

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019633.D
 Acq On : 19 Sep 2024 15:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 01:29:16 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	355904	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	632691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	545078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	264026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	179516	54.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.940%	
35) Dibromofluoromethane	7.628	113	180956	50.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.880%	
50) Toluene-d8	10.109	98	663879	50.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.408	95	239584	46.961	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85096	43.188	ug/l	98
3) Chloromethane	2.068	50	148765	50.521	ug/l	100
4) Vinyl Chloride	2.208	62	177972	55.895	ug/l	98
5) Bromomethane	2.598	94	128475	65.689	ug/l	100
6) Chloroethane	2.739	64	128725	61.843	ug/l	100
7) Trichlorofluoromethane	3.056	101	287798	54.223	ug/l	99
8) Diethyl Ether	3.452	74	96077	53.926	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.812	101	164978	50.246	ug/l	96
10) Methyl Iodide	4.001	142	207139	49.206	ug/l	92
11) Tert butyl alcohol	4.854	59	74672	280.569	ug/l	# 81
12) 1,1-Dichloroethene	3.787	96	163056	51.638	ug/l	89
13) Acrolein	3.653	56	21774	165.074	ug/l	98
14) Allyl chloride	4.379	41	290768	51.349	ug/l	# 93
15) Acrylonitrile	5.049	53	207186	269.699	ug/l	98
16) Acetone	3.866	43	206840	263.448	ug/l	# 86
17) Carbon Disulfide	4.104	76	432587	50.705	ug/l	99
18) Methyl Acetate	4.379	43	112661	52.876	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	491231	54.928	ug/l	99
20) Methylene Chloride	4.610	84	193473	54.034	ug/l	89
21) trans-1,2-Dichloroethene	5.110	96	188643	54.504	ug/l	93
22) Diisopropyl ether	6.006	45	631016	54.266	ug/l	91
23) Vinyl Acetate	5.952	43	1771738	266.750	ug/l	94
24) 1,1-Dichloroethane	5.909	63	366122	56.110	ug/l	98
25) 2-Butanone	6.890	43	296135	265.200	ug/l	88
26) 2,2-Dichloropropane	6.878	77	319381	54.262	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	237290	56.441	ug/l	90
28) Bromochloromethane	7.238	49	162027	59.017	ug/l	85
29) Tetrahydrofuran	7.256	42	178100	262.321	ug/l	86
30) Chloroform	7.415	83	387358	58.152	ug/l	99
31) Cyclohexane	7.695	56	272979	46.283	ug/l	94
32) 1,1,1-Trichloroethane	7.610	97	334930	56.097	ug/l	97
36) 1,1-Dichloropropene	7.829	75	254586	52.156	ug/l	97
37) Ethyl Acetate	6.976	43	125153	50.041	ug/l	96
38) Carbon Tetrachloride	7.811	117	287320	52.198	ug/l	97
39) Methylcyclohexane	9.109	83	300417	46.248	ug/l	92
40) Benzene	8.073	78	803469	53.442	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	66073	45.321	ug/l	92
42) 1,2-Dichloroethane	8.152	62	222184	54.921	ug/l	96
43) Isopropyl Acetate	8.195	43	264669	50.371	ug/l	91
44) Trichloroethene	8.860	130	200767	51.924	ug/l	91
45) 1,2-Dichloropropane	9.140	63	190868	51.930	ug/l	99
46) Dibromomethane	9.225	93	109084	54.272	ug/l	96
47) Bromodichloromethane	9.420	83	294649	54.535	ug/l	99
48) Methyl methacrylate	9.219	41	120223	48.452	ug/l	84
49) 1,4-Dioxane	9.231	88	24954	1054.616	ug/l #	98
51) 4-Methyl-2-Pentanone	10.000	43	662189	250.501	ug/l	93
52) Toluene	10.170	92	515880	53.353	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	262140	50.897	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	310400	51.757	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	147518	53.147	ug/l	96
56) Ethyl methacrylate	10.438	69	212325	50.357	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	252244	52.868	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	528511	270.066	ug/l	98
59) 2-Hexanone	10.762	43	463052	238.933	ug/l	91
60) Dibromochloromethane	10.908	129	196169	53.427	ug/l	99
61) 1,2-Dibromoethane	11.012	107	135486	52.388	ug/l	99
64) Tetrachloroethene	10.646	164	172927	51.232	ug/l	95
65) Chlorobenzene	11.444	112	575350	53.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	195707	52.718	ug/l	99
67) Ethyl Benzene	11.518	91	1006051	52.808	ug/l	99
68) m/p-Xylenes	11.627	106	760002	105.502	ug/l	94
69) o-Xylene	11.957	106	369556	52.456	ug/l	95
70) Styrene	11.969	104	626674	52.686	ug/l	97
71) Bromoform	12.133	173	107421	50.662	ug/l #	97
73) Isopropylbenzene	12.255	105	977748	51.046	ug/l	99
74) N-amyl acetate	12.072	43	238619	45.806	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	172761	50.815	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	221213	89.390	ug/l #	100
77) Bromobenzene	12.530	156	226933	53.419	ug/l	95
78) n-propylbenzene	12.597	91	1152942	50.784	ug/l	99
79) 2-Chlorotoluene	12.682	91	667290	50.435	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	783622	50.324	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	57551	44.644	ug/l	94
82) 4-Chlorotoluene	12.780	91	686908	50.500	ug/l	96
83) tert-Butylbenzene	12.999	119	721600	51.189	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	784591	50.902	ug/l	97
85) sec-Butylbenzene	13.176	105	1028346	50.215	ug/l	99
86) p-Isopropyltoluene	13.292	119	847282	50.569	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	421049	51.007	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	413044	50.419	ug/l	97
89) n-Butylbenzene	13.615	91	793690	49.551	ug/l	99
90) Hexachloroethane	13.883	117	171497	49.192	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	372739	50.601	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26759	47.226	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	209893	46.849	ug/l	98
94) Hexachlorobutadiene	15.023	225	108438	45.307	ug/l	98
95) Naphthalene	15.145	128	427750	47.677	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	179344	46.799	ug/l	98

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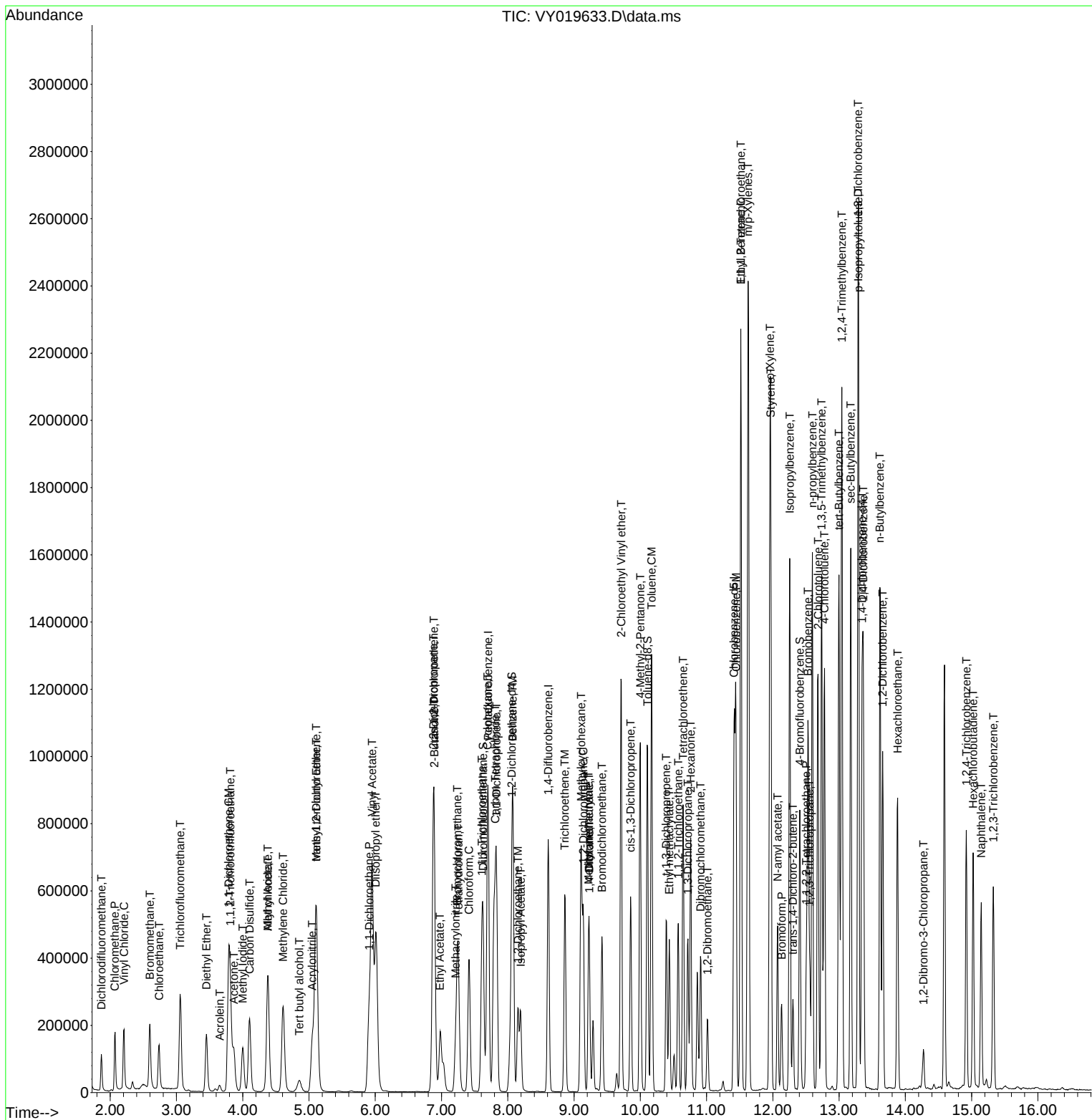
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MSVOA_Y
ClientSampleId :

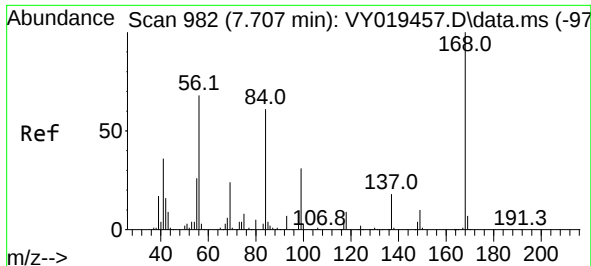
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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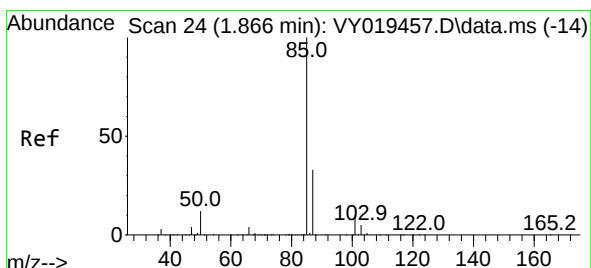
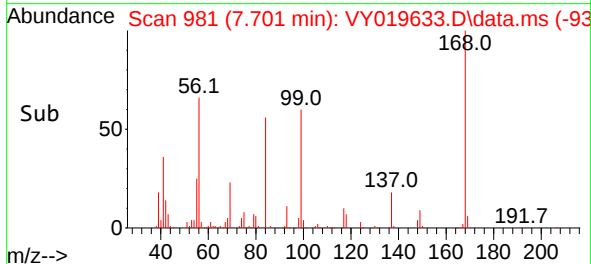
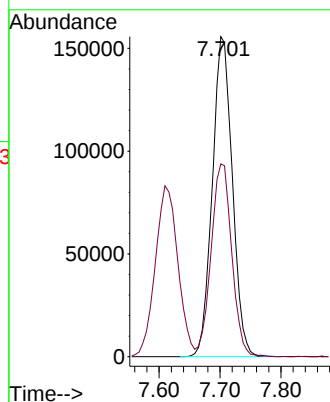
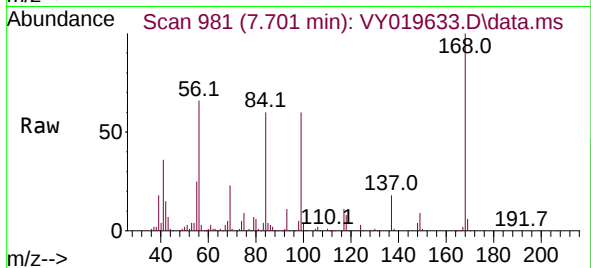




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019633.D
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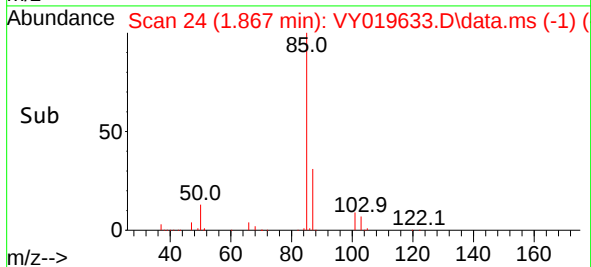
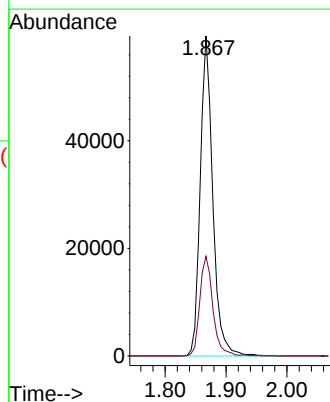
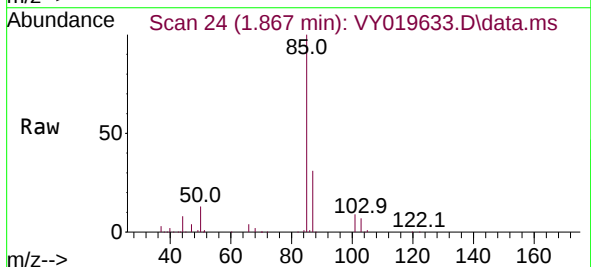
Instrument :
MSVOA_Y
ClientSampleId :

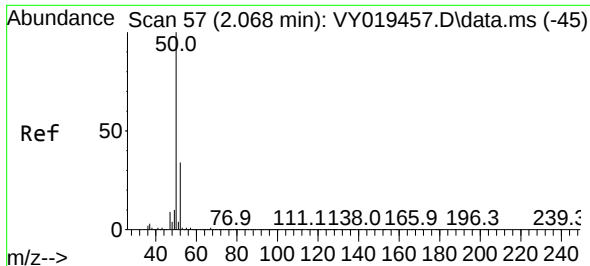
Tgt Ion:168 Resp: 355904
Ion Ratio Lower Upper
168 100
99 60.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 43.188 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 85 Resp: 85096
Ion Ratio Lower Upper
85 100
87 31.1 16.0 48.0

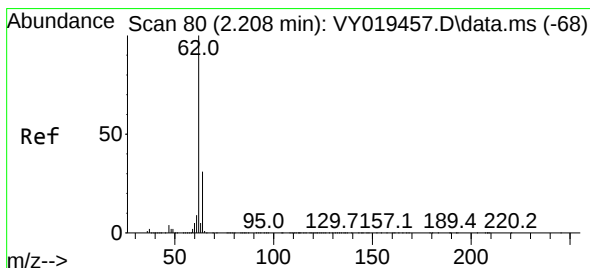
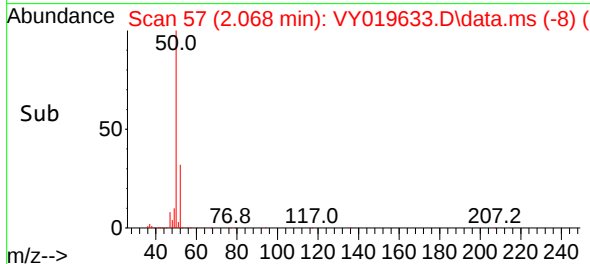
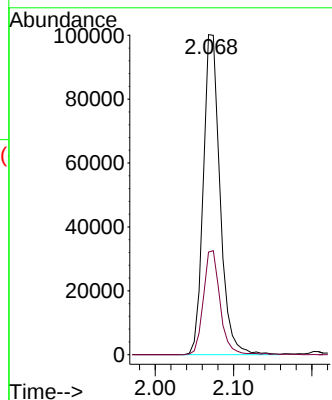
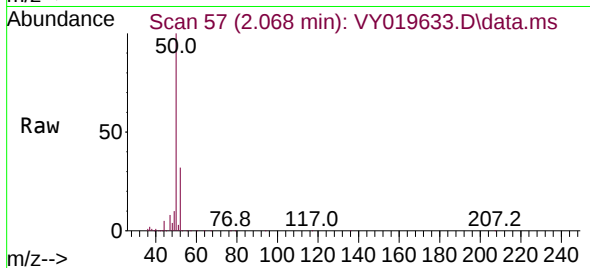




#3
Chloromethane
Concen: 50.521 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

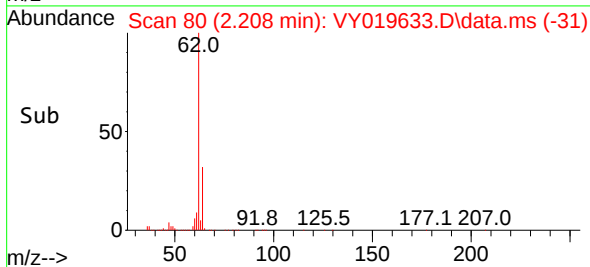
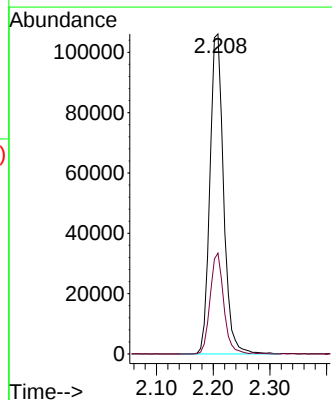
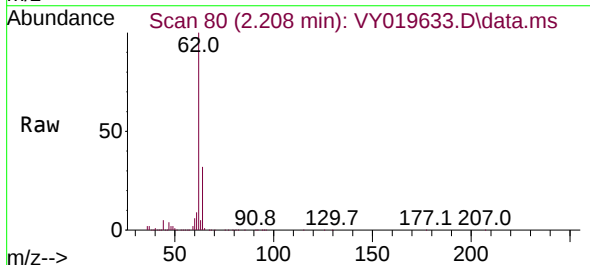
Instrument :
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ClientSampleId :

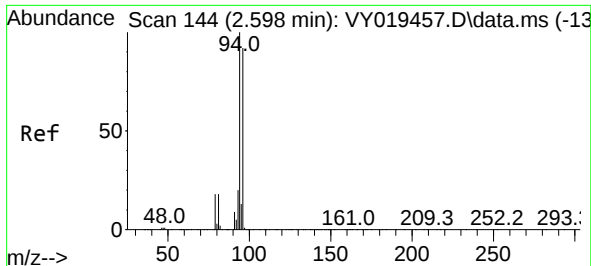
Tgt Ion: 50 Resp: 148765
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 55.895 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 62 Resp: 177972
Ion Ratio Lower Upper
62 100
64 31.5 26.1 39.1

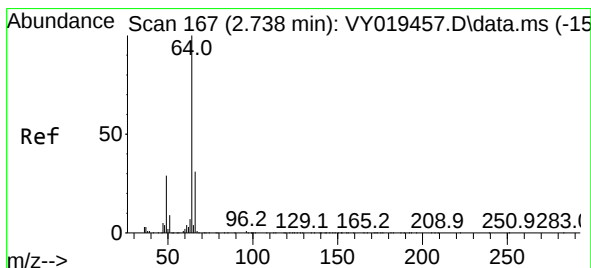
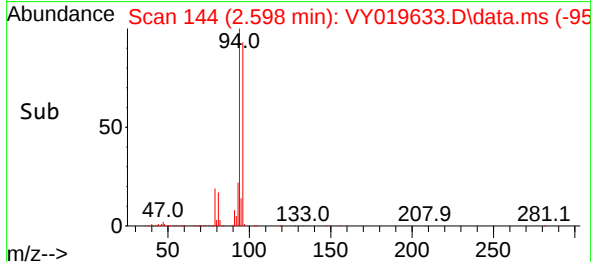
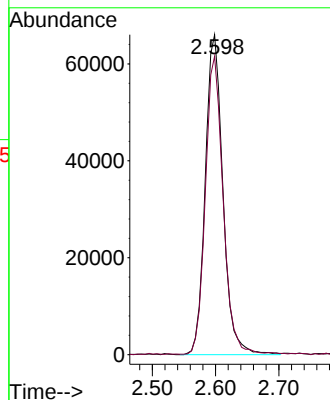
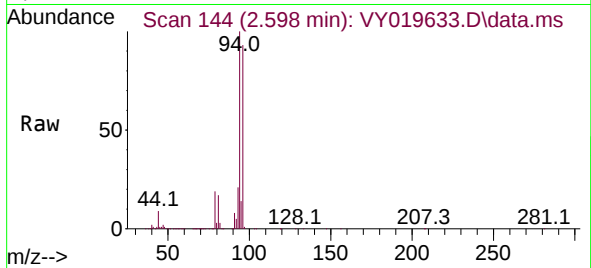




#5
Bromomethane
Concen: 65.689 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

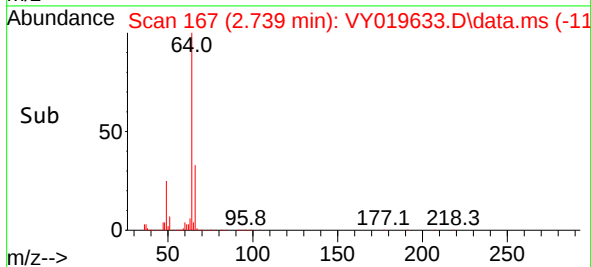
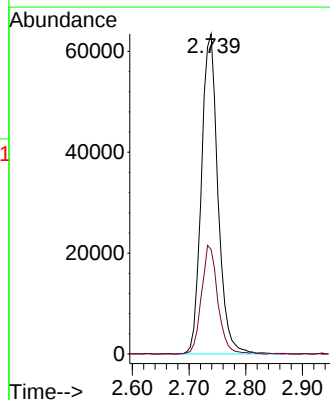
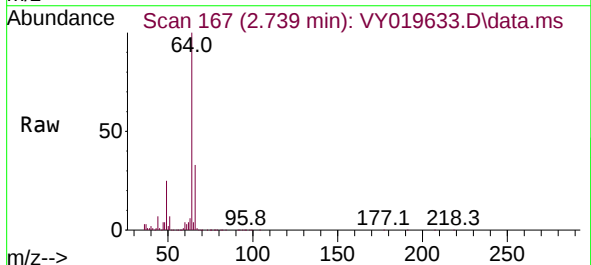
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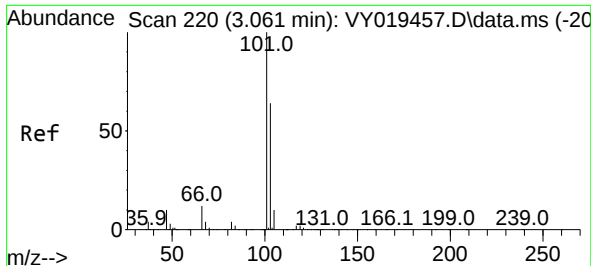
Tgt Ion: 94 Resp: 128475
Ion Ratio Lower Upper
94 100
96 93.1 74.1 111.1



#6
Chloroethane
Concen: 61.843 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019633.D
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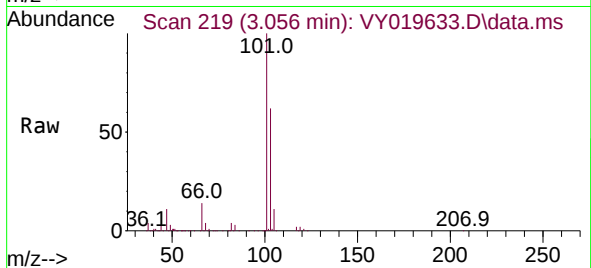
Tgt Ion: 64 Resp: 128725
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1



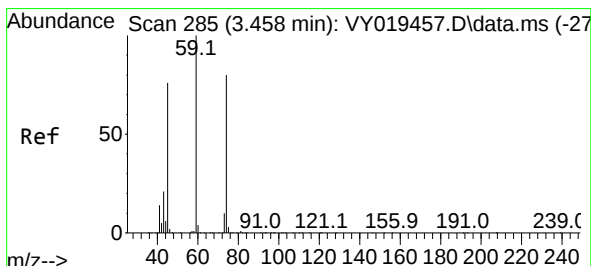
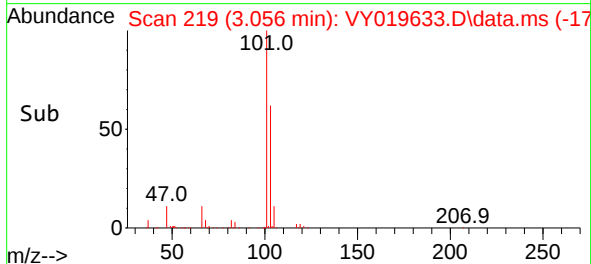
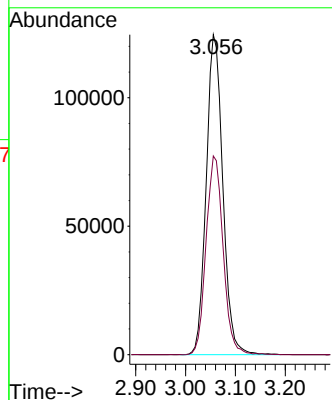


#7
 Trichlorofluoromethane
 Concen: 54.223 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019633.D
 Acq: 19 Sep 2024 15:41

Instrument :
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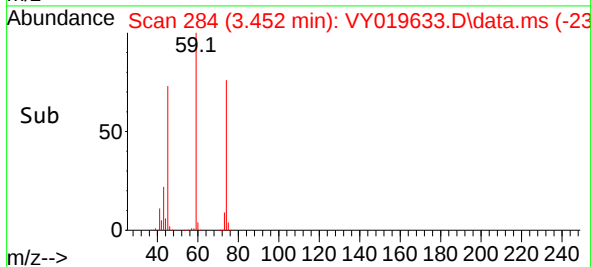
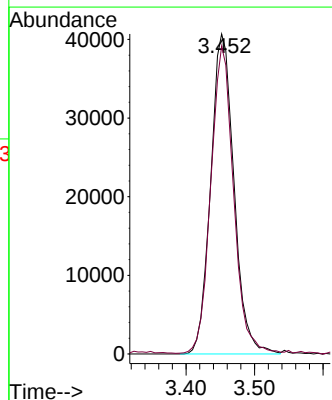
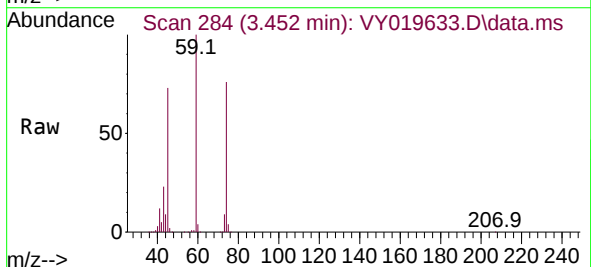


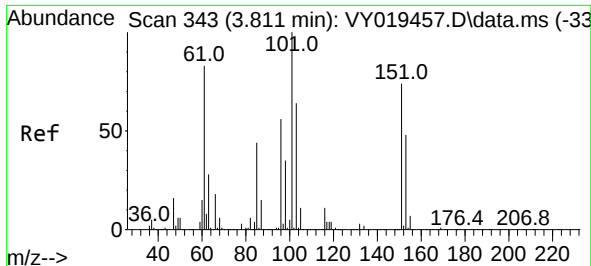
Tgt Ion:101 Resp: 287798
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 53.926 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019633.D
 Acq: 19 Sep 2024 15:41

Tgt Ion: 74 Resp: 96077
 Ion Ratio Lower Upper
 74 100
 45 93.8 41.3 124.1

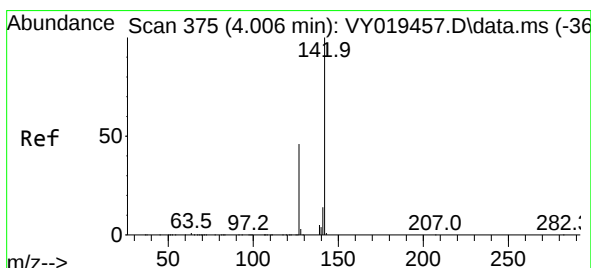
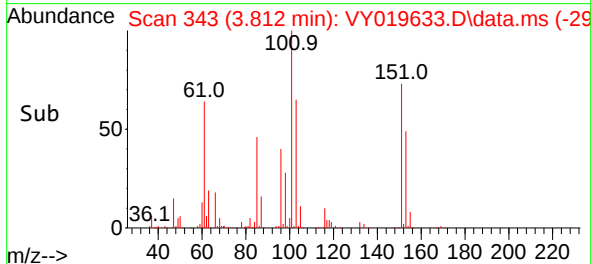
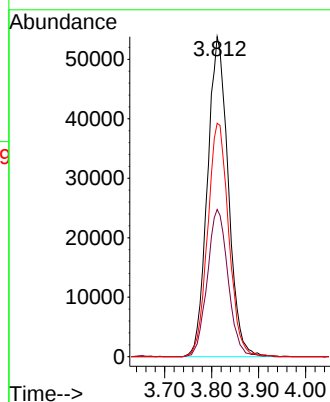
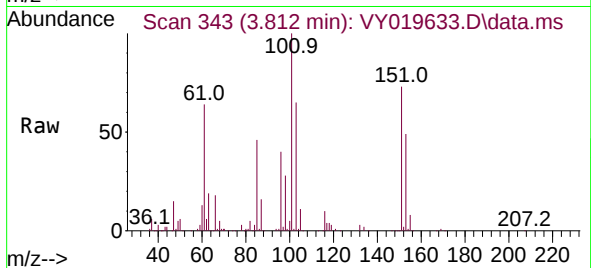




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.246 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

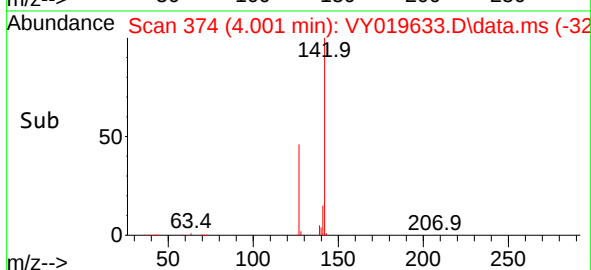
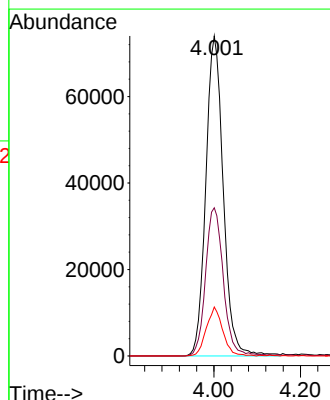
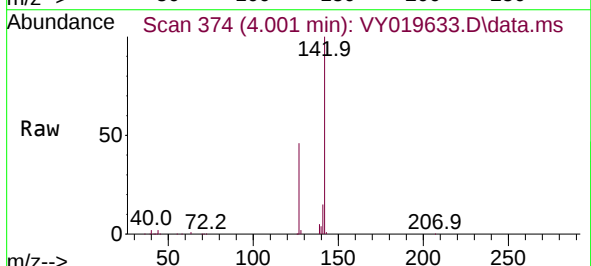
Instrument :
MSVOA_Y
ClientSampleId :

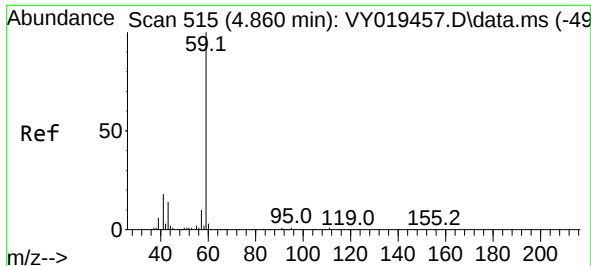
Tgt Ion:101 Resp: 164978
Ion Ratio Lower Upper
101 100
85 46.1 34.5 51.7
151 74.0 61.7 92.5



#10
Methyl Iodide
Concen: 49.206 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion:142 Resp: 207139
Ion Ratio Lower Upper
142 100
127 47.3 32.8 49.2
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 280.569 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

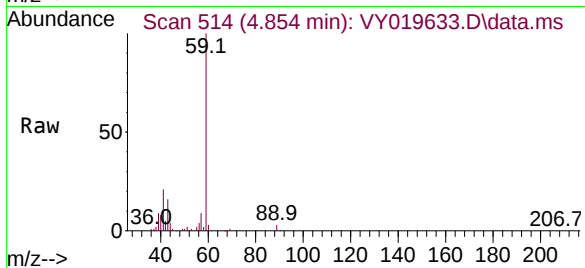
Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

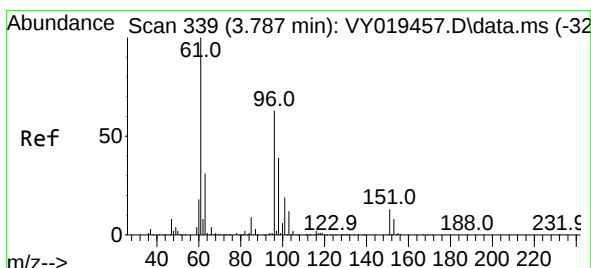
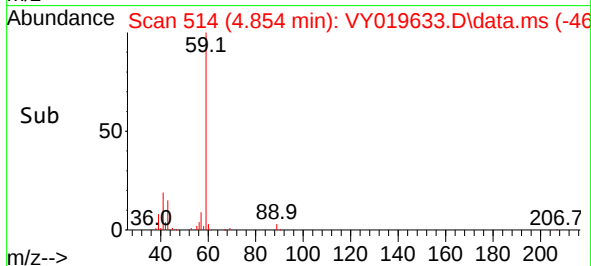
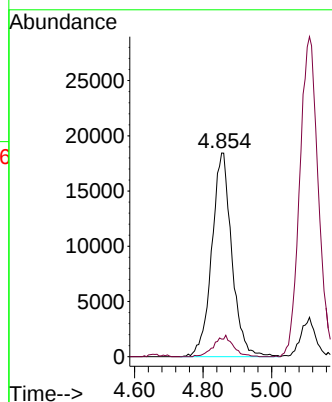


Tgt Ion: 59 Resp: 74672

Ion Ratio Lower Upper

59 100

57 10.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 51.638 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

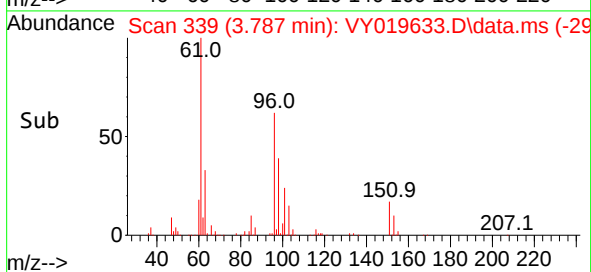
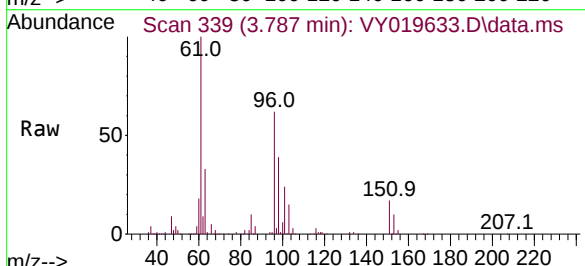
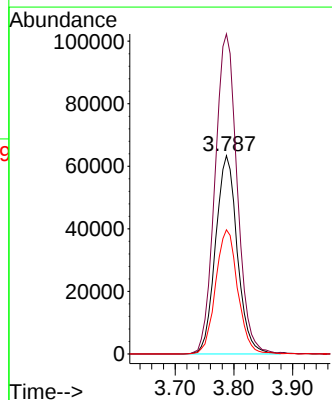
Tgt Ion: 96 Resp: 163056

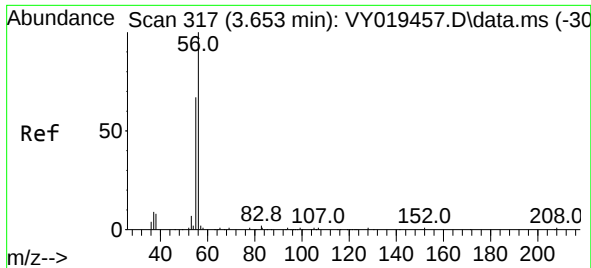
Ion Ratio Lower Upper

96 100

61 161.4 114.6 171.8

98 62.6 50.8 76.2

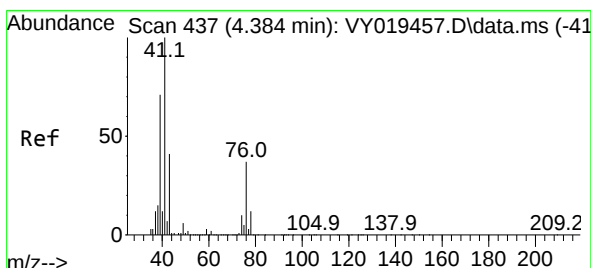
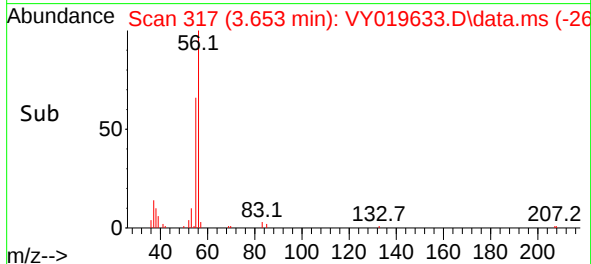
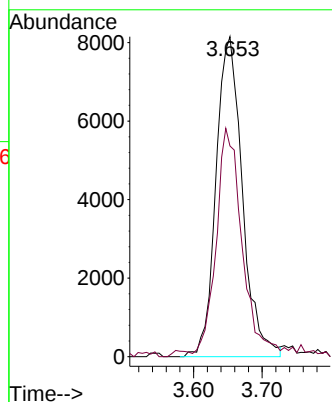
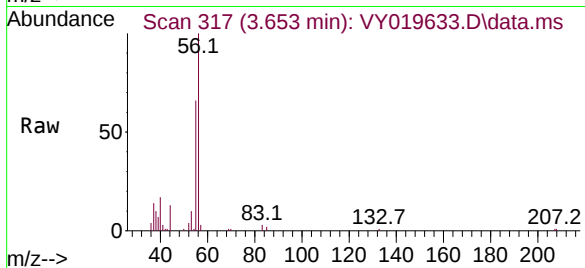




#13
Acrolein
Concen: 165.074 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

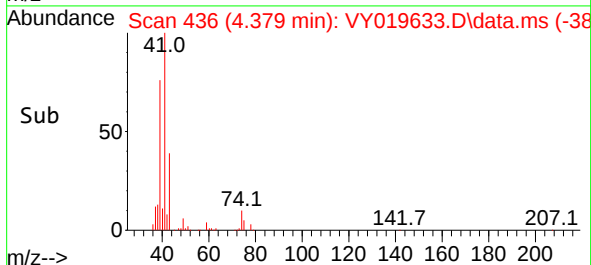
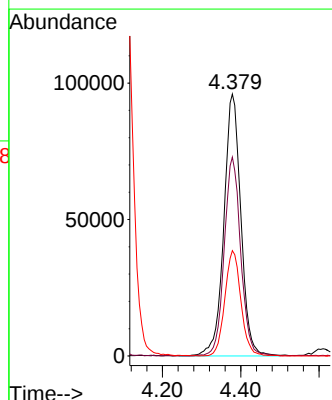
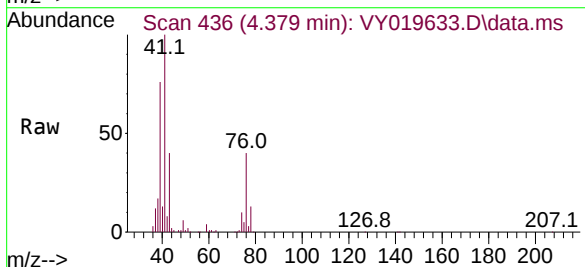
Instrument :
MSVOA_Y
ClientSampleId :

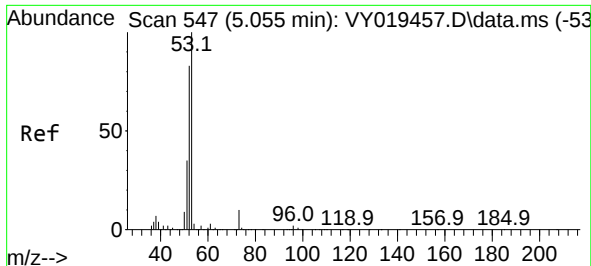
Tgt Ion: 56 Resp: 21774
Ion Ratio Lower Upper
56 100
55 67.6 55.7 83.5



#14
Allyl chloride
Concen: 51.349 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 41 Resp: 290768
Ion Ratio Lower Upper
41 100
39 73.6 58.3 87.5
76 38.0 39.0 58.6#





#15

Acrylonitrile

Concen: 269.699 ug/l

RT: 5.049 min Scan# 54

Delta R.T. -0.006 min

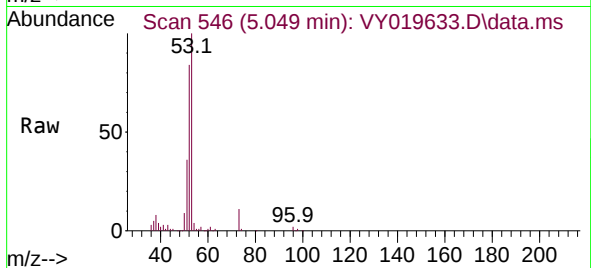
Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :



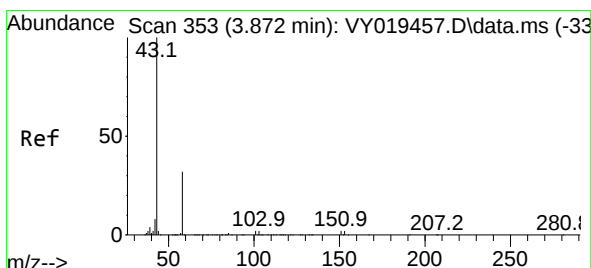
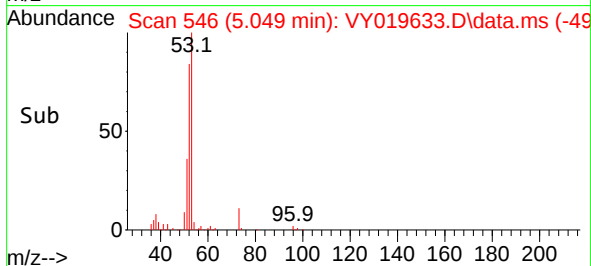
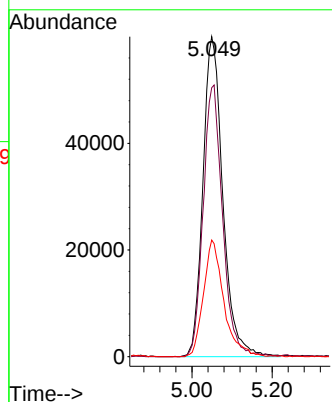
Tgt Ion: 53 Resp: 207186

Ion Ratio Lower Upper

53 100

52 83.0 64.7 97.1

51 37.2 28.4 42.6



#16

Acetone

Concen: 263.448 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY019633.D

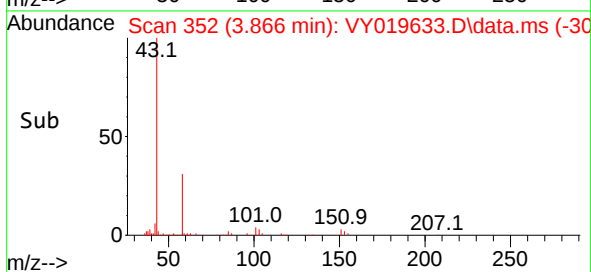
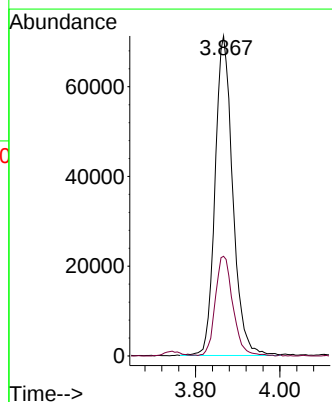
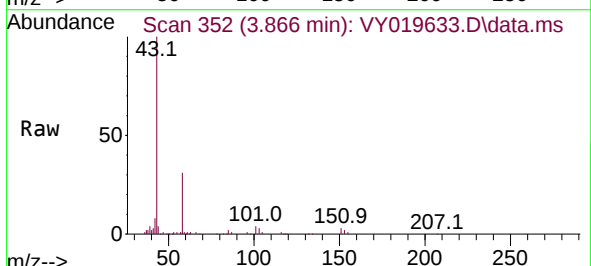
Acq: 19 Sep 2024 15:41

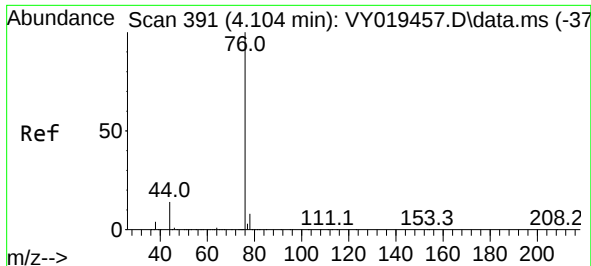
Tgt Ion: 43 Resp: 206840

Ion Ratio Lower Upper

43 100

58 30.9 31.7 47.5#

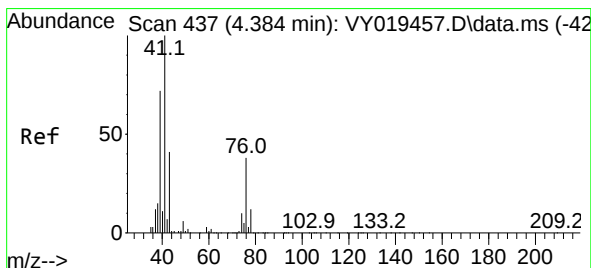
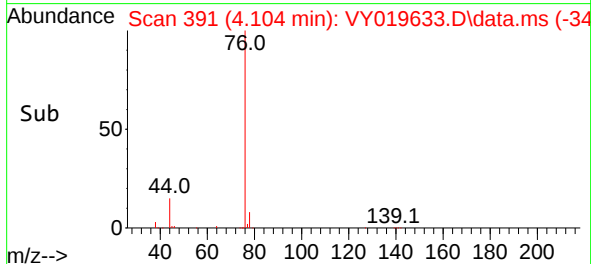
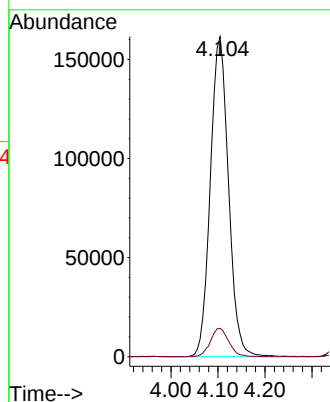
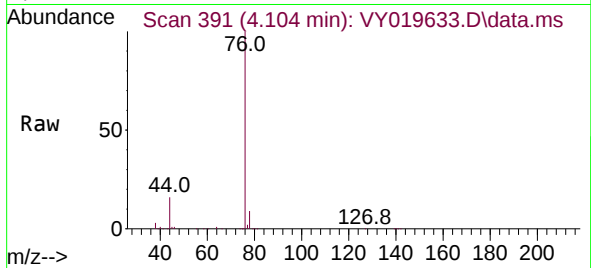




#17
Carbon Disulfide
Concen: 50.705 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

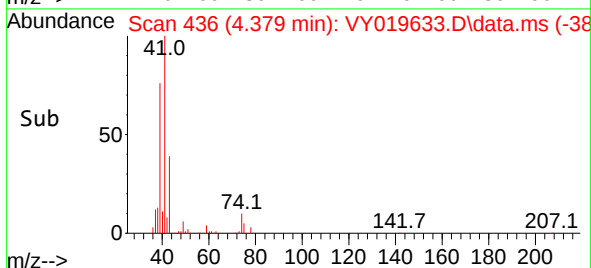
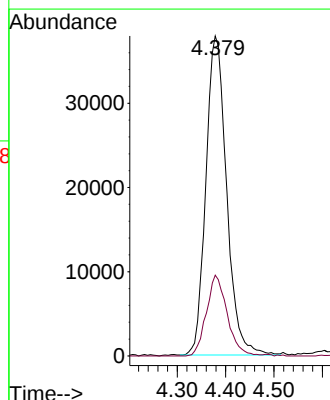
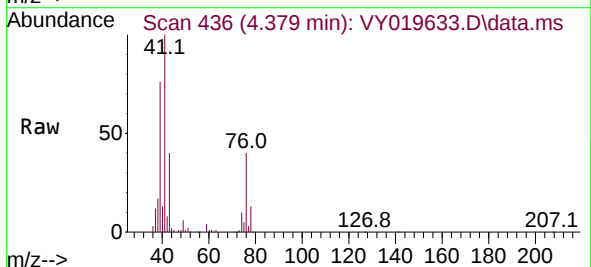
Instrument :
MSVOA_Y
ClientSampleId :

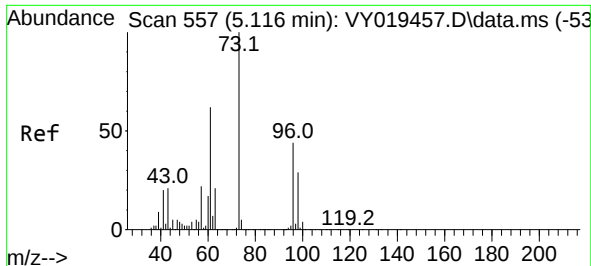
Tgt Ion: 76 Resp: 432587
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 52.876 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 43 Resp: 112661
Ion Ratio Lower Upper
43 100
74 25.4 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 54.928 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

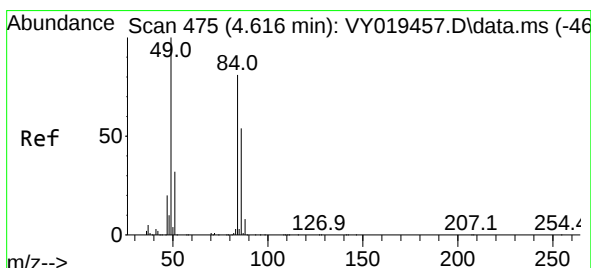
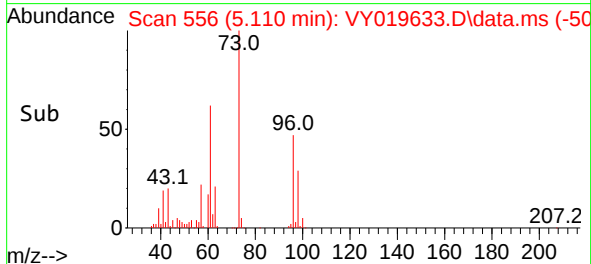
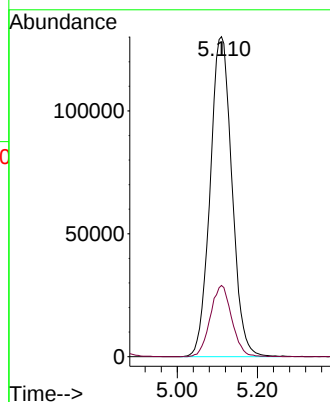
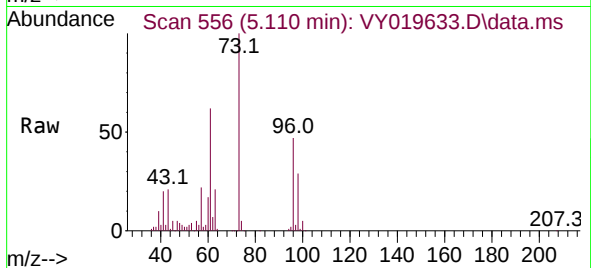
ClientSampleId :

Tgt Ion: 73 Resp: 491231

Ion Ratio Lower Upper

73 100

57 22.3 17.3 25.9



#20

Methylene Chloride

Concen: 54.034 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Tgt Ion: 84 Resp: 193473

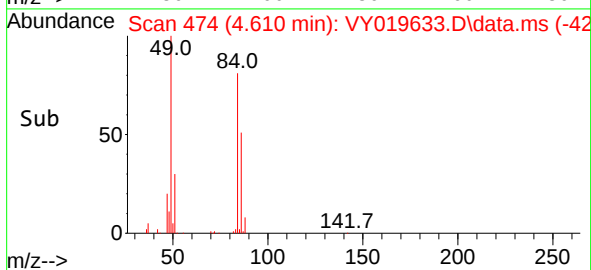
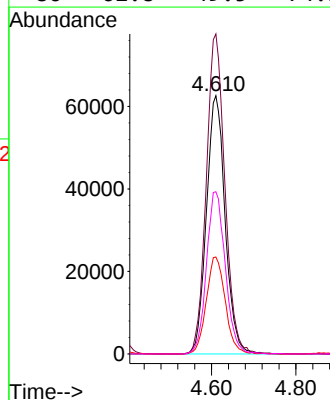
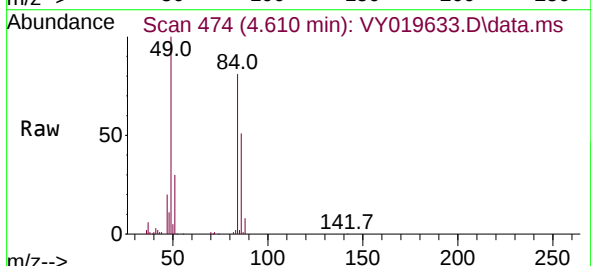
Ion Ratio Lower Upper

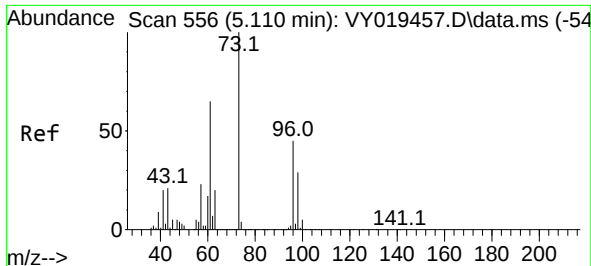
84 100

49 123.9 84.4 126.6

51 37.6 26.0 39.0

86 62.8 49.5 74.3

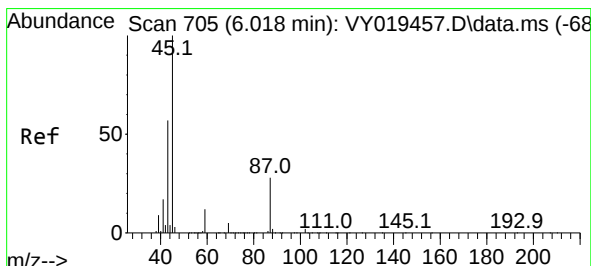
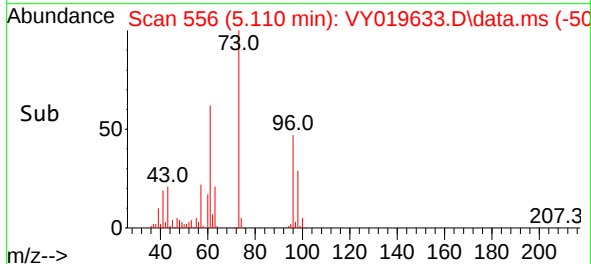
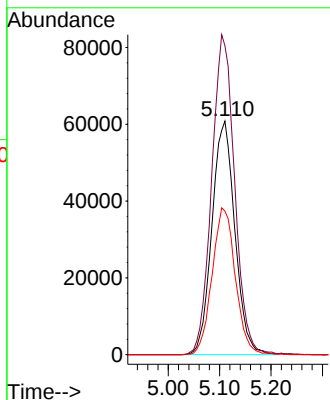
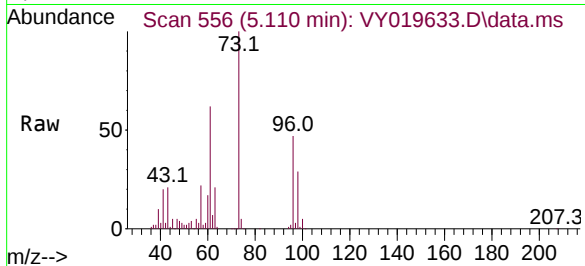




#21
trans-1,2-Dichloroethene
Concen: 54.504 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

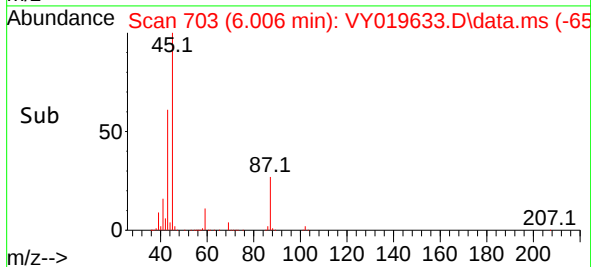
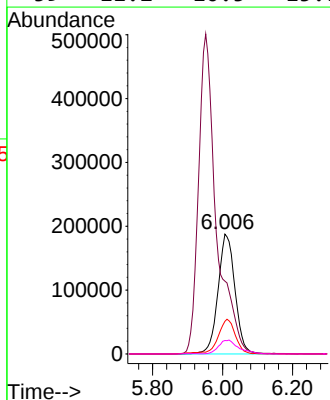
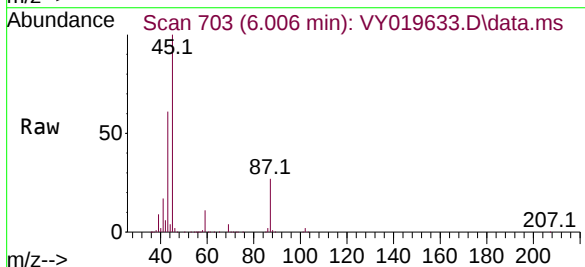
Instrument :
MSVOA_Y
ClientSampleId :

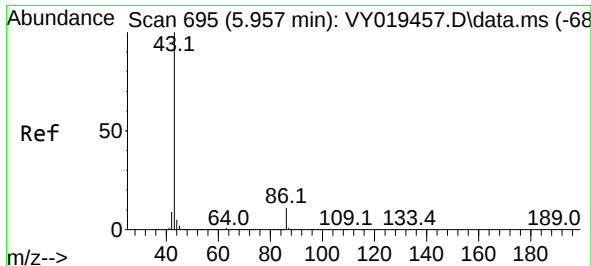
Tgt Ion: 96 Resp: 188643
Ion Ratio Lower Upper
96 100
61 132.3 97.5 146.3
98 61.4 50.5 75.7



#22
Diisopropyl ether
Concen: 54.266 ug/l
RT: 6.006 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 45 Resp: 631016
Ion Ratio Lower Upper
45 100
43 60.7 42.2 63.2
87 27.3 25.0 37.6
59 11.2 10.5 15.7

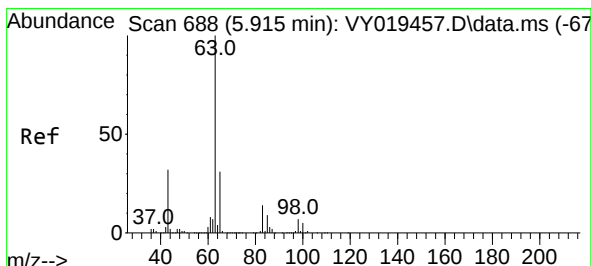
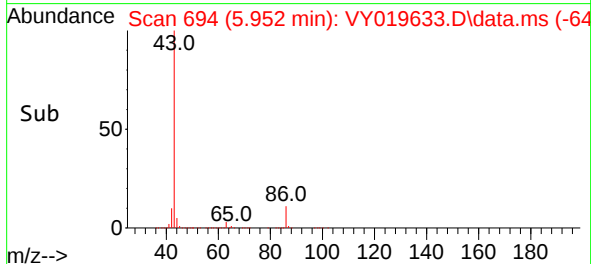
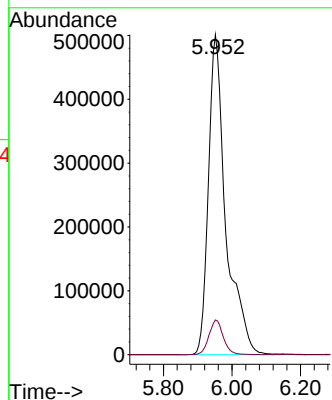
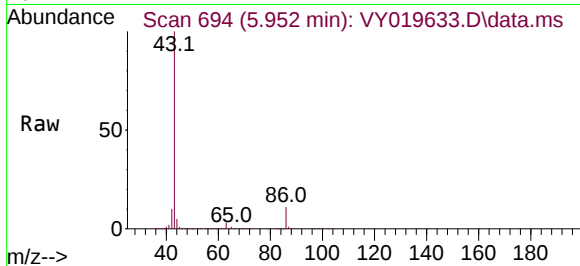




#23
 Vinyl Acetate
 Concen: 266.750 ug/l
 RT: 5.952 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY019633.D
 Acq: 19 Sep 2024 15:41

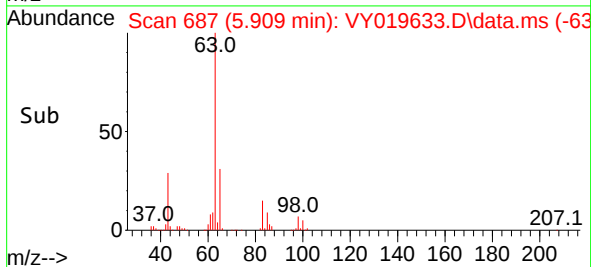
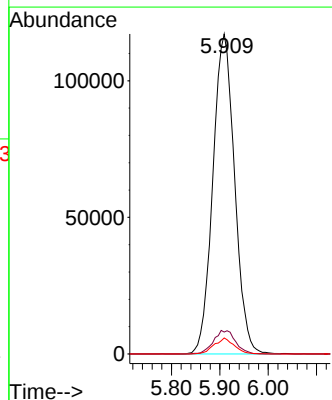
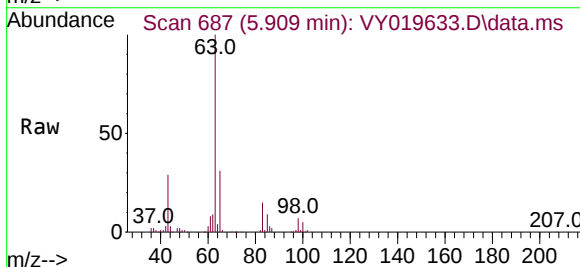
Instrument :
 MSVOA_Y
 ClientSampleId :

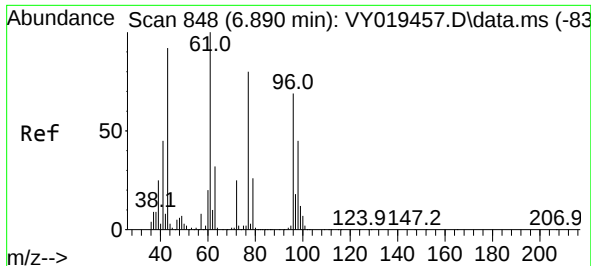
Tgt Ion: 43 Resp: 1771738
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 56.110 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019633.D
 Acq: 19 Sep 2024 15:41

Tgt Ion: 63 Resp: 366122
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 5.0 2.6 8.0

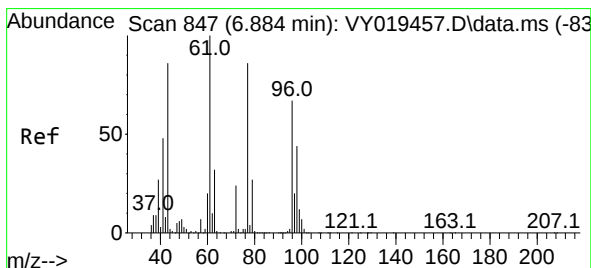
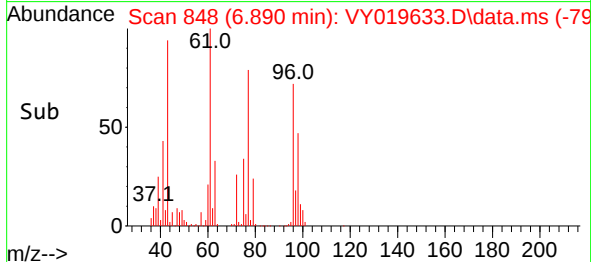
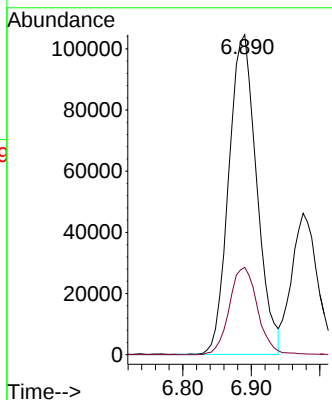
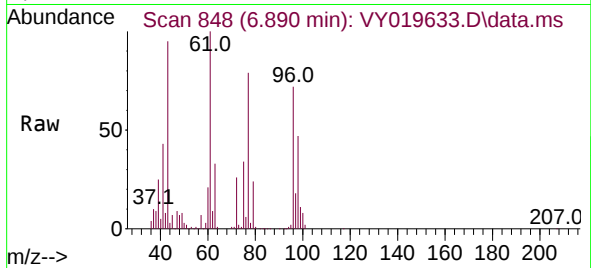




#25
2-Butanone
Concen: 265.200 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

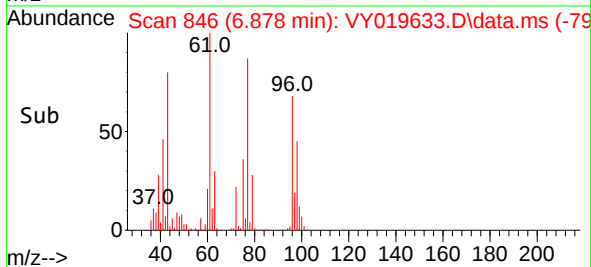
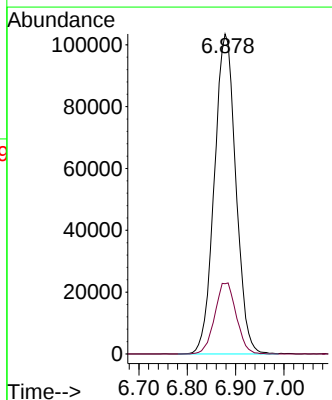
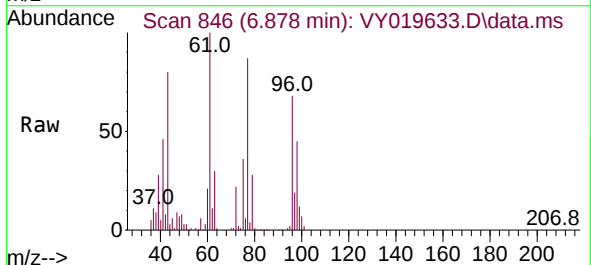
Instrument :
MSVOA_Y
ClientSampleId :

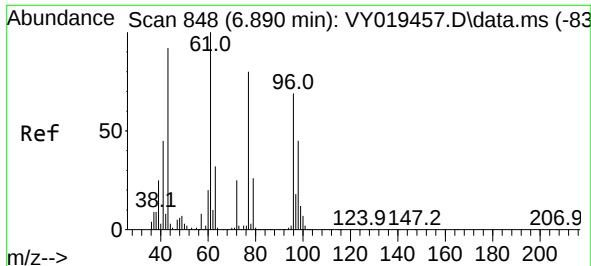
Tgt Ion: 43 Resp: 296135
Ion Ratio Lower Upper
43 100
72 27.3 27.3 40.9



#26
2,2-Dichloropropane
Concen: 54.262 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

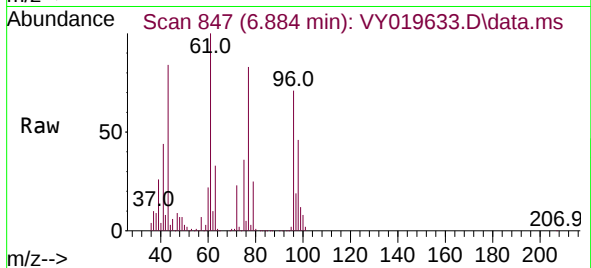
Tgt Ion: 77 Resp: 319381
Ion Ratio Lower Upper
77 100
97 22.3 12.0 36.1



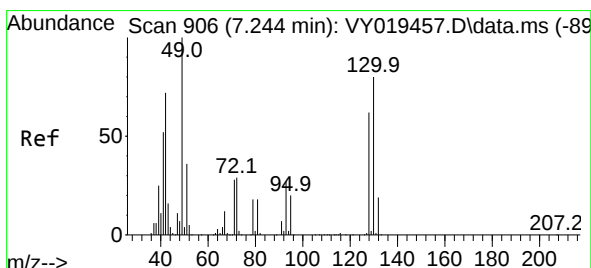
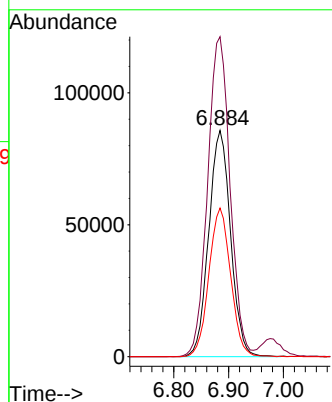
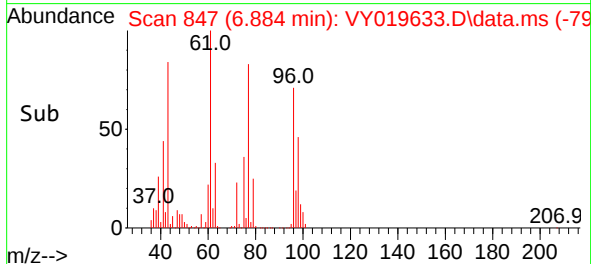


#27
 cis-1,2-Dichloroethene
 Concen: 56.441 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019633.D
 Acq: 19 Sep 2024 15:41

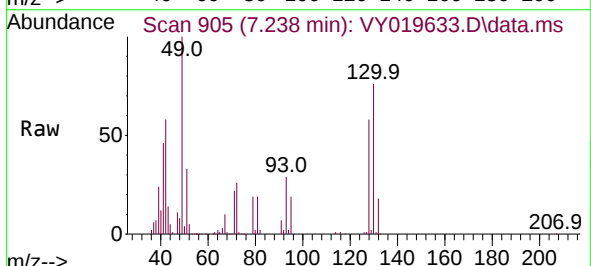
Instrument :
 MSVOA_Y
 ClientSampleId :



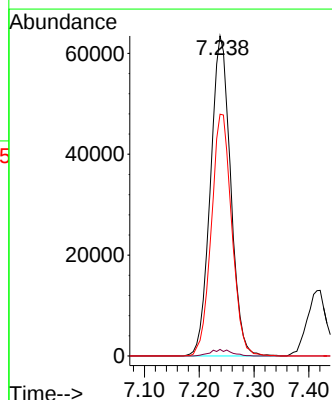
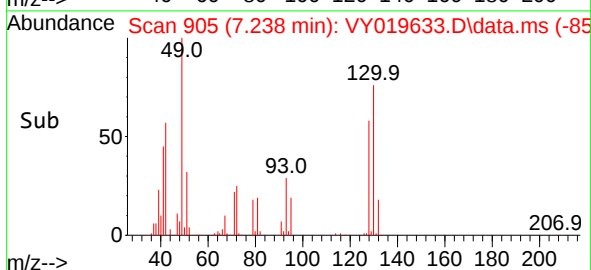
Tgt Ion: 96 Resp: 237290
 Ion Ratio Lower Upper
 96 100
 61 145.7 0.0 256.2
 98 65.5 0.0 130.0

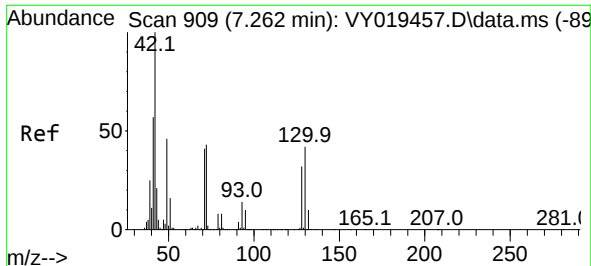


#28
 Bromochloromethane
 Concen: 59.017 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY019633.D
 Acq: 19 Sep 2024 15:41



Tgt Ion: 49 Resp: 162027
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 76.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 262.321 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

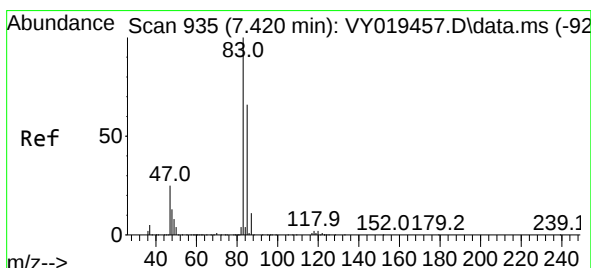
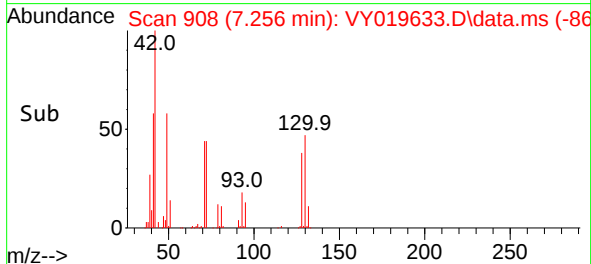
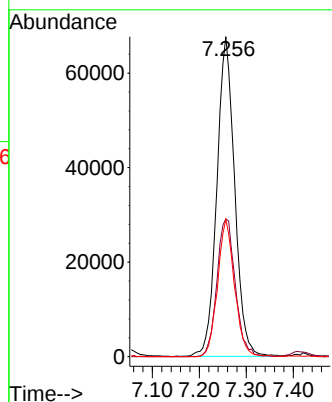
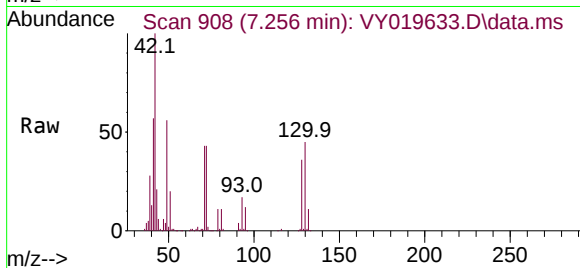
Tgt Ion: 42 Resp: 178100

Ion Ratio Lower Upper

42 100

72 44.8 43.0 64.4

71 40.8 40.8 61.2



#30

Chloroform

Concen: 58.152 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY019633.D

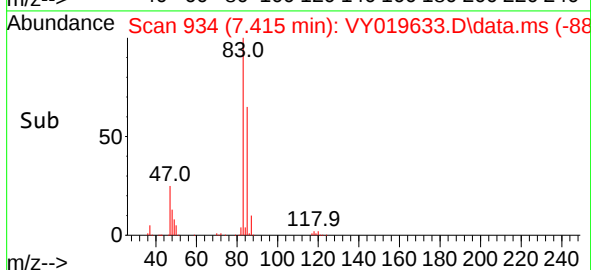
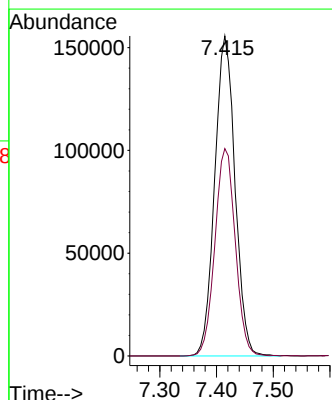
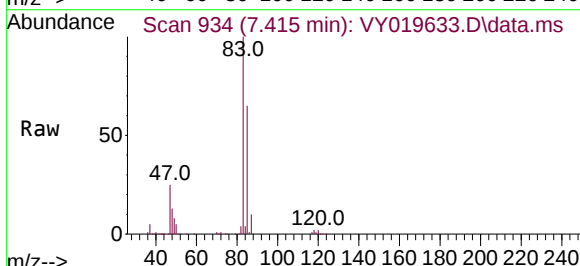
Acq: 19 Sep 2024 15:41

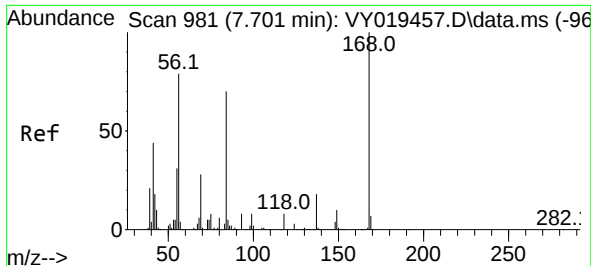
Tgt Ion: 83 Resp: 387358

Ion Ratio Lower Upper

83 100

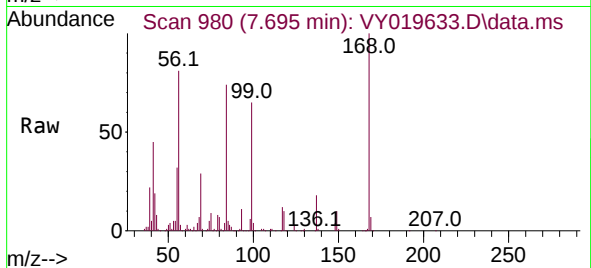
85 64.8 52.2 78.4



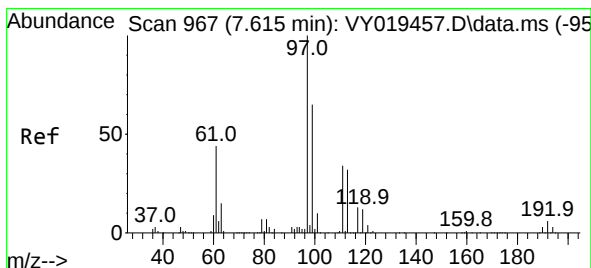
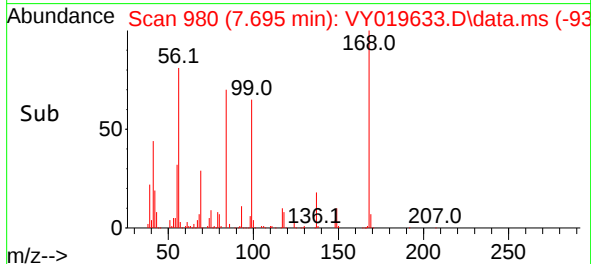
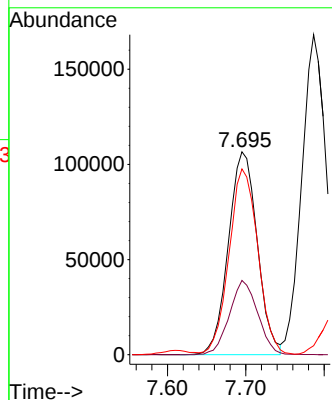


#31
Cyclohexane
Concen: 46.283 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

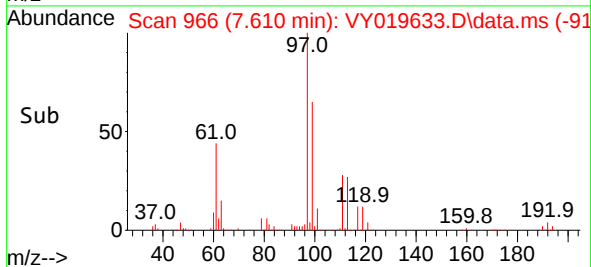
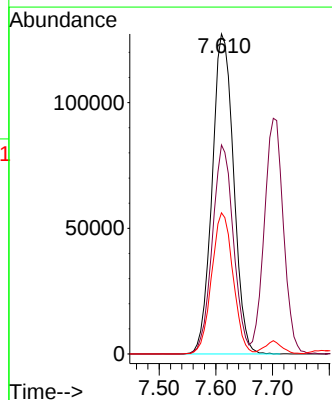
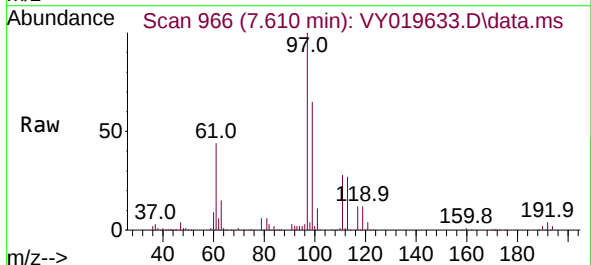


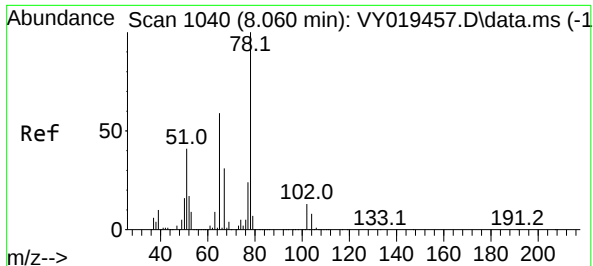
Tgt Ion: 56 Resp: 272979
Ion Ratio Lower Upper
56 100
69 36.6 28.7 43.1
84 89.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 56.097 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 97 Resp: 334930
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 44.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 54.472 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

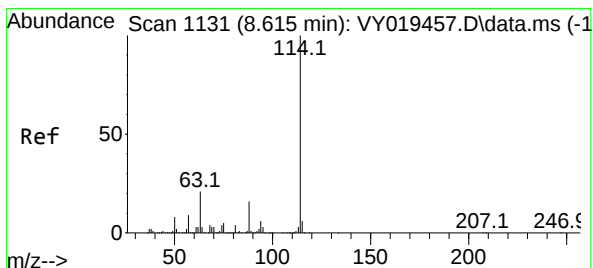
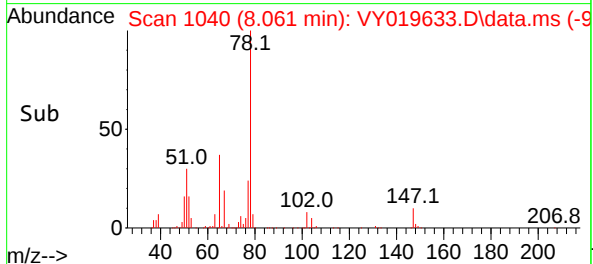
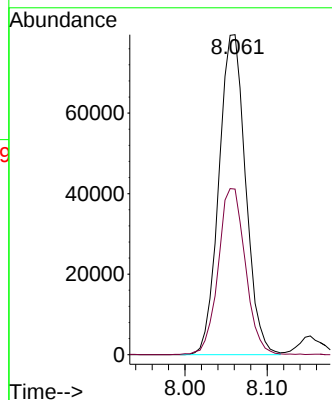
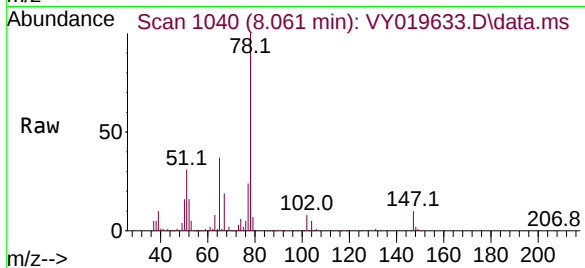
ClientSampleId :

Tgt Ion: 65 Resp: 179516

Ion Ratio Lower Upper

65 100

67 52.8 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: VY019633.D

Acq: 19 Sep 2024 15:41

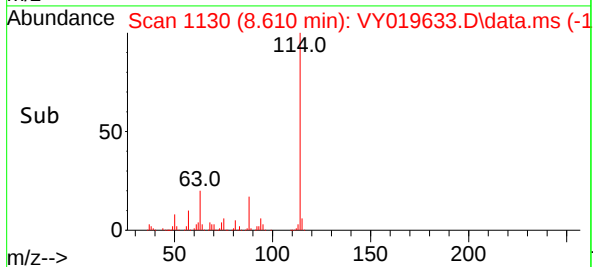
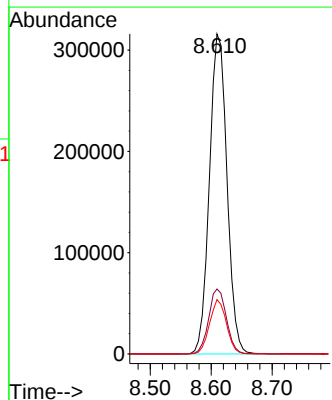
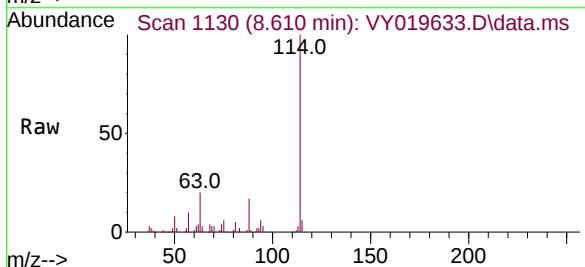
Tgt Ion: 114 Resp: 632691

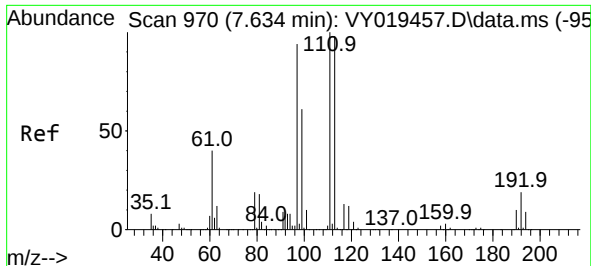
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

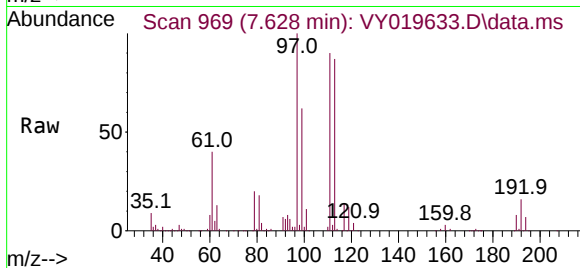
88 17.0 0.0 27.2



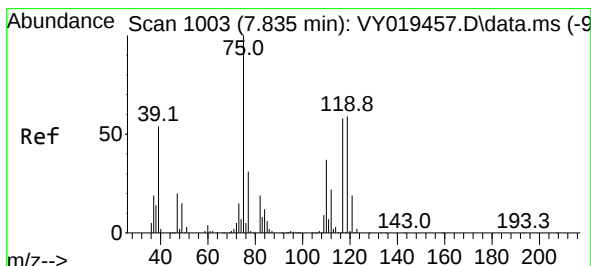
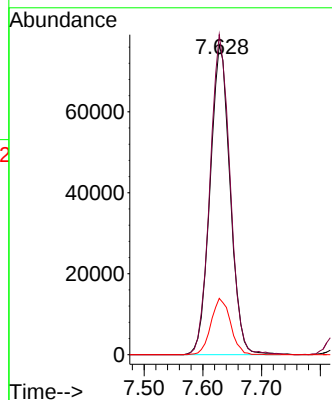
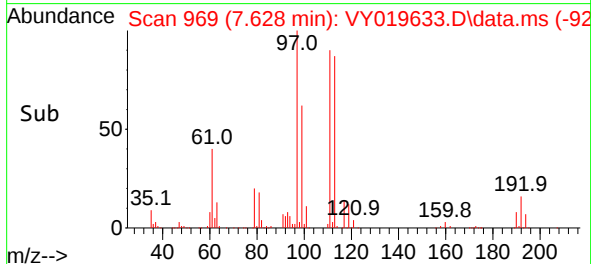


#35
Dibromofluoromethane
Concen: 50.444 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

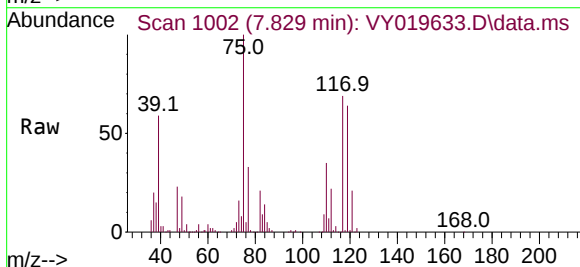
Instrument :
MSVOA_Y
ClientSampleId :



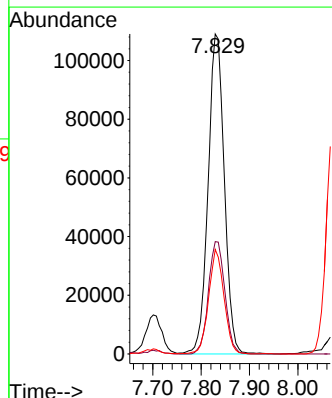
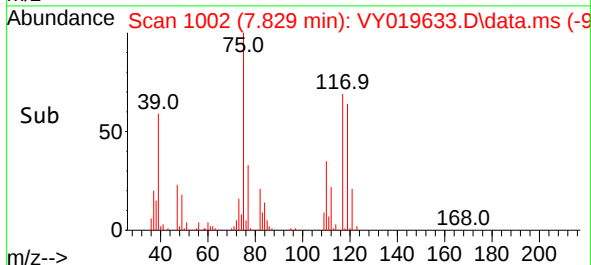
Tgt Ion:113 Resp: 180956
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.8 15.9 23.9

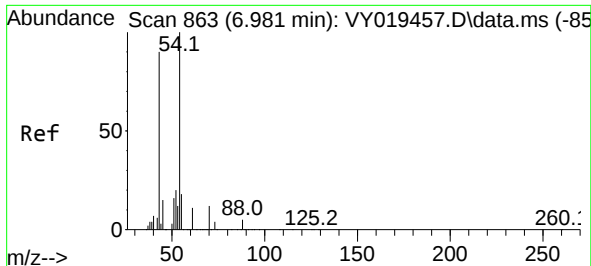


#36
1,1-Dichloropropene
Concen: 52.156 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41



Tgt Ion: 75 Resp: 254586
Ion Ratio Lower Upper
75 100
110 35.5 19.0 57.0
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 50.041 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

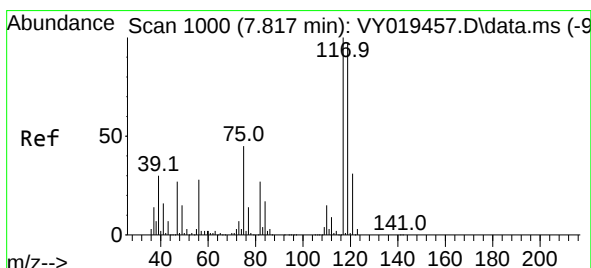
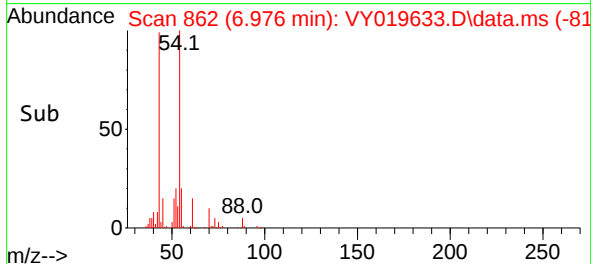
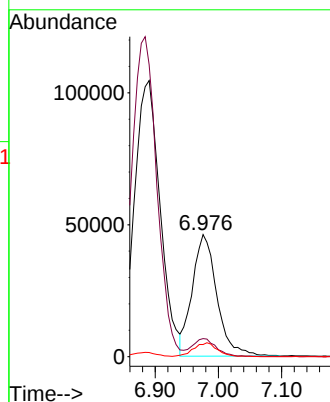
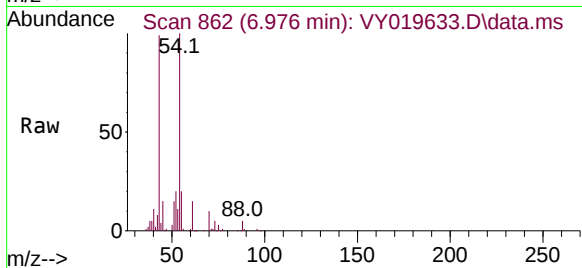
Tgt Ion: 43 Resp: 125153

Ion Ratio Lower Upper

43 100

61 14.3 12.6 19.0

70 11.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 52.198 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

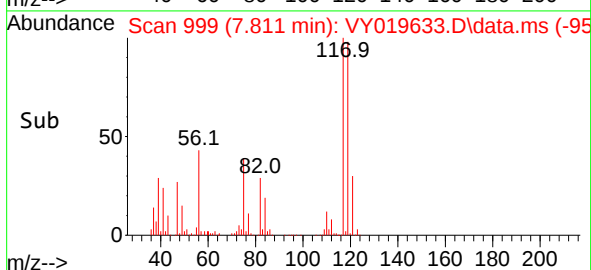
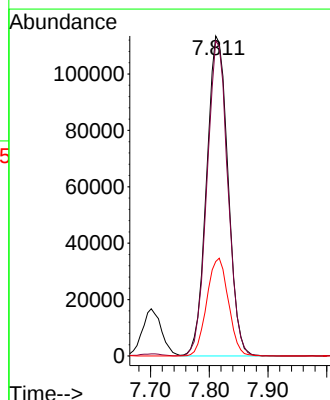
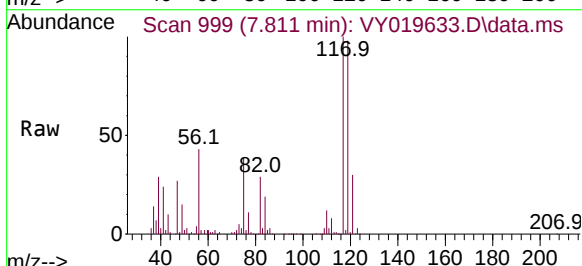
Tgt Ion: 117 Resp: 287320

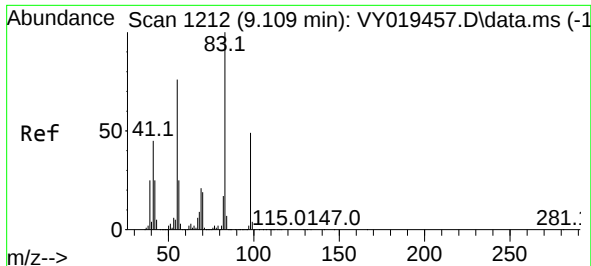
Ion Ratio Lower Upper

117 100

119 98.4 75.8 113.6

121 29.5 24.0 36.0





#39

Methylcyclohexane

Concen: 46.248 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

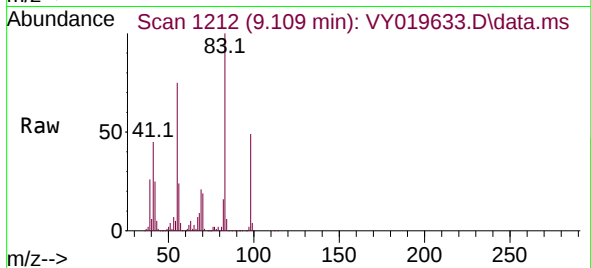
Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :



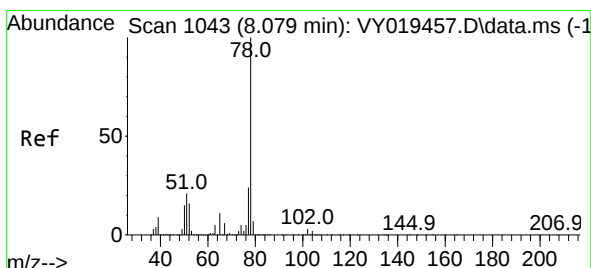
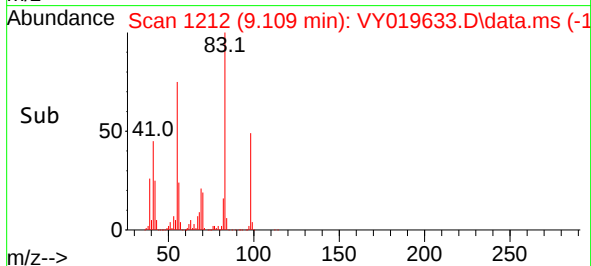
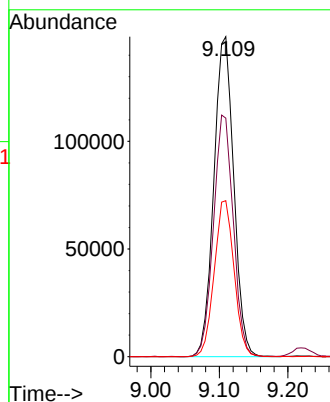
Tgt Ion: 83 Resp: 300417

Ion Ratio Lower Upper

83 100

55 74.5 51.5 77.3

98 48.8 40.5 60.7



#40

Benzene

Concen: 53.442 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY019633.D

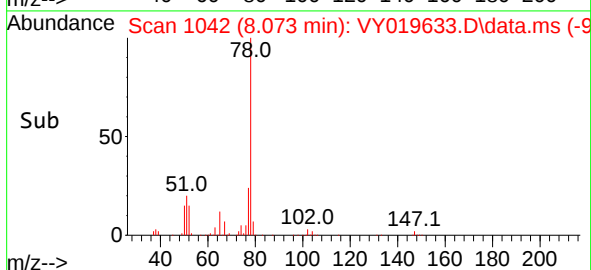
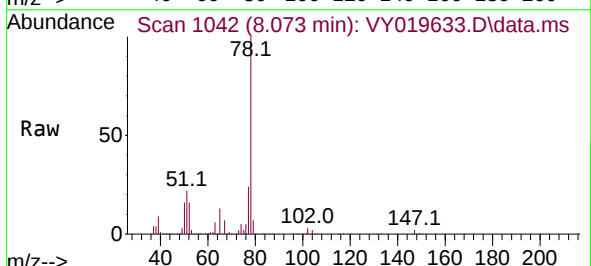
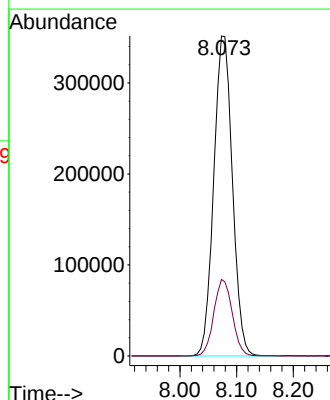
Acq: 19 Sep 2024 15:41

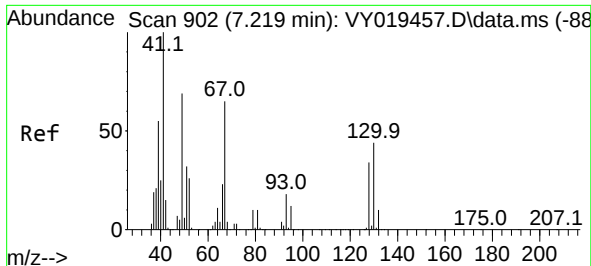
Tgt Ion: 78 Resp: 803469

Ion Ratio Lower Upper

78 100

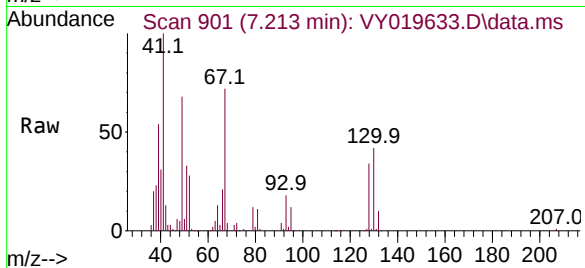
77 23.9 19.5 29.3



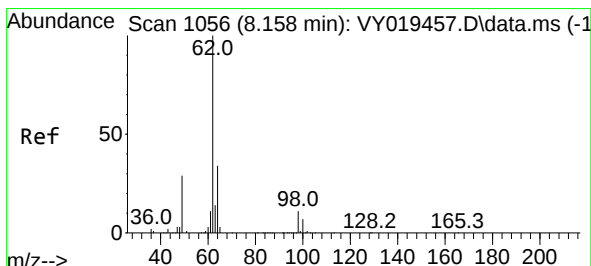
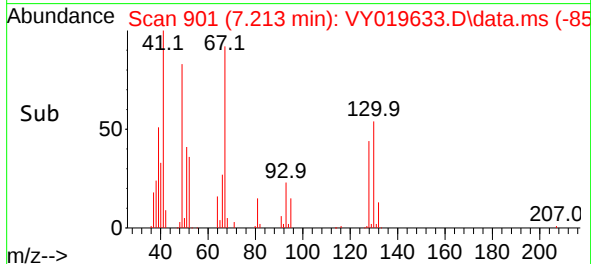
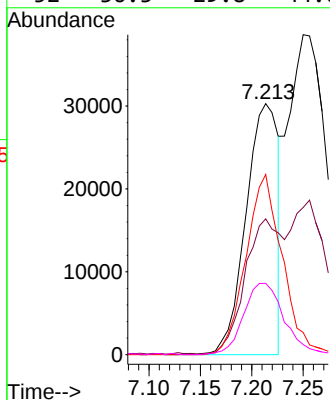


#41
Methacrylonitrile
Concen: 45.321 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

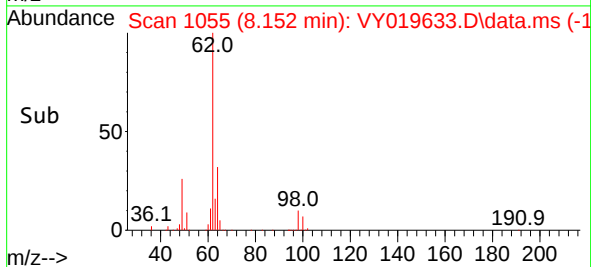
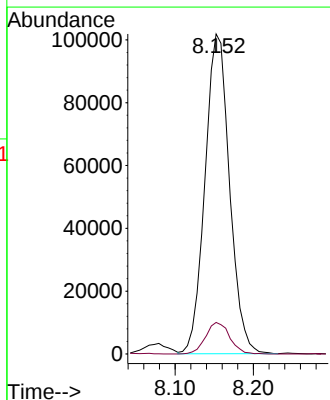
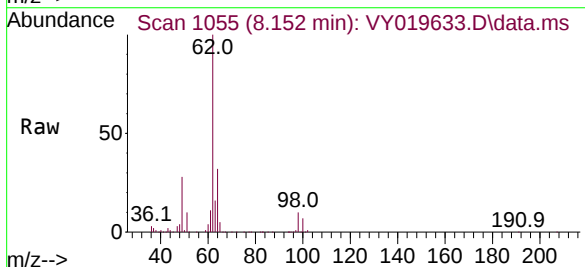


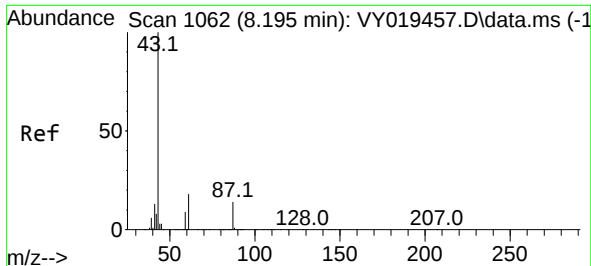
Tgt Ion: 41 Resp: 66073
Ion Ratio Lower Upper
41 100
39 62.7 48.0 72.0
67 81.7 75.1 112.7
52 36.3 29.8 44.6



#42
1,2-Dichloroethane
Concen: 54.921 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 62 Resp: 222184
Ion Ratio Lower Upper
62 100
98 9.6 0.0 22.0

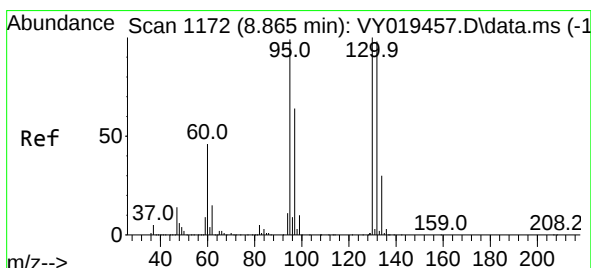
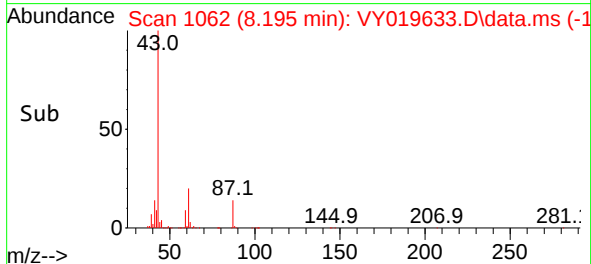
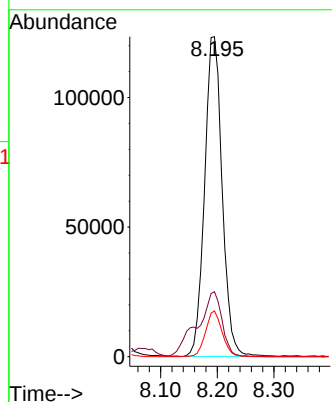
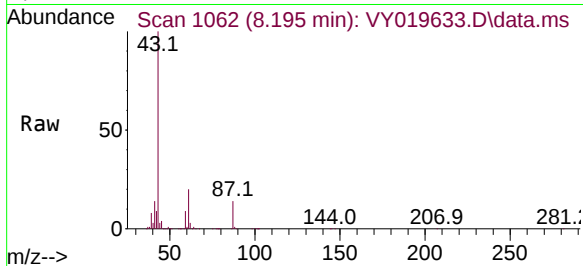




#43
Isopropyl Acetate
Concen: 50.371 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

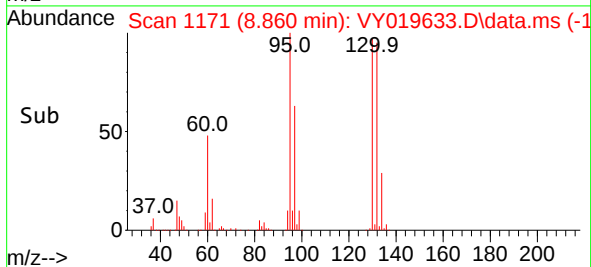
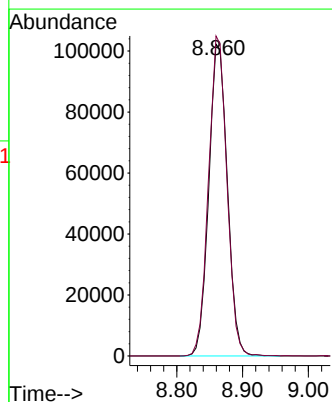
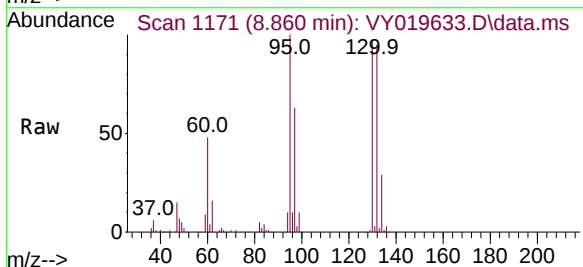
Instrument :
MSVOA_Y
ClientSampleId :

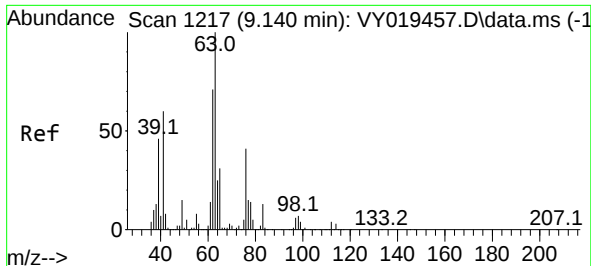
Tgt Ion: 43 Resp: 264669
Ion Ratio Lower Upper
43 100
61 28.8 27.9 41.9
87 13.6 13.1 19.7



#44
Trichloroethene
Concen: 51.924 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion:130 Resp: 200767
Ion Ratio Lower Upper
130 100
95 102.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.930 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

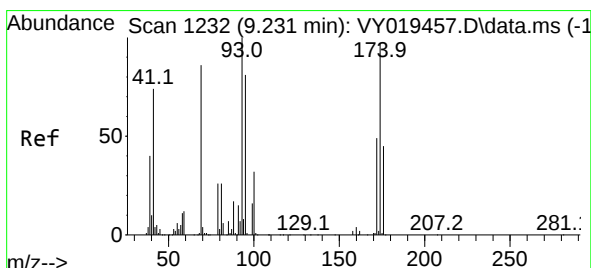
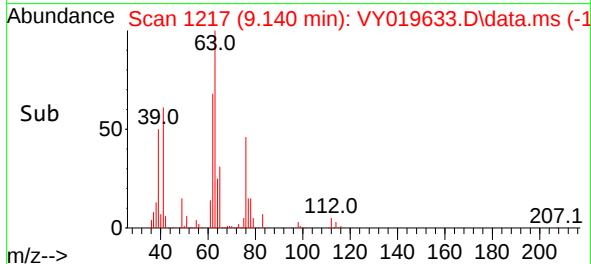
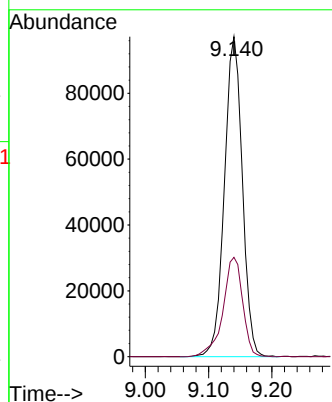
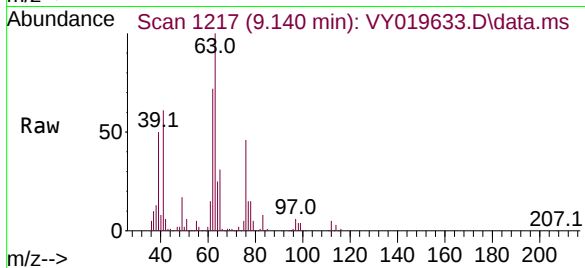
ClientSampleId :

Tgt Ion: 63 Resp: 190868

Ion Ratio Lower Upper

63 100

65 31.1 25.4 38.2



#46

Dibromomethane

Concen: 54.272 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

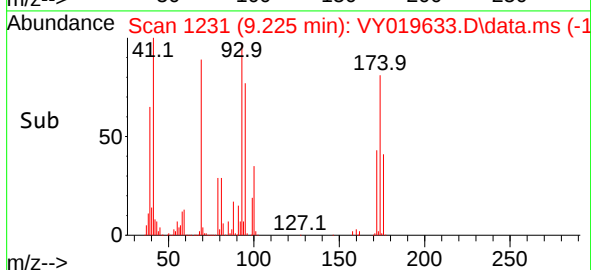
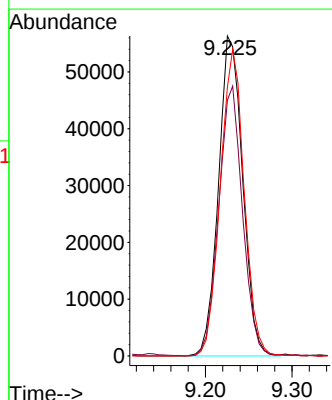
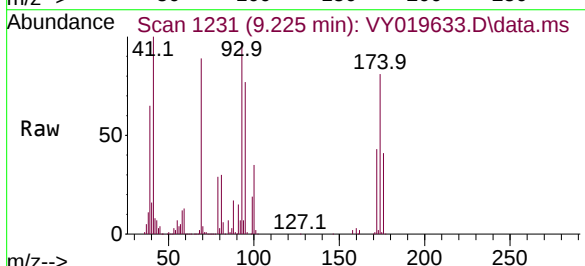
Tgt Ion: 93 Resp: 109084

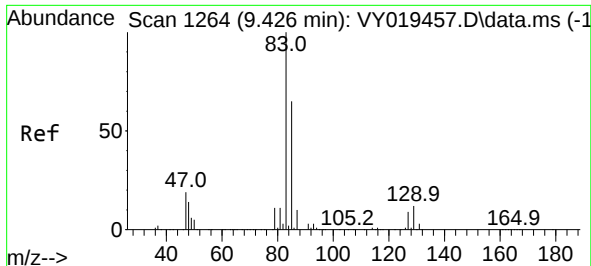
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 94.7 80.9 121.3

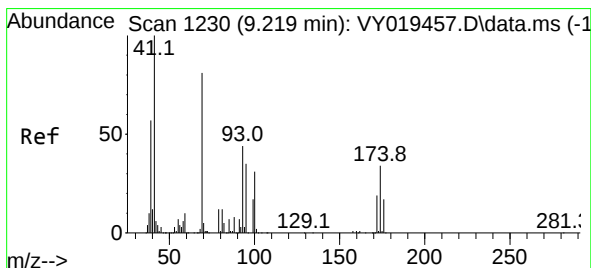
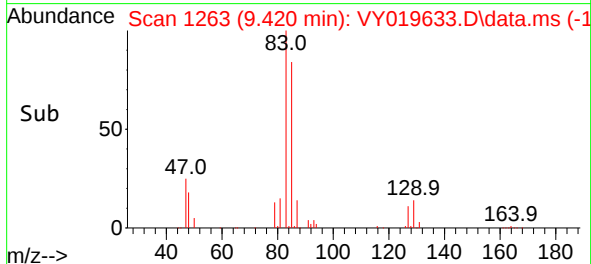
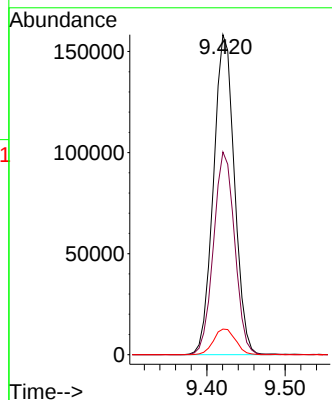
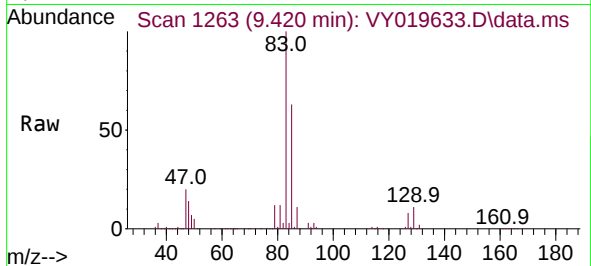




#47
Bromodichloromethane
Concen: 54.535 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

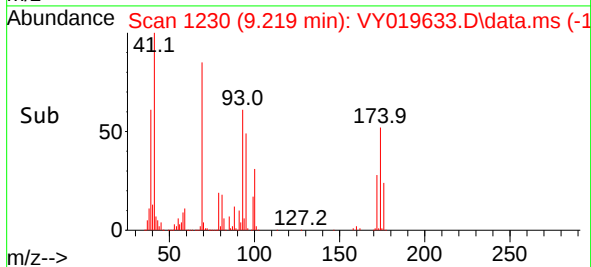
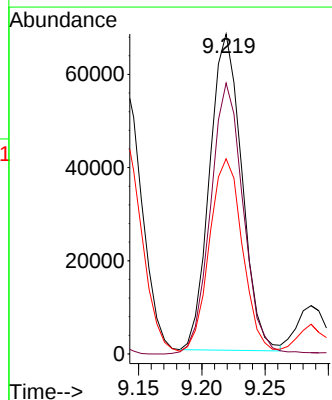
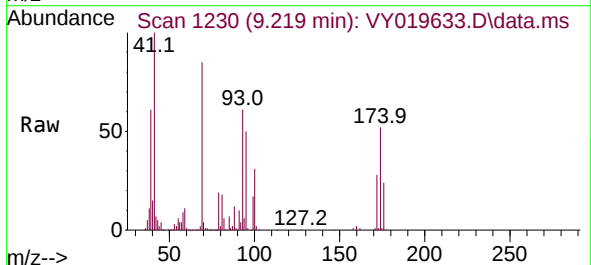
Instrument :
MSVOA_Y
ClientSampleId :

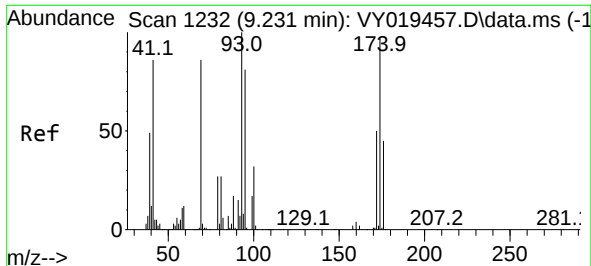
Tgt Ion: 83 Resp: 294649
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.0 7.4 11.0



#48
Methyl methacrylate
Concen: 48.452 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 41 Resp: 120223
Ion Ratio Lower Upper
41 100
69 87.2 84.1 126.1
39 63.7 43.6 65.4

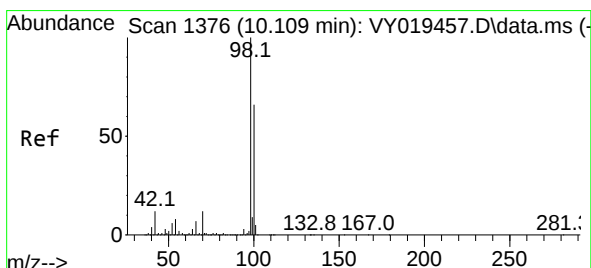
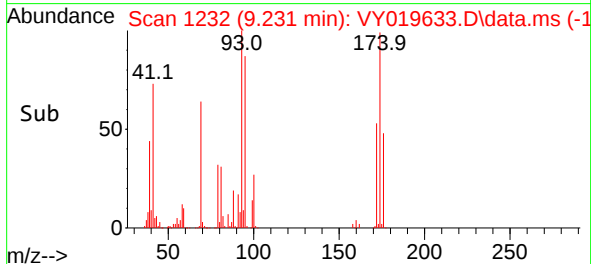
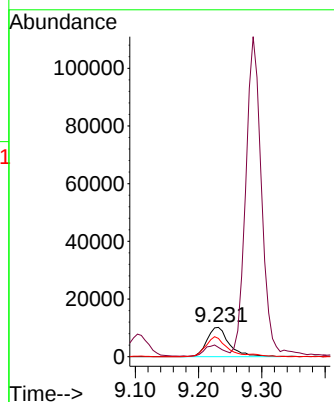
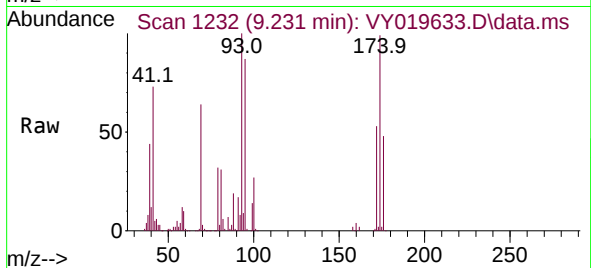




#49
1,4-Dioxane
Concen: 1054.616 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

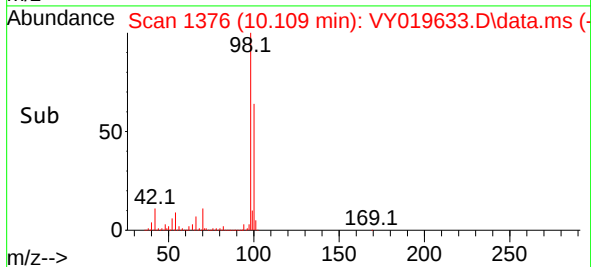
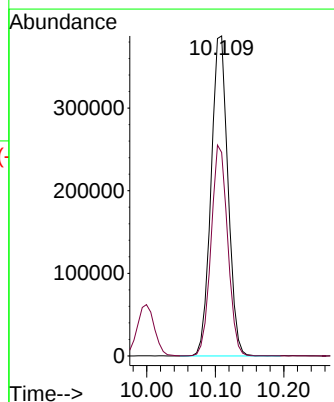
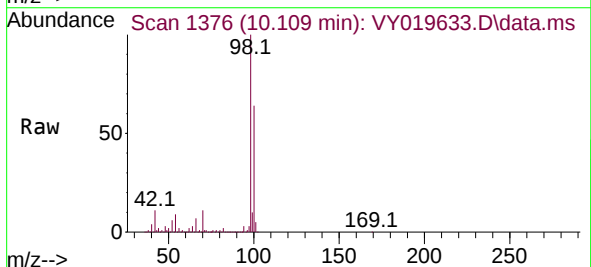
Instrument :
MSVOA_Y
ClientSampleId :

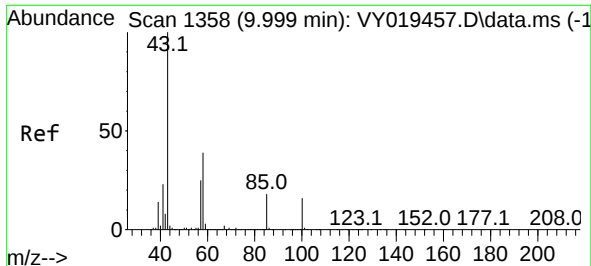
Tgt Ion: 88 Resp: 24954
Ion Ratio Lower Upper
88 100
43 31.9 0.0 0.0#
58 62.9 49.3 73.9



#50
Toluene-d8
Concen: 50.035 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 98 Resp: 663879
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 250.501 ug/l

RT: 10.000 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

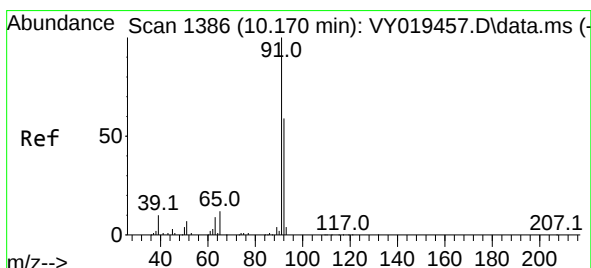
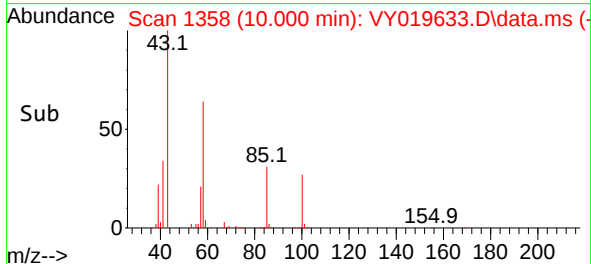
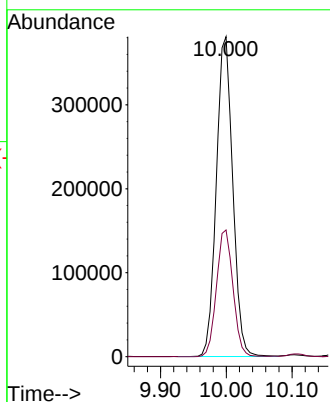
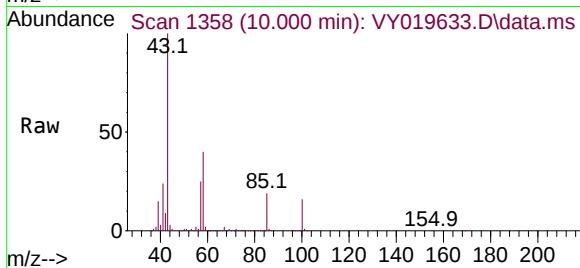
ClientSampleId :

Tgt Ion: 43 Resp: 662189

Ion Ratio Lower Upper

43 100

58 39.9 35.7 53.5



#52

Toluene

Concen: 53.353 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019633.D

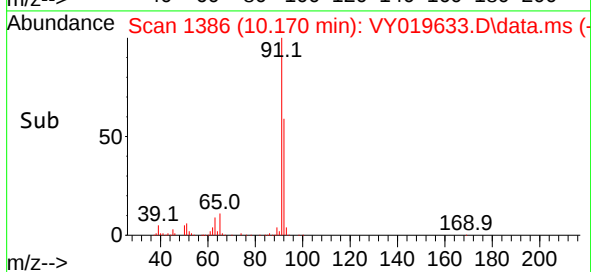
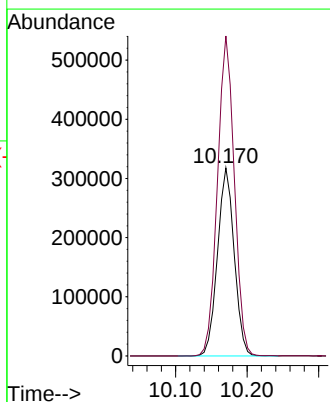
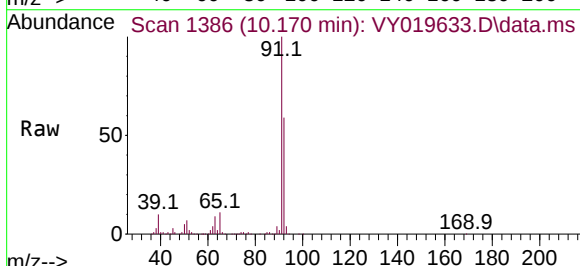
Acq: 19 Sep 2024 15:41

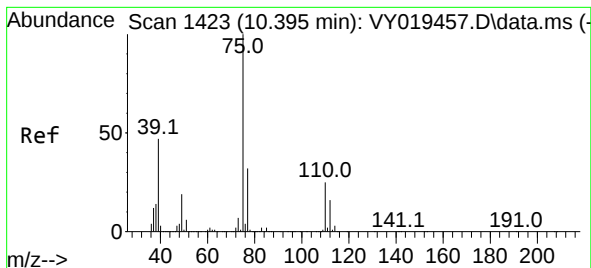
Tgt Ion: 92 Resp: 515880

Ion Ratio Lower Upper

92 100

91 171.9 139.0 208.6

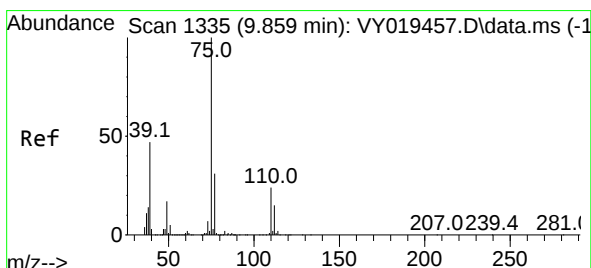
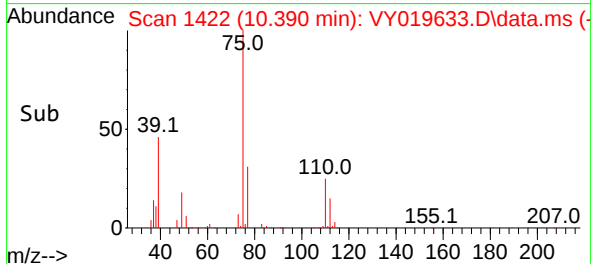
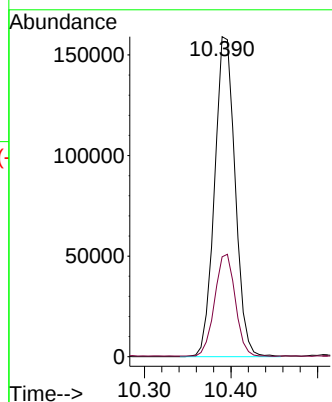
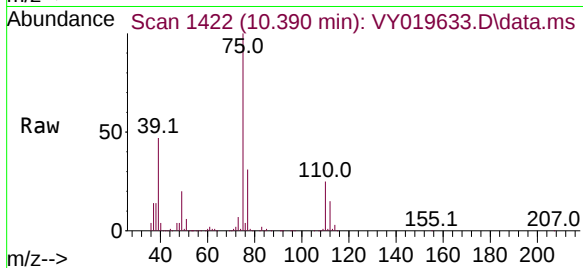




#53
t-1,3-Dichloropropene
Concen: 50.897 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

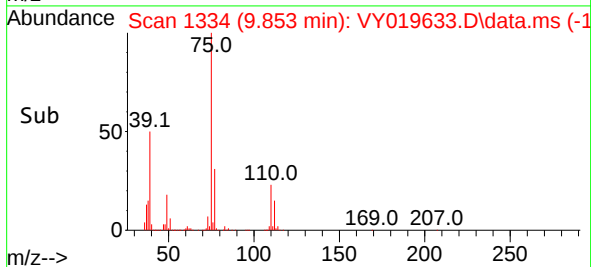
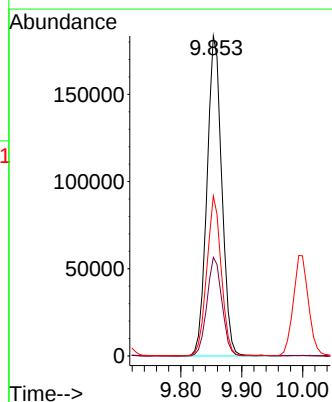
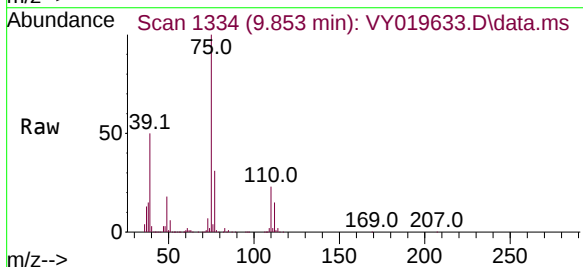
Instrument :
MSVOA_Y
ClientSampleId :

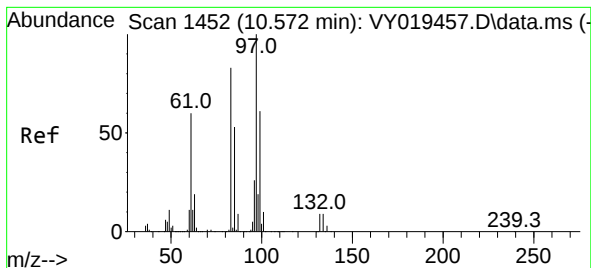
Tgt Ion: 75 Resp: 262140
Ion Ratio Lower Upper
75 100
77 31.0 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 51.757 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 75 Resp: 310400
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 49.9 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 53.147 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

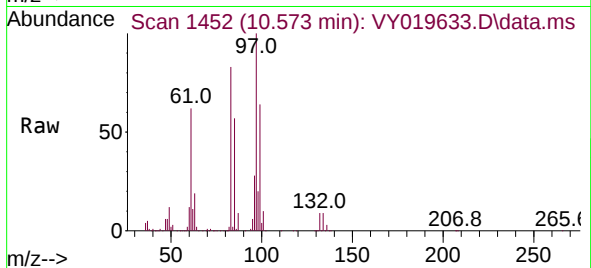
Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 147518

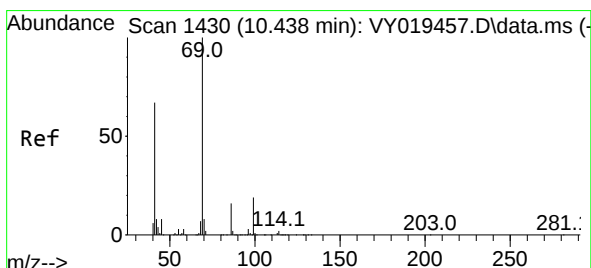
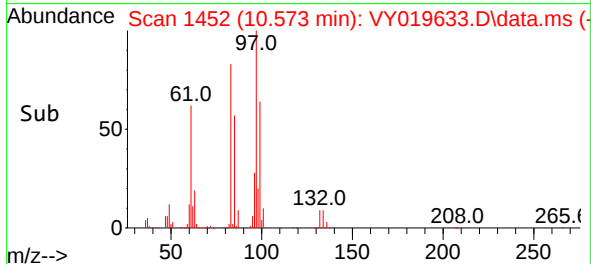
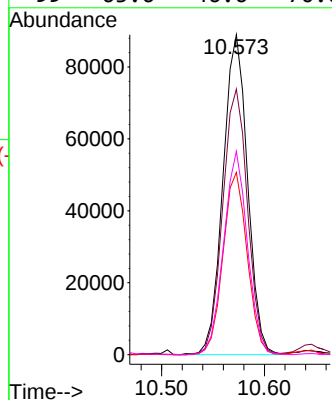
Ion Ratio Lower Upper

97 100

83 83.0 67.5 101.3

85 56.9 42.9 64.3

99 63.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 50.357 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

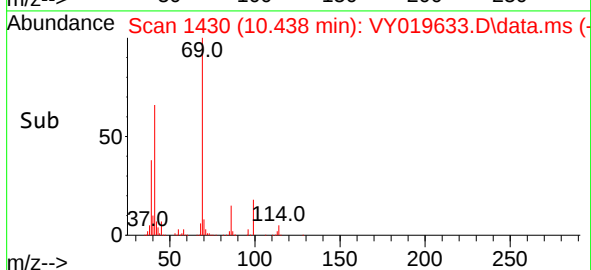
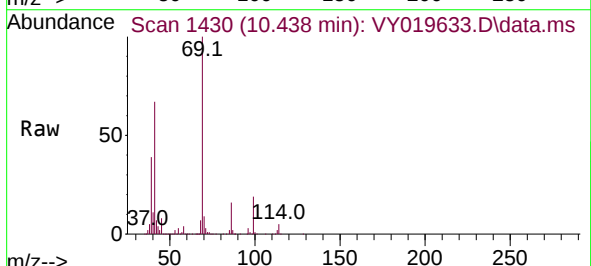
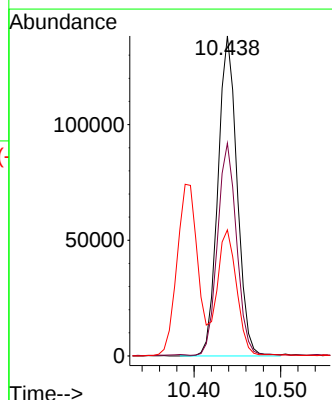
Tgt Ion: 69 Resp: 212325

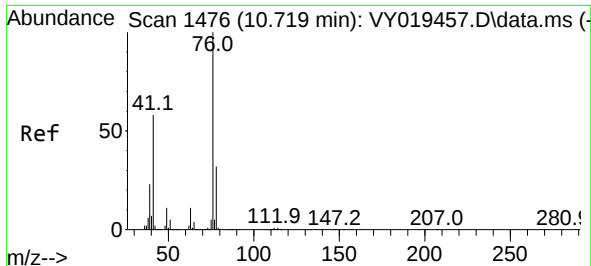
Ion Ratio Lower Upper

69 100

41 66.0 42.3 63.5#

39 40.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 52.868 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

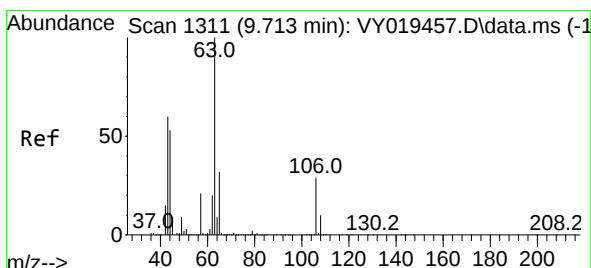
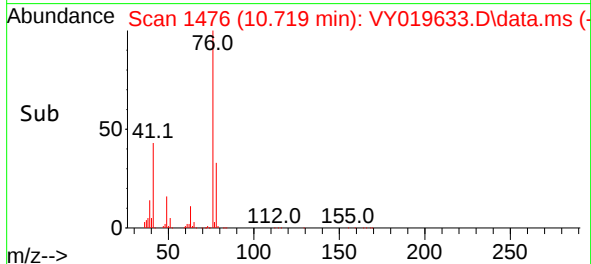
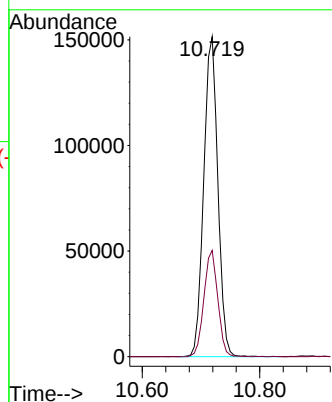
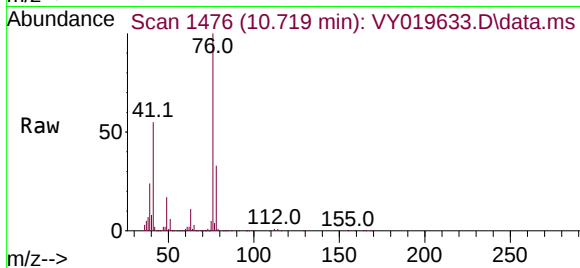
ClientSampleId :

Tgt Ion: 76 Resp: 252244

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 270.066 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019633.D

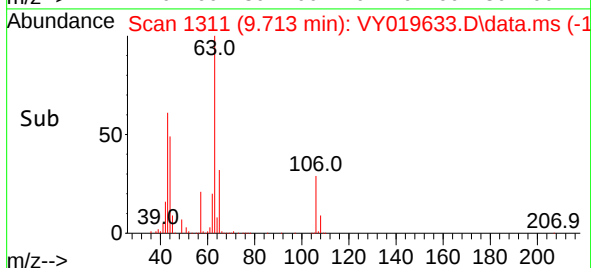
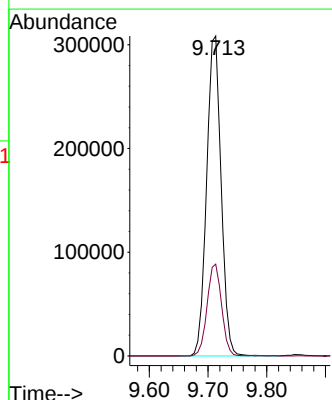
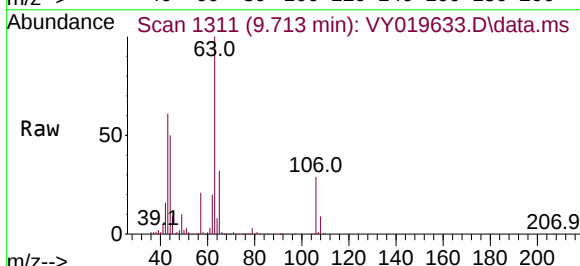
Acq: 19 Sep 2024 15:41

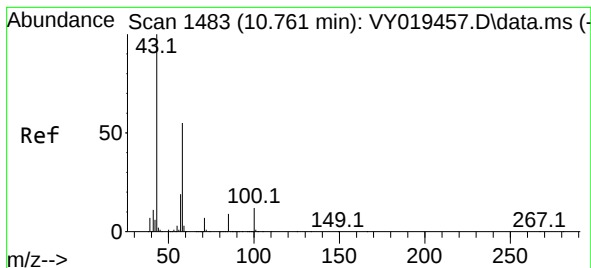
Tgt Ion: 63 Resp: 528511

Ion Ratio Lower Upper

63 100

106 28.7 23.7 35.5

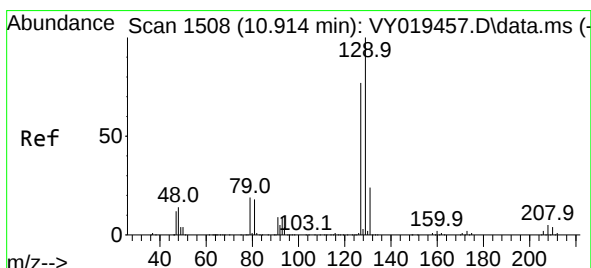
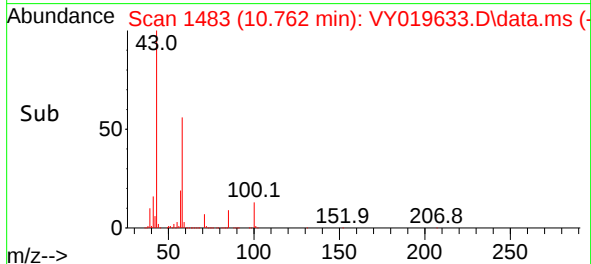
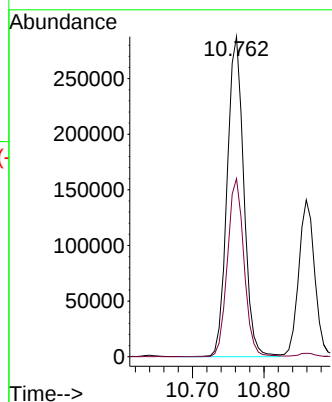
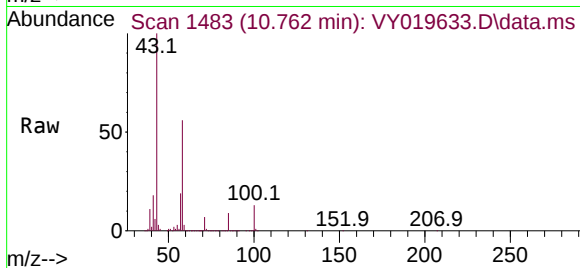




#59
2-Hexanone
Concen: 238.933 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

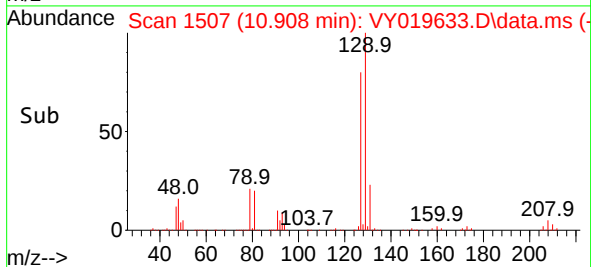
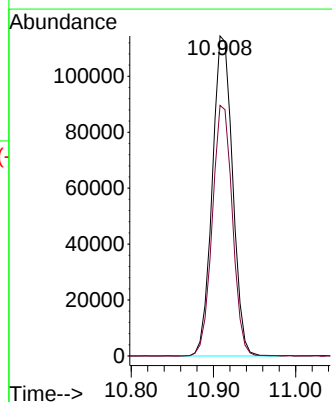
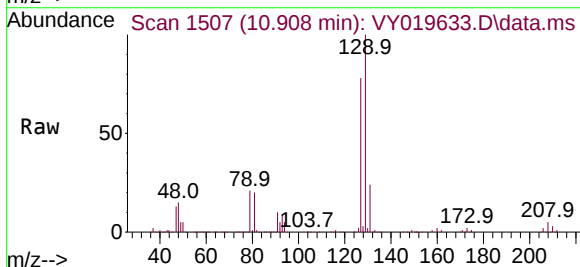
Instrument :
MSVOA_Y
ClientSampleId :

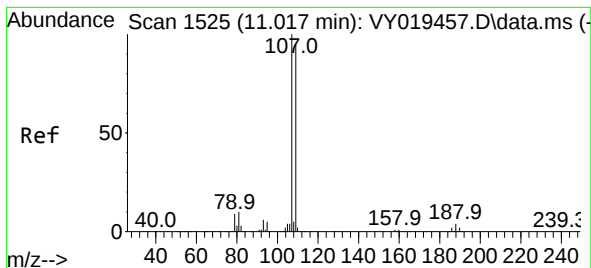
Tgt Ion: 43 Resp: 463052
Ion Ratio Lower Upper
43 100
58 55.5 31.4 94.0



#60
Dibromochloromethane
Concen: 53.427 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 129 Resp: 196169
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

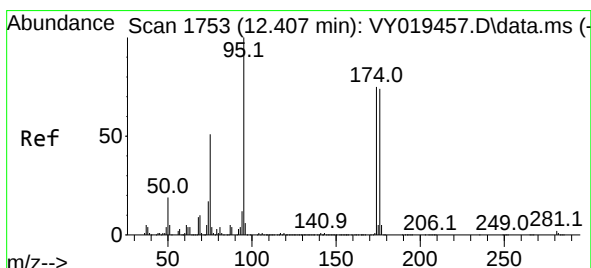
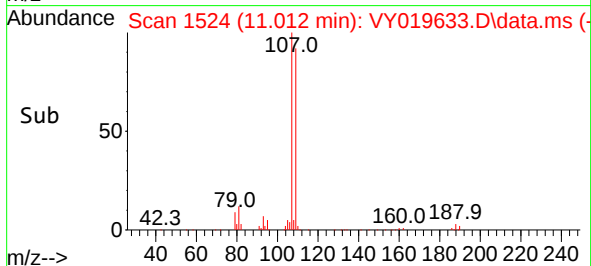
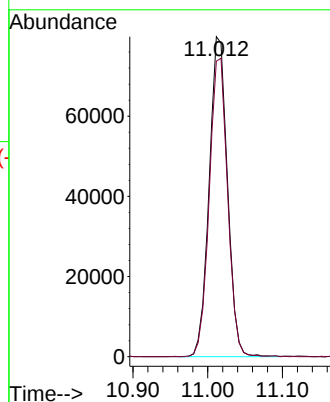
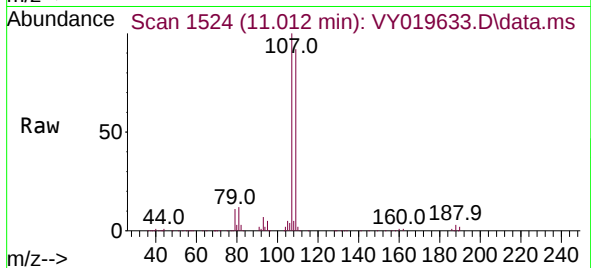




#61
1,2-Dibromoethane
Concen: 52.388 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

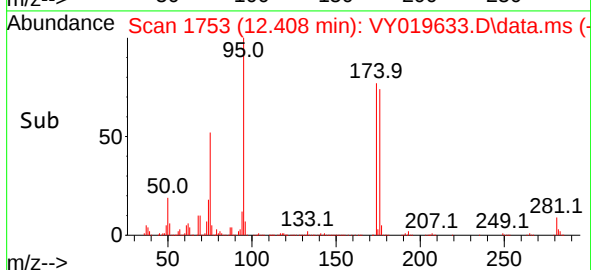
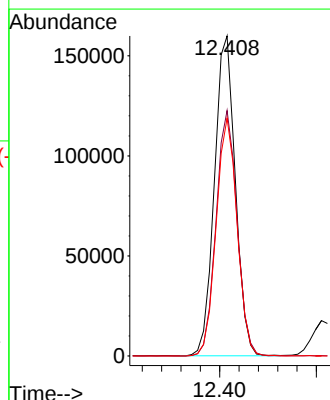
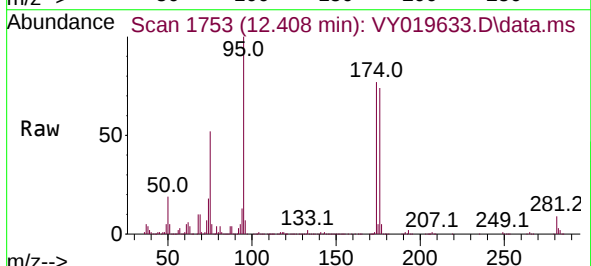
Instrument :
MSVOA_Y
ClientSampleId :

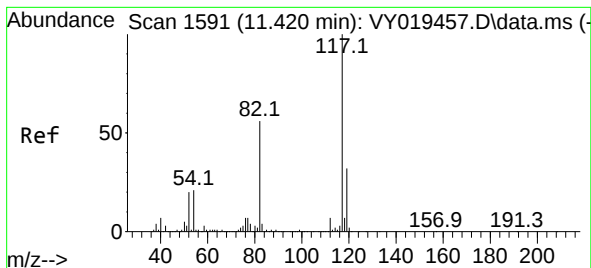
Tgt Ion:107 Resp: 135486
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.961 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 95 Resp: 239584
Ion Ratio Lower Upper
95 100
174 76.9 0.0 175.6
176 74.3 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: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

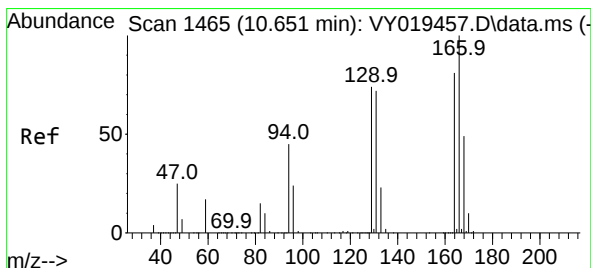
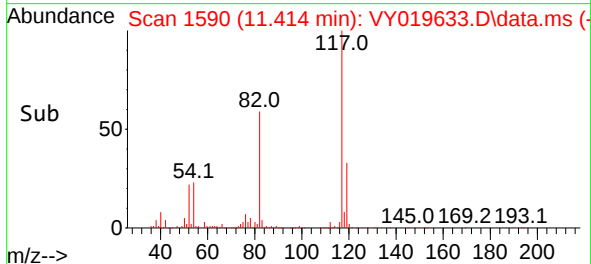
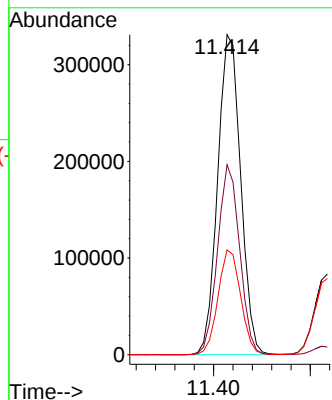
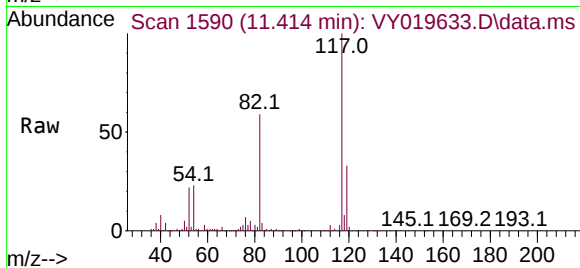
Tgt Ion:117 Resp: 545078

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 32.8 25.9 38.9



#64

Tetrachloroethene

Concen: 51.232 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Tgt Ion:164 Resp: 172927

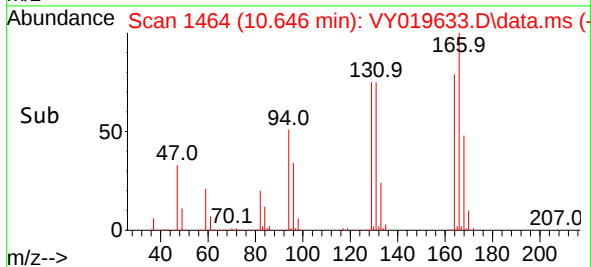
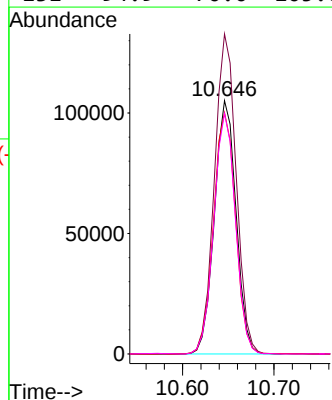
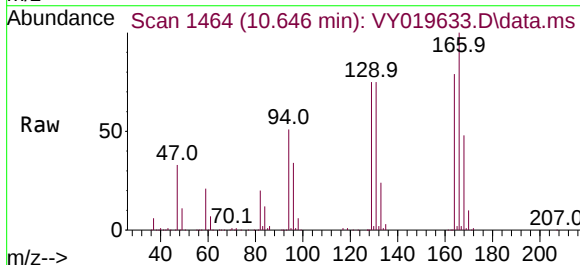
Ion Ratio Lower Upper

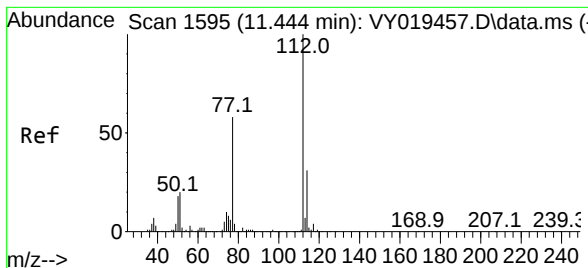
164 100

166 126.3 102.6 154.0

129 95.2 72.0 108.0

131 94.9 70.0 105.0

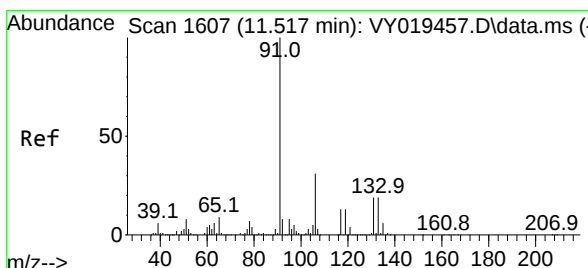
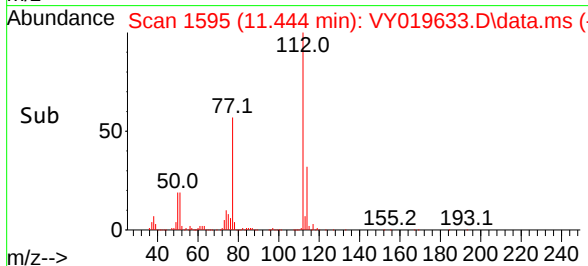
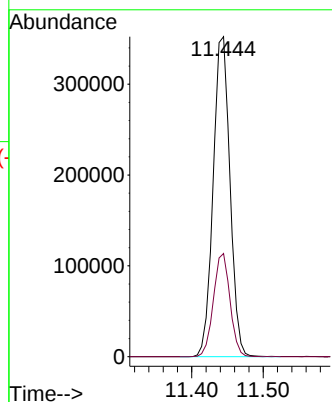
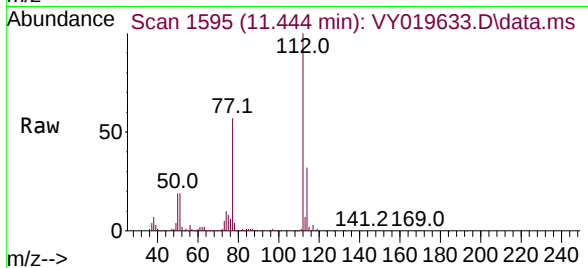




#65
Chlorobenzene
Concen: 53.661 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

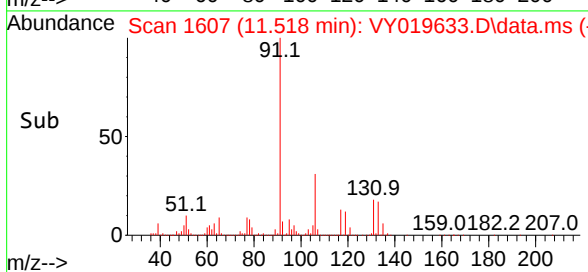
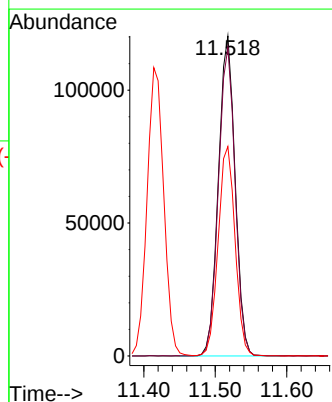
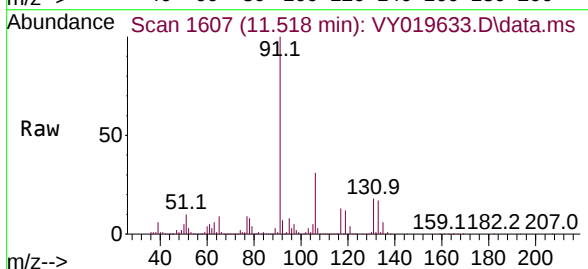
Instrument :
MSVOA_Y
ClientSampleId :

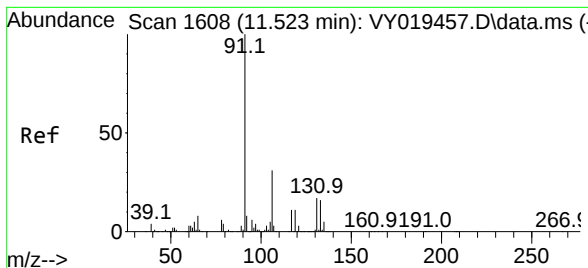
Tgt Ion:112 Resp: 575350
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.718 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion:131 Resp: 195707
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 66.2 34.1 102.2





#67

Ethyl Benzene

Concen: 52.808 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

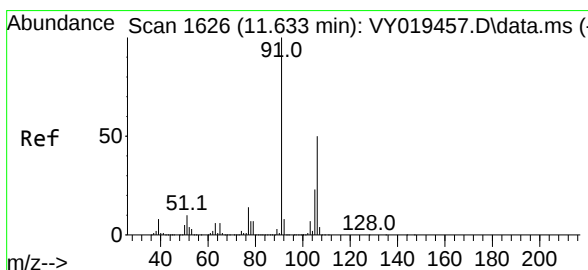
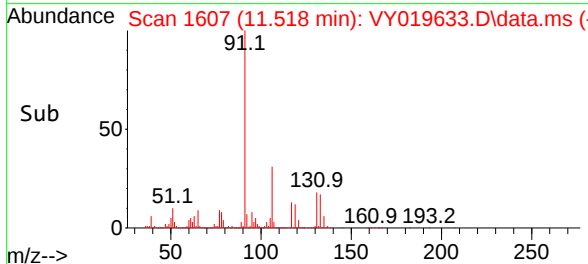
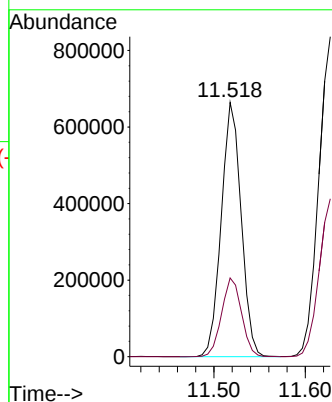
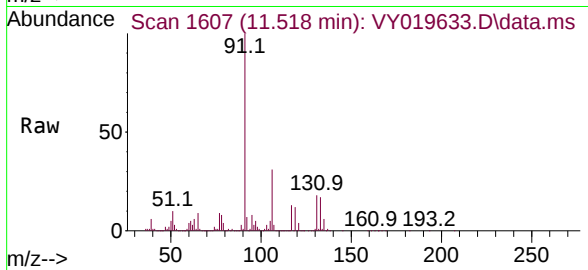
ClientSampleId :

Tgt Ion: 91 Resp: 1006051

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 105.502 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019633.D

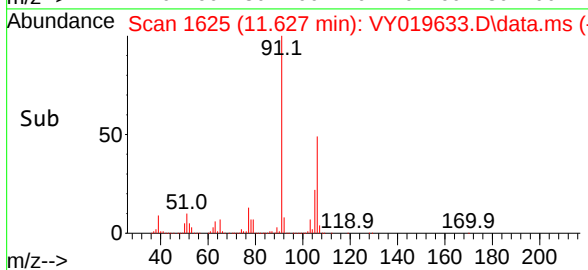
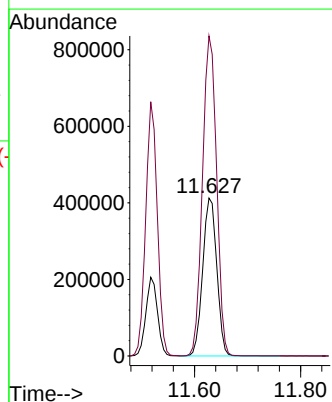
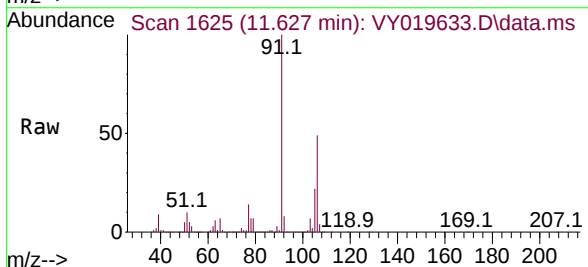
Acq: 19 Sep 2024 15:41

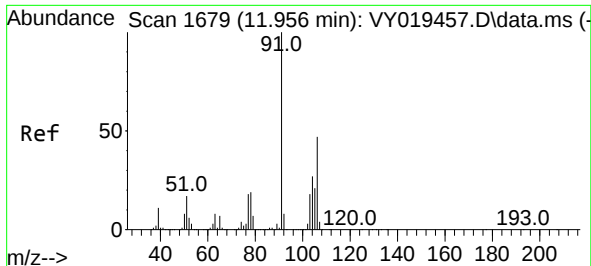
Tgt Ion:106 Resp: 760002

Ion Ratio Lower Upper

106 100

91 203.5 156.0 234.0

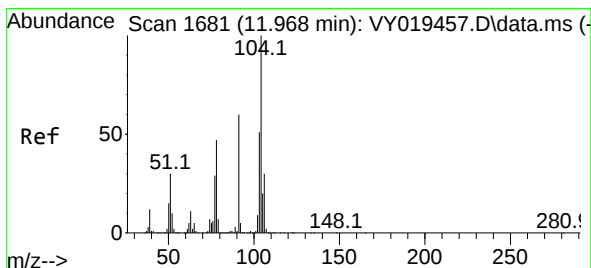
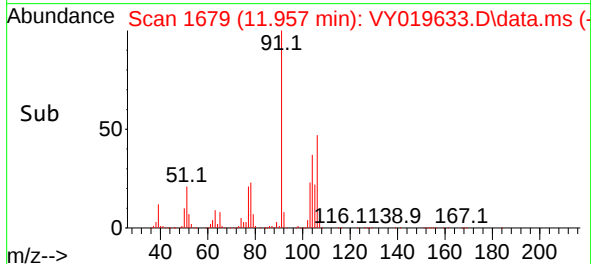
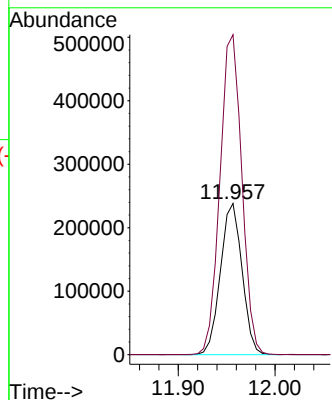
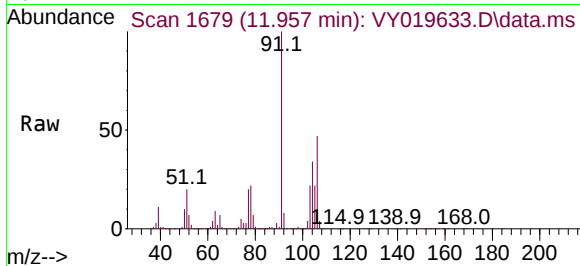




#69
o-Xylene
Concen: 52.456 ug/l
RT: 11.957 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

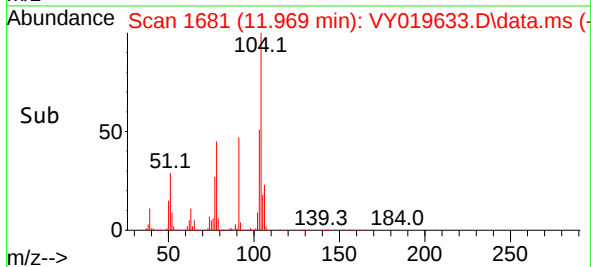
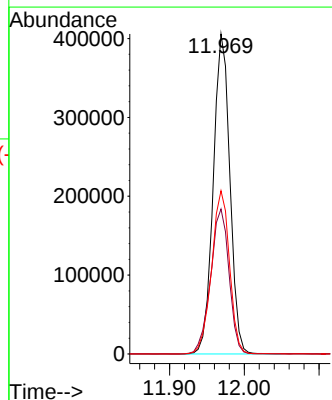
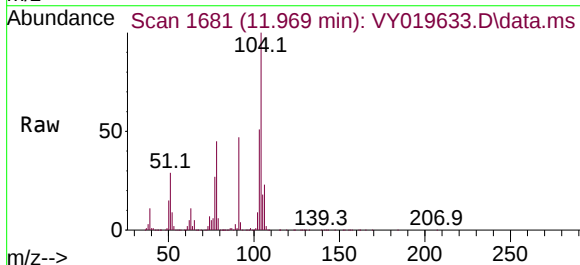
Instrument :
MSVOA_Y
ClientSampleId :

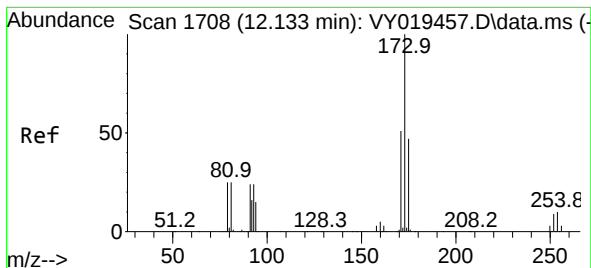
Tgt Ion:106 Resp: 369556
Ion Ratio Lower Upper
106 100
91 214.3 103.6 310.8



#70
Styrene
Concen: 52.686 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion:104 Resp: 626674
Ion Ratio Lower Upper
104 100
78 50.4 37.0 55.4
103 55.0 44.2 66.2





#71

Bromoform

Concen: 50.662 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

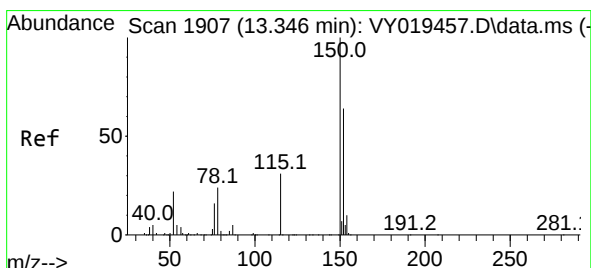
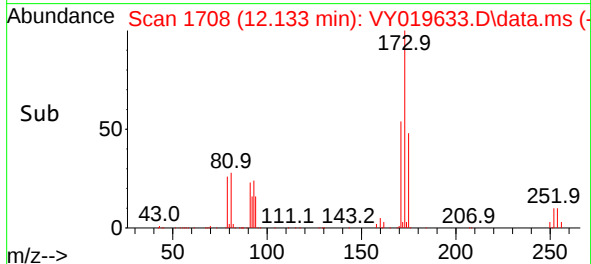
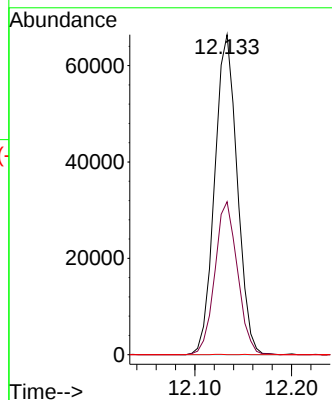
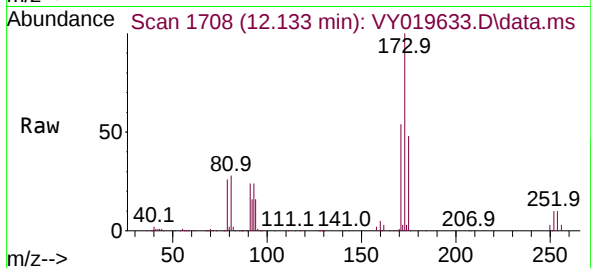
Tgt Ion:173 Resp: 107421

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.3

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

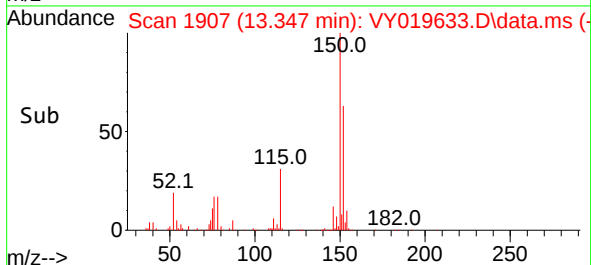
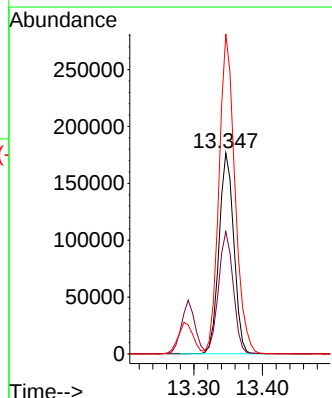
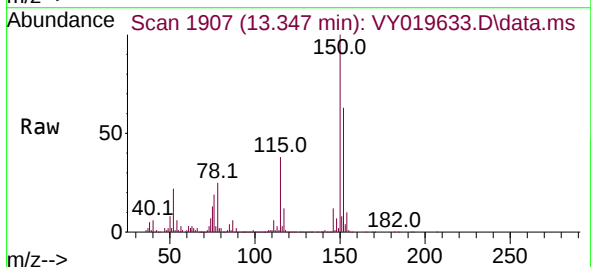
Tgt Ion:152 Resp: 264026

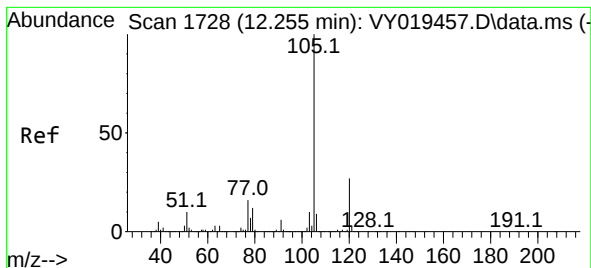
Ion Ratio Lower Upper

152 100

115 60.5 28.2 84.7

150 171.5 0.0 345.6





#73

Isopropylbenzene

Concen: 51.046 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

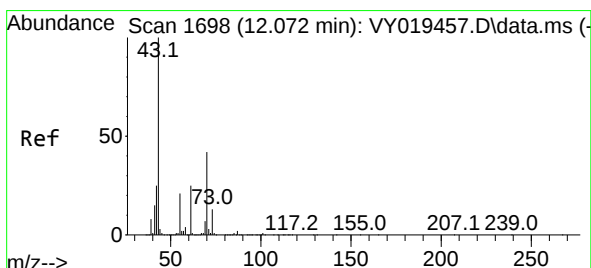
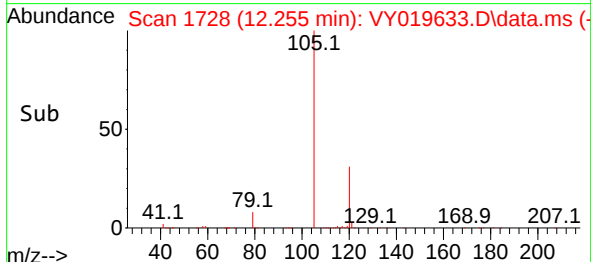
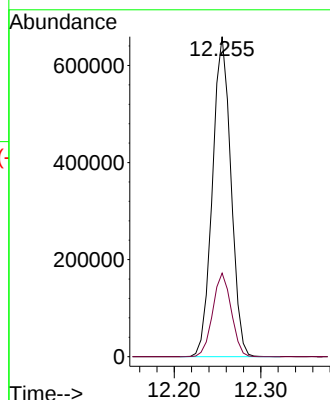
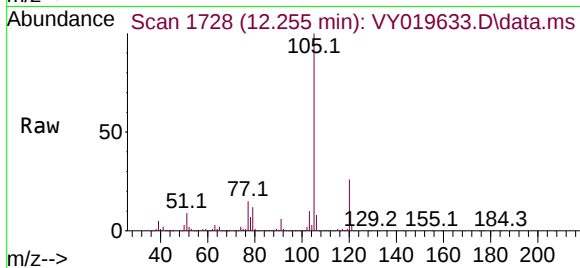
ClientSampleId :

Tgt Ion:105 Resp: 977748

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 45.806 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Tgt Ion: 43 Resp: 238619

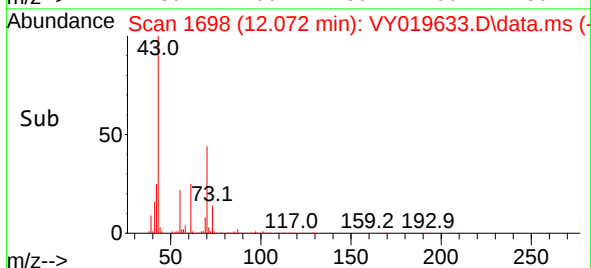
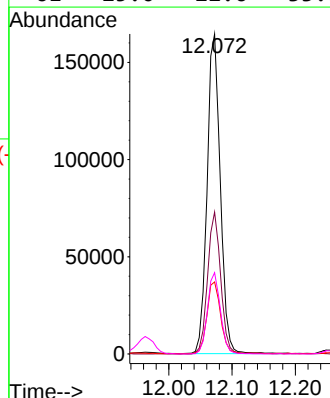
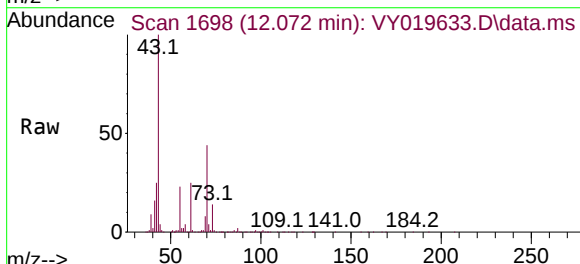
Ion Ratio Lower Upper

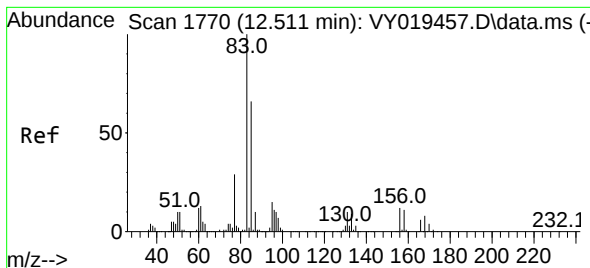
43 100

70 44.2 41.4 62.2

55 23.4 23.3 34.9

61 25.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.815 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

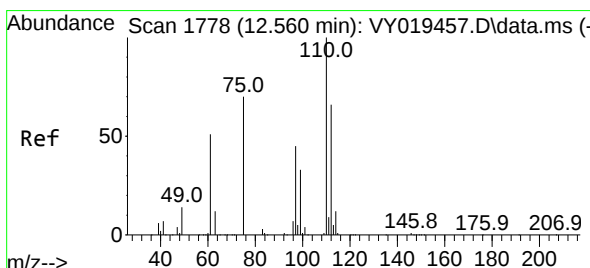
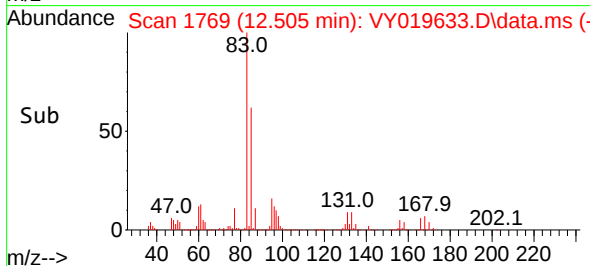
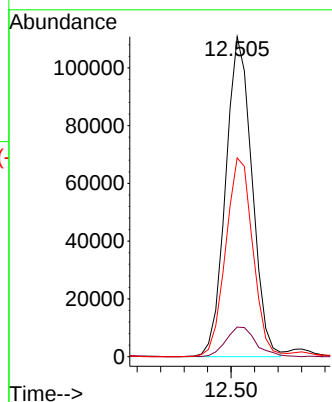
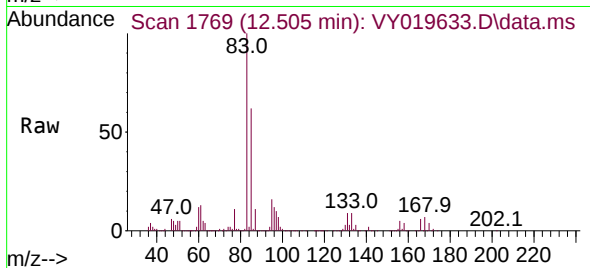
Tgt Ion: 83 Resp: 172761

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 89.390 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019633.D

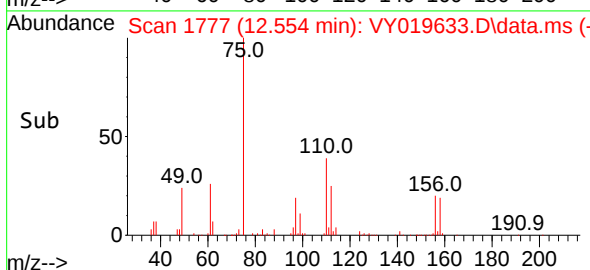
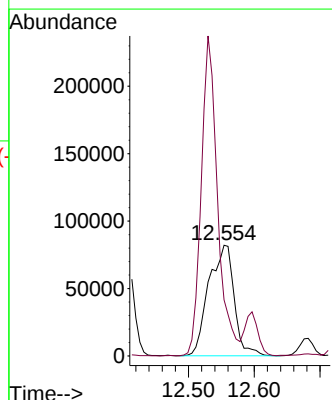
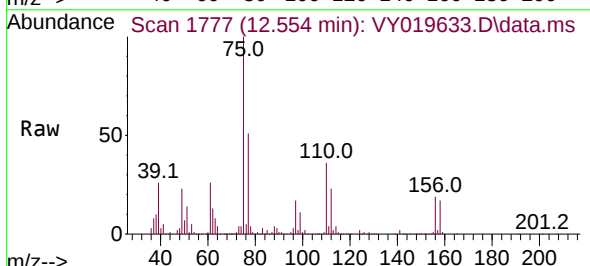
Acq: 19 Sep 2024 15:41

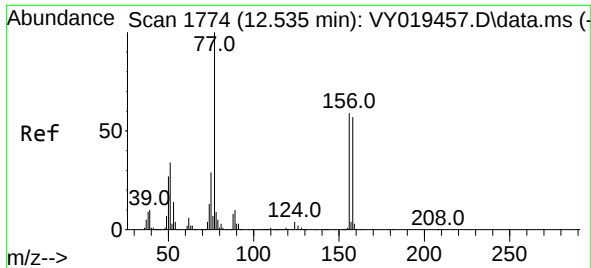
Tgt Ion: 75 Resp: 221213

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

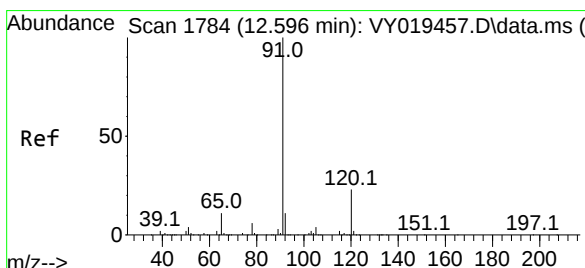
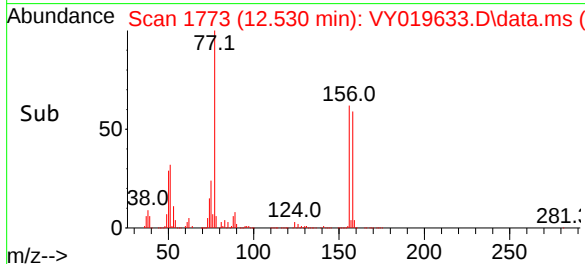
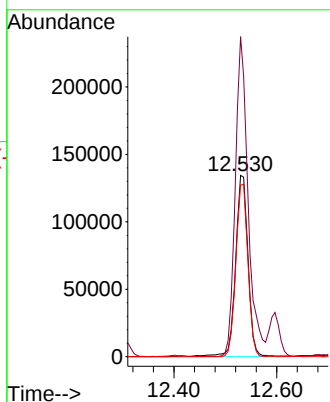
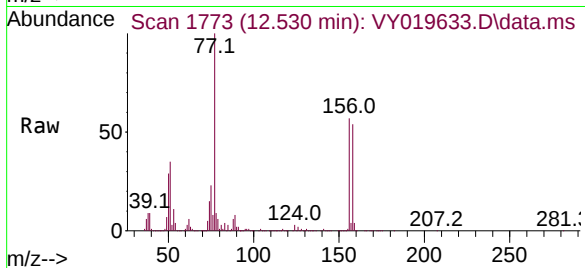




#77
Bromobenzene
Concen: 53.419 ug/l
RT: 12.530 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

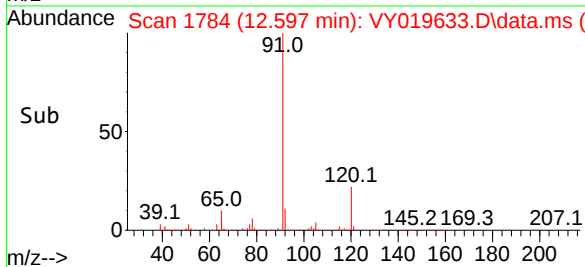
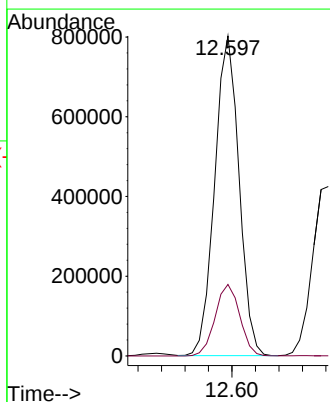
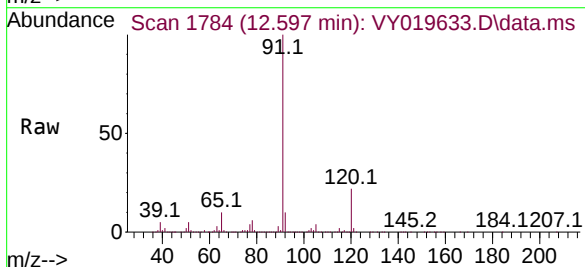
Instrument :
MSVOA_Y
ClientSampleId :

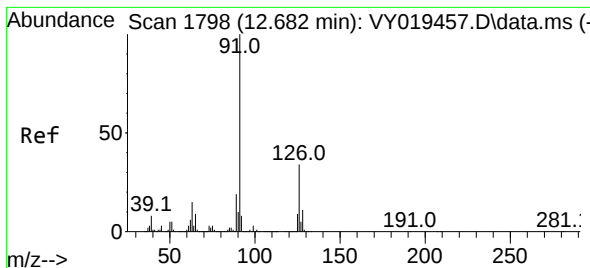
Tgt Ion:156 Resp: 226933
Ion Ratio Lower Upper
156 100
77 180.8 87.1 261.3
158 91.2 48.6 145.9



#78
n-propylbenzene
Concen: 50.784 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 91 Resp: 1152942
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

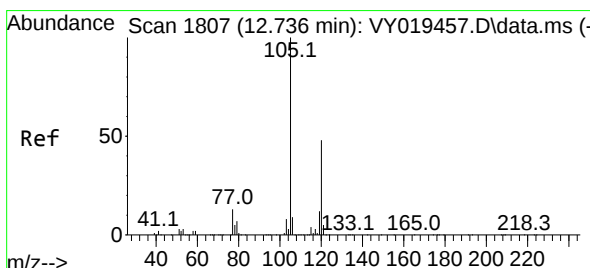
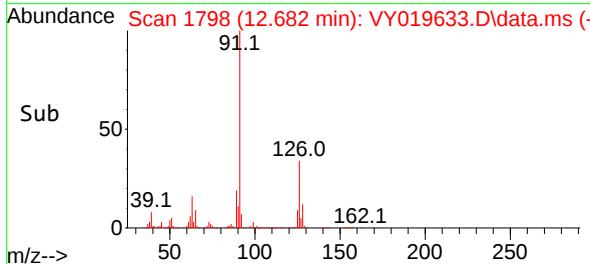
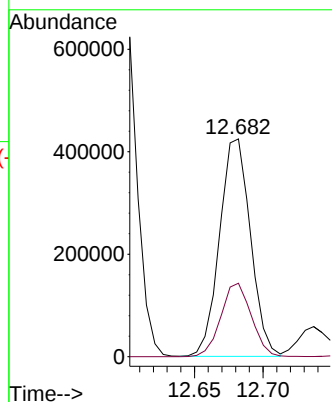
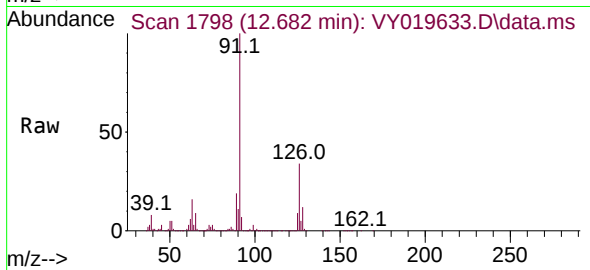




#79
2-Chlorotoluene
Concen: 50.435 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

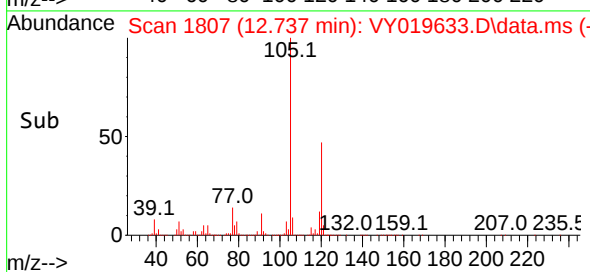
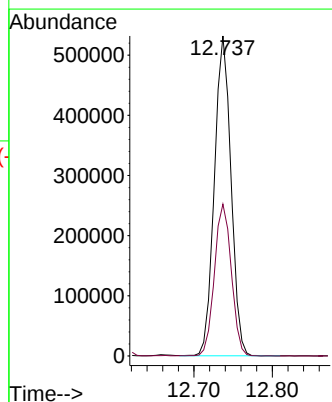
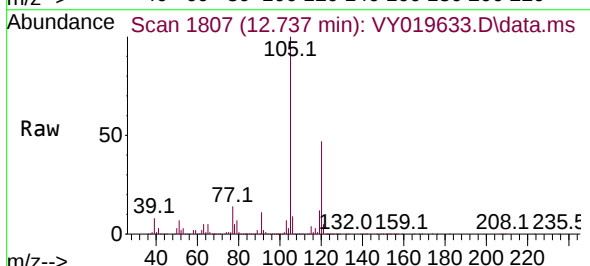
Instrument :
MSVOA_Y
ClientSampleId :

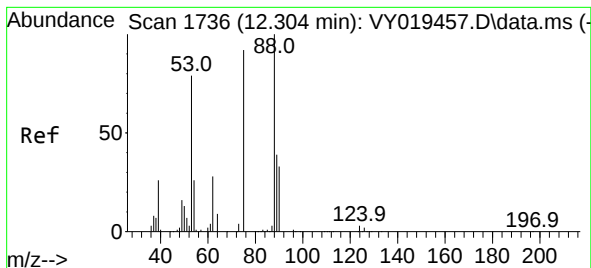
Tgt Ion: 91 Resp: 667290
Ion Ratio Lower Upper
91 100
126 33.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 50.324 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 105 Resp: 783622
Ion Ratio Lower Upper
105 100
120 48.3 25.1 75.2

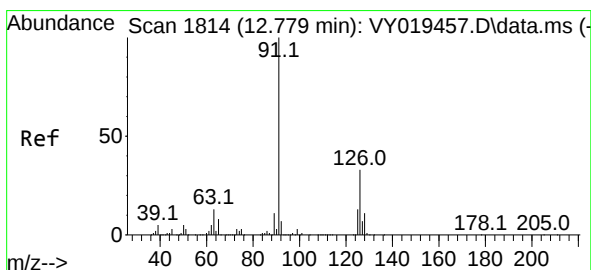
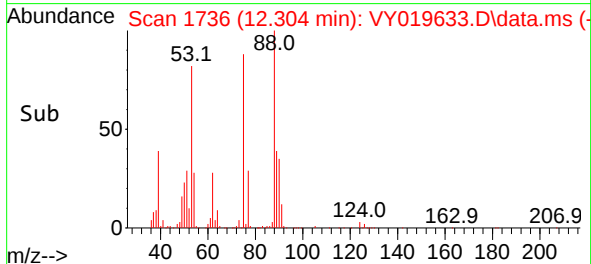
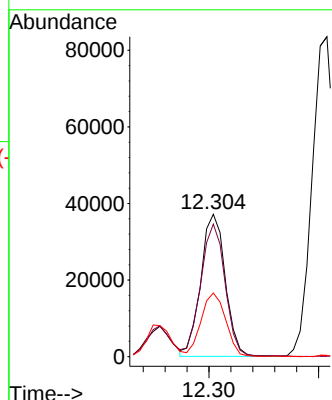
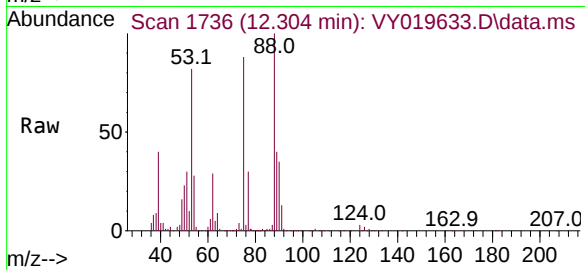




#81
trans-1,4-Dichloro-2-butene
Concen: 44.644 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

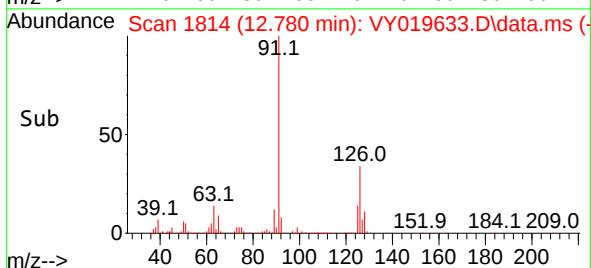
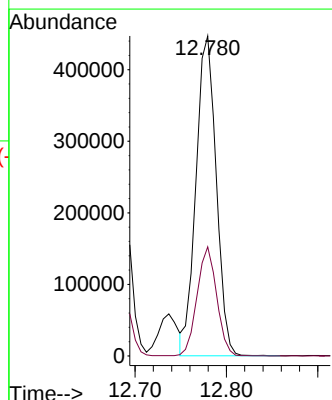
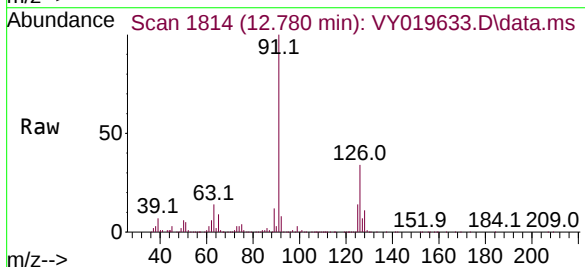
Instrument :
MSVOA_Y
ClientSampleId :

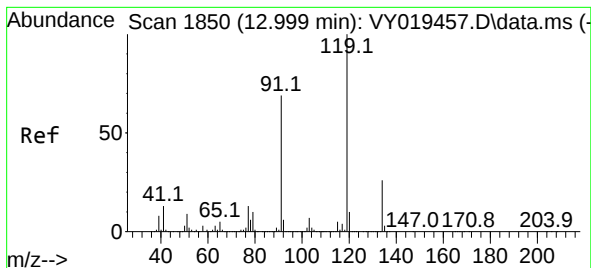
Tgt Ion: 75 Resp: 57551
Ion Ratio Lower Upper
75 100
53 92.5 66.8 100.2
89 44.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 50.500 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019633.D
Acq: 19 Sep 2024 15:41

Tgt Ion: 91 Resp: 686908
Ion Ratio Lower Upper
91 100
126 33.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 51.189 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

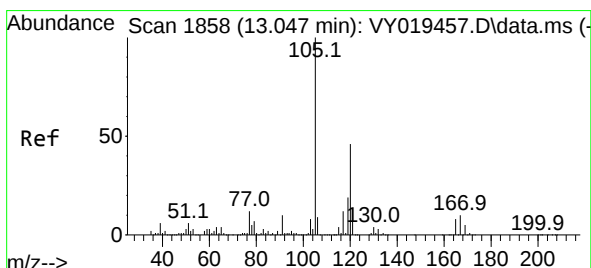
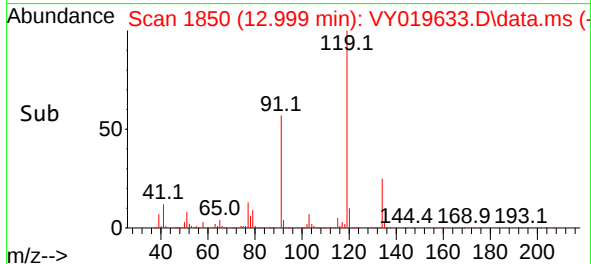
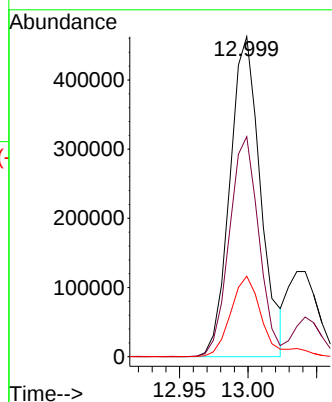
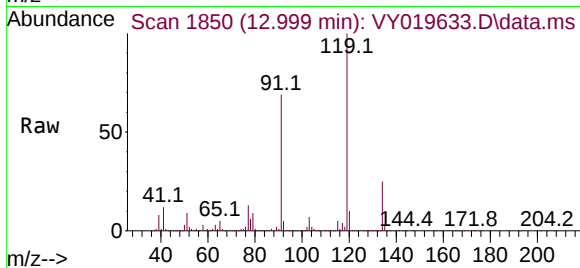
Tgt Ion:119 Resp: 721600

Ion Ratio Lower Upper

119 100

91 66.2 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.902 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019633.D

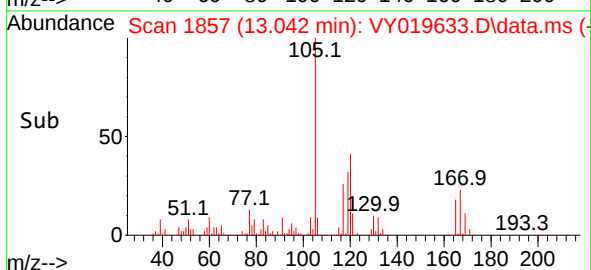
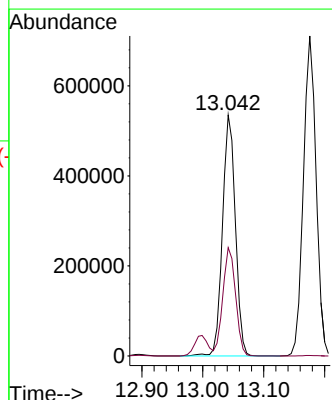
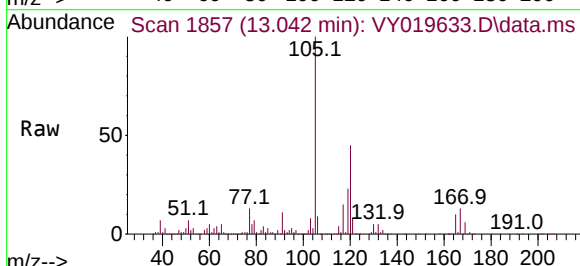
Acq: 19 Sep 2024 15:41

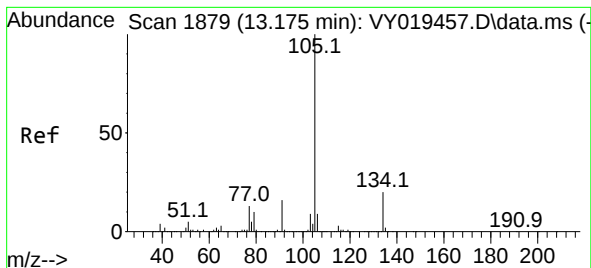
Tgt Ion:105 Resp: 784591

Ion Ratio Lower Upper

105 100

120 44.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.215 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

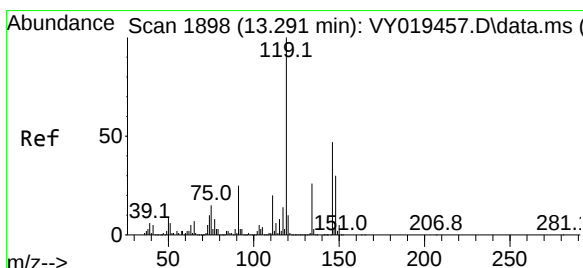
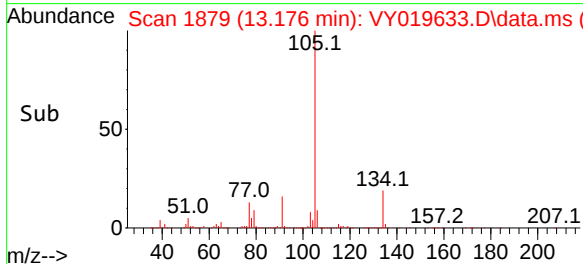
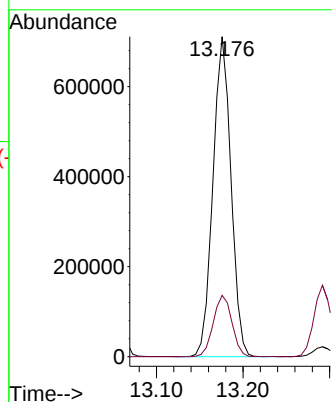
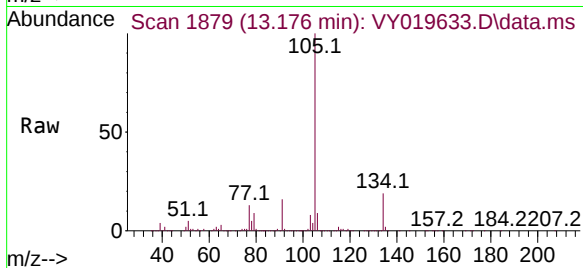
ClientSampleId :

Tgt Ion:105 Resp: 1028346

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.569 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

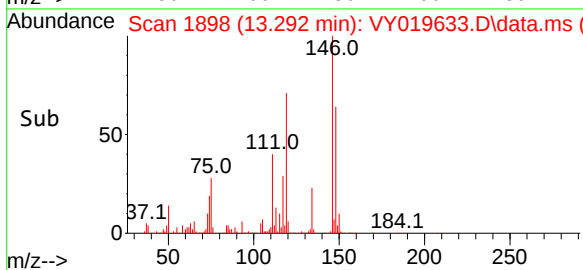
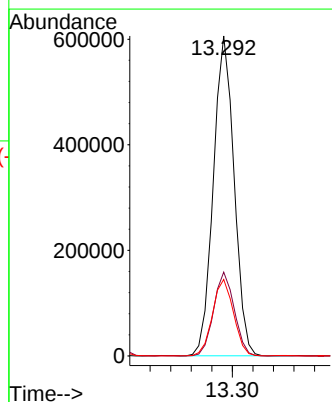
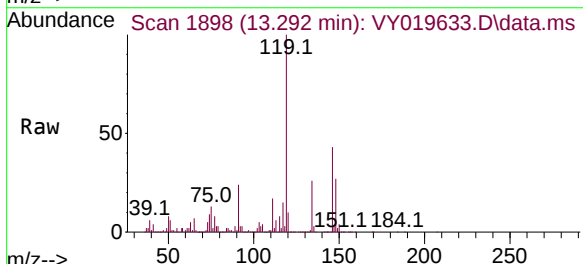
Tgt Ion:119 Resp: 847282

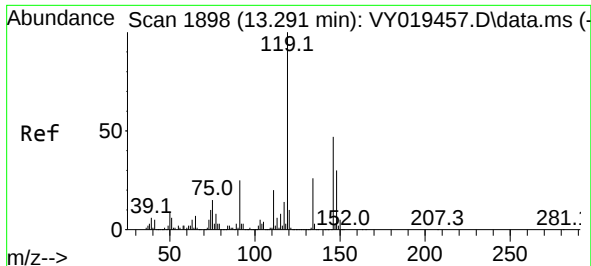
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 24.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.007 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

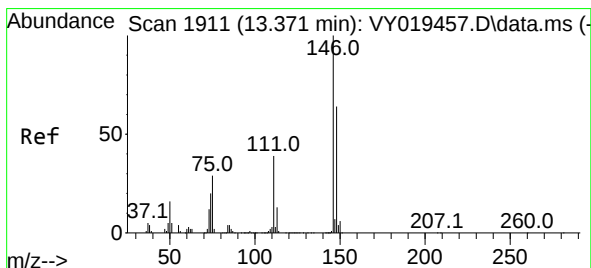
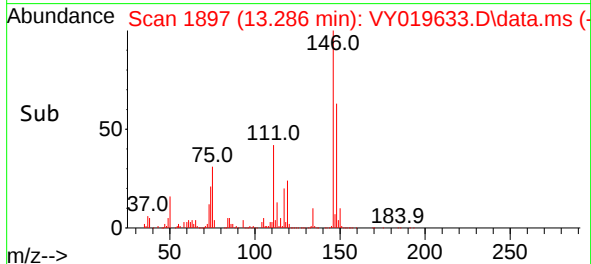
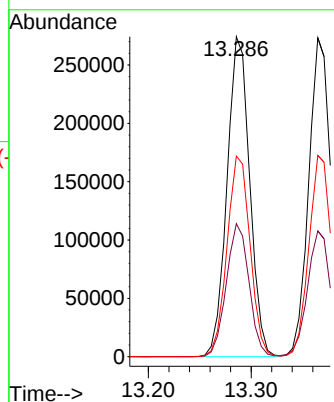
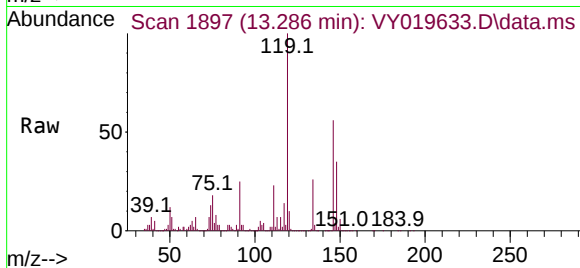
Tgt Ion:146 Resp: 421049

Ion Ratio Lower Upper

146 100

111 41.4 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.419 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

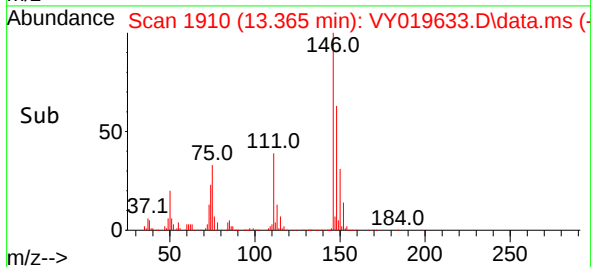
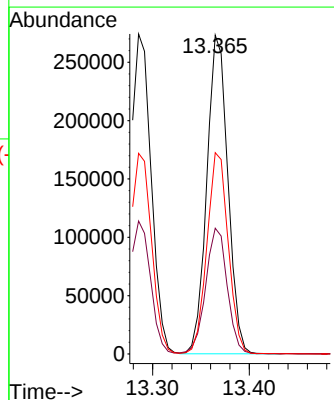
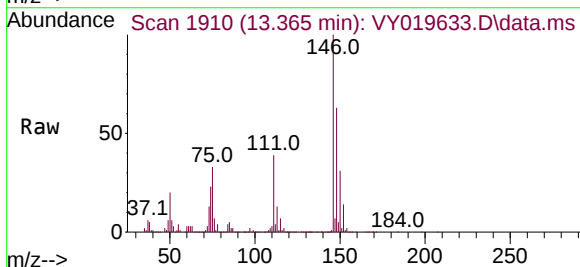
Tgt Ion:146 Resp: 413044

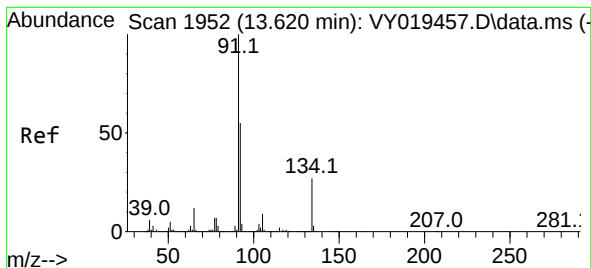
Ion Ratio Lower Upper

146 100

111 40.4 18.4 55.4

148 64.1 32.4 97.2





#89

n-Butylbenzene

Concen: 49.551 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

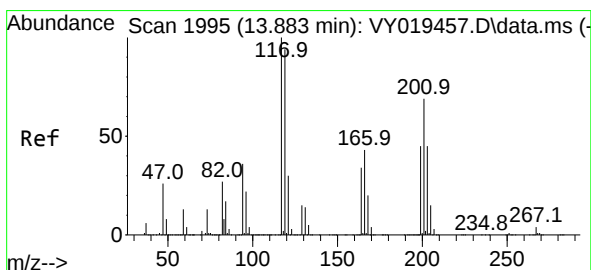
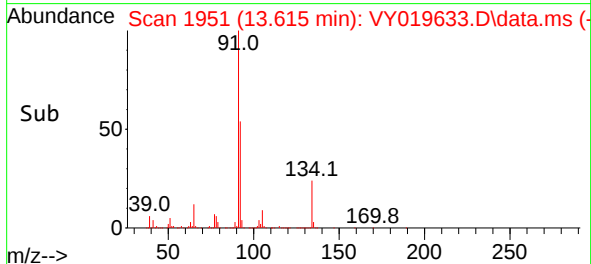
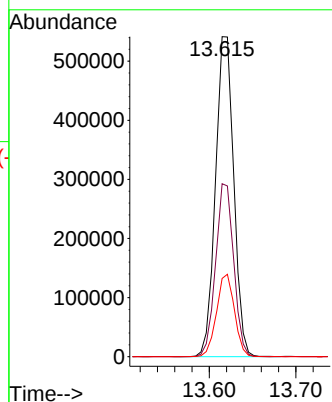
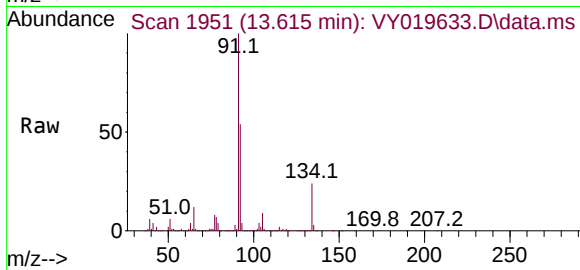
Tgt Ion: 91 Resp: 793690

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 25.3 12.9 38.7



#90

Hexachloroethane

Concen: 49.192 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019633.D

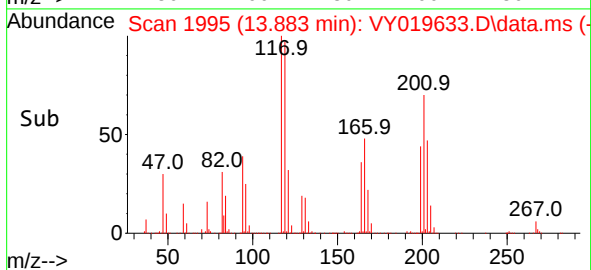
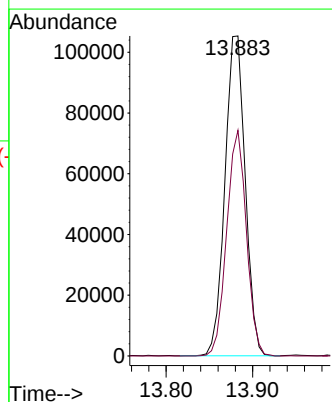
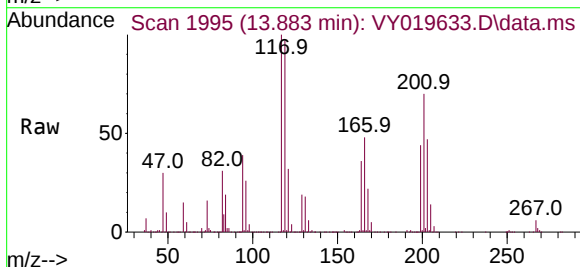
Acq: 19 Sep 2024 15:41

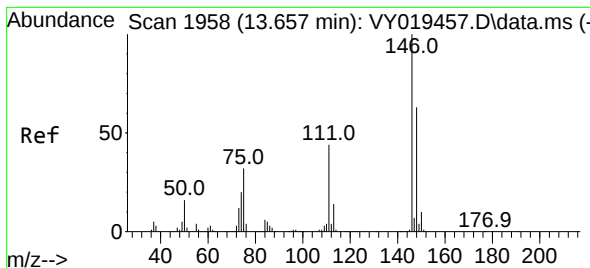
Tgt Ion: 117 Resp: 171497

Ion Ratio Lower Upper

117 100

201 68.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.601 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

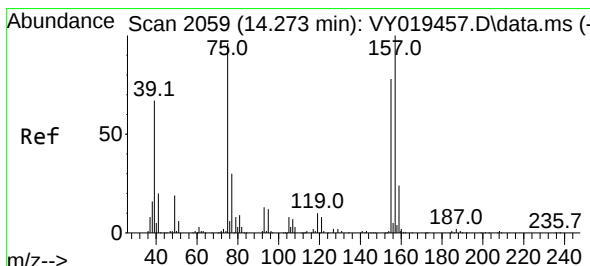
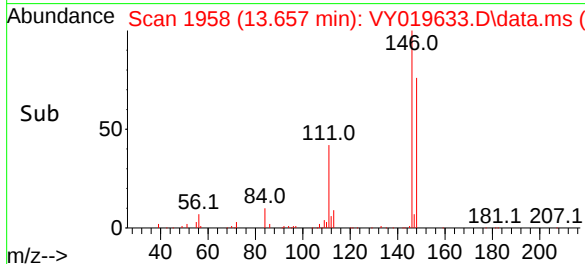
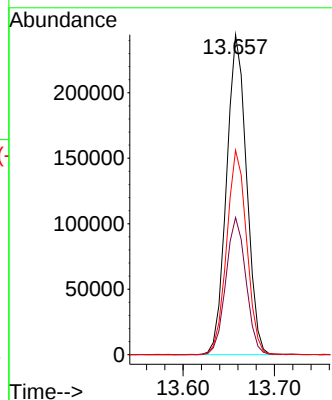
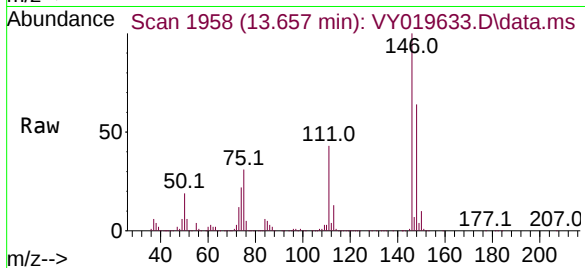
Tgt Ion:146 Resp: 372739

Ion Ratio Lower Upper

146 100

111 42.7 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.226 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

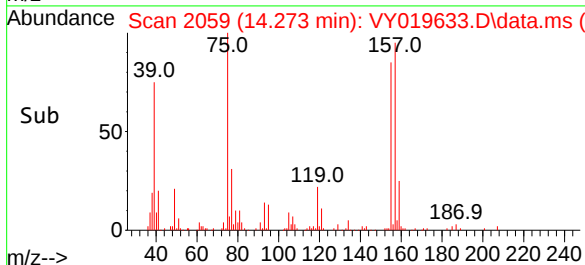
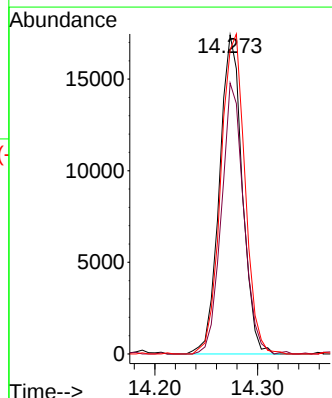
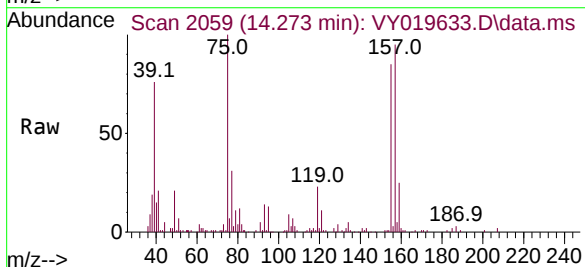
Tgt Ion: 75 Resp: 26759

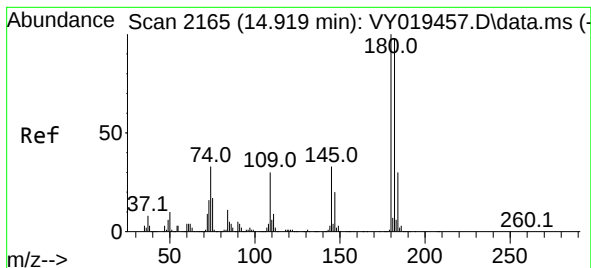
Ion Ratio Lower Upper

75 100

155 82.6 48.6 145.8

157 106.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 46.849 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

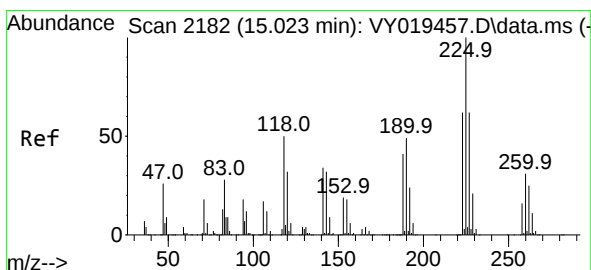
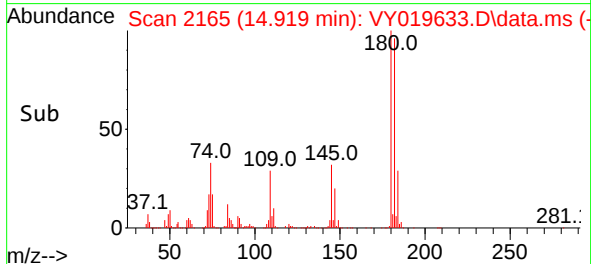
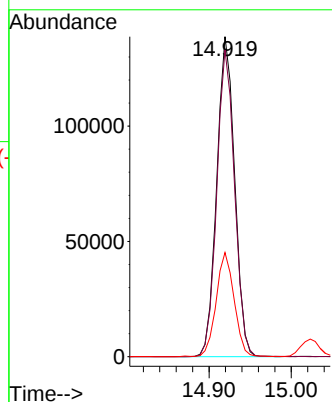
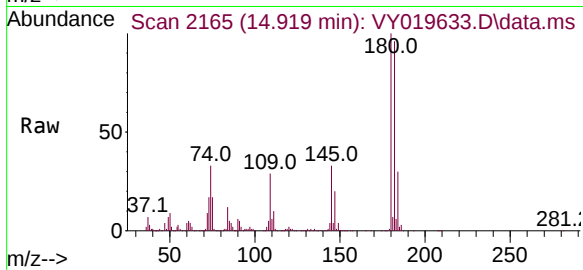
Tgt Ion:180 Resp: 209893

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 32.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.307 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

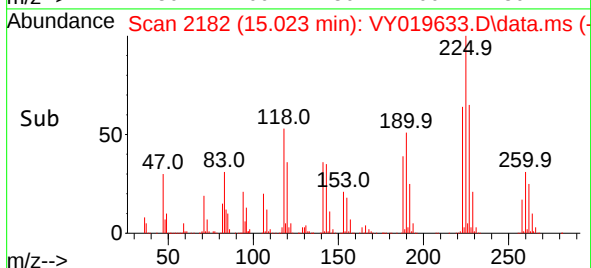
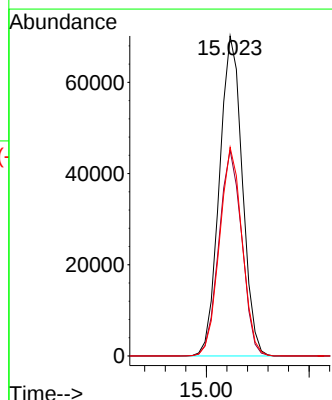
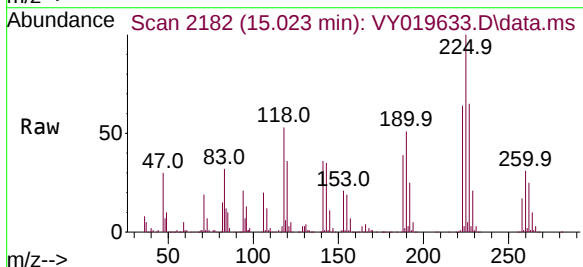
Tgt Ion:225 Resp: 108438

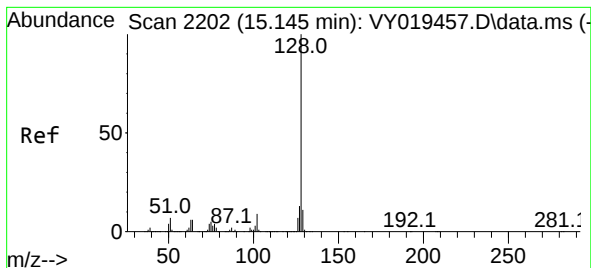
Ion Ratio Lower Upper

225 100

223 64.2 30.4 91.2

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 47.677 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

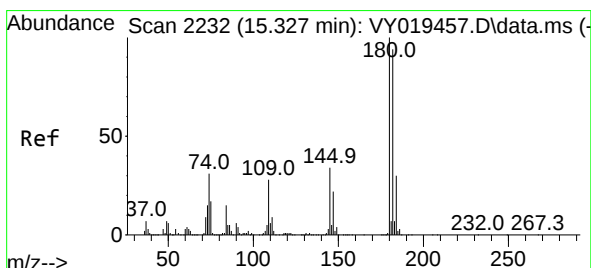
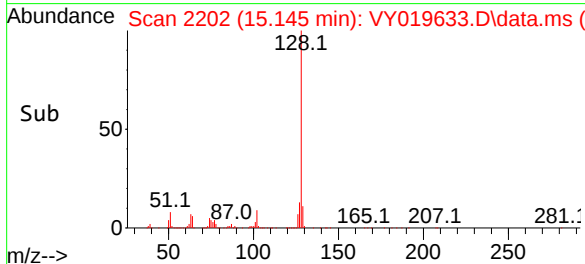
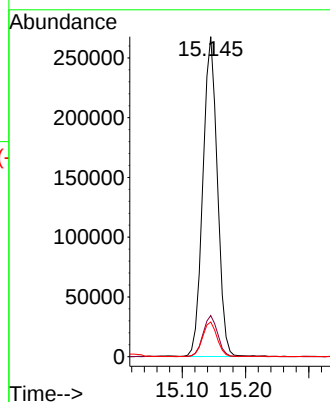
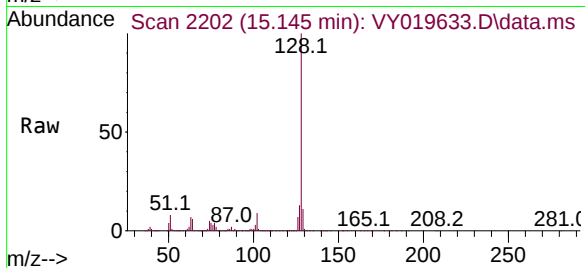
Tgt Ion:128 Resp: 427750

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.799 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019633.D

Acq: 19 Sep 2024 15:41

Tgt Ion:180 Resp: 179344

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.9

145 34.5 15.4 46.1

