

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019045.D
 Acq On : 14 Aug 2024 09:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 14 21:38:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	47540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	70838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	64849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	33609	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	20802	49.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.680%
35) Dibromofluoromethane	7.622	113	23897	52.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.640%
50) Toluene-d8	10.103	98	86932	50.024	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.408	95	25553	49.562	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	15744	48.181	ug/l	94
3) Chloromethane	2.068	50	39062	50.606	ug/l	99
4) Vinyl Chloride	2.202	62	56997	52.049	ug/l	93
5) Bromomethane	2.592	94	44359	50.771	ug/l	96
6) Chloroethane	2.733	64	39526	53.676	ug/l	95
7) Trichlorofluoromethane	3.043	101	69919	47.907	ug/l	97
8) Diethyl Ether	3.446	74	10651	47.342	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.806	101	23363	51.239	ug/l	93
10) Methyl Iodide	4.001	142	28012	56.895	ug/l	95
11) Tert butyl alcohol	4.836	59	7329	190.103	ug/l	99
12) 1,1-Dichloroethene	3.781	96	22047	51.182	ug/l	98
13) Acrolein	3.641	56	8887	201.971	ug/l	99
14) Allyl chloride	4.372	41	28300	49.122	ug/l #	83
15) Acrylonitrile	5.043	53	21944	248.803	ug/l	97
16) Acetone	3.854	43	24759	241.985	ug/l	88
17) Carbon Disulfide	4.098	76	64909	50.690	ug/l	99
18) Methyl Acetate	4.372	43	11020	47.502	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	49074	46.318	ug/l #	91
20) Methylene Chloride	4.604	84	24787	51.950	ug/l	89
21) trans-1,2-Dichloroethene	5.104	96	25685	53.891	ug/l	91
22) Diisopropyl ether	6.006	45	66890	53.260	ug/l #	86
23) Vinyl Acetate	5.945	43	284962	262.908	ug/l	94
24) 1,1-Dichloroethane	5.909	63	41247	53.535	ug/l	99
25) 2-Butanone	6.878	43	34019	251.722	ug/l	98
26) 2,2-Dichloropropane	6.878	77	36882	50.860	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	31806	55.775	ug/l	97
28) Bromochloromethane	7.232	49	18534	52.251	ug/l	92
29) Tetrahydrofuran	7.250	42	19251	241.577	ug/l #	89
30) Chloroform	7.409	83	45748	55.507	ug/l	96
31) Cyclohexane	7.695	56	33040	50.671	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	39542	53.077	ug/l	92
36) 1,1-Dichloropropene	7.823	75	32916	54.198	ug/l	96
37) Ethyl Acetate	6.970	43	12807	46.136	ug/l	97
38) Carbon Tetrachloride	7.811	117	39004	56.012	ug/l	93
39) Methylcyclohexane	9.103	83	43043	52.653	ug/l	96
40) Benzene	8.067	78	101801	56.377	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	19183	153.753	ug/l #	32
42) 1,2-Dichloroethane	8.146	62	25764	57.313	ug/l	98
43) Isopropyl Acetate	8.189	43	27497	48.707	ug/l #	79
44) Trichloroethene	8.860	130	28246	54.877	ug/l	91
45) 1,2-Dichloropropane	9.134	63	21862	54.107	ug/l	97
46) Dibromomethane	9.225	93	14766	56.559	ug/l	95
47) Bromodichloromethane	9.420	83	34703	56.802	ug/l	99
48) Methyl methacrylate	9.213	41	12358	50.109	ug/l #	78
49) 1,4-Dioxane	9.219	88	3058	991.436	ug/l #	93
51) 4-Methyl-2-Pentanone	9.993	43	76280	261.994	ug/l #	86
52) Toluene	10.170	92	68834	57.386	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	29485	54.119	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	35526	54.895	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	17996	56.130	ug/l	94
56) Ethyl methacrylate	10.438	69	21337	49.152	ug/l #	65
57) 1,3-Dichloropropane	10.719	76	28134	53.296	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.707	63	54727	244.540	ug/l	95
59) 2-Hexanone	10.762	43	55287	264.717	ug/l	85
60) Dibromochloromethane	10.914	129	25211	58.652	ug/l	100
61) 1,2-Dibromoethane	11.018	107	16482	53.241	ug/l	95
64) Tetrachloroethene	10.646	164	29330	53.953	ug/l	98
65) Chlorobenzene	11.444	112	77732	54.593	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	27306	54.829	ug/l	99
67) Ethyl Benzene	11.518	91	129936	52.709	ug/l	94
68) m/p-Xylenes	11.627	106	108240	107.079	ug/l	94
69) o-Xylene	11.957	106	52103	55.848	ug/l	87
70) Styrene	11.969	104	85206	55.449	ug/l	97
71) Bromoform	12.133	173	14863	57.390	ug/l #	95
73) Isopropylbenzene	12.255	105	126543	51.871	ug/l	97
74) N-amyl acetate	12.072	43	26554	47.169	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.511	83	19566	49.698	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	24902	99.456	ug/l #	100
77) Bromobenzene	12.536	156	29895	52.603	ug/l	86
78) n-propylbenzene	12.597	91	149807	51.882	ug/l	97
79) 2-Chlorotoluene	12.682	91	79875	53.433	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	100690	52.667	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	5393	44.383	ug/l #	81
82) 4-Chlorotoluene	12.780	91	78698	51.422	ug/l	88
83) tert-Butylbenzene	12.999	119	94654	52.417	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	103786	53.514	ug/l	96
85) sec-Butylbenzene	13.176	105	138607	52.991	ug/l	96
86) p-Isopropyltoluene	13.292	119	123488	54.521	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	65928	56.790	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	62428	55.140	ug/l	95
89) n-Butylbenzene	13.621	91	106331	53.485	ug/l	97
90) Hexachloroethane	13.883	117	22716	53.153	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	55390	58.031	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.285	75	2412	44.538	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	29337	55.819	ug/l	99
94) Hexachlorobutadiene	15.029	225	16692	57.910	ug/l	96
95) Naphthalene	15.145	128	45993	49.157	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	25032	55.489	ug/l	96

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Response via : Initial Calibration

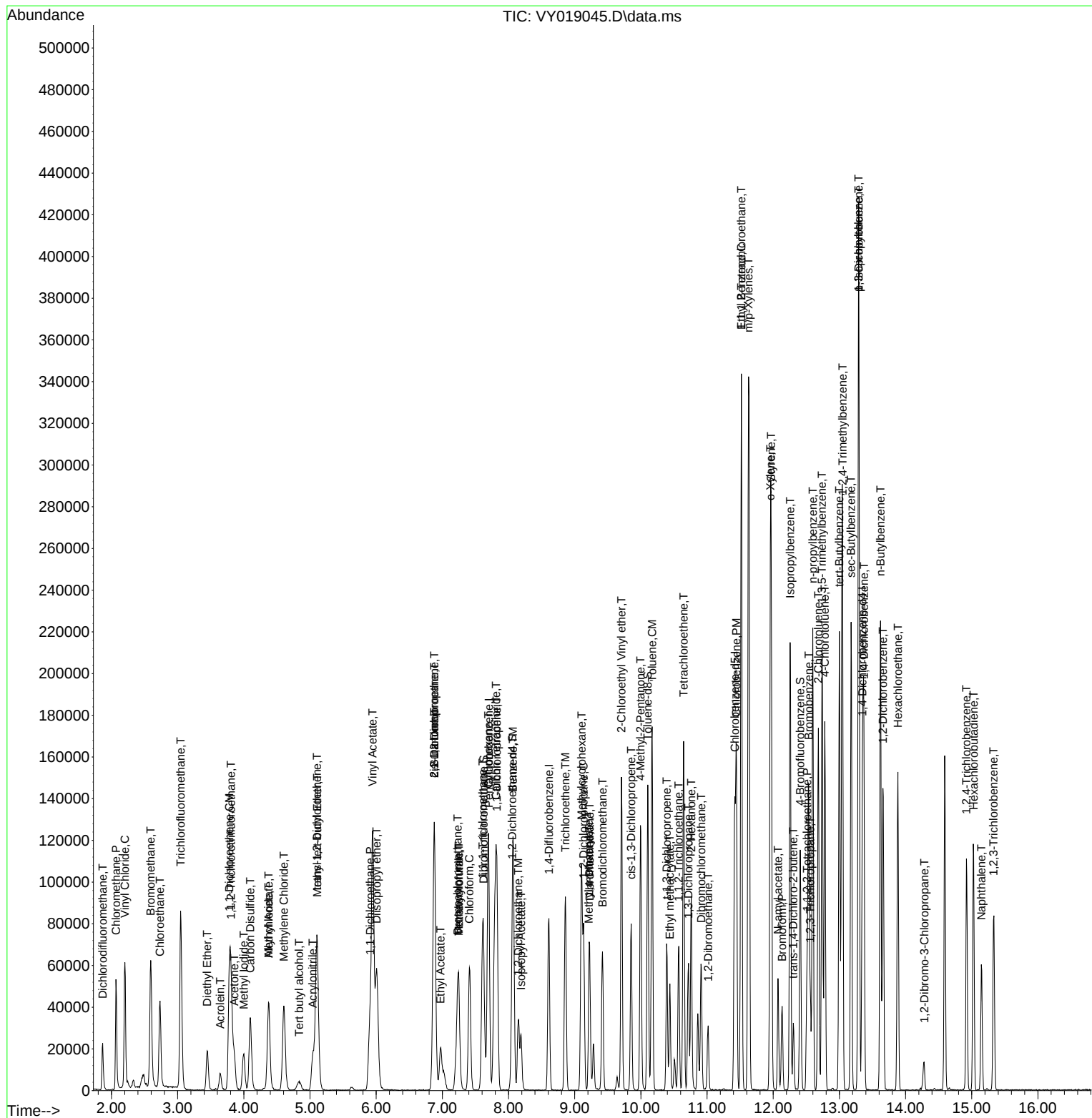
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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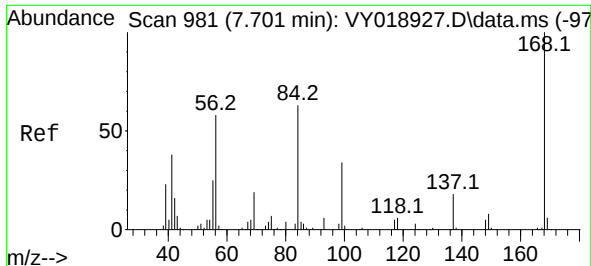
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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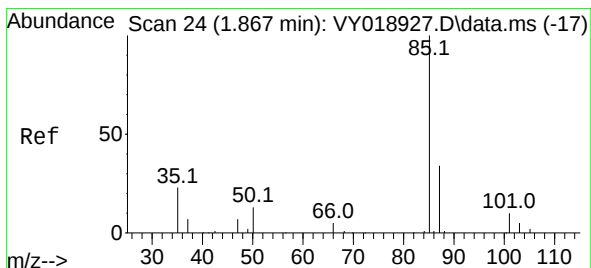
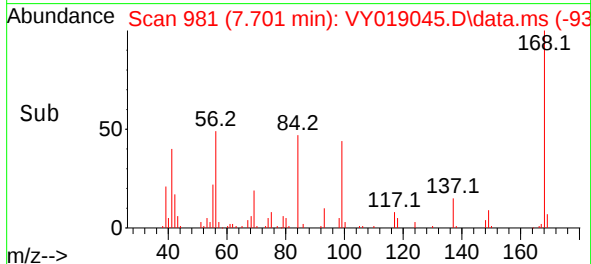
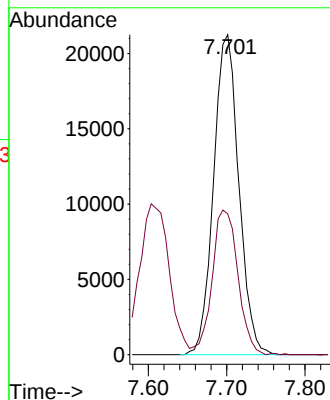
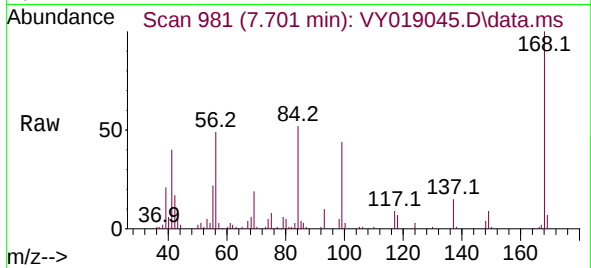




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
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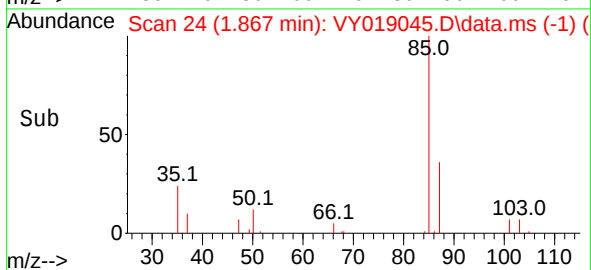
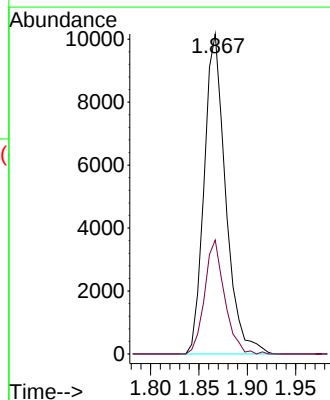
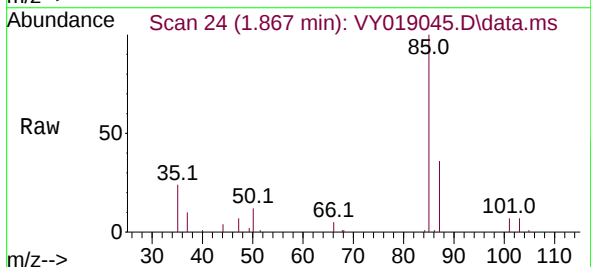
Instrument :
MSVOA_Y
ClientSampleId :

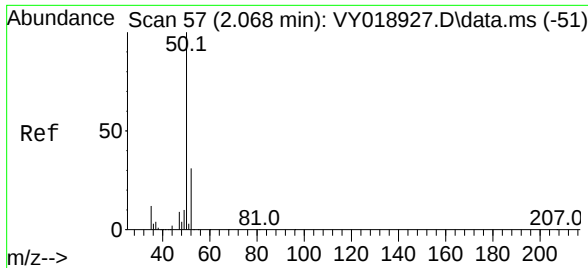
Tgt Ion:168 Resp: 47540
Ion Ratio Lower Upper
168 100
99 44.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 48.181 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion: 85 Resp: 15744
Ion Ratio Lower Upper
85 100
87 35.6 16.0 48.0

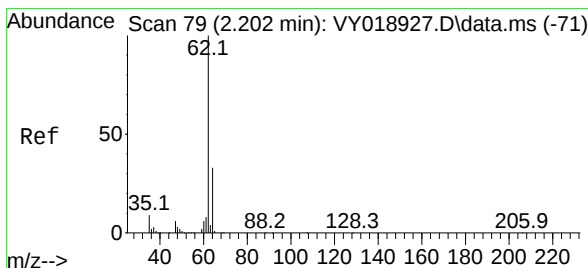
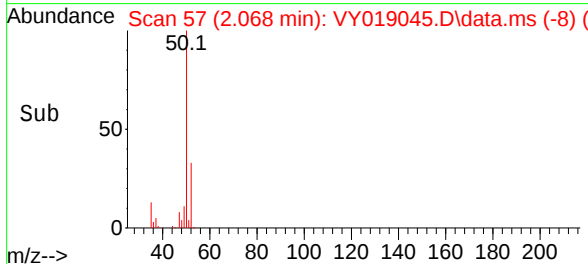
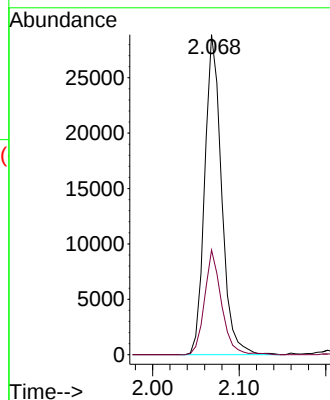
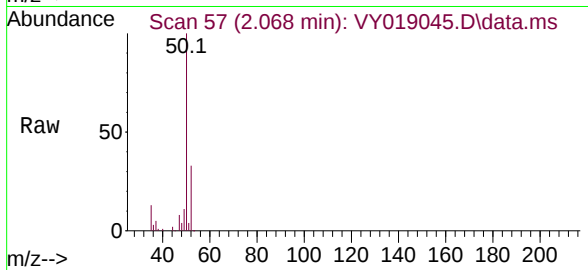




#3
Chloromethane
Concen: 50.606 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

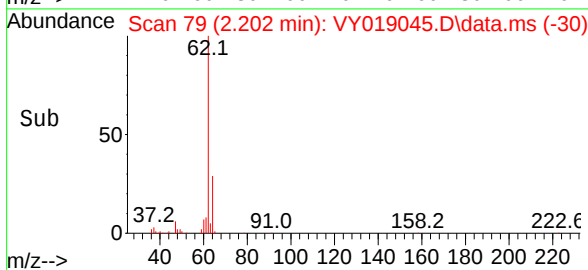
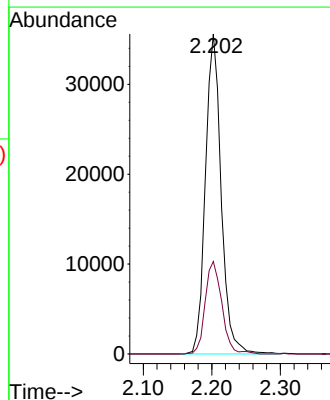
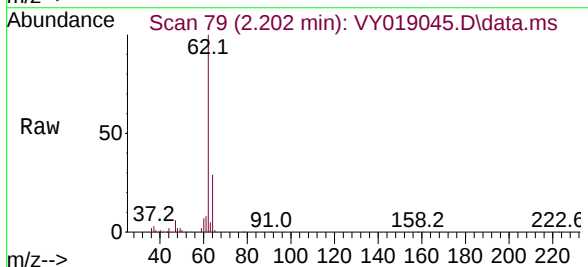
Instrument :
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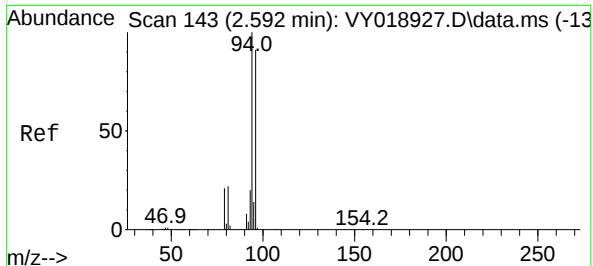
Tgt Ion: 50 Resp: 39062
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 52.049 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion: 62 Resp: 56997
Ion Ratio Lower Upper
62 100
64 28.9 26.1 39.1

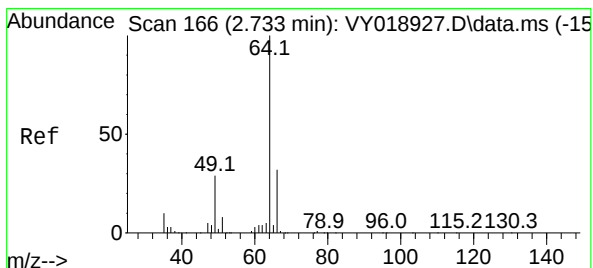
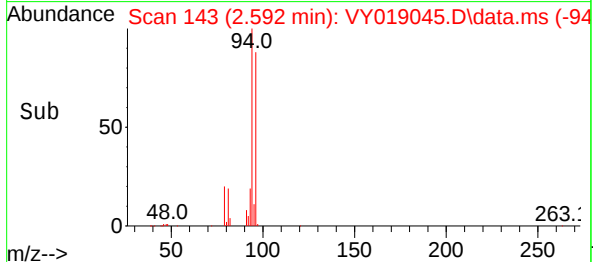
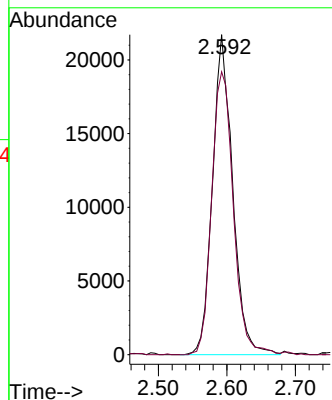
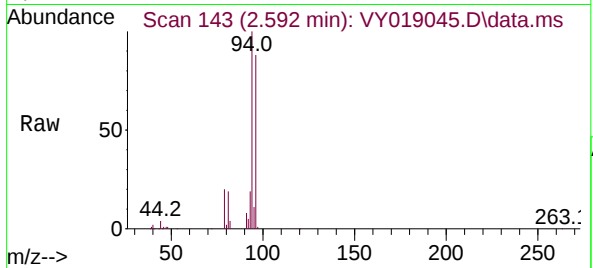




#5
Bromomethane
Concen: 50.771 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

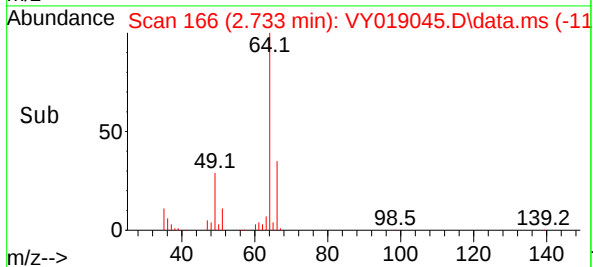
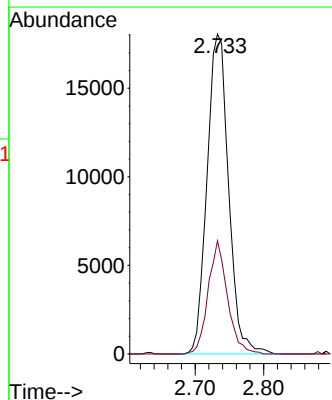
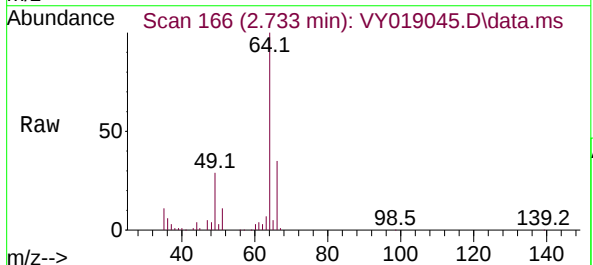
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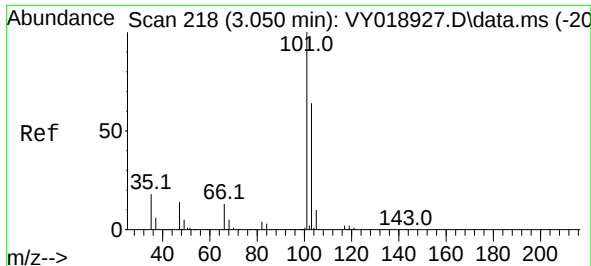
Tgt Ion: 94 Resp: 44359
Ion Ratio Lower Upper
94 100
96 88.4 74.1 111.1



#6
Chloroethane
Concen: 53.676 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 39526
Ion Ratio Lower Upper
64 100
66 35.4 26.1 39.1

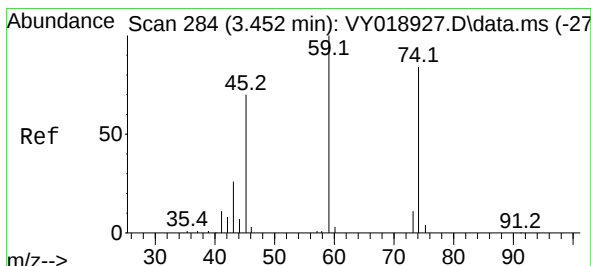
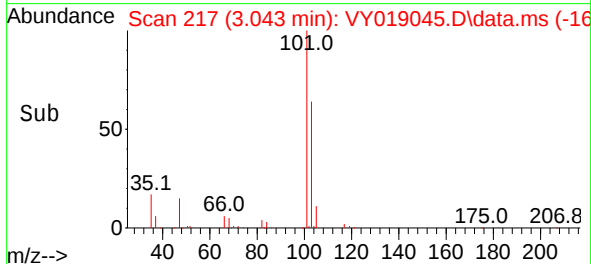
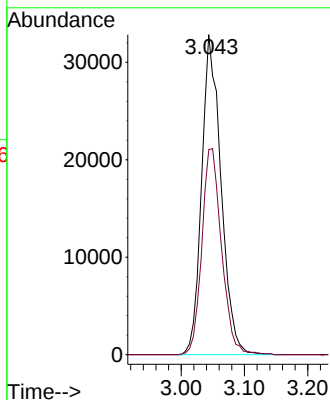
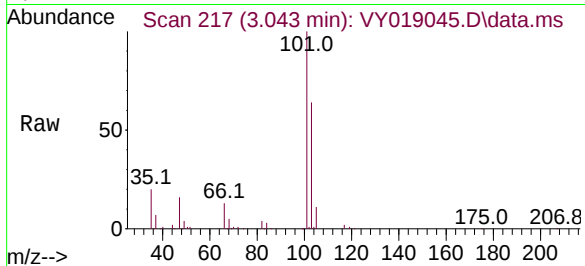




#7
 Trichlorofluoromethane
 Concen: 47.907 ug/l
 RT: 3.043 min Scan# 218
 Delta R.T. -0.006 min
 Lab File: VY019045.D
 Acq: 14 Aug 2024 09:06

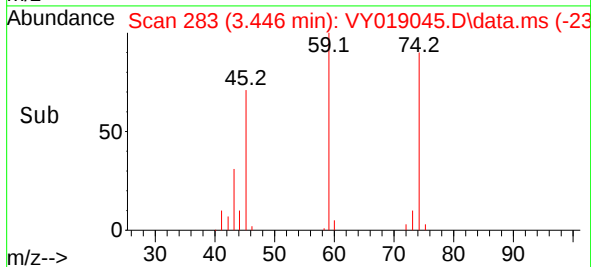
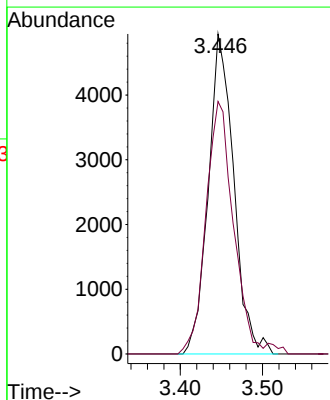
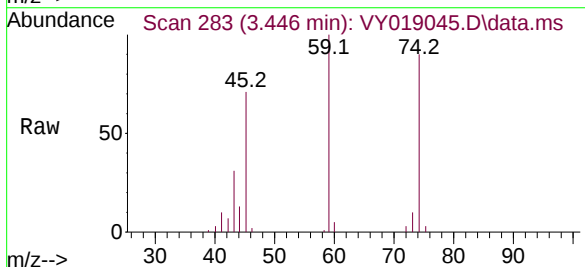
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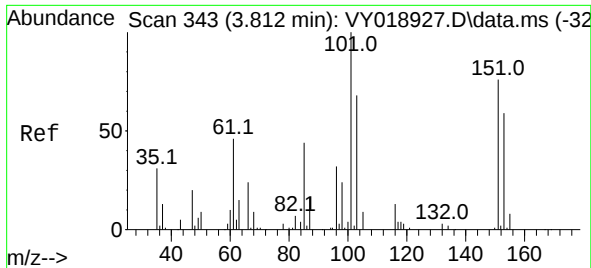
Tgt Ion:101 Resp: 69919
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.342 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 10651
 Ion Ratio Lower Upper
 74 100
 45 84.5 41.3 124.1

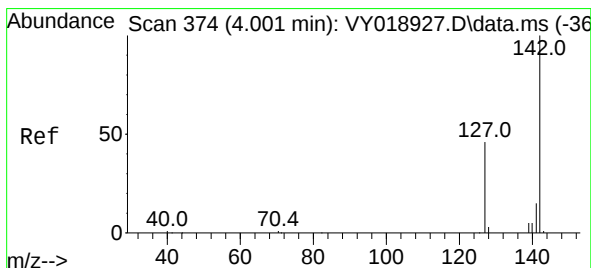
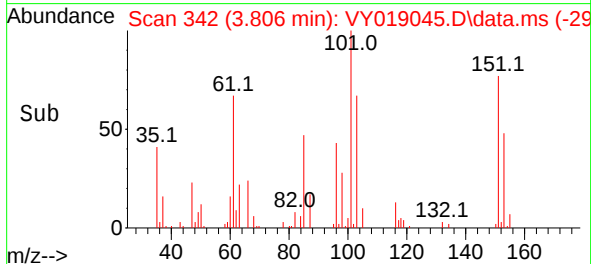
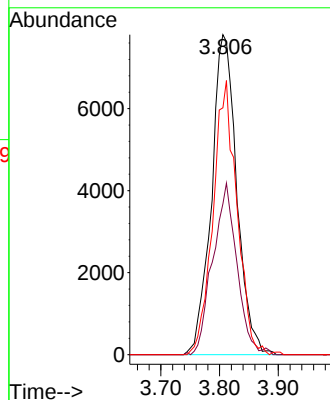
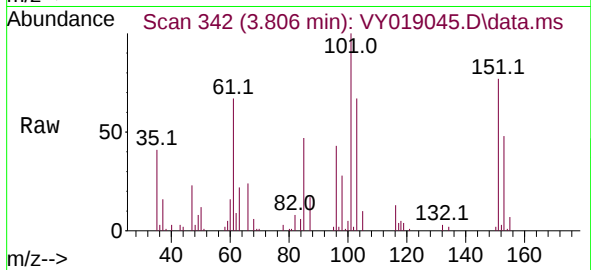




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.239 ug/l
RT: 3.806 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

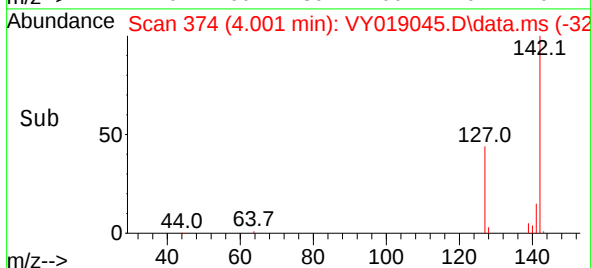
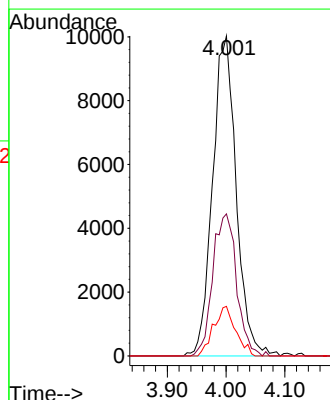
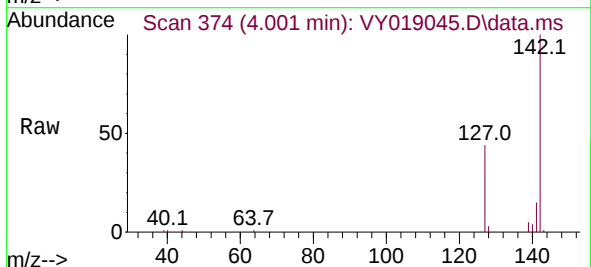
Instrument :
MSVOA_Y
ClientSampleId :

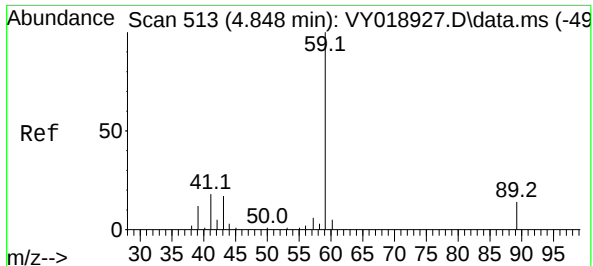
Tgt Ion:101 Resp: 23363
Ion Ratio Lower Upper
101 100
85 51.2 34.5 51.7
151 80.5 61.7 92.5



#10
Methyl Iodide
Concen: 56.895 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion:142 Resp: 28012
Ion Ratio Lower Upper
142 100
127 44.8 32.8 49.2
141 14.4 11.4 17.2

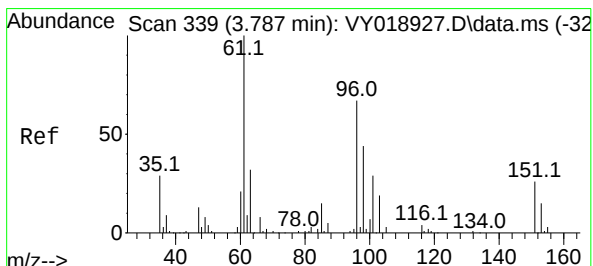
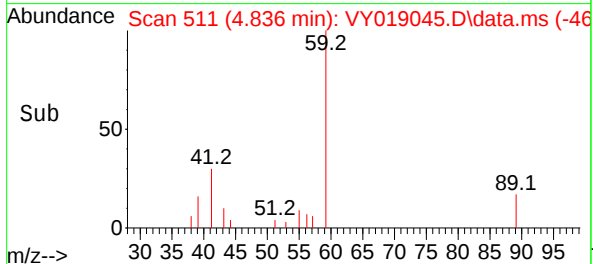
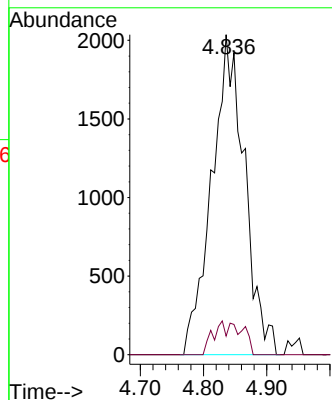
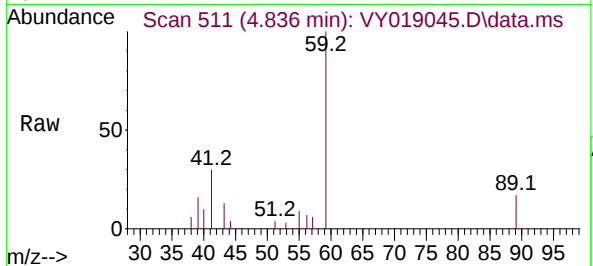




#11
Tert butyl alcohol
Concen: 190.103 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

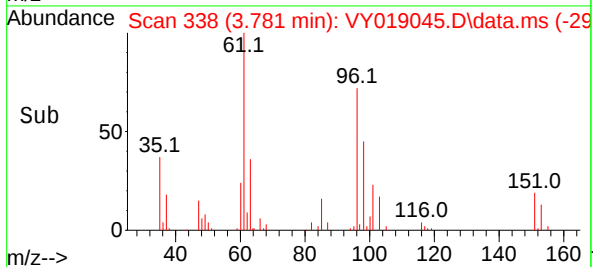
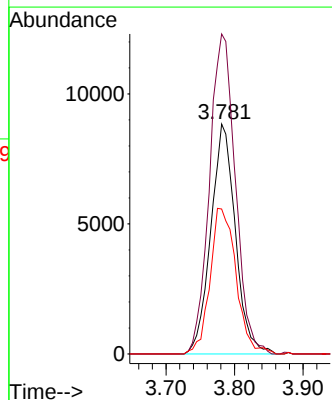
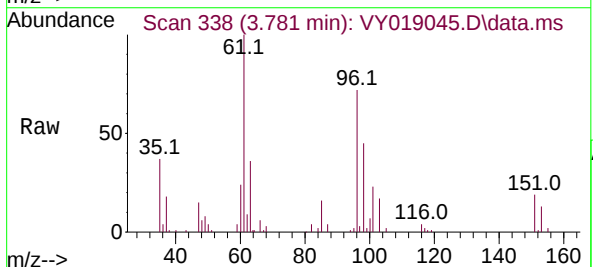
Instrument :
MSVOA_Y
ClientSampleId :

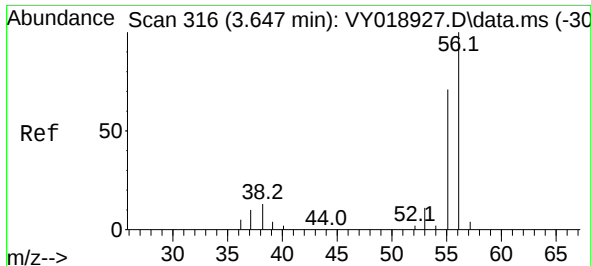
Tgt Ion: 59 Resp: 7329
Ion Ratio Lower Upper
59 100
57 4.2 3.0 4.6



#12
1,1-Dichloroethene
Concen: 51.182 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion: 96 Resp: 22047
Ion Ratio Lower Upper
96 100
61 139.2 114.6 171.8
98 63.1 50.8 76.2





#13

Acrolein

Concen: 201.971 ug/l

RT: 3.641 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

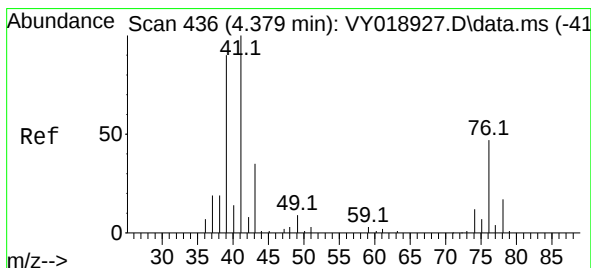
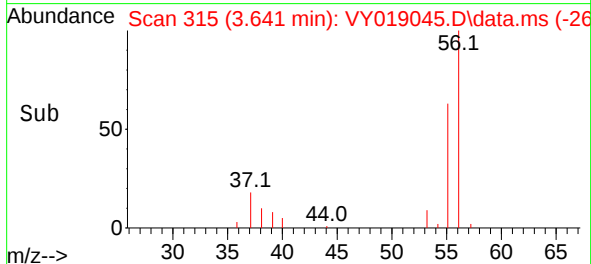
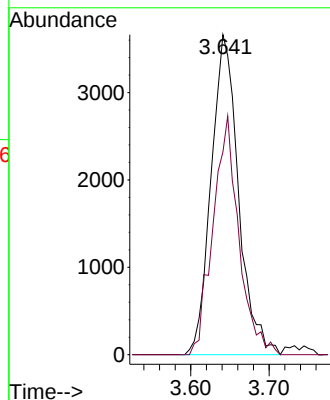
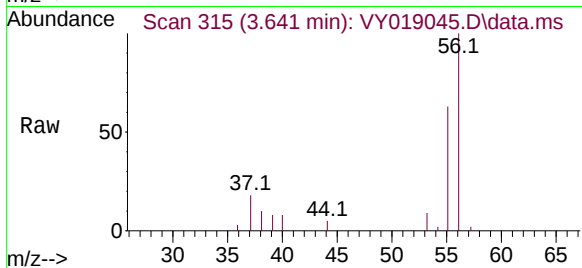
ClientSampleId :

Tgt Ion: 56 Resp: 8887

Ion Ratio Lower Upper

56 100

55 70.6 55.7 83.5



#14

Allyl chloride

Concen: 49.122 ug/l

RT: 4.372 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

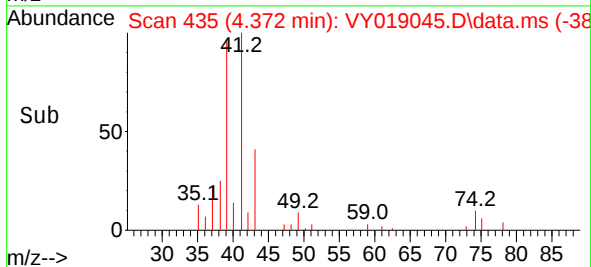
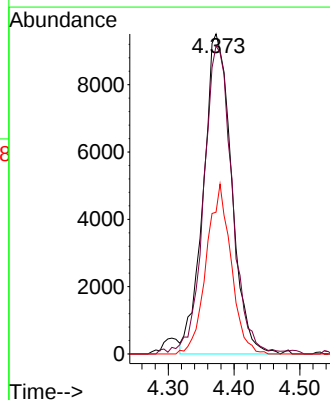
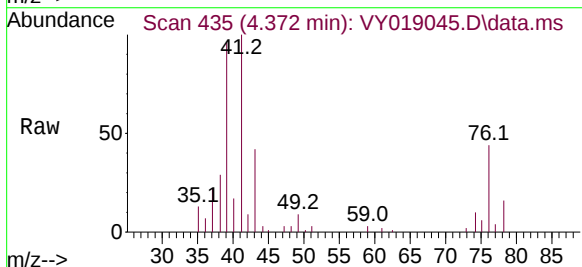
Tgt Ion: 41 Resp: 28300

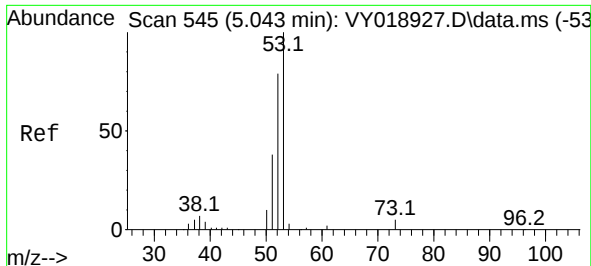
Ion Ratio Lower Upper

41 100

39 95.0 58.3 87.5#

76 46.5 39.0 58.6

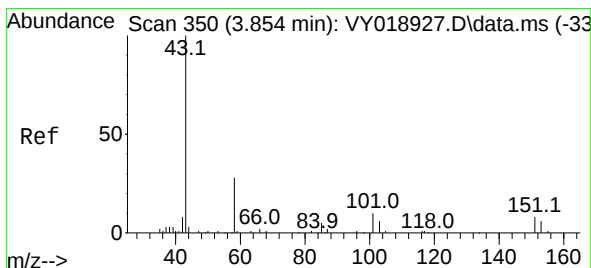
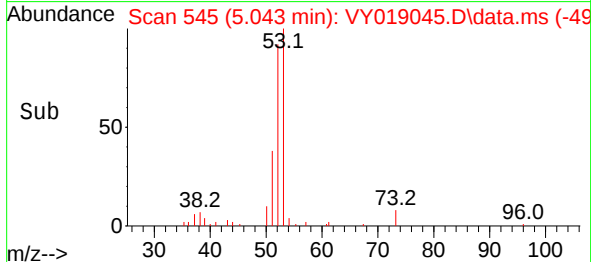
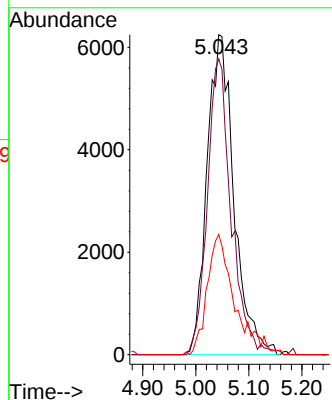
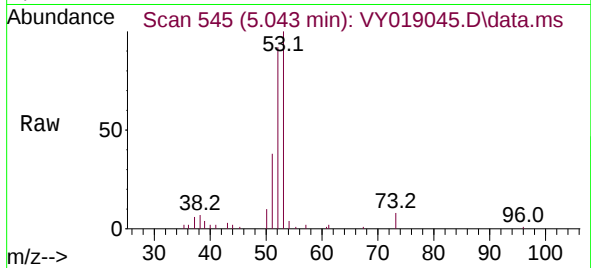




#15
Acrylonitrile
Concen: 248.803 ug/l
RT: 5.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

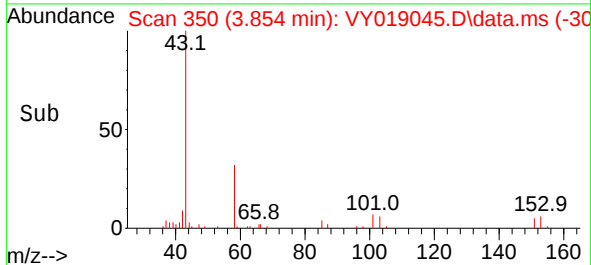
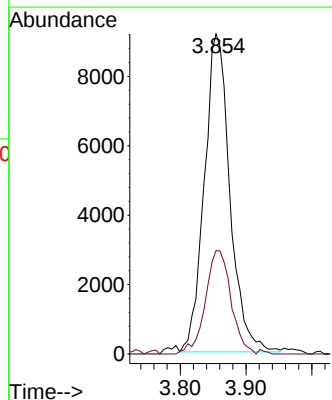
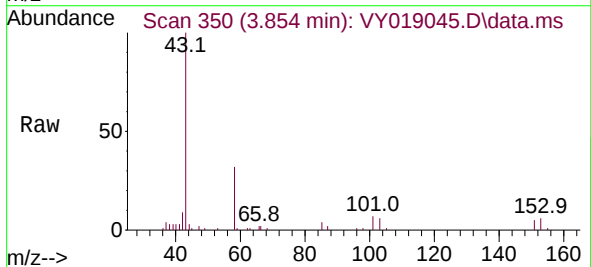
Instrument :
MSVOA_Y
ClientSampleId :

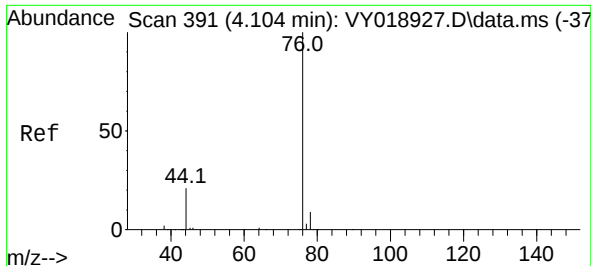
Tgt Ion: 53 Resp: 21944
Ion Ratio Lower Upper
53 100
52 82.5 64.7 97.1
51 38.4 28.4 42.6



#16
Acetone
Concen: 241.985 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion: 43 Resp: 24759
Ion Ratio Lower Upper
43 100
58 32.5 31.7 47.5

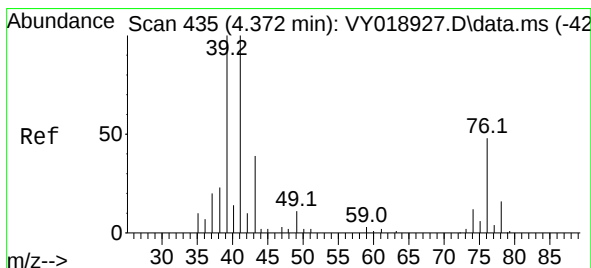
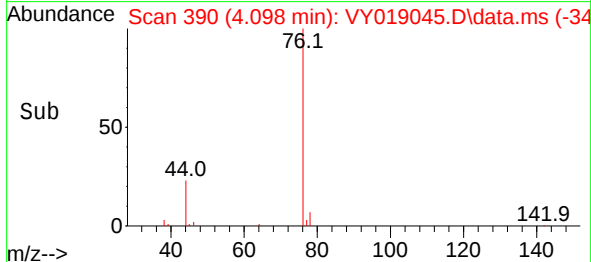
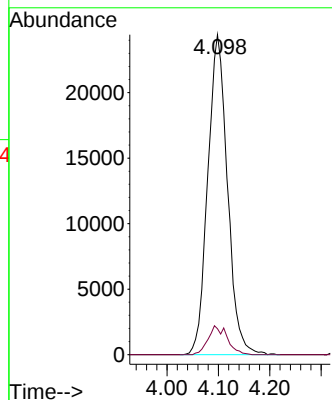
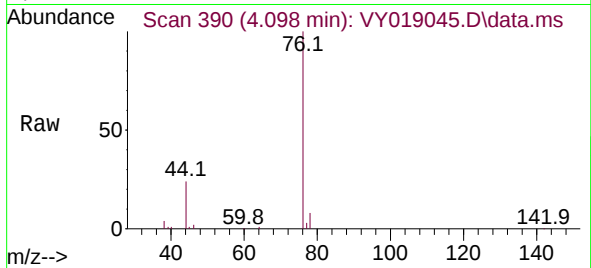




#17
Carbon Disulfide
Concen: 50.690 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

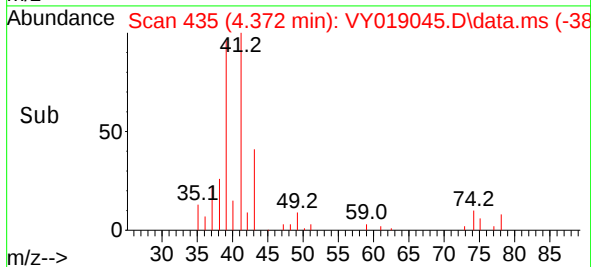
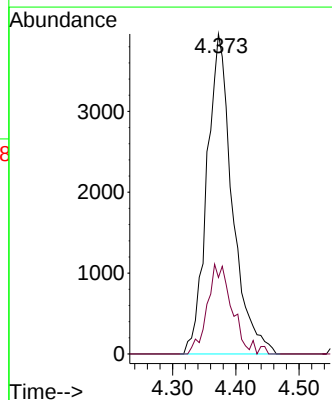
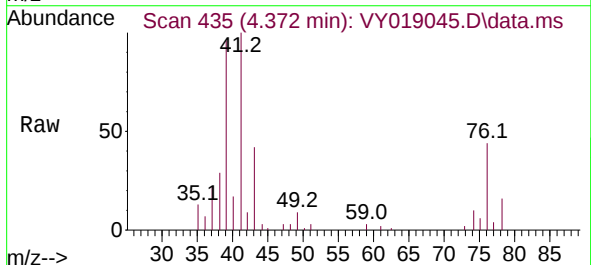
Instrument :
MSVOA_Y
ClientSampleId :

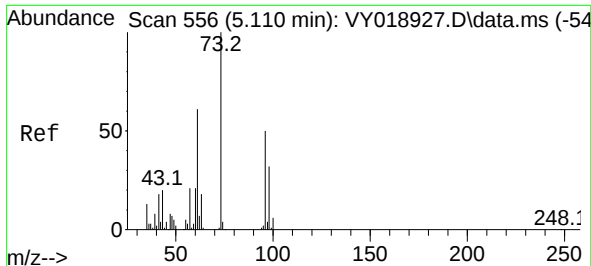
Tgt Ion: 76 Resp: 64909
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 47.502 ug/l
RT: 4.372 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion: 43 Resp: 11020
Ion Ratio Lower Upper
43 100
74 26.4 23.3 34.9

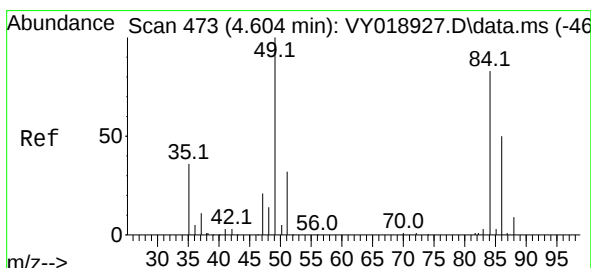
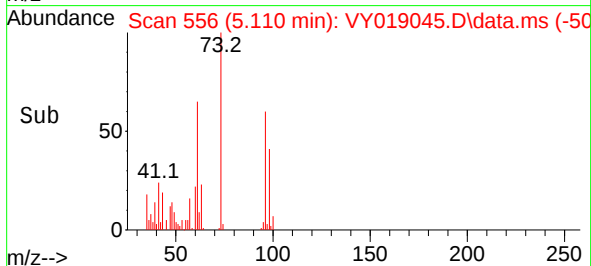
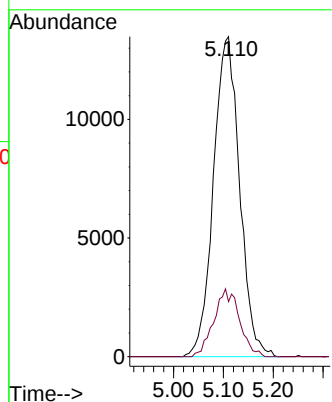
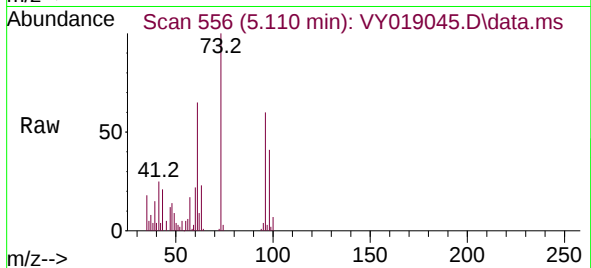




#19
Methyl tert-butyl Ether
Concen: 46.318 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

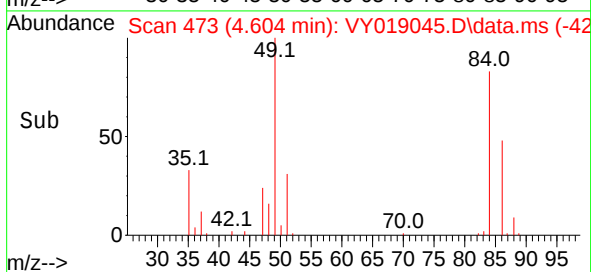
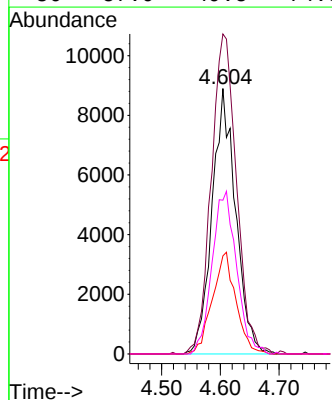
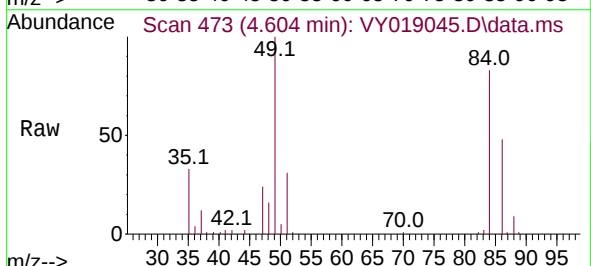
Instrument :
MSVOA_Y
ClientSampleId :

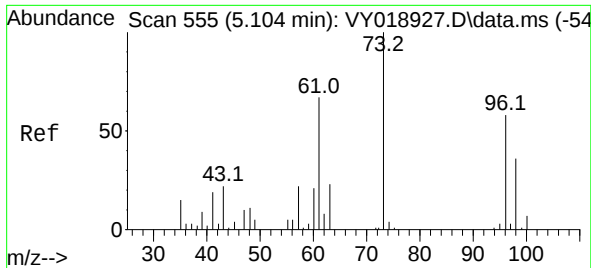
Tgt Ion: 73 Resp: 49074
Ion Ratio Lower Upper
73 100
57 17.2 17.3 25.9#



#20
Methylene Chloride
Concen: 51.950 ug/l
RT: 4.604 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

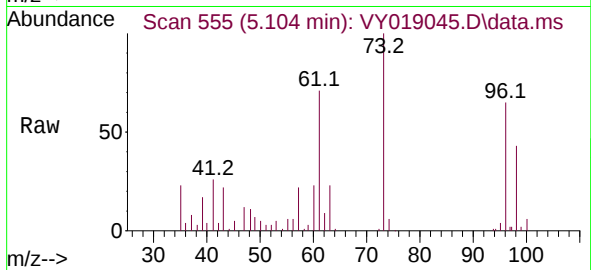
Tgt Ion: 84 Resp: 24787
Ion Ratio Lower Upper
84 100
49 120.6 84.4 126.6
51 37.0 26.0 39.0
86 57.9 49.5 74.3



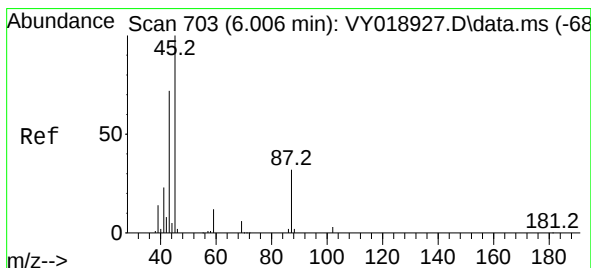
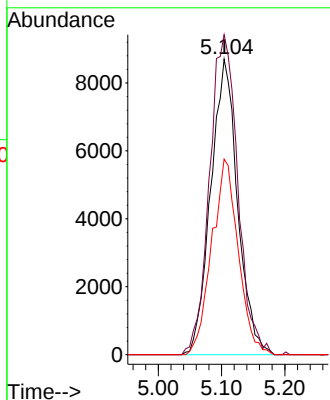
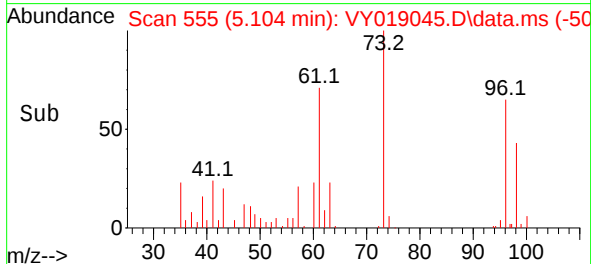


#21
trans-1,2-Dichloroethene
Concen: 53.891 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

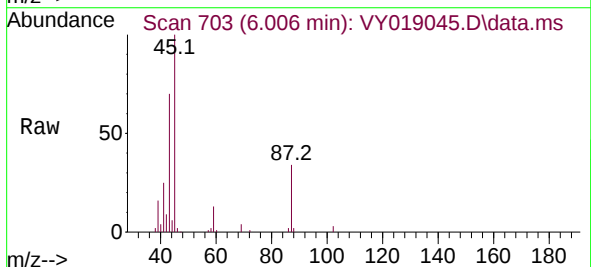
Instrument :
MSVOA_Y
ClientSampleId :



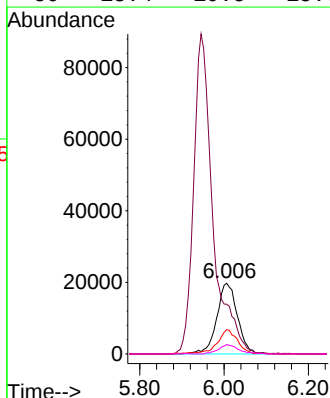
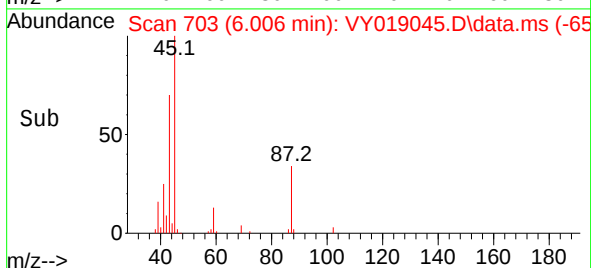
Tgt Ion: 96 Resp: 25685
Ion Ratio Lower Upper
96 100
61 108.3 97.5 146.3
98 66.2 50.5 75.7

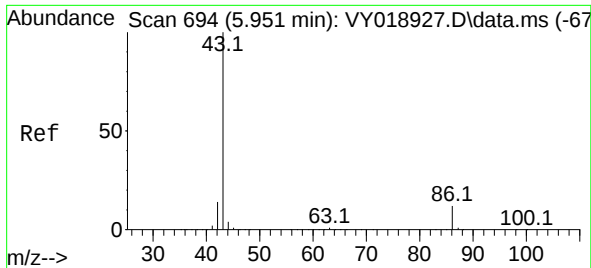


#22
Diisopropyl ether
Concen: 53.260 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06



Tgt Ion: 45 Resp: 66890
Ion Ratio Lower Upper
45 100
43 68.9 42.2 63.2#
87 34.3 25.0 37.6
59 13.4 10.5 15.7

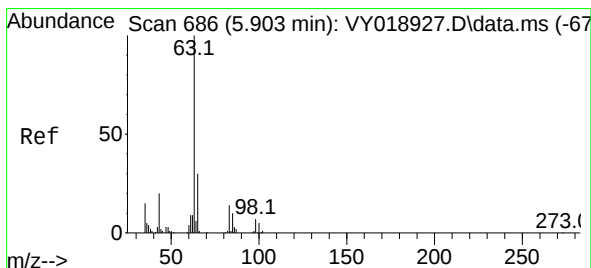
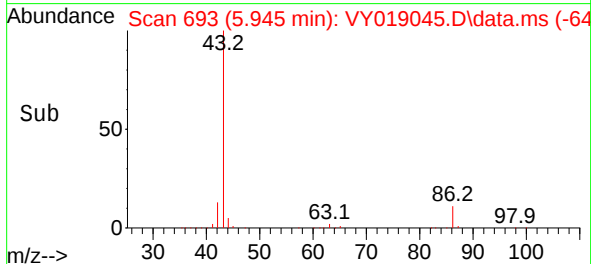
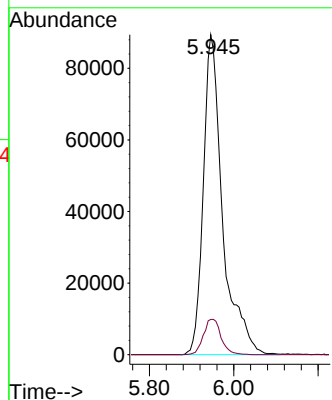
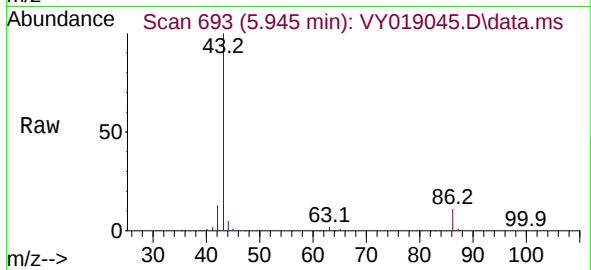




#23
 Vinyl Acetate
 Concen: 262.908 ug/l
 RT: 5.945 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY019045.D
 Acq: 14 Aug 2024 09:06

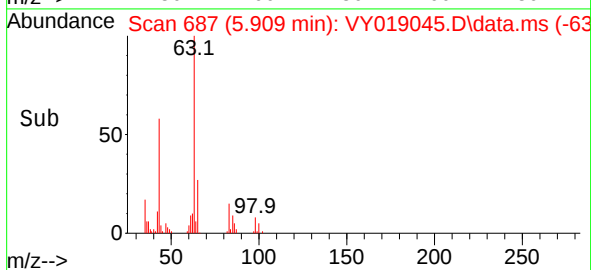
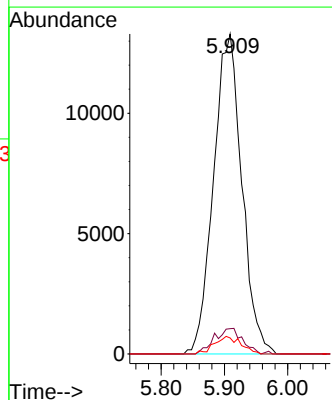
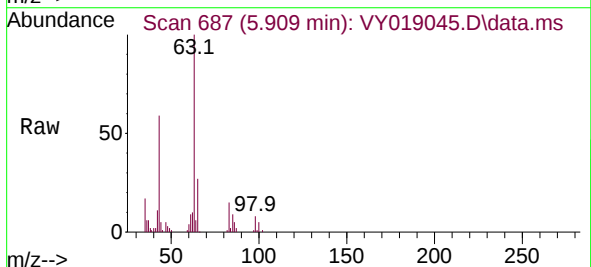
Instrument :
 MSVOA_Y
 ClientSampleId :

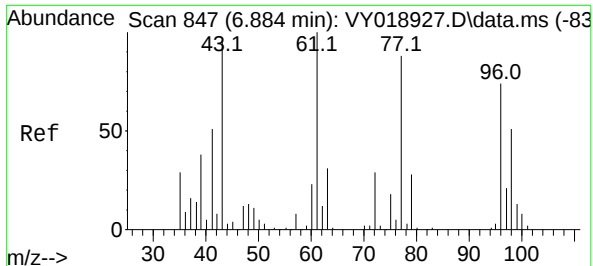
Tgt Ion: 43 Resp: 284962
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 53.535 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019045.D
 Acq: 14 Aug 2024 09:06

Tgt Ion: 63 Resp: 41247
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 5.0 2.6 8.0





#25

2-Butanone

Concen: 251.722 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

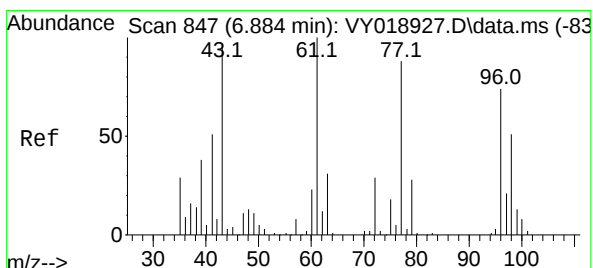
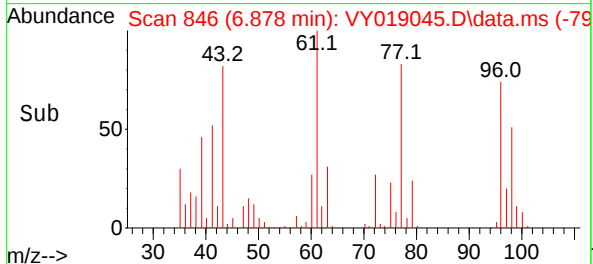
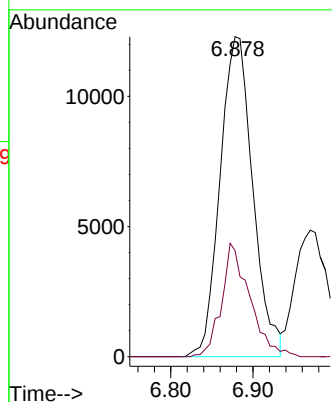
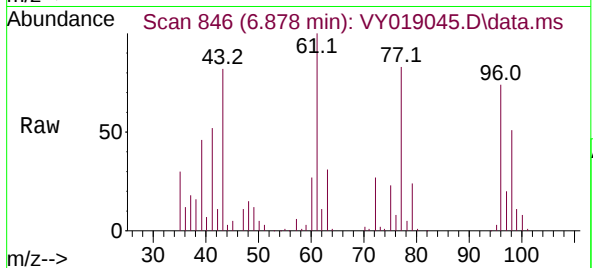
ClientSampleId :

Tgt Ion: 43 Resp: 34019

Ion Ratio Lower Upper

43 100

72 33.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 50.860 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019045.D

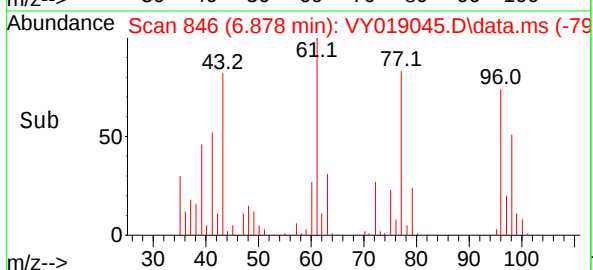
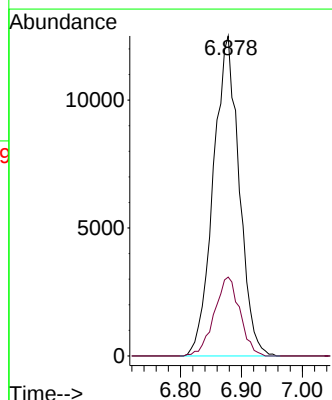
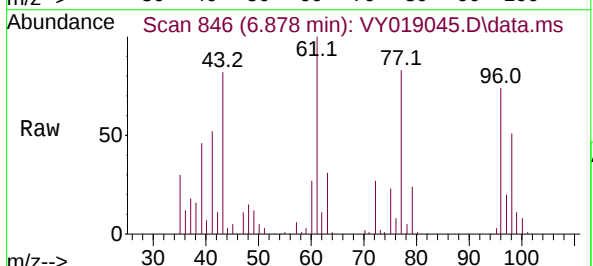
Acq: 14 Aug 2024 09:06

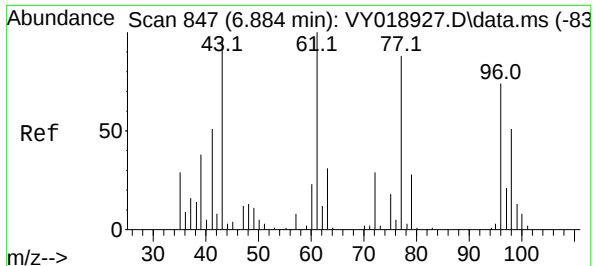
Tgt Ion: 77 Resp: 36882

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1

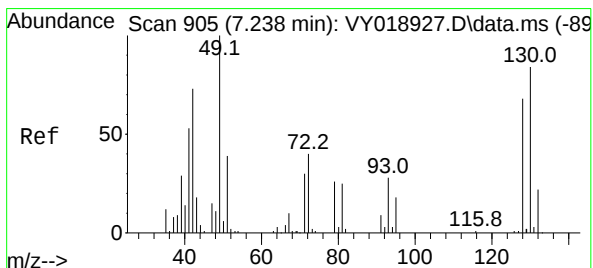
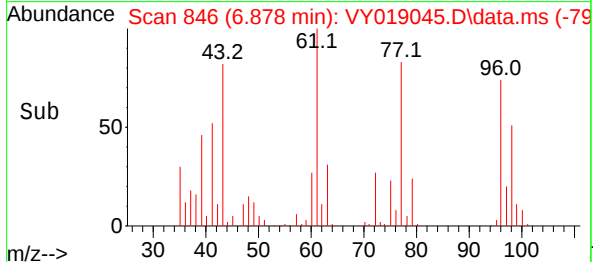
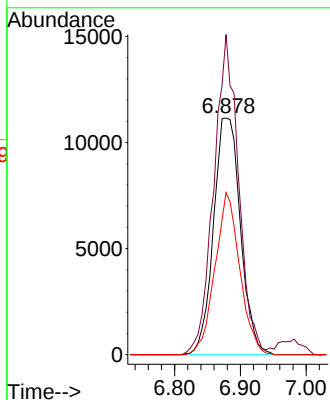
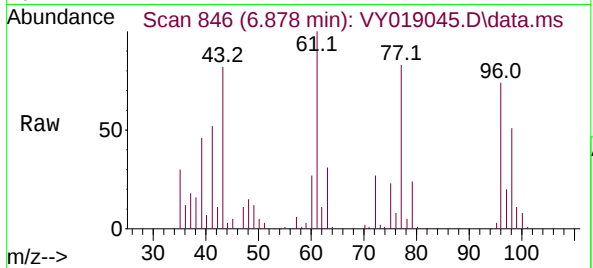




#27
 cis-1,2-Dichloroethene
 Concen: 55.775 ug/l
 RT: 6.878 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY019045.D
 Acq: 14 Aug 2024 09:06

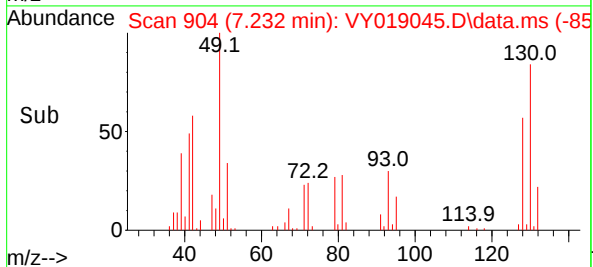
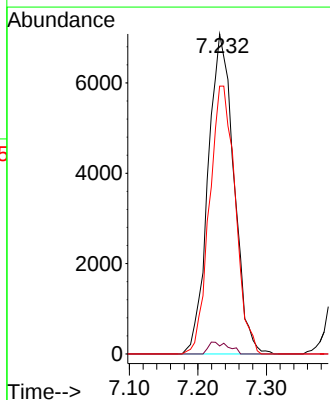
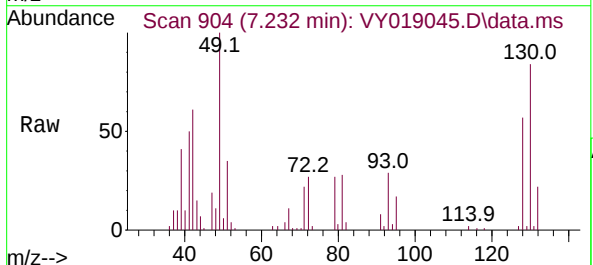
Instrument :
 MSVOA_Y
 ClientSampleId :

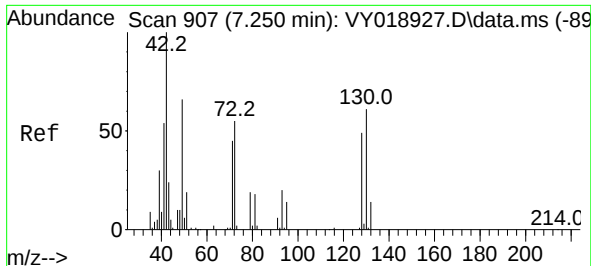
Tgt Ion: 96 Resp: 31806
 Ion Ratio Lower Upper
 96 100
 61 124.2 0.0 256.2
 98 63.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 52.251 ug/l
 RT: 7.232 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY019045.D
 Acq: 14 Aug 2024 09:06

Tgt Ion: 49 Resp: 18534
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 4.6
 130 83.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 241.577 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

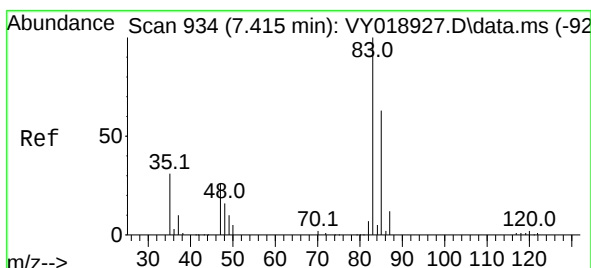
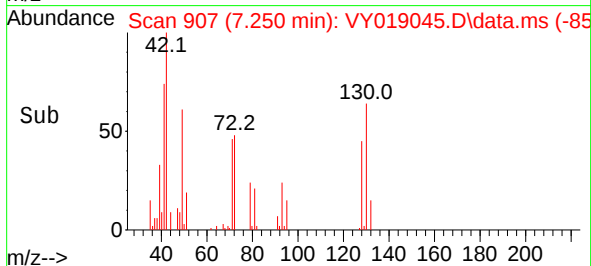
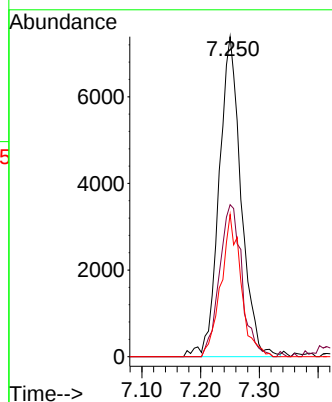
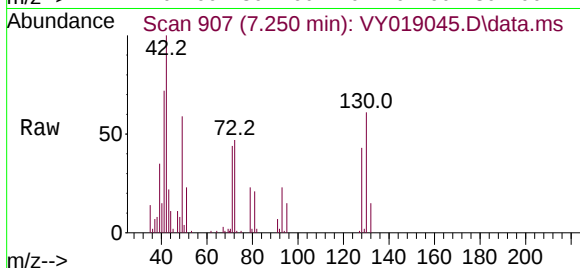
Tgt Ion: 42 Resp: 19251

Ion Ratio Lower Upper

42 100

72 48.4 43.0 64.4

71 40.4 40.8 61.2#



#30

Chloroform

Concen: 55.507 ug/l

RT: 7.409 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY019045.D

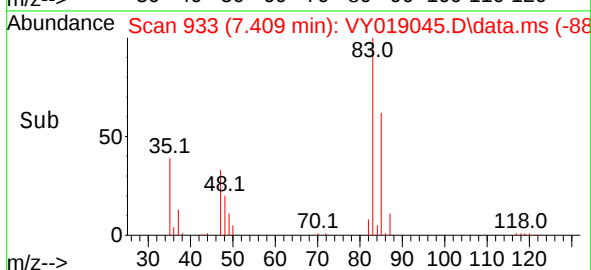
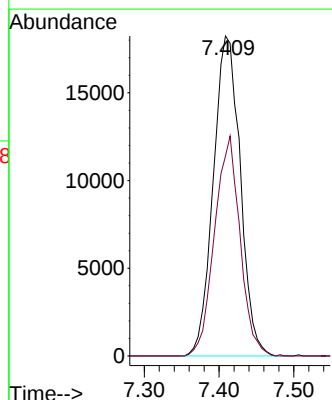
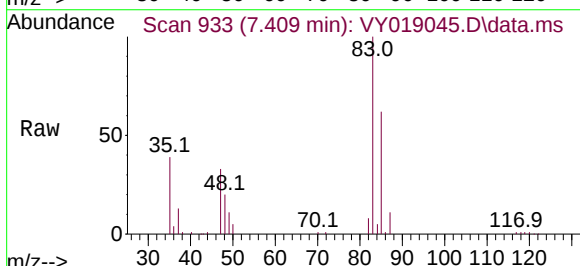
Acq: 14 Aug 2024 09:06

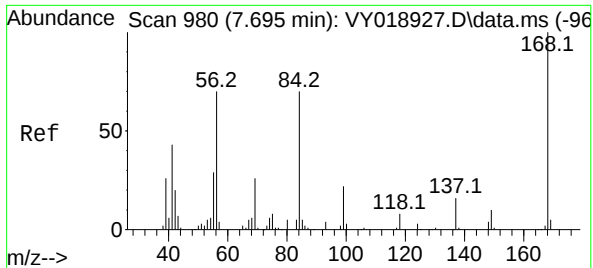
Tgt Ion: 83 Resp: 45748

Ion Ratio Lower Upper

83 100

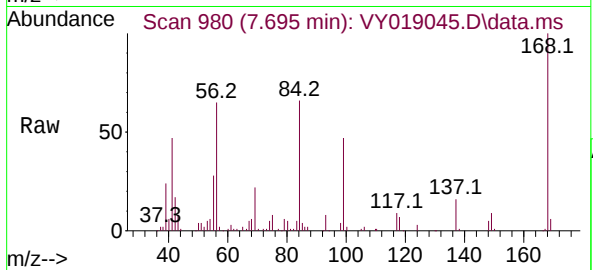
85 62.4 52.2 78.4



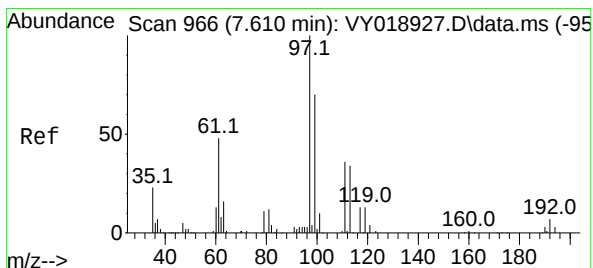
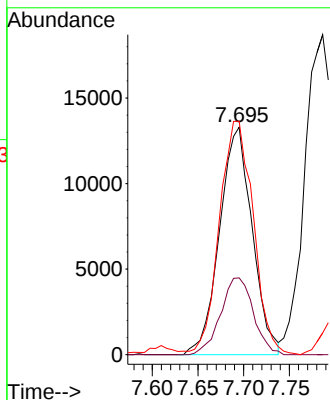
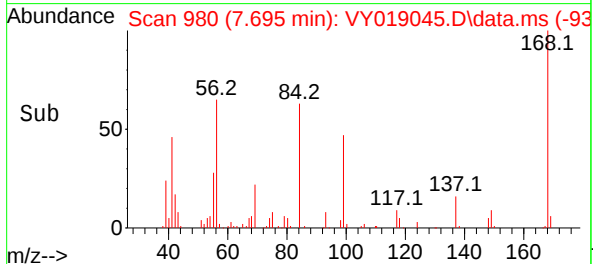


#31
Cyclohexane
Concen: 50.671 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

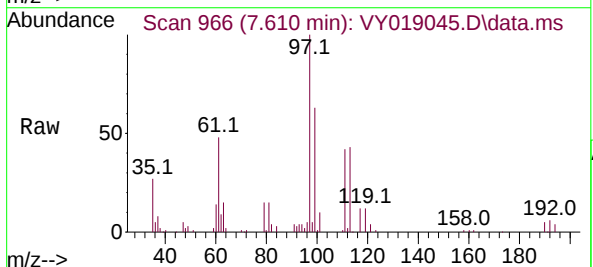
Instrument :
MSVOA_Y
ClientSampleId :



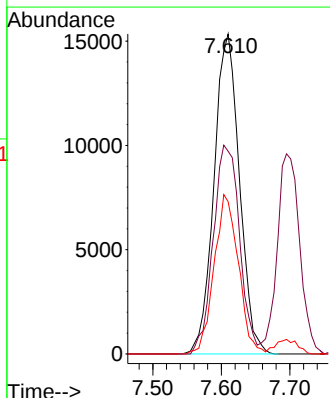
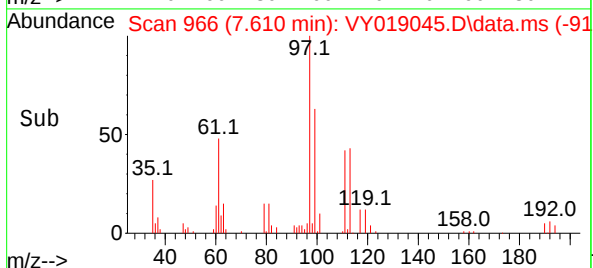
Tgt Ion: 56 Resp: 33040
Ion Ratio Lower Upper
56 100
69 33.8 28.7 43.1
84 101.2 77.7 116.5

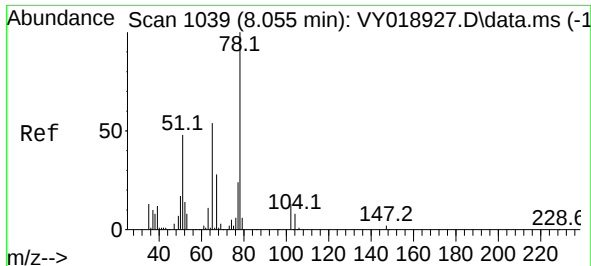


#32
1,1,1-Trichloroethane
Concen: 53.077 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06



Tgt Ion: 97 Resp: 39542
Ion Ratio Lower Upper
97 100
99 67.4 50.3 75.5
61 47.4 32.6 48.8

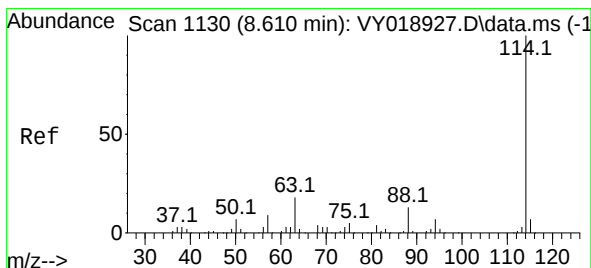
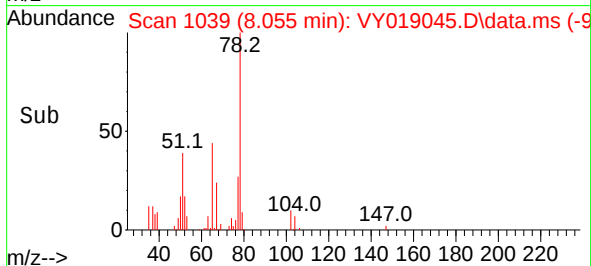
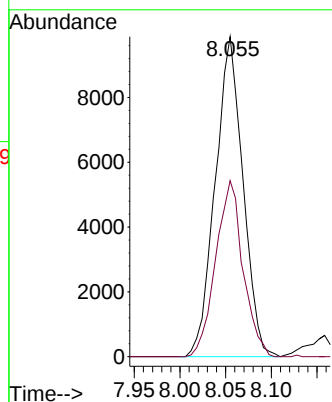
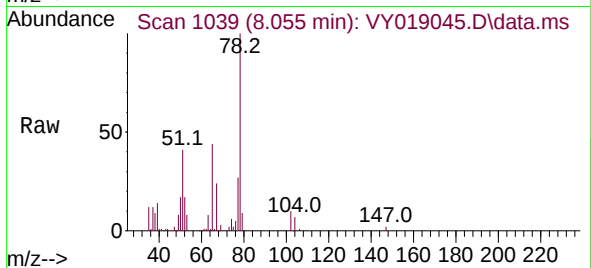




#33
1,2-Dichloroethane-d4
Concen: 49.837 ug/l
RT: 8.055 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

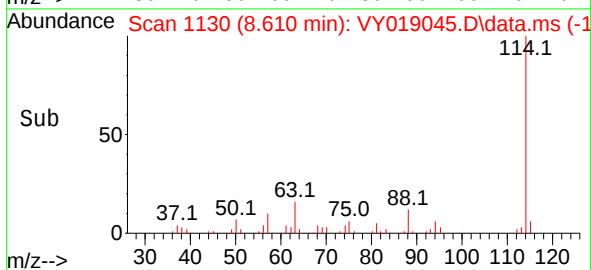
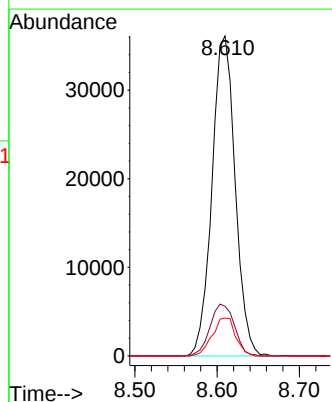
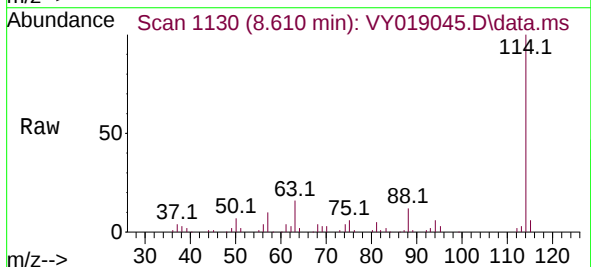
Instrument :
MSVOA_Y
ClientSampleId :

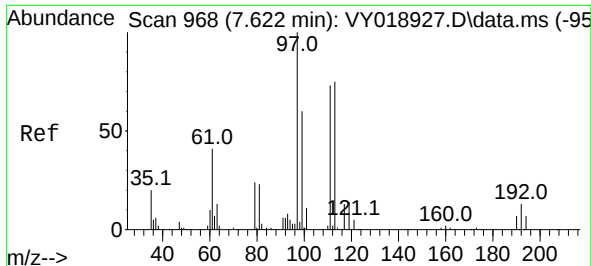
Tgt Ion: 65 Resp: 20802
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion: 114 Resp: 70838
Ion Ratio Lower Upper
114 100
63 15.6 0.0 35.0
88 11.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.819 ug/l

RT: 7.622 min Scan# 90

Delta R.T. -0.000 min

Lab File: VY019045.D

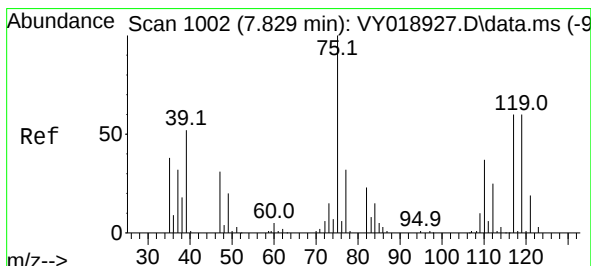
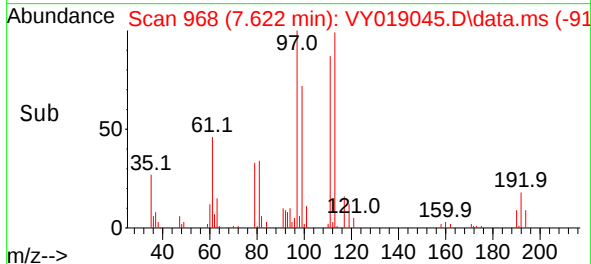
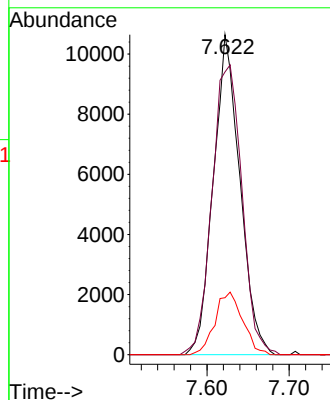
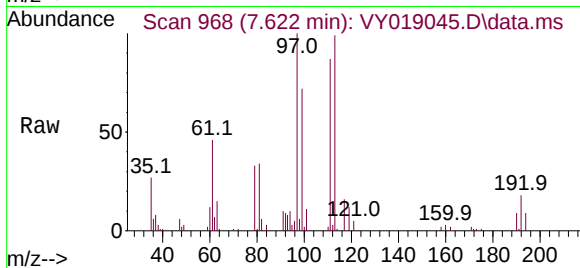
Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	113	Resp:	23897
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	20.5	15.9	23.9



#36

1,1-Dichloropropene

Concen: 54.198 ug/l

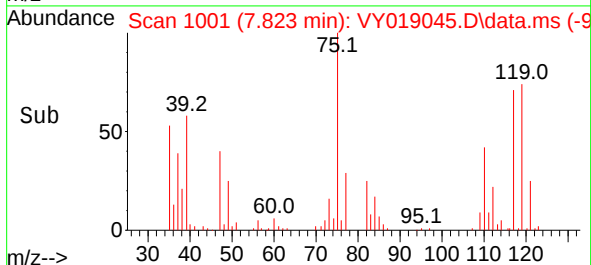
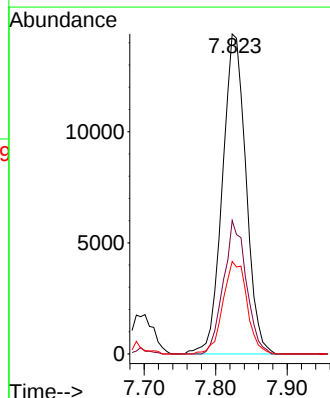
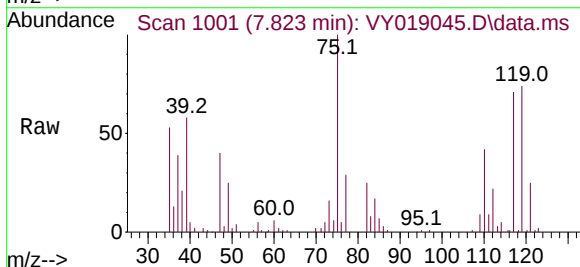
RT: 7.823 min Scan# 1001

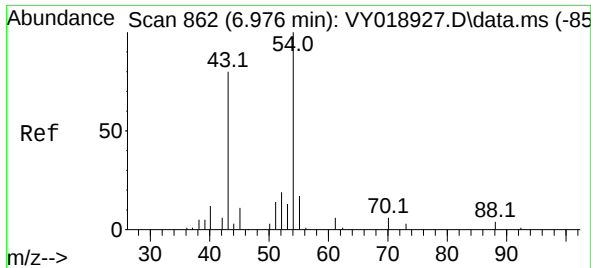
Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Tgt Ion:	75	Resp:	32916
Ion	Ratio	Lower	Upper
75	100		
110	40.2	19.0	57.0
77	29.6	25.3	37.9





#37

Ethyl Acetate

Concen: 46.136 ug/l

RT: 6.970 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

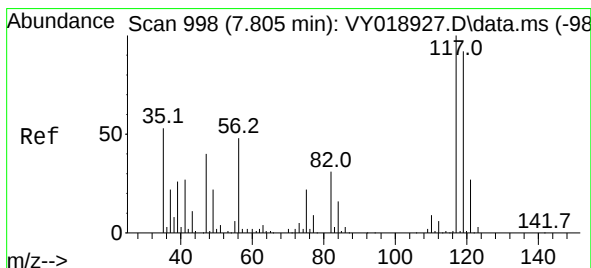
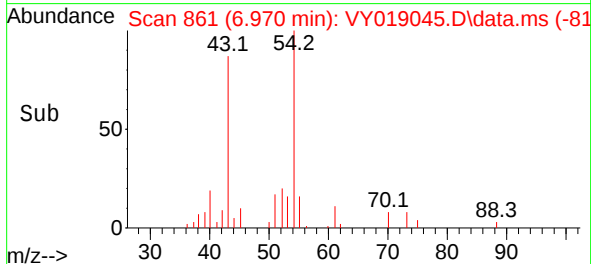
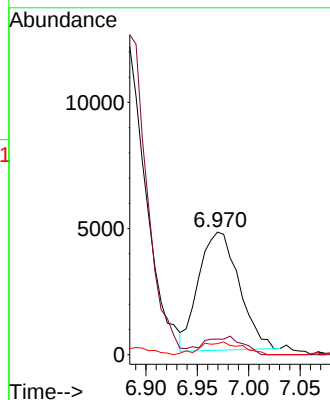
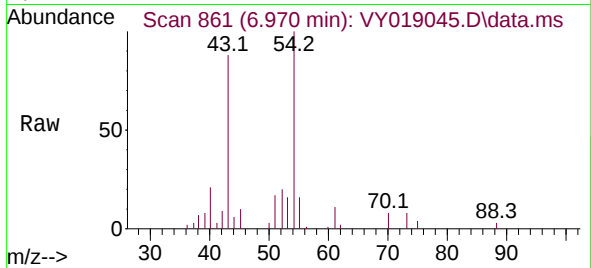
Tgt Ion: 43 Resp: 12807

Ion Ratio Lower Upper

43 100

61 14.8 12.6 19.0

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 56.012 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

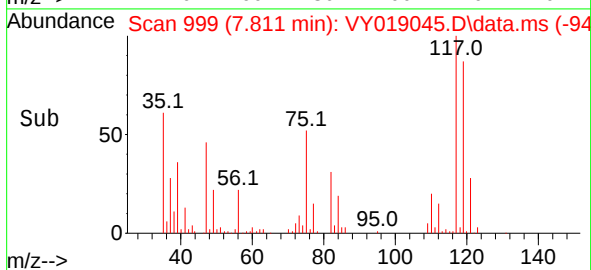
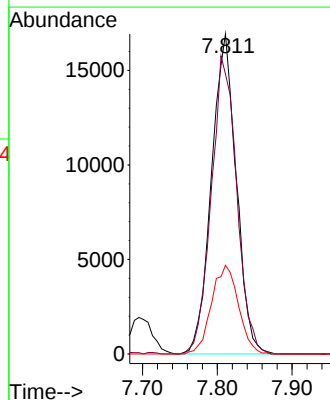
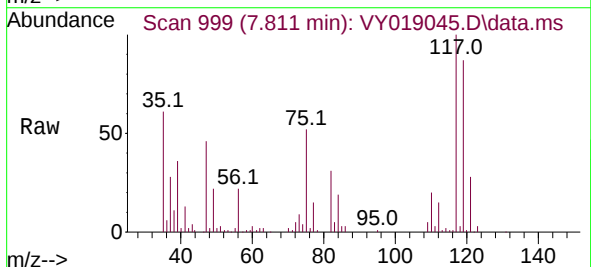
Tgt Ion:117 Resp: 39004

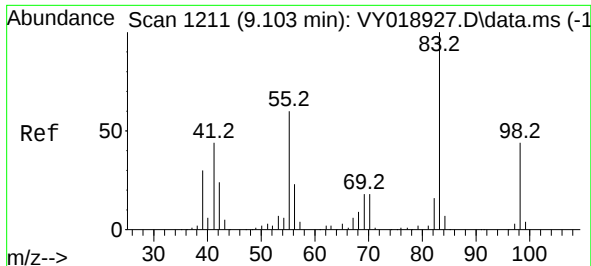
Ion Ratio Lower Upper

117 100

119 87.5 75.8 113.6

121 27.7 24.0 36.0





#39

Methylcyclohexane

Concen: 52.653 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

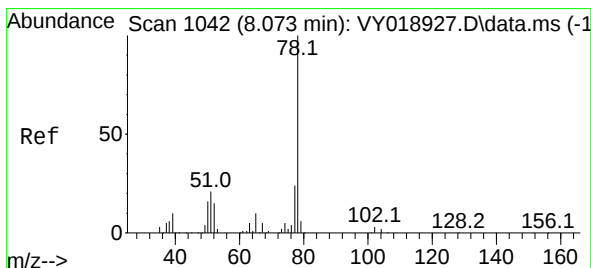
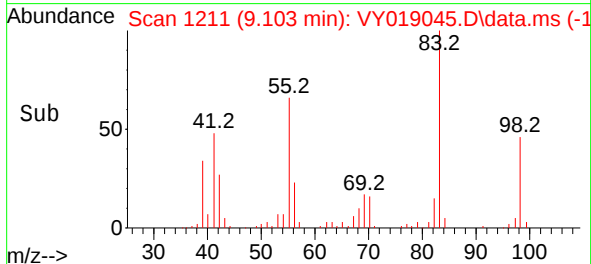
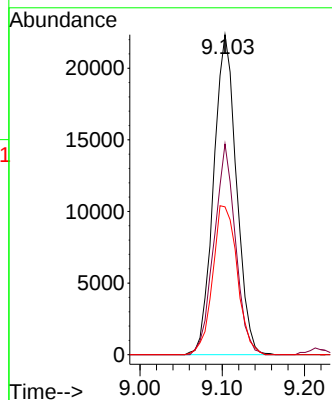
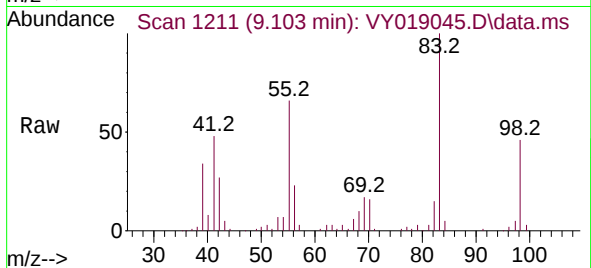
Tgt Ion: 83 Resp: 43043

Ion Ratio Lower Upper

83 100

55 65.8 51.5 77.3

98 46.2 40.5 60.7



#40

Benzene

Concen: 56.377 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY019045.D

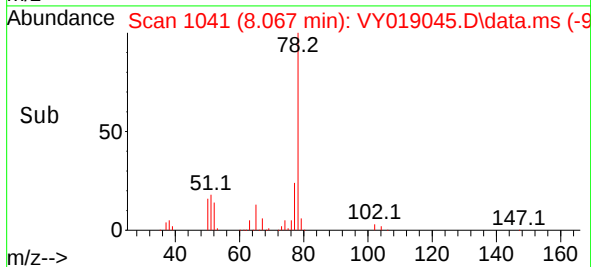
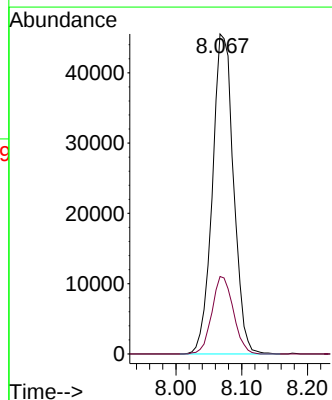
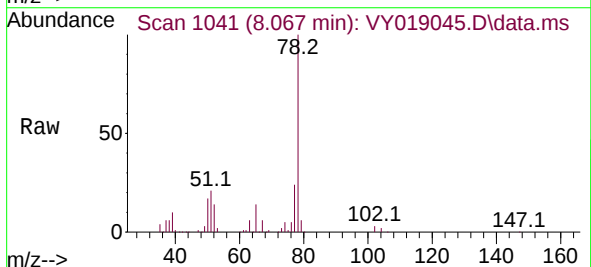
Acq: 14 Aug 2024 09:06

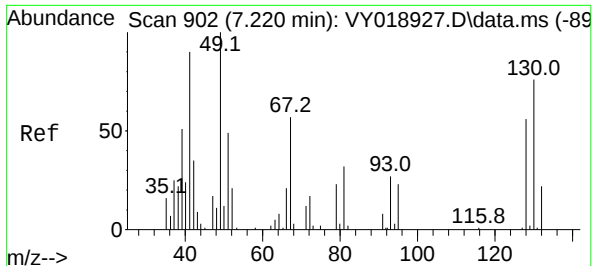
Tgt Ion: 78 Resp: 101801

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3

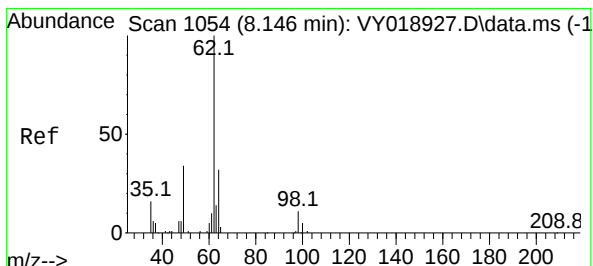
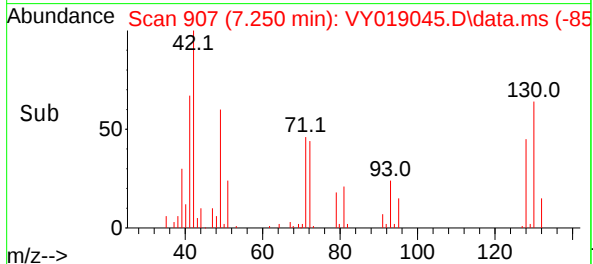
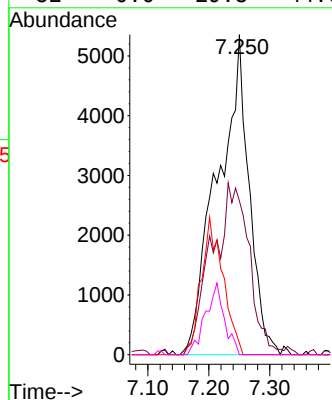
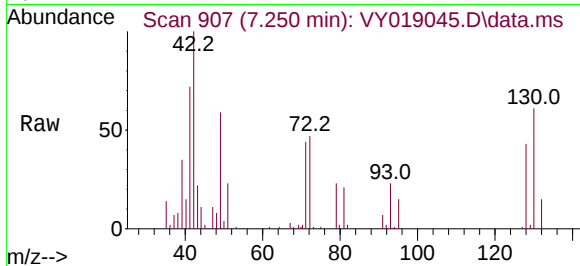




#41
Methacrylonitrile
Concen: 153.753 ug/l
RT: 7.250 min Scan# 902
Delta R.T. 0.031 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

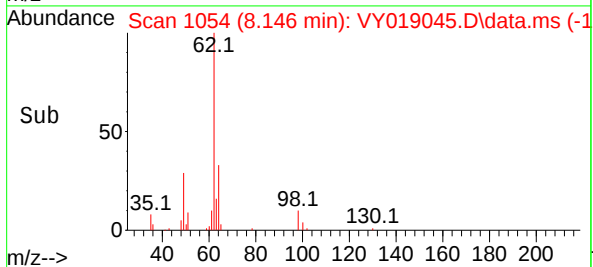
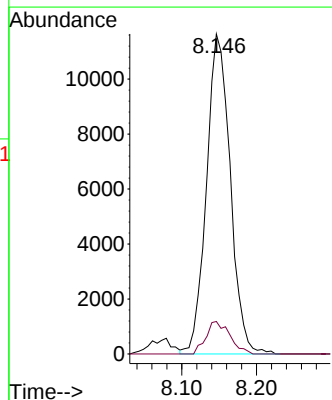
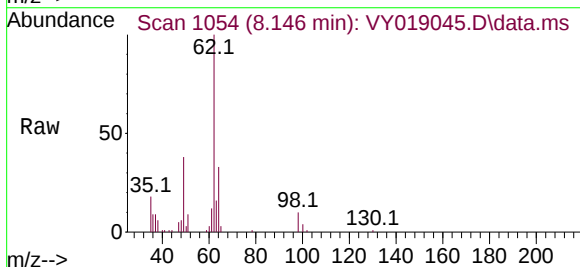
Instrument :
MSVOA_Y
ClientSampleId :

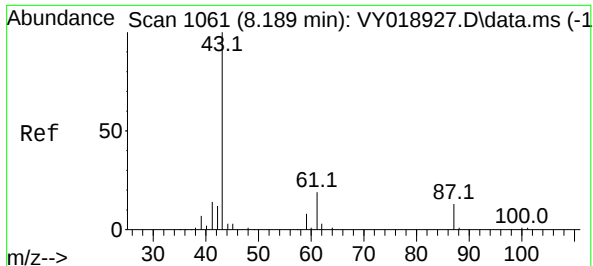
Tgt Ion:	41	Resp:	19183
Ion	Ratio	Lower	Upper
41	100		
39	40.0	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 57.313 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion:	62	Resp:	25764
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	22.0





#43

Isopropyl Acetate

Concen: 48.707 ug/l

RT: 8.189 min Scan# 1061

Delta R.T. 0.000 min

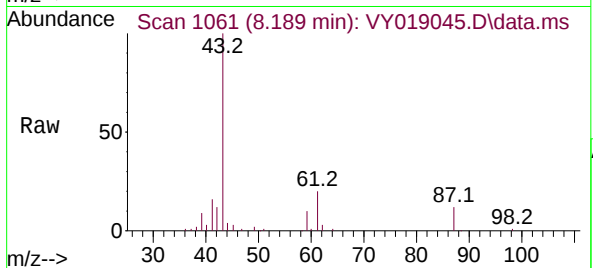
Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

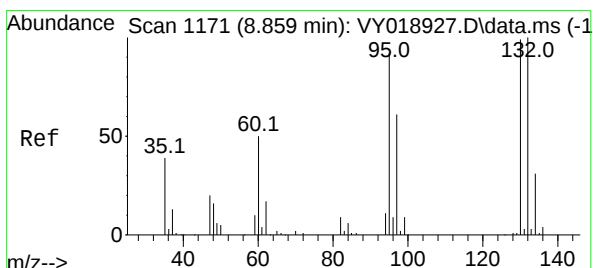
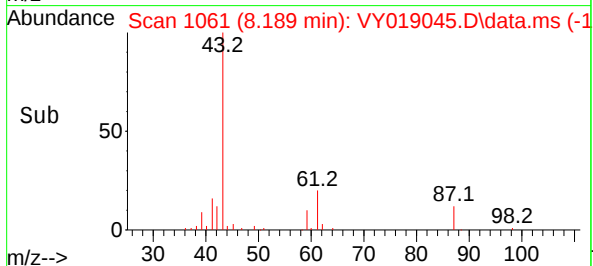
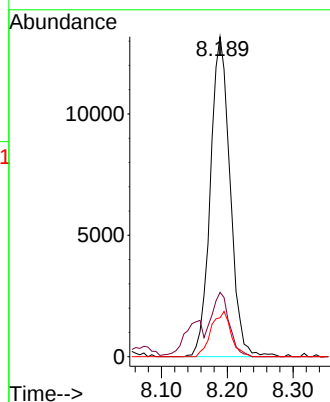
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	27497
Ion Ratio	Lower	Upper	
43	100		
61	18.3	27.9	41.9#
87	14.3	13.1	19.7



#44

Trichloroethene

Concen: 54.877 ug/l

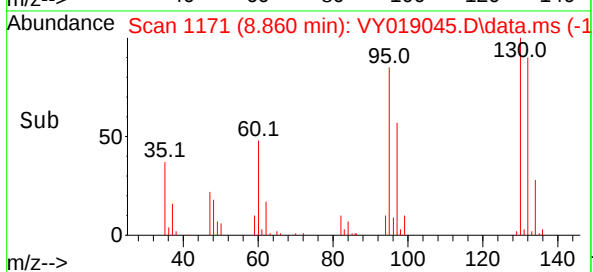
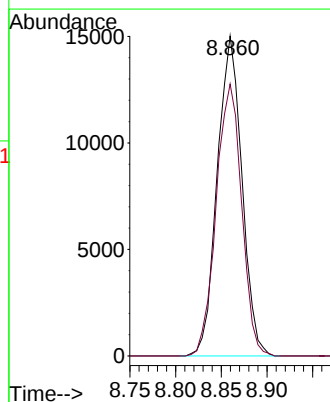
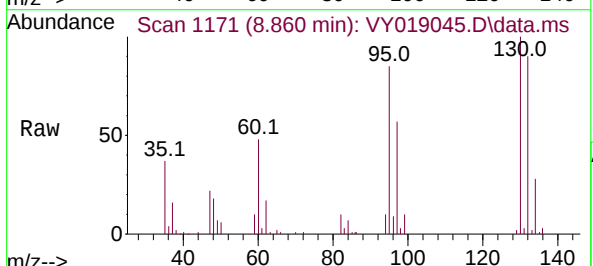
RT: 8.860 min Scan# 1171

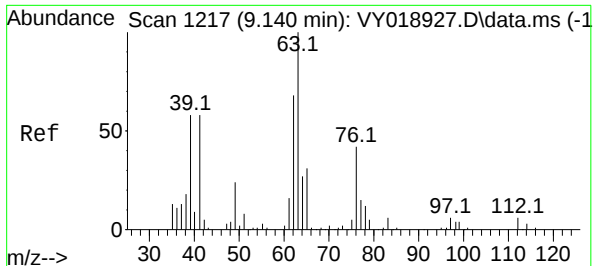
Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Tgt Ion:	130	Resp:	28246
Ion Ratio	Lower	Upper	
130	100		
95	85.0	0.0	188.0





#45

1,2-Dichloropropane

Concen: 54.107 ug/l

RT: 9.134 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

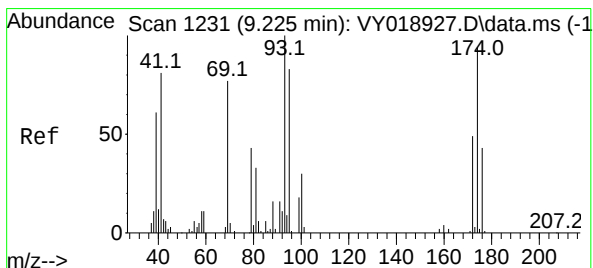
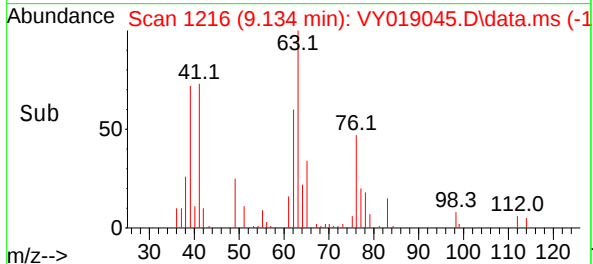
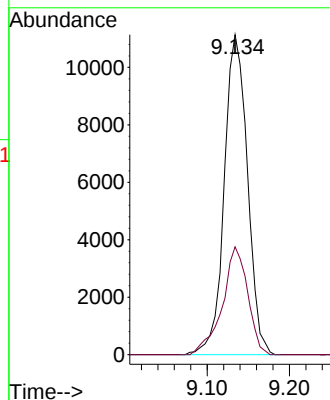
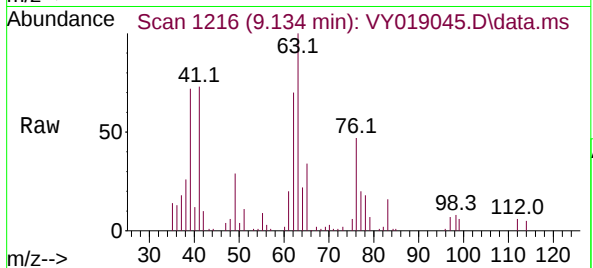
ClientSampleId :

Tgt Ion: 63 Resp: 21862

Ion Ratio Lower Upper

63 100

65 33.7 25.4 38.2



#46

Dibromomethane

Concen: 56.559 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

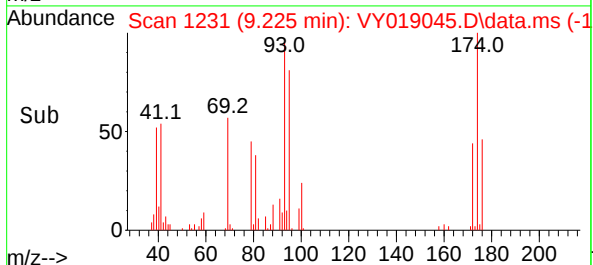
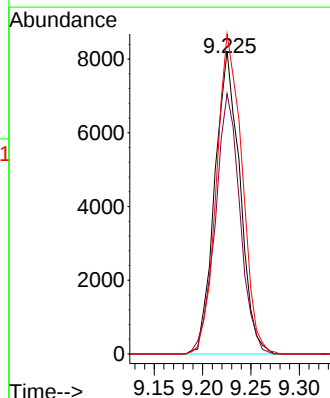
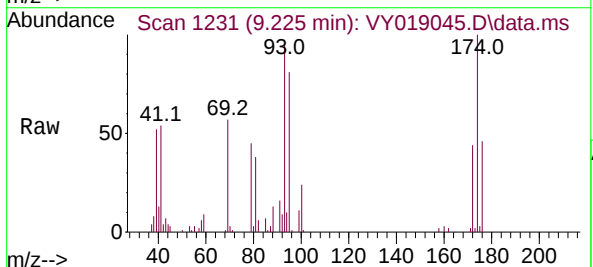
Tgt Ion: 93 Resp: 14766

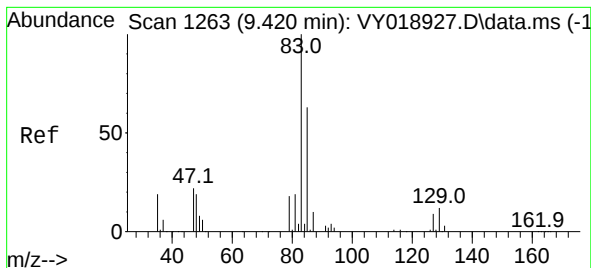
Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.4

174 108.0 80.9 121.3





#47

Bromodichloromethane

Concen: 56.802 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY019045.D

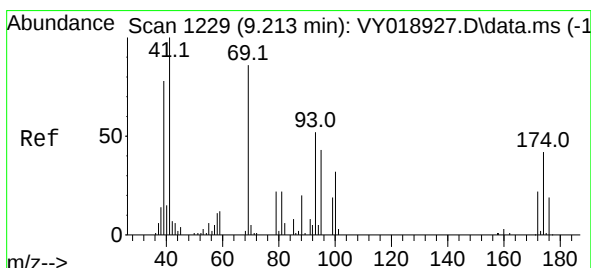
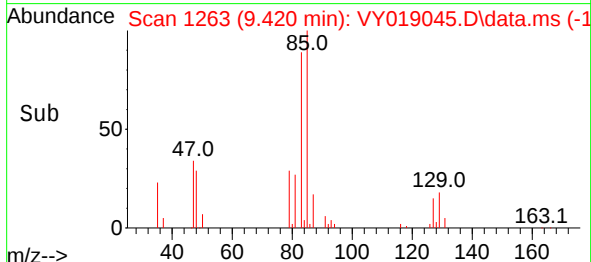
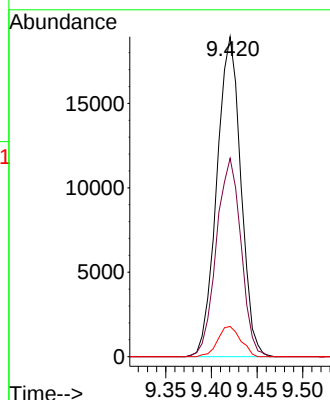
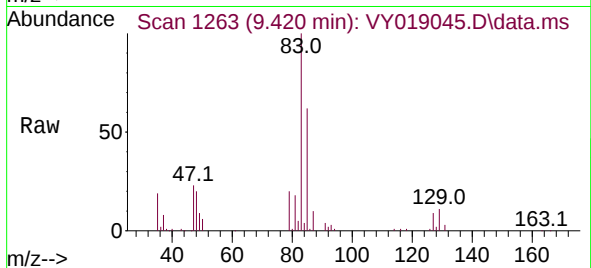
Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	34703
Ion Ratio	Lower	Upper	
83	100		
85	62.0	50.1	75.1
127	9.4	7.4	11.0



#48

Methyl methacrylate

Concen: 50.109 ug/l

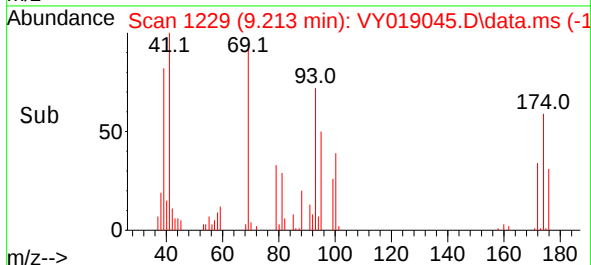
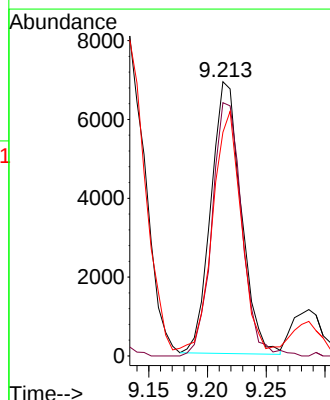
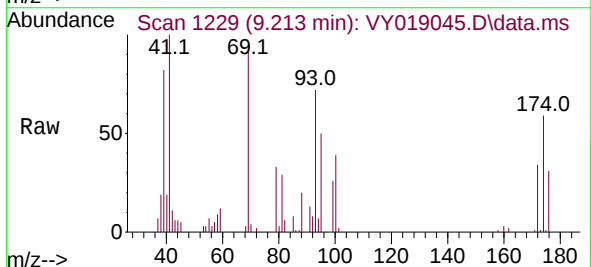
RT: 9.213 min Scan# 1229

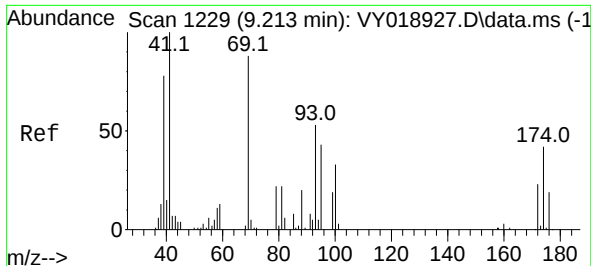
Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

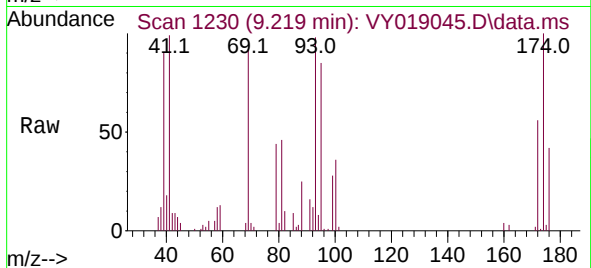
Tgt Ion:	41	Resp:	12358
Ion Ratio	Lower	Upper	
41	100		
69	91.6	84.1	126.1
39	82.0	43.6	65.4



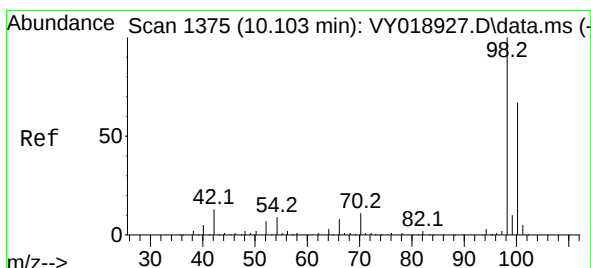
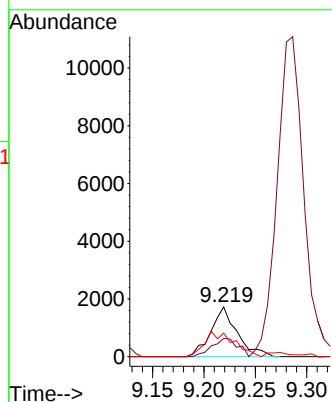
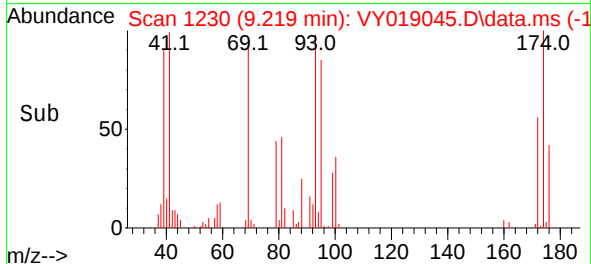


#49
1,4-Dioxane
Concen: 991.436 ug/l
RT: 9.219 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Instrument :
MSVOA_Y
ClientSampleId :

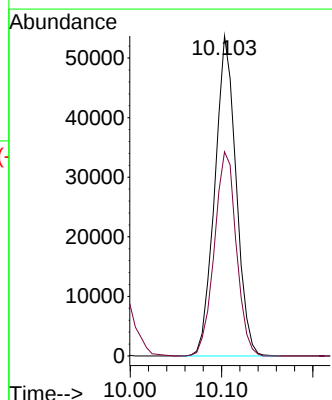
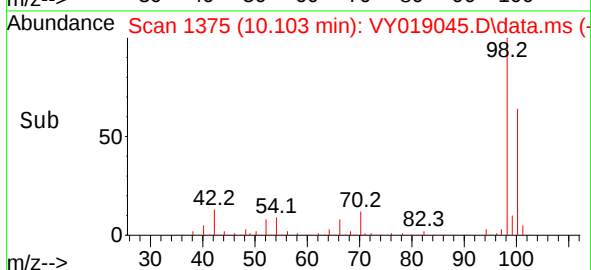
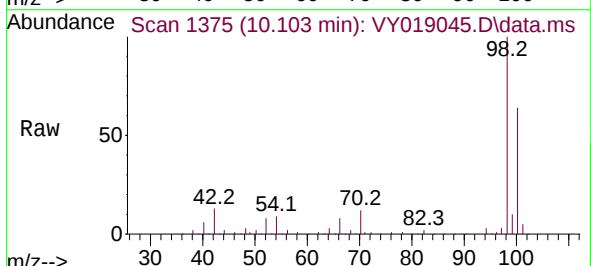


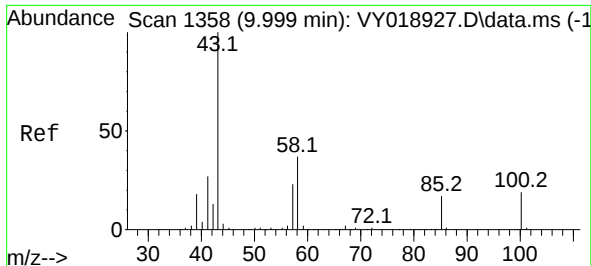
Tgt Ion: 88 Resp: 3058
Ion Ratio Lower Upper
88 100
43 36.0 0.0 0.0#
58 56.2 49.3 73.9



#50
Toluene-d8
Concen: 50.024 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion: 98 Resp: 86932
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

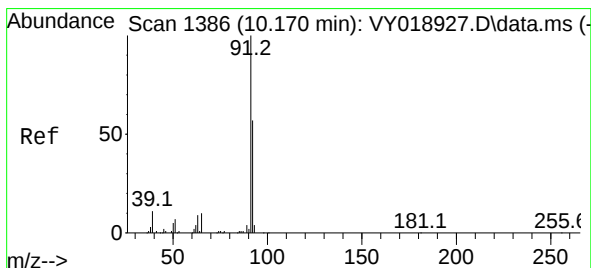
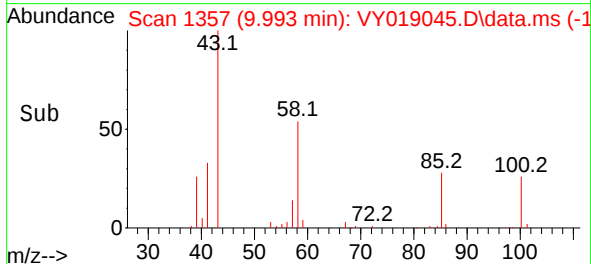
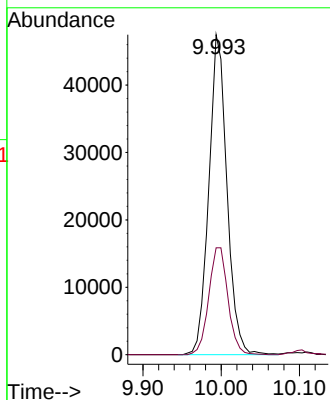
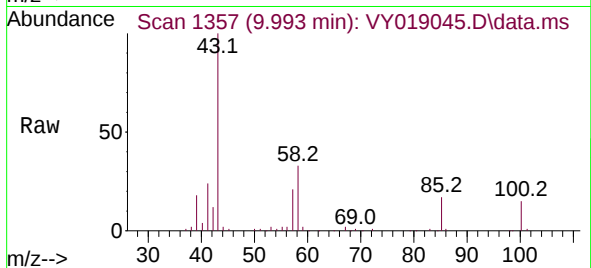




#51
4-Methyl-2-Pentanone
Concen: 261.994 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

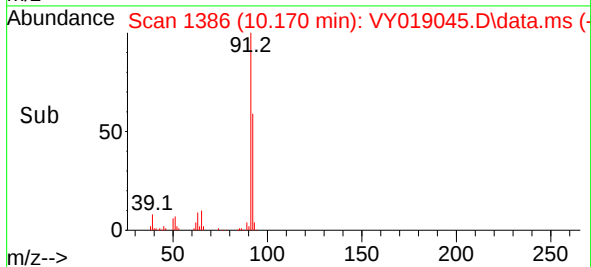
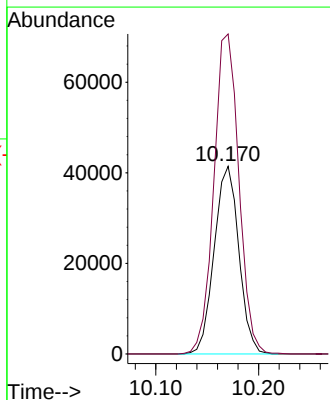
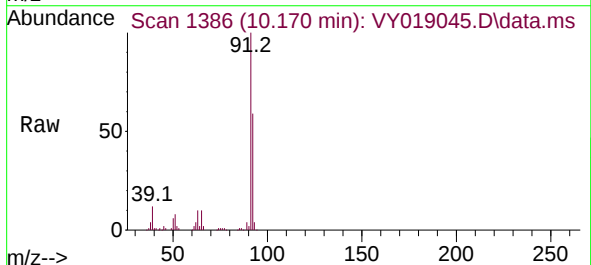
Instrument :
MSVOA_Y
ClientSampleId :

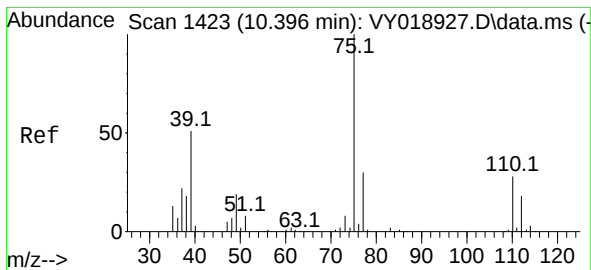
Tgt Ion: 43 Resp: 76280
Ion Ratio Lower Upper
43 100
58 35.4 35.7 53.5#



#52
Toluene
Concen: 57.386 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion: 92 Resp: 68834
Ion Ratio Lower Upper
92 100
91 173.3 139.0 208.6

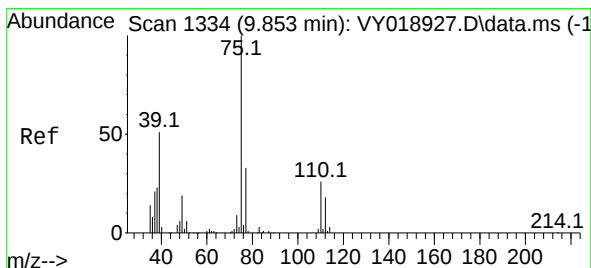
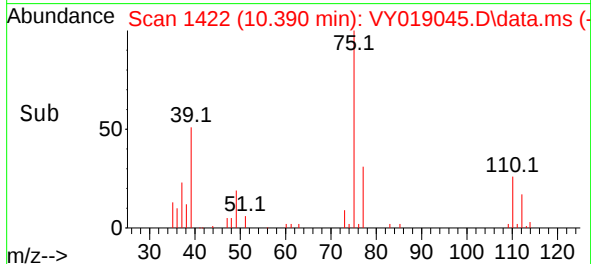
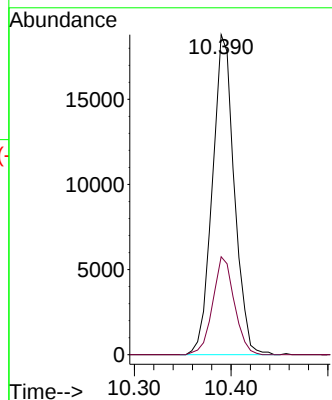
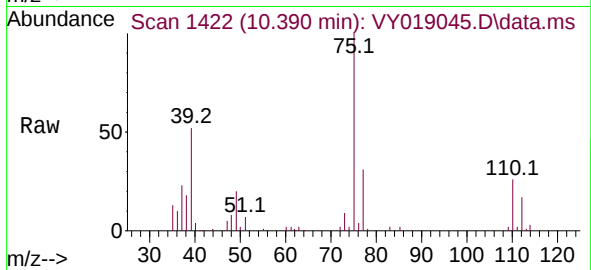




#53
 t-1,3-Dichloropropene
 Concen: 54.119 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY019045.D
 Acq: 14 Aug 2024 09:06

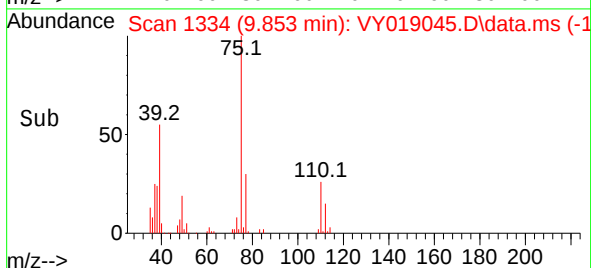
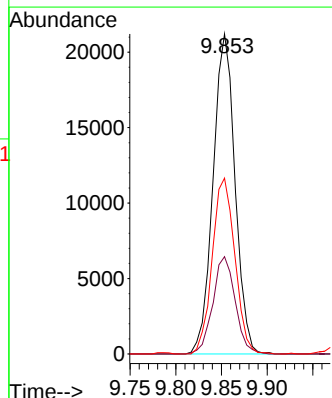
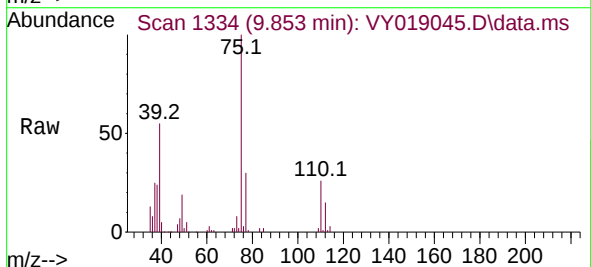
Instrument :
 MSVOA_Y
 ClientSampleId :

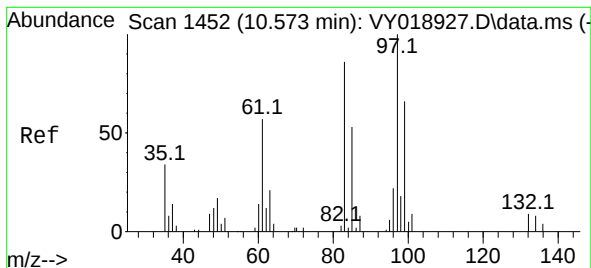
Tgt Ion: 75 Resp: 29485
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 54.895 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY019045.D
 Acq: 14 Aug 2024 09:06

Tgt Ion: 75 Resp: 35526
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0
 39 55.0 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 56.130 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

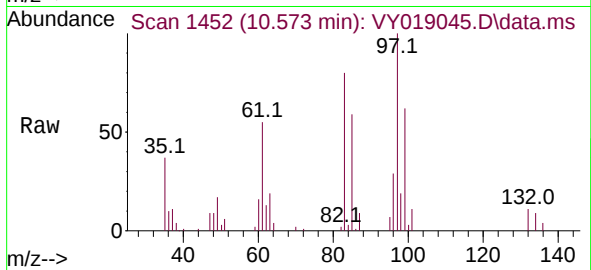
Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 17996

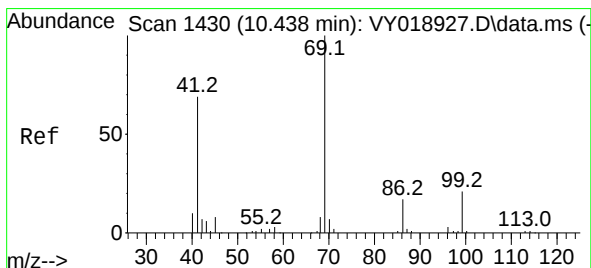
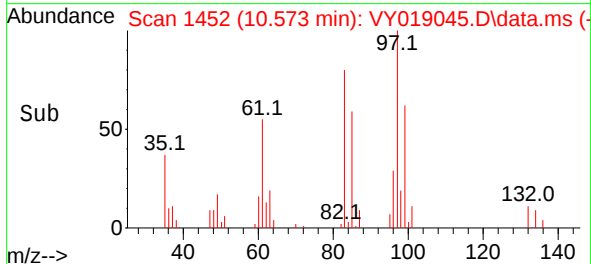
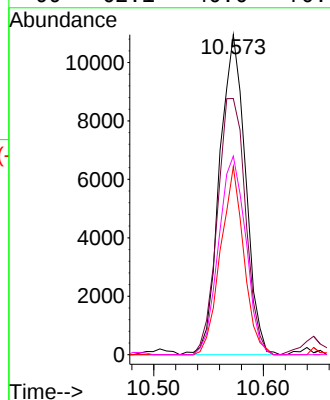
Ion Ratio Lower Upper

97 100

83 80.0 67.5 101.3

85 58.8 42.9 64.3

99 62.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 49.152 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

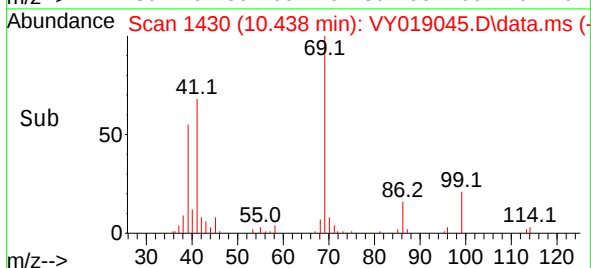
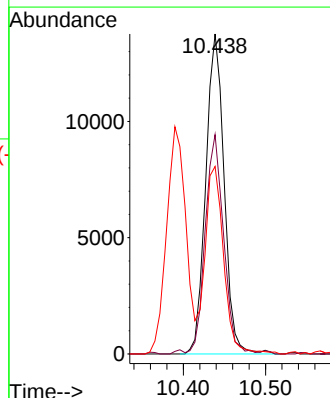
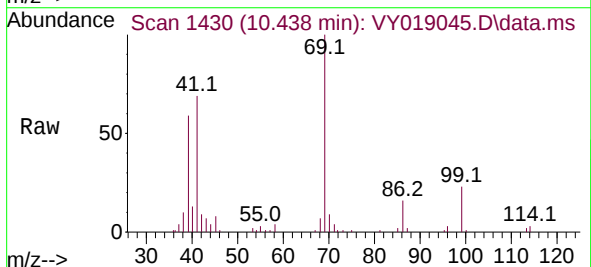
Tgt Ion: 69 Resp: 21337

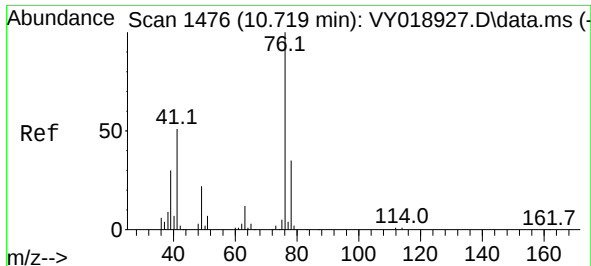
Ion Ratio Lower Upper

69 100

41 69.1 42.3 63.5#

39 59.3 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.296 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

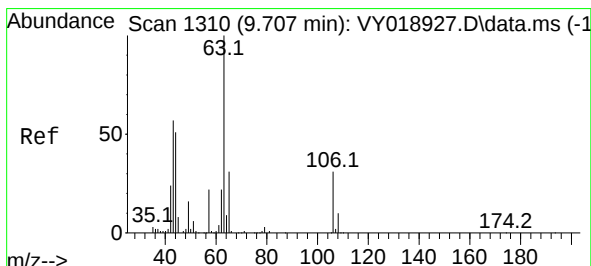
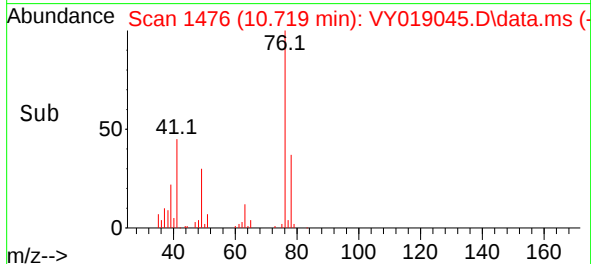
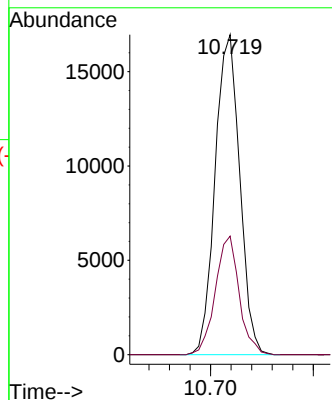
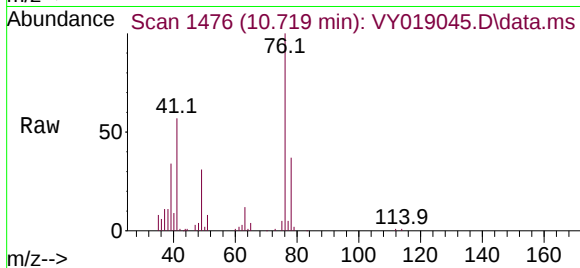
ClientSampleId :

Tgt Ion: 76 Resp: 28134

Ion Ratio Lower Upper

76 100

78 35.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 244.540 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY019045.D

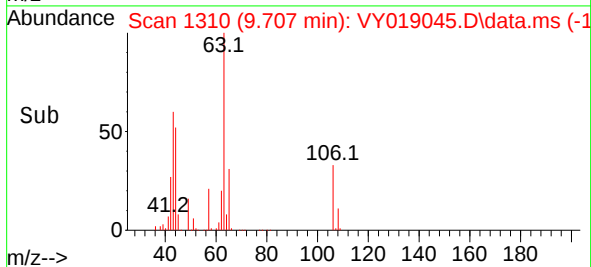
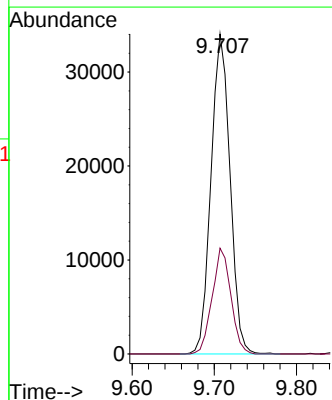
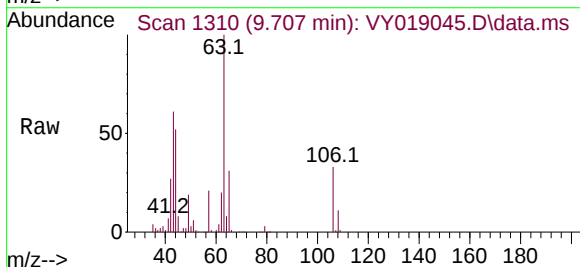
Acq: 14 Aug 2024 09:06

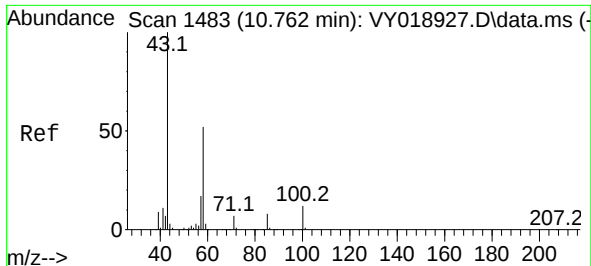
Tgt Ion: 63 Resp: 54727

Ion Ratio Lower Upper

63 100

106 32.5 23.7 35.5

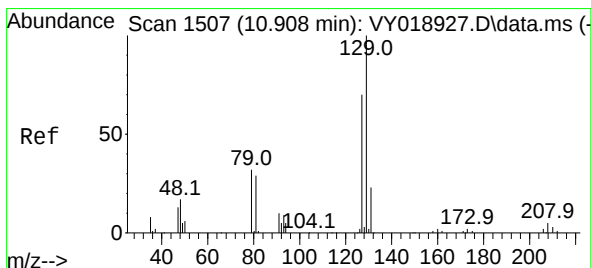
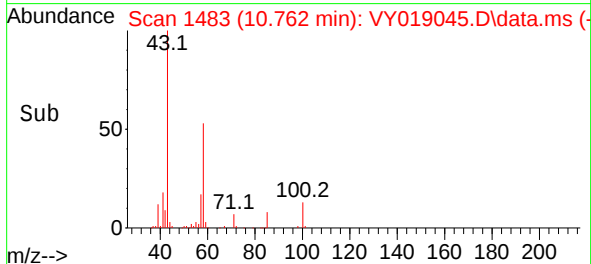
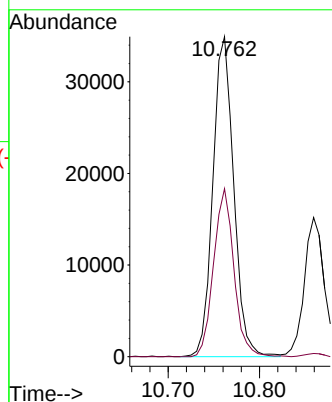
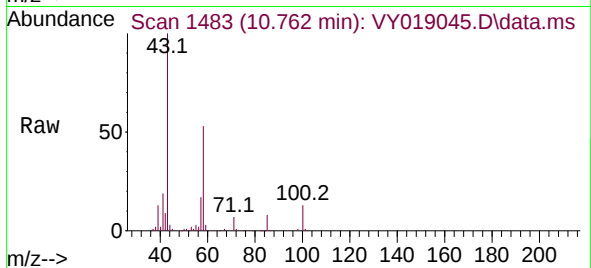




#59
2-Hexanone
Concen: 264.717 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

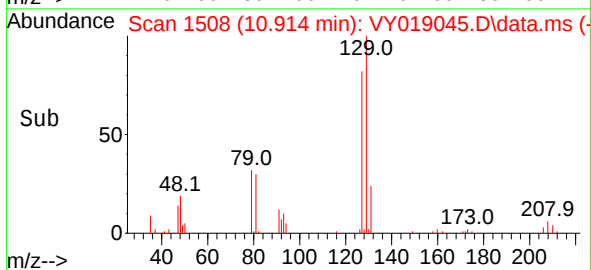
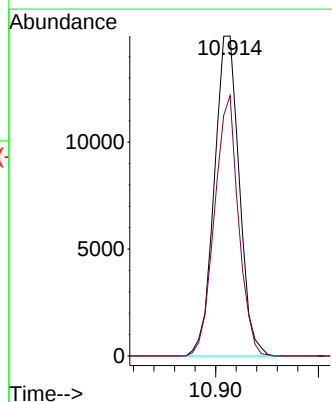
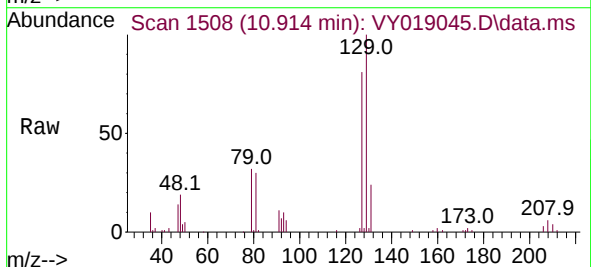
Instrument :
MSVOA_Y
ClientSampleId :

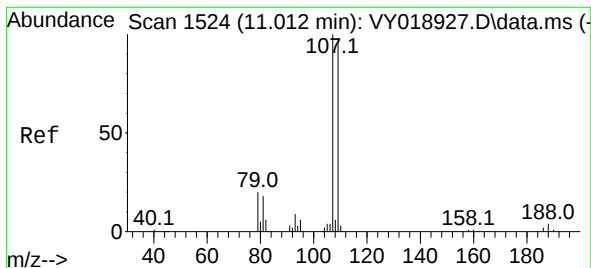
Tgt Ion: 43 Resp: 55287
Ion Ratio Lower Upper
43 100
58 51.3 31.4 94.0



#60
Dibromochloromethane
Concen: 58.652 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion: 129 Resp: 25211
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.241 ug/l

RT: 11.018 min Scan# 1524

Delta R.T. 0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

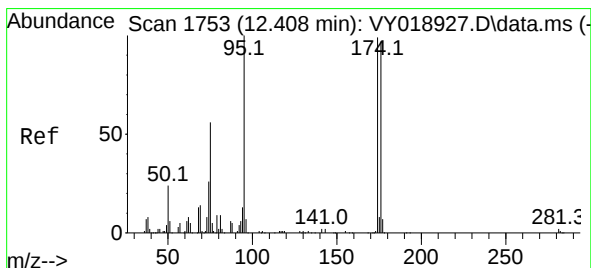
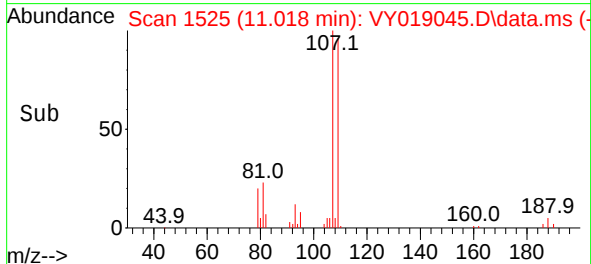
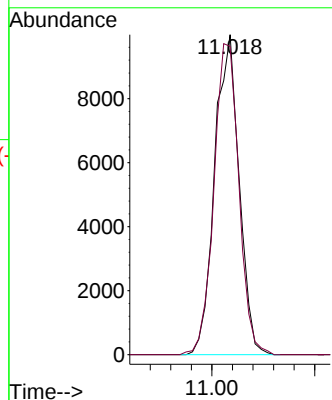
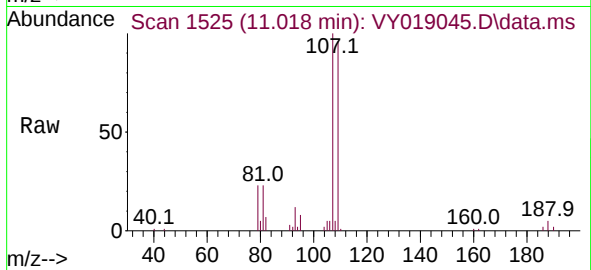
ClientSampleId :

Tgt Ion:107 Resp: 16482

Ion Ratio Lower Upper

107 100

109 99.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 49.562 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

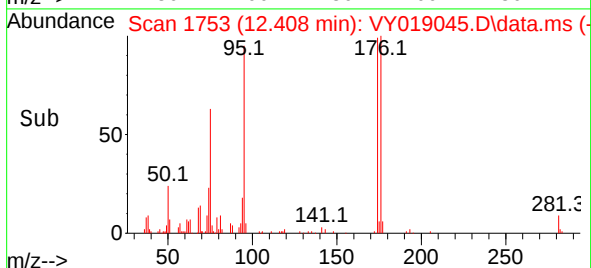
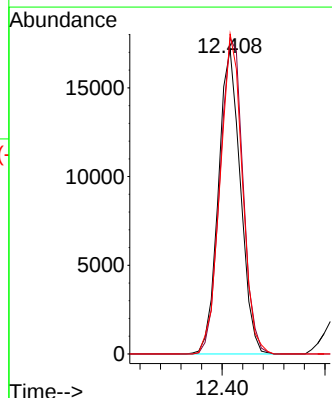
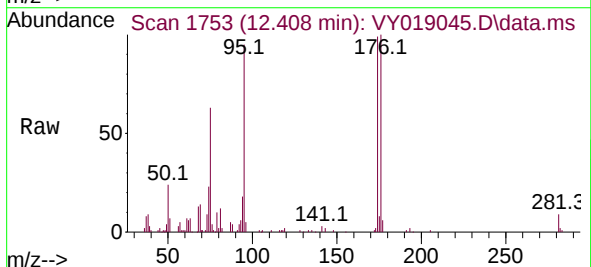
Tgt Ion: 95 Resp: 25553

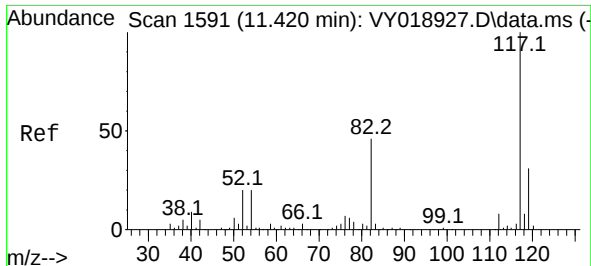
Ion Ratio Lower Upper

95 100

174 107.7 0.0 175.6

176 105.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

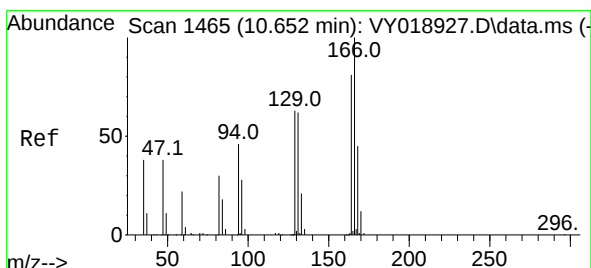
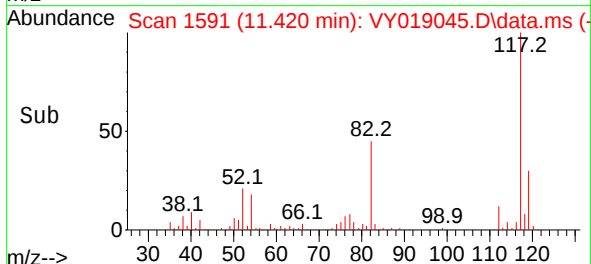
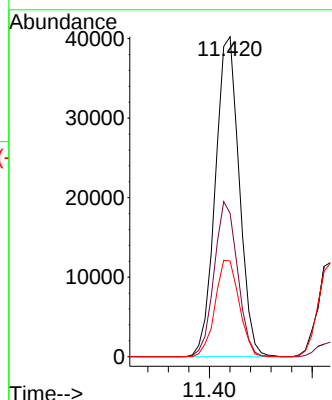
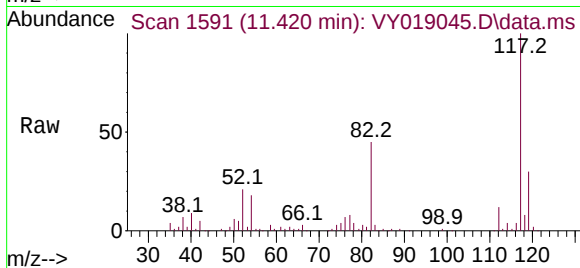
Tgt Ion:117 Resp: 64849

Ion Ratio Lower Upper

117 100

82 44.8 42.4 63.6

119 29.9 25.9 38.9



#64

Tetrachloroethene

Concen: 53.953 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Tgt Ion:164 Resp: 29330

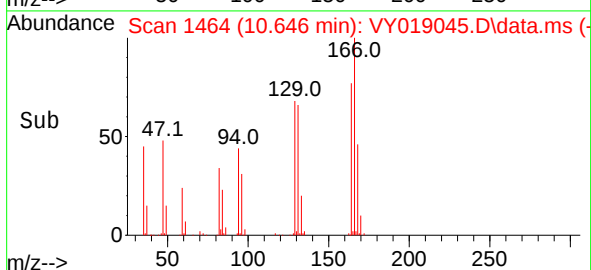
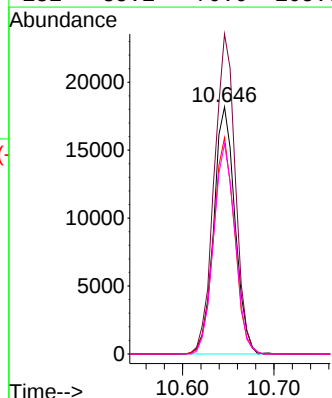
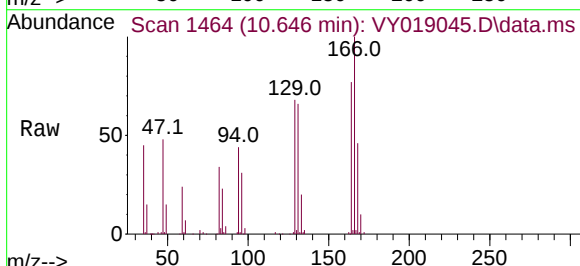
Ion Ratio Lower Upper

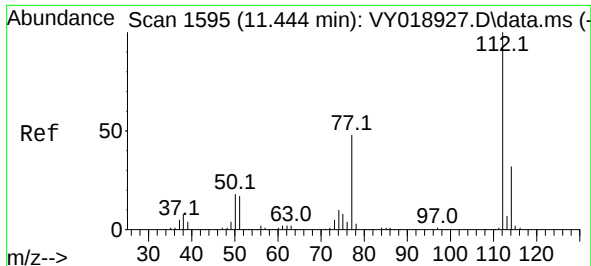
164 100

166 129.5 102.6 154.0

129 87.5 72.0 108.0

131 85.1 70.0 105.0





#65

Chlorobenzene

Concen: 54.593 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

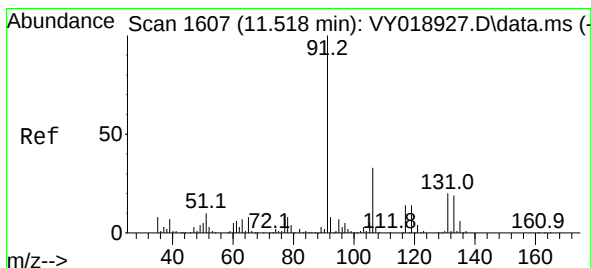
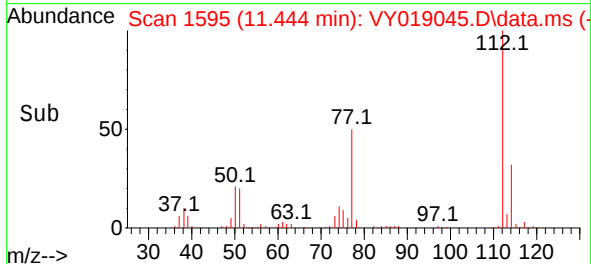
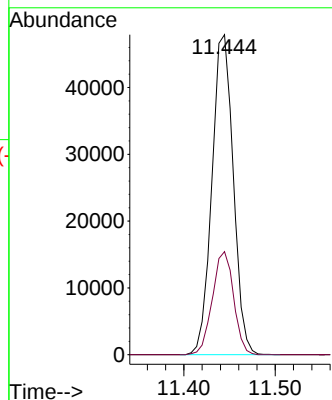
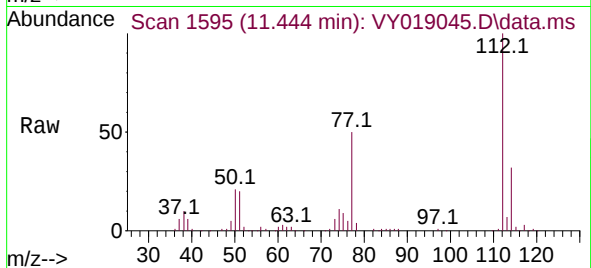
ClientSampleId :

Tgt Ion:112 Resp: 77732

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.829 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

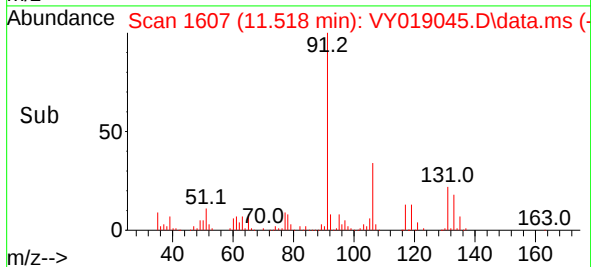
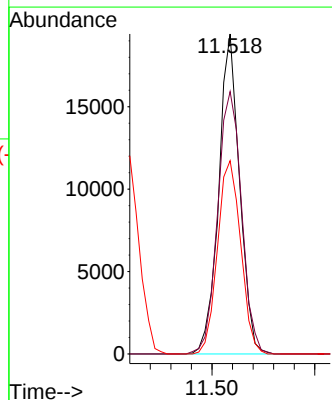
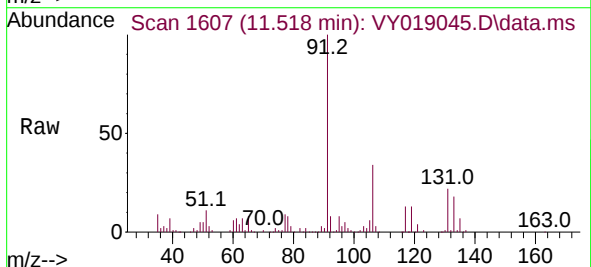
Tgt Ion:131 Resp: 27306

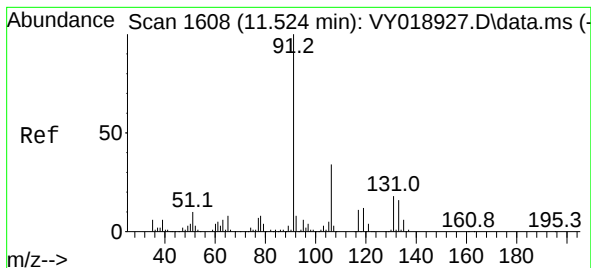
Ion Ratio Lower Upper

131 100

133 93.9 47.8 143.3

119 67.1 34.1 102.2





#67

Ethyl Benzene

Concen: 52.709 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

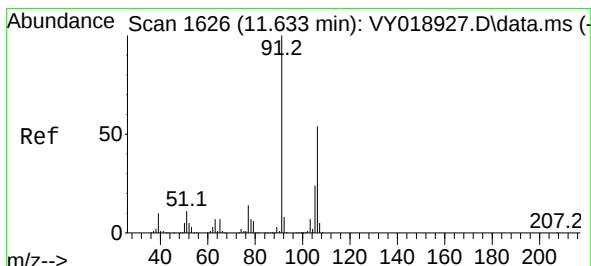
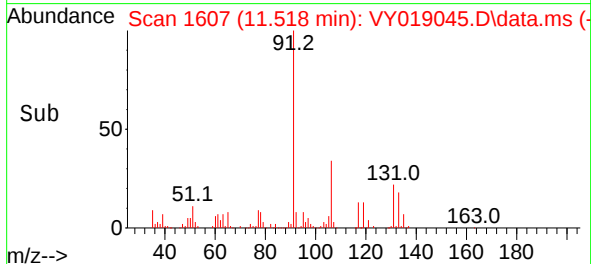
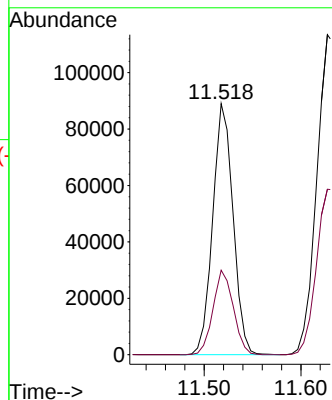
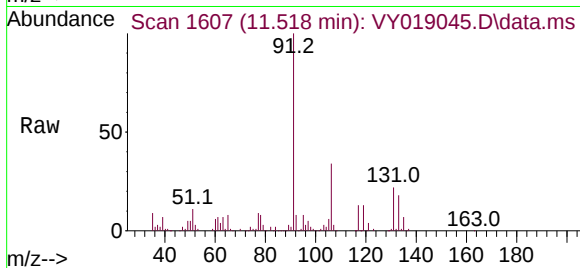
ClientSampleId :

Tgt Ion: 91 Resp: 129936

Ion Ratio Lower Upper

91 100

106 33.7 24.5 36.7



#68

m/p-Xylenes

Concen: 107.079 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019045.D

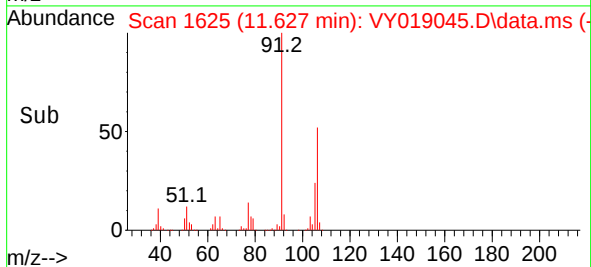
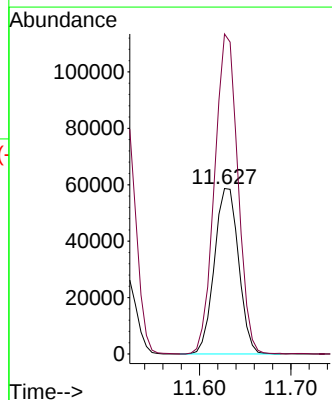
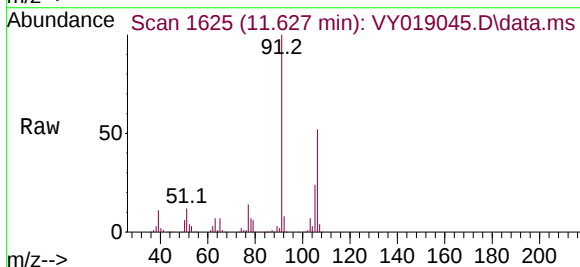
Acq: 14 Aug 2024 09:06

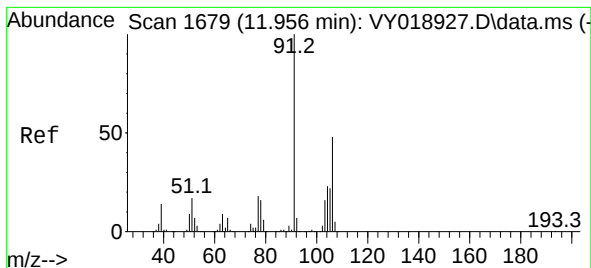
Tgt Ion:106 Resp: 108240

Ion Ratio Lower Upper

106 100

91 186.0 156.0 234.0





#69

o-Xylene

Concen: 55.848 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

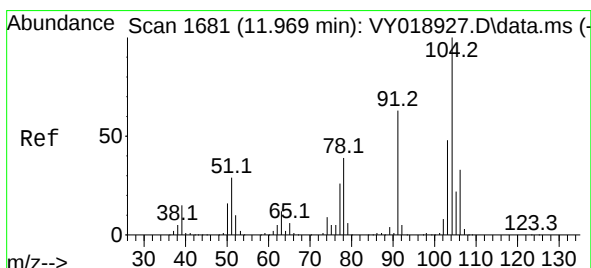
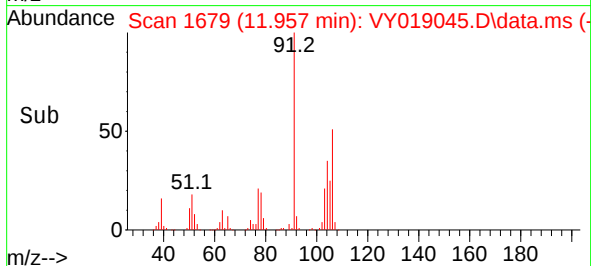
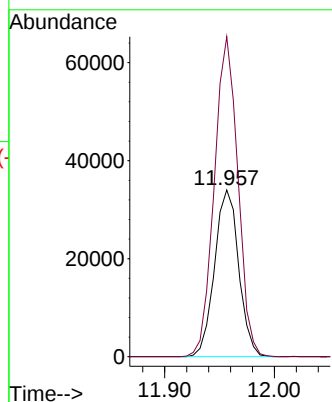
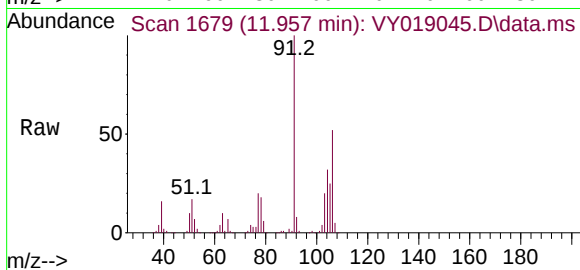
ClientSampleId :

Tgt Ion:106 Resp: 52103

Ion Ratio Lower Upper

106 100

91 187.3 103.6 310.8



#70

Styrene

Concen: 55.449 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

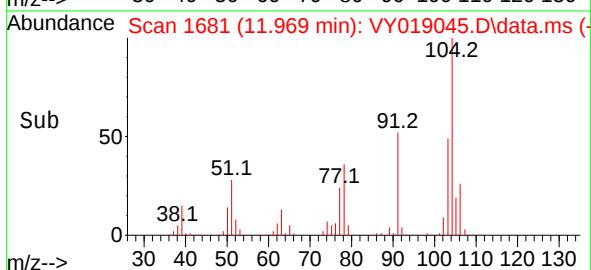
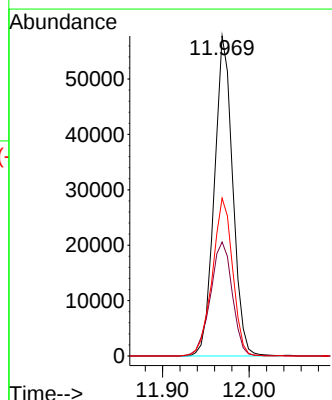
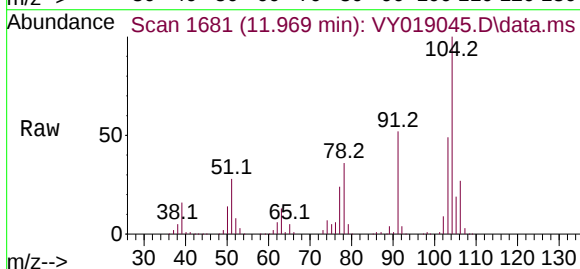
Tgt Ion:104 Resp: 85206

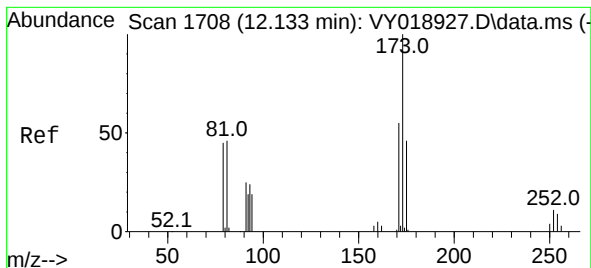
Ion Ratio Lower Upper

104 100

78 42.3 37.0 55.4

103 54.2 44.2 66.2





#71

Bromoform

Concen: 57.390 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

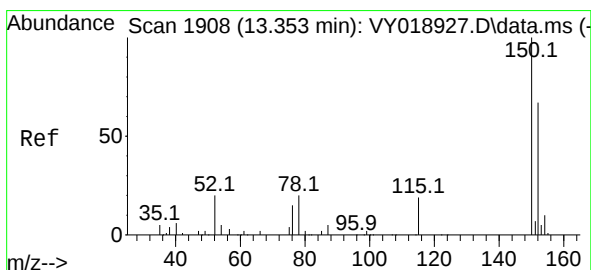
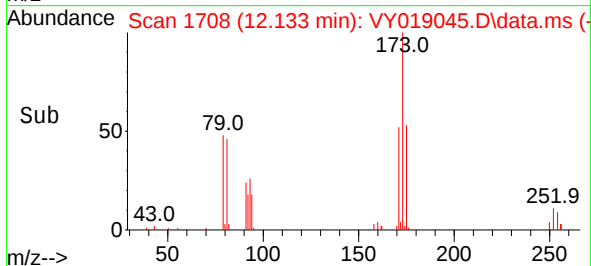
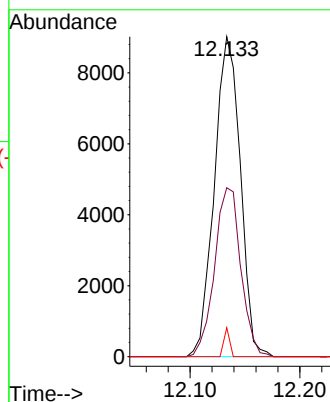
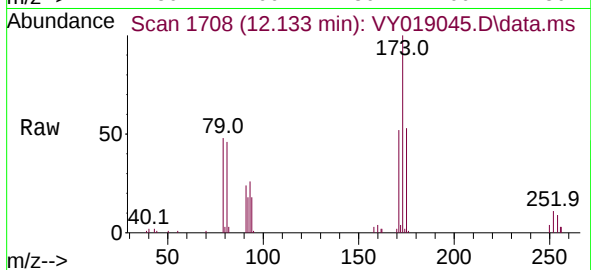
Tgt Ion:173 Resp: 14863

Ion Ratio Lower Upper

173 100

175 53.4 25.1 75.3

254 2.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

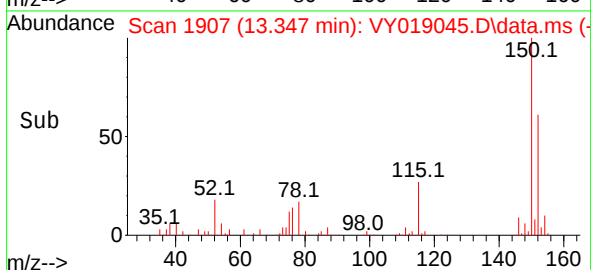
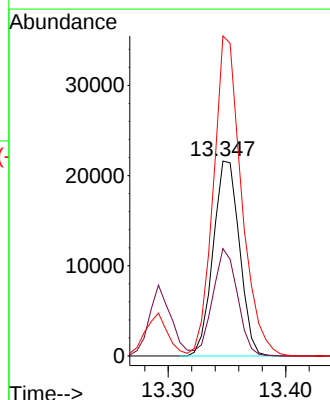
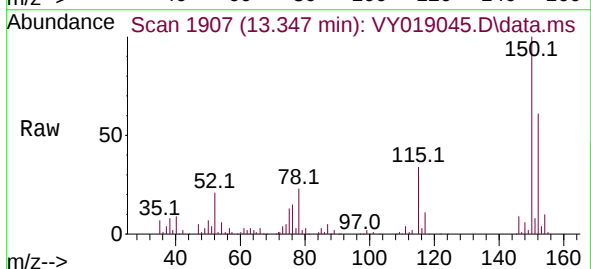
Tgt Ion:152 Resp: 33609

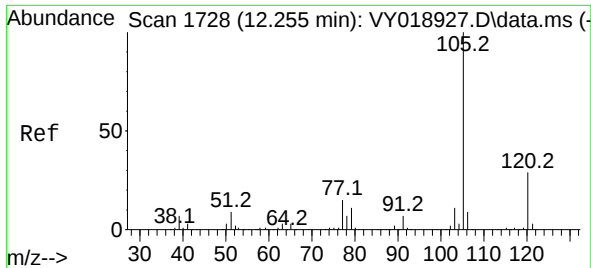
Ion Ratio Lower Upper

152 100

115 51.6 28.2 84.7

150 175.2 0.0 345.6

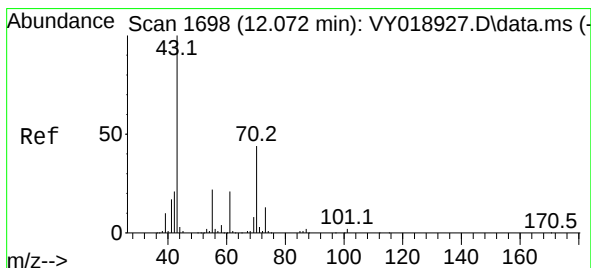
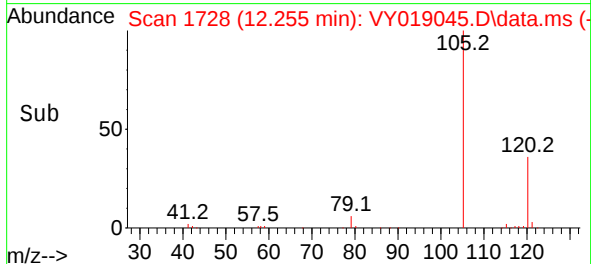
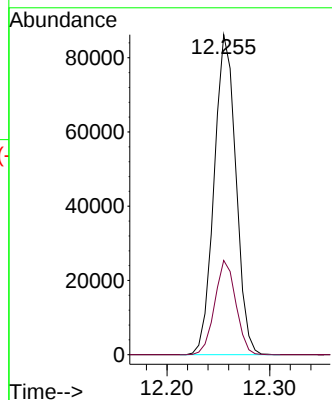
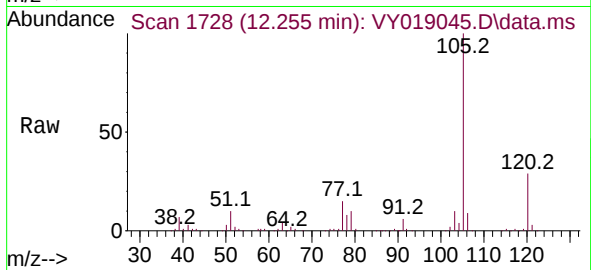




#73
Isopropylbenzene
Concen: 51.871 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

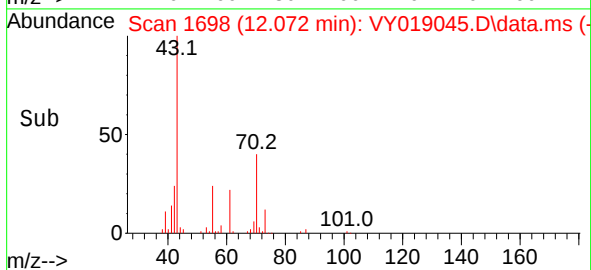
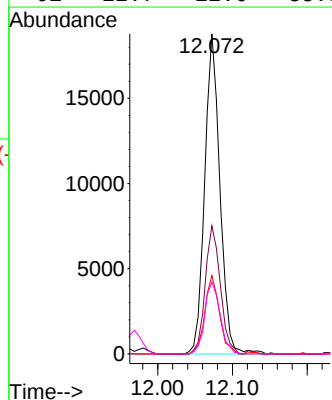
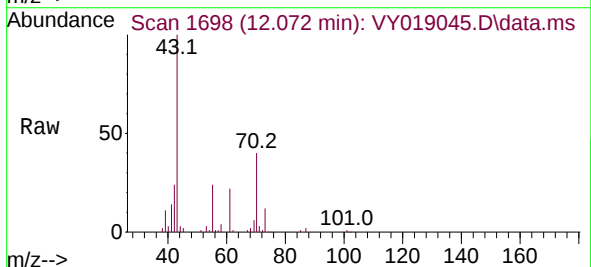
Instrument :
MSVOA_Y
ClientSampleId :

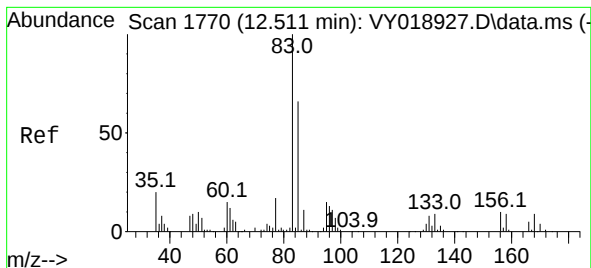
Tgt Ion:105 Resp: 126543
Ion Ratio Lower Upper
105 100
120 28.5 13.4 40.1



#74
N-ethyl acetate
Concen: 47.169 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion: 43 Resp: 26554
Ion Ratio Lower Upper
43 100
70 39.7 41.4 62.2#
55 23.6 23.3 34.9
61 22.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.698 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

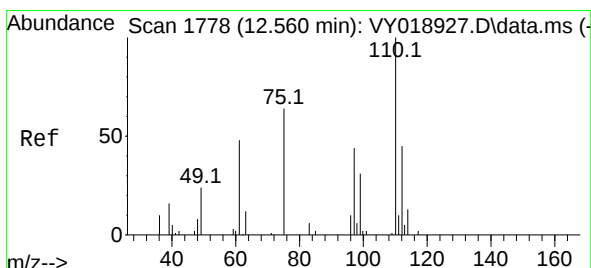
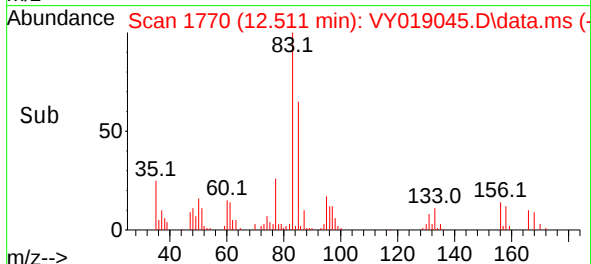
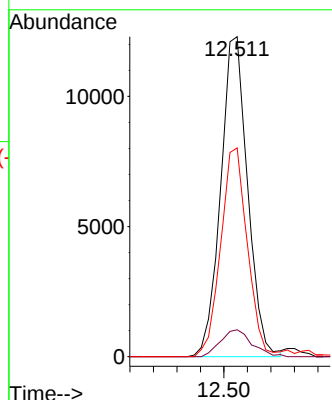
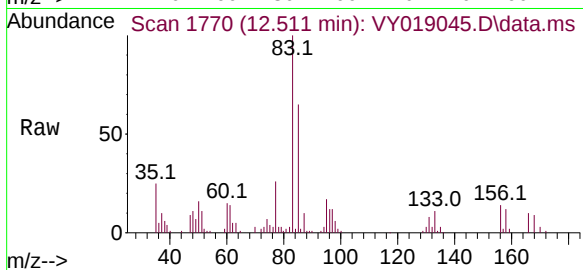
Tgt Ion: 83 Resp: 19566

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 99.456 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019045.D

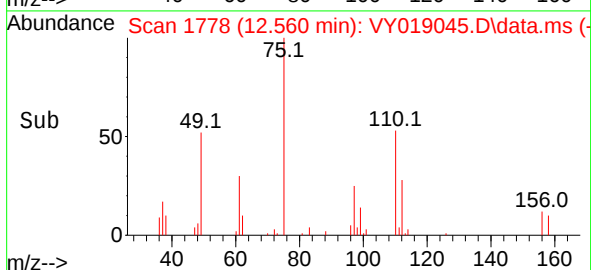
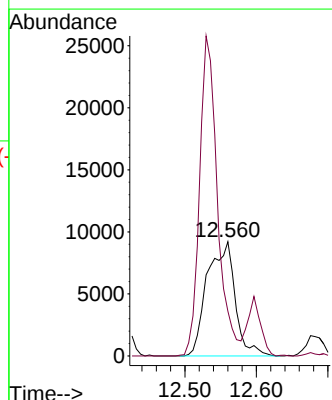
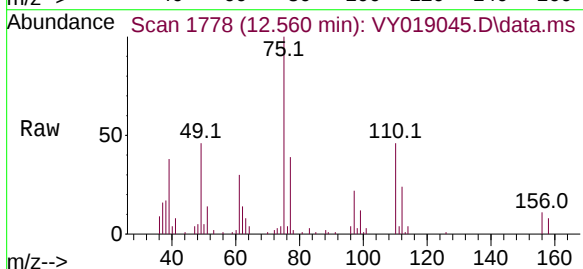
Acq: 14 Aug 2024 09:06

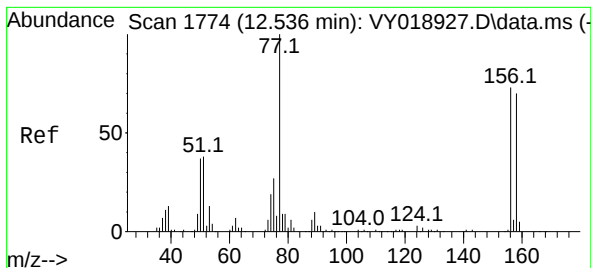
Tgt Ion: 75 Resp: 24902

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.603 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

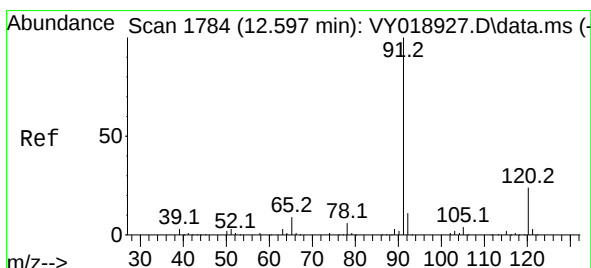
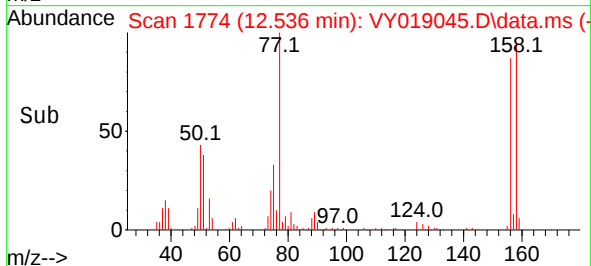
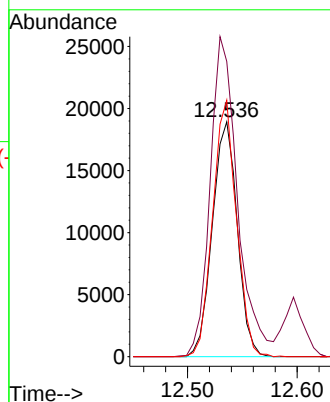
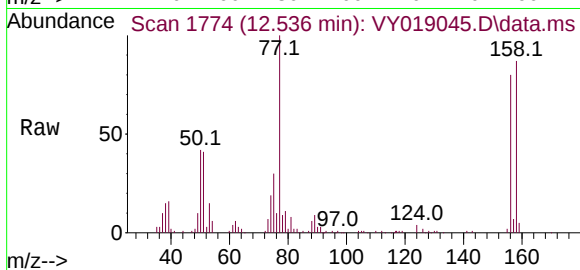
Tgt Ion:156 Resp: 29895

Ion Ratio Lower Upper

156 100

77 150.2 87.1 261.3

158 104.7 48.6 145.9



#78

n-propylbenzene

Concen: 51.882 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019045.D

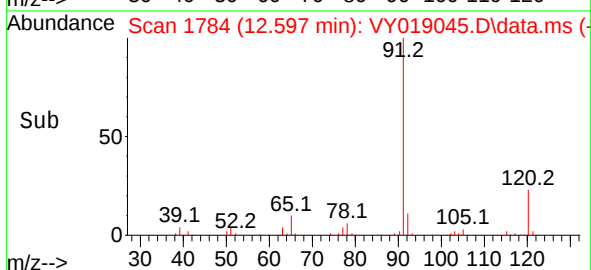
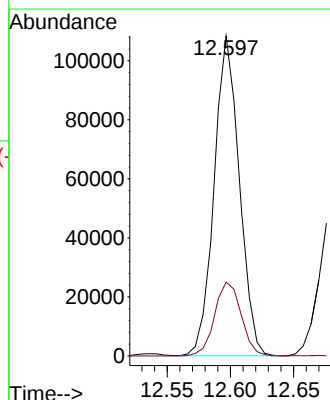
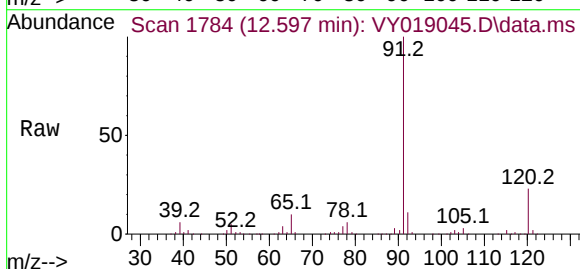
Acq: 14 Aug 2024 09:06

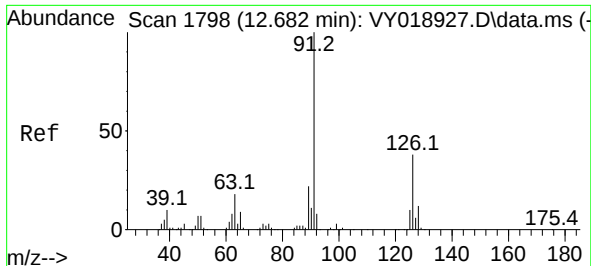
Tgt Ion: 91 Resp: 149807

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 53.433 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

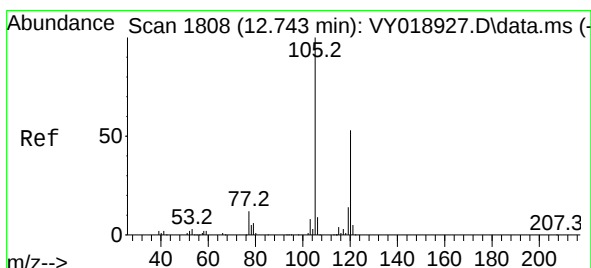
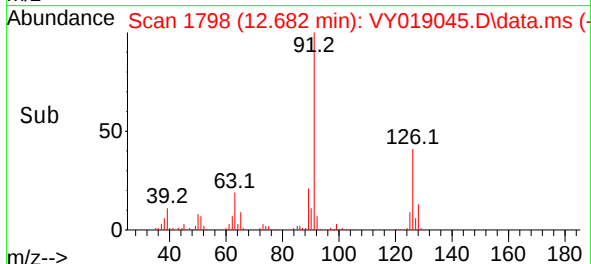
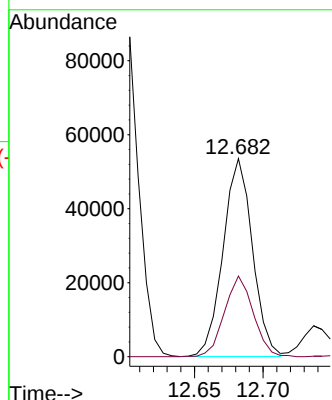
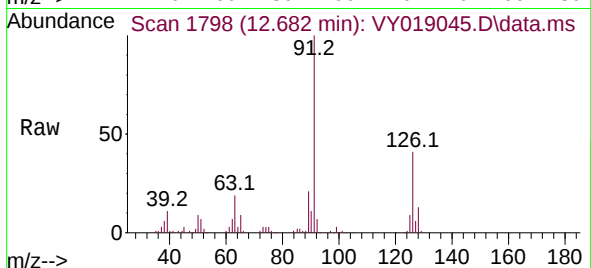
ClientSampleId :

Tgt Ion: 91 Resp: 79875

Ion Ratio Lower Upper

91 100

126 39.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 52.667 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY019045.D

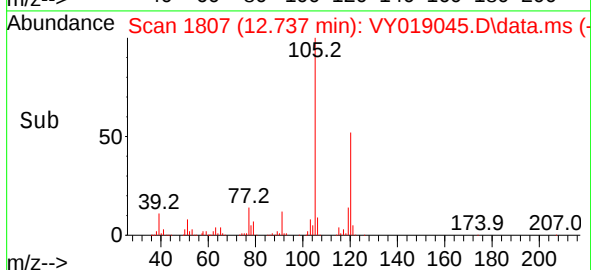
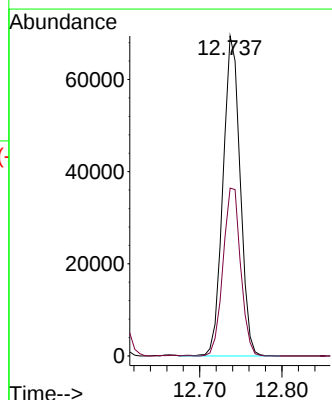
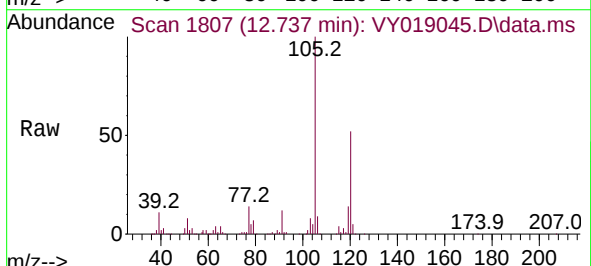
Acq: 14 Aug 2024 09:06

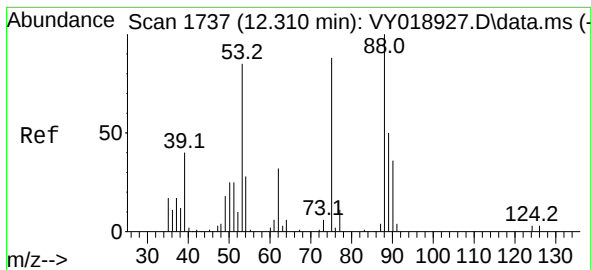
Tgt Ion:105 Resp: 100690

Ion Ratio Lower Upper

105 100

120 53.8 25.1 75.2

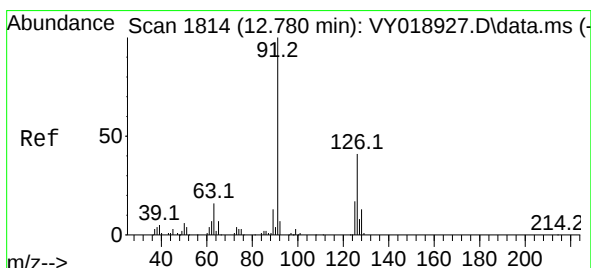
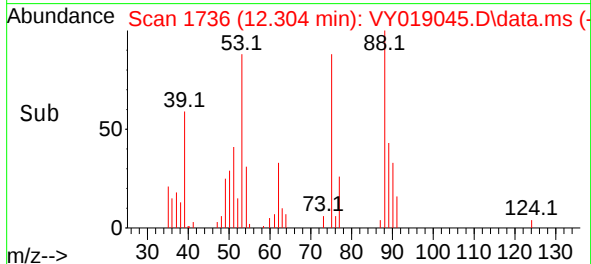
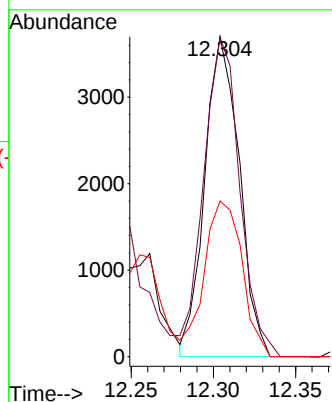
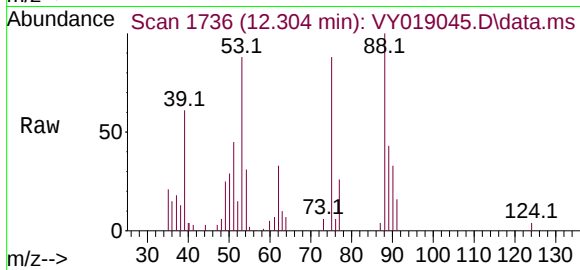




#81
trans-1,4-Dichloro-2-butene
Concen: 44.383 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

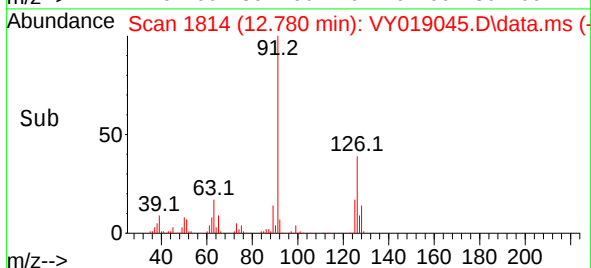
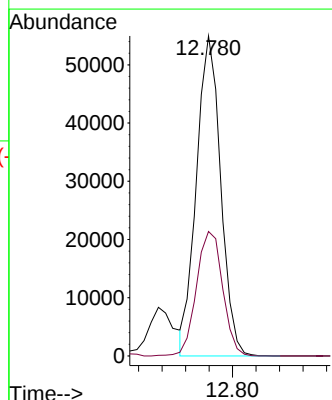
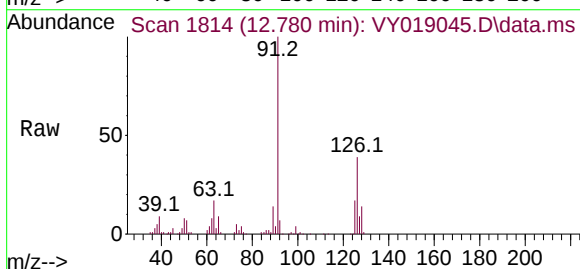
Instrument :
MSVOA_Y
ClientSampleId :

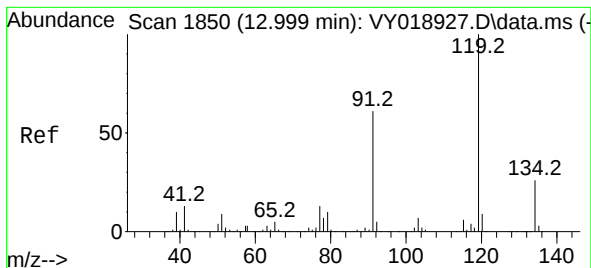
Tgt Ion: 75 Resp: 5393
Ion Ratio Lower Upper
75 100
53 103.9 66.8 100.2#
89 53.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.422 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019045.D
Acq: 14 Aug 2024 09:06

Tgt Ion: 91 Resp: 78698
Ion Ratio Lower Upper
91 100
126 42.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 52.417 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

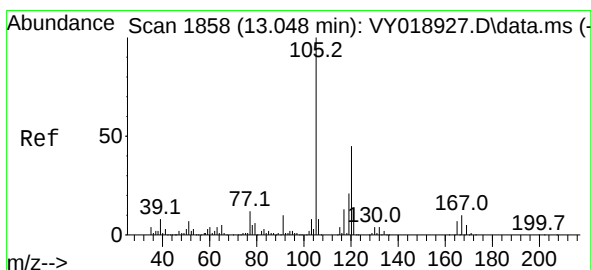
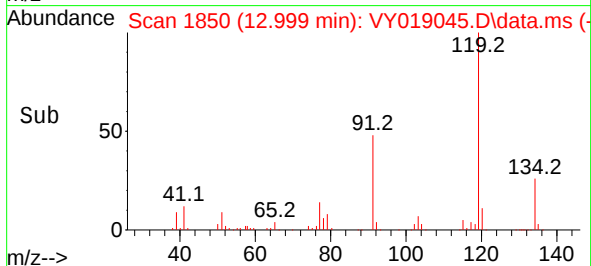
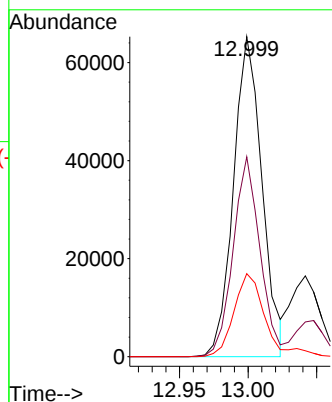
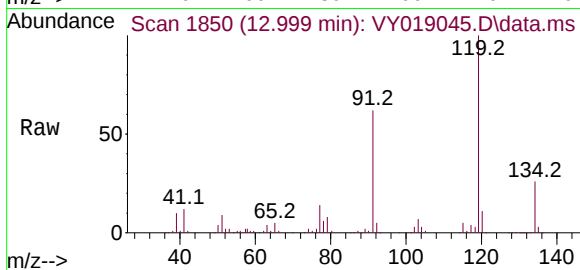
Tgt Ion:119 Resp: 94654

Ion Ratio Lower Upper

119 100

91 58.8 31.3 93.8

134 28.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.514 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY019045.D

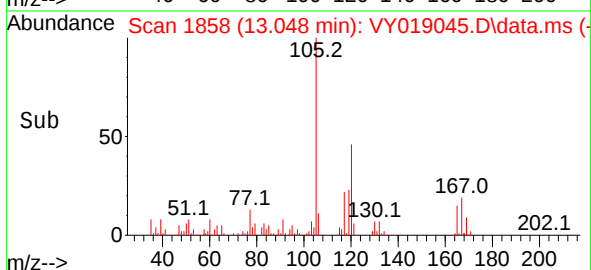
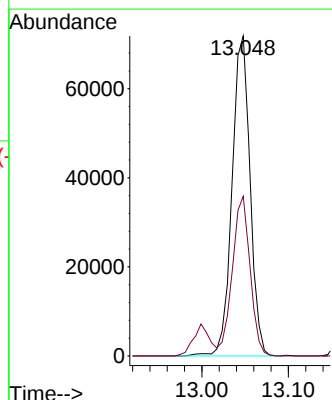
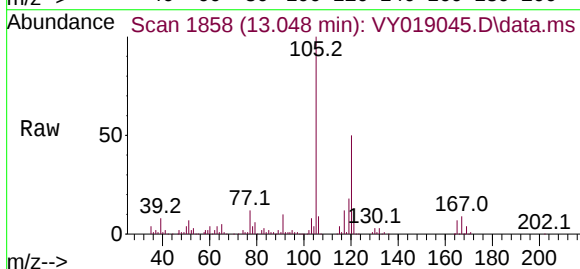
Acq: 14 Aug 2024 09:06

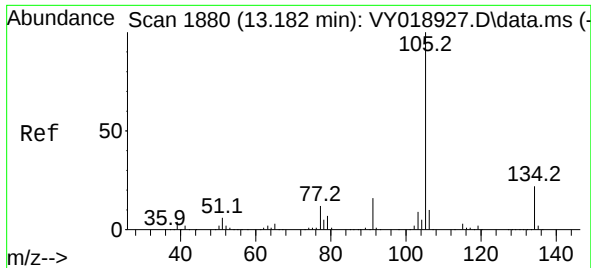
Tgt Ion:105 Resp: 103786

Ion Ratio Lower Upper

105 100

120 49.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.991 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

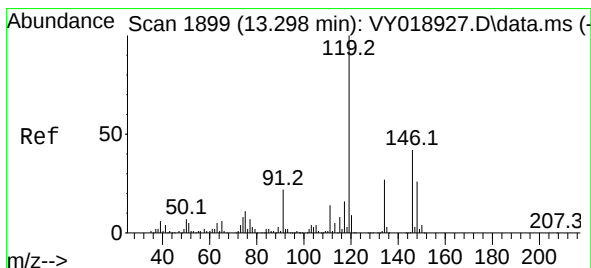
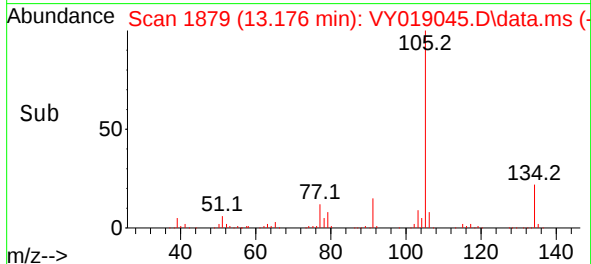
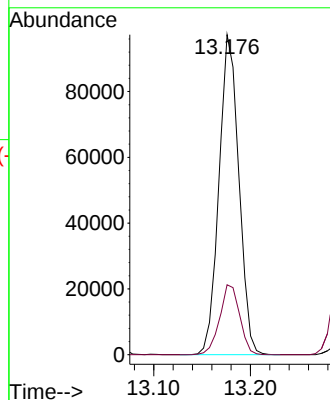
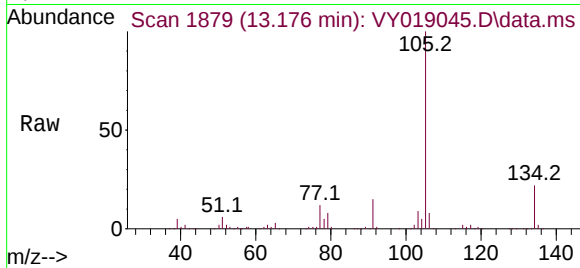
ClientSampleId :

Tgt Ion:105 Resp: 138607

Ion Ratio Lower Upper

105 100

134 22.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.521 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

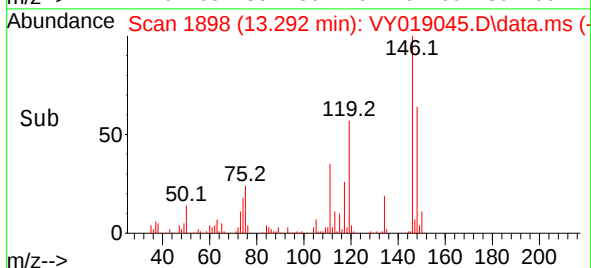
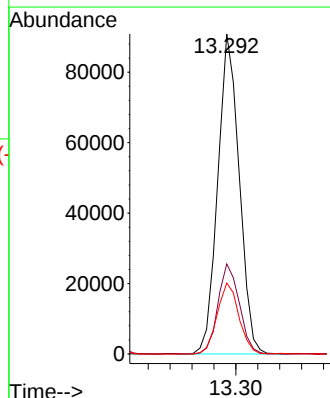
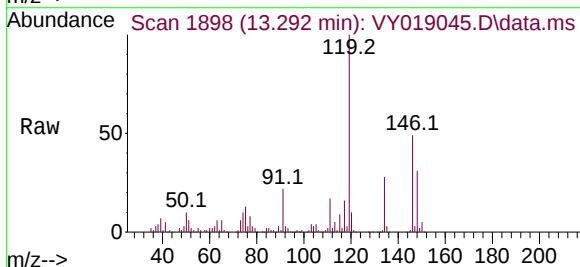
Tgt Ion:119 Resp: 123488

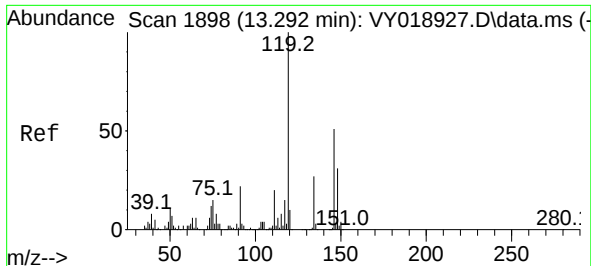
Ion Ratio Lower Upper

119 100

134 28.0 13.1 39.3

91 22.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 56.790 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

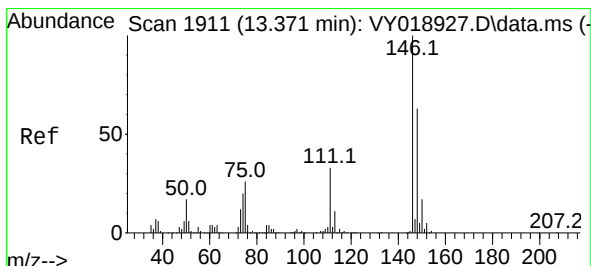
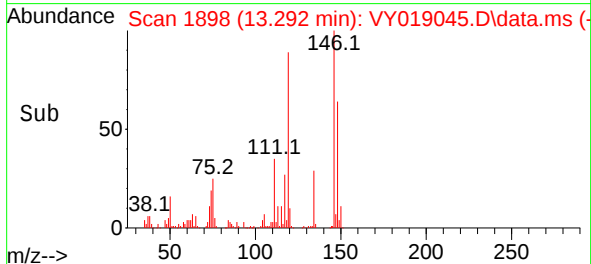
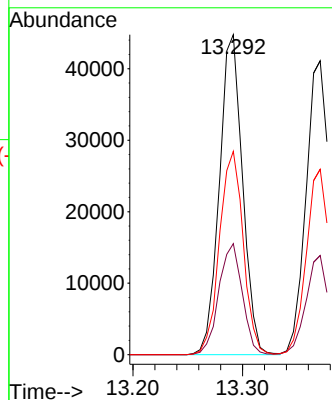
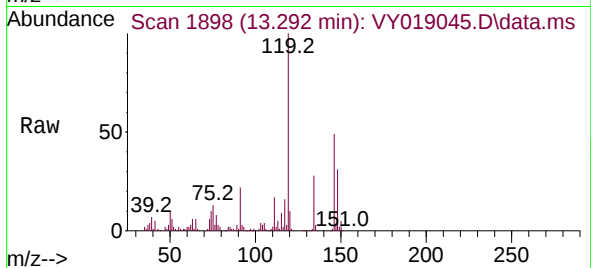
Tgt Ion:146 Resp: 65928

Ion Ratio Lower Upper

146 100

111 35.1 19.0 57.0

148 65.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 55.140 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

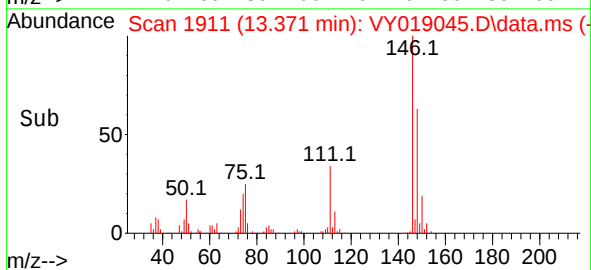
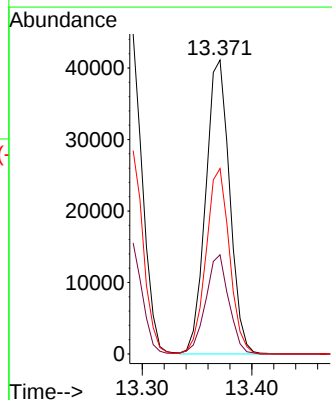
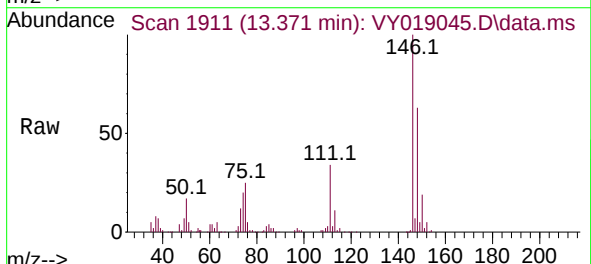
Tgt Ion:146 Resp: 62428

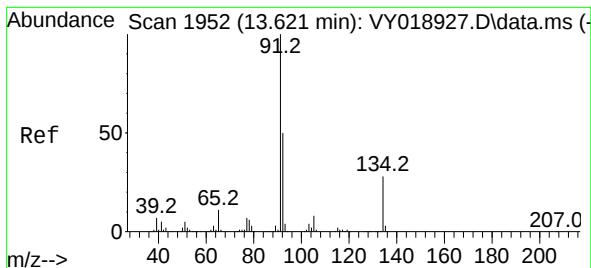
Ion Ratio Lower Upper

146 100

111 32.7 18.4 55.4

148 61.9 32.4 97.2





#89

n-Butylbenzene

Concen: 53.485 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

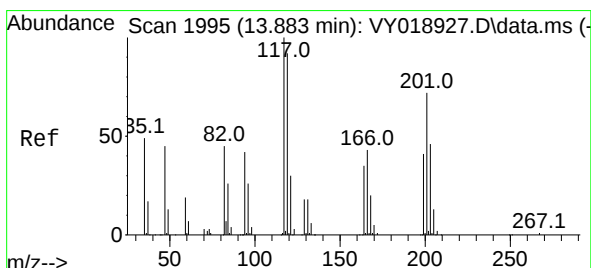
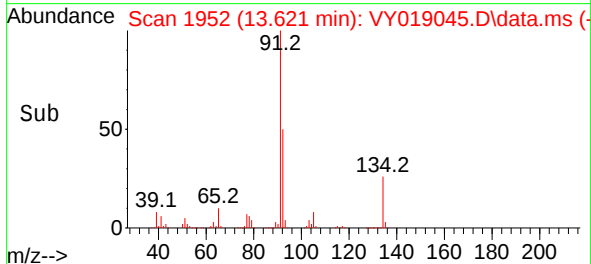
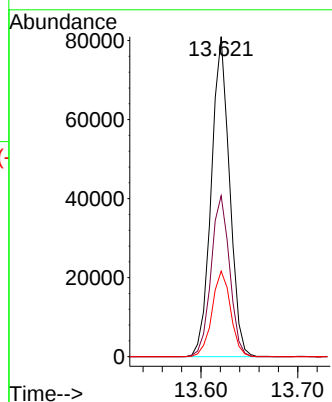
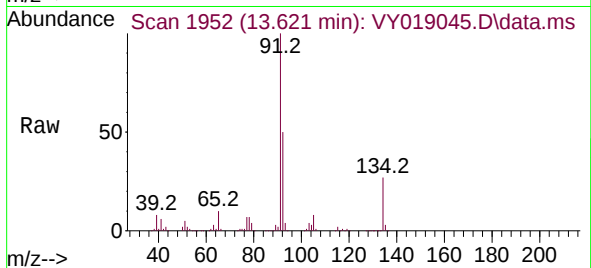
Tgt Ion: 91 Resp: 106331

Ion Ratio Lower Upper

91 100

92 51.0 26.6 79.7

134 27.1 12.9 38.7



#90

Hexachloroethane

Concen: 53.153 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019045.D

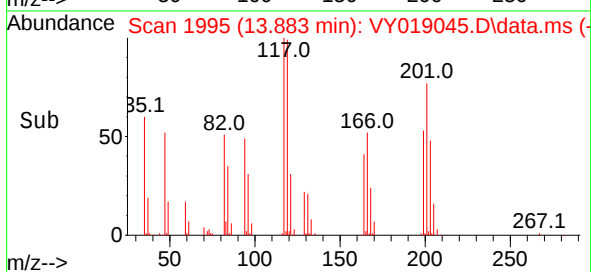
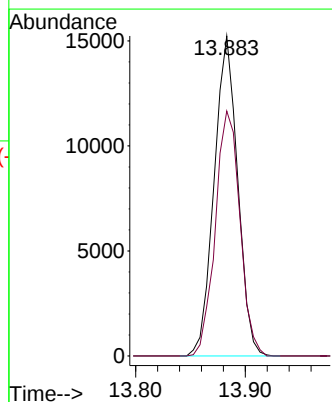
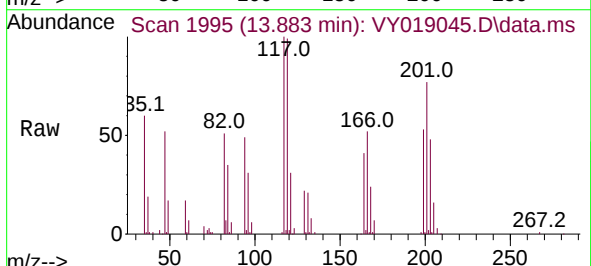
Acq: 14 Aug 2024 09:06

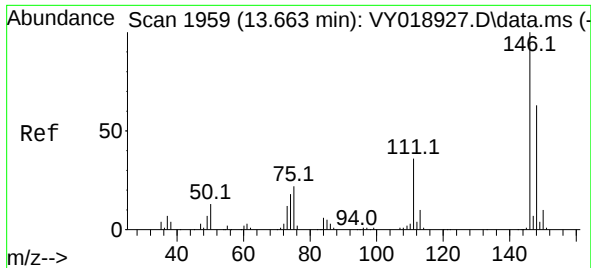
Tgt Ion: 117 Resp: 22716

Ion Ratio Lower Upper

117 100

201 79.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 58.031 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

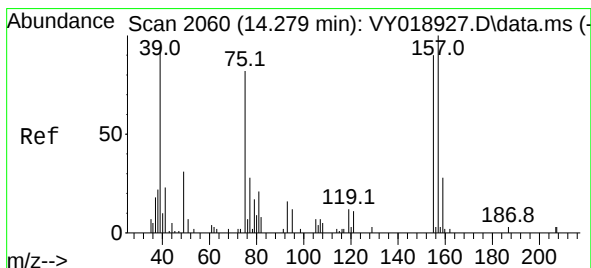
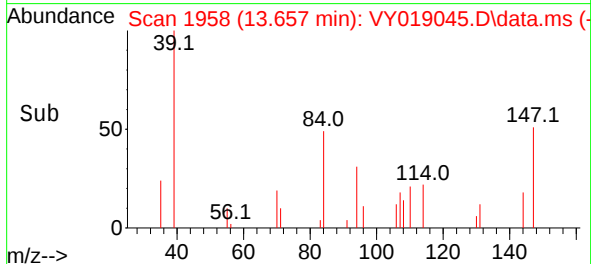
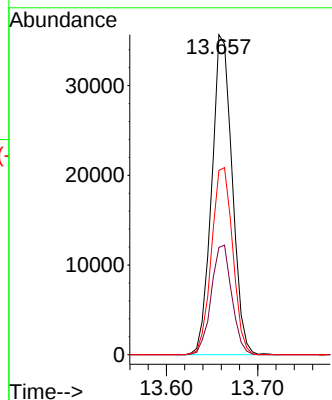
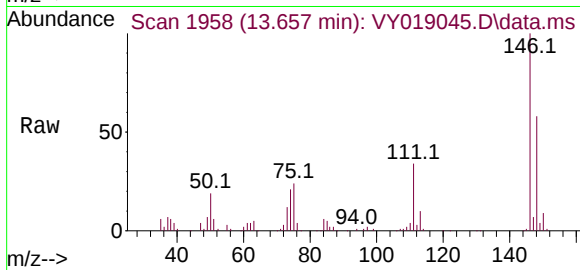
Tgt Ion:146 Resp: 55390

Ion Ratio Lower Upper

146 100

111 34.5 19.9 59.7

148 60.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.538 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

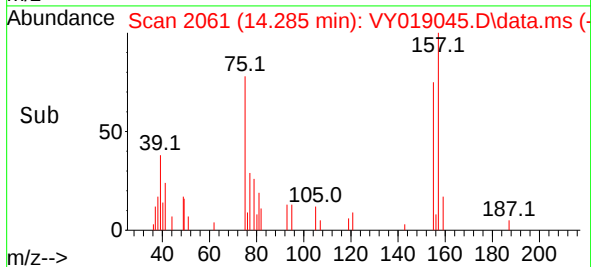
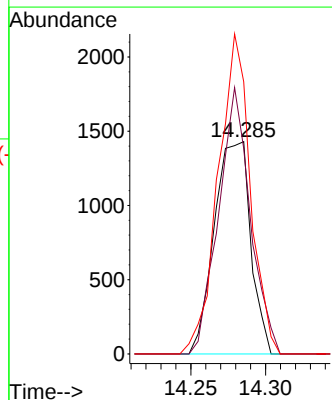
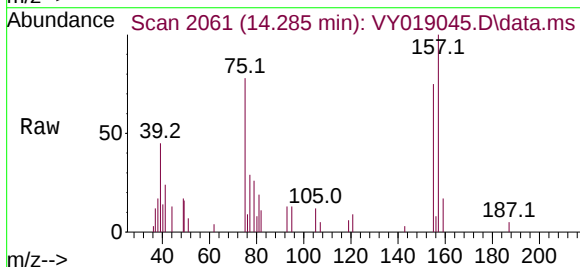
Tgt Ion: 75 Resp: 2412

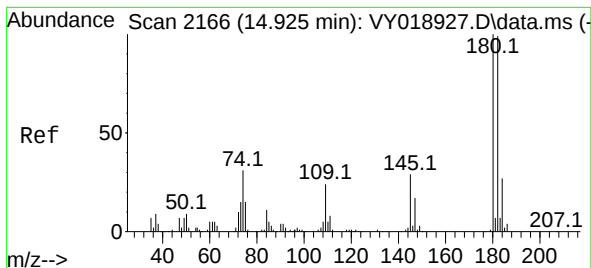
Ion Ratio Lower Upper

75 100

155 109.7 48.6 145.8

157 133.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 55.819 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

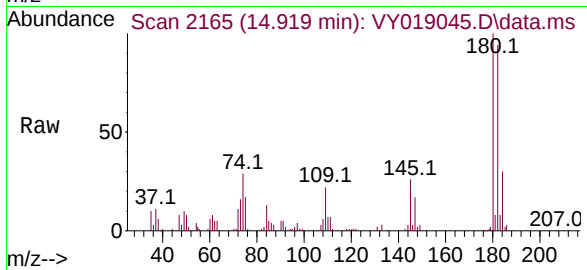
Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :



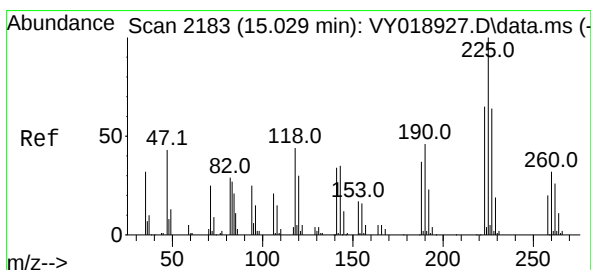
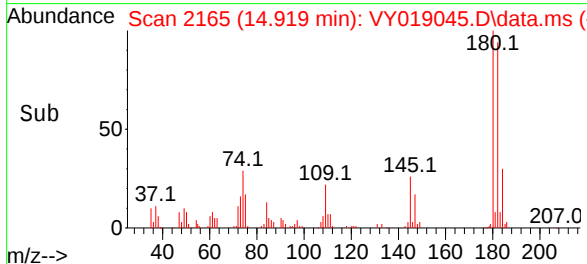
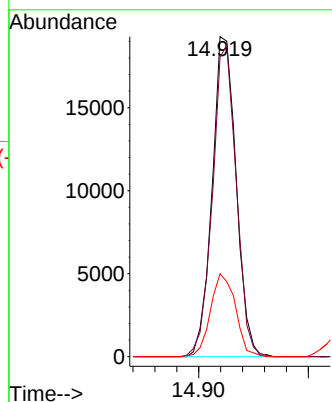
Tgt Ion:180 Resp: 29337

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 27.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 57.910 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

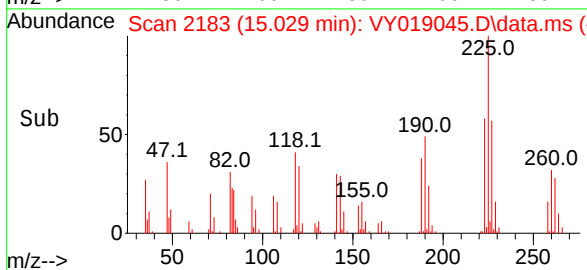
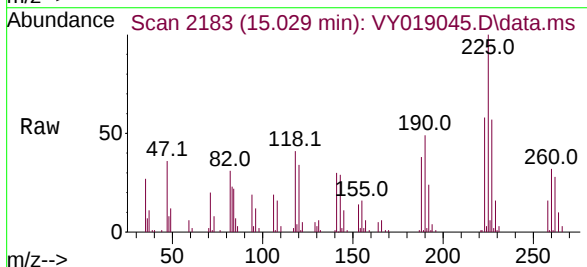
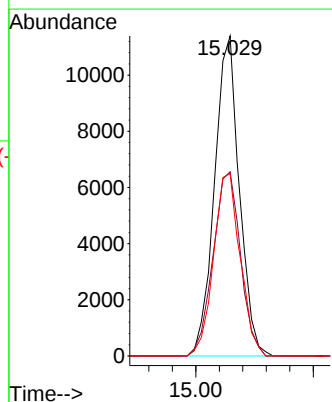
Tgt Ion:225 Resp: 16692

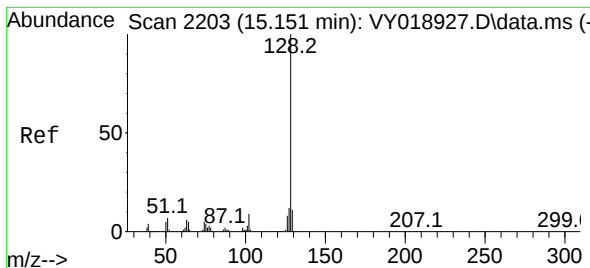
Ion Ratio Lower Upper

225 100

223 63.4 30.4 91.2

227 61.1 31.9 95.9





#95

Naphthalene

Concen: 49.157 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Instrument :

MSVOA_Y

ClientSampleId :

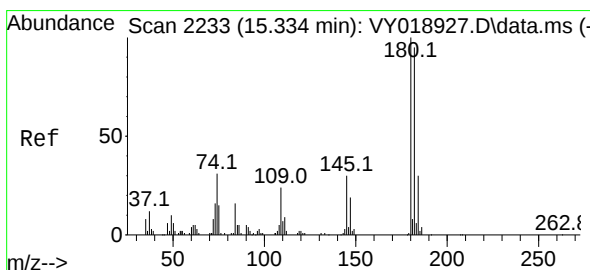
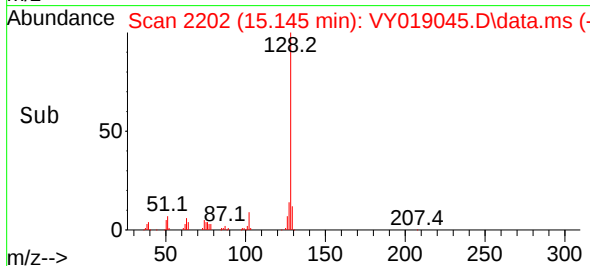
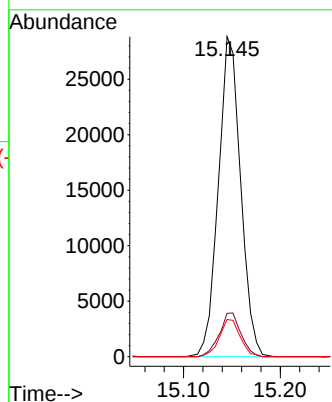
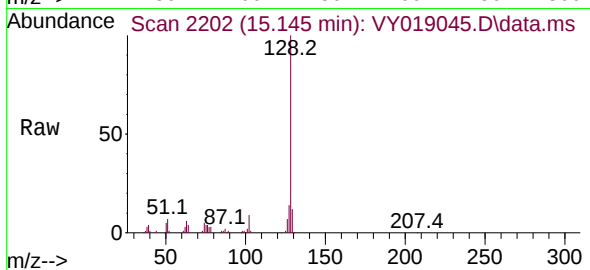
Tgt Ion:128 Resp: 45993

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.489 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY019045.D

Acq: 14 Aug 2024 09:06

Tgt Ion:180 Resp: 25032

Ion Ratio Lower Upper

180 100

182 92.4 47.6 142.9

145 27.4 15.4 46.1

