

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019368.D
 Acq On : 29 Aug 2024 09:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 09:24:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	100381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	168876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	153504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	79635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	53244	52.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.820%
35) Dibromofluoromethane	7.622	113	53223	48.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.400%
50) Toluene-d8	10.103	98	193042	48.580	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.408	95	68892	50.857	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	101.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	36136	49.066	ug/l	96
3) Chloromethane	2.062	50	62407	47.011	ug/l	98
4) Vinyl Chloride	2.196	62	72736	44.359	ug/l	95
5) Bromomethane	2.586	94	60150	61.430	ug/l	98
6) Chloroethane	2.726	64	50108	47.860	ug/l	97
7) Trichlorofluoromethane	3.049	101	97749	39.430	ug/l	97
8) Diethyl Ether	3.446	74	28324	52.932	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.799	101	48301	43.826	ug/l	94
10) Methyl Iodide	3.994	142	58305	53.973	ug/l	91
11) Tert butyl alcohol	4.854	59	17683	197.535	ug/l #	75
12) 1,1-Dichloroethene	3.781	96	48888	48.824	ug/l	90
13) Acrolein	3.647	56	1245	Below Cal		92
14) Allyl chloride	4.372	41	69252	52.019	ug/l	88
15) Acrylonitrile	5.043	53	58012	264.954	ug/l	98
16) Acetone	3.860	43	44507	238.502	ug/l #	87
17) Carbon Disulfide	4.092	76	128738	45.584	ug/l	98
18) Methyl Acetate	4.372	43	38736	67.634	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	139991	57.667	ug/l	97
20) Methylene Chloride	4.604	84	60898	53.202	ug/l	93
21) trans-1,2-Dichloroethene	5.104	96	57000	50.953	ug/l	98
22) Diisopropyl ether	6.006	45	177741	58.321	ug/l #	92
23) Vinyl Acetate	5.951	43	619757	256.858	ug/l	97
24) 1,1-Dichloroethane	5.903	63	100789	54.078	ug/l	99
25) 2-Butanone	6.884	43	75548	251.382	ug/l	91
26) 2,2-Dichloropropane	6.878	77	61819	40.960	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	71692	54.457	ug/l	98
28) Bromochloromethane	7.238	49	37952	48.544	ug/l	100
29) Tetrahydrofuran	7.256	42	53111	274.917	ug/l	90
30) Chloroform	7.415	83	117733	56.690	ug/l	100
31) Cyclohexane	7.695	56	70086	48.570	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	102830	56.342	ug/l	98
36) 1,1-Dichloropropene	7.829	75	75014	49.472	ug/l	99
37) Ethyl Acetate	6.976	43	36052	53.666	ug/l	96
38) Carbon Tetrachloride	7.811	117	90595	51.556	ug/l	96
39) Methylcyclohexane	9.103	83	85096	43.733	ug/l	96
40) Benzene	8.073	78	238669	51.323	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	19692	53.706	ug/l	95
42) 1,2-Dichloroethane	8.152	62	70317	55.994	ug/l	96
43) Isopropyl Acetate	8.195	43	72134	53.094	ug/l #	82
44) Trichloroethene	8.866	130	64523	49.726	ug/l	97
45) 1,2-Dichloropropane	9.140	63	53757	51.884	ug/l	93
46) Dibromomethane	9.231	93	35706	53.133	ug/l	98
47) Bromodichloromethane	9.420	83	91438	55.460	ug/l	98
48) Methyl methacrylate	9.219	41	33771	55.775	ug/l #	84
49) 1,4-Dioxane	9.231	88	8000	982.733	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	205003	284.294	ug/l	91
52) Toluene	10.170	92	162724	53.307	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	71277	52.116	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	80842	49.150	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	47602	55.024	ug/l	96
56) Ethyl methacrylate	10.438	69	63639	56.201	ug/l #	81
57) 1,3-Dichloropropane	10.713	76	75875	53.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	150518	280.197	ug/l	95
59) 2-Hexanone	10.762	43	139867	282.327	ug/l	90
60) Dibromochloromethane	10.908	129	65503	55.591	ug/l	100
61) 1,2-Dibromoethane	11.011	107	44383	53.080	ug/l	99
64) Tetrachloroethene	10.646	164	80309	59.854	ug/l	97
65) Chlorobenzene	11.438	112	180648	51.108	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	66223	53.276	ug/l	97
67) Ethyl Benzene	11.517	91	309476	50.445	ug/l	98
68) m/p-Xylenes	11.627	106	249514	102.500	ug/l	98
69) o-Xylene	11.956	106	119256	52.903	ug/l	99
70) Styrene	11.969	104	207344	53.938	ug/l	98
71) Bromoform	12.133	173	38733	54.511	ug/l #	99
73) Isopropylbenzene	12.255	105	308475	50.540	ug/l	100
74) N-amyl acetate	12.072	43	68983	51.830	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	50437	46.416	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	64416	82.022	ug/l #	100
77) Bromobenzene	12.529	156	73614	50.220	ug/l	97
78) n-propylbenzene	12.597	91	353664	48.470	ug/l	98
79) 2-Chlorotoluene	12.682	91	205171	50.155	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	251408	50.561	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12984	40.831	ug/l #	82
82) 4-Chlorotoluene	12.779	91	212359	49.897	ug/l	99
83) tert-Butylbenzene	12.999	119	224473	48.885	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	255790	51.615	ug/l	98
85) sec-Butylbenzene	13.176	105	319917	47.809	ug/l	98
86) p-Isopropyltoluene	13.292	119	268447	48.841	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	145408	50.300	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	140822	49.006	ug/l	98
89) n-Butylbenzene	13.615	91	233588	46.614	ug/l	98
90) Hexachloroethane	13.877	117	53086	49.001	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	127475	50.138	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8189	51.228	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	69545	48.504	ug/l	99
94) Hexachlorobutadiene	15.023	225	37512	50.228	ug/l	98
95) Naphthalene	15.145	128	139554	54.536	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	62348	51.557	ug/l	99

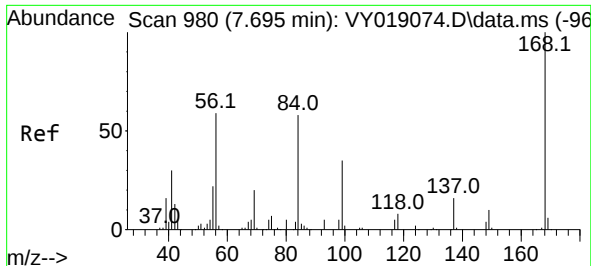
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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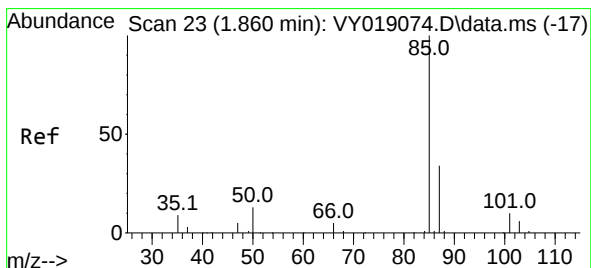
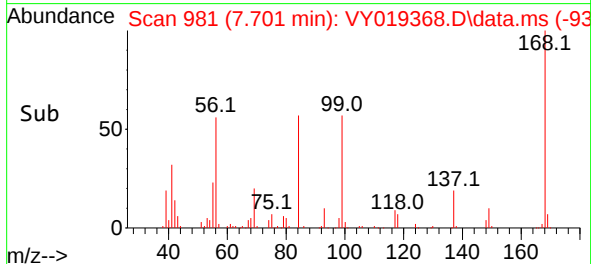
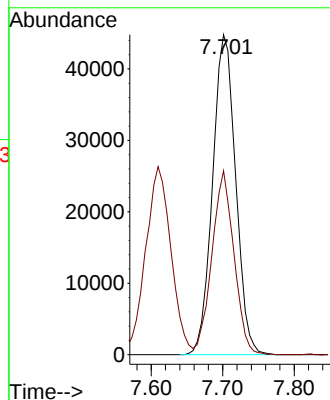
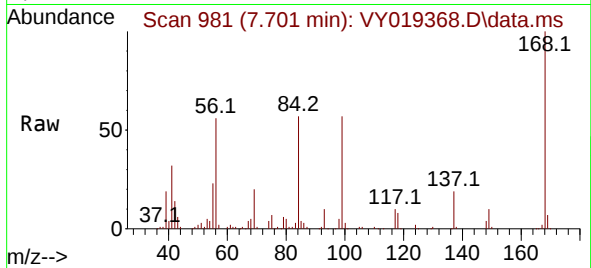
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

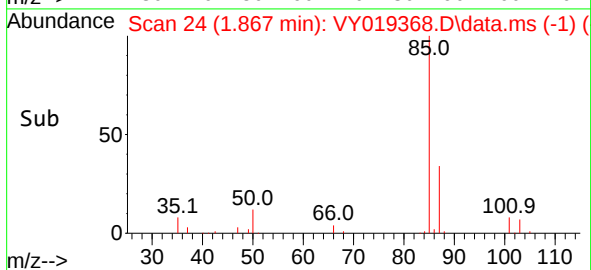
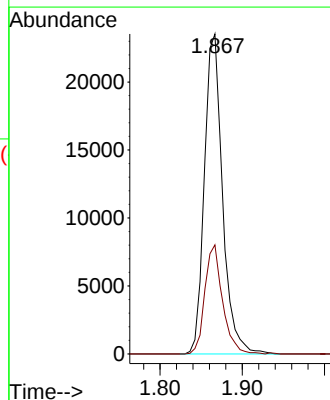
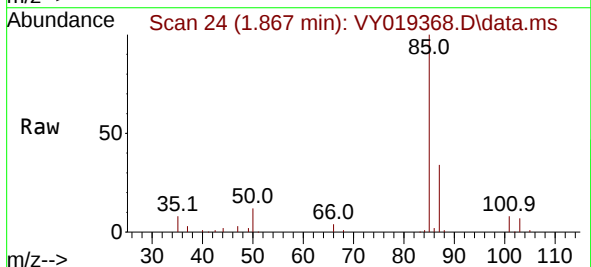
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 100381
Ion Ratio Lower Upper
168 100
99 57.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 49.066 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion: 85 Resp: 36136
Ion Ratio Lower Upper
85 100
87 34.1 16.0 48.0

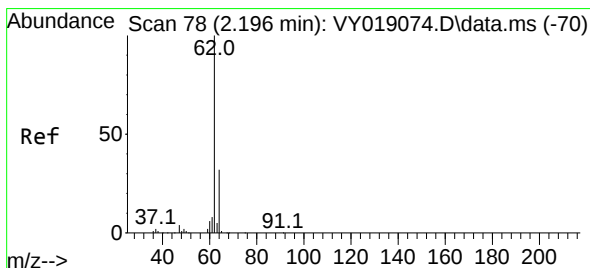
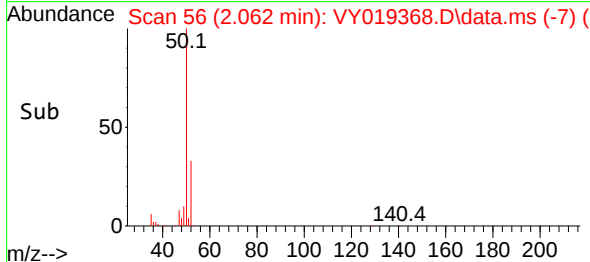
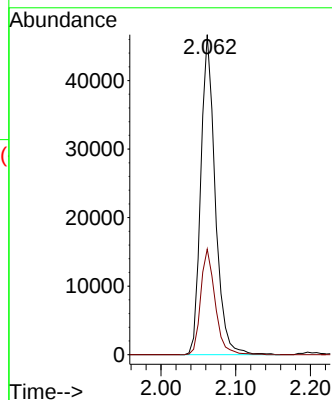
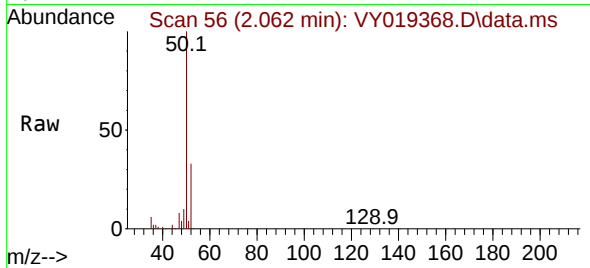




#3
Chloromethane
Concen: 47.011 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

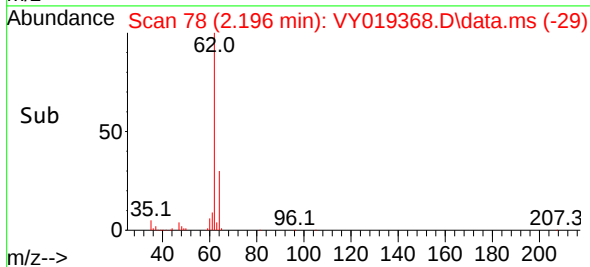
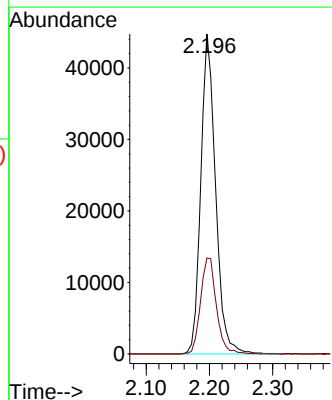
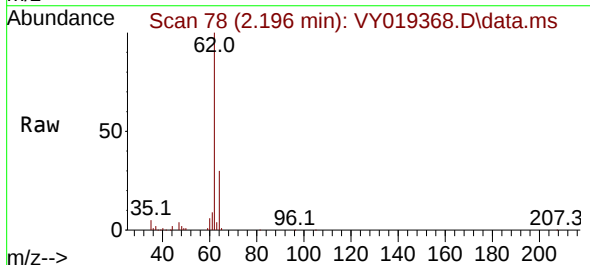
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 62407
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 44.359 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

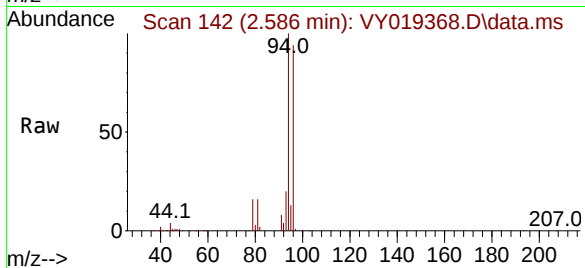
Tgt Ion: 62 Resp: 72736
Ion Ratio Lower Upper
62 100
64 30.0 26.1 39.1



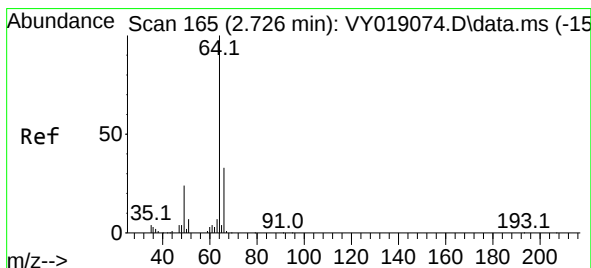
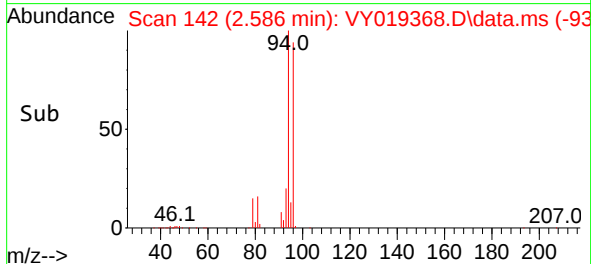
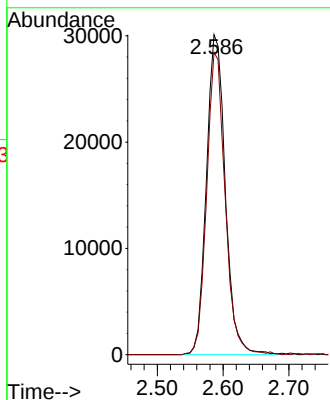


#5
Bromomethane
Concen: 61.430 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Instrument :
MSVOA_Y
ClientSampleId :

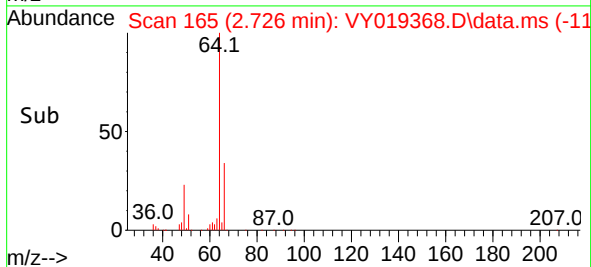
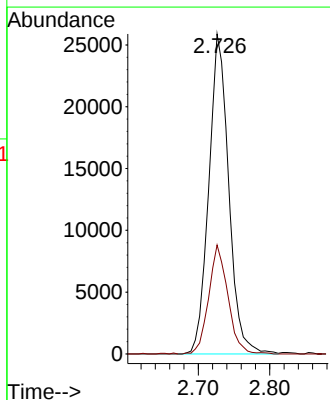
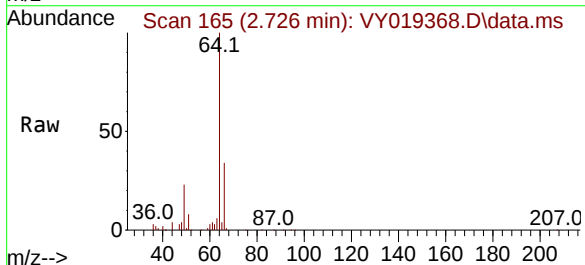


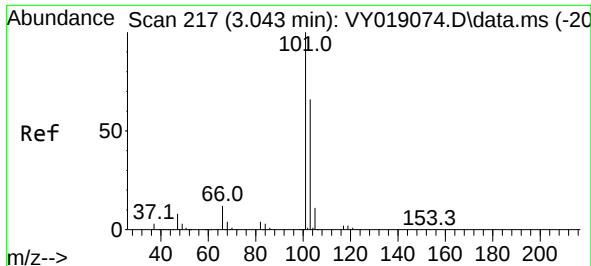
Tgt Ion: 94 Resp: 60150
Ion Ratio Lower Upper
94 100
96 94.5 74.1 111.1



#6
Chloroethane
Concen: 47.860 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion: 64 Resp: 50108
Ion Ratio Lower Upper
64 100
66 34.0 26.1 39.1

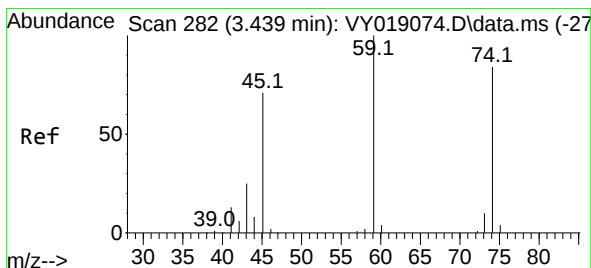
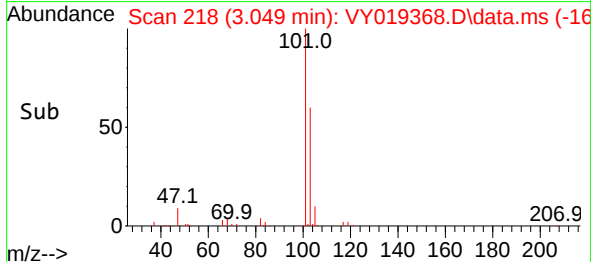
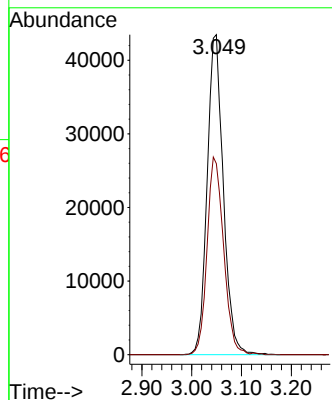
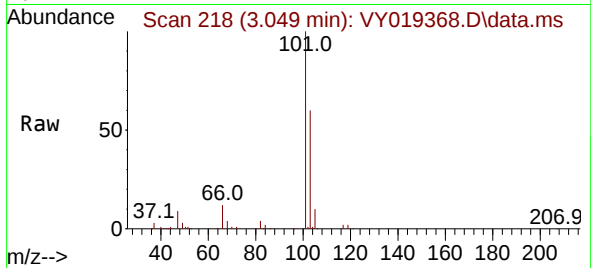




#7
 Trichlorofluoromethane
 Concen: 39.430 ug/l
 RT: 3.049 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019368.D
 Acq: 29 Aug 2024 09:07

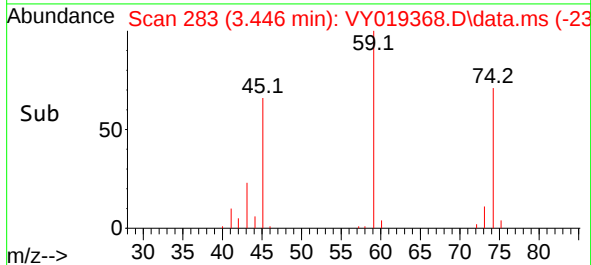
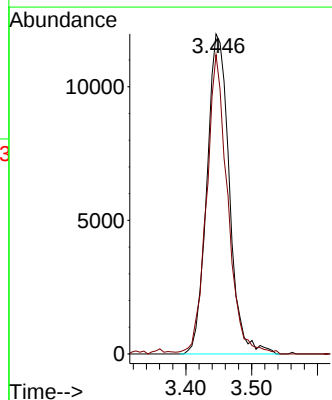
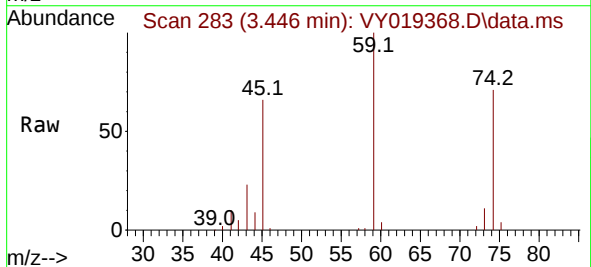
Instrument :
 MSVOA_Y
 ClientSampleId :

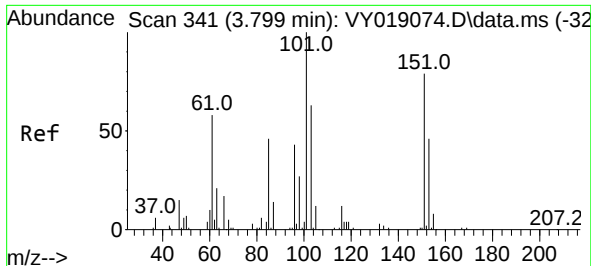
Tgt Ion:101 Resp: 97749
 Ion Ratio Lower Upper
 101 100
 103 59.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 52.932 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019368.D
 Acq: 29 Aug 2024 09:07

Tgt Ion: 74 Resp: 28324
 Ion Ratio Lower Upper
 74 100
 45 88.7 41.3 124.1

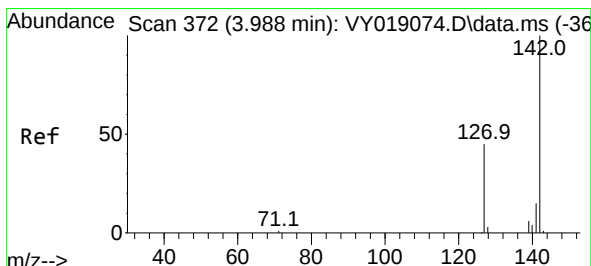
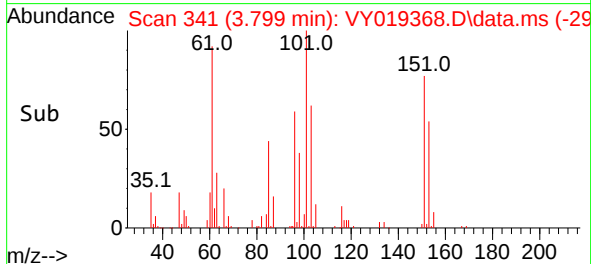
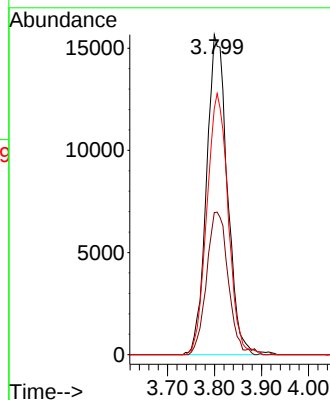
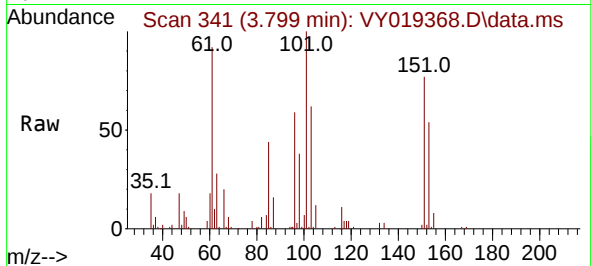




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.826 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY019368.D
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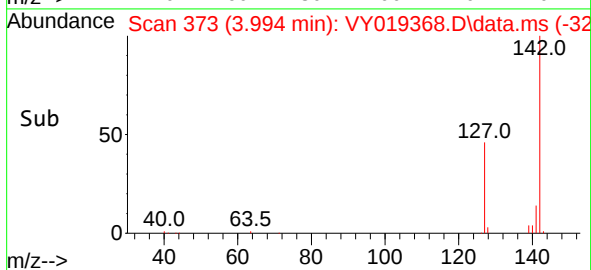
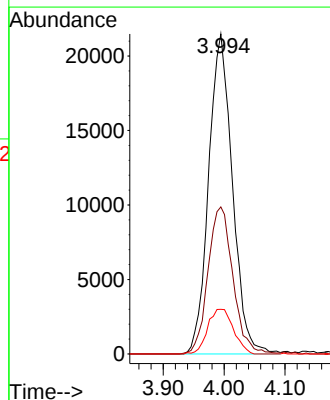
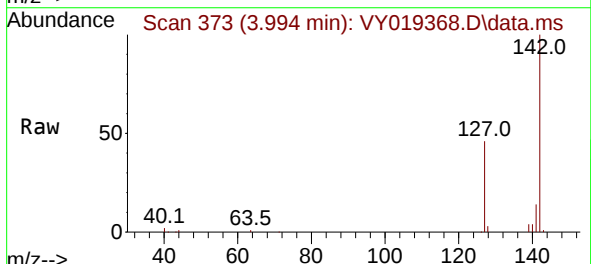
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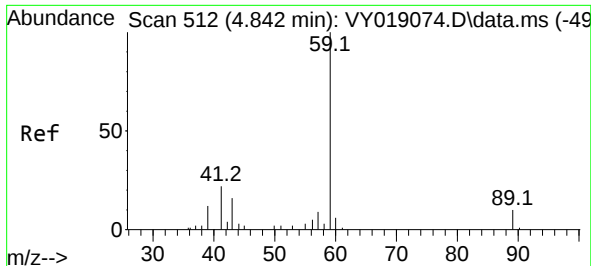
Tgt Ion:101 Resp: 48301
Ion Ratio Lower Upper
101 100
85 45.9 34.5 51.7
151 83.0 61.7 92.5



#10
Methyl Iodide
Concen: 53.973 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion:142 Resp: 58305
Ion Ratio Lower Upper
142 100
127 48.2 32.8 49.2
141 15.1 11.4 17.2

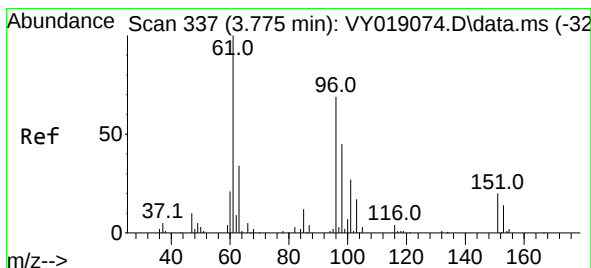
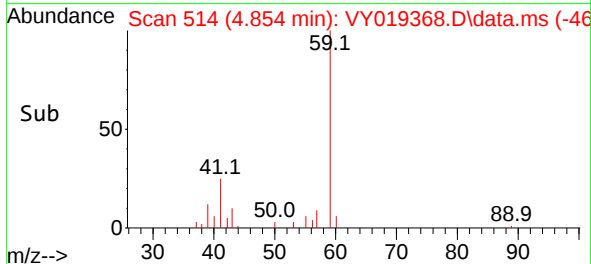
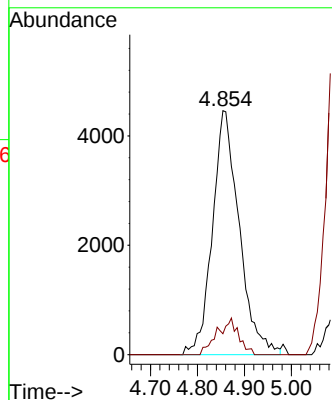
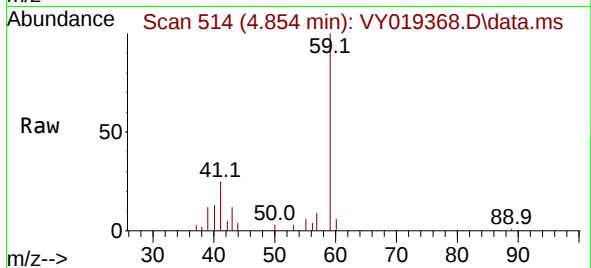




#11
Tert butyl alcohol
Concen: 197.535 ug/l
RT: 4.854 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

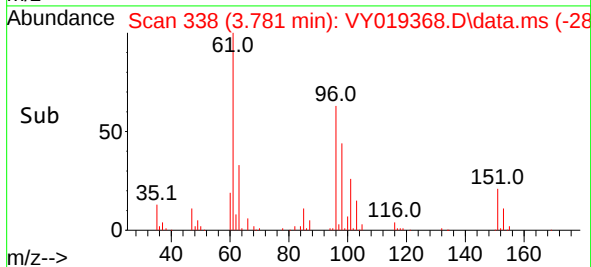
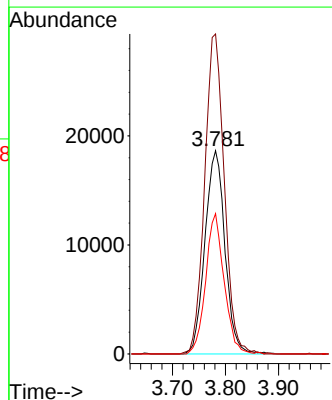
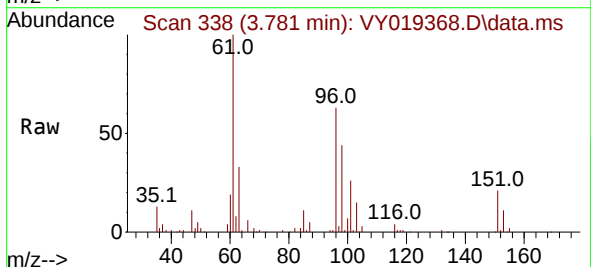
Instrument :
MSVOA_Y
ClientSampleId :

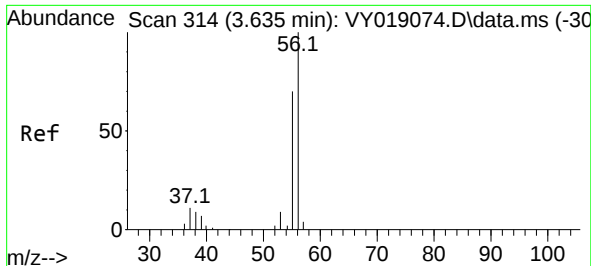
Tgt Ion: 59 Resp: 17683
Ion Ratio Lower Upper
59 100
57 11.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.824 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion: 96 Resp: 48888
Ion Ratio Lower Upper
96 100
61 157.5 114.6 171.8
98 69.1 50.8 76.2





#13

Acrolein

Concen: Below Cal

RT: 3.647 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

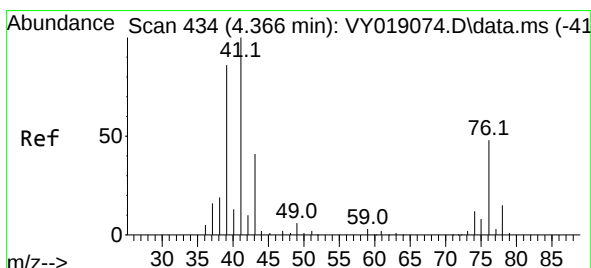
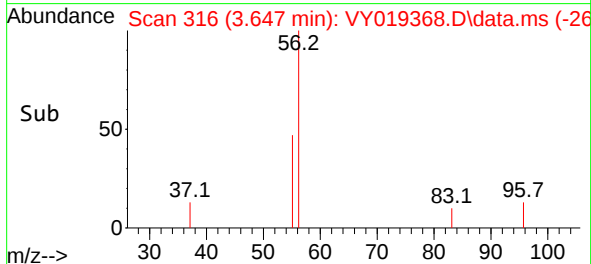
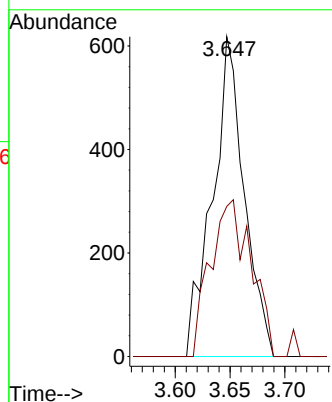
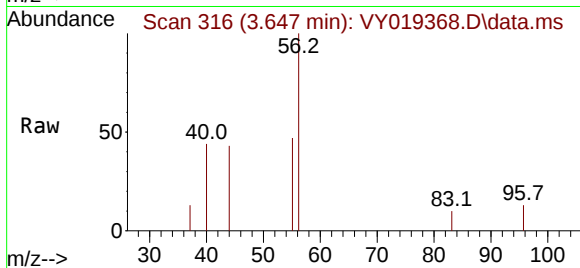
ClientSampleId :

Tgt Ion: 56 Resp: 1245

Ion Ratio Lower Upper

56 100

55 63.1 55.7 83.5



#14

Allyl chloride

Concen: 52.019 ug/l

RT: 4.372 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

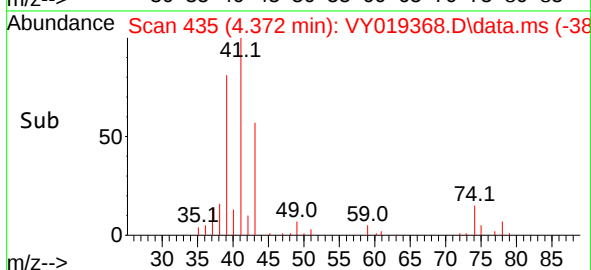
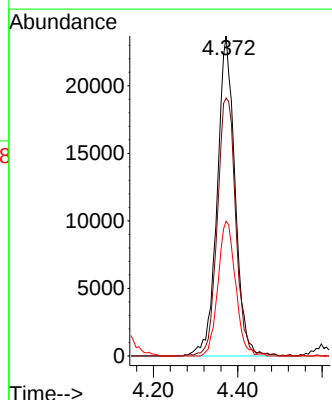
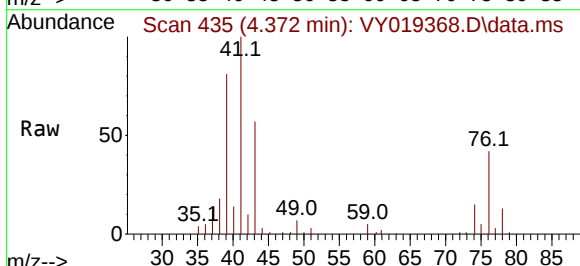
Tgt Ion: 41 Resp: 69252

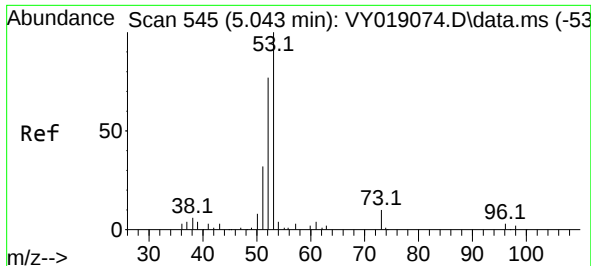
Ion Ratio Lower Upper

41 100

39 83.8 58.3 87.5

76 41.3 39.0 58.6

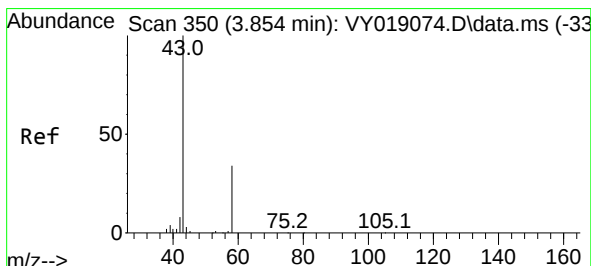
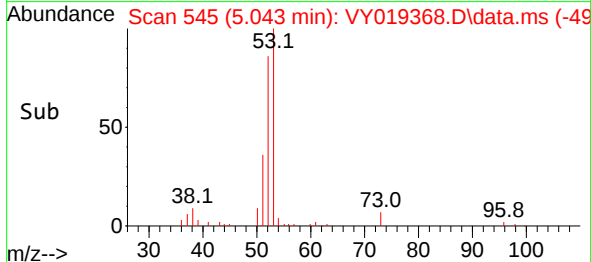
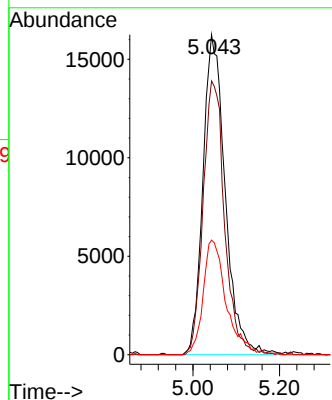
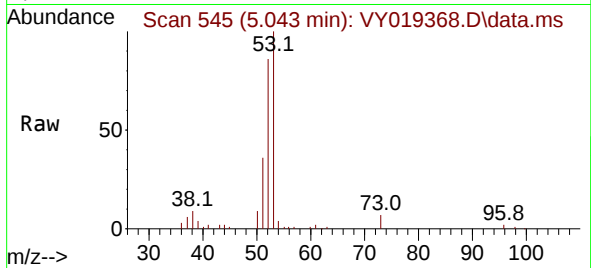




#15
Acrylonitrile
Concen: 264.954 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

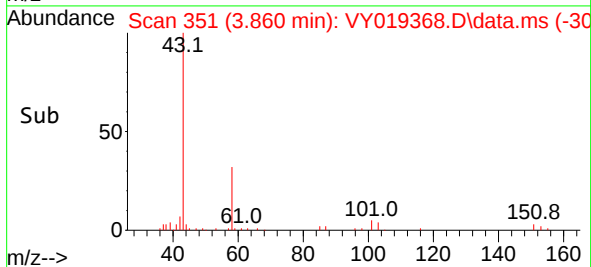
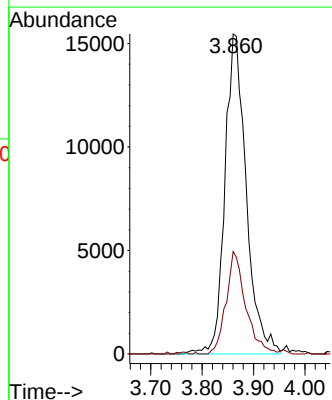
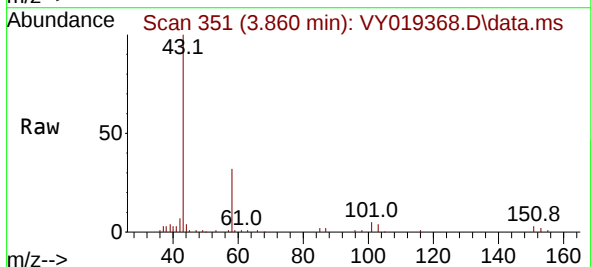
Instrument :
MSVOA_Y
ClientSampleId :

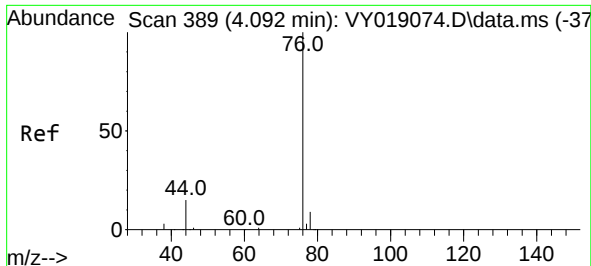
Tgt Ion: 53 Resp: 58012
Ion Ratio Lower Upper
53 100
52 82.3 64.7 97.1
51 37.3 28.4 42.6



#16
Acetone
Concen: 238.502 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion: 43 Resp: 44507
Ion Ratio Lower Upper
43 100
58 31.6 31.7 47.5#

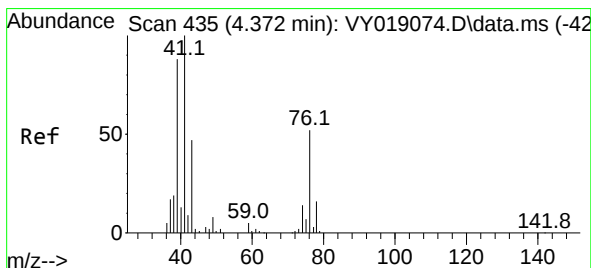
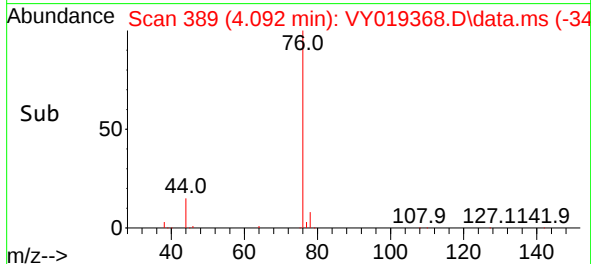
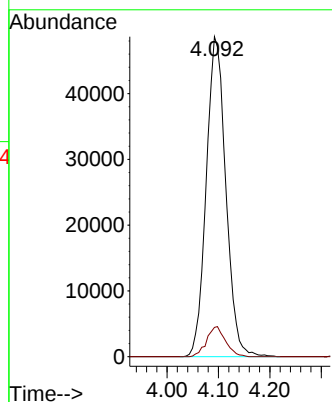
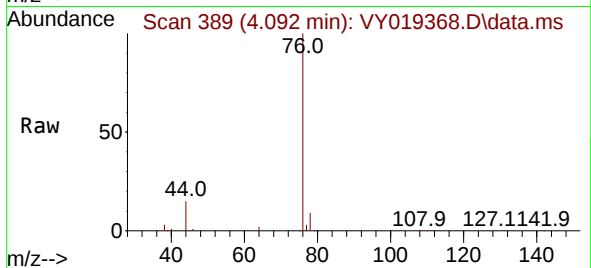




#17
Carbon Disulfide
Concen: 45.584 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

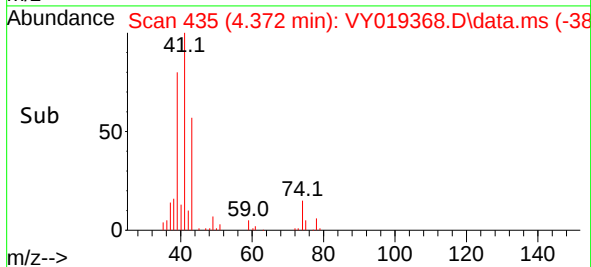
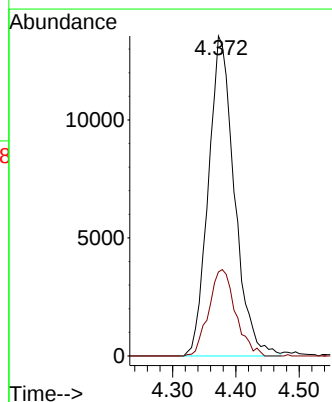
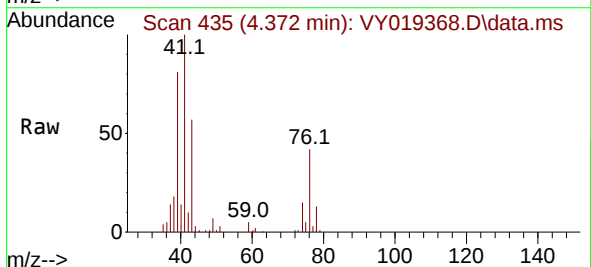
Instrument :
MSVOA_Y
ClientSampleId :

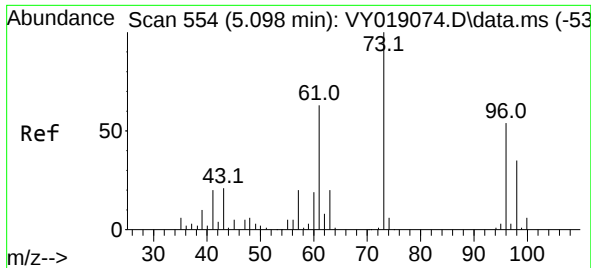
Tgt Ion: 76 Resp: 128738
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 67.634 ug/l
RT: 4.372 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion: 43 Resp: 38736
Ion Ratio Lower Upper
43 100
74 27.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 57.667 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

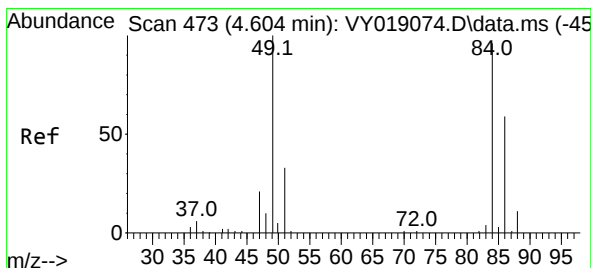
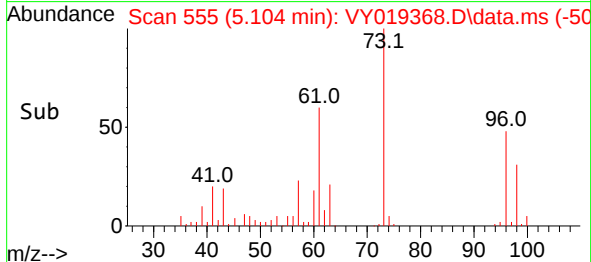
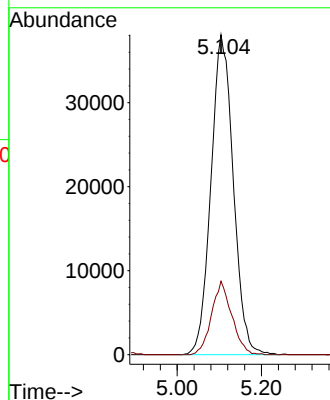
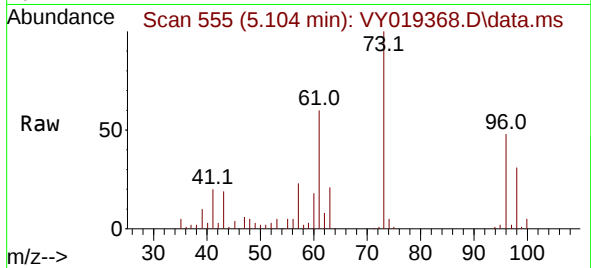
ClientSampleId :

Tgt Ion: 73 Resp: 139991

Ion Ratio Lower Upper

73 100

57 22.9 17.3 25.9



#20

Methylene Chloride

Concen: 53.202 ug/l

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Tgt Ion: 84 Resp: 60898

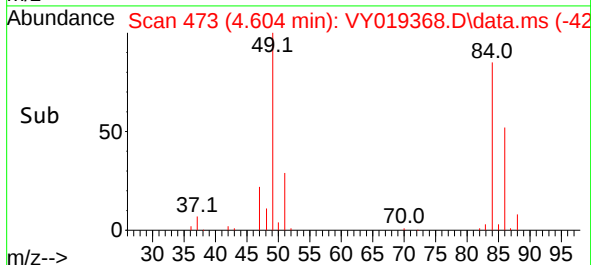
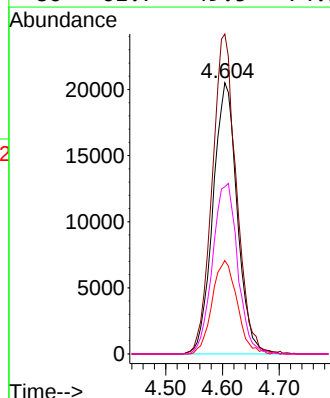
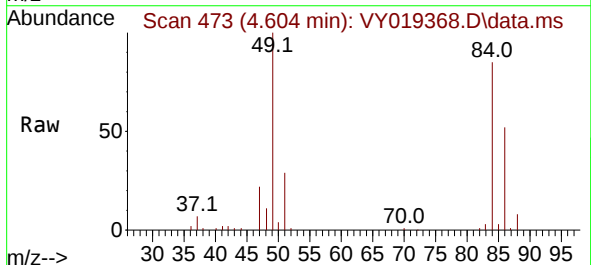
Ion Ratio Lower Upper

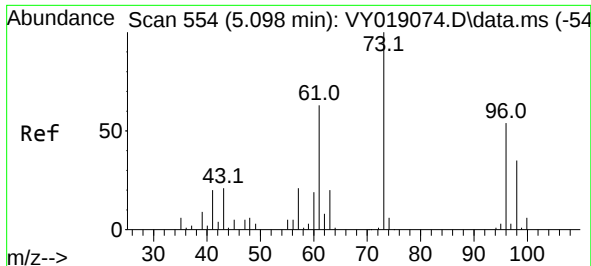
84 100

49 118.0 84.4 126.6

51 34.5 26.0 39.0

86 61.7 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 50.953 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

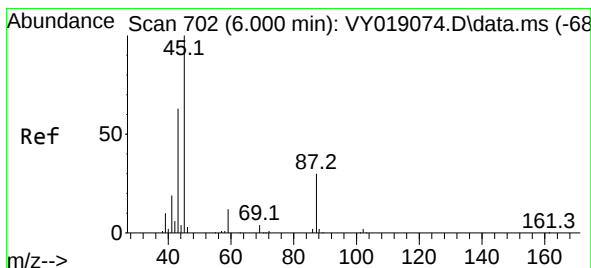
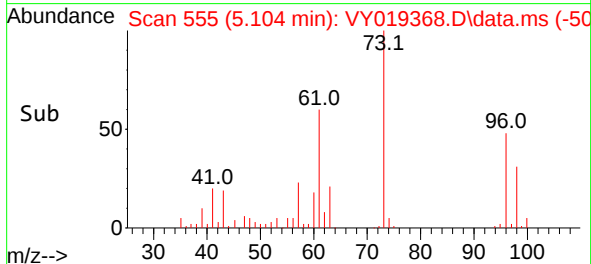
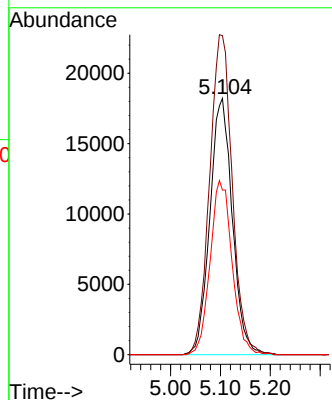
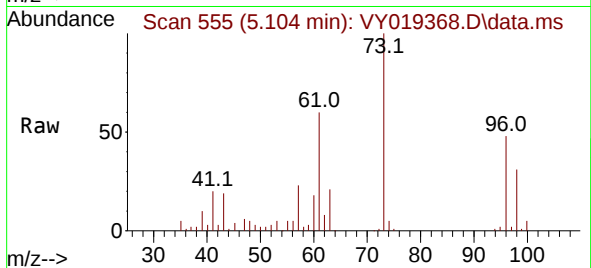
Tgt Ion: 96 Resp: 57000

Ion Ratio Lower Upper

96 100

61 124.5 97.5 146.3

98 64.2 50.5 75.7



#22

Diisopropyl ether

Concen: 58.321 ug/l

RT: 6.006 min Scan# 703

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Tgt Ion: 45 Resp: 177741

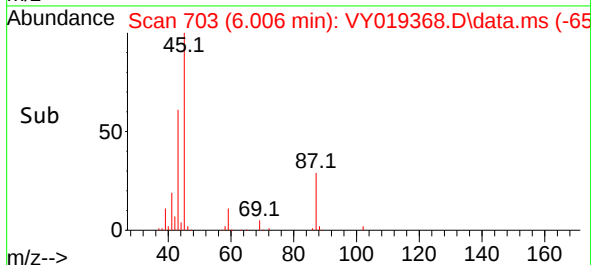
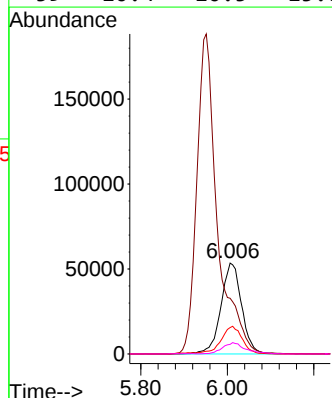
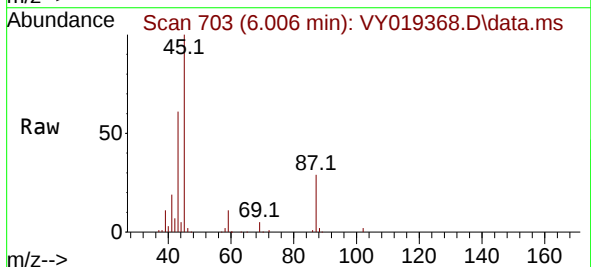
Ion Ratio Lower Upper

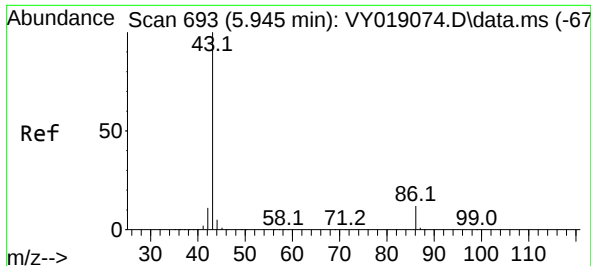
45 100

43 60.6 42.2 63.2

87 29.1 25.0 37.6

59 10.4 10.5 15.7#

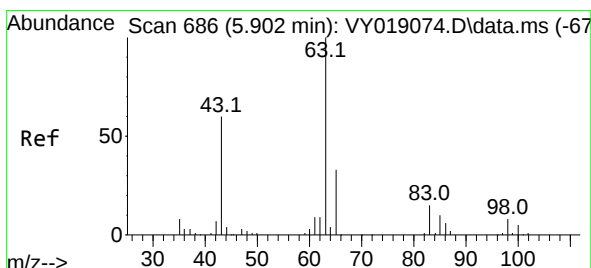
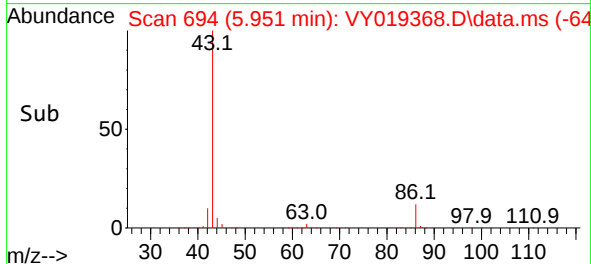
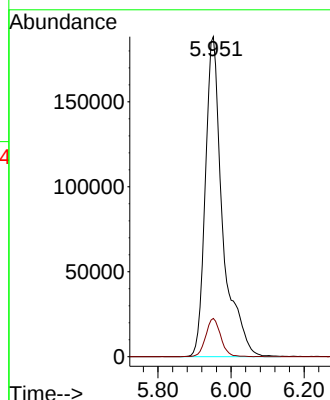
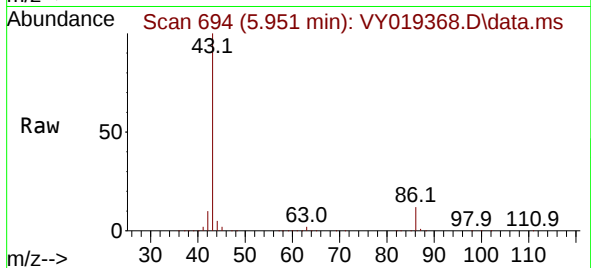




#23
 Vinyl Acetate
 Concen: 256.858 ug/l
 RT: 5.951 min Scan# 619
 Delta R.T. 0.006 min
 Lab File: VY019368.D
 Acq: 29 Aug 2024 09:07

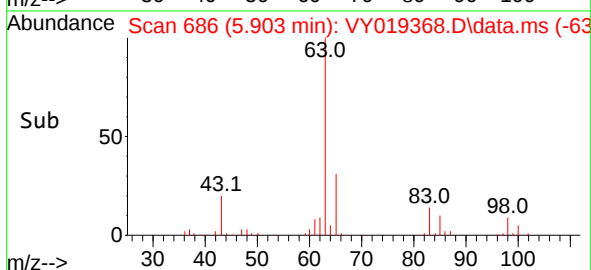
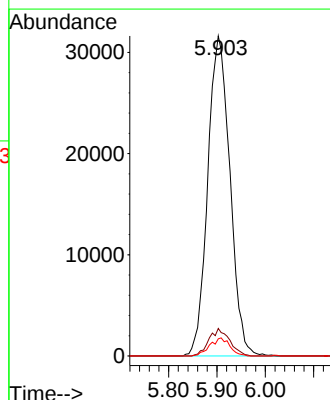
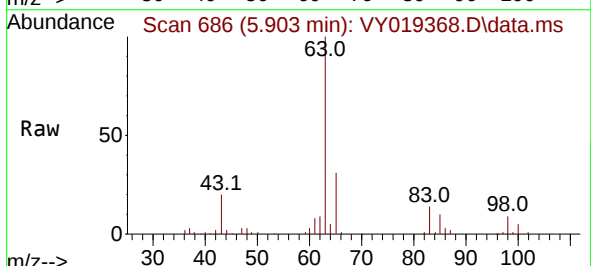
Instrument :
 MSVOA_Y
 ClientSampleId :

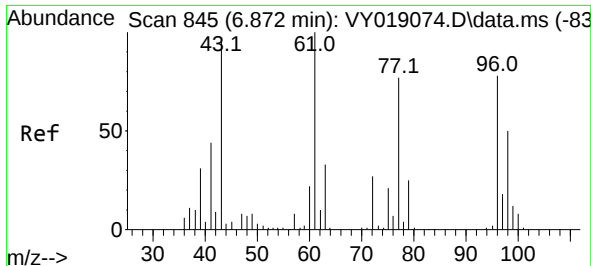
Tgt Ion: 43 Resp: 619757
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 54.078 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019368.D
 Acq: 29 Aug 2024 09:07

Tgt Ion: 63 Resp: 100789
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.2
 100 5.4 2.6 8.0

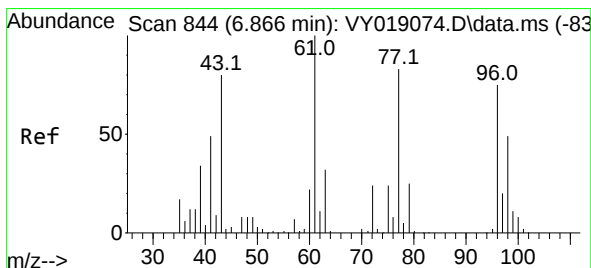
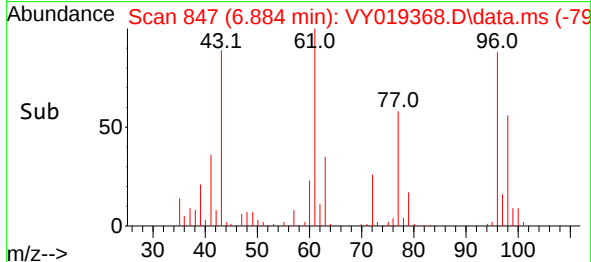
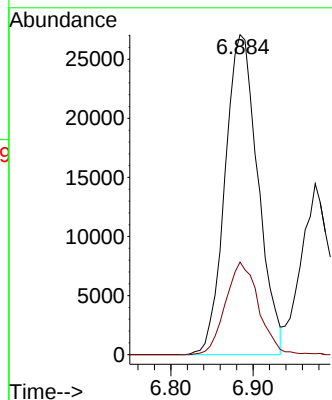
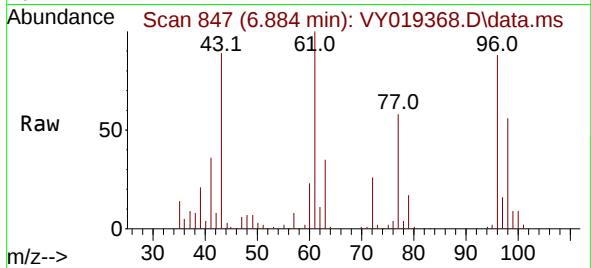




#25
2-Butanone
Concen: 251.382 ug/l
RT: 6.884 min Scan# 845
Delta R.T. 0.012 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

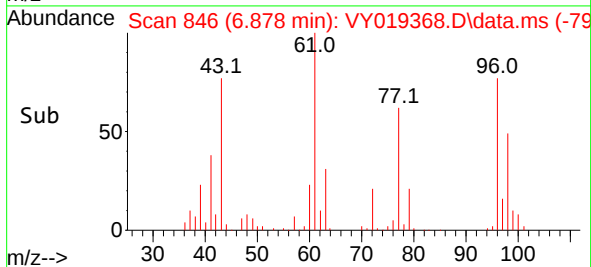
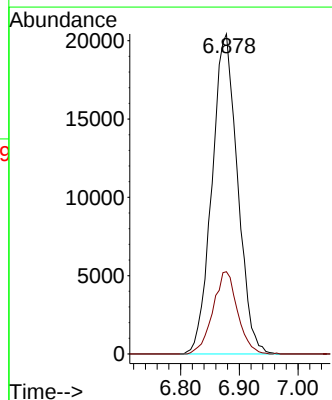
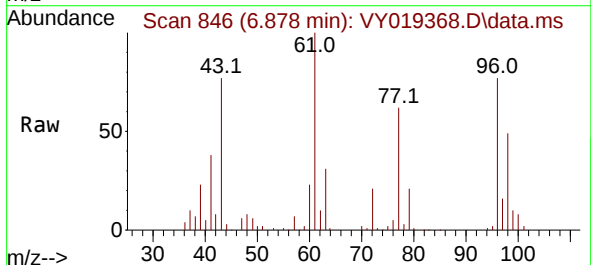
Instrument :
MSVOA_Y
ClientSampleId :

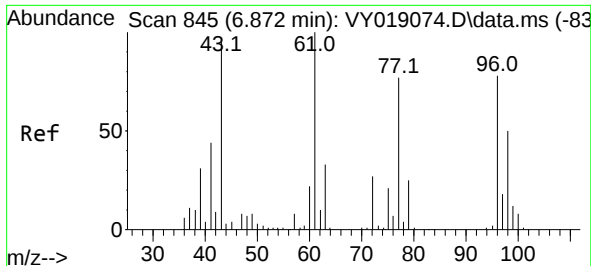
Tgt Ion: 43 Resp: 75548
Ion Ratio Lower Upper
43 100
72 28.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 40.960 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion: 77 Resp: 61819
Ion Ratio Lower Upper
77 100
97 24.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 54.457 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.012 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

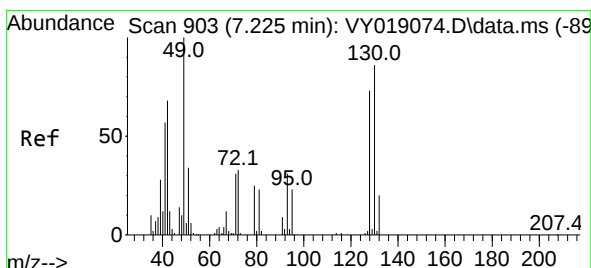
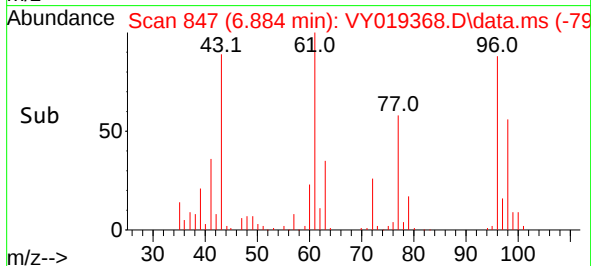
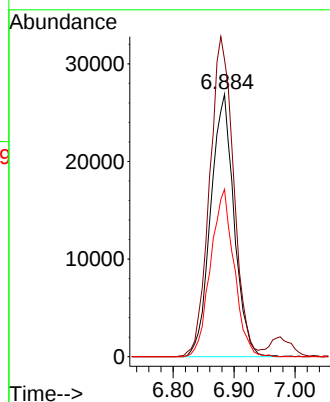
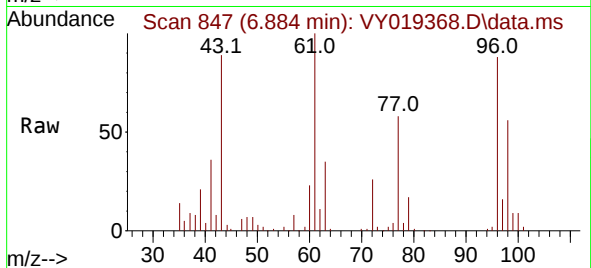
Tgt Ion: 96 Resp: 71692

Ion Ratio Lower Upper

96 100

61 125.5 0.0 256.2

98 64.1 0.0 130.0



#28

Bromochloromethane

Concen: 48.544 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

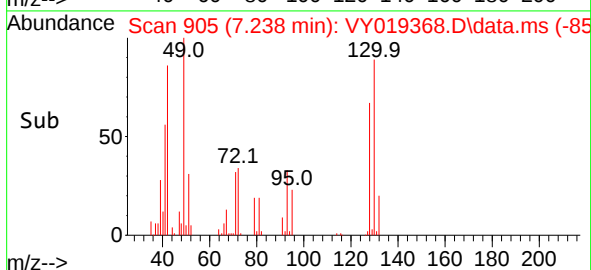
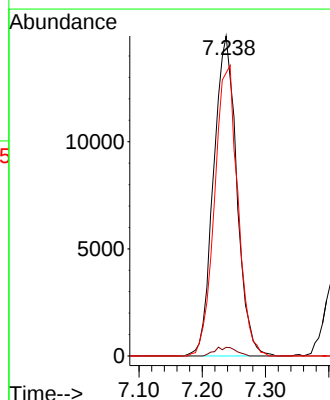
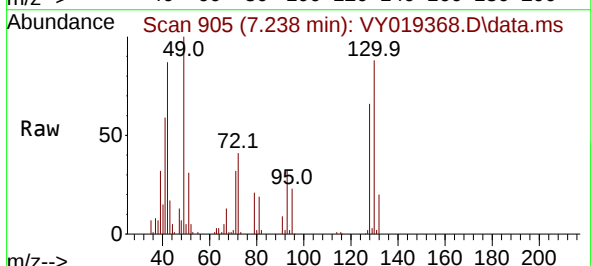
Tgt Ion: 49 Resp: 37952

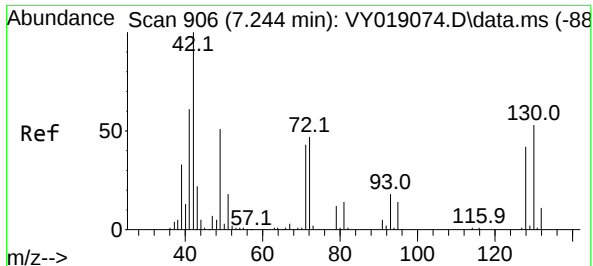
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 90.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 274.917 ug/l

RT: 7.256 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

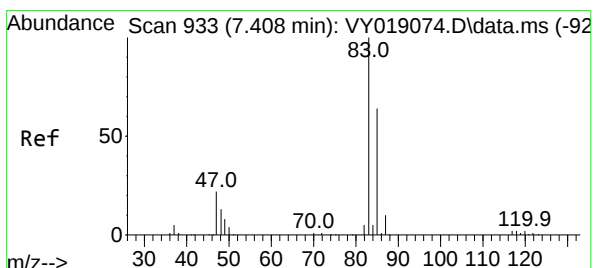
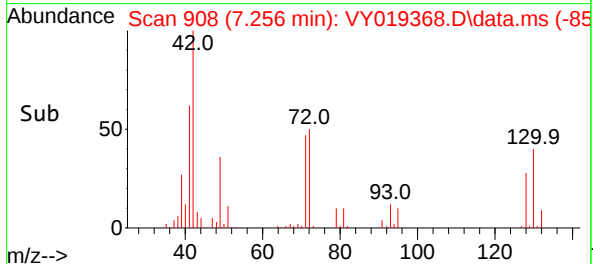
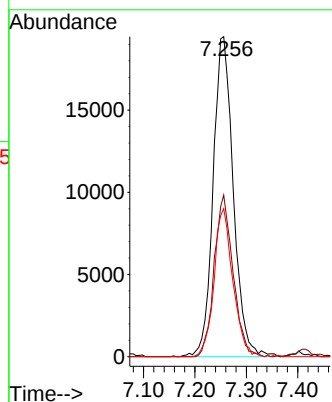
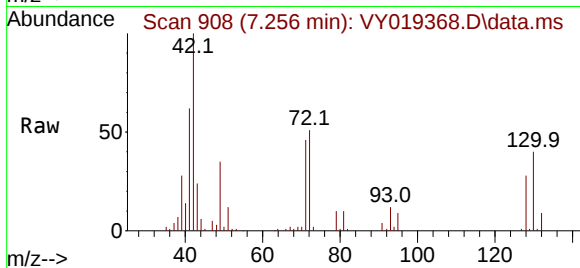
Tgt Ion: 42 Resp: 53111

Ion Ratio Lower Upper

42 100

72 47.2 43.0 64.4

71 43.3 40.8 61.2



#30

Chloroform

Concen: 56.690 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019368.D

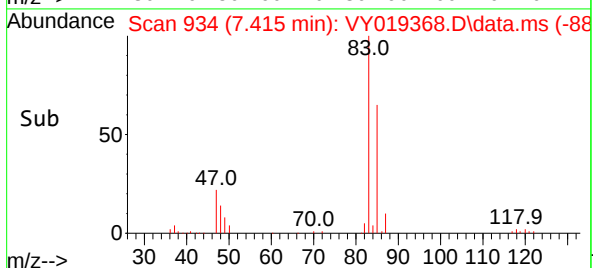
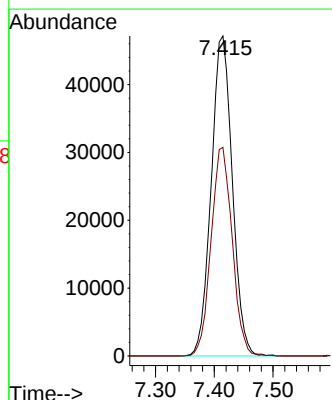
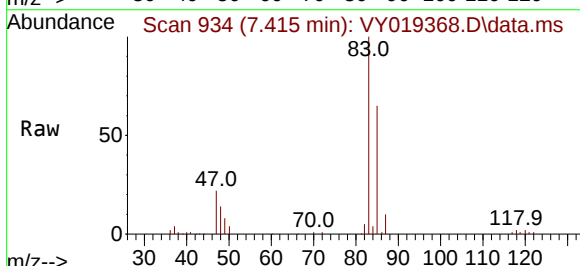
Acq: 29 Aug 2024 09:07

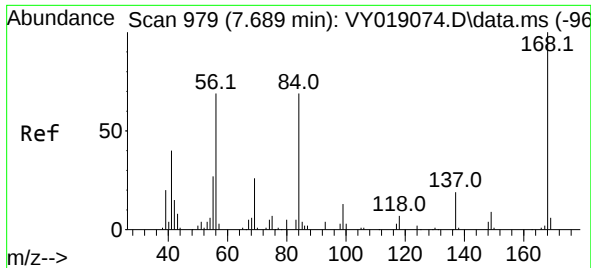
Tgt Ion: 83 Resp: 117733

Ion Ratio Lower Upper

83 100

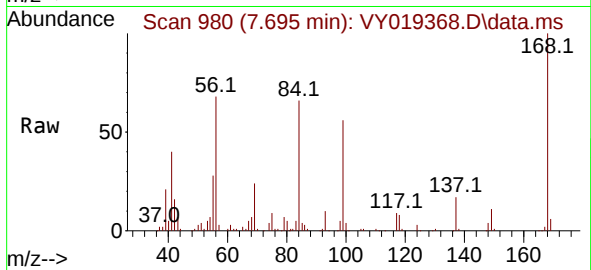
85 65.2 52.2 78.4



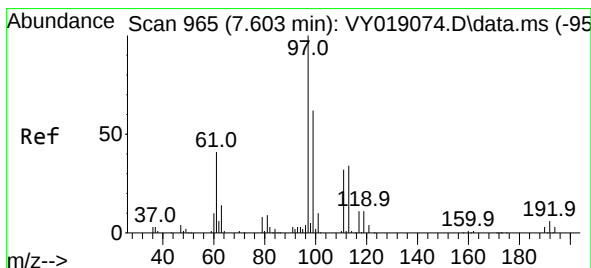
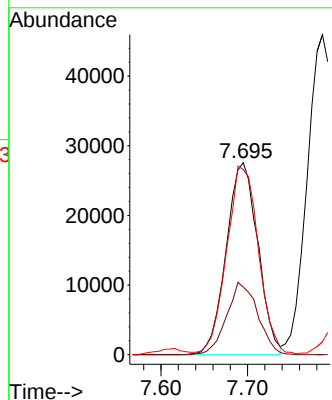
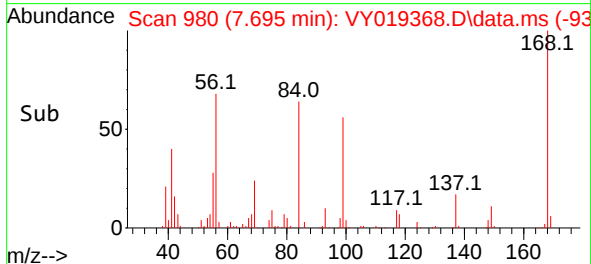


#31
Cyclohexane
Concen: 48.570 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Instrument :
MSVOA_Y
ClientSampleId :

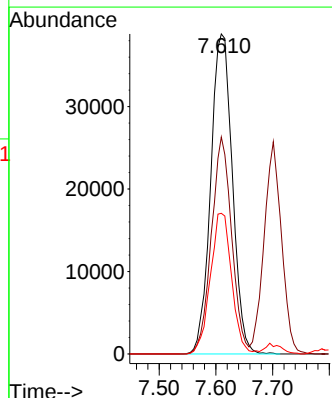
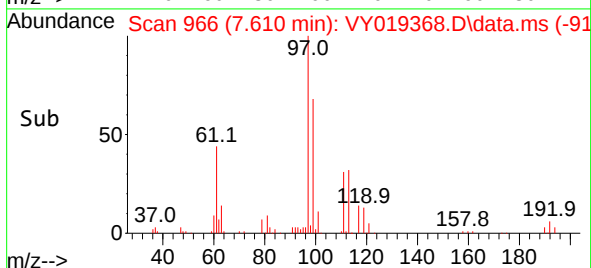
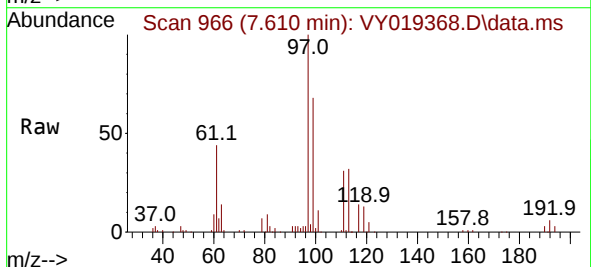


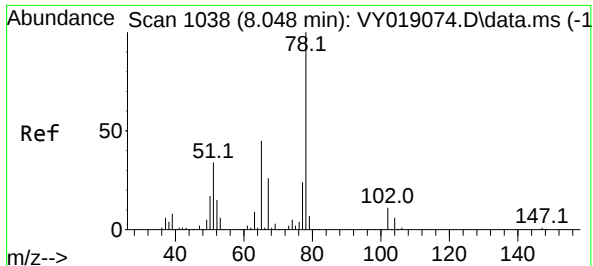
Tgt Ion: 56 Resp: 70086
Ion Ratio Lower Upper
56 100
69 35.3 28.7 43.1
84 94.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 56.342 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion: 97 Resp: 102830
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 43.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.914 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

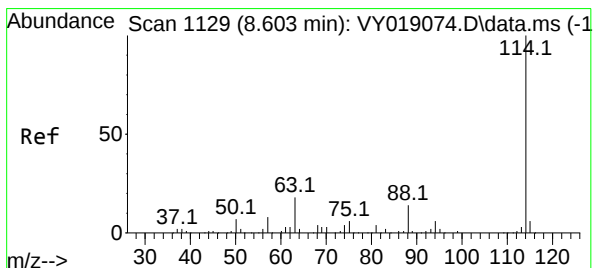
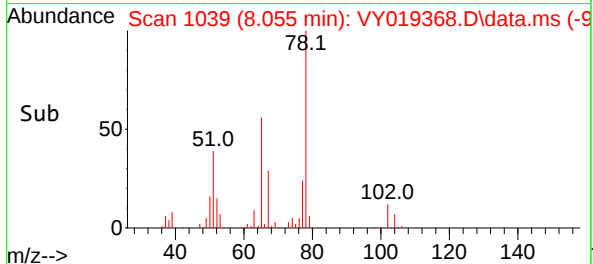
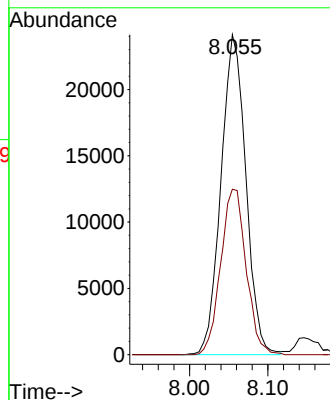
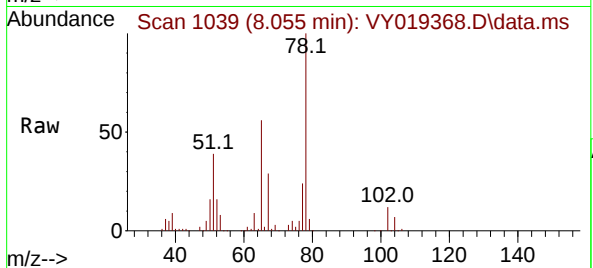
ClientSampleId :

Tgt Ion: 65 Resp: 53244

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

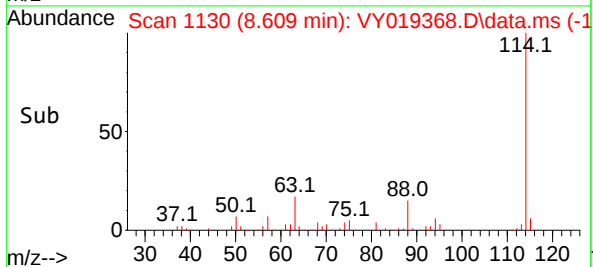
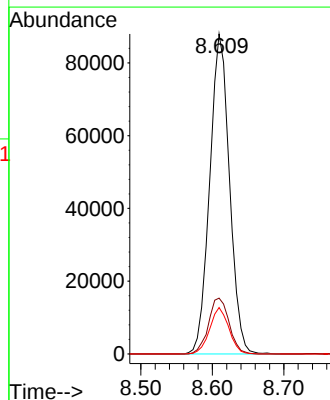
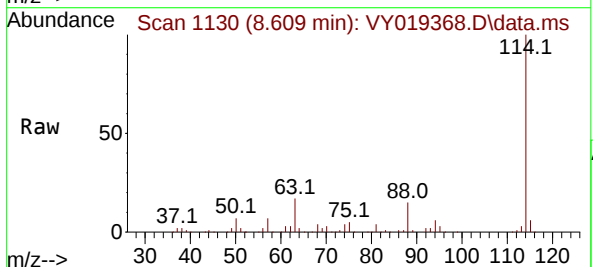
Tgt Ion: 114 Resp: 168876

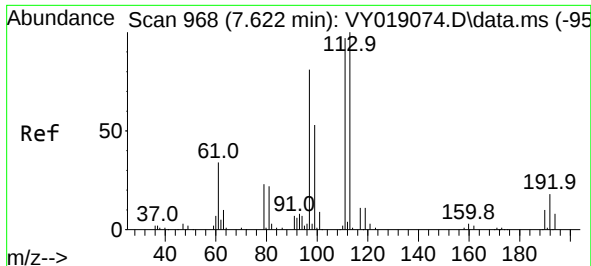
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

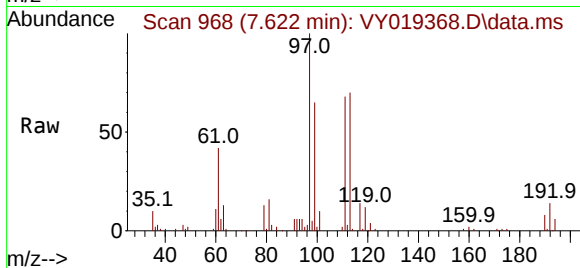
88 14.5 0.0 27.2



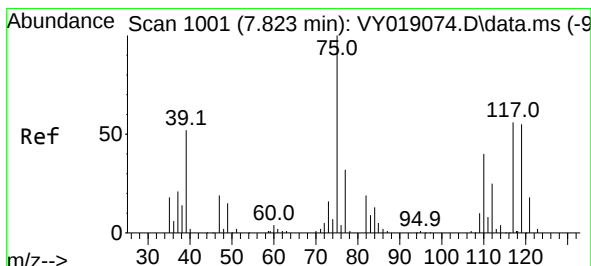
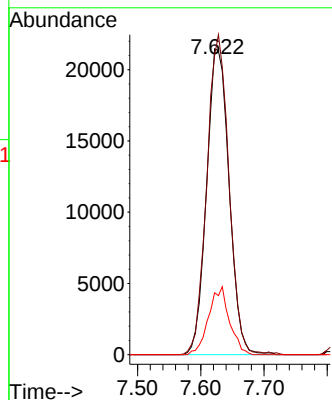
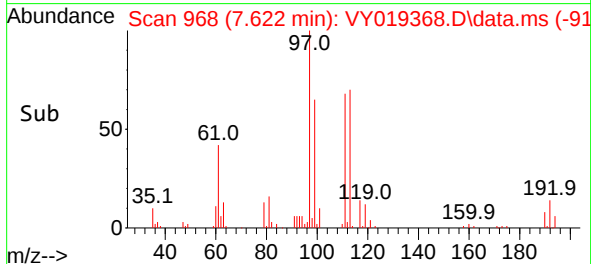


#35
Dibromofluoromethane
Concen: 48.200 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

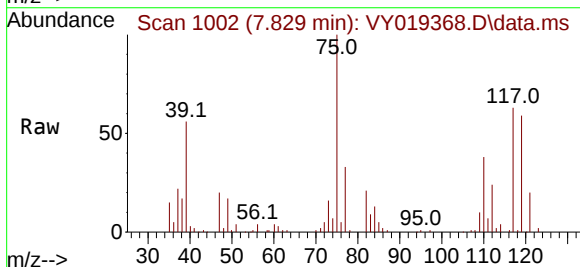
Instrument :
MSVOA_Y
ClientSampleId :



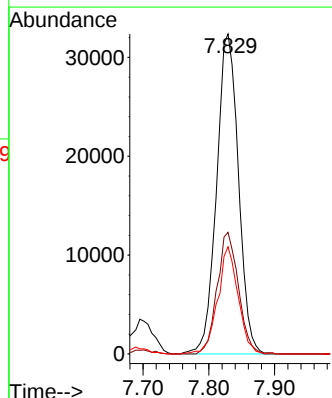
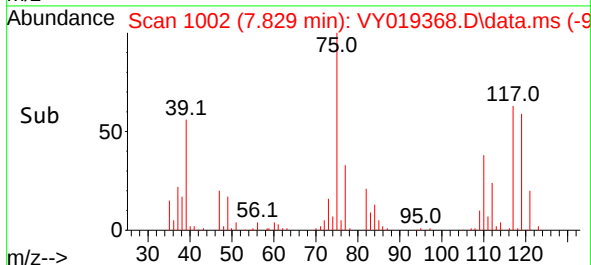
Tgt Ion:113 Resp: 53223
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 20.5 15.9 23.9

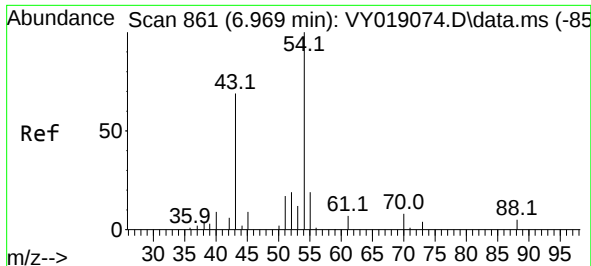


#36
1,1-Dichloropropene
Concen: 49.472 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07



Tgt Ion: 75 Resp: 75014
Ion Ratio Lower Upper
75 100
110 36.9 19.0 57.0
77 31.4 25.3 37.9





#37

Ethyl Acetate

Concen: 53.666 ug/l

RT: 6.976 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

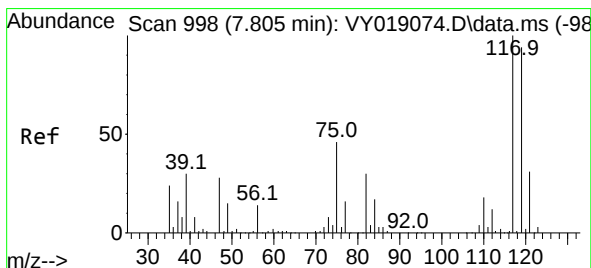
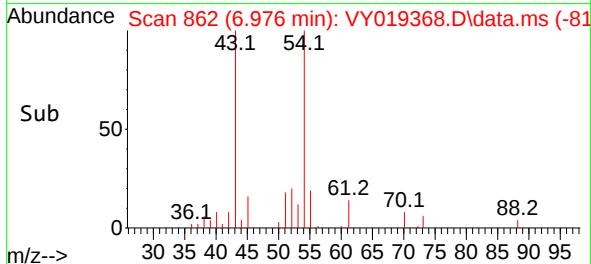
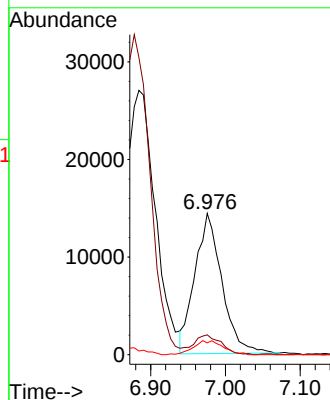
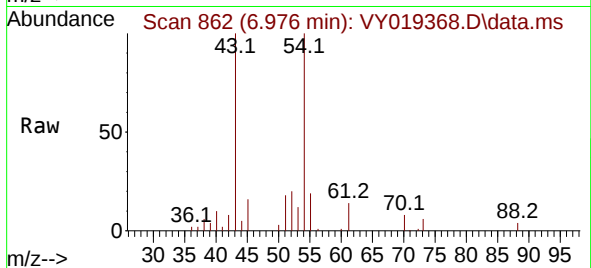
Tgt Ion: 43 Resp: 36052

Ion Ratio Lower Upper

43 100

61 14.0 12.6 19.0

70 10.9 7.8 11.8



#38

Carbon Tetrachloride

Concen: 51.556 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

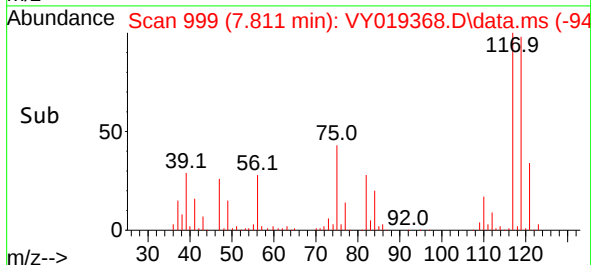
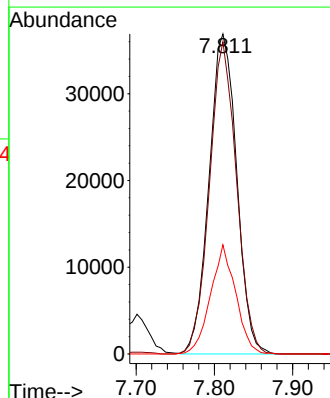
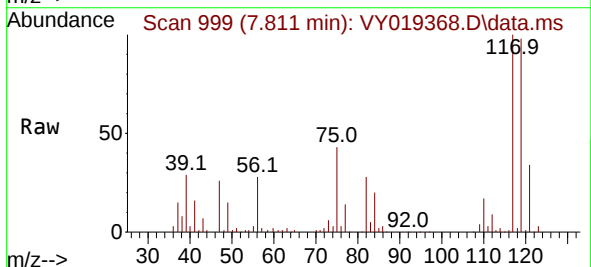
Tgt Ion: 117 Resp: 90595

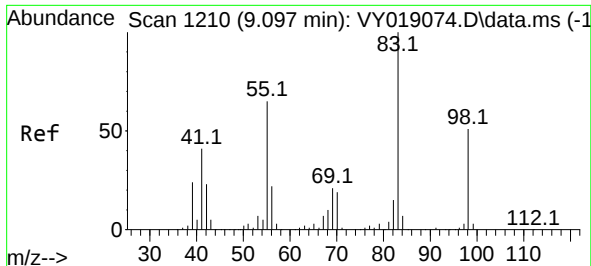
Ion Ratio Lower Upper

117 100

119 97.5 75.8 113.6

121 34.1 24.0 36.0





#39

Methylcyclohexane

Concen: 43.733 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

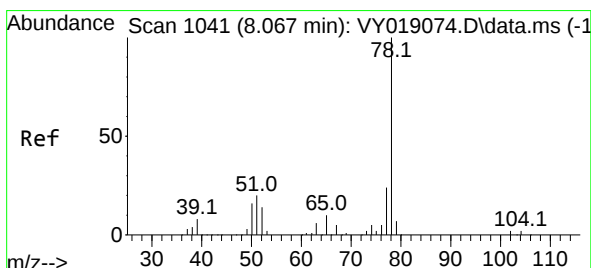
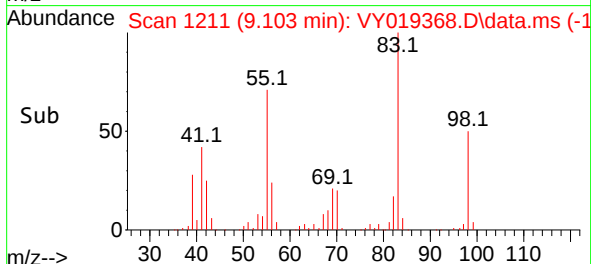
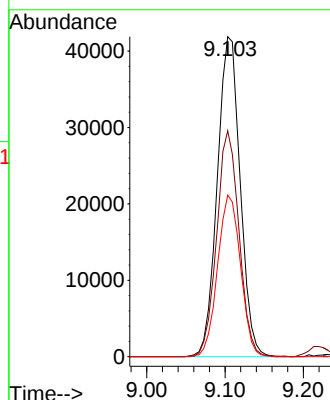
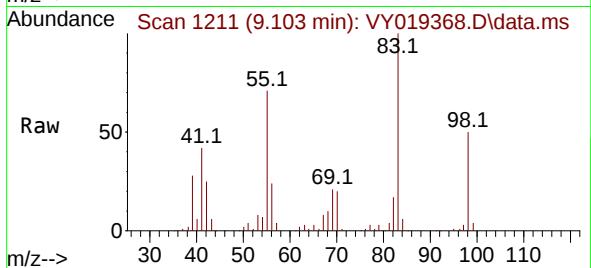
Tgt Ion: 83 Resp: 85096

Ion Ratio Lower Upper

83 100

55 70.6 51.5 77.3

98 50.5 40.5 60.7



#40

Benzene

Concen: 51.323 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019368.D

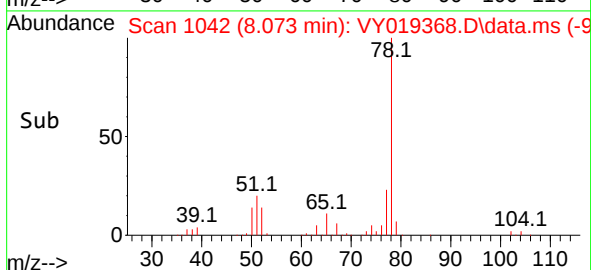
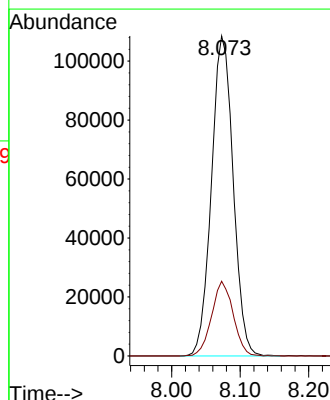
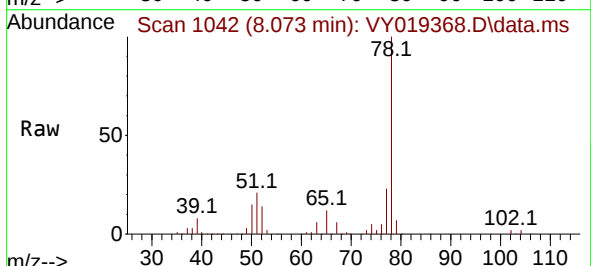
Acq: 29 Aug 2024 09:07

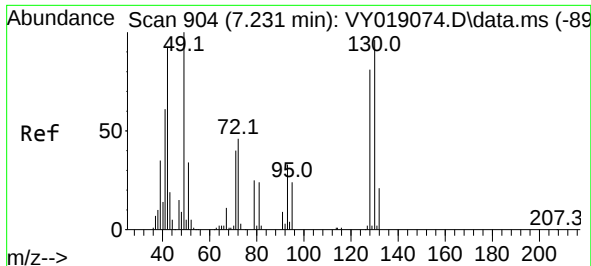
Tgt Ion: 78 Resp: 238669

Ion Ratio Lower Upper

78 100

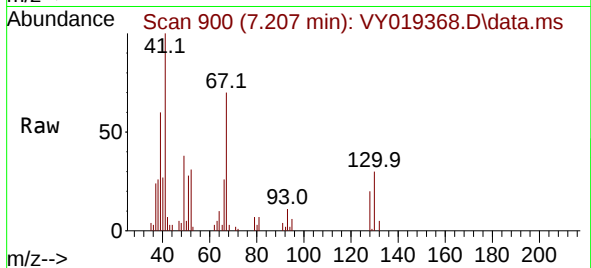
77 23.3 19.5 29.3



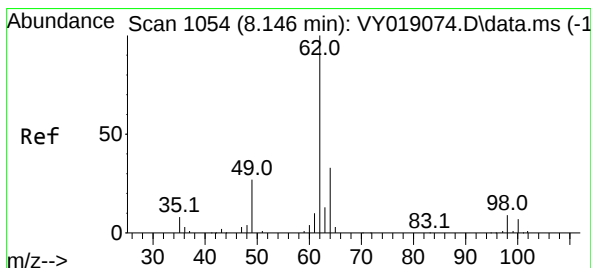
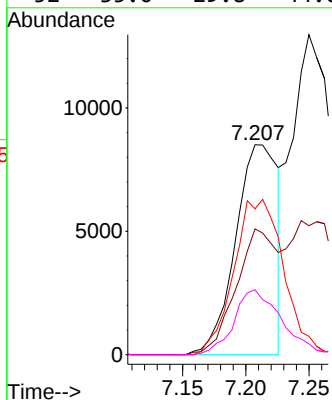
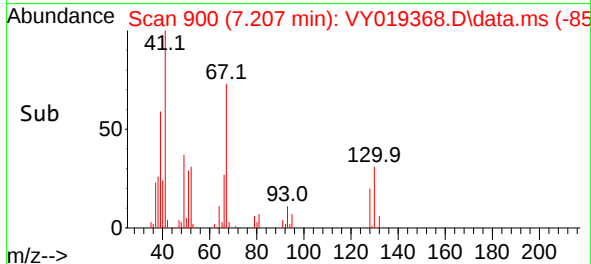


#41
Methacrylonitrile
Concen: 53.706 ug/l
RT: 7.207 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Instrument :
MSVOA_Y
ClientSampleId :

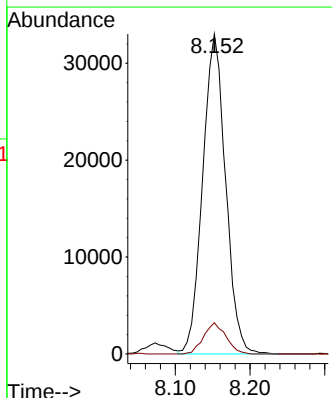
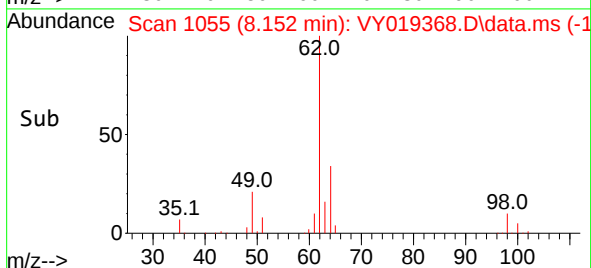
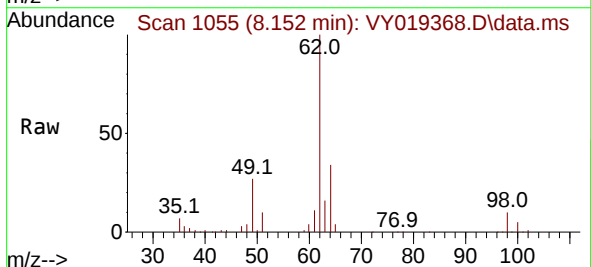


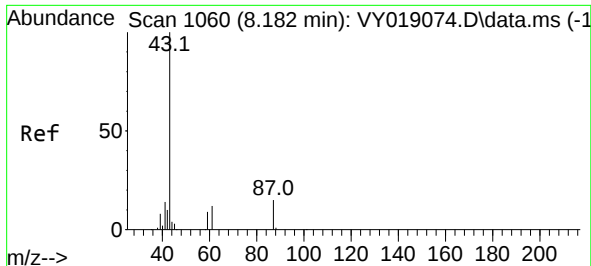
Tgt Ion: 41	Resp: 19692
Ion Ratio	Lower Upper
41 100	
39 57.7	48.0 72.0
67 87.5	75.1 112.7
52 35.0	29.8 44.6



#42
1,2-Dichloroethane
Concen: 55.994 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion: 62	Resp: 70317
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 22.0





#43

Isopropyl Acetate

Concen: 53.094 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. 0.012 min

Lab File: VY019368.D

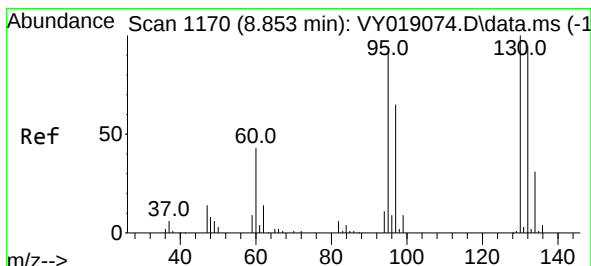
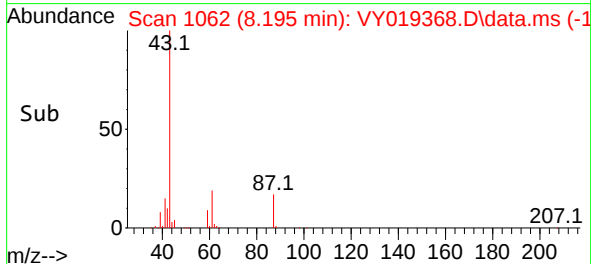
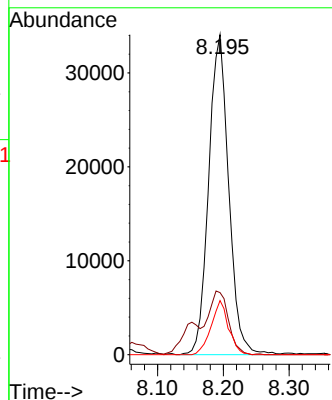
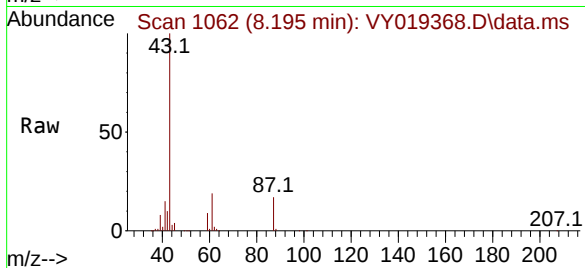
Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 72134
Ion Ratio	Lower Upper
43	100
61	20.2 27.9 41.9#
87	14.7 13.1 19.7



#44

Trichloroethene

Concen: 49.726 ug/l

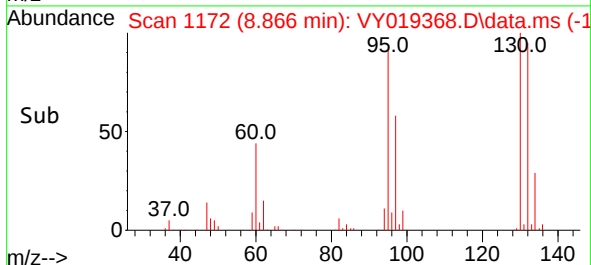
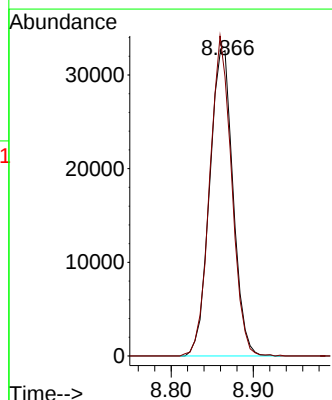
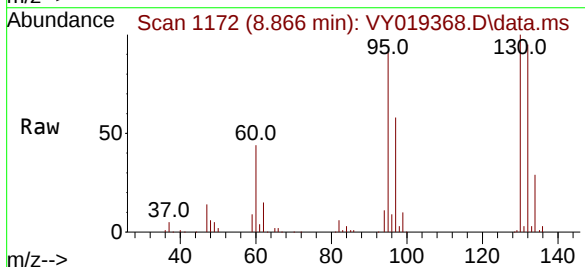
RT: 8.866 min Scan# 1172

Delta R.T. 0.012 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Tgt Ion: 130	Resp: 64523
Ion Ratio	Lower Upper
130	100
95	91.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.884 ug/l

RT: 9.140 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

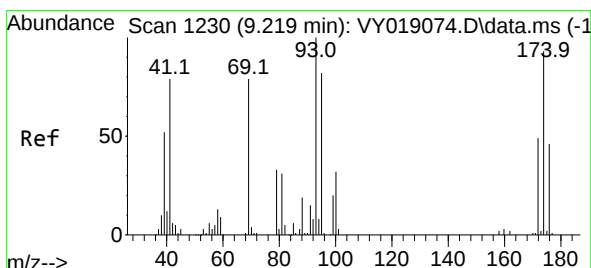
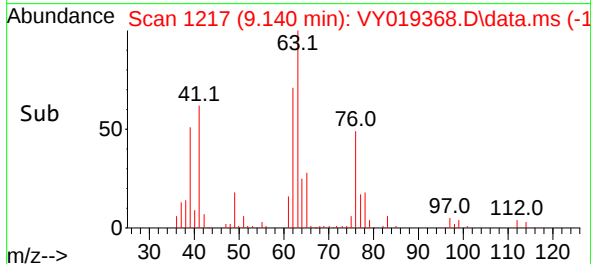
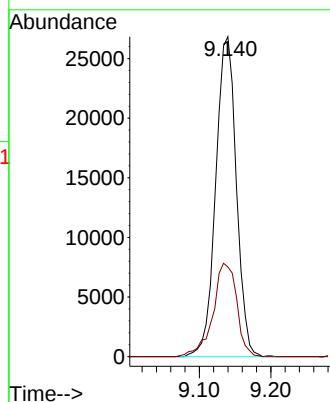
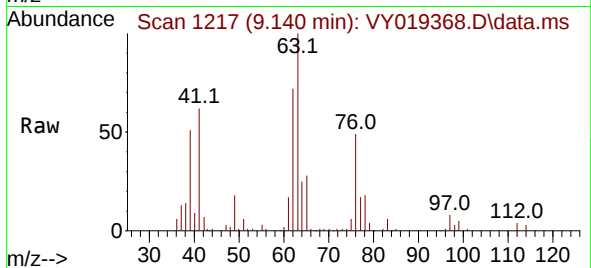
ClientSampleId :

Tgt Ion: 63 Resp: 53757

Ion Ratio Lower Upper

63 100

65 28.0 25.4 38.2



#46

Dibromomethane

Concen: 53.133 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.012 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

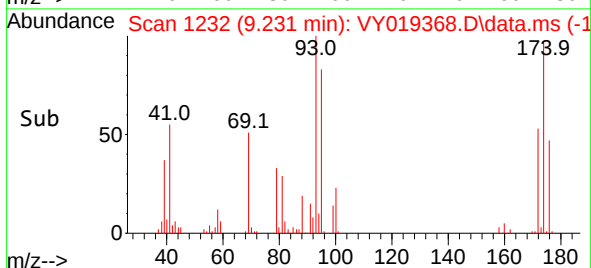
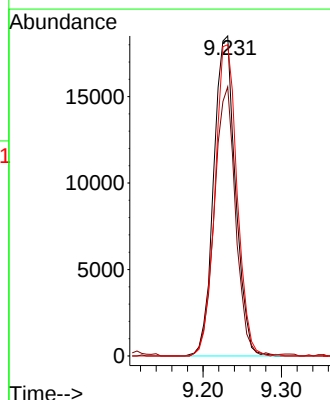
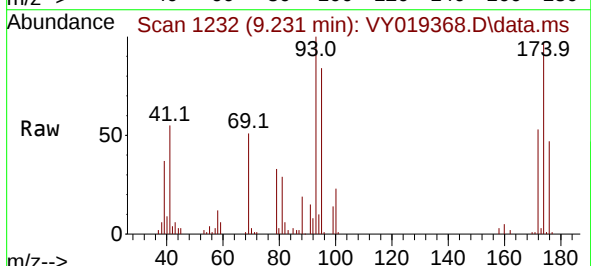
Tgt Ion: 93 Resp: 35706

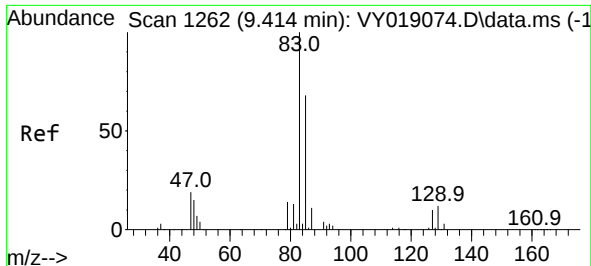
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

174 98.7 80.9 121.3





#47

Bromodichloromethane

Concen: 55.460 ug/l

RT: 9.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019368.D

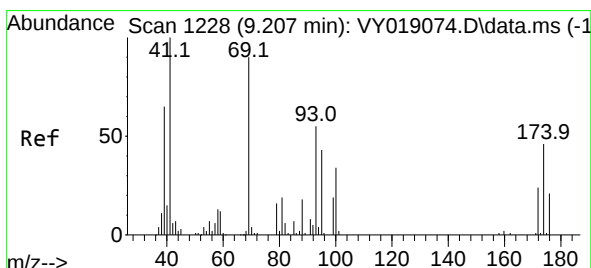
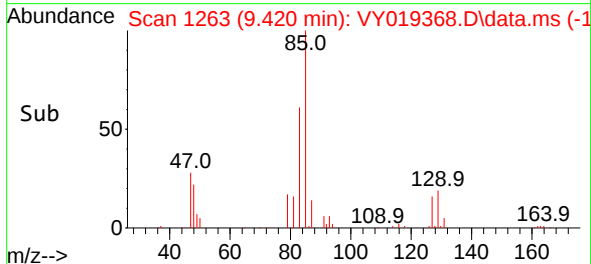
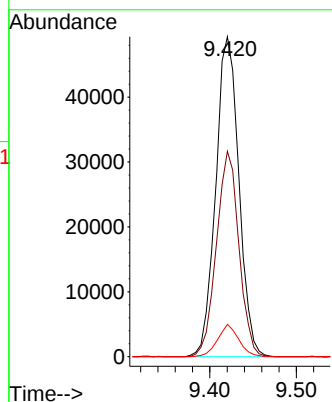
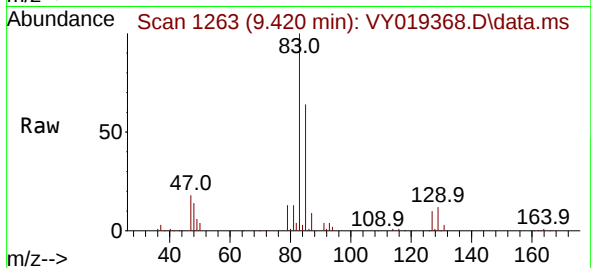
Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 91438
Ion Ratio	Lower Upper
83 100	
85 64.2	50.1 75.1
127 10.1	7.4 11.0



#48

Methyl methacrylate

Concen: 55.775 ug/l

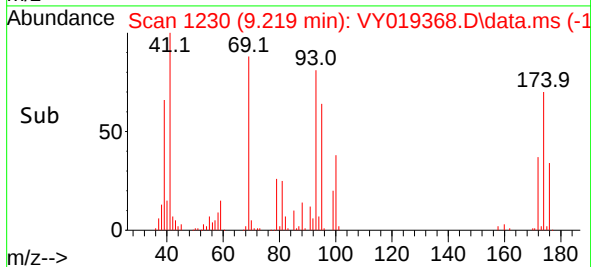
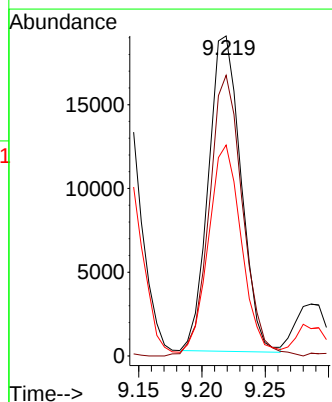
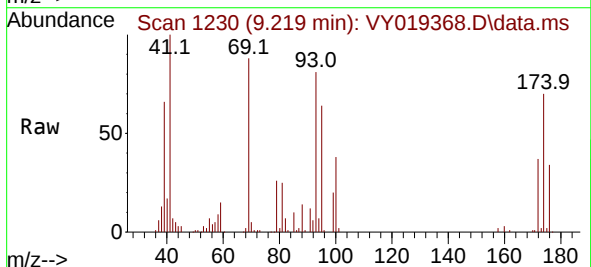
RT: 9.219 min Scan# 1230

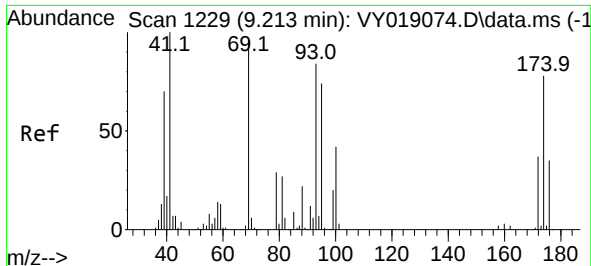
Delta R.T. 0.012 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Tgt Ion: 41	Resp: 33771
Ion Ratio	Lower Upper
41 100	
69 90.9	84.1 126.1
39 68.5	43.6 65.4#





#49

1,4-Dioxane

Concen: 982.733 ug/l

RT: 9.231 min Scan# 1229

Delta R.T. 0.019 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

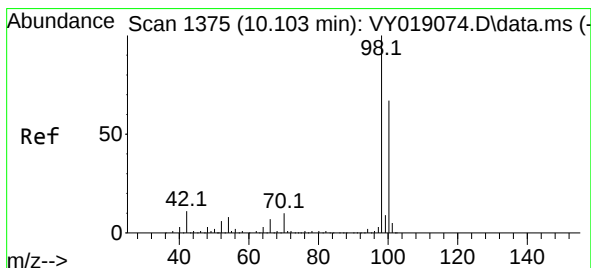
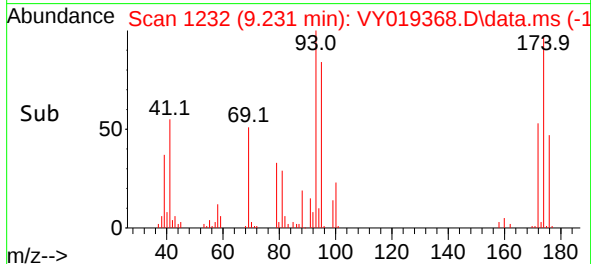
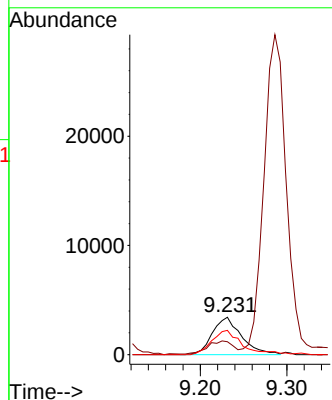
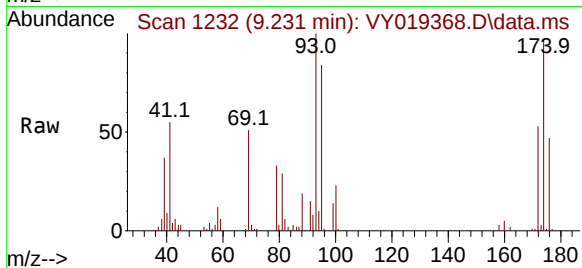
Tgt Ion: 88 Resp: 8000

Ion Ratio Lower Upper

88 100

43 30.4 0.0 0.0#

58 67.6 49.3 73.9



#50

Toluene-d8

Concen: 48.580 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019368.D

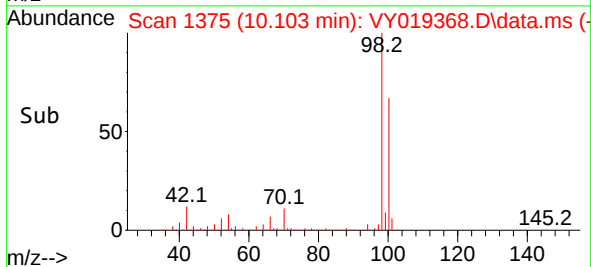
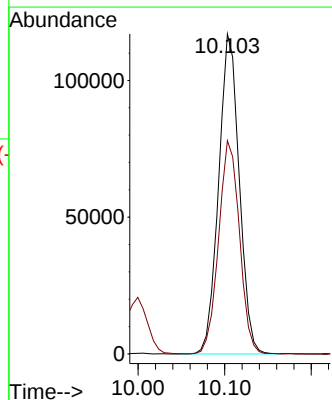
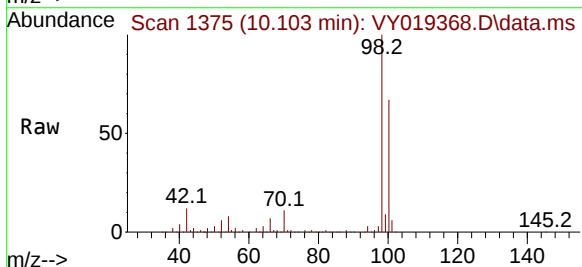
Acq: 29 Aug 2024 09:07

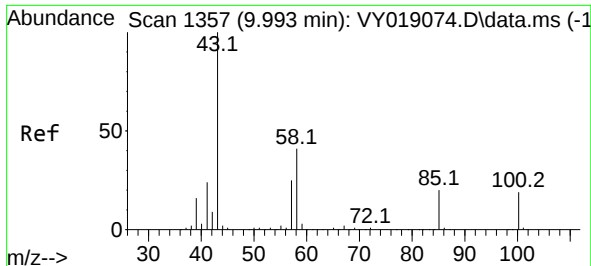
Tgt Ion: 98 Resp: 193042

Ion Ratio Lower Upper

98 100

100 67.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 284.294 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

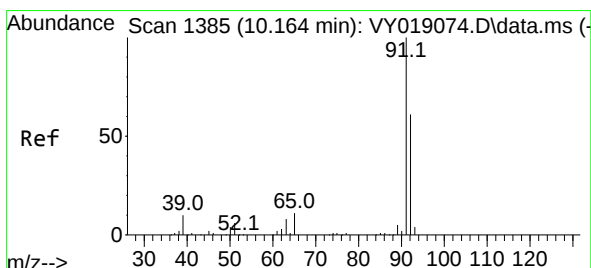
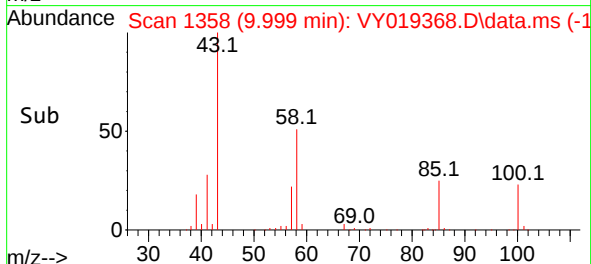
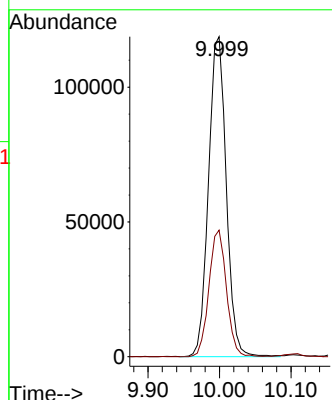
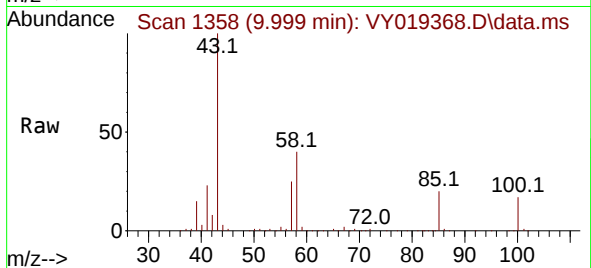
ClientSampleId :

Tgt Ion: 43 Resp: 205003

Ion Ratio Lower Upper

43 100

58 38.9 35.7 53.5



#52

Toluene

Concen: 53.307 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019368.D

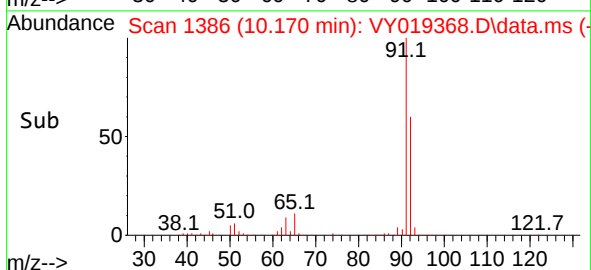
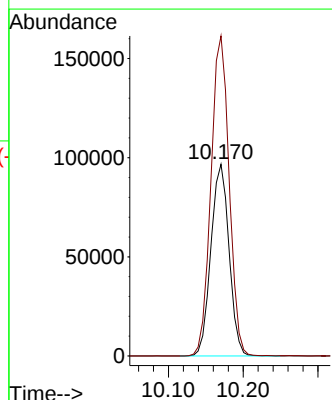
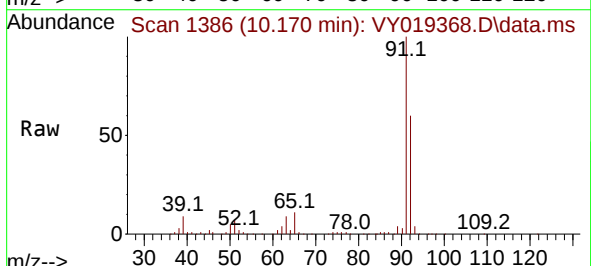
Acq: 29 Aug 2024 09:07

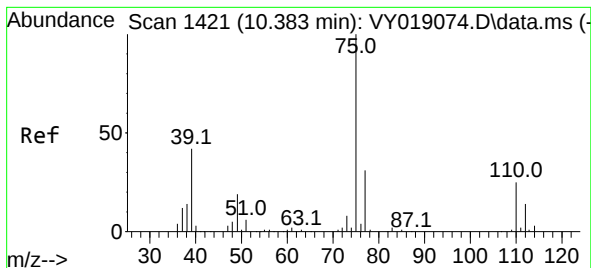
Tgt Ion: 92 Resp: 162724

Ion Ratio Lower Upper

92 100

91 167.7 139.0 208.6

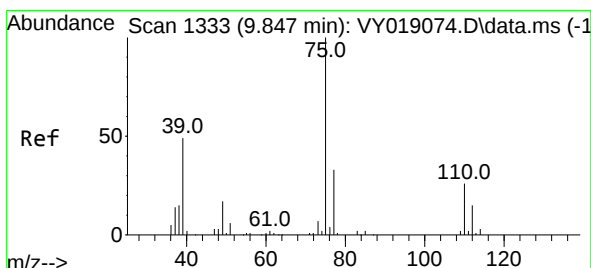
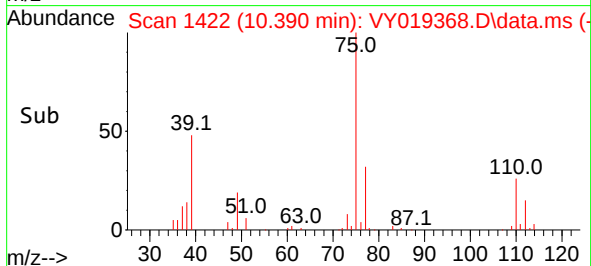
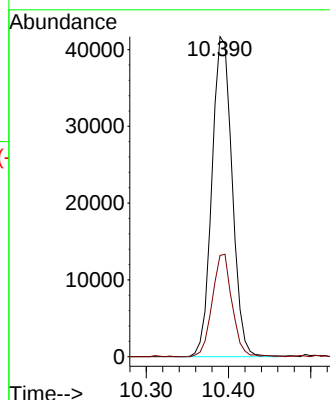
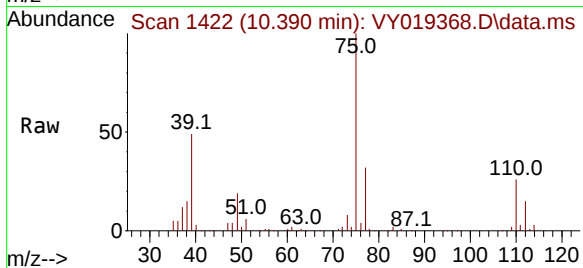




#53
 t-1,3-Dichloropropene
 Concen: 52.116 ug/l
 RT: 10.390 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VY019368.D
 Acq: 29 Aug 2024 09:07

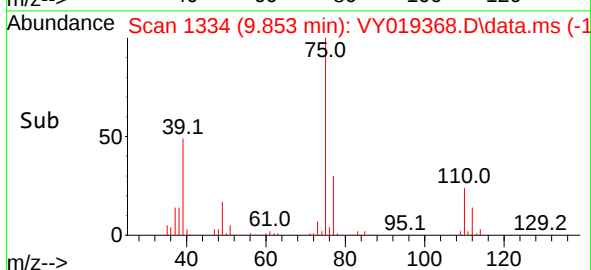
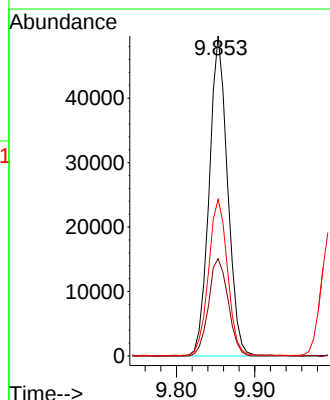
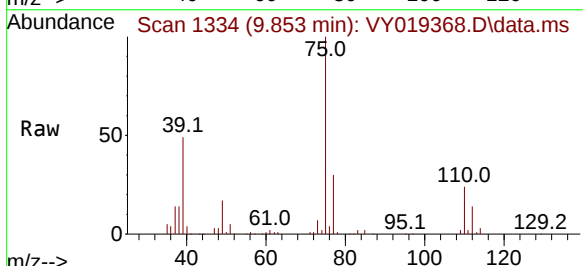
Instrument :
 MSVOA_Y
 ClientSampleId :

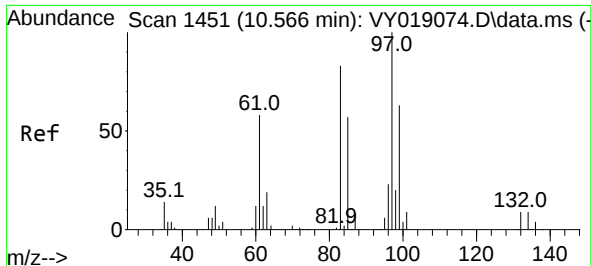
Tgt Ion: 75 Resp: 71277
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 49.150 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.006 min
 Lab File: VY019368.D
 Acq: 29 Aug 2024 09:07

Tgt Ion: 75 Resp: 80842
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0
 39 48.8 29.8 44.6#

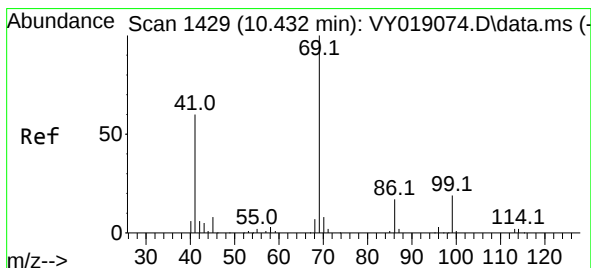
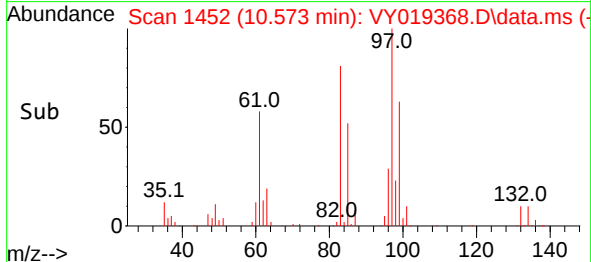
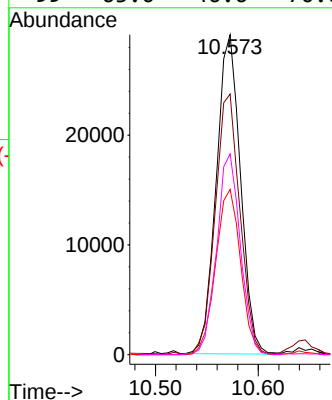
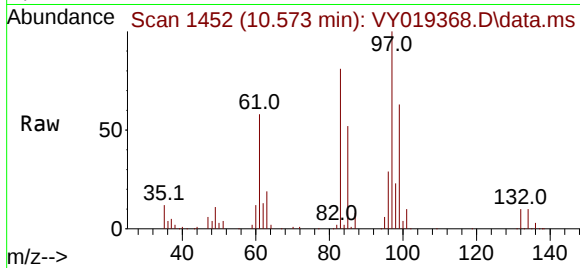




#55
1,1,2-Trichloroethane
Concen: 55.024 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

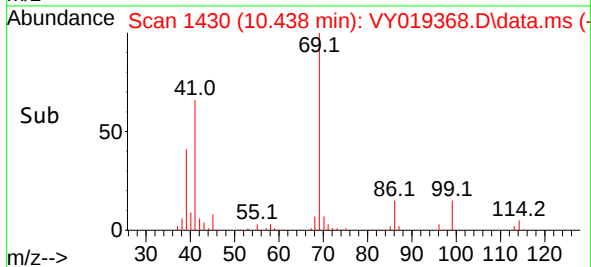
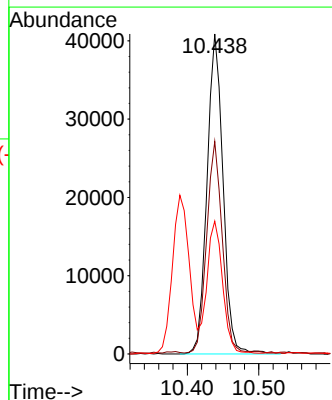
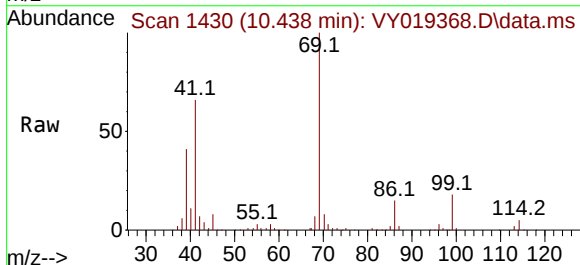
Instrument :
MSVOA_Y
ClientSampleId :

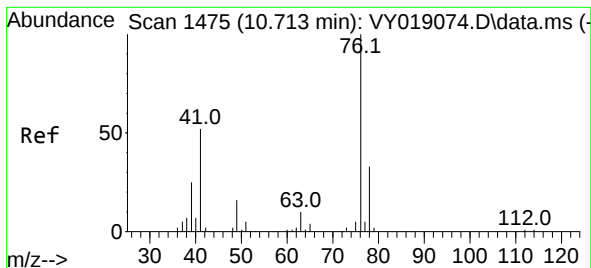
Tgt Ion: 97	Resp: 47602
Ion Ratio	Lower Upper
97 100	
83 81.3	67.5 101.3
85 51.8	42.9 64.3
99 63.0	46.6 70.0



#56
Ethyl methacrylate
Concen: 56.201 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion: 69	Resp: 63639
Ion Ratio	Lower Upper
69 100	
41 64.6	42.3 63.5#
39 40.4	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.802 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

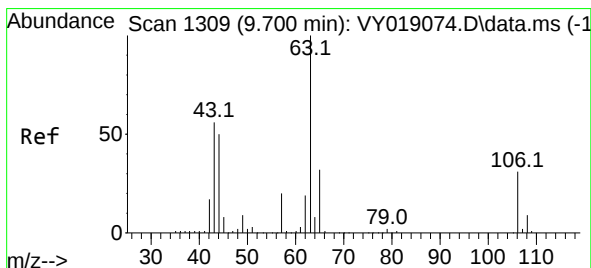
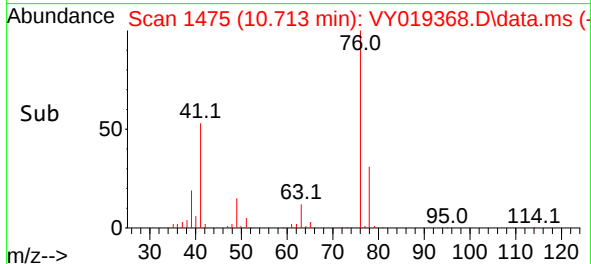
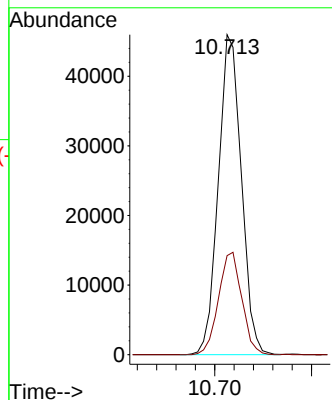
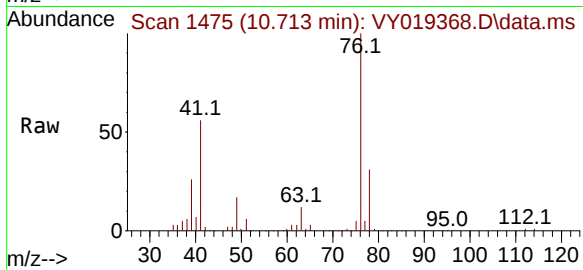
ClientSampleId :

Tgt Ion: 76 Resp: 75875

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 280.197 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019368.D

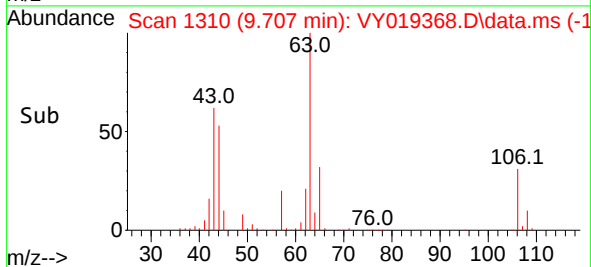
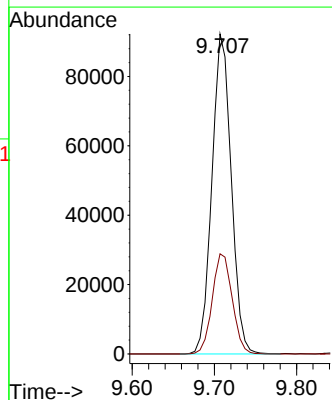
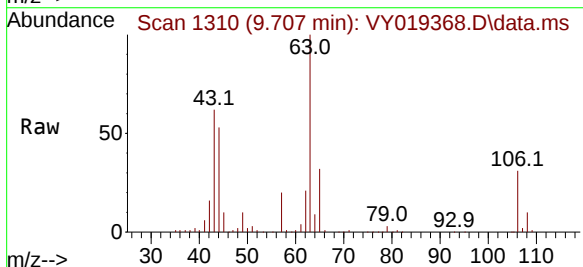
Acq: 29 Aug 2024 09:07

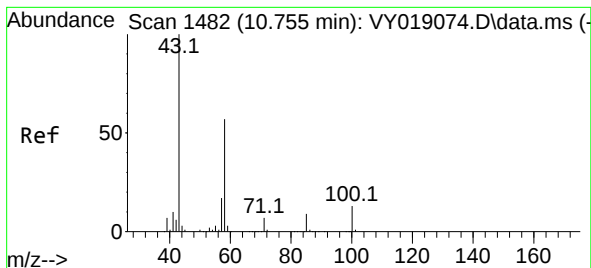
Tgt Ion: 63 Resp: 150518

Ion Ratio Lower Upper

63 100

106 32.2 23.7 35.5

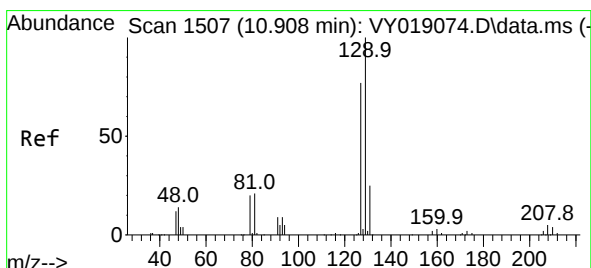
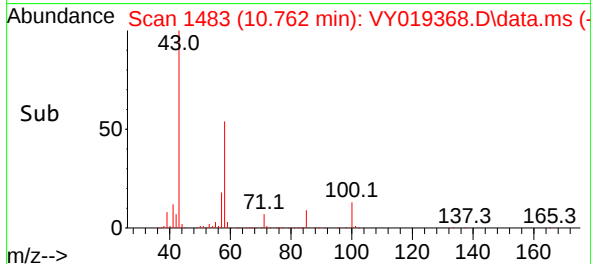
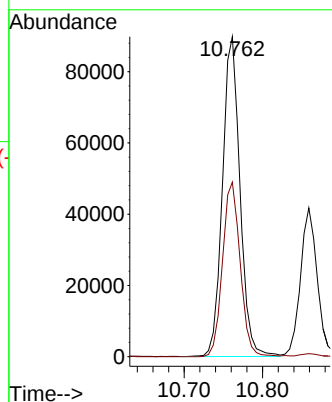
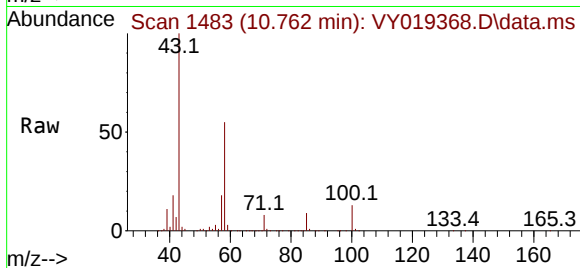




#59
2-Hexanone
Concen: 282.327 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

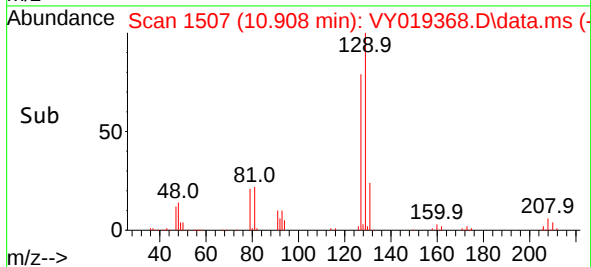
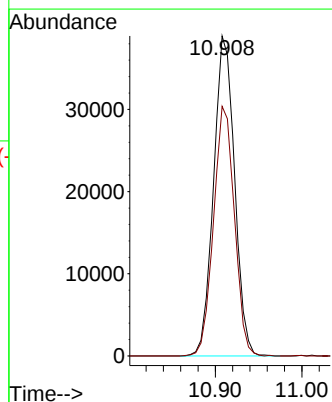
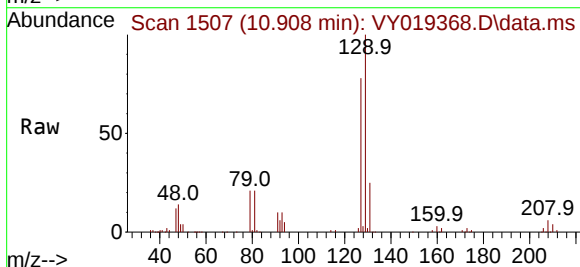
Instrument :
MSVOA_Y
ClientSampleId :

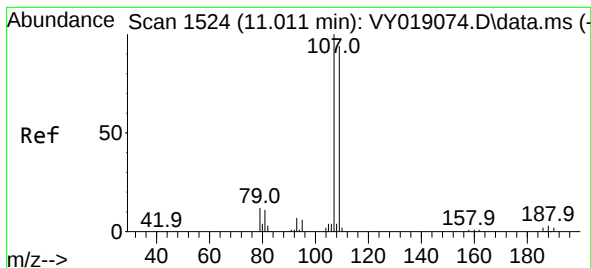
Tgt Ion: 43 Resp: 139867
Ion Ratio Lower Upper
43 100
58 54.9 31.4 94.0



#60
Dibromochloromethane
Concen: 55.591 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion: 129 Resp: 65503
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.080 ug/l

RT: 11.011 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

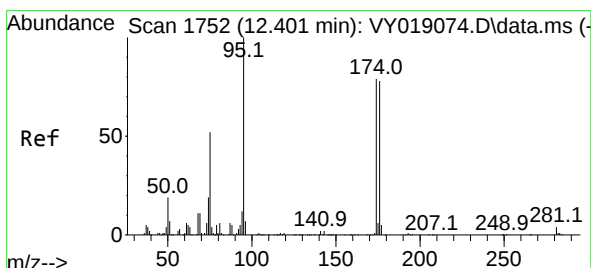
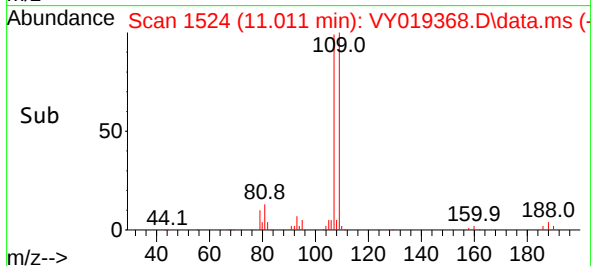
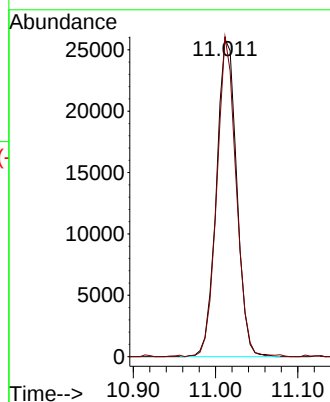
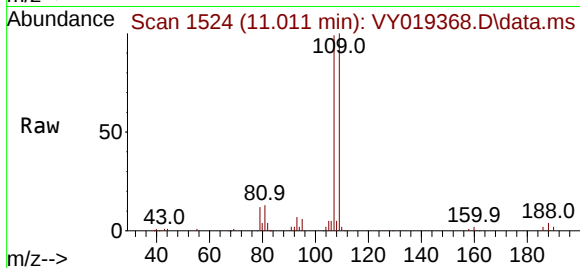
ClientSampleId :

Tgt Ion:107 Resp: 44383

Ion Ratio Lower Upper

107 100

109 95.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.857 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

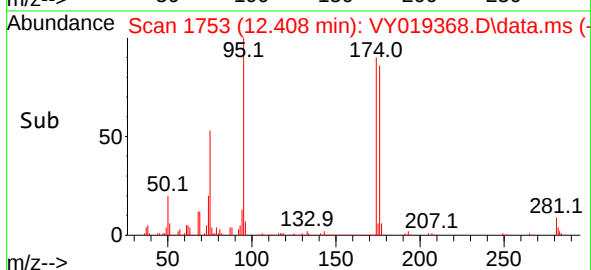
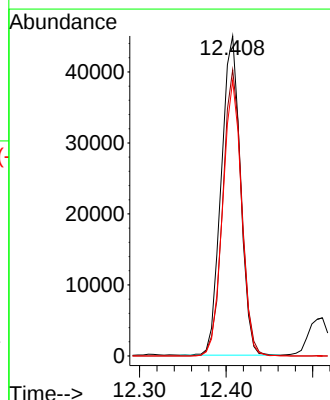
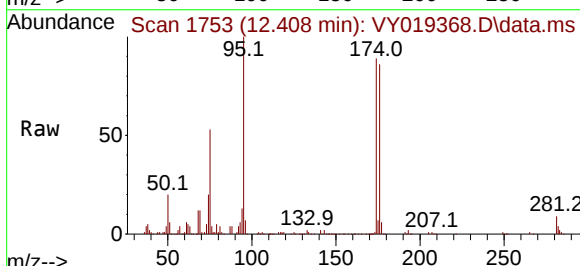
Tgt Ion: 95 Resp: 68892

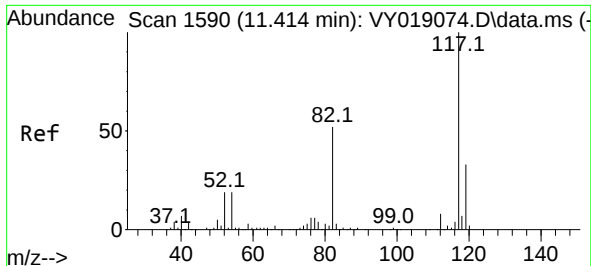
Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.6

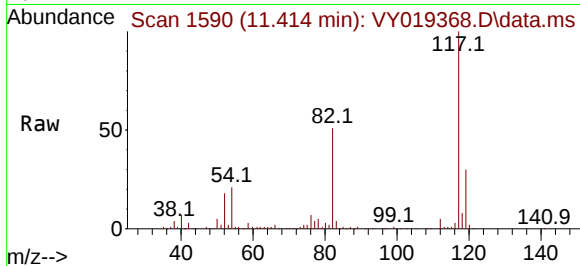
176 85.2 0.0 171.4



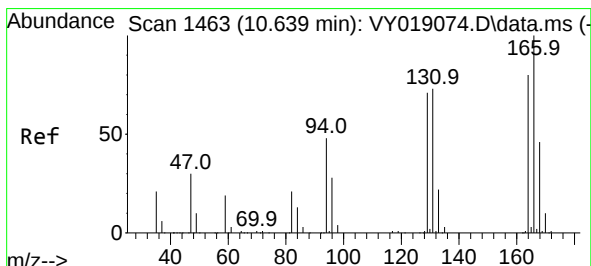
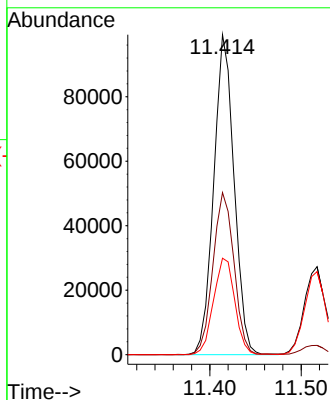
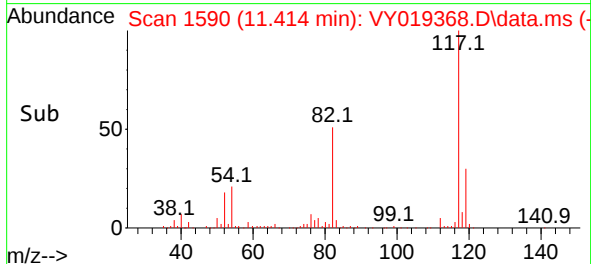


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

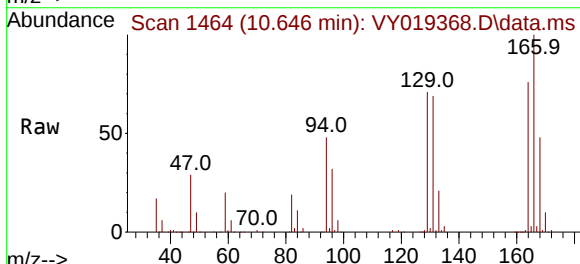
Instrument :
MSVOA_Y
ClientSampleId :



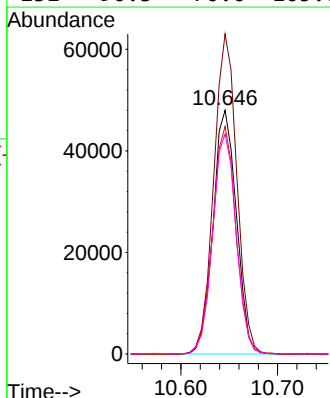
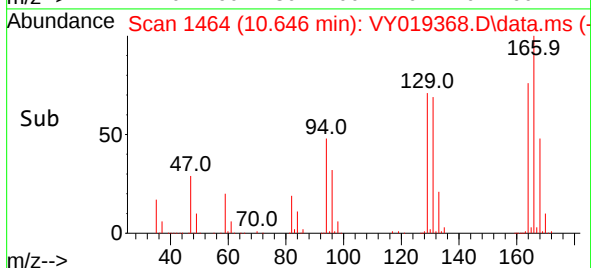
Tgt Ion:117 Resp: 153504
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 30.2 25.9 38.9

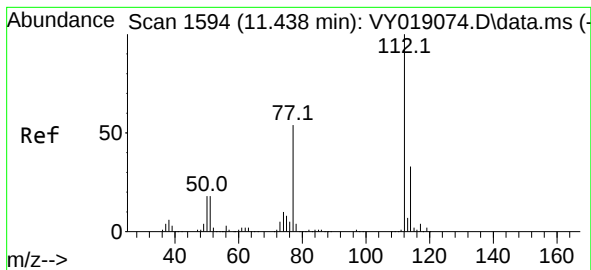


#64
Tetrachloroethene
Concen: 59.854 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07



Tgt Ion:164 Resp: 80309
Ion Ratio Lower Upper
164 100
166 131.3 102.6 154.0
129 93.4 72.0 108.0
131 90.3 70.0 105.0





#65

Chlorobenzene

Concen: 51.108 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

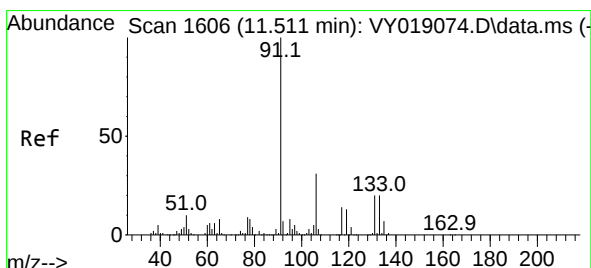
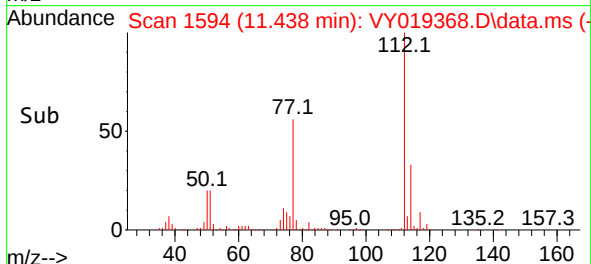
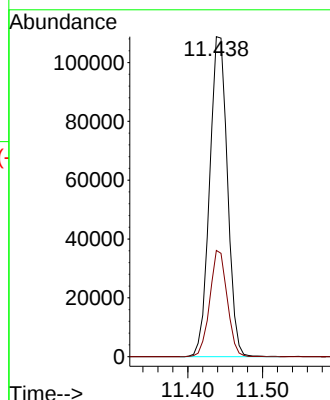
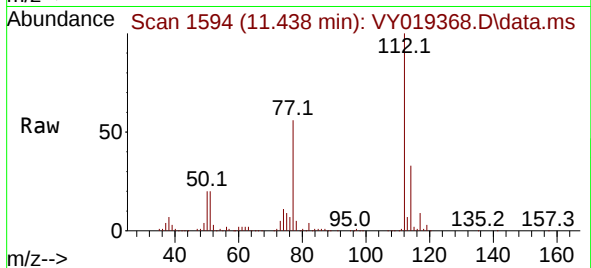
ClientSampleId :

Tgt Ion:112 Resp: 180648

Ion Ratio Lower Upper

112 100

114 33.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 53.276 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

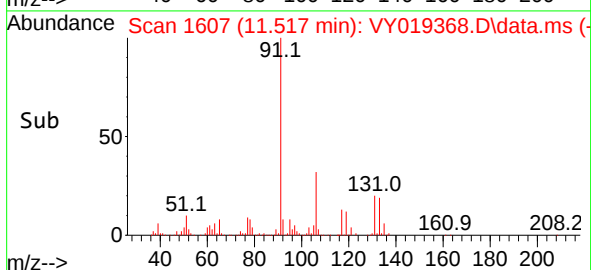
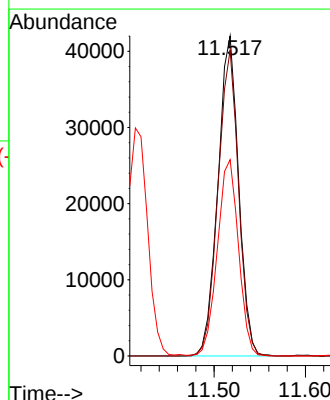
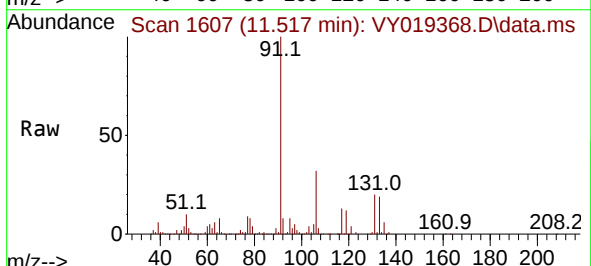
Tgt Ion:131 Resp: 66223

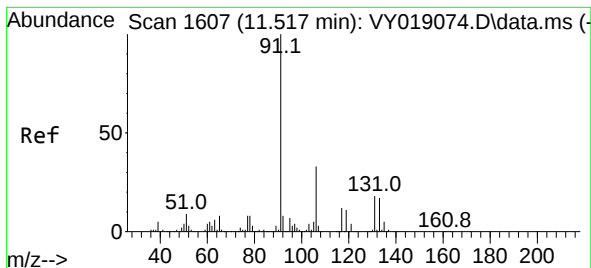
Ion Ratio Lower Upper

131 100

133 94.7 47.8 143.3

119 62.6 34.1 102.2





#67

Ethyl Benzene

Concen: 50.445 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

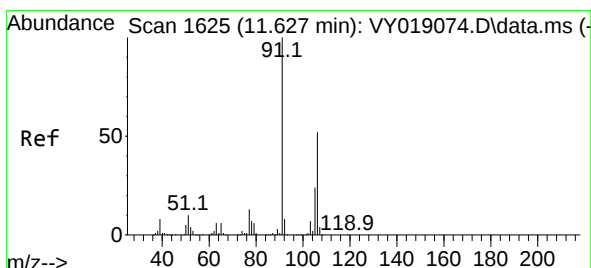
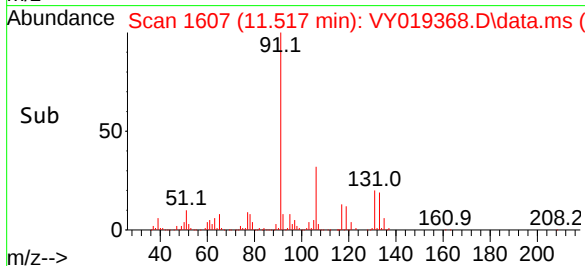
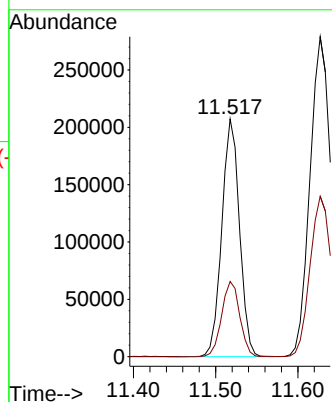
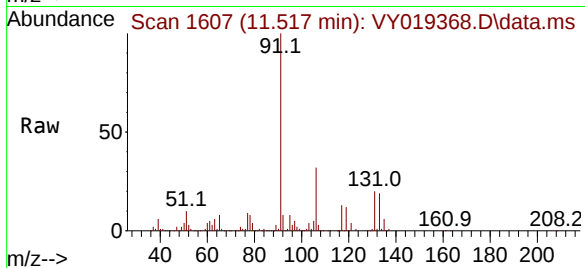
ClientSampleId :

Tgt Ion: 91 Resp: 309476

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 102.500 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019368.D

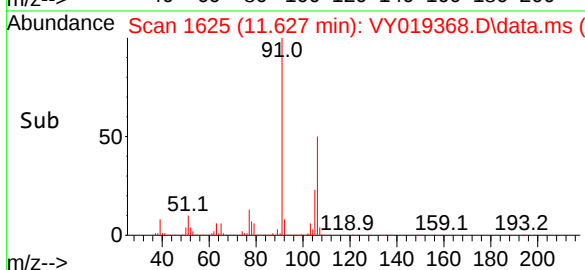
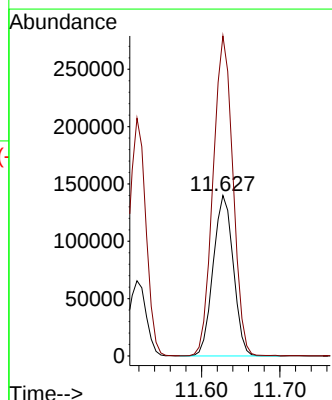
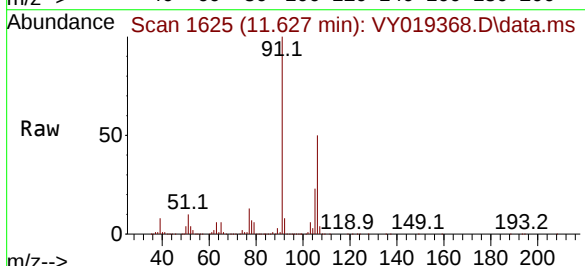
Acq: 29 Aug 2024 09:07

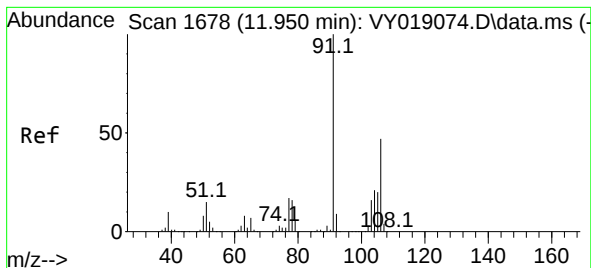
Tgt Ion:106 Resp: 249514

Ion Ratio Lower Upper

106 100

91 197.4 156.0 234.0





#69

o-Xylene

Concen: 52.903 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

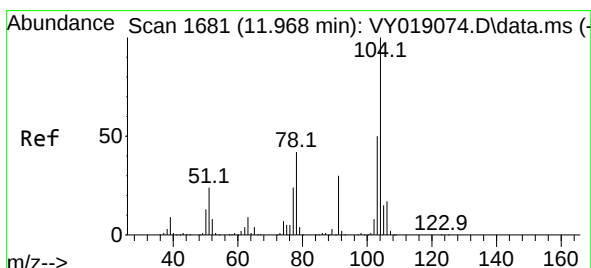
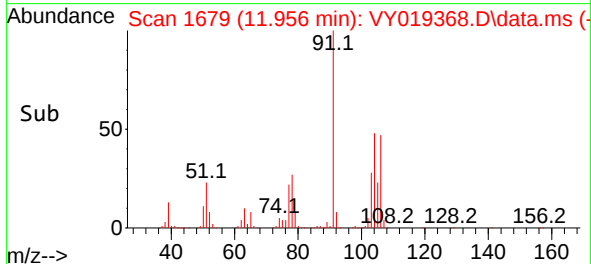
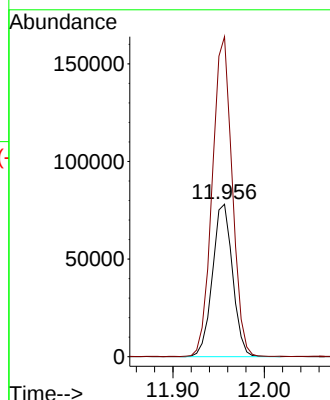
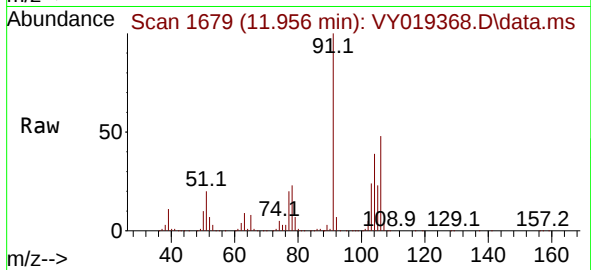
ClientSampleId :

Tgt Ion:106 Resp: 119256

Ion Ratio Lower Upper

106 100

91 208.1 103.6 310.8



#70

Styrene

Concen: 53.938 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

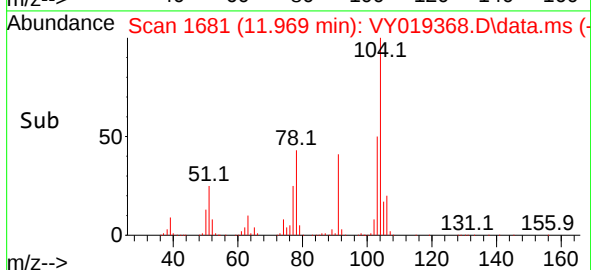
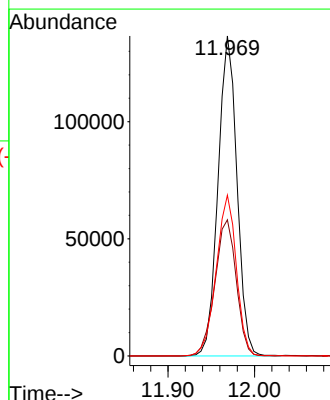
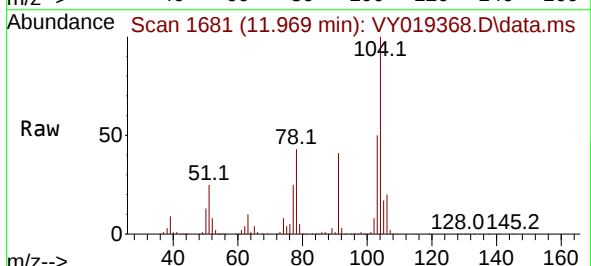
Tgt Ion:104 Resp: 207344

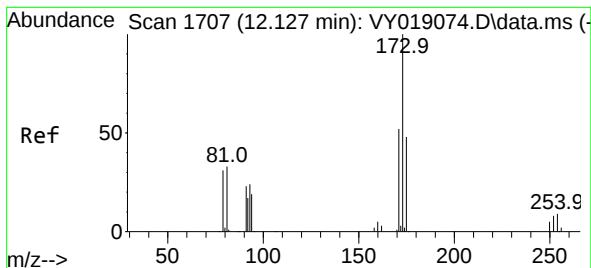
Ion Ratio Lower Upper

104 100

78 48.0 37.0 55.4

103 53.7 44.2 66.2





#71

Bromoform

Concen: 54.511 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

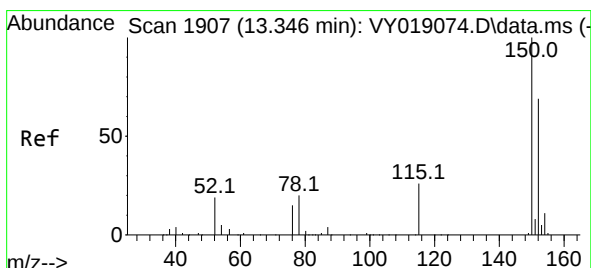
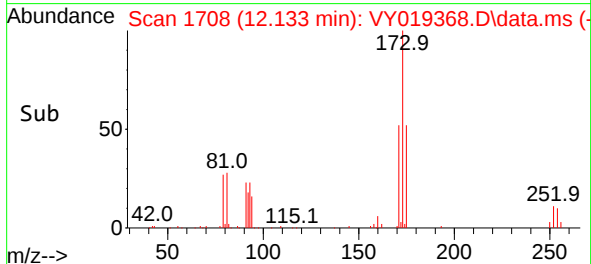
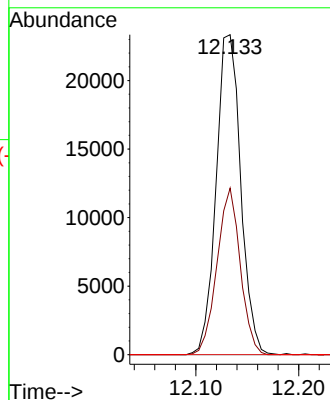
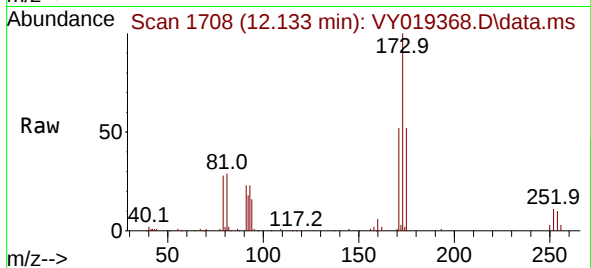
Tgt Ion:173 Resp: 38733

Ion Ratio Lower Upper

173 100

175 49.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

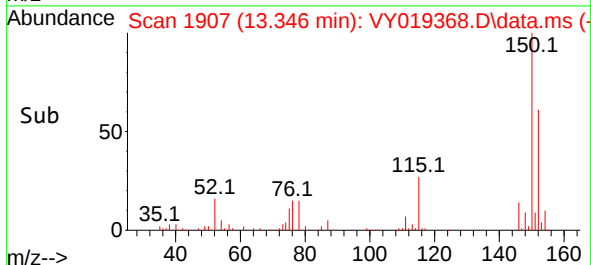
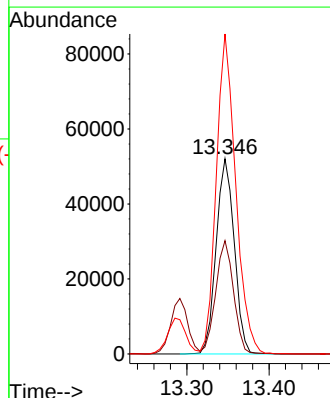
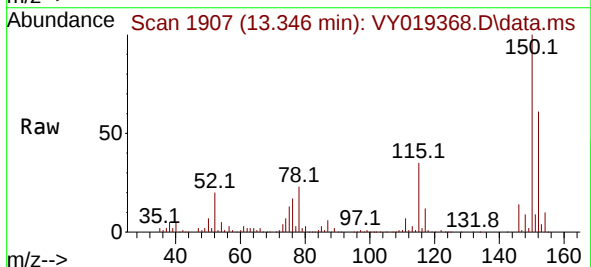
Tgt Ion:152 Resp: 79635

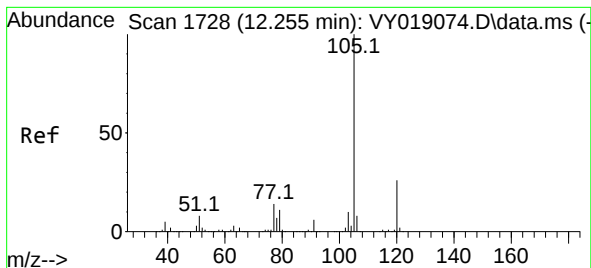
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 175.3 0.0 345.6





#73

Isopropylbenzene

Concen: 50.540 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

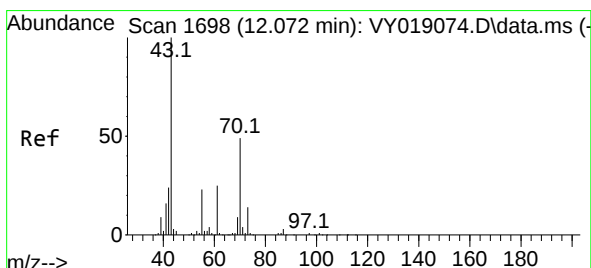
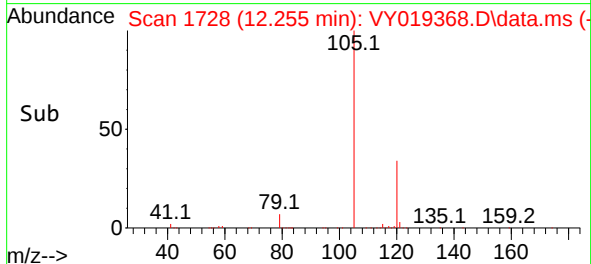
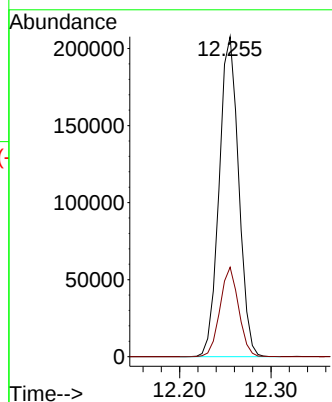
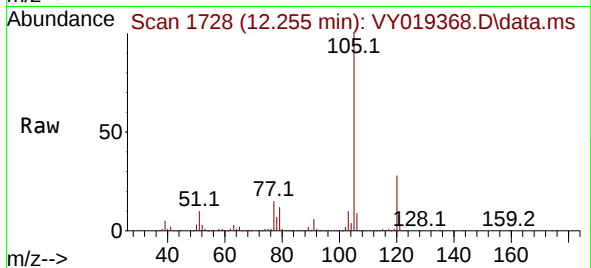
ClientSampleId :

Tgt Ion:105 Resp: 308475

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 51.830 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Tgt Ion: 43 Resp: 68983

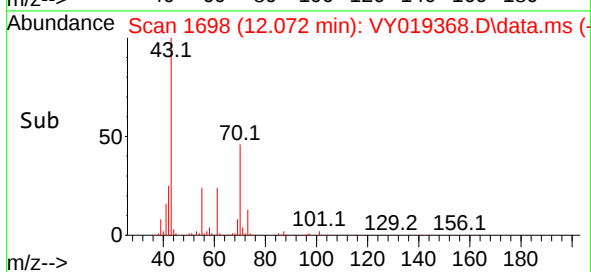
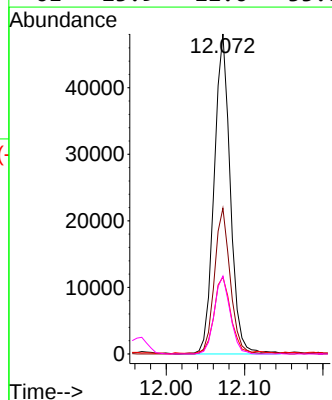
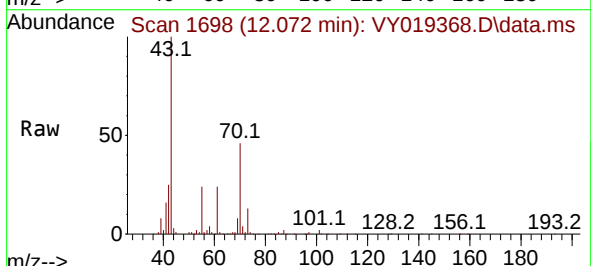
Ion Ratio Lower Upper

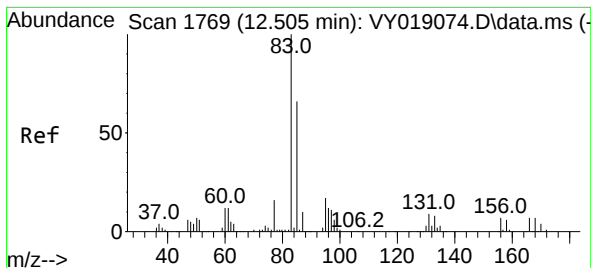
43 100

70 44.3 41.4 62.2

55 25.3 23.3 34.9

61 23.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.416 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

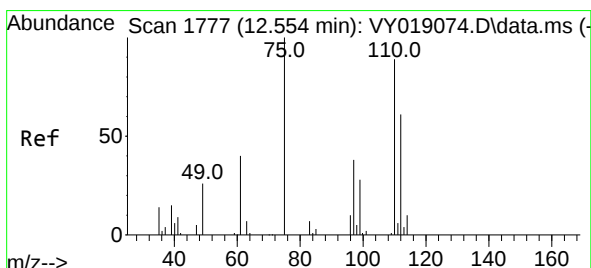
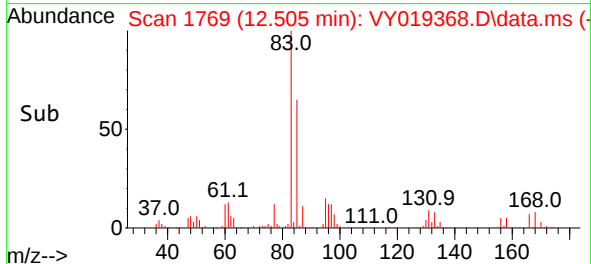
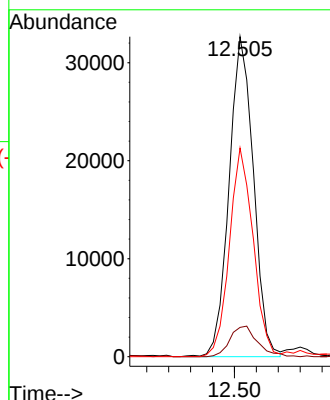
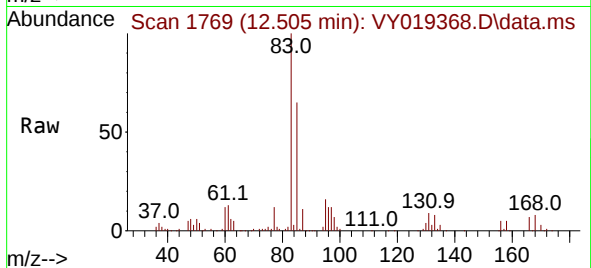
Tgt Ion: 83 Resp: 50437

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 63.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 82.022 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019368.D

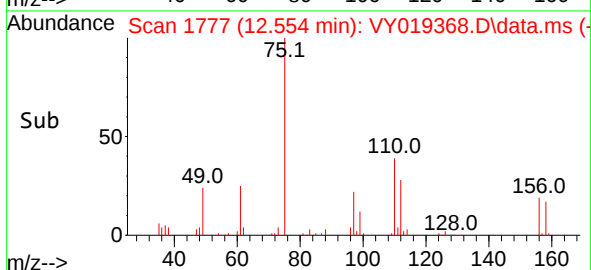
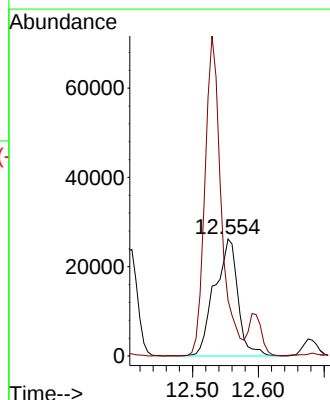
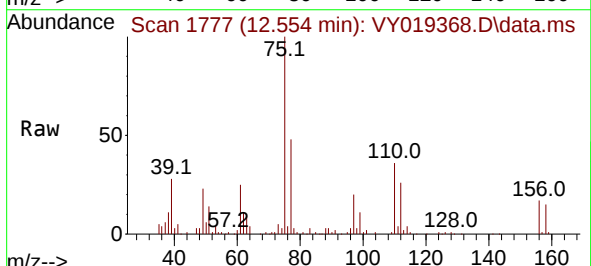
Acq: 29 Aug 2024 09:07

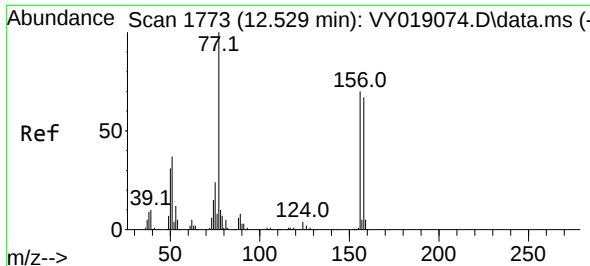
Tgt Ion: 75 Resp: 64416

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

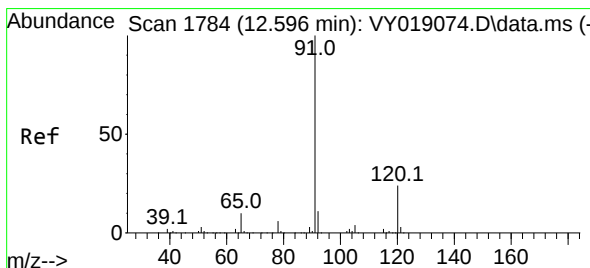
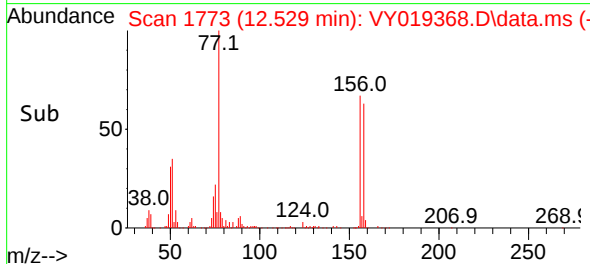
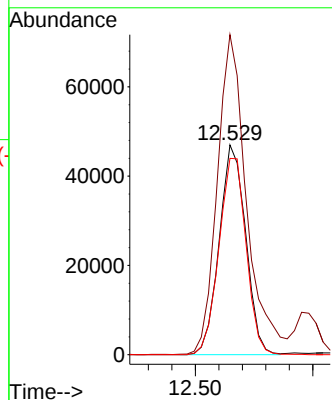
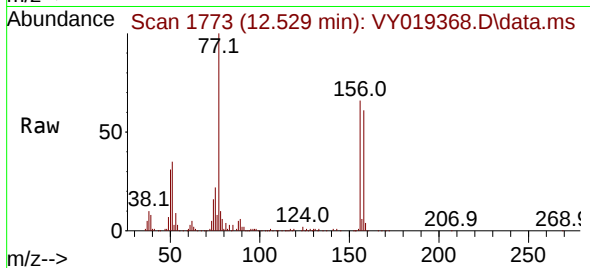




#77
Bromobenzene
Concen: 50.220 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

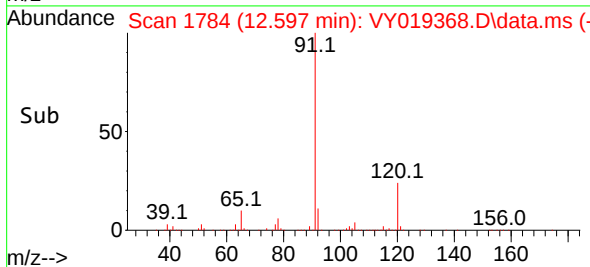
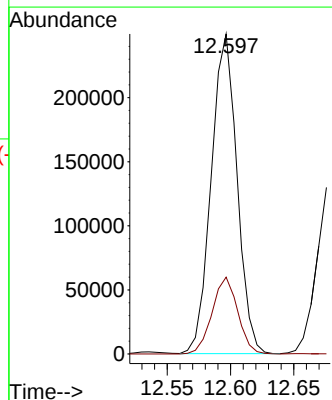
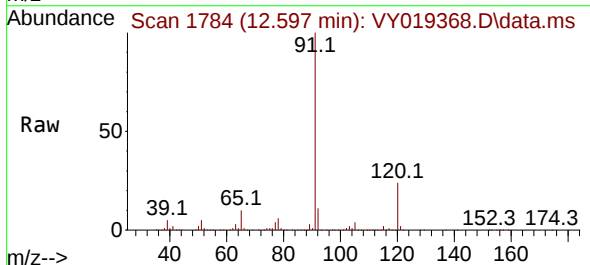
Instrument :
MSVOA_Y
ClientSampleId :

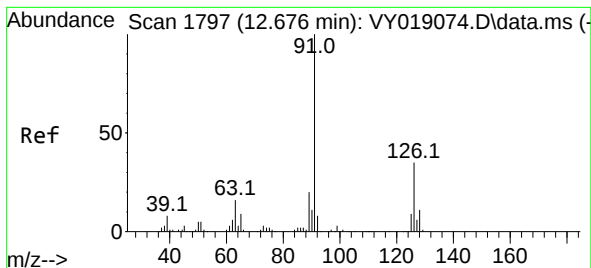
Tgt Ion:156 Resp: 73614
Ion Ratio Lower Upper
156 100
77 169.4 87.1 261.3
158 96.1 48.6 145.9



#78
n-propylbenzene
Concen: 48.470 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion: 91 Resp: 353664
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.155 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

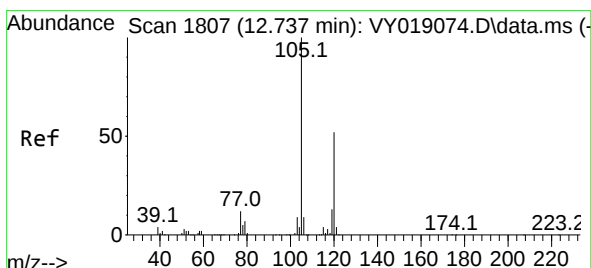
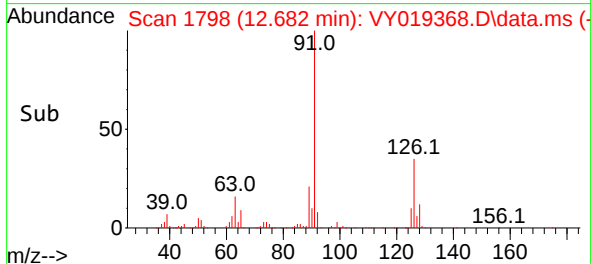
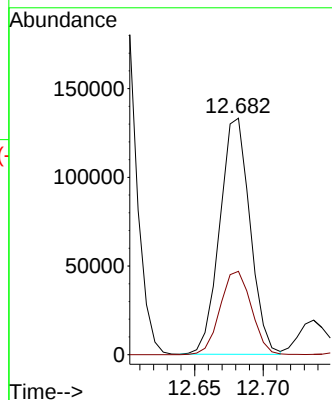
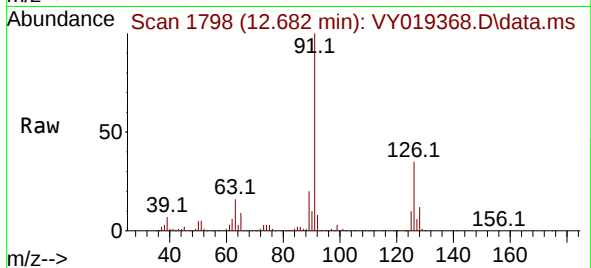
ClientSampleId :

Tgt Ion: 91 Resp: 205171

Ion Ratio Lower Upper

91 100

126 36.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 50.561 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019368.D

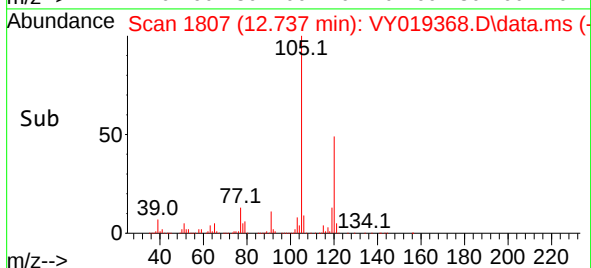
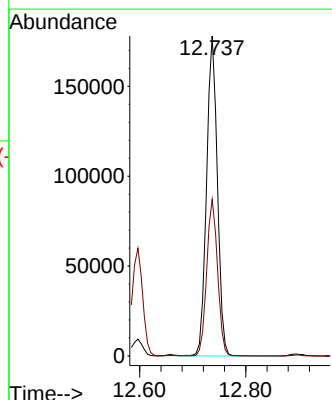
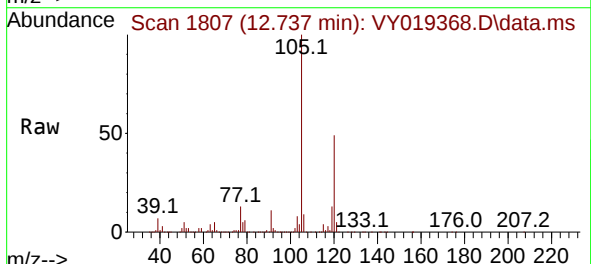
Acq: 29 Aug 2024 09:07

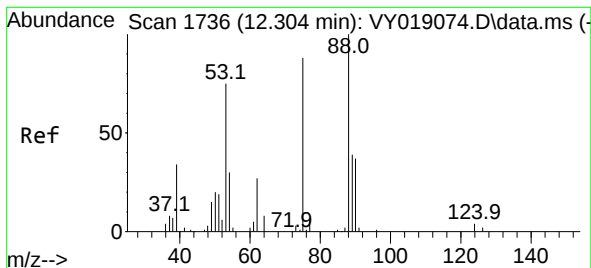
Tgt Ion:105 Resp: 251408

Ion Ratio Lower Upper

105 100

120 49.3 25.1 75.2

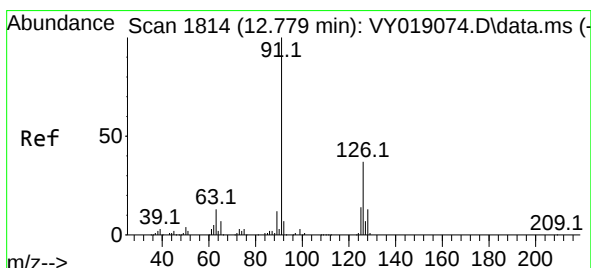
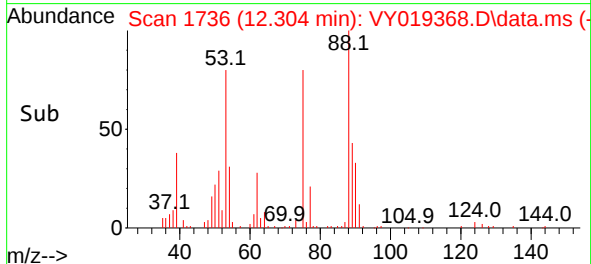
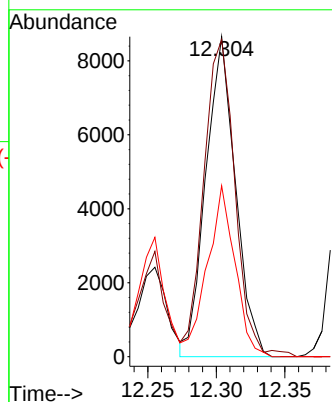
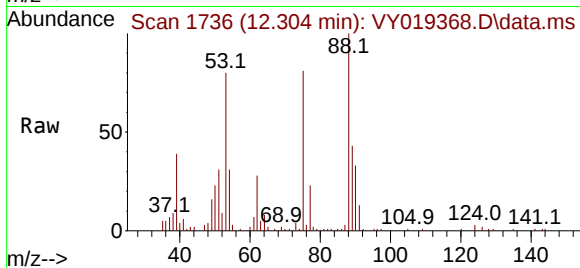




#81
trans-1,4-Dichloro-2-butene
Concen: 40.831 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

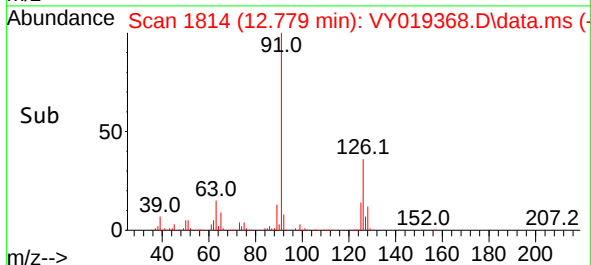
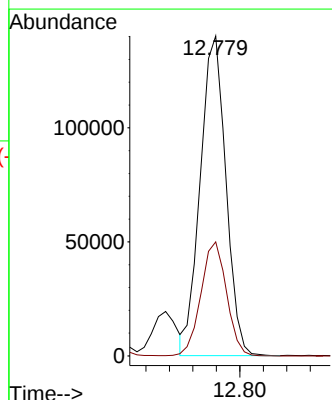
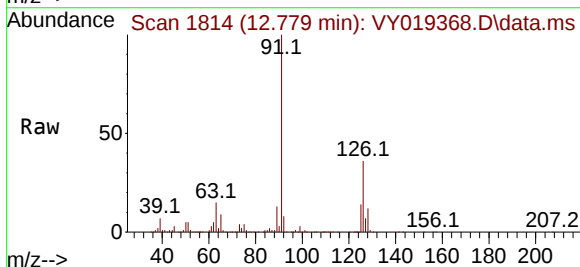
Instrument :
MSVOA_Y
ClientSampleId :

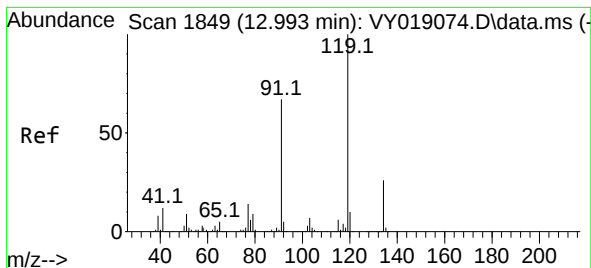
Tgt Ion: 75 Resp: 12984
Ion Ratio Lower Upper
75 100
53 104.0 66.8 100.2#
89 50.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.897 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion: 91 Resp: 212359
Ion Ratio Lower Upper
91 100
126 35.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 48.885 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

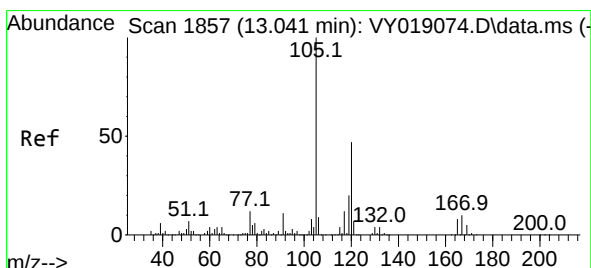
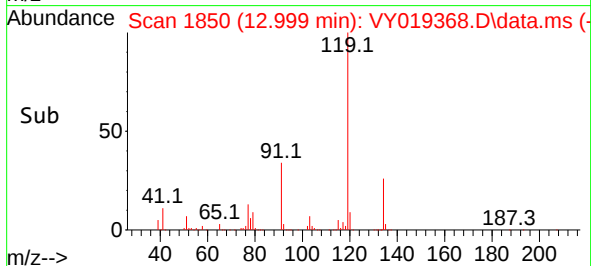
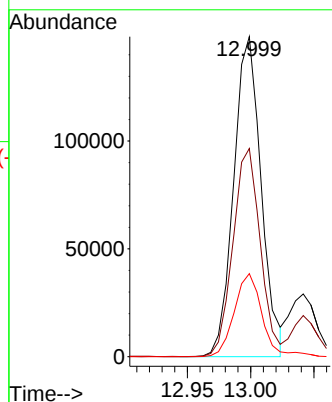
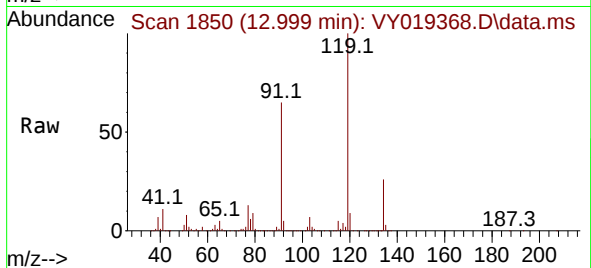
Tgt Ion:119 Resp: 224473

Ion Ratio Lower Upper

119 100

91 64.6 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.615 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019368.D

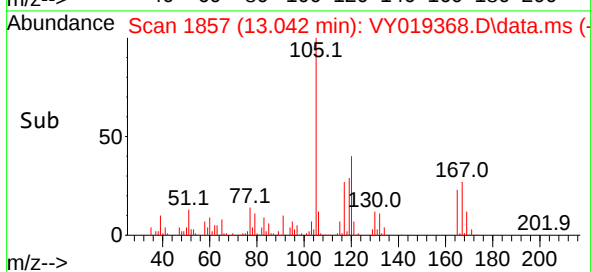
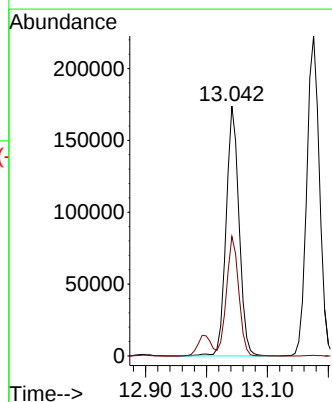
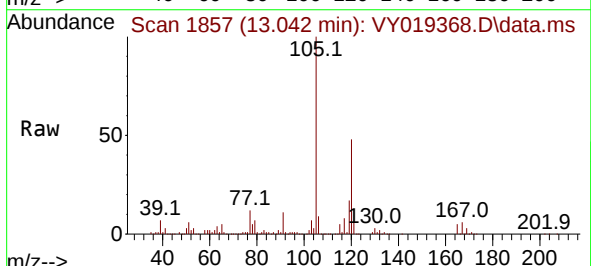
Acq: 29 Aug 2024 09:07

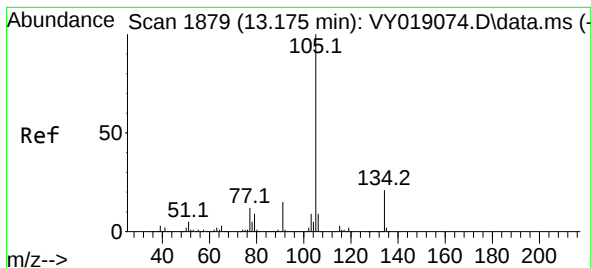
Tgt Ion:105 Resp: 255790

Ion Ratio Lower Upper

105 100

120 45.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 47.809 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

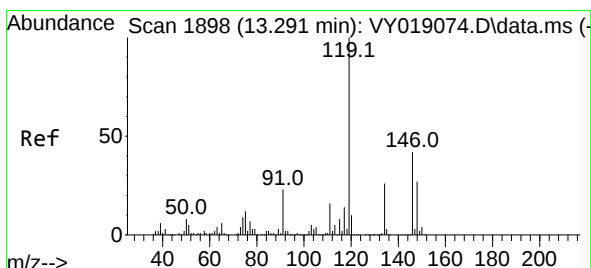
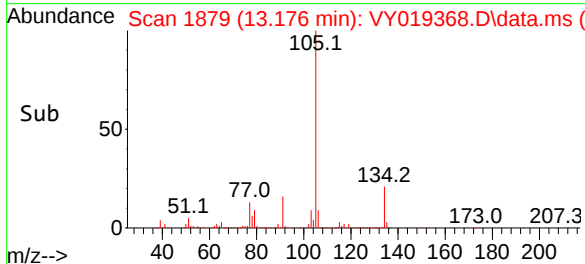
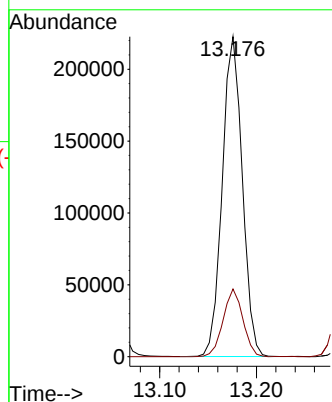
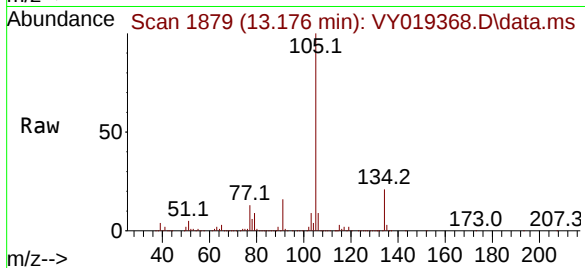
ClientSampleId :

Tgt Ion:105 Resp: 319917

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.841 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

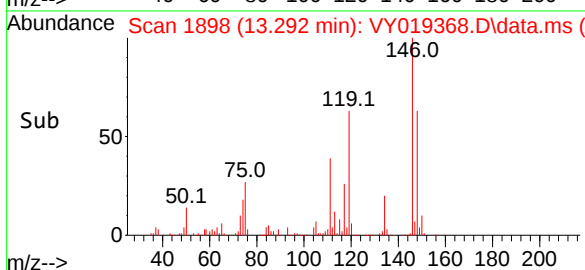
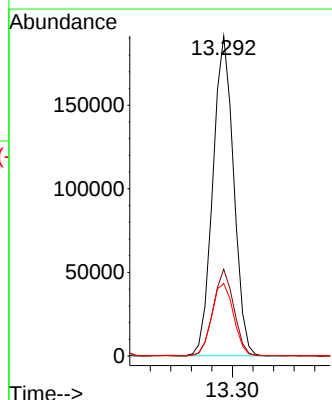
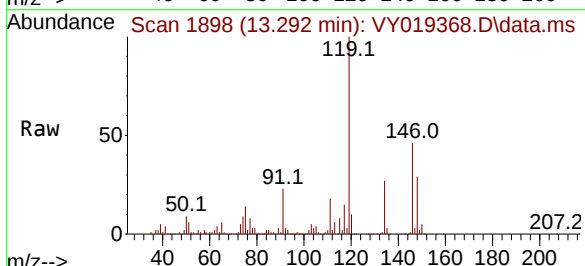
Tgt Ion:119 Resp: 268447

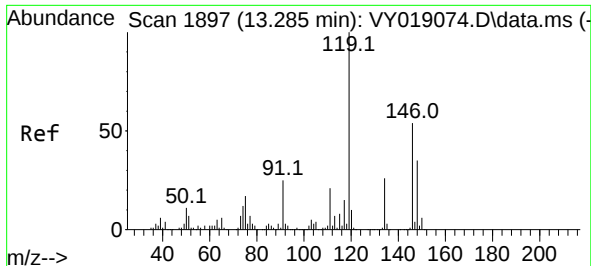
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 23.9 10.7 32.1

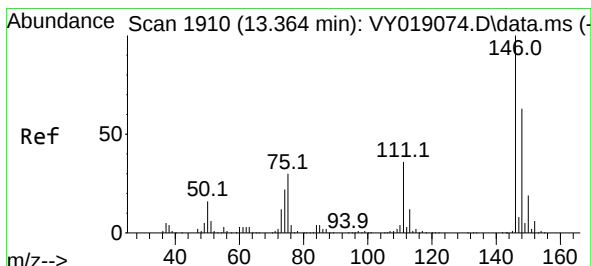
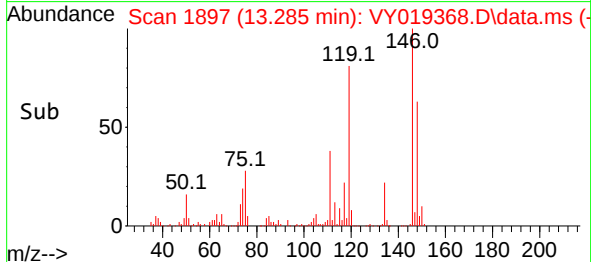
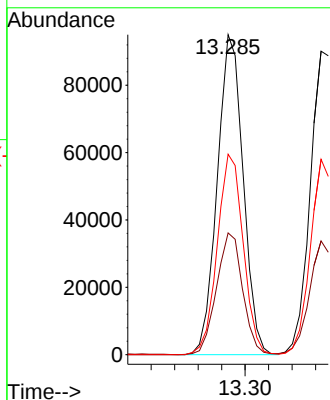
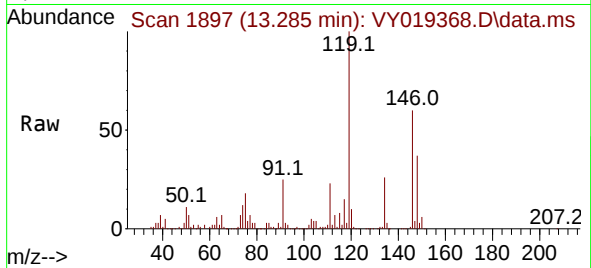




#87
1,3-Dichlorobenzene
Concen: 50.300 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

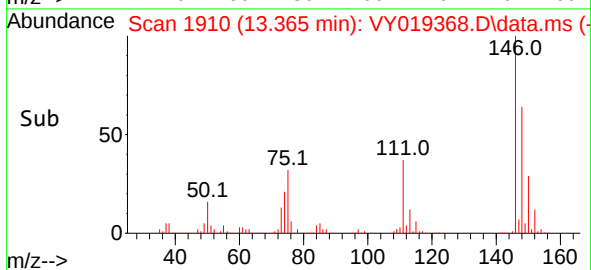
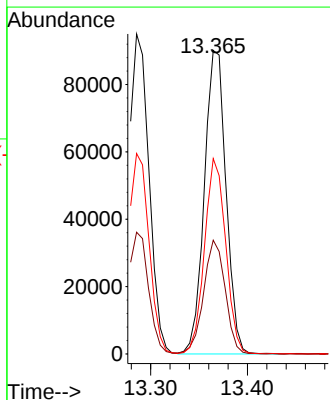
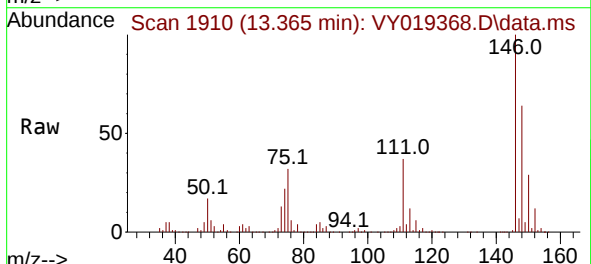
Instrument :
MSVOA_Y
ClientSampleId :

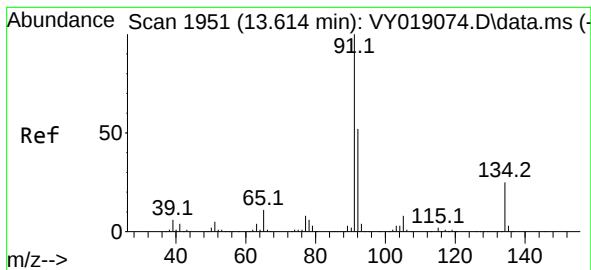
Tgt Ion:146 Resp: 145408
Ion Ratio Lower Upper
146 100
111 38.4 19.0 57.0
148 62.8 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 49.006 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY019368.D
Acq: 29 Aug 2024 09:07

Tgt Ion:146 Resp: 140822
Ion Ratio Lower Upper
146 100
111 37.0 18.4 55.4
148 62.9 32.4 97.2





#89

n-Butylbenzene

Concen: 46.614 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

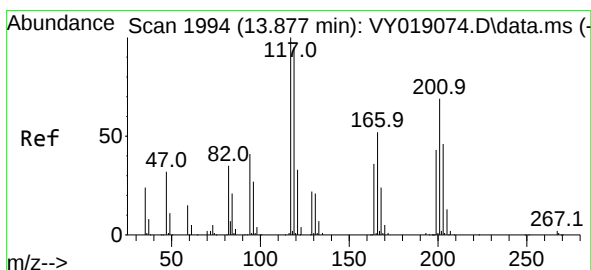
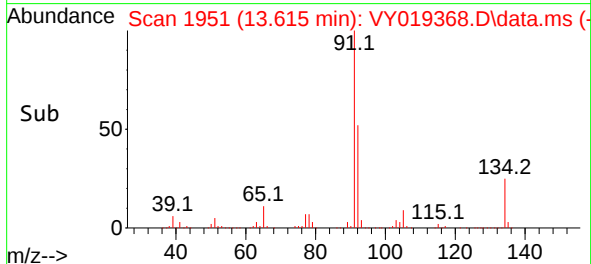
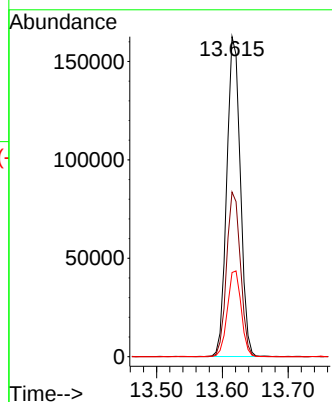
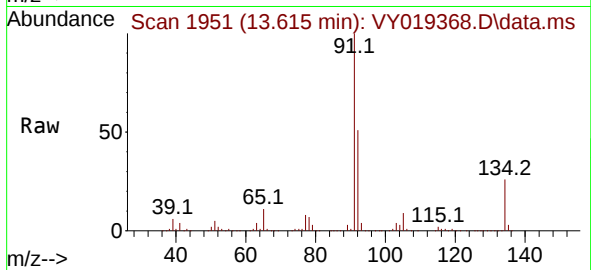
Tgt Ion: 91 Resp: 233588

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 27.5 12.9 38.7



#90

Hexachloroethane

Concen: 49.001 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019368.D

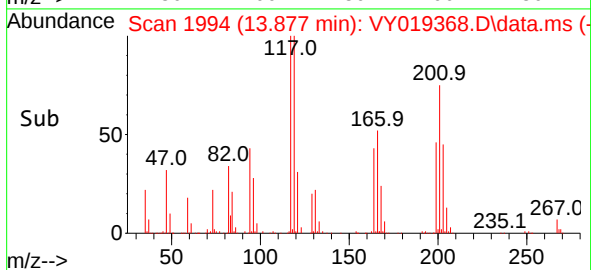
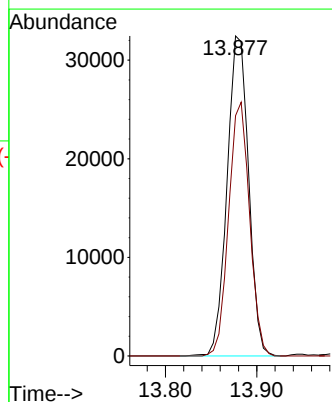
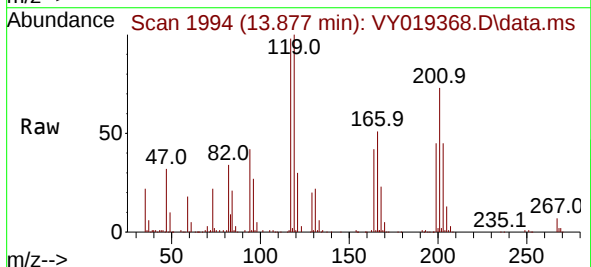
Acq: 29 Aug 2024 09:07

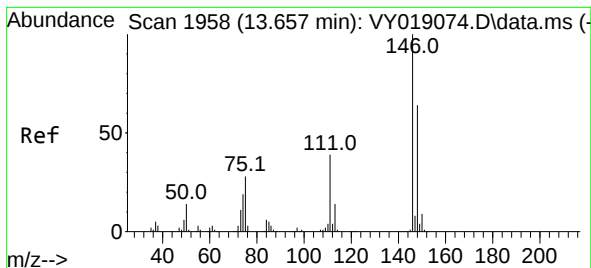
Tgt Ion: 117 Resp: 53086

Ion Ratio Lower Upper

117 100

201 77.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.138 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

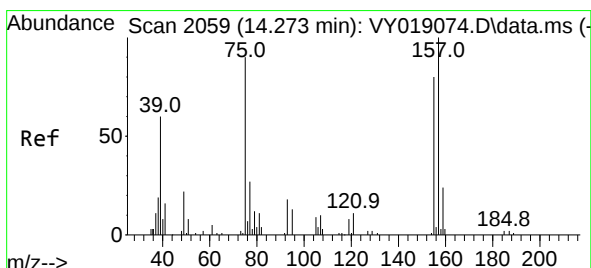
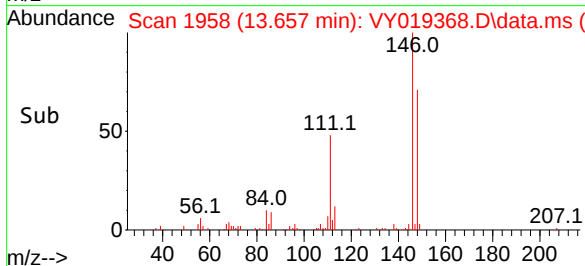
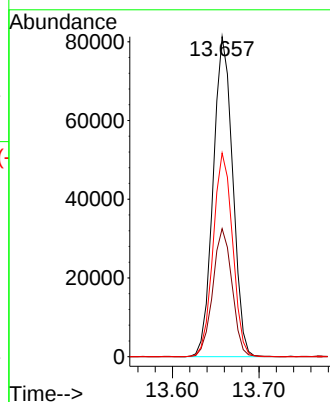
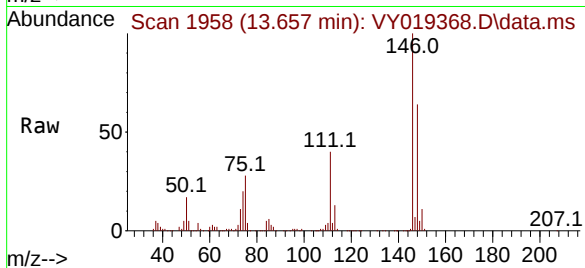
Tgt Ion:146 Resp: 127475

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.228 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

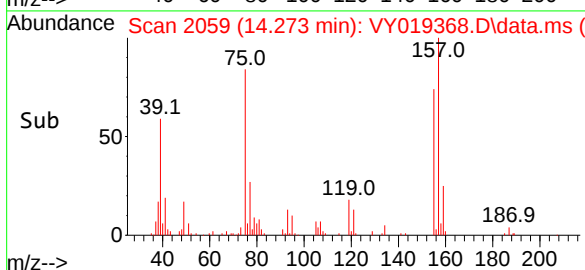
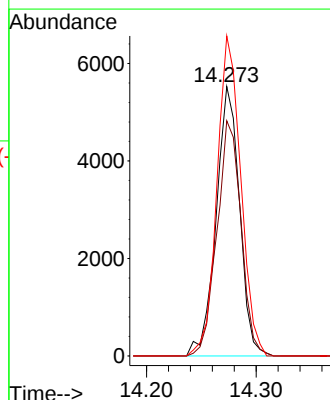
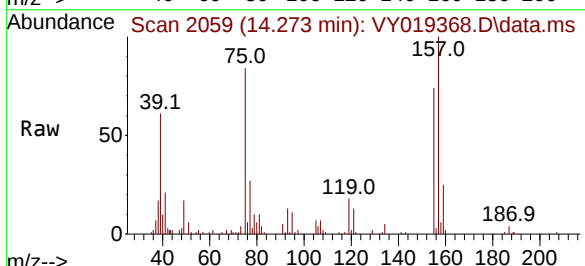
Tgt Ion: 75 Resp: 8189

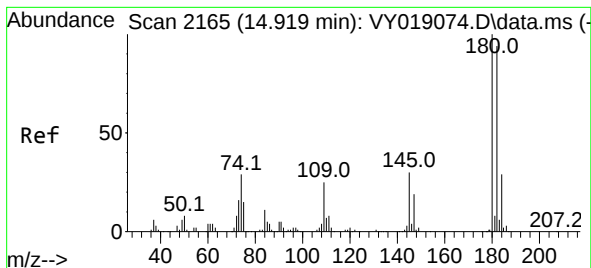
Ion Ratio Lower Upper

75 100

155 89.9 48.6 145.8

157 120.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.504 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

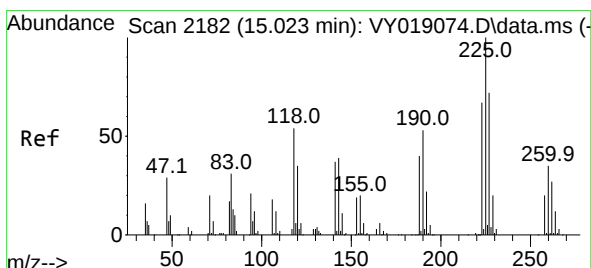
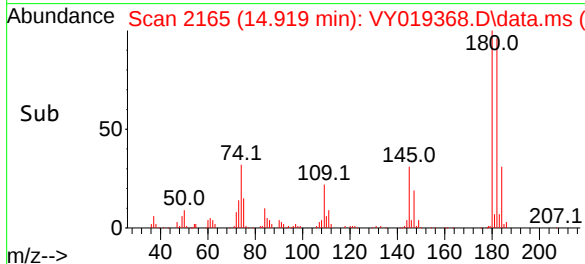
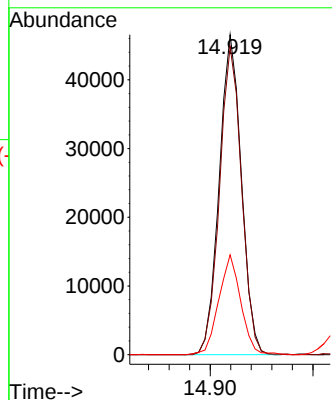
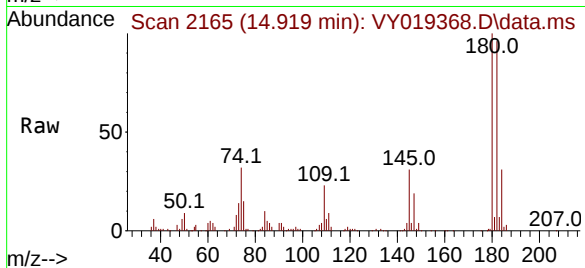
Tgt Ion:180 Resp: 69545

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 31.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.228 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

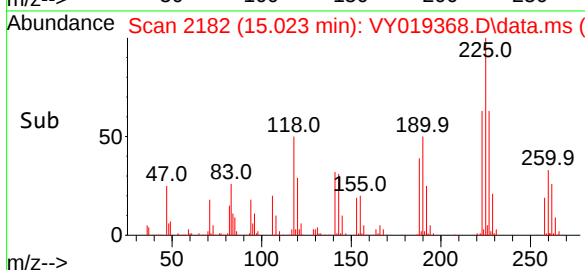
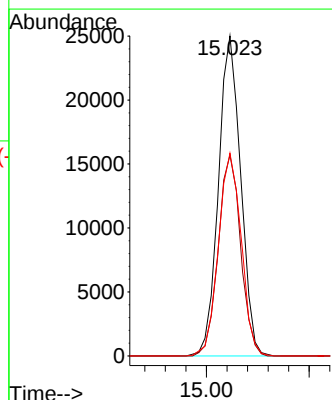
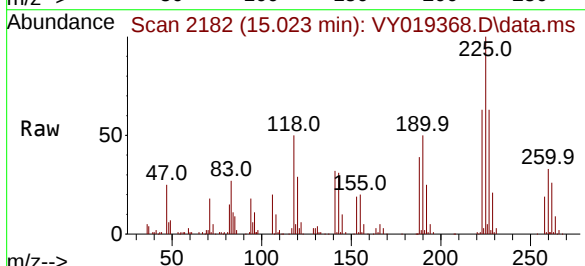
Tgt Ion:225 Resp: 37512

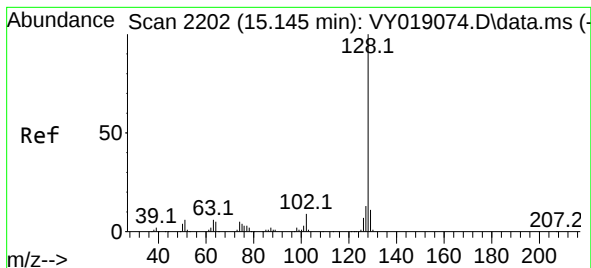
Ion Ratio Lower Upper

225 100

223 63.0 30.4 91.2

227 65.0 31.9 95.9





#95

Naphthalene

Concen: 54.536 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Instrument :

MSVOA_Y

ClientSampleId :

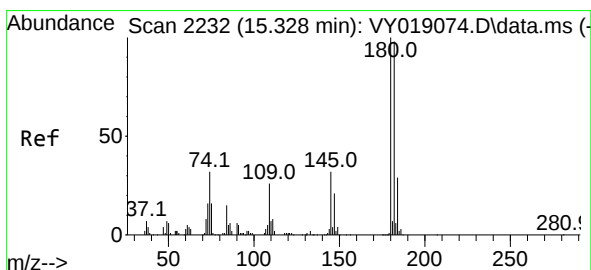
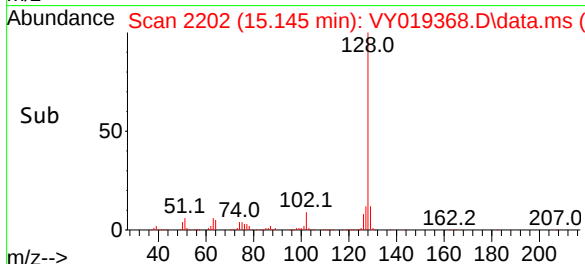
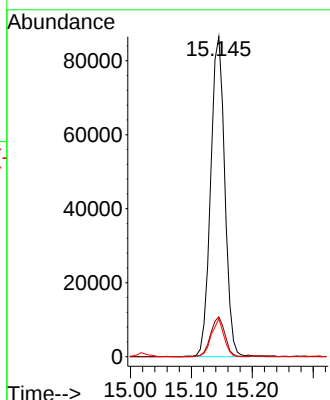
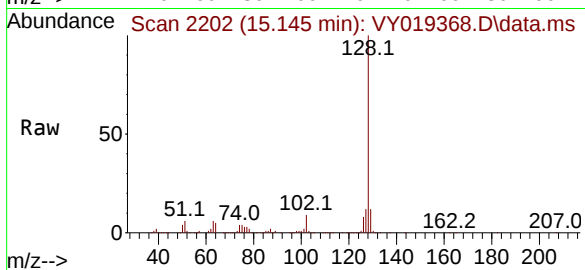
Tgt Ion:128 Resp: 139554

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.557 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019368.D

Acq: 29 Aug 2024 09:07

Tgt Ion:180 Resp: 62348

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 32.6 15.4 46.1

