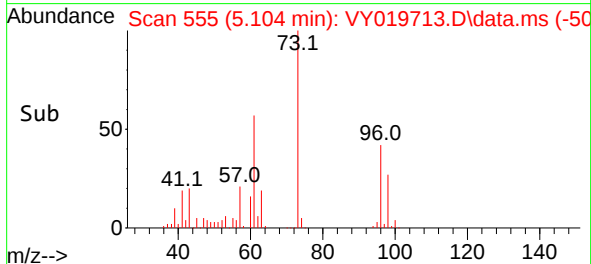
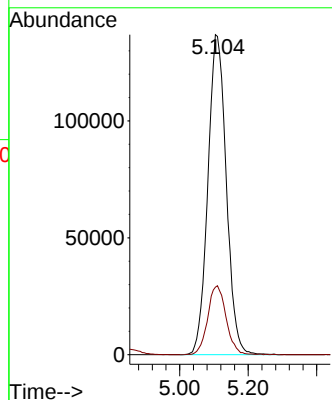
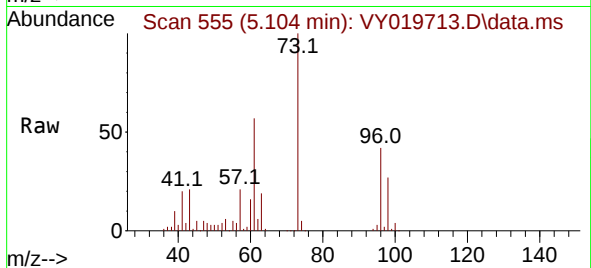
ClientSampleId :

Tgt Ion: 73 Resp: 510498

Ion Ratio Lower Upper

73 100

57 21.1 17.3 25.9



#20

Methylene Chloride

Concen: 61.510 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Tgt Ion: 84 Resp: 192088

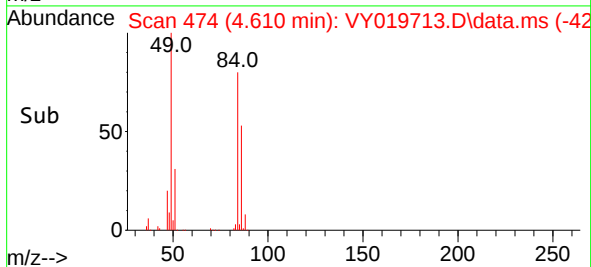
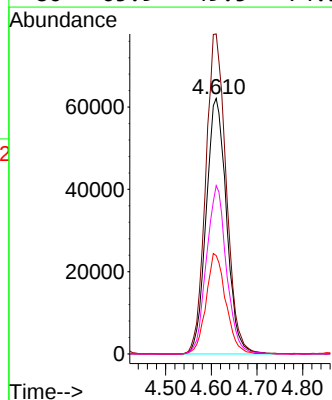
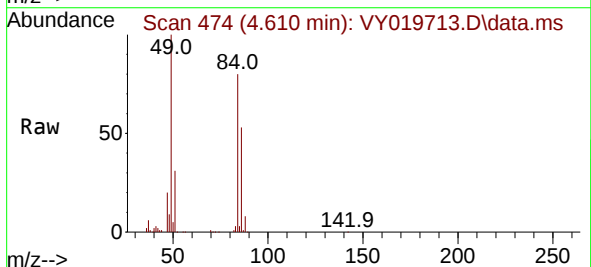
Ion Ratio Lower Upper

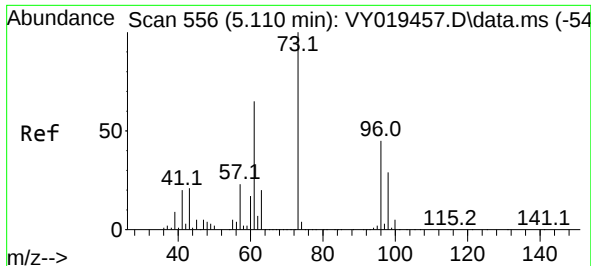
84 100

49 125.3 84.4 126.6

51 38.6 26.0 39.0

86 65.9 49.5 74.3

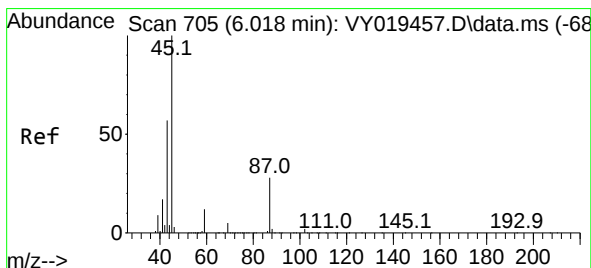
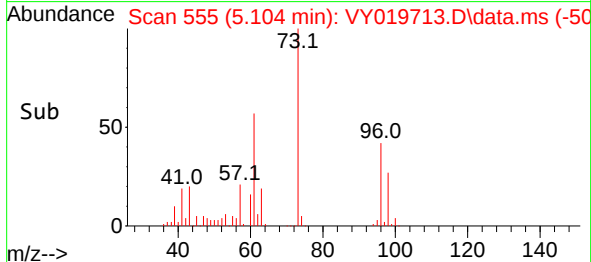
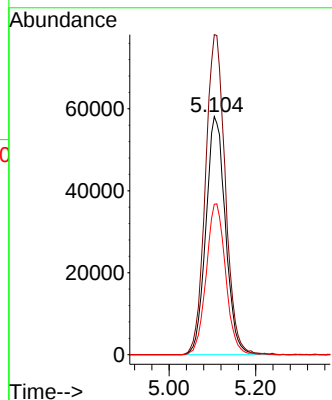
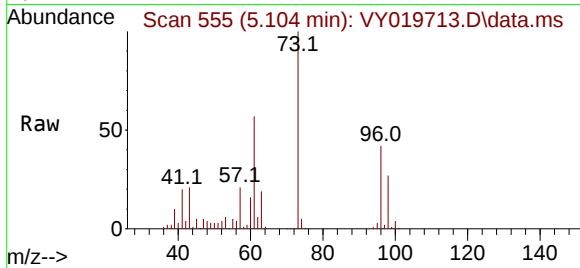




#21
trans-1,2-Dichloroethene
Concen: 60.294 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

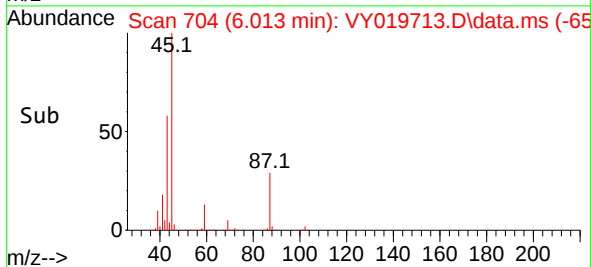
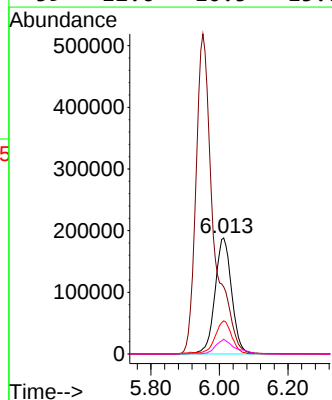
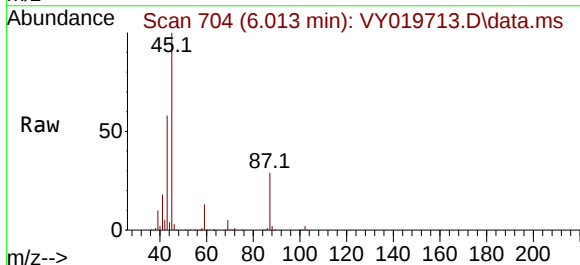
Instrument :
MSVOA_Y
ClientSampleId :

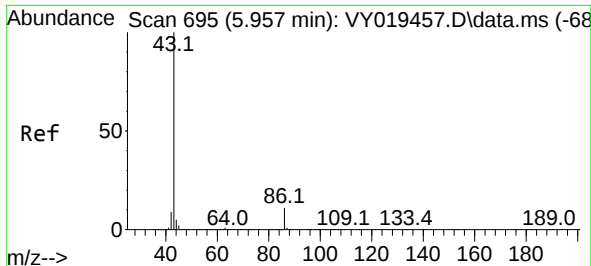
Tgt Ion: 96 Resp: 182006
Ion Ratio Lower Upper
96 100
61 134.4 97.5 146.3
98 63.2 50.5 75.7



#22
Diisopropyl ether
Concen: 62.630 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion: 45 Resp: 635182
Ion Ratio Lower Upper
45 100
43 57.5 42.2 63.2
87 28.6 25.0 37.6
59 12.6 10.5 15.7

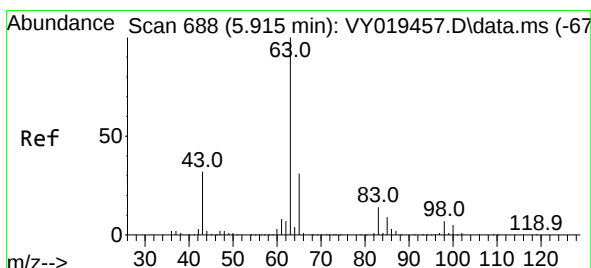
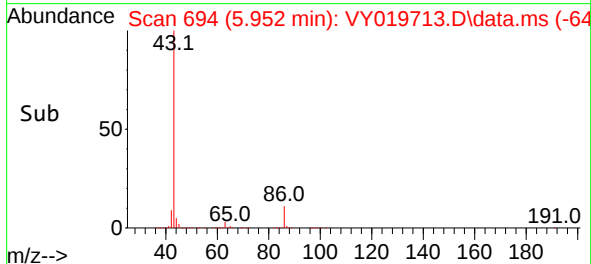
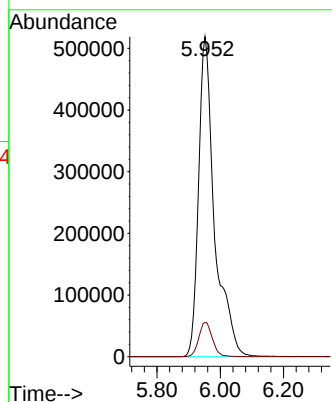
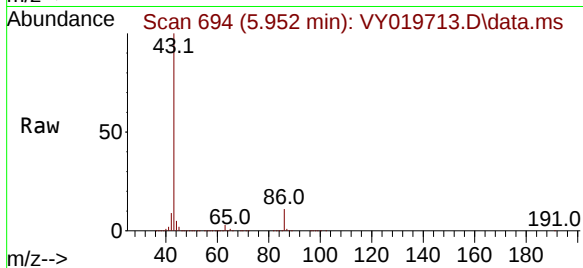




#23
 Vinyl Acetate
 Concen: 314.878 ug/l
 RT: 5.952 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY019713.D
 Acq: 26 Sep 2024 16:30

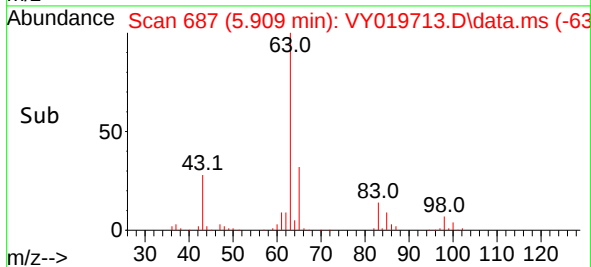
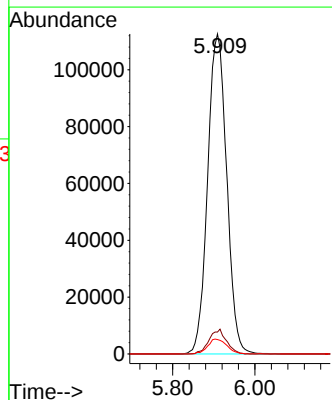
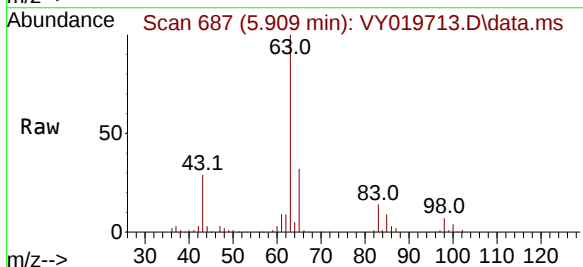
Instrument :
 MSVOA_Y
 ClientSampleId :

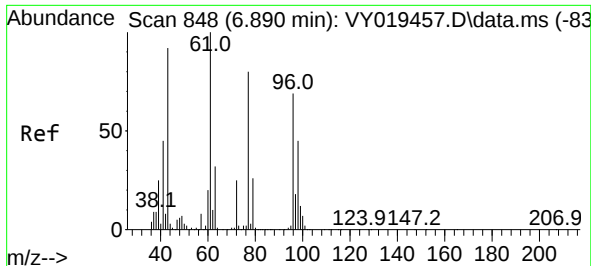
Tgt Ion: 43 Resp: 1824066
 Ion Ratio Lower Upper
 43 100
 86 10.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 63.643 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019713.D
 Acq: 26 Sep 2024 16:30

Tgt Ion: 63 Resp: 362193
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 317.145 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

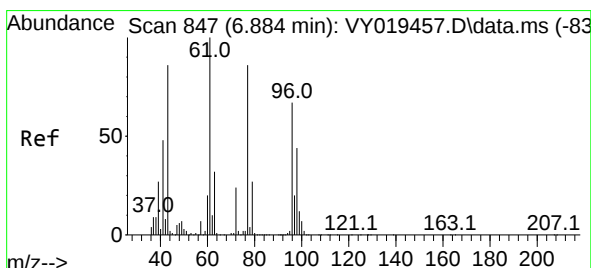
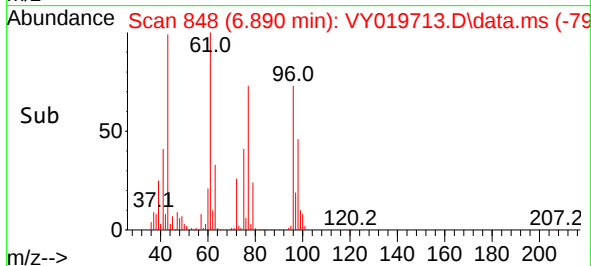
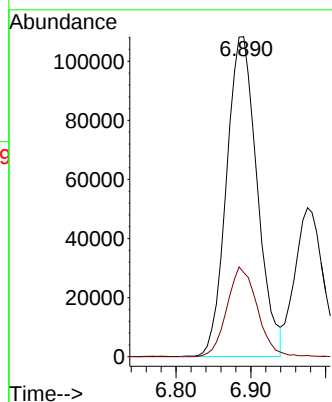
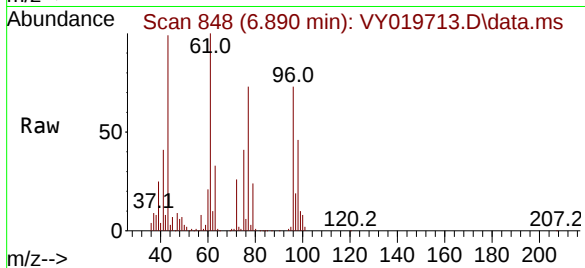
ClientSampleId :

Tgt Ion: 43 Resp: 308871

Ion Ratio Lower Upper

43 100

72 26.3 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 58.101 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019713.D

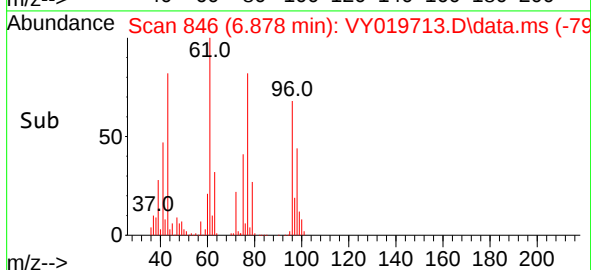
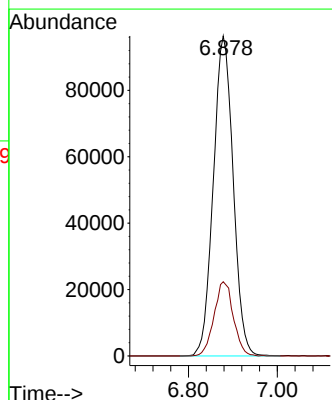
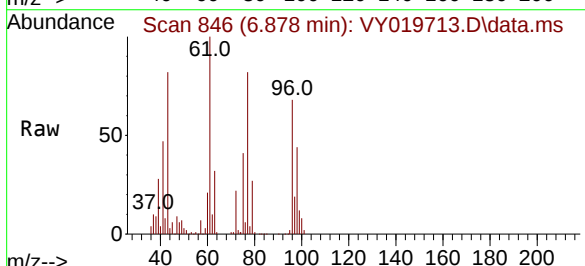
Acq: 26 Sep 2024 16:30

Tgt Ion: 77 Resp: 298261

Ion Ratio Lower Upper

77 100

97 22.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 63.593 ug/l

RT: 6.884 min Scan# 848

Delta R.T. -0.006 min

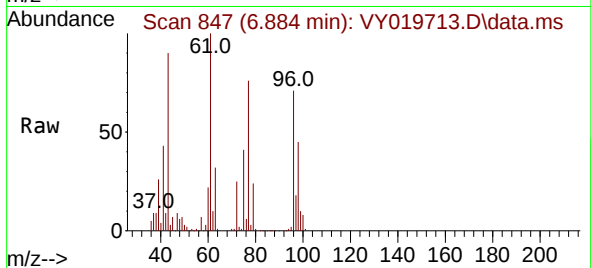
Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :



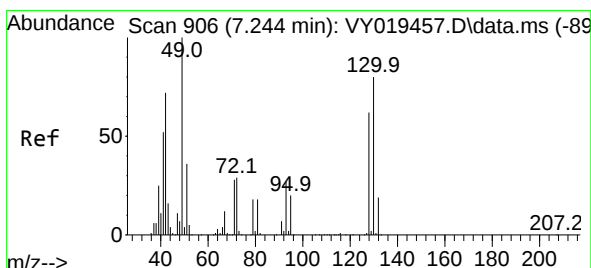
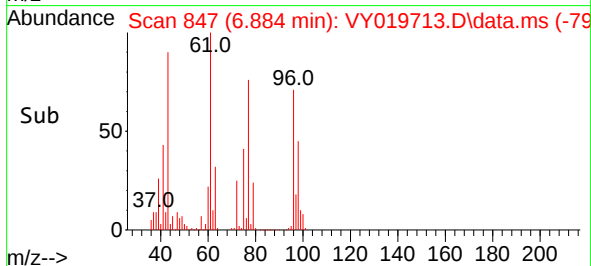
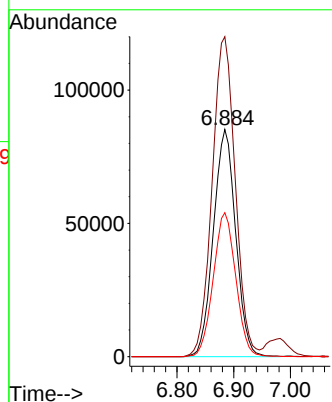
Tgt Ion: 96 Resp: 233182

Ion Ratio Lower Upper

96 100

61 145.7 0.0 256.2

98 63.9 0.0 130.0



#28

Bromochloromethane

Concen: 57.589 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

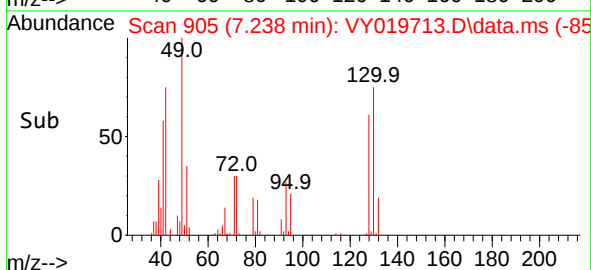
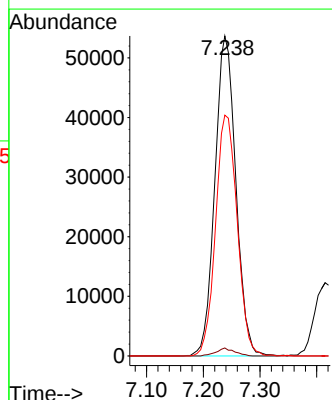
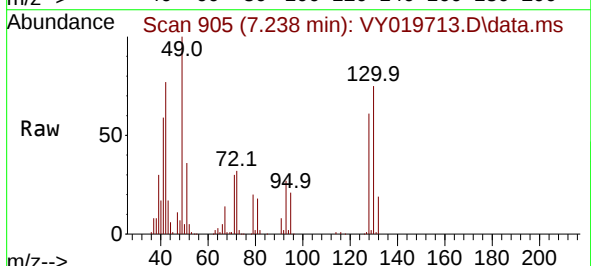
Tgt Ion: 49 Resp: 137898

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 77.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 331.088 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

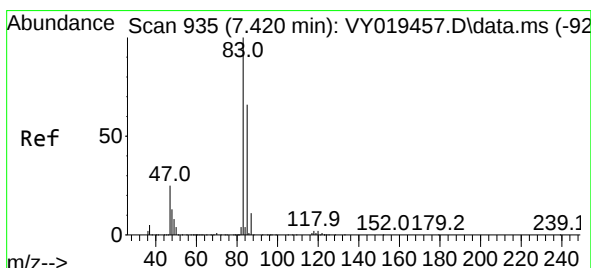
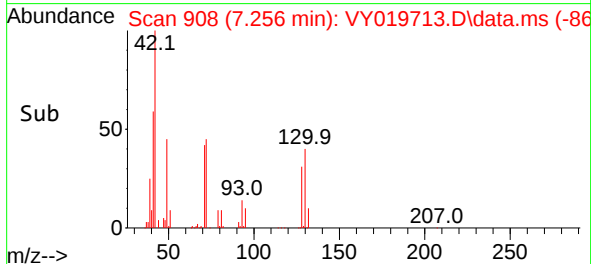
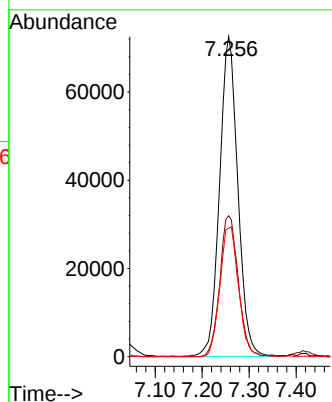
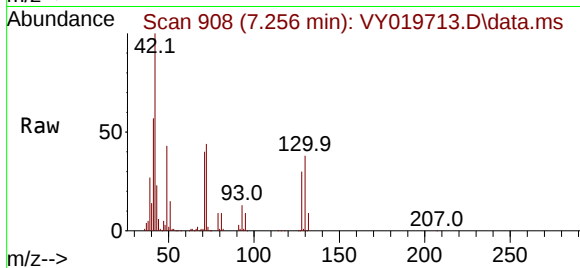
Tgt Ion: 42 Resp: 196055

Ion Ratio Lower Upper

42 100

72 44.6 43.0 64.4

71 41.5 40.8 61.2



#30

Chloroform

Concen: 66.293 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY019713.D

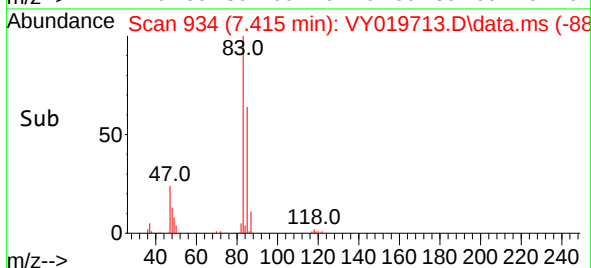
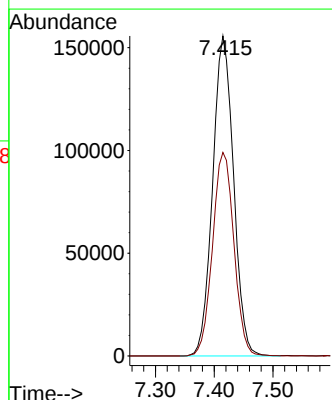
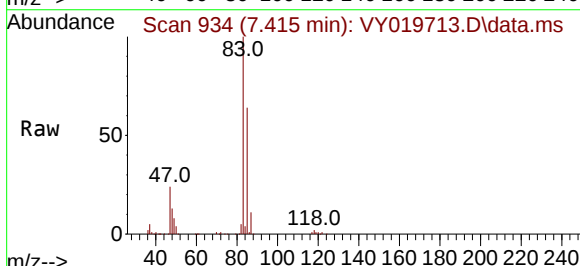
Acq: 26 Sep 2024 16:30

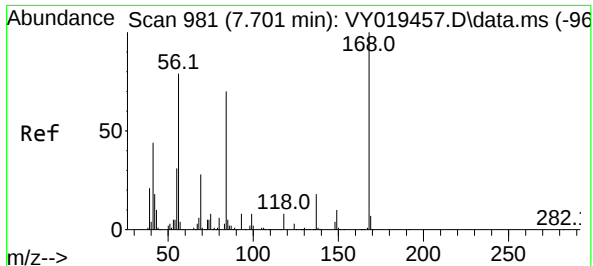
Tgt Ion: 83 Resp: 385137

Ion Ratio Lower Upper

83 100

85 63.6 52.2 78.4

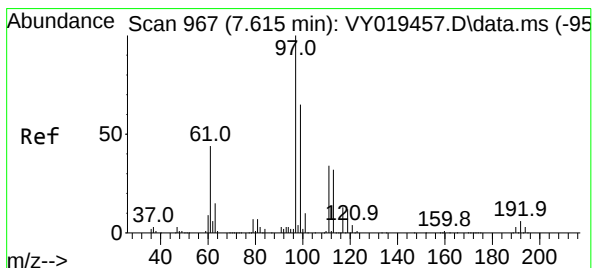
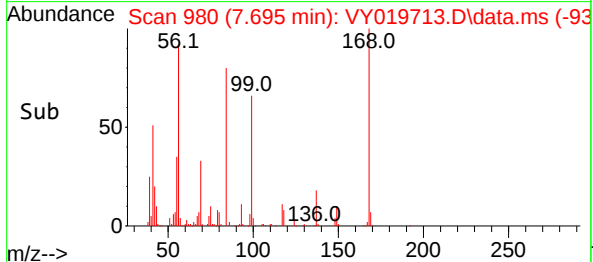
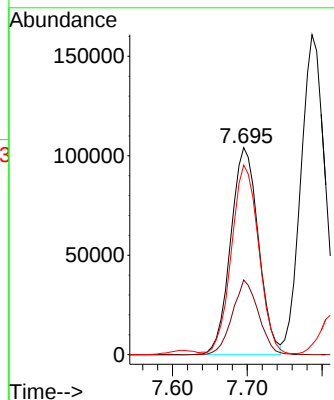
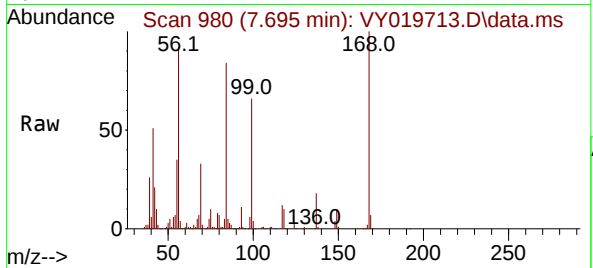




#31
Cyclohexane
Concen: 52.232 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

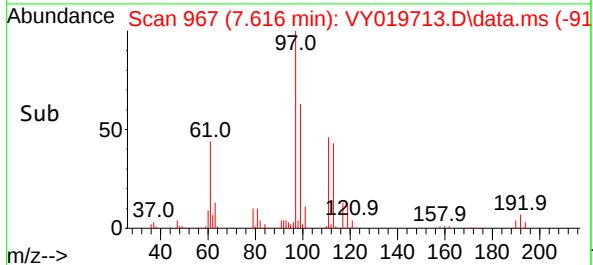
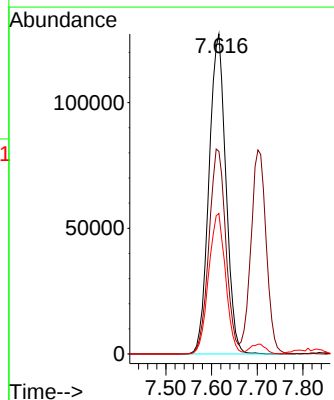
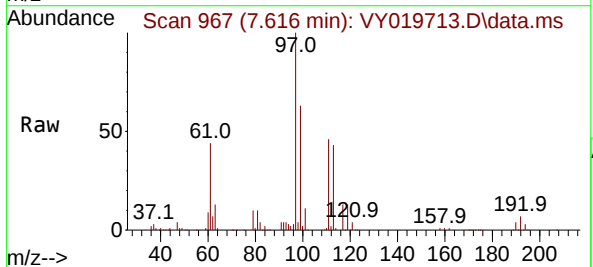
Instrument :
MSVOA_Y
ClientSampleId :

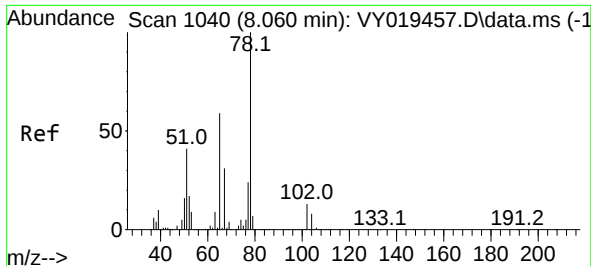
Tgt Ion: 56 Resp: 268685
Ion Ratio Lower Upper
56 100
69 36.1 28.7 43.1
84 89.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 62.606 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion: 97 Resp: 326008
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 44.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 65.641 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

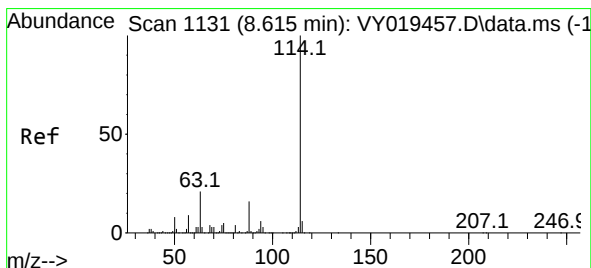
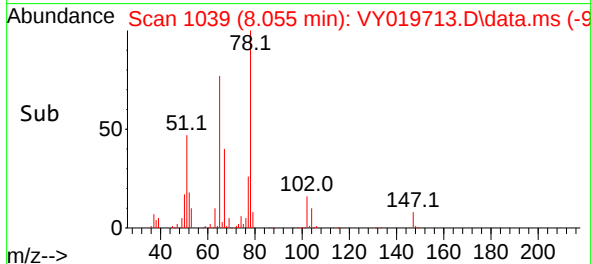
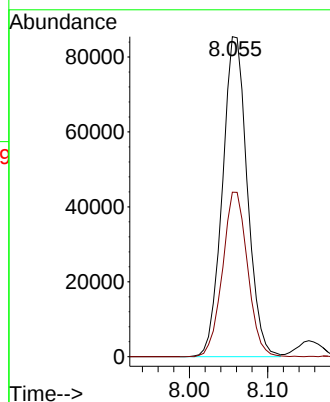
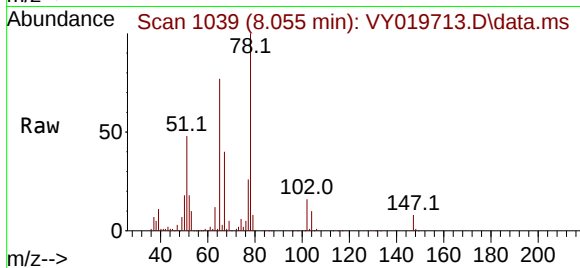
ClientSampleId :

Tgt Ion: 65 Resp: 188675

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

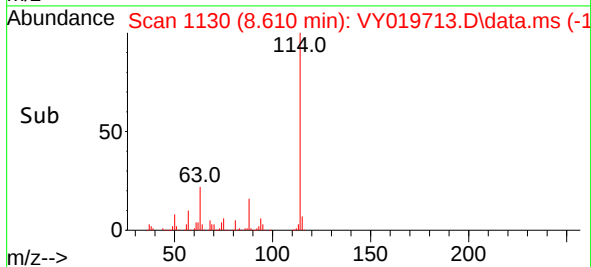
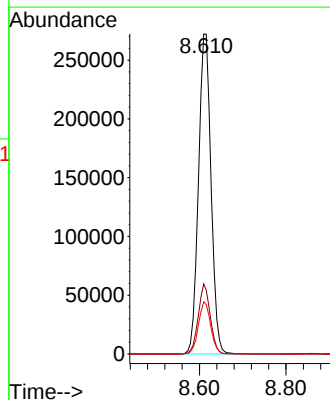
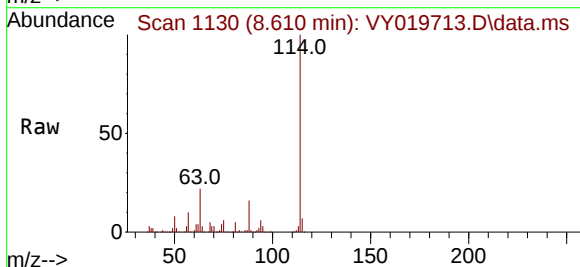
Tgt Ion: 114 Resp: 547034

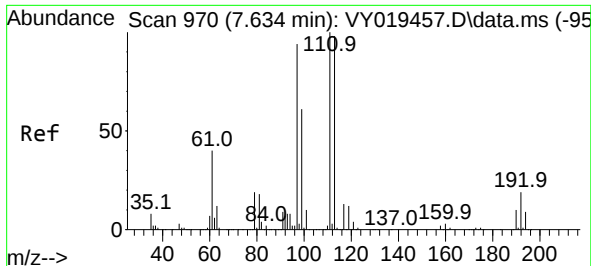
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

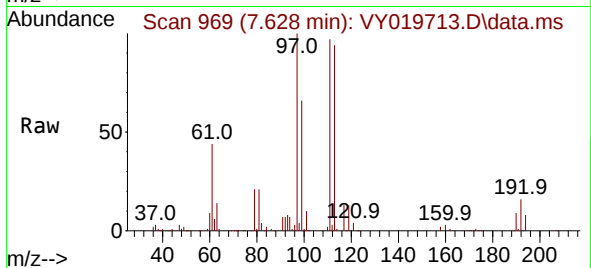
88 16.3 0.0 27.2



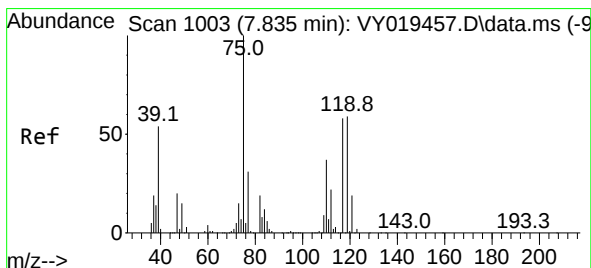
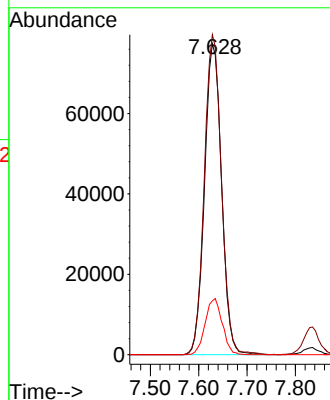
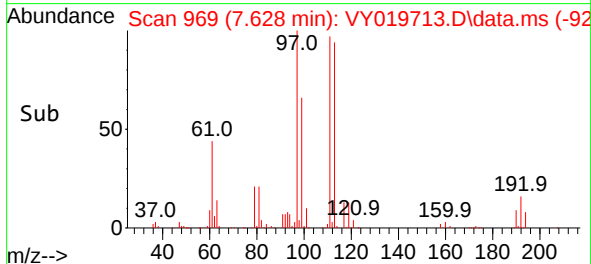


#35
 Dibromofluoromethane
 Concen: 61.057 ug/l
 RT: 7.628 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY019713.D
 Acq: 26 Sep 2024 16:30

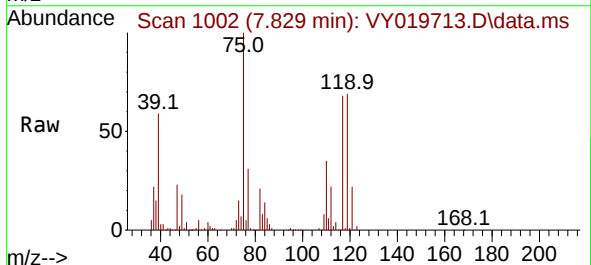
Instrument :
 MSVOA_Y
 ClientSampleId :



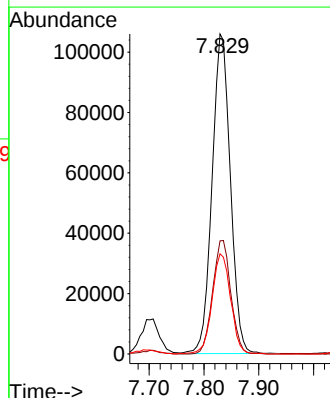
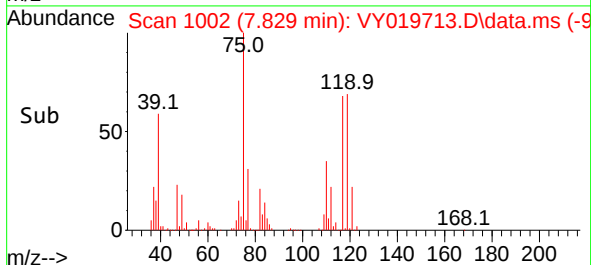
Tgt Ion:113 Resp: 189373
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.4
 192 18.1 15.9 23.9

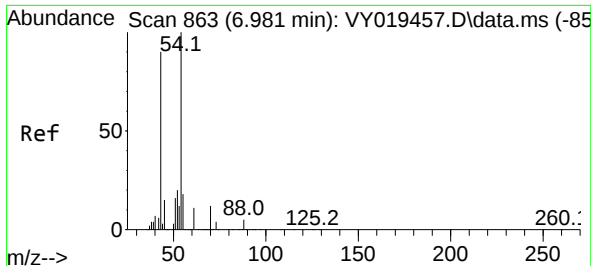


#36
 1,1-Dichloropropene
 Concen: 58.136 ug/l
 RT: 7.829 min Scan# 1002
 Delta R.T. -0.006 min
 Lab File: VY019713.D
 Acq: 26 Sep 2024 16:30



Tgt Ion: 75 Resp: 245357
 Ion Ratio Lower Upper
 75 100
 110 35.2 19.0 57.0
 77 31.8 25.3 37.9





#37

Ethyl Acetate

Concen: 63.035 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.006 min

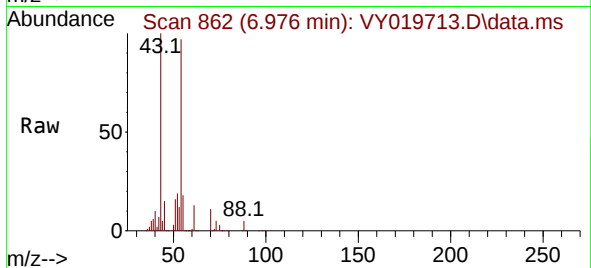
Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :



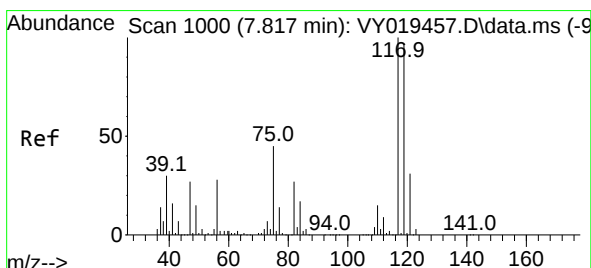
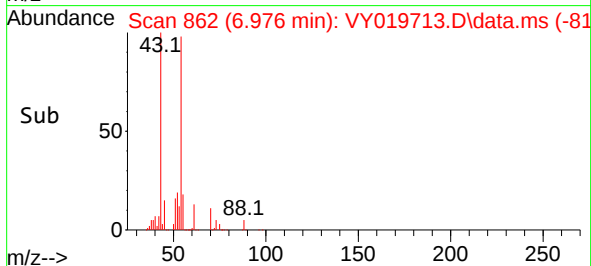
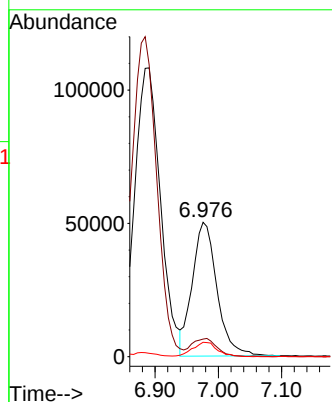
Tgt Ion: 43 Resp: 136308

Ion Ratio Lower Upper

43 100

61 13.4 12.6 19.0

70 10.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 58.936 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

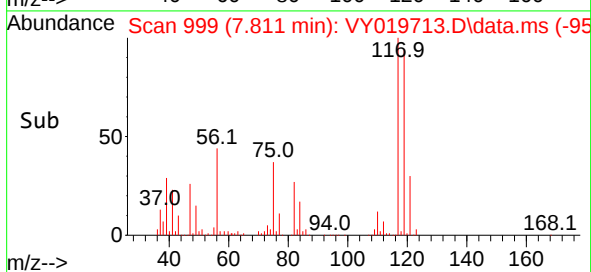
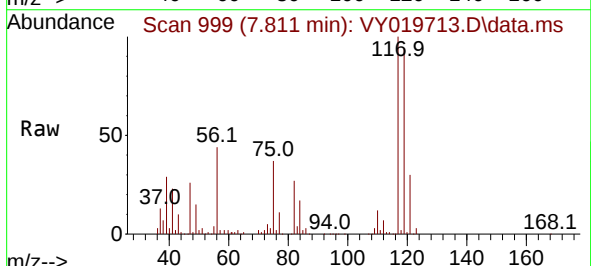
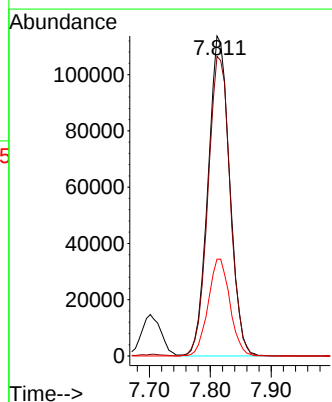
Tgt Ion: 117 Resp: 280491

Ion Ratio Lower Upper

117 100

119 93.7 75.8 113.6

121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 53.568 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

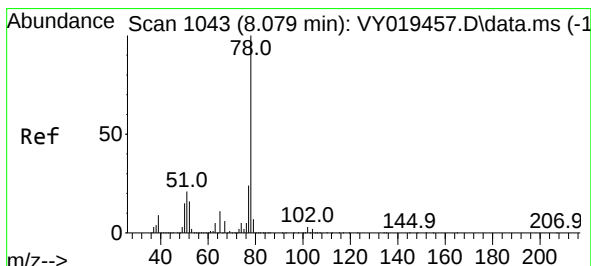
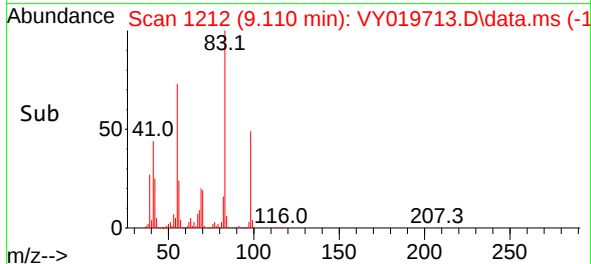
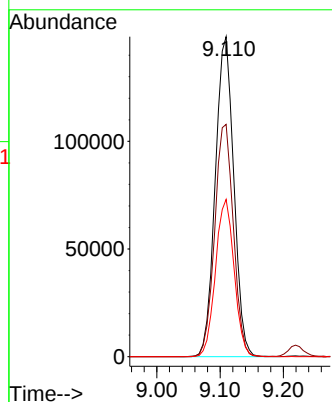
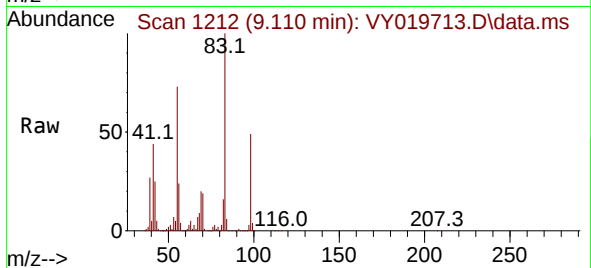
Tgt Ion: 83 Resp: 300858

Ion Ratio Lower Upper

83 100

55 72.6 51.5 77.3

98 49.2 40.5 60.7



#40

Benzene

Concen: 59.962 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019713.D

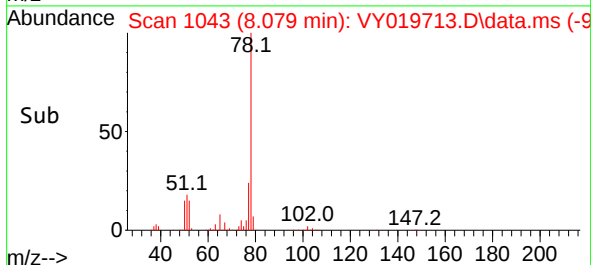
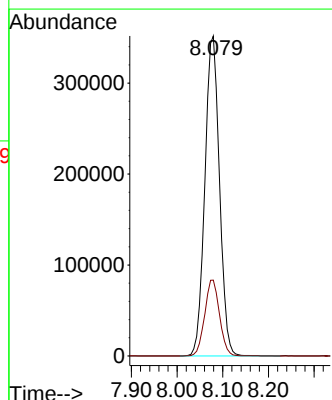
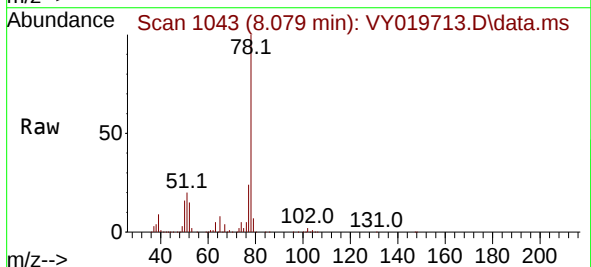
Acq: 26 Sep 2024 16:30

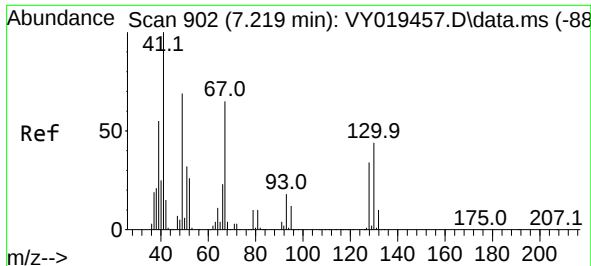
Tgt Ion: 78 Resp: 779444

Ion Ratio Lower Upper

78 100

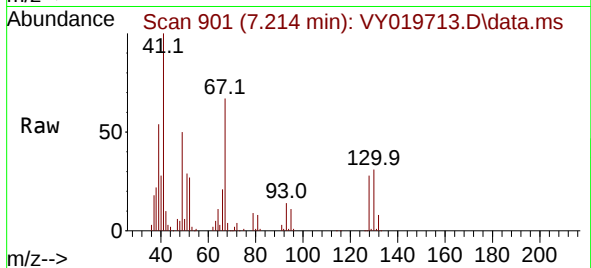
77 23.7 19.5 29.3



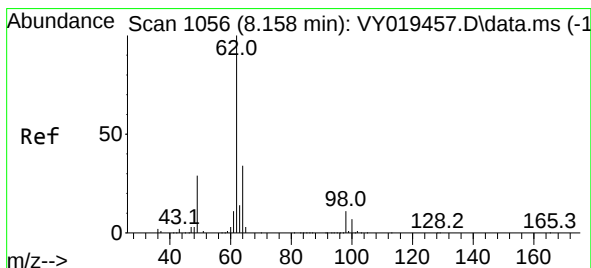
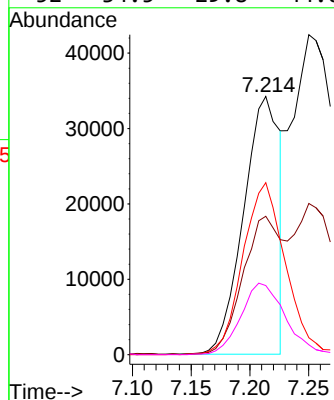
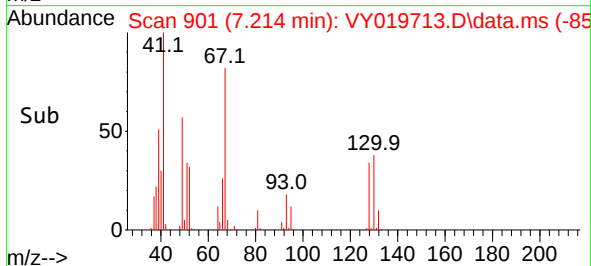


#41
Methacrylonitrile
Concen: 58.060 ug/l
RT: 7.214 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

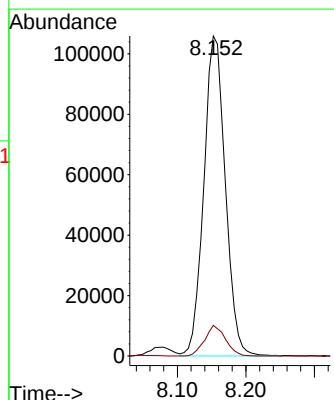
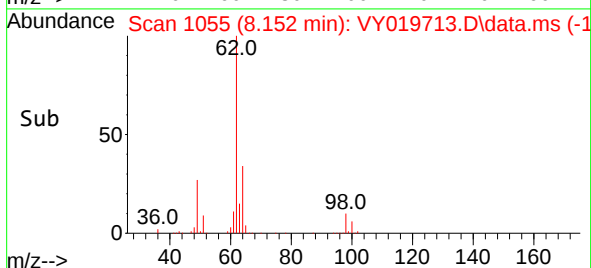
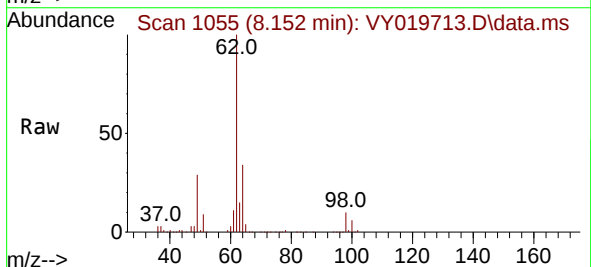


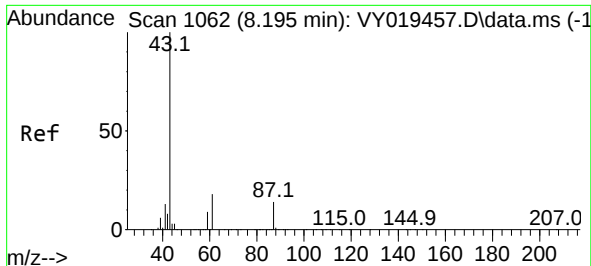
Tgt Ion:	41	Resp:	73186
Ion	Ratio	Lower	Upper
41	100		
39	61.8	48.0	72.0
67	79.4	75.1	112.7
52	34.5	29.8	44.6



#42
1,2-Dichloroethane
Concen: 66.168 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion:	62	Resp:	231446
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	22.0

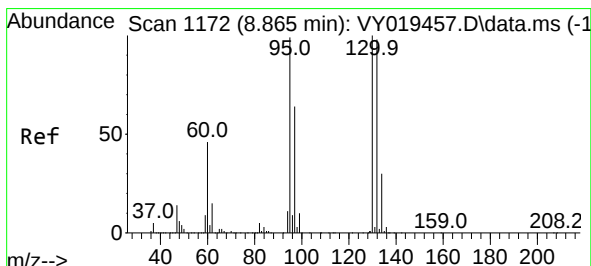
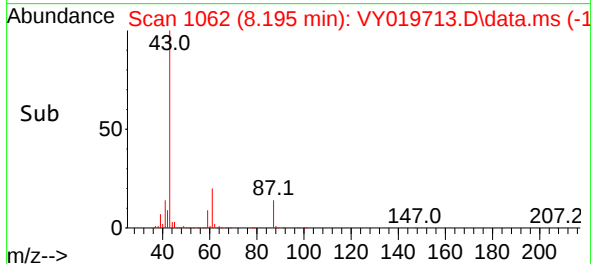
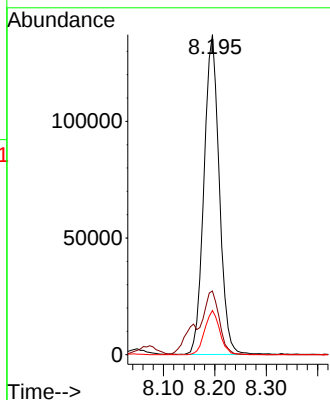
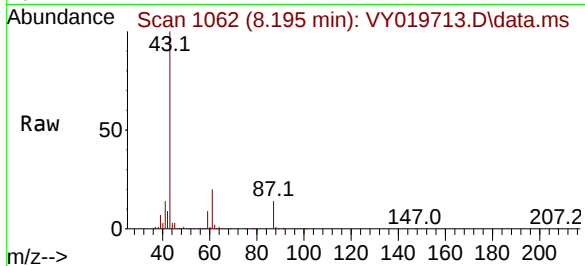




#43
Isopropyl Acetate
Concen: 62.325 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

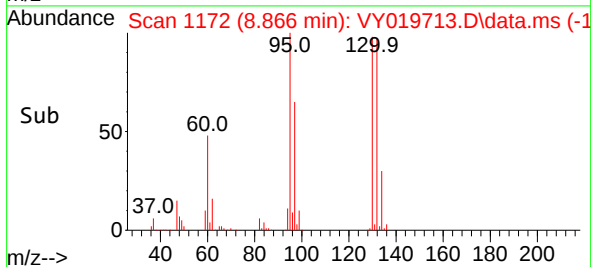
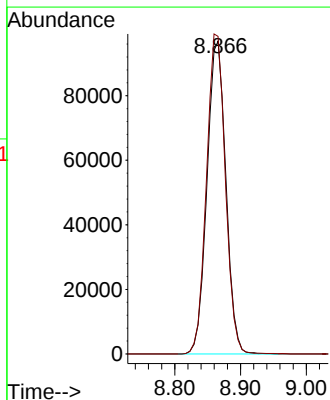
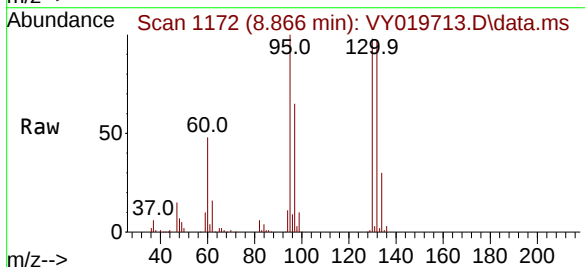
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 283145
Ion Ratio Lower Upper
43 100
61 20.9 27.9 41.9#
87 13.7 13.1 19.7



#44
Trichloroethene
Concen: 57.897 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion:130 Resp: 193553
Ion Ratio Lower Upper
130 100
95 101.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 61.136 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

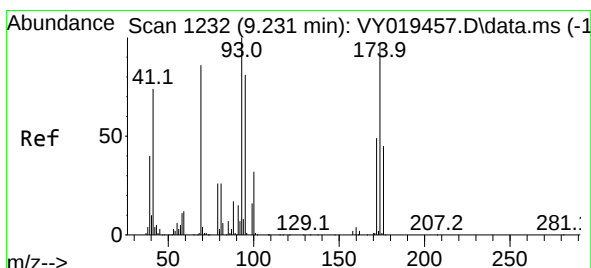
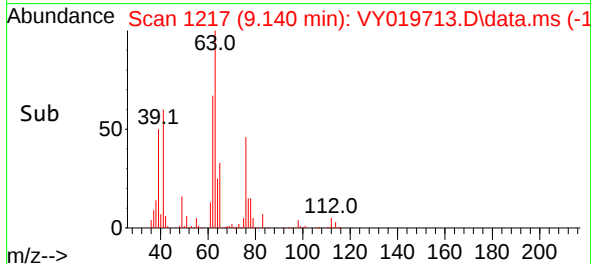
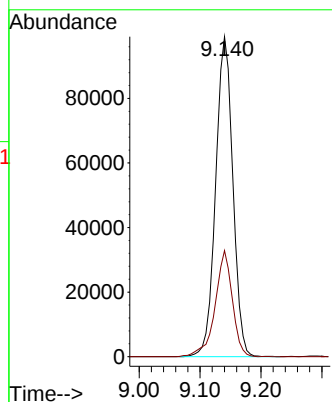
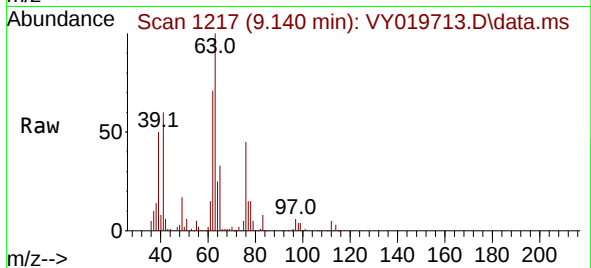
ClientSampleId :

Tgt Ion: 63 Resp: 194284

Ion Ratio Lower Upper

63 100

65 33.2 25.4 38.2



#46

Dibromomethane

Concen: 65.217 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

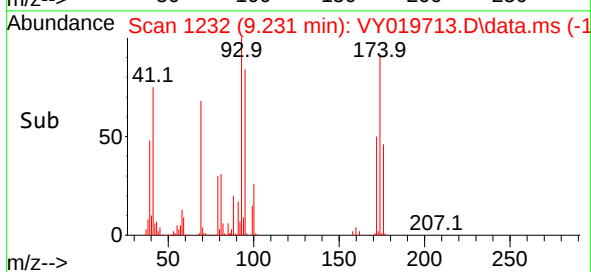
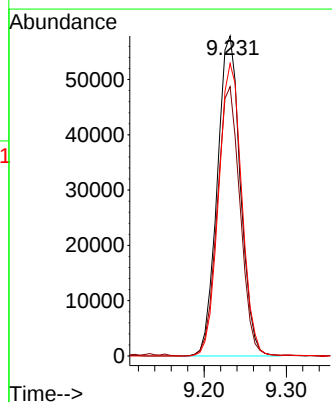
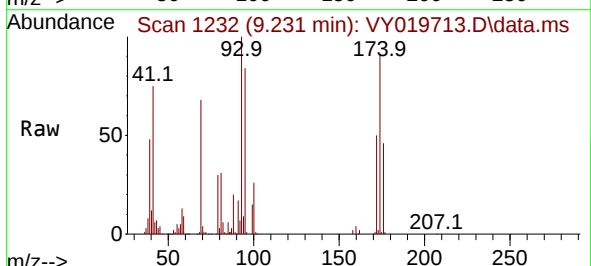
Tgt Ion: 93 Resp: 113337

Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 91.5 80.9 121.3

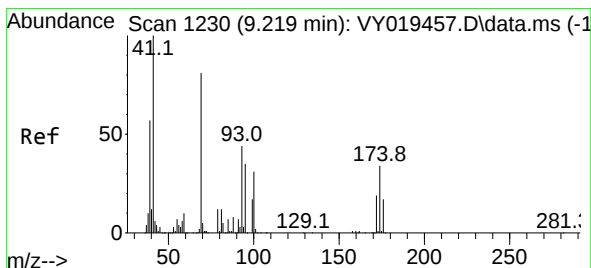
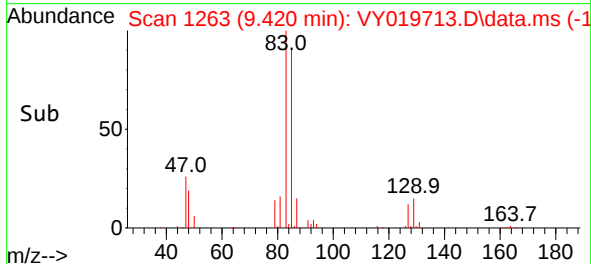
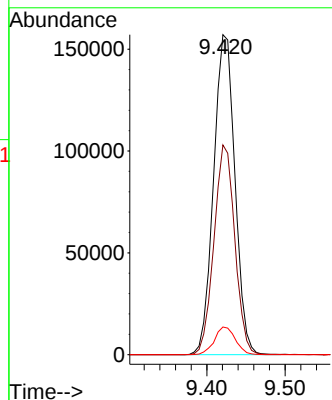
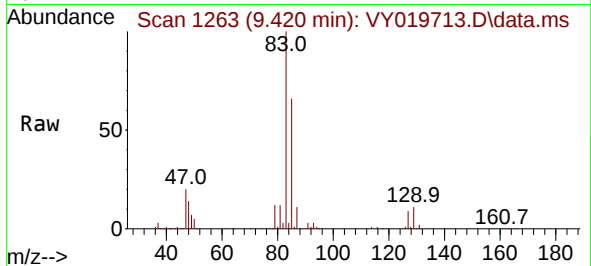




#47
Bromodichloromethane
Concen: 63.788 ug/l
RT: 9.420 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

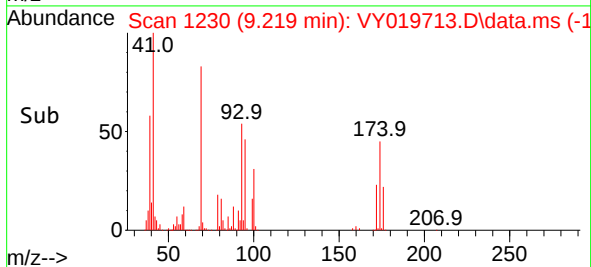
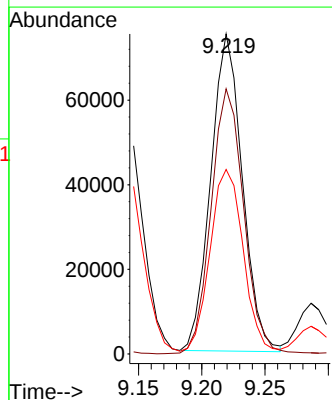
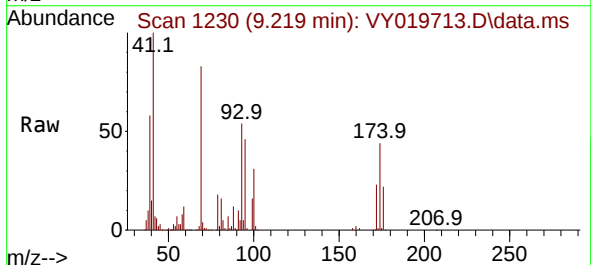
Instrument :
MSVOA_Y
ClientSampleId :

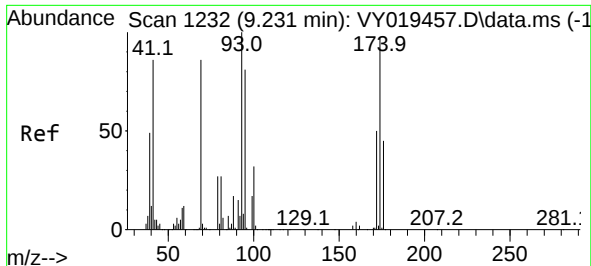
Tgt Ion: 83 Resp: 297984
Ion Ratio Lower Upper
83 100
85 65.5 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 60.721 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion: 41 Resp: 130270
Ion Ratio Lower Upper
41 100
69 87.0 84.1 126.1
39 61.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1319.126 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

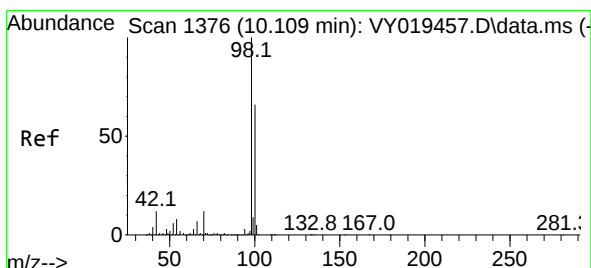
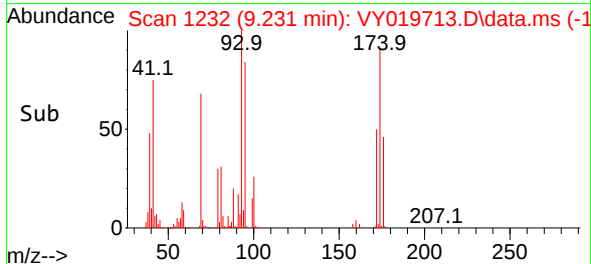
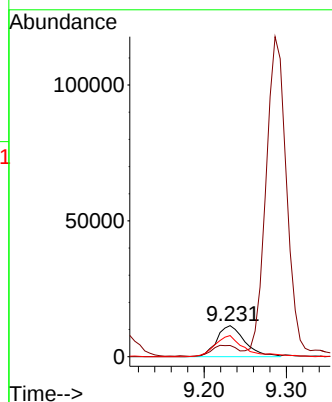
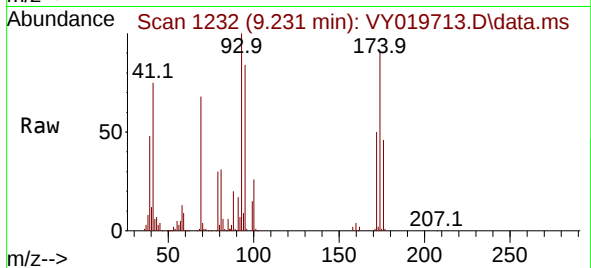
Tgt Ion: 88 Resp: 26987

Ion Ratio Lower Upper

88 100

43 31.6 0.0 0.0#

58 72.9 49.3 73.9



#50

Toluene-d8

Concen: 57.721 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019713.D

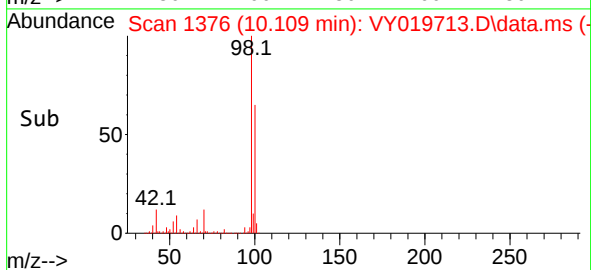
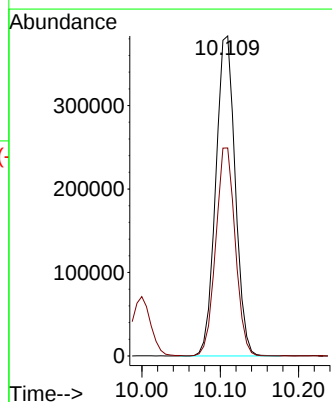
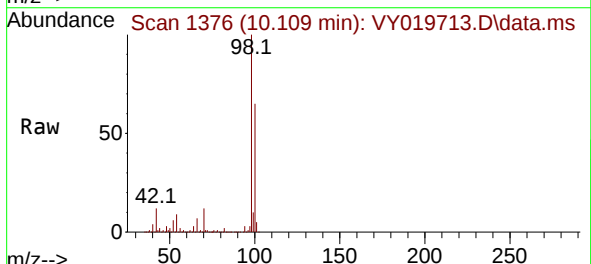
Acq: 26 Sep 2024 16:30

Tgt Ion: 98 Resp: 662178

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 320.944 ug/l

RT: 10.000 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

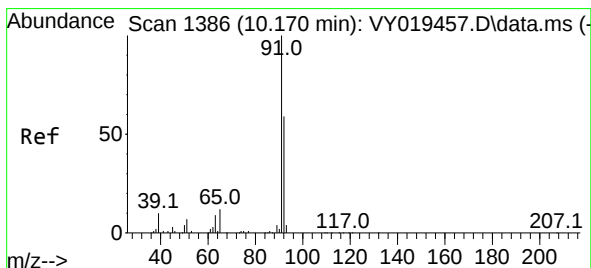
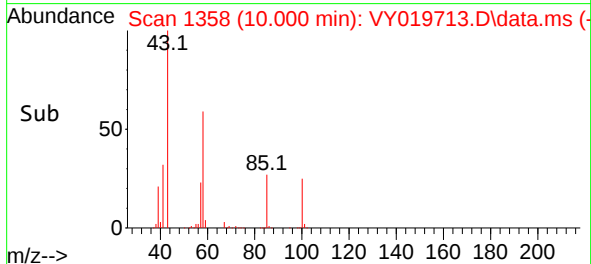
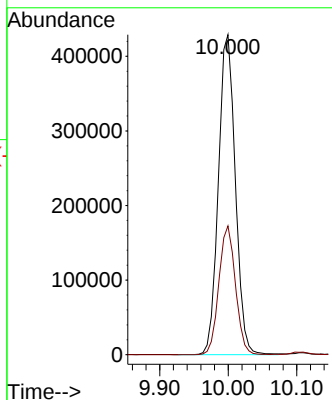
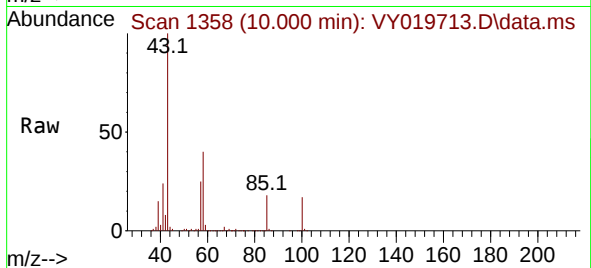
ClientSampleId :

Tgt Ion: 43 Resp: 733540

Ion Ratio Lower Upper

43 100

58 39.5 35.7 53.5



#52

Toluene

Concen: 61.077 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019713.D

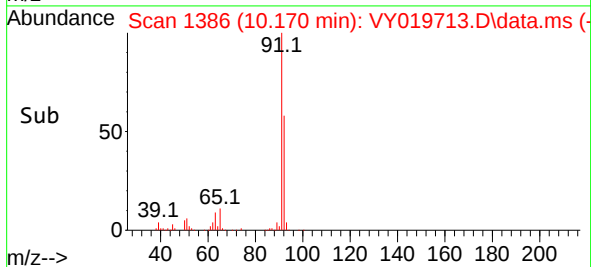
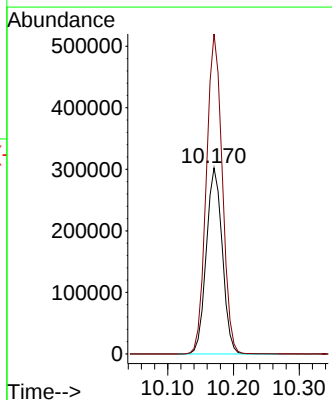
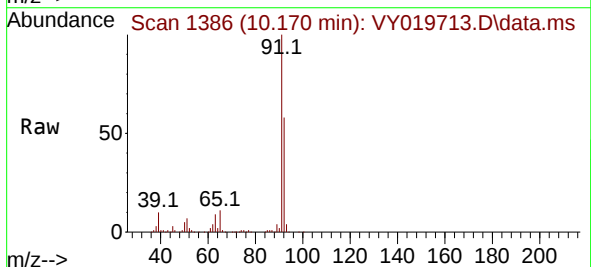
Acq: 26 Sep 2024 16:30

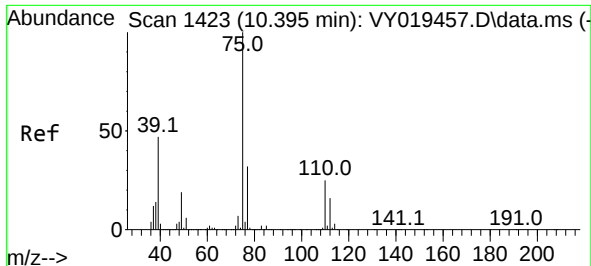
Tgt Ion: 92 Resp: 510611

Ion Ratio Lower Upper

92 100

91 171.4 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 60.549 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

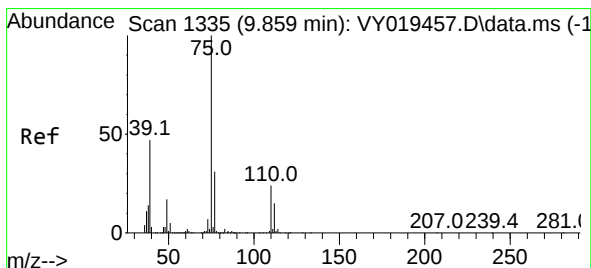
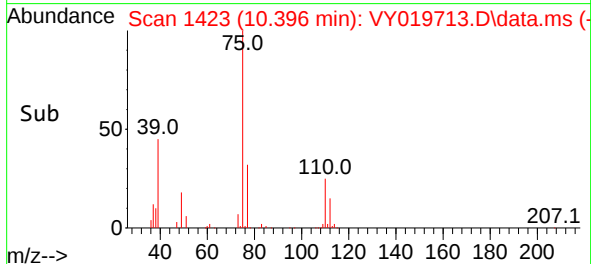
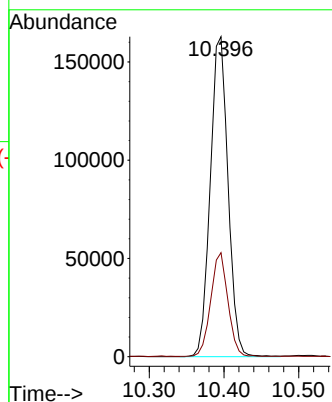
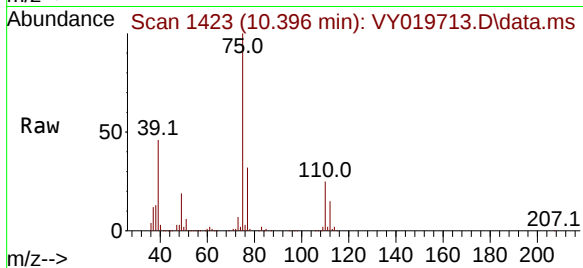
ClientSampleId :

Tgt Ion: 75 Resp: 269632

Ion Ratio Lower Upper

75 100

77 32.4 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 59.684 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

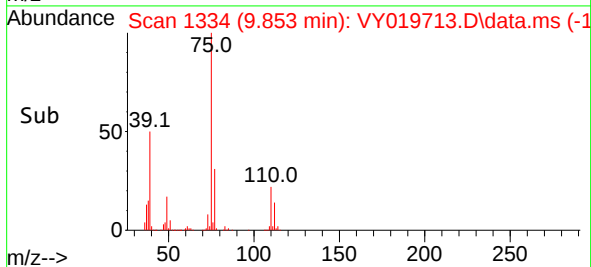
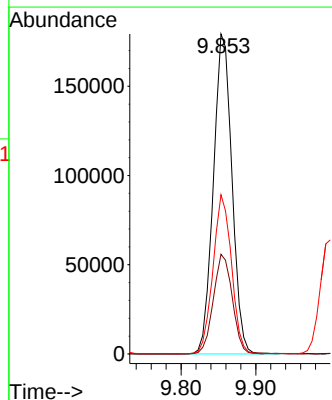
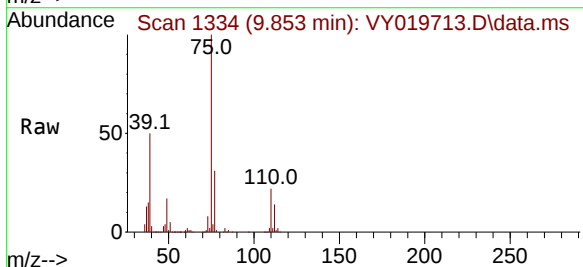
Tgt Ion: 75 Resp: 309481

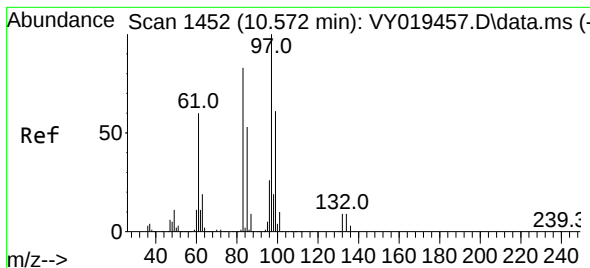
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

39 49.7 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 64.270 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 154242

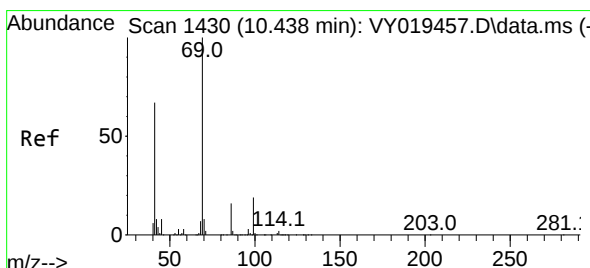
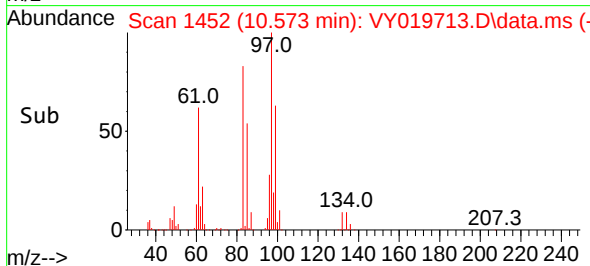
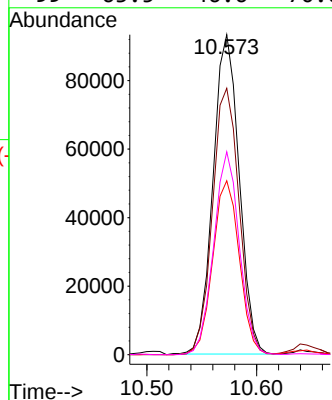
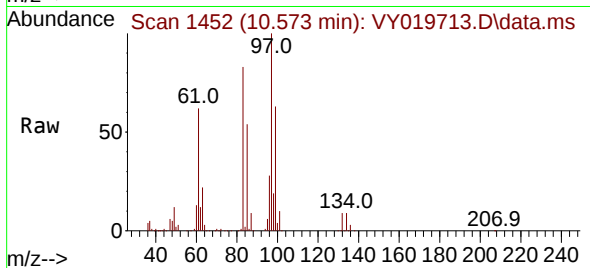
Ion Ratio Lower Upper

97 100

83 83.3 67.5 101.3

85 54.3 42.9 64.3

99 63.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 63.207 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

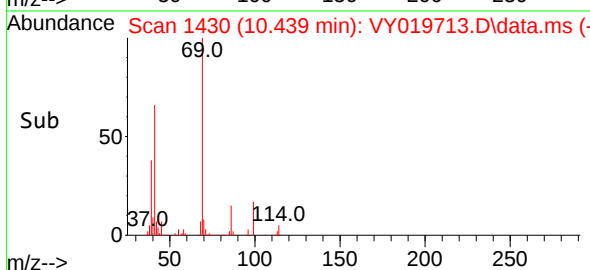
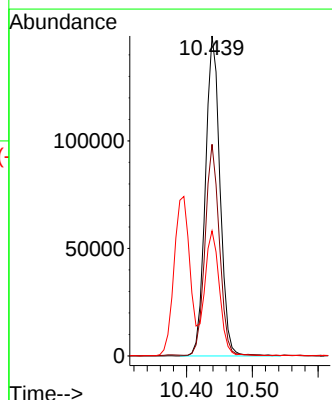
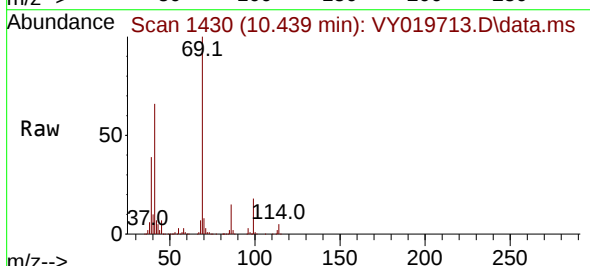
Tgt Ion: 69 Resp: 230426

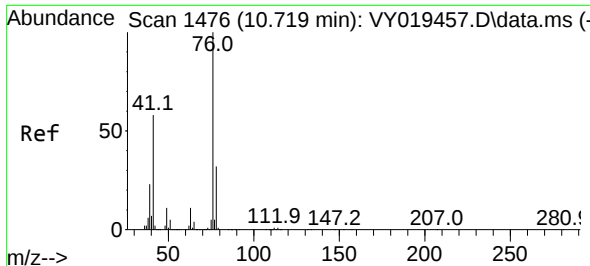
Ion Ratio Lower Upper

69 100

41 64.7 42.3 63.5#

39 39.5 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 63.254 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

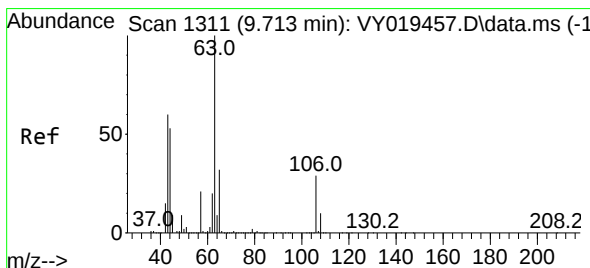
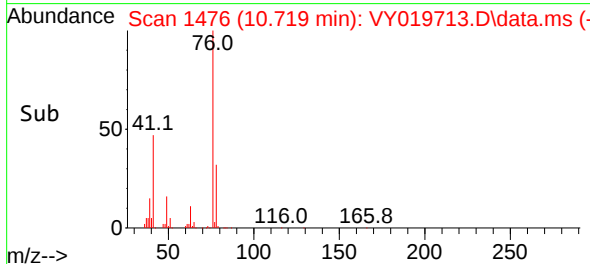
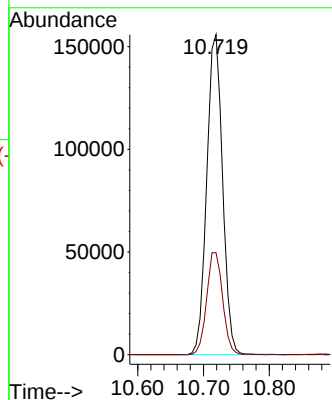
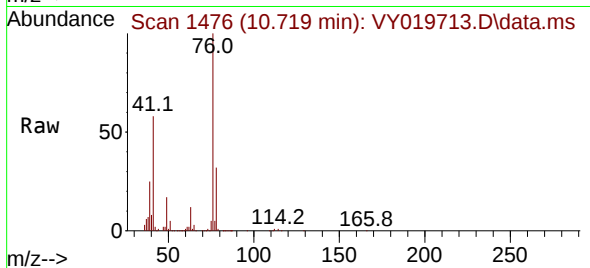
ClientSampleId :

Tgt Ion: 76 Resp: 260939

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 303.250 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019713.D

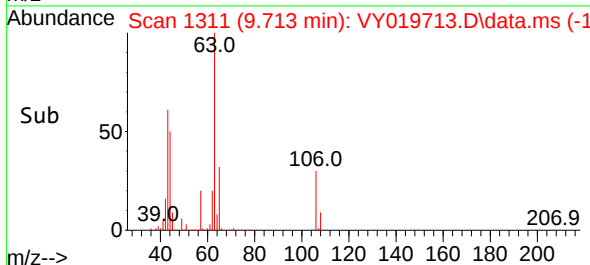
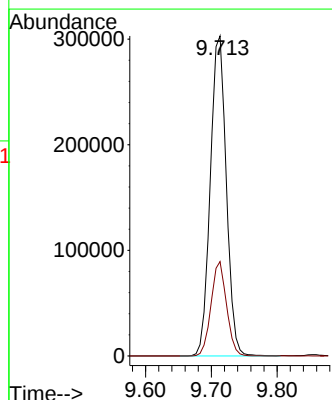
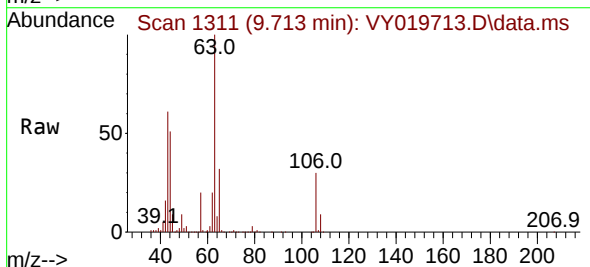
Acq: 26 Sep 2024 16:30

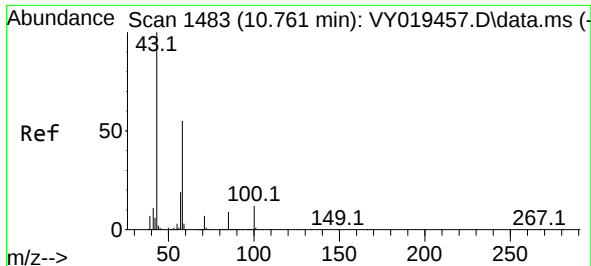
Tgt Ion: 63 Resp: 513108

Ion Ratio Lower Upper

63 100

106 28.5 23.7 35.5





#59

2-Hexanone

Concen: 299.389 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

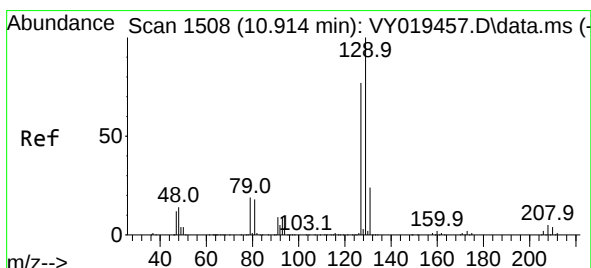
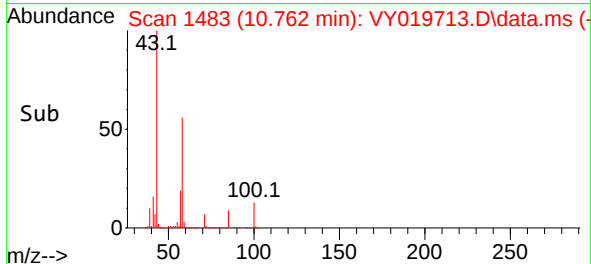
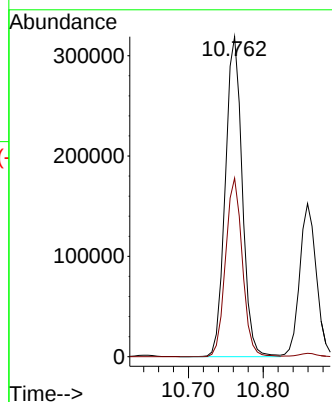
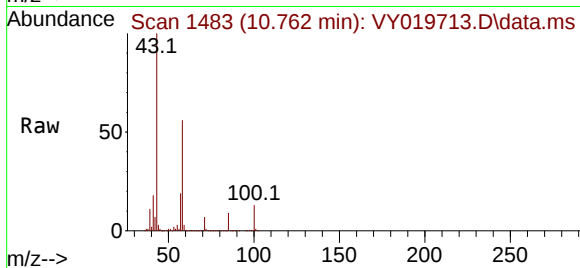
ClientSampleId :

Tgt Ion: 43 Resp: 501664

Ion Ratio Lower Upper

43 100

58 55.4 31.4 94.0



#60

Dibromochloromethane

Concen: 64.294 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY019713.D

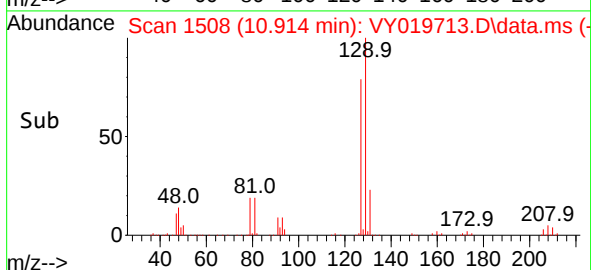
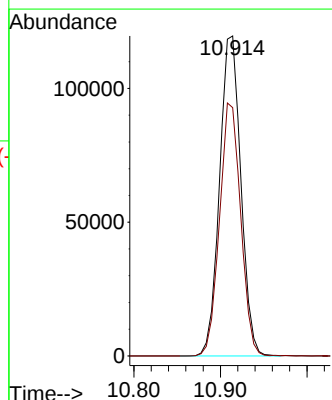
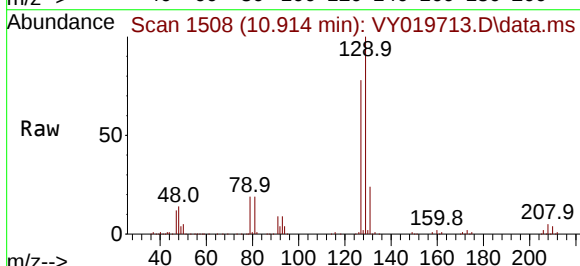
Acq: 26 Sep 2024 16:30

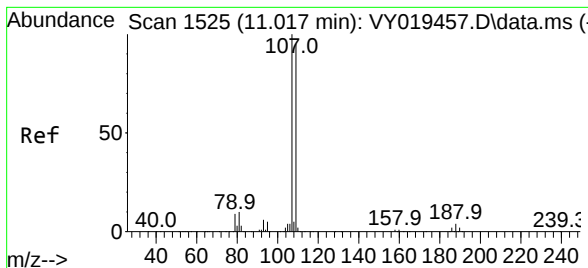
Tgt Ion: 129 Resp: 204111

Ion Ratio Lower Upper

129 100

127 78.5 39.0 117.0

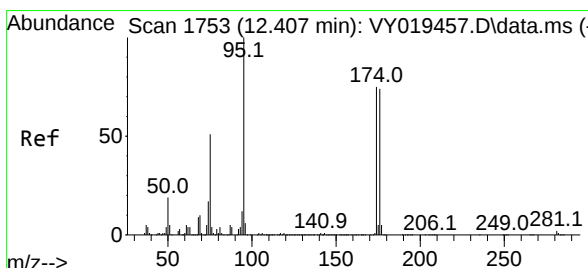
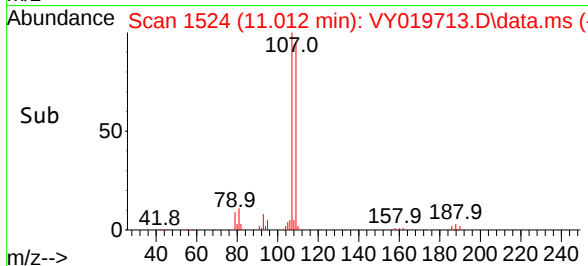
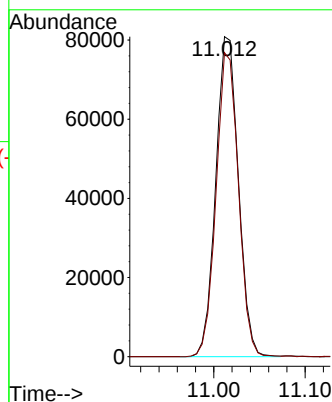
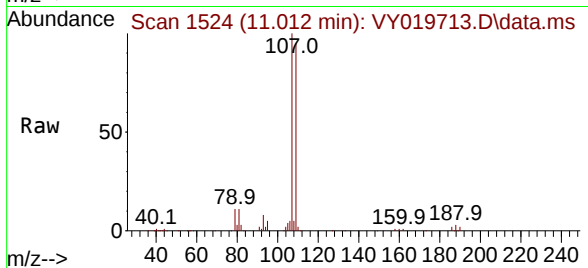




#61
1,2-Dibromoethane
Concen: 62.258 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

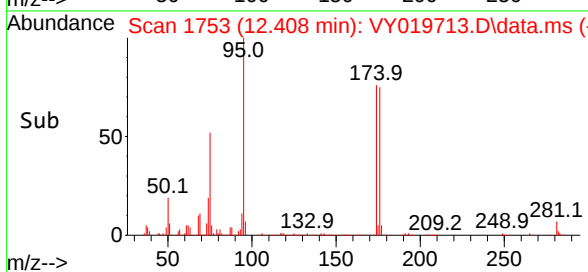
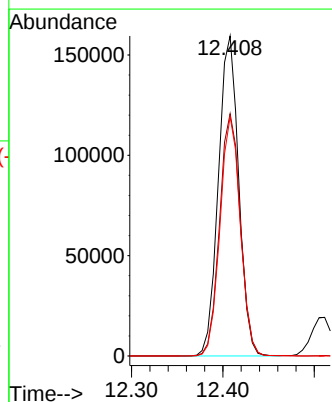
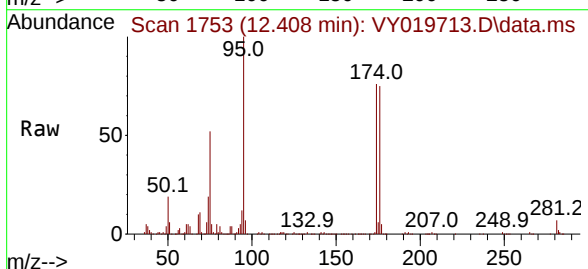
Instrument :
MSVOA_Y
ClientSampleId :

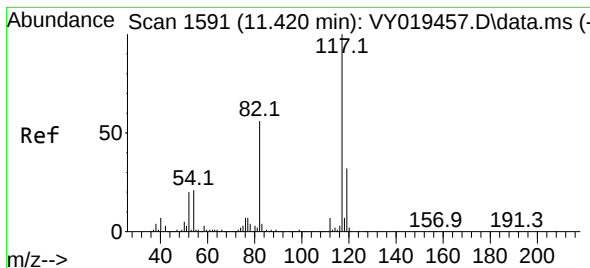
Tgt Ion:107 Resp: 139215
Ion Ratio Lower Upper
107 100
109 93.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 55.746 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion: 95 Resp: 245900
Ion Ratio Lower Upper
95 100
174 77.6 0.0 175.6
176 74.6 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: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

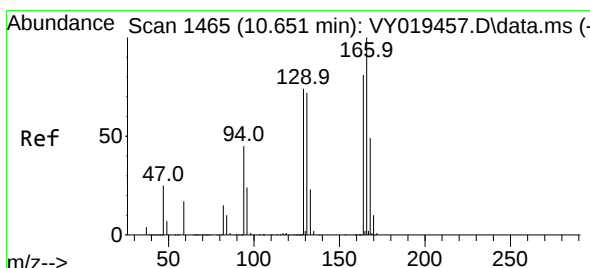
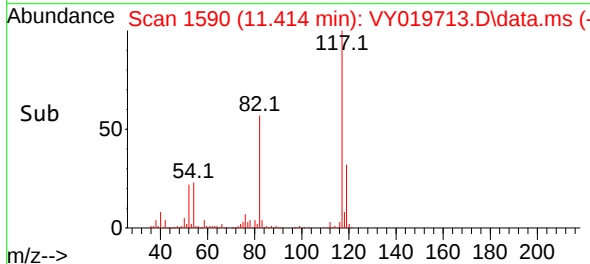
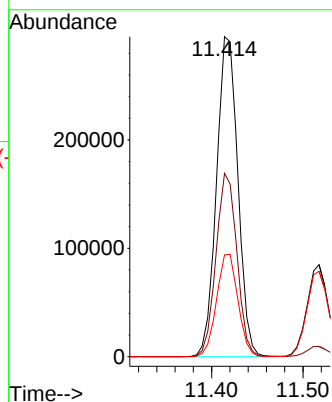
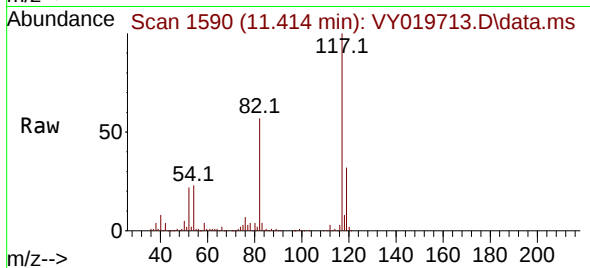
Tgt Ion:117 Resp: 480196

Ion Ratio Lower Upper

117 100

82 57.3 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 58.128 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Tgt Ion:164 Resp: 172851

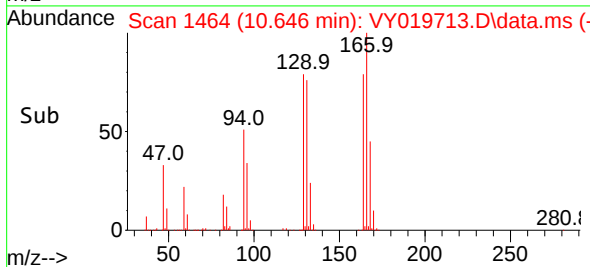
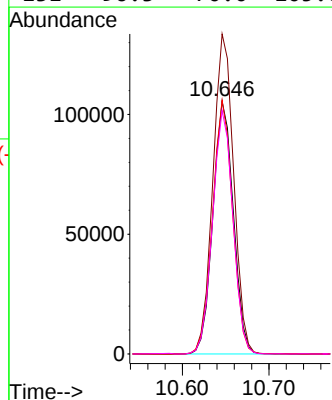
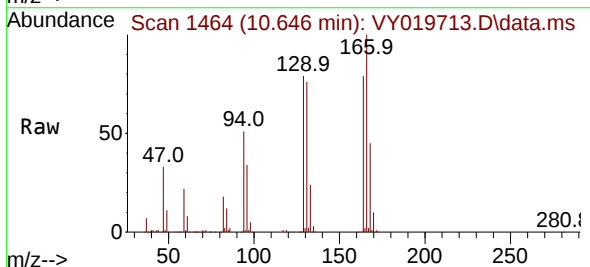
Ion Ratio Lower Upper

164 100

166 126.7 102.6 154.0

129 100.4 72.0 108.0

131 96.3 70.0 105.0

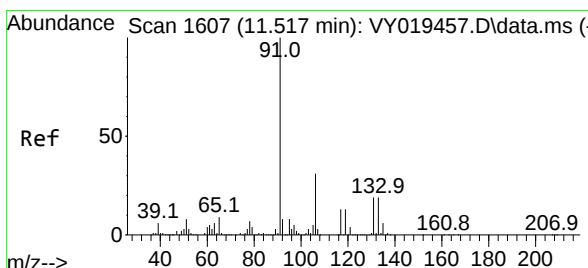
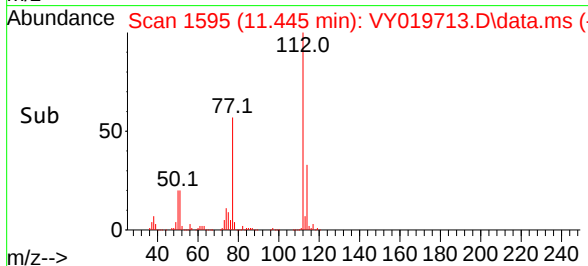
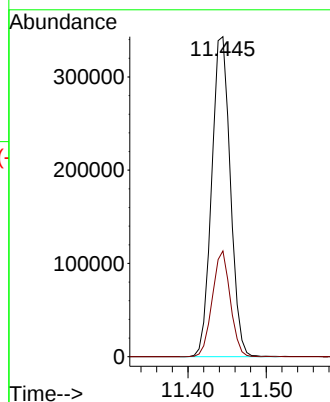
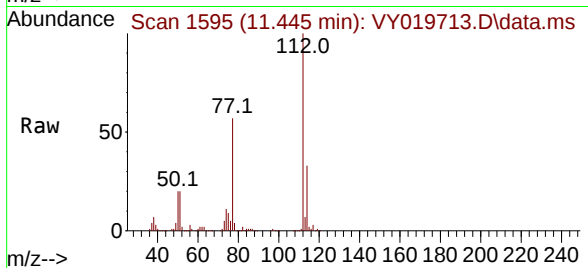




#65
Chlorobenzene
Concen: 60.070 ug/l
RT: 11.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

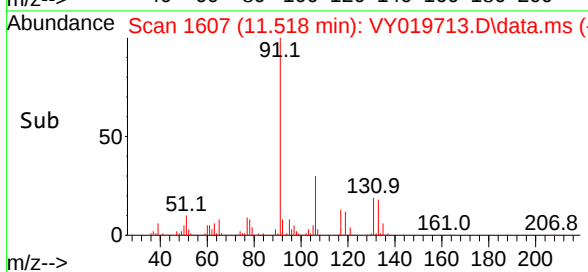
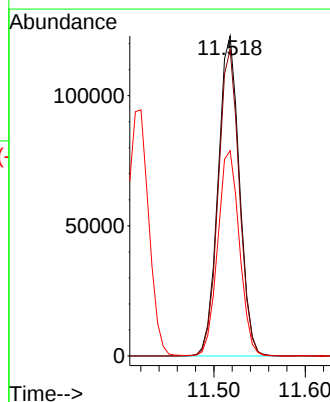
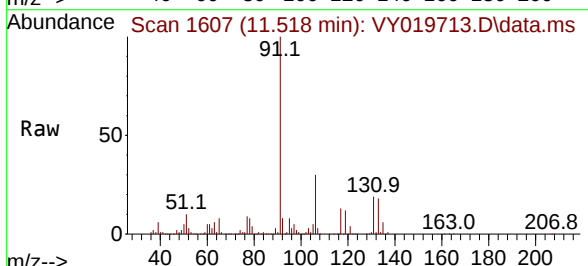
Instrument :
MSVOA_Y
ClientSampleId :

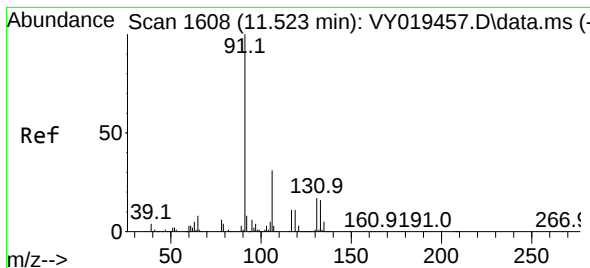
Tgt Ion:112 Resp: 567405
Ion Ratio Lower Upper
112 100
114 33.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 60.924 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion:131 Resp: 199249
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 65.3 34.1 102.2





#67

Ethyl Benzene

Concen: 59.379 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

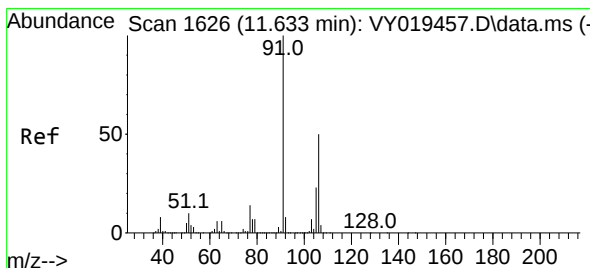
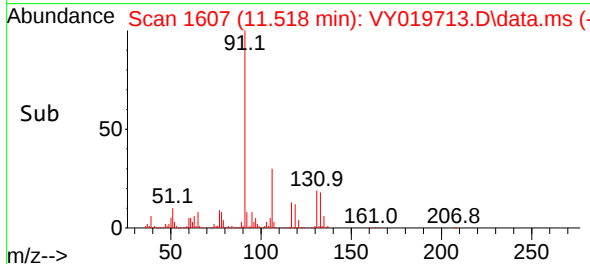
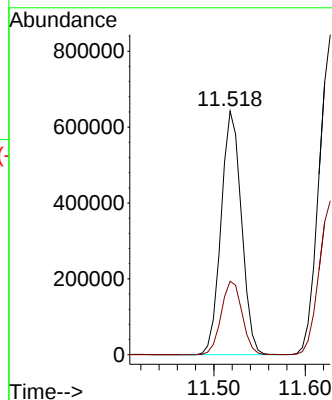
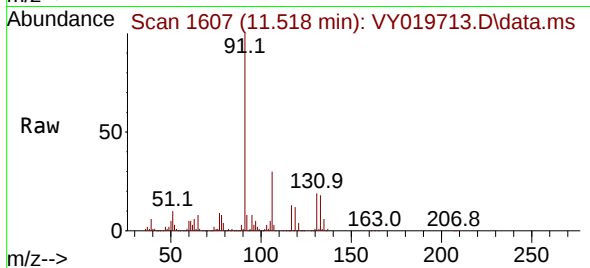
ClientSampleId :

Tgt Ion: 91 Resp: 996593

Ion Ratio Lower Upper

91 100

106 30.2 24.5 36.7



#68

m/p-Xylenes

Concen: 117.307 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019713.D

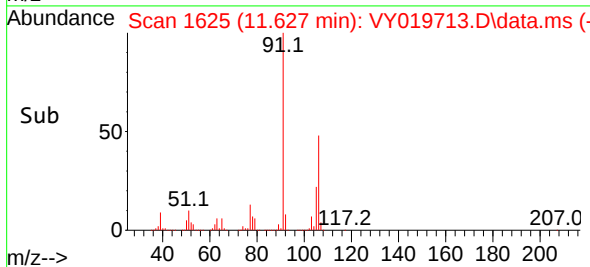
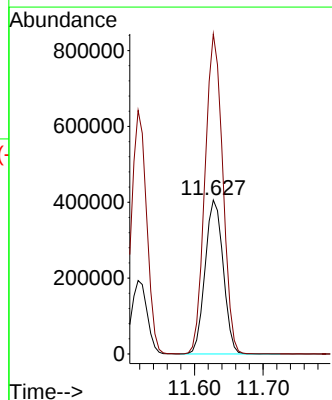
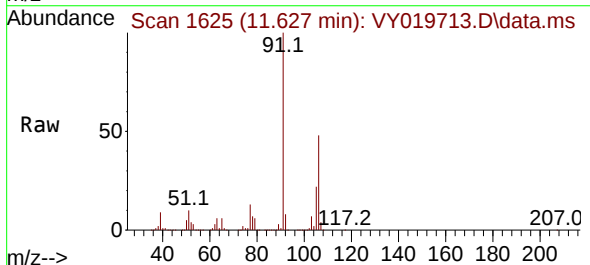
Acq: 26 Sep 2024 16:30

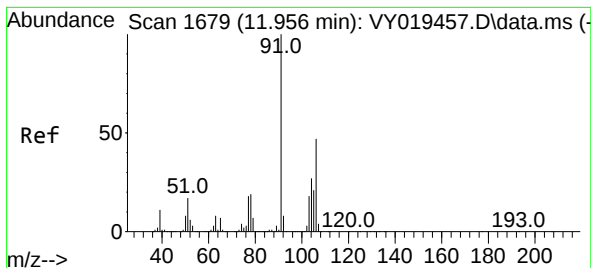
Tgt Ion:106 Resp: 744457

Ion Ratio Lower Upper

106 100

91 204.6 156.0 234.0





#69

o-Xylene

Concen: 58.168 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

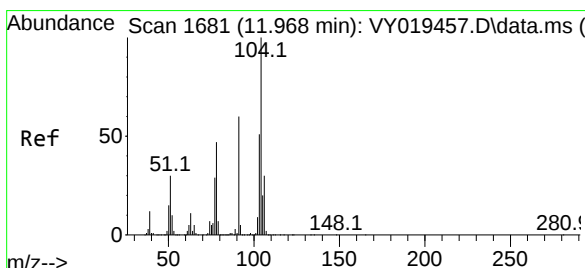
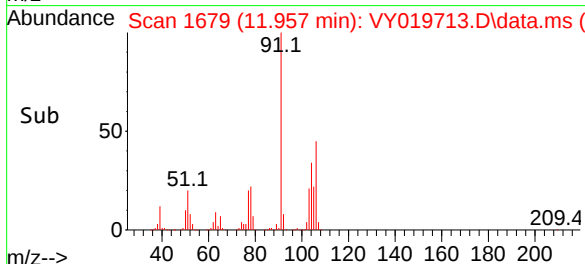
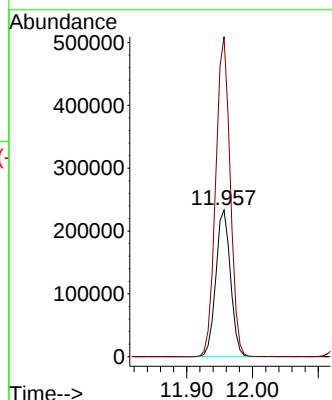
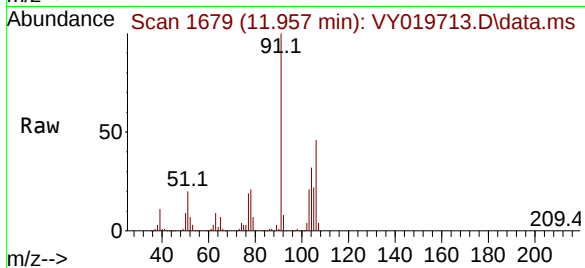
ClientSampleId :

Tgt Ion:106 Resp: 361015

Ion Ratio Lower Upper

106 100

91 216.2 103.6 310.8



#70

Styrene

Concen: 59.609 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

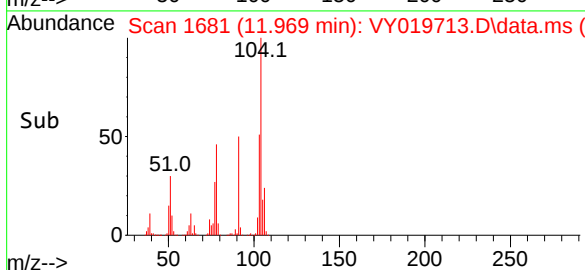
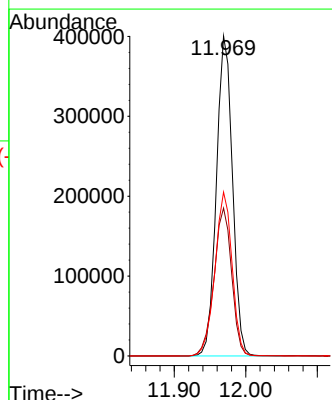
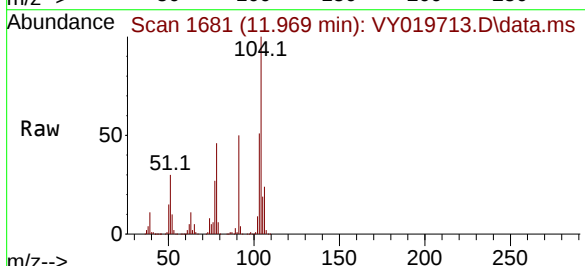
Tgt Ion:104 Resp: 624626

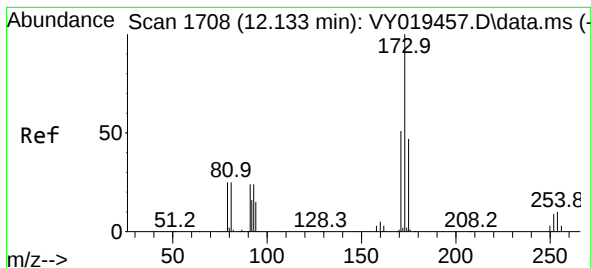
Ion Ratio Lower Upper

104 100

78 50.7 37.0 55.4

103 54.8 44.2 66.2





#71

Bromoform

Concen: 60.437 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

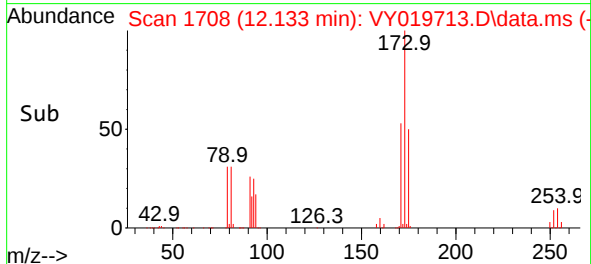
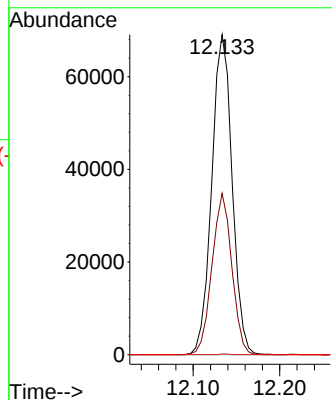
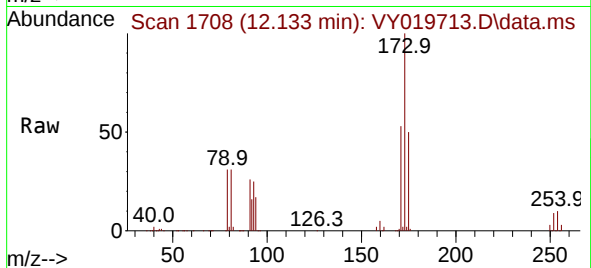
Tgt Ion:173 Resp: 112895

Ion Ratio Lower Upper

173 100

175 49.0 25.1 75.3

254 0.1 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: VY019713.D

Acq: 26 Sep 2024 16:30

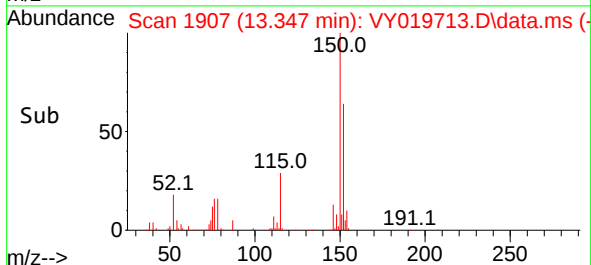
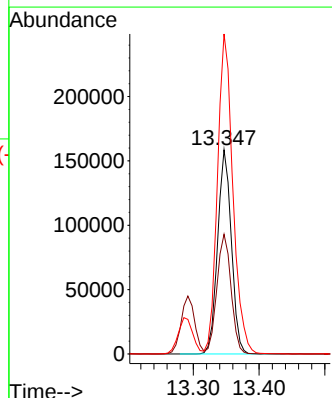
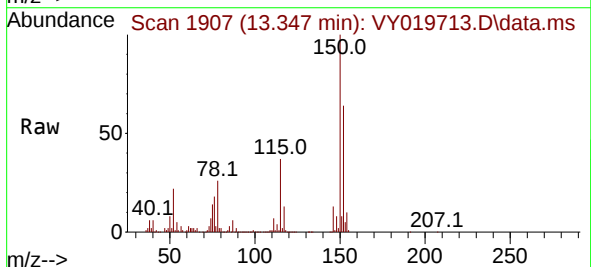
Tgt Ion:152 Resp: 230912

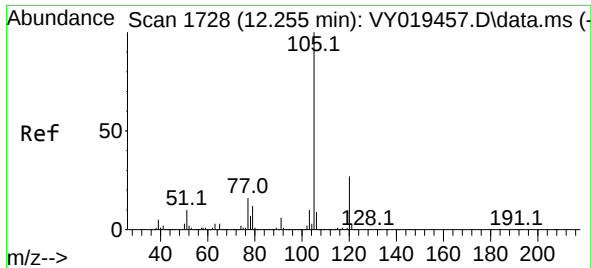
Ion Ratio Lower Upper

152 100

115 60.4 28.2 84.7

150 175.7 0.0 345.6

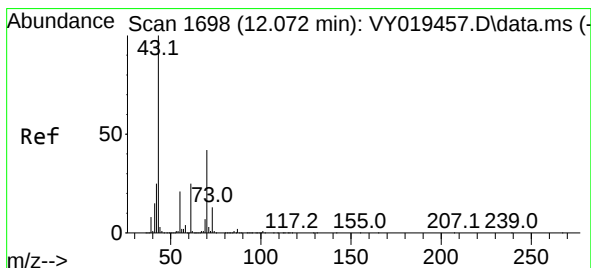
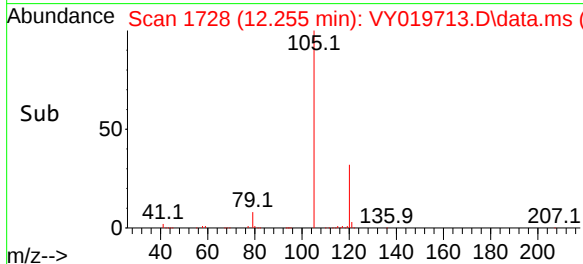
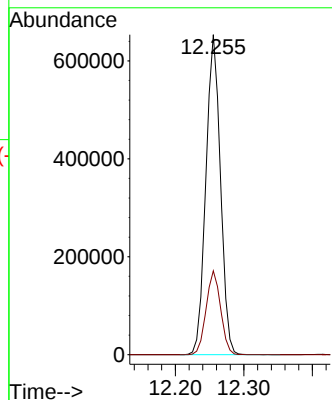
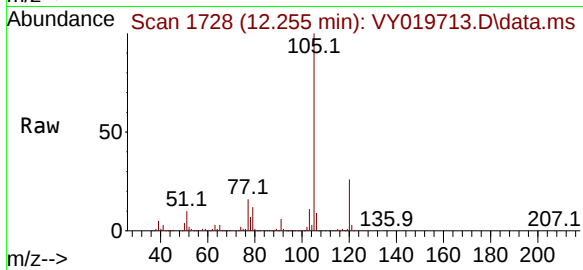




#73
Isopropylbenzene
Concen: 57.667 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

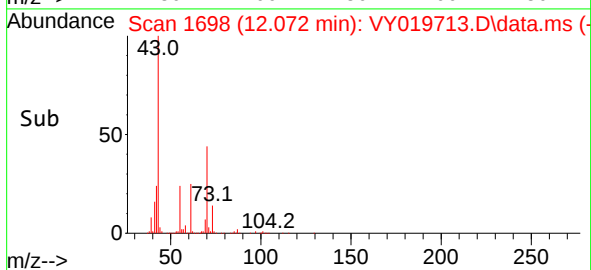
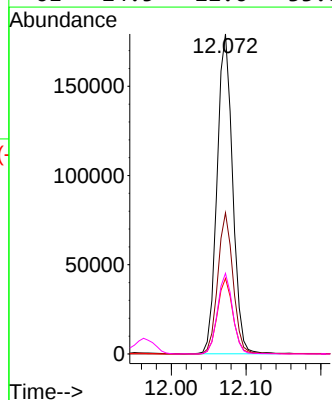
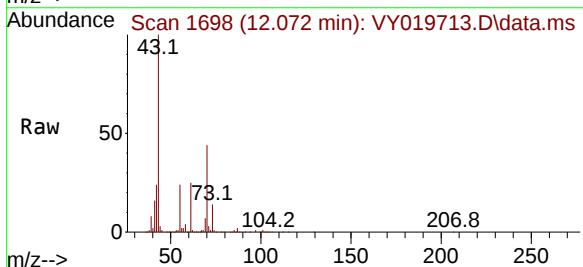
Instrument :
MSVOA_Y
ClientSampleId :

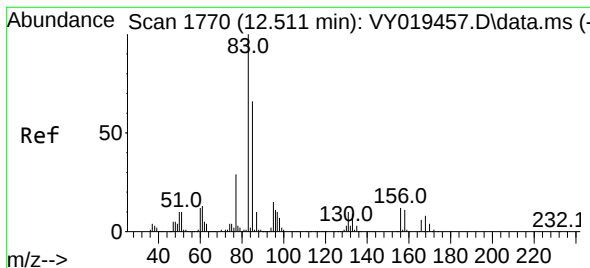
Tgt Ion:105 Resp: 966029
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1



#74
N-ethyl acetate
Concen: 56.846 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion: 43 Resp: 258990
Ion Ratio Lower Upper
43 100
70 43.5 41.4 62.2
55 23.7 23.3 34.9
61 24.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 63.341 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

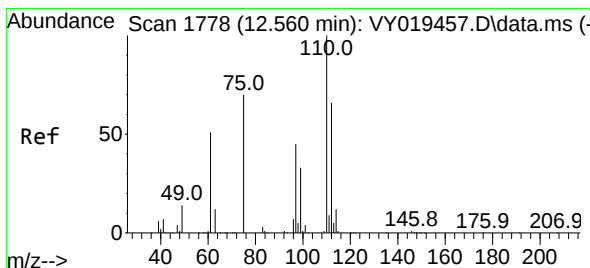
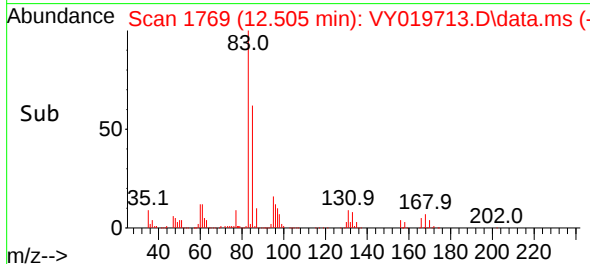
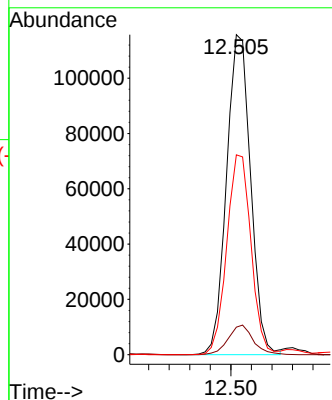
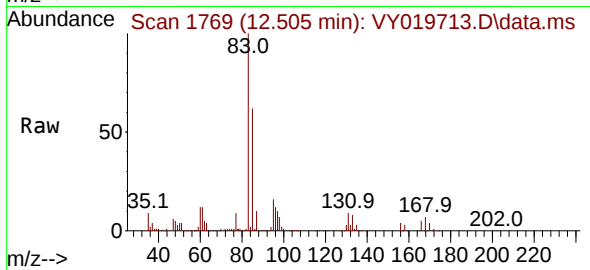
Tgt Ion: 83 Resp: 188337

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 62.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 107.828 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019713.D

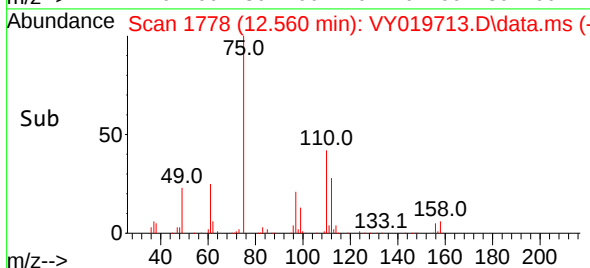
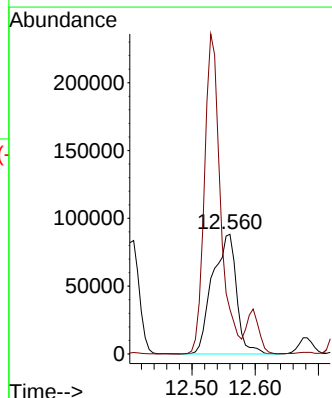
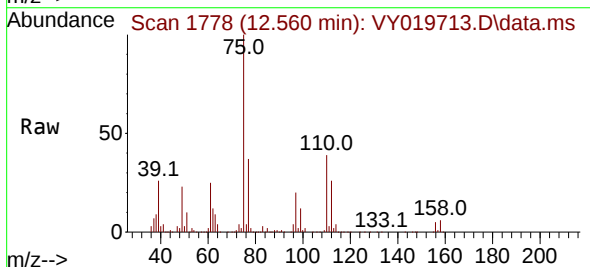
Acq: 26 Sep 2024 16:30

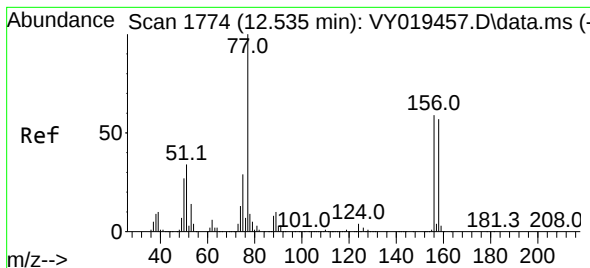
Tgt Ion: 75 Resp: 233373

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 58.015 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

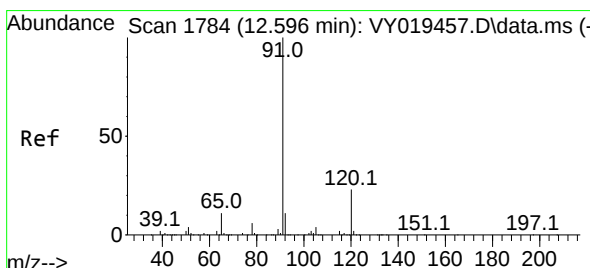
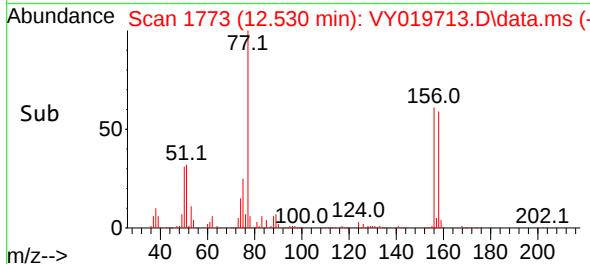
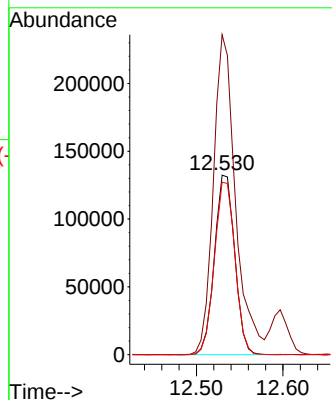
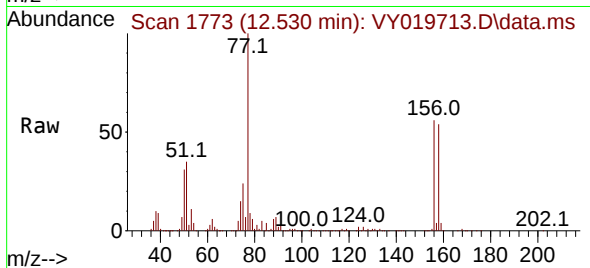
Tgt Ion:156 Resp: 215546

Ion Ratio Lower Upper

156 100

77 194.4 87.1 261.3

158 97.7 48.6 145.9



#78

n-propylbenzene

Concen: 57.248 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019713.D

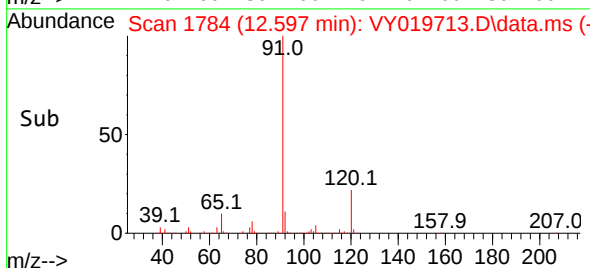
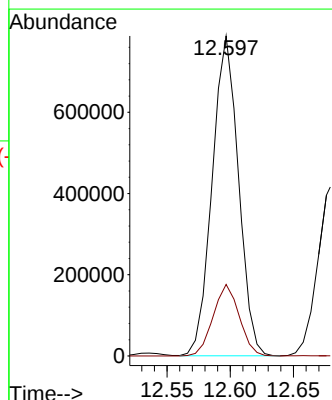
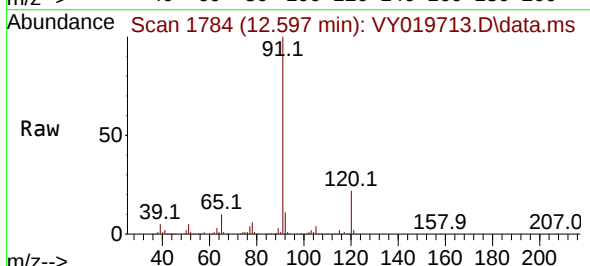
Acq: 26 Sep 2024 16:30

Tgt Ion: 91 Resp: 1136696

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4

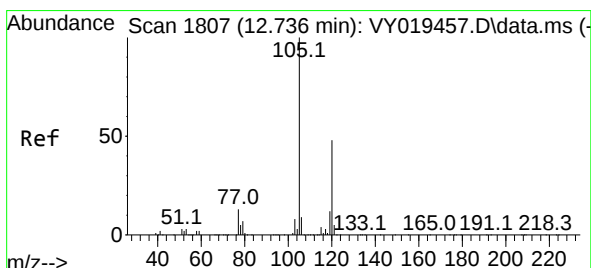
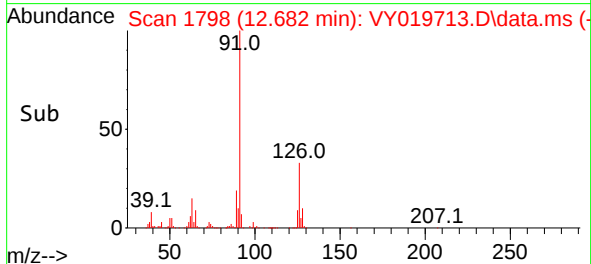
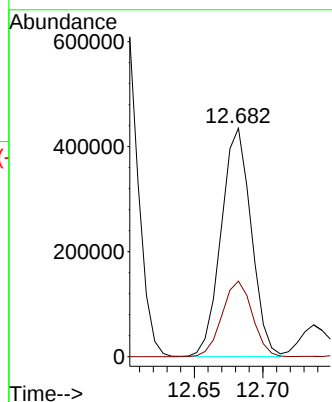
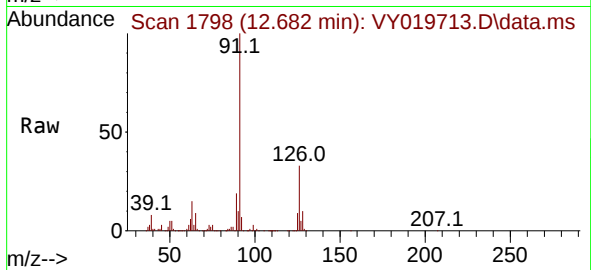




#79
2-Chlorotoluene
Concen: 57.328 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

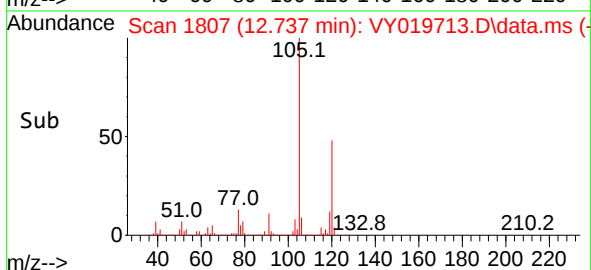
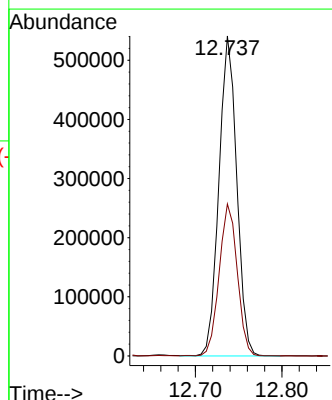
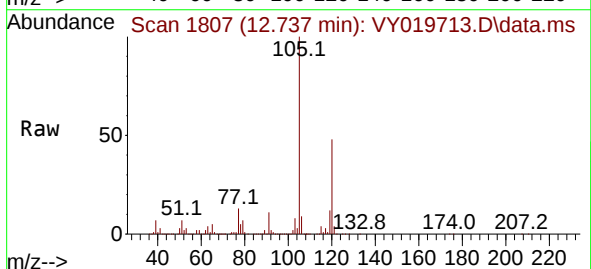
Instrument :
MSVOA_Y
ClientSampleId :

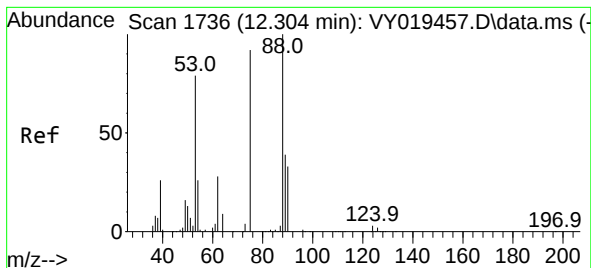
Tgt Ion: 91 Resp: 663362
Ion Ratio Lower Upper
91 100
126 33.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 56.757 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion: 105 Resp: 772953
Ion Ratio Lower Upper
105 100
120 48.3 25.1 75.2

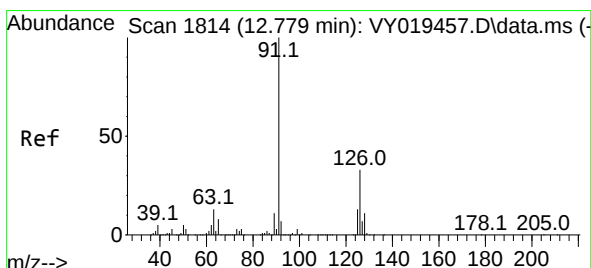
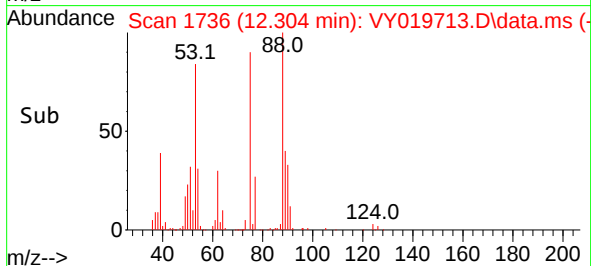
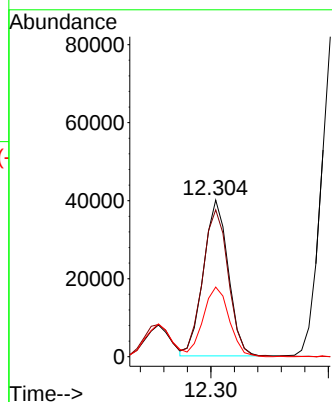
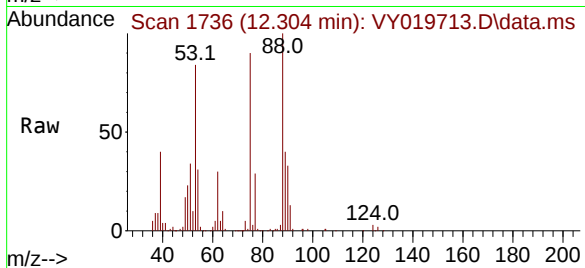




#81
trans-1,4-Dichloro-2-butene
Concen: 51.915 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

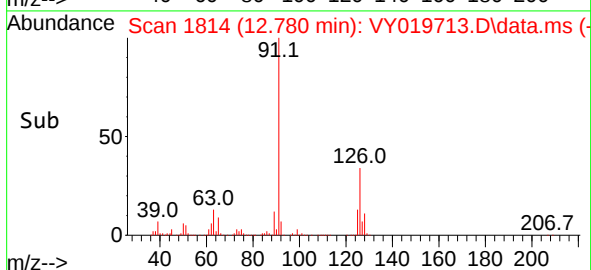
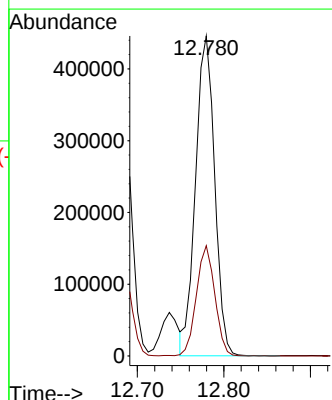
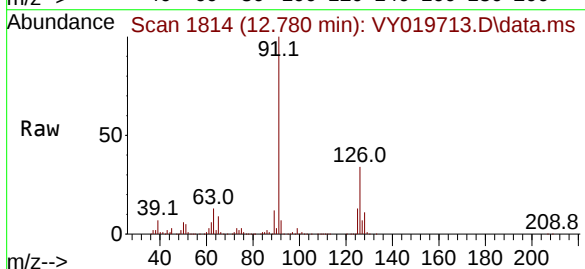
Instrument :
MSVOA_Y
ClientSampleId :

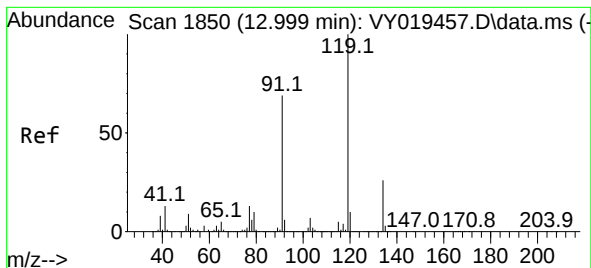
Tgt Ion: 75 Resp: 58530
Ion Ratio Lower Upper
75 100
53 98.9 66.8 100.2
89 46.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 57.330 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019713.D
Acq: 26 Sep 2024 16:30

Tgt Ion: 91 Resp: 682007
Ion Ratio Lower Upper
91 100
126 33.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 57.876 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

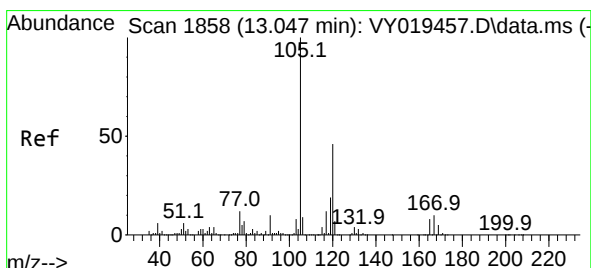
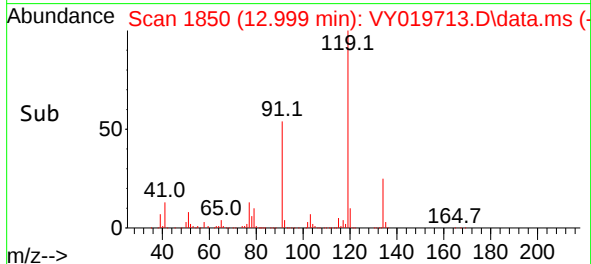
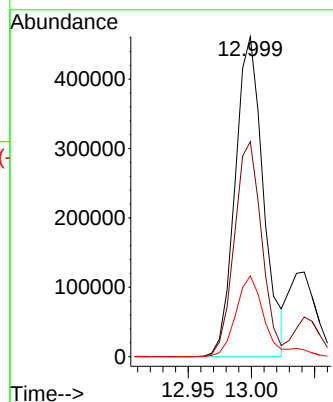
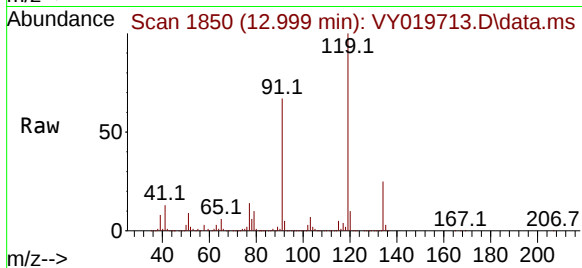
Tgt Ion:119 Resp: 713551

Ion Ratio Lower Upper

119 100

91 65.4 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 57.121 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019713.D

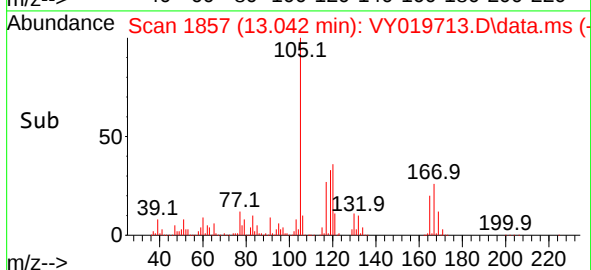
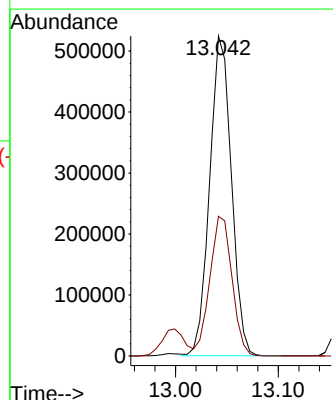
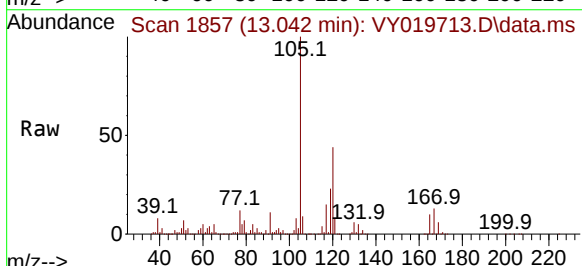
Acq: 26 Sep 2024 16:30

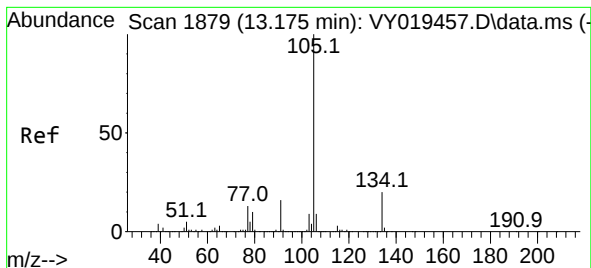
Tgt Ion:105 Resp: 770025

Ion Ratio Lower Upper

105 100

120 44.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 57.410 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

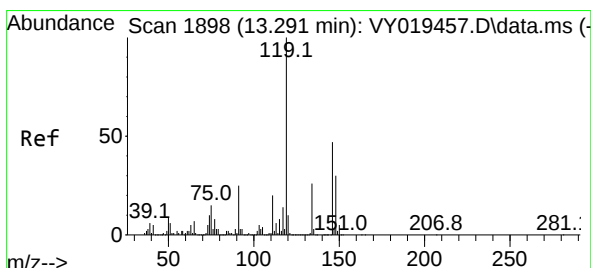
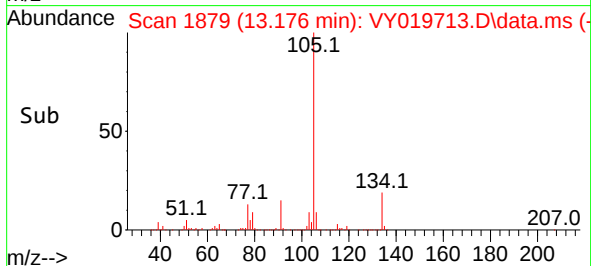
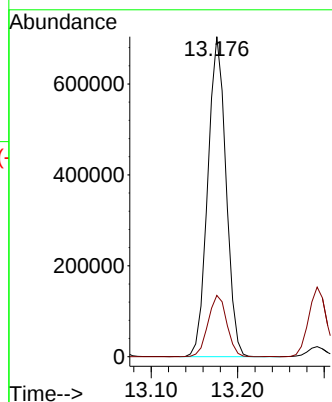
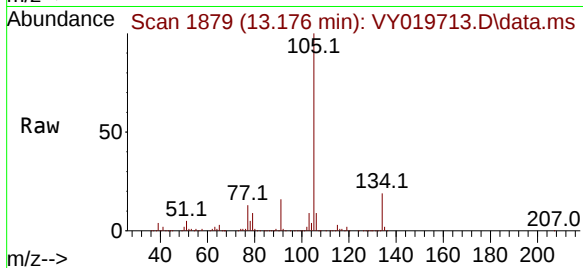
ClientSampleId :

Tgt Ion:105 Resp: 1028237

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 57.489 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

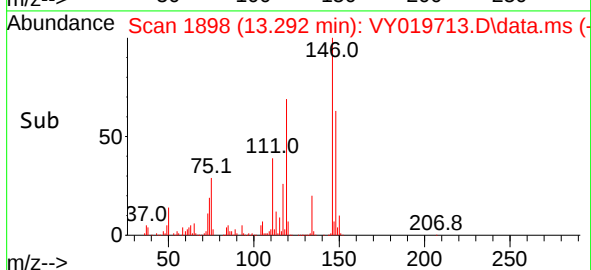
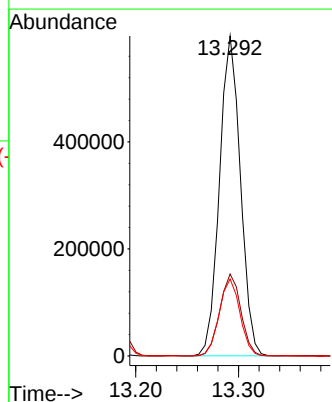
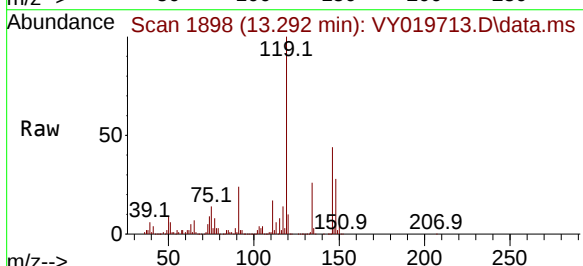
Tgt Ion:119 Resp: 842425

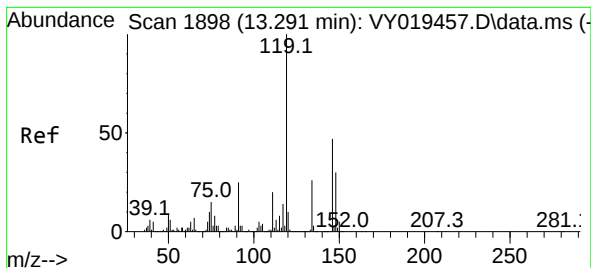
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 23.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 58.449 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

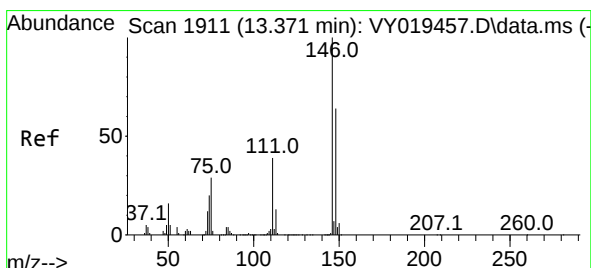
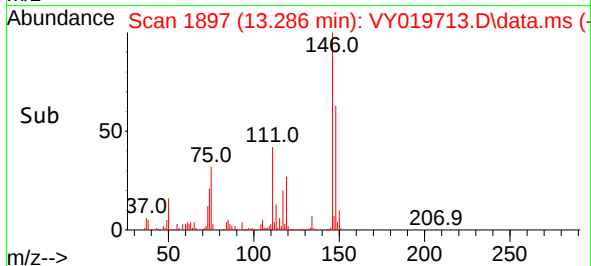
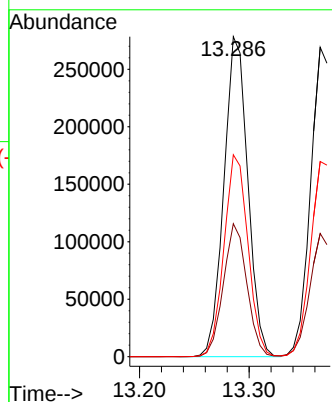
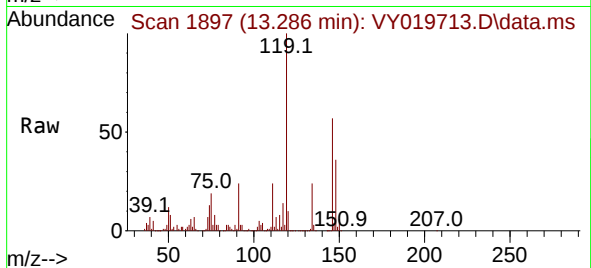
Tgt Ion:146 Resp: 421967

Ion Ratio Lower Upper

146 100

111 40.9 19.0 57.0

148 63.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 57.977 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

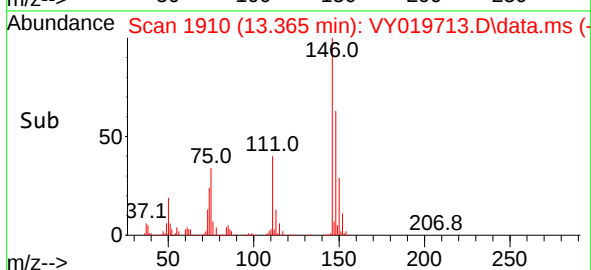
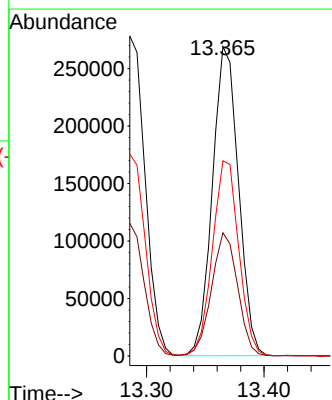
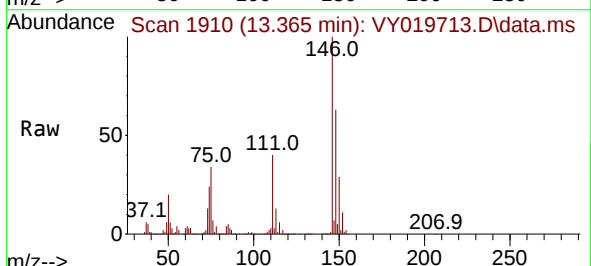
Tgt Ion:146 Resp: 415391

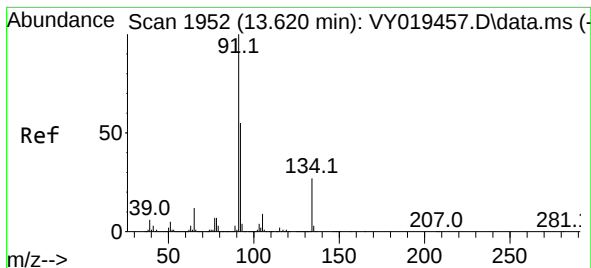
Ion Ratio Lower Upper

146 100

111 39.9 18.4 55.4

148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 56.109 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

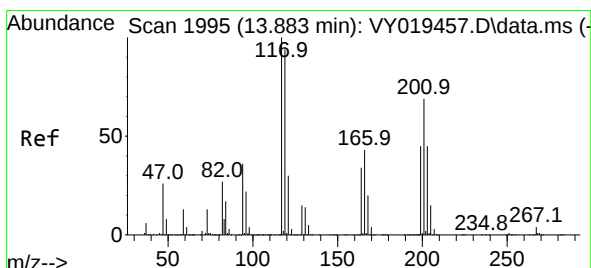
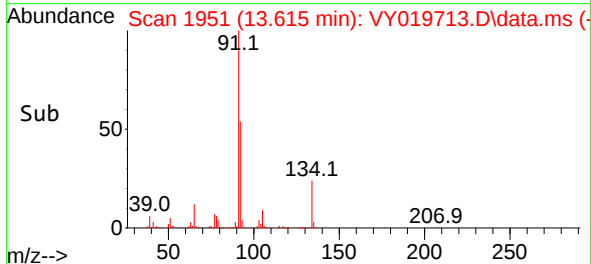
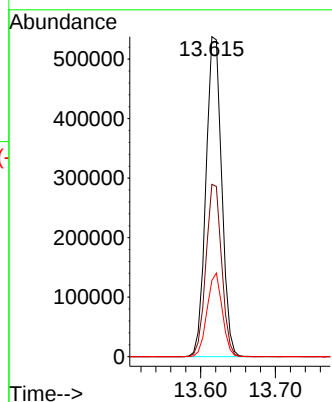
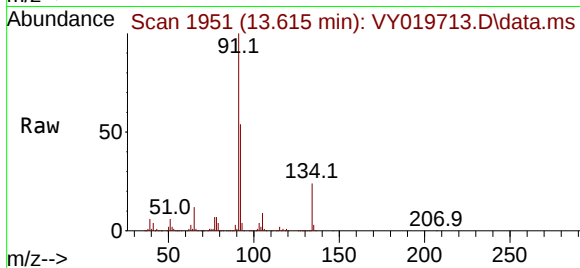
Tgt Ion: 91 Resp: 786024

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 25.2 12.9 38.7



#90

Hexachloroethane

Concen: 55.965 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019713.D

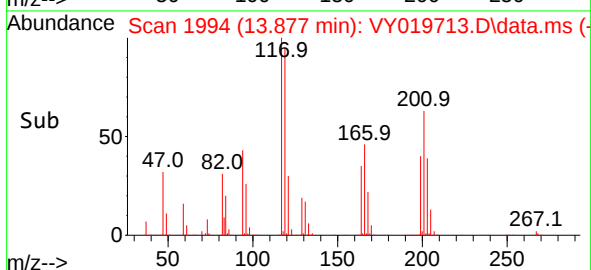
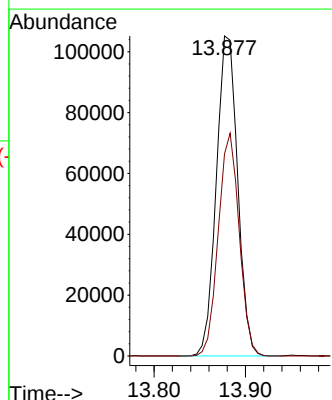
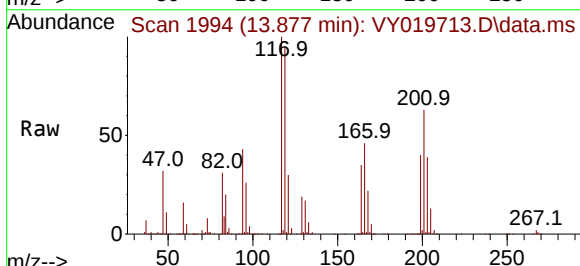
Acq: 26 Sep 2024 16:30

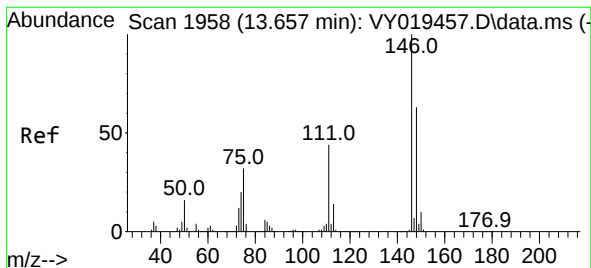
Tgt Ion: 117 Resp: 170638

Ion Ratio Lower Upper

117 100

201 68.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 58.649 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

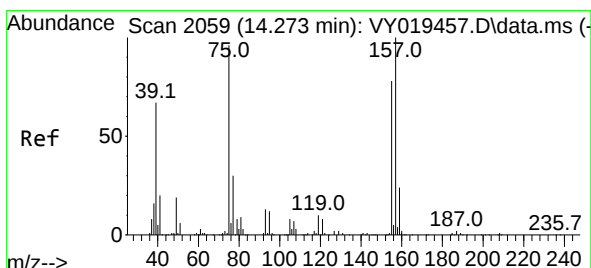
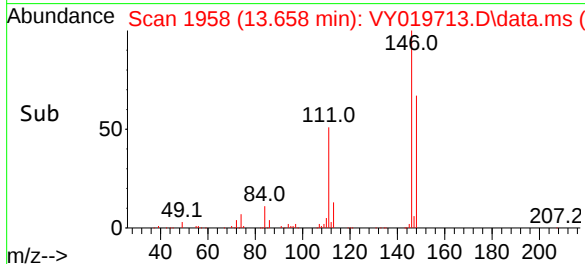
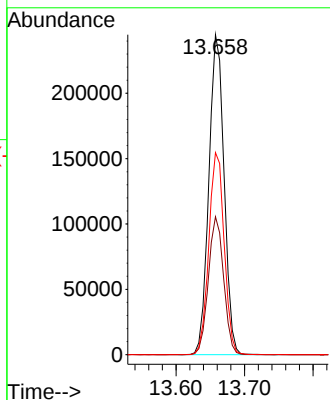
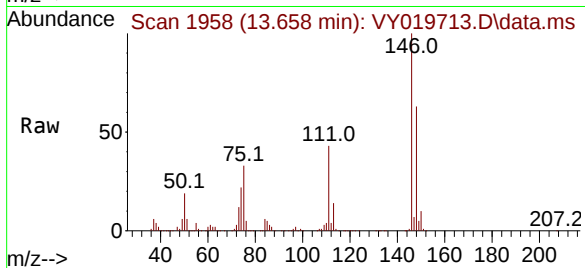
Tgt Ion:146 Resp: 377837

Ion Ratio Lower Upper

146 100

111 43.3 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.412 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

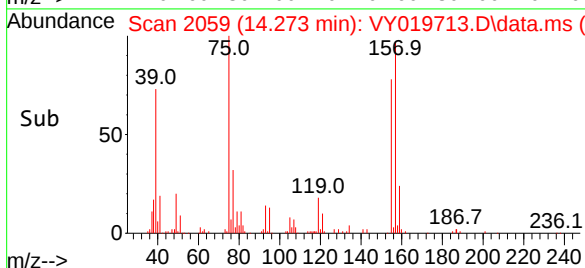
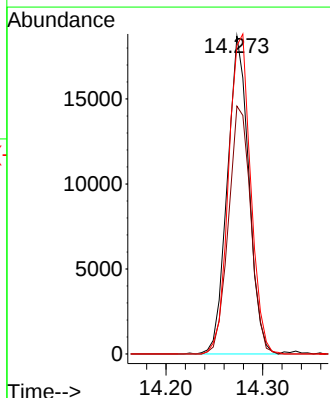
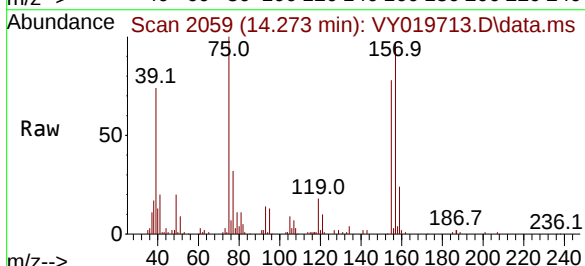
Tgt Ion: 75 Resp: 28946

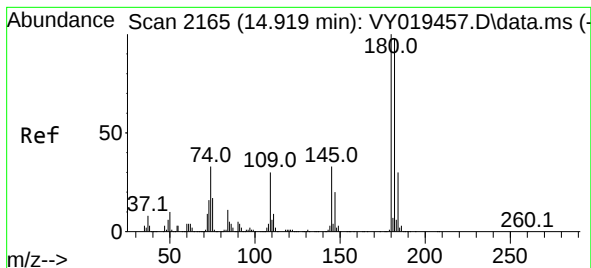
Ion Ratio Lower Upper

75 100

155 80.5 48.6 145.8

157 103.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.938 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

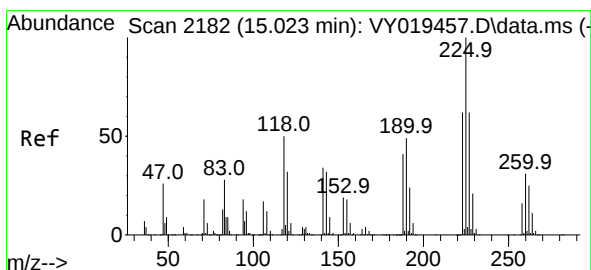
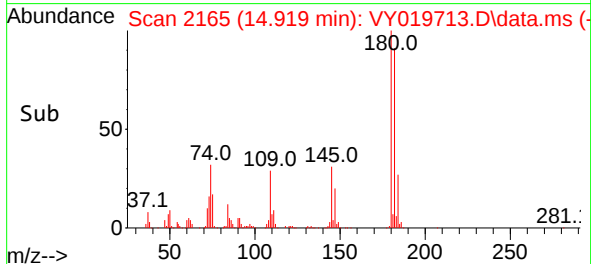
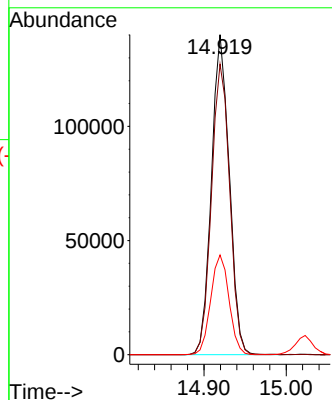
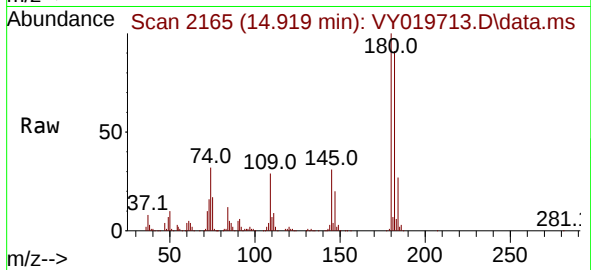
Tgt Ion:180 Resp: 211344

Ion Ratio Lower Upper

180 100

182 92.9 47.9 143.8

145 32.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.576 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

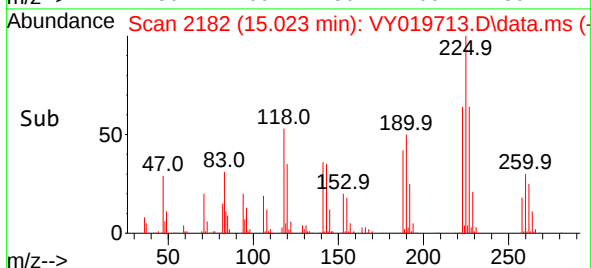
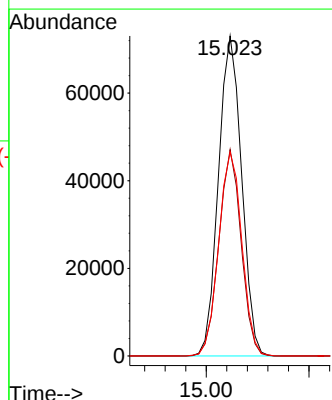
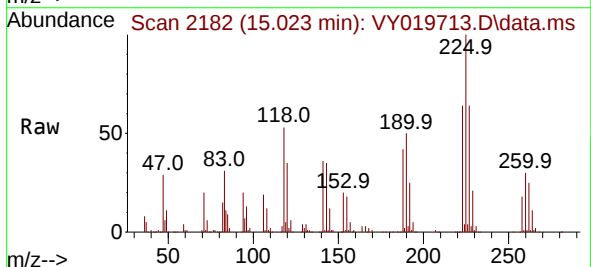
Tgt Ion:225 Resp: 114238

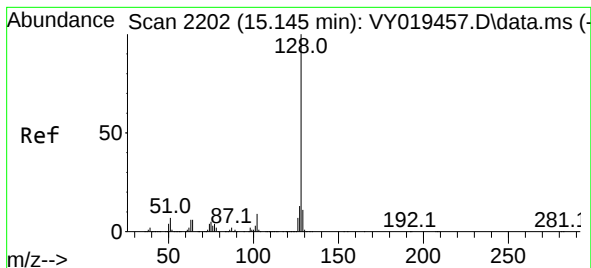
Ion Ratio Lower Upper

225 100

223 62.1 30.4 91.2

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 55.066 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

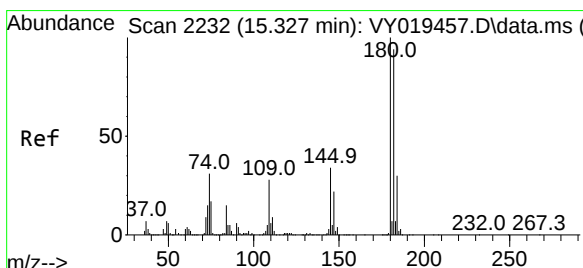
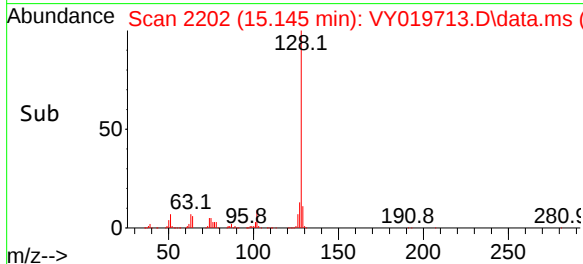
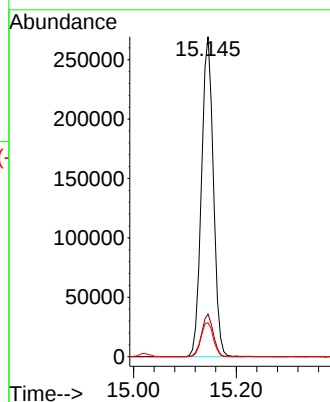
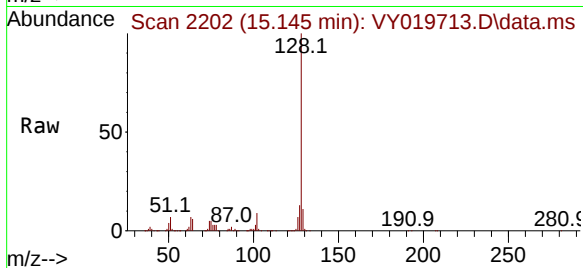
Tgt Ion:128 Resp: 432087

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.479 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019713.D

Acq: 26 Sep 2024 16:30

Tgt Ion:180 Resp: 182590

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 33.5 15.4 46.1

