

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019658.D
 Acq On : 23 Sep 2024 10:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 24 01:43:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	450882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	753404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	643688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	309318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	207954	49.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.620%
35) Dibromofluoromethane	7.628	113	212974	49.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.720%
50) Toluene-d8	10.109	98	765594	48.456	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.408	95	281562	46.346	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	107713	43.147	ug/l	99
3) Chloromethane	2.074	50	164093	43.988	ug/l	98
4) Vinyl Chloride	2.208	62	205461	50.935	ug/l	100
5) Bromomethane	2.598	94	148666	60.001	ug/l	97
6) Chloroethane	2.739	64	146913	55.713	ug/l	100
7) Trichlorofluoromethane	3.062	101	356366	52.998	ug/l	97
8) Diethyl Ether	3.452	74	118787	52.628	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	215929	51.911	ug/l	98
10) Methyl Iodide	4.001	142	255247	47.862	ug/l	94
11) Tert butyl alcohol	4.854	59	94828	281.247	ug/l #	79
12) 1,1-Dichloroethene	3.793	96	203871	50.964	ug/l	91
13) Acrolein	3.653	56	26839	160.201	ug/l	99
14) Allyl chloride	4.385	41	349353	48.699	ug/l #	94
15) Acrylonitrile	5.055	53	259834	266.984	ug/l	99
16) Acetone	3.866	43	291142	292.708	ug/l	88
17) Carbon Disulfide	4.104	76	516239	47.764	ug/l	98
18) Methyl Acetate	4.385	43	132694	49.159	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	614299	54.220	ug/l	99
20) Methylene Chloride	4.610	84	228016	50.267	ug/l	88
21) trans-1,2-Dichloroethene	5.110	96	228725	52.164	ug/l	91
22) Diisopropyl ether	6.012	45	763216	51.809	ug/l	93
23) Vinyl Acetate	5.958	43	2217971	263.591	ug/l	94
24) 1,1-Dichloroethane	5.909	63	433788	52.476	ug/l	97
25) 2-Butanone	6.890	43	382543	270.417	ug/l	89
26) 2,2-Dichloropropane	6.878	77	406423	54.505	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	287403	53.960	ug/l	91
28) Bromochloromethane	7.244	49	192976	55.483	ug/l	87
29) Tetrahydrofuran	7.256	42	222863	259.106	ug/l	89
30) Chloroform	7.415	83	464171	55.005	ug/l	100
31) Cyclohexane	7.695	56	346348	46.353	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	417813	55.238	ug/l	98
36) 1,1-Dichloropropene	7.829	75	306931	52.805	ug/l	97
37) Ethyl Acetate	6.976	43	157304	52.819	ug/l	96
38) Carbon Tetrachloride	7.817	117	361161	55.100	ug/l	98
39) Methylcyclohexane	9.109	83	396287	51.232	ug/l #	90
40) Benzene	8.079	78	995998	55.634	ug/l #	83

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	91535	52.726	ug/l	87
42) 1,2-Dichloroethane	8.152	62	273896	56.856	ug/l	97
43) Isopropyl Acetate	8.195	43	330584	52.835	ug/l	93
44) Trichloroethene	8.866	130	247562	53.768	ug/l	95
45) 1,2-Dichloropropane	9.140	63	344985	78.822	ug/l	96
46) Dibromomethane	9.231	93	142977	59.737	ug/l	91
47) Bromodichloromethane	9.426	83	360071	55.966	ug/l	98
48) Methyl methacrylate	9.219	41	157724	53.380	ug/l	86
49) 1,4-Dioxane	9.225	88	32806	1164.317	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	838589	266.404	ug/l	93
52) Toluene	10.170	92	626283	54.393	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	334143	54.482	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	386700	54.148	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	192026	58.097	ug/l	97
56) Ethyl methacrylate	10.438	69	275052	54.781	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	312380	54.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	682476	292.864	ug/l #	82
59) 2-Hexanone	10.762	43	616145	266.988	ug/l	91
60) Dibromochloromethane	10.914	129	247742	56.662	ug/l	99
61) 1,2-Dibromoethane	11.018	107	173734	56.413	ug/l	95
64) Tetrachloroethene	10.646	164	212173	53.229	ug/l	95
65) Chlorobenzene	11.444	112	691121	54.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	245694	56.044	ug/l	98
67) Ethyl Benzene	11.518	91	1232935	54.803	ug/l	100
68) m/p-Xylenes	11.627	106	926503	108.912	ug/l	94
69) o-Xylene	11.957	106	454106	54.583	ug/l	96
70) Styrene	11.969	104	768623	54.720	ug/l	97
71) Bromoform	12.133	173	141645	56.569	ug/l #	98
73) Isopropylbenzene	12.255	105	1209847	53.915	ug/l	99
74) N-amyl acetate	12.072	43	328685	53.857	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	219402	55.084	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	314245	108.390	ug/l #	100
77) Bromobenzene	12.536	156	269297	54.110	ug/l	91
78) n-propylbenzene	12.597	91	1435335	53.965	ug/l	100
79) 2-Chlorotoluene	12.682	91	830676	53.591	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	978651	53.646	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	76747	50.818	ug/l	92
82) 4-Chlorotoluene	12.780	91	851965	53.463	ug/l	96
83) tert-Butylbenzene	12.999	119	899904	54.490	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	977702	54.142	ug/l	97
85) sec-Butylbenzene	13.176	105	1295808	54.010	ug/l	99
86) p-Isopropyltoluene	13.298	119	1831814	93.320	ug/l	93
87) 1,3-Dichlorobenzene	13.286	146	531334	54.942	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	519716	54.151	ug/l	98
89) n-Butylbenzene	13.621	91	1013629	54.016	ug/l	100
90) Hexachloroethane	13.883	117	221489	54.229	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	472952	54.804	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34683	52.248	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	280358	53.415	ug/l	98
94) Hexachlorobutadiene	15.023	225	148442	52.940	ug/l	99
95) Naphthalene	15.145	128	550579	52.381	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	238283	53.075	ug/l	97

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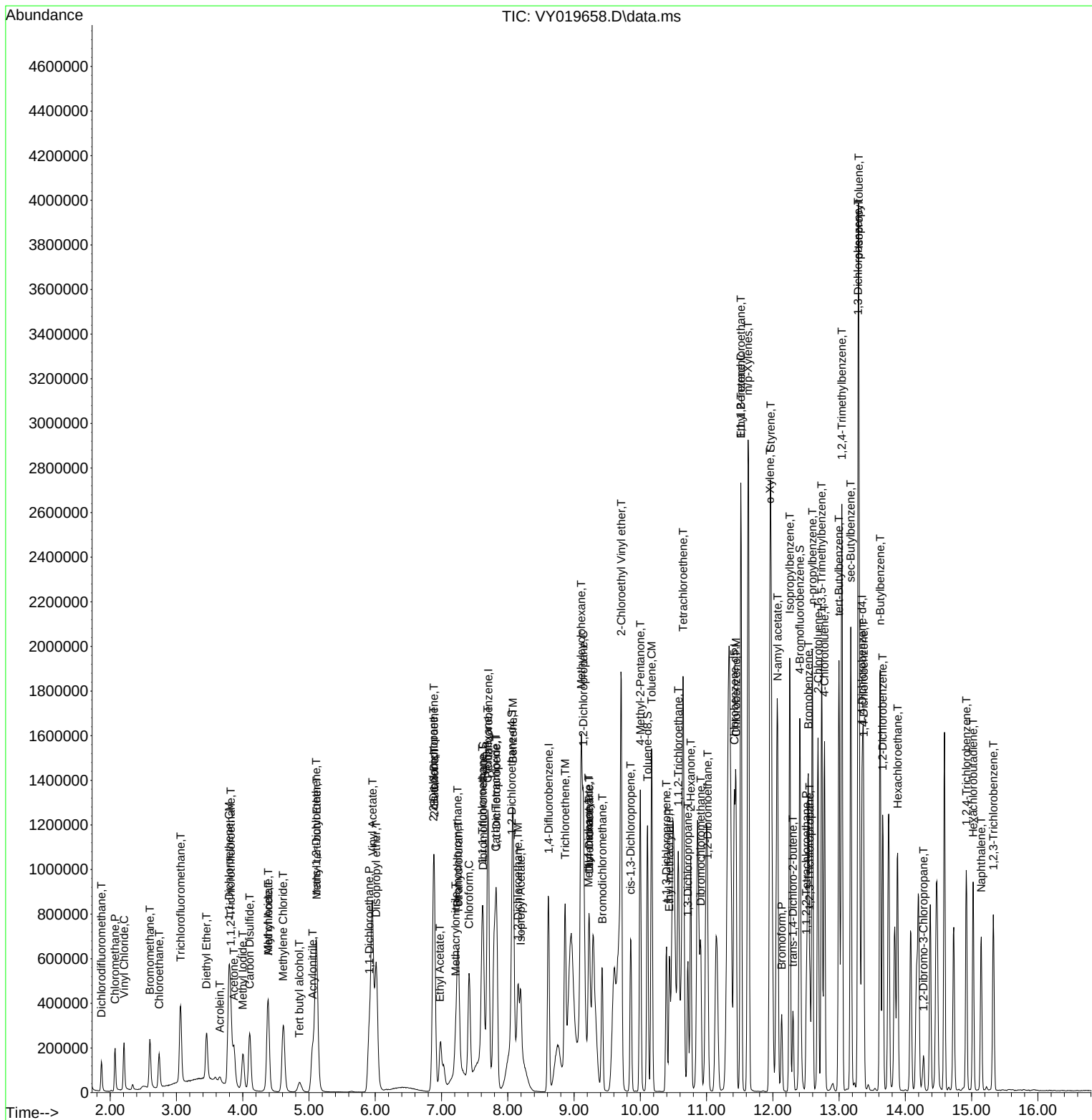
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MSVOA_Y
ClientSampleId :

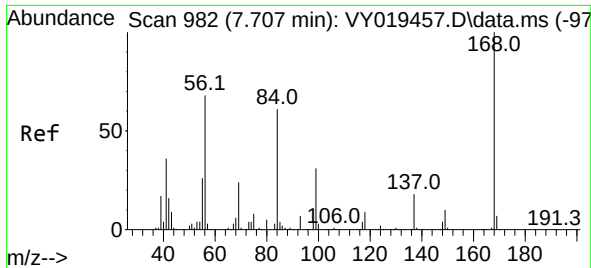
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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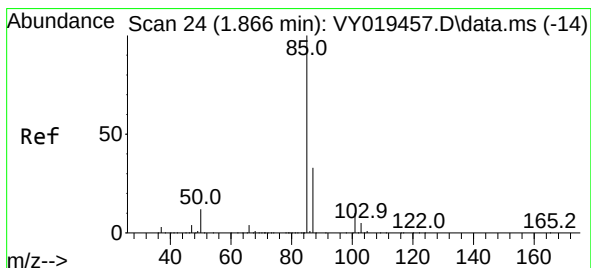
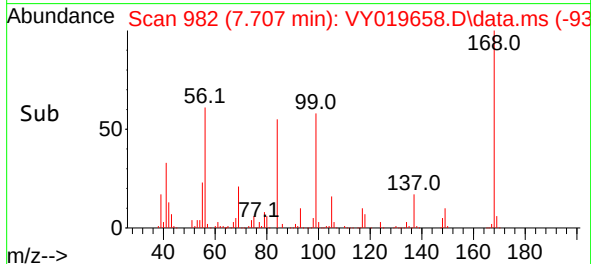
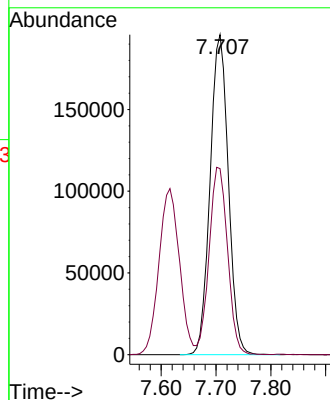
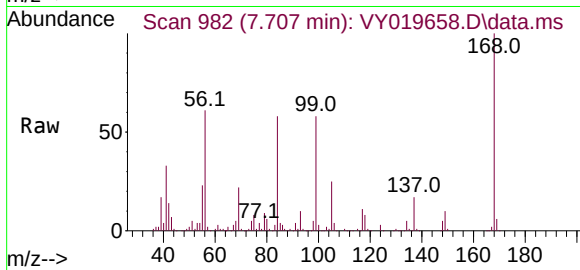




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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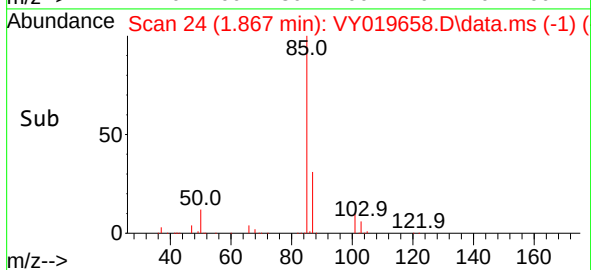
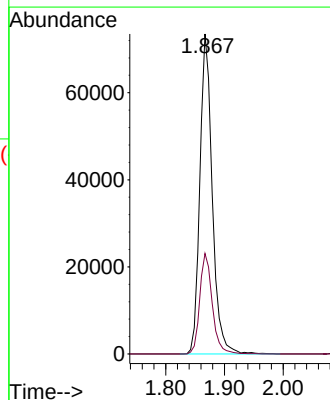
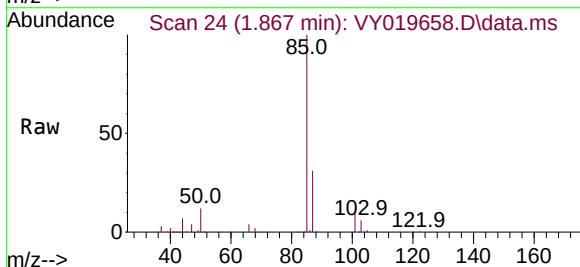
Instrument :
MSVOA_Y
ClientSampleId :

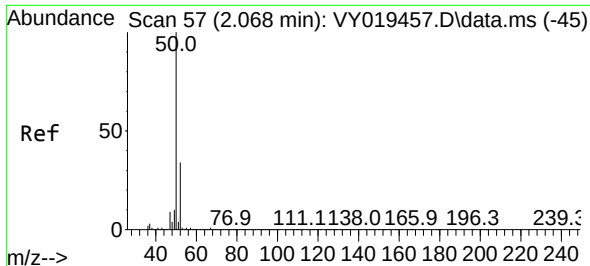
Tgt Ion:168 Resp: 450882
Ion Ratio Lower Upper
168 100
99 58.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 43.147 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion: 85 Resp: 107713
Ion Ratio Lower Upper
85 100
87 31.4 16.0 48.0

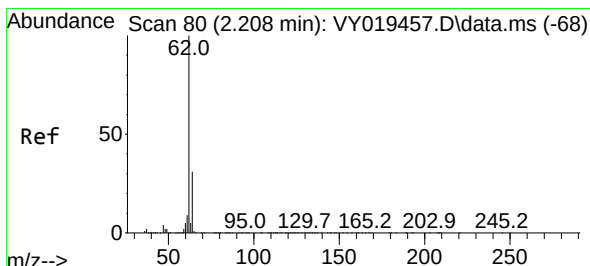
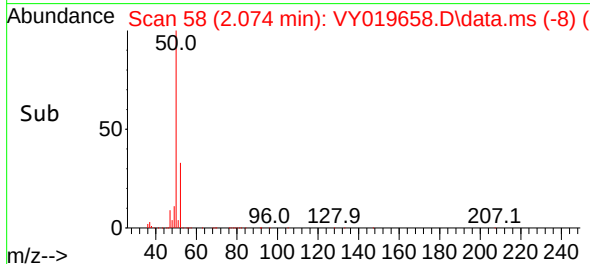
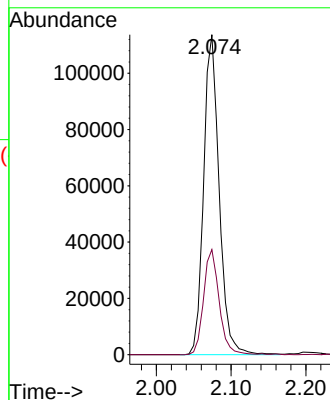
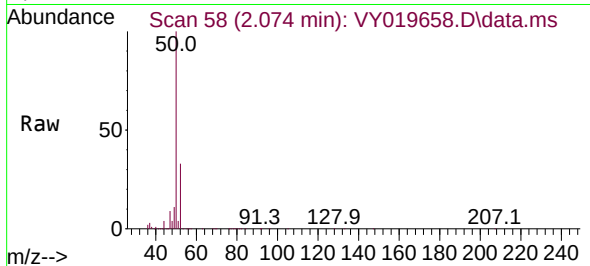




#3
Chloromethane
Concen: 43.988 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

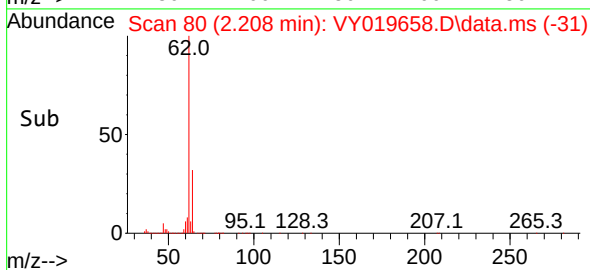
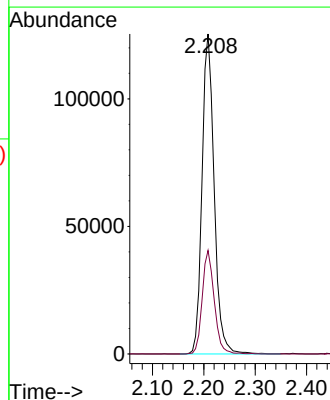
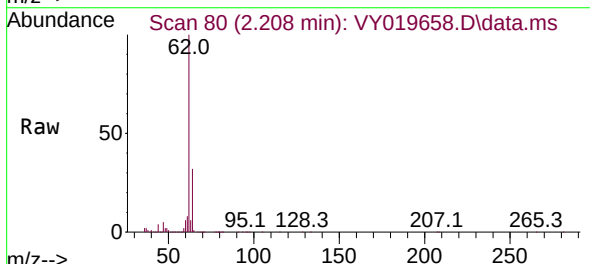
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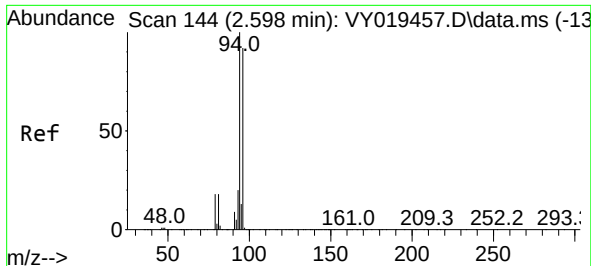
Tgt Ion: 50 Resp: 164093
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#4
Vinyl Chloride
Concen: 50.935 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion: 62 Resp: 205461
Ion Ratio Lower Upper
62 100
64 32.3 26.1 39.1

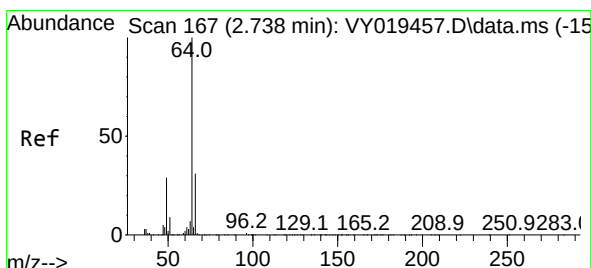
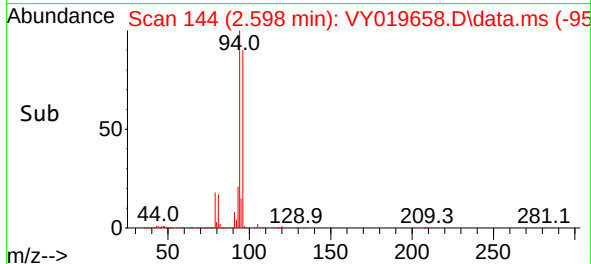
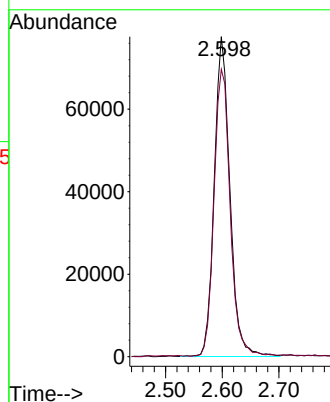
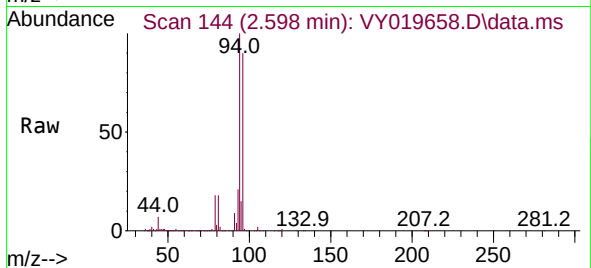




#5
Bromomethane
Concen: 60.001 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

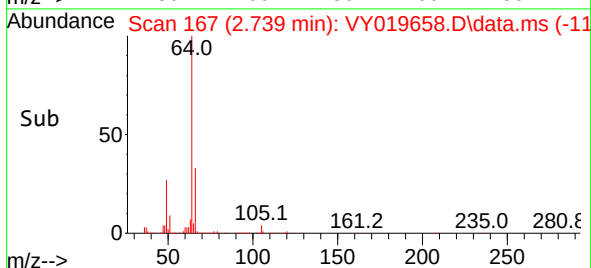
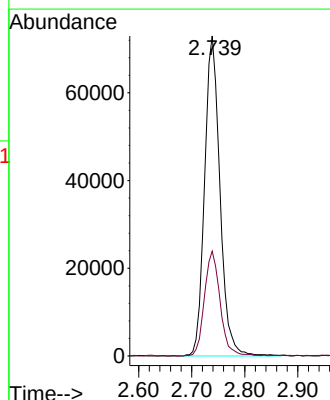
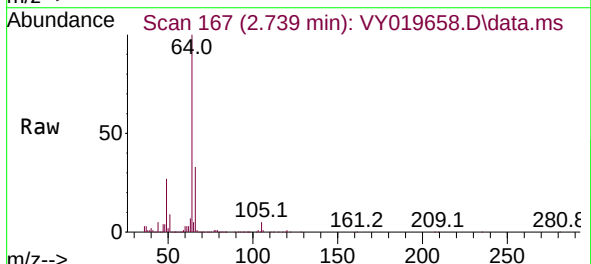
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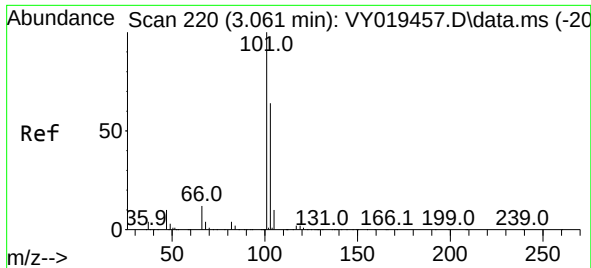
Tgt Ion: 94 Resp: 148666
Ion Ratio Lower Upper
94 100
96 89.5 74.1 111.1



#6
Chloroethane
Concen: 55.713 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion: 64 Resp: 146913
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

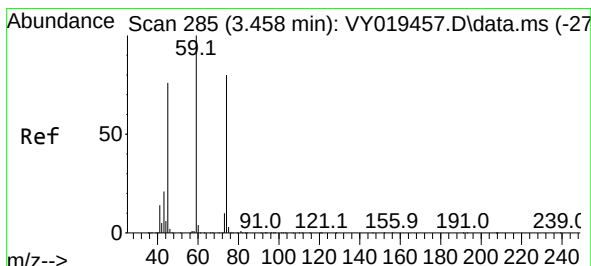
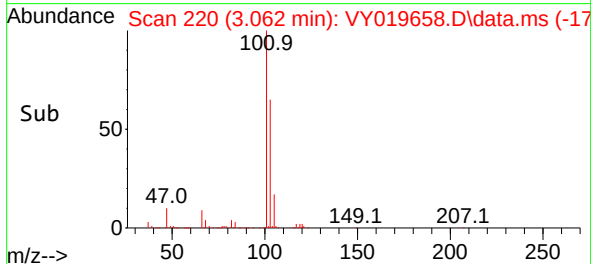
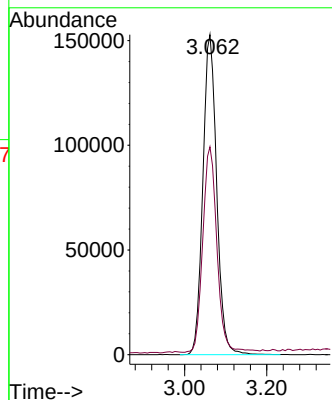
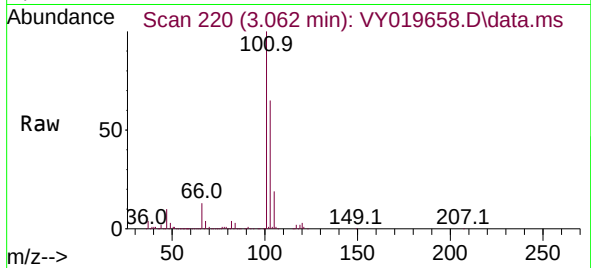




#7
 Trichlorofluoromethane
 Concen: 52.998 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019658.D
 Acq: 23 Sep 2024 10:37

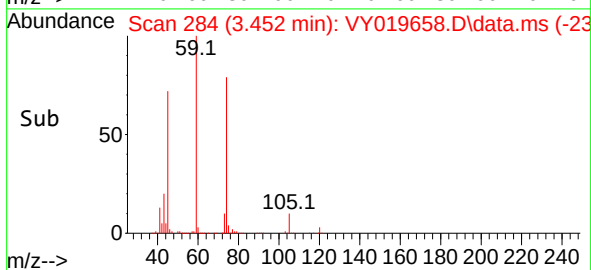
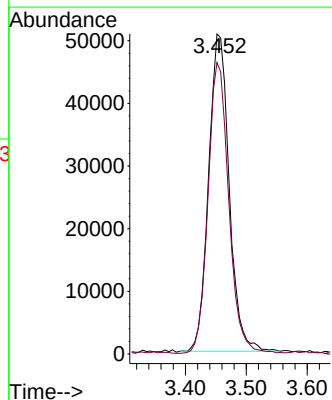
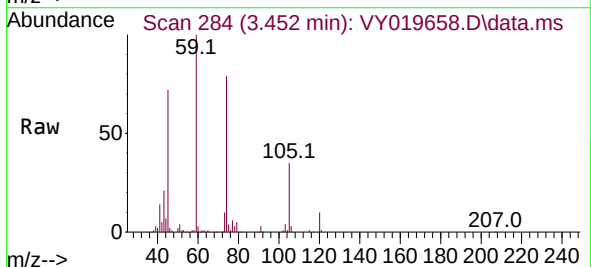
Instrument :
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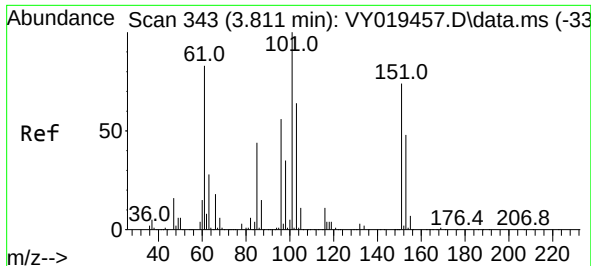
Tgt Ion:101 Resp: 356366
 Ion Ratio Lower Upper
 101 100
 103 64.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 52.628 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019658.D
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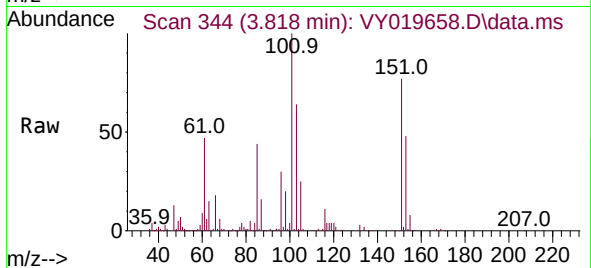
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 Ion Ratio Lower Upper
 74 100
 45 92.4 41.3 124.1



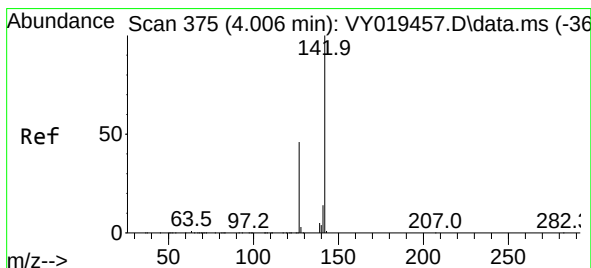
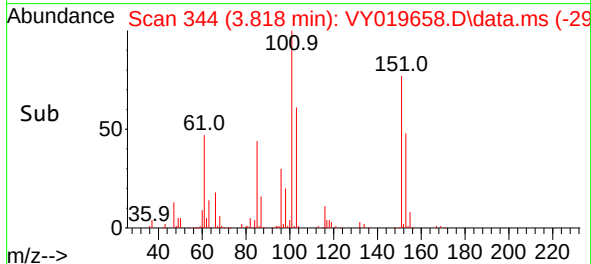
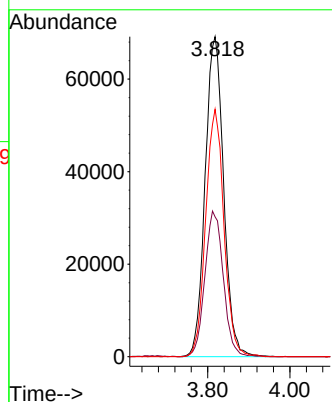


#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.911 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
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ClientSampleId :

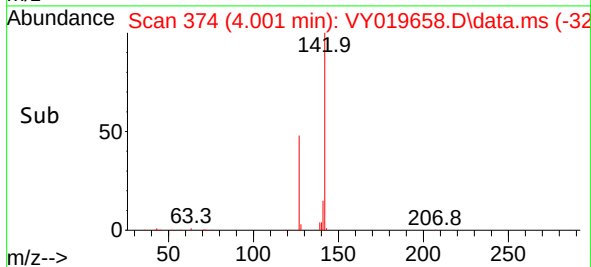
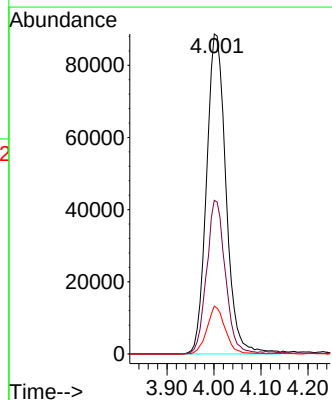
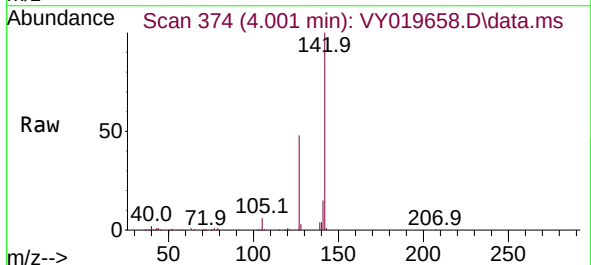


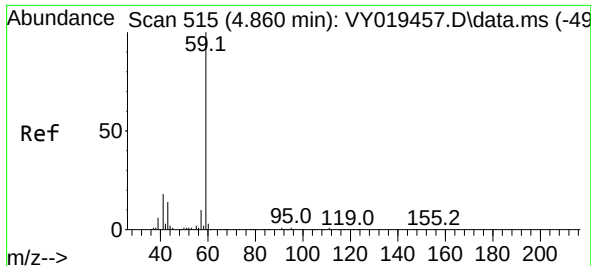
Tgt Ion:101 Resp: 215929
Ion Ratio Lower Upper
101 100
85 45.4 34.5 51.7
151 76.5 61.7 92.5



#10
Methyl Iodide
Concen: 47.862 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion:142 Resp: 255247
Ion Ratio Lower Upper
142 100
127 46.1 32.8 49.2
141 14.1 11.4 17.2

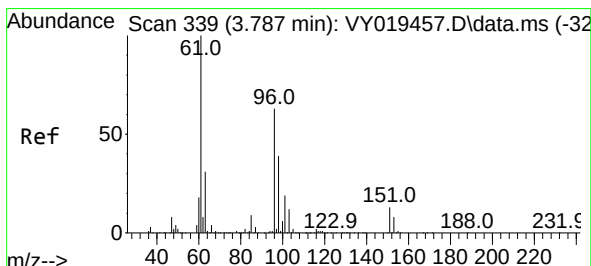
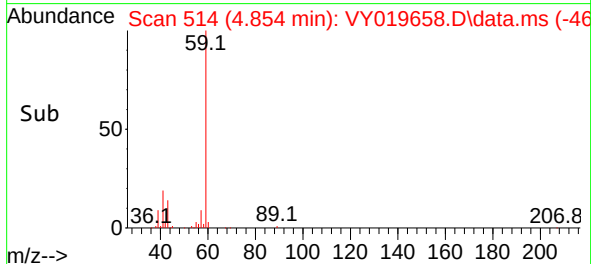
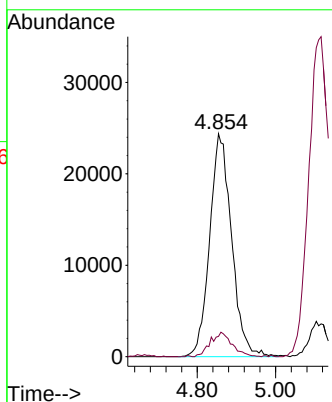
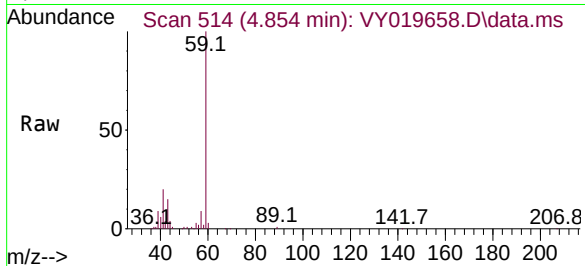




#11
Tert butyl alcohol
Concen: 281.247 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

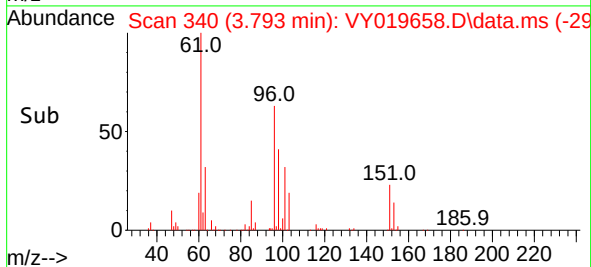
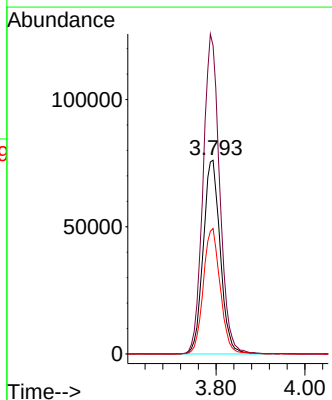
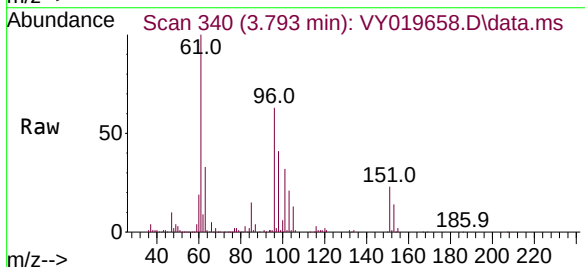
Instrument :
MSVOA_Y
ClientSampleId :

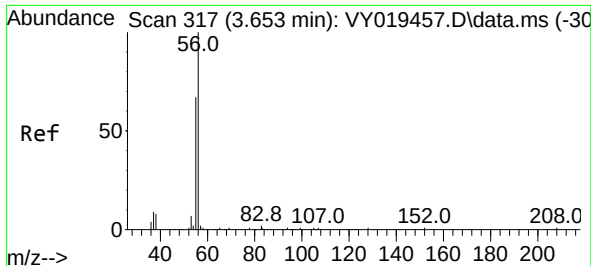
Tgt Ion: 59 Resp: 94828
Ion Ratio Lower Upper
59 100
57 10.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.964 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion: 96 Resp: 203871
Ion Ratio Lower Upper
96 100
61 158.9 114.6 171.8
98 64.7 50.8 76.2





#13

Acrolein

Concen: 160.201 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

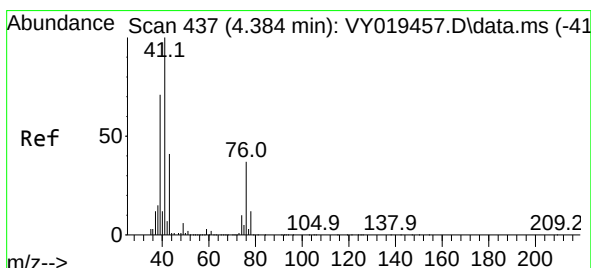
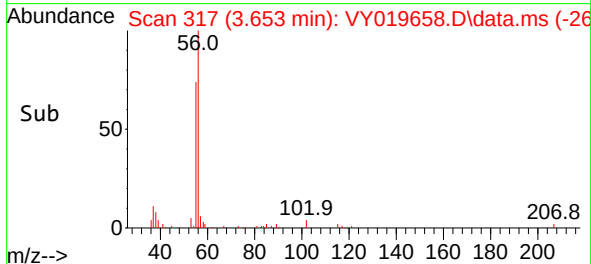
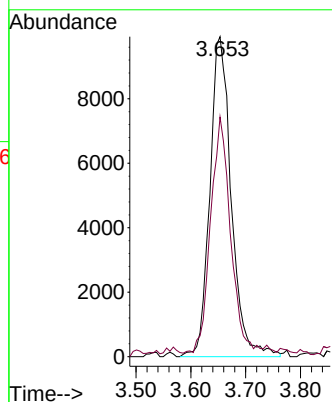
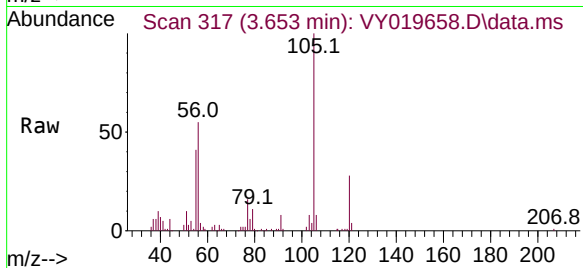
ClientSampleId :

Tgt Ion: 56 Resp: 26839

Ion Ratio Lower Upper

56 100

55 68.9 55.7 83.5



#14

Allyl chloride

Concen: 48.699 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

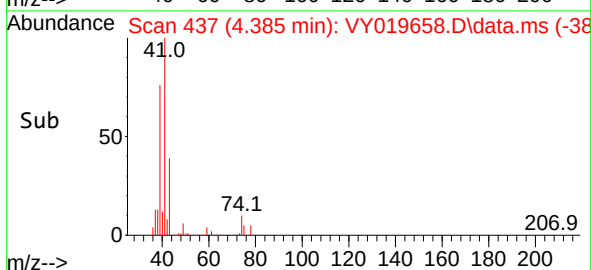
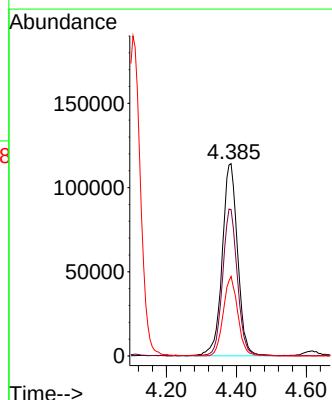
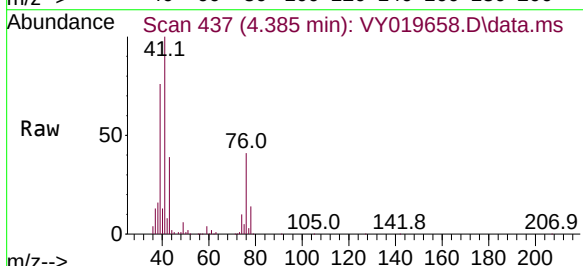
Tgt Ion: 41 Resp: 349353

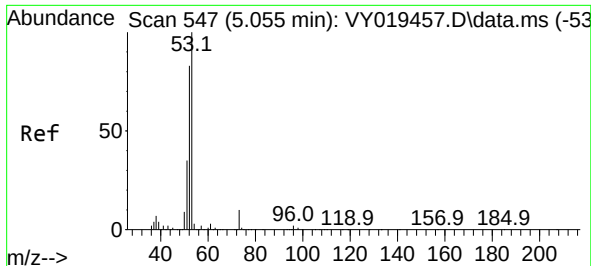
Ion Ratio Lower Upper

41 100

39 73.0 58.3 87.5

76 38.9 39.0 58.6#





#15

Acrylonitrile

Concen: 266.984 ug/l

RT: 5.055 min Scan# 54

Delta R.T. 0.000 min

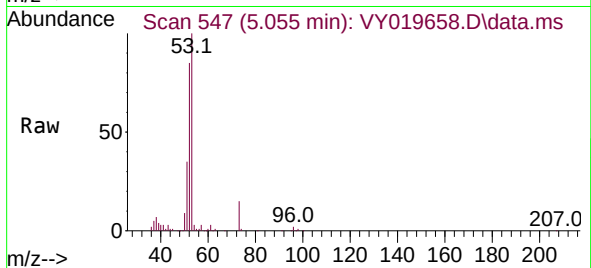
Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :



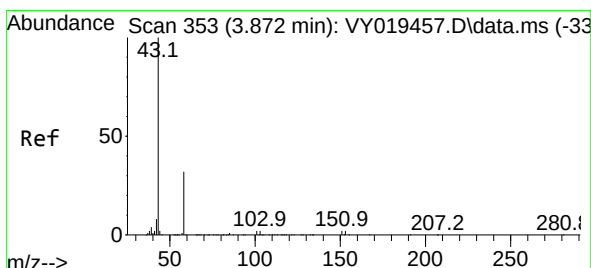
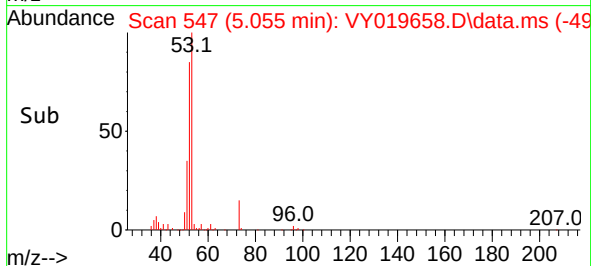
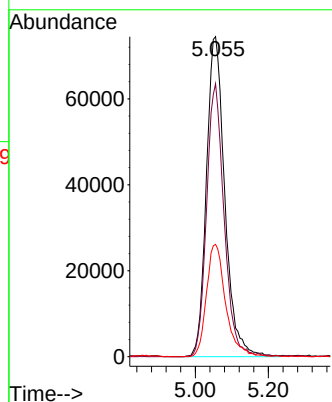
Tgt Ion: 53 Resp: 259834

Ion Ratio Lower Upper

53 100

52 80.9 64.7 97.1

51 36.6 28.4 42.6



#16

Acetone

Concen: 292.708 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY019658.D

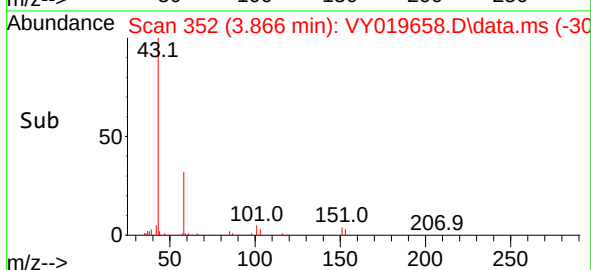
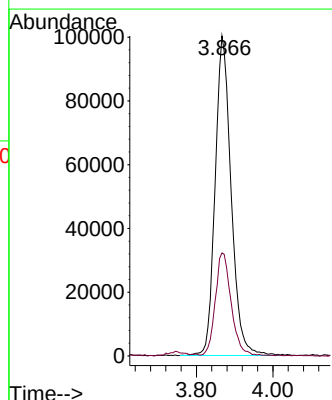
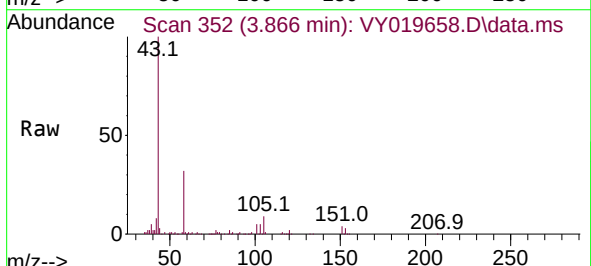
Acq: 23 Sep 2024 10:37

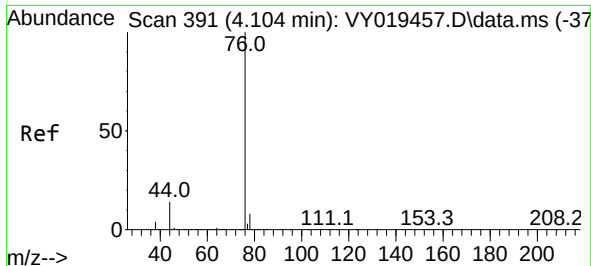
Tgt Ion: 43 Resp: 291142

Ion Ratio Lower Upper

43 100

58 32.0 31.7 47.5

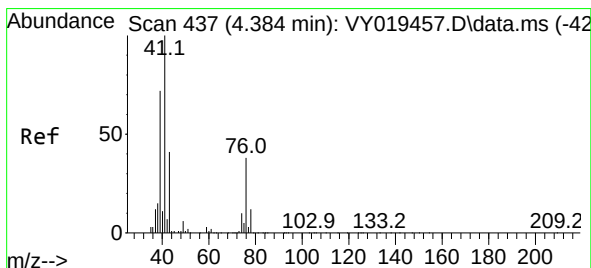
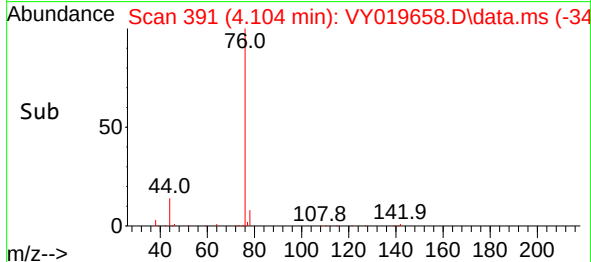
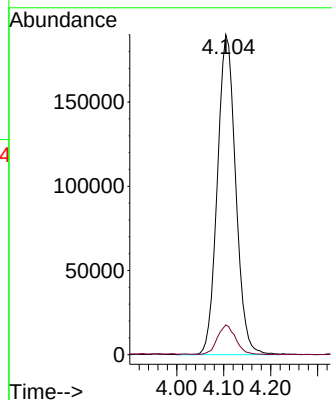
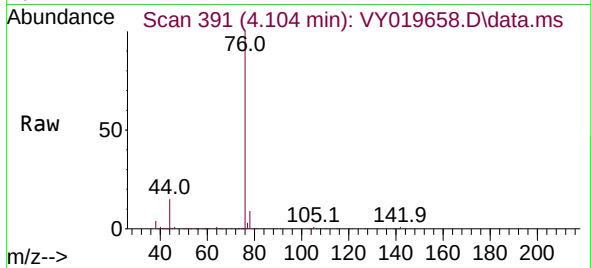




#17
Carbon Disulfide
Concen: 47.764 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

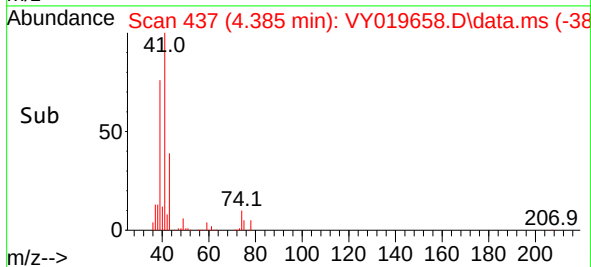
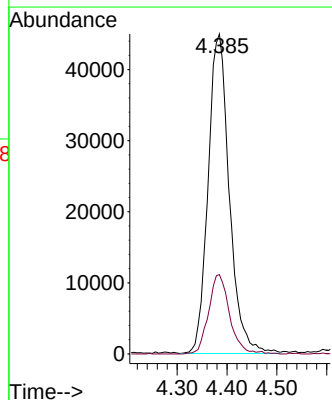
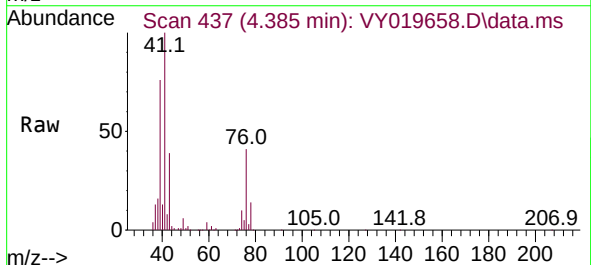
Instrument :
MSVOA_Y
ClientSampleId :

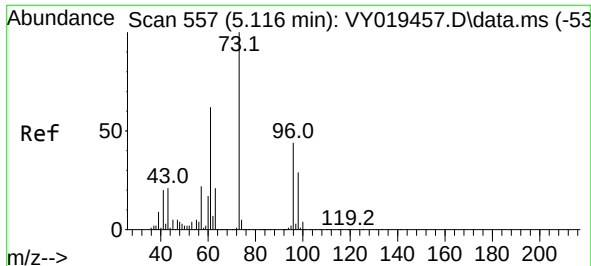
Tgt Ion: 76 Resp: 516239
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 49.159 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion: 43 Resp: 132694
Ion Ratio Lower Upper
43 100
74 24.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 54.220 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

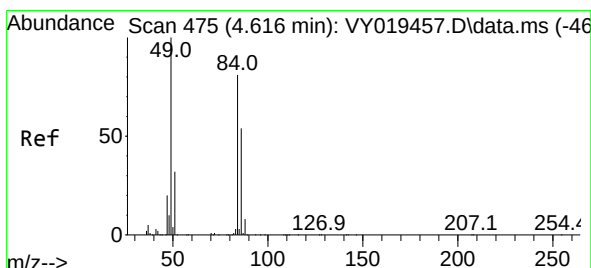
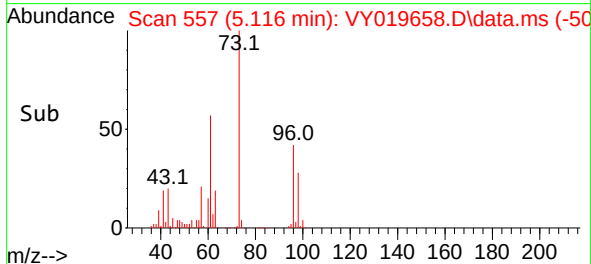
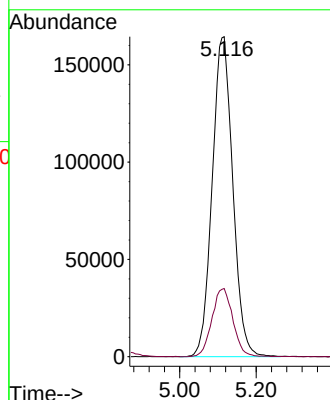
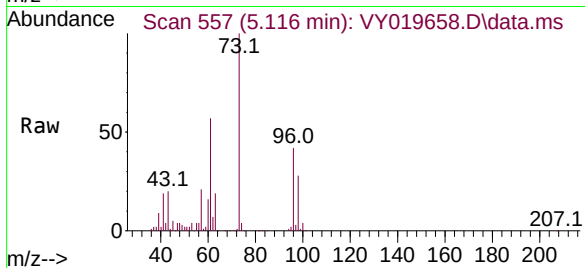
ClientSampleId :

Tgt Ion: 73 Resp: 614299

Ion Ratio Lower Upper

73 100

57 21.3 17.3 25.9



#20

Methylene Chloride

Concen: 50.267 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Tgt Ion: 84 Resp: 228016

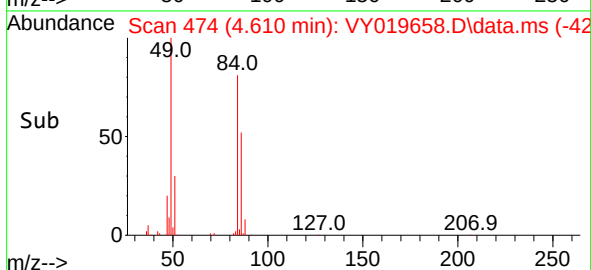
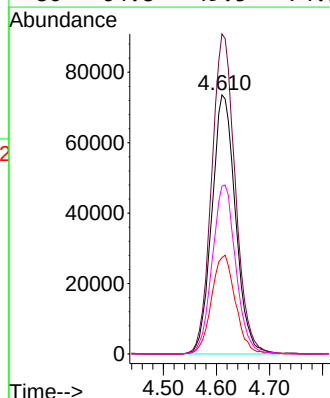
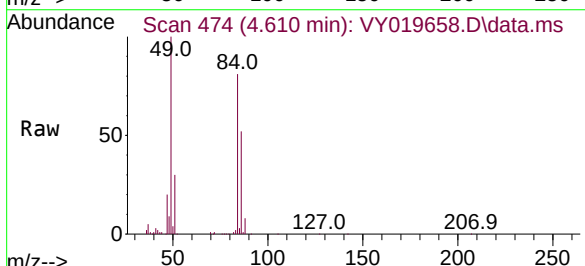
Ion Ratio Lower Upper

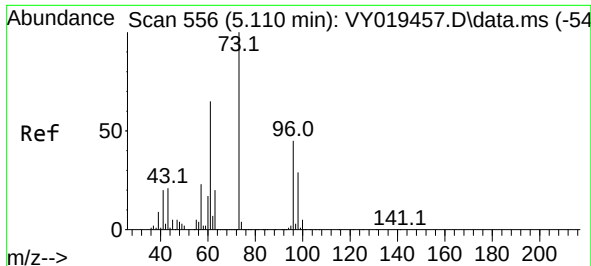
84 100

49 123.5 84.4 126.6

51 37.2 26.0 39.0

86 64.8 49.5 74.3

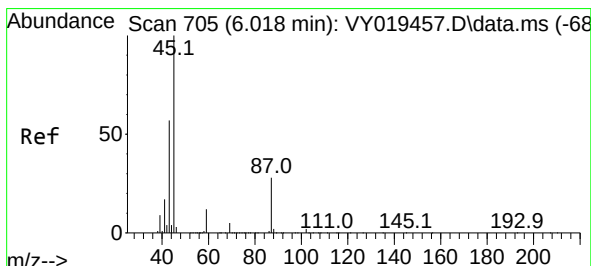
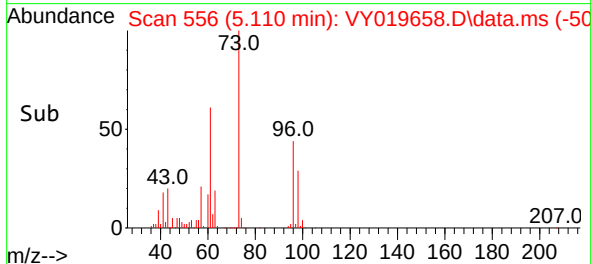
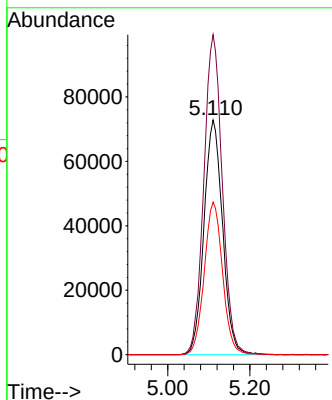
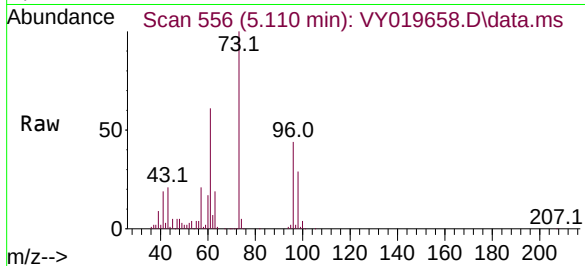




#21
trans-1,2-Dichloroethene
Concen: 52.164 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

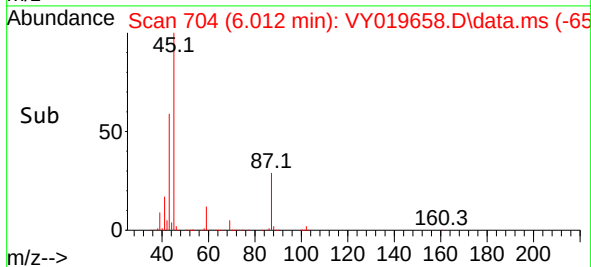
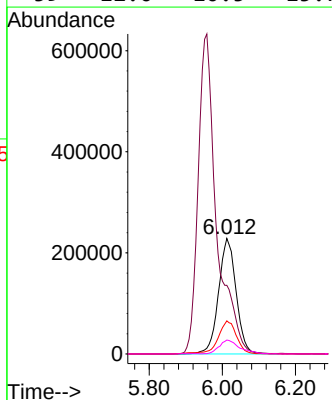
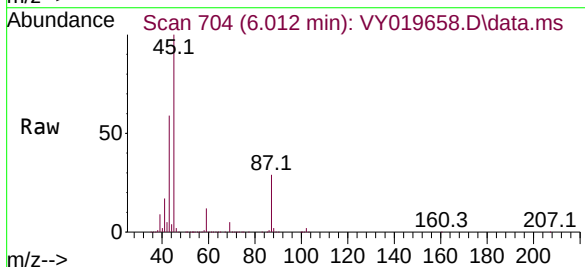
Instrument :
MSVOA_Y
ClientSampleId :

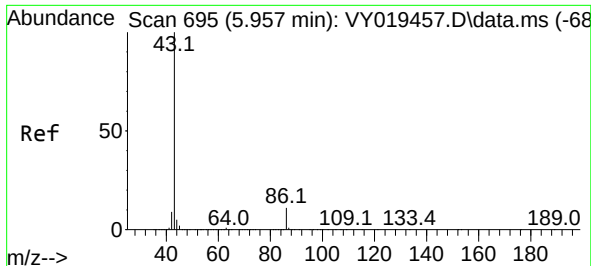
Tgt Ion: 96 Resp: 228725
Ion Ratio Lower Upper
96 100
61 136.4 97.5 146.3
98 65.0 50.5 75.7



#22
Diisopropyl ether
Concen: 51.809 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion: 45 Resp: 763216
Ion Ratio Lower Upper
45 100
43 59.3 42.2 63.2
87 28.6 25.0 37.6
59 12.0 10.5 15.7

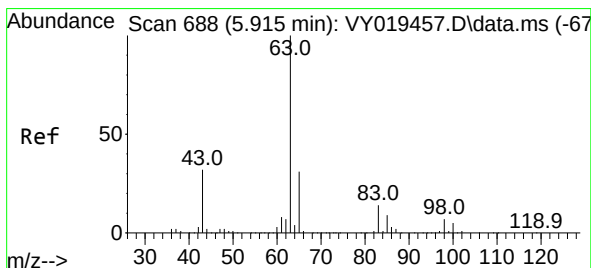
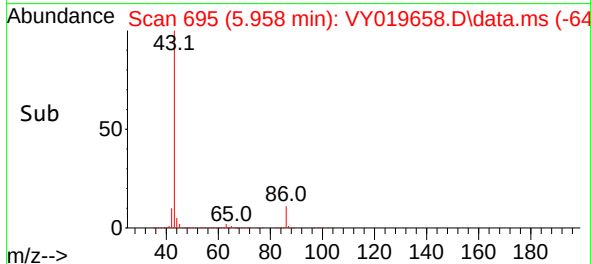
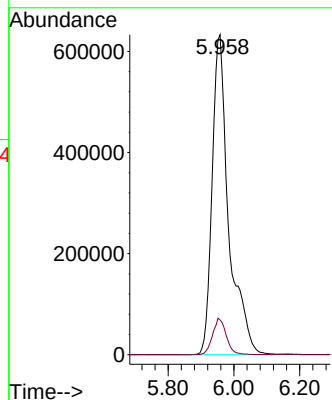
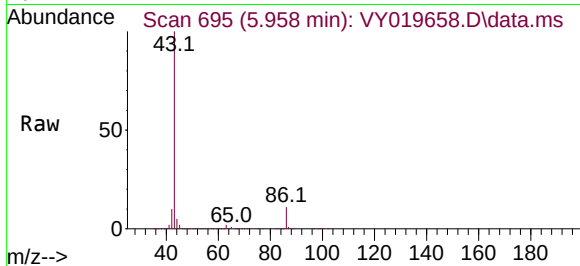




#23
 Vinyl Acetate
 Concen: 263.591 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019658.D
 Acq: 23 Sep 2024 10:37

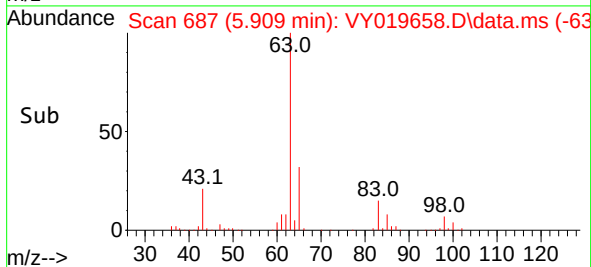
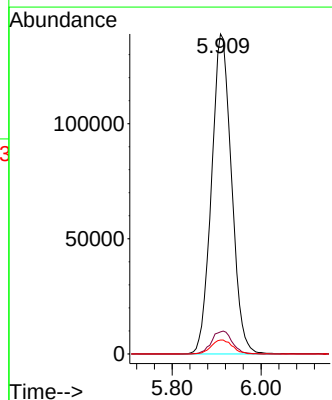
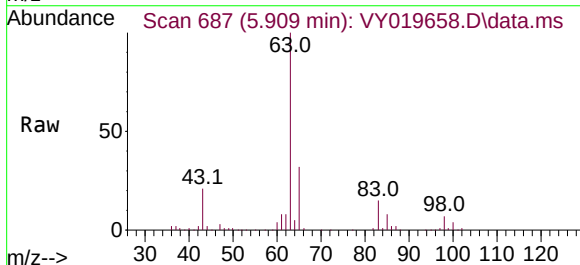
Instrument :
 MSVOA_Y
 ClientSampleId :

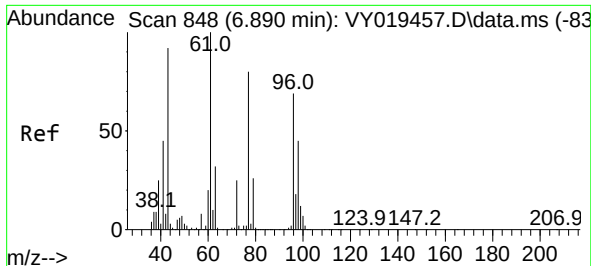
Tgt Ion: 43 Resp: 2217971
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 52.476 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019658.D
 Acq: 23 Sep 2024 10:37

Tgt Ion: 63 Resp: 433788
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 4.4 2.6 8.0

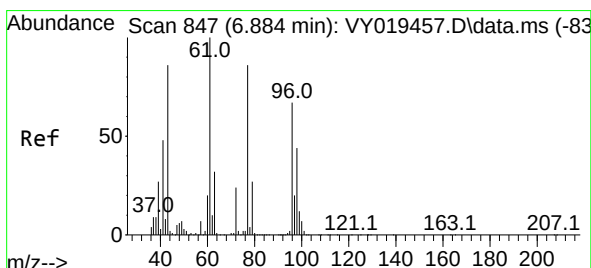
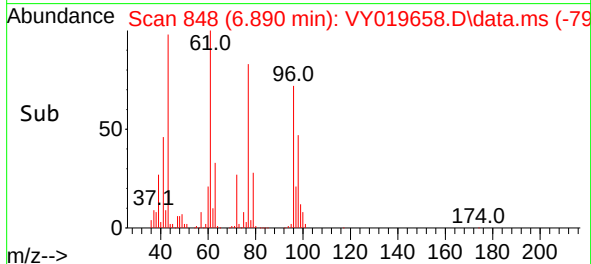
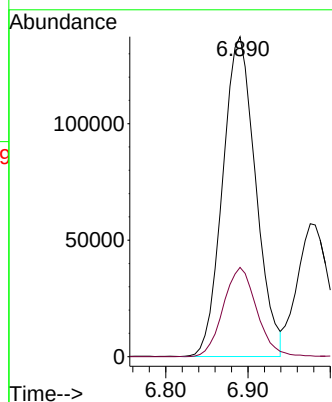
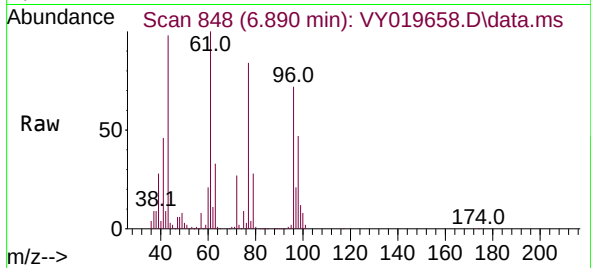




#25
2-Butanone
Concen: 270.417 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

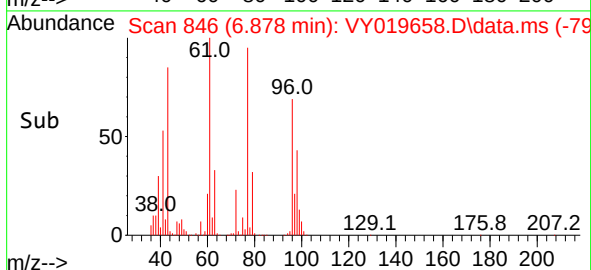
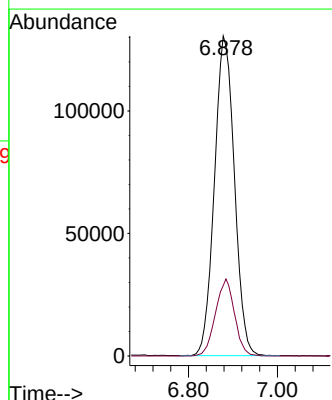
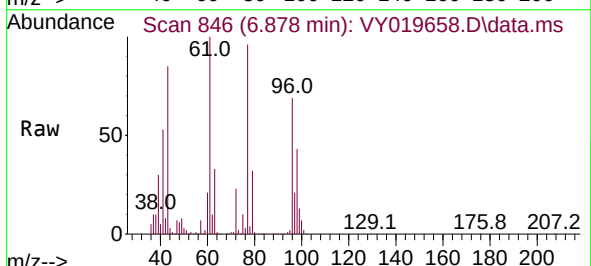
Instrument :
MSVOA_Y
ClientSampleId :

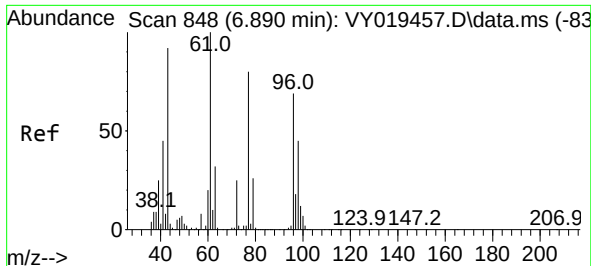
Tgt Ion: 43 Resp: 382543
Ion Ratio Lower Upper
43 100
72 27.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 54.505 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

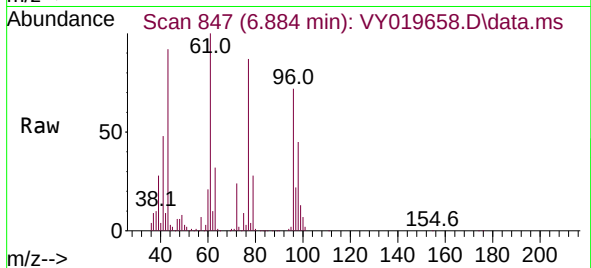
Tgt Ion: 77 Resp: 406423
Ion Ratio Lower Upper
77 100
97 22.9 12.0 36.1





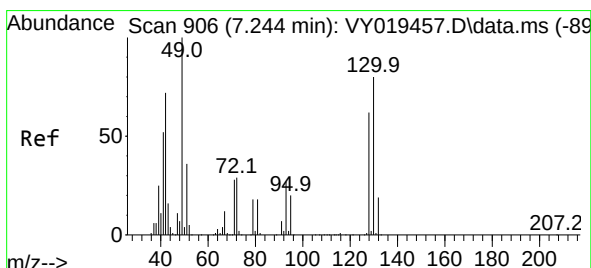
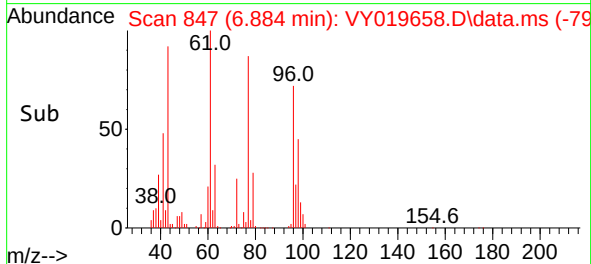
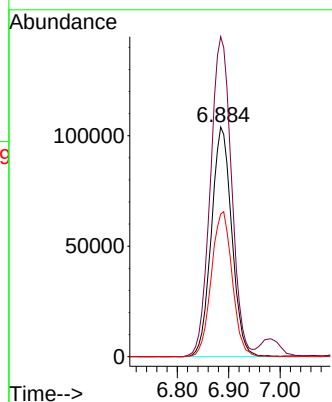
#27
 cis-1,2-Dichloroethene
 Concen: 53.960 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019658.D
 Acq: 23 Sep 2024 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 287403

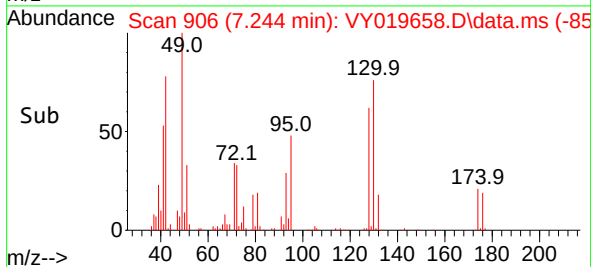
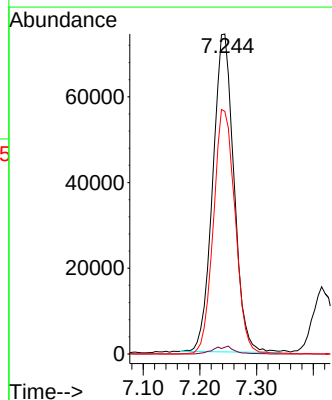
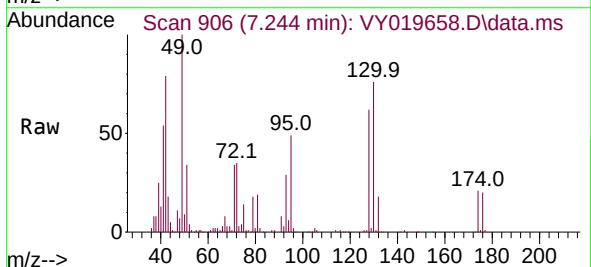
Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	256.2
98	64.3	0.0	130.0

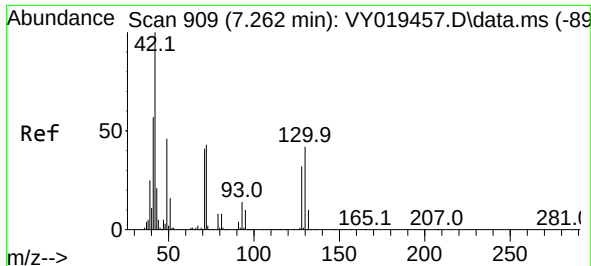


#28
 Bromochloromethane
 Concen: 55.483 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019658.D
 Acq: 23 Sep 2024 10:37

Tgt Ion: 49 Resp: 192976

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	78.6	72.7	109.1





#29

Tetrahydrofuran

Concen: 259.106 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

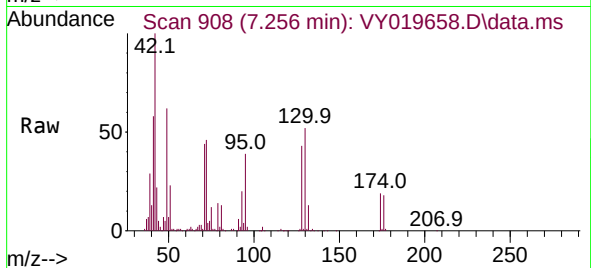
Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :



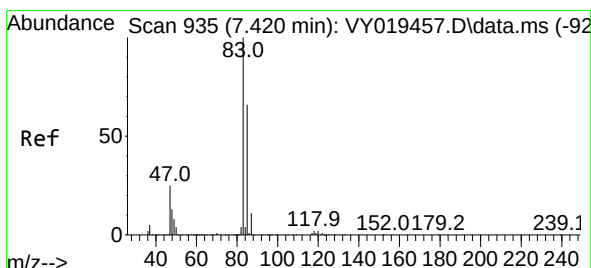
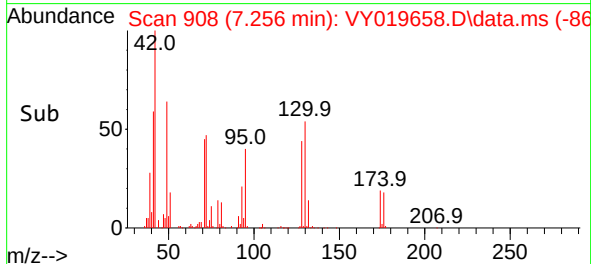
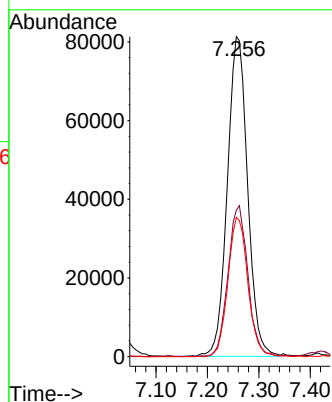
Tgt Ion: 42 Resp: 222863

Ion Ratio Lower Upper

42 100

72 46.5 43.0 64.4

71 43.2 40.8 61.2



#30

Chloroform

Concen: 55.005 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY019658.D

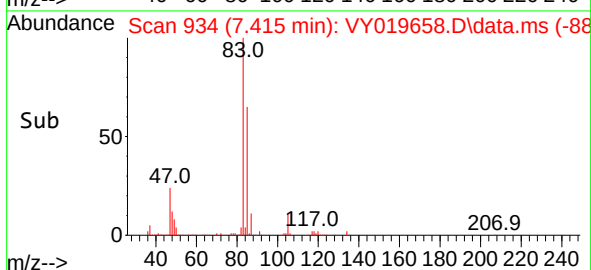
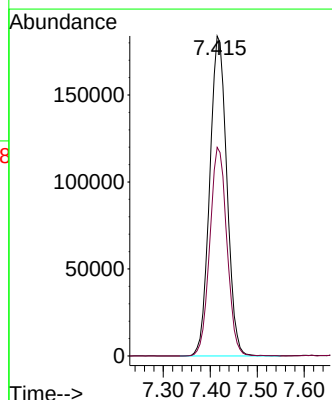
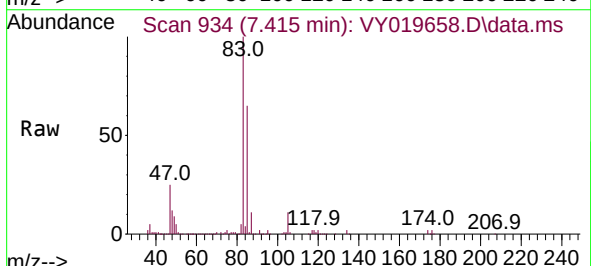
Acq: 23 Sep 2024 10:37

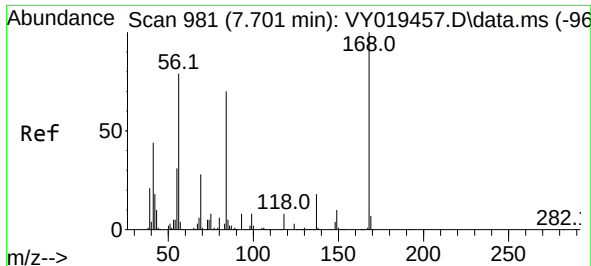
Tgt Ion: 83 Resp: 464171

Ion Ratio Lower Upper

83 100

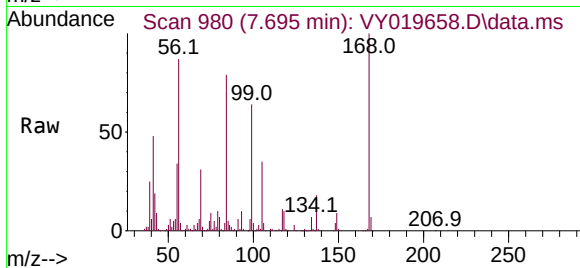
85 65.2 52.2 78.4



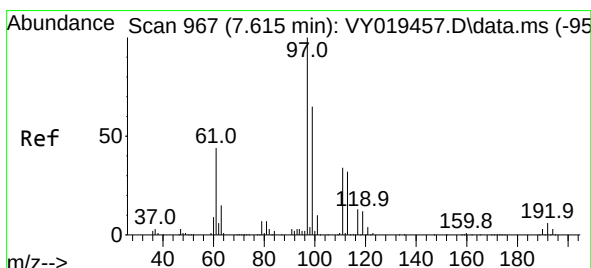
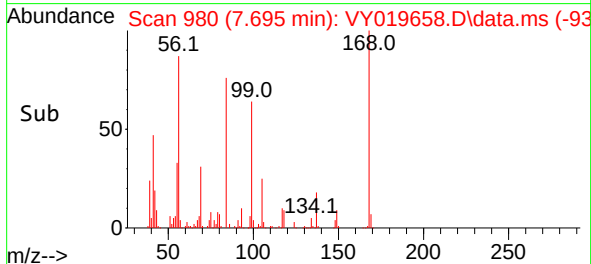
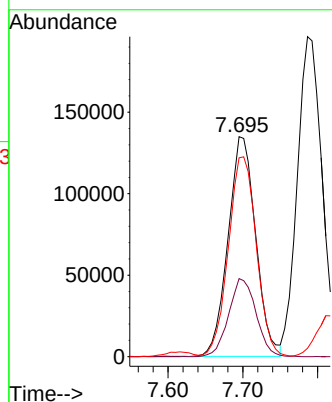


#31
Cyclohexane
Concen: 46.353 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :

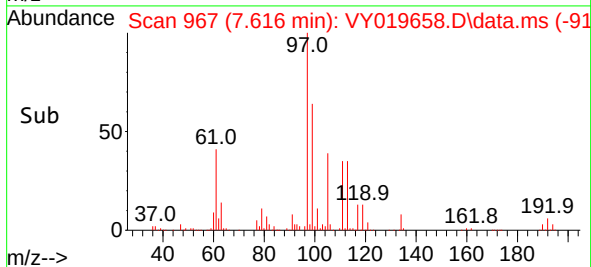
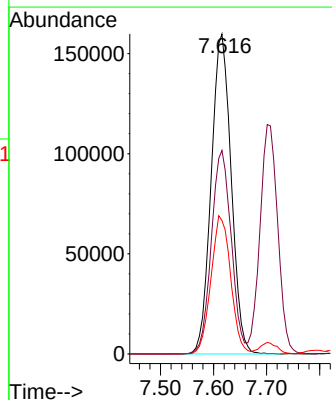
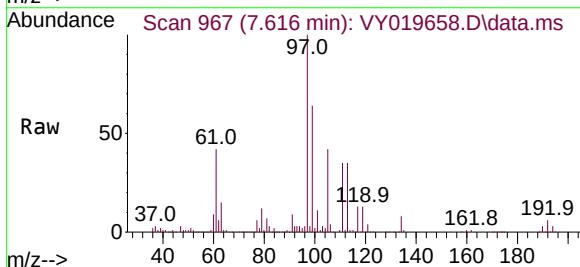


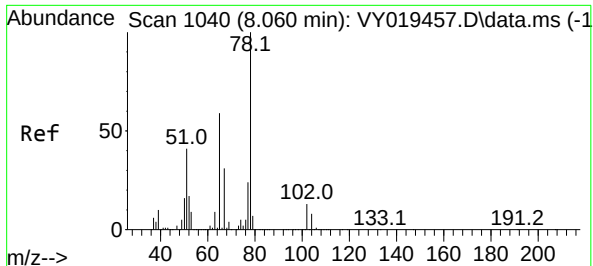
Tgt Ion: 56 Resp: 346348
Ion Ratio Lower Upper
56 100
69 35.5 28.7 43.1
84 89.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 55.238 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion: 97 Resp: 417813
Ion Ratio Lower Upper
97 100
99 63.2 50.3 75.5
61 42.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.809 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

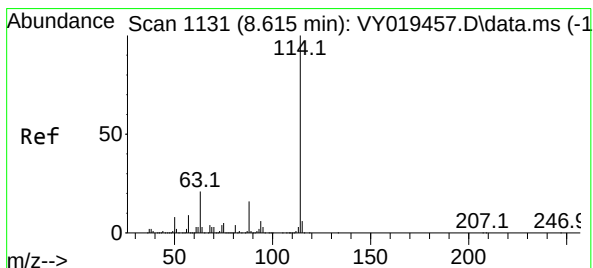
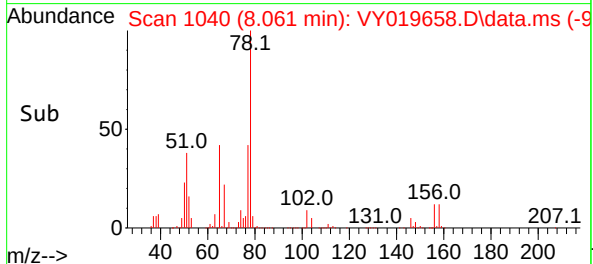
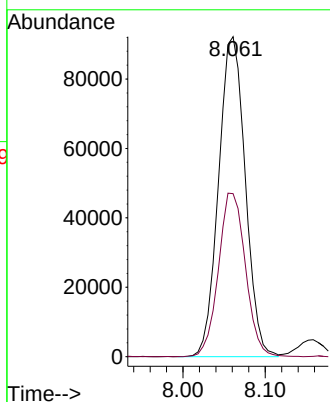
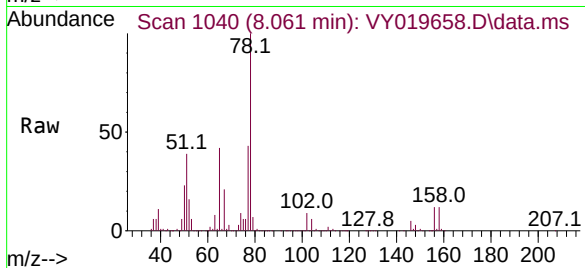
ClientSampleId :

Tgt Ion: 65 Resp: 207954

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

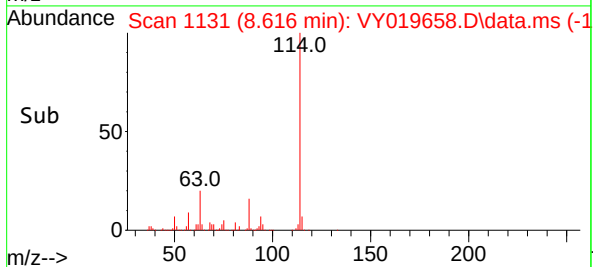
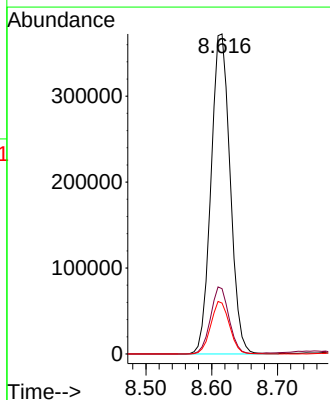
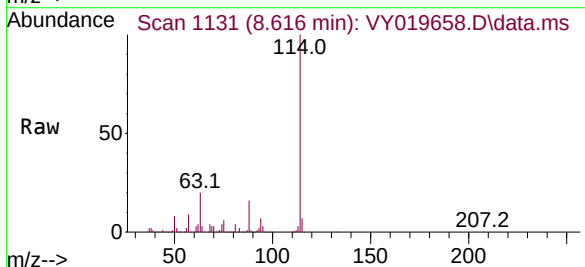
Tgt Ion: 114 Resp: 753404

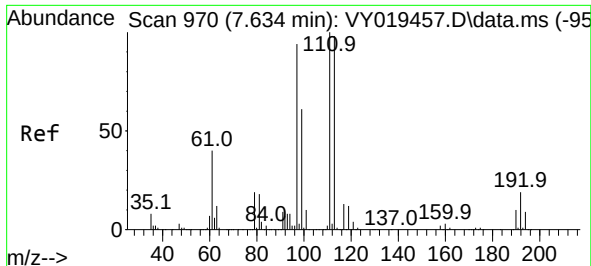
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

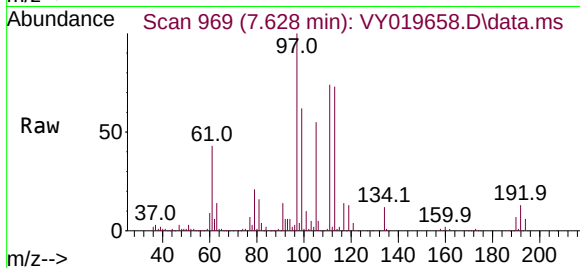
88 15.9 0.0 27.2



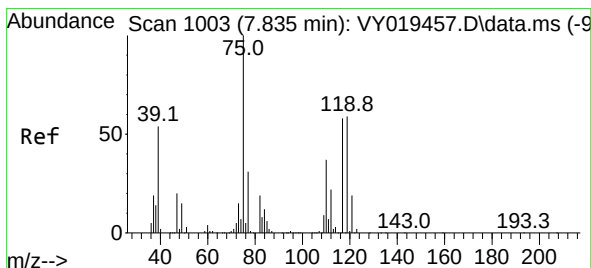
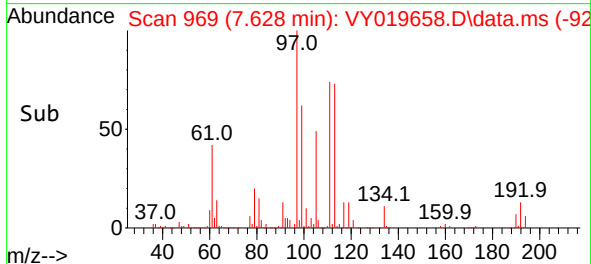
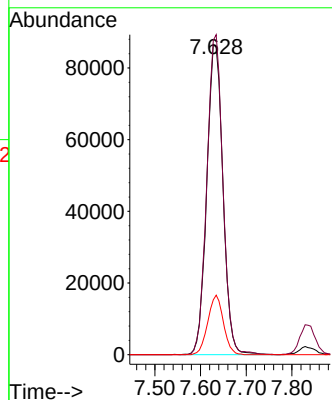


#35
Dibromofluoromethane
Concen: 49.857 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :

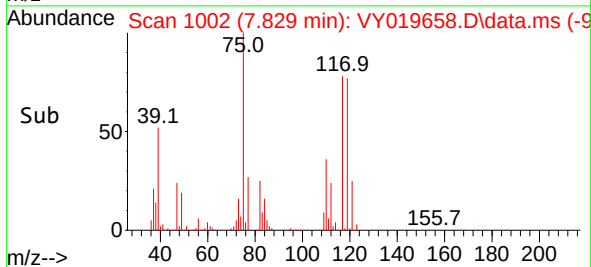
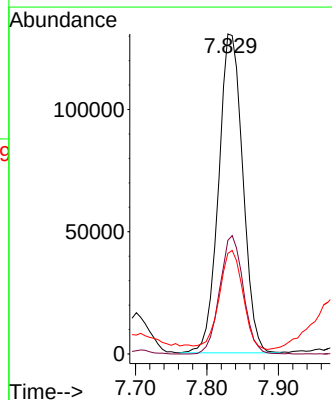
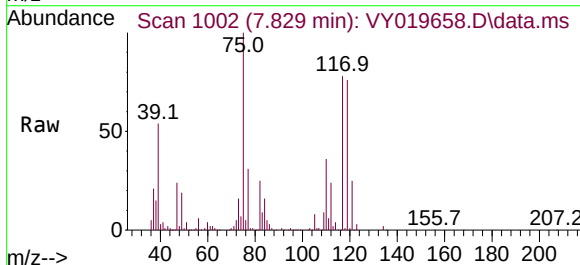


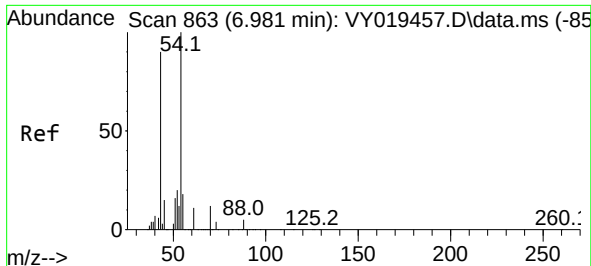
Tgt Ion:113 Resp: 212974
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 18.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.805 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion: 75 Resp: 306931
Ion Ratio Lower Upper
75 100
110 36.1 19.0 57.0
77 30.4 25.3 37.9





#37

Ethyl Acetate

Concen: 52.819 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

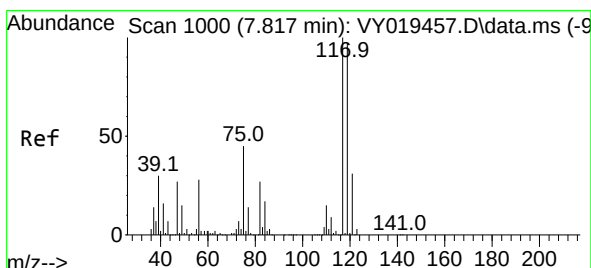
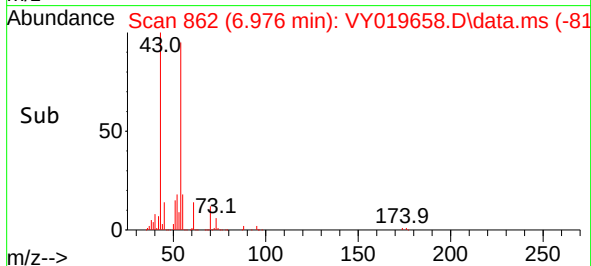
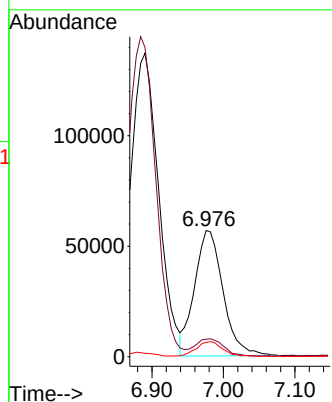
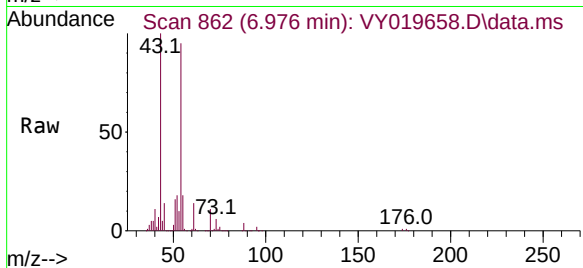
Tgt Ion: 43 Resp: 157304

Ion Ratio Lower Upper

43 100

61 14.0 12.6 19.0

70 11.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.100 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

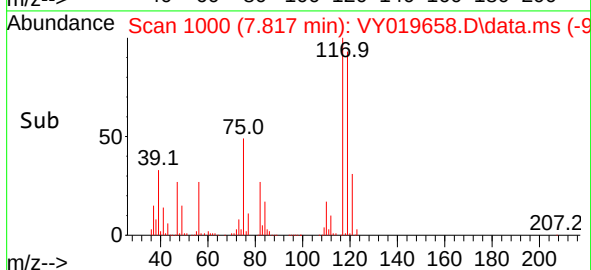
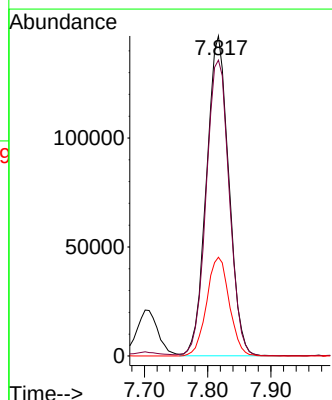
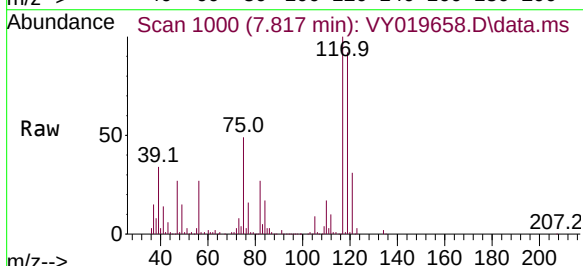
Tgt Ion:117 Resp: 361161

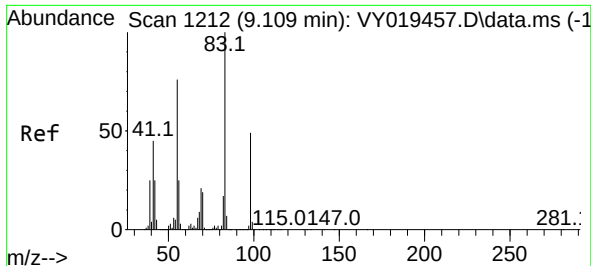
Ion Ratio Lower Upper

117 100

119 92.4 75.8 113.6

121 30.9 24.0 36.0





#39

Methylcyclohexane

Concen: 51.232 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

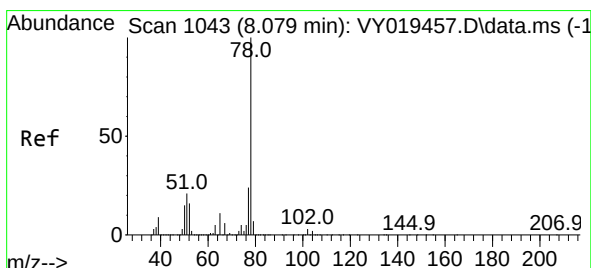
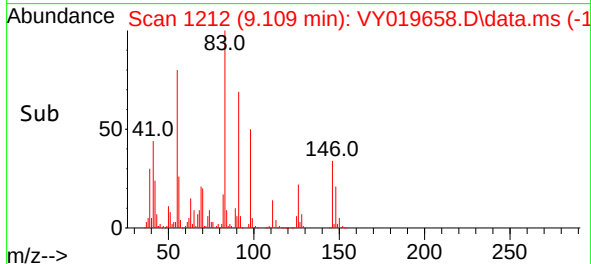
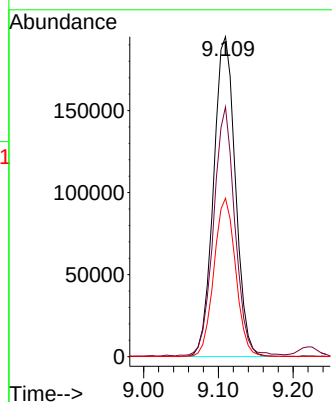
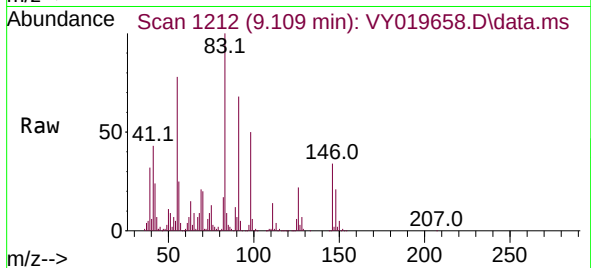
Tgt Ion: 83 Resp: 396287

Ion Ratio Lower Upper

83 100

55 77.5 51.5 77.3#

98 49.5 40.5 60.7



#40

Benzene

Concen: 55.634 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019658.D

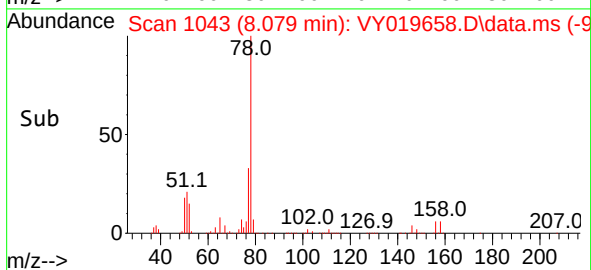
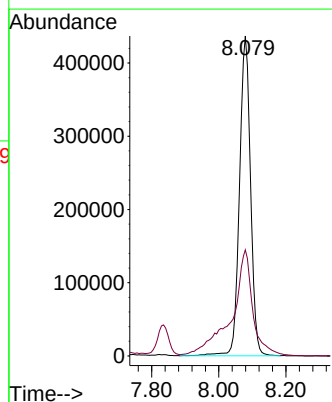
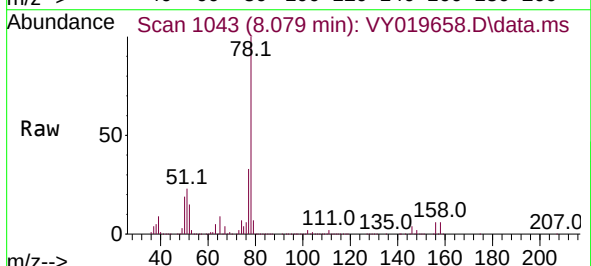
Acq: 23 Sep 2024 10:37

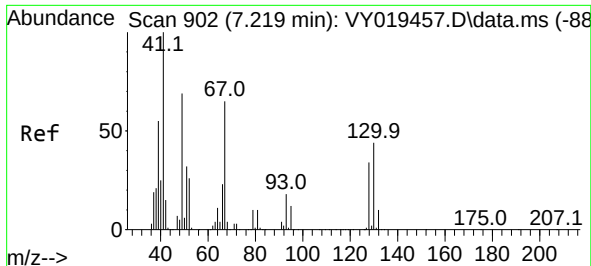
Tgt Ion: 78 Resp: 995998

Ion Ratio Lower Upper

78 100

77 32.8 19.5 29.3#

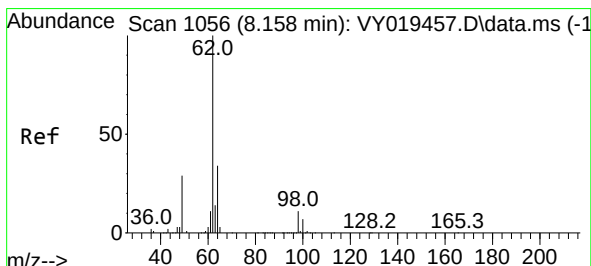
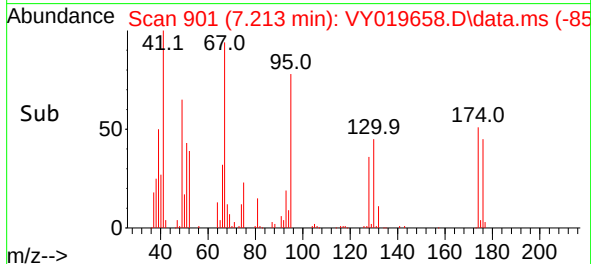
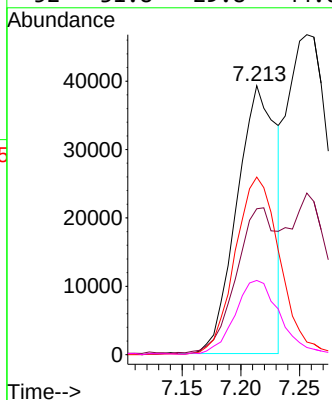
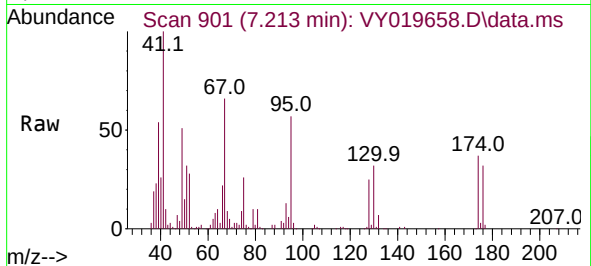




#41
Methacrylonitrile
Concen: 52.726 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

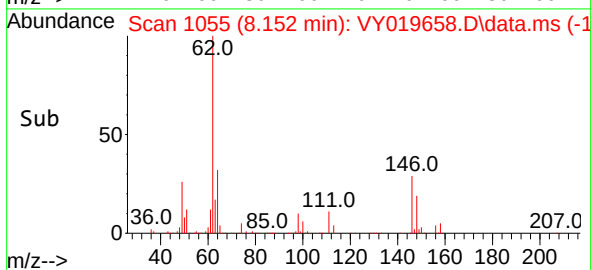
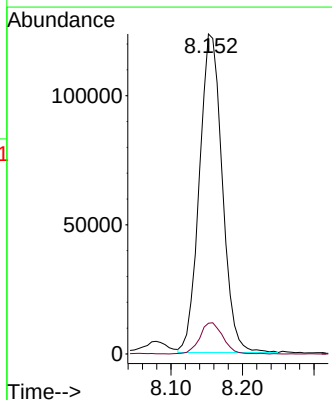
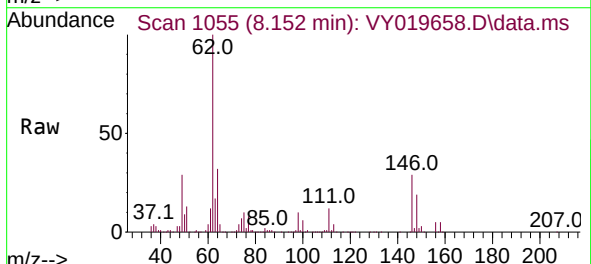
Instrument :
MSVOA_Y
ClientSampleId :

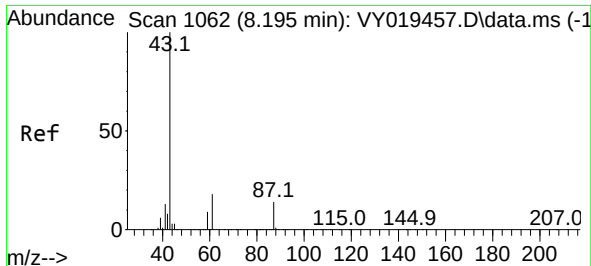
Tgt Ion: 41 Resp: 91535
Ion Ratio Lower Upper
41 100
39 55.6 48.0 72.0
67 76.2 75.1 112.7
52 31.8 29.8 44.6



#42
1,2-Dichloroethane
Concen: 56.856 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion: 62 Resp: 273896
Ion Ratio Lower Upper
62 100
98 10.0 0.0 22.0





#43

Isopropyl Acetate

Concen: 52.835 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

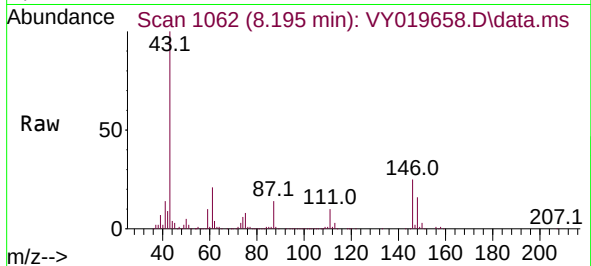
Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

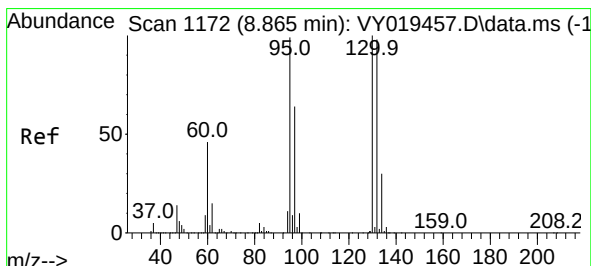
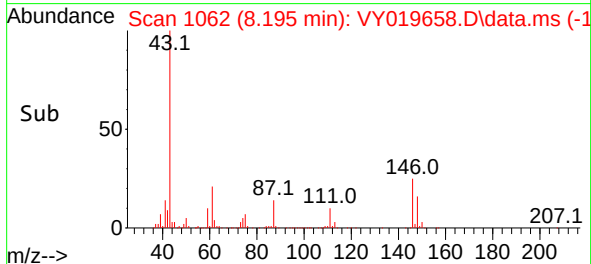
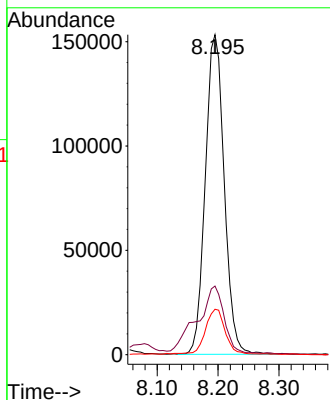
MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 330584

Ion	Ratio	Lower	Upper
43	100		
61	30.4	27.9	41.9
87	14.6	13.1	19.7



#44

Trichloroethene

Concen: 53.768 ug/l

RT: 8.866 min Scan# 1172

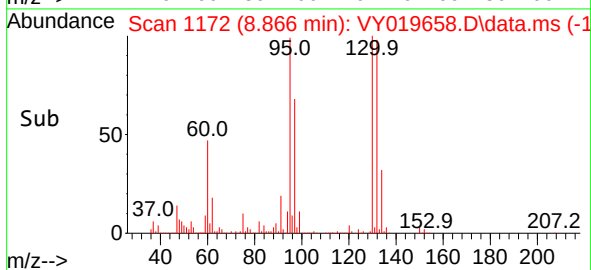
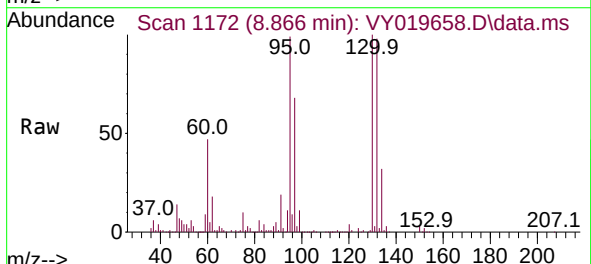
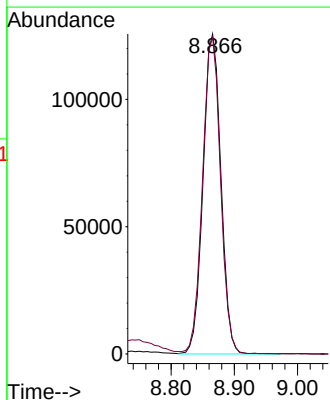
Delta R.T. 0.000 min

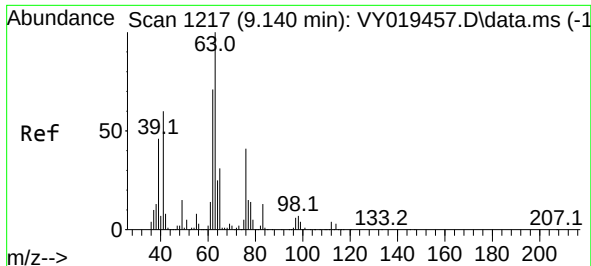
Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Tgt Ion: 130 Resp: 247562

Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	188.0





#45

1,2-Dichloropropane

Concen: 78.822 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

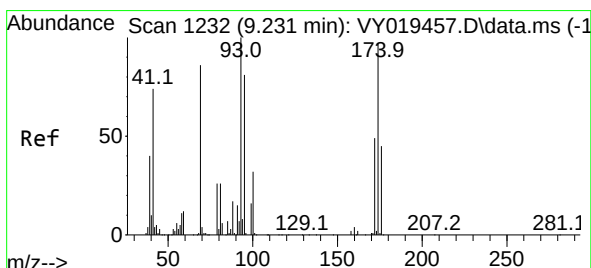
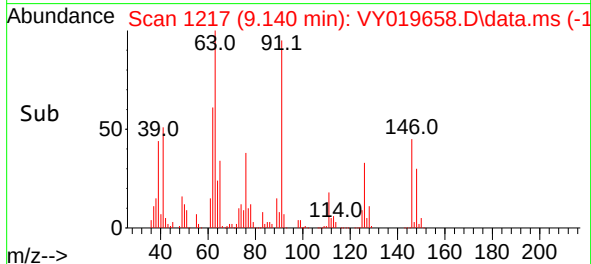
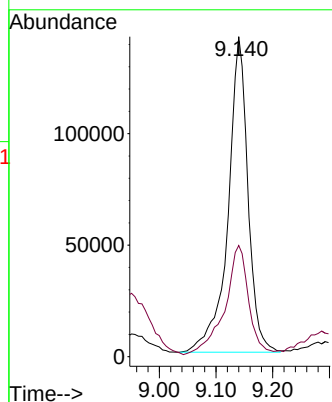
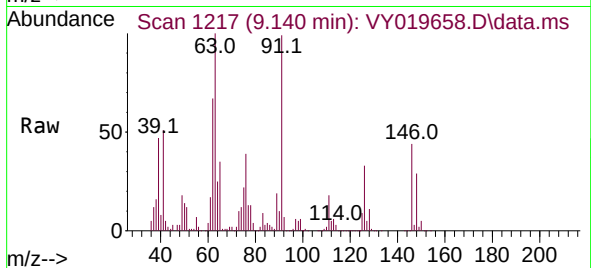
ClientSampleId :

Tgt Ion: 63 Resp: 344985

Ion Ratio Lower Upper

63 100

65 34.1 25.4 38.2



#46

Dibromomethane

Concen: 59.737 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

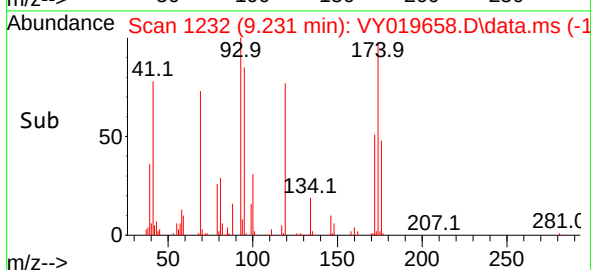
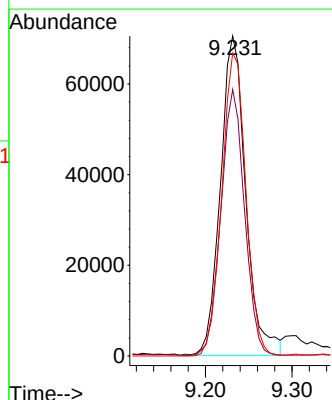
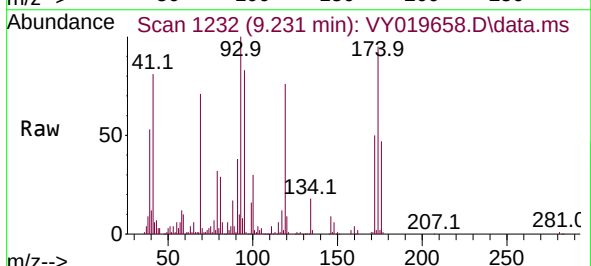
Tgt Ion: 93 Resp: 142977

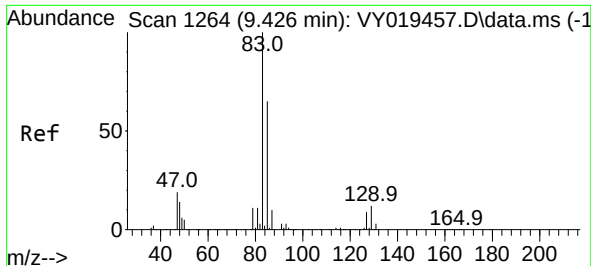
Ion Ratio Lower Upper

93 100

95 77.9 66.2 99.4

174 90.0 80.9 121.3

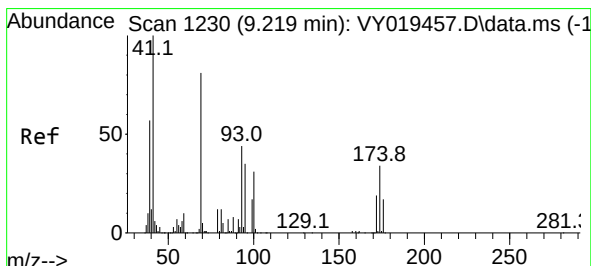
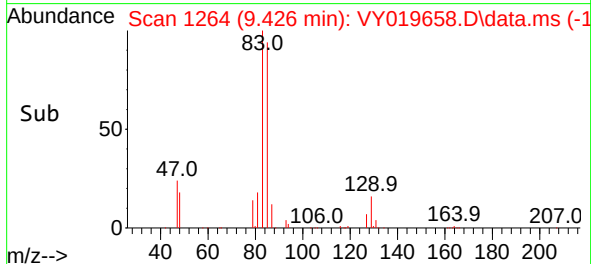
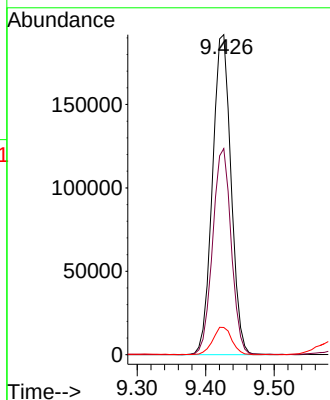
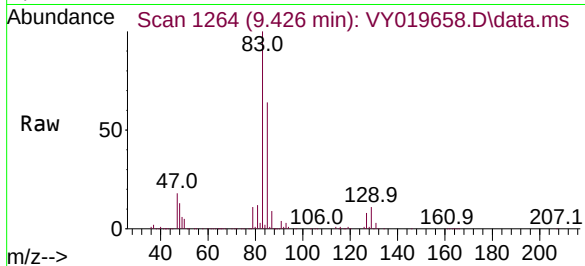




#47
Bromodichloromethane
Concen: 55.966 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

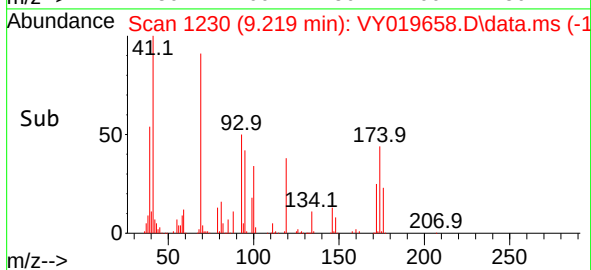
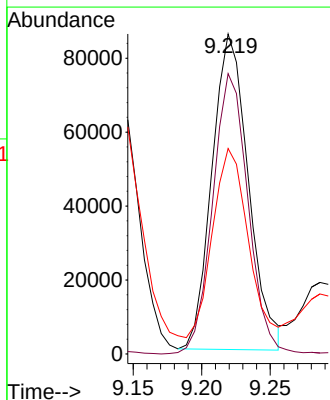
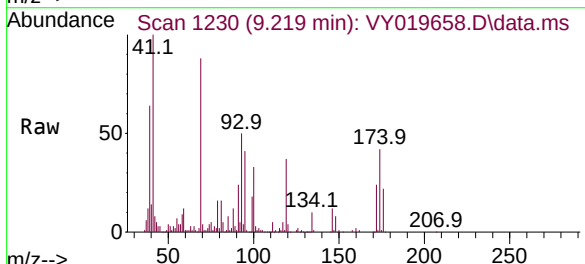
Instrument :
MSVOA_Y
ClientSampleId :

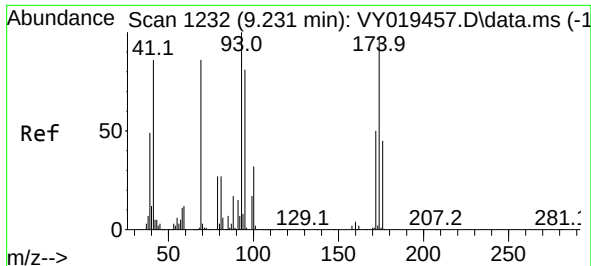
Tgt Ion: 83 Resp: 360071
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 53.380 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion: 41 Resp: 157724
Ion Ratio Lower Upper
41 100
69 86.7 84.1 126.1
39 59.0 43.6 65.4





#49

1,4-Dioxane

Concen: 1164.317 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

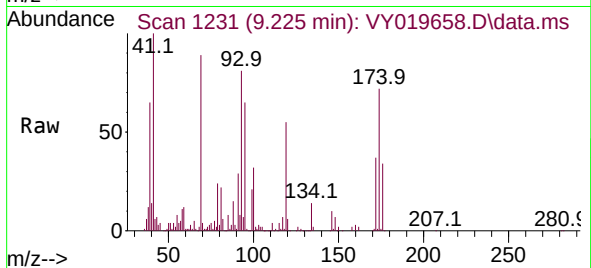
Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :



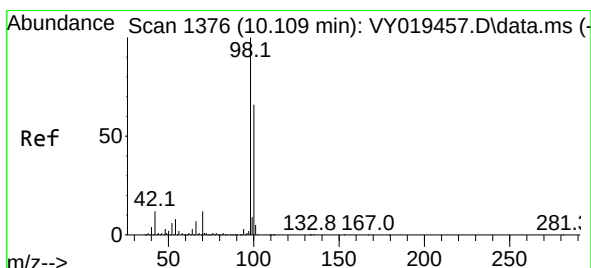
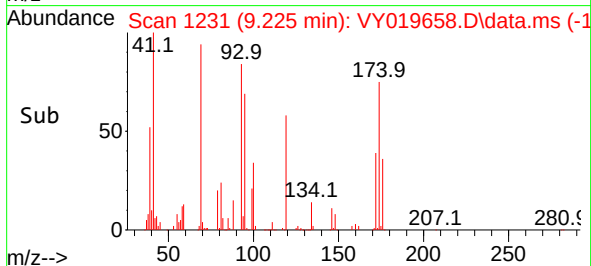
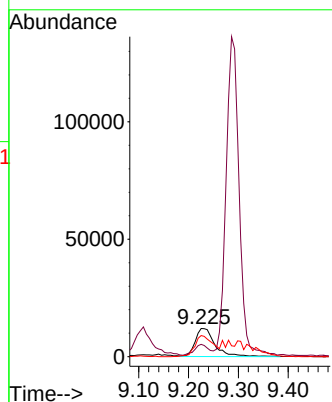
Tgt Ion: 88 Resp: 32806

Ion Ratio Lower Upper

88 100

43 30.5 0.0 0.0#

58 69.8 49.3 73.9



#50

Toluene-d8

Concen: 48.456 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019658.D

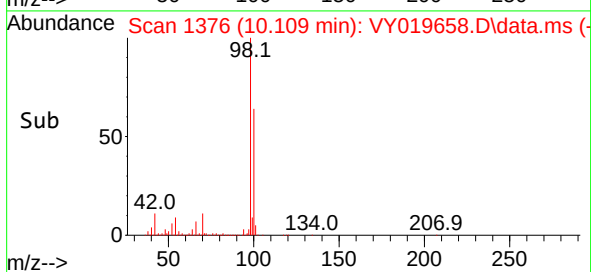
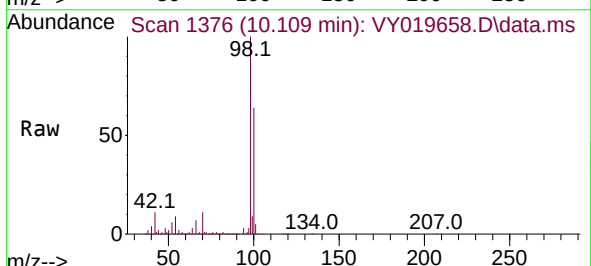
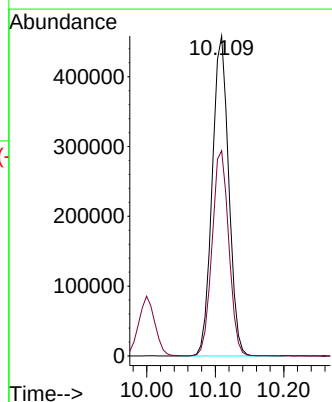
Acq: 23 Sep 2024 10:37

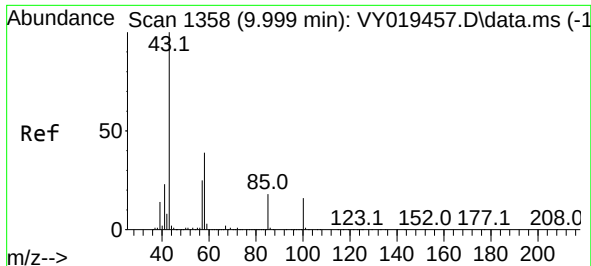
Tgt Ion: 98 Resp: 765594

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 266.404 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

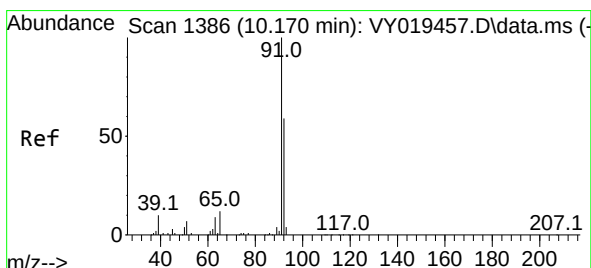
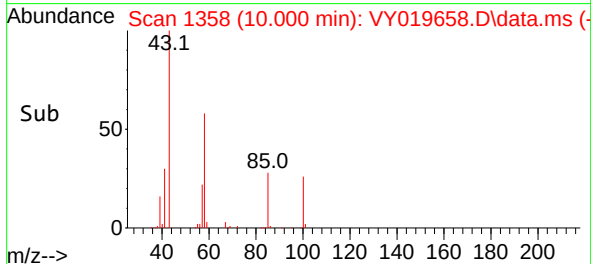
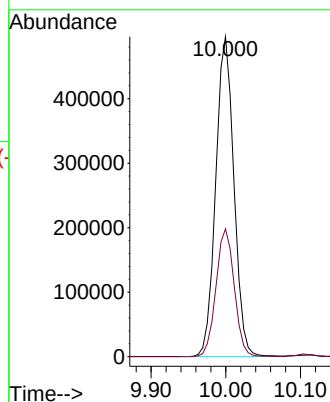
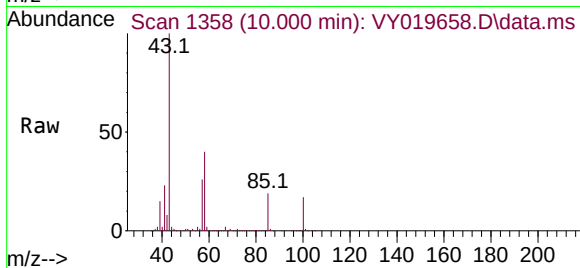
ClientSampleId :

Tgt Ion: 43 Resp: 838589

Ion Ratio Lower Upper

43 100

58 40.2 35.7 53.5



#52

Toluene

Concen: 54.393 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019658.D

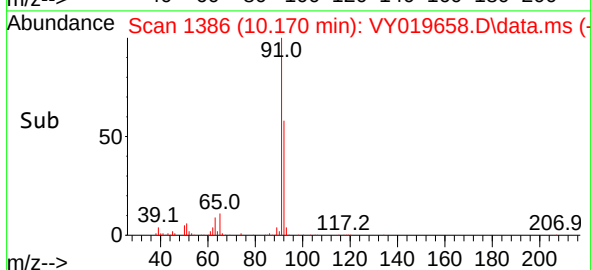
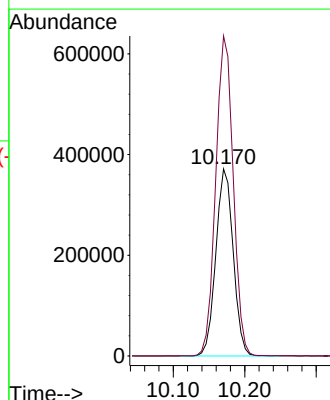
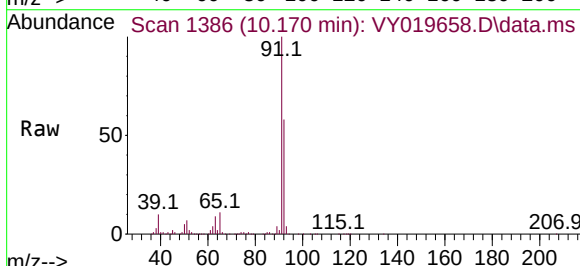
Acq: 23 Sep 2024 10:37

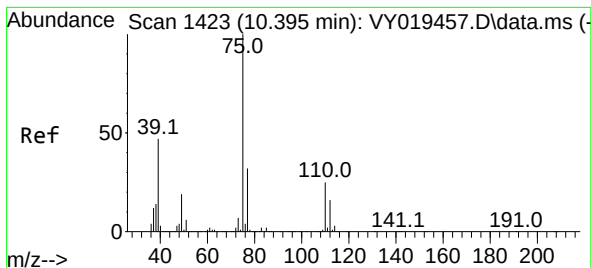
Tgt Ion: 92 Resp: 626283

Ion Ratio Lower Upper

92 100

91 172.7 139.0 208.6

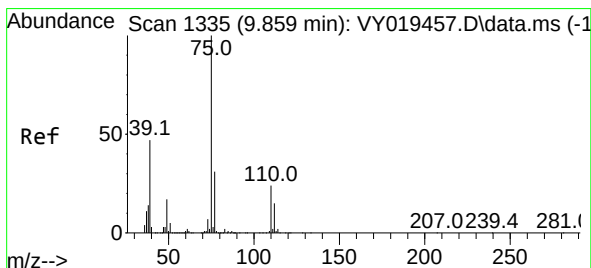
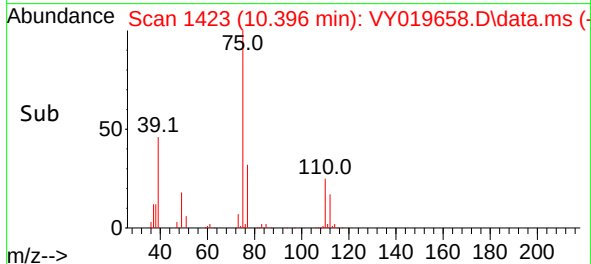
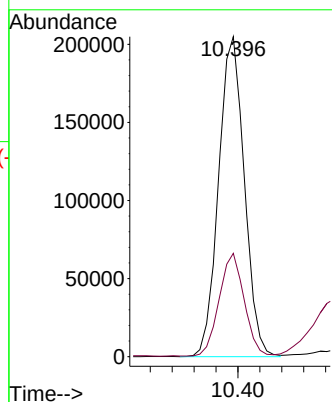
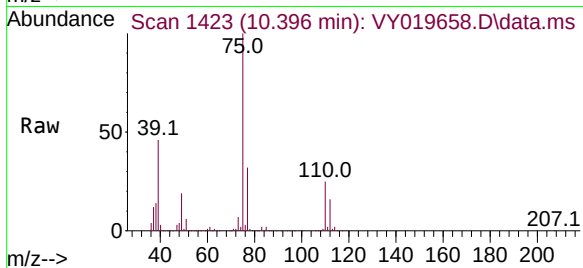




#53
 t-1,3-Dichloropropene
 Concen: 54.482 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY019658.D
 Acq: 23 Sep 2024 10:37

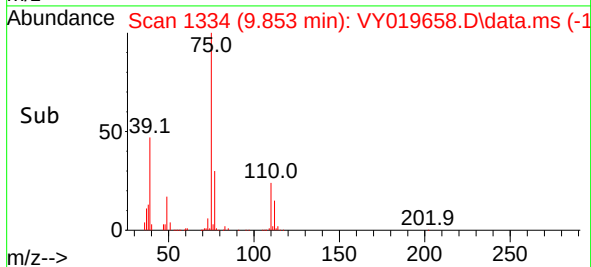
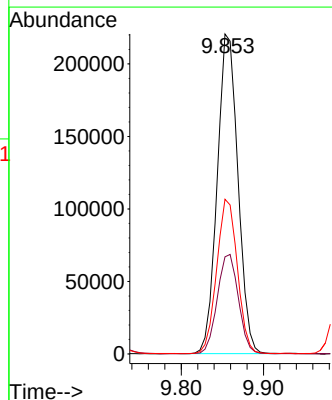
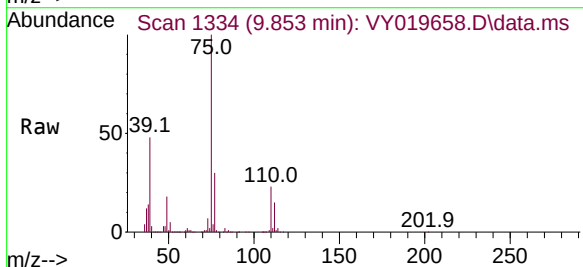
Instrument :
 MSVOA_Y
 ClientSampleId :

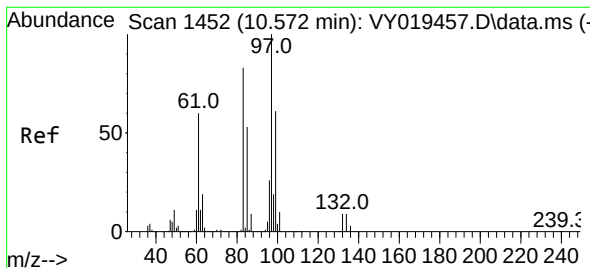
Tgt Ion: 75 Resp: 334143
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 54.148 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY019658.D
 Acq: 23 Sep 2024 10:37

Tgt Ion: 75 Resp: 386700
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0
 39 48.3 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 58.097 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 192026

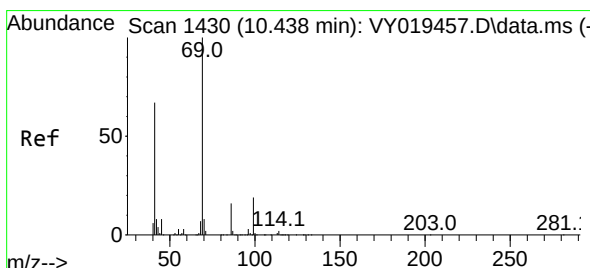
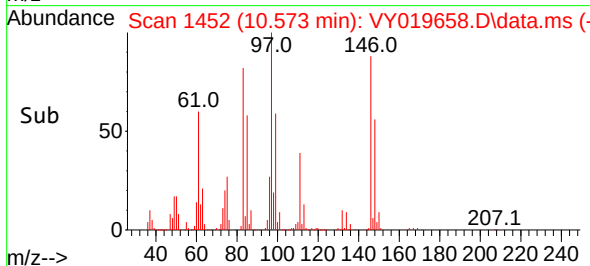
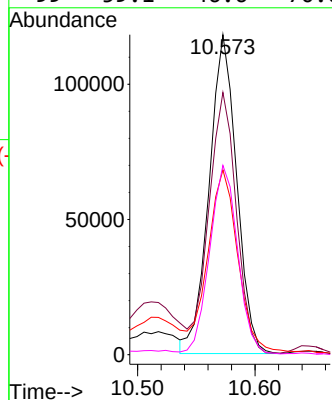
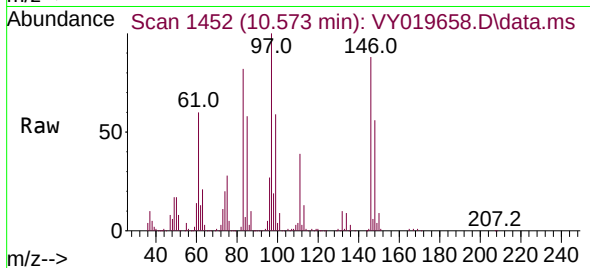
Ion Ratio Lower Upper

97 100

83 81.7 67.5 101.3

85 56.5 42.9 64.3

99 59.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 54.781 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

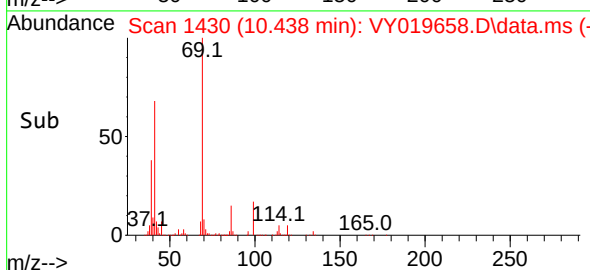
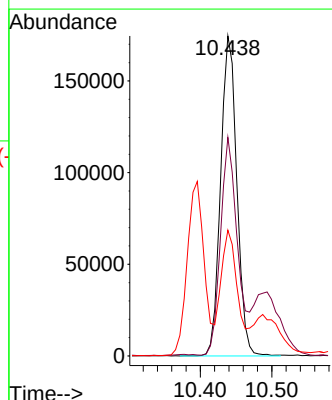
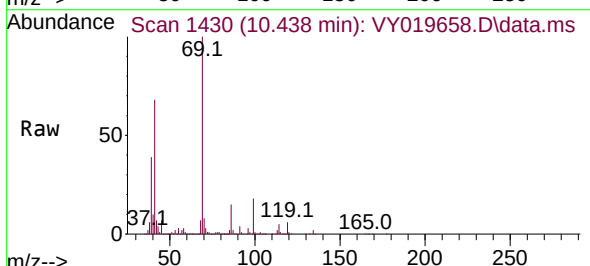
Tgt Ion: 69 Resp: 275052

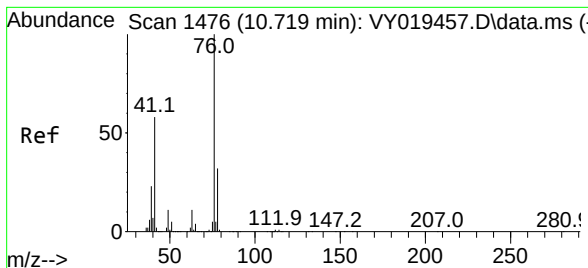
Ion Ratio Lower Upper

69 100

41 72.0 42.3 63.5#

39 40.0 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 54.982 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

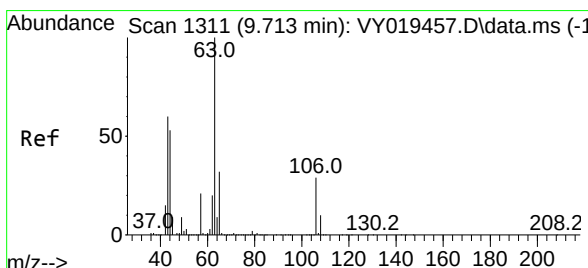
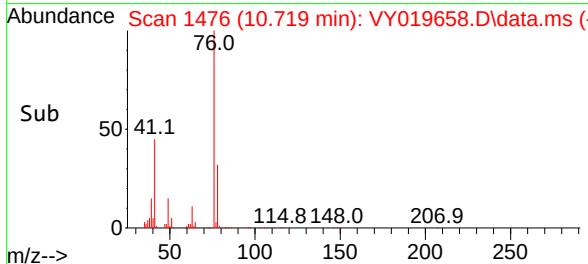
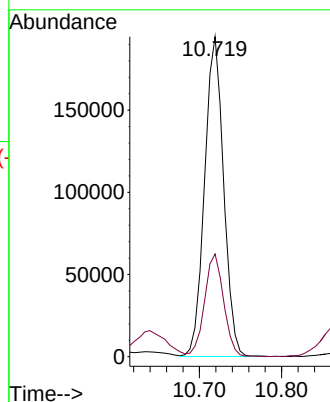
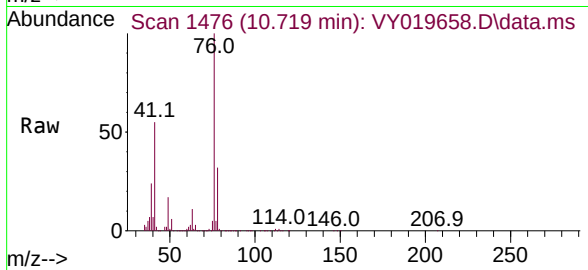
ClientSampleId :

Tgt Ion: 76 Resp: 312380

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 292.864 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019658.D

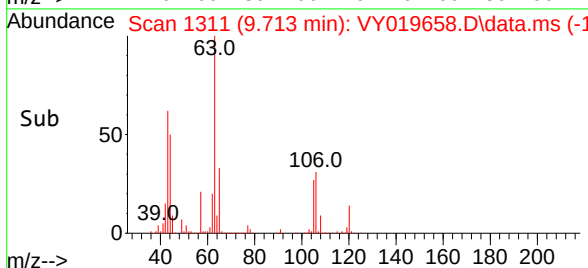
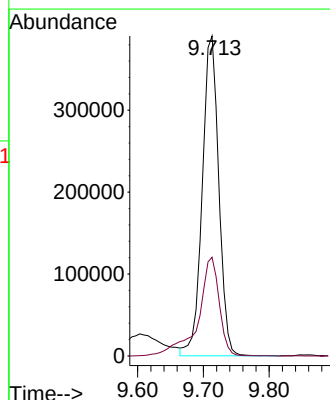
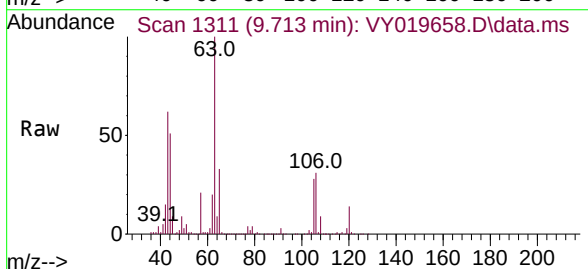
Acq: 23 Sep 2024 10:37

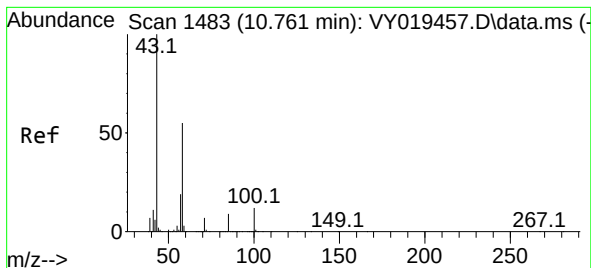
Tgt Ion: 63 Resp: 682476

Ion Ratio Lower Upper

63 100

106 39.5 23.7 35.5#

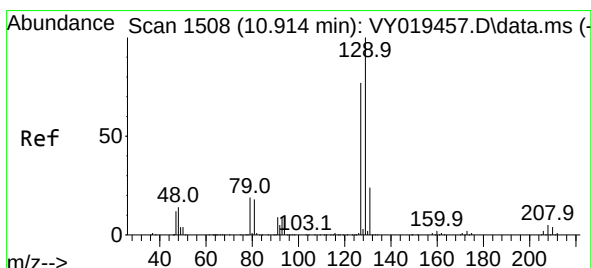
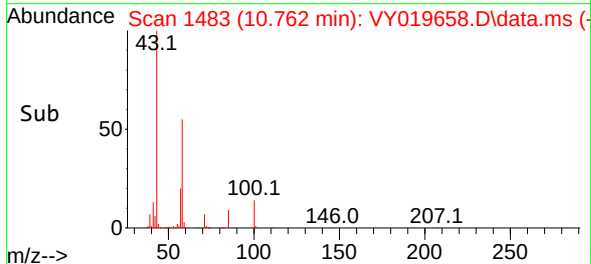
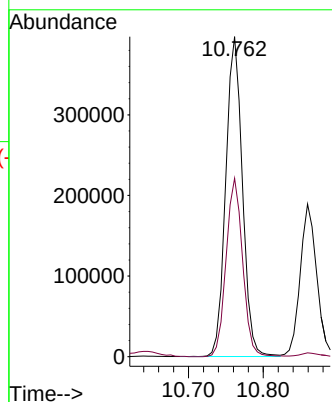
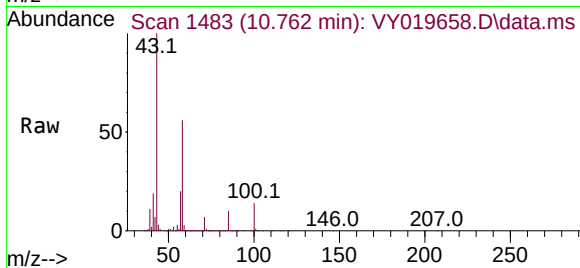




#59
2-Hexanone
Concen: 266.988 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

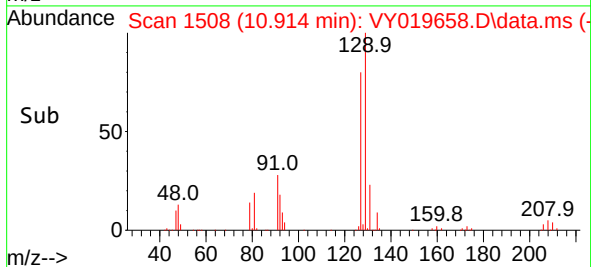
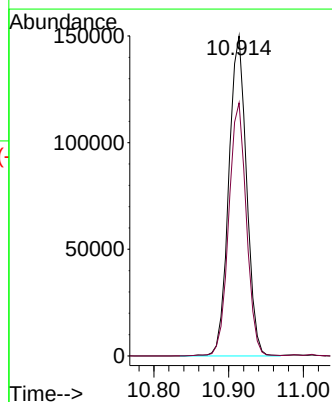
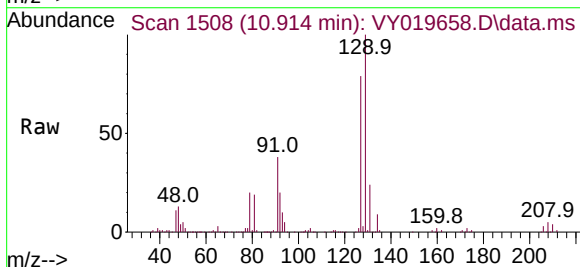
Instrument :
MSVOA_Y
ClientSampleId :

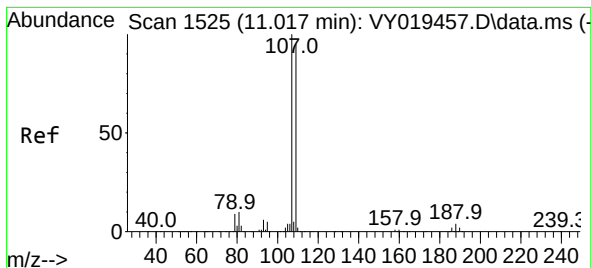
Tgt Ion: 43 Resp: 616145
Ion Ratio Lower Upper
43 100
58 55.4 31.4 94.0



#60
Dibromochloromethane
Concen: 56.662 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion:129 Resp: 247742
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

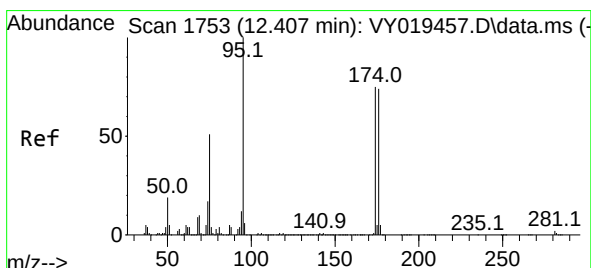
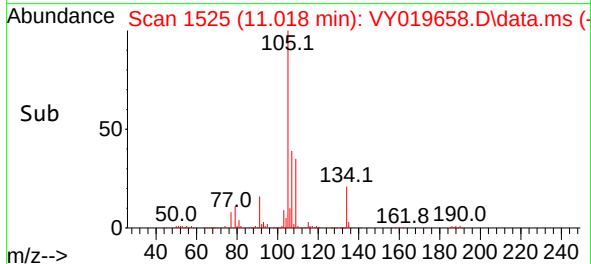
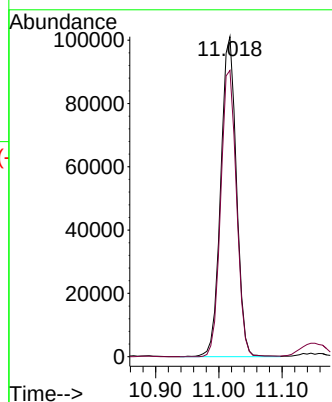
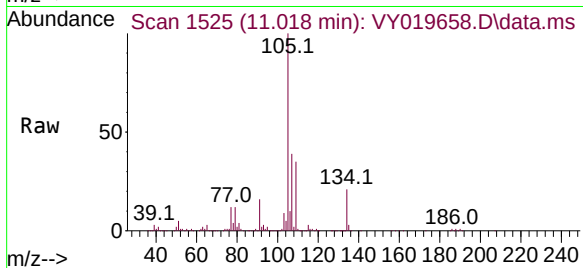




#61
1,2-Dibromoethane
Concen: 56.413 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

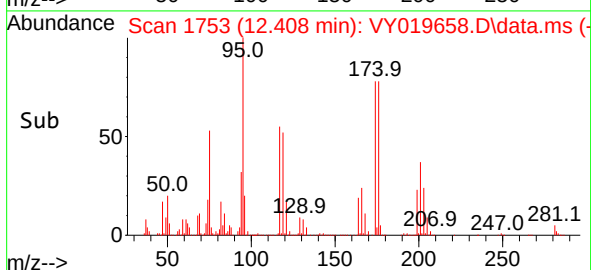
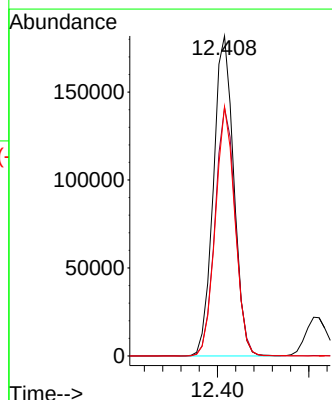
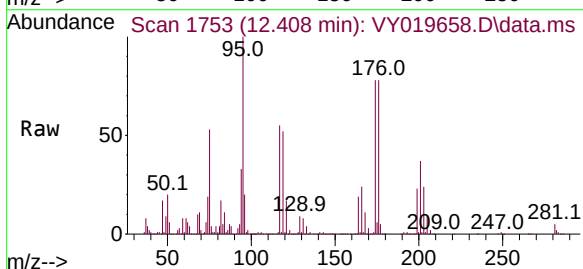
Instrument :
MSVOA_Y
ClientSampleId :

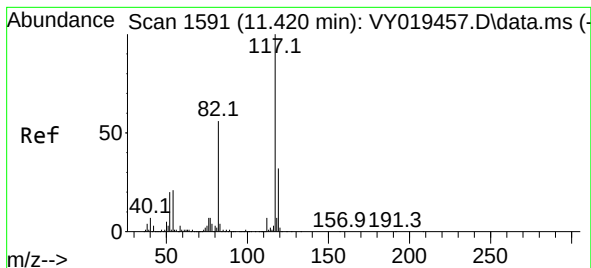
Tgt Ion:107 Resp: 173734
Ion Ratio Lower Upper
107 100
109 90.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.346 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion: 95 Resp: 281562
Ion Ratio Lower Upper
95 100
174 77.1 0.0 175.6
176 74.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

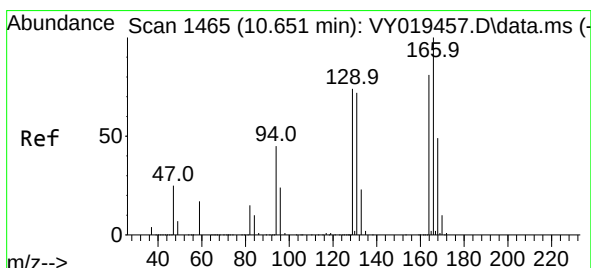
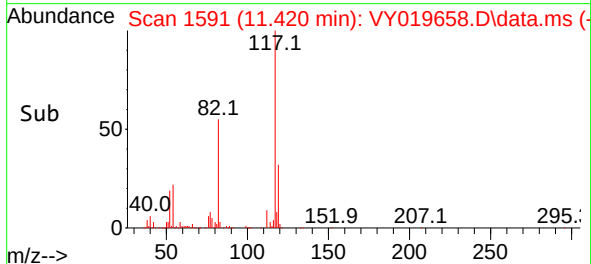
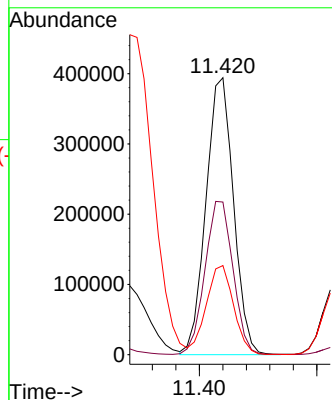
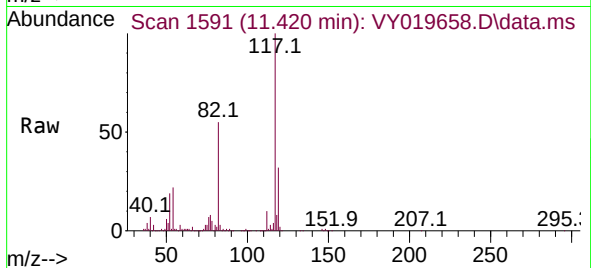
Tgt Ion:117 Resp: 643688

Ion Ratio Lower Upper

117 100

82 55.1 42.4 63.6

119 32.1 25.9 38.9



#64

Tetrachloroethene

Concen: 53.229 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Tgt Ion:164 Resp: 212173

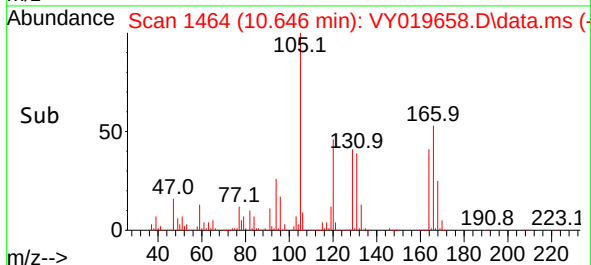
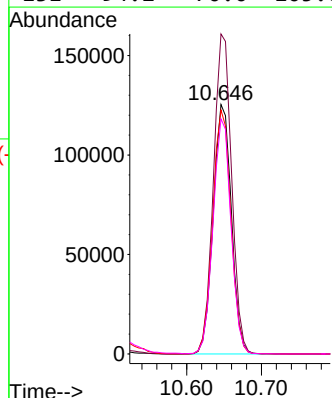
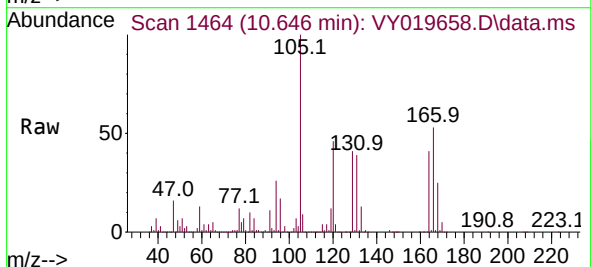
Ion Ratio Lower Upper

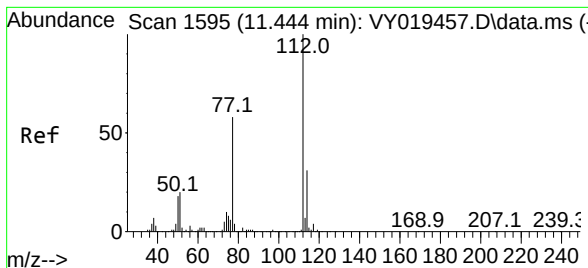
164 100

166 128.2 102.6 154.0

129 97.7 72.0 108.0

131 94.2 70.0 105.0





#65

Chlorobenzene

Concen: 54.583 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

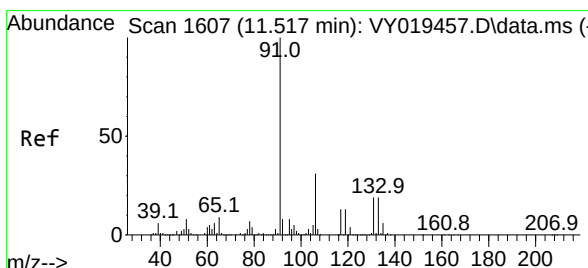
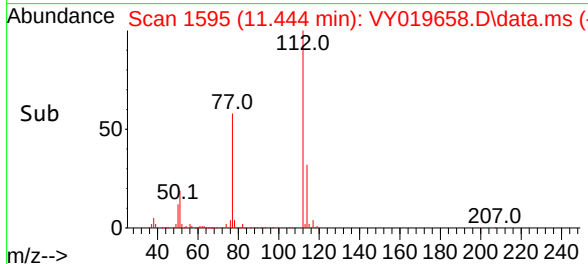
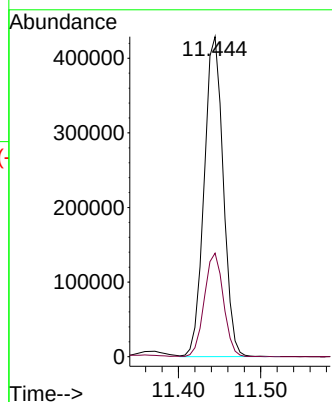
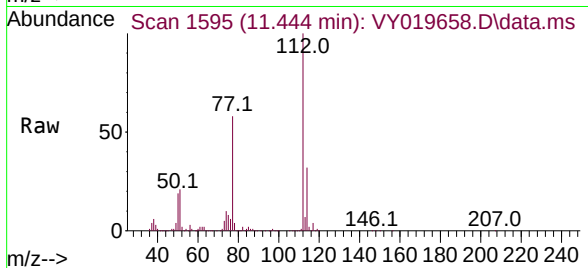
ClientSampleId :

Tgt Ion:112 Resp: 691121

Ion Ratio Lower Upper

112 100

114 32.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.044 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

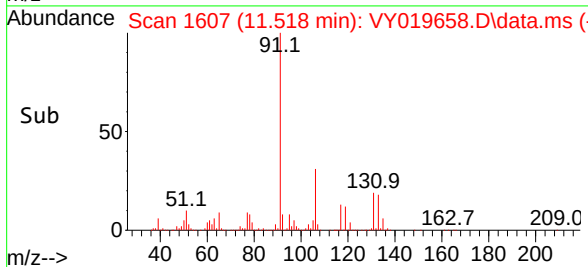
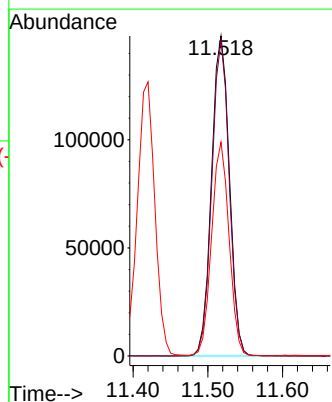
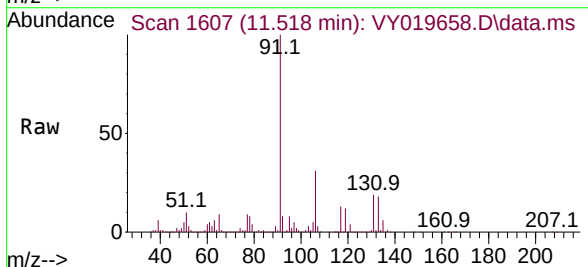
Tgt Ion:131 Resp: 245694

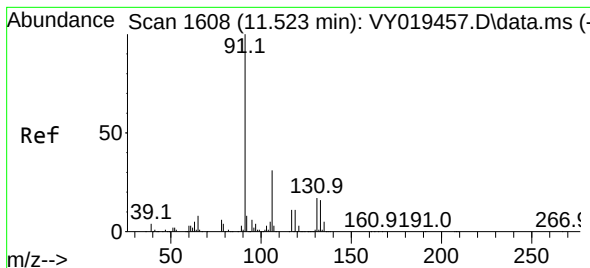
Ion Ratio Lower Upper

131 100

133 95.9 47.8 143.3

119 65.5 34.1 102.2





#67

Ethyl Benzene

Concen: 54.803 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

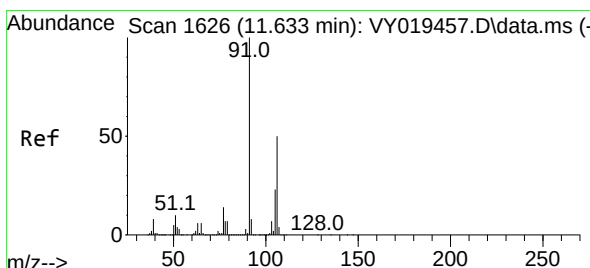
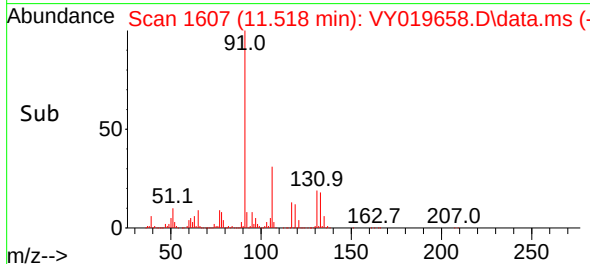
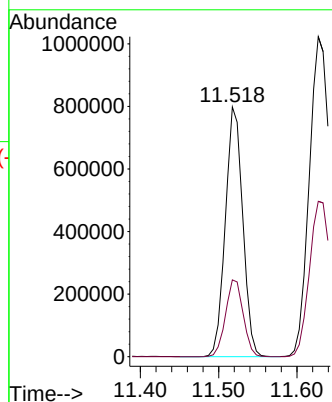
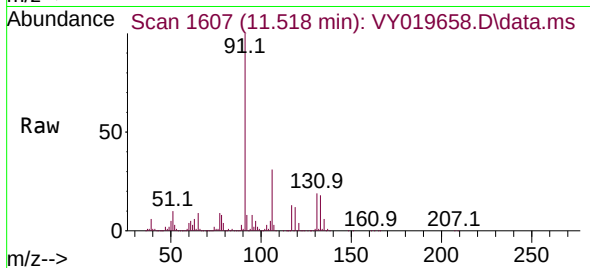
ClientSampleId :

Tgt Ion: 91 Resp: 1232935

Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



#68

m/p-Xylenes

Concen: 108.912 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019658.D

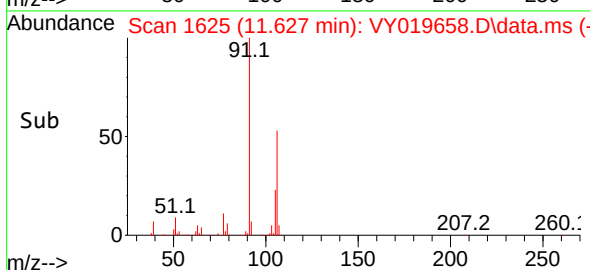
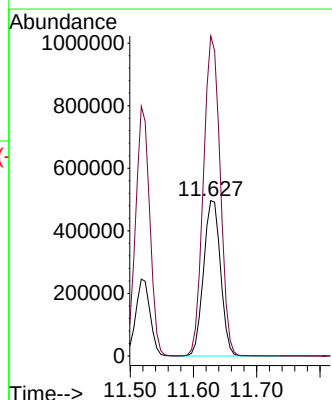
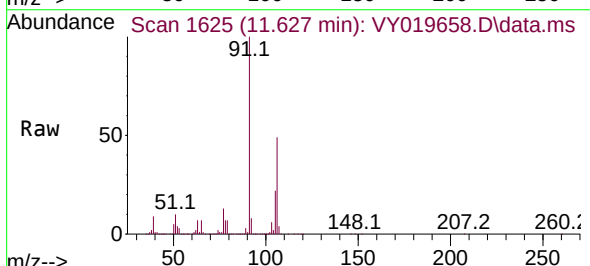
Acq: 23 Sep 2024 10:37

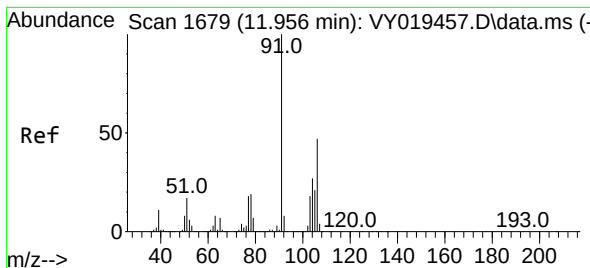
Tgt Ion:106 Resp: 926503

Ion Ratio Lower Upper

106 100

91 203.7 156.0 234.0

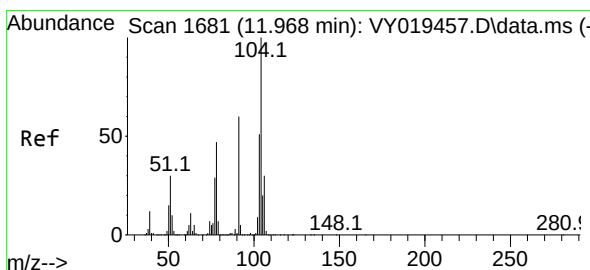
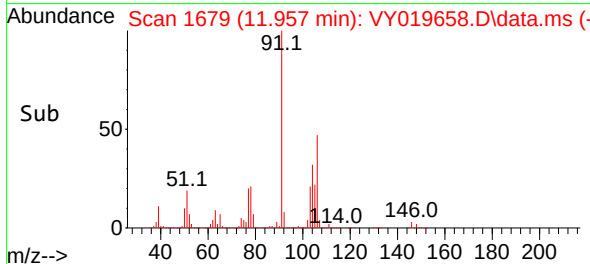
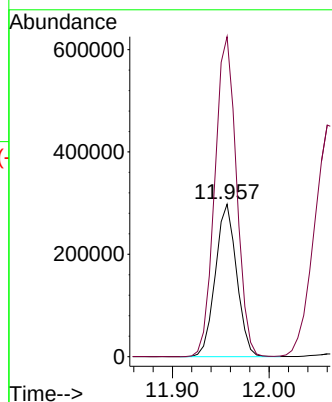
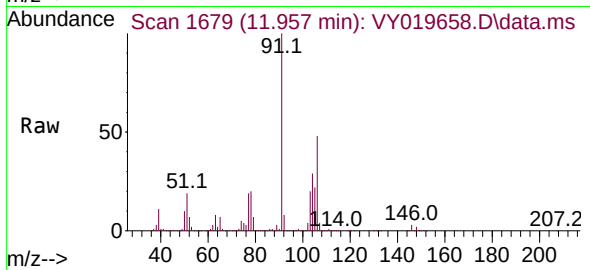




#69
o-Xylene
Concen: 54.583 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

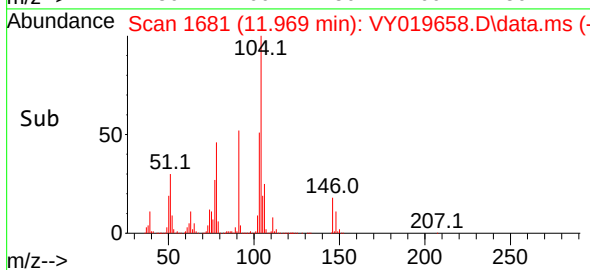
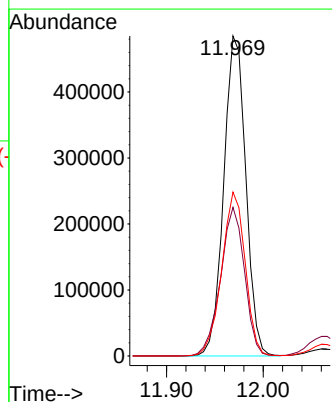
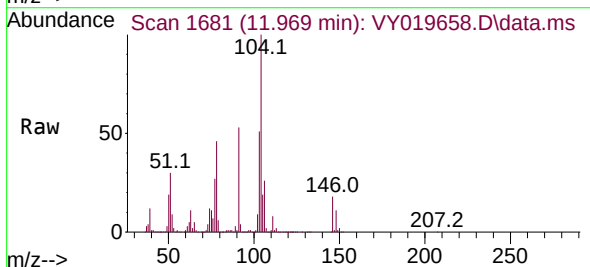
Instrument :
MSVOA_Y
ClientSampleId :

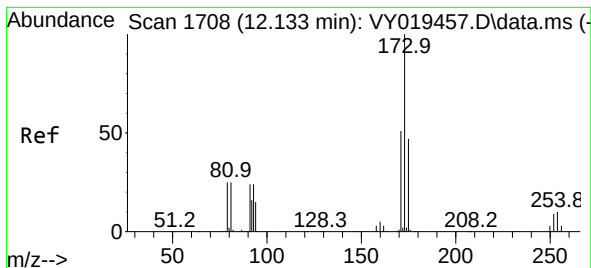
Tgt Ion:106 Resp: 454106
Ion Ratio Lower Upper
106 100
91 213.5 103.6 310.8



#70
Styrene
Concen: 54.720 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion:104 Resp: 768623
Ion Ratio Lower Upper
104 100
78 50.4 37.0 55.4
103 54.4 44.2 66.2





#71

Bromoform

Concen: 56.569 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

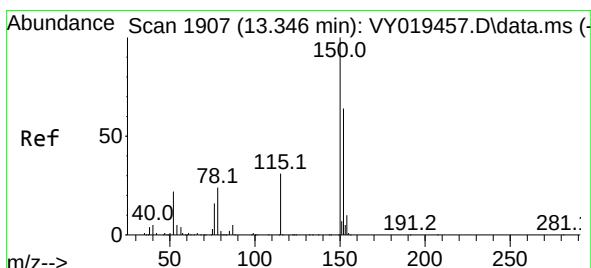
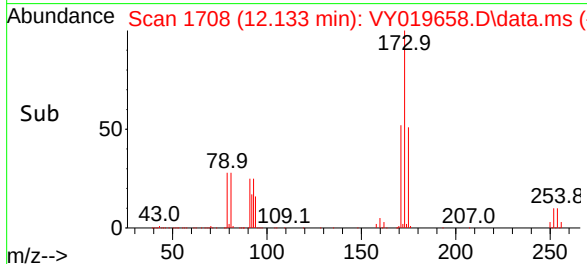
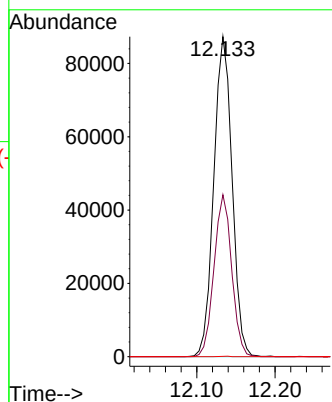
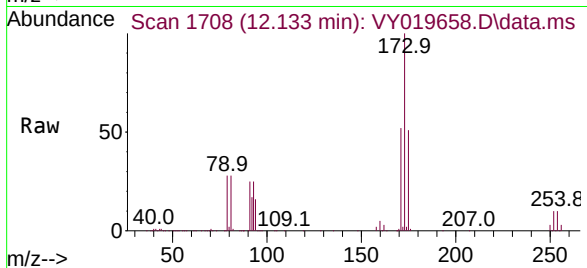
Tgt Ion:173 Resp: 141645

Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

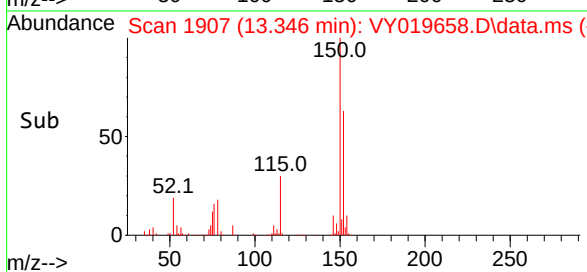
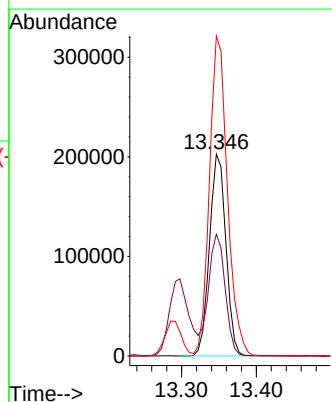
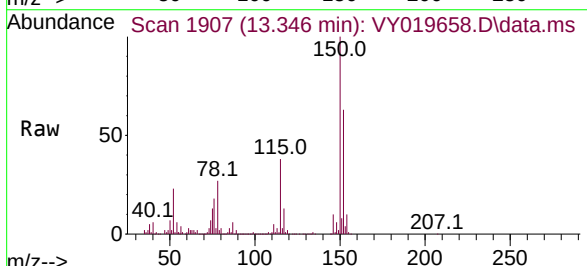
Tgt Ion:152 Resp: 309318

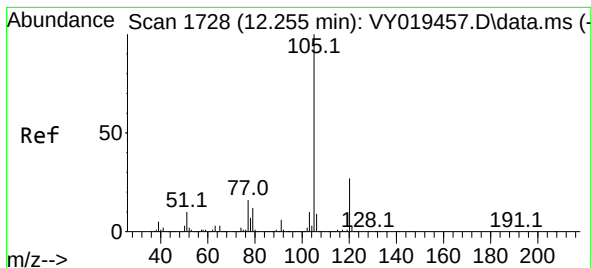
Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 172.8 0.0 345.6





#73

Isopropylbenzene

Concen: 53.915 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

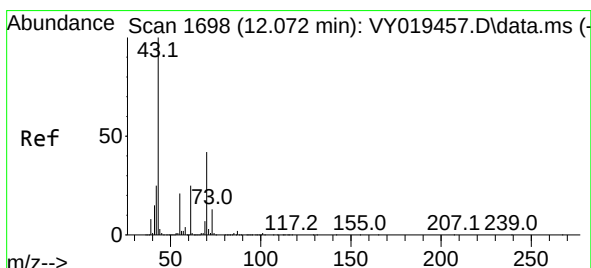
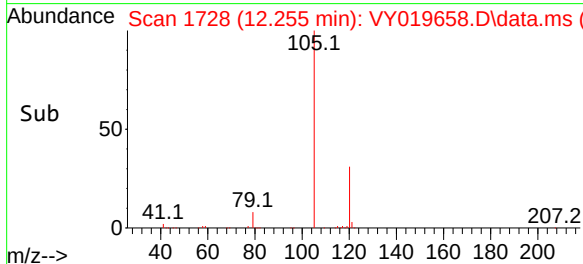
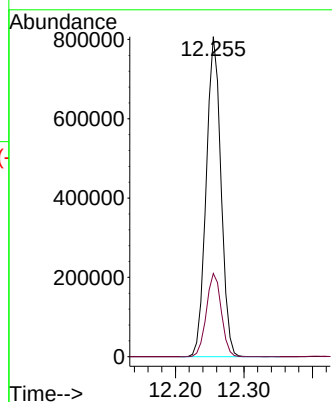
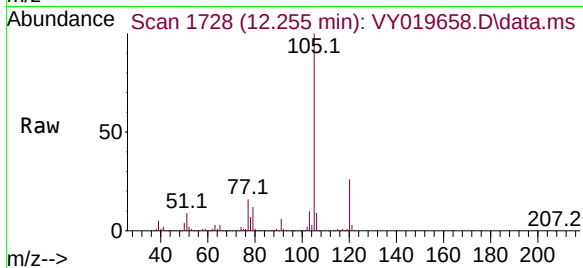
ClientSampleId :

Tgt Ion:105 Resp: 1209847

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 53.857 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Tgt Ion: 43 Resp: 328685

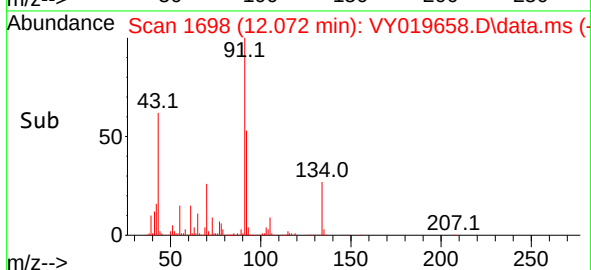
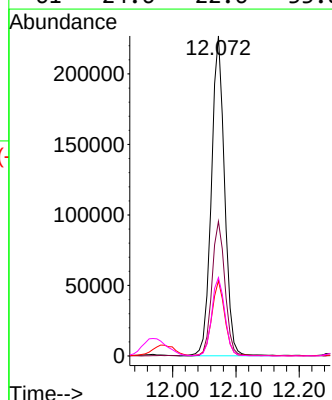
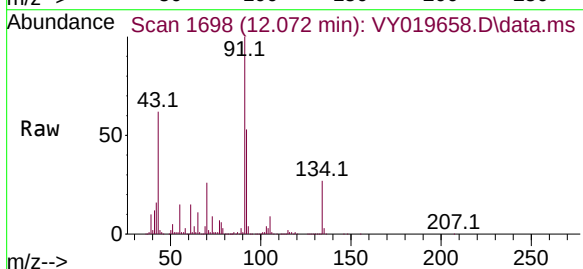
Ion Ratio Lower Upper

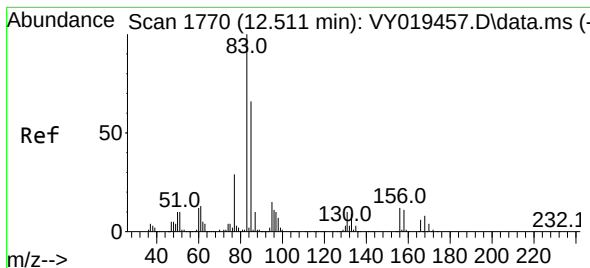
43 100

70 41.6 41.4 62.2

55 23.1 23.3 34.9#

61 24.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 55.084 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

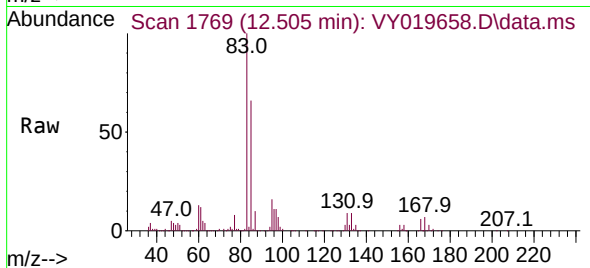
Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :



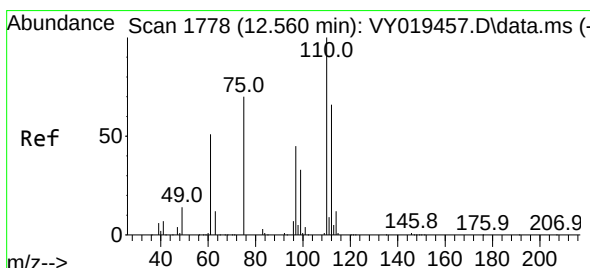
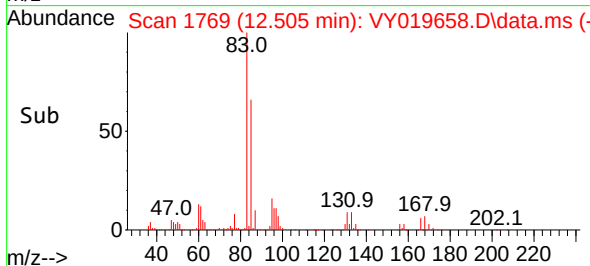
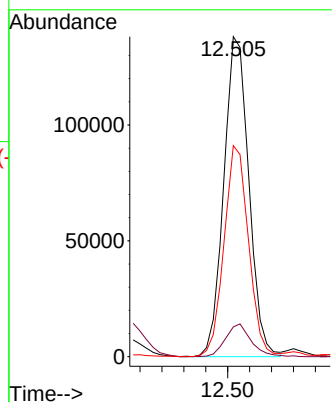
Tgt Ion: 83 Resp: 219402

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 108.390 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019658.D

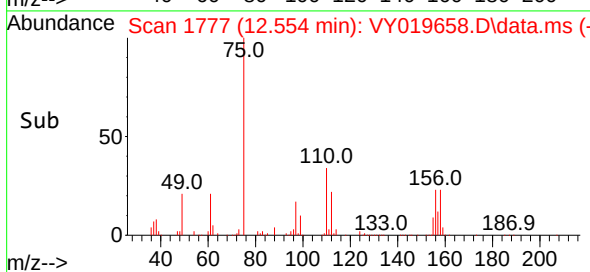
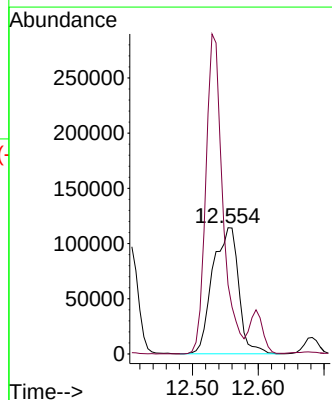
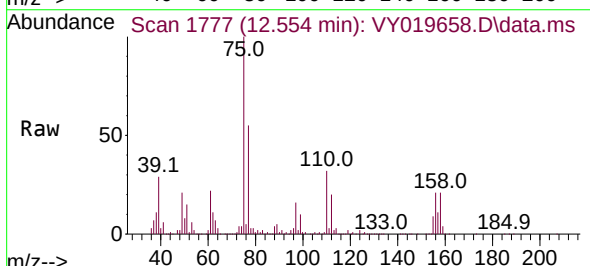
Acq: 23 Sep 2024 10:37

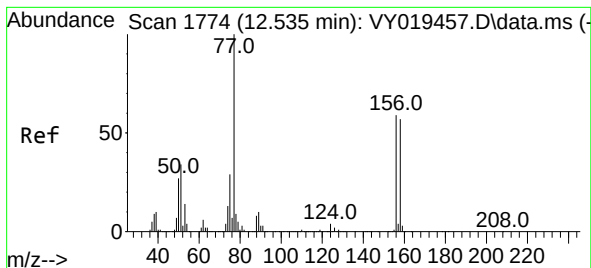
Tgt Ion: 75 Resp: 314245

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.110 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

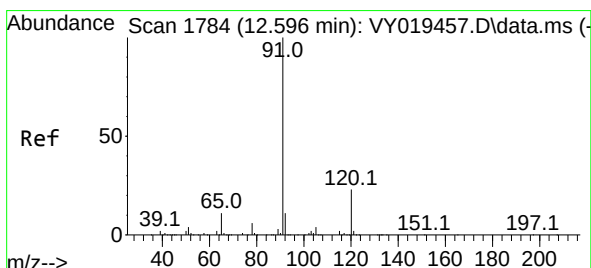
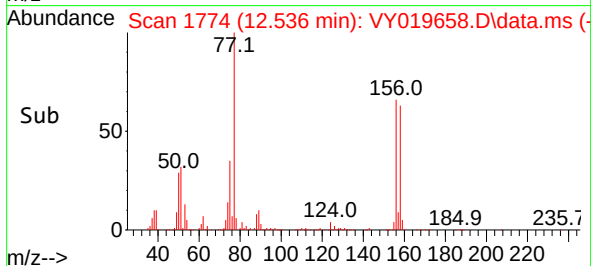
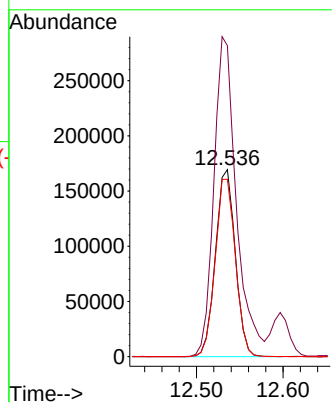
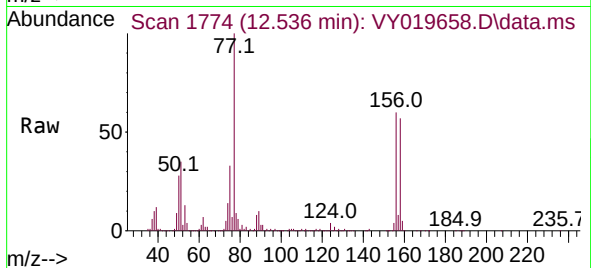
Tgt Ion:156 Resp: 269297

Ion Ratio Lower Upper

156 100

77 193.5 87.1 261.3

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 53.965 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019658.D

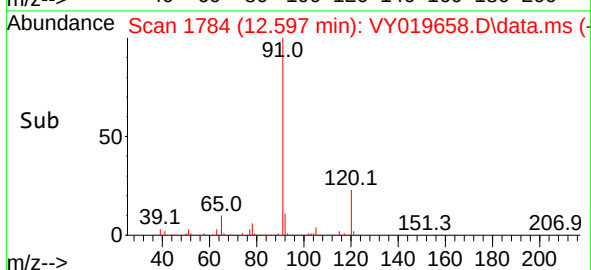
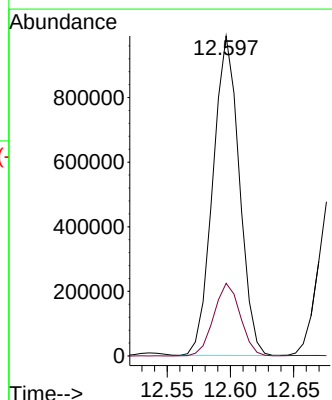
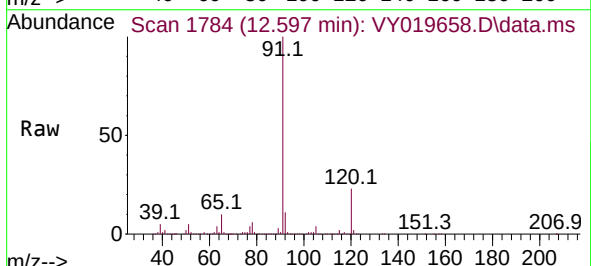
Acq: 23 Sep 2024 10:37

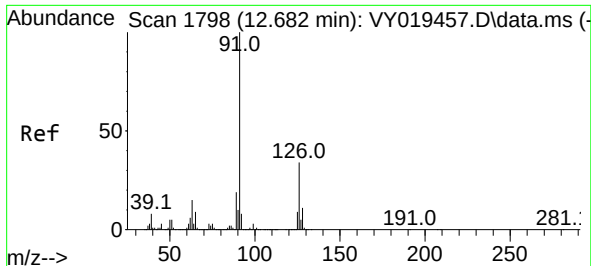
Tgt Ion: 91 Resp: 1435335

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

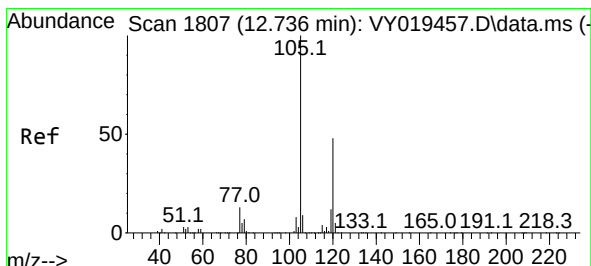
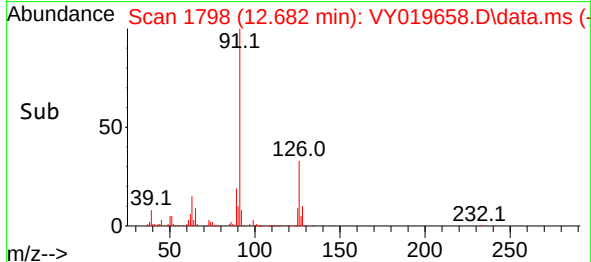
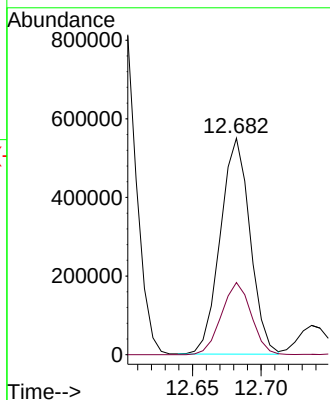
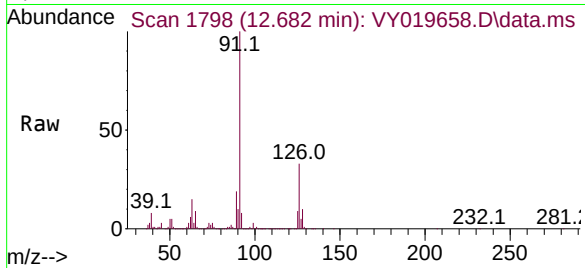




#79
2-Chlorotoluene
Concen: 53.591 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

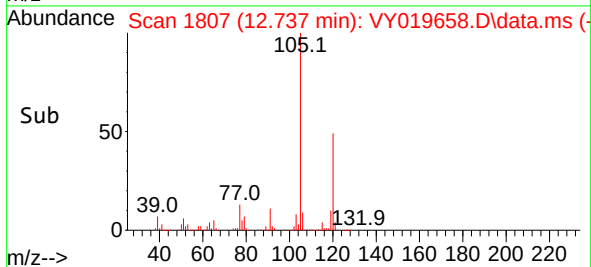
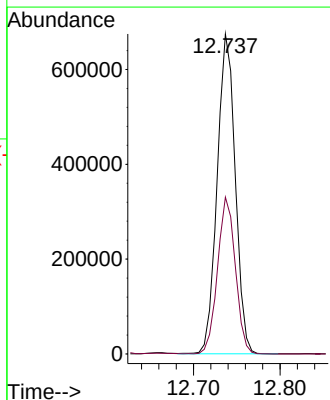
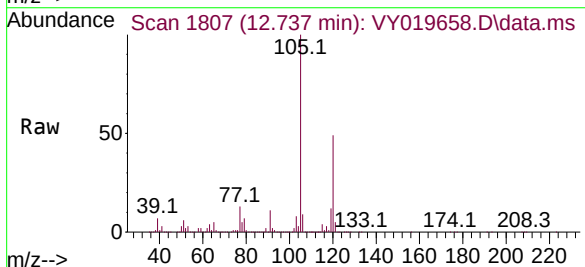
Instrument :
MSVOA_Y
ClientSampleId :

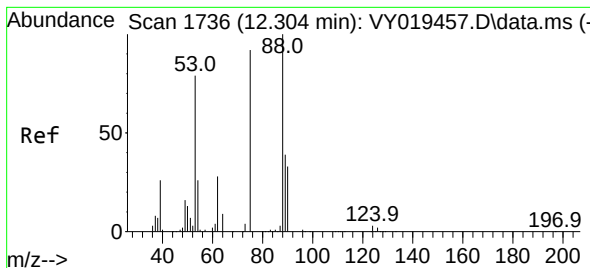
Tgt Ion: 91 Resp: 830676
Ion Ratio Lower Upper
91 100
126 33.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 53.646 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

Tgt Ion: 105 Resp: 978651
Ion Ratio Lower Upper
105 100
120 48.4 25.1 75.2

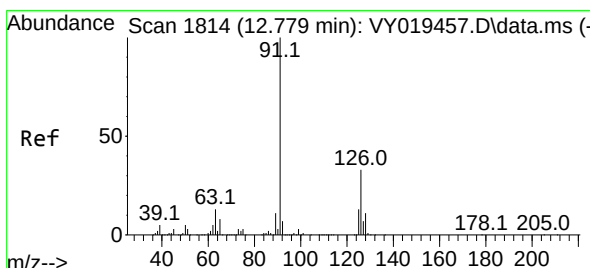
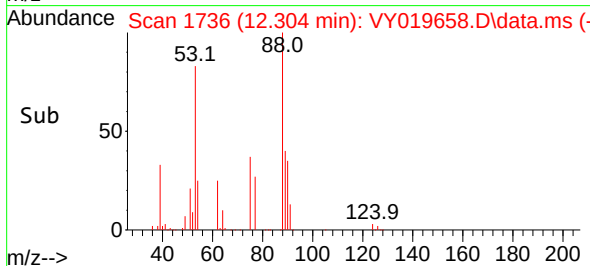
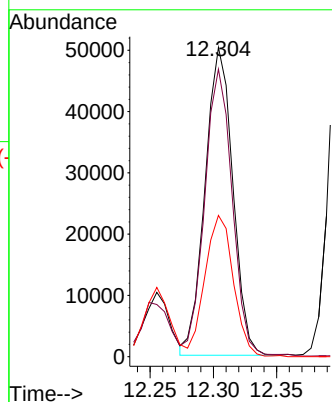
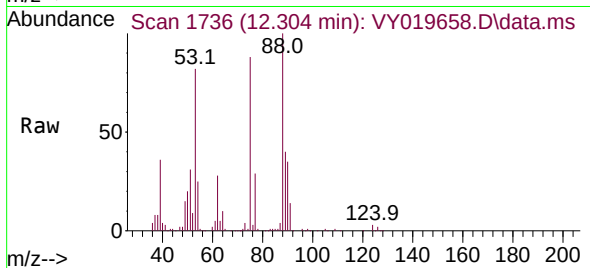




#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.818 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY019658.D
 Acq: 23 Sep 2024 10:37

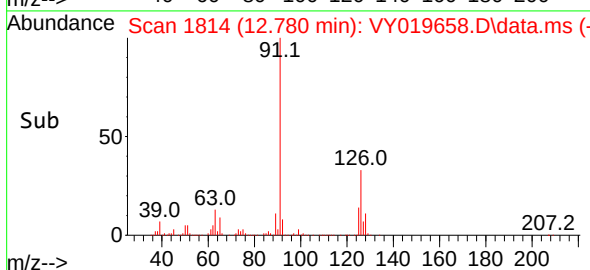
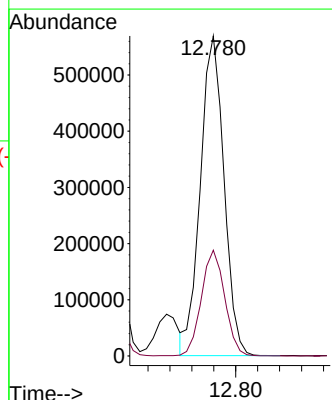
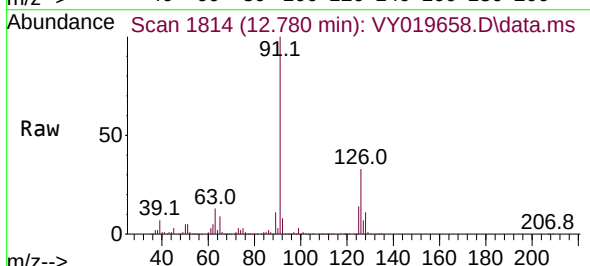
Instrument :
 MSVOA_Y
 ClientSampleId :

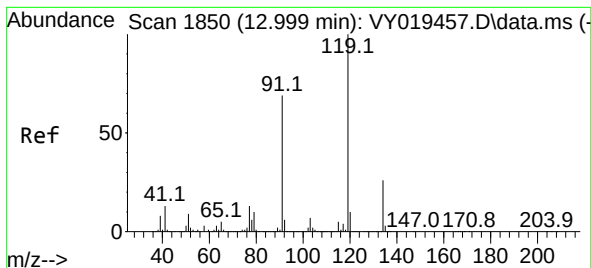
Tgt Ion: 75 Resp: 76747
 Ion Ratio Lower Upper
 75 100
 53 92.9 66.8 100.2
 89 46.8 35.8 53.6



#82
 4-Chlorotoluene
 Concen: 53.463 ug/l
 RT: 12.780 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY019658.D
 Acq: 23 Sep 2024 10:37

Tgt Ion: 91 Resp: 851965
 Ion Ratio Lower Upper
 91 100
 126 32.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 54.490 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

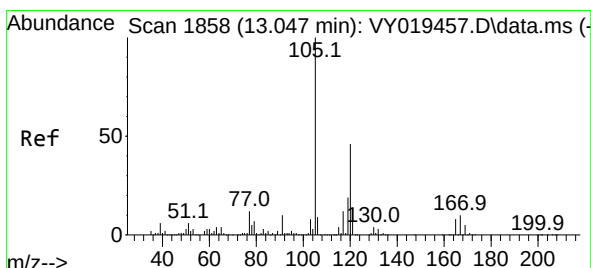
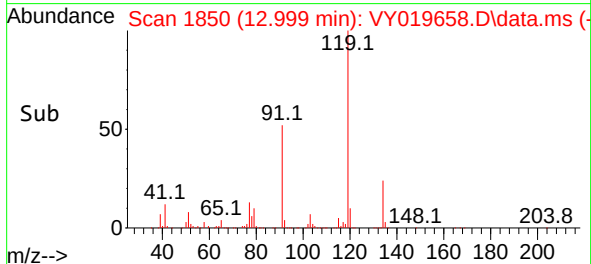
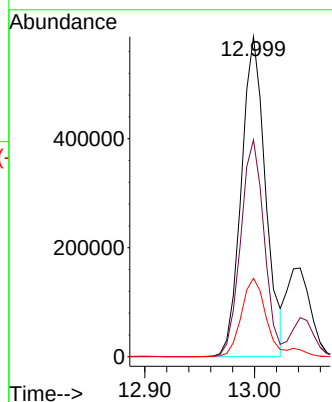
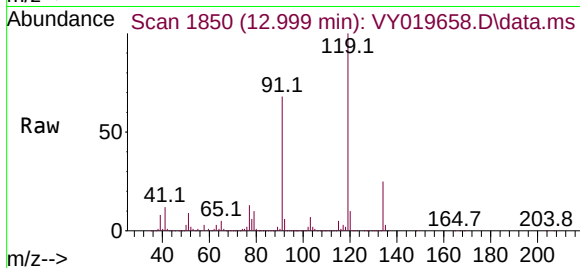
Tgt Ion:119 Resp: 899904

Ion Ratio Lower Upper

119 100

91 65.9 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.142 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019658.D

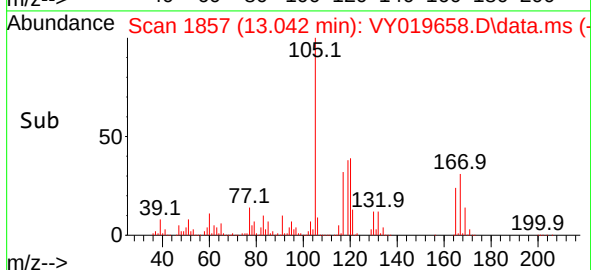
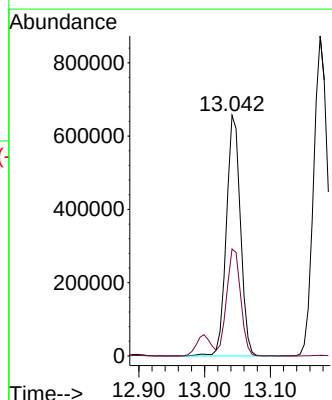
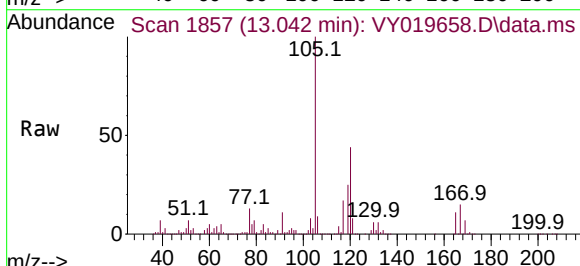
Acq: 23 Sep 2024 10:37

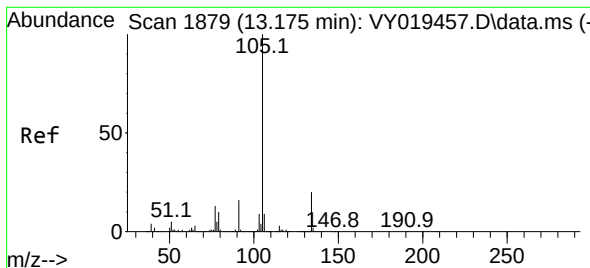
Tgt Ion:105 Resp: 977702

Ion Ratio Lower Upper

105 100

120 44.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 54.010 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

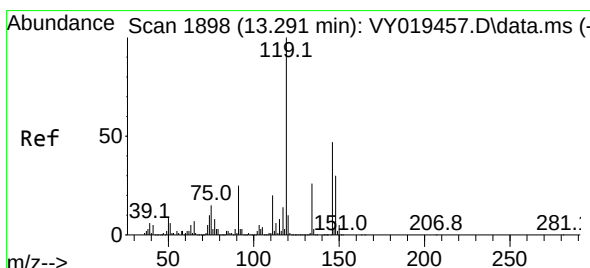
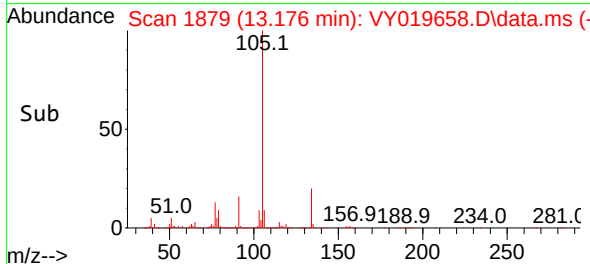
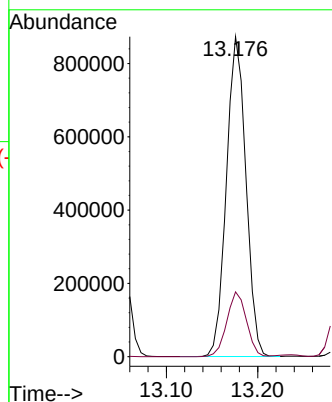
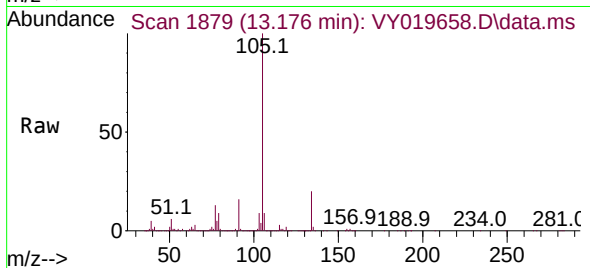
ClientSampleId :

Tgt Ion:105 Resp: 1295808

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 93.320 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

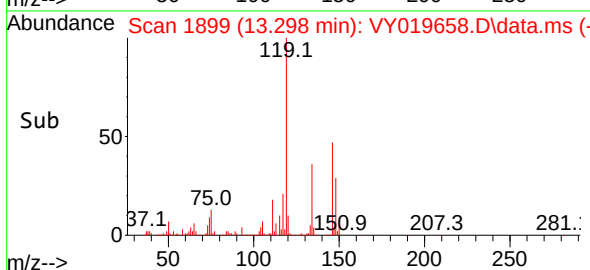
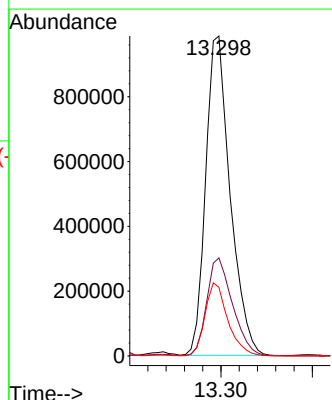
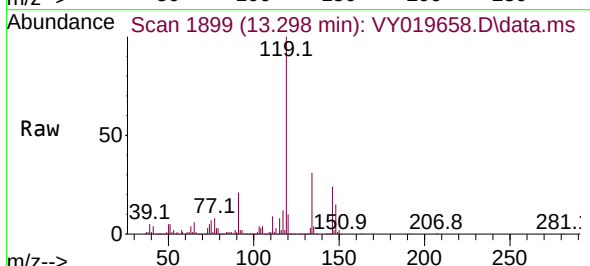
Tgt Ion:119 Resp: 1831814

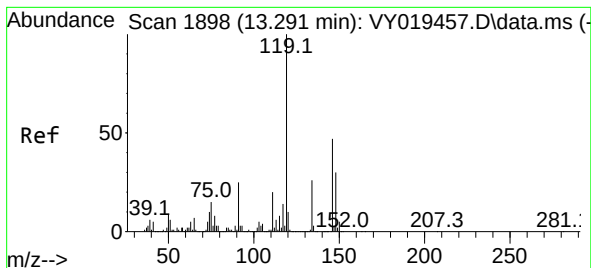
Ion Ratio Lower Upper

119 100

134 32.3 13.1 39.3

91 21.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 54.942 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

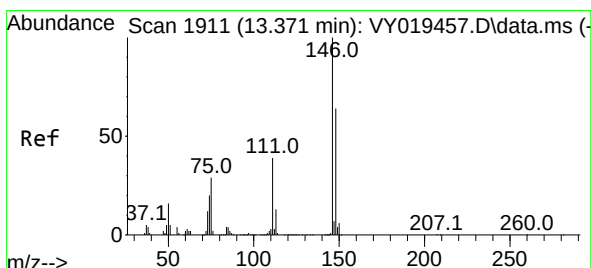
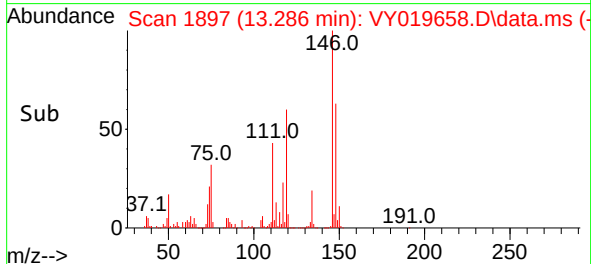
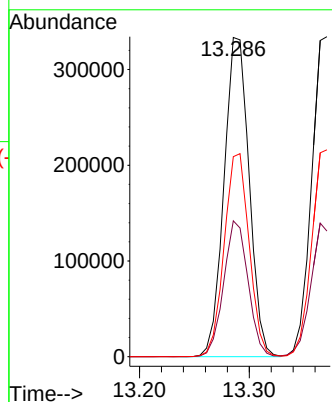
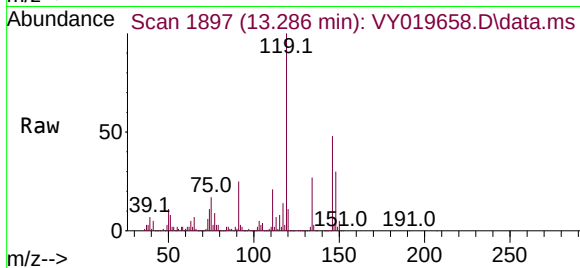
Tgt Ion:146 Resp: 531334

Ion Ratio Lower Upper

146 100

111 41.3 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 54.151 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

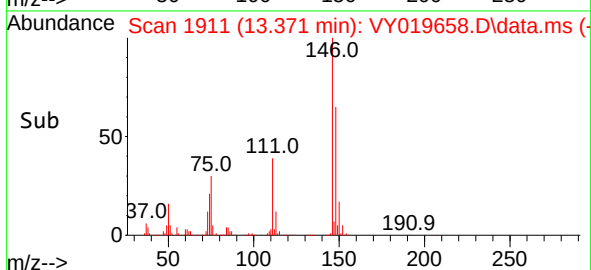
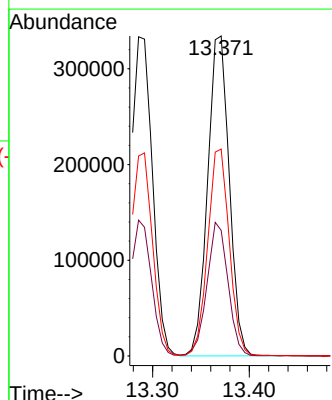
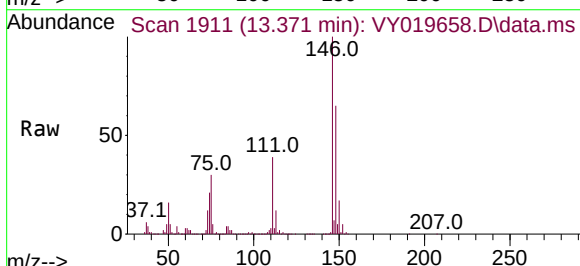
Tgt Ion:146 Resp: 519716

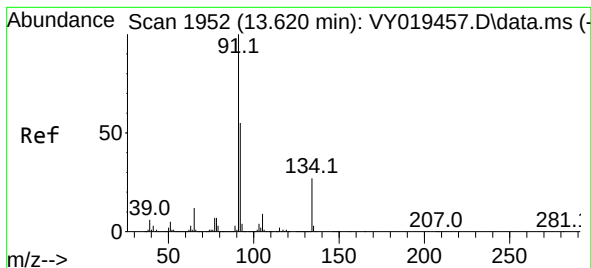
Ion Ratio Lower Upper

146 100

111 40.5 18.4 55.4

148 64.7 32.4 97.2





#89

n-Butylbenzene

Concen: 54.016 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

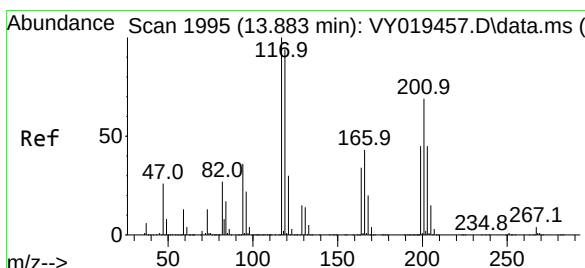
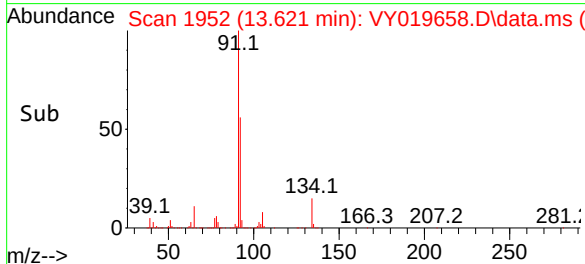
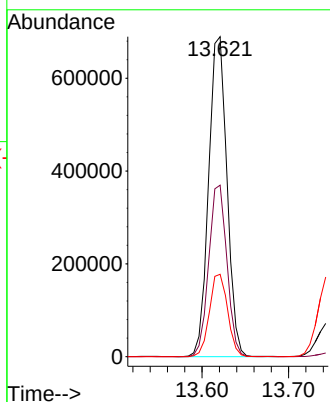
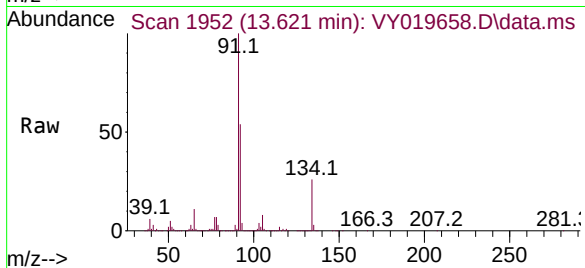
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 1013629

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.7
134	25.6	12.9	38.7



#90

Hexachloroethane

Concen: 54.229 ug/l

RT: 13.883 min Scan# 1995

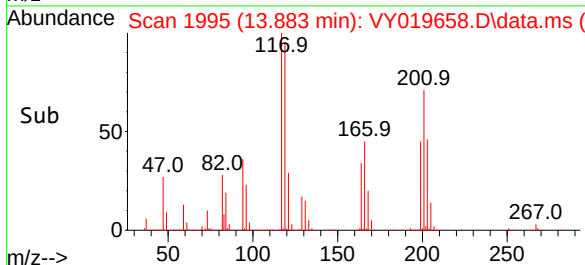
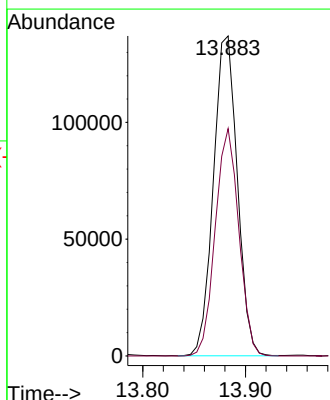
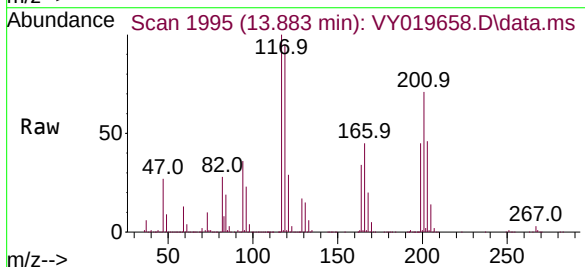
Delta R.T. 0.000 min

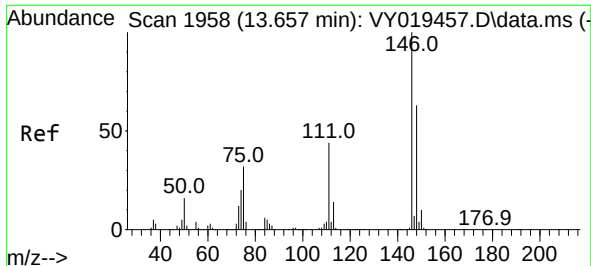
Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Tgt Ion: 117 Resp: 221489

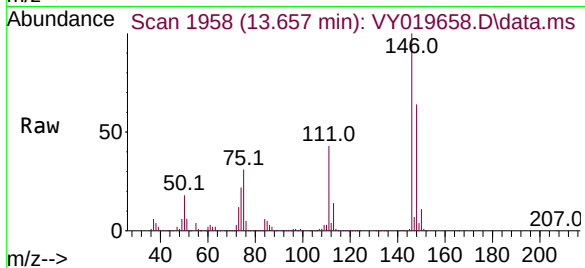
Ion	Ratio	Lower	Upper
117	100		
201	69.9	37.4	112.2



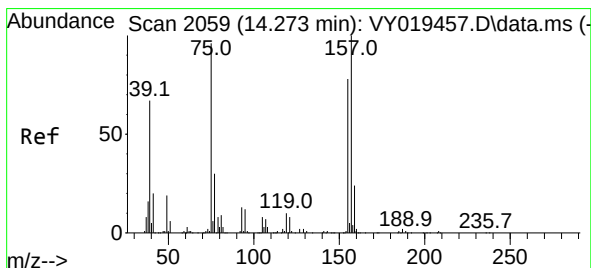
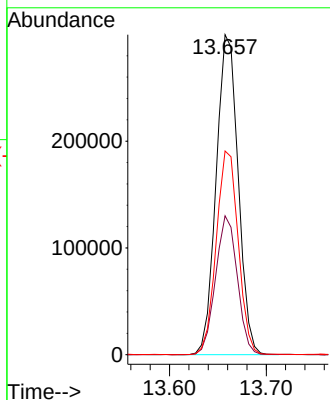
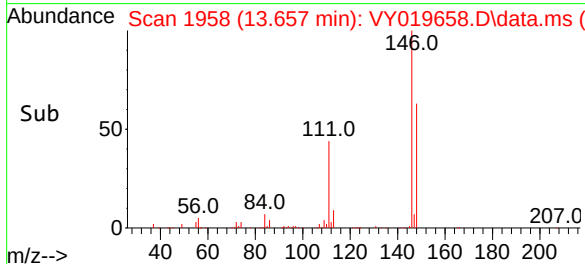


#91
1,2-Dichlorobenzene
Concen: 54.804 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37

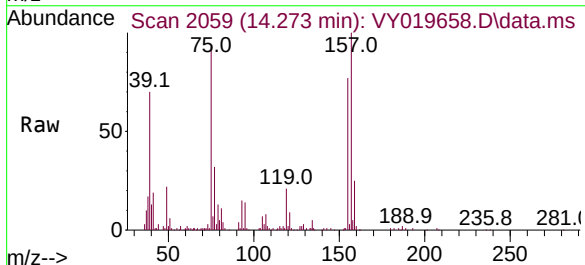
Instrument :
MSVOA_Y
ClientSampleId :



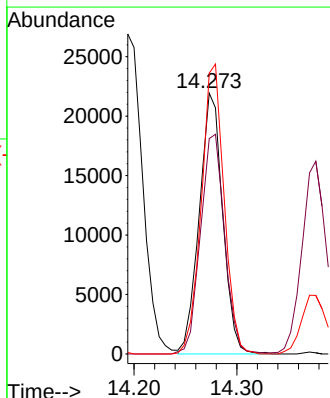
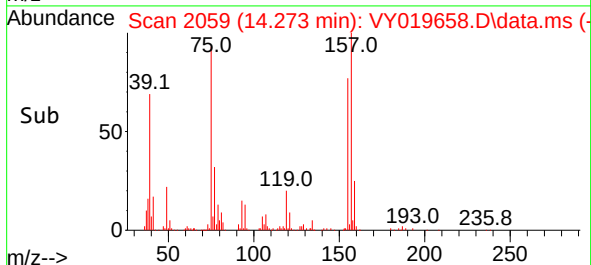
Tgt Ion:146 Resp: 472952
Ion Ratio Lower Upper
146 100
111 42.8 19.9 59.7
148 63.7 31.8 95.4

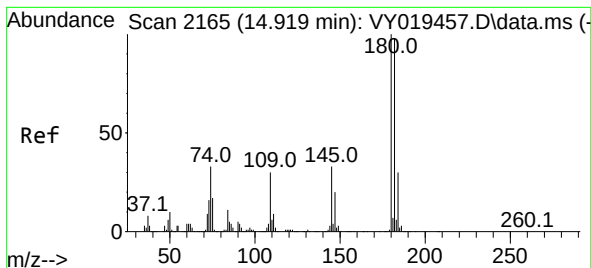


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.248 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019658.D
Acq: 23 Sep 2024 10:37



Tgt Ion: 75 Resp: 34683
Ion Ratio Lower Upper
75 100
155 86.7 48.6 145.8
157 107.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.415 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

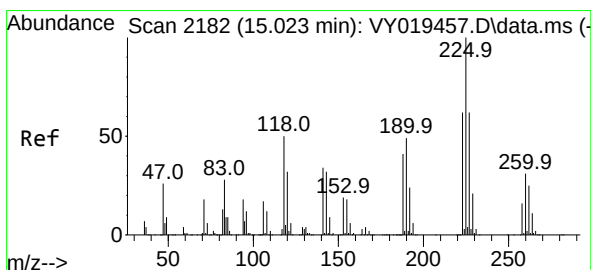
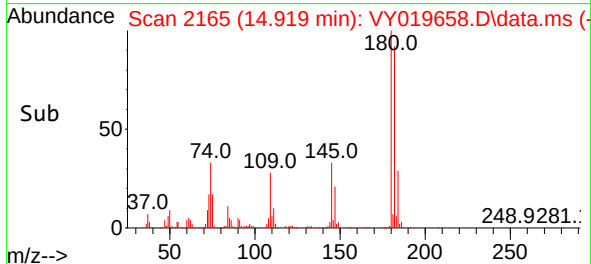
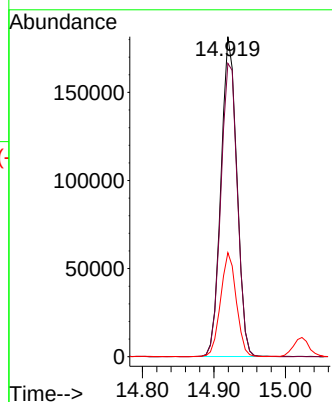
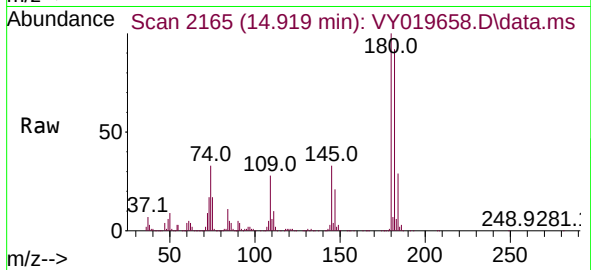
Tgt Ion:180 Resp: 280358

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 32.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.940 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

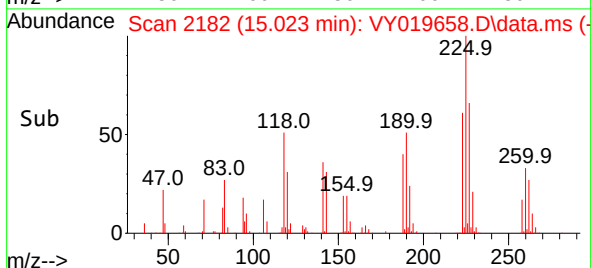
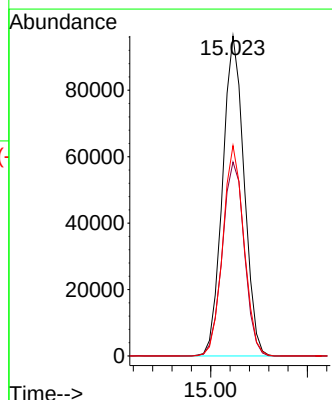
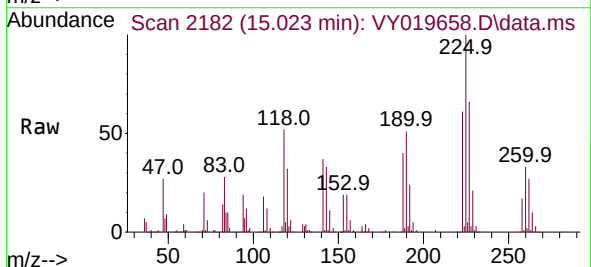
Tgt Ion:225 Resp: 148442

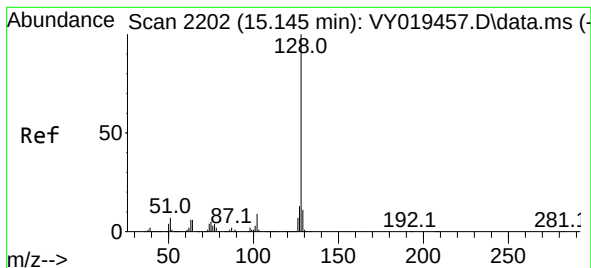
Ion Ratio Lower Upper

225 100

223 62.0 30.4 91.2

227 64.4 31.9 95.9





#95

Naphthalene

Concen: 52.381 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

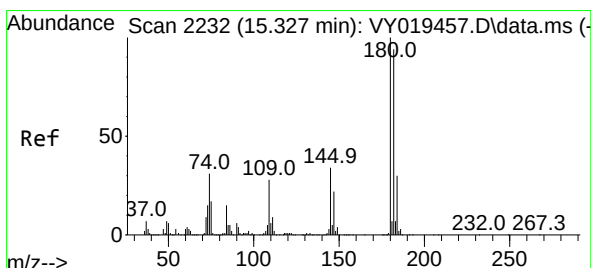
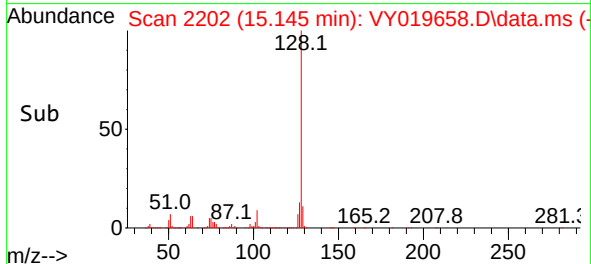
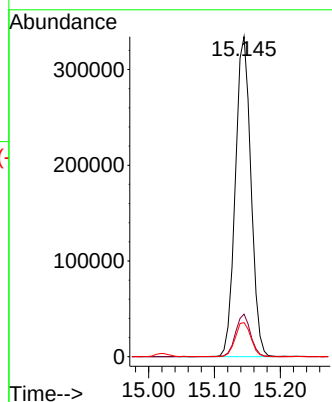
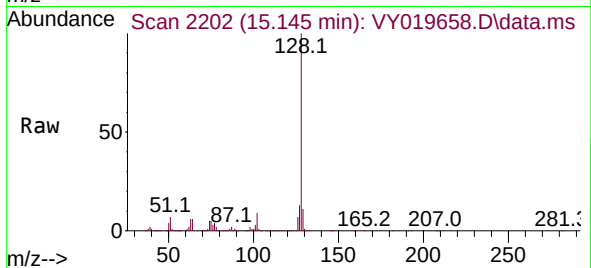
Tgt Ion:128 Resp: 550579

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.075 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019658.D

Acq: 23 Sep 2024 10:37

Tgt Ion:180 Resp: 238283

Ion Ratio Lower Upper

180 100

182 93.8 47.6 142.9

145 33.9 15.4 46.1

