

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018373.D
 Acq On : 24 May 2024 18:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 25 03:27:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	122517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	230780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	201619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	61533	53.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.020%	
35) Dibromofluoromethane	7.704	113	61226	45.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.980%	
50) Toluene-d8	10.173	98	246874	47.051	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.100%	
62) 4-Bromofluorobenzene	12.477	95	76524	47.200	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	46981	44.928	ug/l	98
3) Chloromethane	2.107	50	95003	55.905	ug/l	99
4) Vinyl Chloride	2.241	62	116081	61.059	ug/l	95
5) Bromomethane	2.638	94	78215	57.544	ug/l	98
6) Chloroethane	2.778	64	74724	60.551	ug/l	97
7) Trichlorofluoromethane	3.107	101	118776	55.672	ug/l	96
8) Diethyl Ether	3.515	74	36491	53.566	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.881	101	68667	52.170	ug/l	94
10) Methyl Iodide	4.070	142	70917	53.576	ug/l	96
11) Tert butyl alcohol	4.936	59	30955	298.607	ug/l #	79
12) 1,1-Dichloroethene	3.851	96	68458	52.809	ug/l	92
13) Acrolein	3.710	56	20352	209.808	ug/l	99
14) Allyl chloride	4.460	41	104016	57.452	ug/l	96
15) Acrylonitrile	5.143	53	84205	285.775	ug/l	99
16) Acetone	3.930	43	62065	259.972	ug/l	92
17) Carbon Disulfide	4.180	76	206034	56.915	ug/l	98
18) Methyl Acetate	4.460	43	35993	56.880	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	176675	56.838	ug/l	99
20) Methylene Chloride	4.698	84	84055	62.343	ug/l	95
21) trans-1,2-Dichloroethene	5.198	96	75366	55.111	ug/l	95
22) Diisopropyl ether	6.106	45	233638	62.099	ug/l	96
23) Vinyl Acetate	6.045	43	734871	305.039	ug/l	95
24) 1,1-Dichloroethane	6.003	63	134507	58.295	ug/l	99
25) 2-Butanone	6.966	43	106021	280.237	ug/l #	86
26) 2,2-Dichloropropane	6.960	77	106526	53.407	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	89920	55.956	ug/l	94
28) Bromochloromethane	7.320	49	48047	61.311	ug/l	84
29) Tetrahydrofuran	7.338	42	73640	295.723	ug/l	88
30) Chloroform	7.496	83	135202	57.489	ug/l	98
31) Cyclohexane	7.771	56	121361	59.860	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	117428	56.887	ug/l	98
36) 1,1-Dichloropropene	7.905	75	99933	51.203	ug/l	98
37) Ethyl Acetate	7.064	43	51096	54.728	ug/l	98
38) Carbon Tetrachloride	7.887	117	96468	48.259	ug/l	100
39) Methylcyclohexane	9.173	83	135219	49.665	ug/l	92
40) Benzene	8.149	78	317771	53.410	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	25711	55.169	ug/l	90
42) 1,2-Dichloroethane	8.228	62	75661	52.867	ug/l	99
43) Isopropyl Acetate	8.265	43	100368	55.097	ug/l	91
44) Trichloroethene	8.929	130	74751	49.015	ug/l	89
45) 1,2-Dichloropropane	9.209	63	75664	56.544	ug/l	100
46) Dibromomethane	9.295	93	40252	51.263	ug/l	90
47) Bromodichloromethane	9.490	83	100064	52.511	ug/l #	98
48) Methyl methacrylate	9.283	41	45208	54.863	ug/l	89
49) 1,4-Dioxane	9.289	88	10562	1036.746	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	260189	283.010	ug/l	93
52) Toluene	10.240	92	198664	53.266	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	96477	55.376	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	115634	54.167	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	55447	53.301	ug/l	97
56) Ethyl methacrylate	10.502	69	81116	56.849	ug/l #	87
57) 1,3-Dichloropropane	10.782	76	96128	54.520	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	134662	208.862	ug/l	97
59) 2-Hexanone	10.825	43	172443	272.590	ug/l	93
60) Dibromochloromethane	10.977	129	66572	52.983	ug/l	100
61) 1,2-Dibromoethane	11.087	107	52756	54.963	ug/l	99
64) Tetrachloroethene	10.715	164	69097	48.312	ug/l	95
65) Chlorobenzene	11.514	112	213584	51.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	69443	52.705	ug/l	97
67) Ethyl Benzene	11.587	91	383520	52.434	ug/l	99
68) m/p-Xylenes	11.697	106	286985	101.975	ug/l	99
69) o-Xylene	12.026	106	135816	51.138	ug/l	99
70) Styrene	12.038	104	229988	52.386	ug/l	99
71) Bromoform	12.203	173	35971	51.615	ug/l #	99
73) Isopropylbenzene	12.325	105	352761	48.999	ug/l	99
74) N-amyl acetate	12.136	43	81249	48.372	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	59574	48.564	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	74428	90.407	ug/l #	100
77) Bromobenzene	12.605	156	79182	50.217	ug/l	97
78) n-propylbenzene	12.666	91	412823	47.890	ug/l	98
79) 2-Chlorotoluene	12.752	91	224026	48.003	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	277197	48.997	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	19075	47.673	ug/l	99
82) 4-Chlorotoluene	12.849	91	226992	47.971	ug/l	98
83) tert-Butylbenzene	13.069	119	253795	48.531	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	274802	49.390	ug/l	100
85) sec-Butylbenzene	13.245	105	374855	48.467	ug/l	99
86) p-Isopropyltoluene	13.361	119	307459	48.600	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	152107	48.988	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	149148	48.262	ug/l	99
89) n-Butylbenzene	13.690	91	284389	47.836	ug/l	99
90) Hexachloroethane	13.959	117	57120	48.893	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	134567	49.946	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8252	49.045	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	75564	49.239	ug/l	98
94) Hexachlorobutadiene	15.111	225	39118	49.810	ug/l	98
95) Naphthalene	15.233	128	148504	49.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	62403	47.828	ug/l	96

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QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration

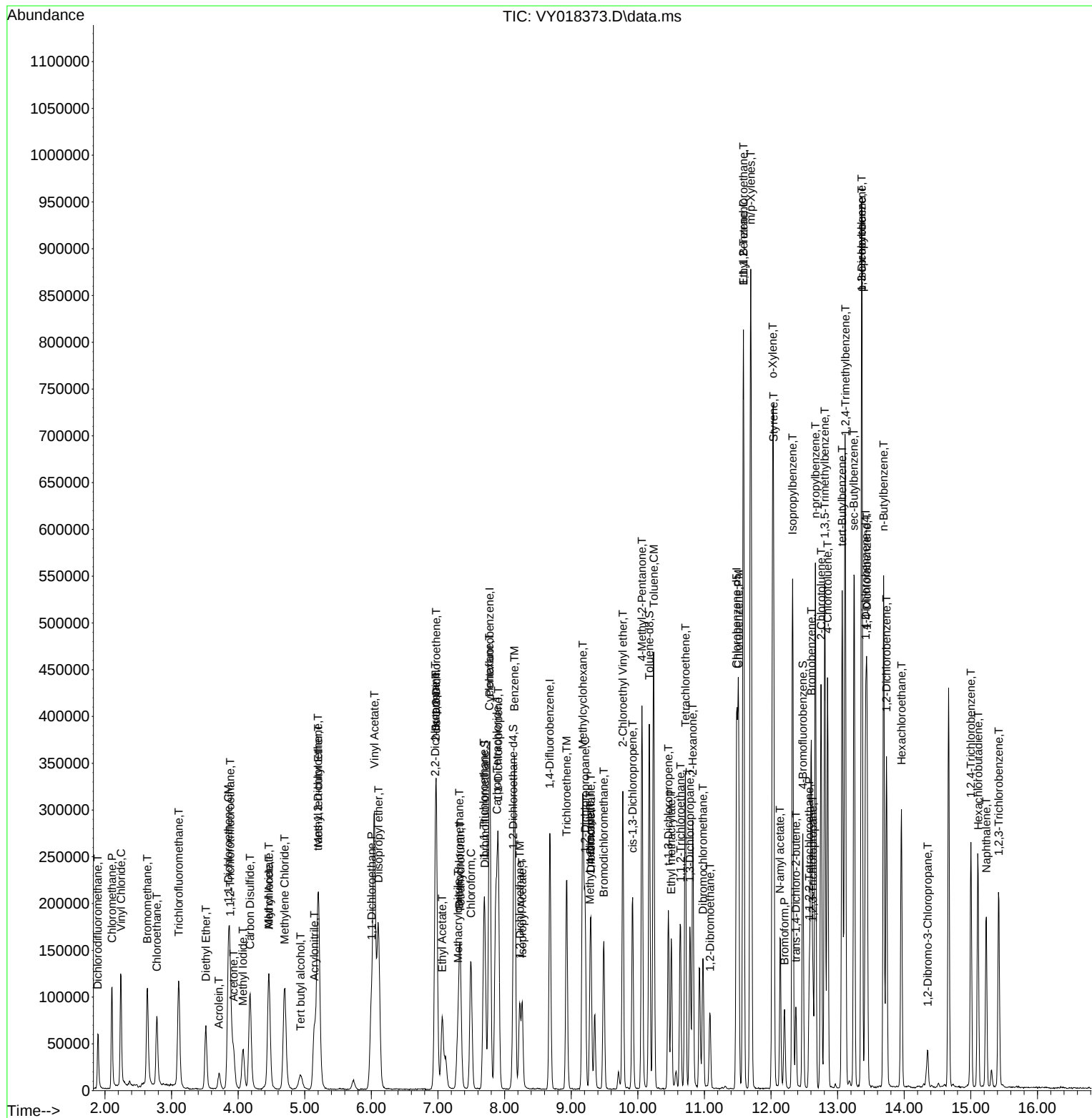
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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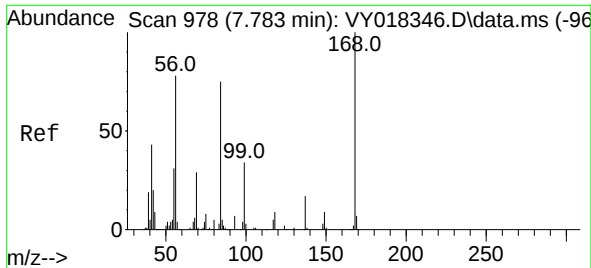
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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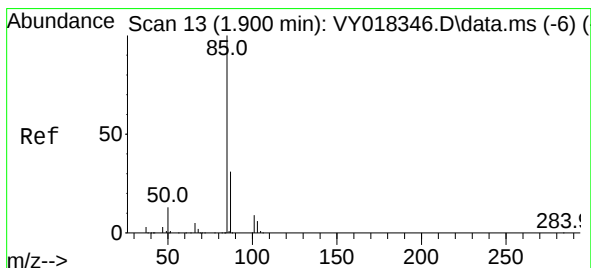
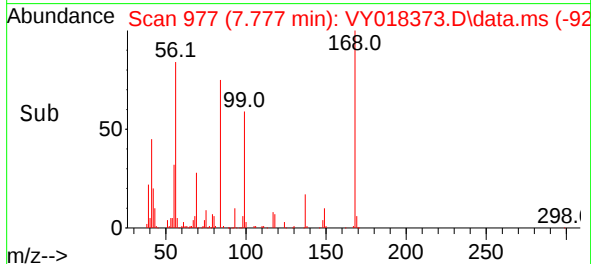
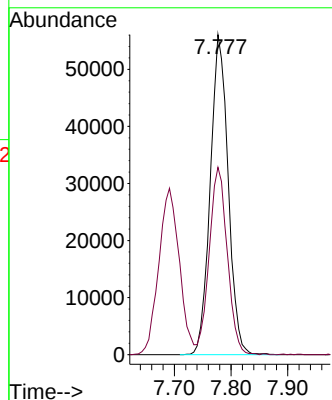
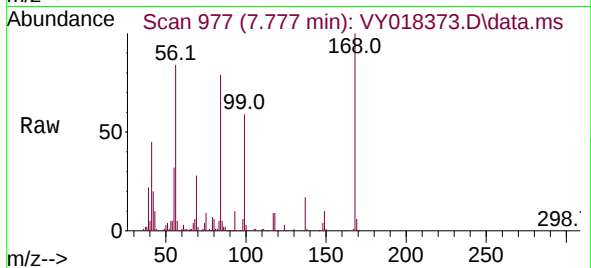




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
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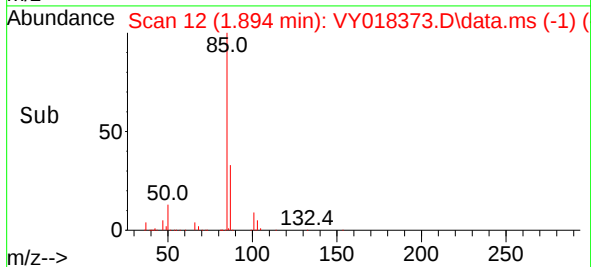
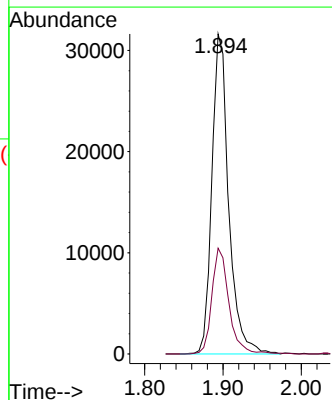
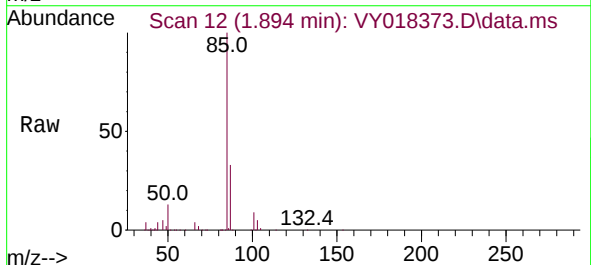
Instrument :
MSVOA_Y
ClientSampleId :

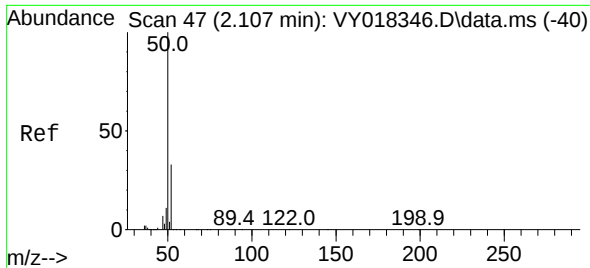
Tgt Ion:168 Resp: 122517
Ion Ratio Lower Upper
168 100
99 58.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 44.928 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion: 85 Resp: 46981
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0

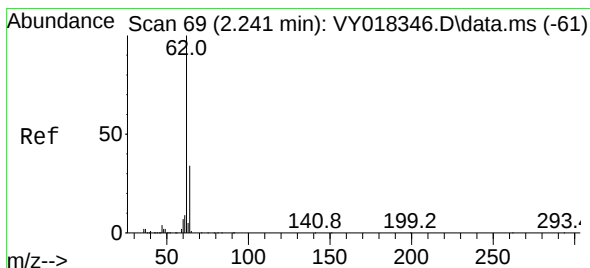
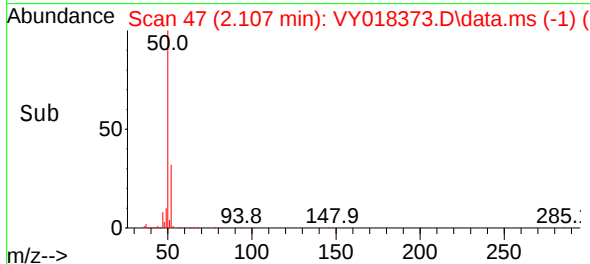
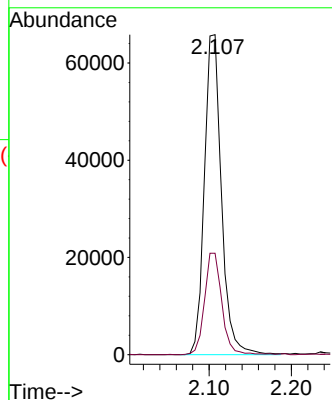
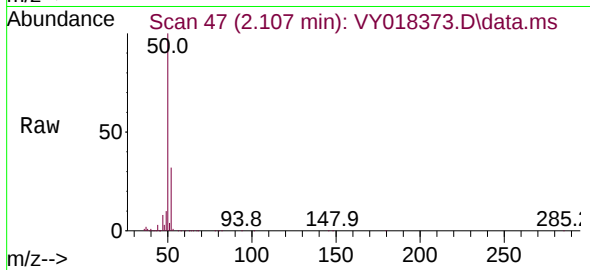




#3
Chloromethane
Concen: 55.905 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

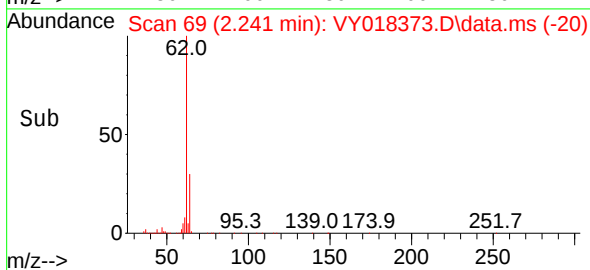
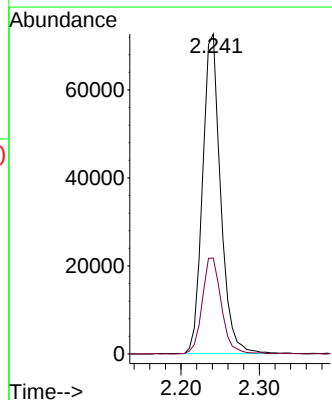
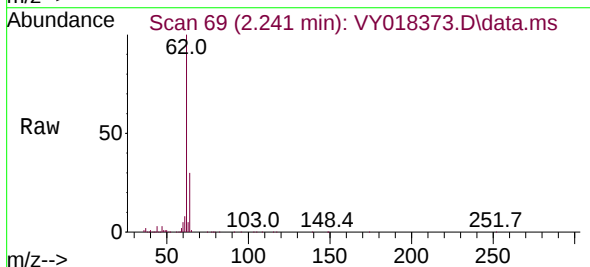
Instrument :
MSVOA_Y
ClientSampleId :

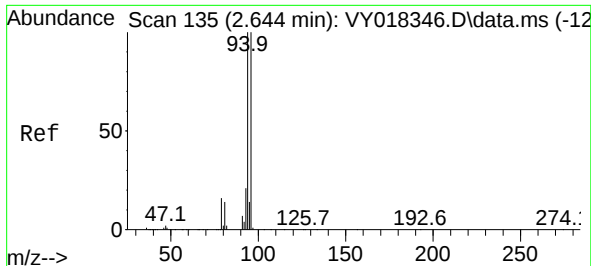
Tgt Ion: 50 Resp: 95003
Ion Ratio Lower Upper
50 100
52 31.7 25.6 38.4



#4
Vinyl Chloride
Concen: 61.059 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion: 62 Resp: 116081
Ion Ratio Lower Upper
62 100
64 29.9 26.1 39.1

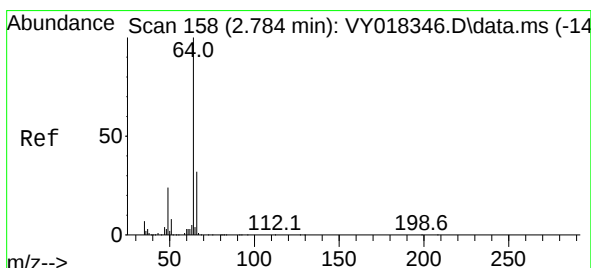
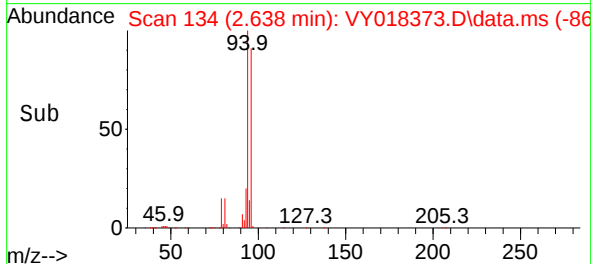
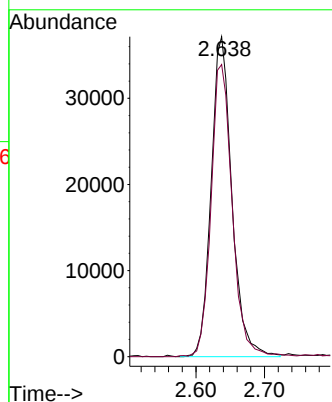
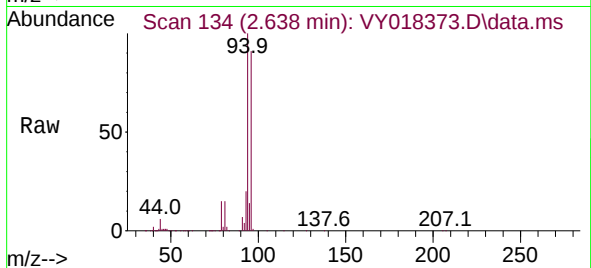




#5
Bromomethane
Concen: 57.544 ug/l
RT: 2.638 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY018373.D
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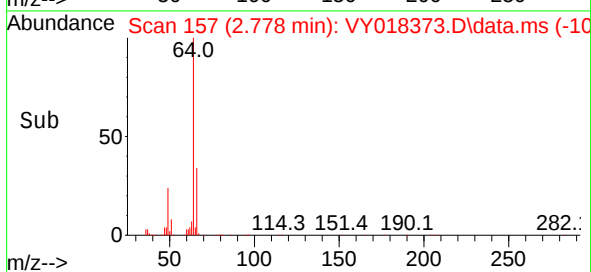
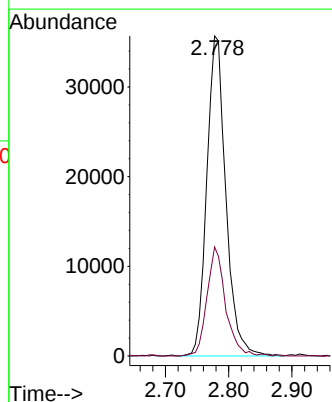
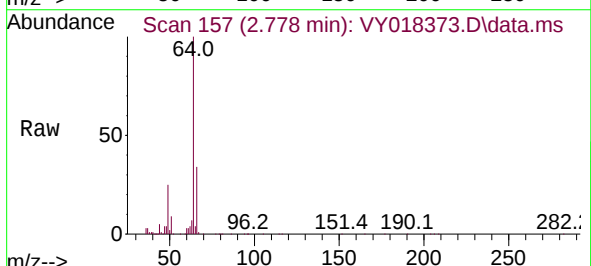
Instrument :
MSVOA_Y
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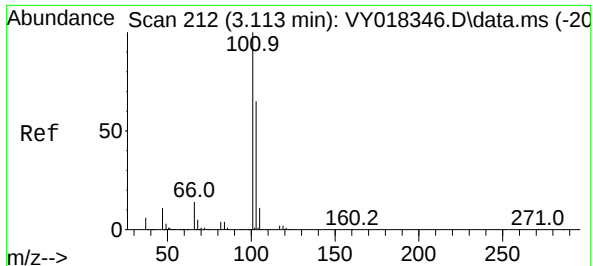
Tgt Ion: 94 Resp: 78215
Ion Ratio Lower Upper
94 100
96 91.0 74.1 111.1



#6
Chloroethane
Concen: 60.551 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 74724
Ion Ratio Lower Upper
64 100
66 34.1 26.1 39.1

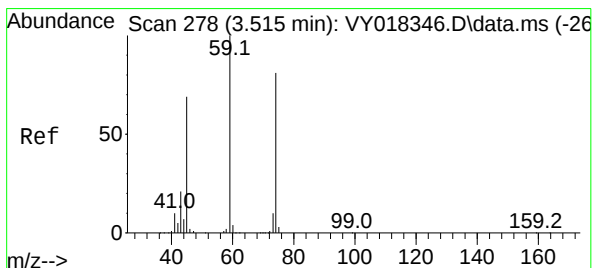
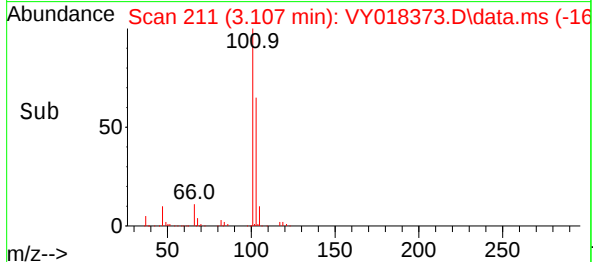
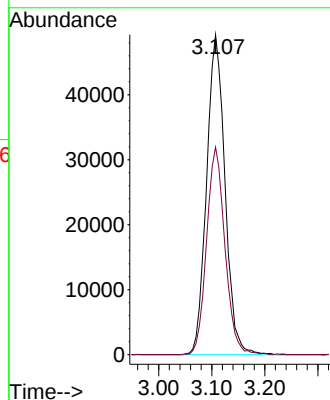
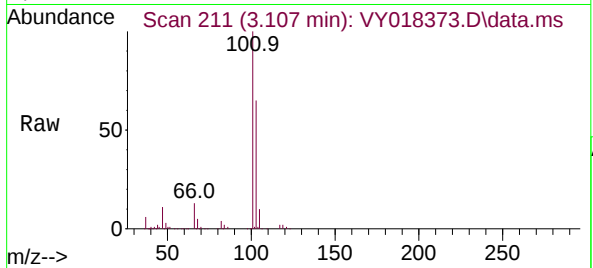




#7
Trichlorofluoromethane
Concen: 55.672 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

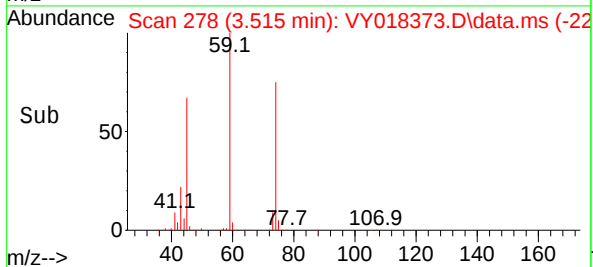
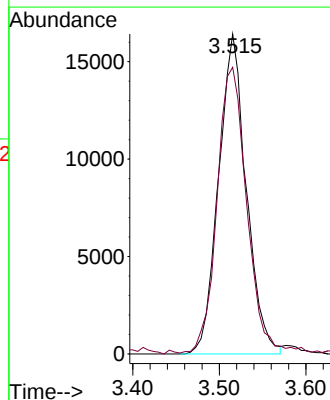
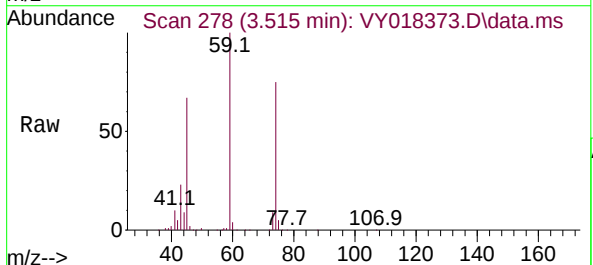
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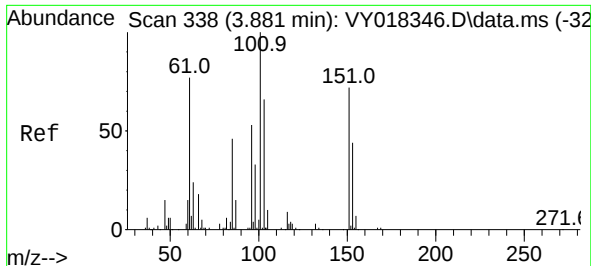
Tgt Ion:101 Resp: 118776
Ion Ratio Lower Upper
101 100
103 64.8 49.3 73.9



#8
Diethyl Ether
Concen: 53.566 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion: 74 Resp: 36491
Ion Ratio Lower Upper
74 100
45 95.5 41.3 124.1

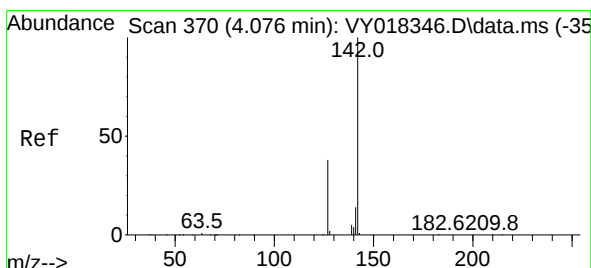
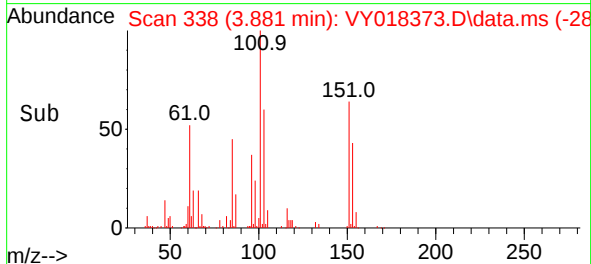
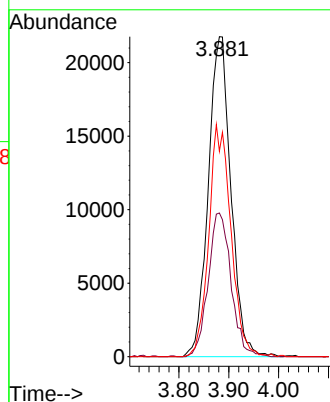
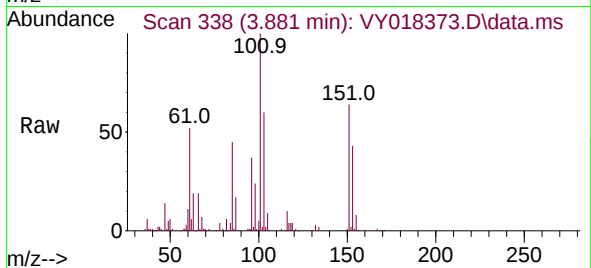




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.170 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

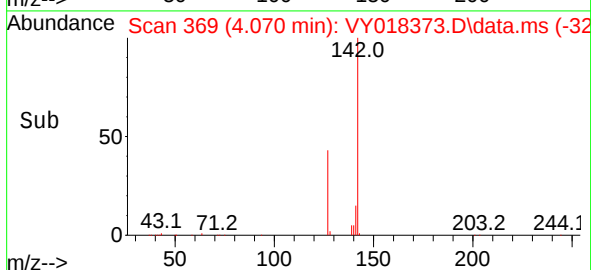
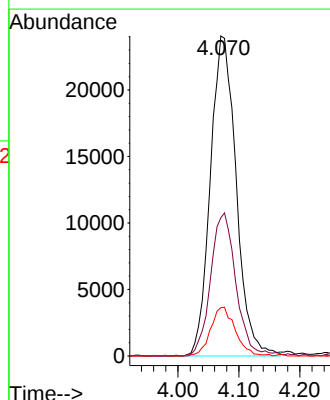
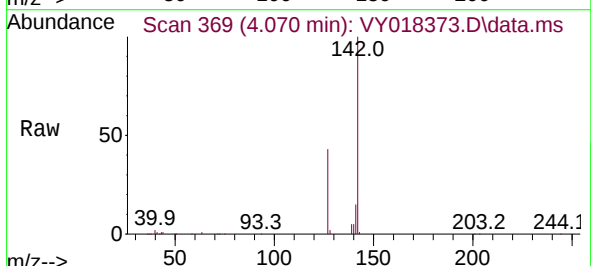
Instrument :
MSVOA_Y
ClientSampleId :

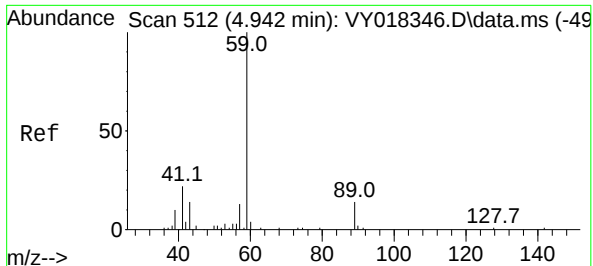
Tgt Ion:101 Resp: 68667
Ion Ratio Lower Upper
101 100
85 45.3 34.5 51.7
151 71.0 61.7 92.5



#10
Methyl Iodide
Concen: 53.576 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion:142 Resp: 70917
Ion Ratio Lower Upper
142 100
127 44.0 32.8 49.2
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 298.607 ug/l

RT: 4.936 min Scan# 512

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

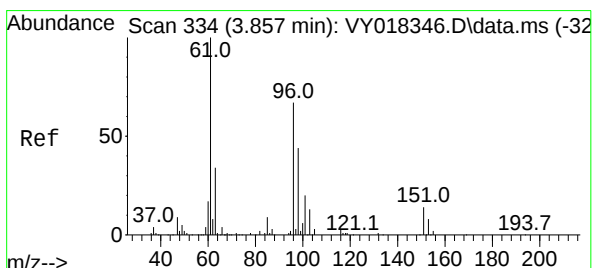
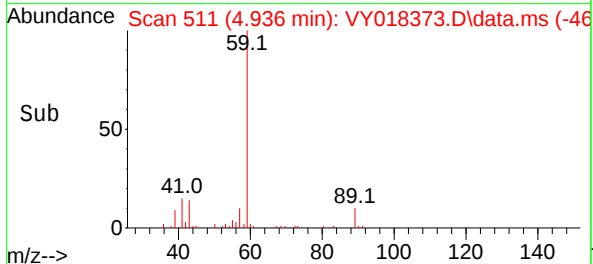
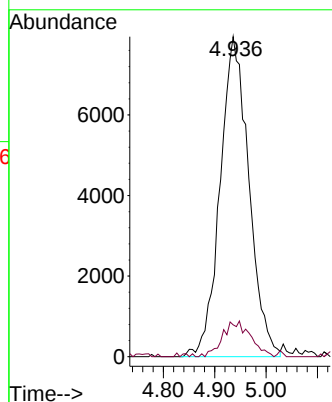
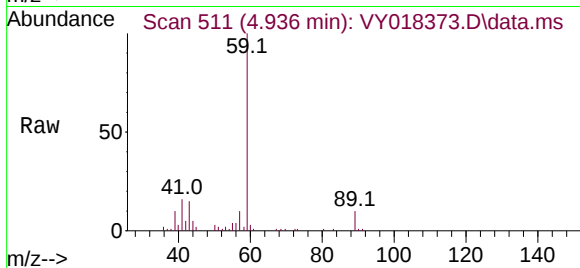
ClientSampleId :

Tgt Ion: 59 Resp: 30955

Ion Ratio Lower Upper

59 100

57 10.7 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 52.809 ug/l

RT: 3.851 min Scan# 333

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

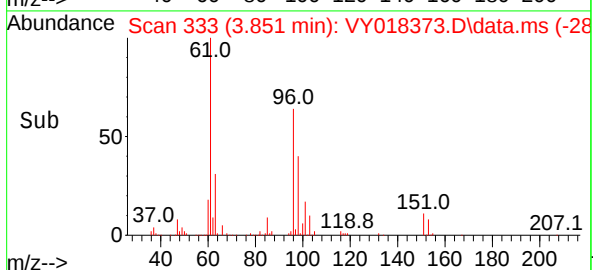
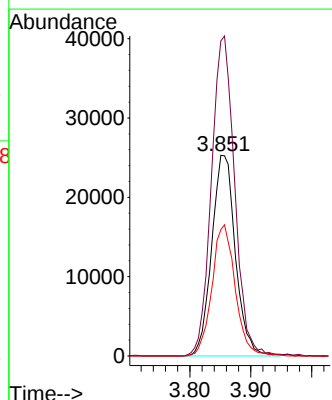
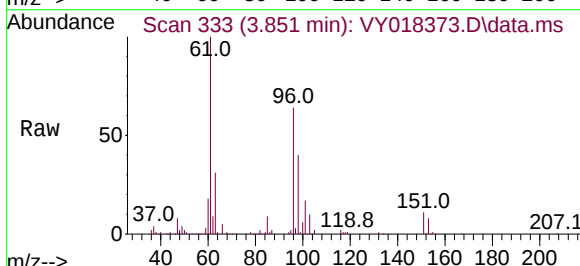
Tgt Ion: 96 Resp: 68458

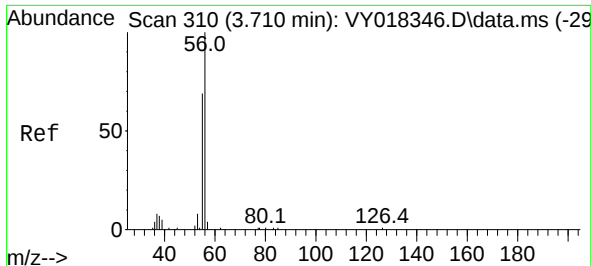
Ion Ratio Lower Upper

96 100

61 157.1 114.6 171.8

98 63.0 50.8 76.2





#13

Acrolein

Concen: 209.808 ug/l

RT: 3.710 min Scan# 310

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

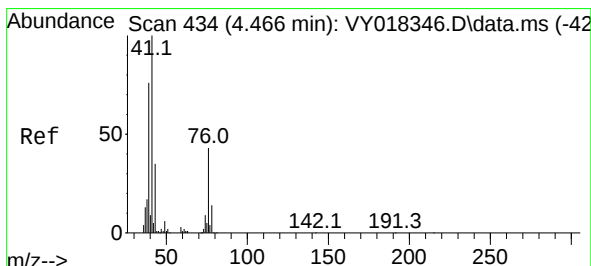
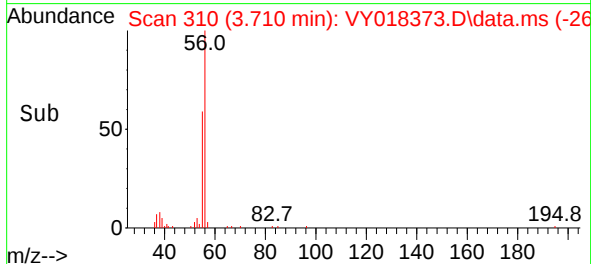
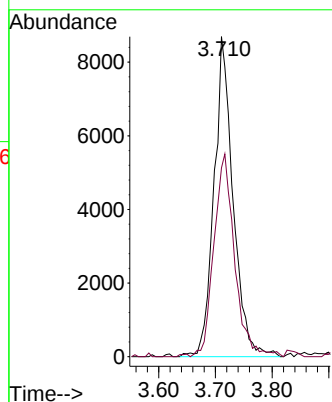
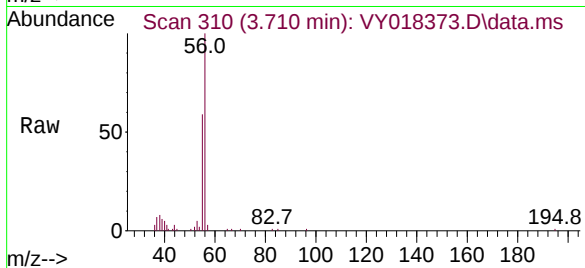
ClientSampleId :

Tgt Ion: 56 Resp: 20352

Ion Ratio Lower Upper

56 100

55 68.5 55.7 83.5



#14

Allyl chloride

Concen: 57.452 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

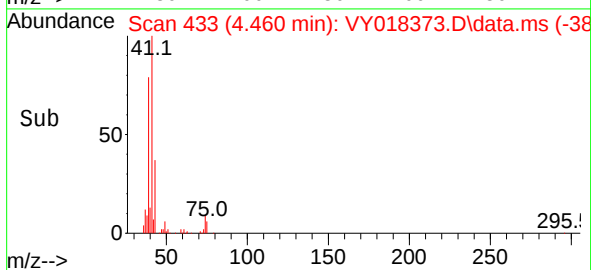
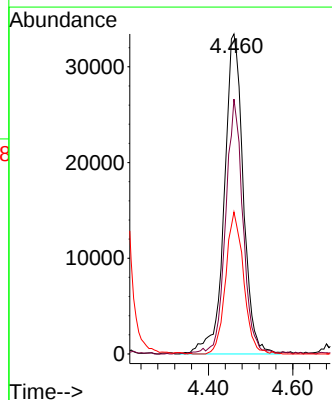
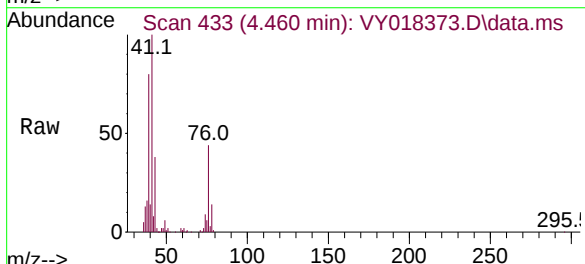
Tgt Ion: 41 Resp: 104016

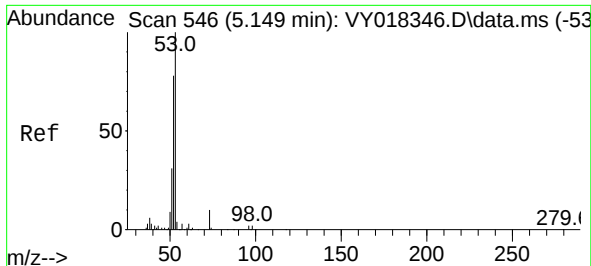
Ion Ratio Lower Upper

41 100

39 73.0 58.3 87.5

76 41.7 39.0 58.6





#15

Acrylonitrile

Concen: 285.775 ug/l

RT: 5.143 min Scan# 546

Delta R.T. -0.006 min

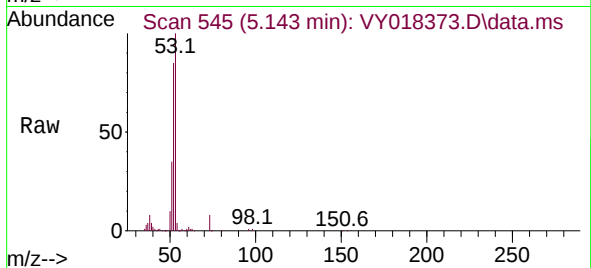
Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :



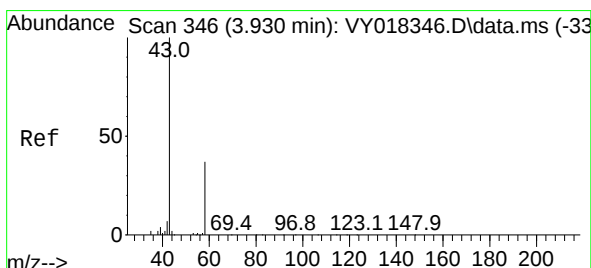
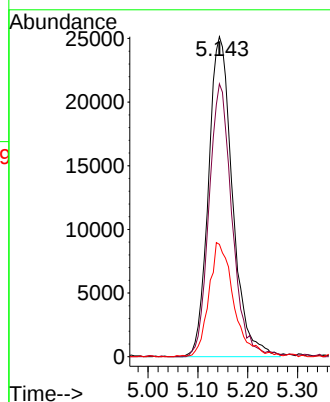
Tgt Ion: 53 Resp: 84205

Ion Ratio Lower Upper

53 100

52 81.8 64.7 97.1

51 36.4 28.4 42.6



#16

Acetone

Concen: 259.972 ug/l

RT: 3.930 min Scan# 346

Delta R.T. 0.000 min

Lab File: VY018373.D

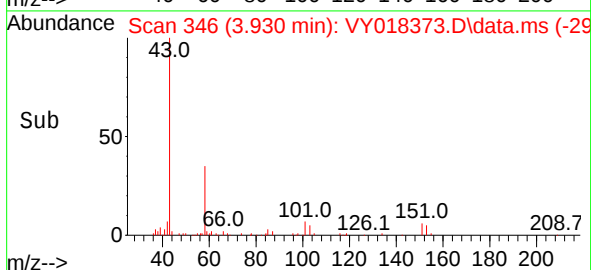
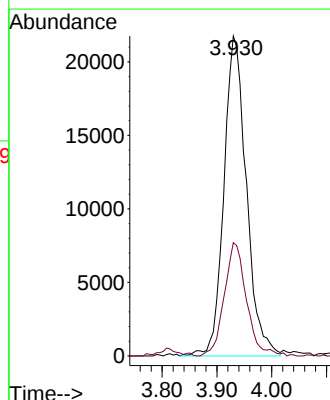
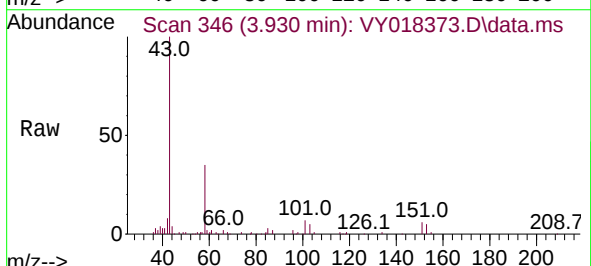
Acq: 24 May 2024 18:40

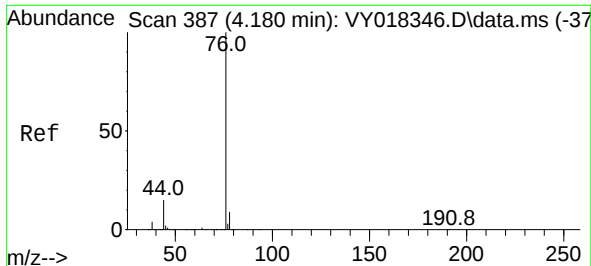
Tgt Ion: 43 Resp: 62065

Ion Ratio Lower Upper

43 100

58 34.7 31.7 47.5





#17

Carbon Disulfide

Concen: 56.915 ug/l

RT: 4.180 min Scan# 387

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

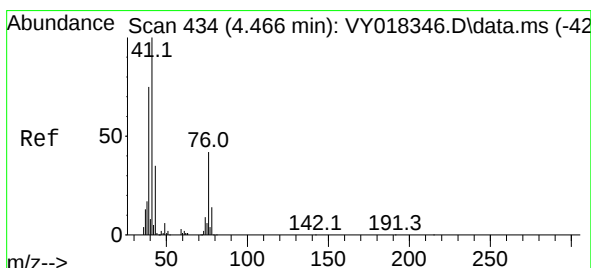
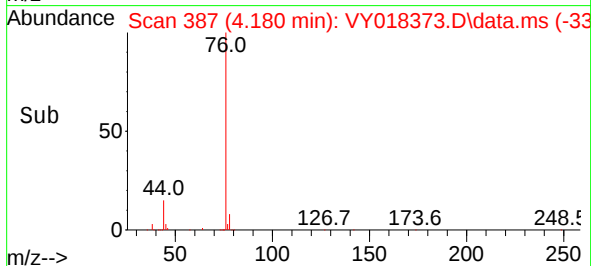
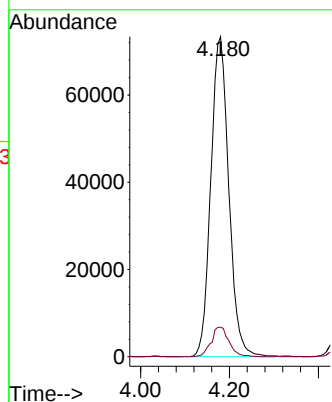
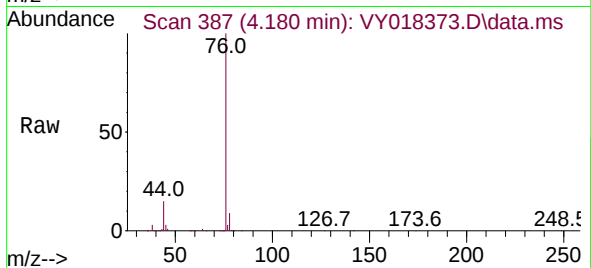
ClientSampleId :

Tgt Ion: 76 Resp: 206034

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2



#18

Methyl Acetate

Concen: 56.880 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018373.D

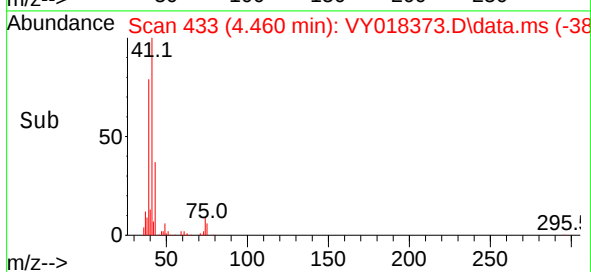
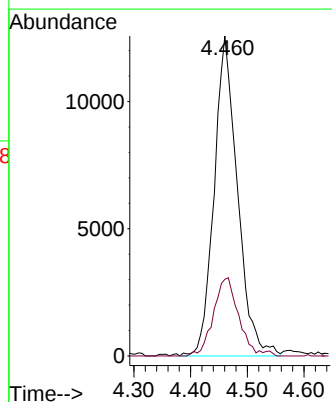
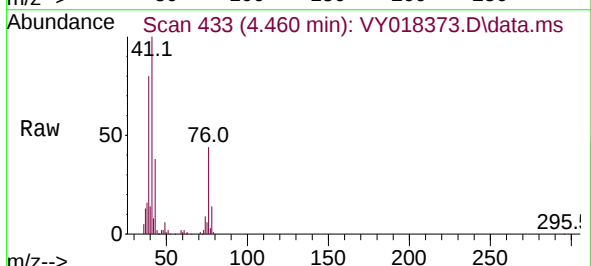
Acq: 24 May 2024 18:40

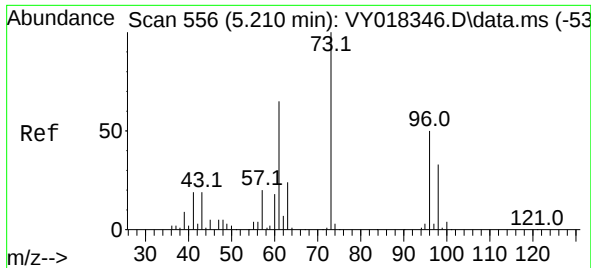
Tgt Ion: 43 Resp: 35993

Ion Ratio Lower Upper

43 100

74 26.6 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 56.838 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

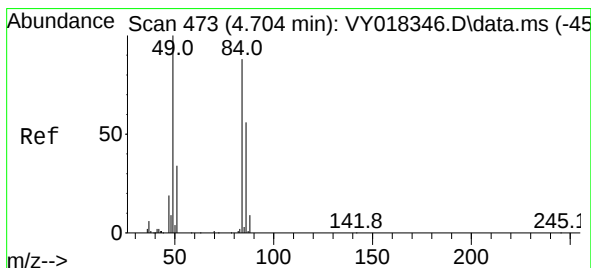
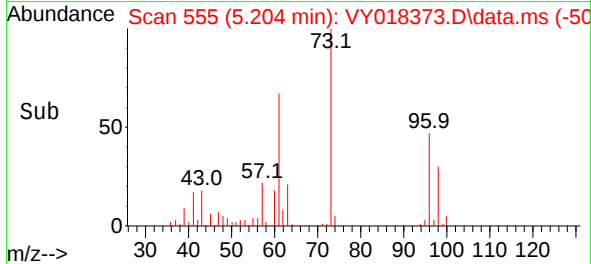
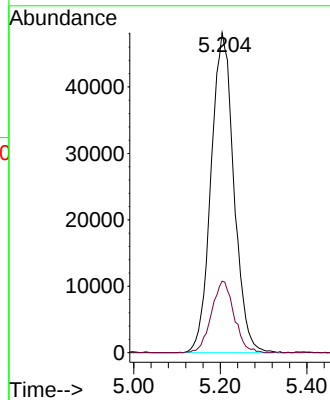
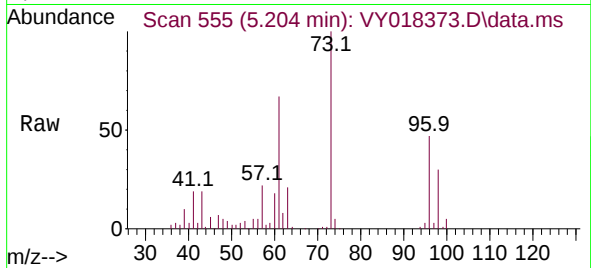
ClientSampleId :

Tgt Ion: 73 Resp: 176675

Ion Ratio Lower Upper

73 100

57 22.2 17.3 25.9



#20

Methylene Chloride

Concen: 62.343 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Tgt Ion: 84 Resp: 84055

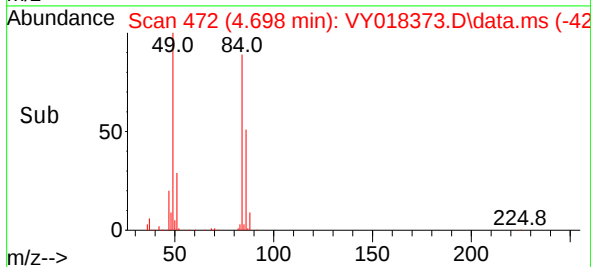
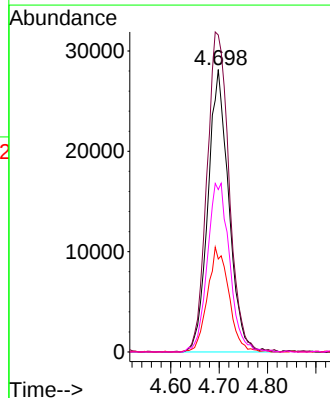
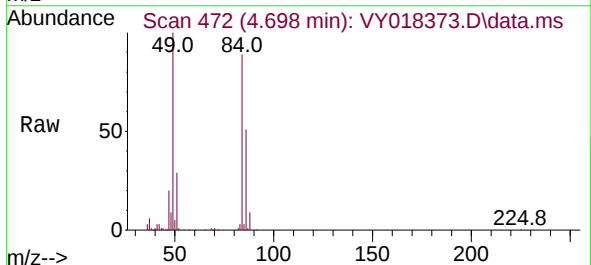
Ion Ratio Lower Upper

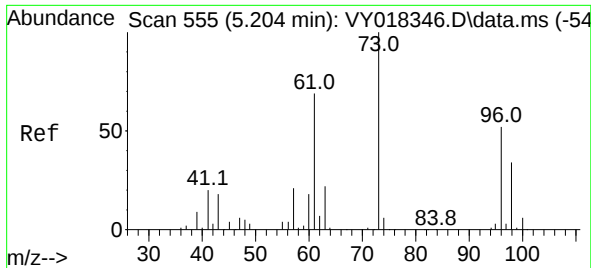
84 100

49 112.3 84.4 126.6

51 32.9 26.0 39.0

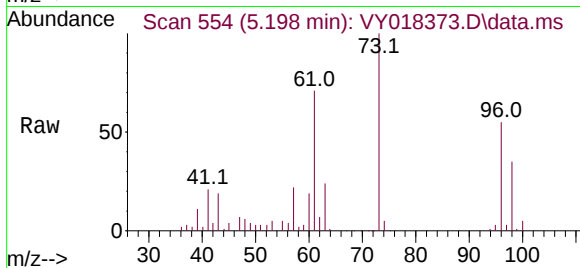
86 57.5 49.5 74.3



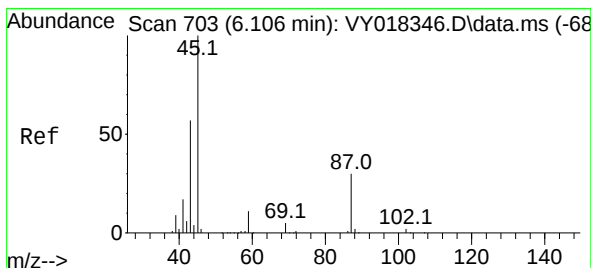
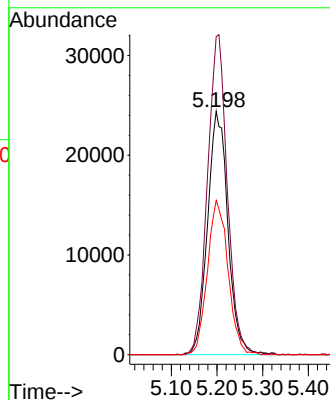
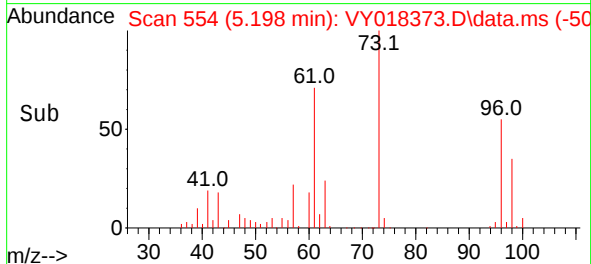


#21
trans-1,2-Dichloroethene
Concen: 55.111 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Instrument :
MSVOA_Y
ClientSampleId :

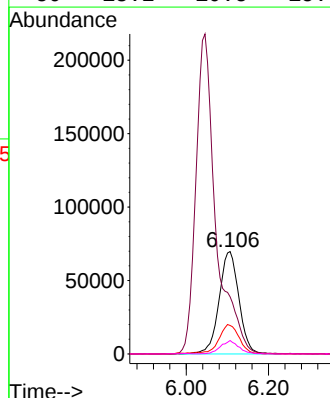
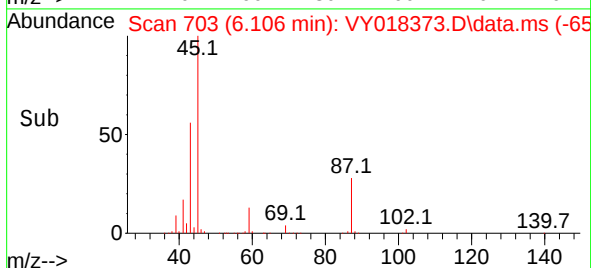
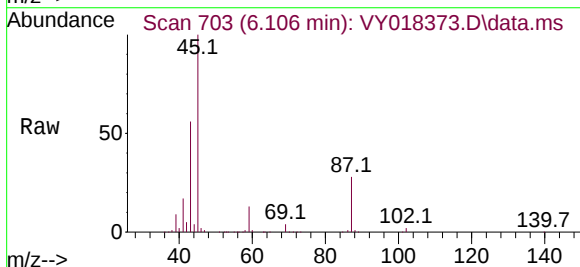


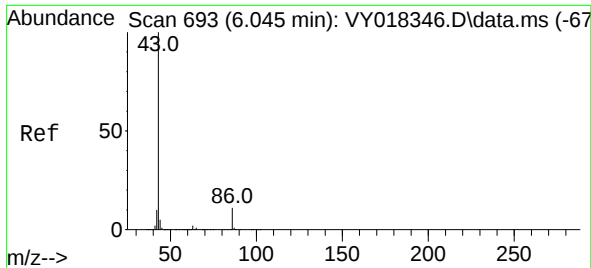
Tgt Ion: 96 Resp: 75366
Ion Ratio Lower Upper
96 100
61 130.7 97.5 146.3
98 63.4 50.5 75.7



#22
Diisopropyl ether
Concen: 62.099 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion: 45 Resp: 233638
Ion Ratio Lower Upper
45 100
43 55.4 42.2 63.2
87 27.8 25.0 37.6
59 13.2 10.5 15.7

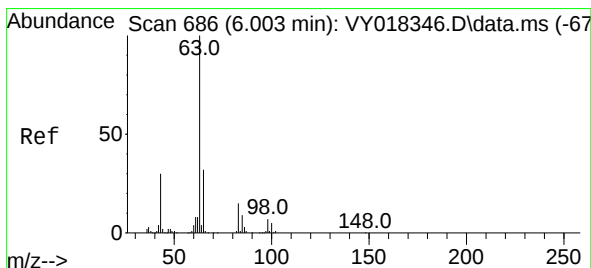
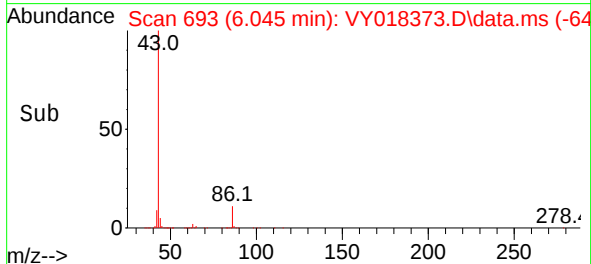
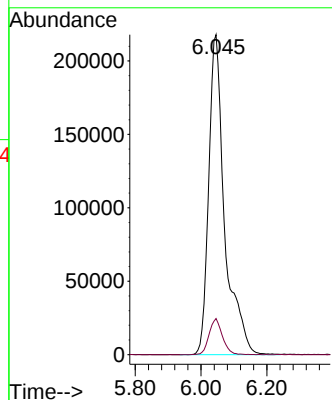
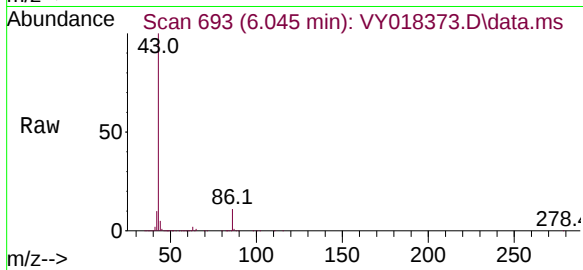




#23
 Vinyl Acetate
 Concen: 305.039 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018373.D
 Acq: 24 May 2024 18:40

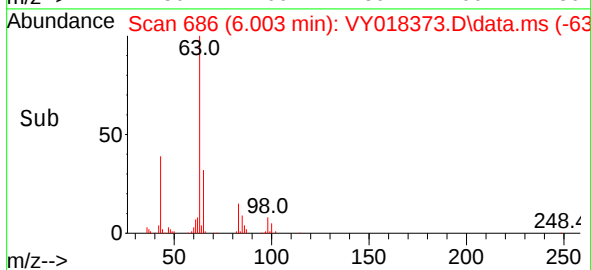
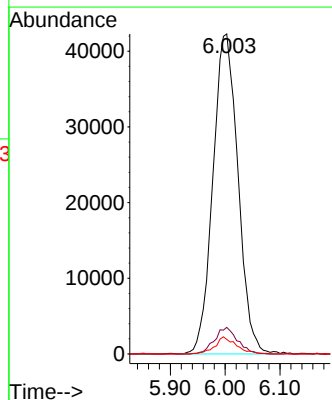
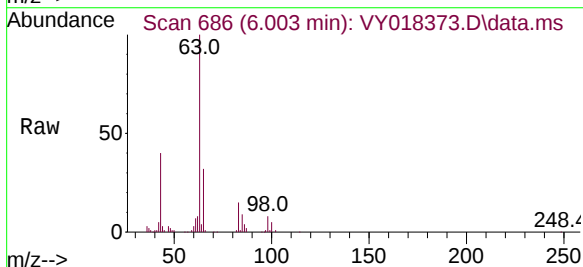
Instrument :
 MSVOA_Y
 ClientSampleId :

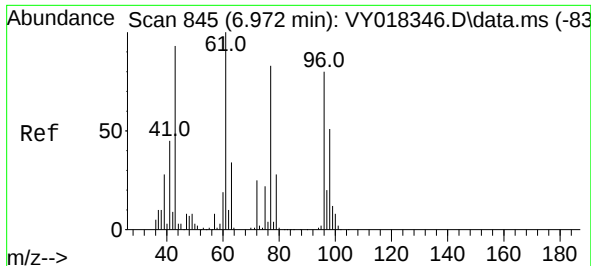
Tgt Ion: 43 Resp: 734871
 Ion Ratio Lower Upper
 43 100
 86 11.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 58.295 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY018373.D
 Acq: 24 May 2024 18:40

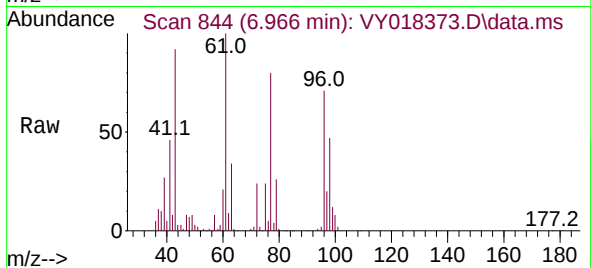
Tgt Ion: 63 Resp: 134507
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 12.2
 100 4.6 2.6 8.0



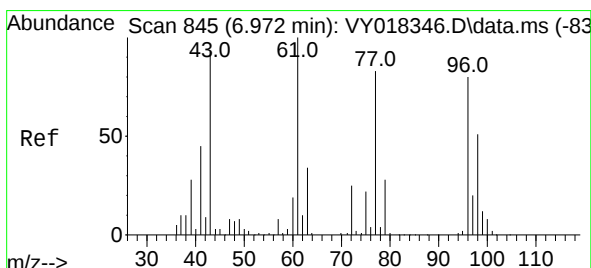
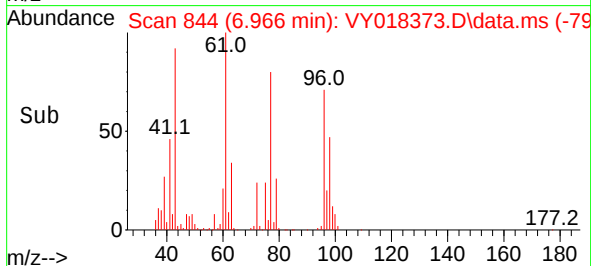
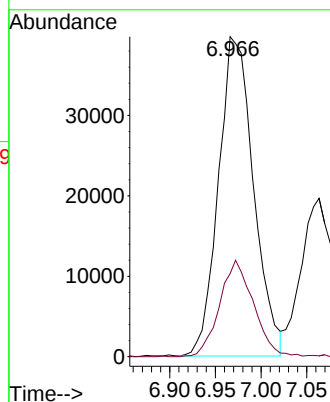


#25
2-Butanone
Concen: 280.237 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Instrument :
MSVOA_Y
ClientSampleId :

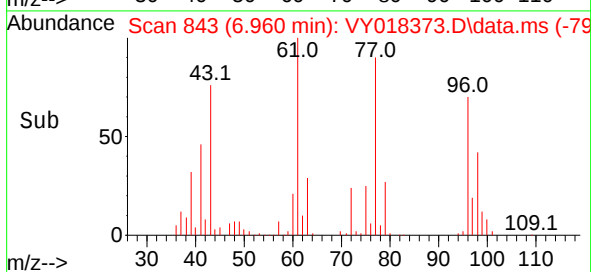
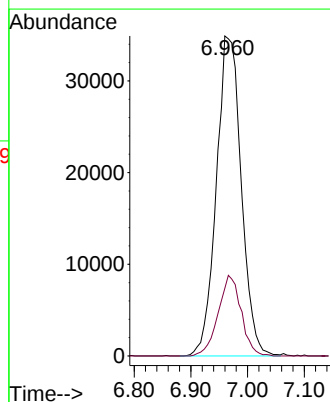
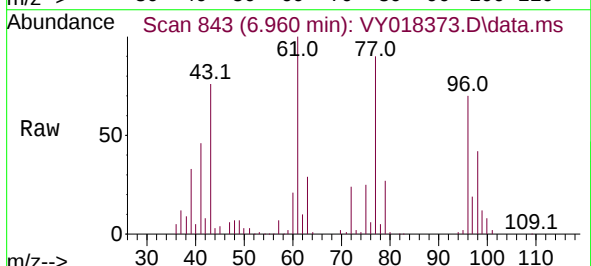


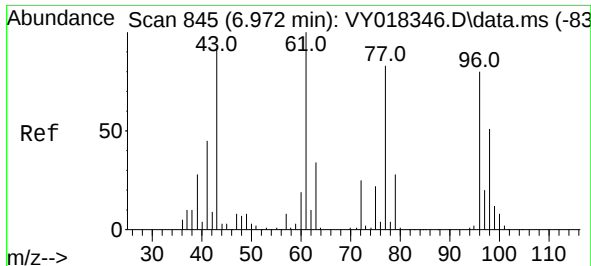
Tgt Ion: 43 Resp: 106021
Ion Ratio Lower Upper
43 100
72 26.0 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 53.407 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.012 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion: 77 Resp: 106526
Ion Ratio Lower Upper
77 100
97 23.2 12.0 36.1

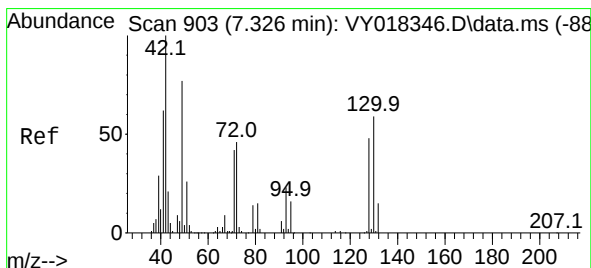
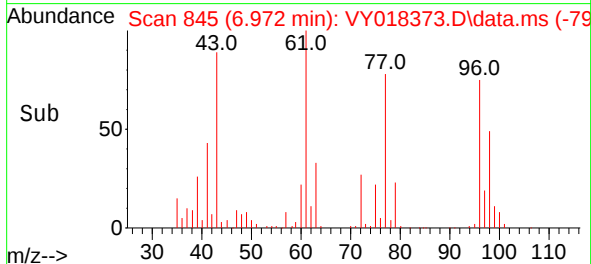
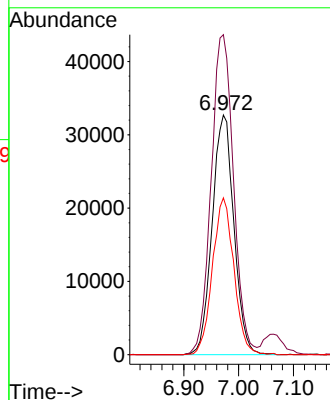
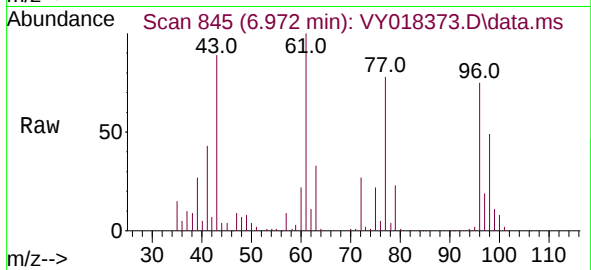




#27
 cis-1,2-Dichloroethene
 Concen: 55.956 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY018373.D
 Acq: 24 May 2024 18:40

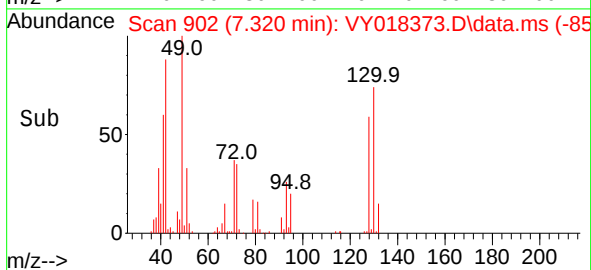
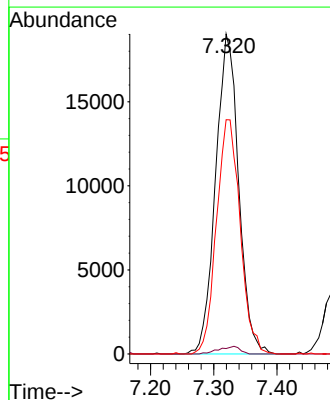
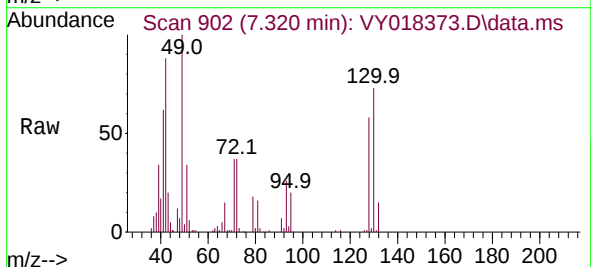
Instrument :
 MSVOA_Y
 ClientSampleId :

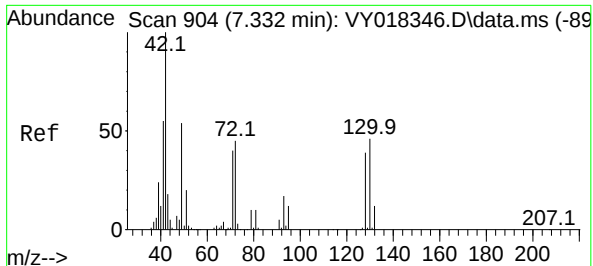
Tgt Ion: 96 Resp: 89920
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 256.2
 98 64.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 61.311 ug/l
 RT: 7.320 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: VY018373.D
 Acq: 24 May 2024 18:40

Tgt Ion: 49 Resp: 48047
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 75.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 295.723 ug/l

RT: 7.338 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :

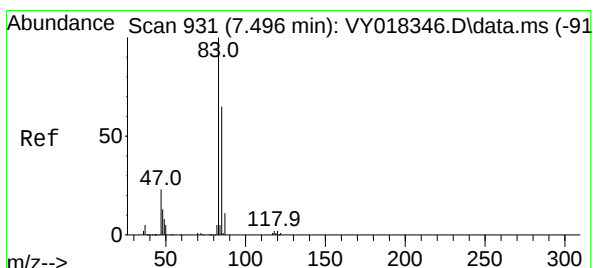
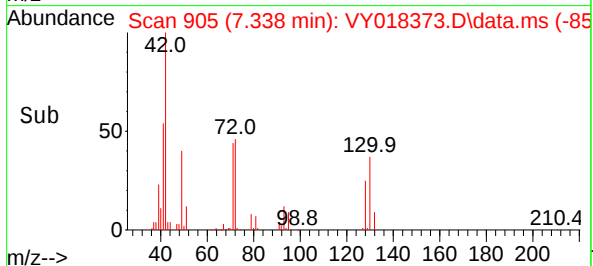
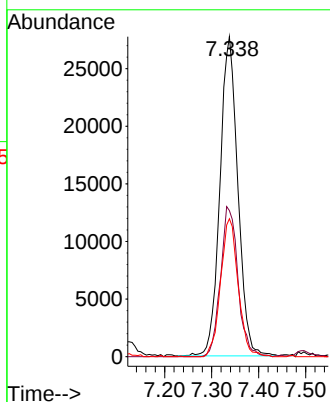
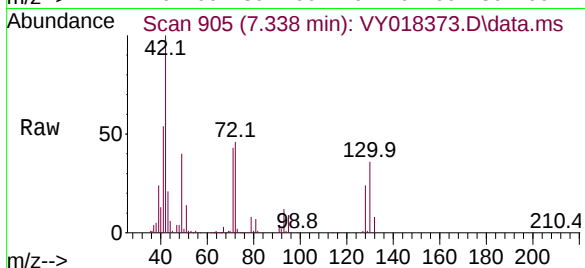
Tgt Ion: 42 Resp: 73640

Ion Ratio Lower Upper

42 100

72 45.7 43.0 64.4

71 42.1 40.8 61.2



#30

Chloroform

Concen: 57.489 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018373.D

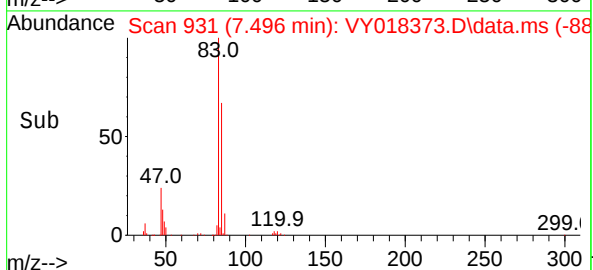
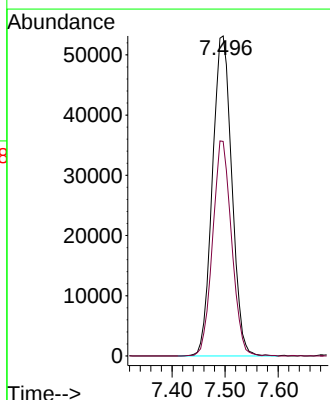
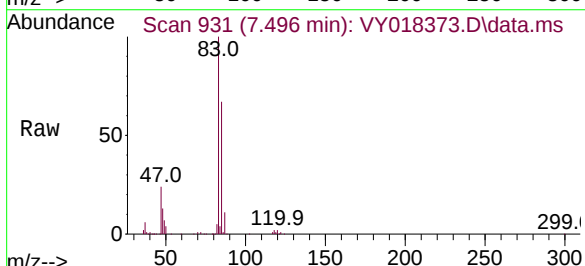
Acq: 24 May 2024 18:40

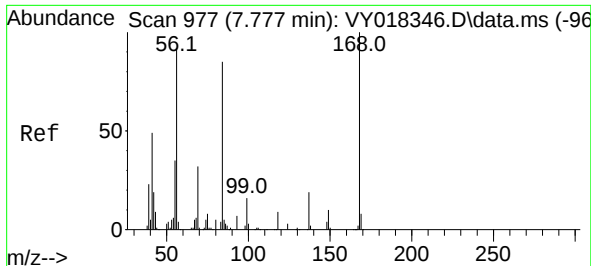
Tgt Ion: 83 Resp: 135202

Ion Ratio Lower Upper

83 100

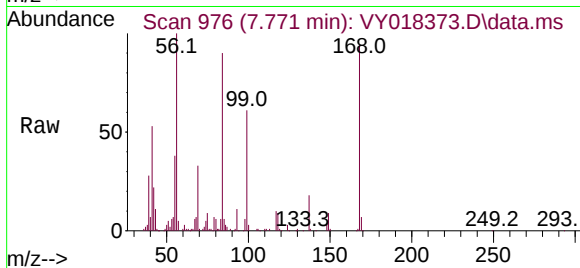
85 67.0 52.2 78.4



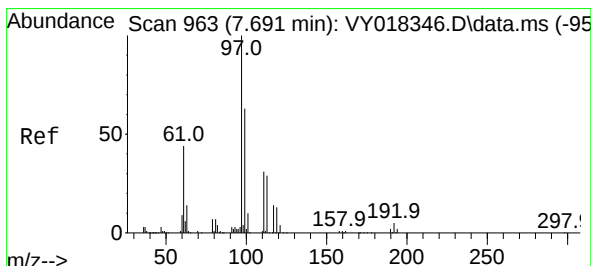
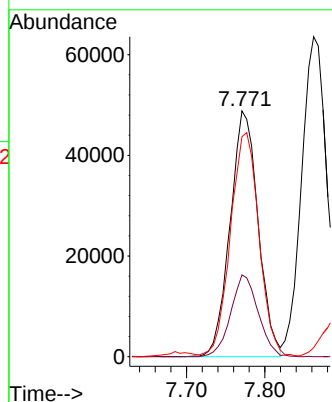
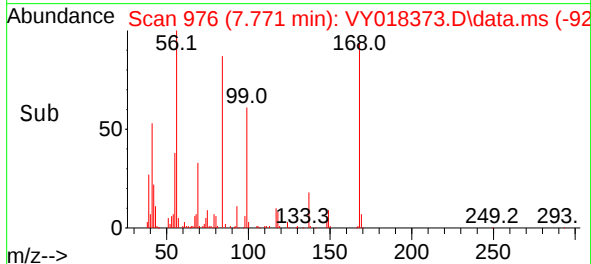


#31
Cyclohexane
Concen: 59.860 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

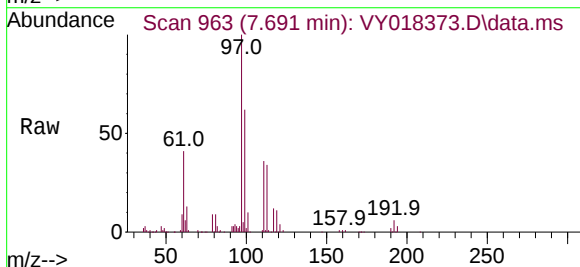
Instrument :
MSVOA_Y
ClientSampleId :



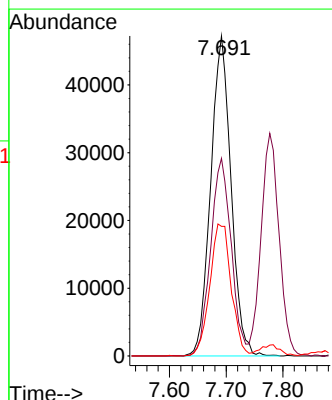
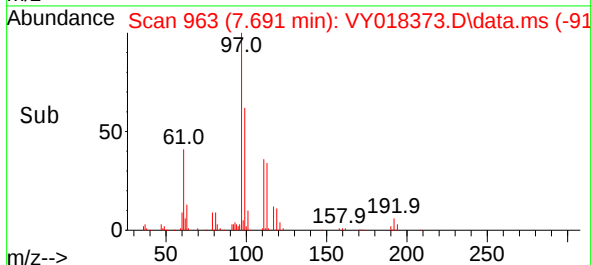
Tgt Ion: 56 Resp: 121361
Ion Ratio Lower Upper
56 100
69 33.3 28.7 43.1
84 88.2 77.7 116.5

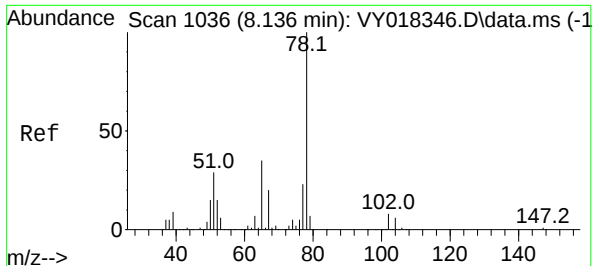


#32
1,1,1-Trichloroethane
Concen: 56.887 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40



Tgt Ion: 97 Resp: 117428
Ion Ratio Lower Upper
97 100
99 62.3 50.3 75.5
61 43.4 32.6 48.8

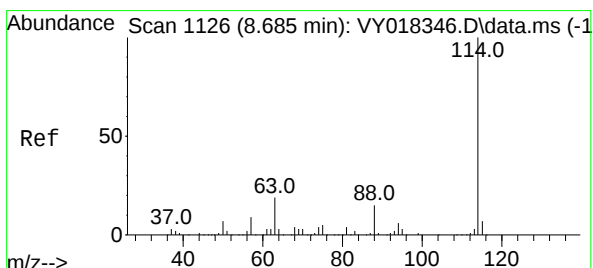
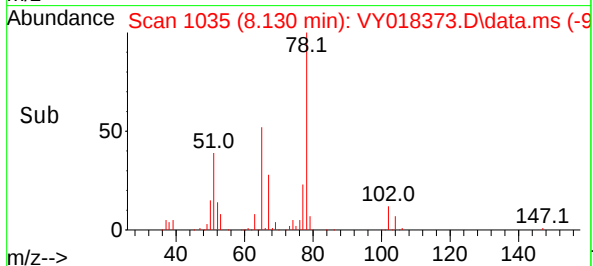
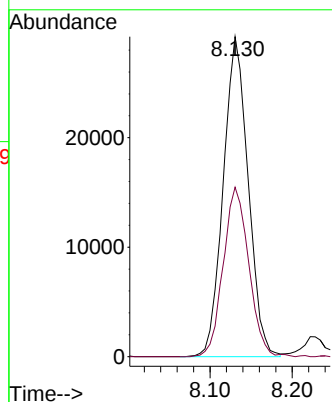
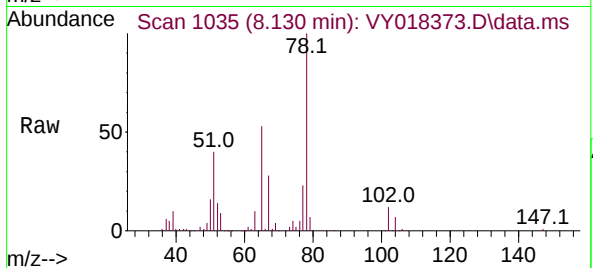




#33
1,2-Dichloroethane-d4
Concen: 53.012 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

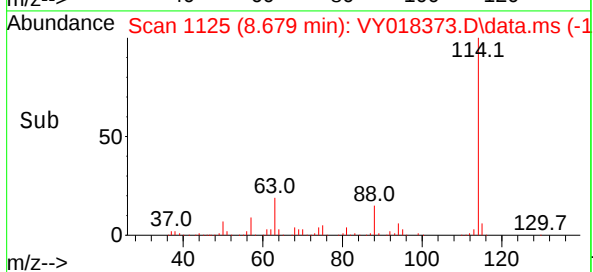
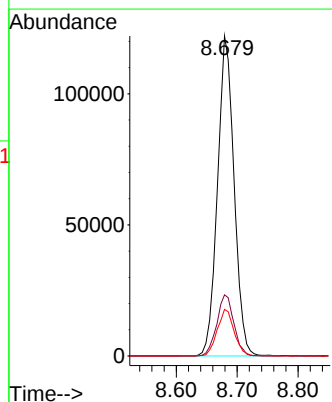
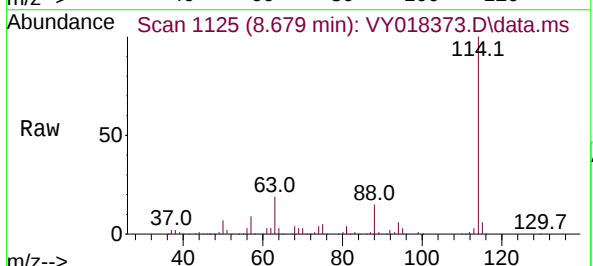
Instrument :
MSVOA_Y
ClientSampleId :

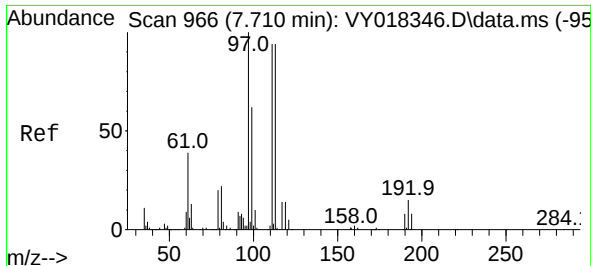
Tgt Ion: 65 Resp: 61533
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion:114 Resp: 230780
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.0
88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 45.494 ug/l

RT: 7.704 min Scan# 91

Delta R.T. -0.006 min

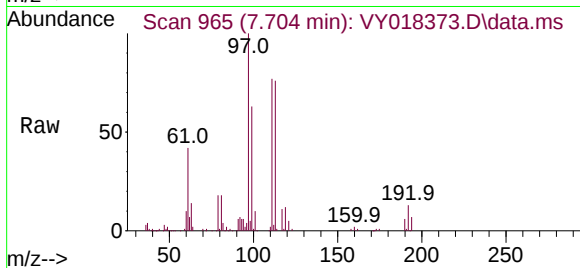
Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :



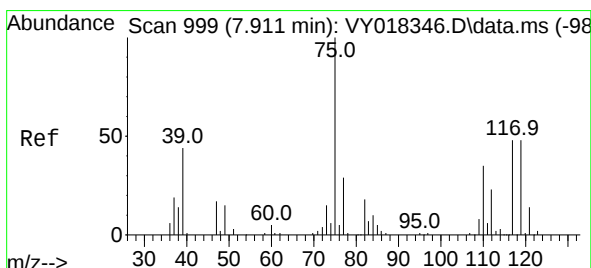
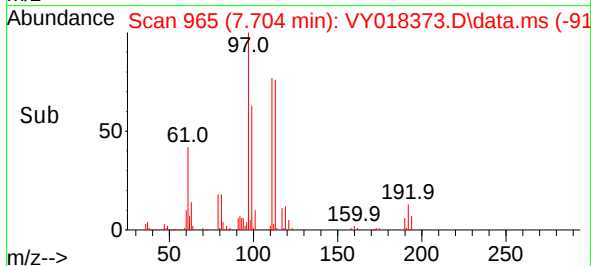
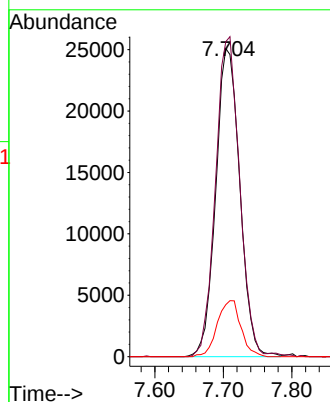
Tgt Ion:113 Resp: 61226

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 17.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 51.203 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

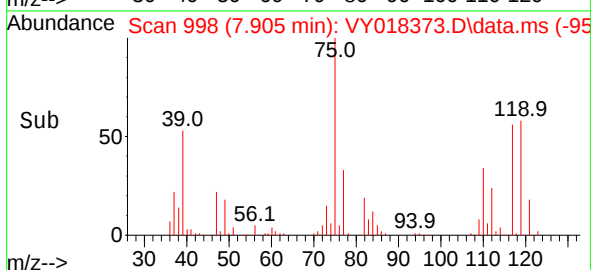
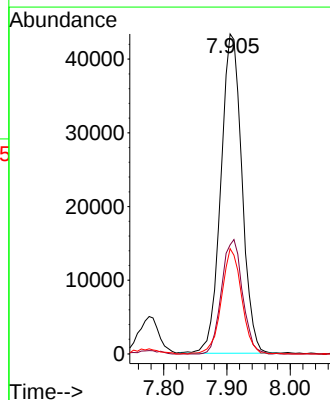
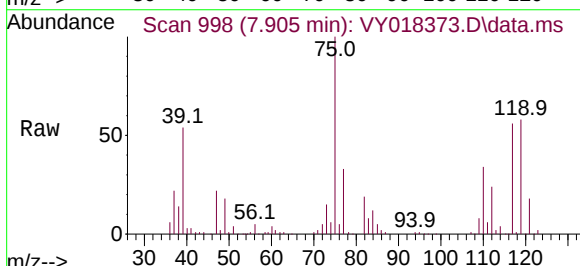
Tgt Ion: 75 Resp: 99933

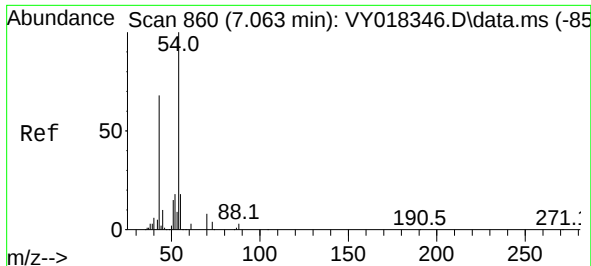
Ion Ratio Lower Upper

75 100

110 35.6 19.0 57.0

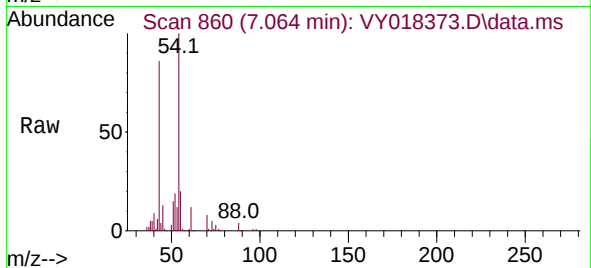
77 31.7 25.3 37.9



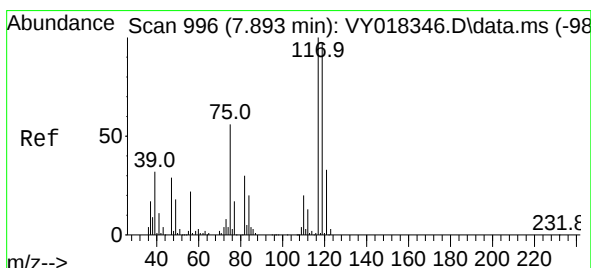
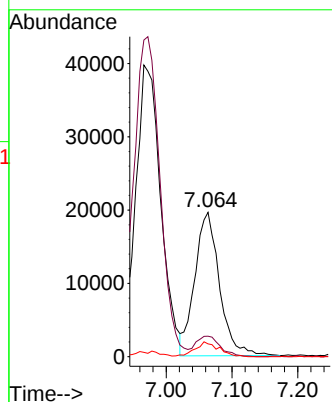
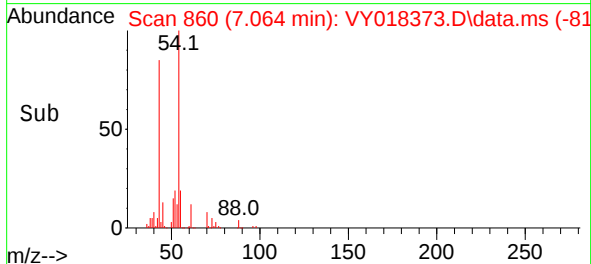


#37
Ethyl Acetate
Concen: 54.728 ug/l
RT: 7.064 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Instrument :
MSVOA_Y
ClientSampleId :

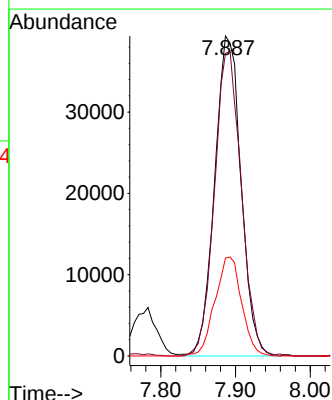
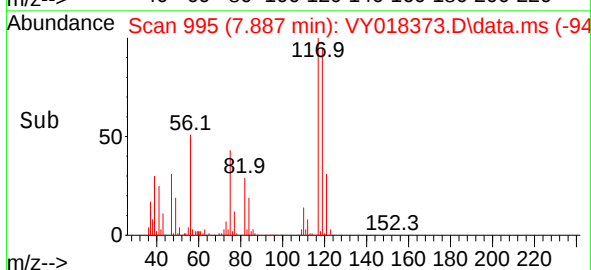
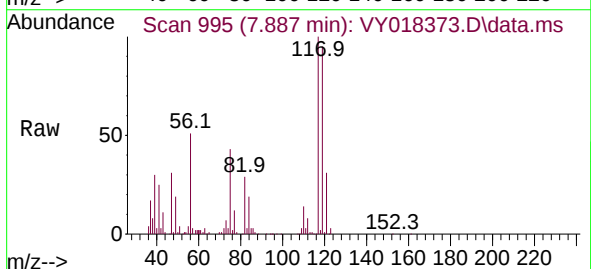


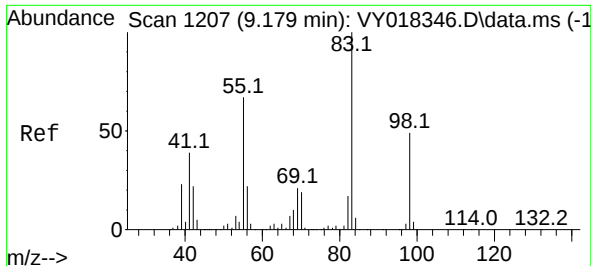
Tgt Ion: 43 Resp: 51096
Ion Ratio Lower Upper
43 100
61 14.3 12.6 19.0
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.259 ug/l
RT: 7.887 min Scan# 995
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion: 117 Resp: 96468
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.6
121 30.6 24.0 36.0





#39

Methylcyclohexane

Concen: 49.665 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :

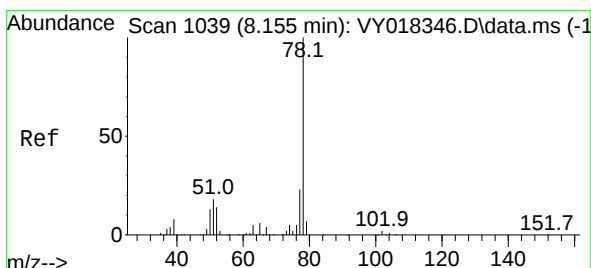
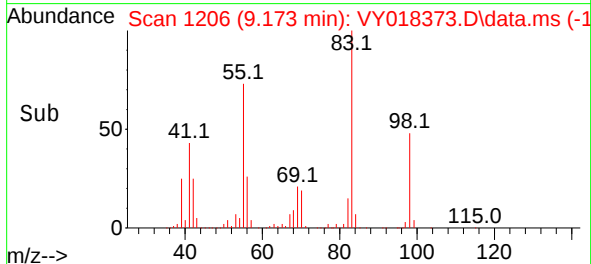
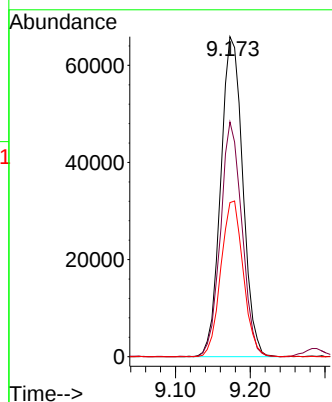
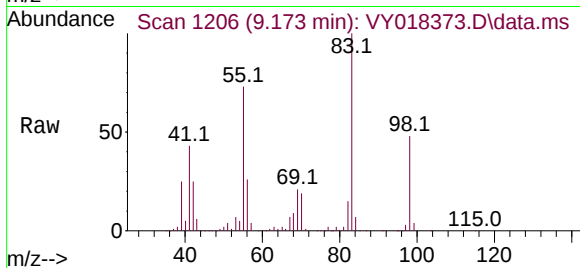
Tgt Ion: 83 Resp: 135219

Ion Ratio Lower Upper

83 100

55 73.4 51.5 77.3

98 48.2 40.5 60.7



#40

Benzene

Concen: 53.410 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY018373.D

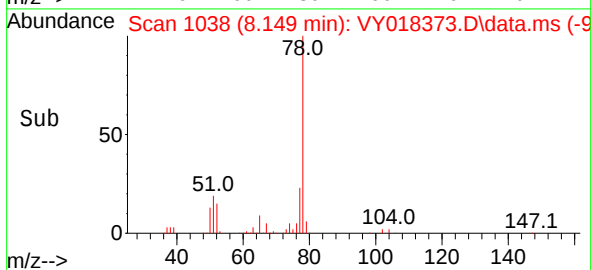
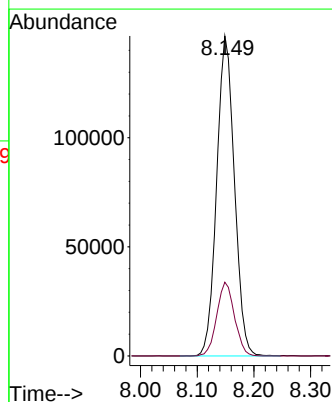
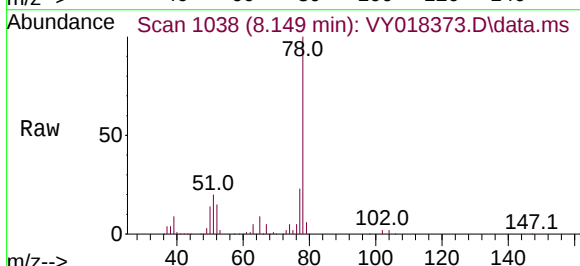
Acq: 24 May 2024 18:40

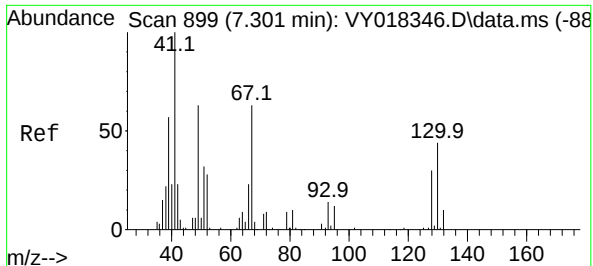
Tgt Ion: 78 Resp: 317771

Ion Ratio Lower Upper

78 100

77 23.1 19.5 29.3

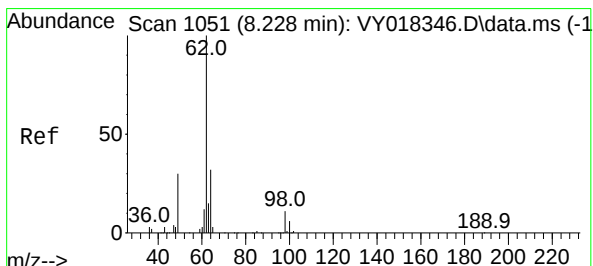
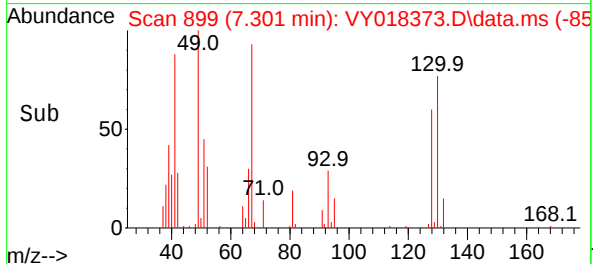
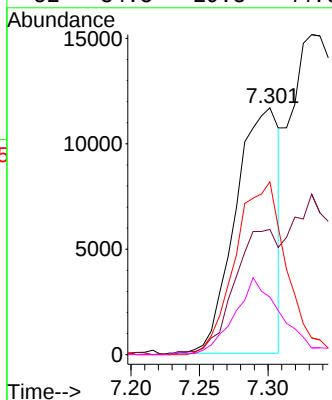
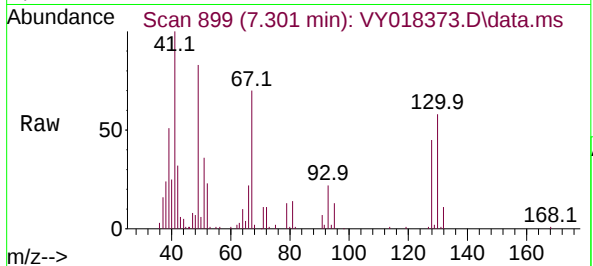




#41
Methacrylonitrile
Concen: 55.169 ug/l
RT: 7.301 min Scan# 899
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

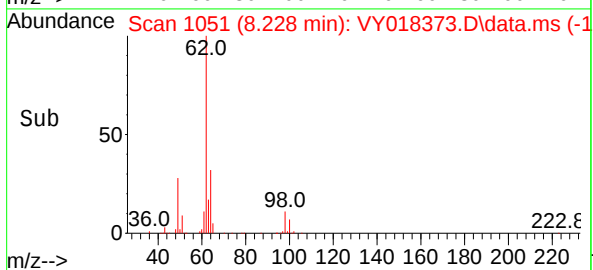
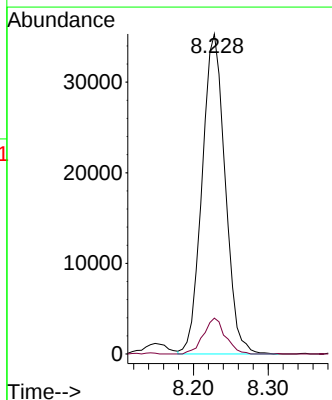
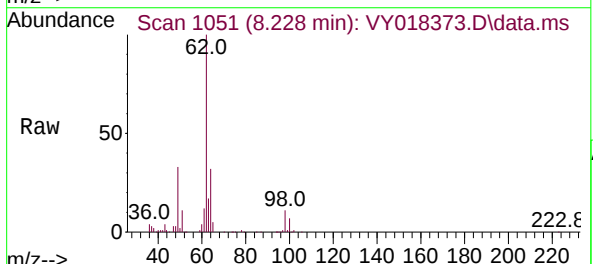
Instrument :
MSVOA_Y
ClientSampleId :

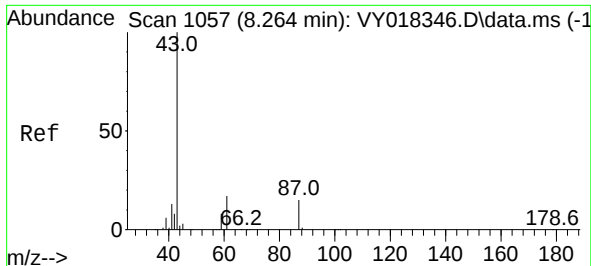
Tgt Ion:	41	Resp:	25711
Ion Ratio	Lower	Upper	
41	100		
39	52.0	48.0	72.0
67	82.8	75.1	112.7
52	34.8	29.8	44.6



#42
1,2-Dichloroethane
Concen: 52.867 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion:	62	Resp:	75661
Ion Ratio	Lower	Upper	
62	100		
98	10.6	0.0	22.0





#43

Isopropyl Acetate

Concen: 55.097 ug/l

RT: 8.265 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :

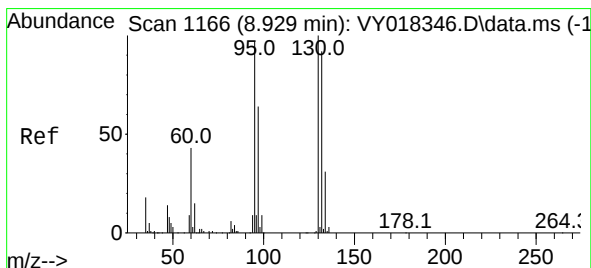
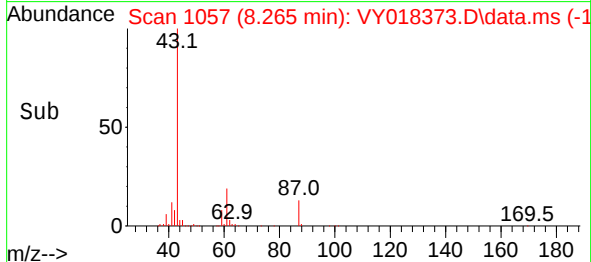
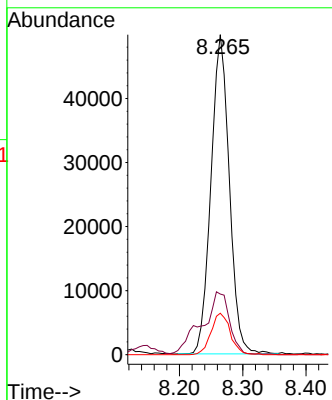
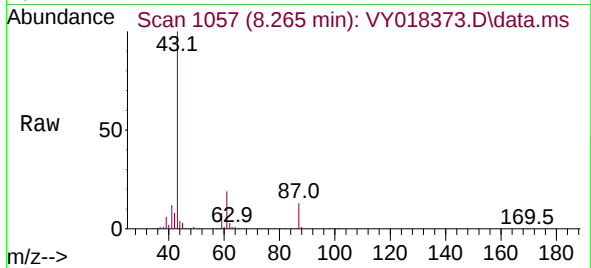
Tgt Ion: 43 Resp: 100368

Ion Ratio Lower Upper

43 100

61 29.0 27.9 41.9

87 13.7 13.1 19.7



#44

Trichloroethene

Concen: 49.015 ug/l

RT: 8.929 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VY018373.D

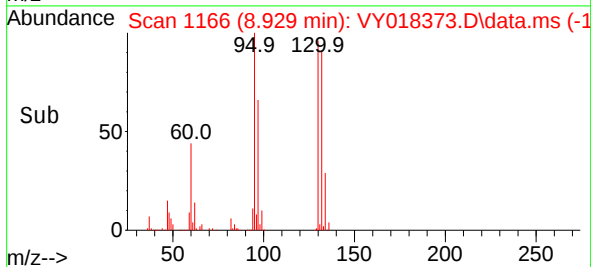
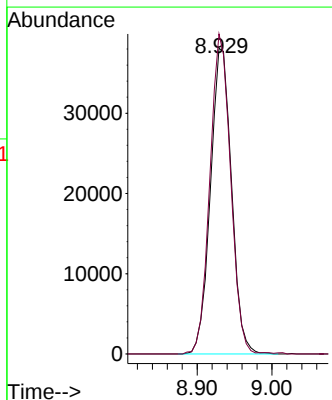
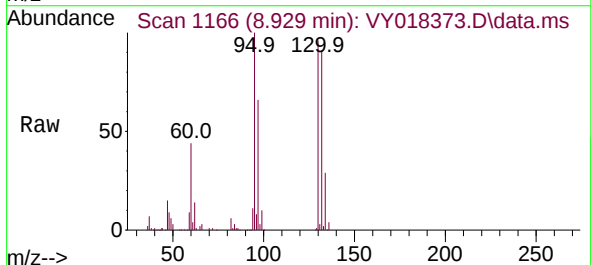
Acq: 24 May 2024 18:40

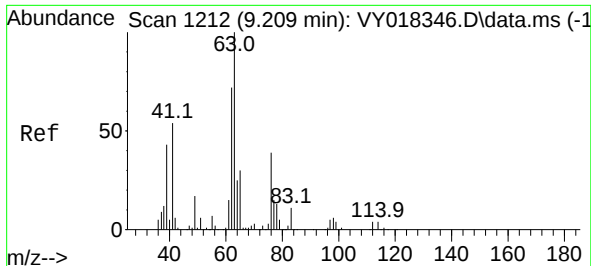
Tgt Ion:130 Resp: 74751

Ion Ratio Lower Upper

130 100

95 104.7 0.0 188.0

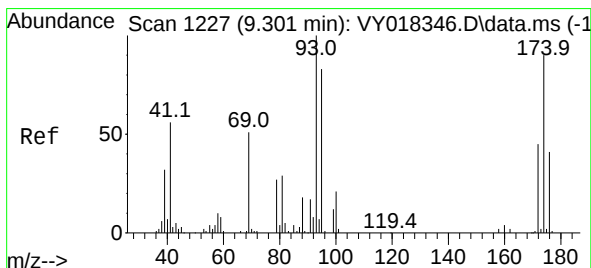
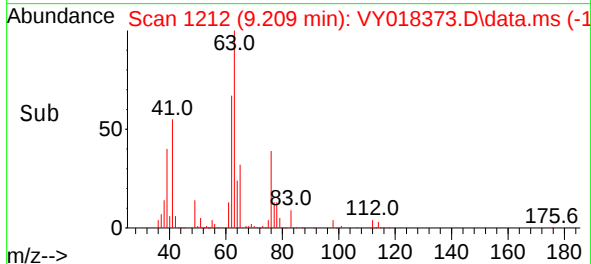
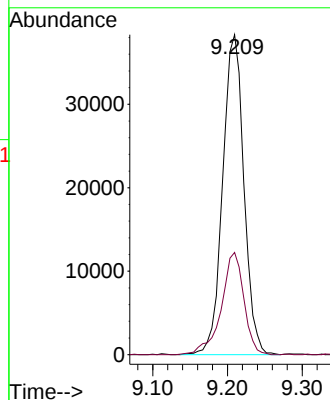
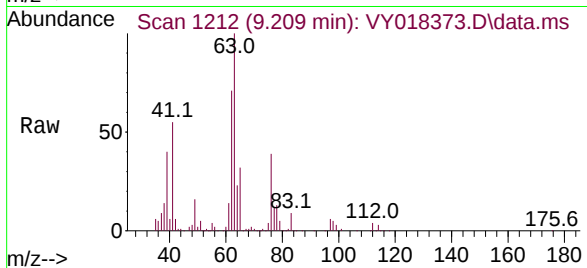




#45
1,2-Dichloropropane
Concen: 56.544 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

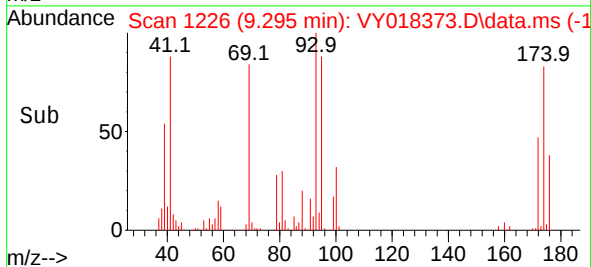
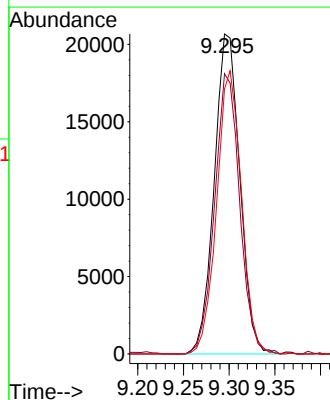
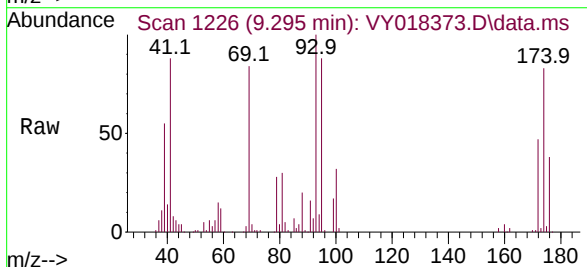
Instrument :
MSVOA_Y
ClientSampleId :

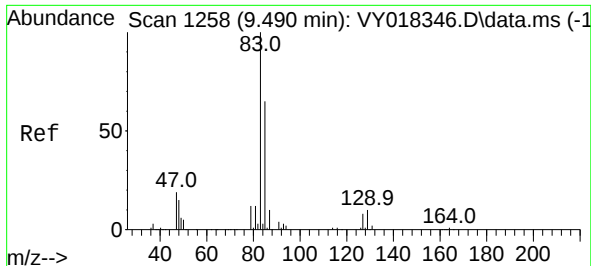
Tgt Ion: 63 Resp: 75664
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.2



#46
Dibromomethane
Concen: 51.263 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion: 93 Resp: 40252
Ion Ratio Lower Upper
93 100
95 85.9 66.2 99.4
174 85.7 80.9 121.3





#47

Bromodichloromethane

Concen: 52.511 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :

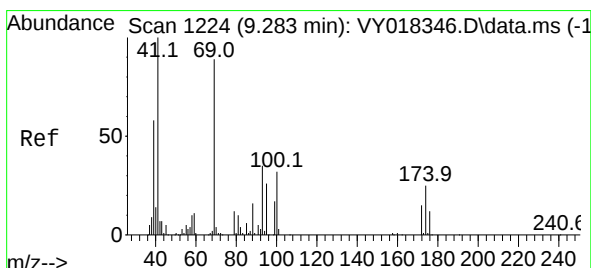
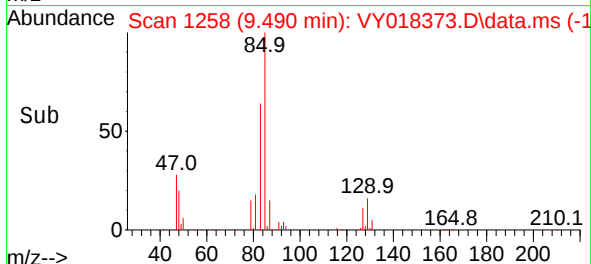
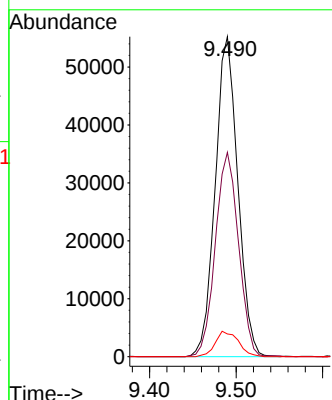
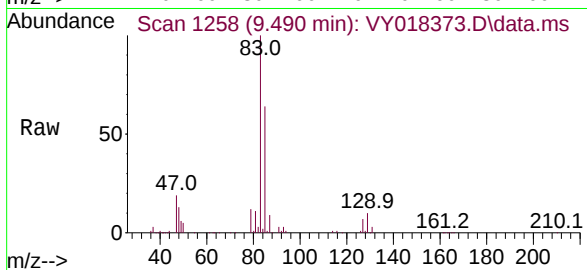
Tgt Ion: 83 Resp: 100064

Ion Ratio Lower Upper

83 100

85 63.8 50.1 75.1

127 7.1 7.4 11.0#



#48

Methyl methacrylate

Concen: 54.863 ug/l

RT: 9.283 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

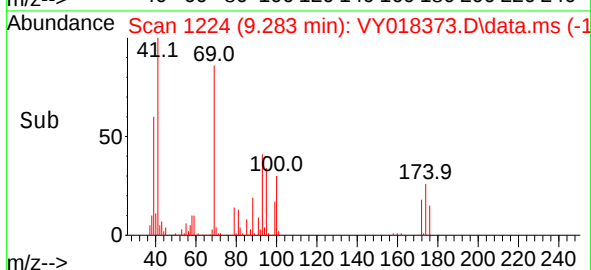
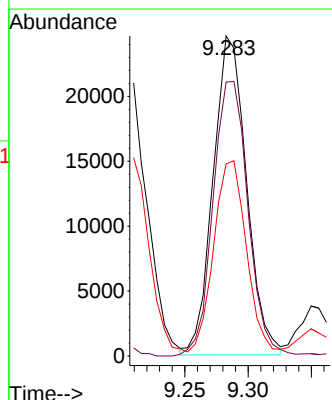
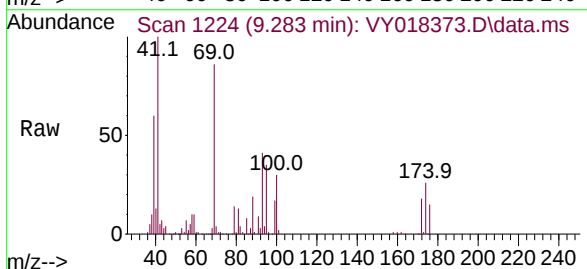
Tgt Ion: 41 Resp: 45208

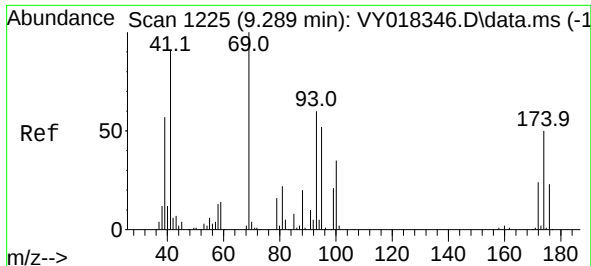
Ion Ratio Lower Upper

41 100

69 90.2 84.1 126.1

39 58.4 43.6 65.4

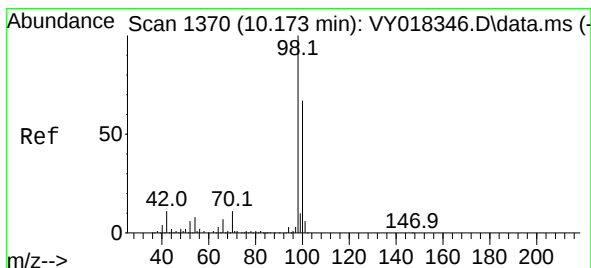
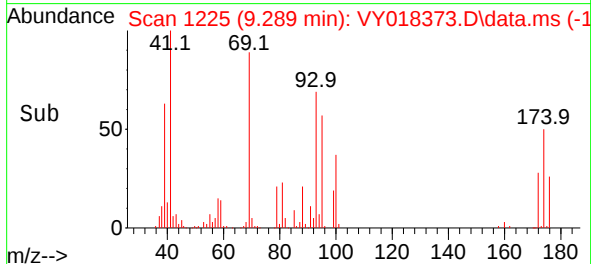
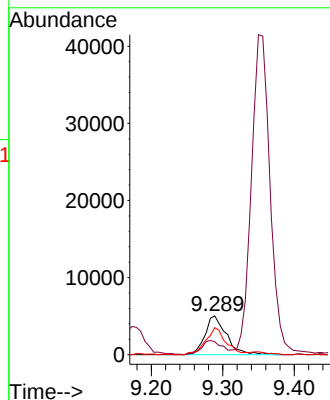
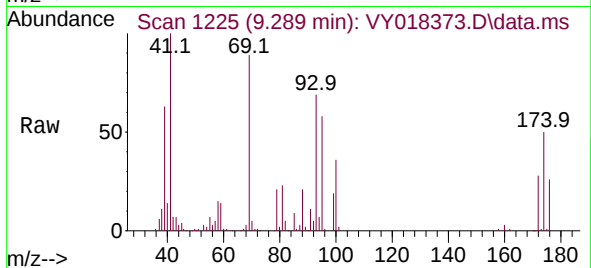




#49
1,4-Dioxane
Concen: 1036.746 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

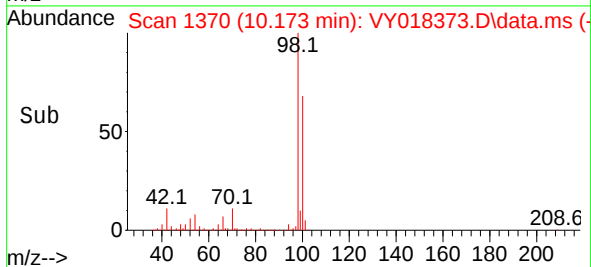
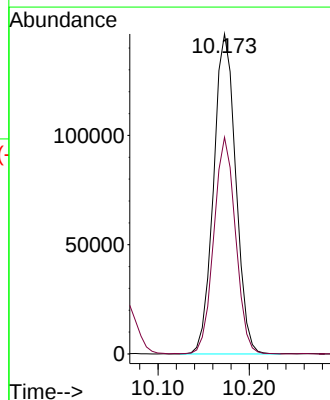
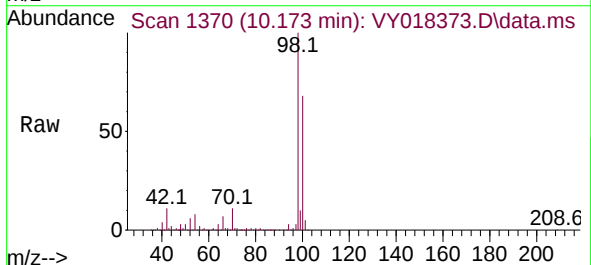
Instrument :
MSVOA_Y
ClientSampleId :

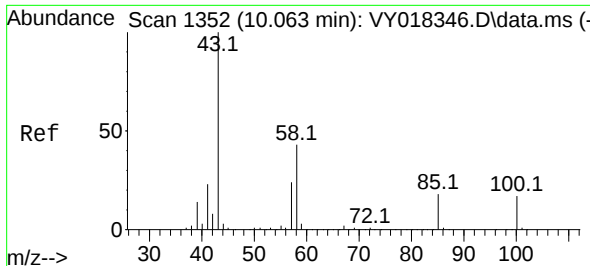
Tgt Ion: 88 Resp: 10562
Ion Ratio Lower Upper
88 100
43 33.5 0.0 0.0#
58 64.9 49.3 73.9



#50
Toluene-d8
Concen: 47.051 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion: 98 Resp: 246874
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 283.010 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

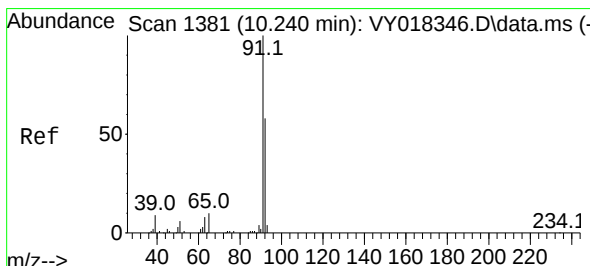
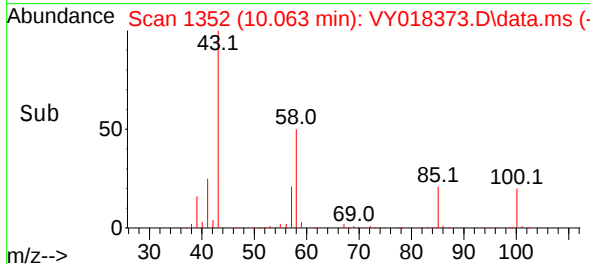
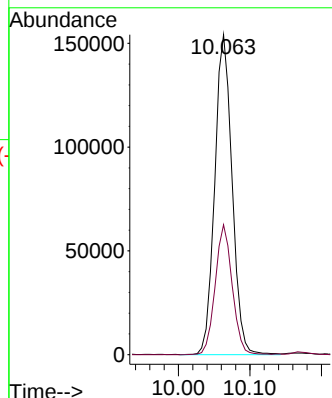
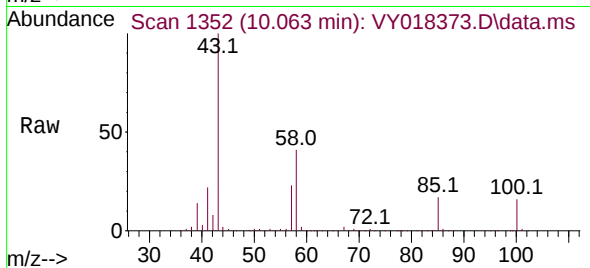
ClientSampleId :

Tgt Ion: 43 Resp: 260189

Ion Ratio Lower Upper

43 100

58 39.7 35.7 53.5



#52

Toluene

Concen: 53.266 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY018373.D

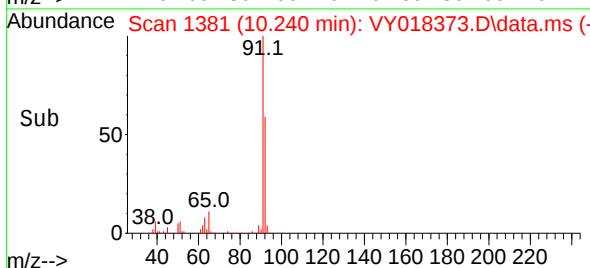
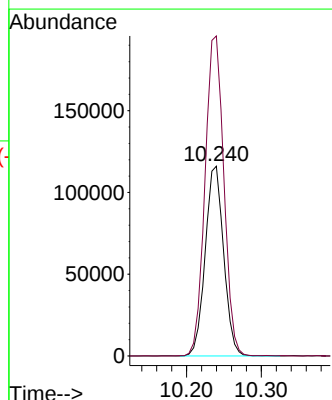
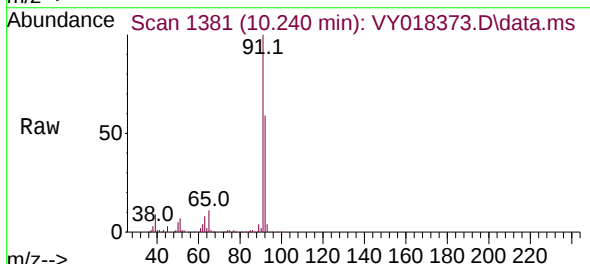
Acq: 24 May 2024 18:40

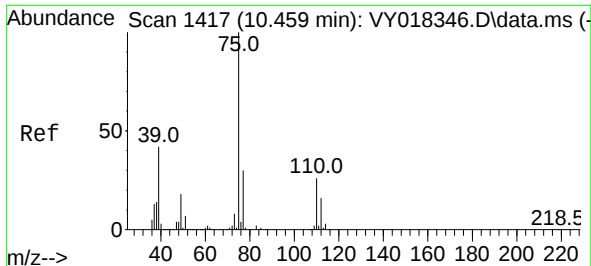
Tgt Ion: 92 Resp: 198664

Ion Ratio Lower Upper

92 100

91 172.2 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 55.376 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

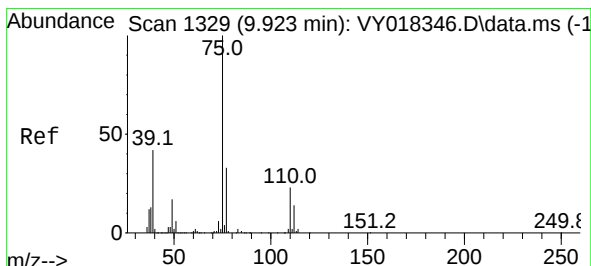
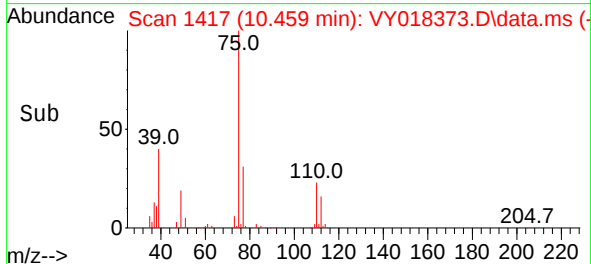
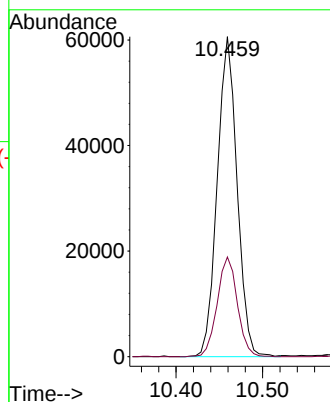
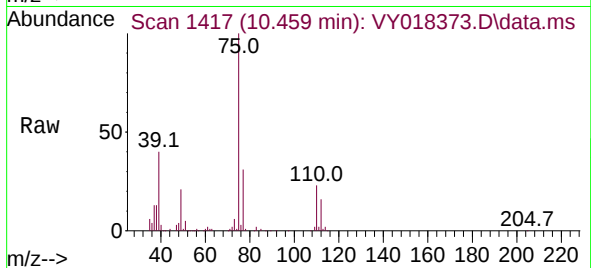
ClientSampleId :

Tgt Ion: 75 Resp: 96477

Ion Ratio Lower Upper

75 100

77 31.1 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 54.167 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

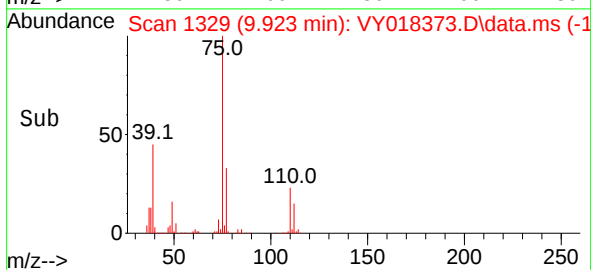
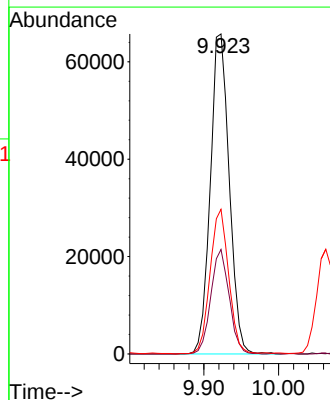
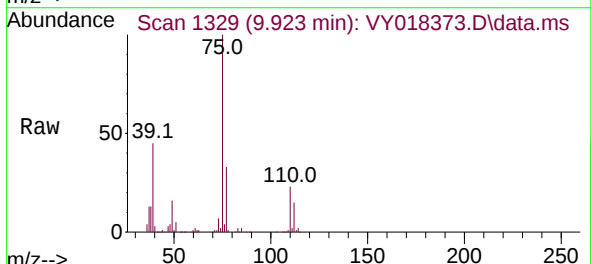
Tgt Ion: 75 Resp: 115634

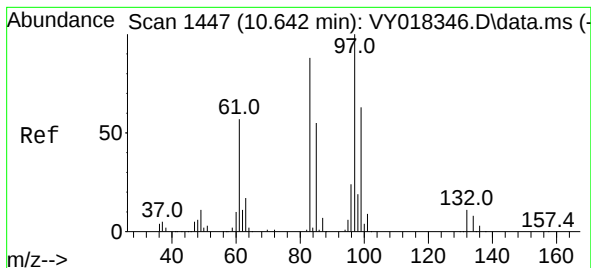
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

39 45.1 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 53.301 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 55447

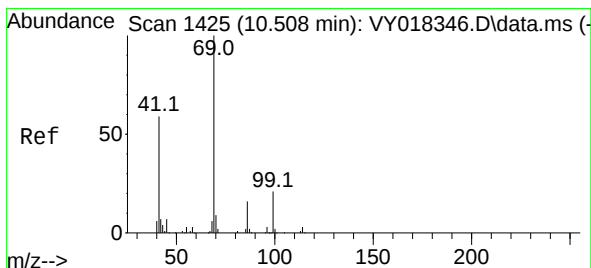
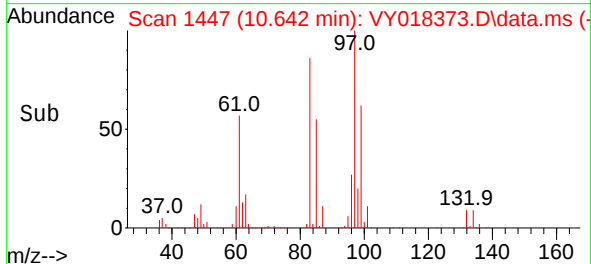
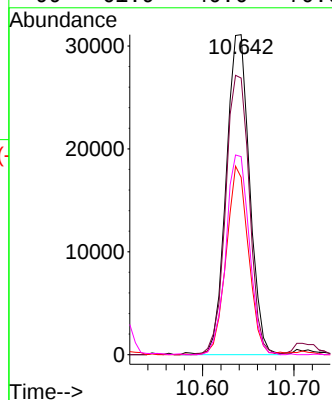
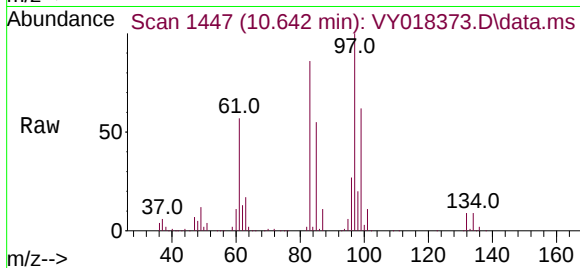
Ion Ratio Lower Upper

97 100

83 86.5 67.5 101.3

85 55.4 42.9 64.3

99 61.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 56.849 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

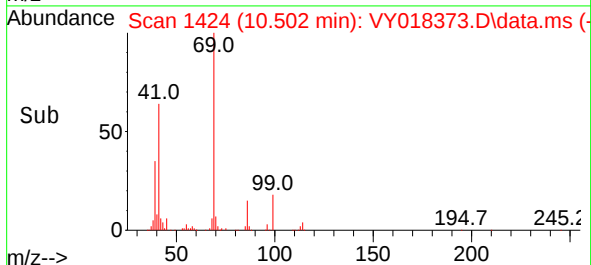
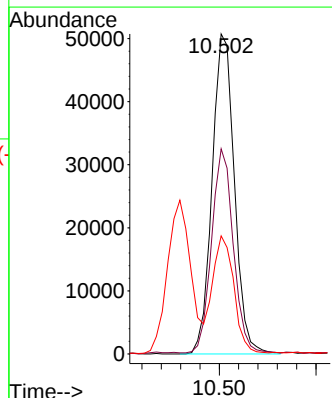
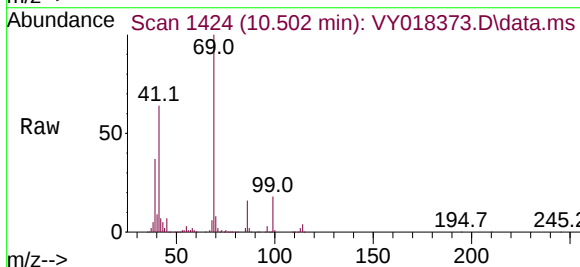
Tgt Ion: 69 Resp: 81116

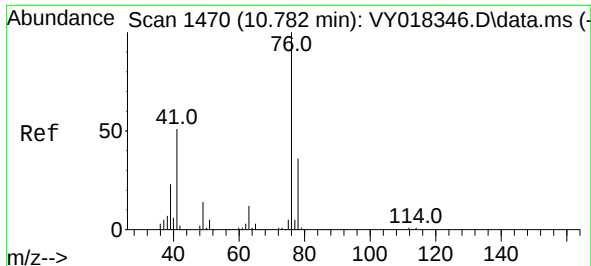
Ion Ratio Lower Upper

69 100

41 62.2 42.3 63.5

39 34.8 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 54.520 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

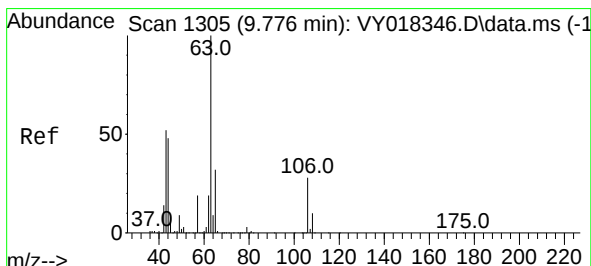
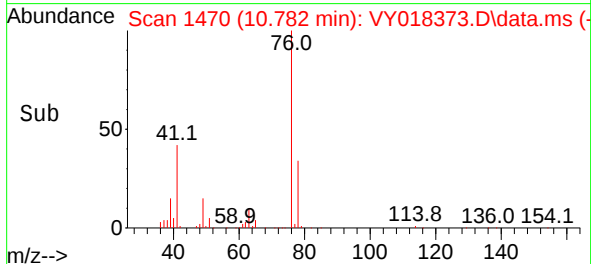
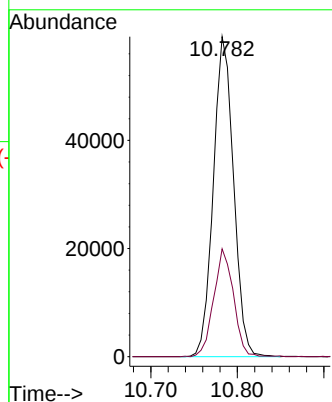
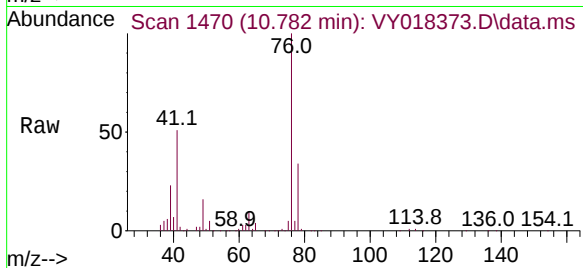
ClientSampleId :

Tgt Ion: 76 Resp: 96128

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 208.862 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018373.D

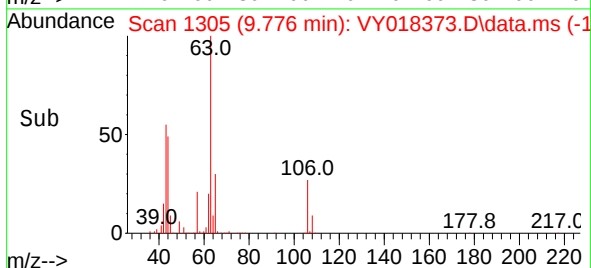
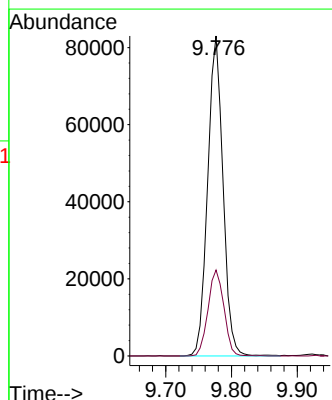
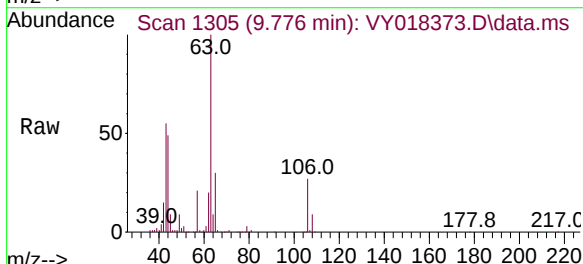
Acq: 24 May 2024 18:40

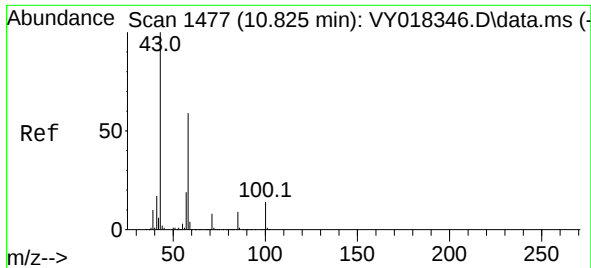
Tgt Ion: 63 Resp: 134662

Ion Ratio Lower Upper

63 100

106 27.8 23.7 35.5

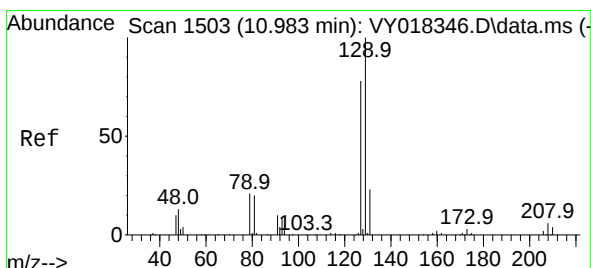
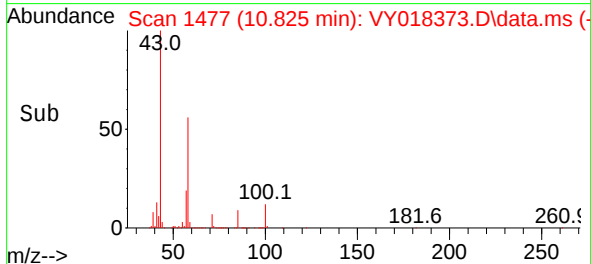
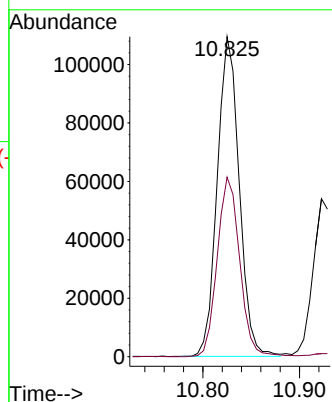
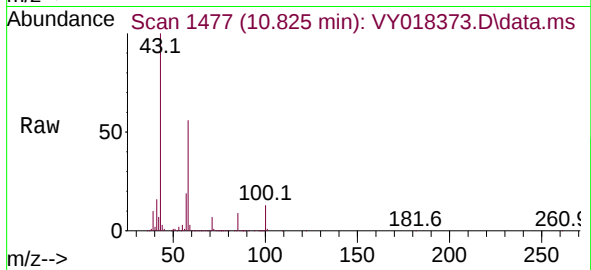




#59
2-Hexanone
Concen: 272.590 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

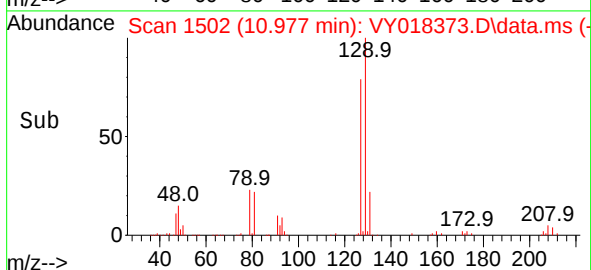
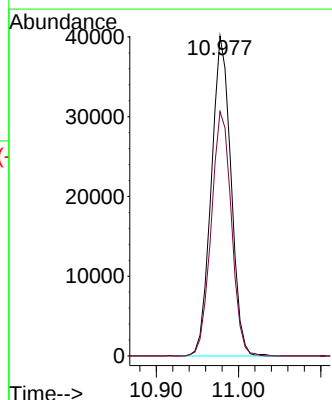
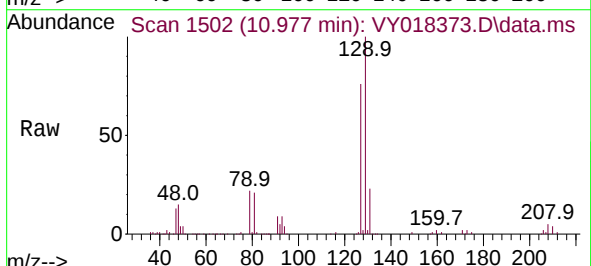
Instrument :
MSVOA_Y
ClientSampleId :

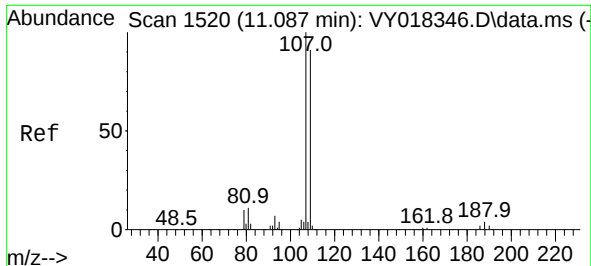
Tgt Ion: 43 Resp: 172443
Ion Ratio Lower Upper
43 100
58 57.6 31.4 94.0



#60
Dibromochloromethane
Concen: 52.983 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion: 129 Resp: 66572
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0

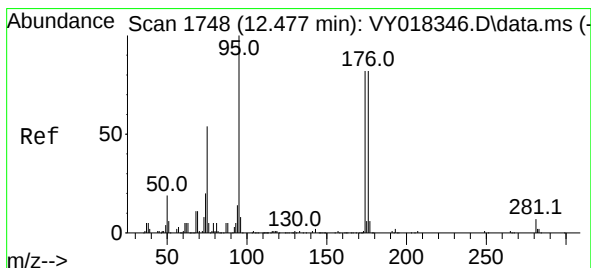
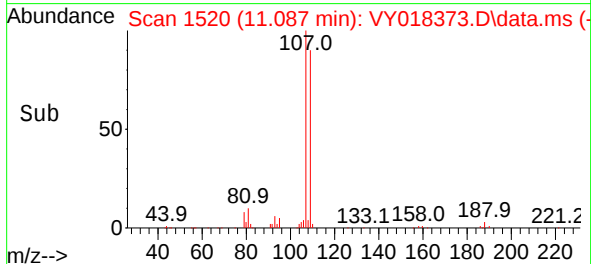
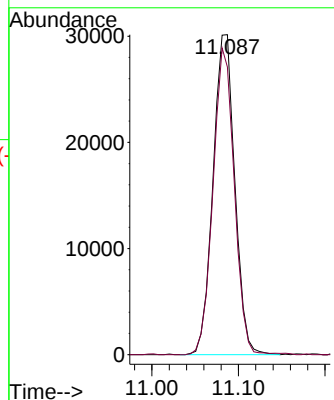
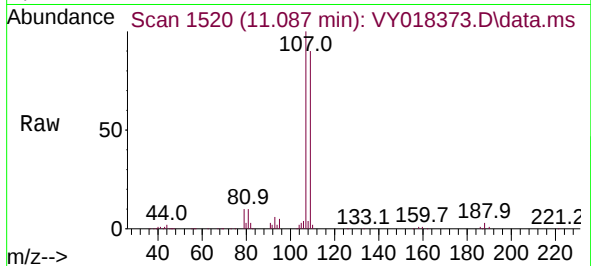




#61
1,2-Dibromoethane
Concen: 54.963 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

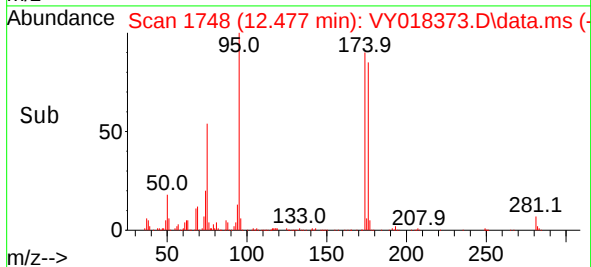
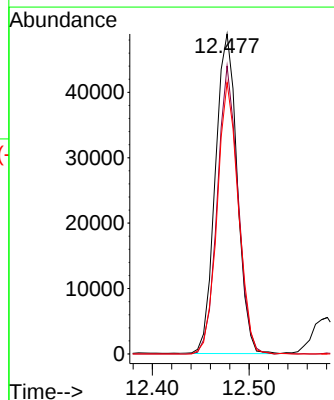
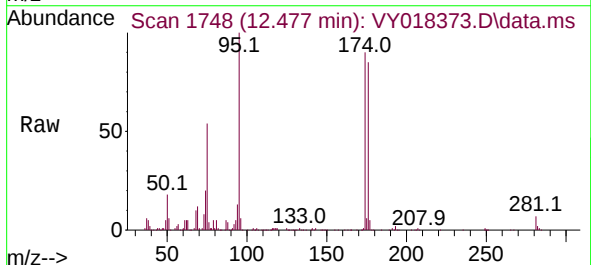
Instrument :
MSVOA_Y
ClientSampleId :

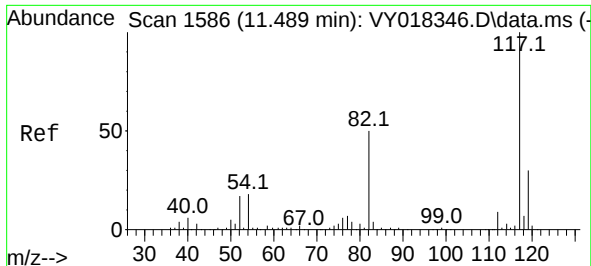
Tgt Ion:107 Resp: 52756
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.200 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion: 95 Resp: 76524
Ion Ratio Lower Upper
95 100
174 85.2 0.0 175.6
176 82.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :

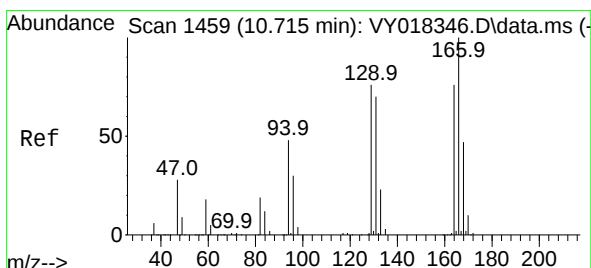
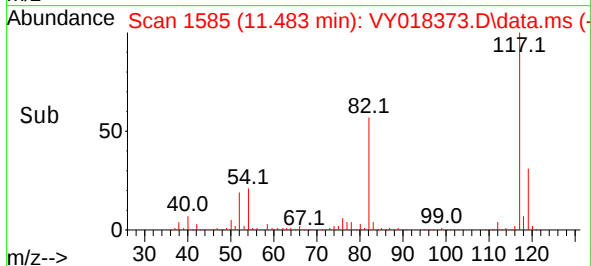
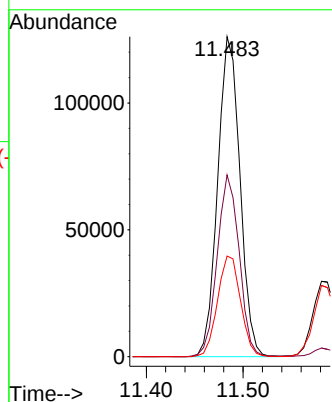
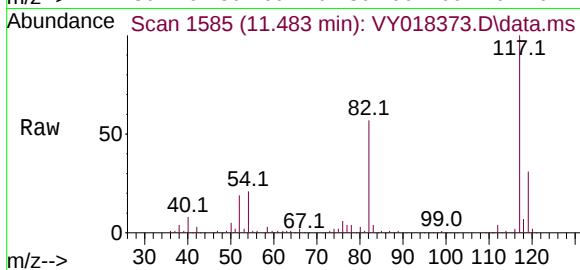
Tgt Ion:117 Resp: 201619

Ion Ratio Lower Upper

117 100

82 56.8 42.4 63.6

119 31.5 25.9 38.9



#64

Tetrachloroethene

Concen: 48.312 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Tgt Ion:164 Resp: 69097

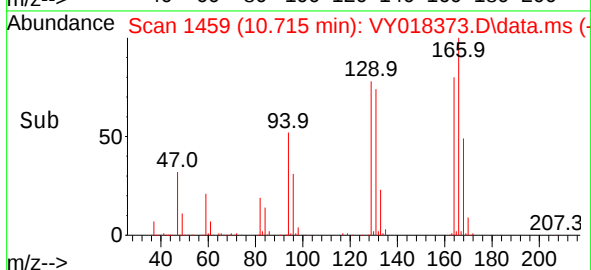
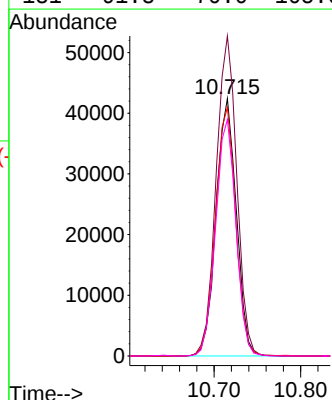
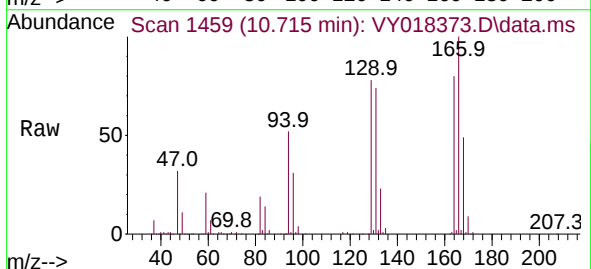
Ion Ratio Lower Upper

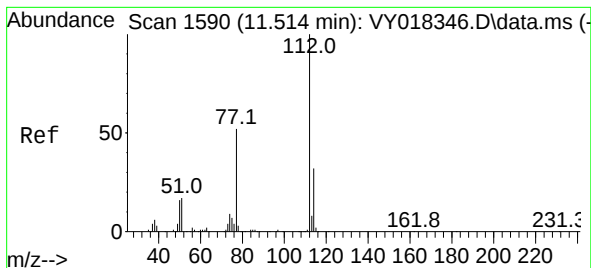
164 100

166 124.3 102.6 154.0

129 96.5 72.0 108.0

131 91.8 70.0 105.0





#65

Chlorobenzene

Concen: 51.282 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

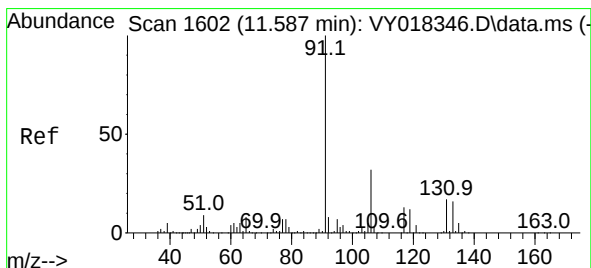
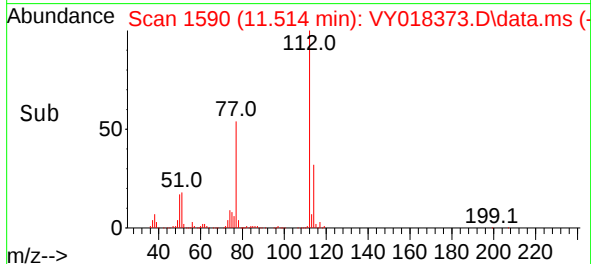
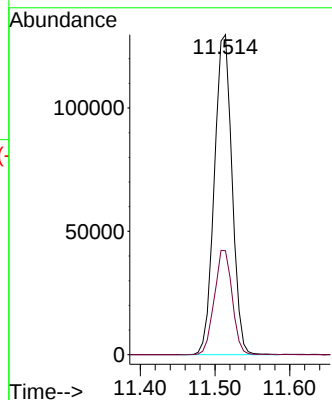
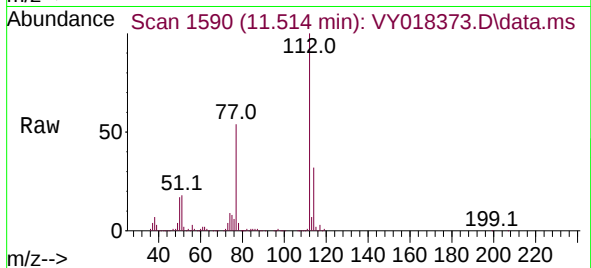
ClientSampleId :

Tgt Ion:112 Resp: 213584

Ion Ratio Lower Upper

112 100

114 32.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.705 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

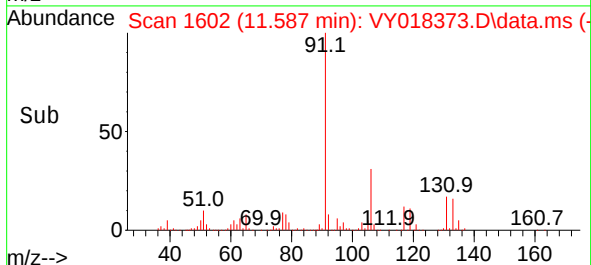
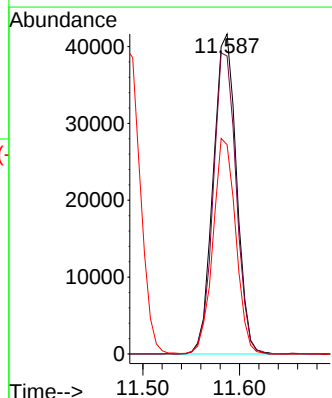
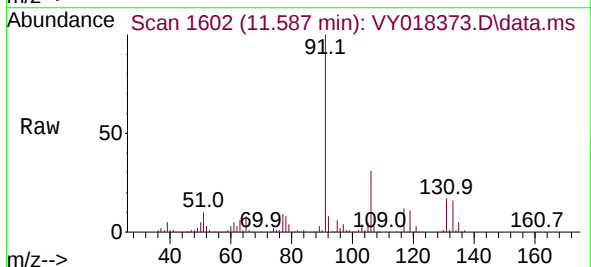
Tgt Ion:131 Resp: 69443

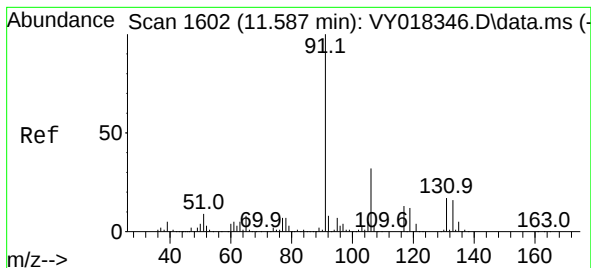
Ion Ratio Lower Upper

131 100

133 92.9 47.8 143.3

119 65.9 34.1 102.2





#67

Ethyl Benzene

Concen: 52.434 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

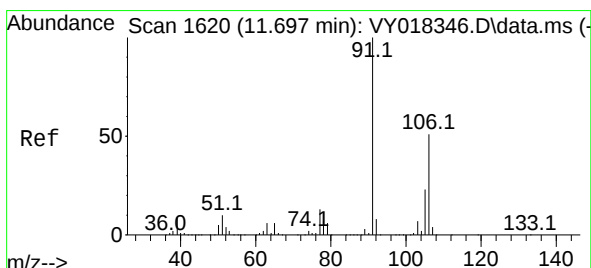
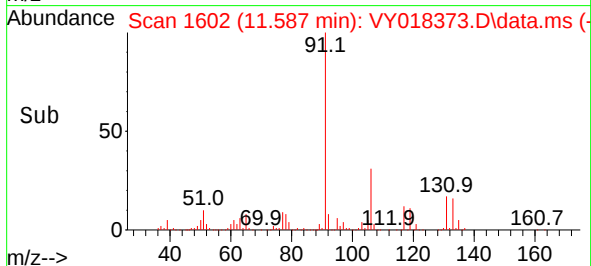
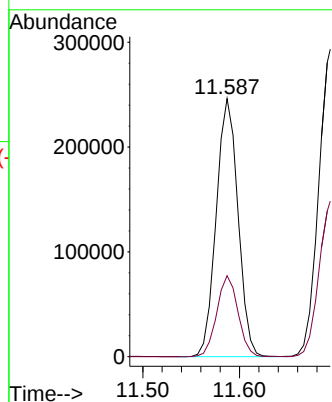
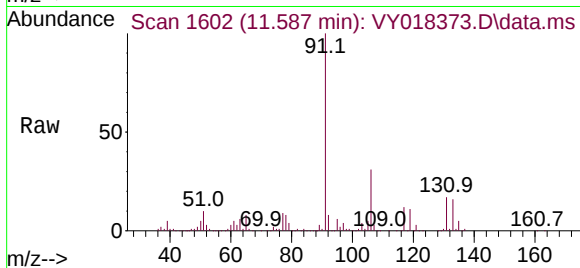
ClientSampleId :

Tgt Ion: 91 Resp: 383520

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 101.975 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018373.D

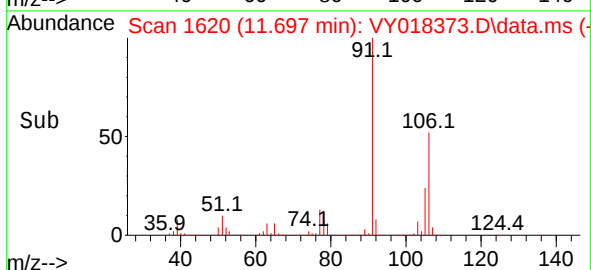
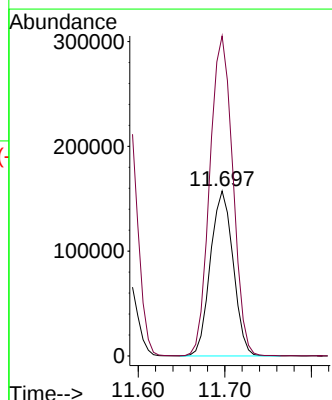
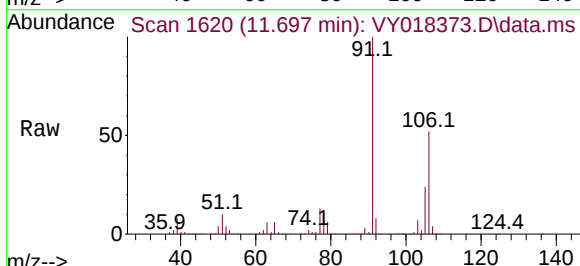
Acq: 24 May 2024 18:40

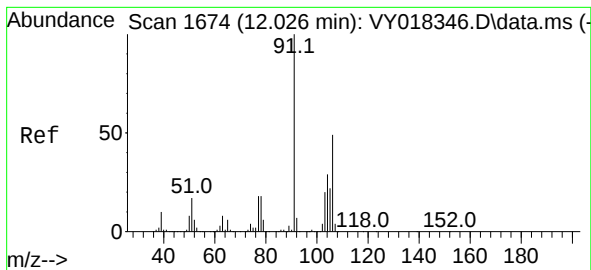
Tgt Ion:106 Resp: 286985

Ion Ratio Lower Upper

106 100

91 196.5 156.0 234.0





#69

o-Xylene

Concen: 51.138 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

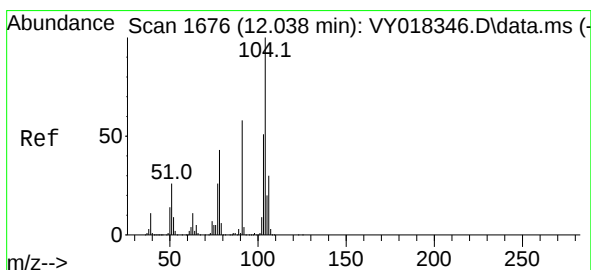
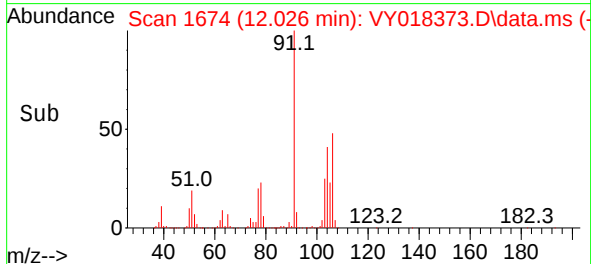
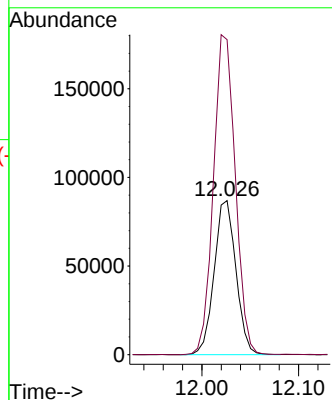
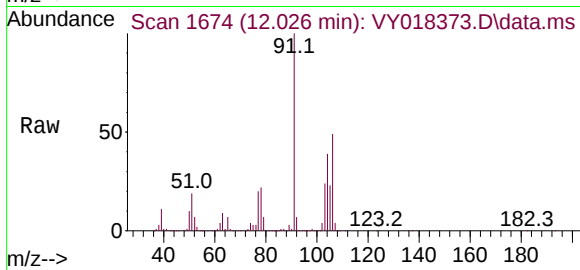
ClientSampleId :

Tgt Ion:106 Resp: 135816

Ion Ratio Lower Upper

106 100

91 208.9 103.6 310.8



#70

Styrene

Concen: 52.386 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

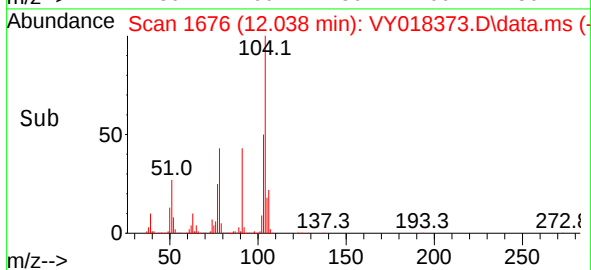
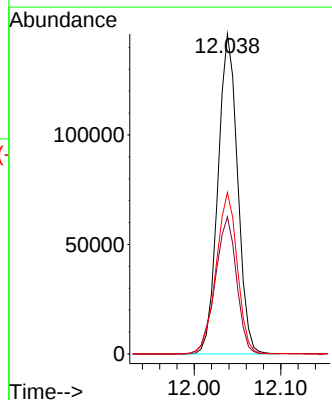
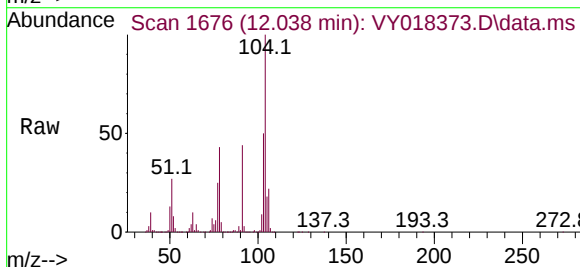
Tgt Ion:104 Resp: 229988

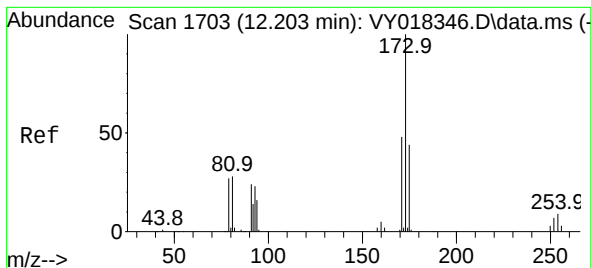
Ion Ratio Lower Upper

104 100

78 46.6 37.0 55.4

103 54.4 44.2 66.2





#71

Bromoform

Concen: 51.615 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :

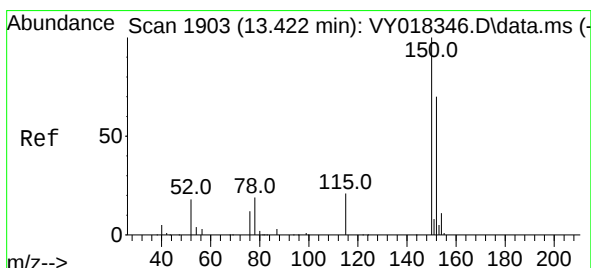
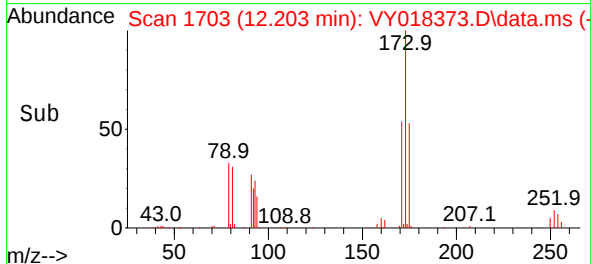
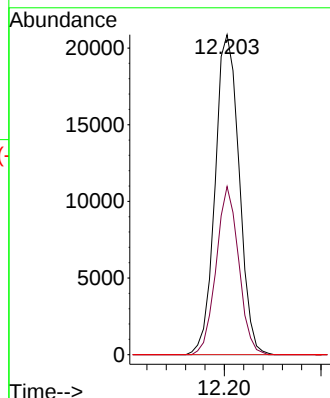
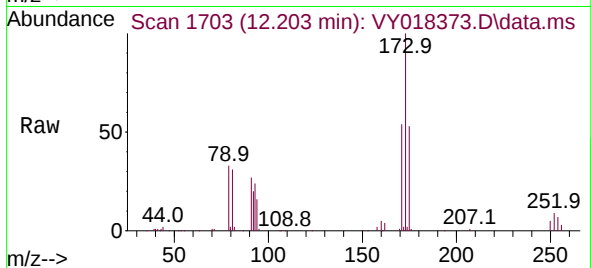
Tgt Ion:173 Resp: 35971

Ion Ratio Lower Upper

173 100

175 49.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

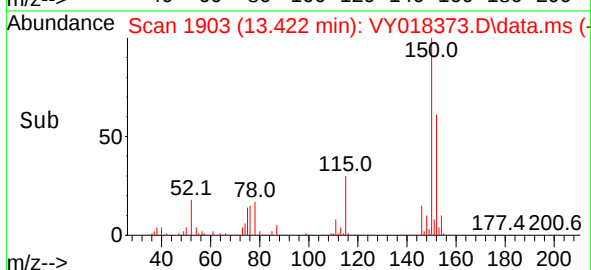
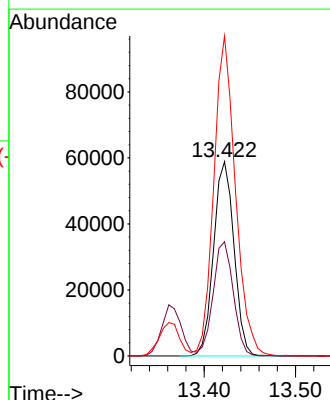
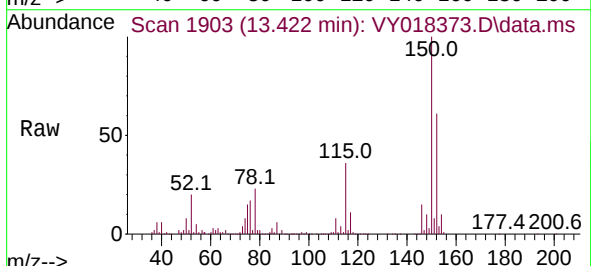
Tgt Ion:152 Resp: 91597

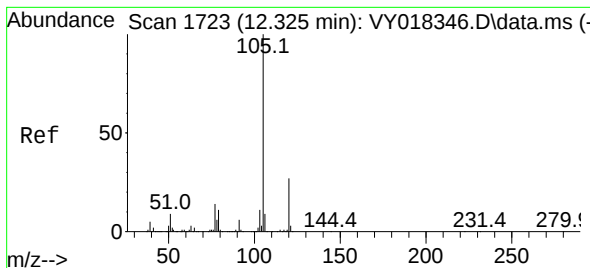
Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 174.4 0.0 345.6





#73

Isopropylbenzene

Concen: 48.999 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

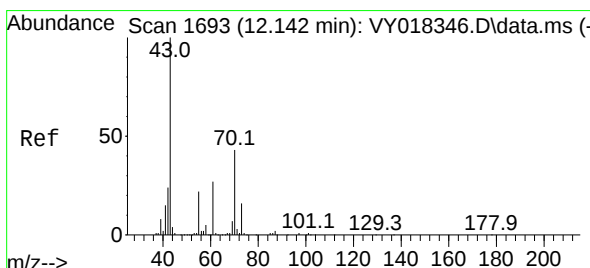
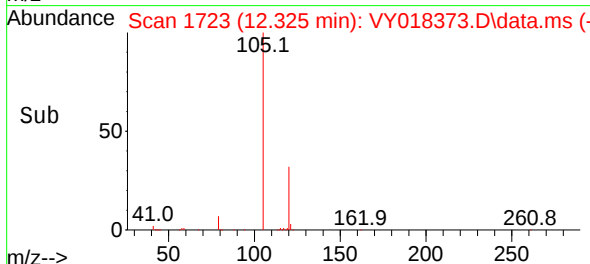
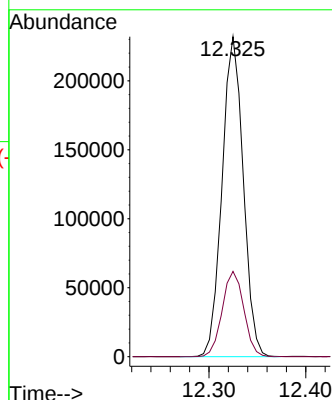
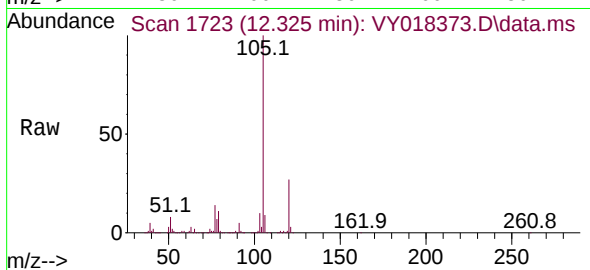
ClientSampleId :

Tgt Ion:105 Resp: 352761

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 48.372 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Tgt Ion: 43 Resp: 81249

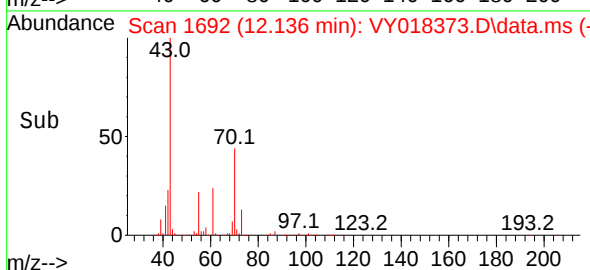
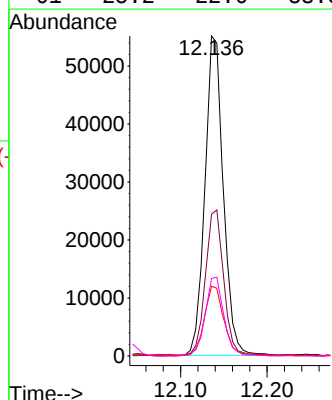
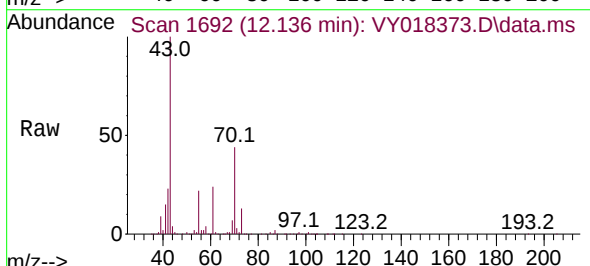
Ion Ratio Lower Upper

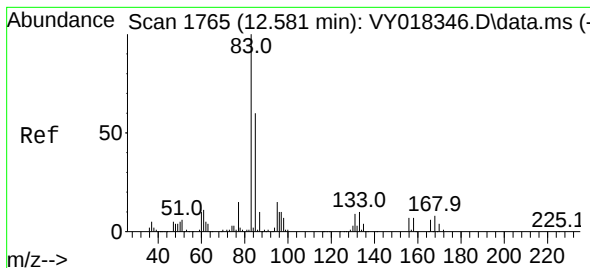
43 100

70 46.0 41.4 62.2

55 23.1 23.3 34.9#

61 25.2 22.6 33.8

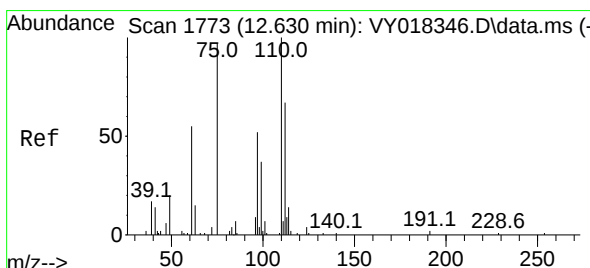
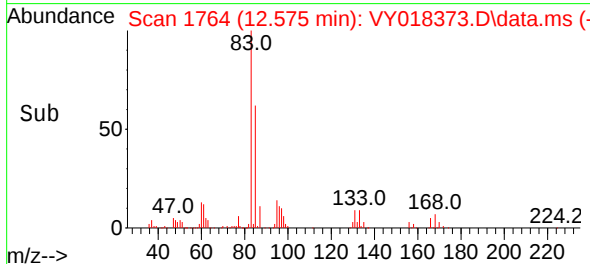
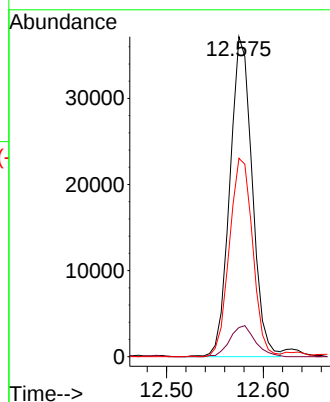
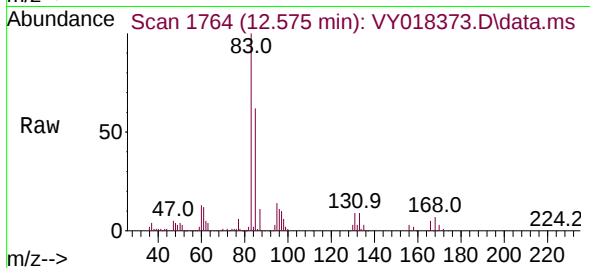




#75
1,1,2,2-Tetrachloroethane
Concen: 48.564 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

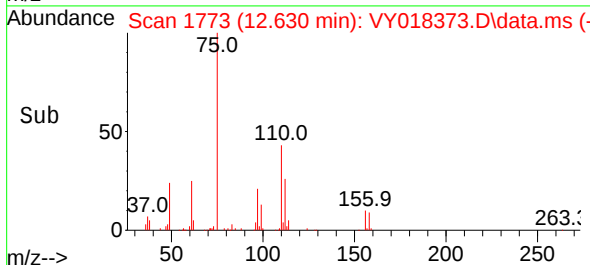
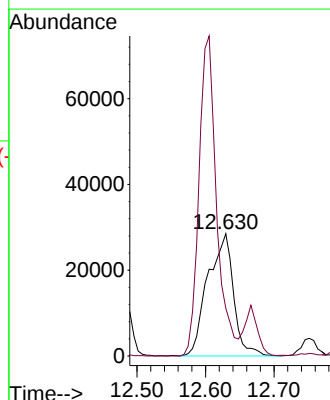
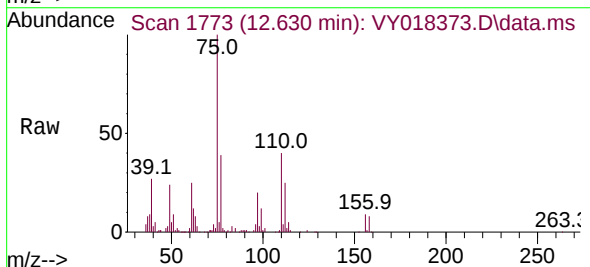
Instrument :
MSVOA_Y
ClientSampleId :

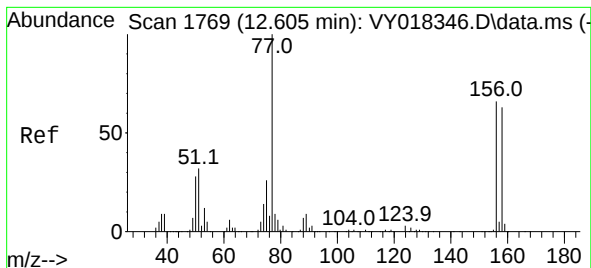
Tgt Ion: 83 Resp: 59574
Ion Ratio Lower Upper
83 100
131 11.0 5.0 14.9
85 64.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 90.407 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion: 75 Resp: 74428
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.217 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :

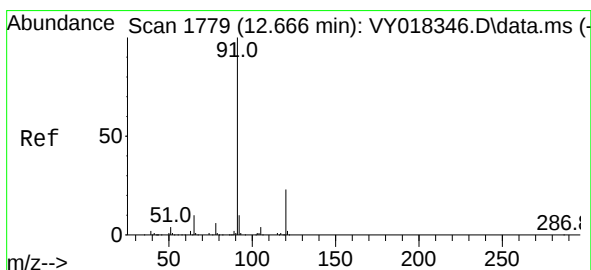
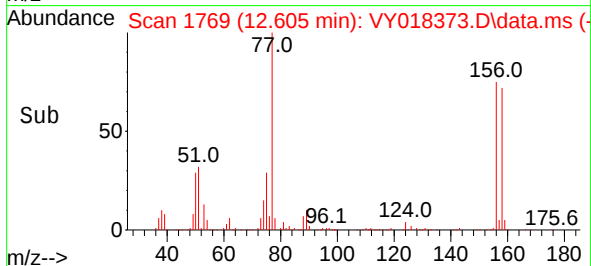
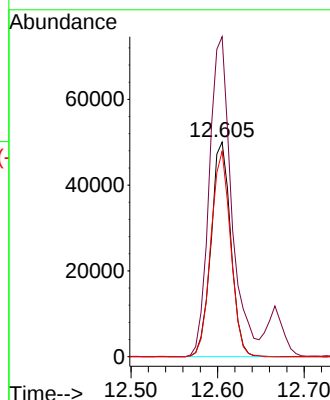
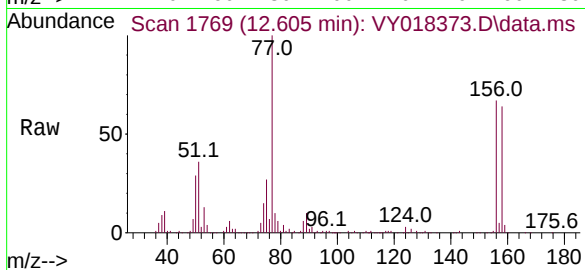
Tgt Ion:156 Resp: 79182

Ion Ratio Lower Upper

156 100

77 169.0 87.1 261.3

158 95.6 48.6 145.9



#78

n-propylbenzene

Concen: 47.890 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018373.D

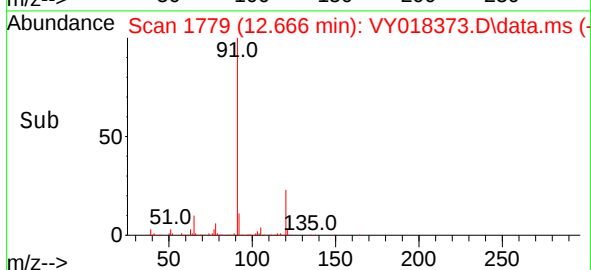
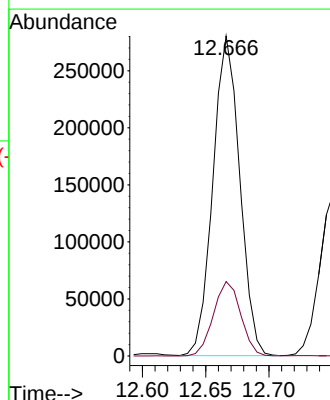
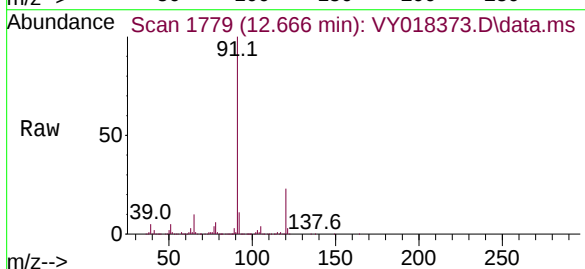
Acq: 24 May 2024 18:40

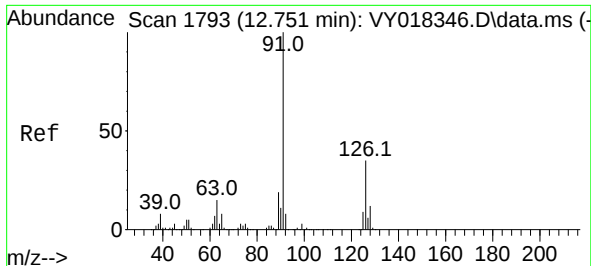
Tgt Ion: 91 Resp: 412823

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4

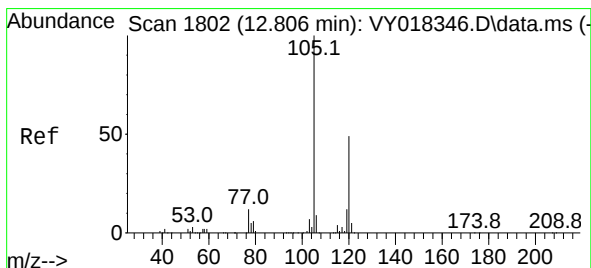
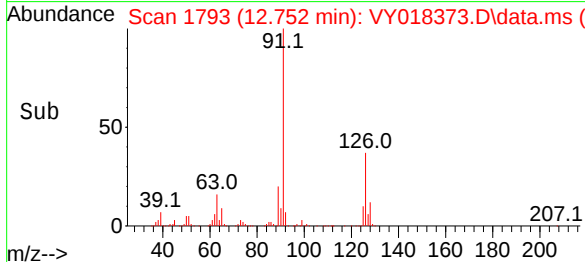
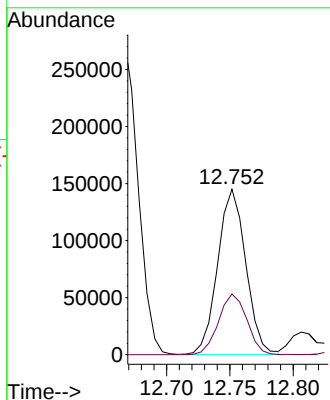
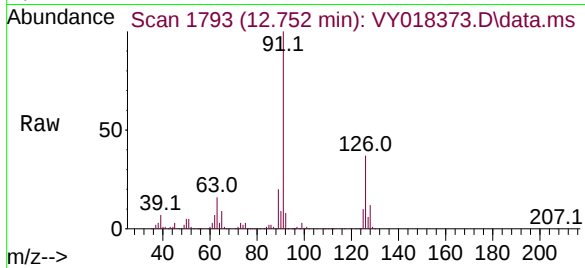




#79
2-Chlorotoluene
Concen: 48.003 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

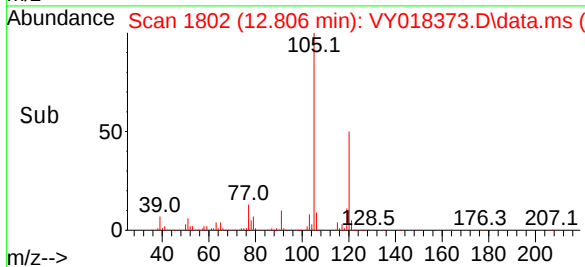
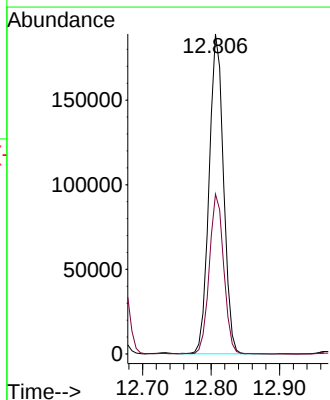
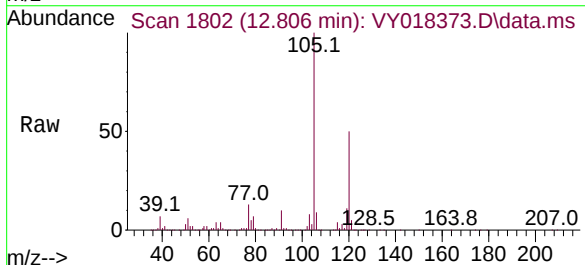
Instrument :
MSVOA_Y
ClientSampleId :

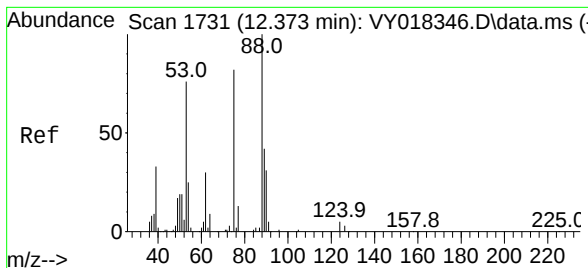
Tgt Ion: 91 Resp: 224026
Ion Ratio Lower Upper
91 100
126 37.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 48.997 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion:105 Resp: 277197
Ion Ratio Lower Upper
105 100
120 50.0 25.1 75.2

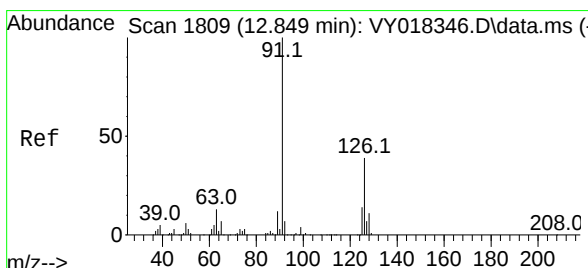
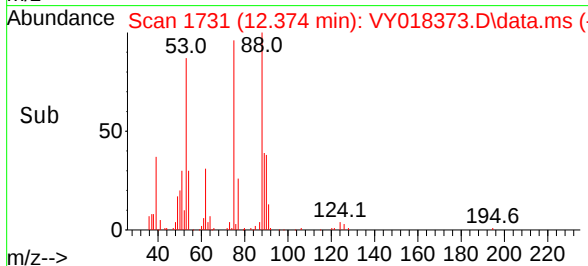
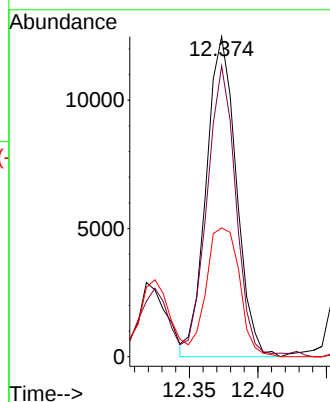
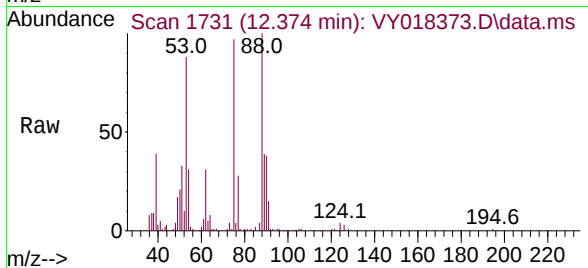




#81
trans-1,4-Dichloro-2-butene
Concen: 47.673 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

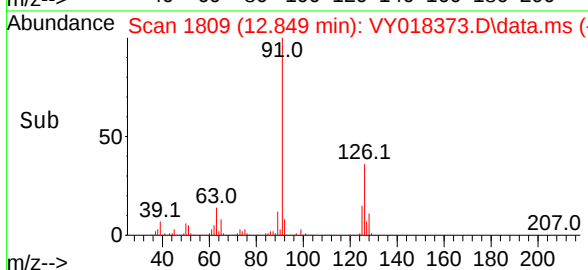
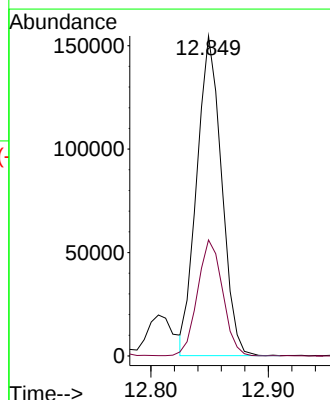
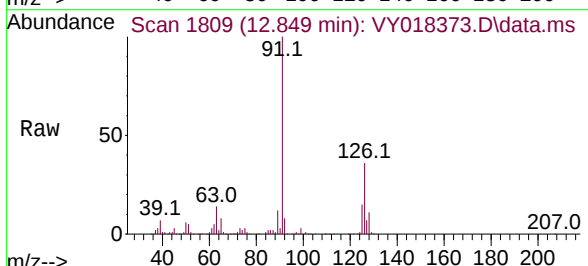
Instrument :
MSVOA_Y
ClientSampleId :

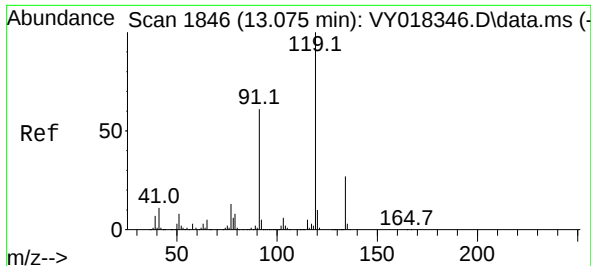
Tgt Ion: 75 Resp: 19075
Ion Ratio Lower Upper
75 100
53 85.2 66.8 100.2
89 44.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.971 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

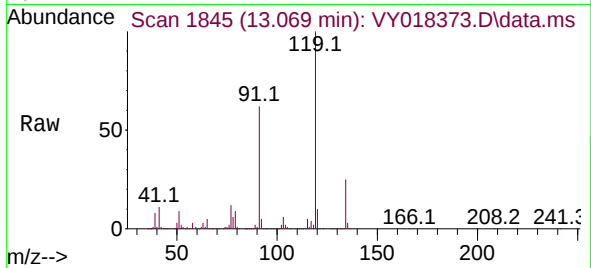
Tgt Ion: 91 Resp: 226992
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9



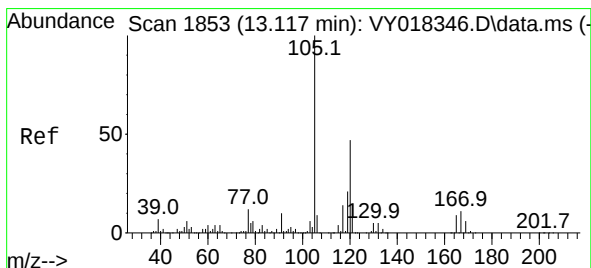
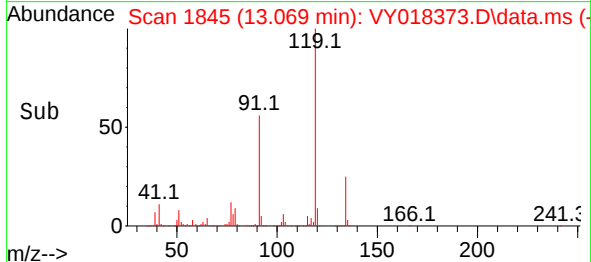
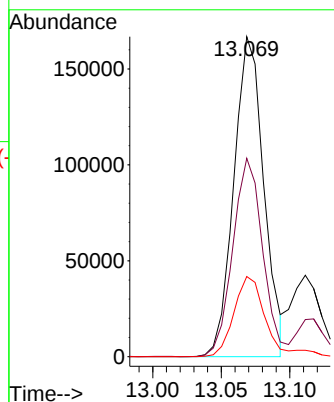


#83
tert-Butylbenzene
Concen: 48.531 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Instrument :
MSVOA_Y
ClientSampleId :

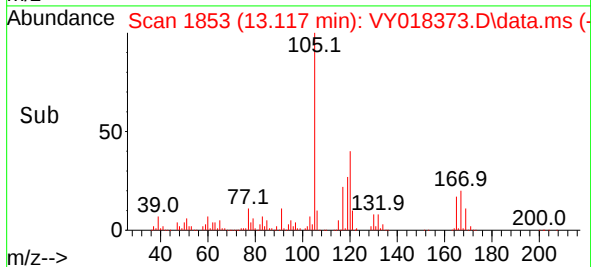
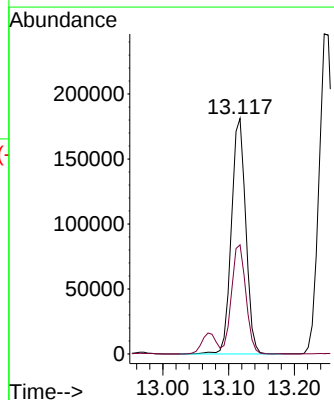
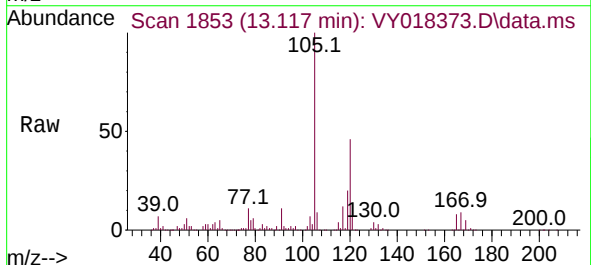


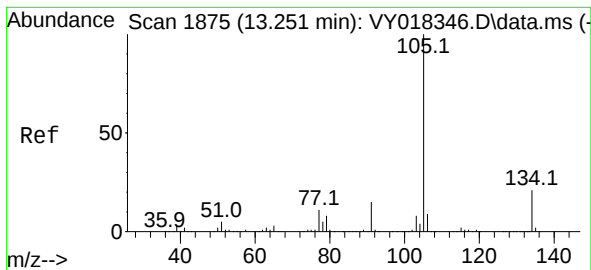
Tgt Ion:119 Resp: 253795
Ion Ratio Lower Upper
119 100
91 62.3 31.3 93.8
134 26.7 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 49.390 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion:105 Resp: 274802
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.467 ug/l

RT: 13.245 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

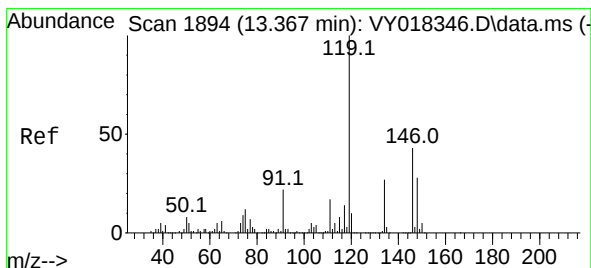
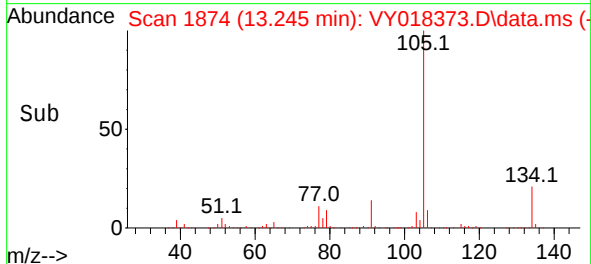
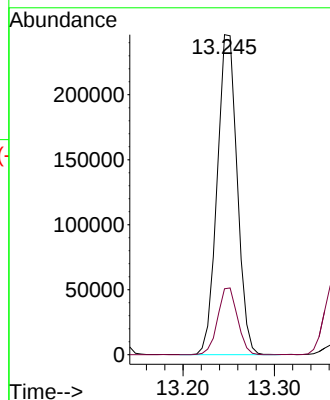
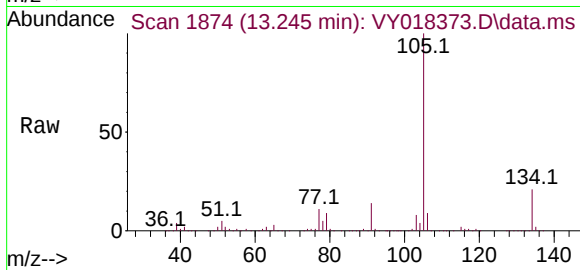
ClientSampleId :

Tgt Ion:105 Resp: 374855

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.600 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

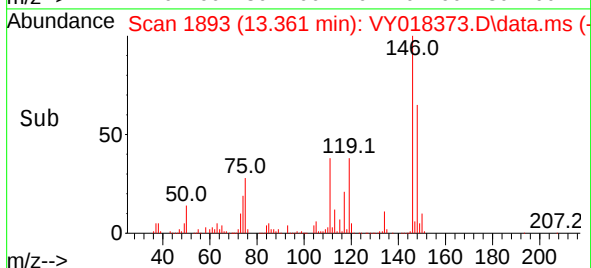
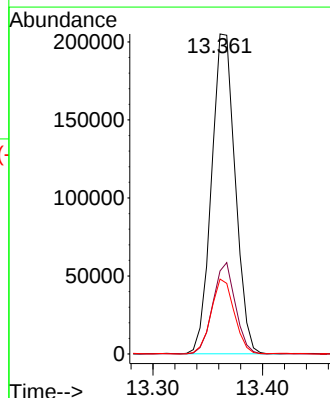
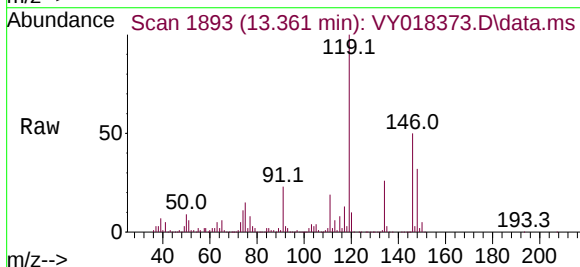
Tgt Ion:119 Resp: 307459

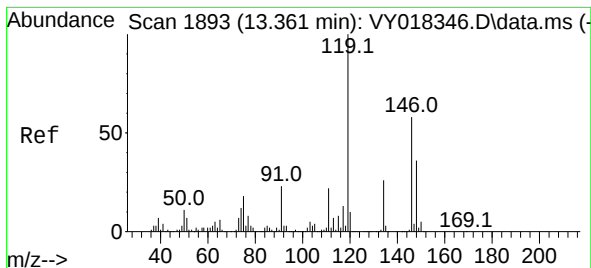
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 22.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 48.988 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :

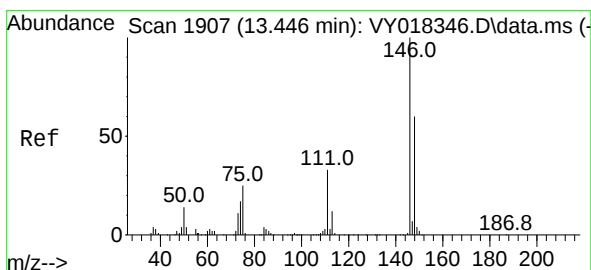
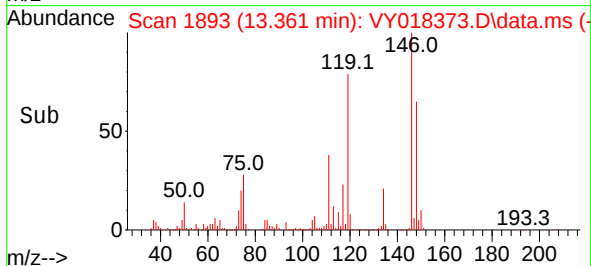
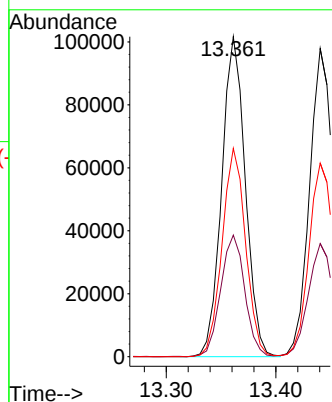
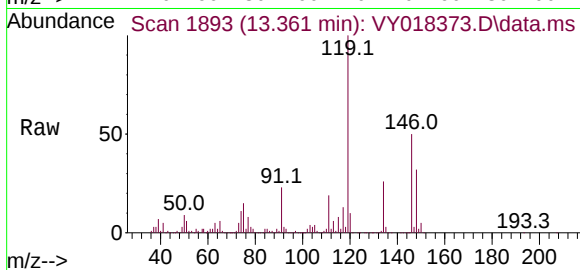
Tgt Ion:146 Resp: 152107

Ion Ratio Lower Upper

146 100

111 38.7 19.0 57.0

148 65.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.262 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

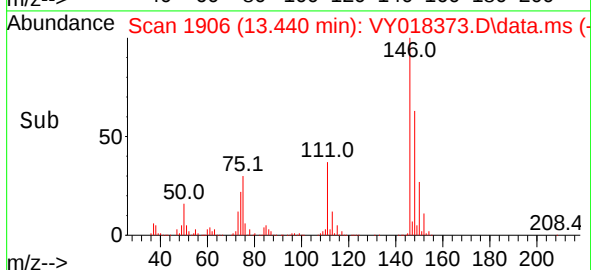
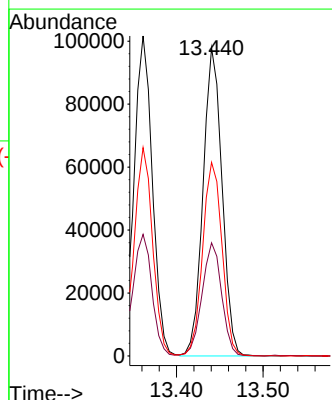
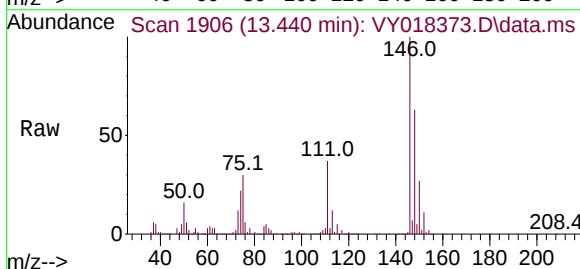
Tgt Ion:146 Resp: 149148

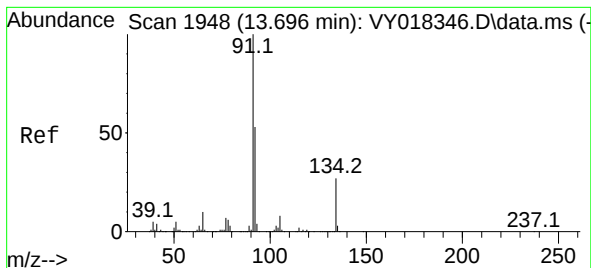
Ion Ratio Lower Upper

146 100

111 38.0 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 47.836 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :

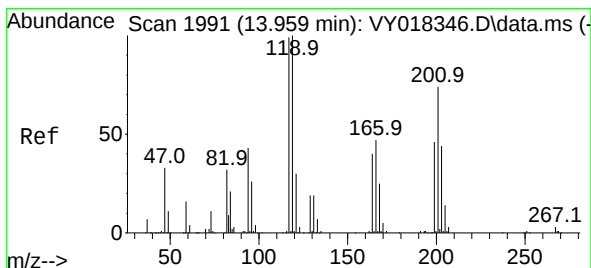
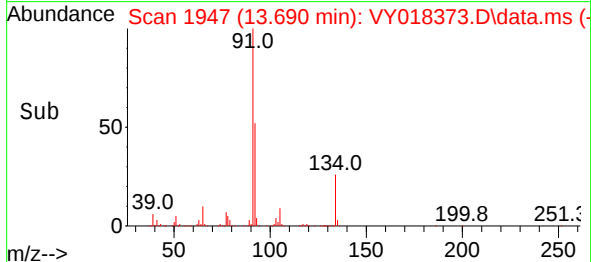
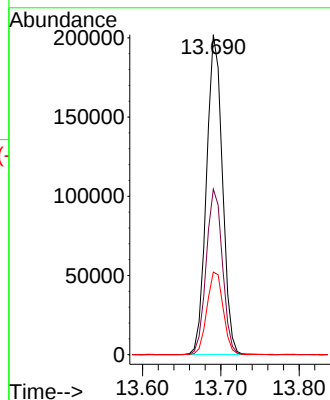
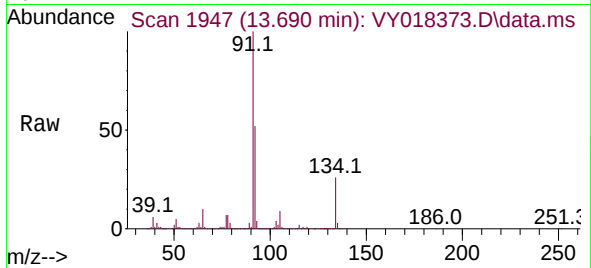
Tgt Ion: 91 Resp: 284389

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 26.5 12.9 38.7



#90

Hexachloroethane

Concen: 48.893 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018373.D

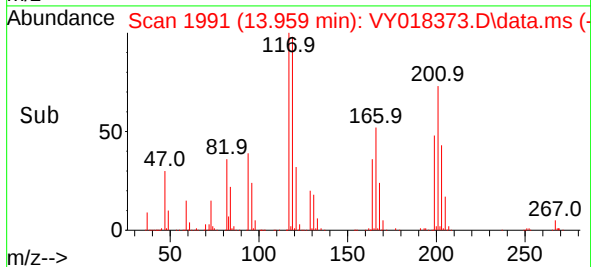
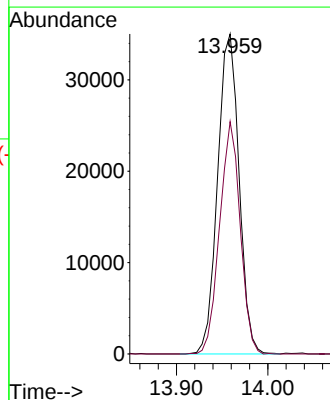
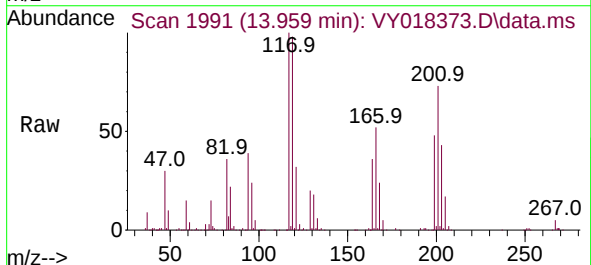
Acq: 24 May 2024 18:40

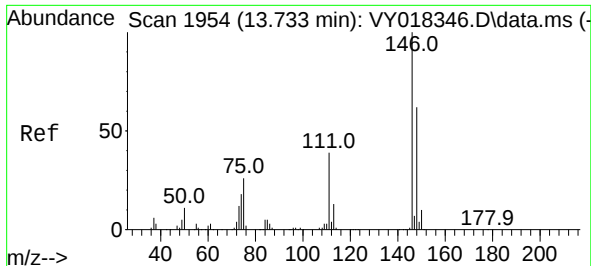
Tgt Ion:117 Resp: 57120

Ion Ratio Lower Upper

117 100

201 69.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 49.946 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :

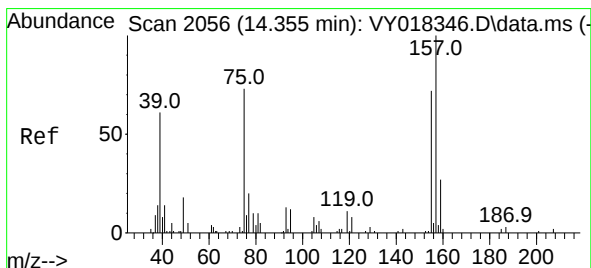
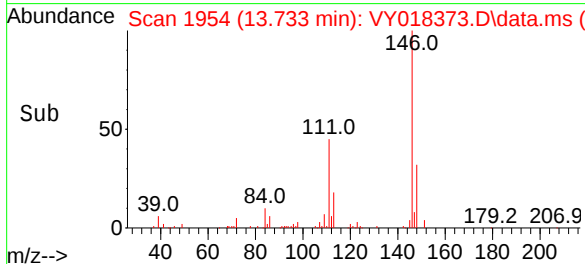
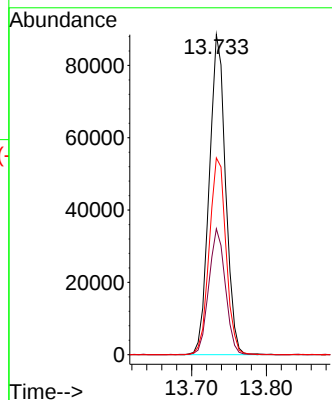
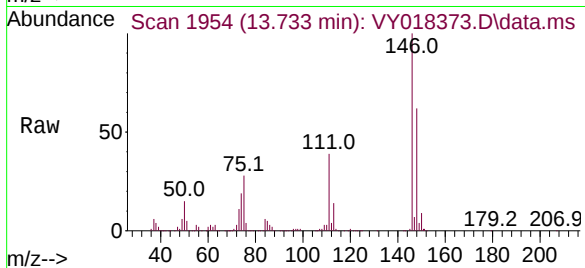
Tgt Ion:146 Resp: 134567

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.7

148 63.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.045 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

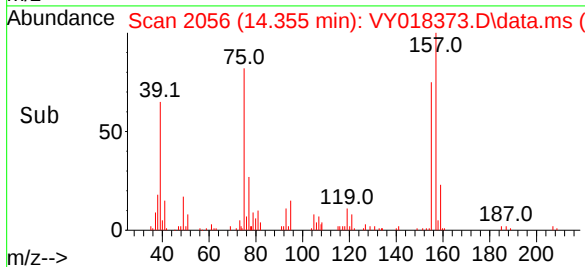
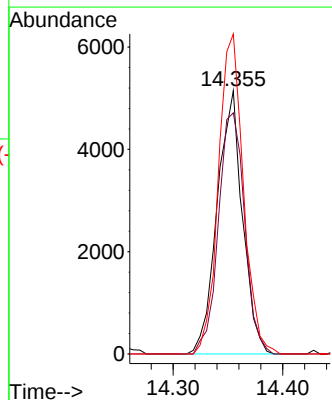
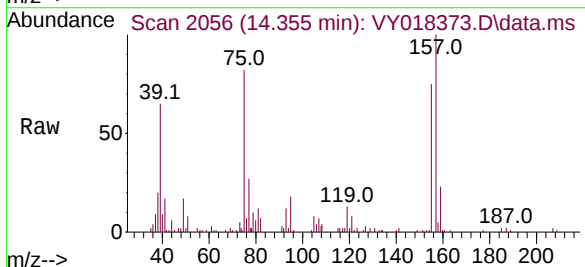
Tgt Ion: 75 Resp: 8252

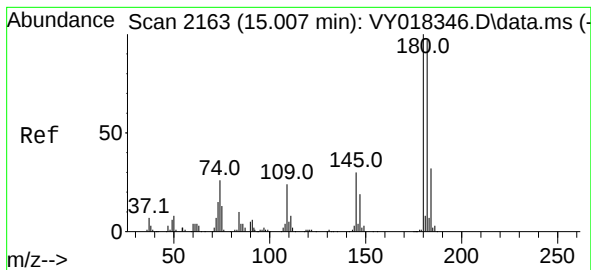
Ion Ratio Lower Upper

75 100

155 94.9 48.6 145.8

157 119.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.239 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

Instrument :

MSVOA_Y

ClientSampleId :

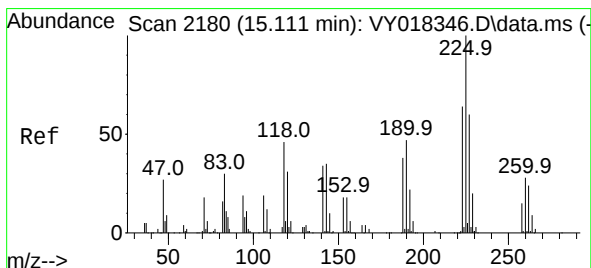
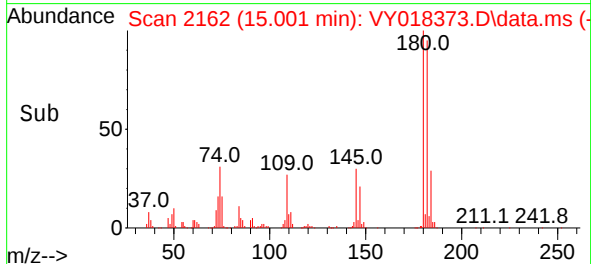
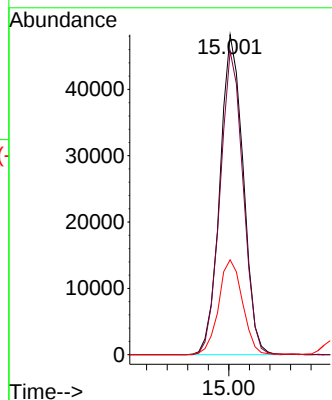
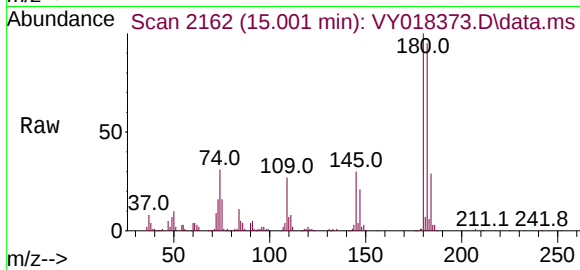
Tgt Ion:180 Resp: 75564

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.8

145 30.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.810 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018373.D

Acq: 24 May 2024 18:40

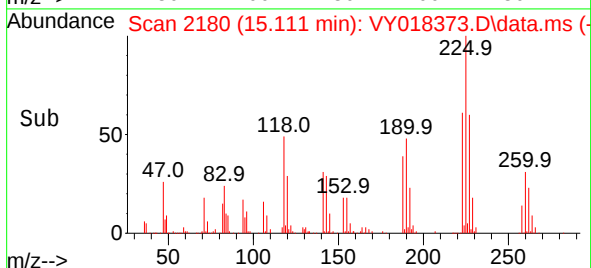
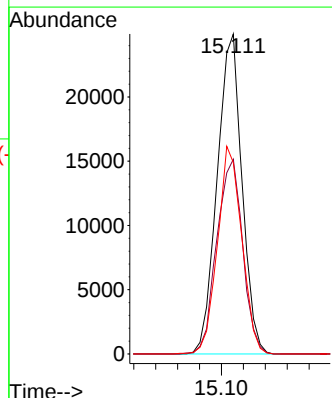
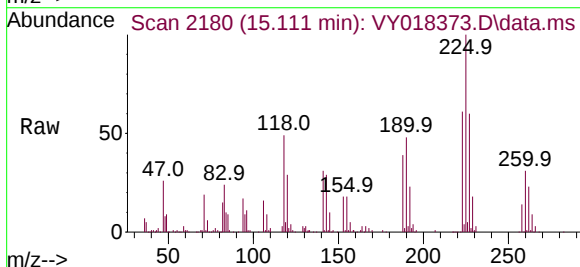
Tgt Ion:225 Resp: 39118

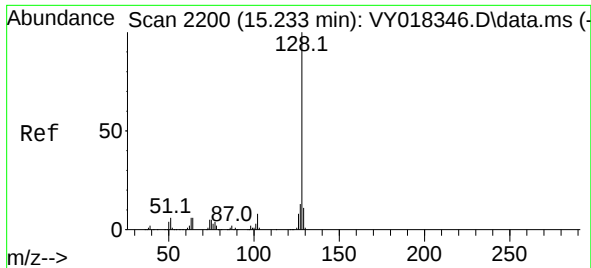
Ion Ratio Lower Upper

225 100

223 63.6 30.4 91.2

227 63.6 31.9 95.9

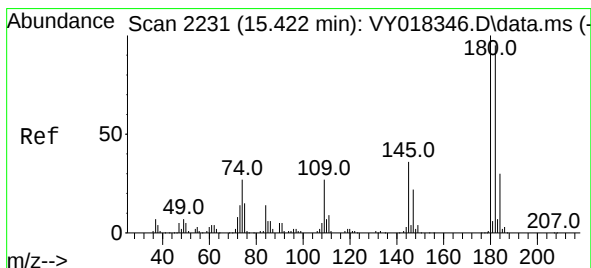
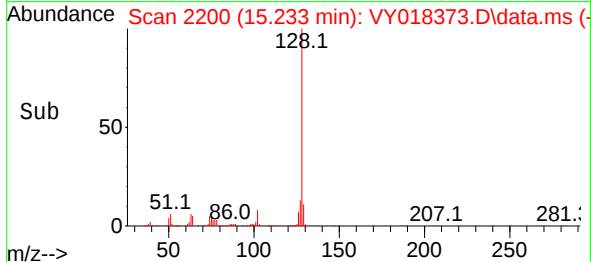
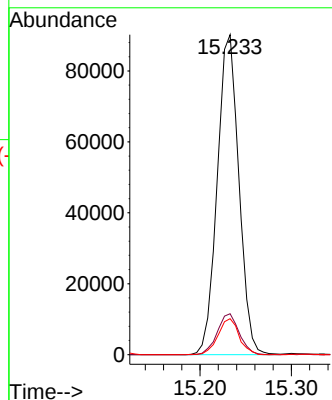
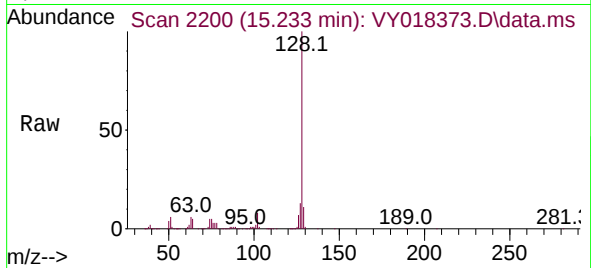




#95
Naphthalene
Concen: 49.210 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 148504
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.828 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY018373.D
Acq: 24 May 2024 18:40

Tgt Ion:180 Resp: 62403
Ion Ratio Lower Upper
180 100
182 98.6 47.6 142.9
145 34.4 15.4 46.1

