

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019836.D
 Acq On : 09 Oct 2024 16:41
 Operator : SY/MD
 Sample : VY1009SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 05:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	390768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	691810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	587903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	277414	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	230606	47.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.860%
35) Dibromofluoromethane	7.634	113	216538	47.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.860%
50) Toluene-d8	10.103	98	797334	47.295	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.600%
62) 4-Bromofluorobenzene	12.402	95	281888	46.276	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	64947	17.854	ug/l	91
3) Chloromethane	2.068	50	89776	18.962	ug/l	100
4) Vinyl Chloride	2.202	62	93008	17.851	ug/l	100
5) Bromomethane	2.592	94	64484	19.554	ug/l	97
6) Chloroethane	2.739	64	63335	18.095	ug/l	98
7) Trichlorofluoromethane	3.062	101	138955	17.924	ug/l	99
8) Diethyl Ether	3.452	74	44353	18.824	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	81722	18.123	ug/l	99
10) Methyl Iodide	4.007	142	77144	16.915	ug/l	99
11) Tert butyl alcohol	4.866	59	47345	111.750	ug/l #	90
12) 1,1-Dichloroethene	3.793	96	75215	17.942	ug/l	98
13) Acrolein	3.659	56	40478	114.491	ug/l	99
14) Allyl chloride	4.385	41	138205	18.272	ug/l	99
15) Acrylonitrile	5.061	53	103900	96.410	ug/l	99
16) Acetone	3.873	43	101442	80.991	ug/l	96
17) Carbon Disulfide	4.104	76	195239	17.375	ug/l	98
18) Methyl Acetate	4.385	43	50508	18.720	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	231381	19.212	ug/l	95
20) Methylene Chloride	4.616	84	93195	18.437	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	83857	18.379	ug/l	94
22) Diisopropyl ether	6.019	45	315030	19.121	ug/l	97
23) Vinyl Acetate	5.958	43	878822	93.045	ug/l	100
24) 1,1-Dichloroethane	5.909	63	171066	18.678	ug/l	99
25) 2-Butanone	6.897	43	151229	90.204	ug/l	100
26) 2,2-Dichloropropane	6.884	77	147993	18.145	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	104984	18.619	ug/l	99
28) Bromochloromethane	7.244	49	80800	20.044	ug/l	99
29) Tetrahydrofuran	7.262	42	90899	94.958	ug/l	99
30) Chloroform	7.421	83	179737	19.252	ug/l	95
31) Cyclohexane	7.701	56	142244	17.693	ug/l #	95
32) 1,1,1-Trichloroethane	7.616	97	150655	18.414	ug/l	99
36) 1,1-Dichloropropene	7.835	75	117304	17.836	ug/l	99
37) Ethyl Acetate	6.982	43	62516	18.229	ug/l	97
38) Carbon Tetrachloride	7.817	117	124860	17.709	ug/l	96
39) Methylcyclohexane	9.110	83	146183	17.640	ug/l	98
40) Benzene	8.079	78	366939	18.435	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	32055	17.270	ug/l #	89
42) 1,2-Dichloroethane	8.159	62	108769	19.021	ug/l	99
43) Isopropyl Acetate	8.201	43	128574	18.383	ug/l #	89
44) Trichloroethene	8.866	130	87592	18.169	ug/l	97
45) 1,2-Dichloropropane	9.140	63	91613	18.389	ug/l	98
46) Dibromomethane	9.231	93	49743	18.275	ug/l	99
47) Bromodichloromethane	9.420	83	131990	18.269	ug/l	97
48) Methyl methacrylate	9.219	41	57160	18.579	ug/l	97
49) 1,4-Dioxane	9.231	88	10576	347.153	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	329281	92.302	ug/l	100
52) Toluene	10.170	92	229927	18.506	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	113315	17.431	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	139451	18.180	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	67528	18.830	ug/l	95
56) Ethyl methacrylate	10.439	69	95659	18.590	ug/l	99
57) 1,3-Dichloropropane	10.713	76	118256	18.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	233815	97.604	ug/l	98
59) 2-Hexanone	10.756	43	224925	88.276	ug/l	99
60) Dibromochloromethane	10.908	129	83774	18.200	ug/l	99
61) 1,2-Dibromoethane	11.012	107	60530	18.678	ug/l	100
64) Tetrachloroethene	10.646	164	77172	18.455	ug/l	96
65) Chlorobenzene	11.438	112	248748	18.499	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.512	131	85812	18.862	ug/l	97
67) Ethyl Benzene	11.518	91	451939	18.502	ug/l	99
68) m/p-Xylenes	11.627	106	330543	36.640	ug/l	100
69) o-Xylene	11.951	106	159442	18.395	ug/l	100
70) Styrene	11.969	104	270557	18.501	ug/l	99
71) Bromoform	12.127	173	44515	18.278	ug/l #	99
73) Isopropylbenzene	12.249	105	427375	18.315	ug/l	100
74) N-amyl acetate	12.066	43	110994	17.960	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	78059	18.827	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	100488	34.787	ug/l #	100
77) Bromobenzene	12.530	156	91256	18.429	ug/l	98
78) n-propylbenzene	12.591	91	521277	18.488	ug/l	100
79) 2-Chlorotoluene	12.676	91	298686	18.478	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	343864	18.248	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	23913	17.761	ug/l	99
82) 4-Chlorotoluene	12.774	91	303579	18.368	ug/l	100
83) tert-Butylbenzene	12.993	119	307778	18.231	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	348291	18.642	ug/l	99
85) sec-Butylbenzene	13.176	105	461921	18.314	ug/l	99
86) p-Isopropyltoluene	13.286	119	377442	18.429	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	180275	18.028	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	179153	18.237	ug/l	98
89) n-Butylbenzene	13.615	91	366419	18.322	ug/l	99
90) Hexachloroethane	13.877	117	71824	18.009	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	159400	18.142	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11557	17.465	ug/l	95
93) 1,2,4-Trichlorobenzene	14.913	180	84382	17.127	ug/l	98
94) Hexachlorobutadiene	15.017	225	47486	17.337	ug/l	98
95) Naphthalene	15.145	128	160413	17.263	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	73009	17.530	ug/l	99

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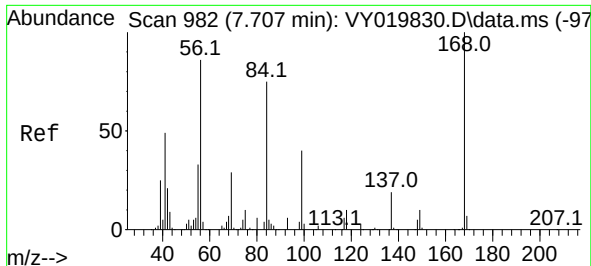
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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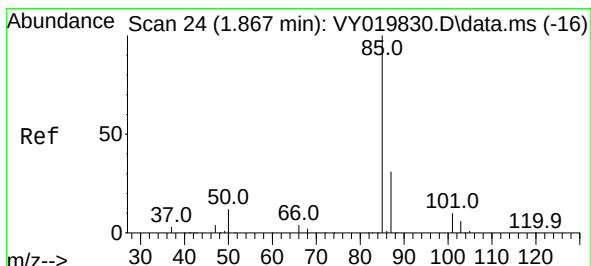
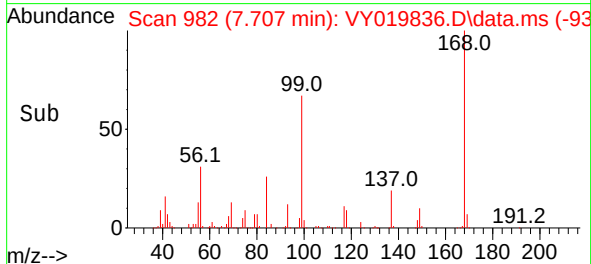
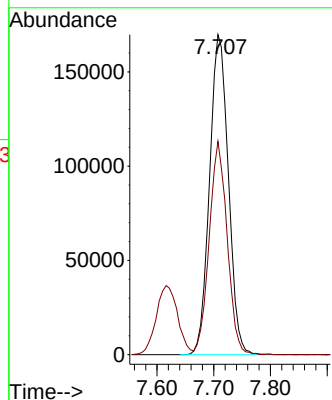
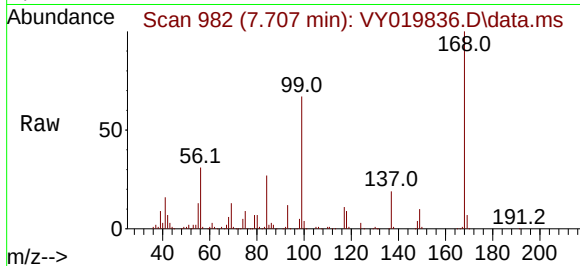




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

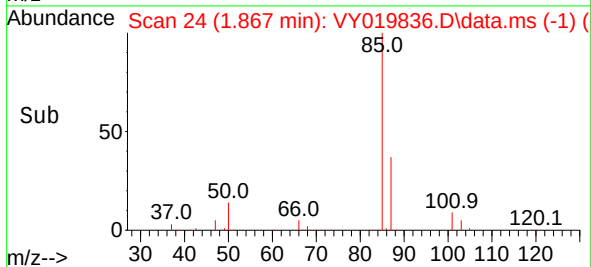
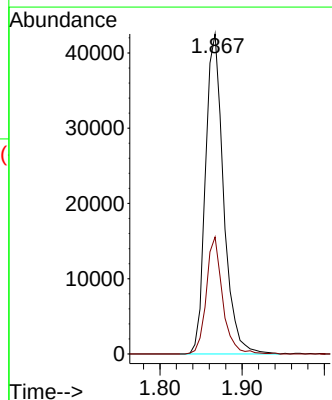
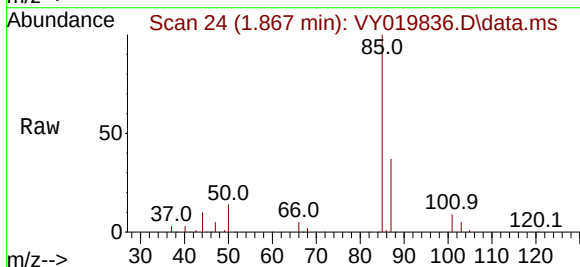
Instrument :
MSVOA_Y
ClientSampleId :

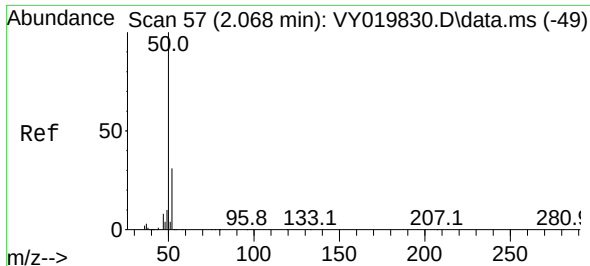
Tgt Ion:168 Resp: 390768
Ion Ratio Lower Upper
168 100
99 66.6 52.6 78.8



#2
Dichlorodifluoromethane
Concen: 17.854 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 85 Resp: 64947
Ion Ratio Lower Upper
85 100
87 36.5 15.7 47.1





#3

Chloromethane

Concen: 18.962 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

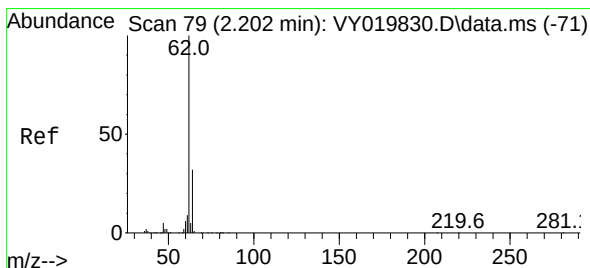
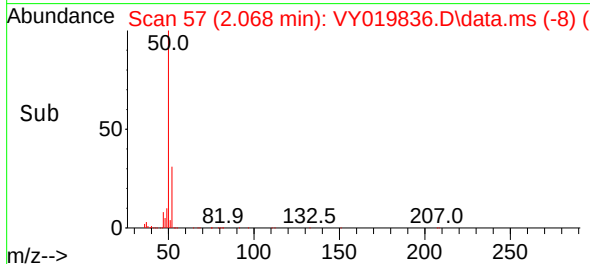
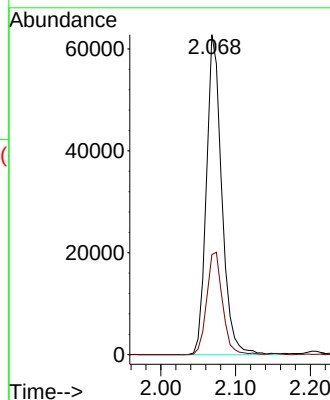
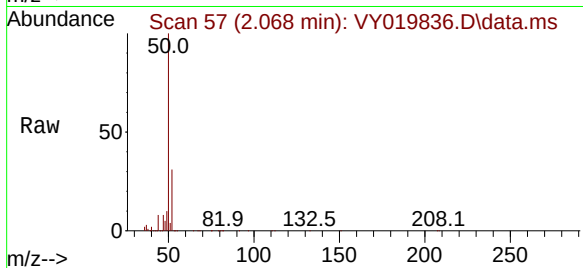
ClientSampleId :

Tgt Ion: 50 Resp: 89776

Ion Ratio Lower Upper

50 100

52 31.3 25.1 37.7



#4

Vinyl Chloride

Concen: 17.851 ug/l

RT: 2.202 min Scan# 79

Delta R.T. 0.000 min

Lab File: VY019836.D

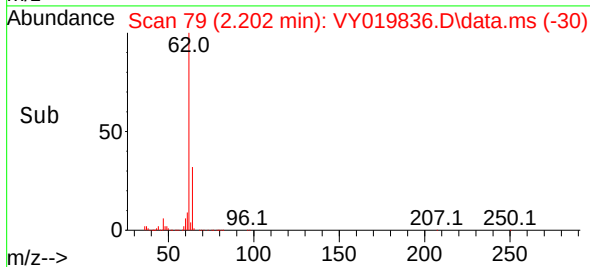
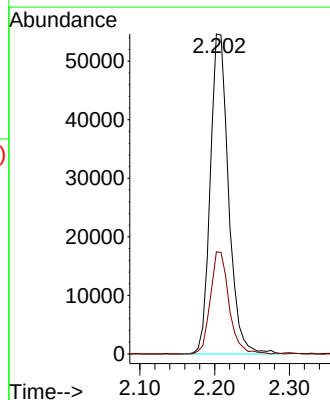
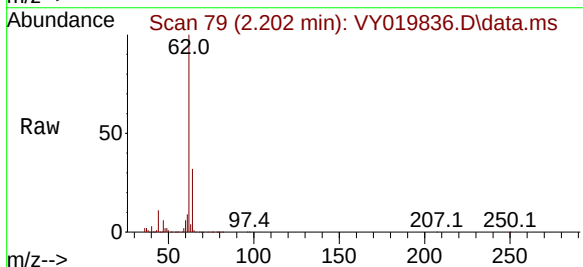
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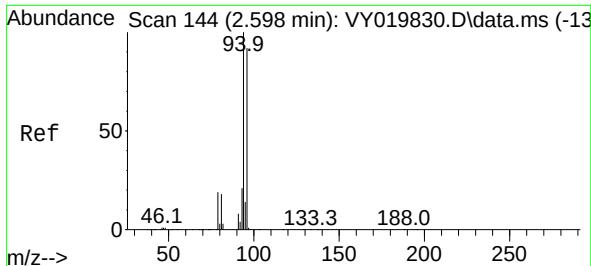
Tgt Ion: 62 Resp: 93008

Ion Ratio Lower Upper

62 100

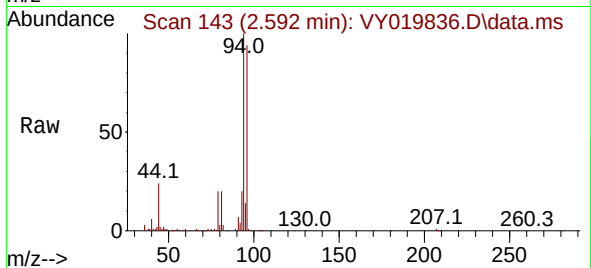
64 31.9 25.6 38.4



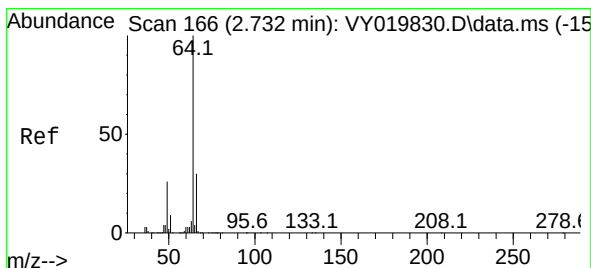
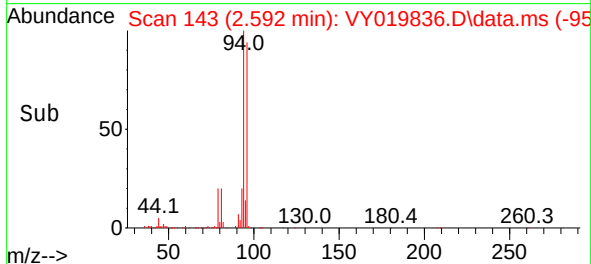
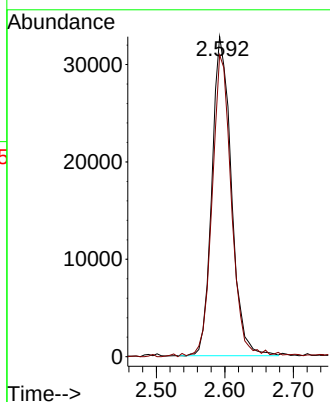


#5
Bromomethane
Concen: 19.554 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Instrument :
MSVOA_Y
ClientSampleId :

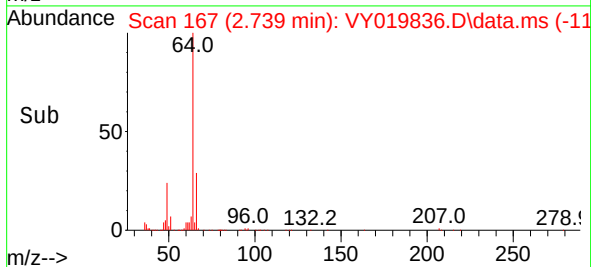
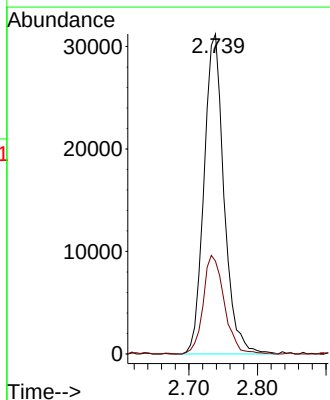
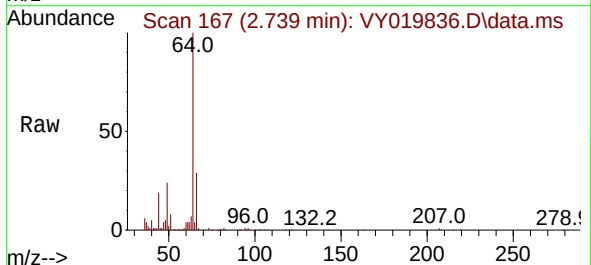


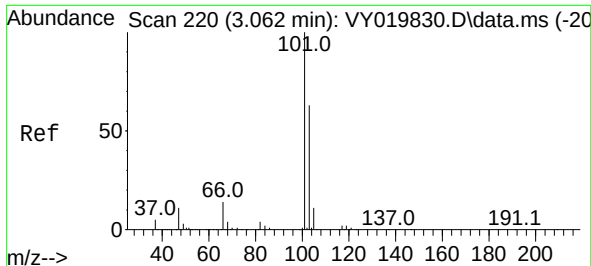
Tgt Ion: 94 Resp: 64484
Ion Ratio Lower Upper
94 100
96 94.6 73.6 110.4



#6
Chloroethane
Concen: 18.095 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 64 Resp: 63335
Ion Ratio Lower Upper
64 100
66 29.0 24.2 36.2

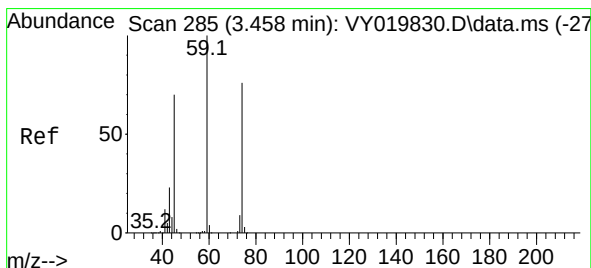
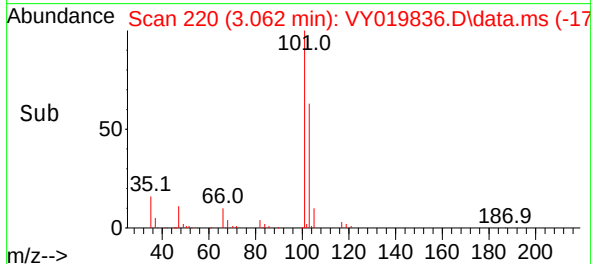
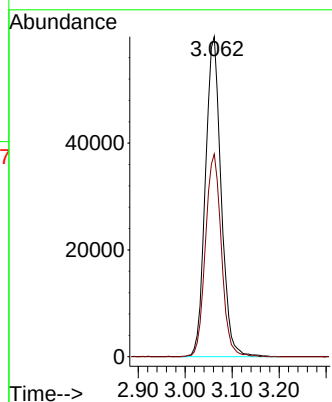
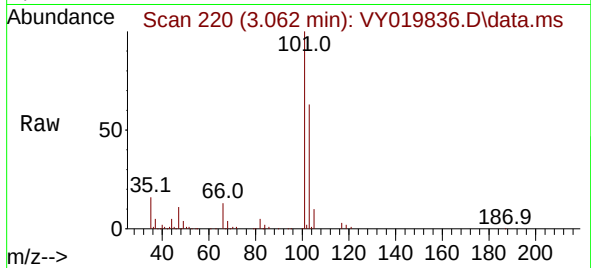




#7
 Trichlorofluoromethane
 Concen: 17.924 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019836.D
 Acq: 09 Oct 2024 16:41

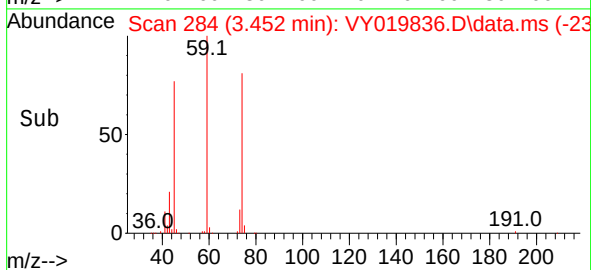
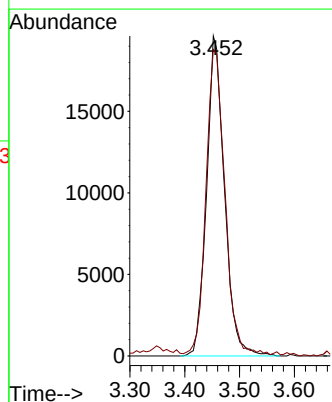
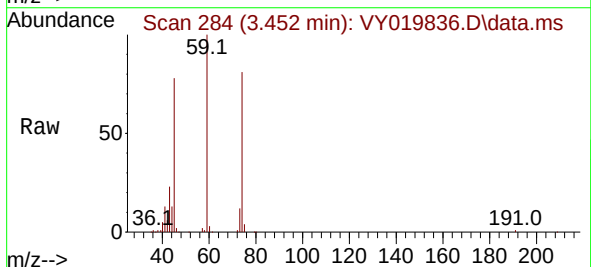
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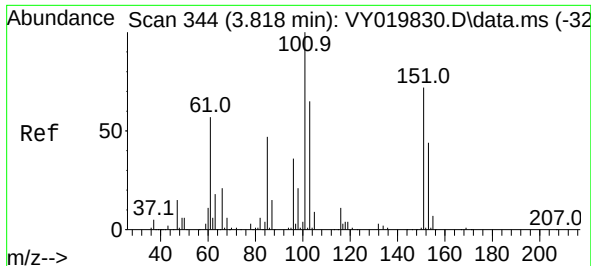
Tgt Ion:101 Resp: 138955
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 18.824 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019836.D
 Acq: 09 Oct 2024 16:41

Tgt Ion: 74 Resp: 44353
 Ion Ratio Lower Upper
 74 100
 45 100.5 49.9 149.6

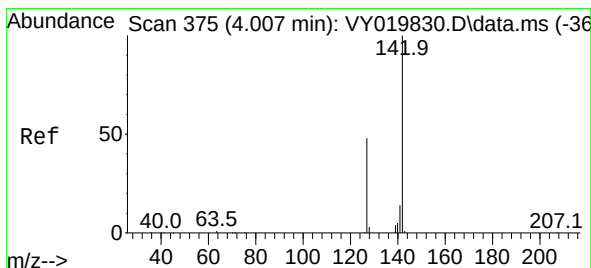
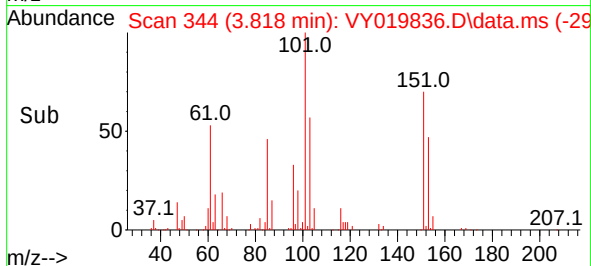
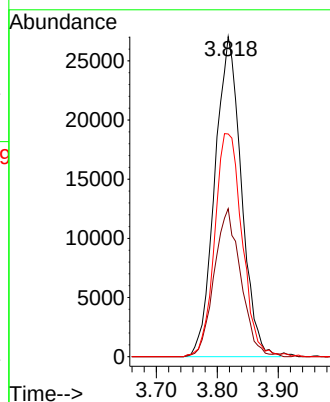
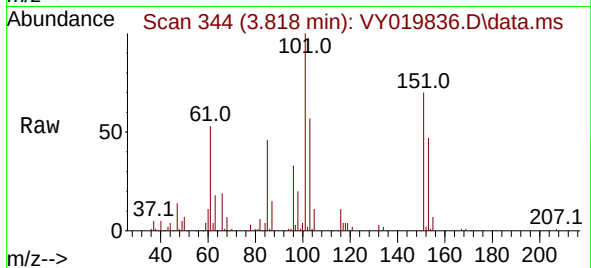




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.123 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

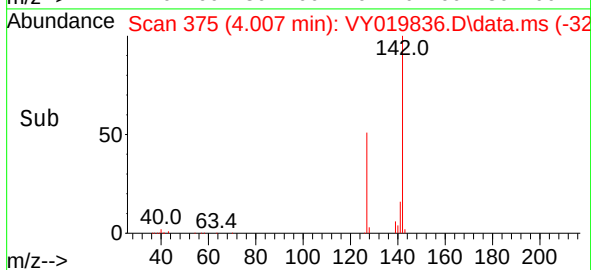
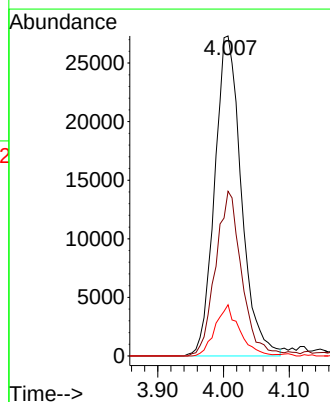
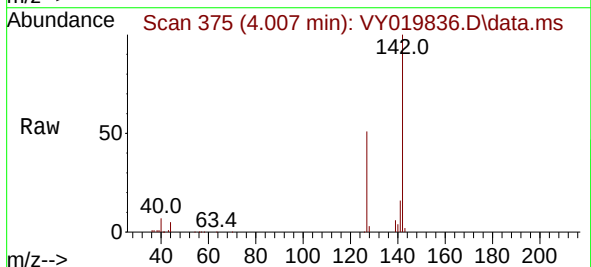
Instrument :
MSVOA_Y
ClientSampleId :

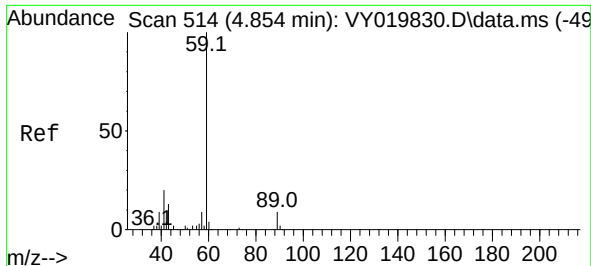
Tgt Ion:101 Resp: 81722
Ion Ratio Lower Upper
101 100
85 46.4 37.9 56.9
151 72.4 57.0 85.6



#10
Methyl Iodide
Concen: 16.915 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion:142 Resp: 77144
Ion Ratio Lower Upper
142 100
127 50.4 39.4 59.2
141 14.6 11.7 17.5





#11

Tert butyl alcohol

Concen: 111.750 ug/l

RT: 4.866 min Scan# 514

Delta R.T. 0.012 min

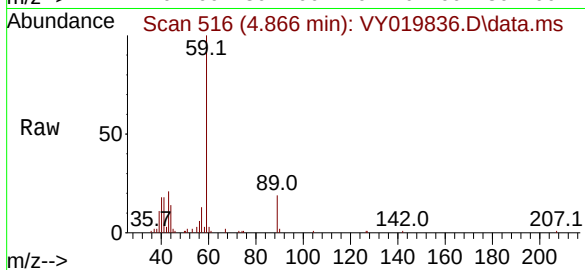
Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

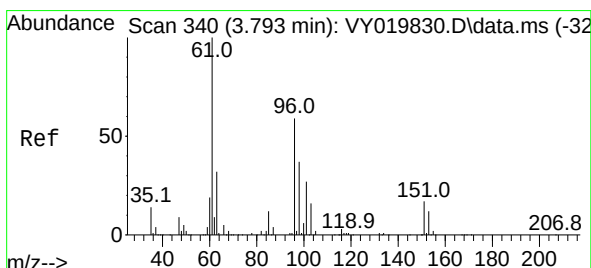
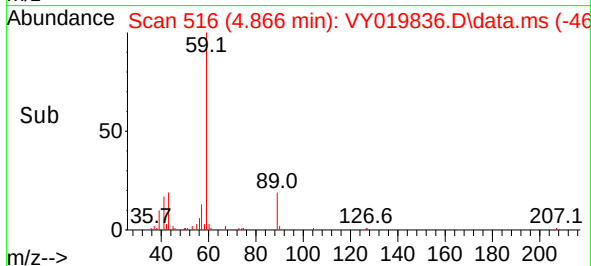
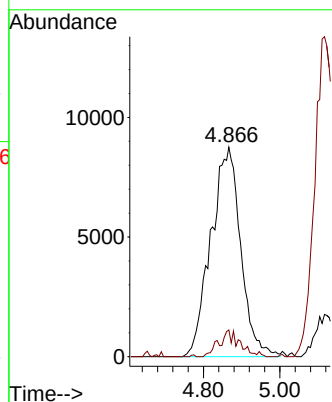


Tgt Ion: 59 Resp: 47345

Ion Ratio Lower Upper

59 100

57 5.8 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 17.942 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

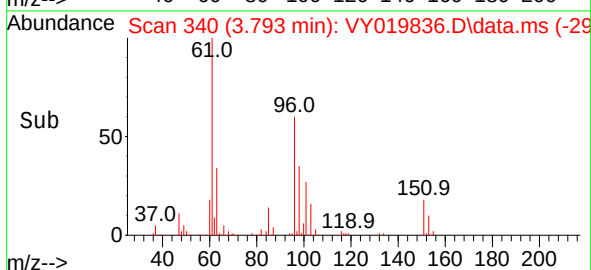
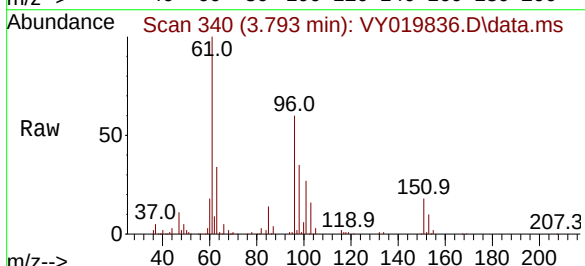
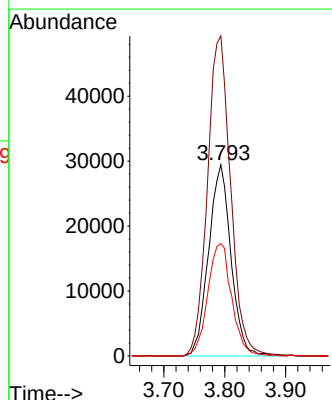
Tgt Ion: 96 Resp: 75215

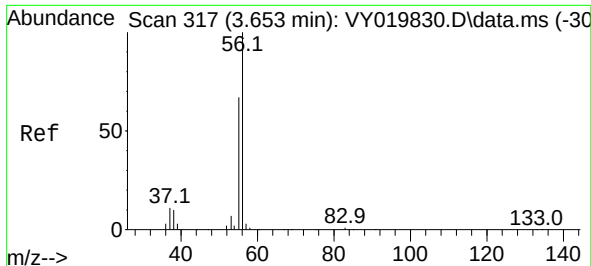
Ion Ratio Lower Upper

96 100

61 167.3 134.9 202.3

98 58.7 50.2 75.4

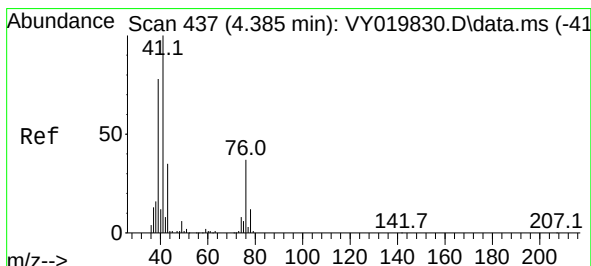
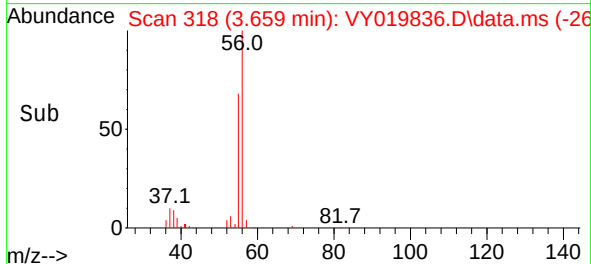
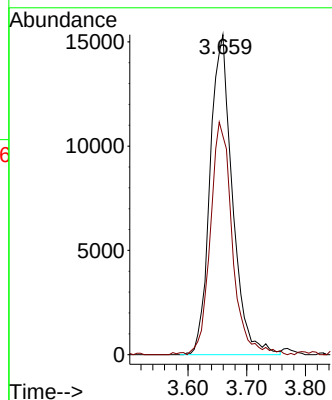
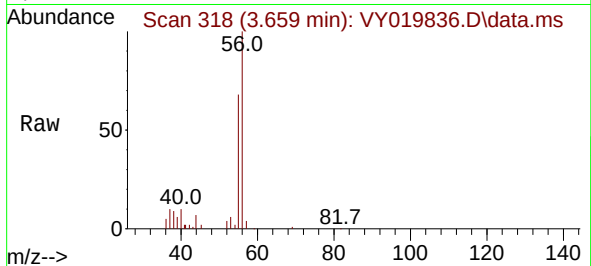




#13
Acrolein
Concen: 114.491 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

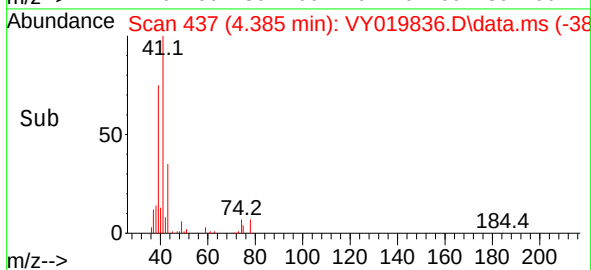
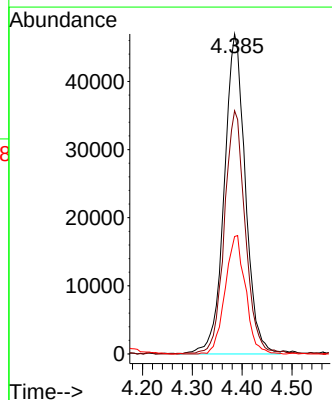
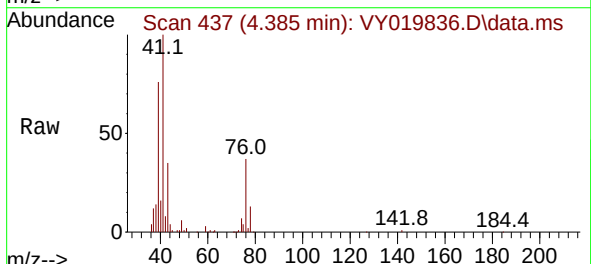
Instrument :
MSVOA_Y
ClientSampleId :

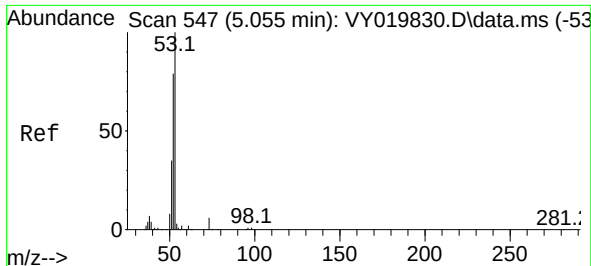
Tgt Ion: 56 Resp: 40478
Ion Ratio Lower Upper
56 100
55 71.7 56.9 85.3



#14
Allyl chloride
Concen: 18.272 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

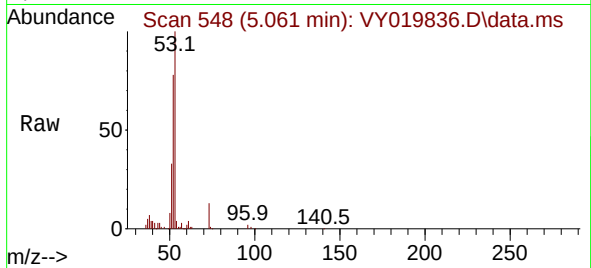
Tgt Ion: 41 Resp: 138205
Ion Ratio Lower Upper
41 100
39 75.5 59.1 88.7
76 35.7 28.6 42.8



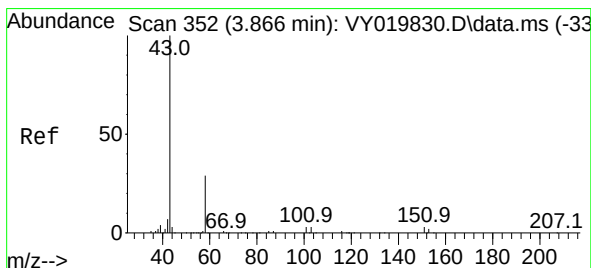
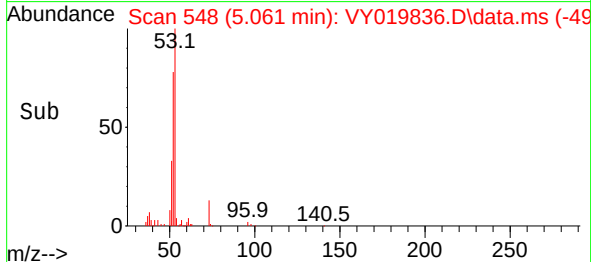
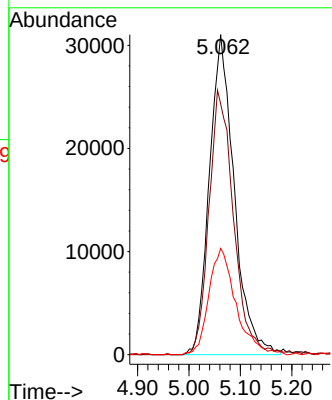


#15
Acrylonitrile
Concen: 96.410 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Instrument :
MSVOA_Y
ClientSampleId :

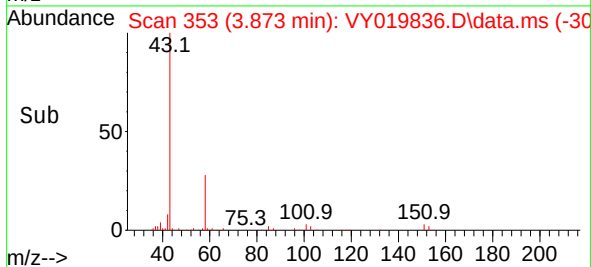
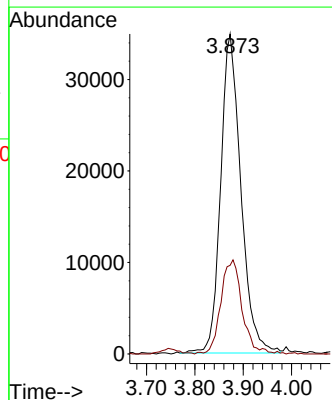
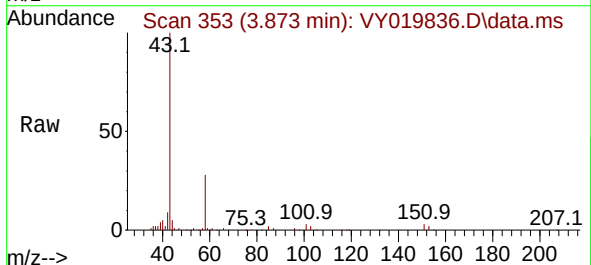


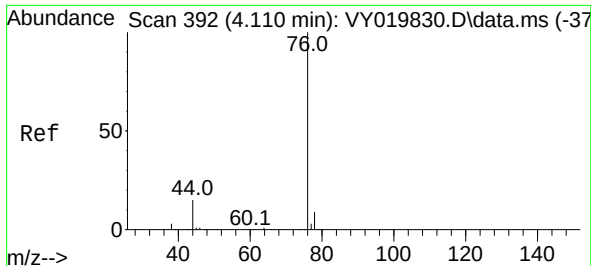
Tgt Ion: 53 Resp: 103900
Ion Ratio Lower Upper
53 100
52 82.4 65.0 97.6
51 36.3 29.9 44.9



#16
Acetone
Concen: 80.991 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 43 Resp: 101442
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.6

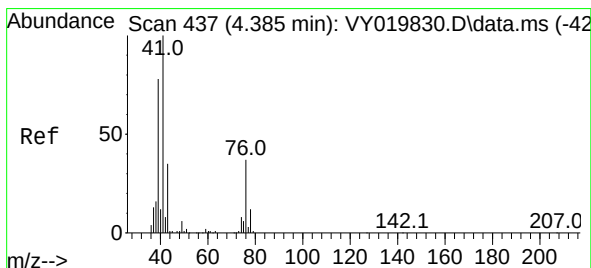
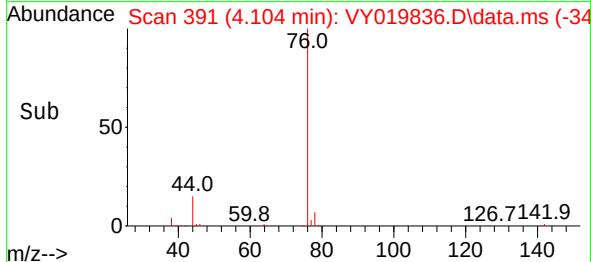
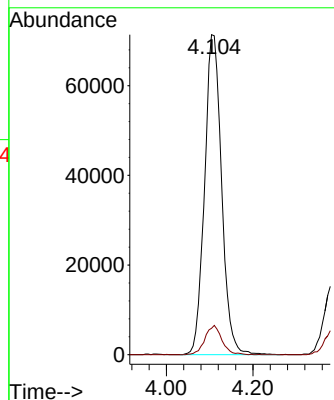
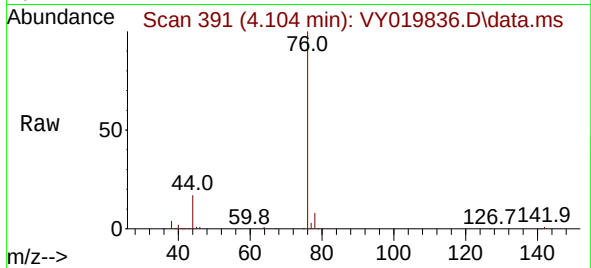




#17
Carbon Disulfide
Concen: 17.375 ug/l
RT: 4.104 min Scan# 392
Delta R.T. -0.006 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

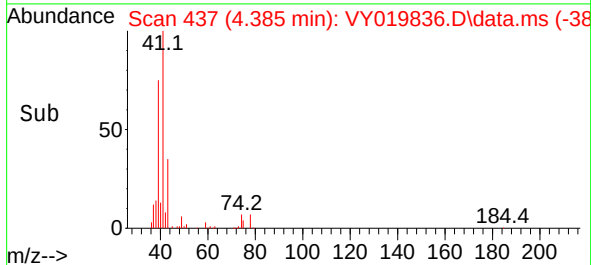
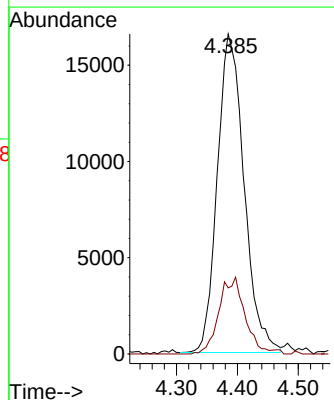
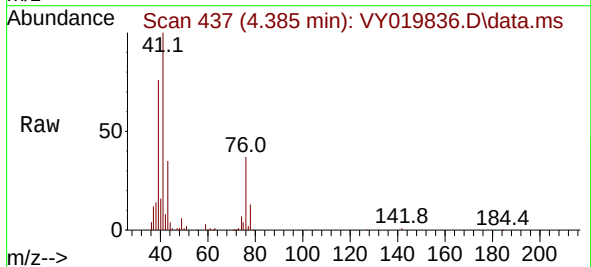
Instrument :
MSVOA_Y
ClientSampleId :

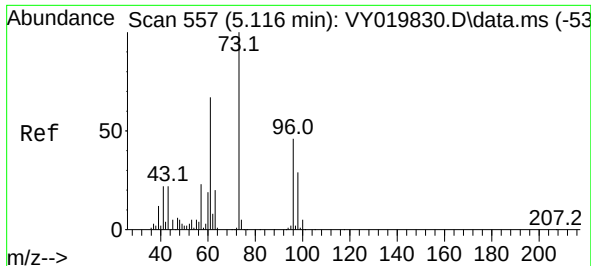
Tgt Ion: 76 Resp: 195239
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#18
Methyl Acetate
Concen: 18.720 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 43 Resp: 50508
Ion Ratio Lower Upper
43 100
74 23.6 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 19.212 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

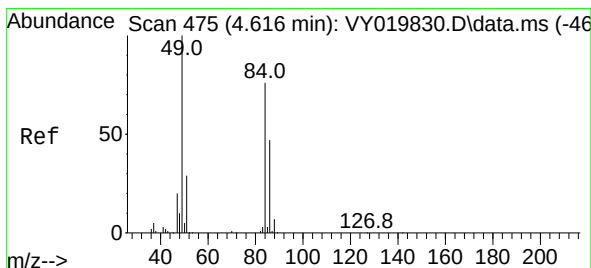
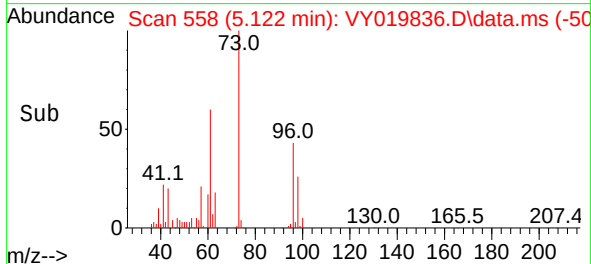
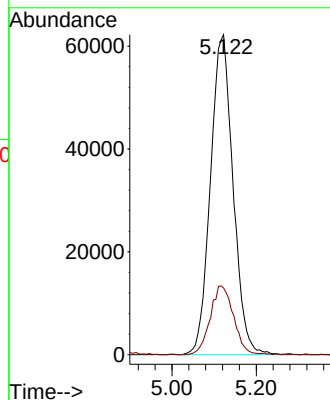
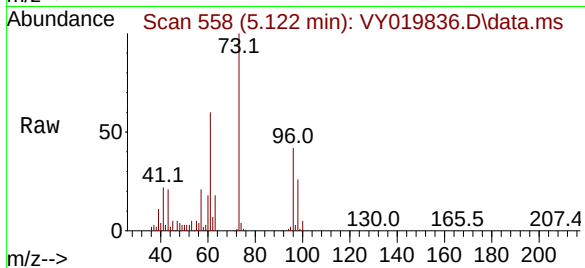
ClientSampleId :

Tgt Ion: 73 Resp: 231381

Ion Ratio Lower Upper

73 100

57 20.9 18.6 28.0



#20

Methylene Chloride

Concen: 18.437 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Tgt Ion: 84 Resp: 93195

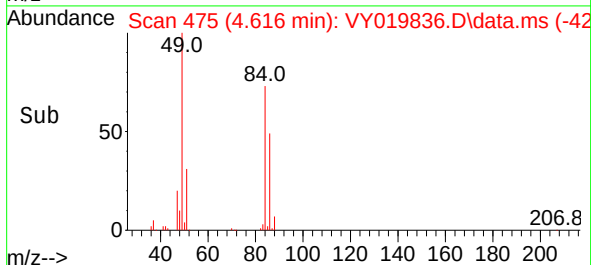
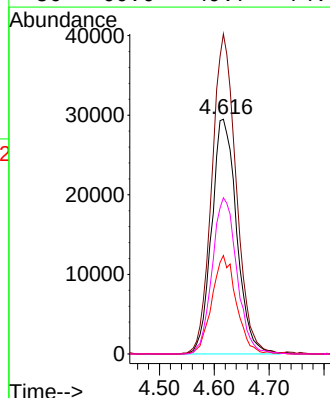
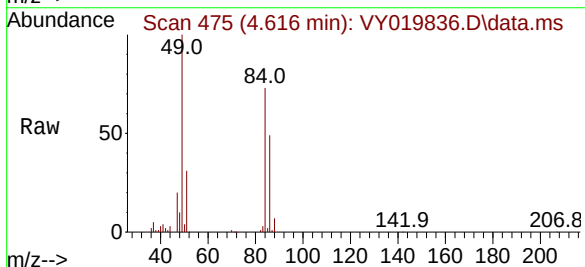
Ion Ratio Lower Upper

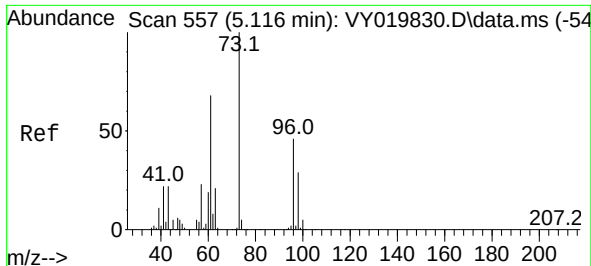
84 100

49 136.3 104.8 157.2

51 41.9 30.4 45.6

86 66.6 49.7 74.5

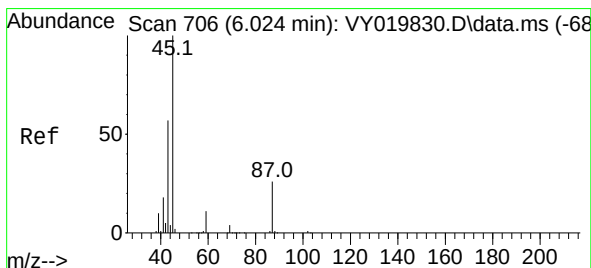
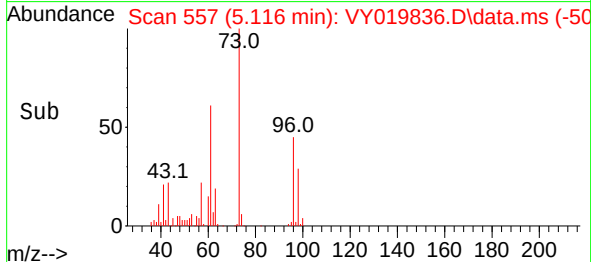
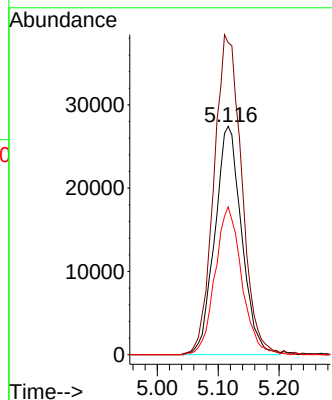
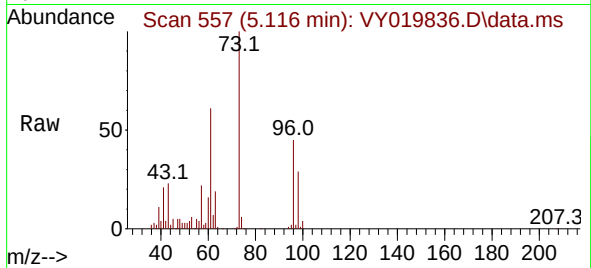




#21
trans-1,2-Dichloroethene
Concen: 18.379 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

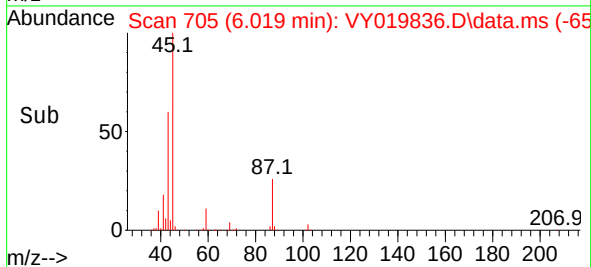
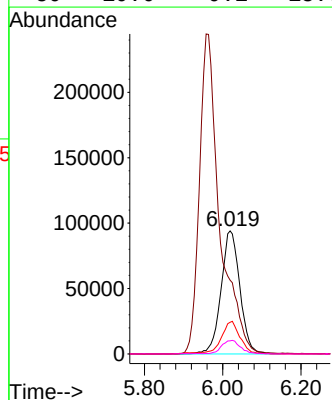
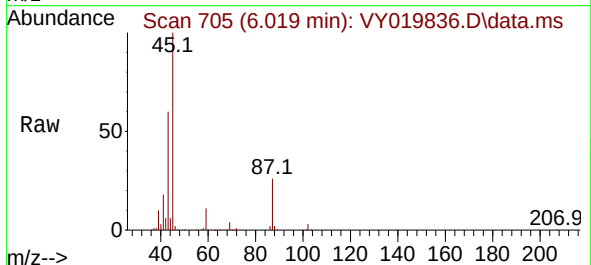
Instrument :
MSVOA_Y
ClientSampleId :

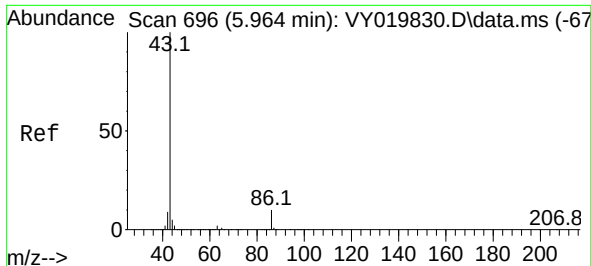
Tgt Ion: 96 Resp: 83857
Ion Ratio Lower Upper
96 100
61 136.7 117.9 176.9
98 64.8 51.0 76.4



#22
Diisopropyl ether
Concen: 19.121 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 45 Resp: 315030
Ion Ratio Lower Upper
45 100
43 59.7 45.4 68.0
87 25.7 21.1 31.7
59 10.6 9.1 13.7

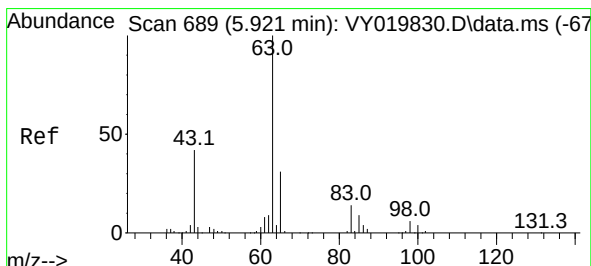
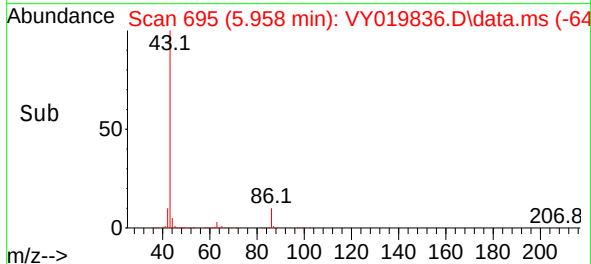
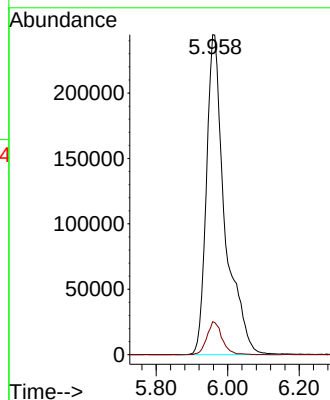
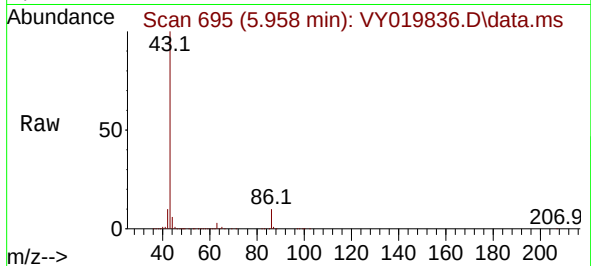




#23
 Vinyl Acetate
 Concen: 93.045 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. -0.006 min
 Lab File: VY019836.D
 Acq: 09 Oct 2024 16:41

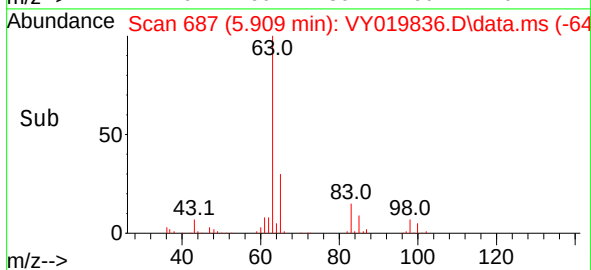
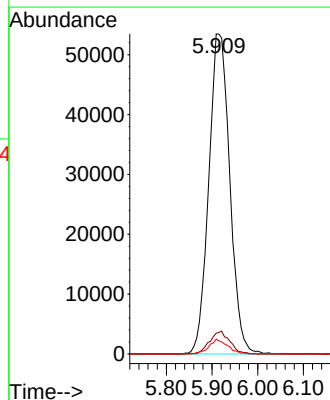
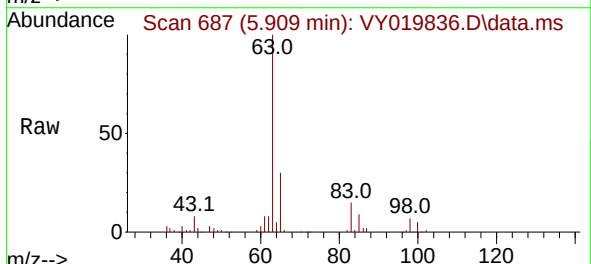
Instrument :
 MSVOA_Y
 ClientSampleId :

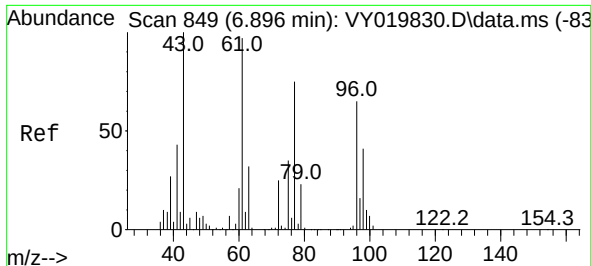
Tgt Ion: 43 Resp: 878822
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 18.678 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY019836.D
 Acq: 09 Oct 2024 16:41

Tgt Ion: 63 Resp: 171066
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.2 9.6
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 90.204 ug/l

RT: 6.897 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

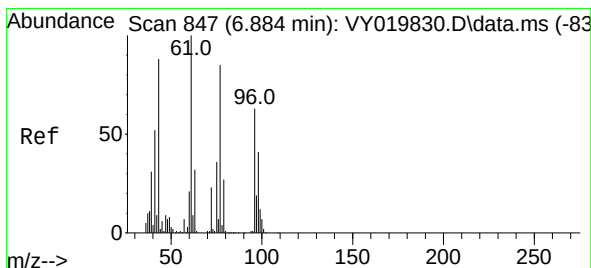
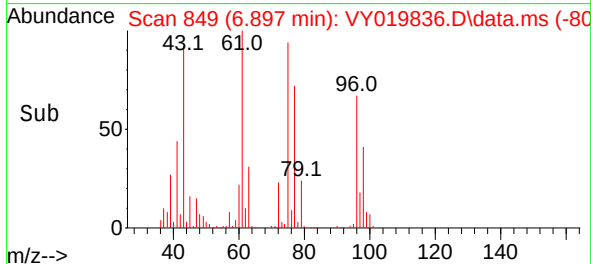
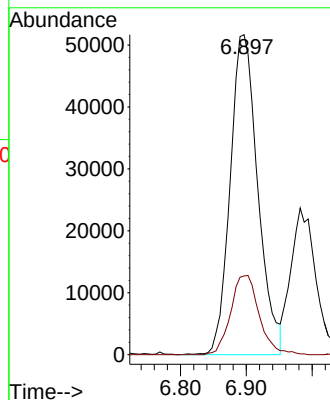
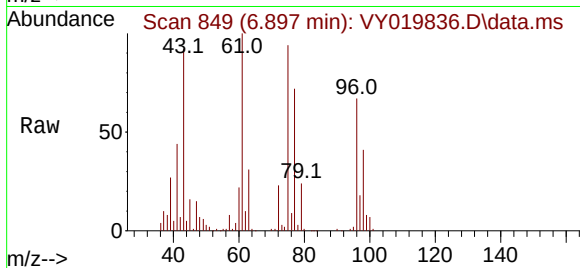
ClientSampleId :

Tgt Ion: 43 Resp: 151229

Ion Ratio Lower Upper

43 100

72 24.6 19.8 29.6



#26

2,2-Dichloropropane

Concen: 18.145 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019836.D

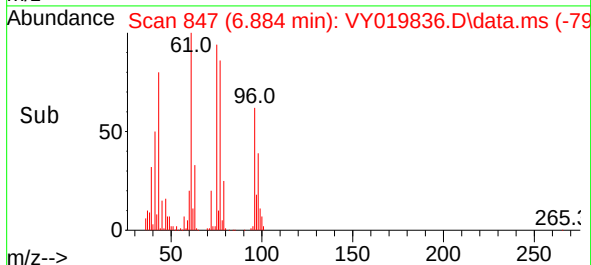
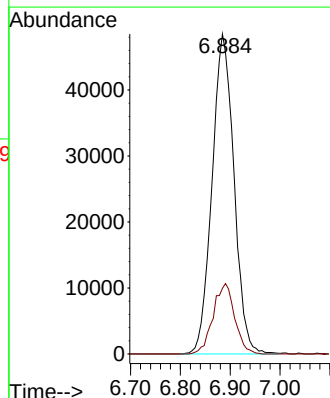
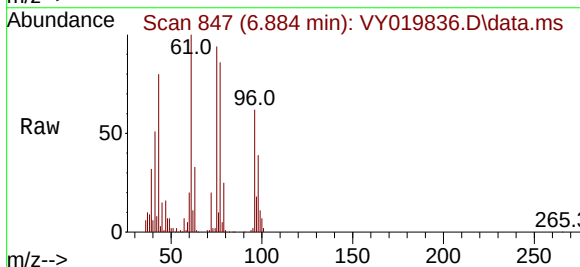
Acq: 09 Oct 2024 16:41

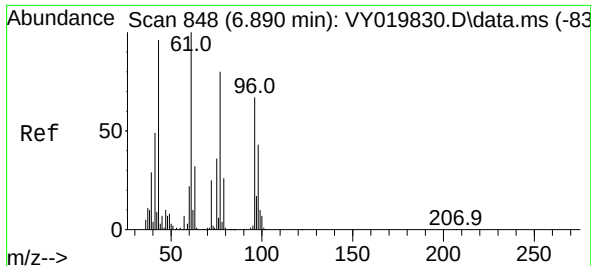
Tgt Ion: 77 Resp: 147993

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.6

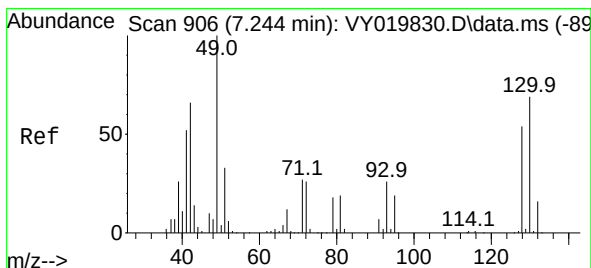
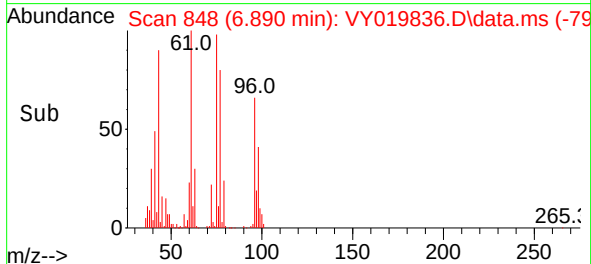
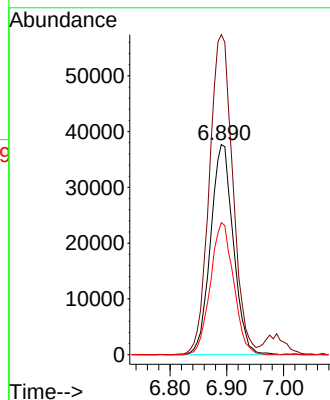
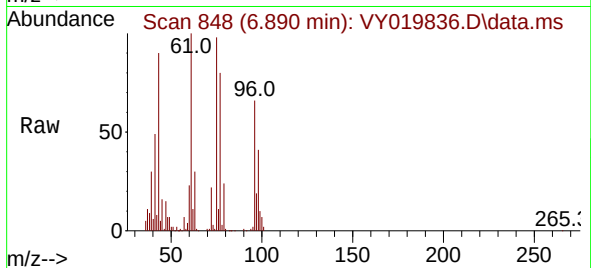




#27
 cis-1,2-Dichloroethene
 Concen: 18.619 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019836.D
 Acq: 09 Oct 2024 16:41

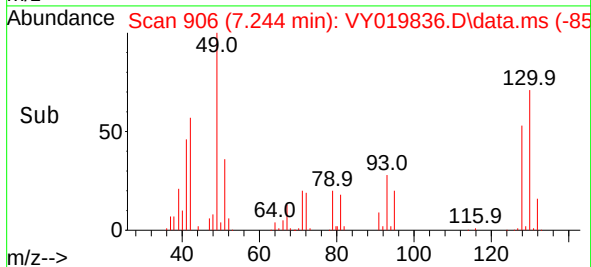
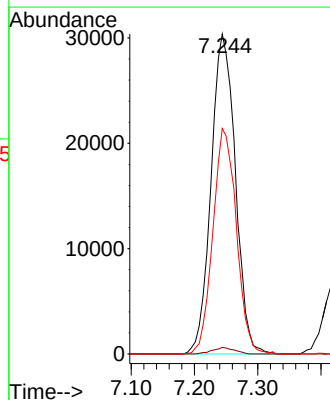
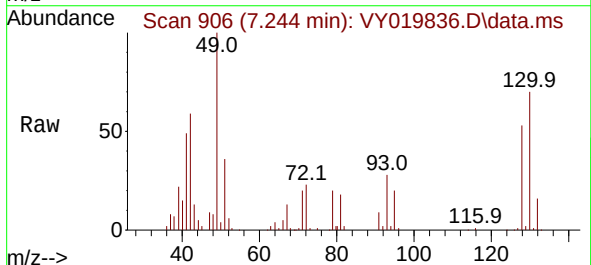
Instrument :
 MSVOA_Y
 ClientSampleId :

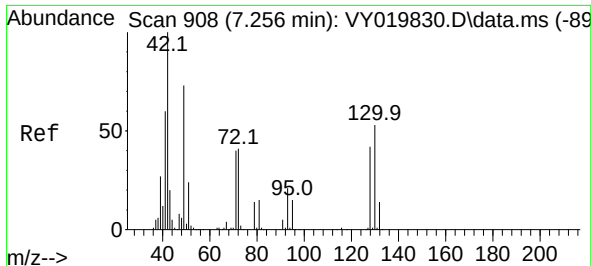
Tgt Ion: 96 Resp: 104984
 Ion Ratio Lower Upper
 96 100
 61 157.1 0.0 311.4
 98 63.9 0.0 129.2



#28
 Bromochloromethane
 Concen: 20.044 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019836.D
 Acq: 09 Oct 2024 16:41

Tgt Ion: 49 Resp: 80800
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 68.2 55.0 82.4





#29

Tetrahydrofuran

Concen: 94.958 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

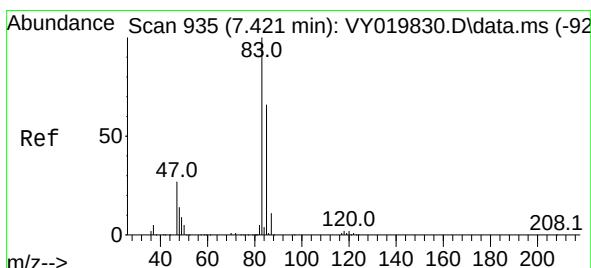
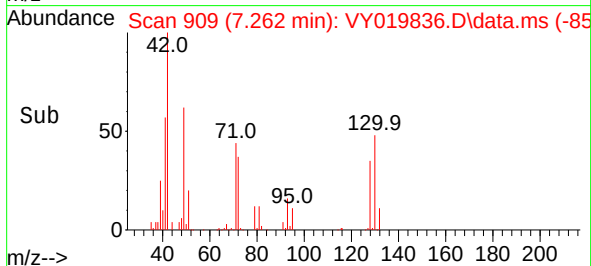
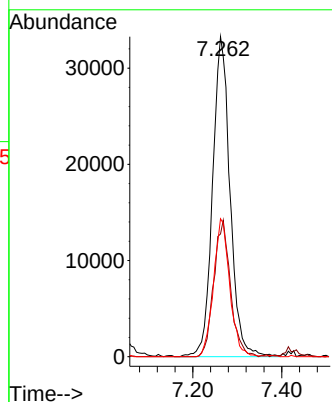
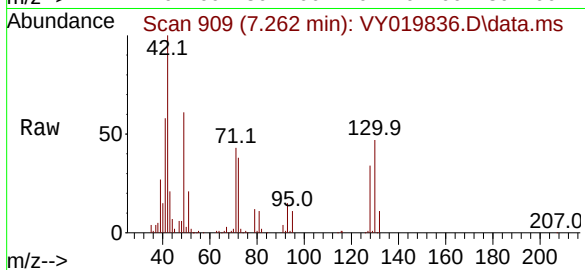
Tgt Ion: 42 Resp: 90899

Ion Ratio Lower Upper

42 100

72 40.8 33.4 50.0

71 40.0 31.6 47.4



#30

Chloroform

Concen: 19.252 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019836.D

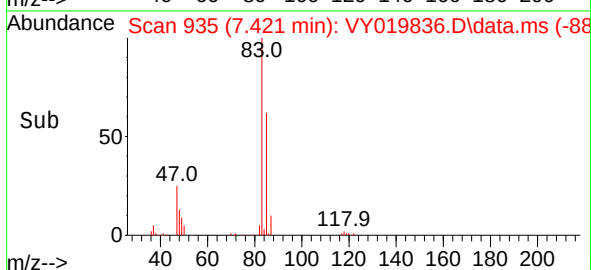
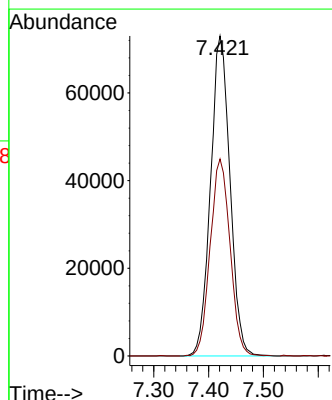
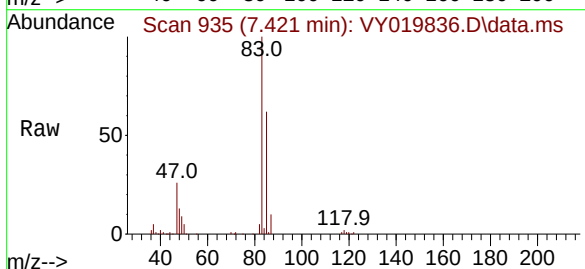
Acq: 09 Oct 2024 16:41

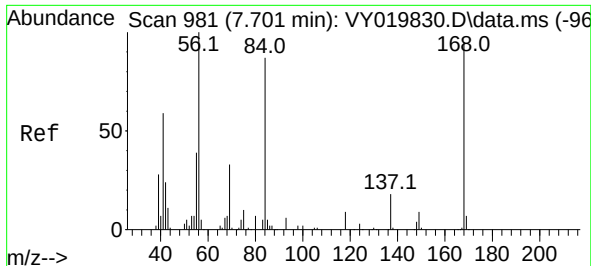
Tgt Ion: 83 Resp: 179737

Ion Ratio Lower Upper

83 100

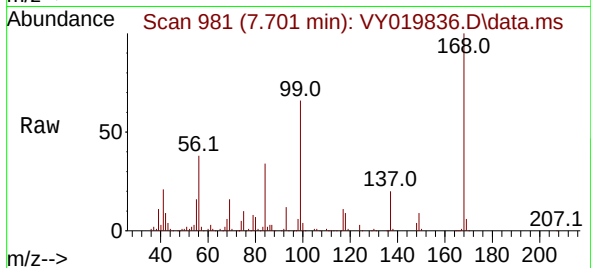
85 61.5 52.7 79.1



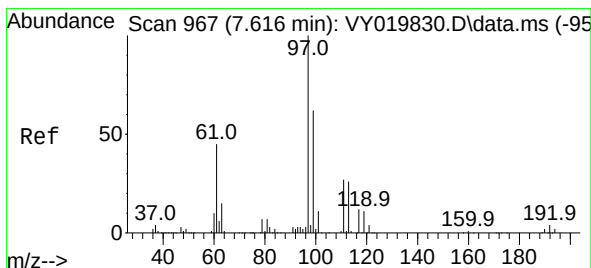
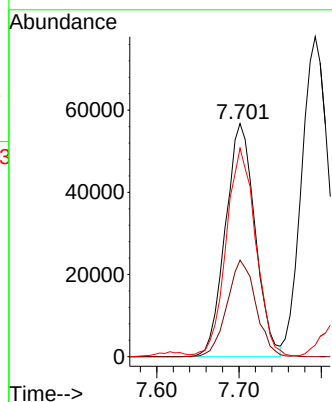
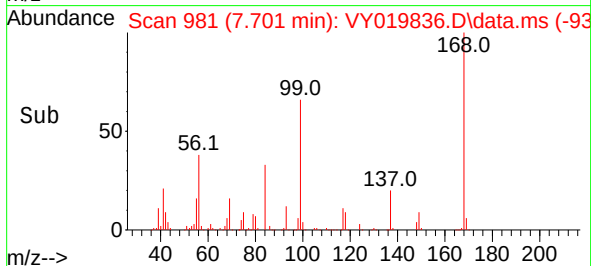


#31
Cyclohexane
Concen: 17.693 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Instrument :
MSVOA_Y
ClientSampleId :

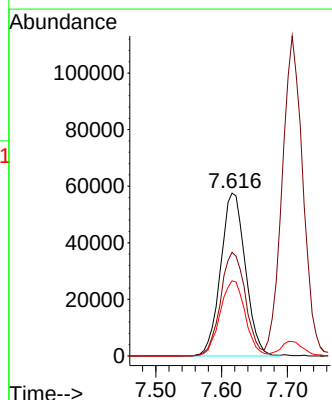
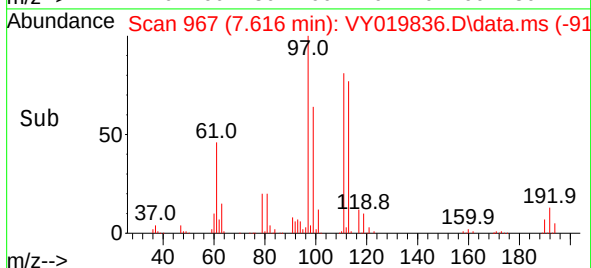
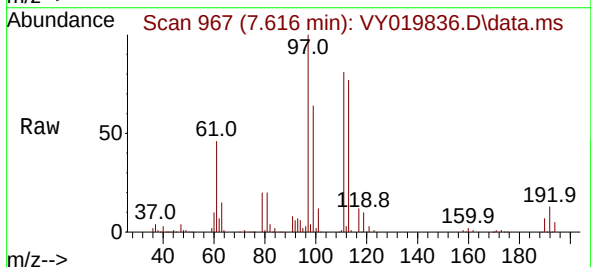


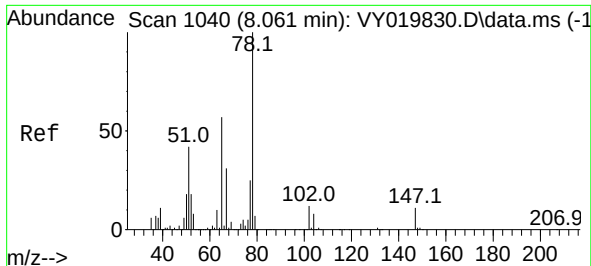
Tgt Ion: 56 Resp: 142244
Ion Ratio Lower Upper
56 100
69 41.4 26.6 39.8#
84 87.7 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 18.414 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 97 Resp: 150655
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 46.9 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.928 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

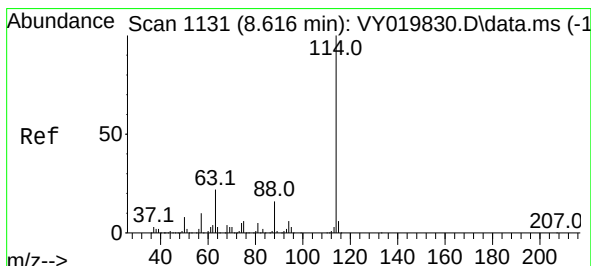
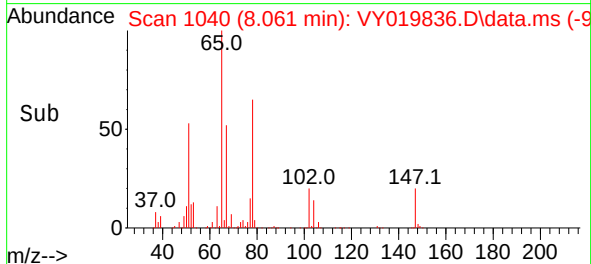
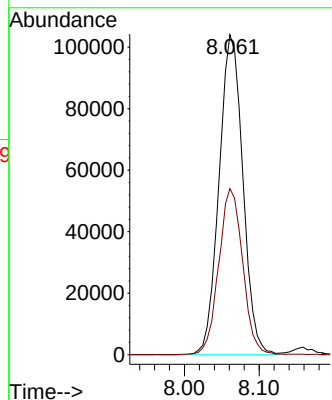
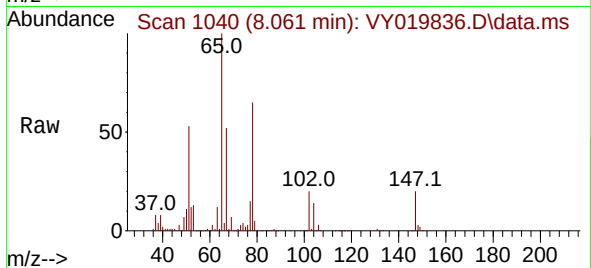
ClientSampleId :

Tgt Ion: 65 Resp: 230606

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

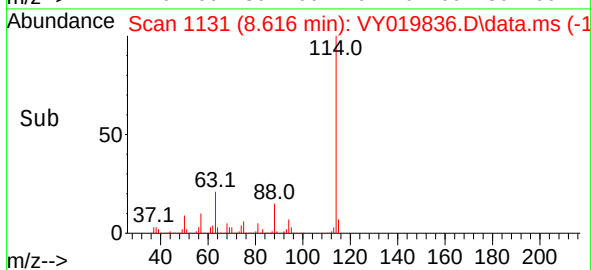
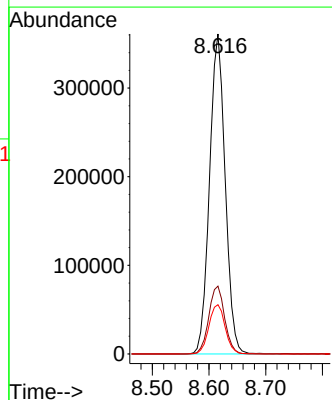
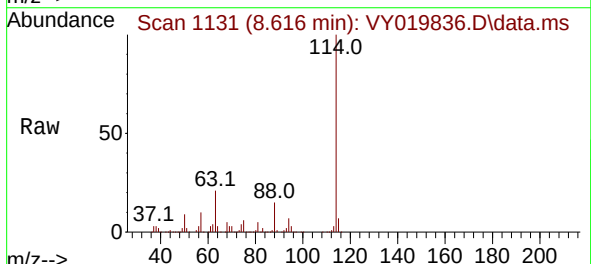
Tgt Ion: 114 Resp: 691810

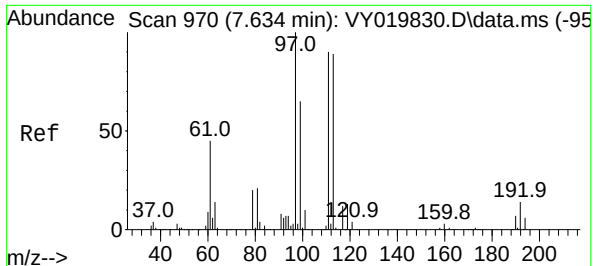
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

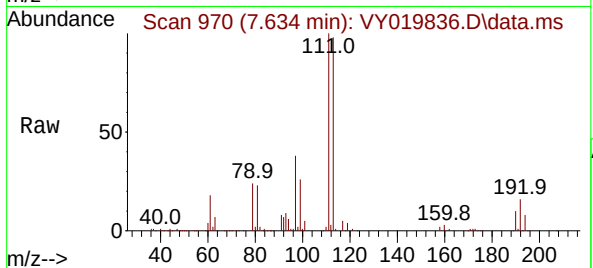
88 15.4 0.0 32.0



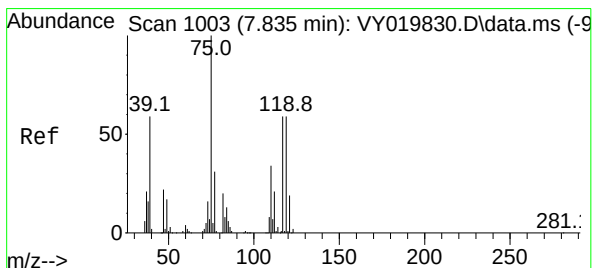
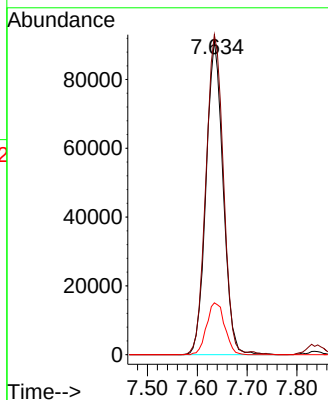
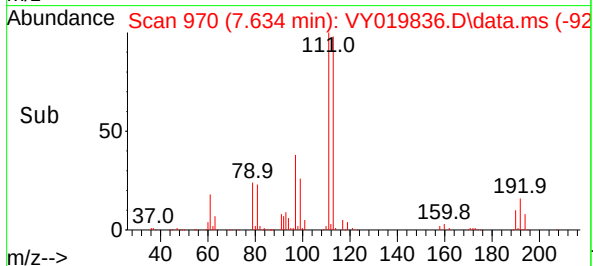


#35
 Dibromofluoromethane
 Concen: 47.432 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019836.D
 Acq: 09 Oct 2024 16:41

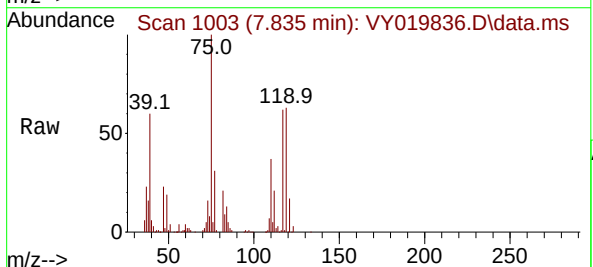
Instrument :
 MSVOA_Y
 ClientSampleId :



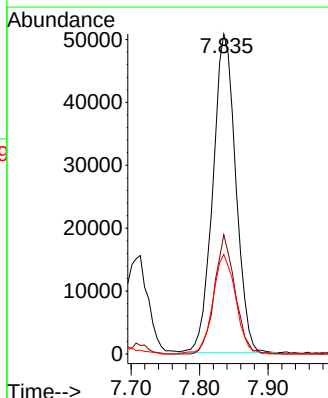
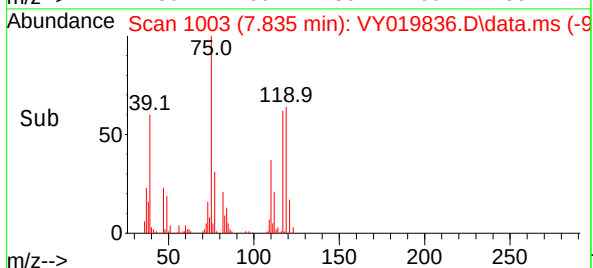
Tgt Ion:113 Resp: 216538
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.9 124.3
 192 17.5 13.6 20.4

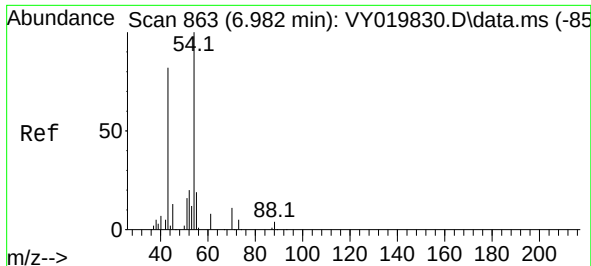


#36
 1,1-Dichloropropene
 Concen: 17.836 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY019836.D
 Acq: 09 Oct 2024 16:41



Tgt Ion: 75 Resp: 117304
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.6 49.8
 77 31.3 24.6 36.8

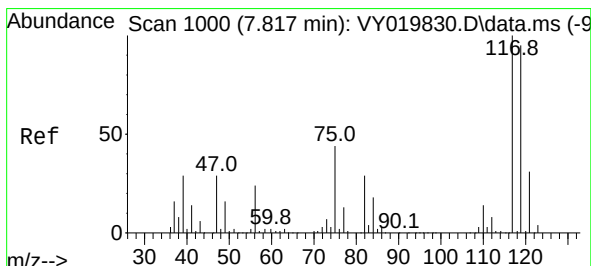
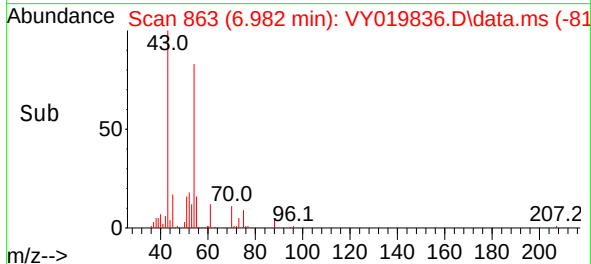
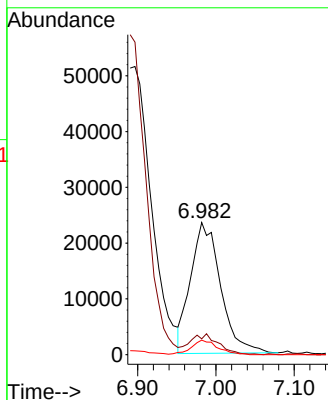
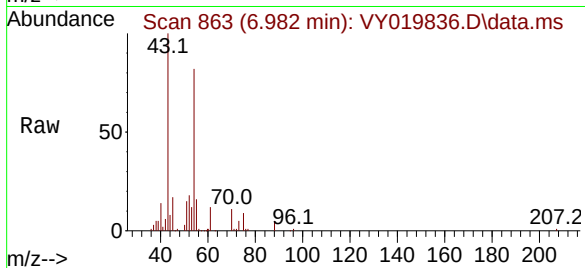




#37
Ethyl Acetate
Concen: 18.229 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

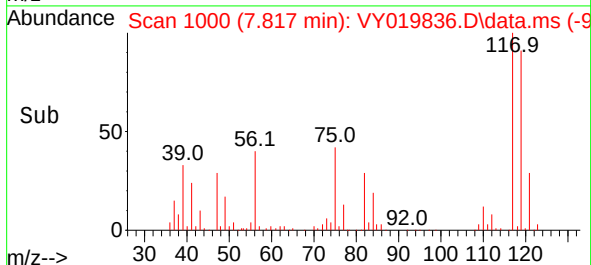
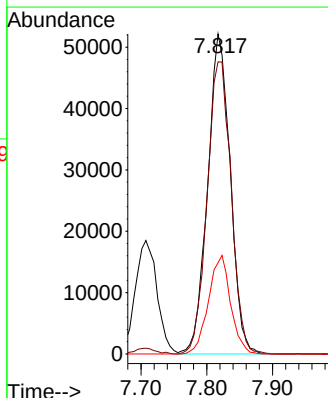
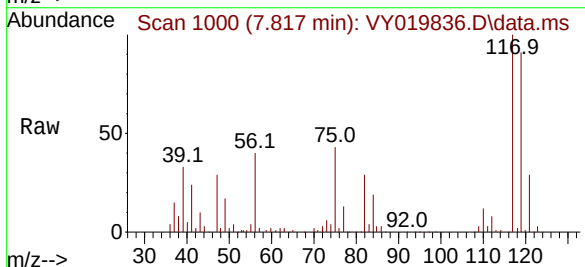
Instrument :
MSVOA_Y
ClientSampleId :

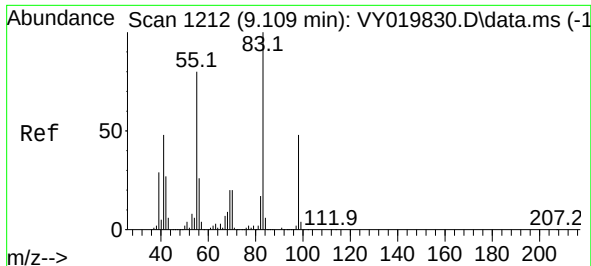
Tgt Ion: 43 Resp: 62516
Ion Ratio Lower Upper
43 100
61 15.2 10.9 16.3
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 17.709 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion:117 Resp: 124860
Ion Ratio Lower Upper
117 100
119 91.3 76.2 114.4
121 28.5 25.0 37.4





#39

Methylcyclohexane

Concen: 17.640 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

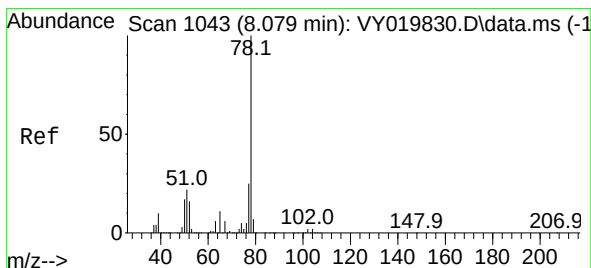
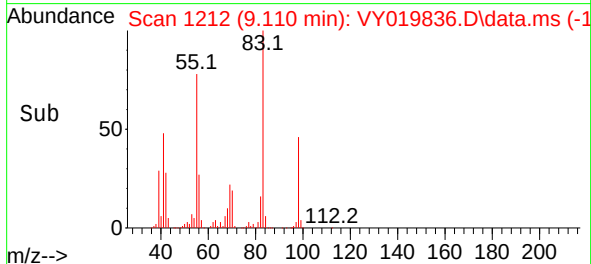
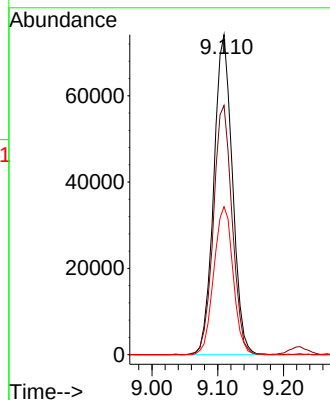
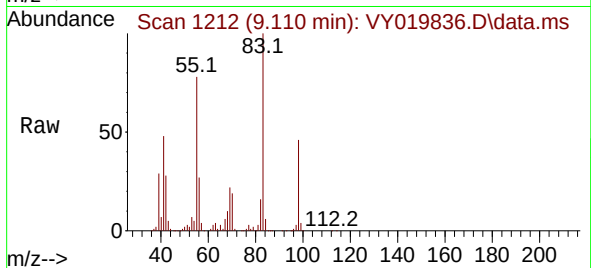
Tgt Ion: 83 Resp: 146183

Ion Ratio Lower Upper

83 100

55 77.9 63.7 95.5

98 46.3 38.3 57.5



#40

Benzene

Concen: 18.435 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019836.D

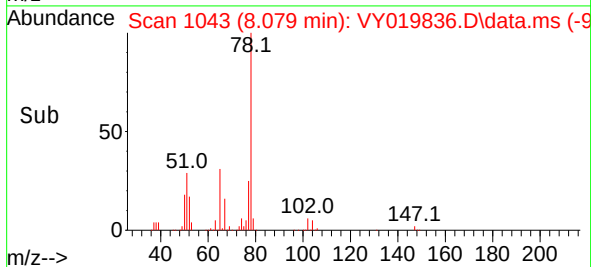
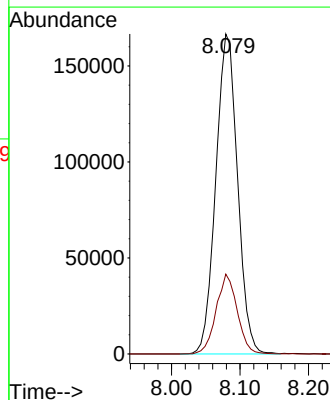
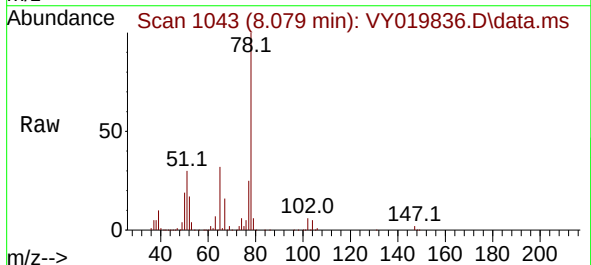
Acq: 09 Oct 2024 16:41

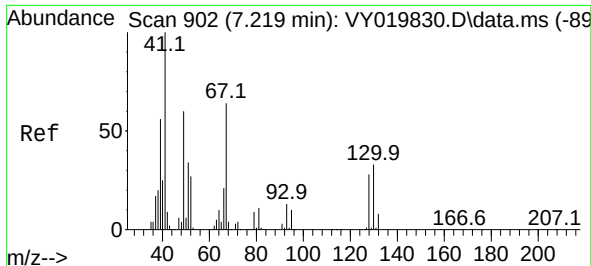
Tgt Ion: 78 Resp: 366939

Ion Ratio Lower Upper

78 100

77 25.0 19.6 29.4

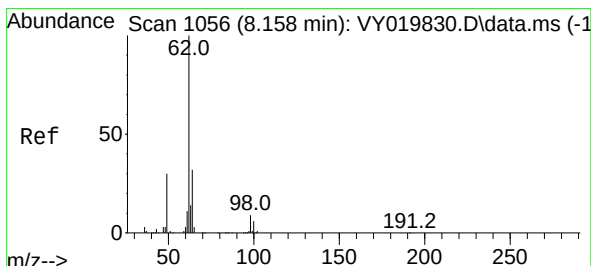
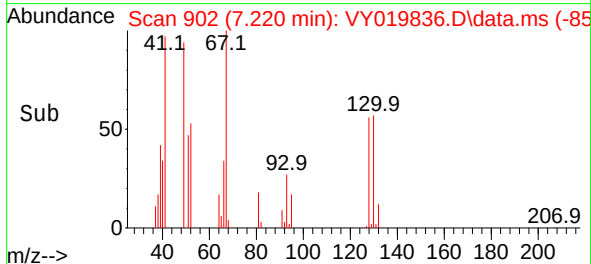
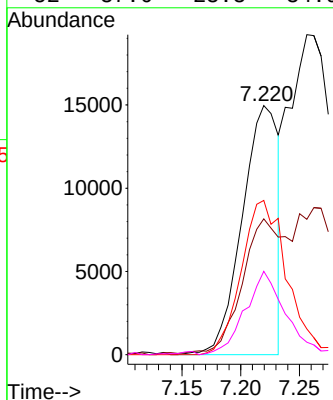
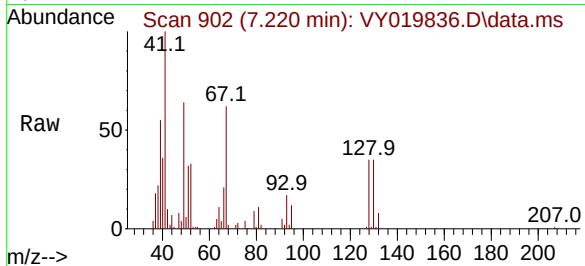




#41
Methacrylonitrile
Concen: 17.270 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

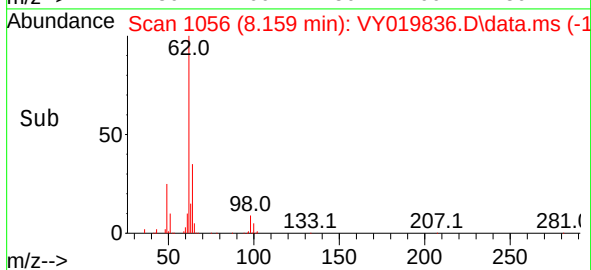
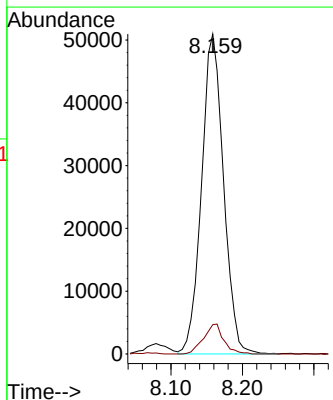
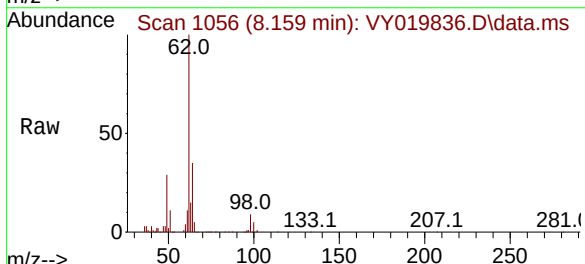
Instrument :
MSVOA_Y
ClientSampleId :

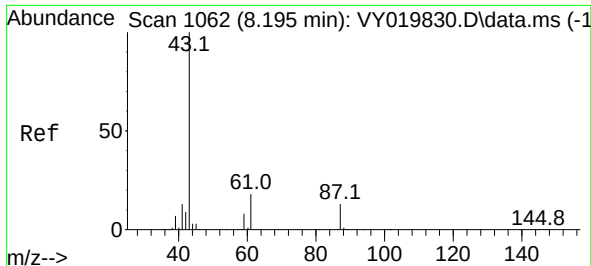
Tgt Ion: 41 Resp: 32055
Ion Ratio Lower Upper
41 100
39 53.0 43.9 65.9
67 78.3 53.2 79.8
52 37.6 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 19.021 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 62 Resp: 108769
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.8





#43

Isopropyl Acetate

Concen: 18.383 ug/l

RT: 8.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

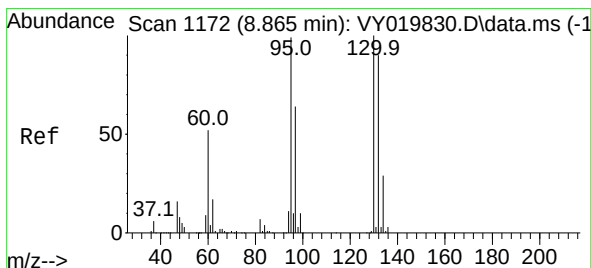
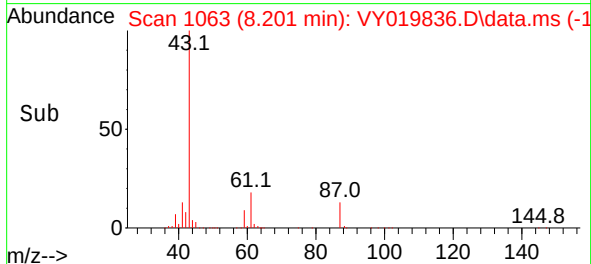
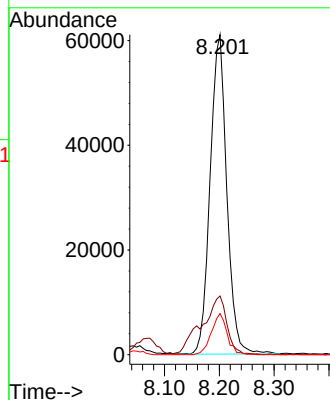
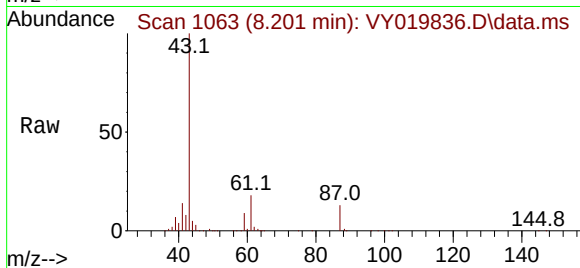
Tgt Ion: 43 Resp: 128574

Ion Ratio Lower Upper

43 100

61 27.8 15.5 23.3#

87 12.2 9.9 14.9



#44

Trichloroethene

Concen: 18.169 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY019836.D

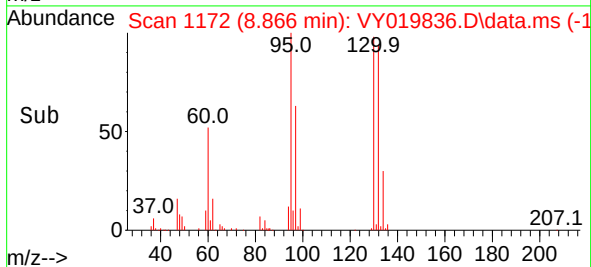
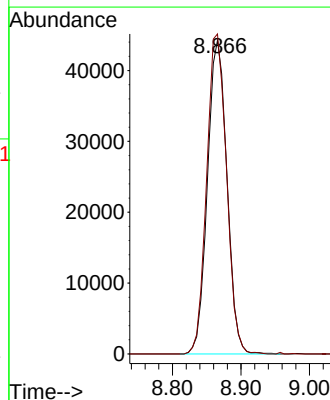
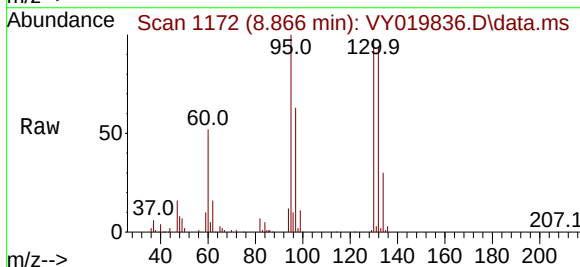
Acq: 09 Oct 2024 16:41

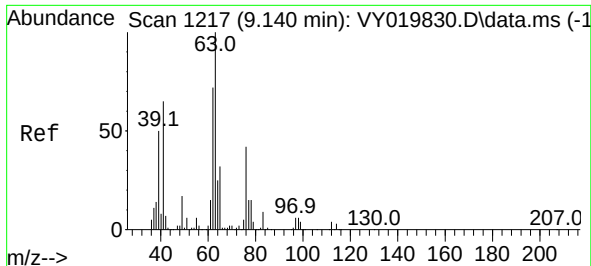
Tgt Ion:130 Resp: 87592

Ion Ratio Lower Upper

130 100

95 102.0 0.0 197.2

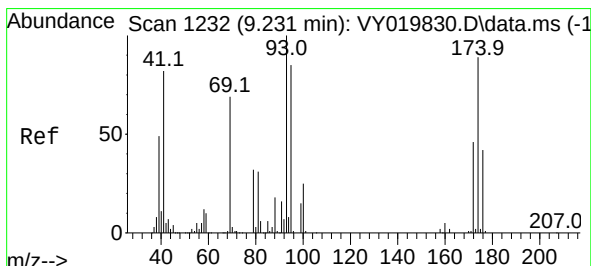
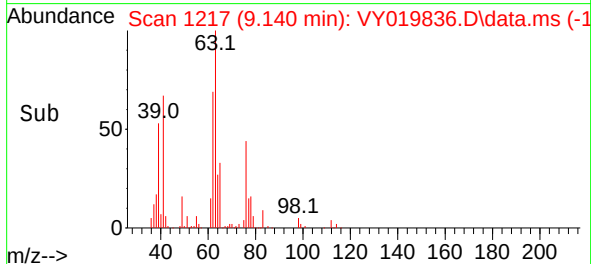
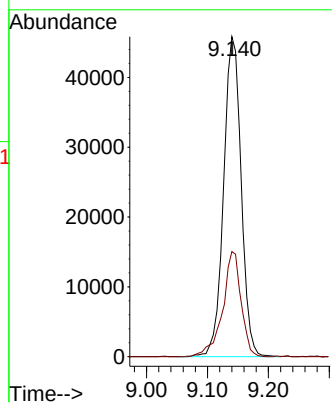
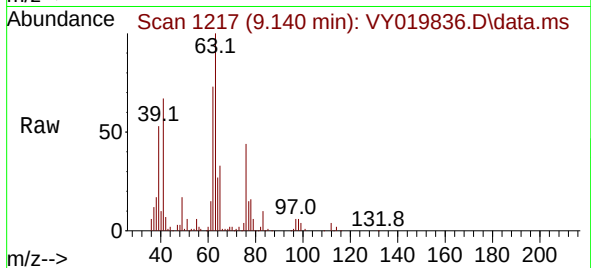




#45
1,2-Dichloropropane
Concen: 18.389 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

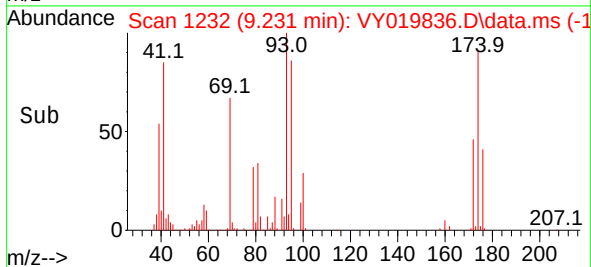
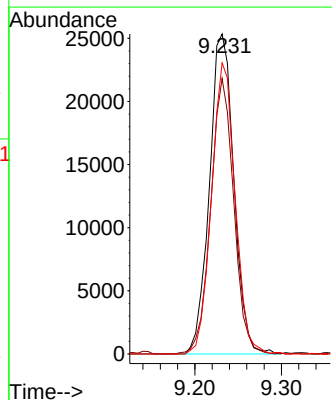
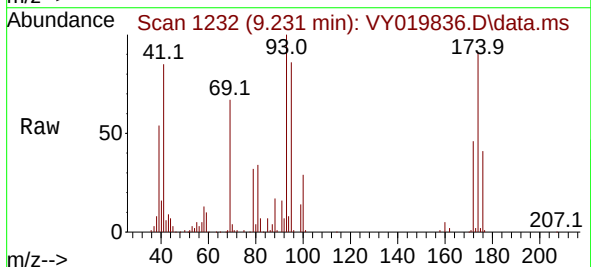
Instrument :
MSVOA_Y
ClientSampleId :

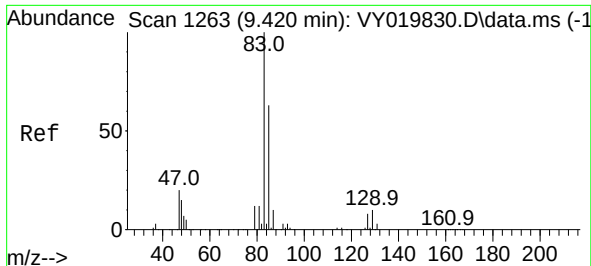
Tgt Ion: 63 Resp: 91613
Ion Ratio Lower Upper
63 100
65 32.9 25.6 38.4



#46
Dibromomethane
Concen: 18.275 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 93 Resp: 49743
Ion Ratio Lower Upper
93 100
95 81.1 65.4 98.2
174 87.4 70.4 105.6





#47

Bromodichloromethane

Concen: 18.269 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

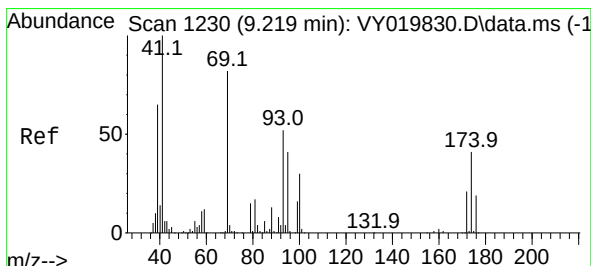
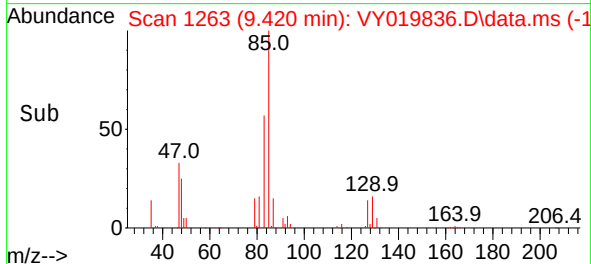
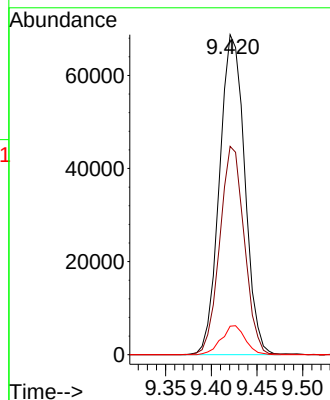
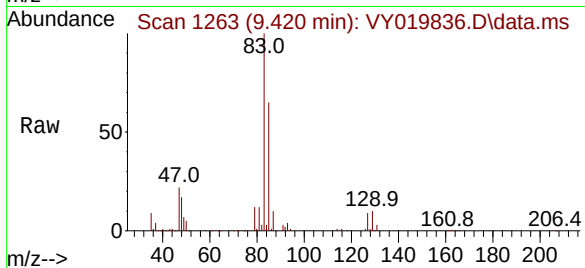
Tgt Ion: 83 Resp: 131990

Ion Ratio Lower Upper

83 100

85 65.1 50.2 75.2

127 8.9 6.3 9.5



#48

Methyl methacrylate

Concen: 18.579 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

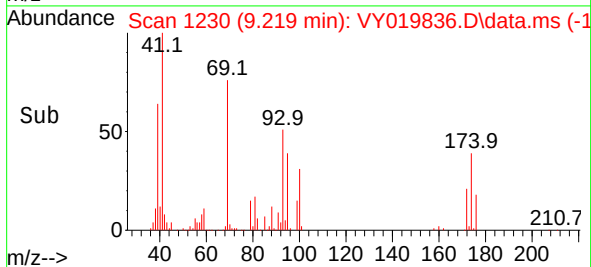
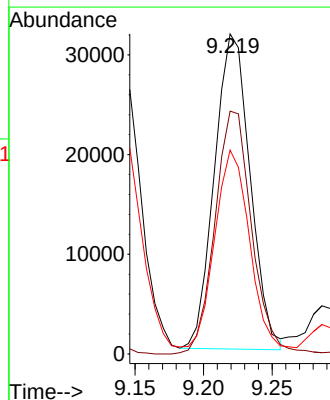
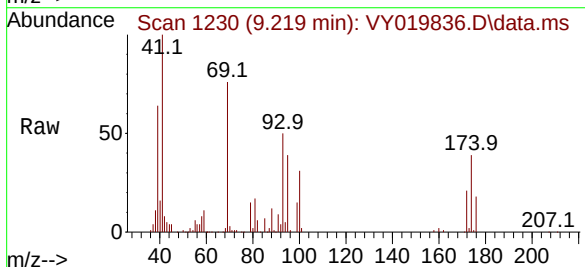
Tgt Ion: 41 Resp: 57160

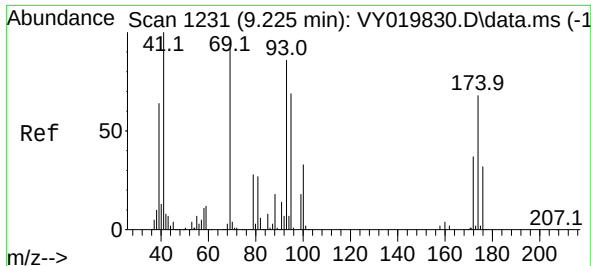
Ion Ratio Lower Upper

41 100

69 80.0 66.3 99.5

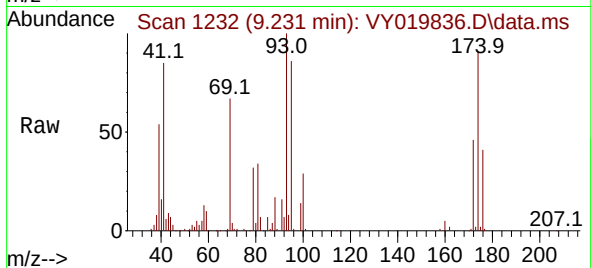
39 60.8 50.2 75.4



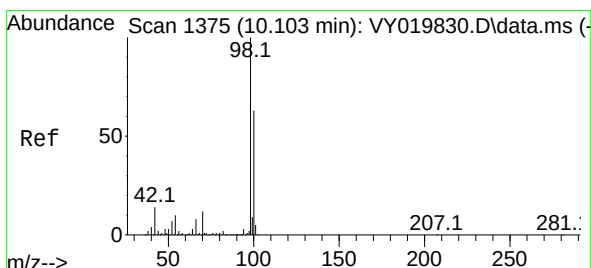
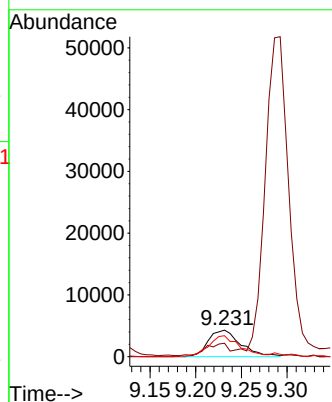
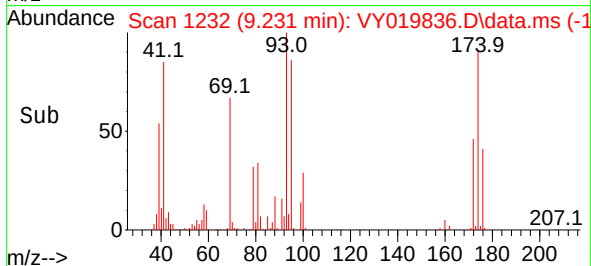


#49
1,4-Dioxane
Concen: 347.153 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Instrument :
MSVOA_Y
ClientSampleId :

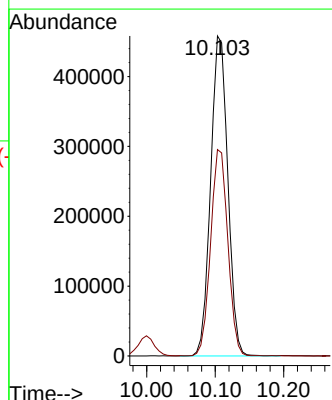
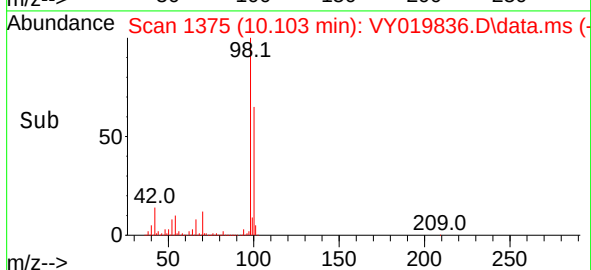
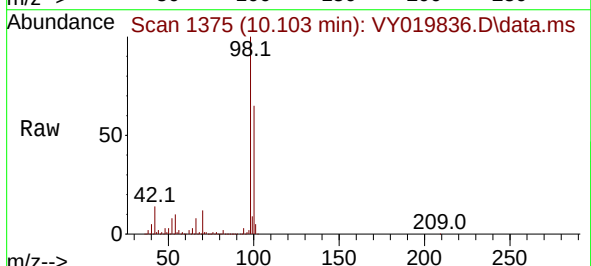


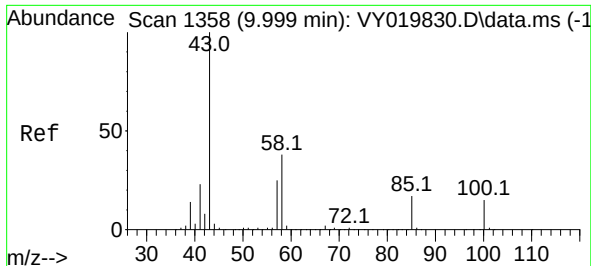
Tgt Ion: 88 Resp: 10576
Ion Ratio Lower Upper
88 100
43 33.7 28.5 42.7
58 76.6 52.6 78.8



#50
Toluene-d8
Concen: 47.295 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 98 Resp: 797334
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7

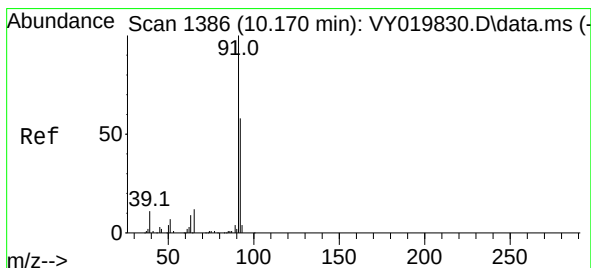
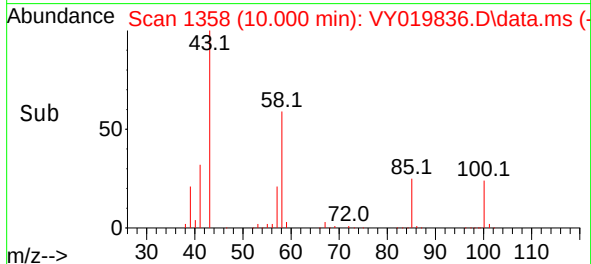
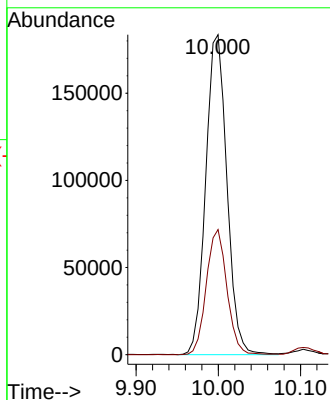
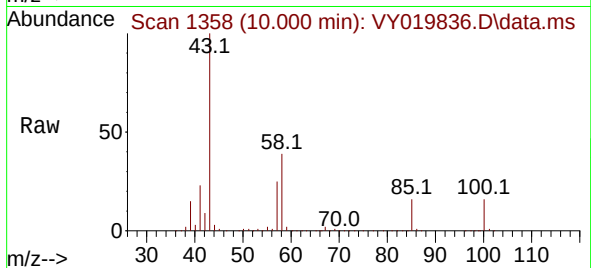




#51
4-Methyl-2-Pentanone
Concen: 92.302 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

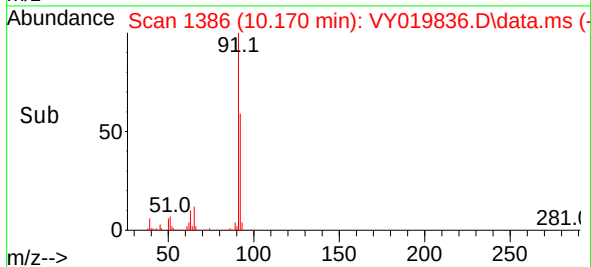
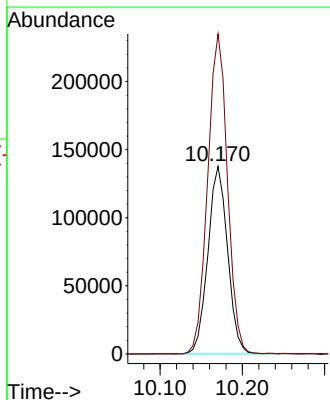
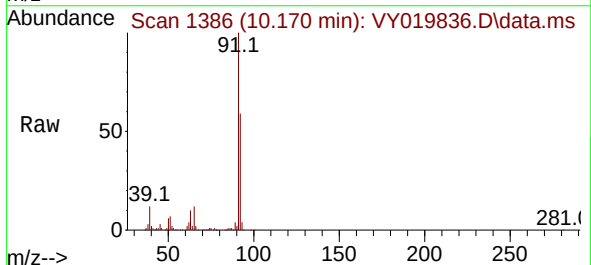
Instrument :
MSVOA_Y
ClientSampleId :

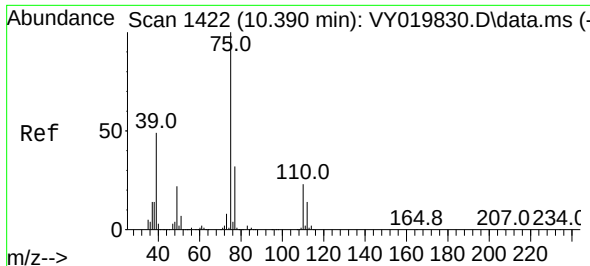
Tgt Ion: 43 Resp: 329281
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6



#52
Toluene
Concen: 18.506 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 92 Resp: 229927
Ion Ratio Lower Upper
92 100
91 171.3 139.2 208.8

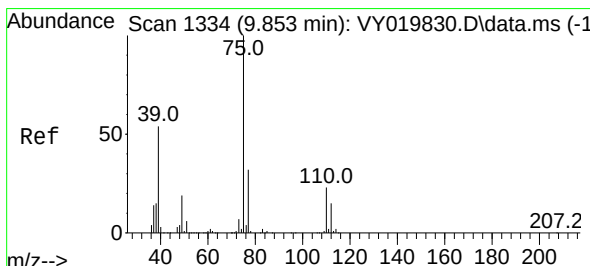
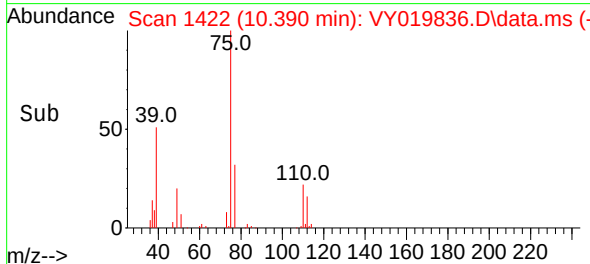
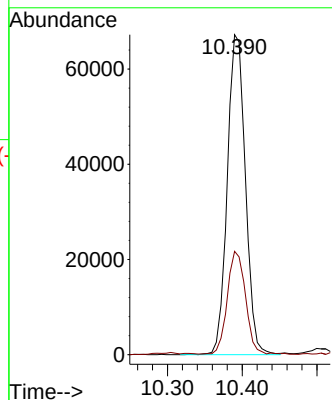
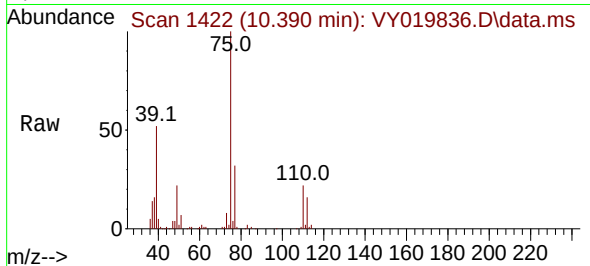




#53
t-1,3-Dichloropropene
Concen: 17.431 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

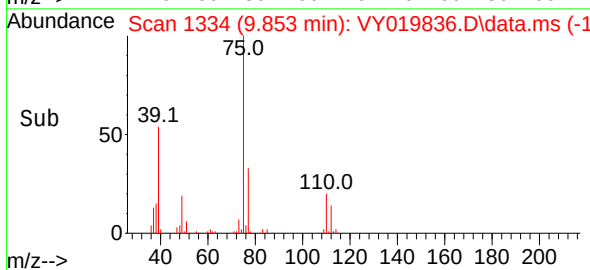
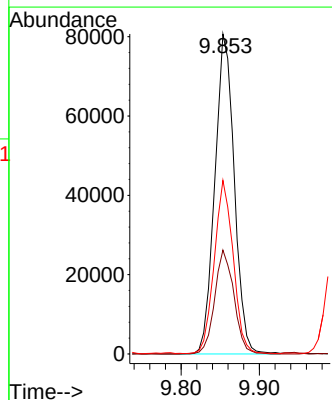
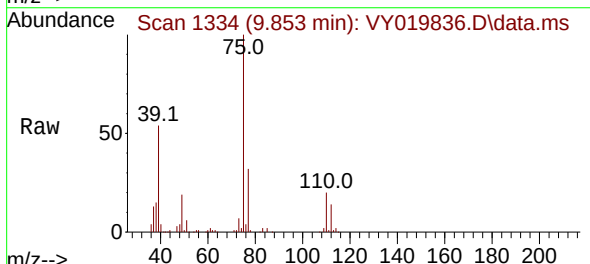
Instrument :
MSVOA_Y
ClientSampleId :

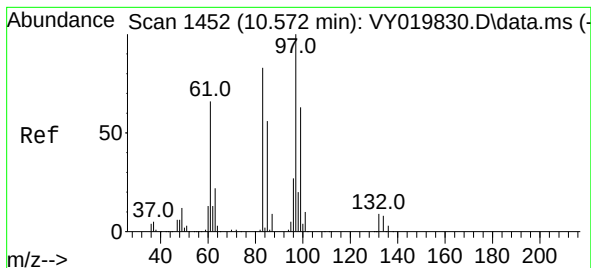
Tgt Ion: 75 Resp: 113315
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 18.180 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 75 Resp: 139451
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2
39 54.2 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 18.830 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 67528

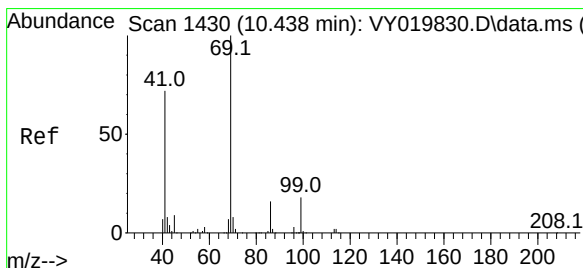
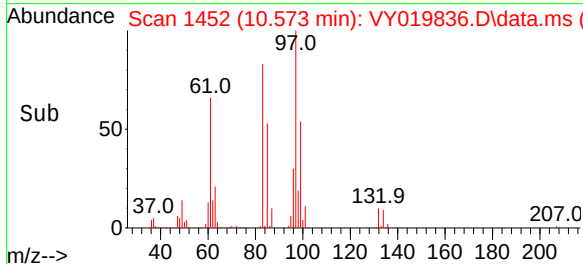
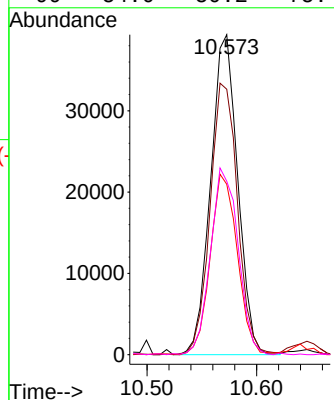
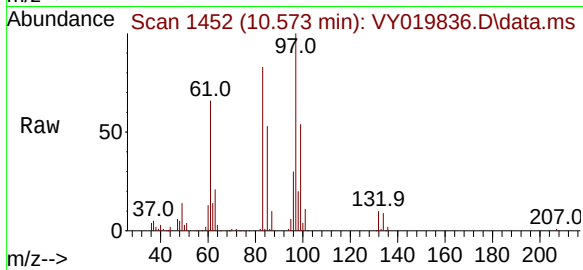
Ion Ratio Lower Upper

97 100

83 82.6 66.7 100.1

85 53.2 45.0 67.4

99 54.0 50.2 75.4



#56

Ethyl methacrylate

Concen: 18.590 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

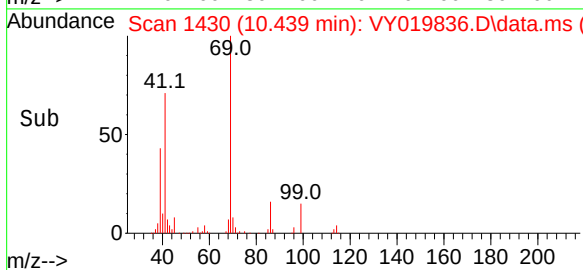
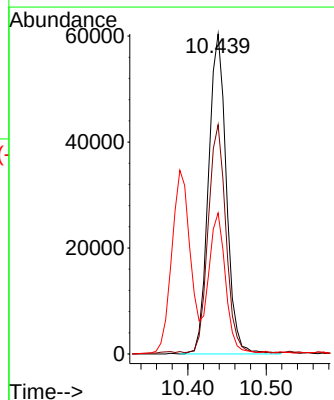
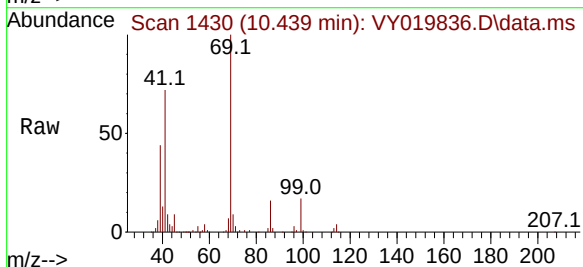
Tgt Ion: 69 Resp: 95659

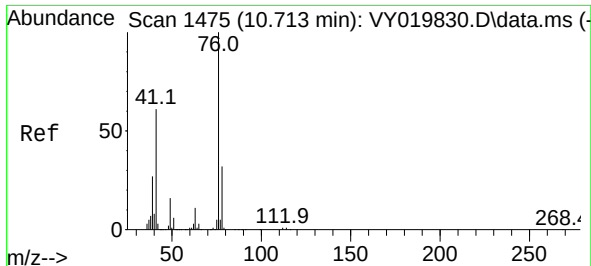
Ion Ratio Lower Upper

69 100

41 70.5 55.2 82.8

39 41.0 33.0 49.4





#57

1,3-Dichloropropane

Concen: 18.777 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

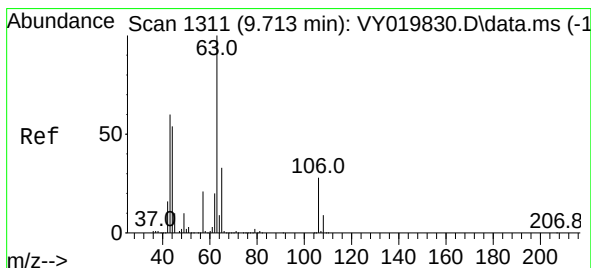
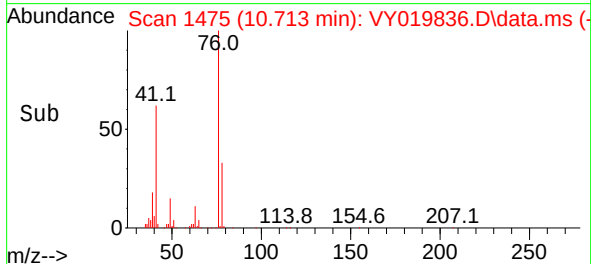
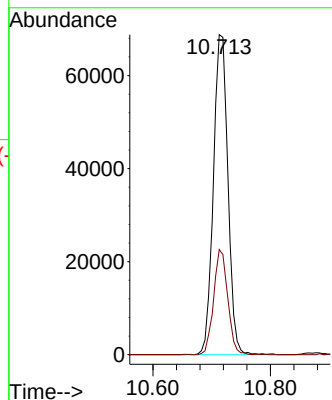
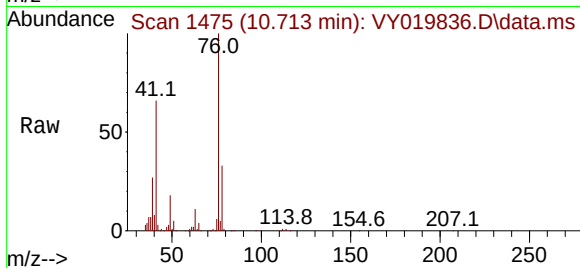
ClientSampleId :

Tgt Ion: 76 Resp: 118256

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 97.604 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019836.D

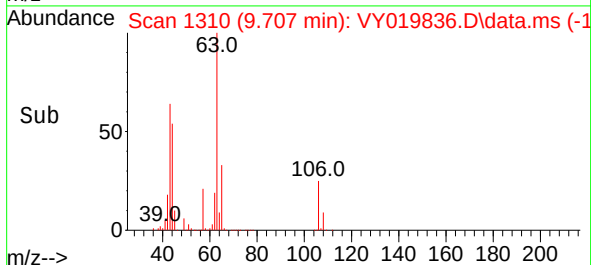
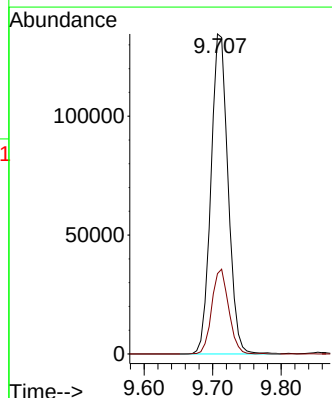
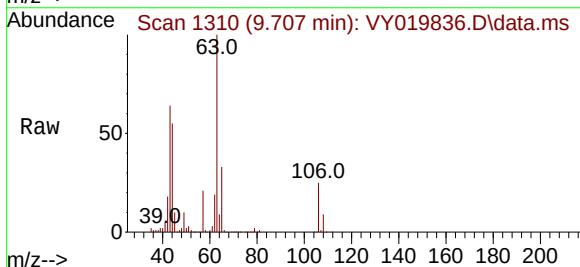
Acq: 09 Oct 2024 16:41

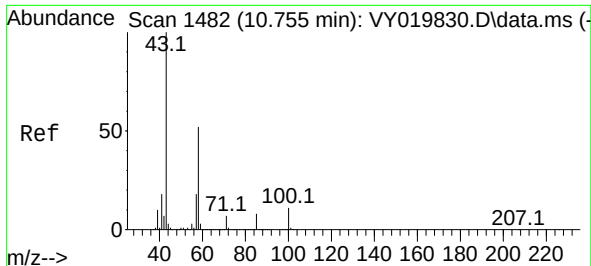
Tgt Ion: 63 Resp: 233815

Ion Ratio Lower Upper

63 100

106 26.1 21.7 32.5





#59

2-Hexanone

Concen: 88.276 ug/l

RT: 10.756 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

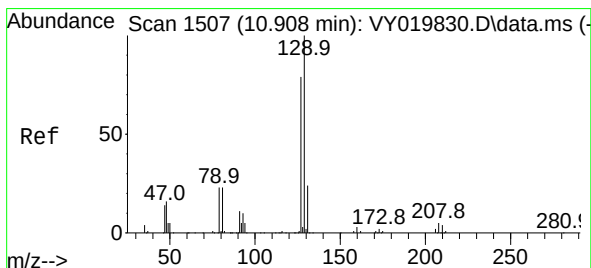
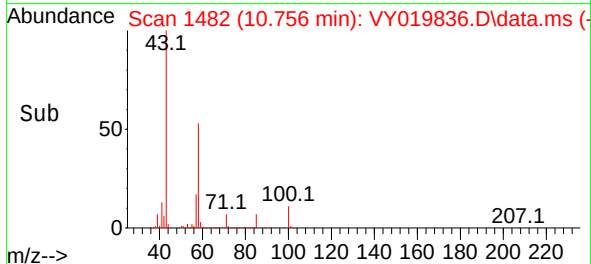
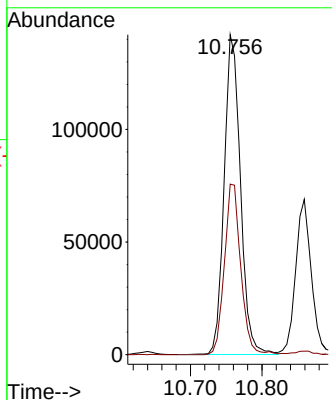
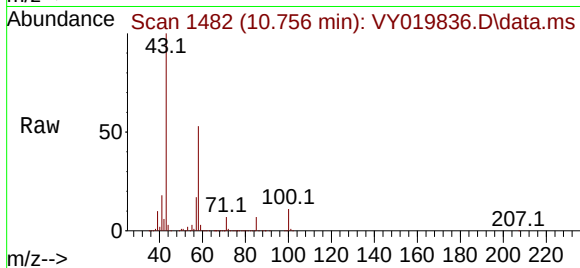
ClientSampleId :

Tgt Ion: 43 Resp: 224925

Ion Ratio Lower Upper

43 100

58 53.6 26.4 79.2



#60

Dibromochloromethane

Concen: 18.200 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019836.D

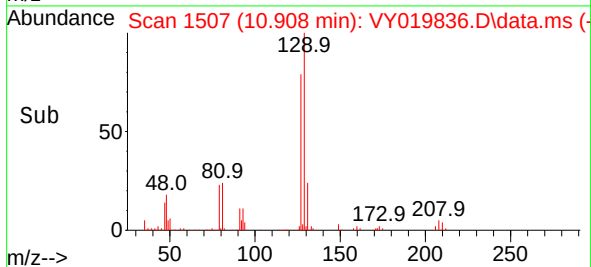
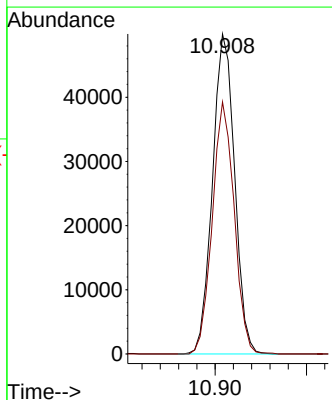
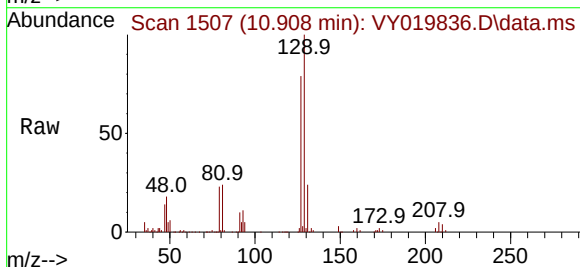
Acq: 09 Oct 2024 16:41

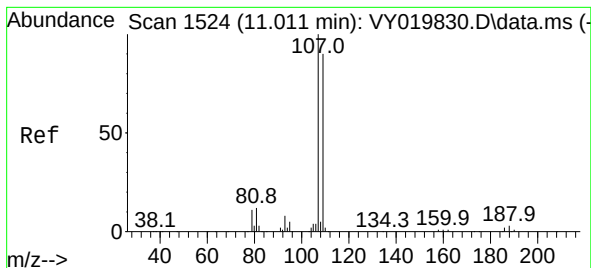
Tgt Ion: 129 Resp: 83774

Ion Ratio Lower Upper

129 100

127 77.9 39.5 118.5

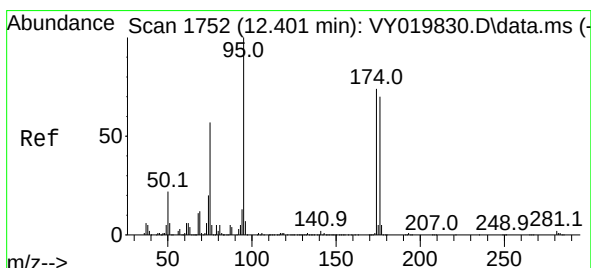
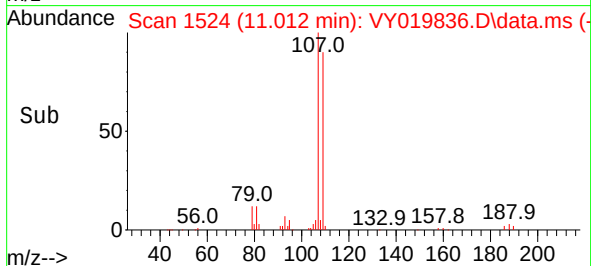
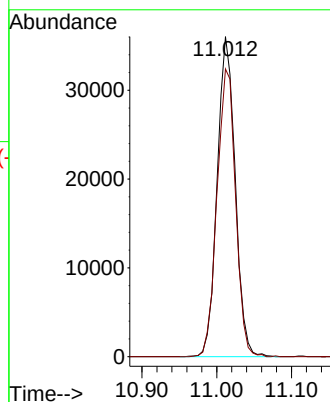
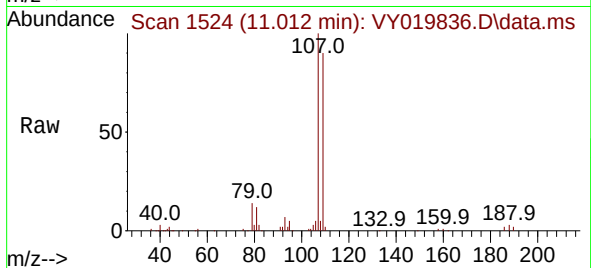




#61
1,2-Dibromoethane
Concen: 18.678 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

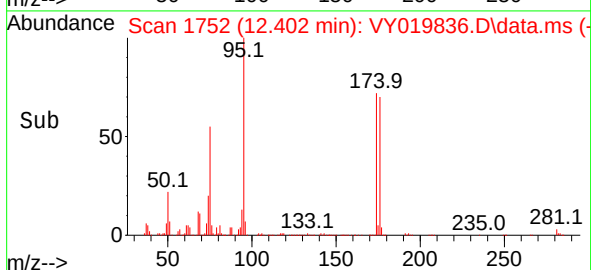
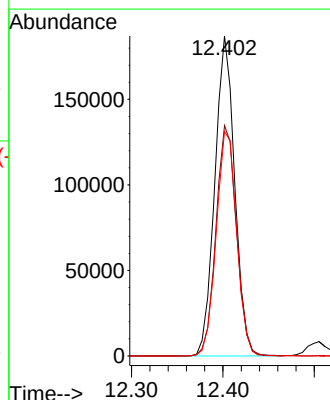
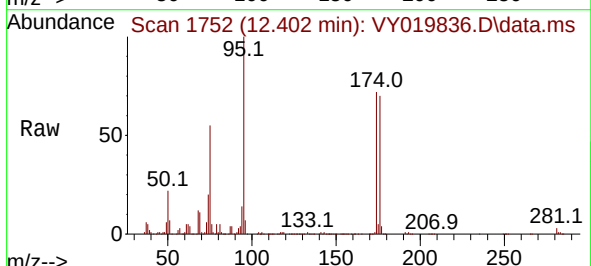
Instrument :
MSVOA_Y
ClientSampleId :

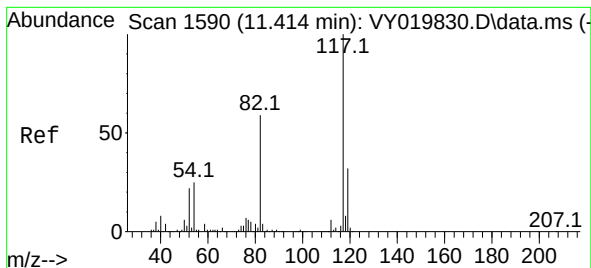
Tgt Ion:107 Resp: 60530
Ion Ratio Lower Upper
107 100
109 92.7 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 46.276 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 95 Resp: 281888
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 72.2 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

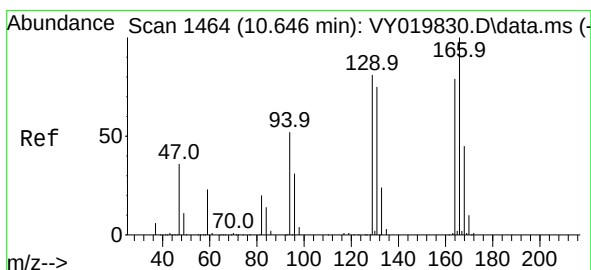
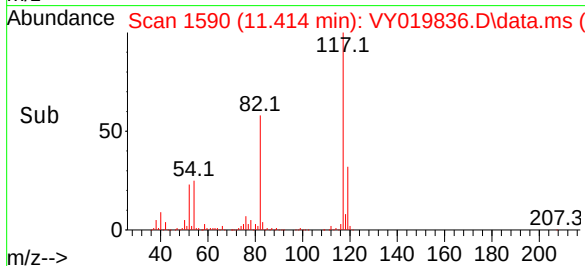
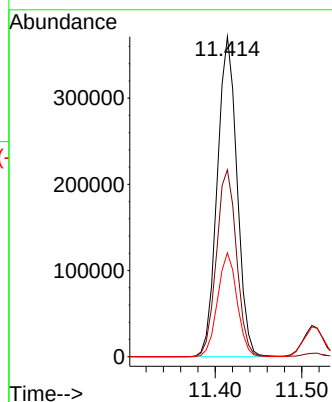
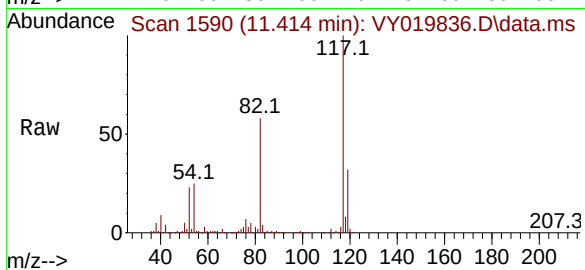
Tgt Ion:117 Resp: 587903

Ion Ratio Lower Upper

117 100

82 58.4 46.9 70.3

119 32.5 25.4 38.2



#64

Tetrachloroethene

Concen: 18.455 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Tgt Ion:164 Resp: 77172

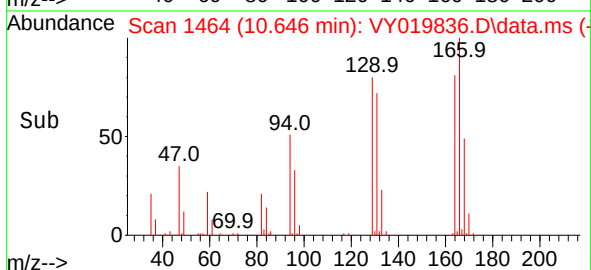
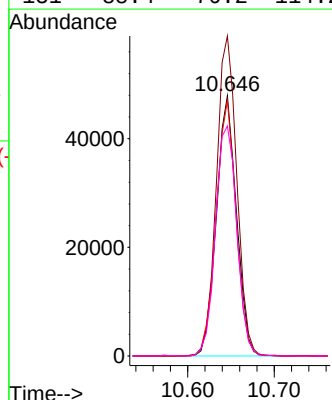
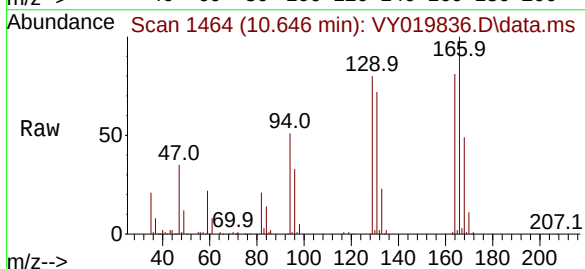
Ion Ratio Lower Upper

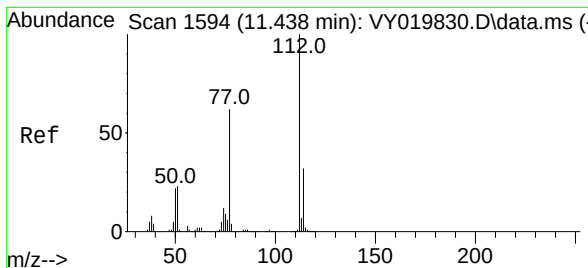
164 100

166 123.0 101.0 151.6

129 98.2 81.4 122.2

131 88.4 76.2 114.2

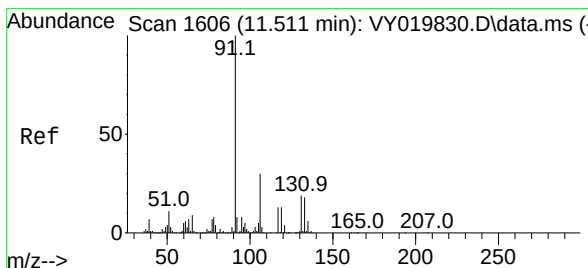
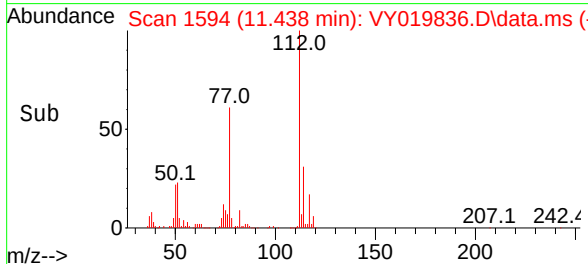
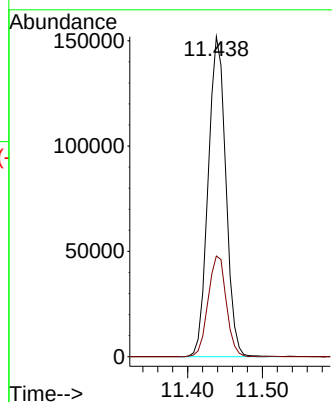
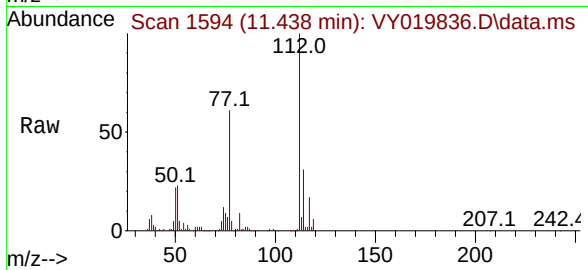




#65
Chlorobenzene
Concen: 18.499 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

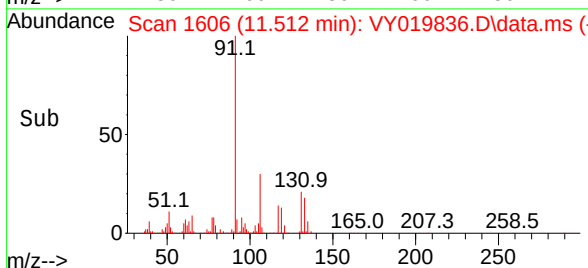
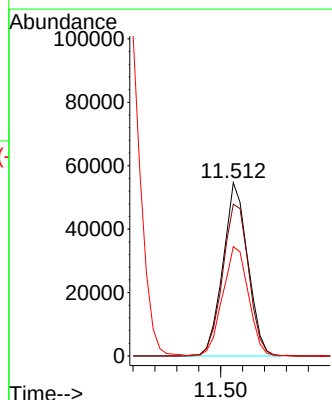
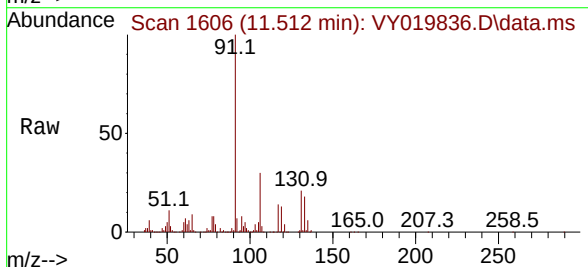
Instrument :
MSVOA_Y
ClientSampleId :

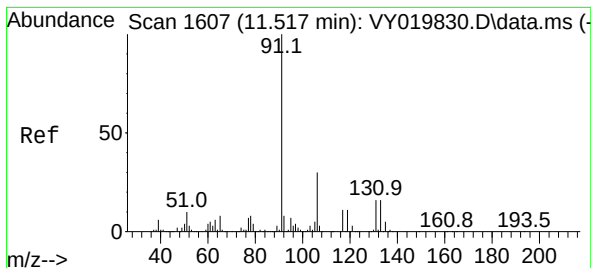
Tgt Ion:112 Resp: 248748
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.862 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion:131 Resp: 85812
Ion Ratio Lower Upper
131 100
133 92.5 48.0 144.0
119 65.9 33.4 100.1





#67

Ethyl Benzene

Concen: 18.502 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

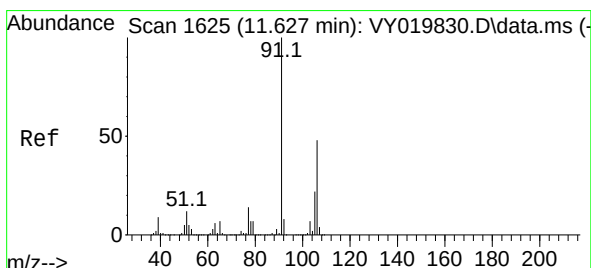
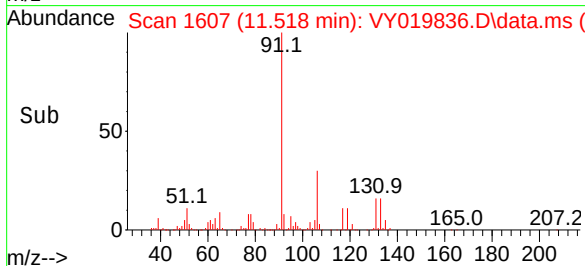
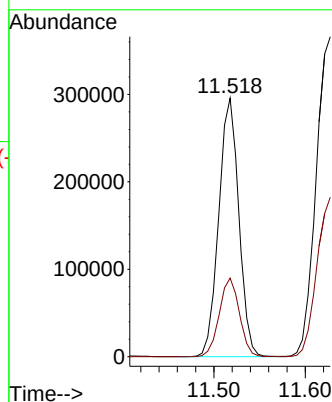
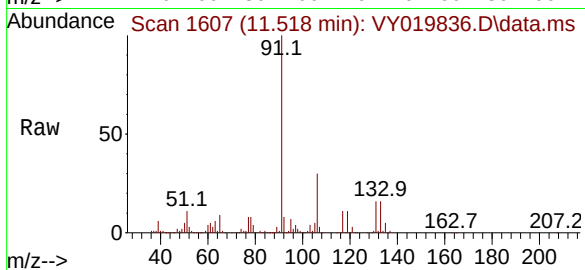
ClientSampleId :

Tgt Ion: 91 Resp: 451939

Ion Ratio Lower Upper

91 100

106 30.4 23.7 35.5



#68

m/p-Xylenes

Concen: 36.640 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019836.D

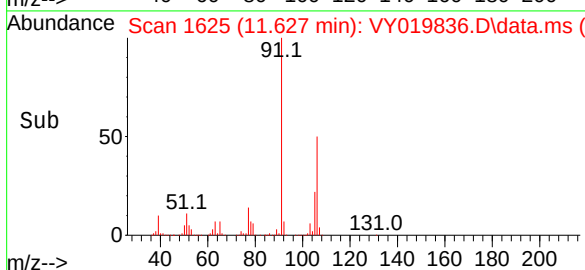
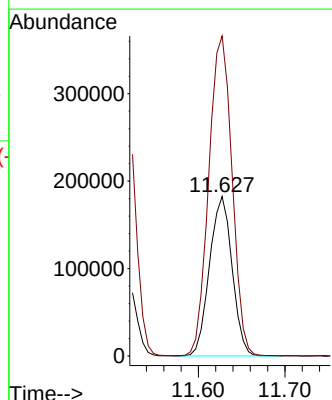
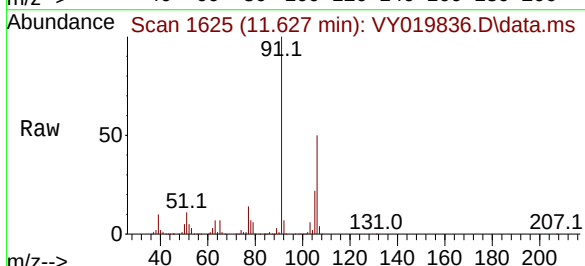
Acq: 09 Oct 2024 16:41

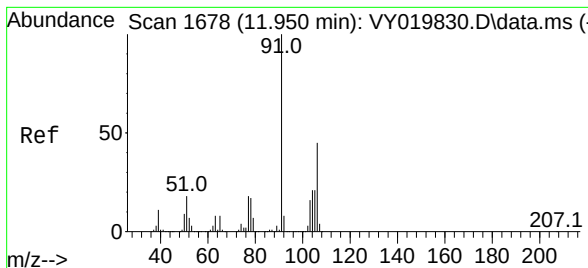
Tgt Ion:106 Resp: 330543

Ion Ratio Lower Upper

106 100

91 206.6 165.7 248.5

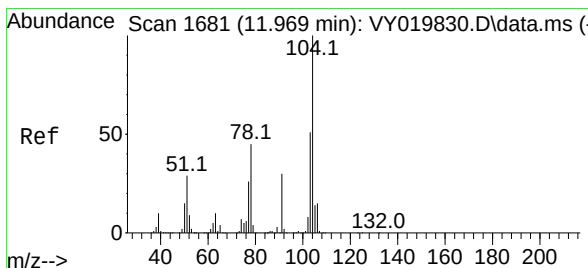
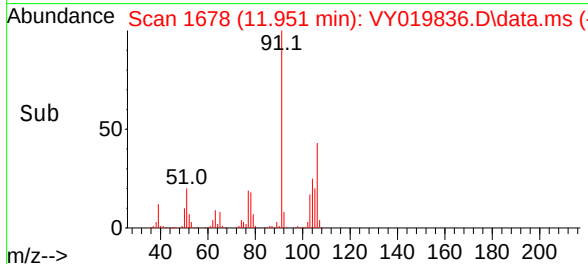
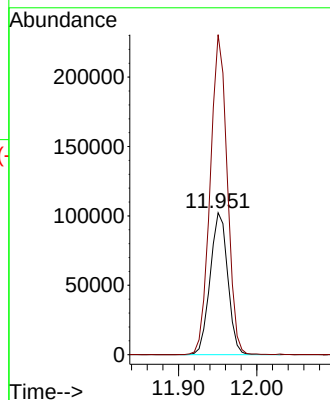
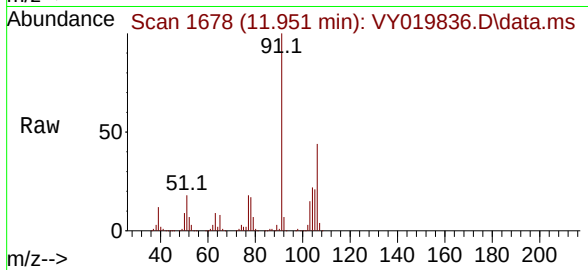




#69
o-Xylene
Concen: 18.395 ug/l
RT: 11.951 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

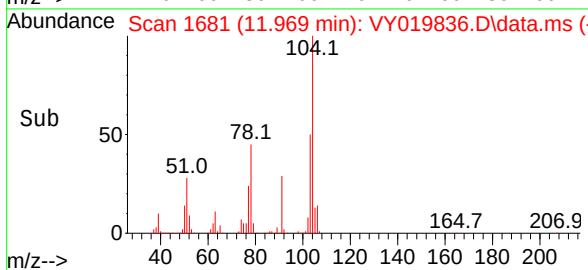
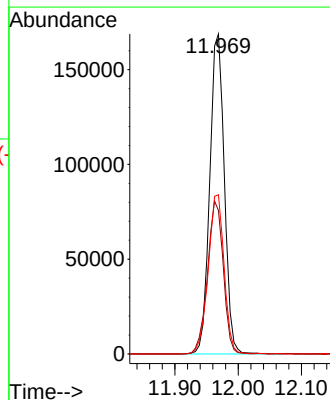
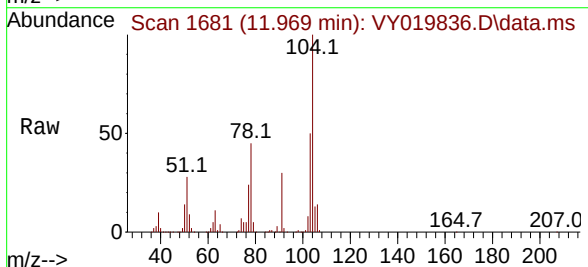
Instrument :
MSVOA_Y
ClientSampleId :

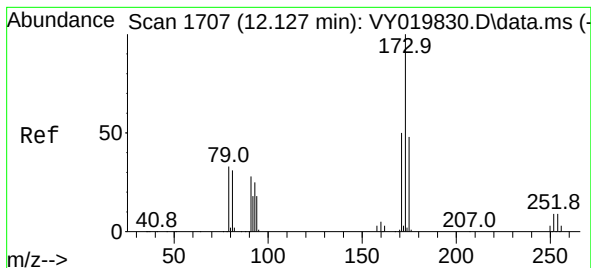
Tgt Ion:106 Resp: 159442
Ion Ratio Lower Upper
106 100
91 218.6 109.5 328.4



#70
Styrene
Concen: 18.501 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion:104 Resp: 270557
Ion Ratio Lower Upper
104 100
78 52.0 41.9 62.9
103 54.2 43.7 65.5





#71

Bromoform

Concen: 18.278 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

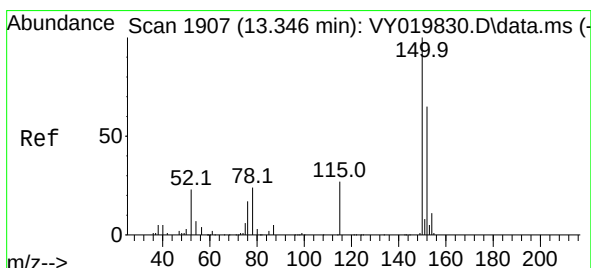
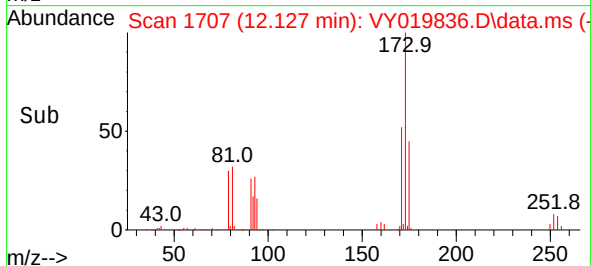
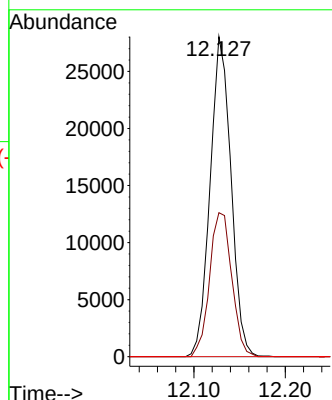
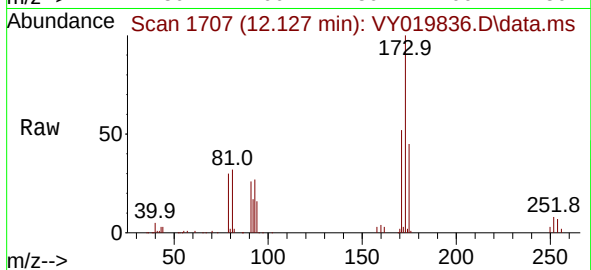
Tgt Ion:173 Resp: 44515

Ion Ratio Lower Upper

173 100

175 47.8 23.6 71.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

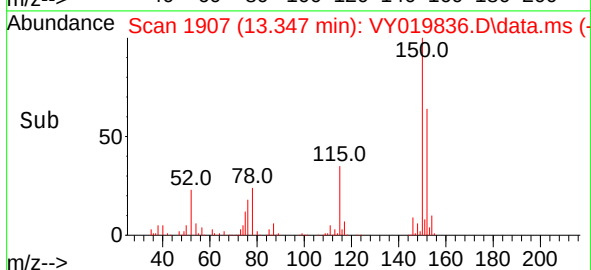
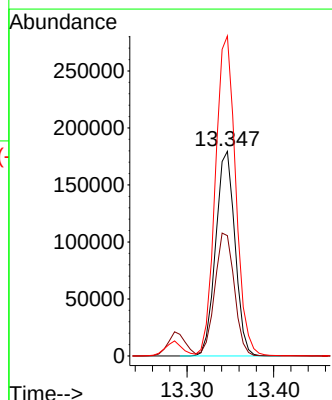
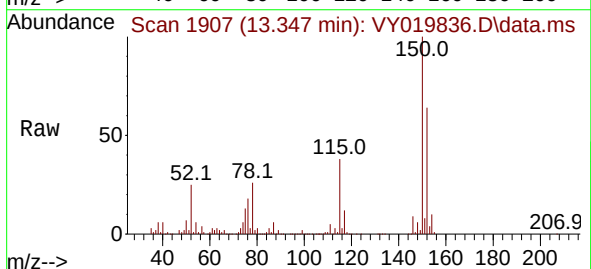
Tgt Ion:152 Resp: 277414

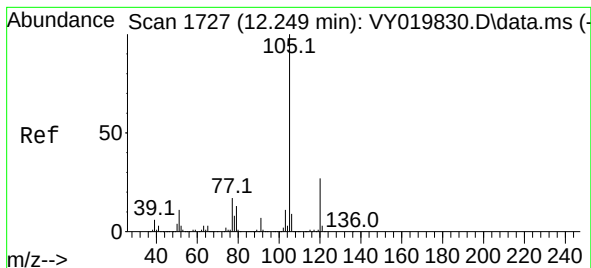
Ion Ratio Lower Upper

152 100

115 60.8 30.8 92.3

150 164.2 0.0 352.8





#73

Isopropylbenzene

Concen: 18.315 ug/l

RT: 12.249 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

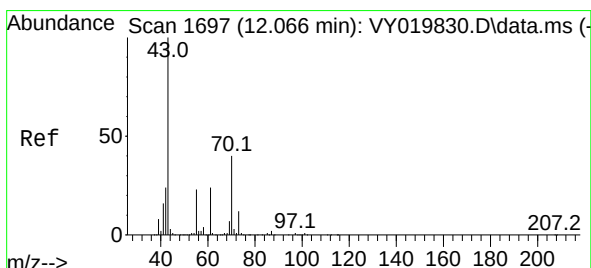
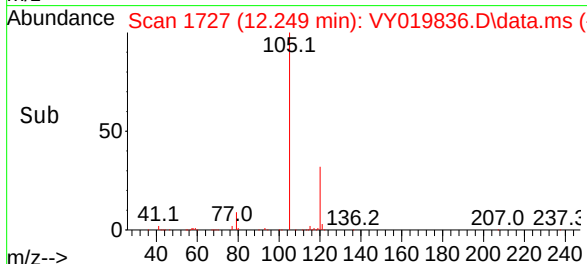
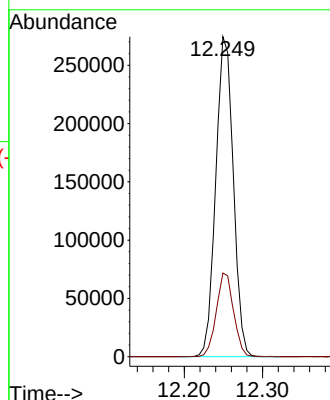
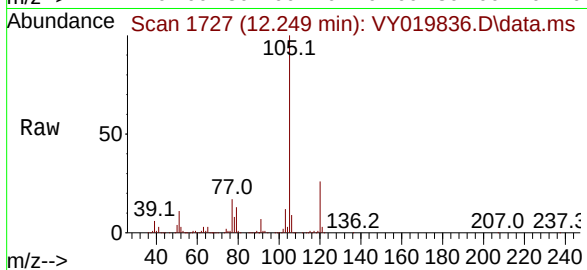
ClientSampleId :

Tgt Ion:105 Resp: 427375

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



#74

N-ethyl acetate

Concen: 17.960 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Tgt Ion: 43 Resp: 110994

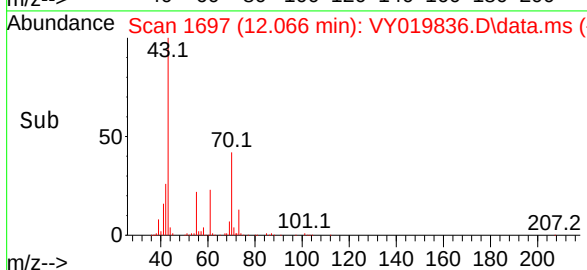
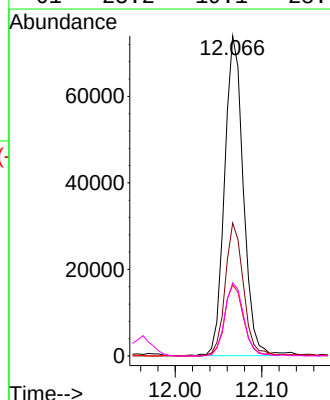
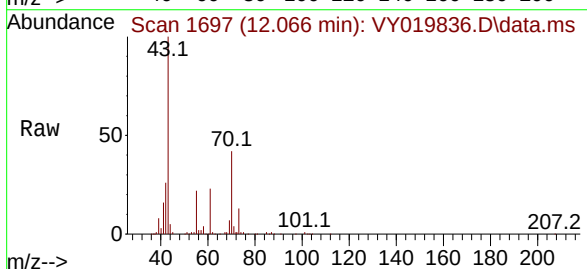
Ion Ratio Lower Upper

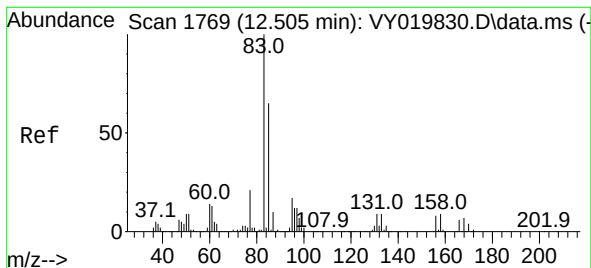
43 100

70 40.9 32.8 49.2

55 23.1 19.3 28.9

61 23.2 19.1 28.7

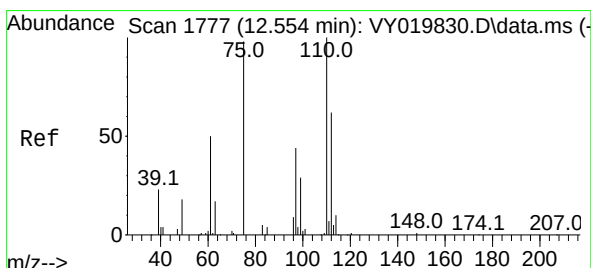
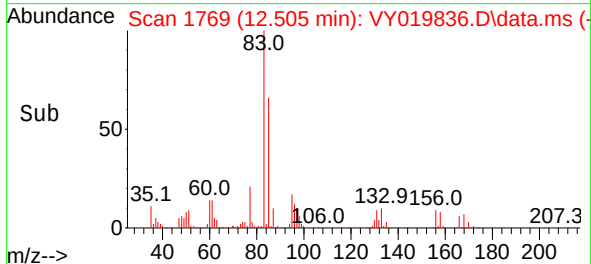
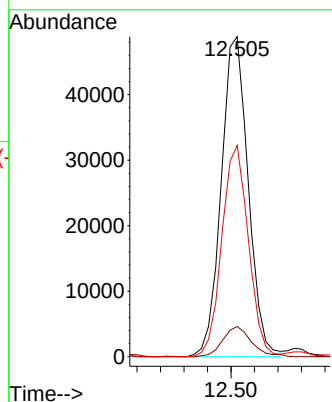
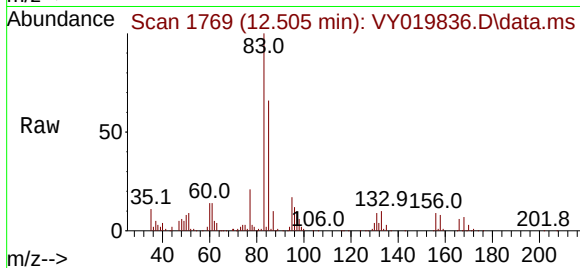




#75
1,1,2,2-Tetrachloroethane
Concen: 18.827 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

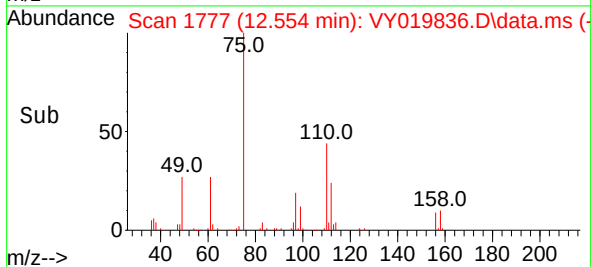
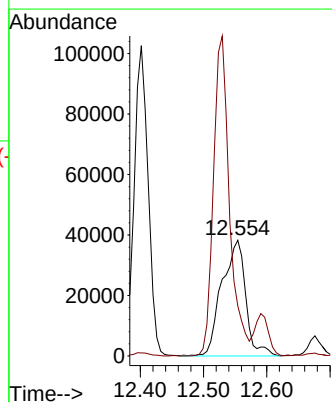
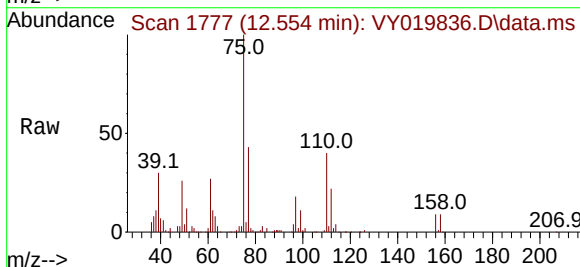
Instrument :
MSVOA_Y
ClientSampleId :

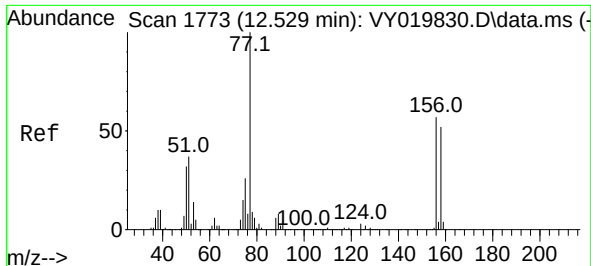
Tgt Ion: 83 Resp: 78059
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 64.8 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 34.787 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 75 Resp: 100488
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

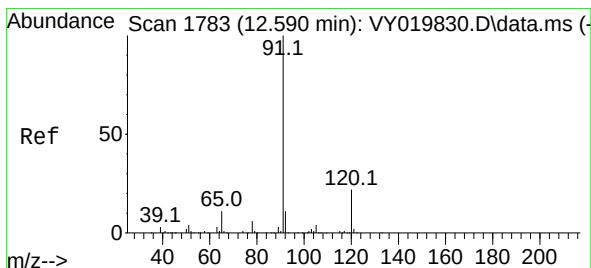
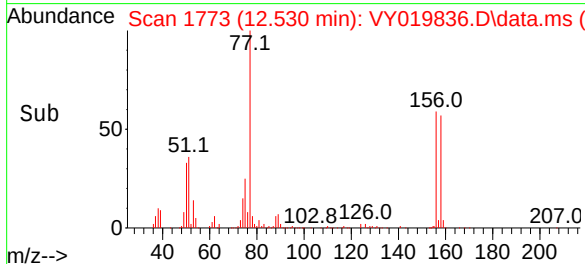
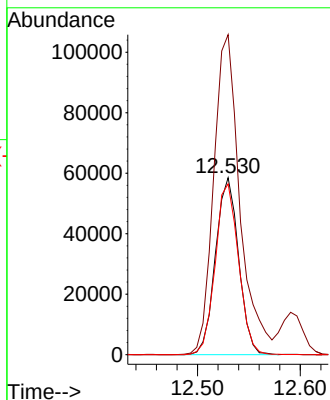
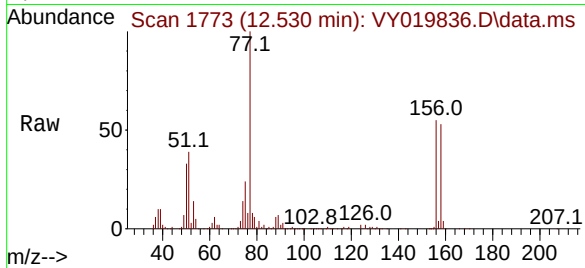




#77
Bromobenzene
Concen: 18.429 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

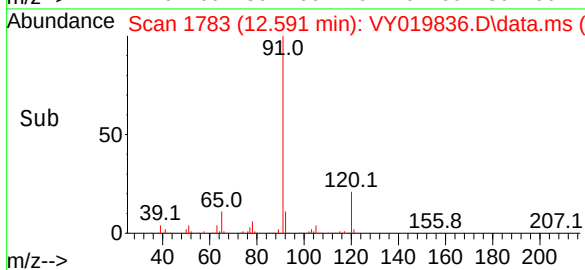
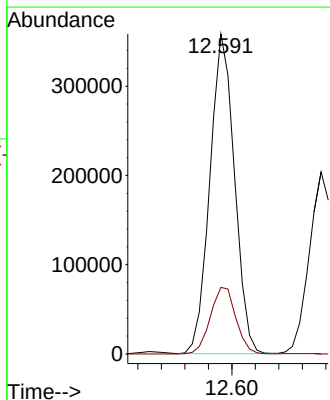
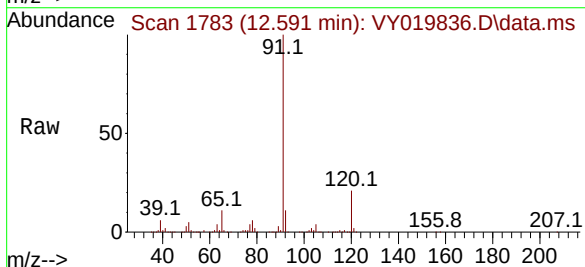
Instrument :
MSVOA_Y
ClientSampleId :

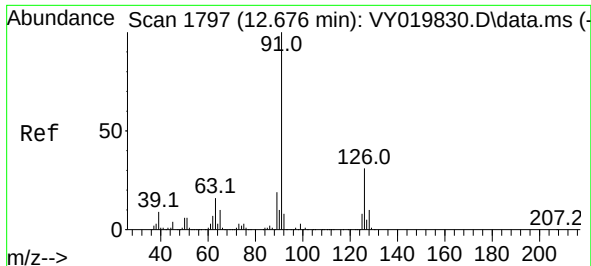
Tgt Ion:156 Resp: 91256
Ion Ratio Lower Upper
156 100
77 205.3 101.3 303.9
158 97.5 47.9 143.6



#78
n-propylbenzene
Concen: 18.488 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 91 Resp: 521277
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





#79

2-Chlorotoluene

Concen: 18.478 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

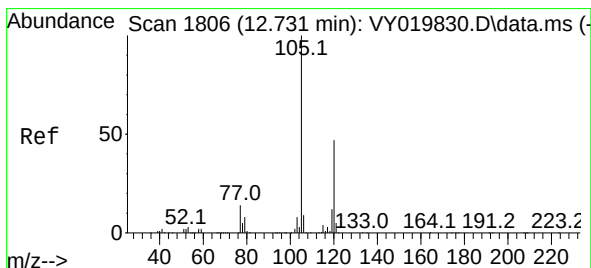
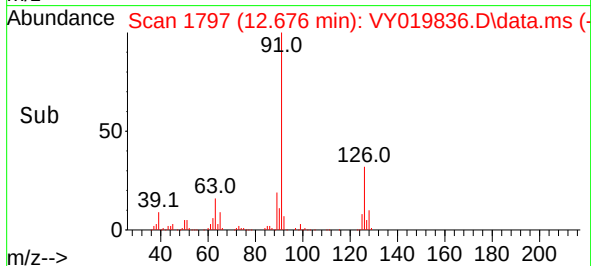
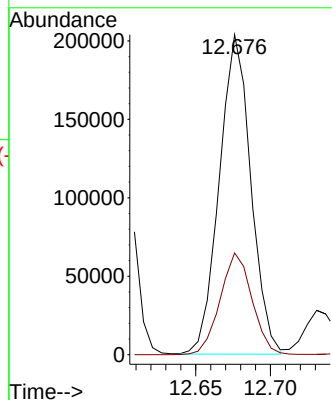
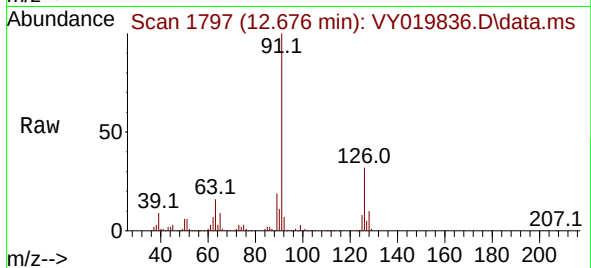
ClientSampleId :

Tgt Ion: 91 Resp: 298686

Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 18.248 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY019836.D

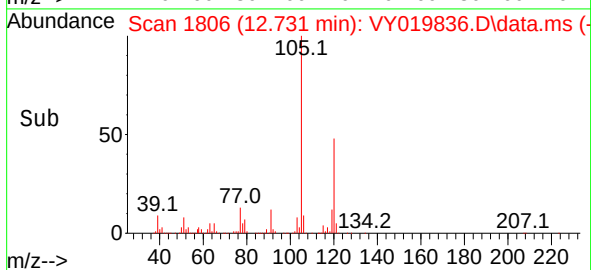
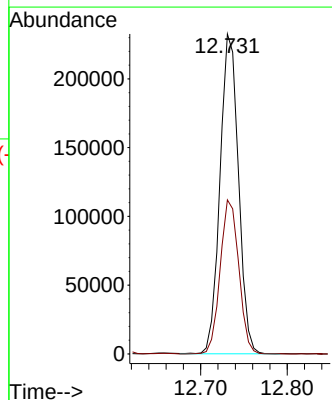
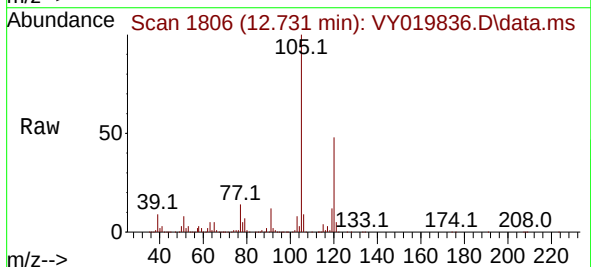
Acq: 09 Oct 2024 16:41

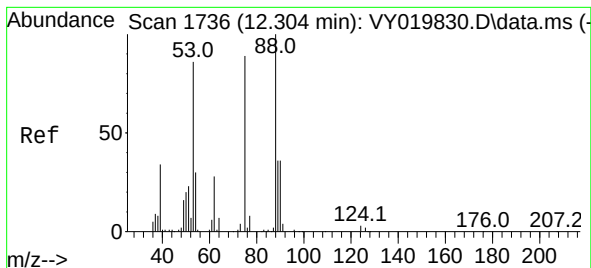
Tgt Ion:105 Resp: 343864

Ion Ratio Lower Upper

105 100

120 48.6 23.8 71.5

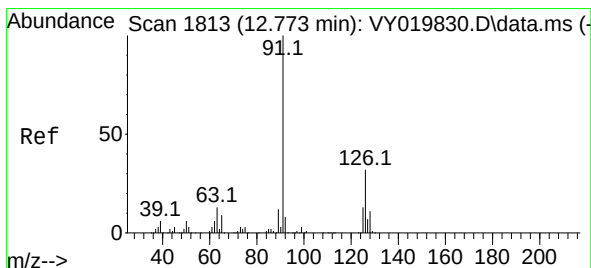
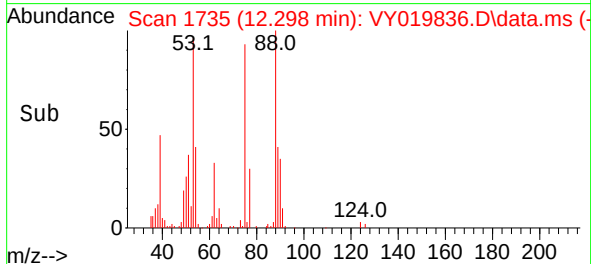
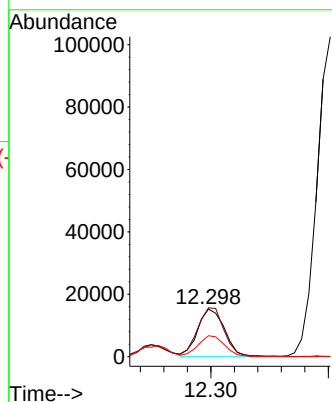
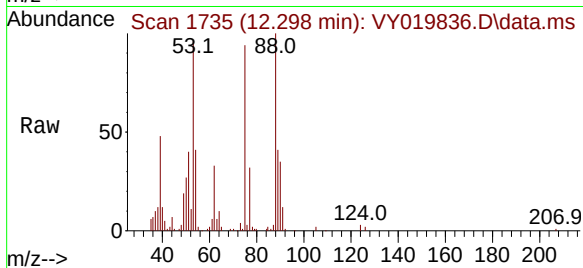




#81
trans-1,4-Dichloro-2-butene
Concen: 17.761 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

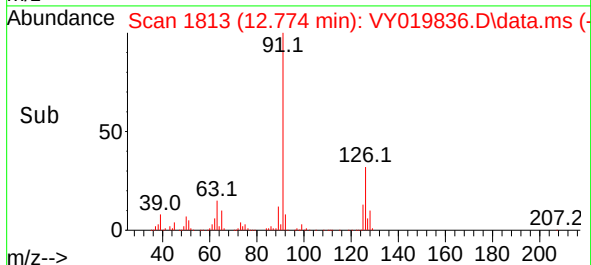
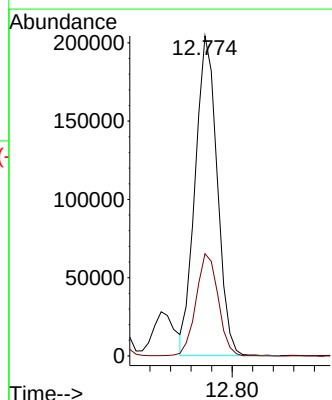
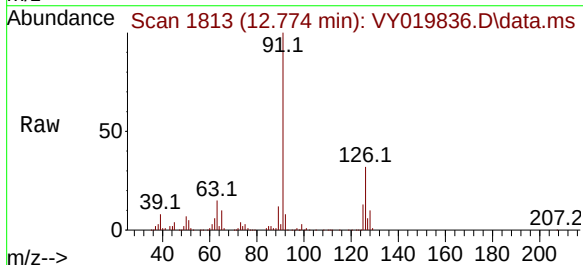
Instrument :
MSVOA_Y
ClientSampleId :

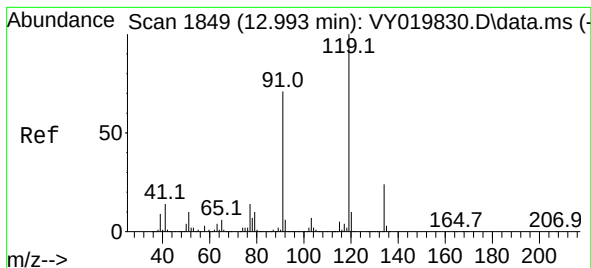
Tgt Ion: 75 Resp: 23913
Ion Ratio Lower Upper
75 100
53 104.0 84.7 127.1
89 43.9 35.4 53.2



#82
4-Chlorotoluene
Concen: 18.368 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY019836.D
Acq: 09 Oct 2024 16:41

Tgt Ion: 91 Resp: 303579
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.3





#83

tert-Butylbenzene

Concen: 18.231 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

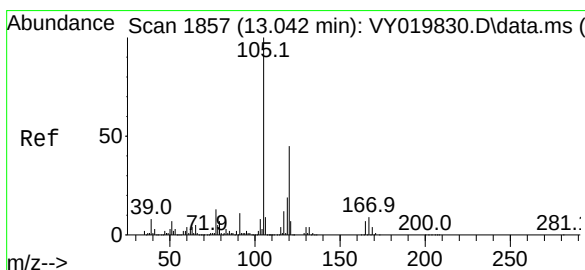
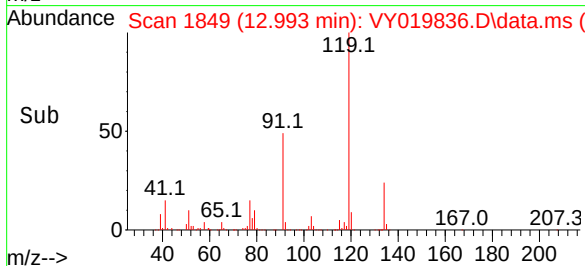
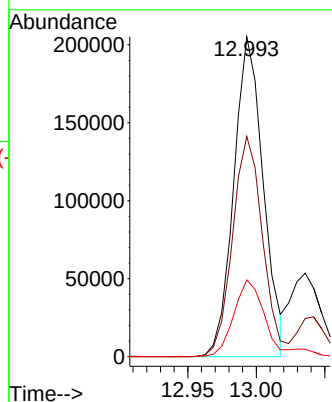
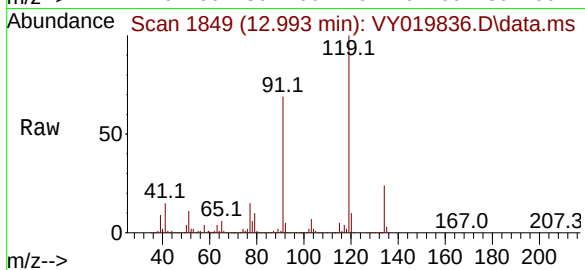
Tgt Ion:119 Resp: 307778

Ion Ratio Lower Upper

119 100

91 70.2 34.6 103.8

134 26.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 18.642 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019836.D

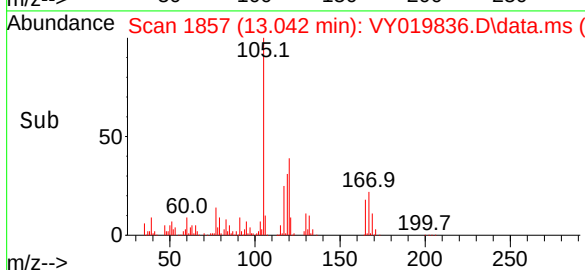
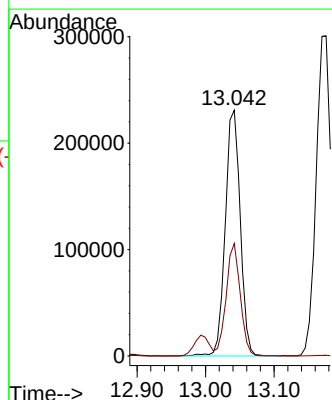
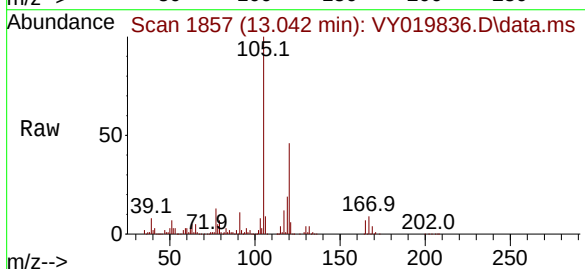
Acq: 09 Oct 2024 16:41

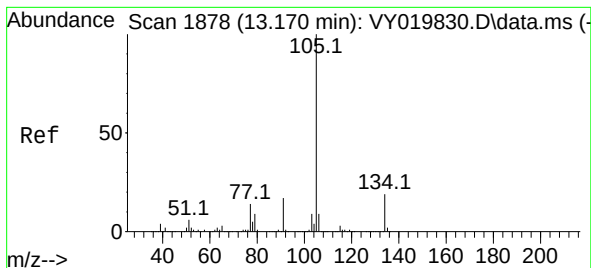
Tgt Ion:105 Resp: 348291

Ion Ratio Lower Upper

105 100

120 43.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 18.314 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

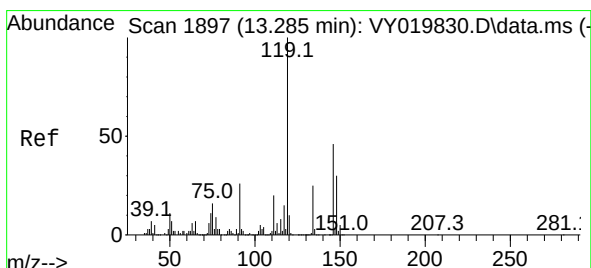
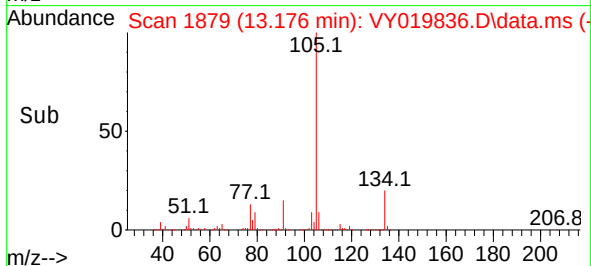
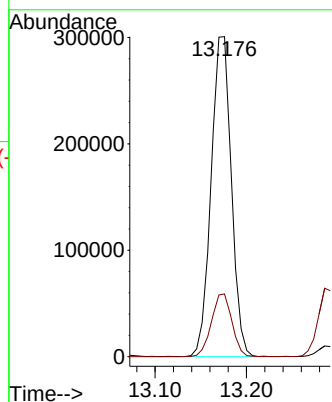
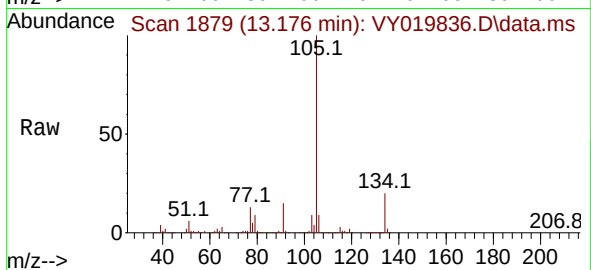
ClientSampleId :

Tgt Ion:105 Resp: 461921

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.429 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

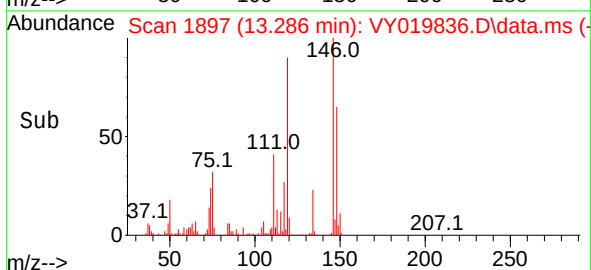
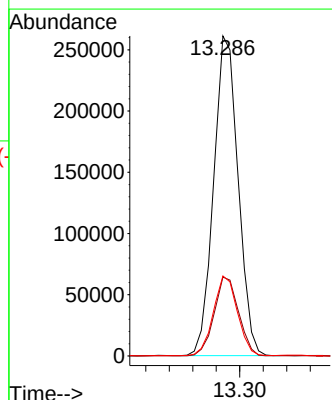
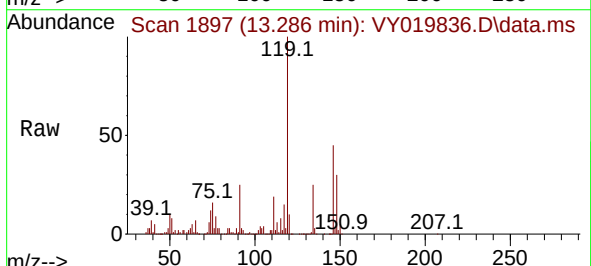
Tgt Ion:119 Resp: 377442

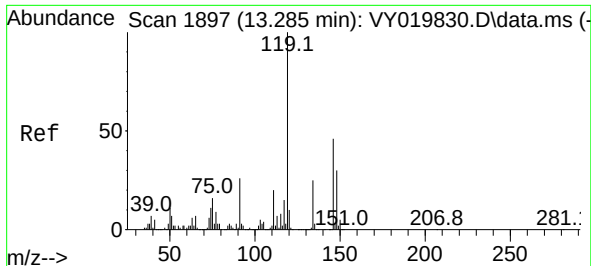
Ion Ratio Lower Upper

119 100

134 24.7 12.8 38.3

91 24.7 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 18.028 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

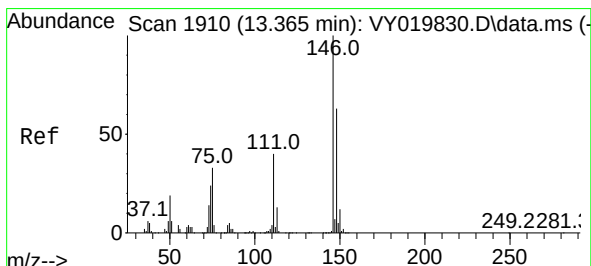
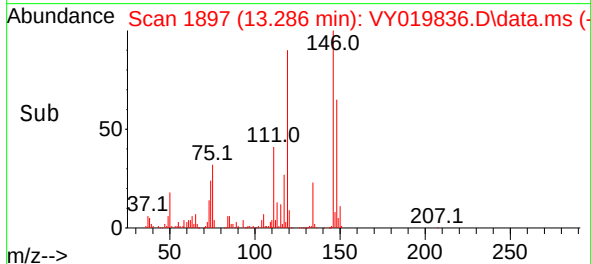
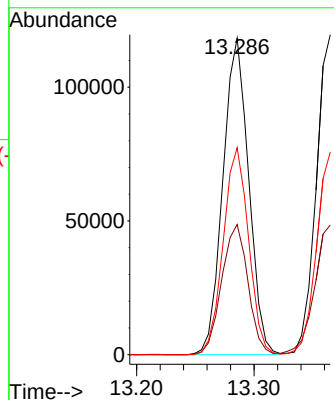
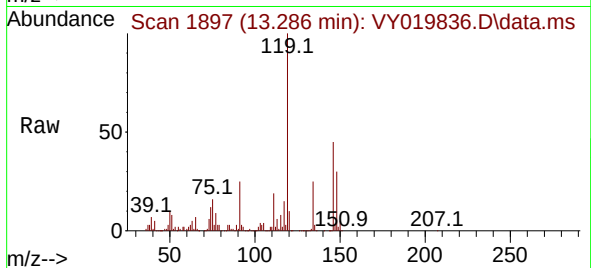
Tgt Ion:146 Resp: 180275

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.1

148 64.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 18.237 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

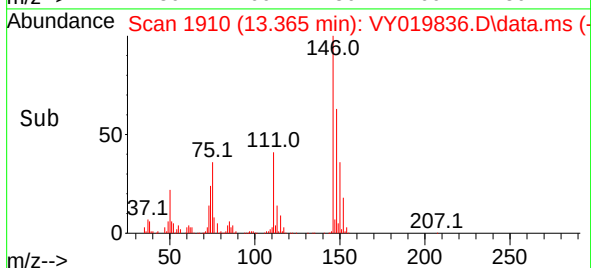
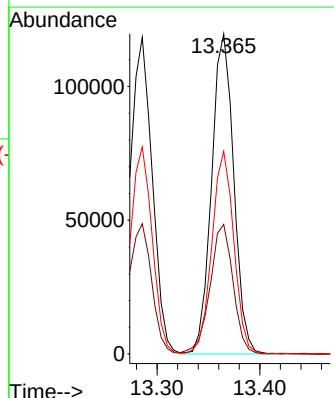
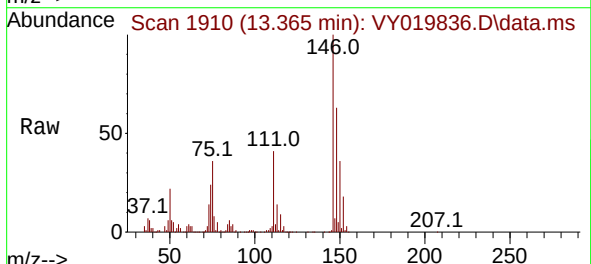
Tgt Ion:146 Resp: 179153

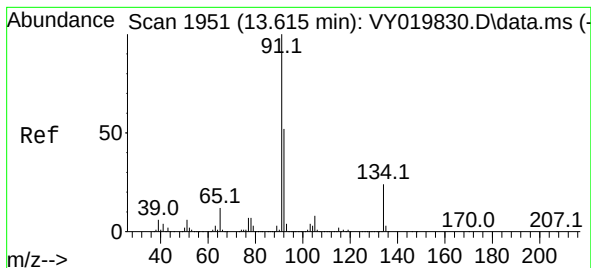
Ion Ratio Lower Upper

146 100

111 42.0 20.3 61.0

148 62.7 32.0 96.0





#89

n-Butylbenzene

Concen: 18.322 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

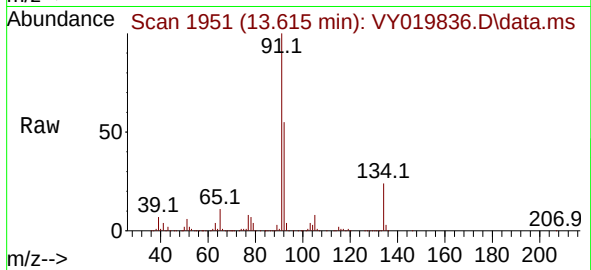
Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :



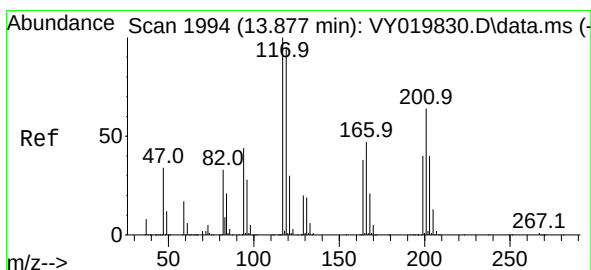
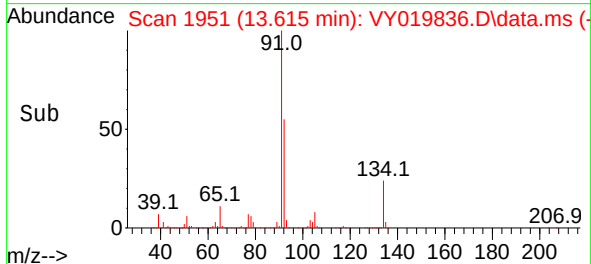
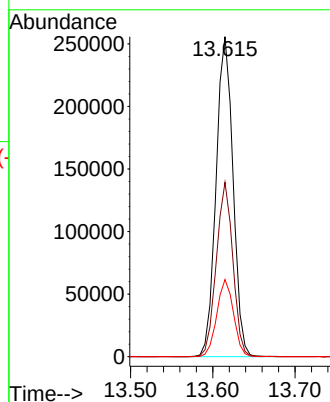
Tgt Ion: 91 Resp: 366419

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.4

134 23.8 12.0 36.1



#90

Hexachloroethane

Concen: 18.009 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019836.D

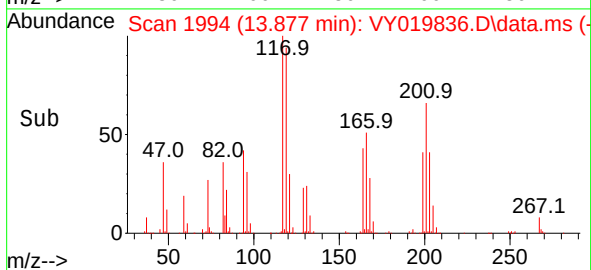
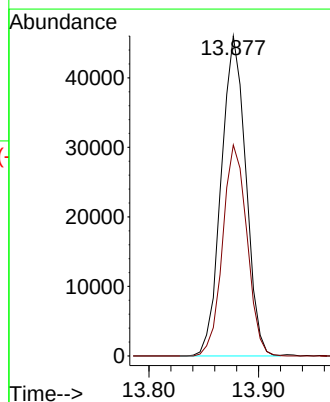
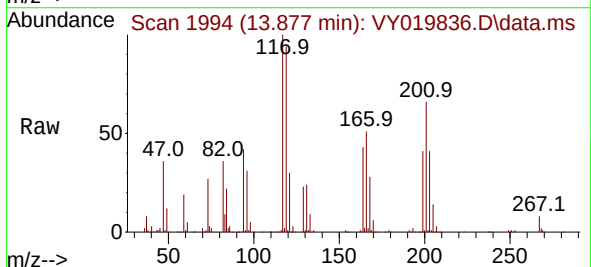
Acq: 09 Oct 2024 16:41

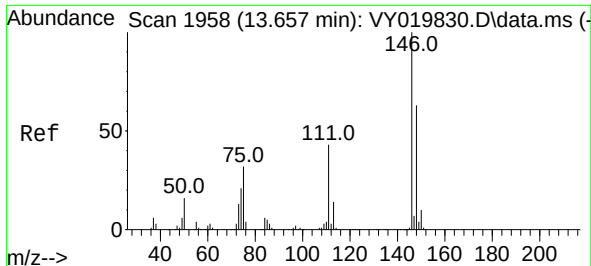
Tgt Ion: 117 Resp: 71824

Ion Ratio Lower Upper

117 100

201 65.1 33.1 99.5





#91

1,2-Dichlorobenzene

Concen: 18.142 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

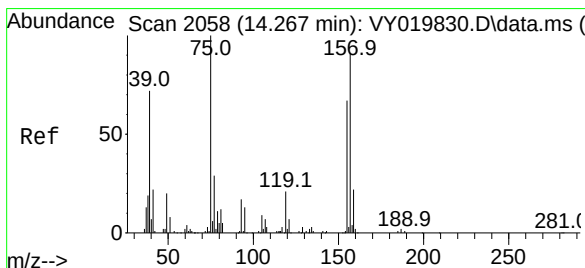
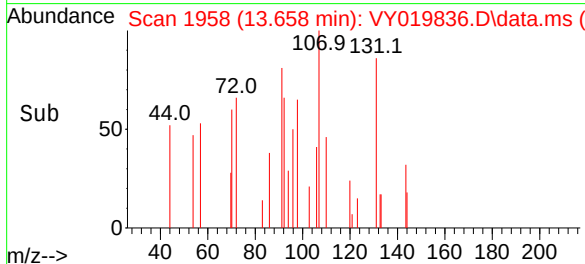
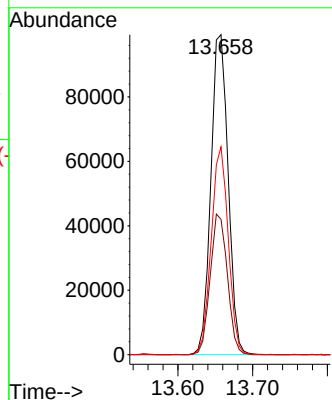
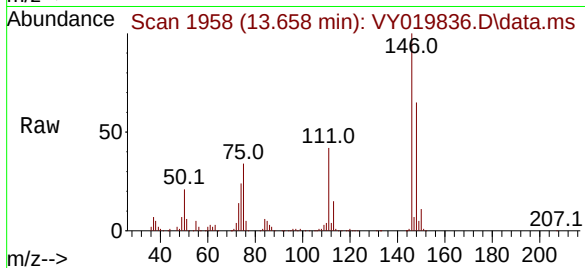
Tgt Ion:146 Resp: 159400

Ion Ratio Lower Upper

146 100

111 43.7 21.8 65.3

148 64.0 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.465 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

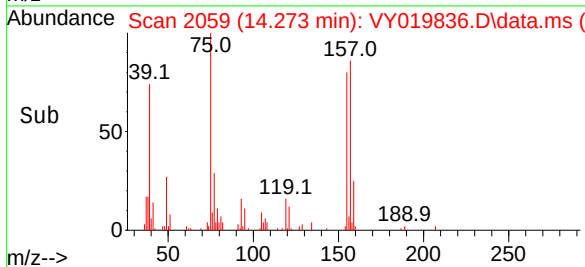
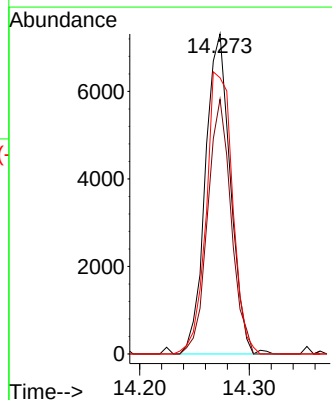
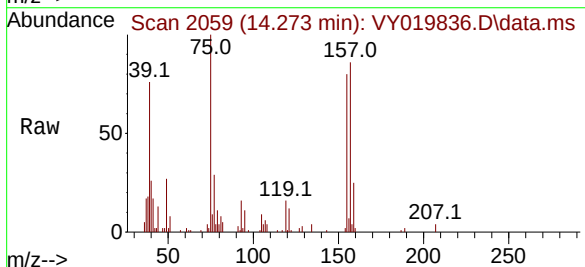
Tgt Ion: 75 Resp: 11557

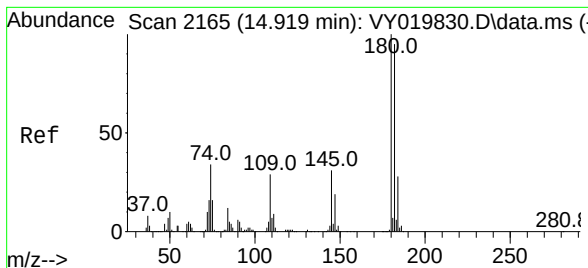
Ion Ratio Lower Upper

75 100

155 75.3 38.5 115.5

157 93.1 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 17.127 ug/l

RT: 14.913 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

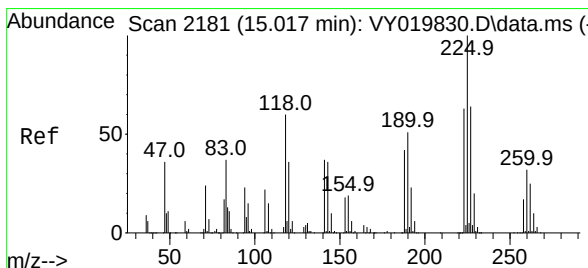
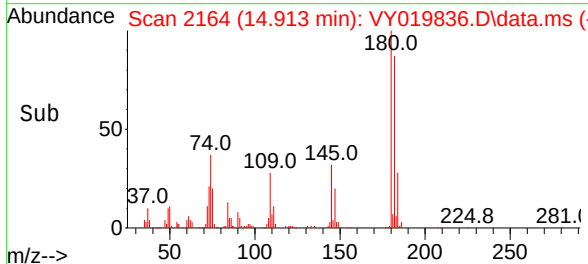
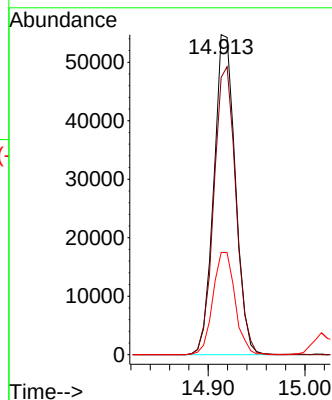
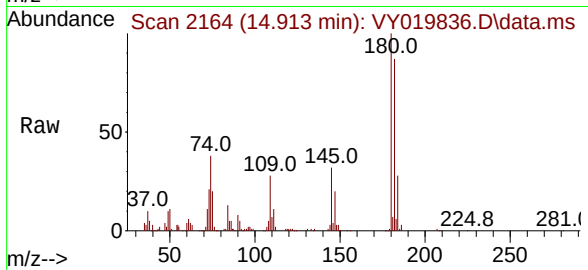
Tgt Ion:180 Resp: 84382

Ion Ratio Lower Upper

180 100

182 92.2 47.4 142.3

145 32.9 16.1 48.2



#94

Hexachlorobutadiene

Concen: 17.337 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

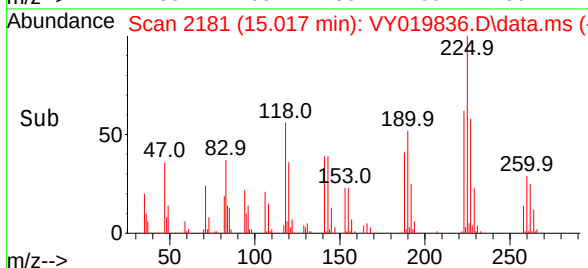
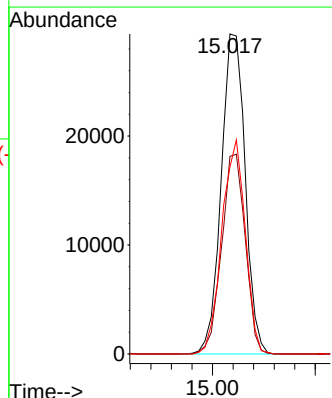
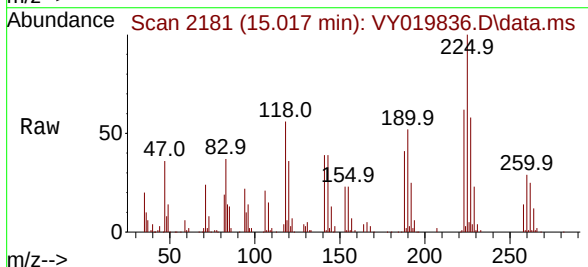
Tgt Ion:225 Resp: 47486

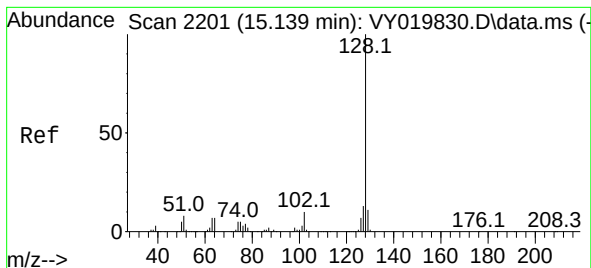
Ion Ratio Lower Upper

225 100

223 61.7 31.6 94.8

227 65.5 32.3 96.8





#95

Naphthalene

Concen: 17.263 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

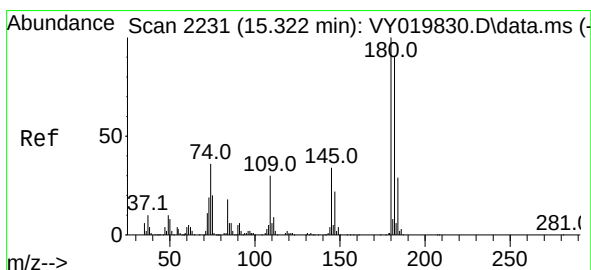
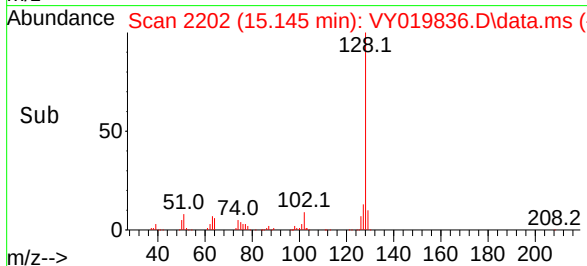
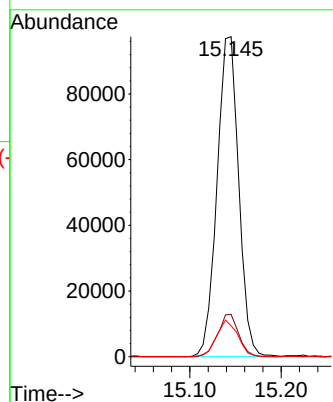
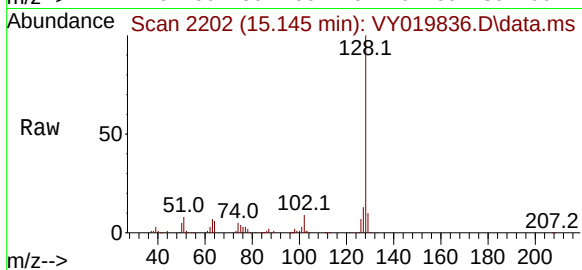
Tgt Ion:128 Resp: 160413

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.530 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY019836.D

Acq: 09 Oct 2024 16:41

Tgt Ion:180 Resp: 73009

Ion Ratio Lower Upper

180 100

182 93.4 46.8 140.4

145 32.4 16.9 50.6

