

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018249.D
 Acq On : 13 May 2024 18:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:31:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	170878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	305651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	267202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74057	58.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.820%
35) Dibromofluoromethane	7.710	113	82320	51.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.500%
50) Toluene-d8	10.179	98	323864	51.164	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.483	95	99379	48.615	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.220%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	65713	48.492	ug/l	98
3) Chloromethane	2.107	50	103948	57.303	ug/l	99
4) Vinyl Chloride	2.247	62	120047	54.592	ug/l	99
5) Bromomethane	2.644	94	82921	54.297	ug/l	97
6) Chloroethane	2.790	64	78824	56.481	ug/l	96
7) Trichlorofluoromethane	3.119	101	127108	49.348	ug/l	91
8) Diethyl Ether	3.521	74	48090	56.715	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	80825	49.237	ug/l	99
10) Methyl Iodide	4.082	142	101762	53.086	ug/l	99
11) Tert butyl alcohol	4.942	59	35403	323.924	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	85933	52.001	ug/l	96
13) Acrolein	3.723	56	54086	443.800	ug/l	98
14) Allyl chloride	4.473	41	116392	55.364	ug/l	98
15) Acrylonitrile	5.149	53	98484	302.024	ug/l	97
16) Acetone	3.936	43	67045	267.254	ug/l	99
17) Carbon Disulfide	4.186	76	248170	55.163	ug/l	97
18) Methyl Acetate	4.466	43	39523	55.307	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	205550	55.838	ug/l	99
20) Methylene Chloride	4.704	84	102094	57.577	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	94030	53.678	ug/l	94
22) Diisopropyl ether	6.112	45	252956	56.721	ug/l	95
23) Vinyl Acetate	6.051	43	790832	291.760	ug/l	97
24) 1,1-Dichloroethane	6.003	63	151779	55.258	ug/l	99
25) 2-Butanone	6.978	43	110627	275.872	ug/l	96
26) 2,2-Dichloropropane	6.972	77	120697	48.550	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	112364	54.278	ug/l	96
28) Bromochloromethane	7.326	49	64796	59.020	ug/l	99
29) Tetrahydrofuran	7.344	42	76868	290.395	ug/l	95
30) Chloroform	7.502	83	157501	54.926	ug/l	96
31) Cyclohexane	7.777	56	122935	50.282	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	133100	51.787	ug/l	98
36) 1,1-Dichloropropene	7.911	75	111359	48.358	ug/l	99
37) Ethyl Acetate	7.070	43	54145	55.864	ug/l #	97
38) Carbon Tetrachloride	7.893	117	115694	45.980	ug/l	96
39) Methylcyclohexane	9.185	83	150609	45.335	ug/l	99
40) Benzene	8.155	78	376958	50.891	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	27414	48.981	ug/l	98
42) 1,2-Dichloroethane	8.234	62	86421	53.622	ug/l	97
43) Isopropyl Acetate	8.271	43	108368	54.548	ug/l	96
44) Trichloroethene	8.935	130	97260	48.234	ug/l	100
45) 1,2-Dichloropropane	9.216	63	82332	50.841	ug/l	98
46) Dibromomethane	9.301	93	48578	52.181	ug/l	98
47) Bromodichloromethane	9.496	83	117824	51.194	ug/l	95
48) Methyl methacrylate	9.289	41	48560	53.333	ug/l	90
49) 1,4-Dioxane	9.295	88	12713	1028.775	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	272157	272.564	ug/l	95
52) Toluene	10.240	92	239753	50.277	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	107613	50.059	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	133791	50.914	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	67173	52.524	ug/l	96
56) Ethyl methacrylate	10.508	69	90380	52.035	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	110388	53.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	213359	257.251	ug/l	96
59) 2-Hexanone	10.831	43	184964	264.930	ug/l	94
60) Dibromochloromethane	10.984	129	83547	50.352	ug/l	98
61) 1,2-Dibromoethane	11.087	107	62406	51.807	ug/l	100
64) Tetrachloroethene	10.721	164	85014	47.786	ug/l	99
65) Chlorobenzene	11.514	112	262305	48.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	85117	48.353	ug/l	99
67) Ethyl Benzene	11.593	91	436302	47.483	ug/l	96
68) m/p-Xylenes	11.703	106	349220	96.108	ug/l	96
69) o-Xylene	12.032	106	169364	48.569	ug/l	95
70) Styrene	12.044	104	280608	48.186	ug/l	98
71) Bromoform	12.209	173	45612	46.831	ug/l #	99
73) Isopropylbenzene	12.331	105	418121	47.922	ug/l	99
74) N-amyl acetate	12.142	43	95337	52.637	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	72042	51.760	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	87848	94.310	ug/l #	100
77) Bromobenzene	12.611	156	98276	49.030	ug/l	94
78) n-propylbenzene	12.672	91	486240	47.912	ug/l	97
79) 2-Chlorotoluene	12.758	91	269531	47.793	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	330388	48.022	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	23791	49.209	ug/l	97
82) 4-Chlorotoluene	12.855	91	273982	48.366	ug/l	96
83) tert-Butylbenzene	13.075	119	302900	47.731	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	330834	49.089	ug/l	98
85) sec-Butylbenzene	13.251	105	437346	46.983	ug/l	99
86) p-Isopropyltoluene	13.367	119	363866	47.516	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	186963	48.299	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	181132	47.999	ug/l	99
89) n-Butylbenzene	13.696	91	321697	46.419	ug/l	98
90) Hexachloroethane	13.959	117	69602	46.330	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	164097	49.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8993	47.452	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	90818	48.554	ug/l	96
94) Hexachlorobutadiene	15.111	225	47020	45.561	ug/l	97
95) Naphthalene	15.239	128	176235	51.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	74444	48.497	ug/l	99

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QLast Update : Wed May 08 01:40:14 2024
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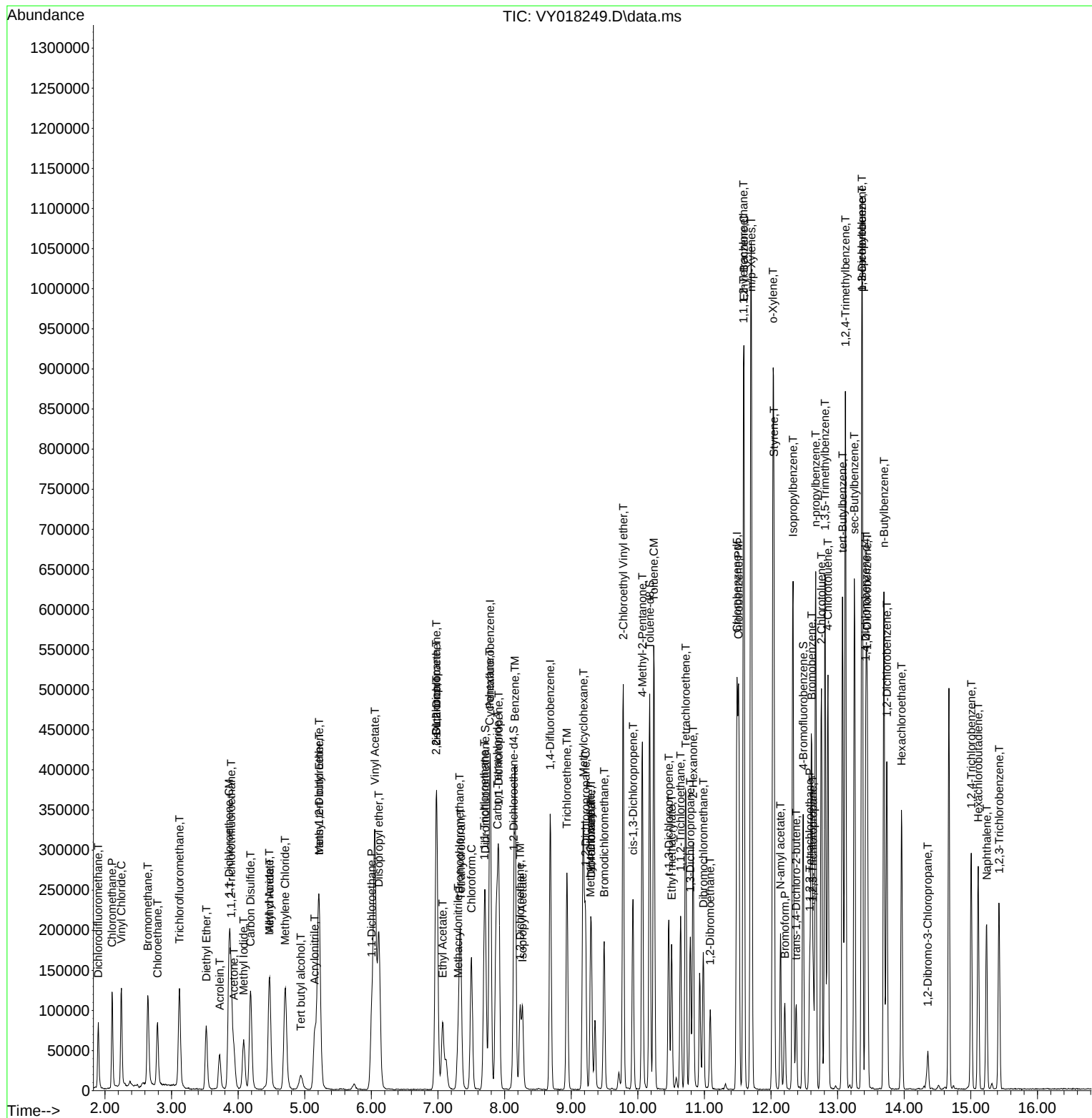
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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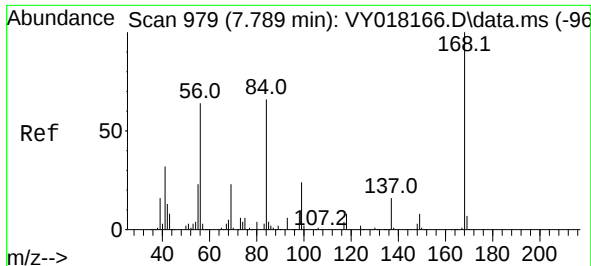
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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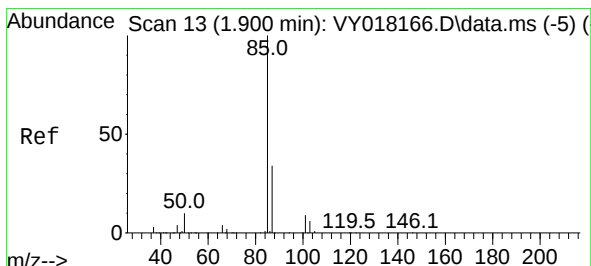
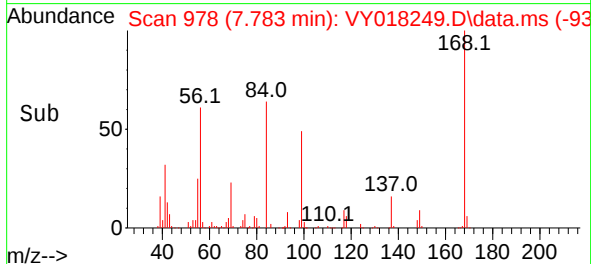
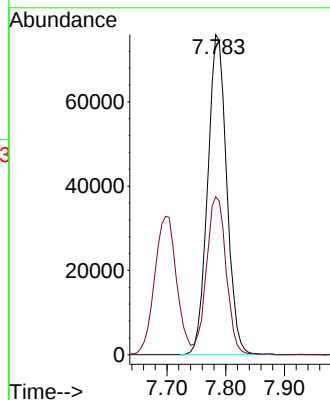
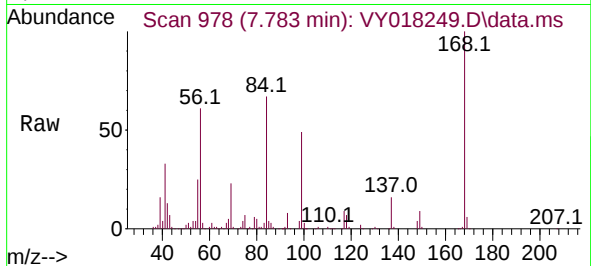




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018249.D
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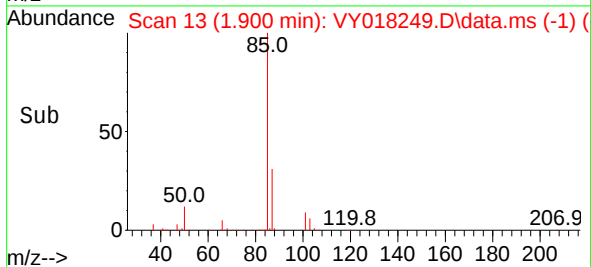
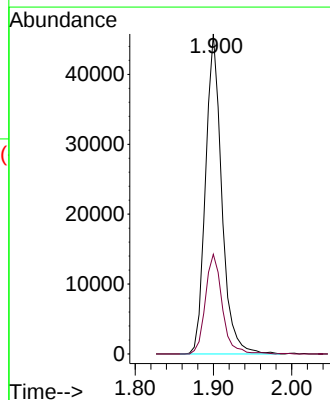
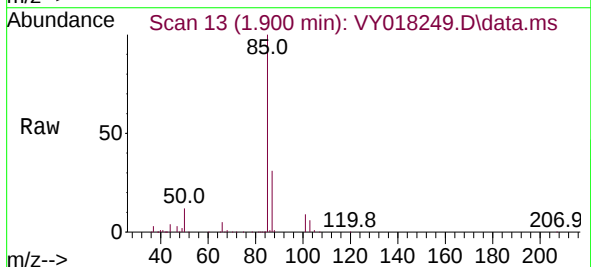
Instrument :
MSVOA_Y
ClientSampleId :

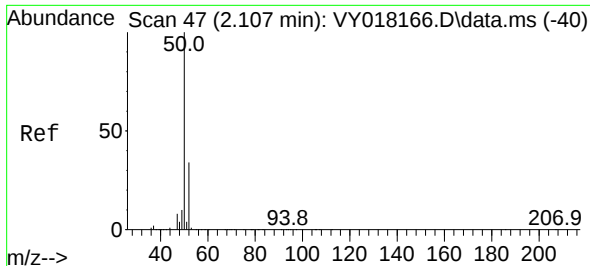
Tgt Ion:168 Resp: 170878
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 48.492 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

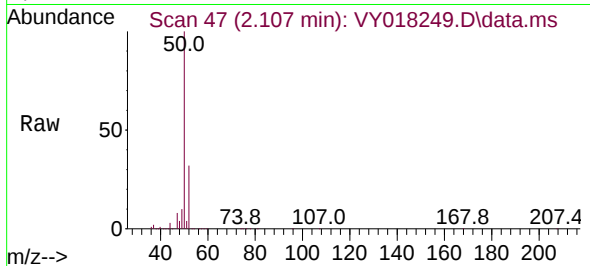
Tgt Ion: 85 Resp: 65713
Ion Ratio Lower Upper
85 100
87 31.1 16.0 48.0



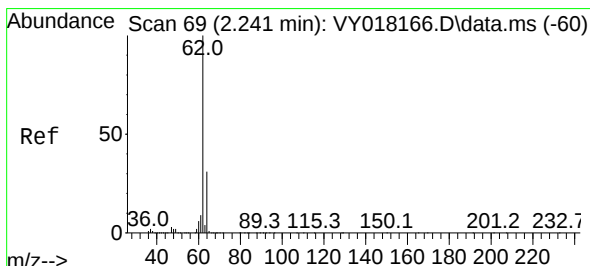
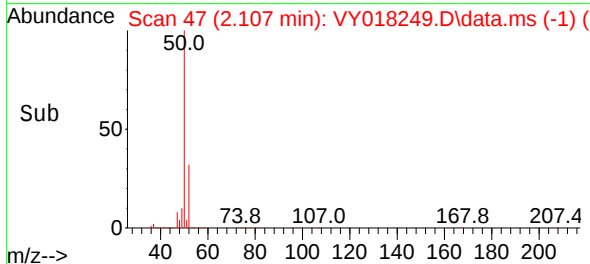
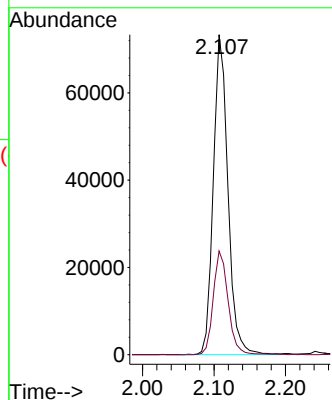


#3
Chloromethane
Concen: 57.303 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

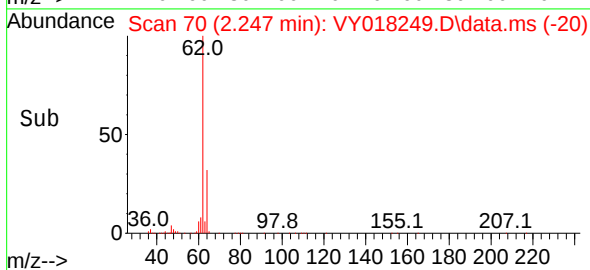
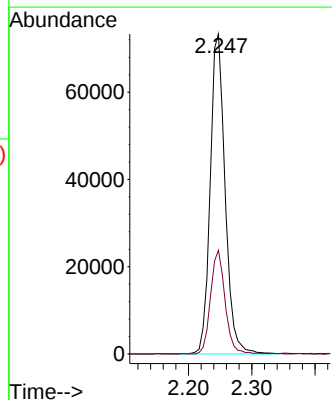
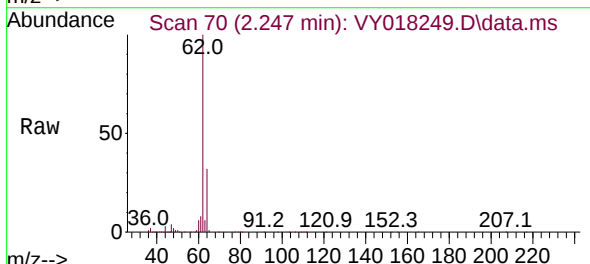


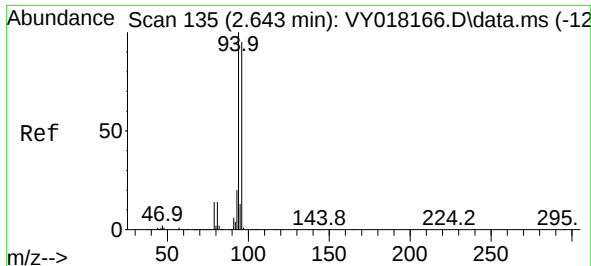
Tgt Ion: 50 Resp: 103948
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4



#4
Vinyl Chloride
Concen: 54.592 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Tgt Ion: 62 Resp: 120047
Ion Ratio Lower Upper
62 100
64 32.3 26.1 39.1





#5

Bromomethane

Concen: 54.297 ug/l

RT: 2.644 min Scan# 14

Delta R.T. 0.000 min

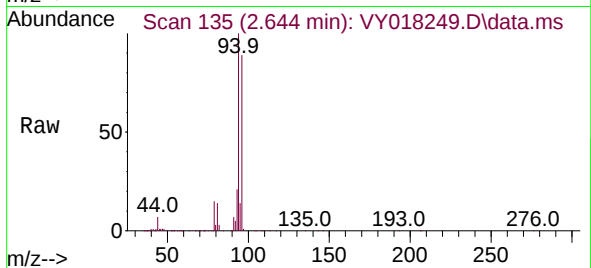
Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

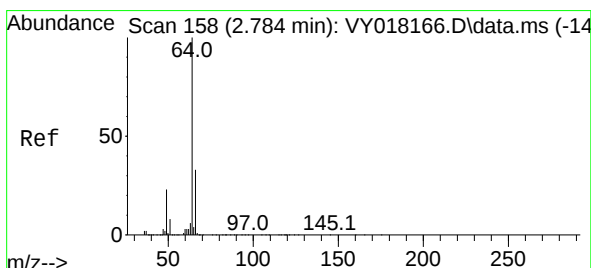
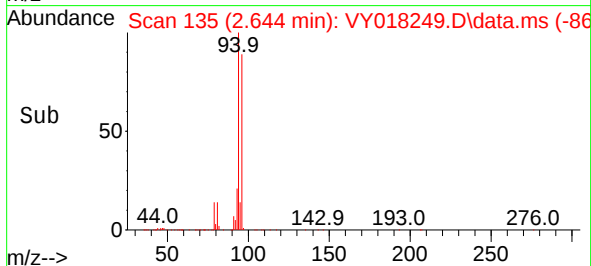
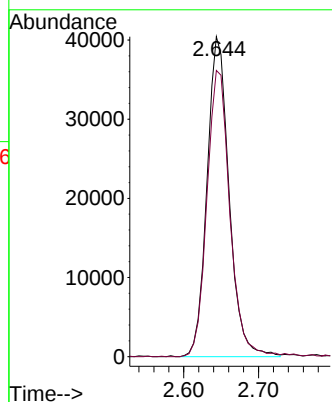


Tgt Ion: 94 Resp: 82921

Ion Ratio Lower Upper

94 100

96 89.5 74.1 111.1



#6

Chloroethane

Concen: 56.481 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY018249.D

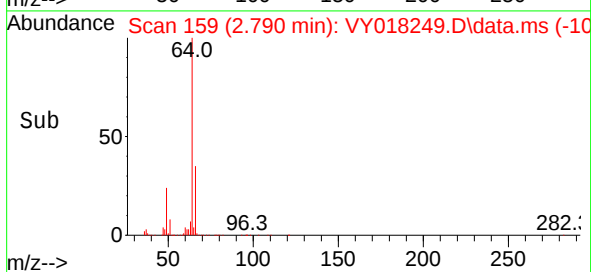
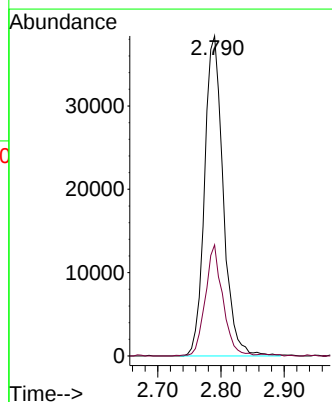
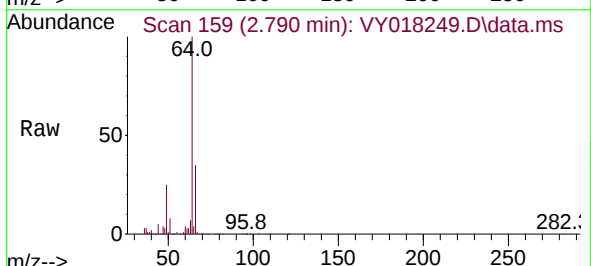
Acq: 13 May 2024 18:10

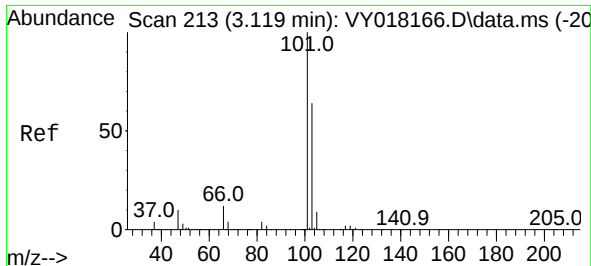
Tgt Ion: 64 Resp: 78824

Ion Ratio Lower Upper

64 100

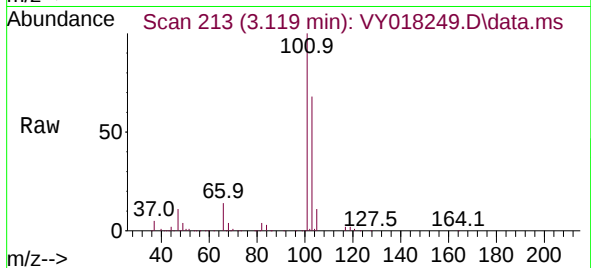
66 34.6 26.1 39.1



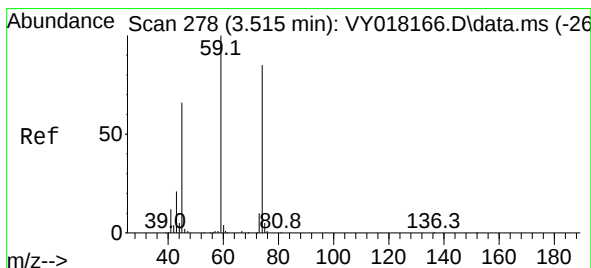
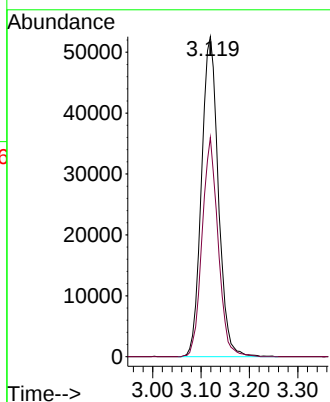
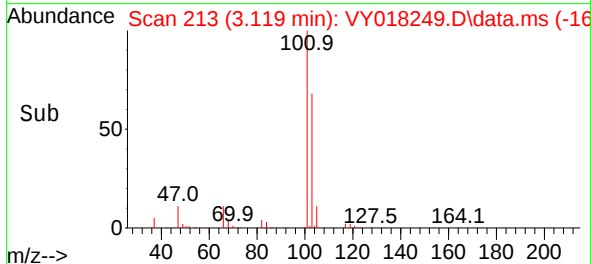


#7
Trichlorofluoromethane
Concen: 49.348 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

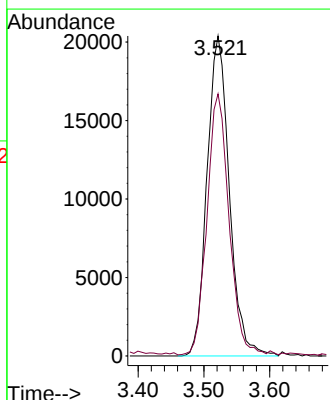
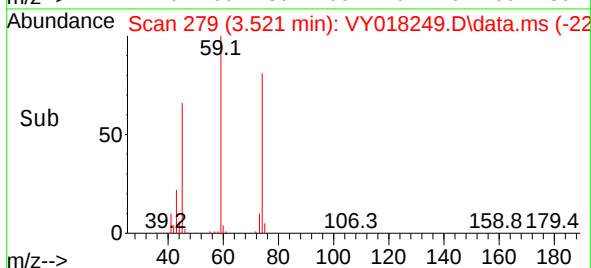
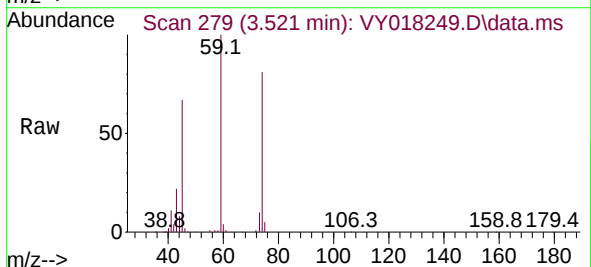


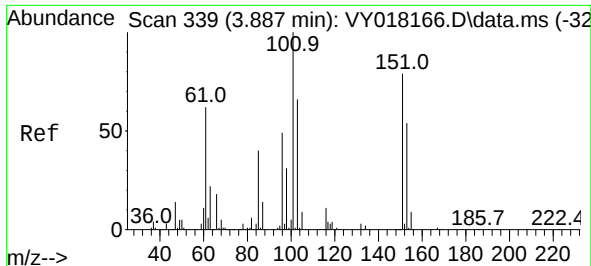
Tgt Ion:101 Resp: 127108
Ion Ratio Lower Upper
101 100
103 68.5 49.3 73.9



#8
Diethyl Ether
Concen: 56.715 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.006 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Tgt Ion: 74 Resp: 48090
Ion Ratio Lower Upper
74 100
45 80.4 41.3 124.1

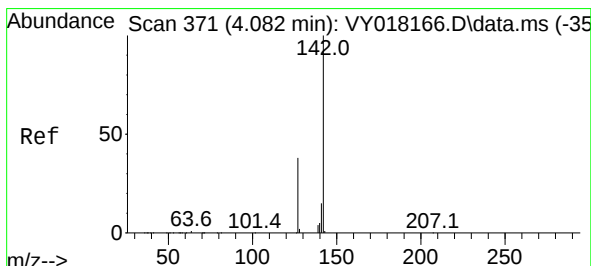
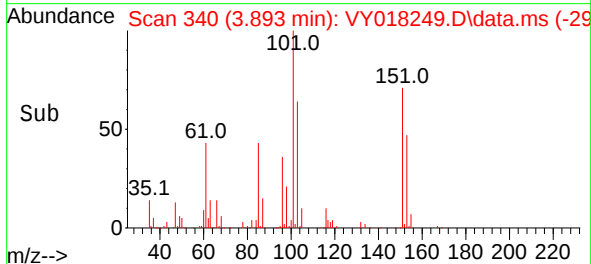
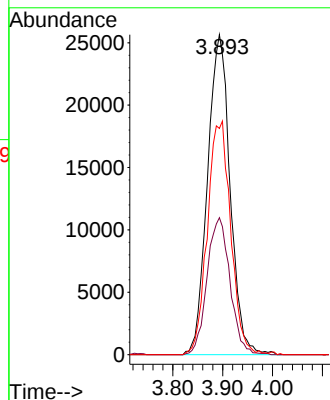
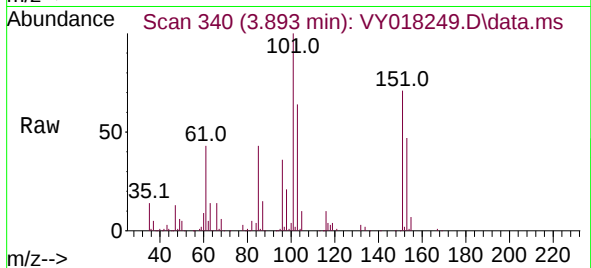




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.237 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

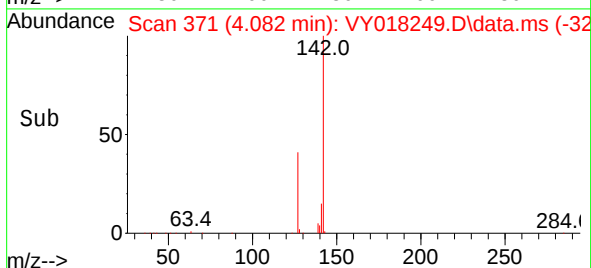
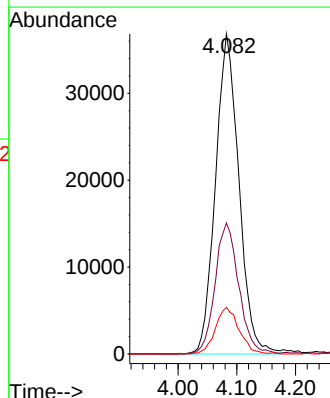
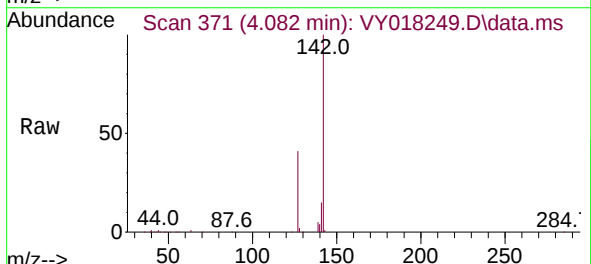
Instrument :
MSVOA_Y
ClientSampleId :

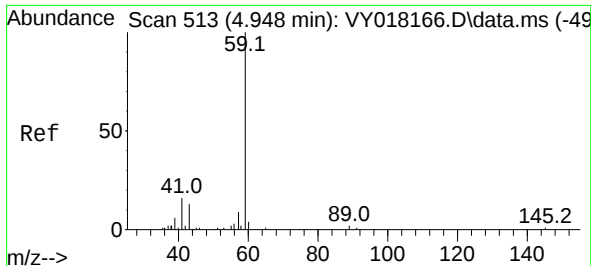
Tgt Ion:101 Resp: 80825
Ion Ratio Lower Upper
101 100
85 43.4 34.5 51.7
151 75.4 61.7 92.5



#10
Methyl Iodide
Concen: 53.086 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Tgt Ion:142 Resp: 101762
Ion Ratio Lower Upper
142 100
127 41.4 32.8 49.2
141 14.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 323.924 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

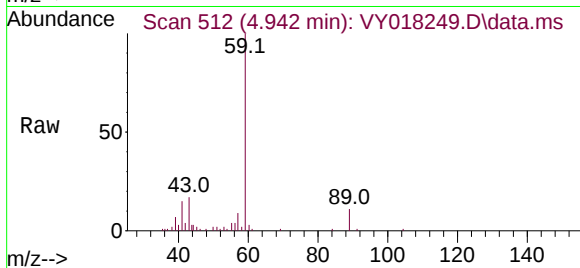
Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

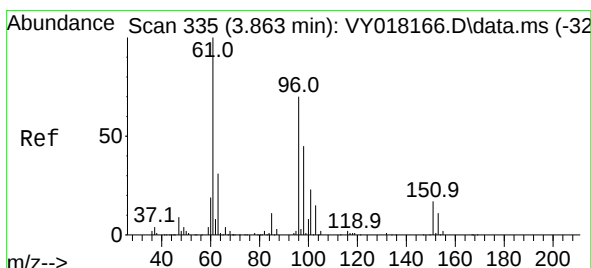
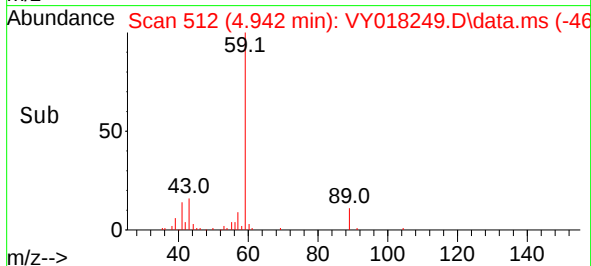
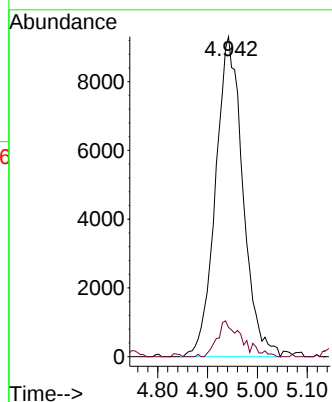


Tgt Ion: 59 Resp: 35403

Ion Ratio Lower Upper

59 100

57 8.7 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 52.001 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

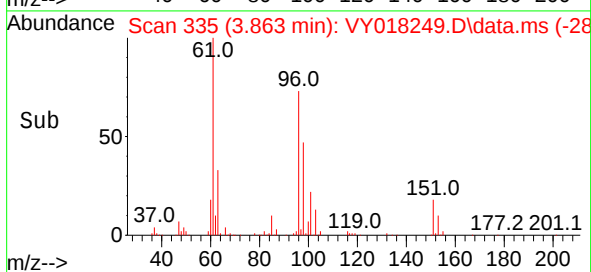
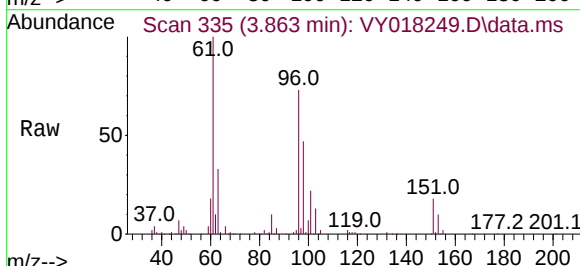
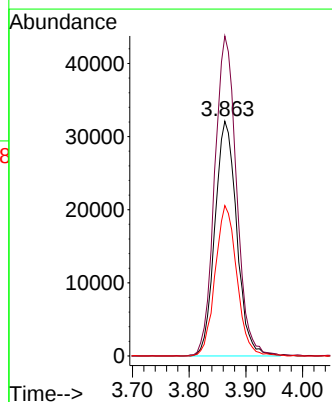
Tgt Ion: 96 Resp: 85933

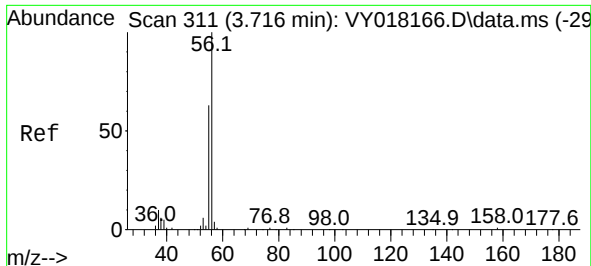
Ion Ratio Lower Upper

96 100

61 136.3 114.6 171.8

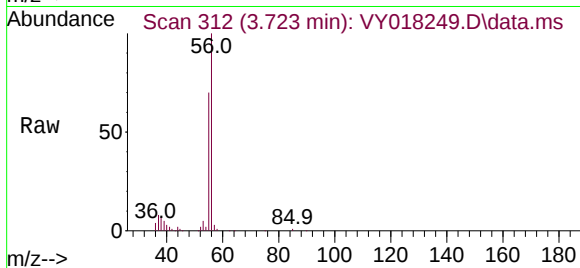
98 64.1 50.8 76.2



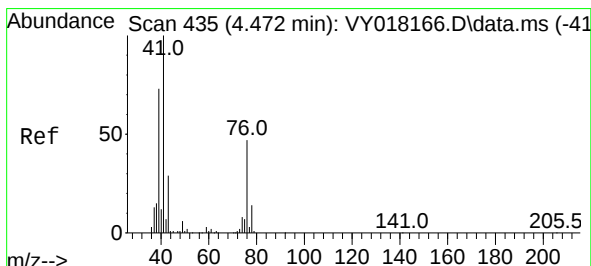
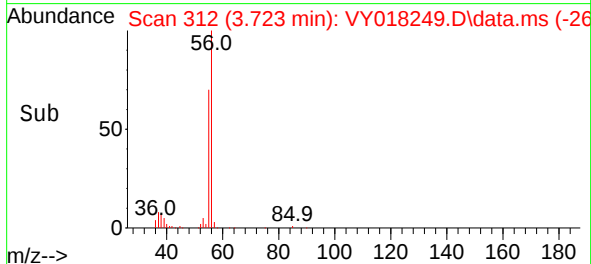
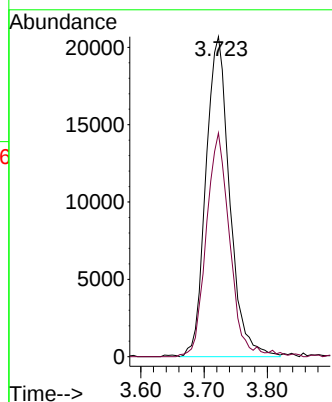


#13
Acrolein
Concen: 443.800 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

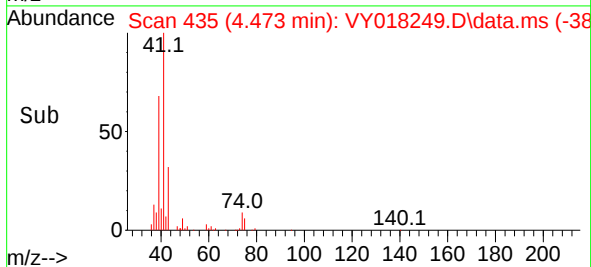
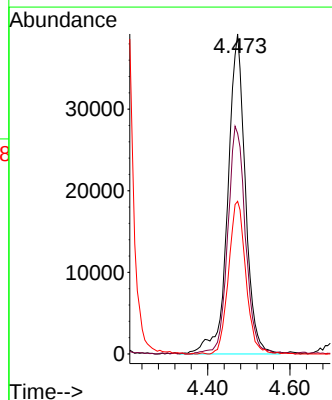
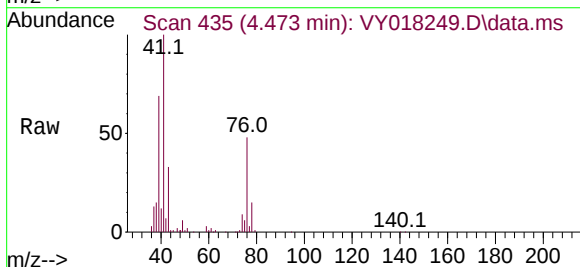


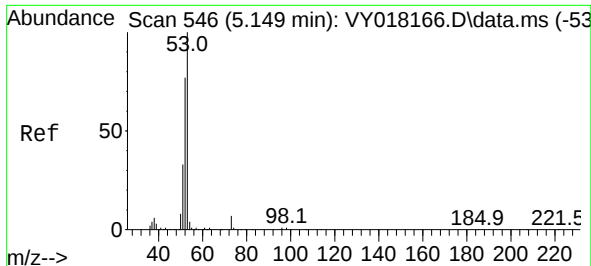
Tgt Ion: 56 Resp: 54086
Ion Ratio Lower Upper
56 100
55 68.3 55.7 83.5



#14
Allyl chloride
Concen: 55.364 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

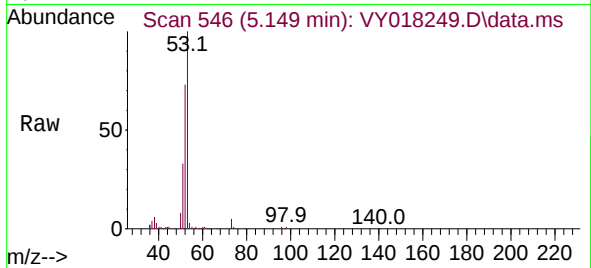
Tgt Ion: 41 Resp: 116392
Ion Ratio Lower Upper
41 100
39 71.6 58.3 87.5
76 46.7 39.0 58.6



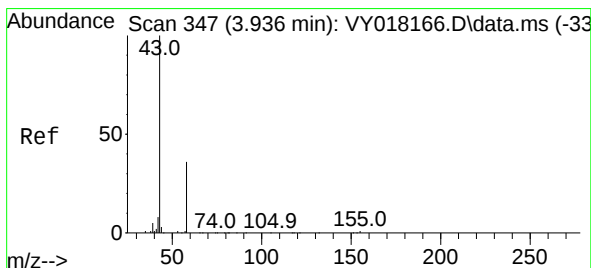
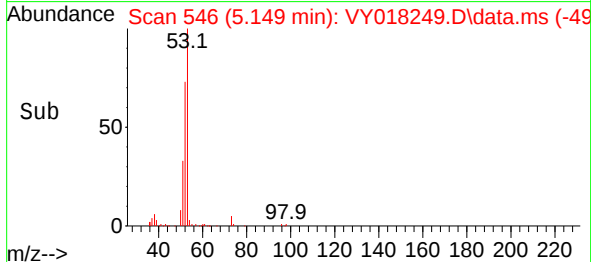
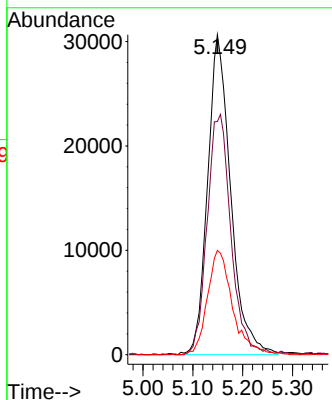


#15
Acrylonitrile
Concen: 302.024 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

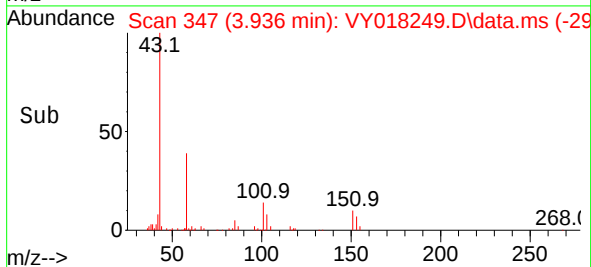
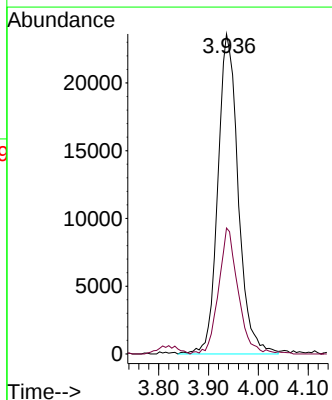
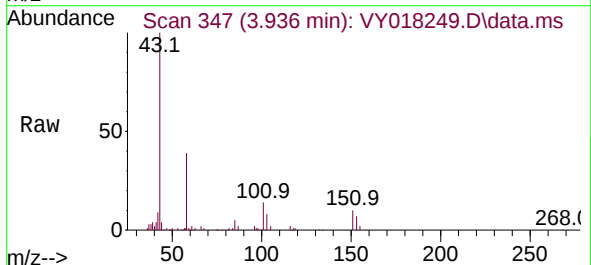


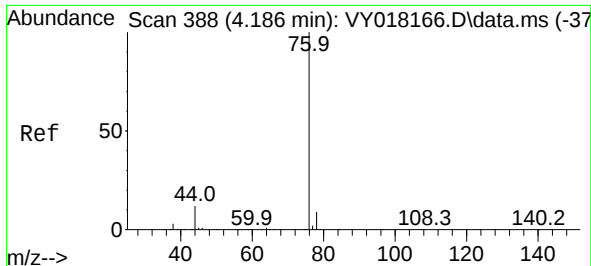
Tgt Ion: 53 Resp: 98484
Ion Ratio Lower Upper
53 100
52 77.3 64.7 97.1
51 35.5 28.4 42.6



#16
Acetone
Concen: 267.254 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Tgt Ion: 43 Resp: 67045
Ion Ratio Lower Upper
43 100
58 38.7 31.7 47.5





#17

Carbon Disulfide

Concen: 55.163 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

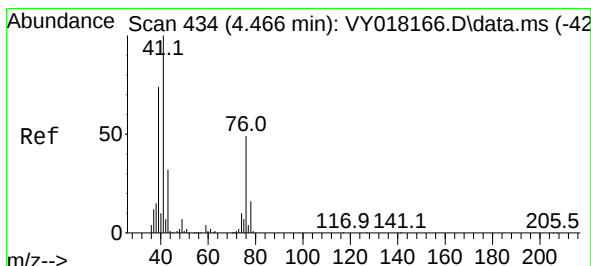
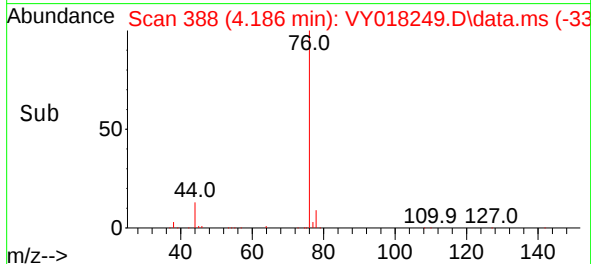
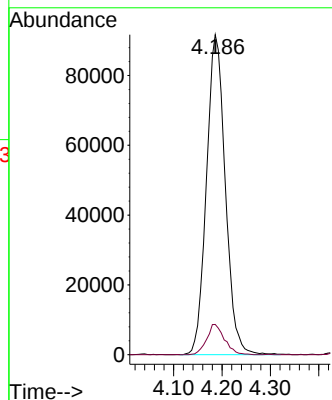
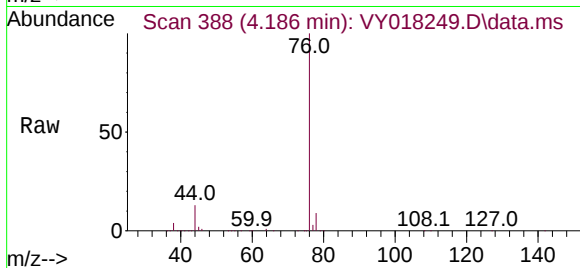
ClientSampleId :

Tgt Ion: 76 Resp: 248170

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2



#18

Methyl Acetate

Concen: 55.307 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018249.D

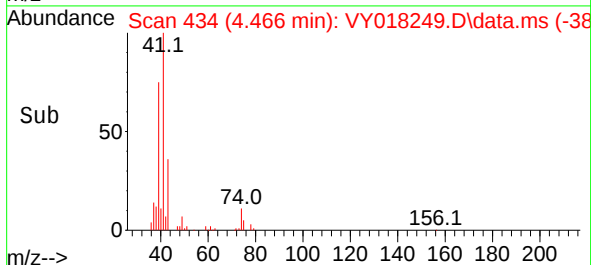
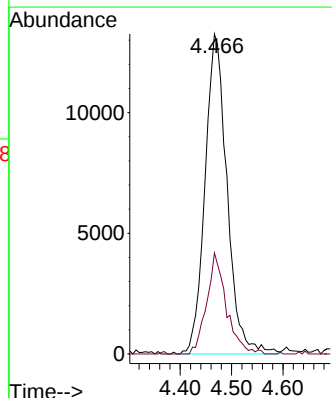
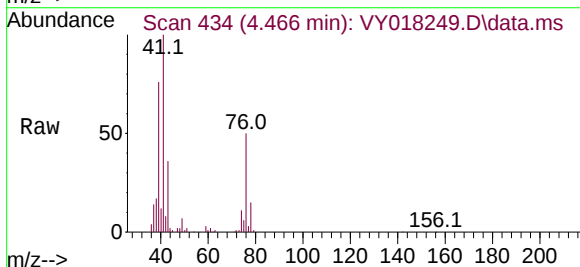
Acq: 13 May 2024 18:10

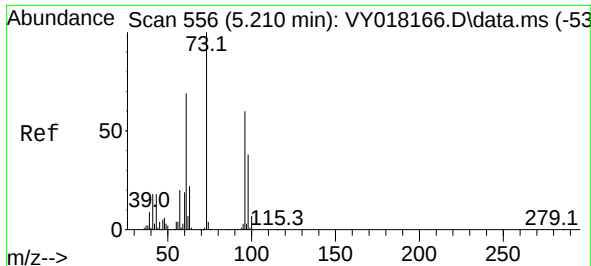
Tgt Ion: 43 Resp: 39523

Ion Ratio Lower Upper

43 100

74 28.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 55.838 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

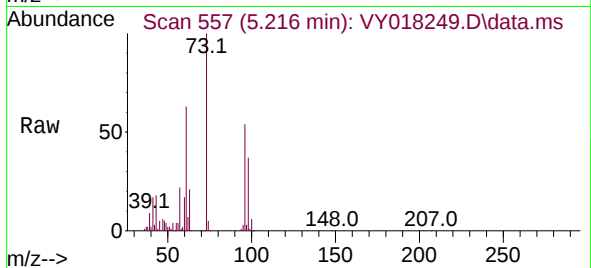
Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

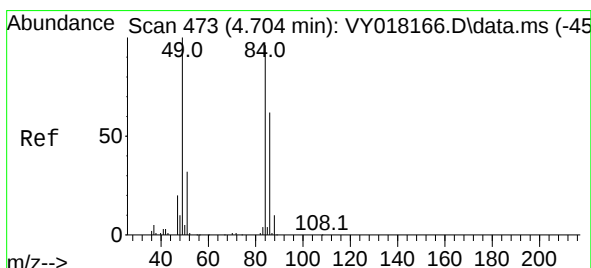
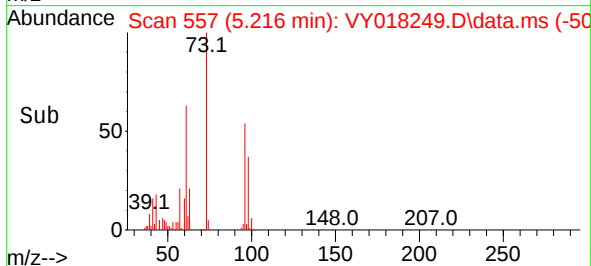
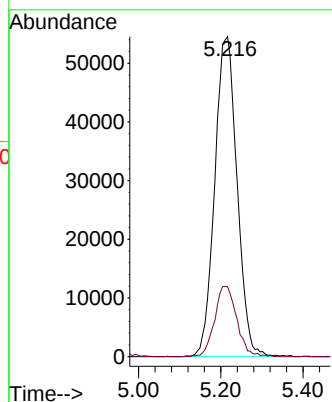


Tgt Ion: 73 Resp: 205550

Ion Ratio Lower Upper

73 100

57 21.8 17.3 25.9



#20

Methylene Chloride

Concen: 57.577 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Tgt Ion: 84 Resp: 102094

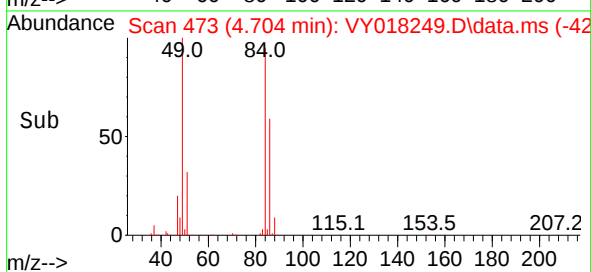
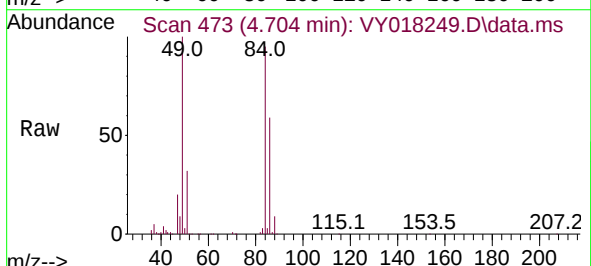
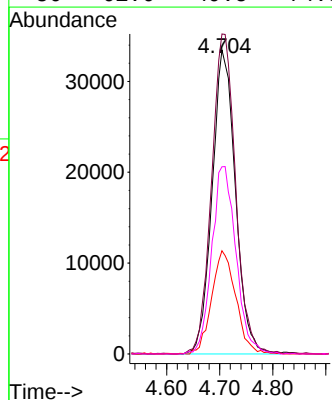
Ion Ratio Lower Upper

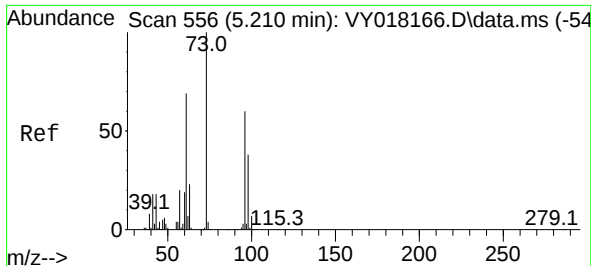
84 100

49 105.1 84.4 126.6

51 33.8 26.0 39.0

86 61.6 49.5 74.3

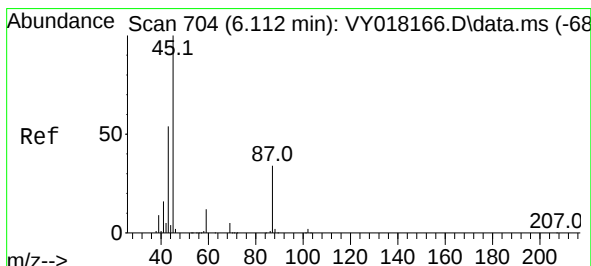
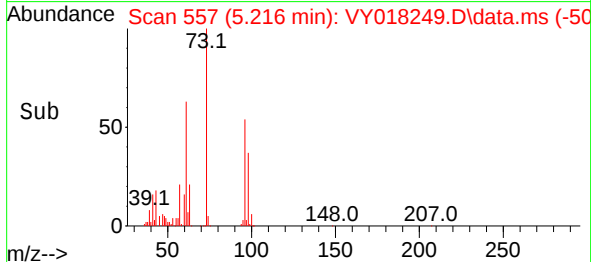
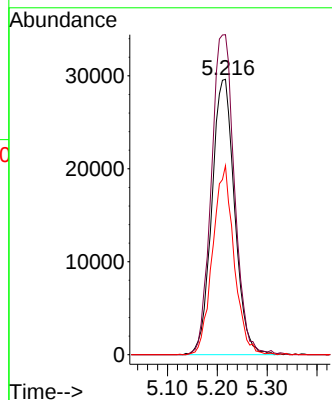
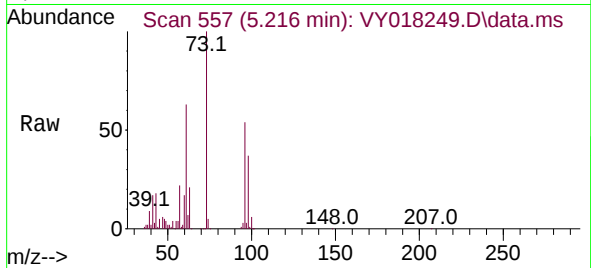




#21
trans-1,2-Dichloroethene
Concen: 53.678 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

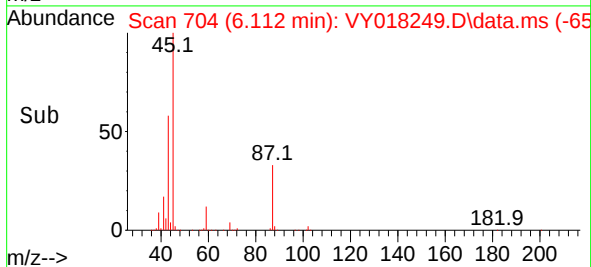
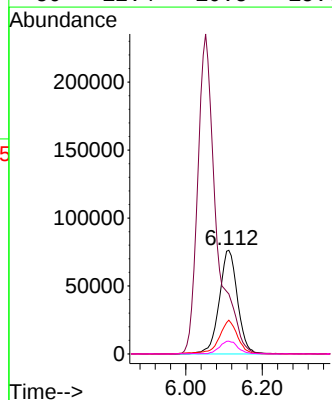
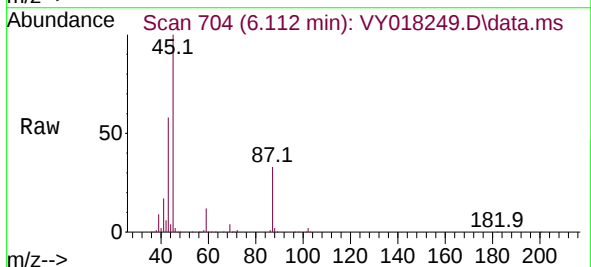
Instrument :
MSVOA_Y
ClientSampleId :

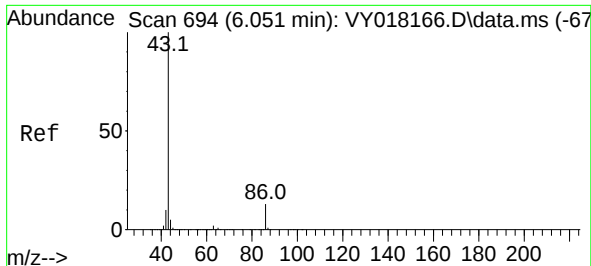
Tgt Ion: 96 Resp: 94030
Ion Ratio Lower Upper
96 100
61 116.2 97.5 146.3
98 68.5 50.5 75.7



#22
Diisopropyl ether
Concen: 56.721 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

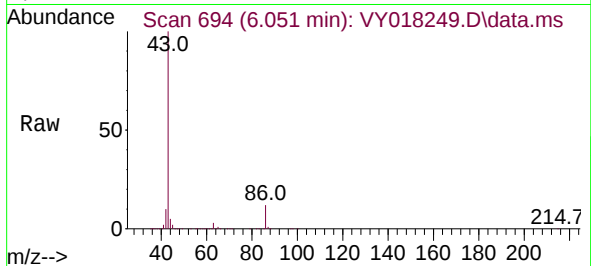
Tgt Ion: 45 Resp: 252956
Ion Ratio Lower Upper
45 100
43 57.5 42.2 63.2
87 32.5 25.0 37.6
59 12.4 10.5 15.7



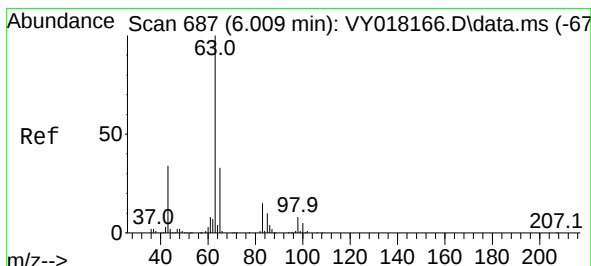
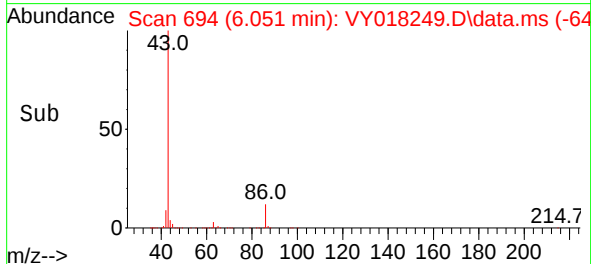
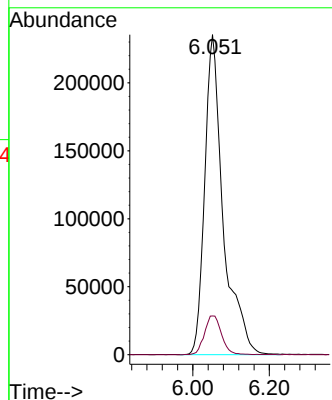


#23
 Vinyl Acetate
 Concen: 291.760 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018249.D
 Acq: 13 May 2024 18:10

Instrument :
 MSVOA_Y
 ClientSampleId :

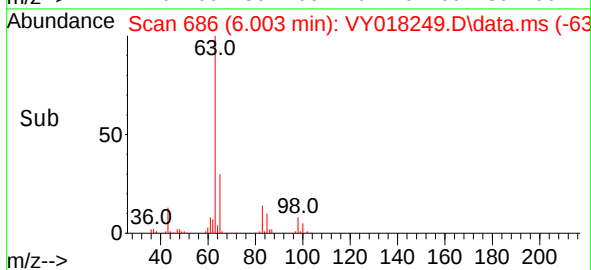
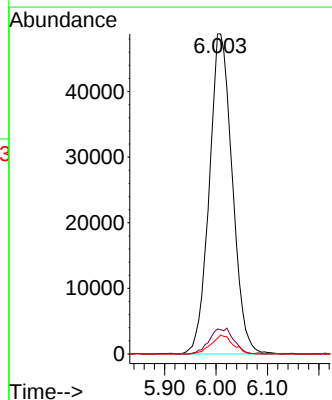
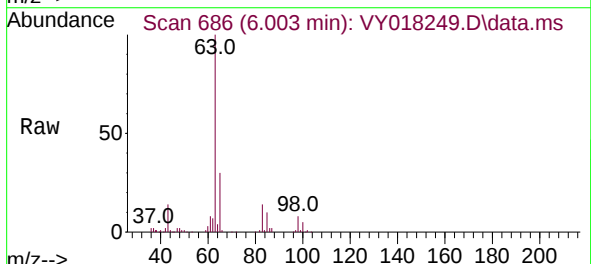


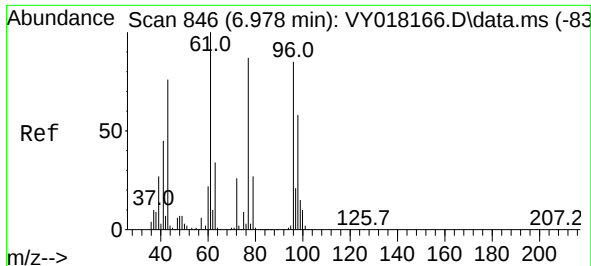
Tgt Ion: 43 Resp: 790832
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 55.258 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY018249.D
 Acq: 13 May 2024 18:10

Tgt Ion: 63 Resp: 151779
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 275.872 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

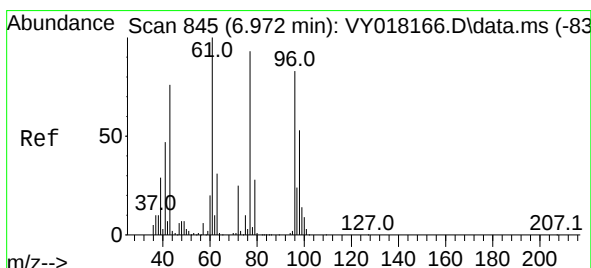
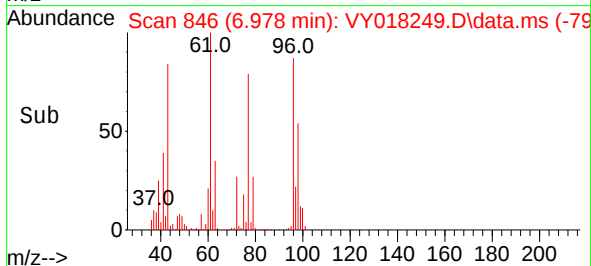
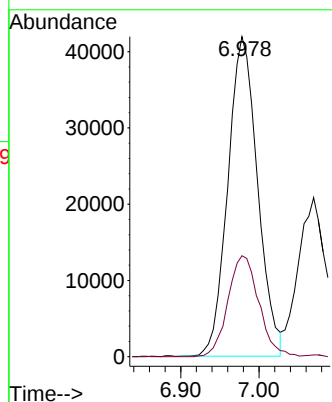
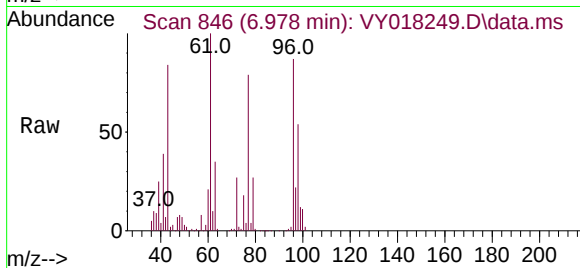
ClientSampleId :

Tgt Ion: 43 Resp: 110627

Ion Ratio Lower Upper

43 100

72 31.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 48.550 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018249.D

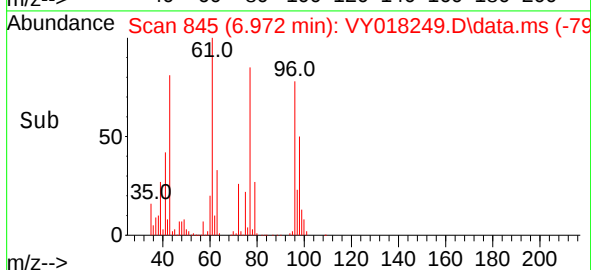
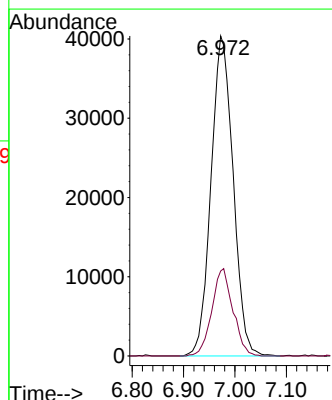
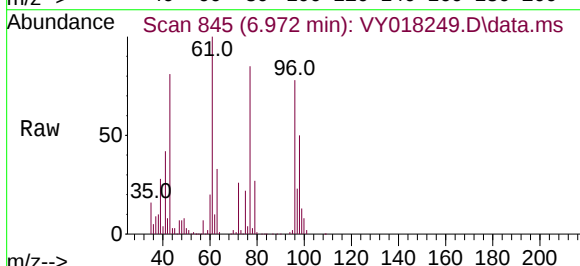
Acq: 13 May 2024 18:10

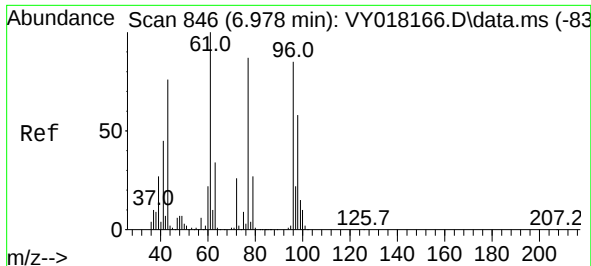
Tgt Ion: 77 Resp: 120697

Ion Ratio Lower Upper

77 100

97 25.9 12.0 36.1

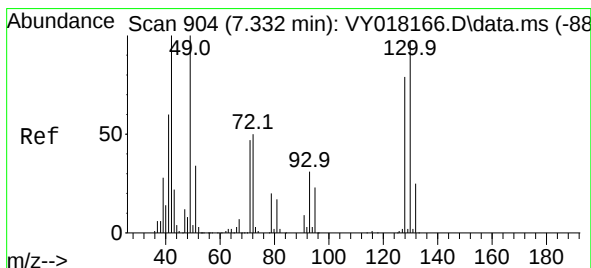
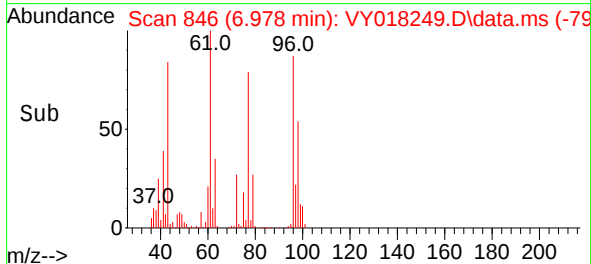
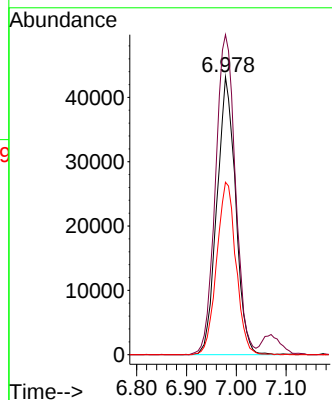
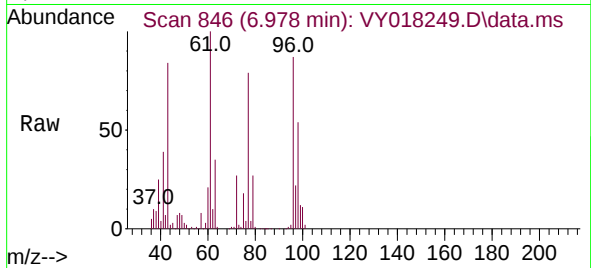




#27
 cis-1,2-Dichloroethene
 Concen: 54.278 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018249.D
 Acq: 13 May 2024 18:10

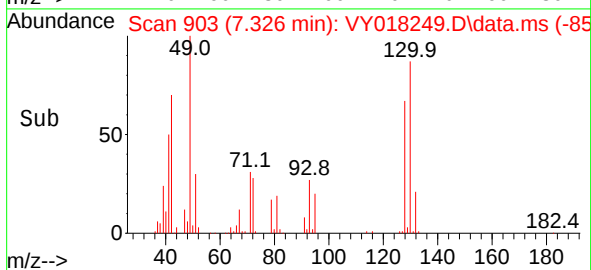
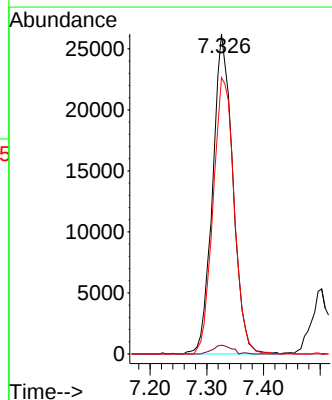
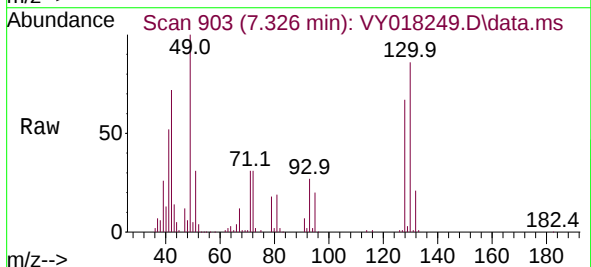
Instrument :
 MSVOA_Y
 ClientSampleId :

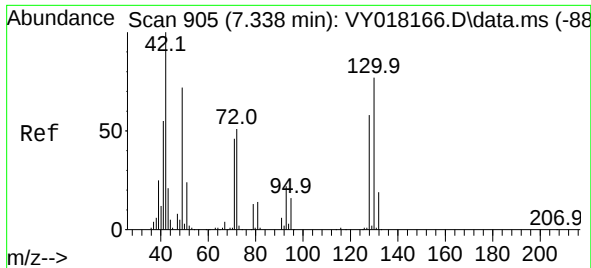
Tgt Ion: 96 Resp: 112364
 Ion Ratio Lower Upper
 96 100
 61 122.6 0.0 256.2
 98 64.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 59.020 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018249.D
 Acq: 13 May 2024 18:10

Tgt Ion: 49 Resp: 64796
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 90.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 290.395 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

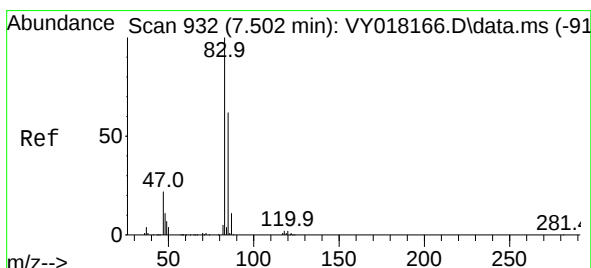
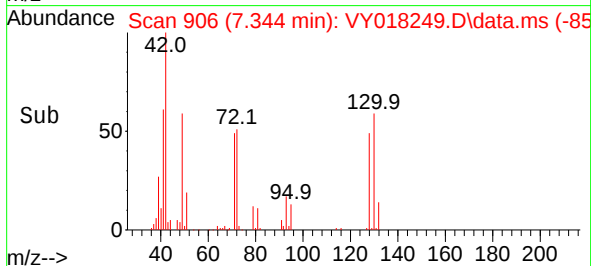
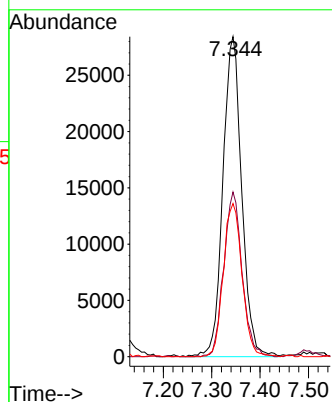
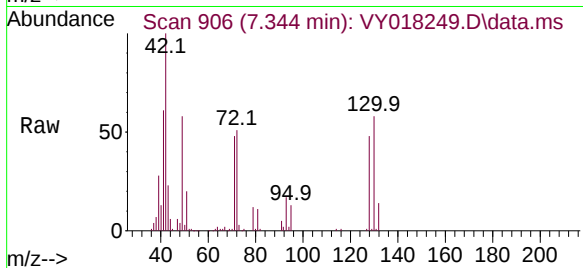
Tgt Ion: 42 Resp: 76868

Ion Ratio Lower Upper

42 100

72 50.2 43.0 64.4

71 47.6 40.8 61.2



#30

Chloroform

Concen: 54.926 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY018249.D

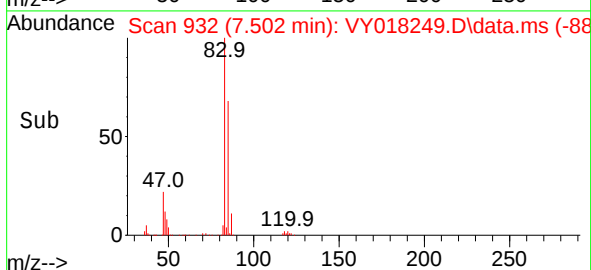
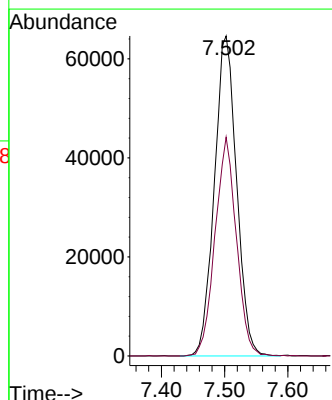
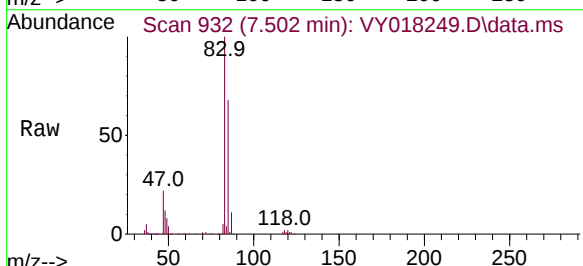
Acq: 13 May 2024 18:10

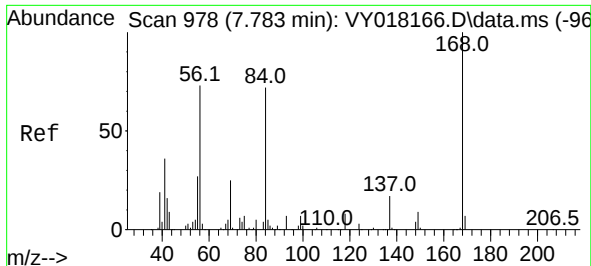
Tgt Ion: 83 Resp: 157501

Ion Ratio Lower Upper

83 100

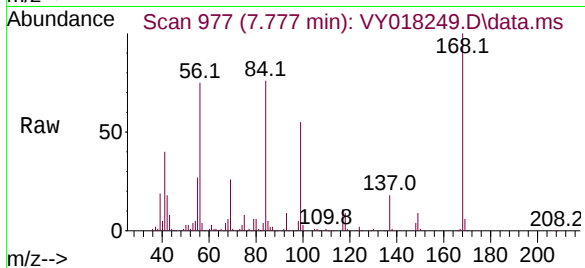
85 68.3 52.2 78.4



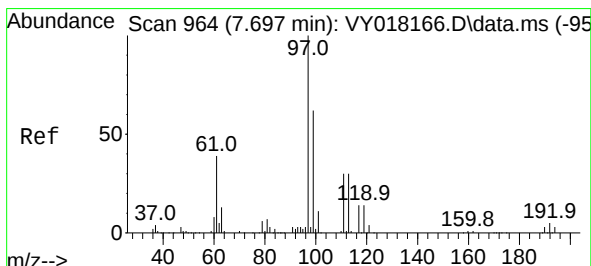
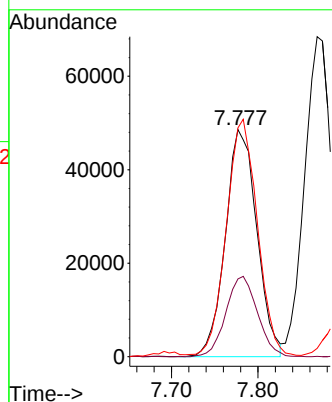
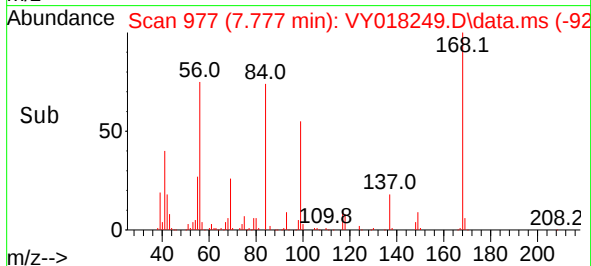


#31
Cyclohexane
Concen: 50.282 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

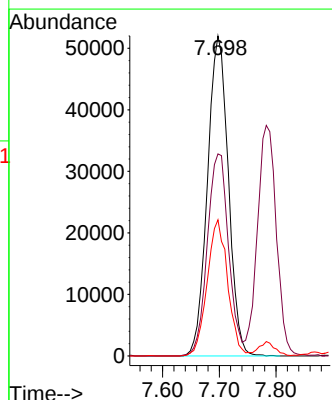
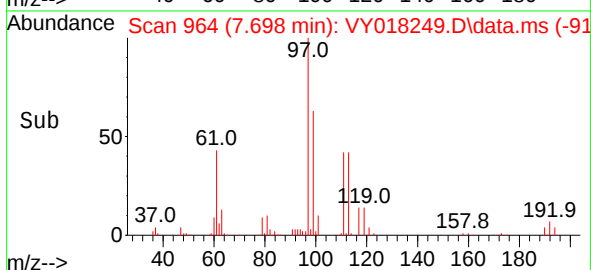
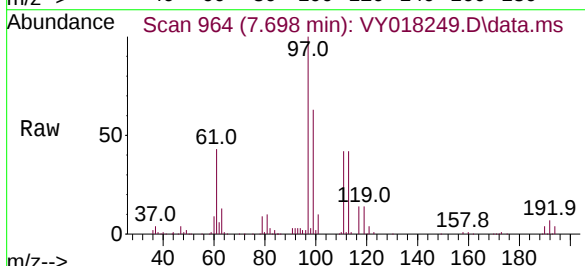


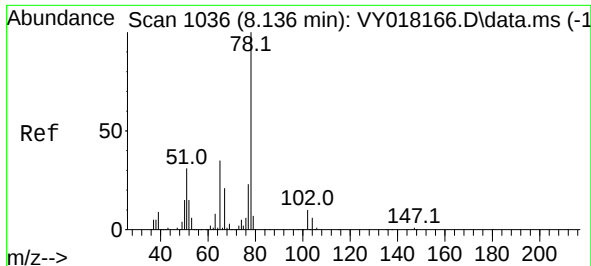
Tgt Ion: 56 Resp: 122935
Ion Ratio Lower Upper
56 100
69 34.1 28.7 43.1
84 100.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.787 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Tgt Ion: 97 Resp: 133100
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 42.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 58.911 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

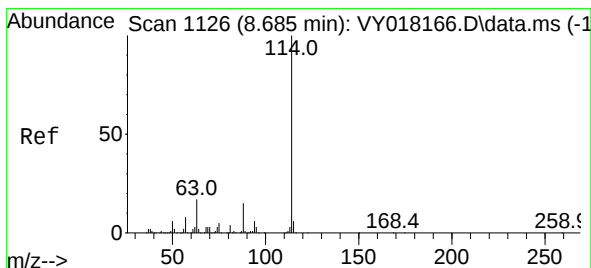
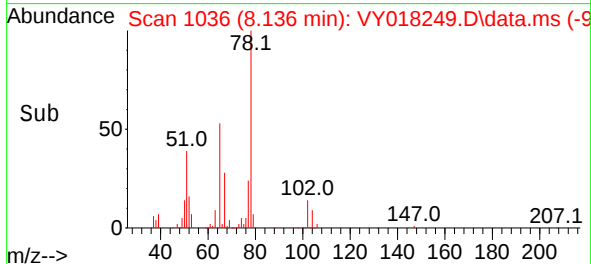
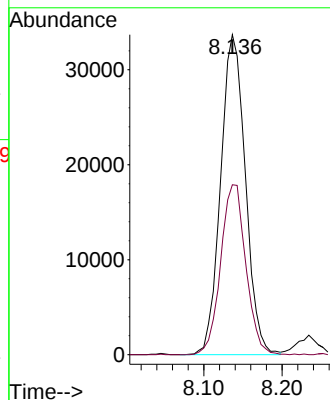
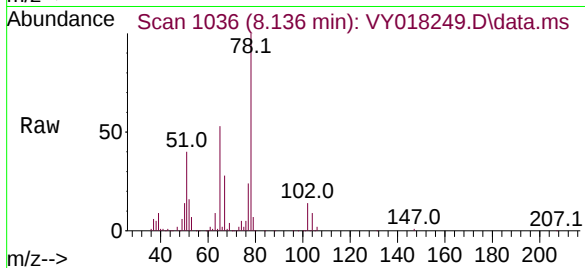
ClientSampleId :

Tgt Ion: 65 Resp: 74057

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

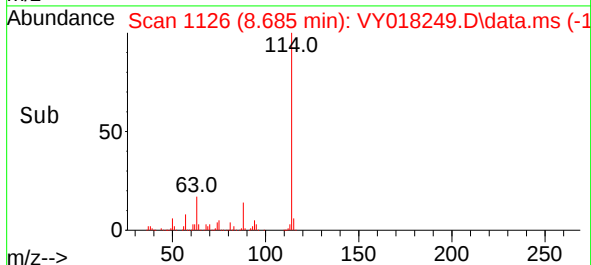
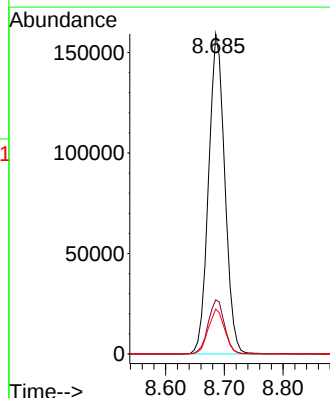
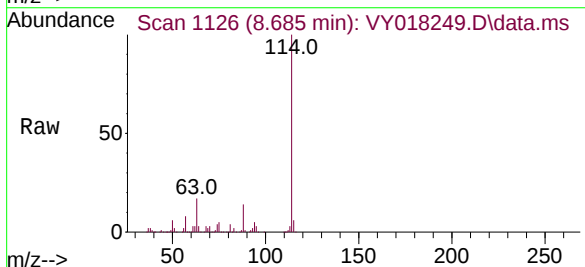
Tgt Ion: 114 Resp: 305651

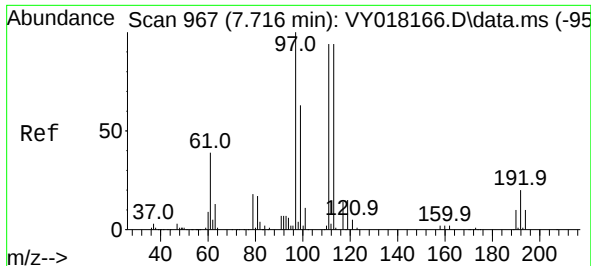
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.0 0.0 27.2

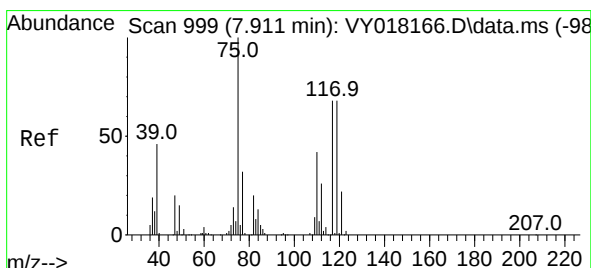
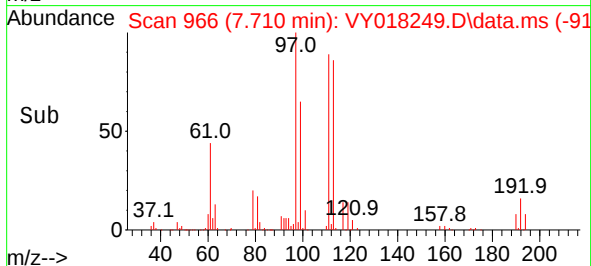
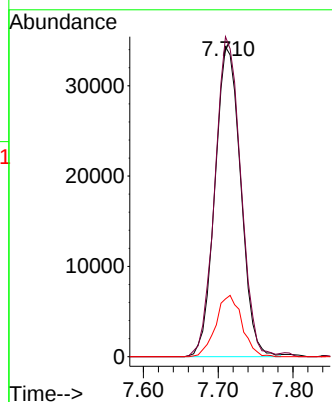
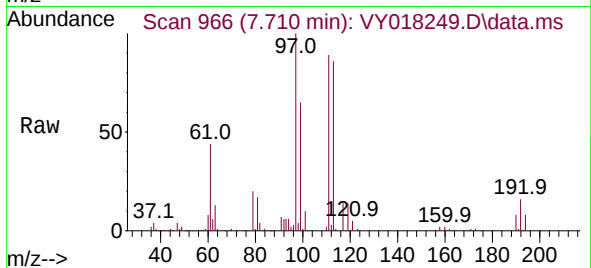




#35
Dibromofluoromethane
Concen: 51.247 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

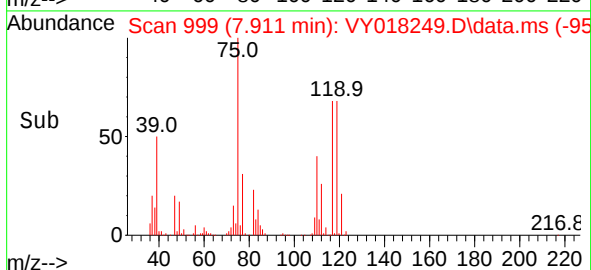
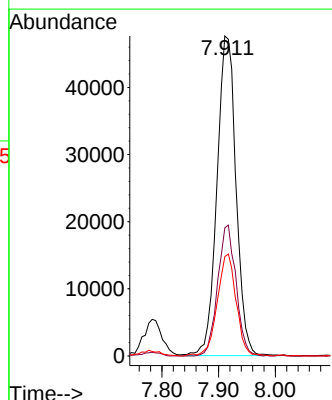
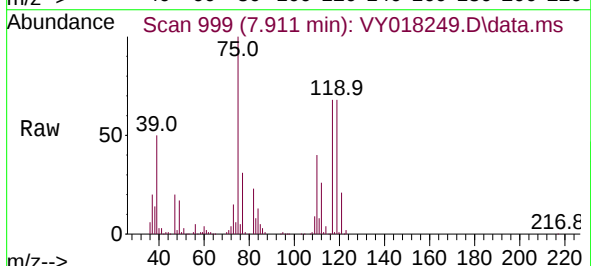
Instrument :
MSVOA_Y
ClientSampleId :

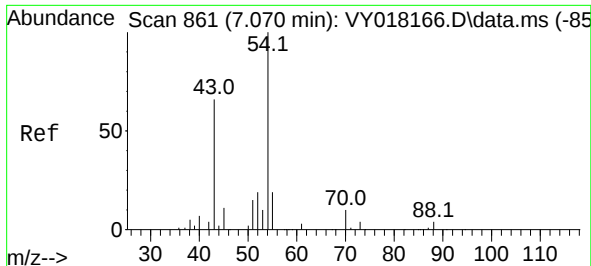
Tgt Ion:113 Resp: 82320
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 48.358 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Tgt Ion: 75 Resp: 111359
Ion Ratio Lower Upper
75 100
110 39.4 19.0 57.0
77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 55.864 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

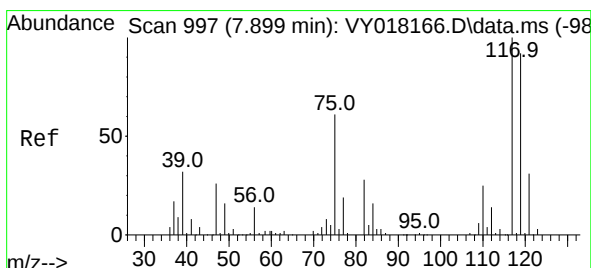
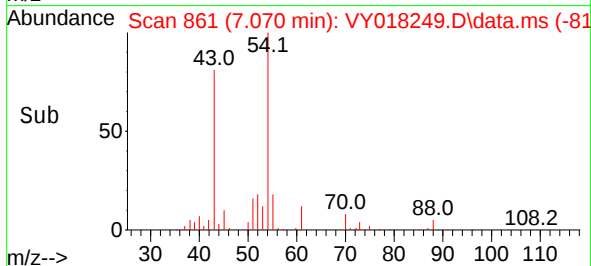
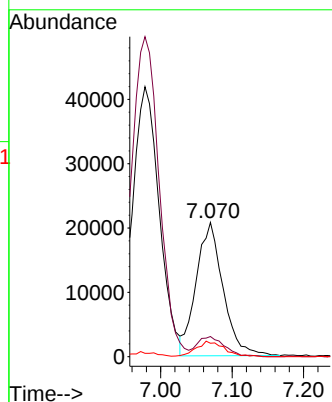
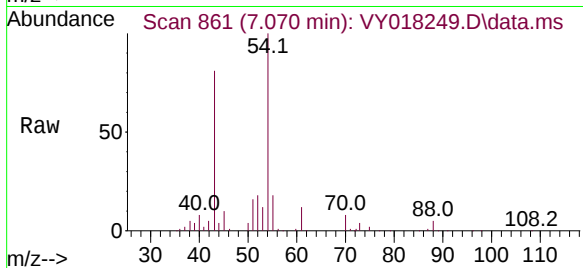
Tgt Ion: 43 Resp: 54145

Ion Ratio Lower Upper

43 100

61 15.4 12.6 19.0

70 12.1 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 45.980 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

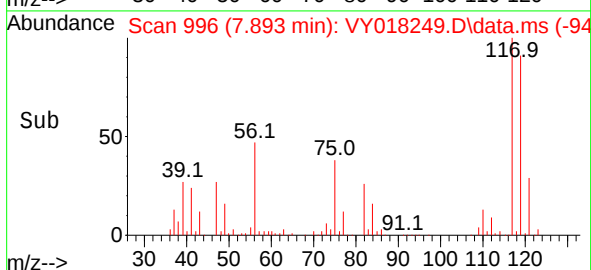
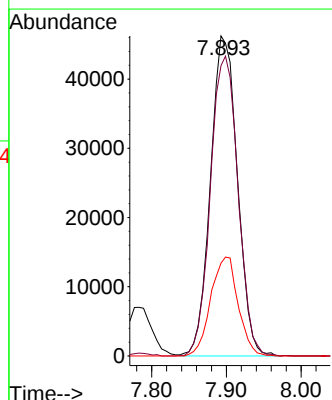
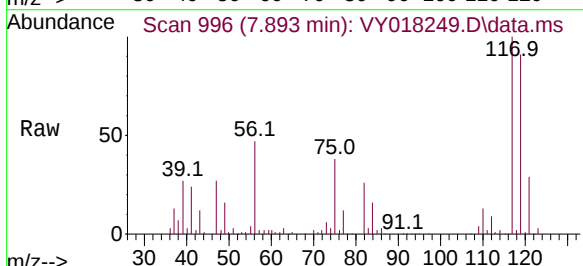
Tgt Ion: 117 Resp: 115694

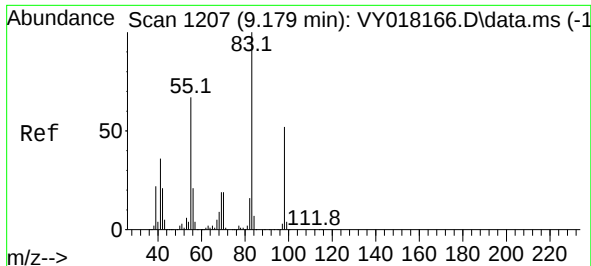
Ion Ratio Lower Upper

117 100

119 90.7 75.8 113.6

121 29.0 24.0 36.0





#39

Methylcyclohexane

Concen: 45.335 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

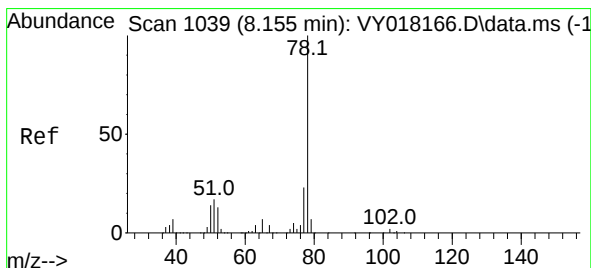
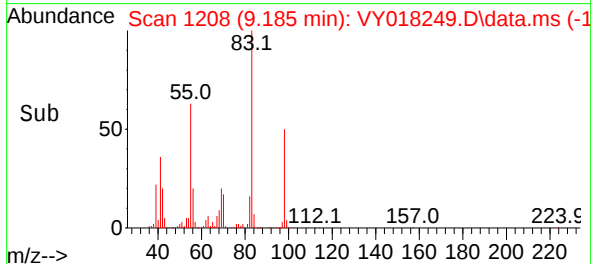
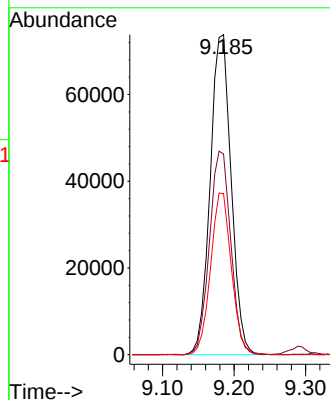
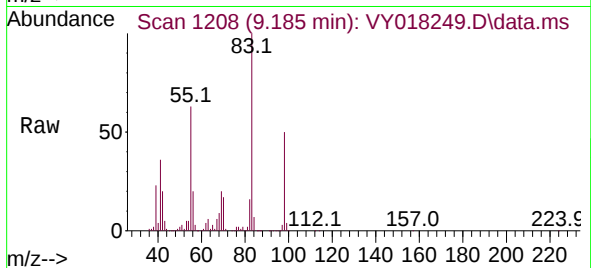
Tgt Ion: 83 Resp: 150609

Ion Ratio Lower Upper

83 100

55 62.7 51.5 77.3

98 50.4 40.5 60.7



#40

Benzene

Concen: 50.891 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018249.D

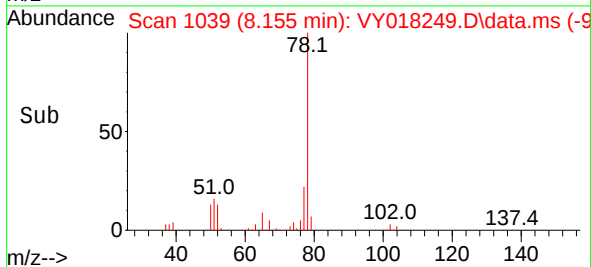
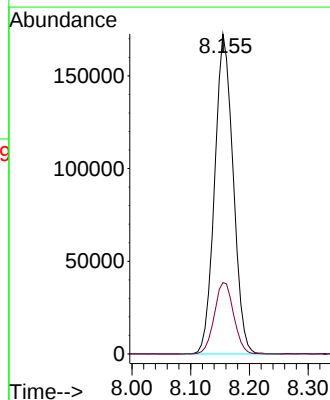
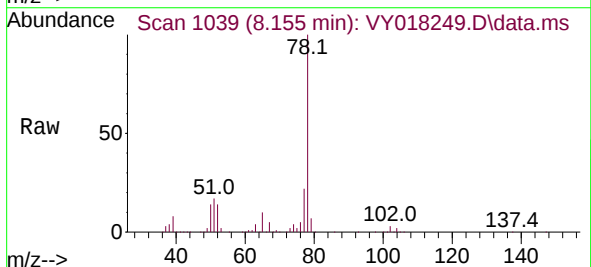
Acq: 13 May 2024 18:10

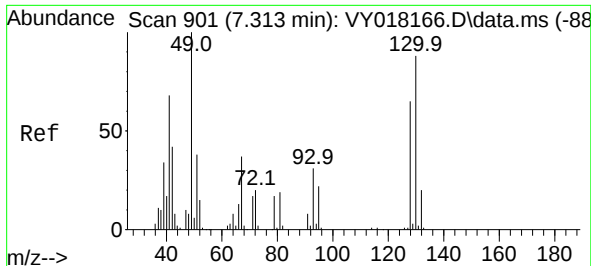
Tgt Ion: 78 Resp: 376958

Ion Ratio Lower Upper

78 100

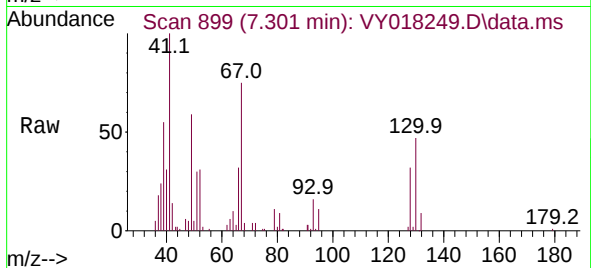
77 22.3 19.5 29.3



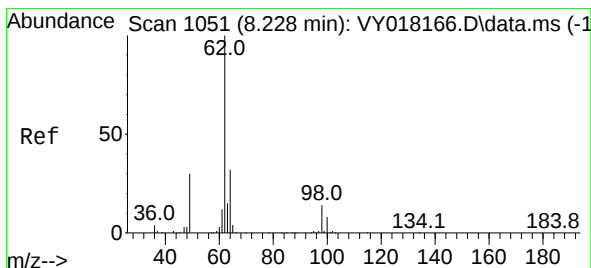
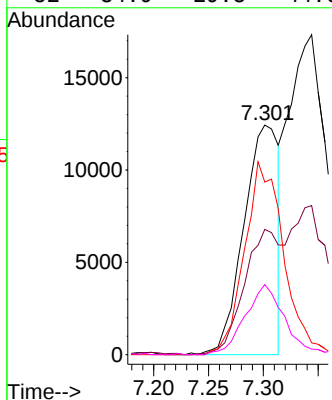
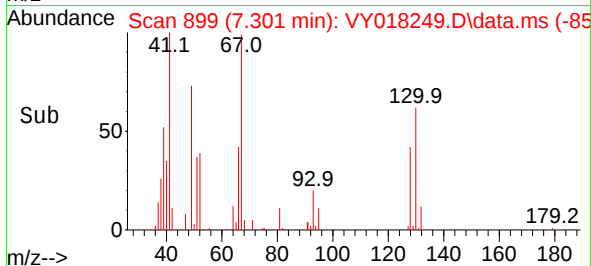


#41
Methacrylonitrile
Concen: 48.981 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

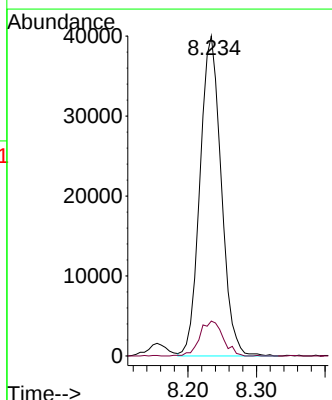
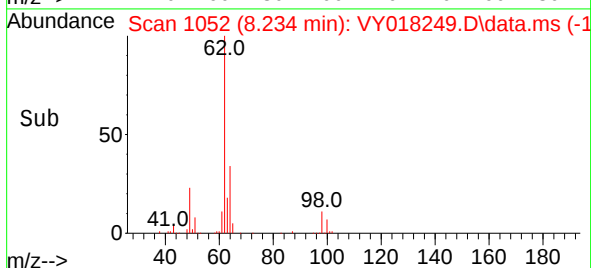
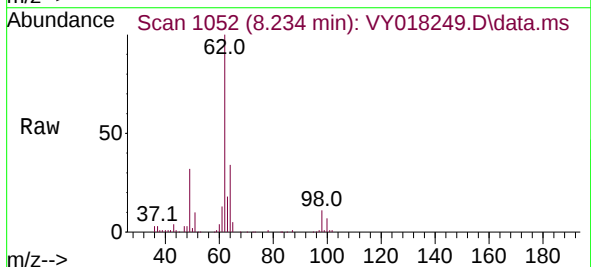


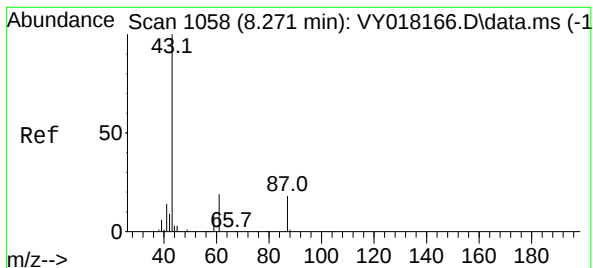
Tgt Ion:	41	Resp:	27414
Ion	Ratio	Lower	Upper
41	100		
39	61.4	48.0	72.0
67	95.0	75.1	112.7
52	34.9	29.8	44.6



#42
1,2-Dichloroethane
Concen: 53.622 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Tgt Ion:	62	Resp:	86421
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	22.0





#43

Isopropyl Acetate

Concen: 54.548 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

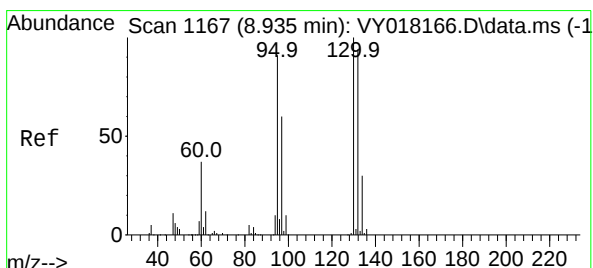
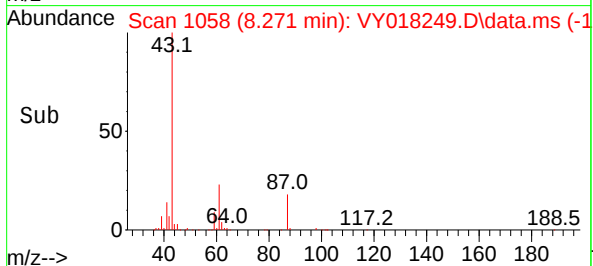
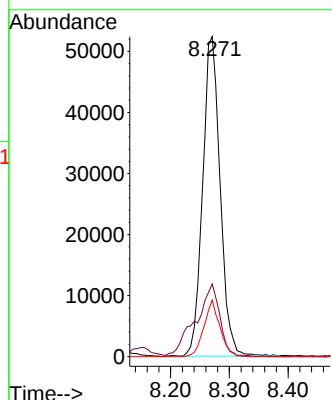
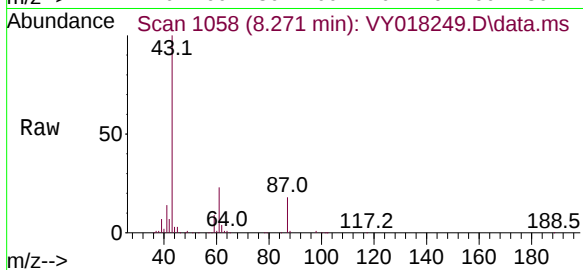
Tgt Ion: 43 Resp: 108368

Ion Ratio Lower Upper

43 100

61 31.6 27.9 41.9

87 16.2 13.1 19.7



#44

Trichloroethene

Concen: 48.234 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018249.D

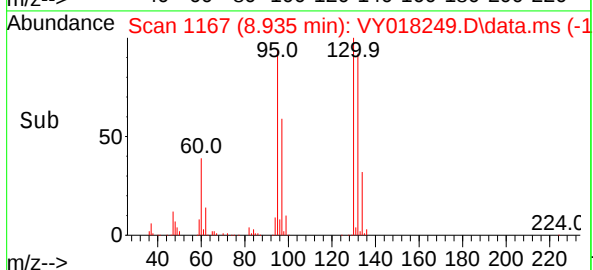
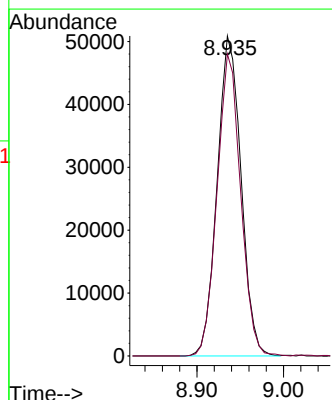
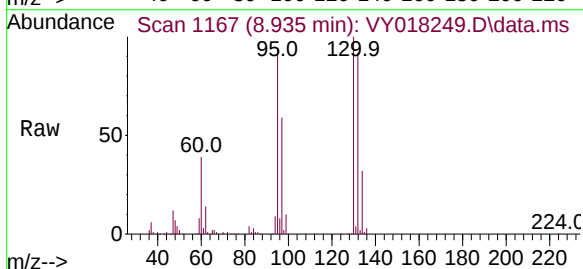
Acq: 13 May 2024 18:10

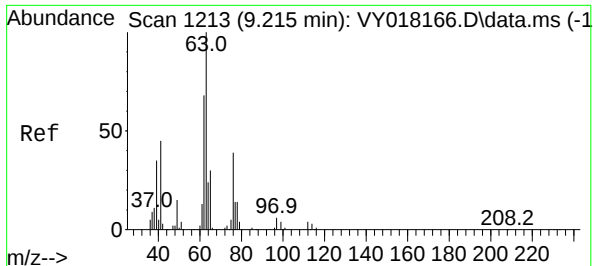
Tgt Ion:130 Resp: 97260

Ion Ratio Lower Upper

130 100

95 94.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 50.841 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

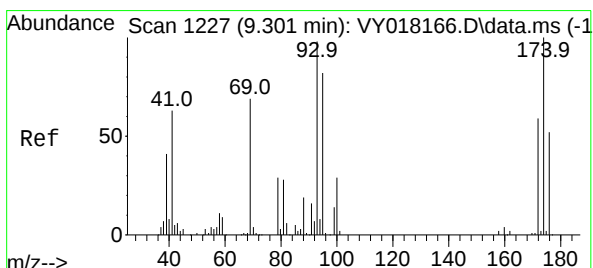
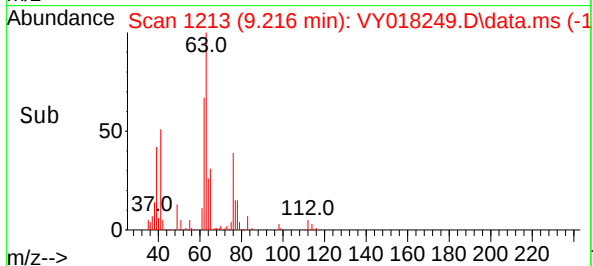
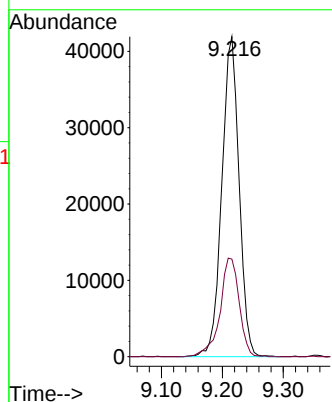
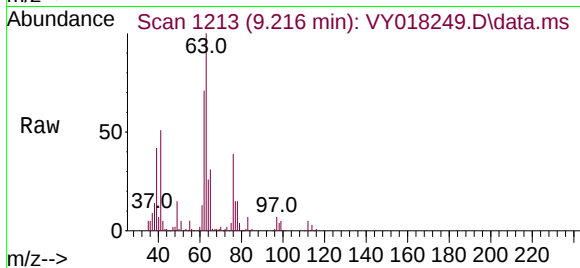
ClientSampleId :

Tgt Ion: 63 Resp: 82332

Ion Ratio Lower Upper

63 100

65 30.5 25.4 38.2



#46

Dibromomethane

Concen: 52.181 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

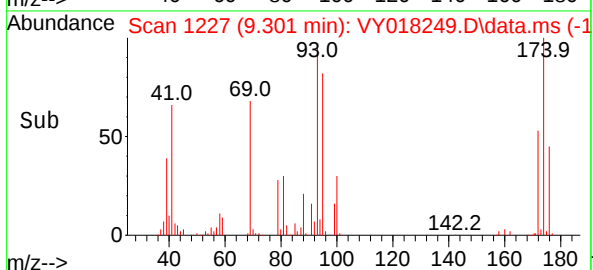
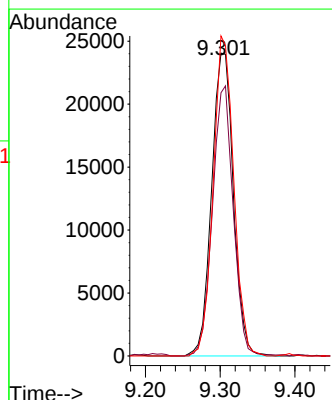
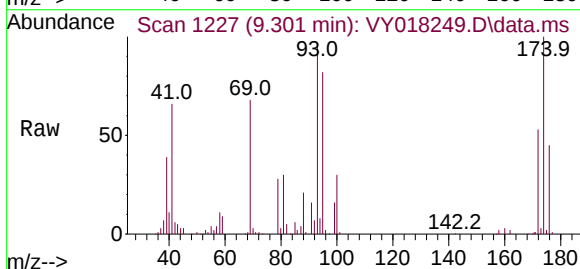
Tgt Ion: 93 Resp: 48578

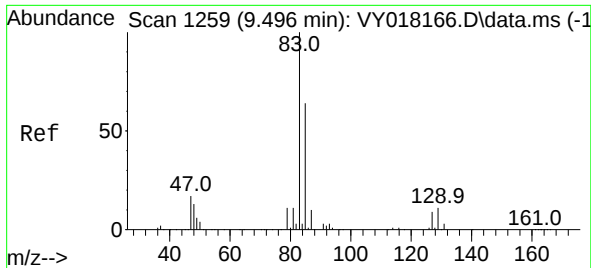
Ion Ratio Lower Upper

93 100

95 85.4 66.2 99.4

174 99.7 80.9 121.3

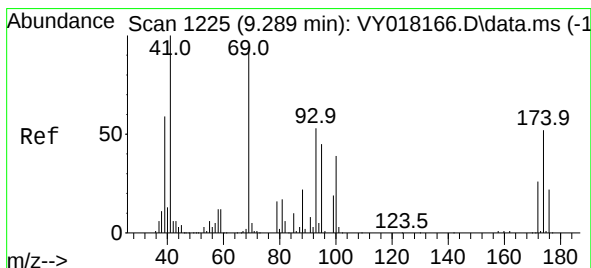
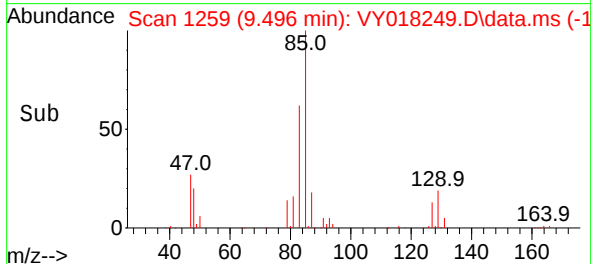
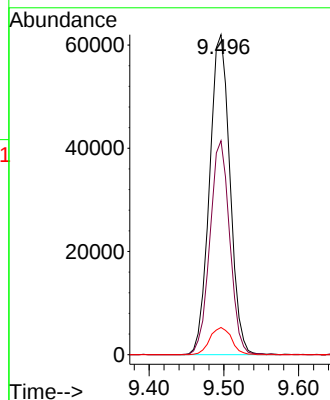
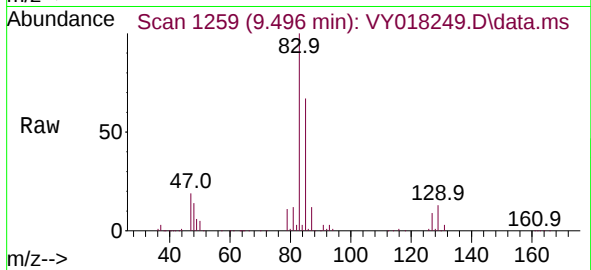




#47
Bromodichloromethane
Concen: 51.194 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

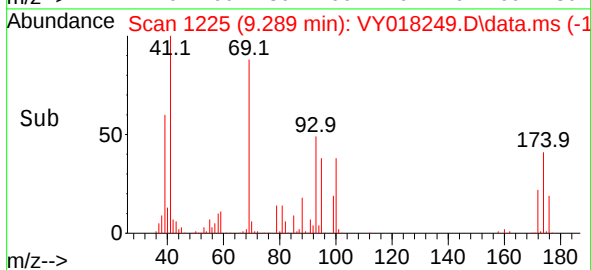
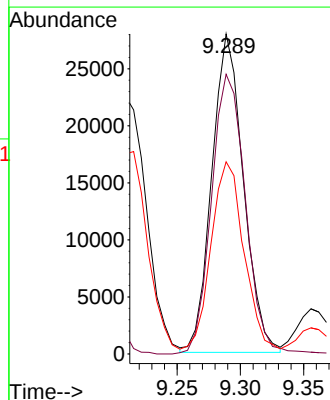
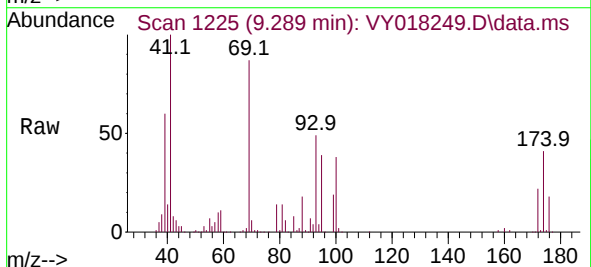
Instrument :
MSVOA_Y
ClientSampleId :

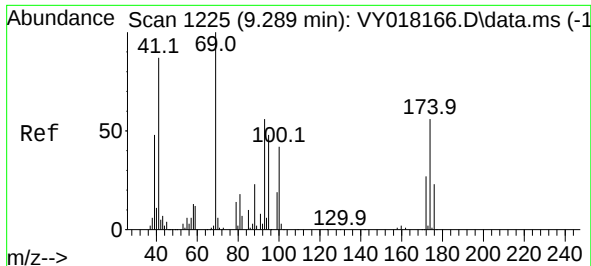
Tgt Ion: 83 Resp: 117824
Ion Ratio Lower Upper
83 100
85 66.8 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 53.333 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Tgt Ion: 41 Resp: 48560
Ion Ratio Lower Upper
41 100
69 94.2 84.1 126.1
39 60.9 43.6 65.4

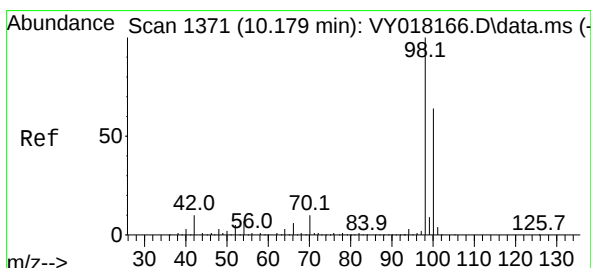
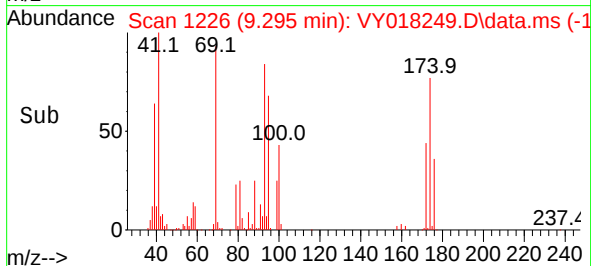
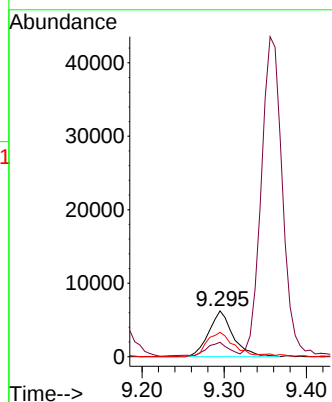
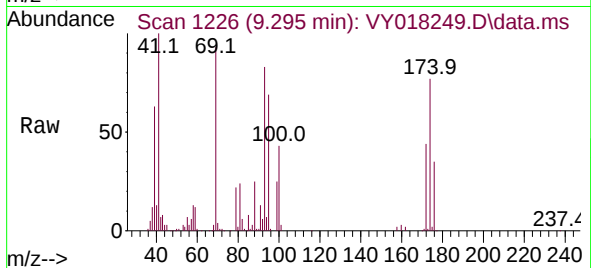




#49
1,4-Dioxane
Concen: 1028.775 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

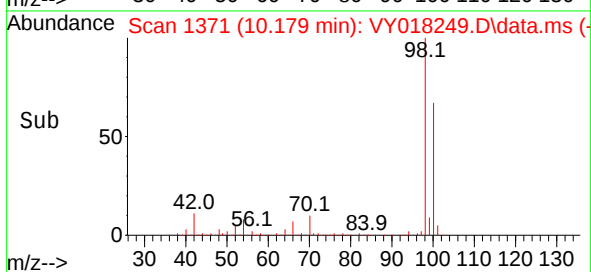
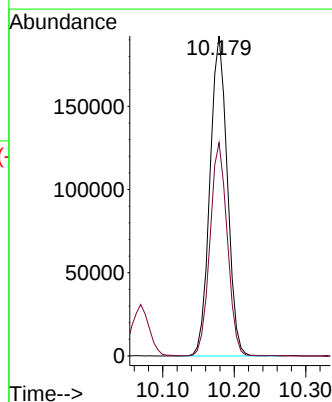
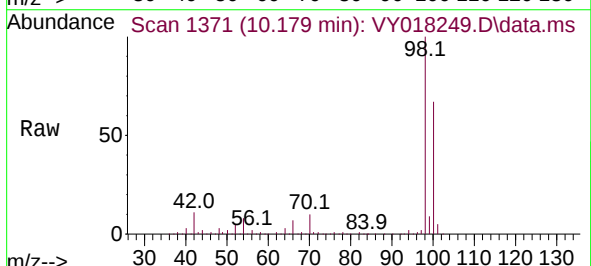
Instrument :
MSVOA_Y
ClientSampleId :

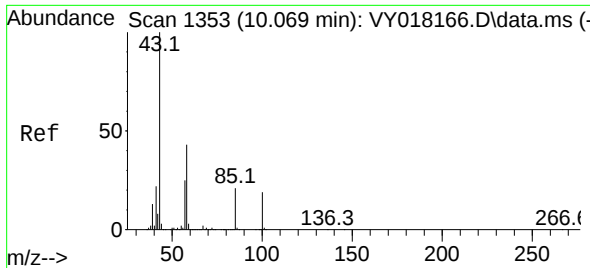
Tgt Ion: 88 Resp: 12713
Ion Ratio Lower Upper
88 100
43 27.9 0.0 0.0#
58 57.6 49.3 73.9



#50
Toluene-d8
Concen: 51.164 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Tgt Ion: 98 Resp: 323864
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 272.564 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

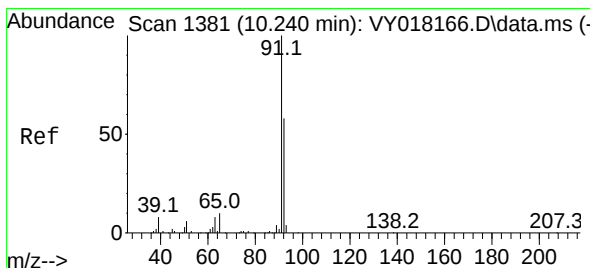
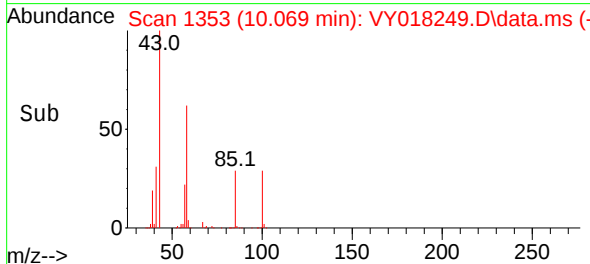
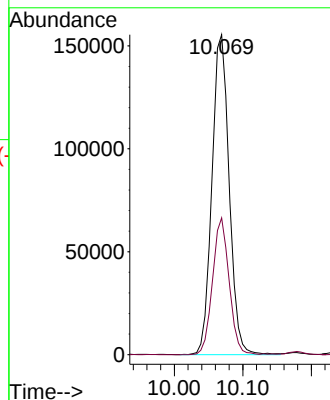
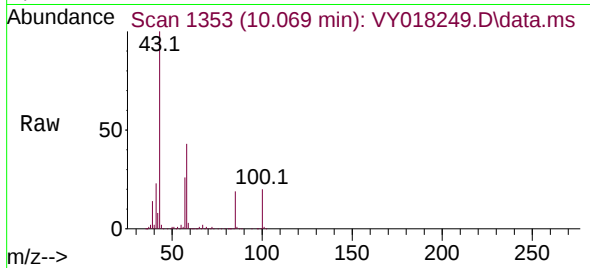
ClientSampleId :

Tgt Ion: 43 Resp: 272157

Ion Ratio Lower Upper

43 100

58 41.1 35.7 53.5



#52

Toluene

Concen: 50.277 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY018249.D

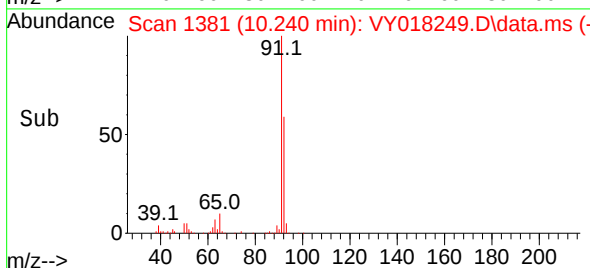
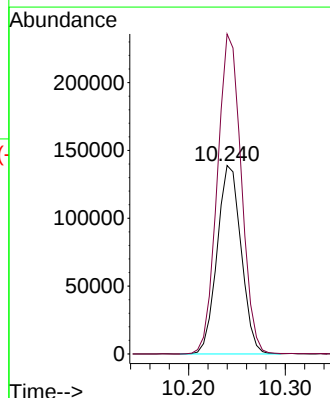
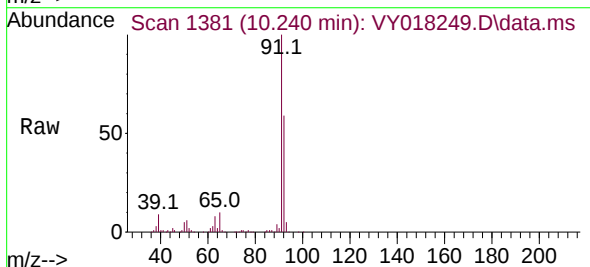
Acq: 13 May 2024 18:10

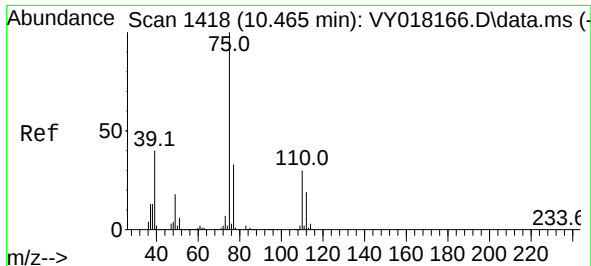
Tgt Ion: 92 Resp: 239753

Ion Ratio Lower Upper

92 100

91 169.3 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 50.059 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

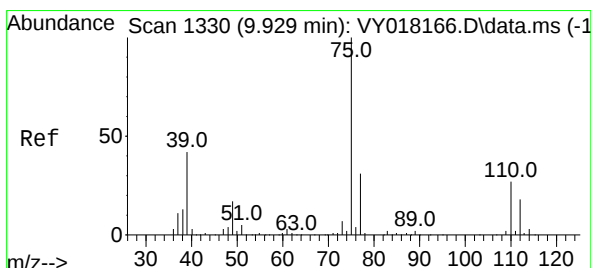
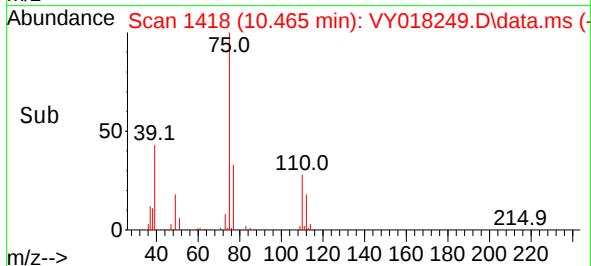
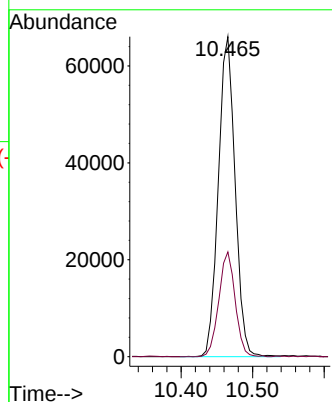
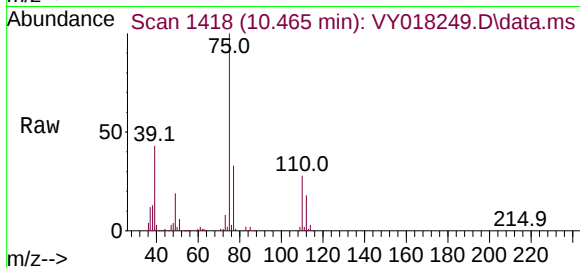
ClientSampleId :

Tgt Ion: 75 Resp: 107613

Ion Ratio Lower Upper

75 100

77 32.7 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 50.914 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

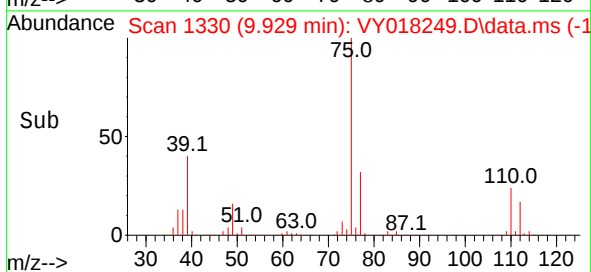
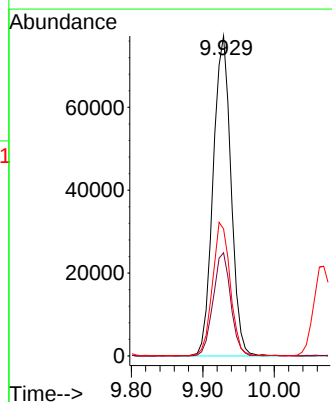
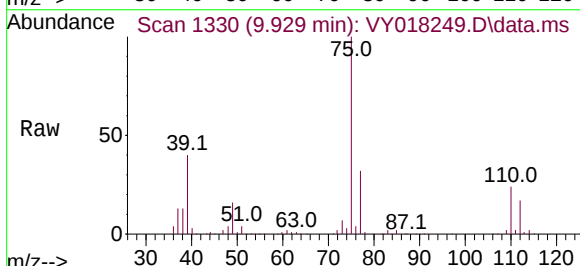
Tgt Ion: 75 Resp: 133791

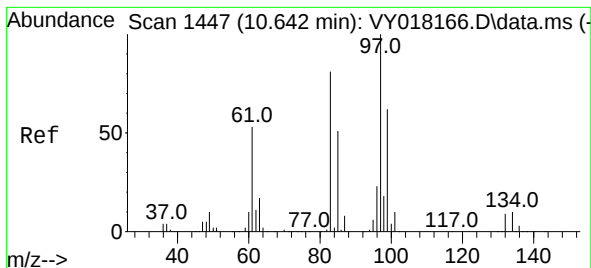
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

39 39.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 52.524 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

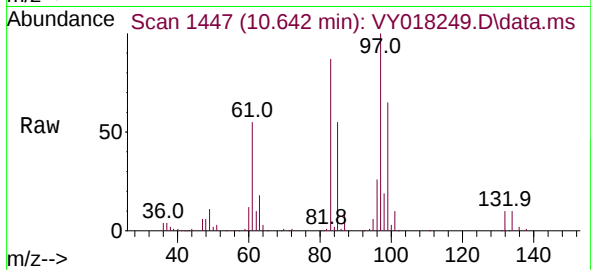
Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 67173

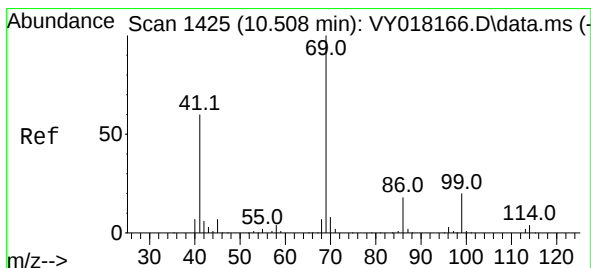
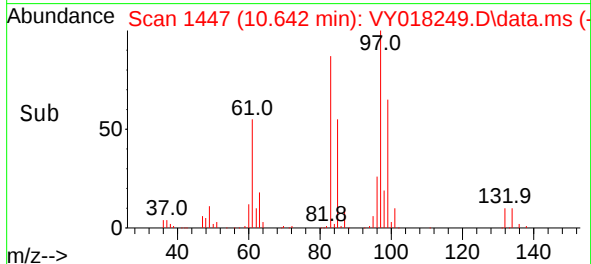
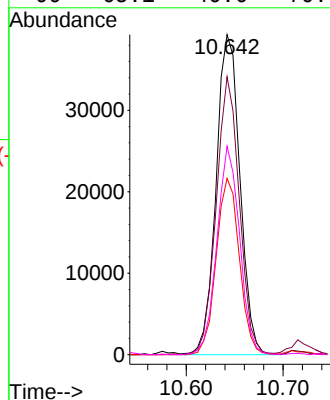
Ion Ratio Lower Upper

97 100

83 86.7 67.5 101.3

85 55.1 42.9 64.3

99 65.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 52.035 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

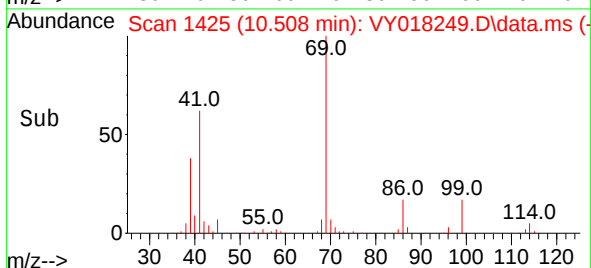
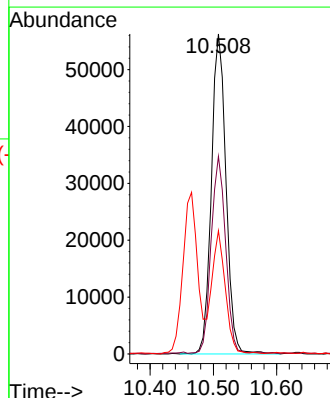
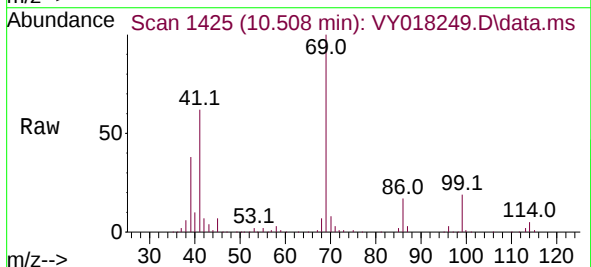
Tgt Ion: 69 Resp: 90380

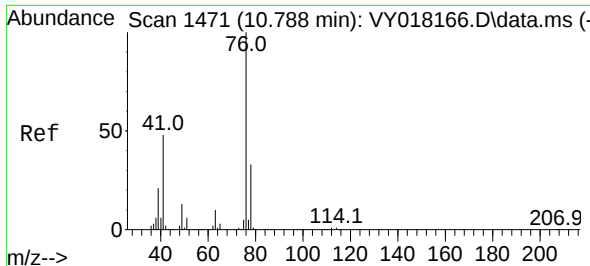
Ion Ratio Lower Upper

69 100

41 60.7 42.3 63.5

39 36.6 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.035 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

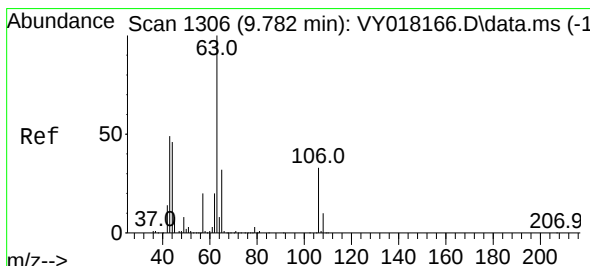
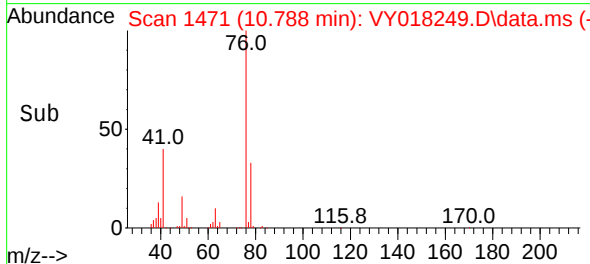
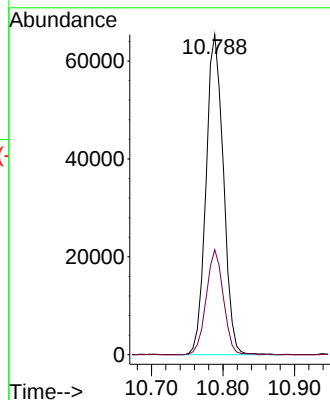
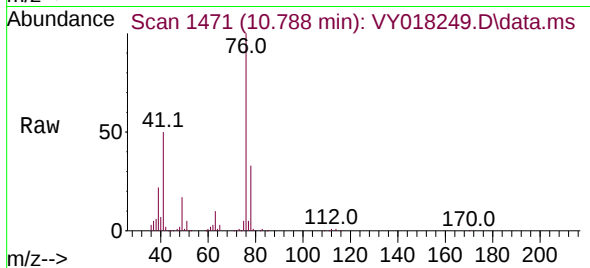
ClientSampleId :

Tgt Ion: 76 Resp: 110388

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 257.251 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018249.D

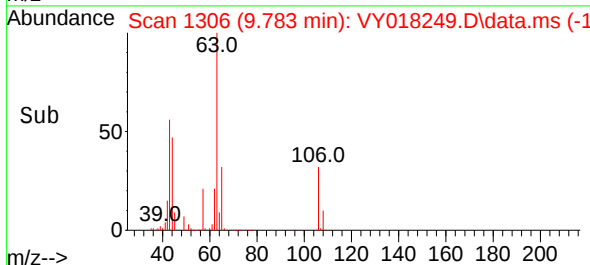
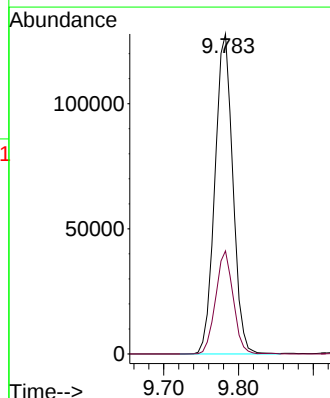
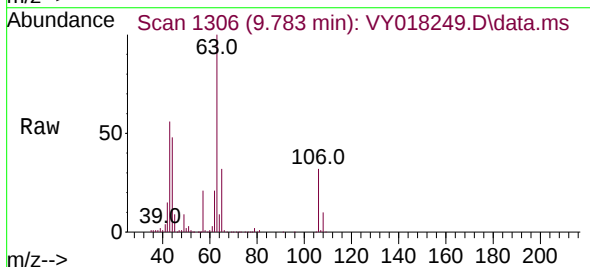
Acq: 13 May 2024 18:10

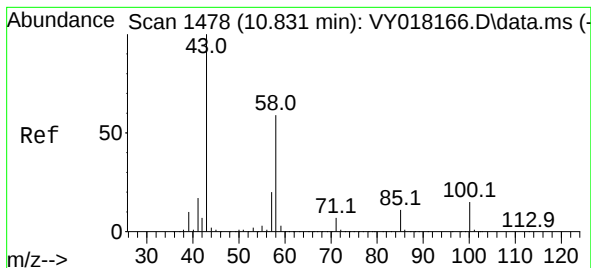
Tgt Ion: 63 Resp: 213359

Ion Ratio Lower Upper

63 100

106 31.5 23.7 35.5

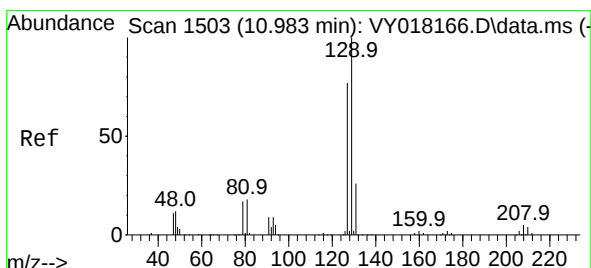
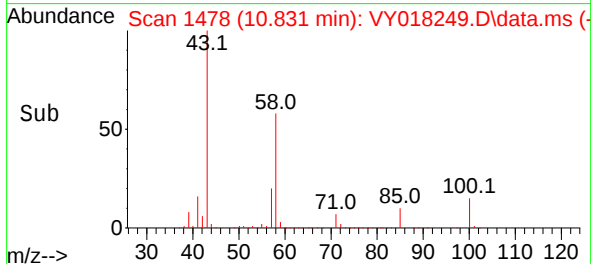
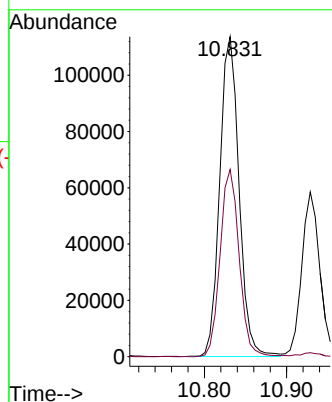
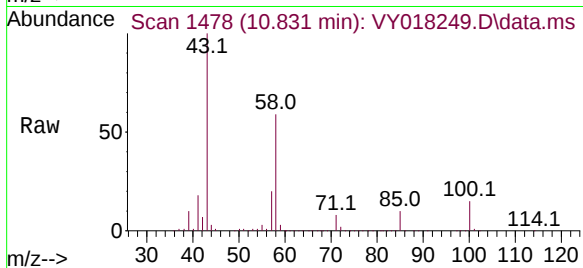




#59
2-Hexanone
Concen: 264.930 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

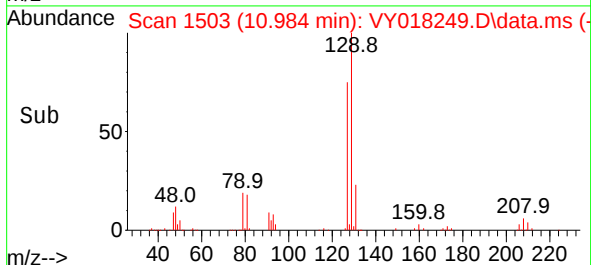
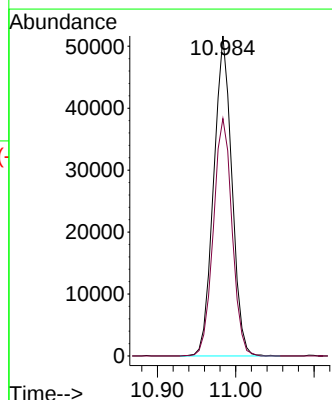
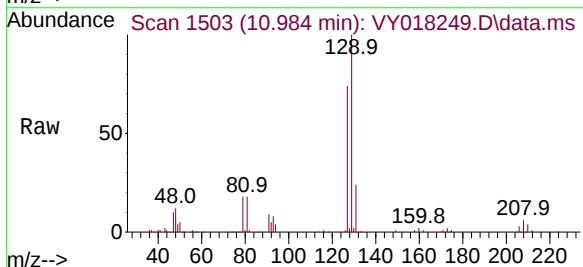
Instrument :
MSVOA_Y
ClientSampleId :

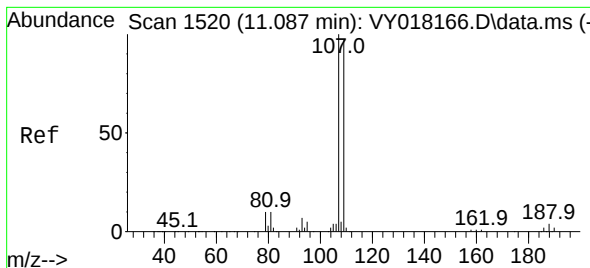
Tgt Ion: 43 Resp: 184964
Ion Ratio Lower Upper
43 100
58 58.0 31.4 94.0



#60
Dibromochloromethane
Concen: 50.352 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Tgt Ion:129 Resp: 83547
Ion Ratio Lower Upper
129 100
127 76.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.807 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

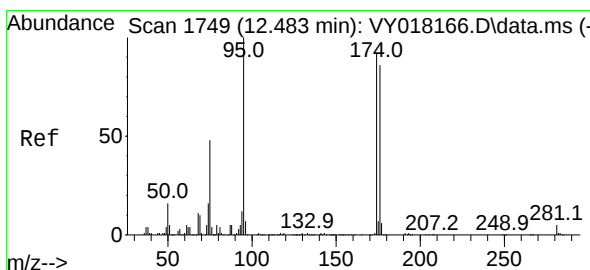
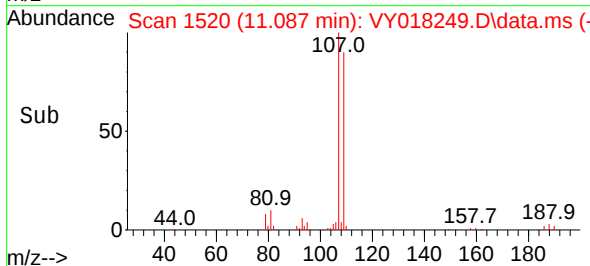
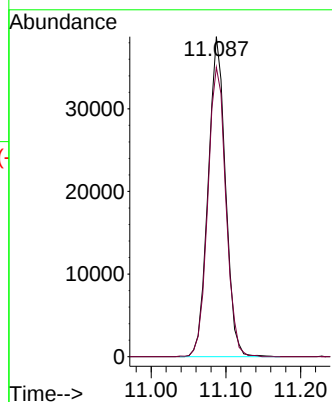
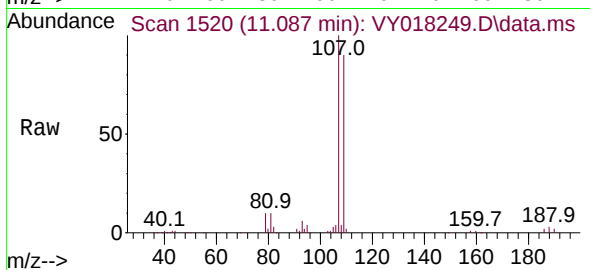
ClientSampleId :

Tgt Ion:107 Resp: 62406

Ion Ratio Lower Upper

107 100

109 94.5 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.615 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

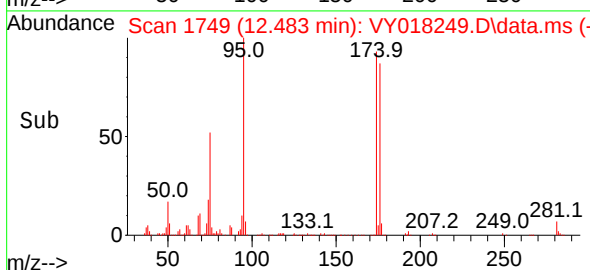
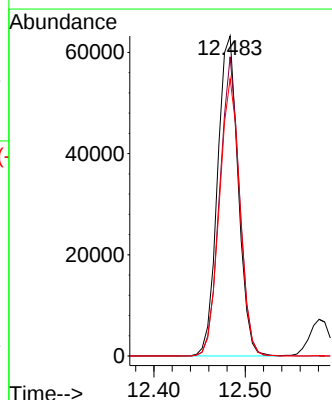
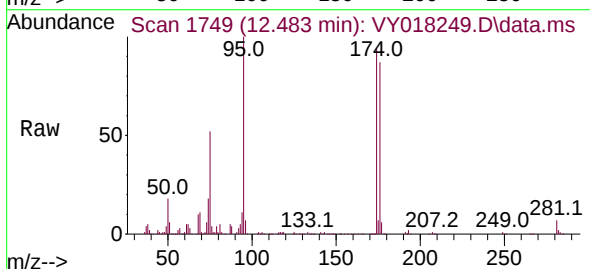
Tgt Ion: 95 Resp: 99379

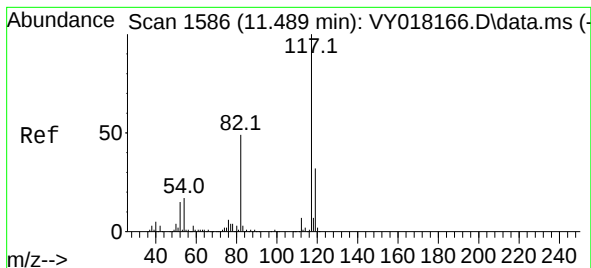
Ion Ratio Lower Upper

95 100

174 89.3 0.0 175.6

176 85.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

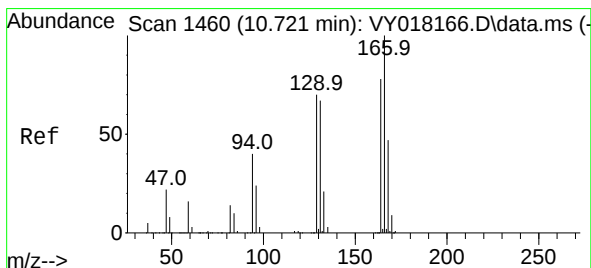
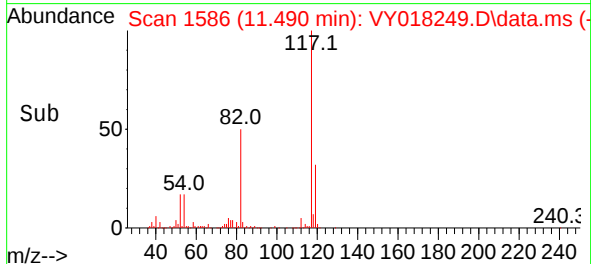
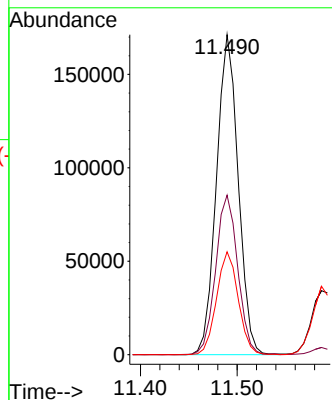
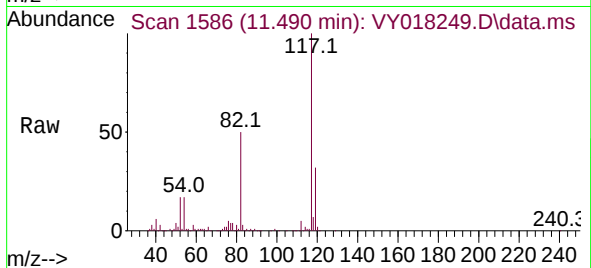
Tgt Ion:117 Resp: 267202

Ion Ratio Lower Upper

117 100

82 49.8 42.4 63.6

119 32.1 25.9 38.9



#64

Tetrachloroethene

Concen: 47.786 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Tgt Ion:164 Resp: 85014

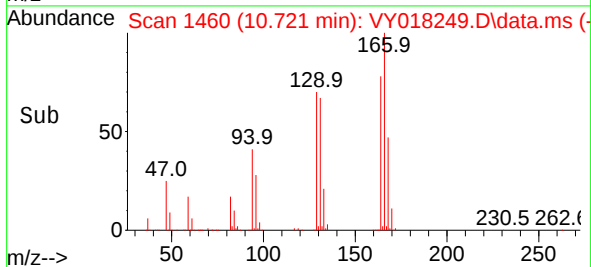
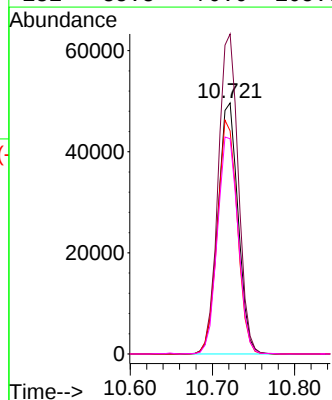
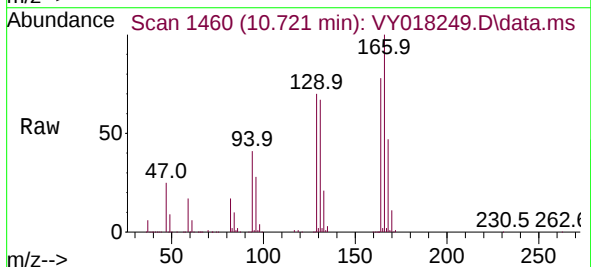
Ion Ratio Lower Upper

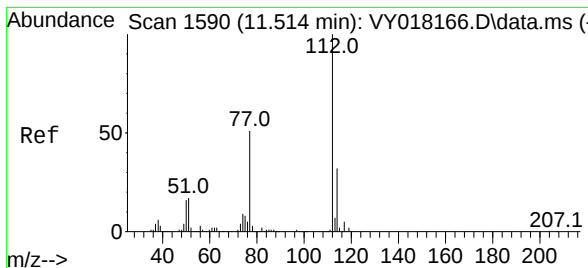
164 100

166 127.5 102.6 154.0

129 88.8 72.0 108.0

131 85.8 70.0 105.0

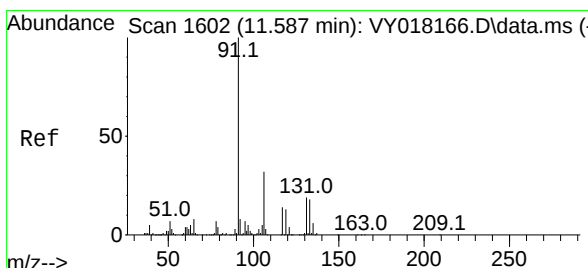
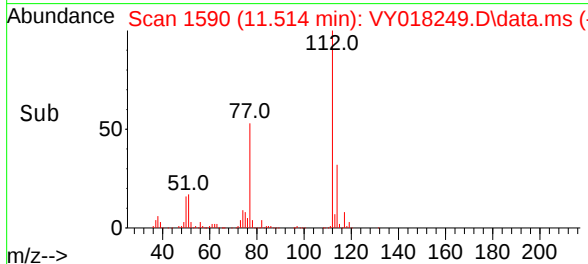
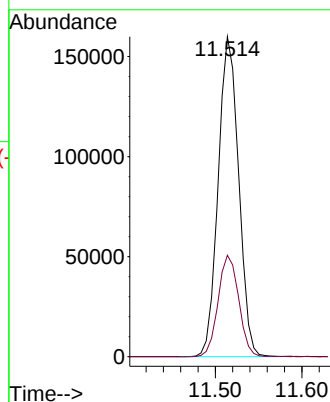
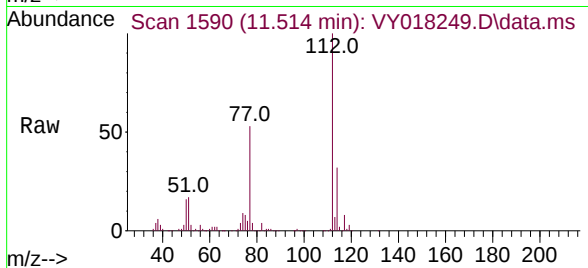




#65
Chlorobenzene
Concen: 48.200 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

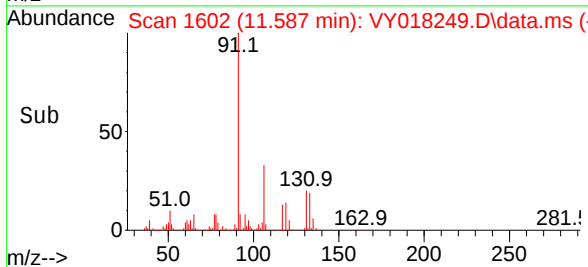
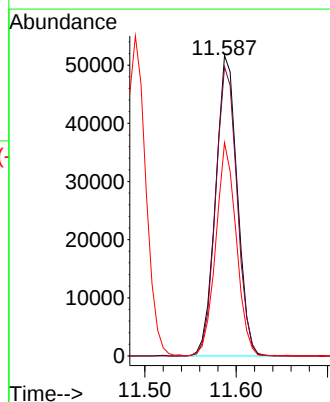
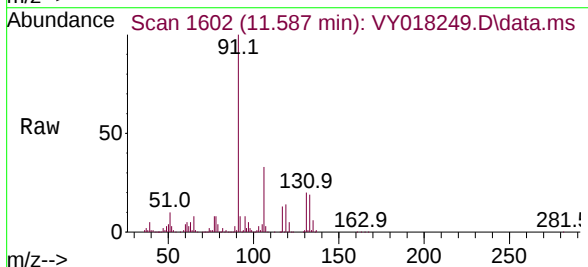
Instrument :
MSVOA_Y
ClientSampleId :

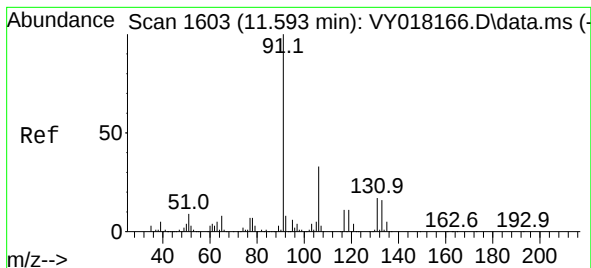
Tgt Ion:112 Resp: 262305
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.353 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Tgt Ion:131 Resp: 85117
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 67.1 34.1 102.2





#67

Ethyl Benzene

Concen: 47.483 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

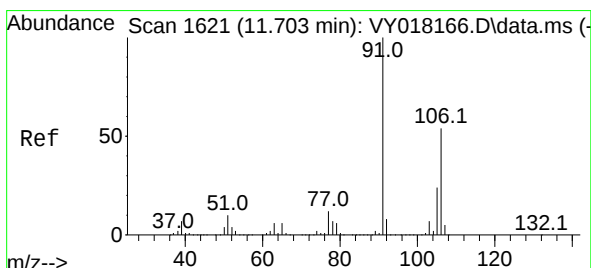
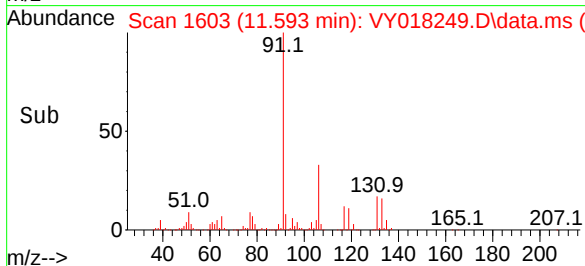
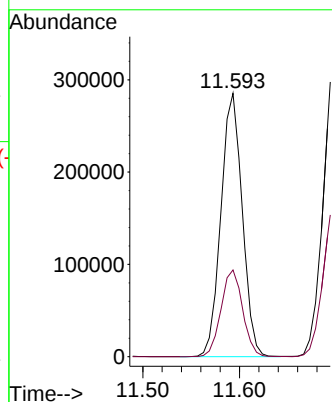
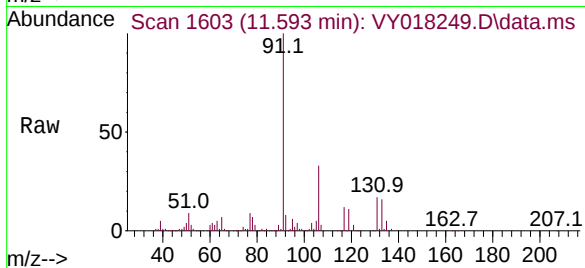
ClientSampleId :

Tgt Ion: 91 Resp: 436302

Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7



#68

m/p-Xylenes

Concen: 96.108 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018249.D

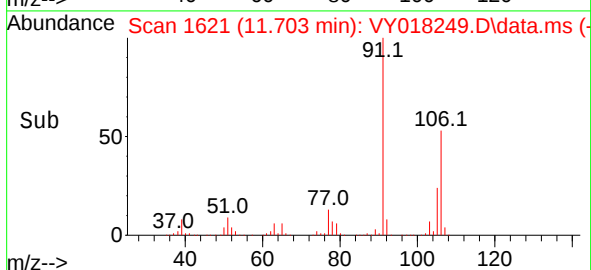
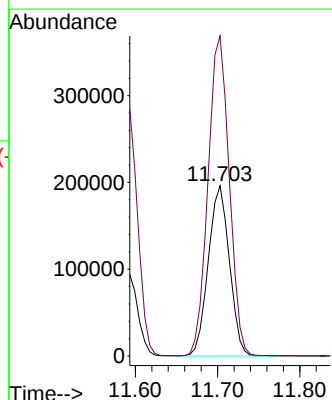
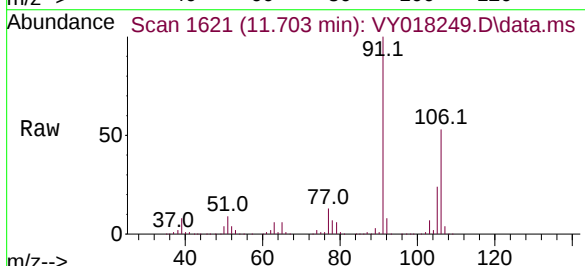
Acq: 13 May 2024 18:10

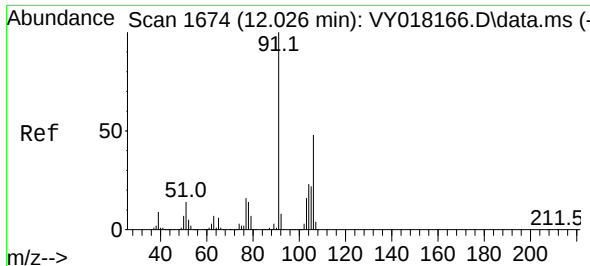
Tgt Ion:106 Resp: 349220

Ion Ratio Lower Upper

106 100

91 189.7 156.0 234.0





#69

o-Xylene

Concen: 48.569 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

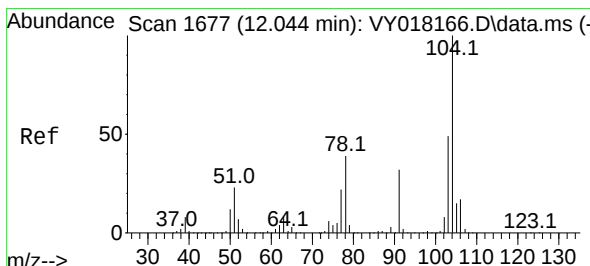
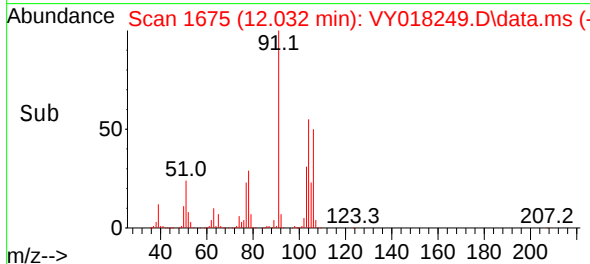
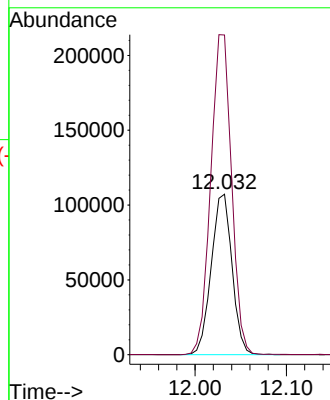
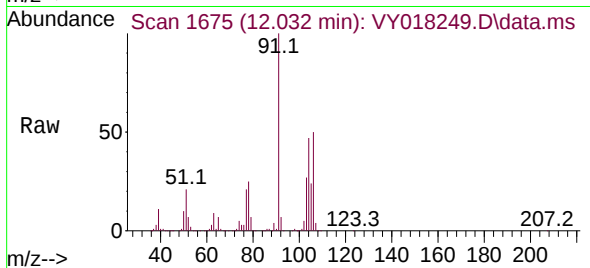
ClientSampleId :

Tgt Ion:106 Resp: 169364

Ion Ratio Lower Upper

106 100

91 200.1 103.6 310.8



#70

Styrene

Concen: 48.186 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

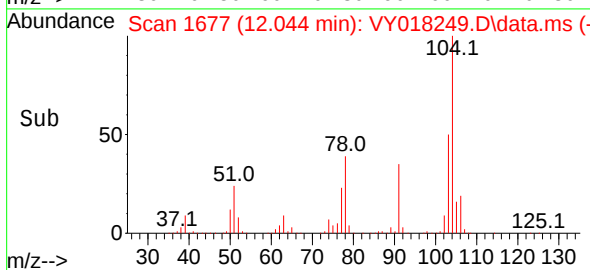
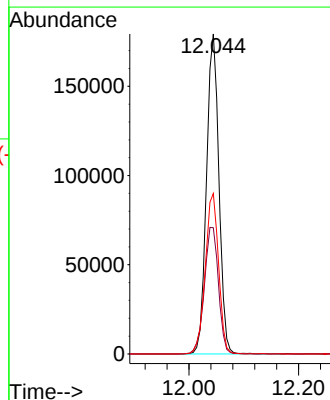
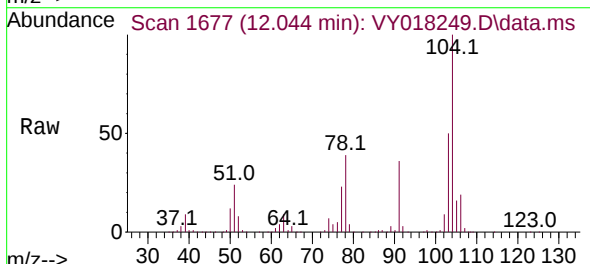
Tgt Ion:104 Resp: 280608

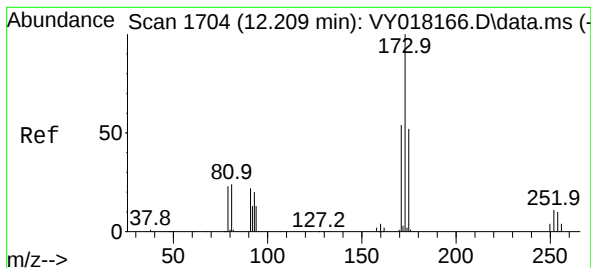
Ion Ratio Lower Upper

104 100

78 45.0 37.0 55.4

103 54.0 44.2 66.2





#71

Bromoform

Concen: 46.831 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

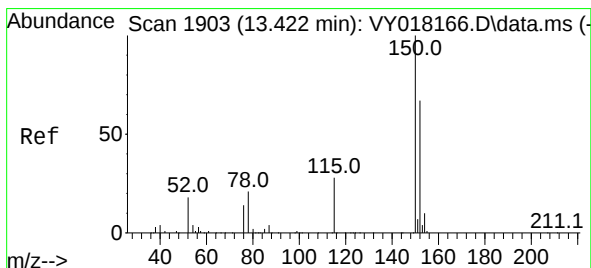
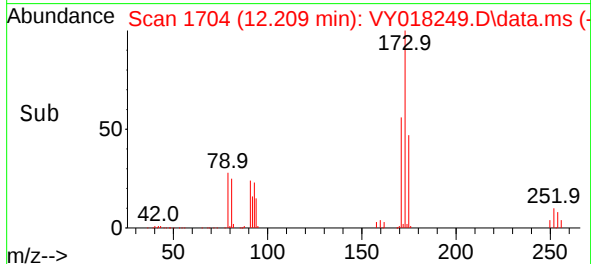
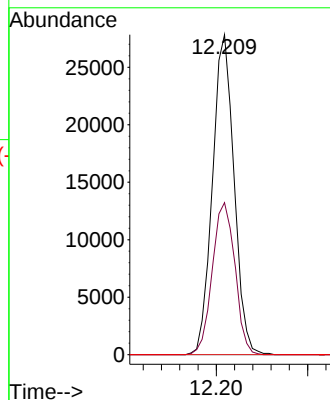
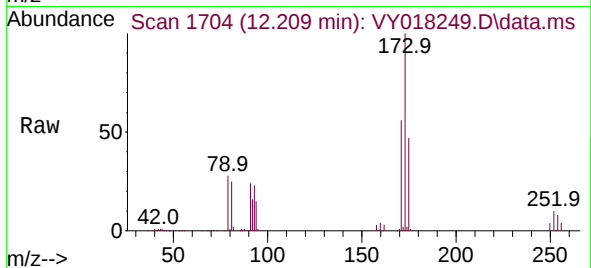
Tgt Ion:173 Resp: 45612

Ion Ratio Lower Upper

173 100

175 49.8 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: VY018249.D

Acq: 13 May 2024 18:10

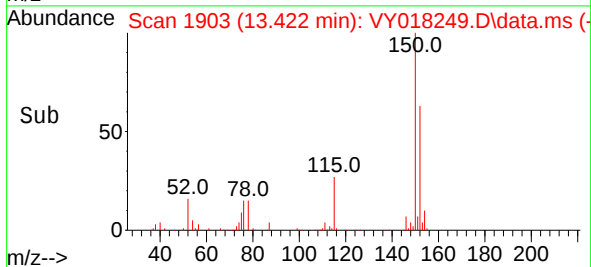
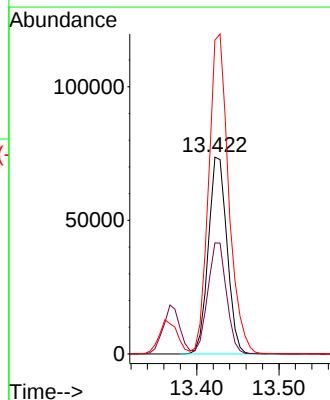
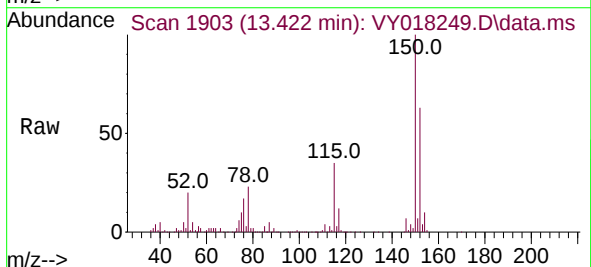
Tgt Ion:152 Resp: 116372

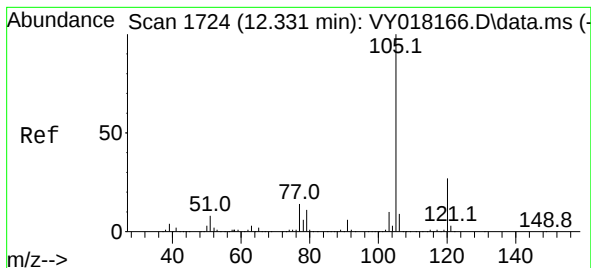
Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 174.5 0.0 345.6





#73

Isopropylbenzene

Concen: 47.922 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

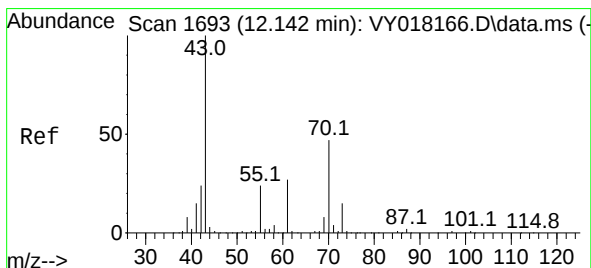
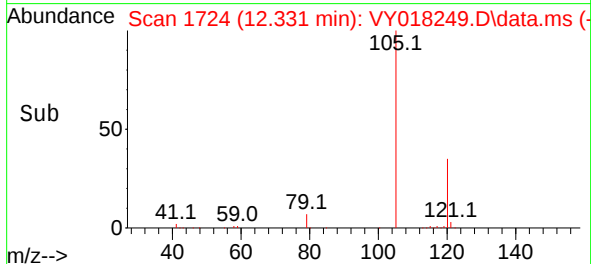
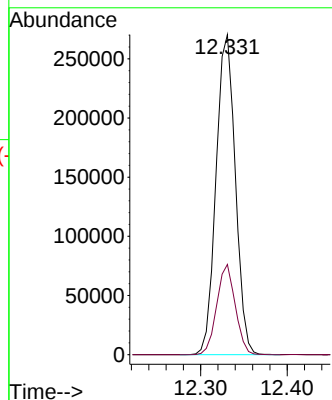
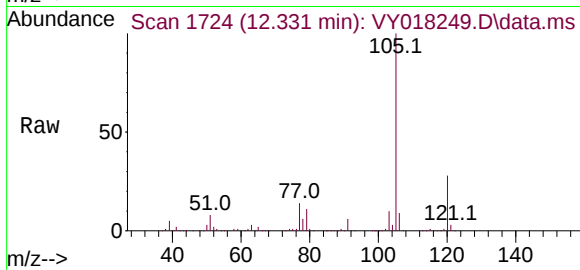
ClientSampleId :

Tgt Ion:105 Resp: 418121

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 52.637 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Tgt Ion: 43 Resp: 95337

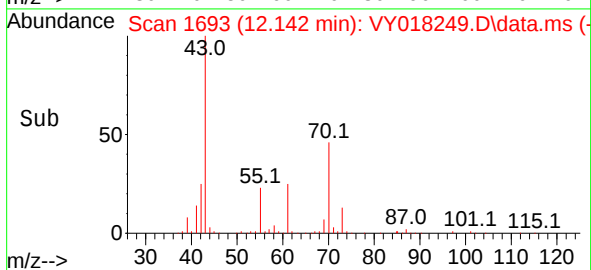
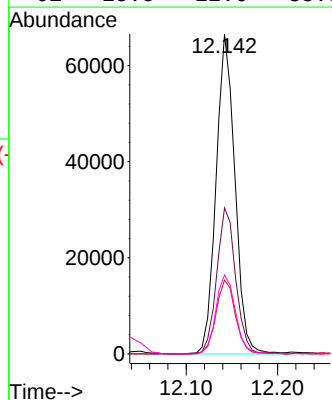
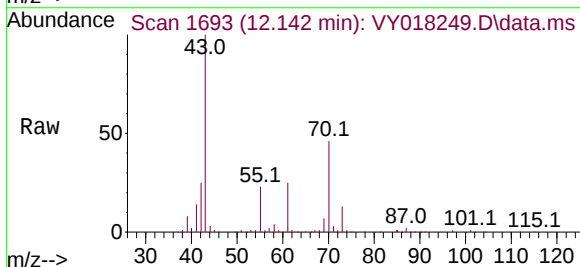
Ion Ratio Lower Upper

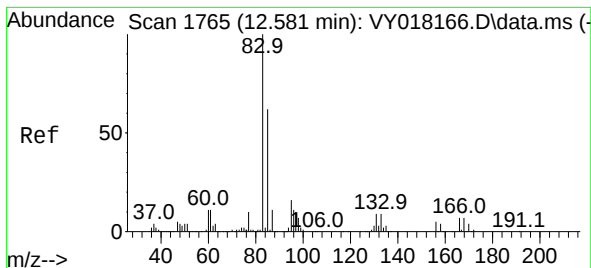
43 100

70 46.1 41.4 62.2

55 24.1 23.3 34.9

61 25.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.760 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

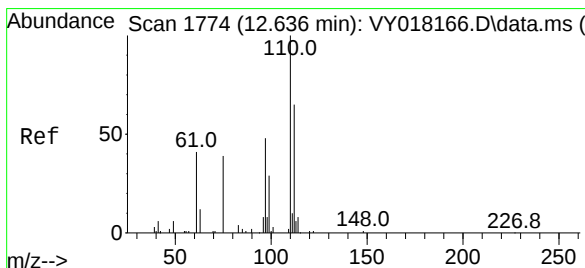
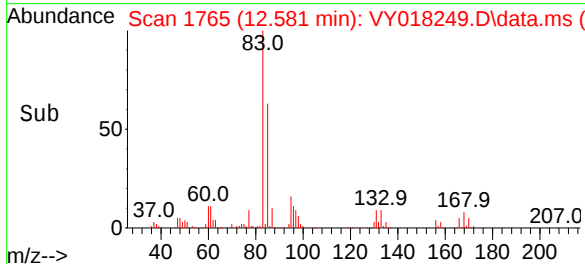
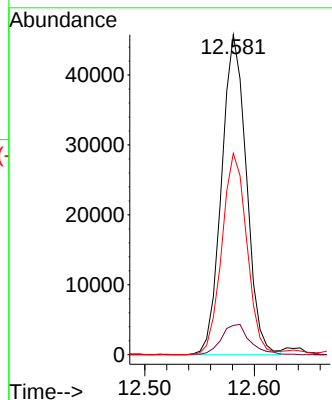
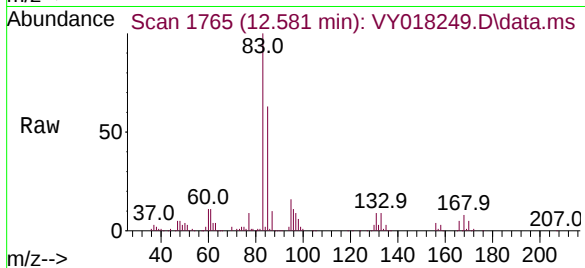
Tgt Ion: 83 Resp: 72042

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 63.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 94.310 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018249.D

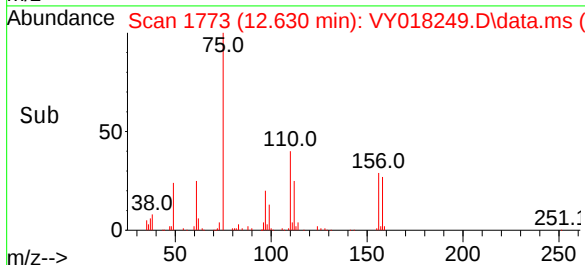
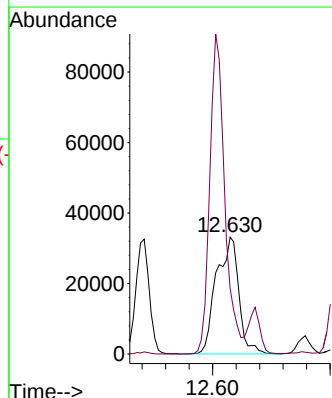
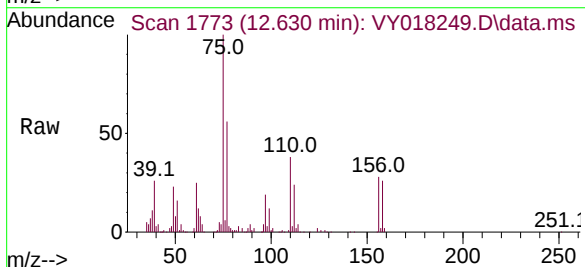
Acq: 13 May 2024 18:10

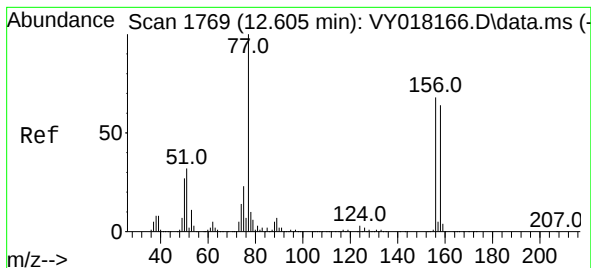
Tgt Ion: 75 Resp: 87848

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.030 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

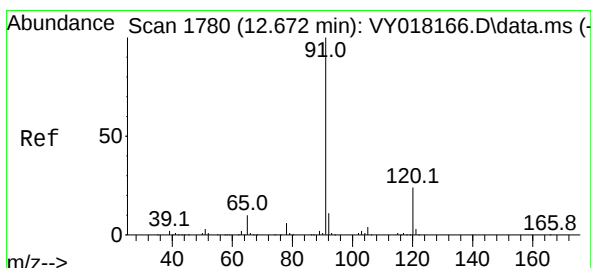
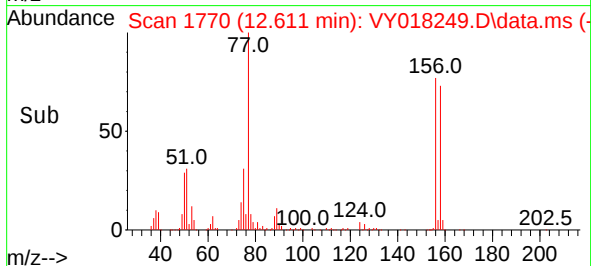
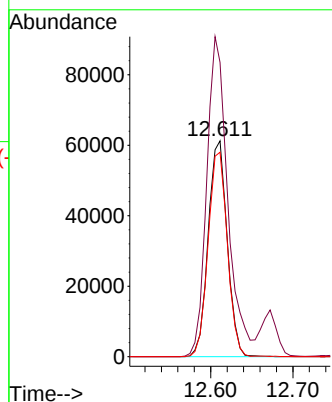
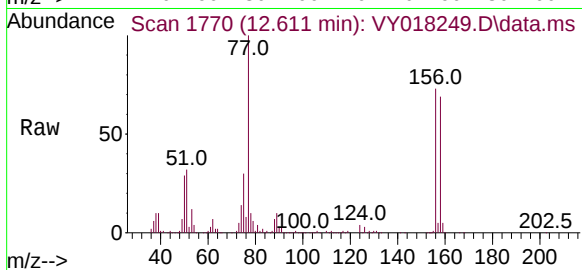
Tgt Ion:156 Resp: 98276

Ion Ratio Lower Upper

156 100

77 163.3 87.1 261.3

158 95.7 48.6 145.9



#78

n-propylbenzene

Concen: 47.912 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018249.D

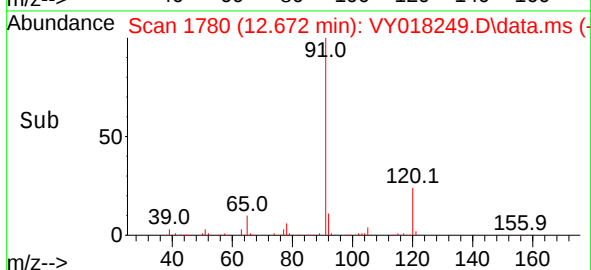
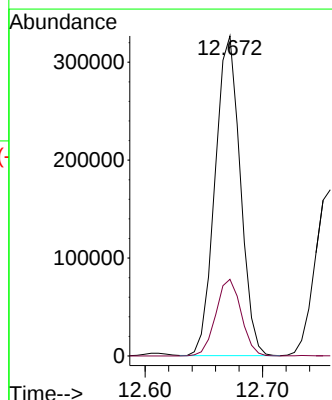
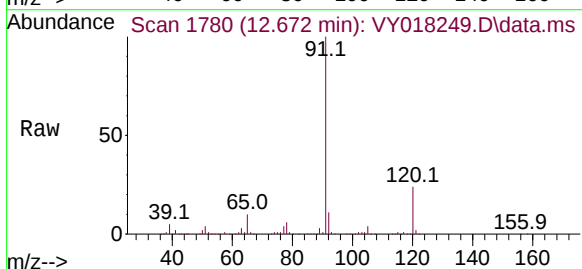
Acq: 13 May 2024 18:10

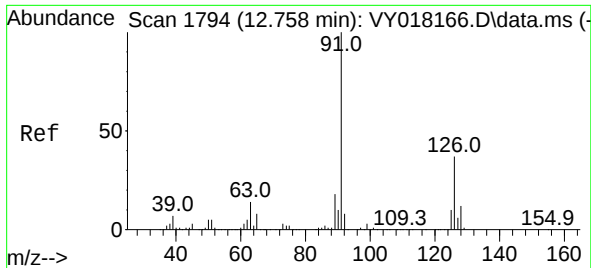
Tgt Ion: 91 Resp: 486240

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.793 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

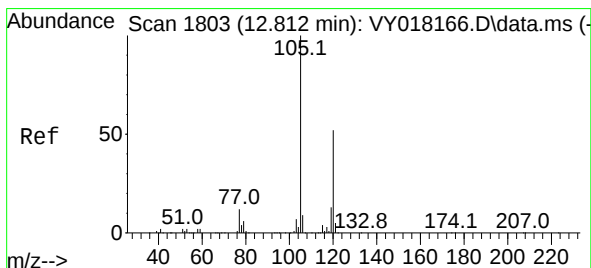
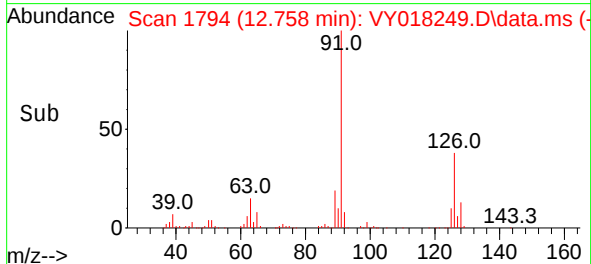
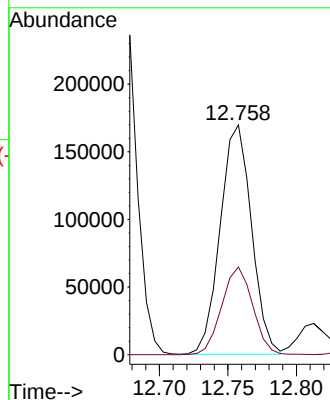
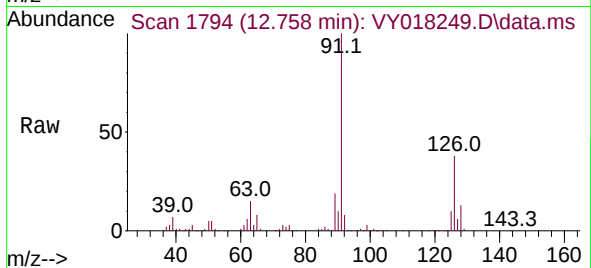
ClientSampleId :

Tgt Ion: 91 Resp: 269531

Ion Ratio Lower Upper

91 100

126 37.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 48.022 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018249.D

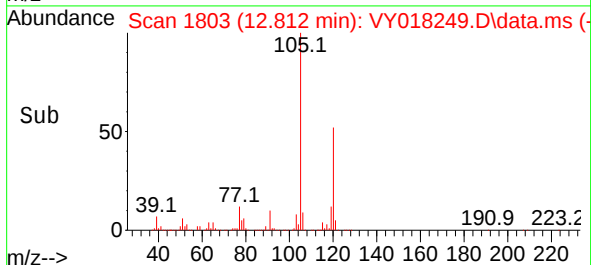
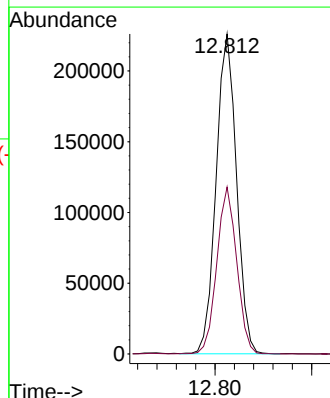
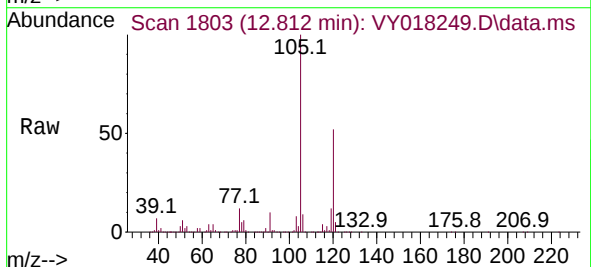
Acq: 13 May 2024 18:10

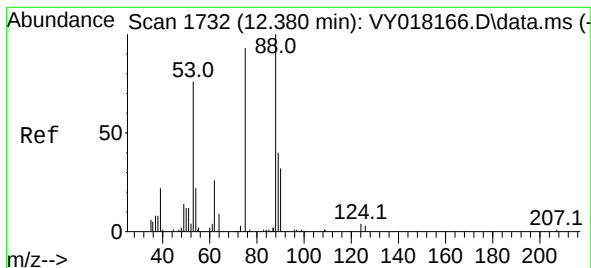
Tgt Ion:105 Resp: 330388

Ion Ratio Lower Upper

105 100

120 51.1 25.1 75.2

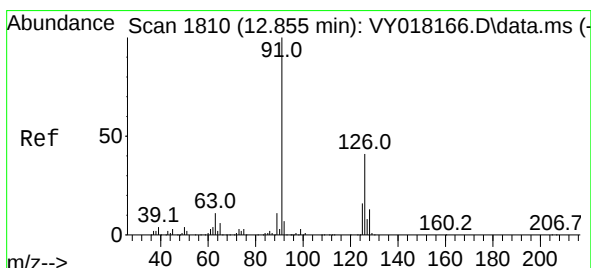
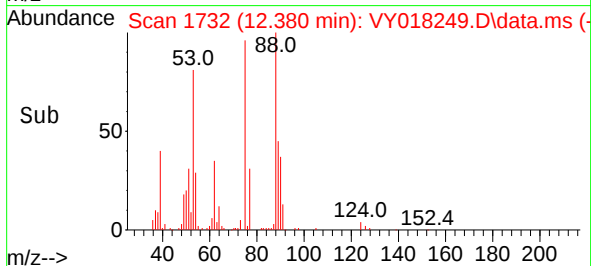
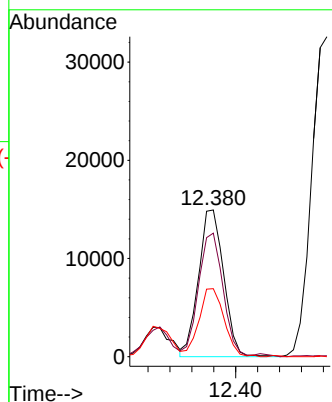
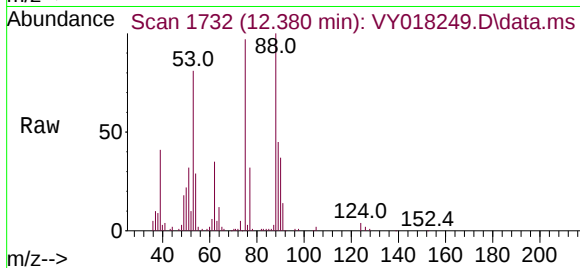




#81
trans-1,4-Dichloro-2-butene
Concen: 49.209 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

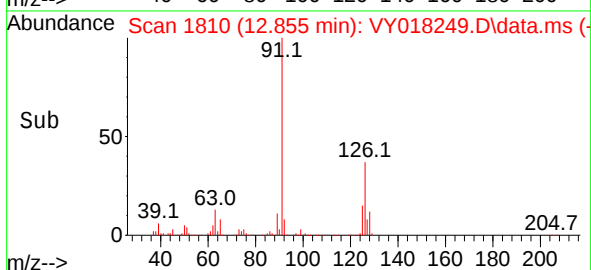
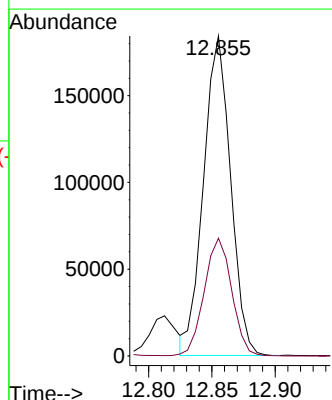
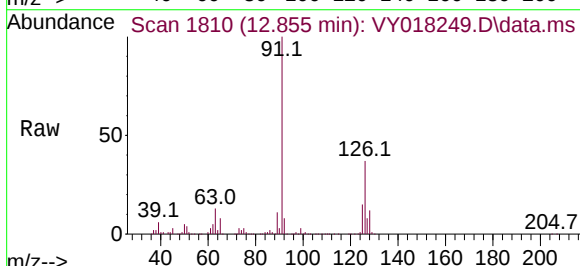
Instrument :
MSVOA_Y
ClientSampleId :

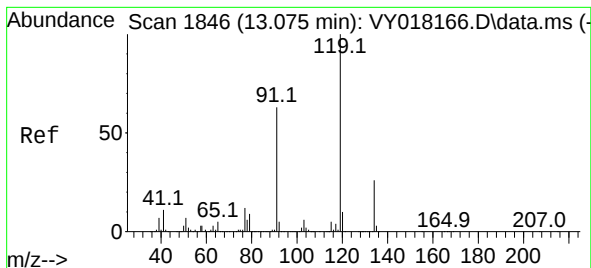
Tgt Ion: 75 Resp: 23791
Ion Ratio Lower Upper
75 100
53 80.4 66.8 100.2
89 46.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 48.366 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018249.D
Acq: 13 May 2024 18:10

Tgt Ion: 91 Resp: 273982
Ion Ratio Lower Upper
91 100
126 37.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 47.731 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

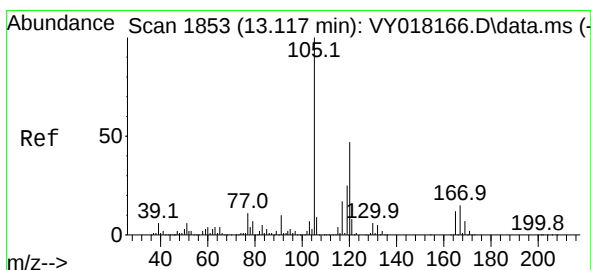
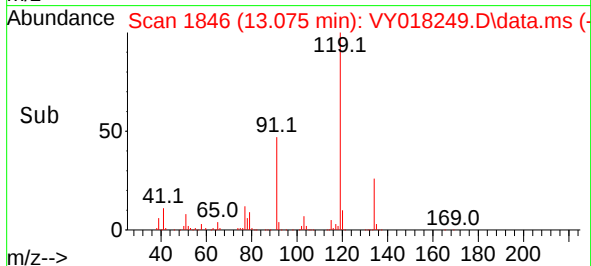
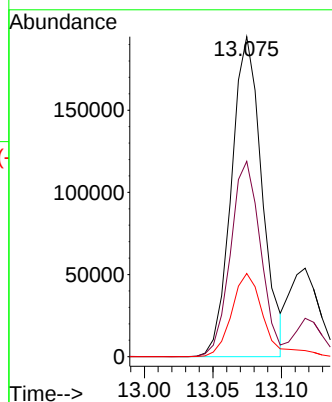
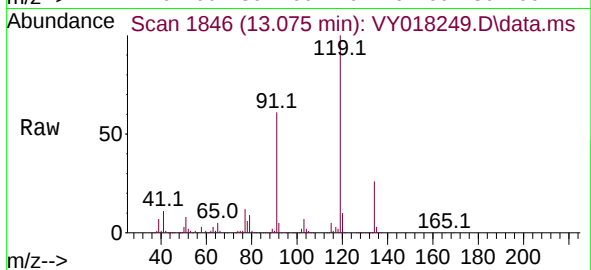
Tgt Ion:119 Resp: 302900

Ion Ratio Lower Upper

119 100

91 60.1 31.3 93.8

134 27.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.089 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018249.D

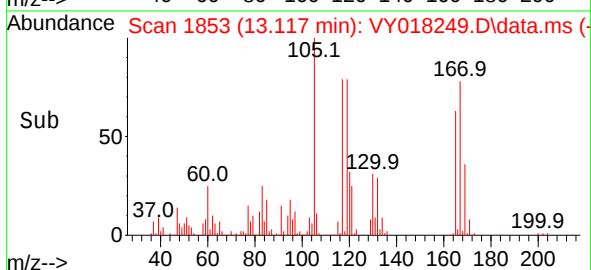
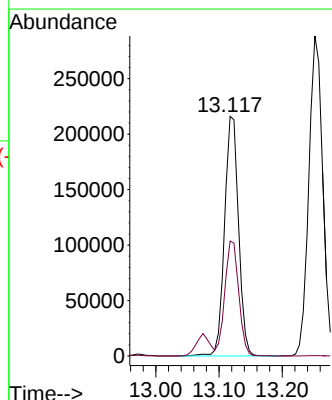
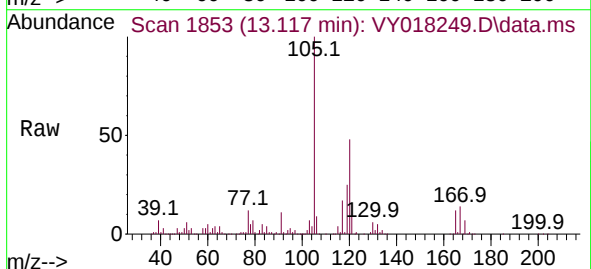
Acq: 13 May 2024 18:10

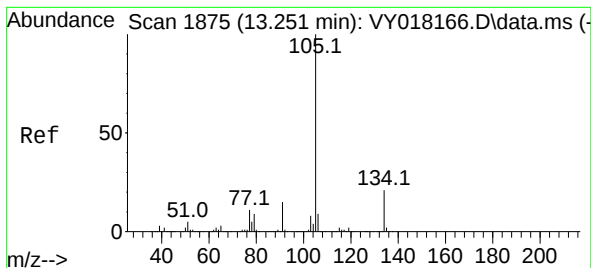
Tgt Ion:105 Resp: 330834

Ion Ratio Lower Upper

105 100

120 47.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 46.983 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

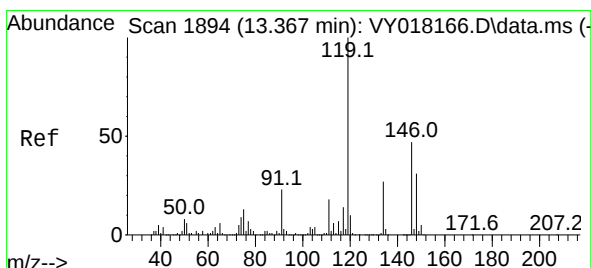
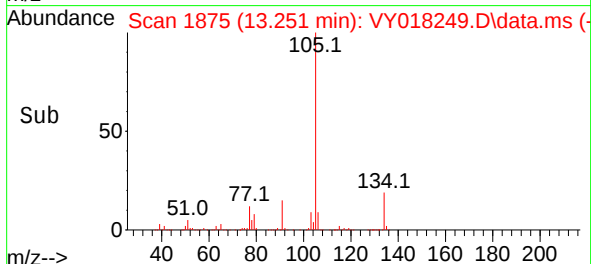
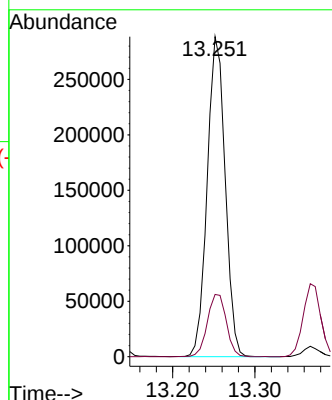
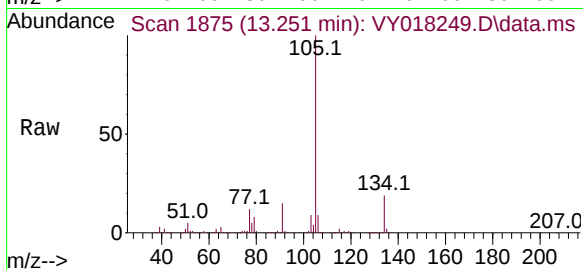
ClientSampleId :

Tgt Ion:105 Resp: 437346

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 47.516 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

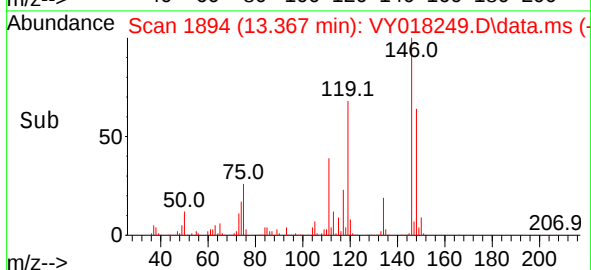
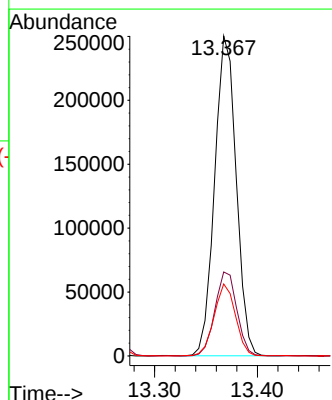
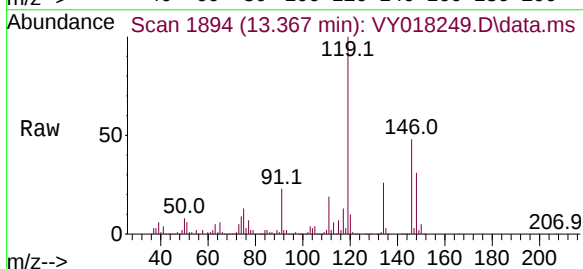
Tgt Ion:119 Resp: 363866

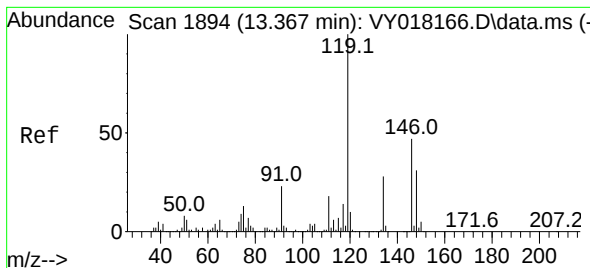
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 48.299 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

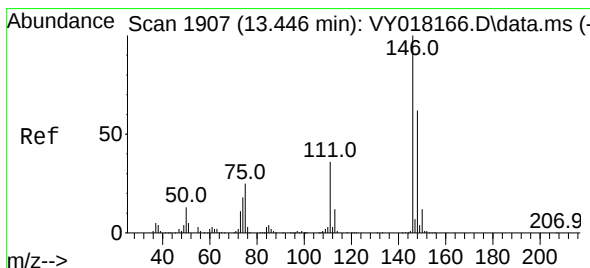
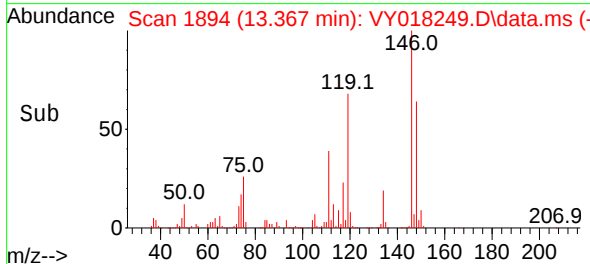
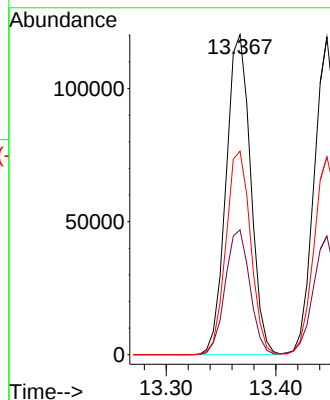
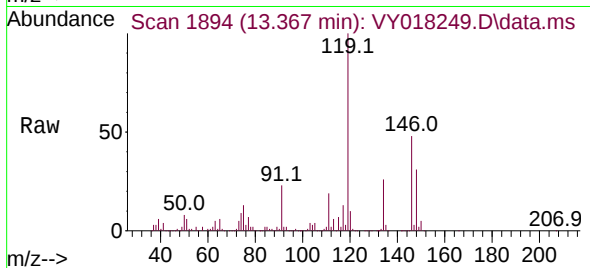
Tgt Ion:146 Resp: 186963

Ion Ratio Lower Upper

146 100

111 39.3 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.999 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

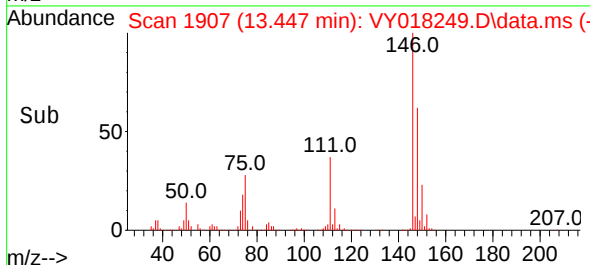
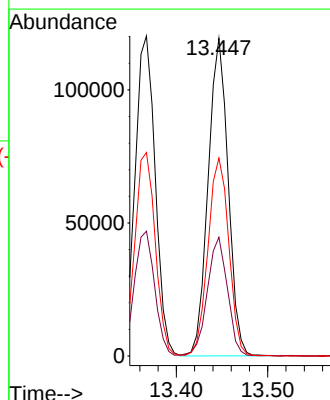
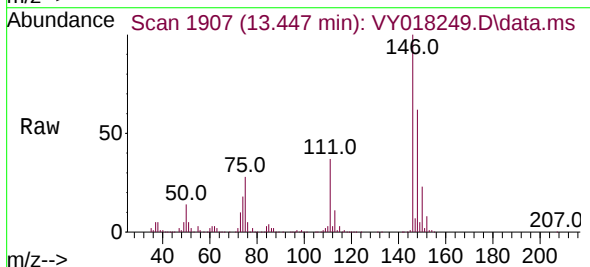
Tgt Ion:146 Resp: 181132

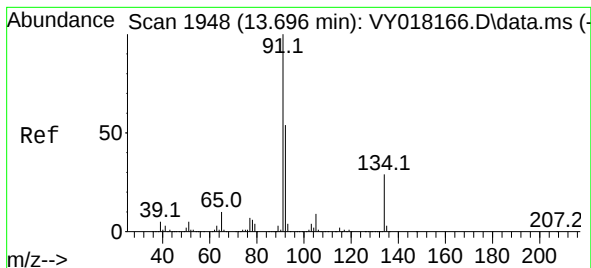
Ion Ratio Lower Upper

146 100

111 37.8 18.4 55.4

148 64.9 32.4 97.2





#89

n-Butylbenzene

Concen: 46.419 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

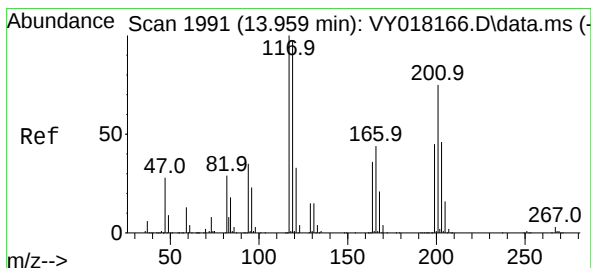
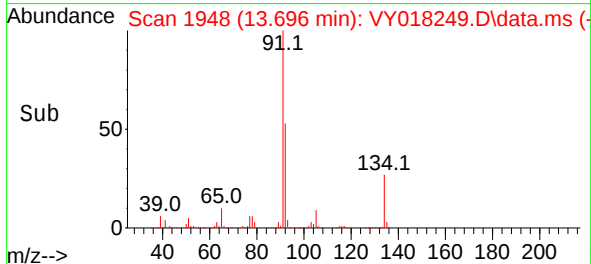
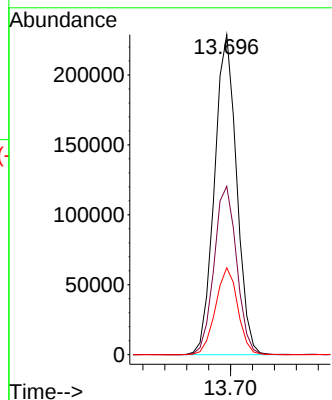
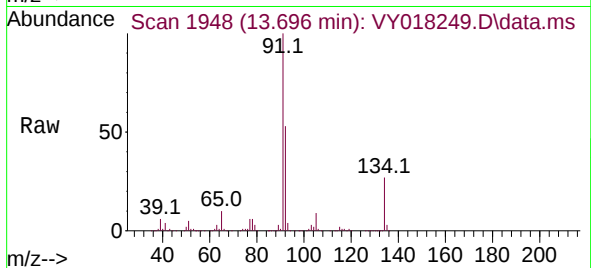
Tgt Ion: 91 Resp: 321697

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

134 27.2 12.9 38.7



#90

Hexachloroethane

Concen: 46.330 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018249.D

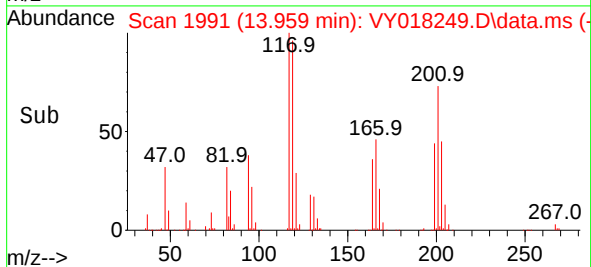
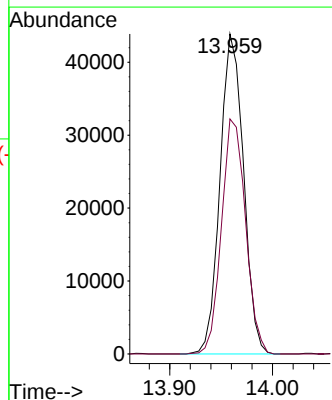
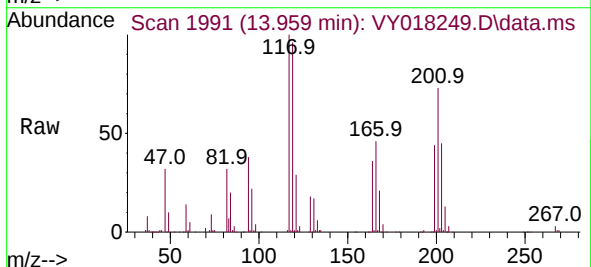
Acq: 13 May 2024 18:10

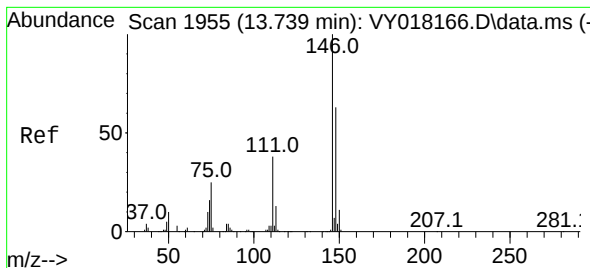
Tgt Ion: 117 Resp: 69602

Ion Ratio Lower Upper

117 100

201 75.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 49.320 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

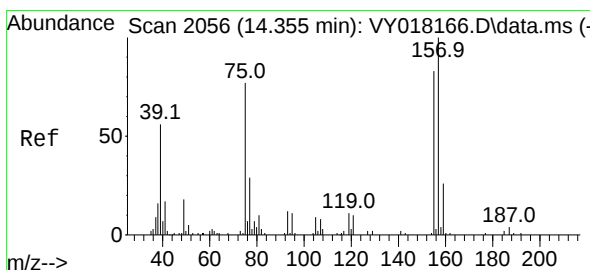
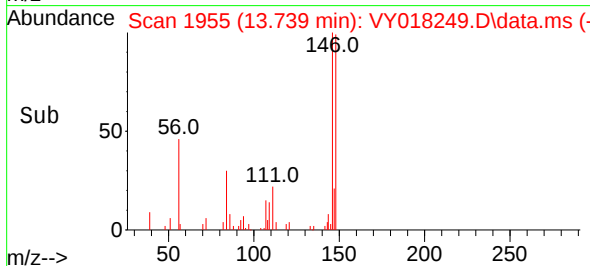
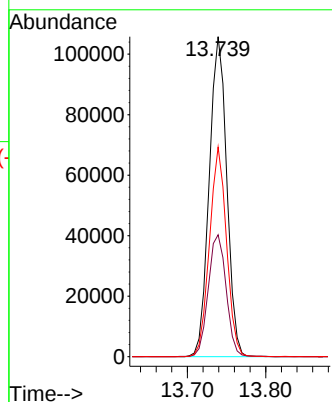
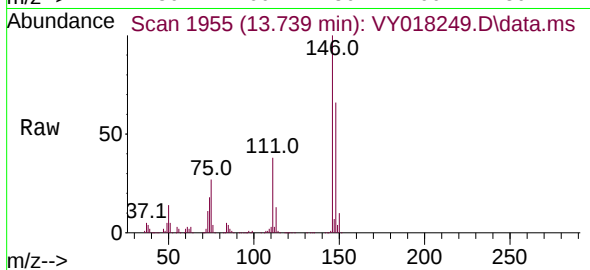
Tgt Ion:146 Resp: 164097

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.7

148 63.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.452 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

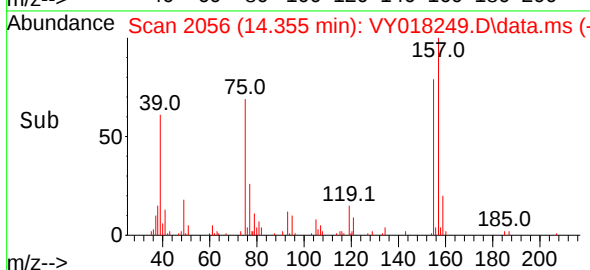
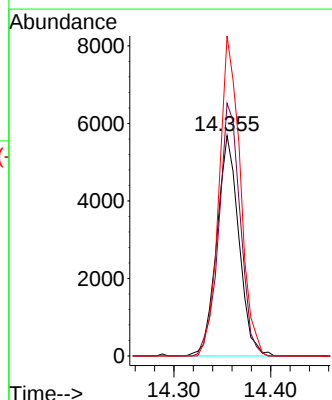
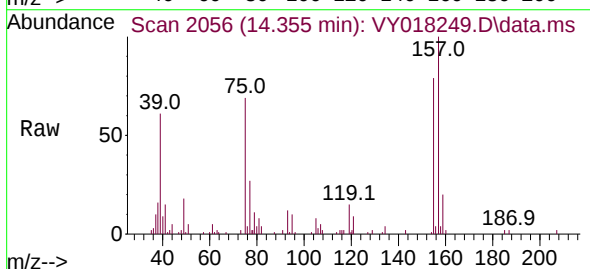
Tgt Ion: 75 Resp: 8993

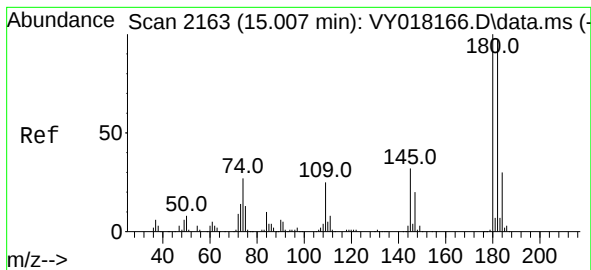
Ion Ratio Lower Upper

75 100

155 111.0 48.6 145.8

157 138.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.554 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

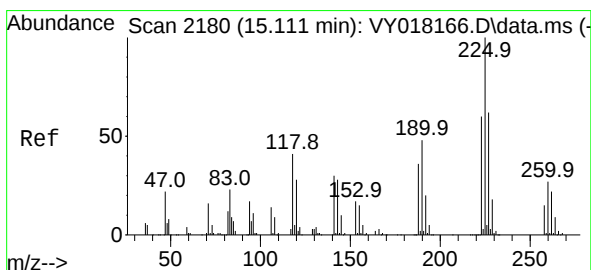
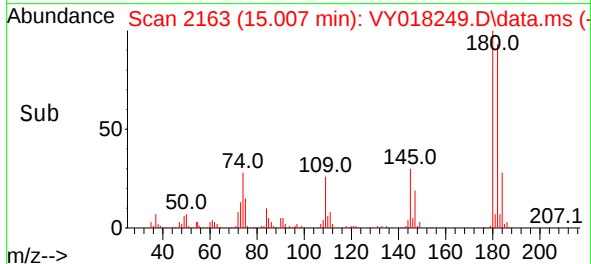
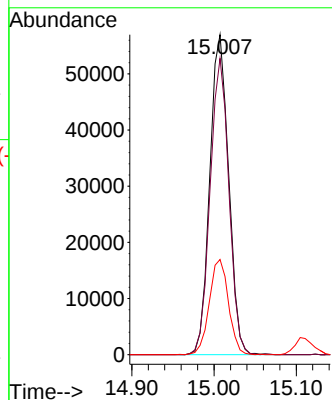
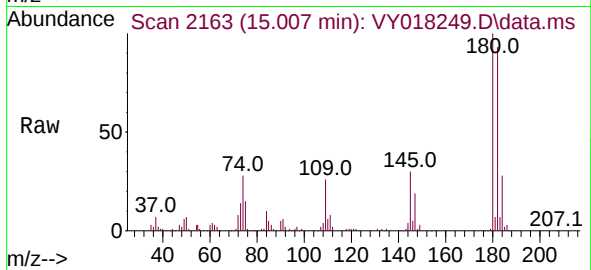
Tgt Ion:180 Resp: 90818

Ion Ratio Lower Upper

180 100

182 92.4 47.9 143.8

145 30.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.561 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

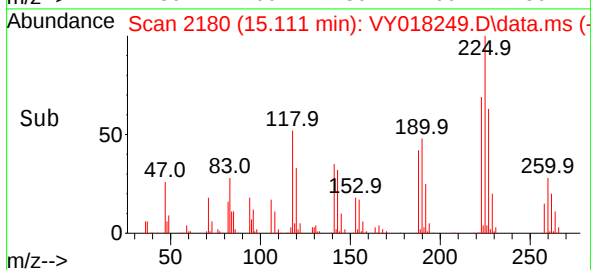
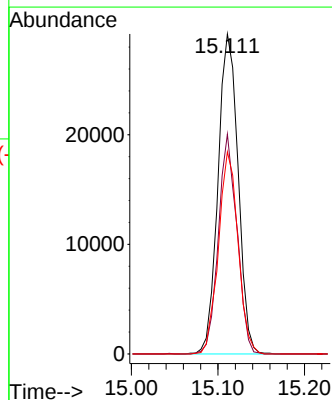
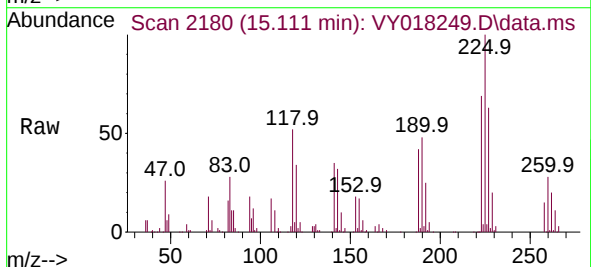
Tgt Ion:225 Resp: 47020

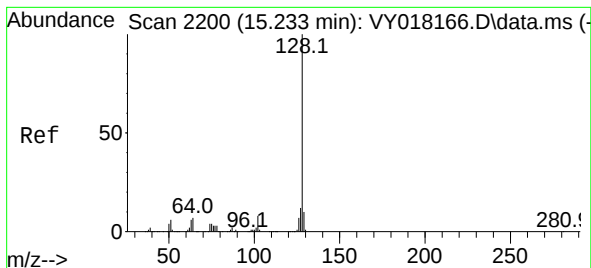
Ion Ratio Lower Upper

225 100

223 63.6 30.4 91.2

227 61.6 31.9 95.9





#95

Naphthalene

Concen: 51.418 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

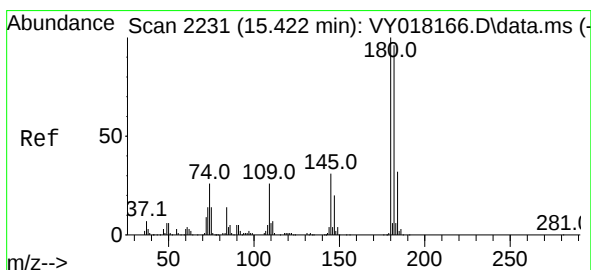
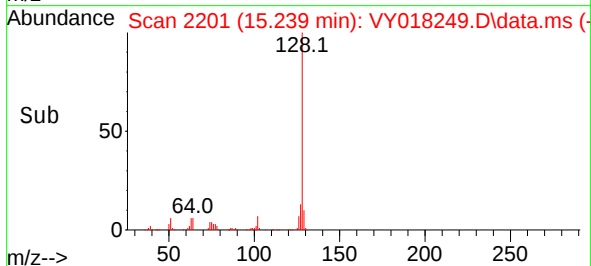
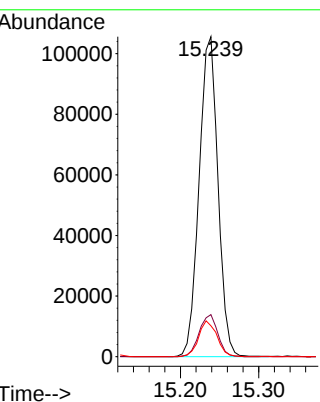
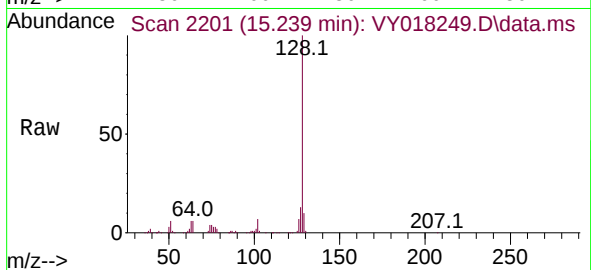
Tgt Ion:128 Resp: 176235

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.497 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018249.D

Acq: 13 May 2024 18:10

Tgt Ion:180 Resp: 74444

Ion Ratio Lower Upper

180 100

182 95.8 47.6 142.9

145 32.9 15.4 46.1

