

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018239.D
 Acq On : 13 May 2024 13:26
 Operator : SY/MD
 Sample : VY0513SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:27:38 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	204671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	347481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89776	59.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.240%	
35) Dibromofluoromethane	7.710	113	102800	56.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.580%	
50) Toluene-d8	10.179	98	416632	57.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.800%	
62) 4-Bromofluorobenzene	12.483	95	127731	54.962	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.920%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	36533	22.508	ug/l 95
3) Chloromethane	2.107	50	49612	22.834	ug/l 98
4) Vinyl Chloride	2.247	62	59234	22.489	ug/l 98
5) Bromomethane	2.637	94	40748	22.277	ug/l 100
6) Chloroethane	2.784	64	37303	22.316	ug/l 95
7) Trichlorofluoromethane	3.113	101	64630	20.949	ug/l 97
8) Diethyl Ether	3.521	74	20324	20.012	ug/l 100
9) 1,1,2-Trichlorotrifluo...	3.893	101	40041	20.365	ug/l 97
10) Methyl Iodide	4.082	142	45155	19.667	ug/l 98
11) Tert butyl alcohol	4.936	59	18020	130.507	ug/l 100
12) 1,1-Dichloroethene	3.863	96	40856	20.641	ug/l 99
13) Acrolein	3.723	56	23322	156.811	ug/l 97
14) Allyl chloride	4.466	41	52854	20.990	ug/l 98
15) Acrylonitrile	5.155	53	40327	103.253	ug/l 99
16) Acetone	3.942	43	29752	99.016	ug/l 88
17) Carbon Disulfide	4.186	76	124305	23.068	ug/l 99
18) Methyl Acetate	4.472	43	17028	19.894	ug/l 97
19) Methyl tert-butyl Ether	5.210	73	88464	20.064	ug/l 99
20) Methylene Chloride	4.704	84	56782	26.736	ug/l 98
21) trans-1,2-Dichloroethene	5.210	96	44543	21.230	ug/l 96
22) Diisopropyl ether	6.112	45	108651	20.341	ug/l 95
23) Vinyl Acetate	6.051	43	335819	103.437	ug/l 99
24) 1,1-Dichloroethane	6.009	63	68445	20.804	ug/l 100
25) 2-Butanone	6.984	43	49029	102.077	ug/l 89
26) 2,2-Dichloropropane	6.978	77	61837	20.767	ug/l 99
27) cis-1,2-Dichloroethene	6.984	96	51511	20.774	ug/l 95
28) Bromochloromethane	7.326	49	23595	17.943	ug/l 95
29) Tetrahydrofuran	7.344	42	31610	99.701	ug/l 98
30) Chloroform	7.502	83	69107	20.121	ug/l 99
31) Cyclohexane	7.783	56	66862	21.602	ug/l 95
32) 1,1,1-Trichloroethane	7.697	97	62738	20.380	ug/l 98
36) 1,1-Dichloropropene	7.911	75	53400	20.398	ug/l 98
37) Ethyl Acetate	7.069	43	20915	18.981	ug/l # 95
38) Carbon Tetrachloride	7.899	117	55911	19.546	ug/l 100
39) Methylcyclohexane	9.179	83	76557	20.270	ug/l 96
40) Benzene	8.155	78	169430	20.120	ug/l 96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	29348	46.124	ug/l #	25
42) 1,2-Dichloroethane	8.234	62	37318	20.368	ug/l	97
43) Isopropyl Acetate	8.264	43	44461	19.686	ug/l	97
44) Trichloroethene	8.935	130	44776	19.532	ug/l	99
45) 1,2-Dichloropropane	9.215	63	37226	20.220	ug/l	99
46) Dibromomethane	9.301	93	20661	19.522	ug/l	97
47) Bromodichloromethane	9.496	83	50583	19.332	ug/l	95
48) Methyl methacrylate	9.289	41	19172	18.522	ug/l	91
49) 1,4-Dioxane	9.301	88	5352	380.963	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	108499	95.580	ug/l	95
52) Toluene	10.240	92	107751	19.876	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	47423	19.404	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	58385	19.544	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	27721	19.066	ug/l	95
56) Ethyl methacrylate	10.508	69	37457	18.969	ug/l	91
57) 1,3-Dichloropropane	10.788	76	46415	19.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	98705	104.684	ug/l	92
59) 2-Hexanone	10.831	43	75015	94.512	ug/l	93
60) Dibromochloromethane	10.983	129	35265	18.695	ug/l	98
61) 1,2-Dibromoethane	11.087	107	26816	19.582	ug/l	98
64) Tetrachloroethene	10.721	164	38601	19.711	ug/l	95
65) Chlorobenzene	11.514	112	117177	19.560	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	36802	18.992	ug/l	98
67) Ethyl Benzene	11.593	91	200045	19.778	ug/l	93
68) m/p-Xylenes	11.703	106	160684	40.172	ug/l	95
69) o-Xylene	12.026	106	75464	19.660	ug/l	96
70) Styrene	12.044	104	125033	19.505	ug/l	98
71) Bromoform	12.209	173	19324	18.024	ug/l #	99
73) Isopropylbenzene	12.331	105	191150	19.354	ug/l	97
74) N-amyl acetate	12.142	43	37535	18.307	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	29451	18.693	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	36981	35.072	ug/l #	100
77) Bromobenzene	12.611	156	43730	19.273	ug/l	96
78) n-propylbenzene	12.672	91	228211	19.865	ug/l	98
79) 2-Chlorotoluene	12.757	91	123704	19.378	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	153874	19.758	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	10091	18.438	ug/l	96
82) 4-Chlorotoluene	12.855	91	126877	19.786	ug/l	97
83) tert-Butylbenzene	13.074	119	139596	19.433	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	148457	19.460	ug/l	97
85) sec-Butylbenzene	13.251	105	209436	19.876	ug/l	100
86) p-Isopropyltoluene	13.367	119	170685	19.690	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	84817	19.356	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	82850	19.395	ug/l	98
89) n-Butylbenzene	13.696	91	155071	19.767	ug/l	99
90) Hexachloroethane	13.965	117	30533	17.954	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	73496	19.514	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4195	19.554	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	40147	18.961	ug/l	98
94) Hexachlorobutadiene	15.111	225	21723	18.595	ug/l	98
95) Naphthalene	15.239	128	73461	18.934	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	32861	18.911	ug/l	98

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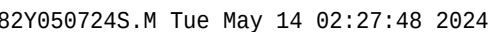
Instrument :
MSVOA_Y
ClientSampleId :

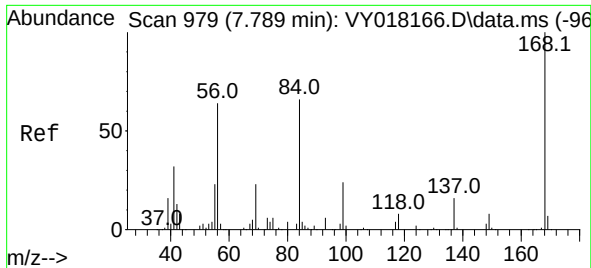
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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

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

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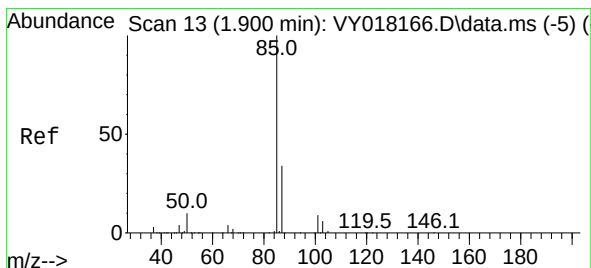
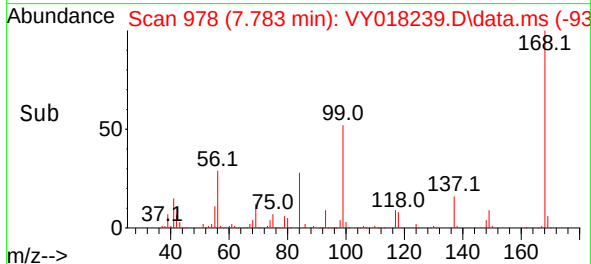
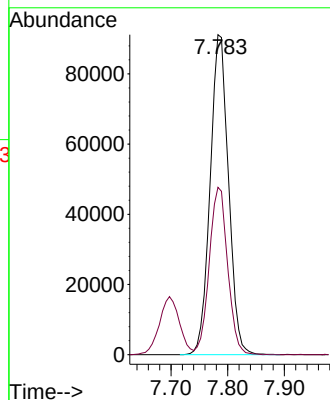
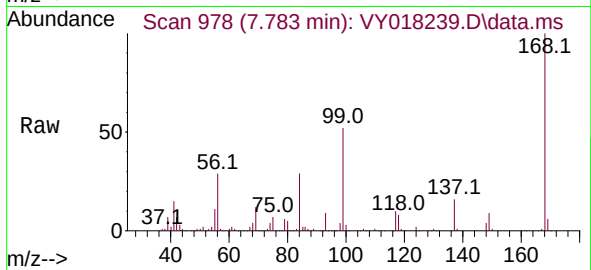




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018239.D
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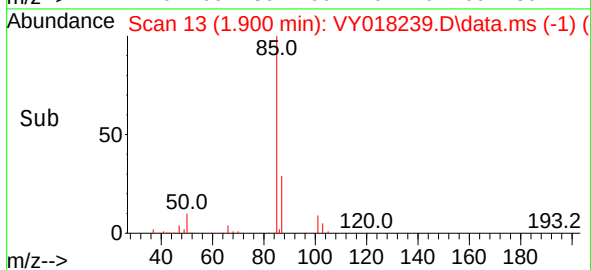
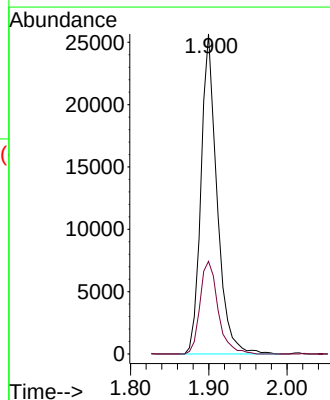
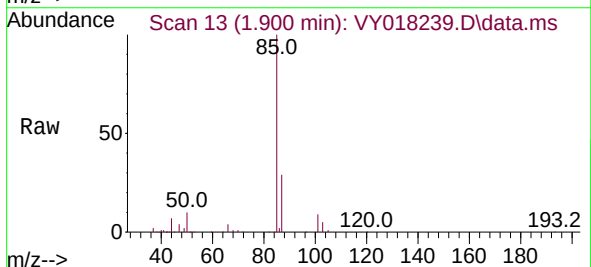
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 204671
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7

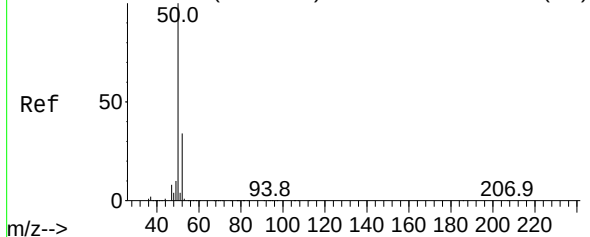


#2
Dichlorodifluoromethane
Concen: 22.508 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion: 85 Resp: 36533
Ion Ratio Lower Upper
85 100
87 29.0 16.0 48.0



Abundance Scan 47 (2.107 min): VY018166.D\data.ms (-40)



#3

Chloromethane

Concen: 22.834 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

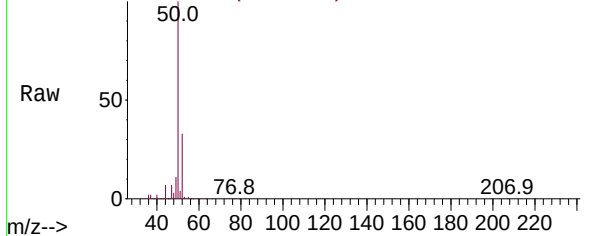
Tgt Ion: 50 Resp: 49612

Ion Ratio Lower Upper

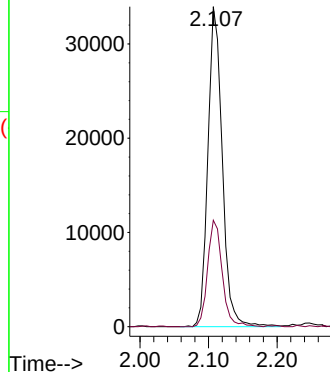
50 100

52 33.3 25.6 38.4

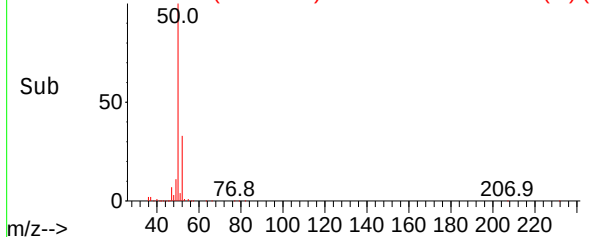
Abundance Scan 47 (2.107 min): VY018239.D\data.ms



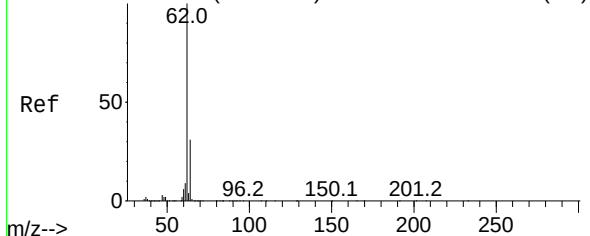
Abundance



Abundance Scan 47 (2.107 min): VY018239.D\data.ms (-1)



Abundance Scan 69 (2.241 min): VY018166.D\data.ms (-60)



#4

Vinyl Chloride

Concen: 22.489 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

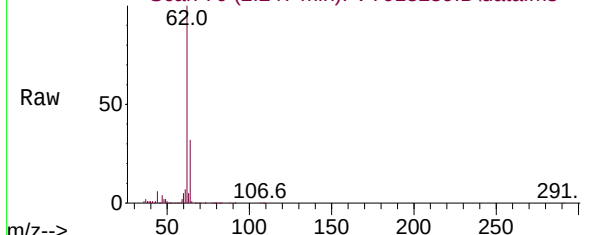
Tgt Ion: 62 Resp: 59234

Ion Ratio Lower Upper

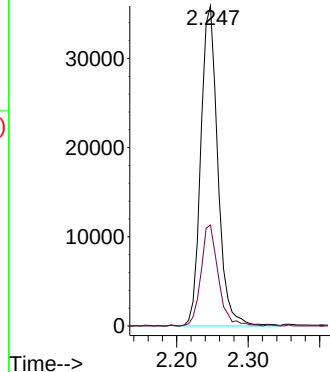
62 100

64 31.6 26.1 39.1

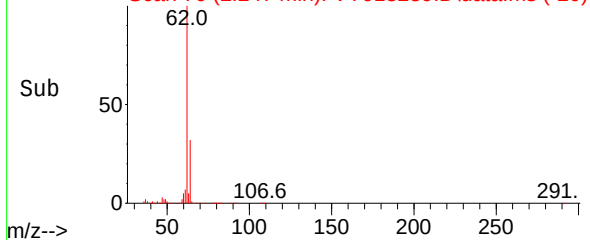
Abundance Scan 70 (2.247 min): VY018239.D\data.ms

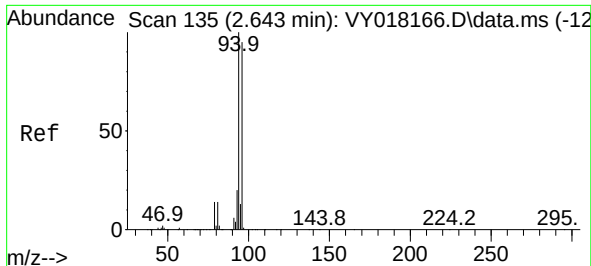


Abundance



Abundance Scan 70 (2.247 min): VY018239.D\data.ms (-20)

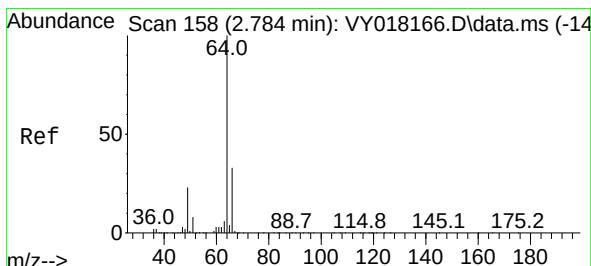
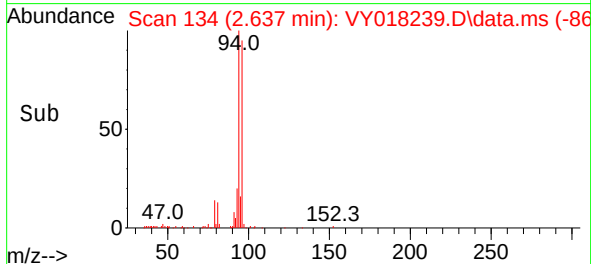
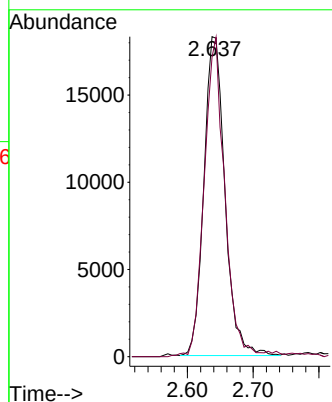
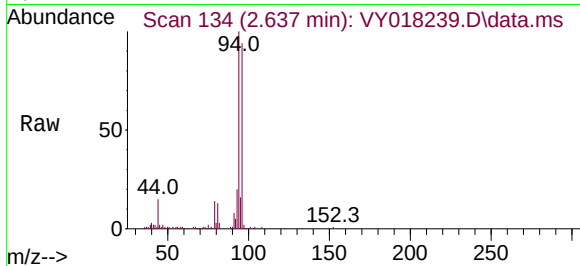




#5
Bromomethane
Concen: 22.277 ug/l
RT: 2.637 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

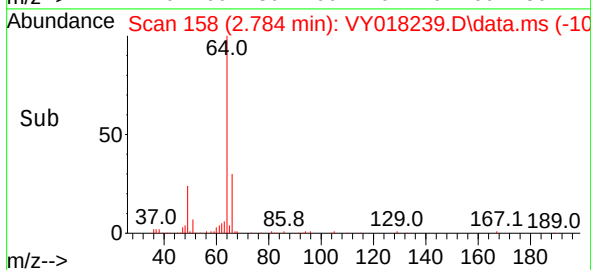
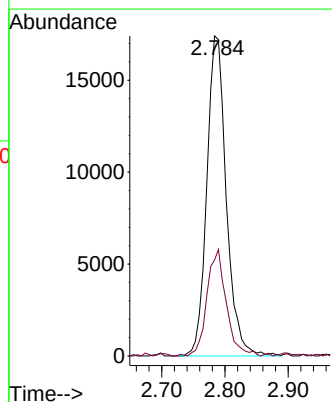
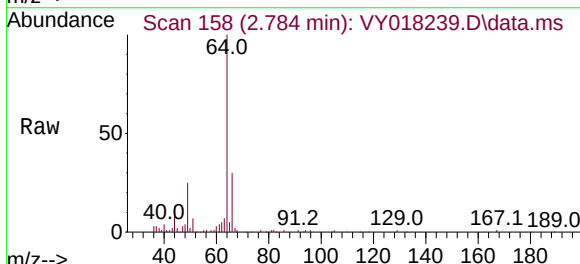
Instrument :
MSVOA_Y
ClientSampleId :

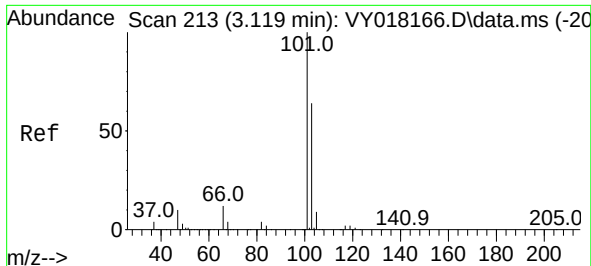
Tgt Ion: 94 Resp: 40748
Ion Ratio Lower Upper
94 100
96 93.0 74.1 111.1



#6
Chloroethane
Concen: 22.316 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion: 64 Resp: 37303
Ion Ratio Lower Upper
64 100
66 29.6 26.1 39.1

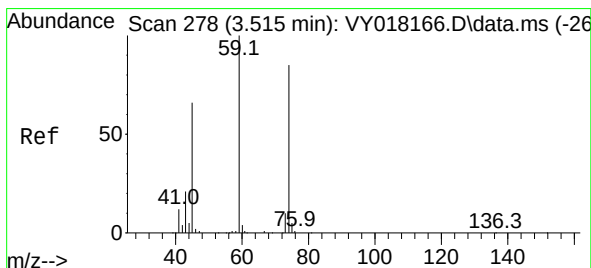
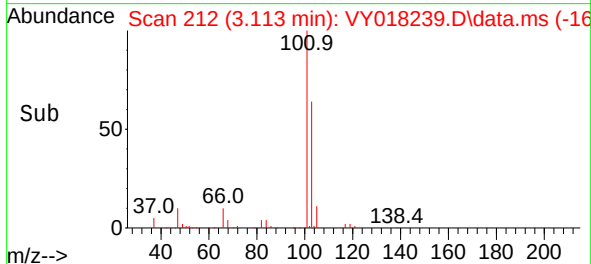
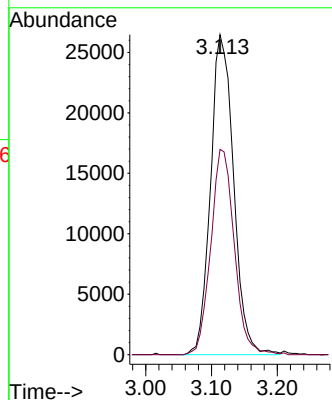
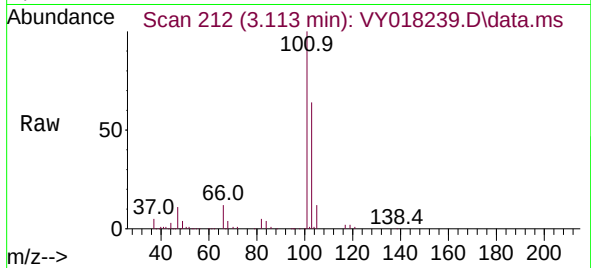




#7
 Trichlorofluoromethane
 Concen: 20.949 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY018239.D
 Acq: 13 May 2024 13:26

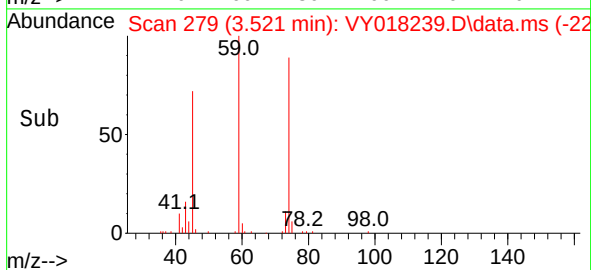
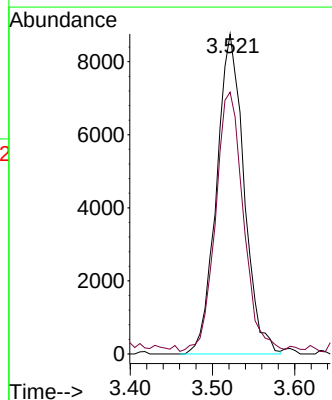
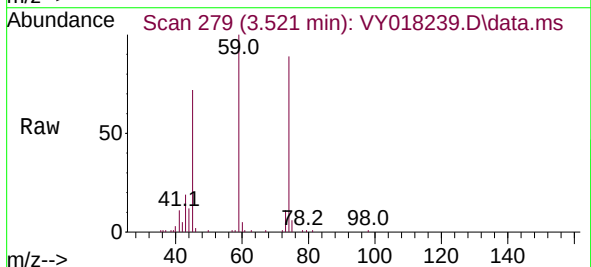
Instrument :
 MSVOA_Y
 ClientSampleId :

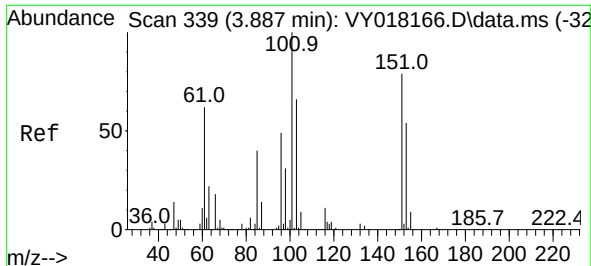
Tgt Ion:101 Resp: 64630
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.012 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018239.D
 Acq: 13 May 2024 13:26

Tgt Ion: 74 Resp: 20324
 Ion Ratio Lower Upper
 74 100
 45 82.3 41.3 124.1

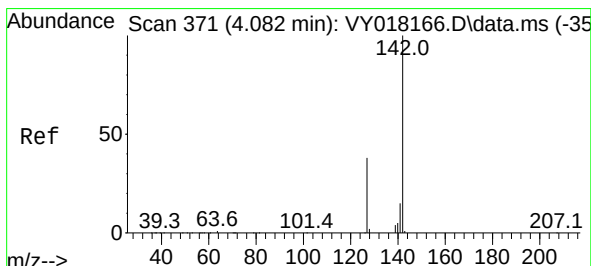
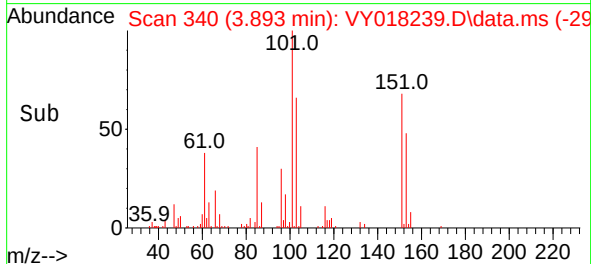
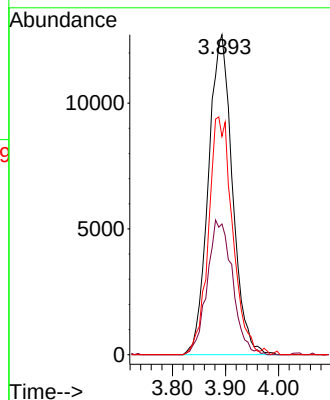
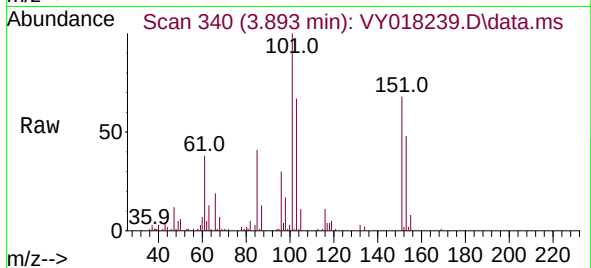




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.365 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

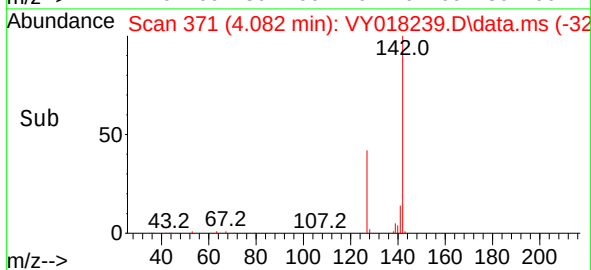
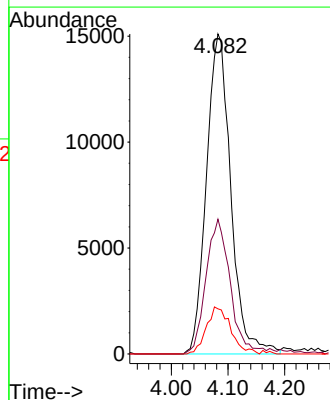
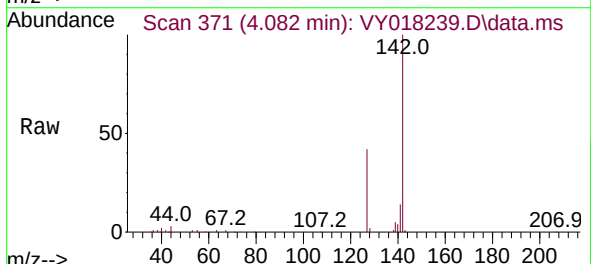
Instrument :
MSVOA_Y
ClientSampleId :

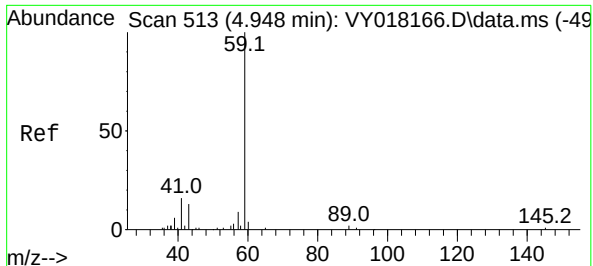
Tgt Ion:101 Resp: 40041
Ion Ratio Lower Upper
101 100
85 44.1 34.5 51.7
151 74.4 61.7 92.5



#10
Methyl Iodide
Concen: 19.667 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion:142 Resp: 45155
Ion Ratio Lower Upper
142 100
127 42.2 32.8 49.2
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 130.507 ug/l

RT: 4.936 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

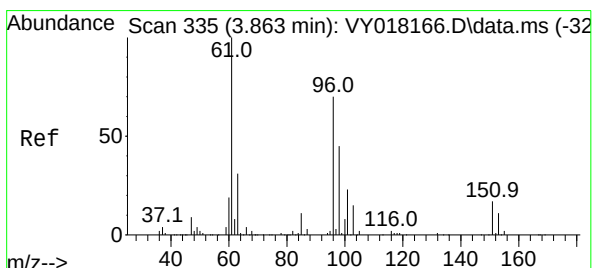
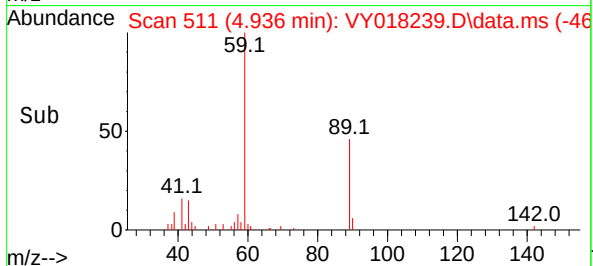
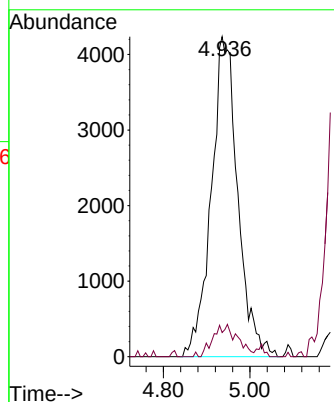
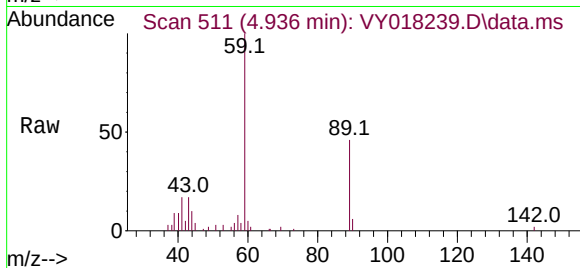
ClientSampleId :

Tgt Ion: 59 Resp: 18020

Ion Ratio Lower Upper

59 100

57 3.9 3.0 4.6



#12

1,1-Dichloroethene

Concen: 20.641 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

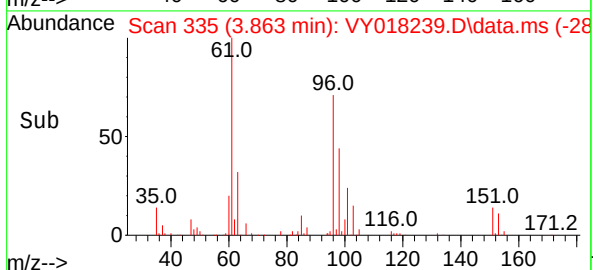
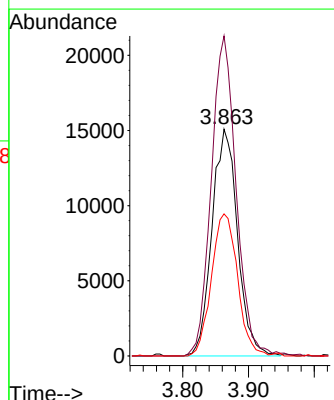
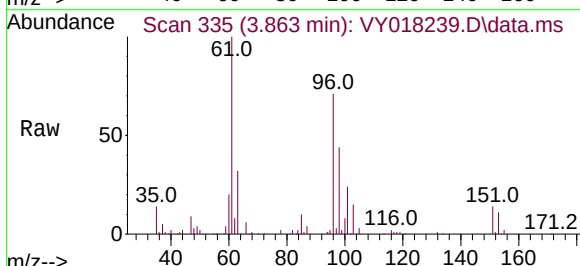
Tgt Ion: 96 Resp: 40856

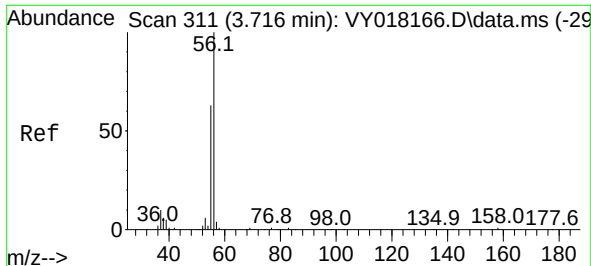
Ion Ratio Lower Upper

96 100

61 141.1 114.6 171.8

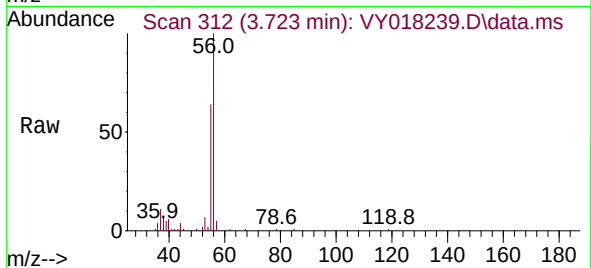
98 62.7 50.8 76.2



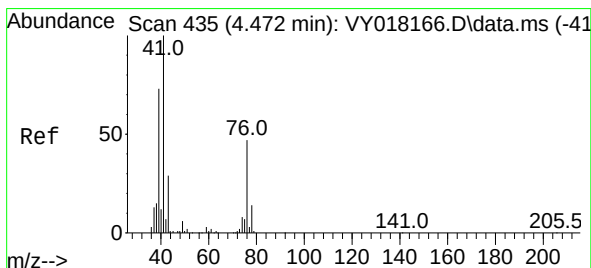
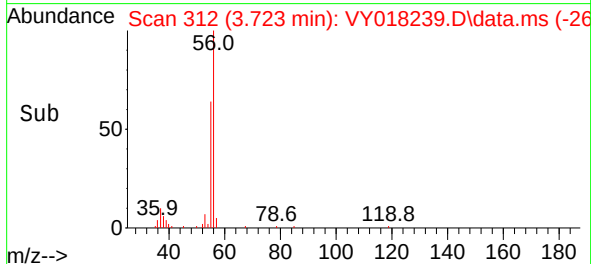
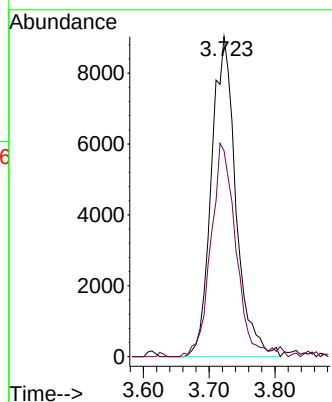


#13
Acrolein
Concen: 156.811 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Instrument :
MSVOA_Y
ClientSampleId :

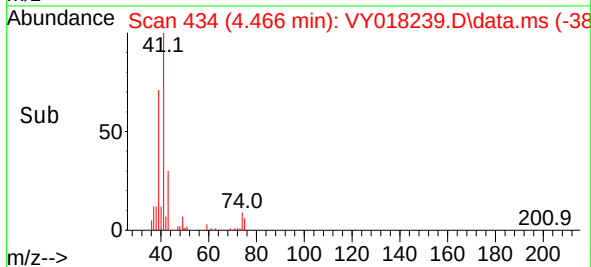
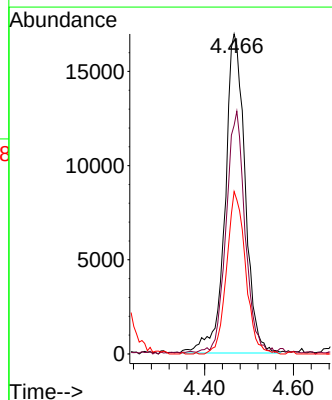
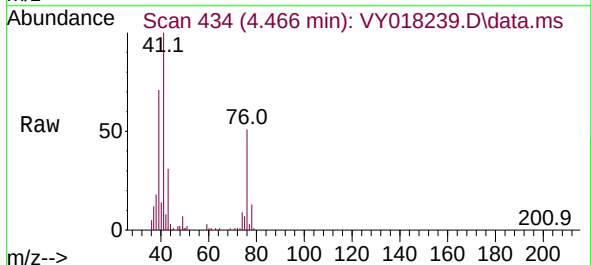


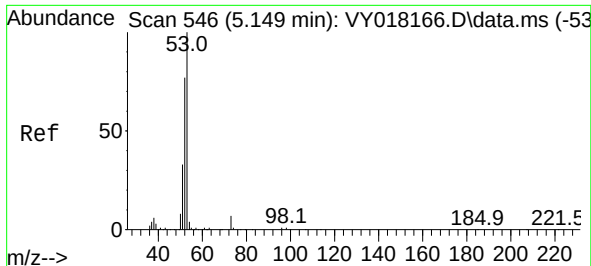
Tgt Ion: 56 Resp: 23322
Ion Ratio Lower Upper
56 100
55 67.5 55.7 83.5



#14
Allyl chloride
Concen: 20.990 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion: 41 Resp: 52854
Ion Ratio Lower Upper
41 100
39 70.8 58.3 87.5
76 48.1 39.0 58.6





#15

Acrylonitrile

Concen: 103.253 ug/l

RT: 5.155 min Scan# 546

Delta R.T. 0.006 min

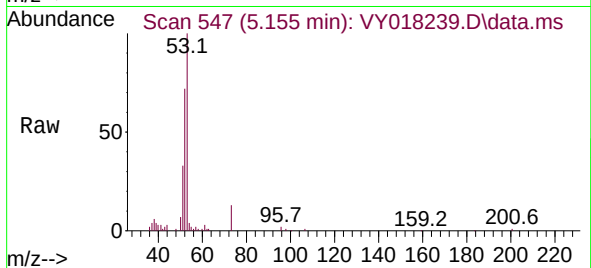
Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :



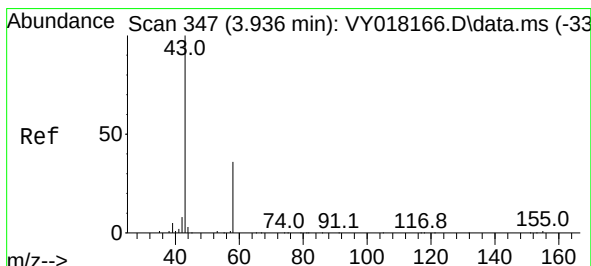
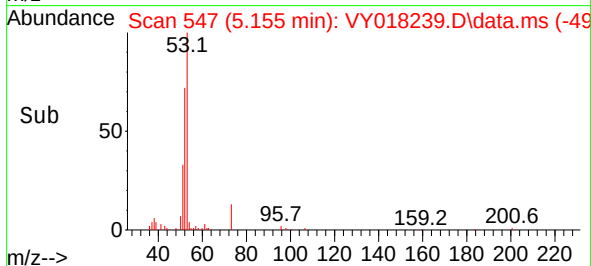
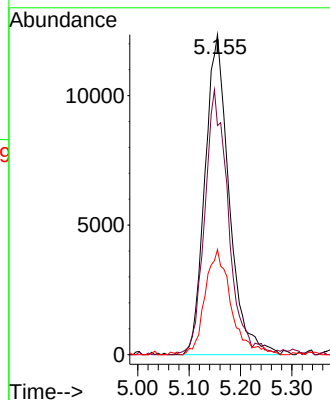
Tgt Ion: 53 Resp: 40327

Ion Ratio Lower Upper

53 100

52 81.3 64.7 97.1

51 35.1 28.4 42.6



#16

Acetone

Concen: 99.016 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY018239.D

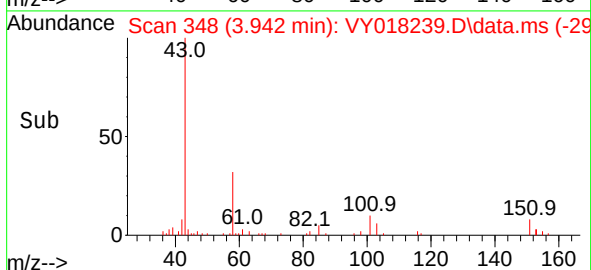
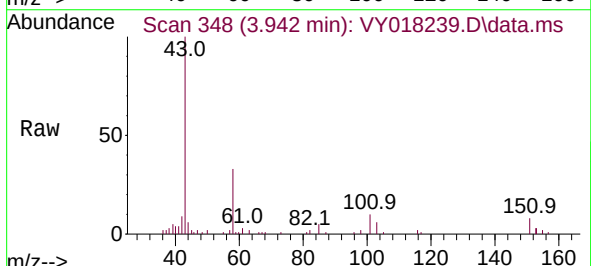
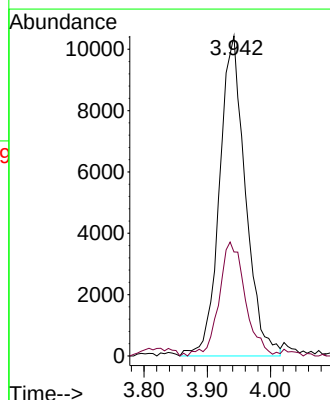
Acq: 13 May 2024 13:26

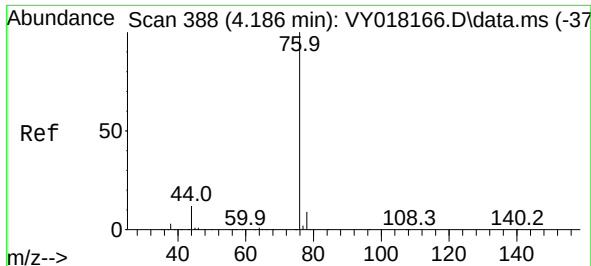
Tgt Ion: 43 Resp: 29752

Ion Ratio Lower Upper

43 100

58 32.5 31.7 47.5

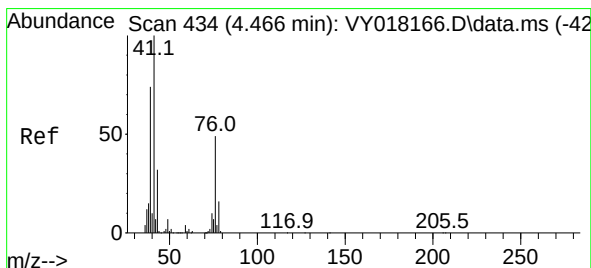
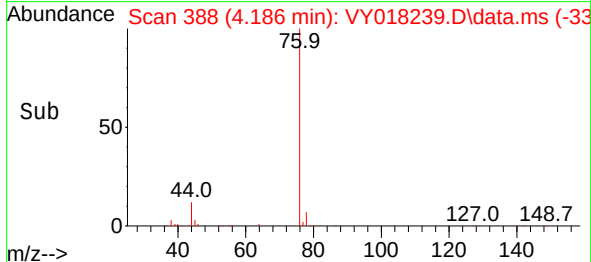
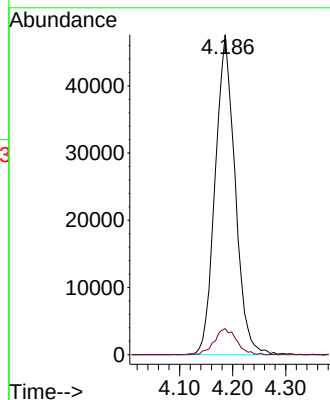
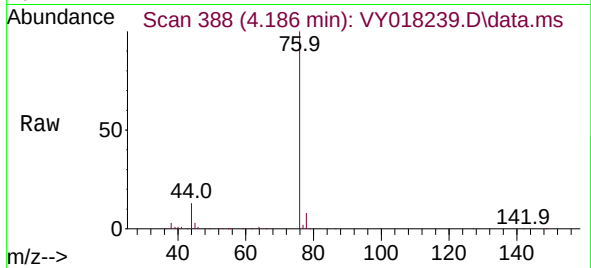




#17
Carbon Disulfide
Concen: 23.068 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

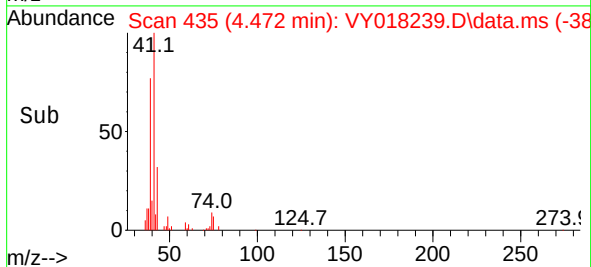
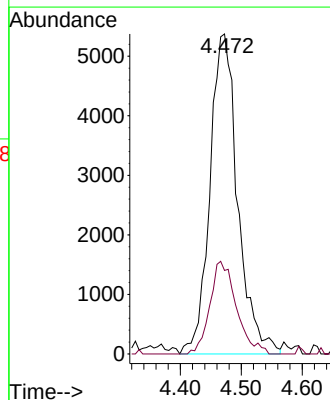
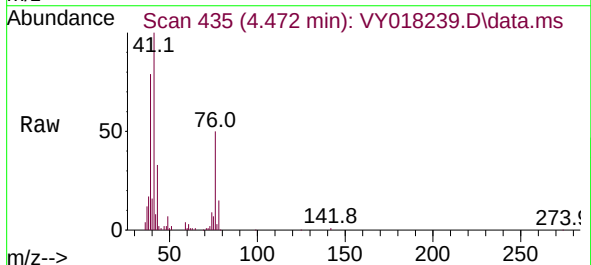
Instrument :
MSVOA_Y
ClientSampleId :

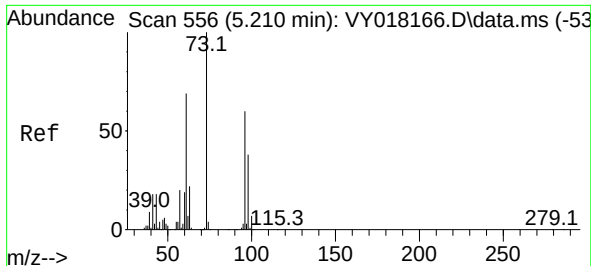
Tgt Ion: 76 Resp: 124305
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 19.894 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion: 43 Resp: 17028
Ion Ratio Lower Upper
43 100
74 27.6 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 20.064 ug/l

RT: 5.210 min Scan# 556

Delta R.T. -0.000 min

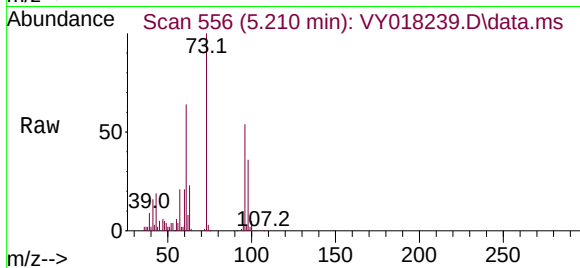
Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

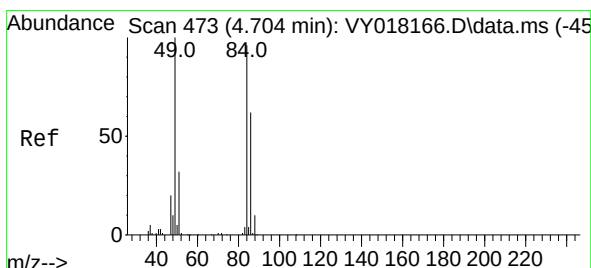
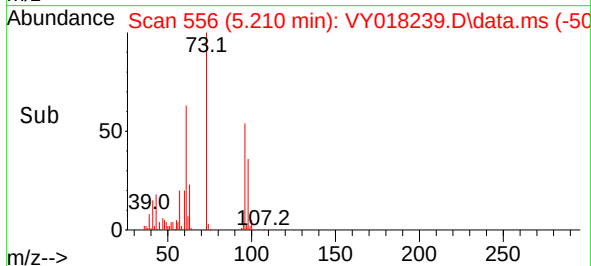
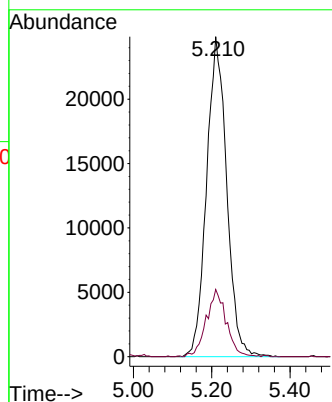


Tgt Ion: 73 Resp: 88464

Ion Ratio Lower Upper

73 100

57 21.0 17.3 25.9



#20

Methylene Chloride

Concen: 26.736 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Tgt Ion: 84 Resp: 56782

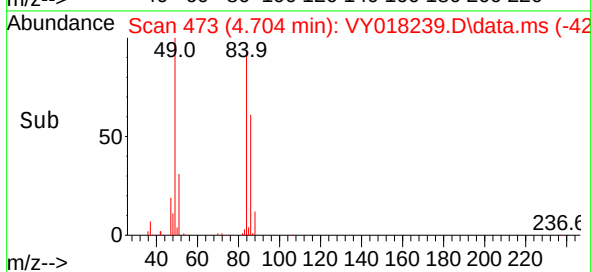
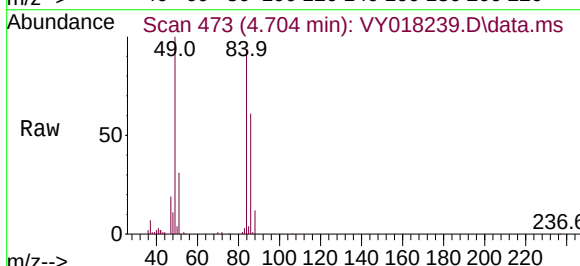
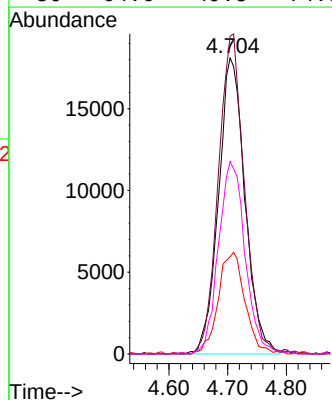
Ion Ratio Lower Upper

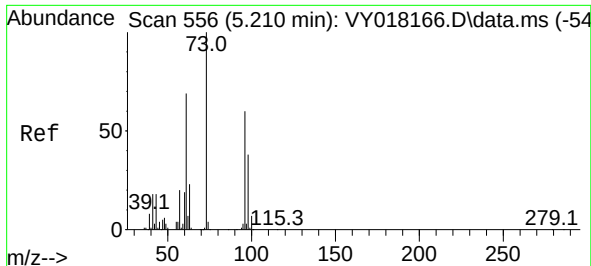
84 100

49 107.4 84.4 126.6

51 32.6 26.0 39.0

86 64.6 49.5 74.3

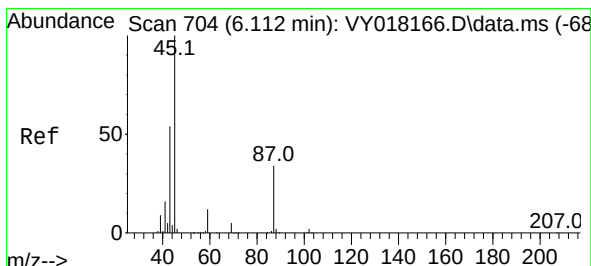
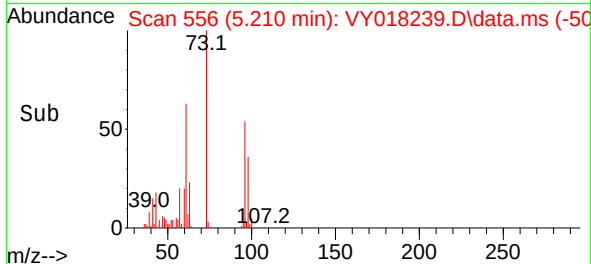
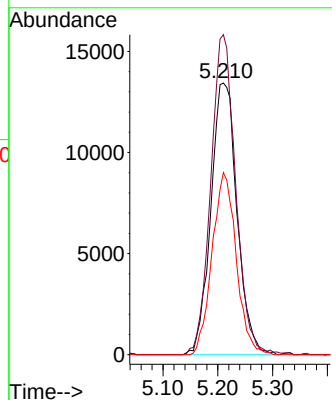
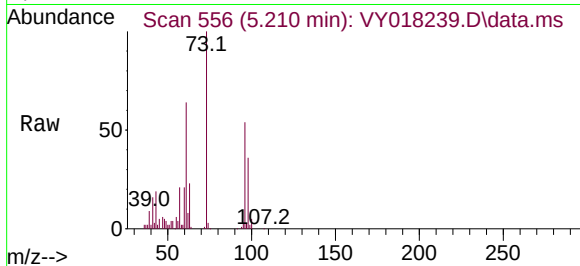




#21
trans-1,2-Dichloroethene
Concen: 21.230 ug/l
RT: 5.210 min Scan# 556
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

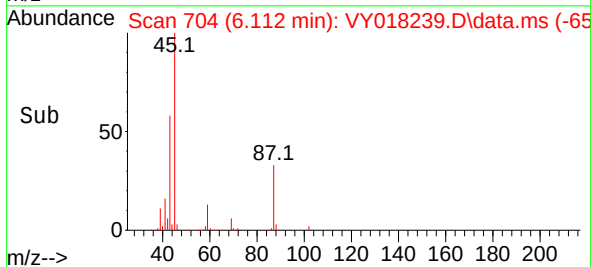
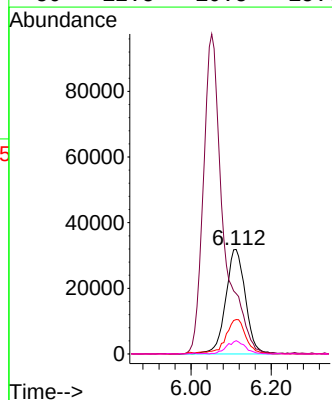
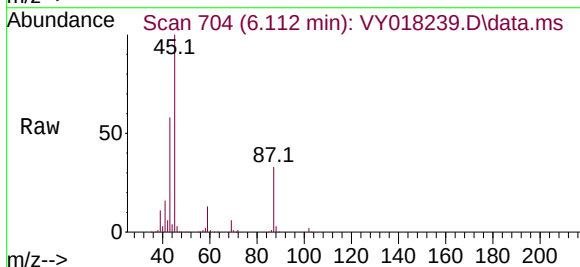
Instrument :
MSVOA_Y
ClientSampleId :

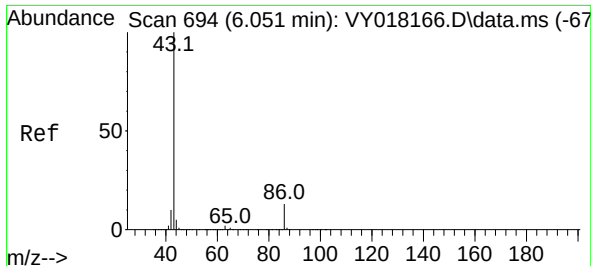
Tgt Ion: 96 Resp: 44543
Ion Ratio Lower Upper
96 100
61 117.8 97.5 146.3
98 67.0 50.5 75.7



#22
Diisopropyl ether
Concen: 20.341 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion: 45 Resp: 108651
Ion Ratio Lower Upper
45 100
43 57.8 42.2 63.2
87 32.7 25.0 37.6
59 12.5 10.5 15.7

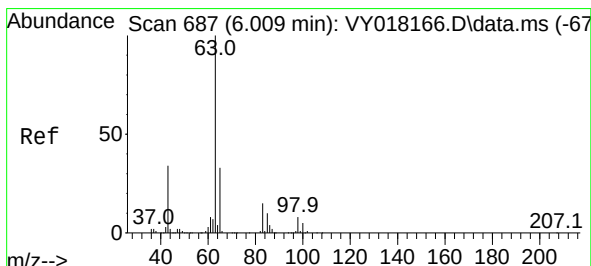
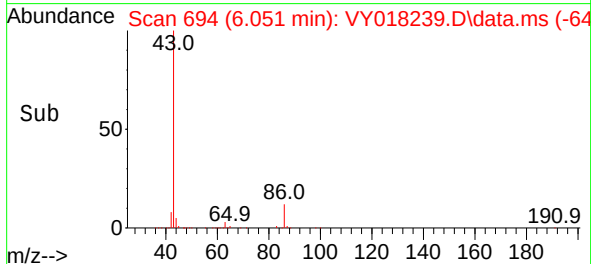
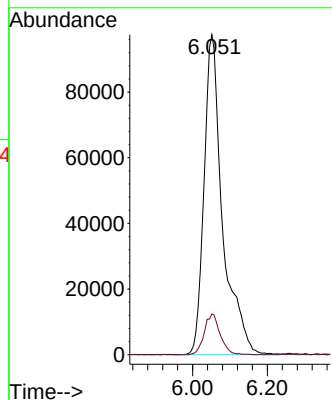
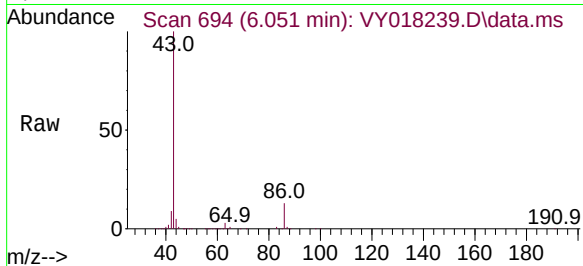




#23
 Vinyl Acetate
 Concen: 103.437 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY018239.D
 Acq: 13 May 2024 13:26

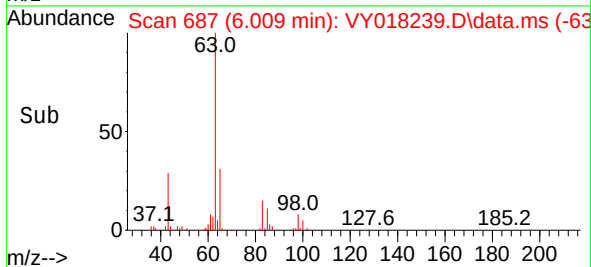
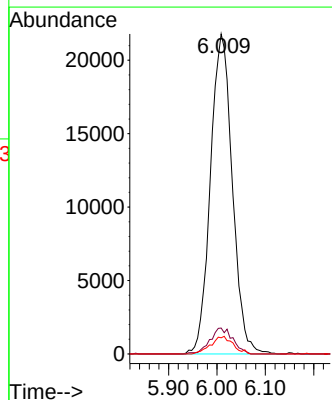
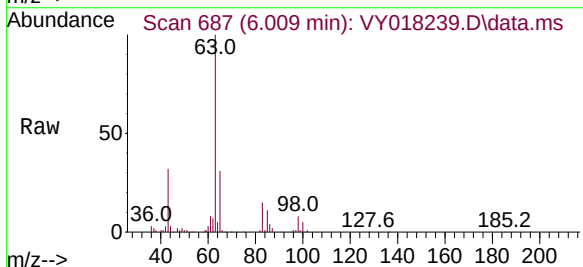
Instrument :
 MSVOA_Y
 ClientSampleId :

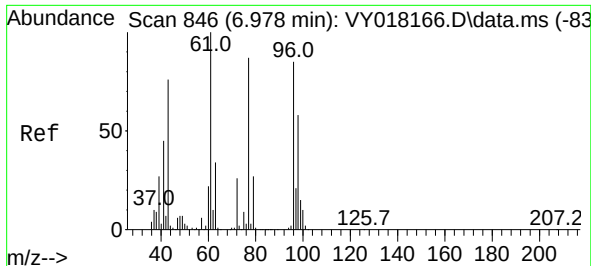
Tgt Ion: 43 Resp: 335819
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.804 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY018239.D
 Acq: 13 May 2024 13:26

Tgt Ion: 63 Resp: 68445
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.1 2.6 8.0

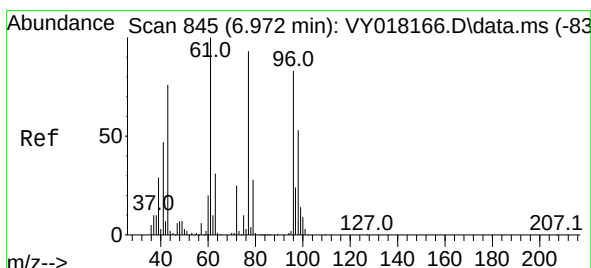
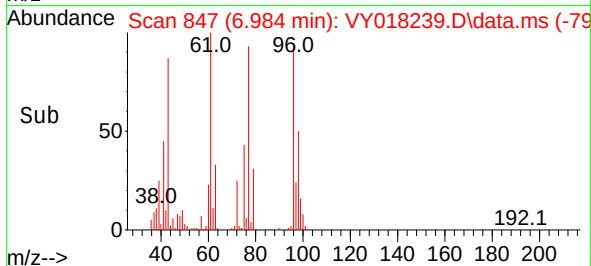
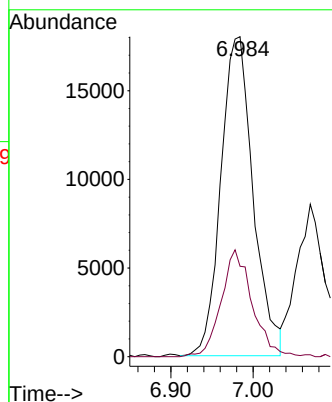
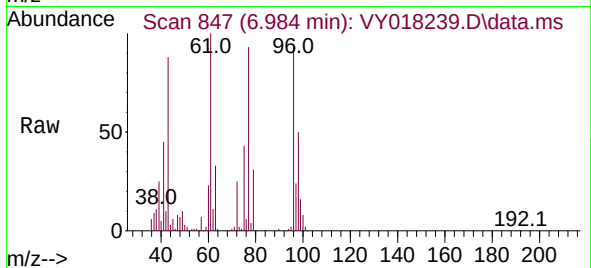




#25
2-Butanone
Concen: 102.077 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

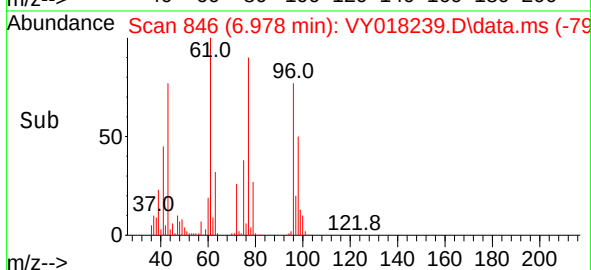
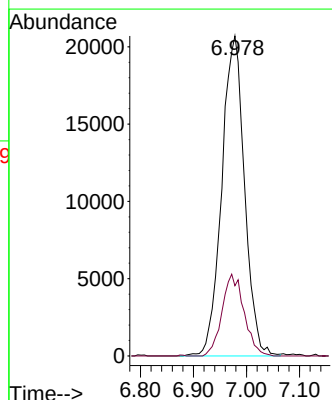
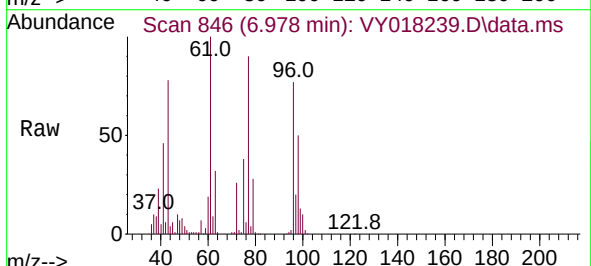
Instrument :
MSVOA_Y
ClientSampleId :

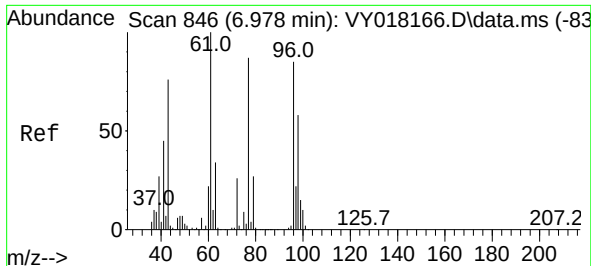
Tgt Ion: 43 Resp: 49029
Ion Ratio Lower Upper
43 100
72 28.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 20.767 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion: 77 Resp: 61837
Ion Ratio Lower Upper
77 100
97 24.7 12.0 36.1

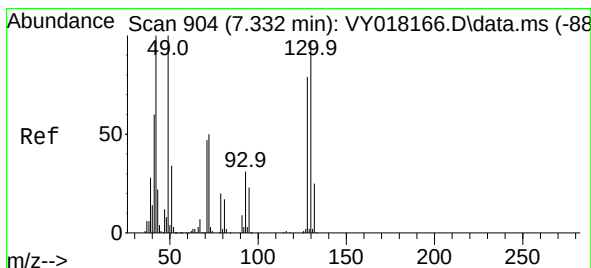
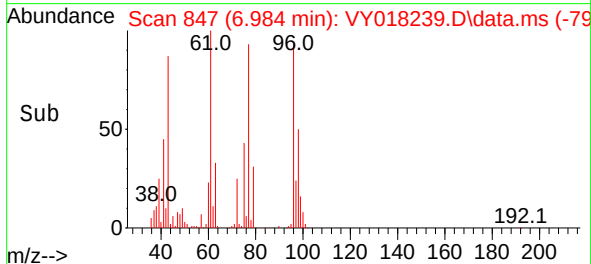
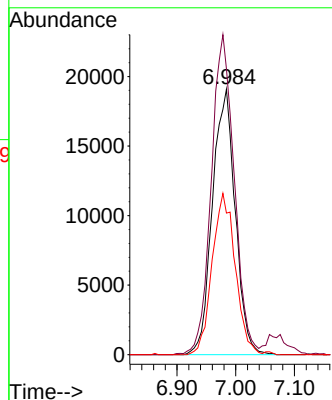
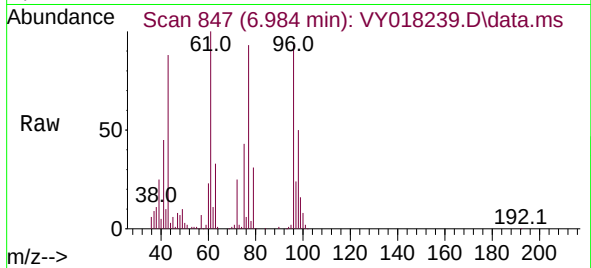




#27
 cis-1,2-Dichloroethene
 Concen: 20.774 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY018239.D
 Acq: 13 May 2024 13:26

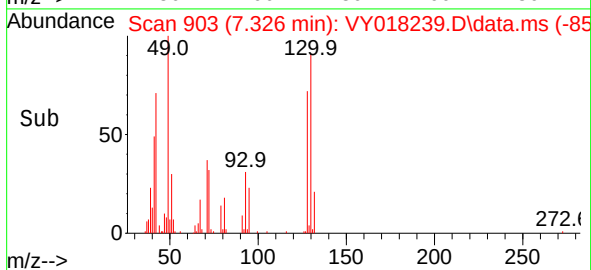
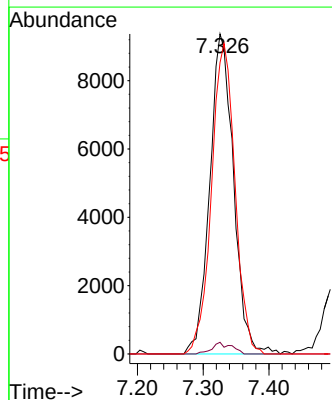
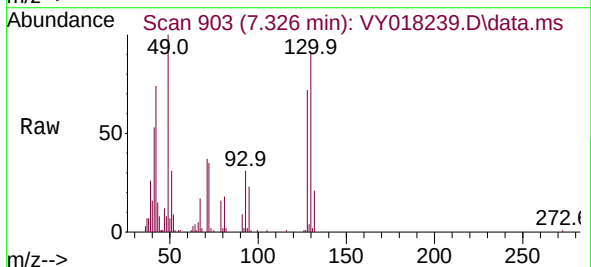
Instrument :
 MSVOA_Y
 ClientSampleId :

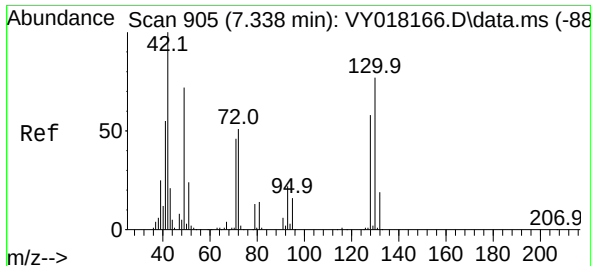
Tgt Ion: 96 Resp: 51511
 Ion Ratio Lower Upper
 96 100
 61 121.5 0.0 256.2
 98 61.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 17.943 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018239.D
 Acq: 13 May 2024 13:26

Tgt Ion: 49 Resp: 23595
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 4.6
 130 95.8 72.7 109.1

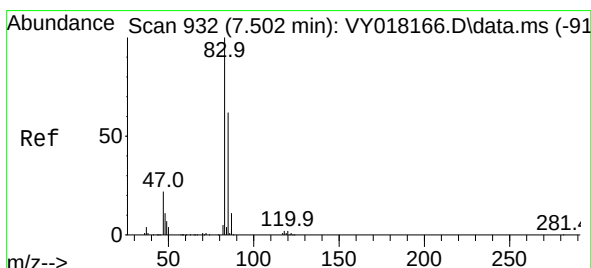
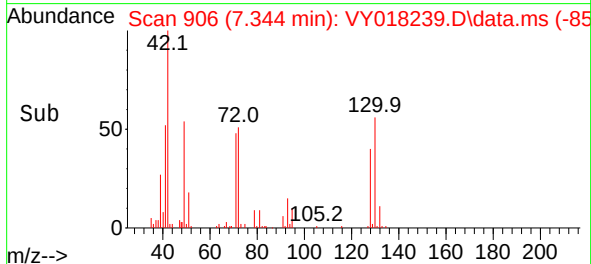
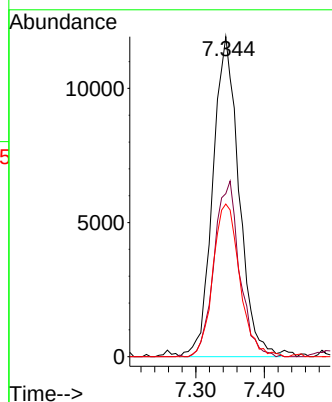
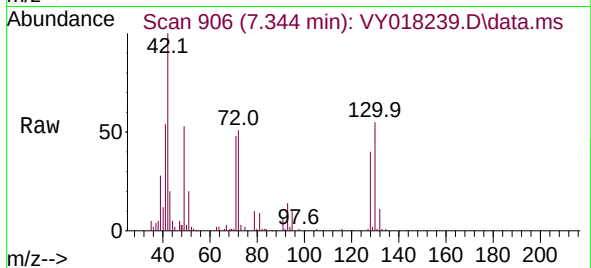




#29
Tetrahydrofuran
Concen: 99.701 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

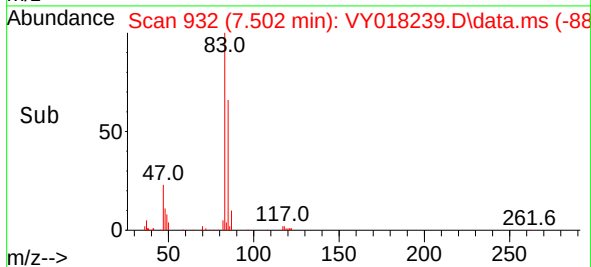
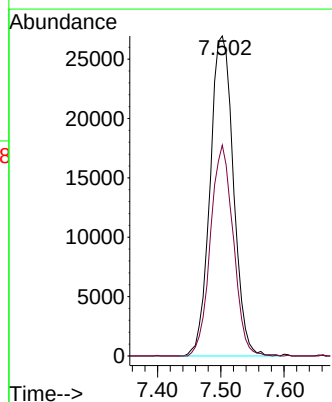
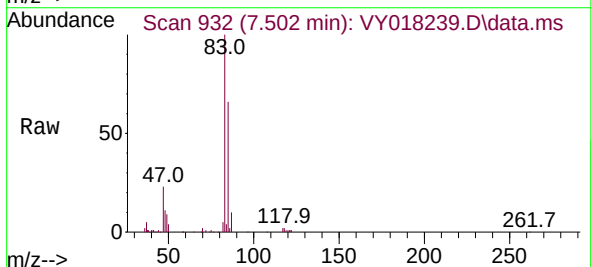
Instrument :
MSVOA_Y
ClientSampleId :

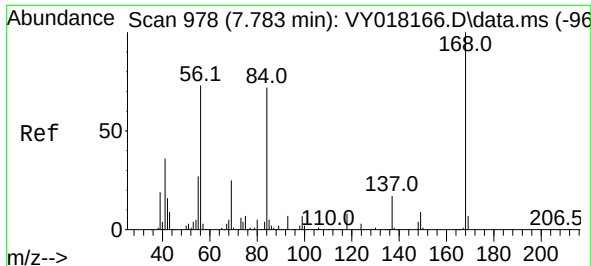
Tgt Ion: 42 Resp: 31610
Ion Ratio Lower Upper
42 100
72 53.2 43.0 64.4
71 48.9 40.8 61.2



#30
Chloroform
Concen: 20.121 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

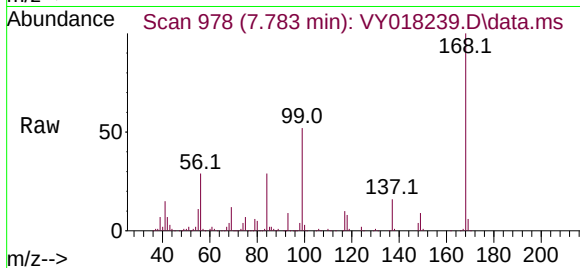
Tgt Ion: 83 Resp: 69107
Ion Ratio Lower Upper
83 100
85 65.9 52.2 78.4



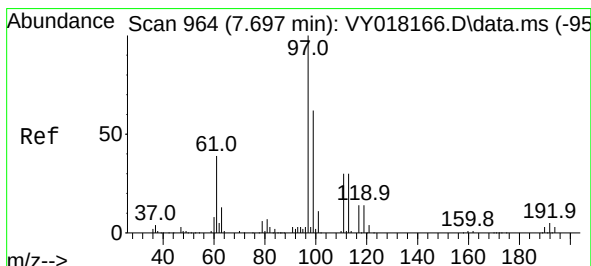
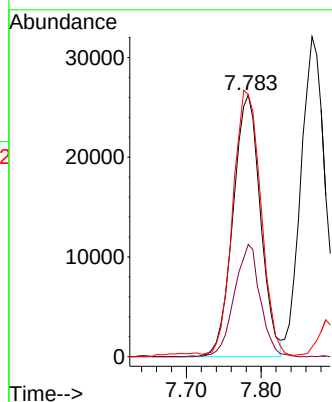
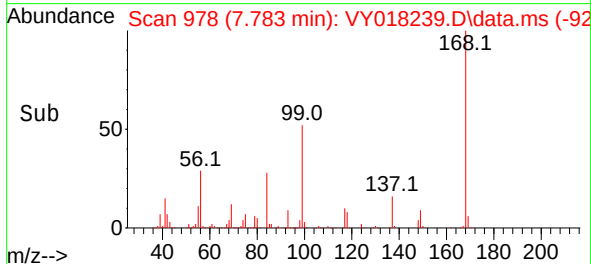


#31
Cyclohexane
Concen: 21.602 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Instrument :
MSVOA_Y
ClientSampleId :

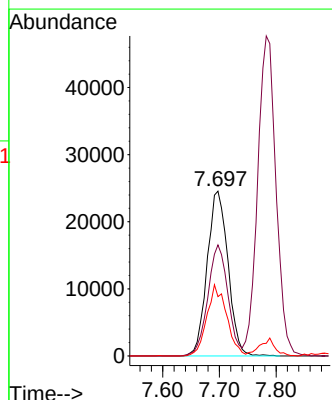
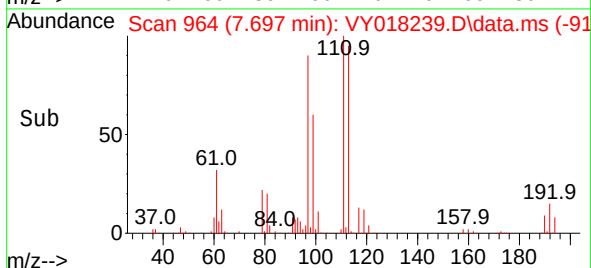
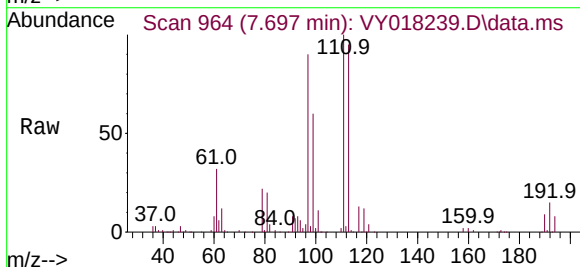


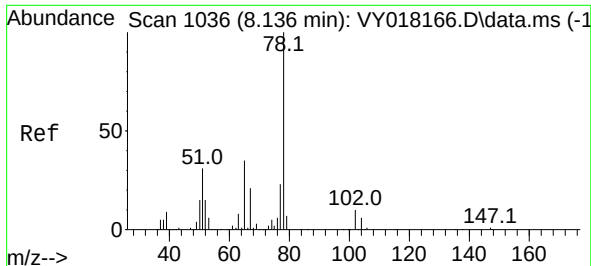
Tgt Ion: 56 Resp: 66862
Ion Ratio Lower Upper
56 100
69 42.9 28.7 43.1
84 98.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.380 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion: 97 Resp: 62738
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 41.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 59.624 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

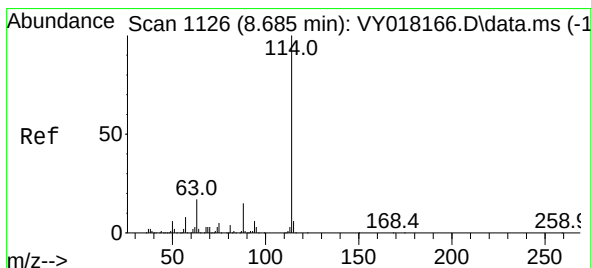
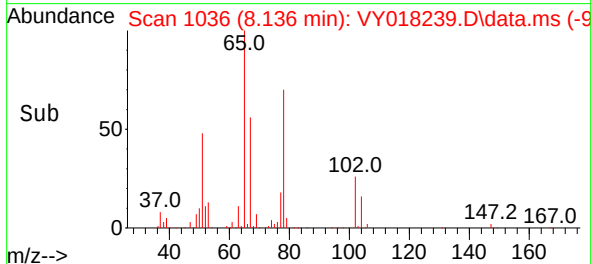
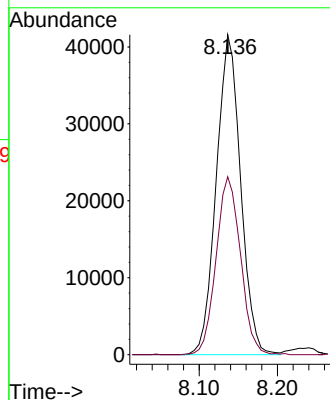
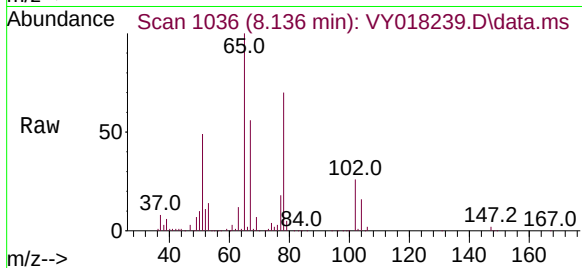
ClientSampleId :

Tgt Ion: 65 Resp: 89776

Ion Ratio Lower Upper

65 100

67 55.8 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: VY018239.D

Acq: 13 May 2024 13:26

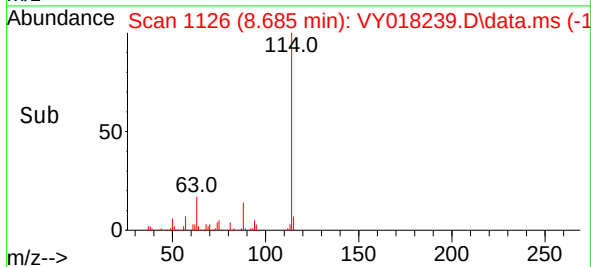
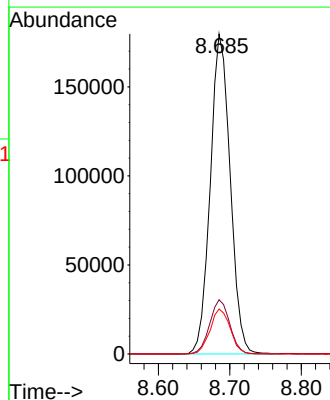
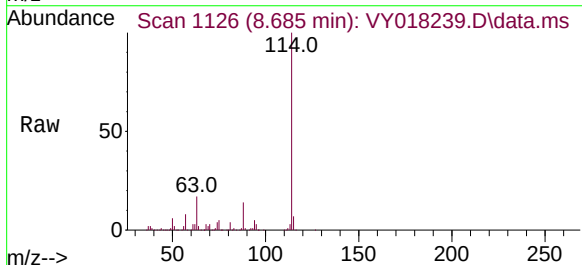
Tgt Ion: 114 Resp: 347481

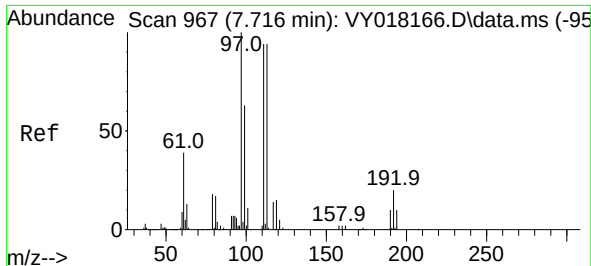
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 14.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 56.293 ug/l

RT: 7.710 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

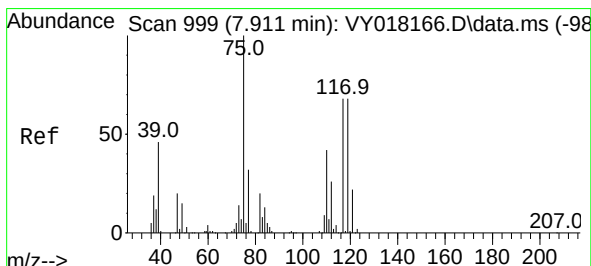
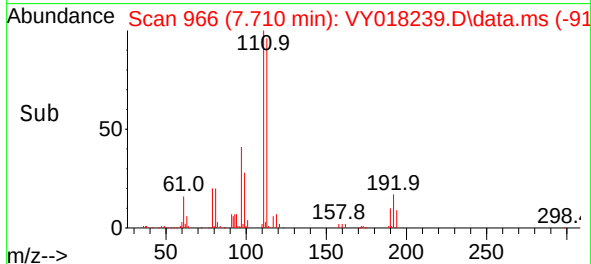
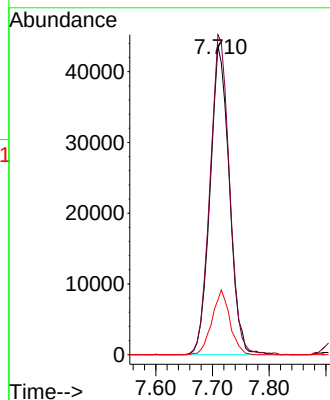
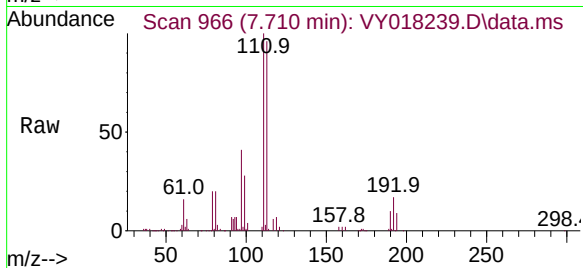
Tgt Ion:113 Resp: 102800

Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 19.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 20.398 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

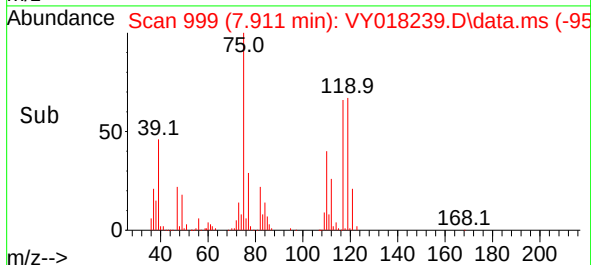
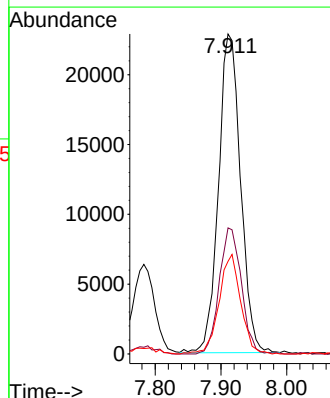
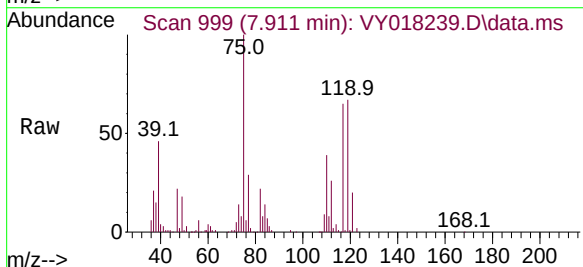
Tgt Ion: 75 Resp: 53400

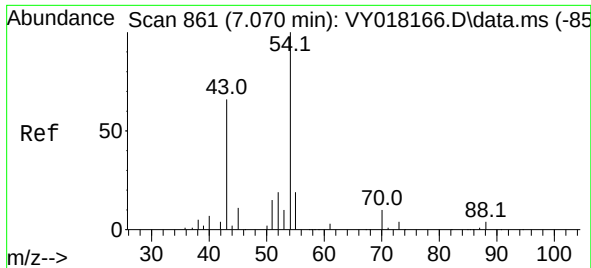
Ion Ratio Lower Upper

75 100

110 39.5 19.0 57.0

77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 18.981 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

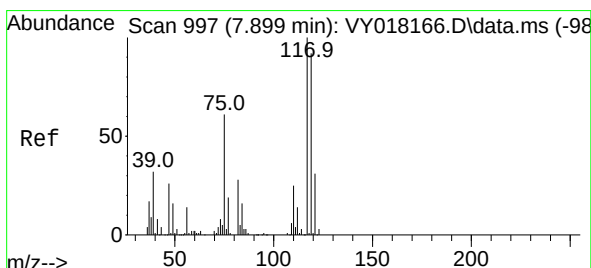
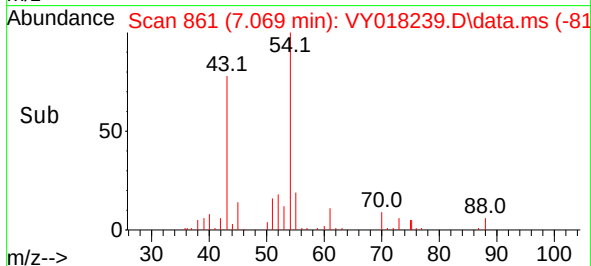
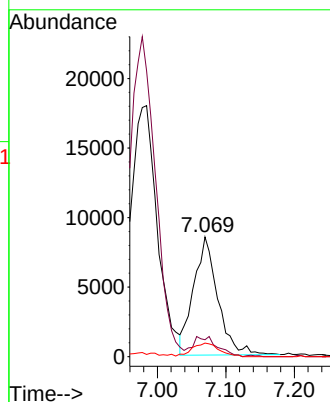
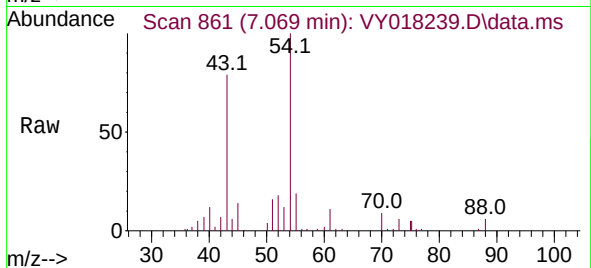
Tgt Ion: 43 Resp: 20915

Ion Ratio Lower Upper

43 100

61 17.2 12.6 19.0

70 12.8 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 19.546 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

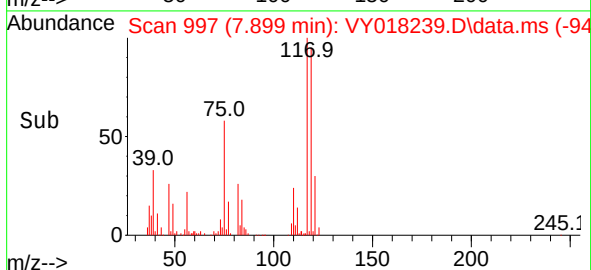
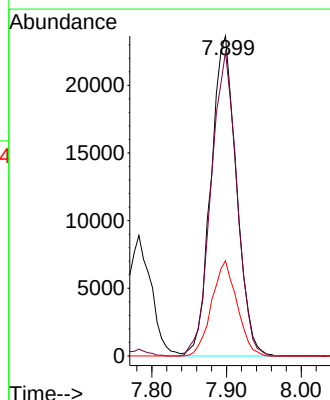
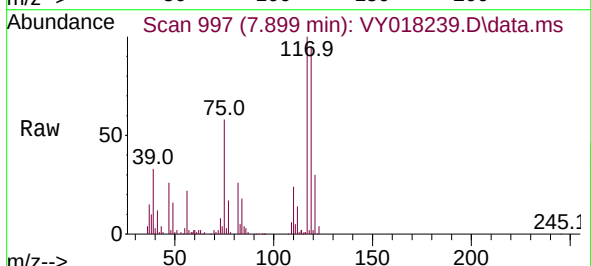
Tgt Ion: 117 Resp: 55911

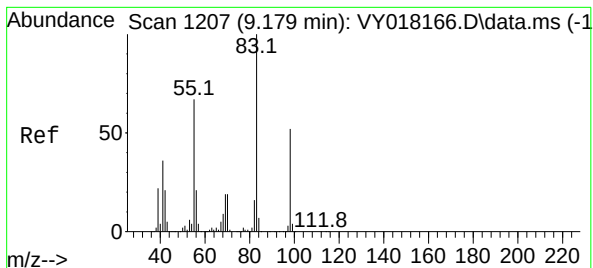
Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.6

121 29.8 24.0 36.0





#39

Methylcyclohexane

Concen: 20.270 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

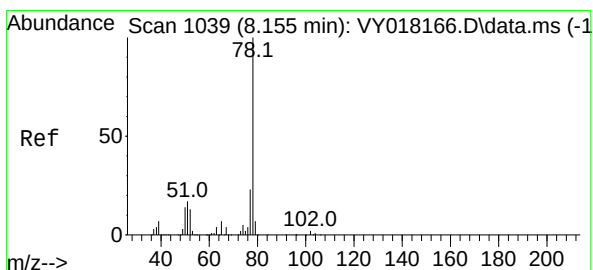
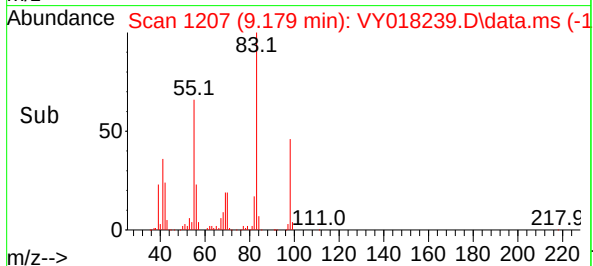
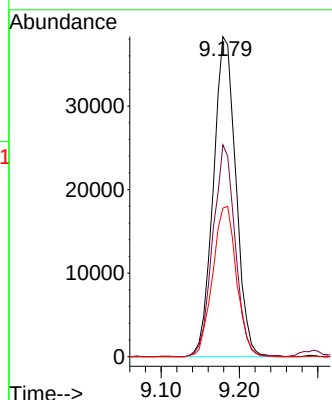
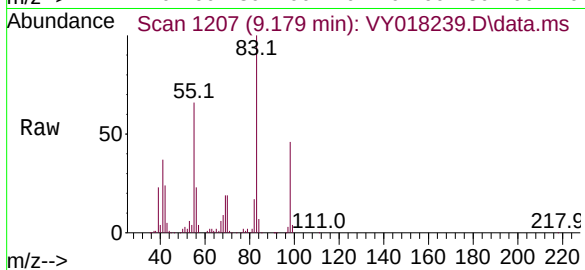
Tgt Ion: 83 Resp: 76557

Ion Ratio Lower Upper

83 100

55 66.2 51.5 77.3

98 46.4 40.5 60.7



#40

Benzene

Concen: 20.120 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY018239.D

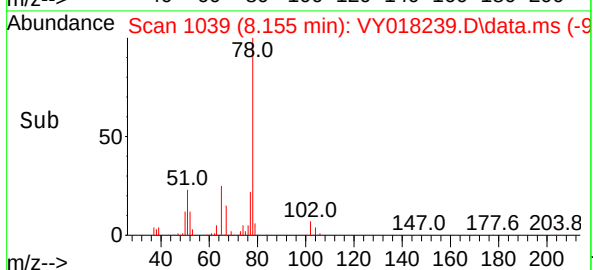
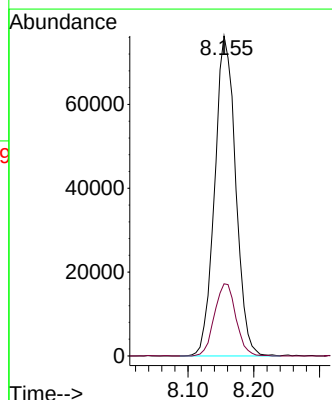
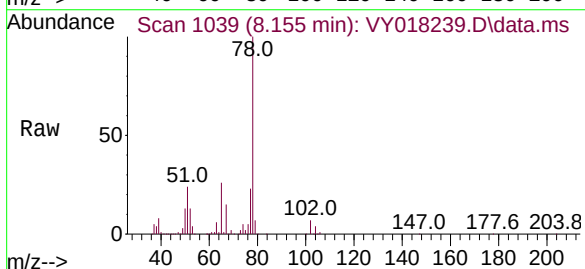
Acq: 13 May 2024 13:26

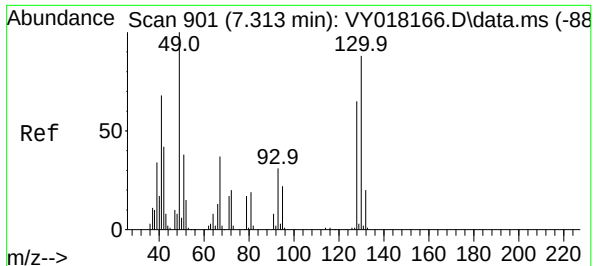
Tgt Ion: 78 Resp: 169430

Ion Ratio Lower Upper

78 100

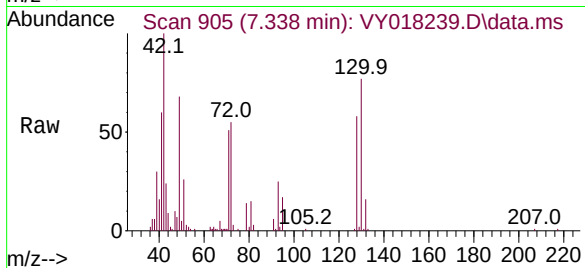
77 22.5 19.5 29.3



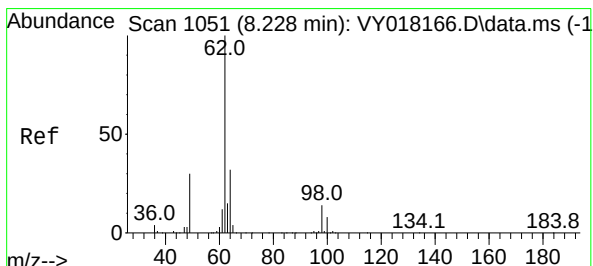
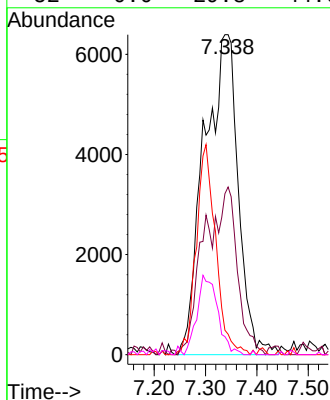
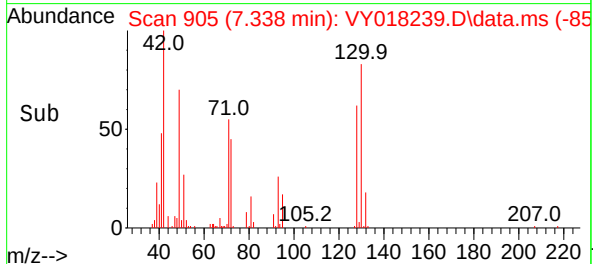


#41
Methacrylonitrile
Concen: 46.124 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Instrument :
MSVOA_Y
ClientSampleId :

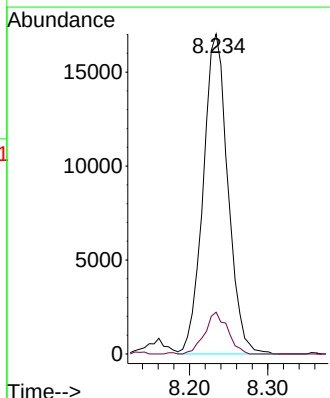
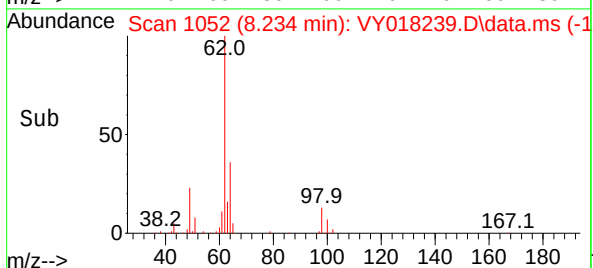
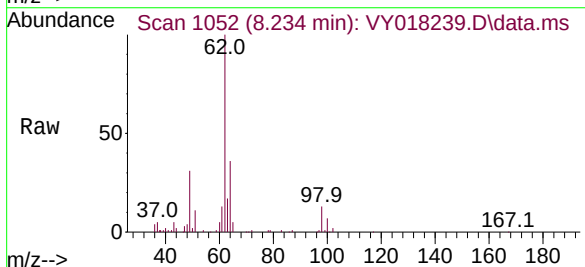


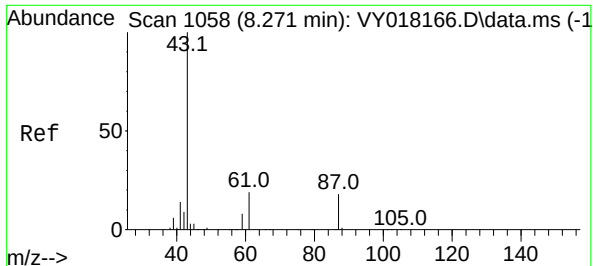
Tgt Ion: 41 Resp: 29348
Ion Ratio Lower Upper
41 100
39 24.9 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.368 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion: 62 Resp: 37318
Ion Ratio Lower Upper
62 100
98 12.0 0.0 22.0





#43

Isopropyl Acetate

Concen: 19.686 ug/l

RT: 8.264 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY018239.D

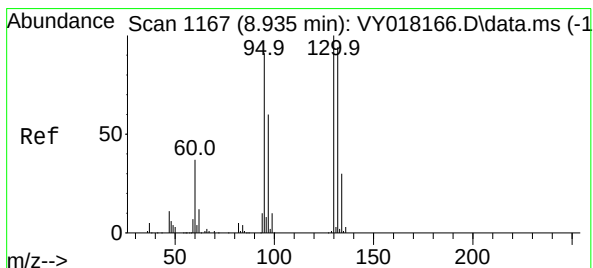
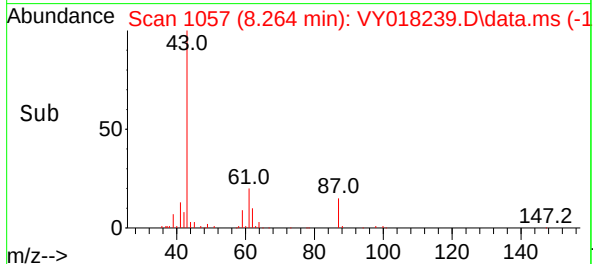
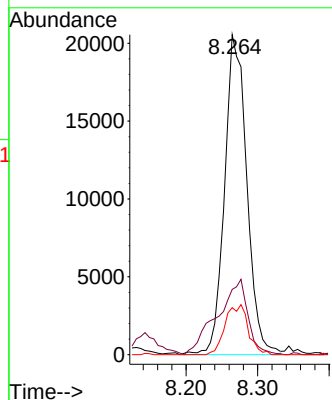
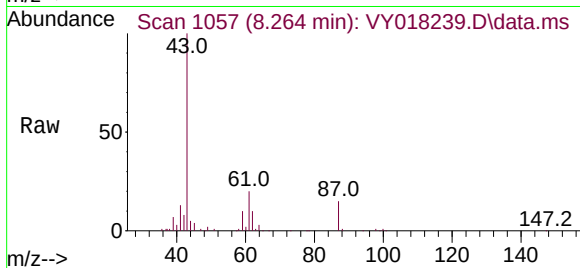
Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 44461
Ion Ratio	Lower Upper
43	100
61	32.4 27.9 41.9
87	16.2 13.1 19.7



#44

Trichloroethene

Concen: 19.532 ug/l

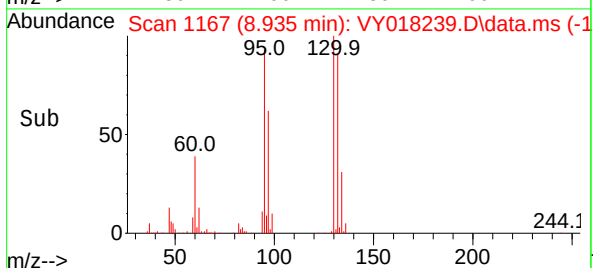
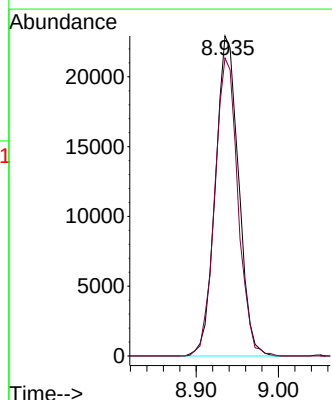
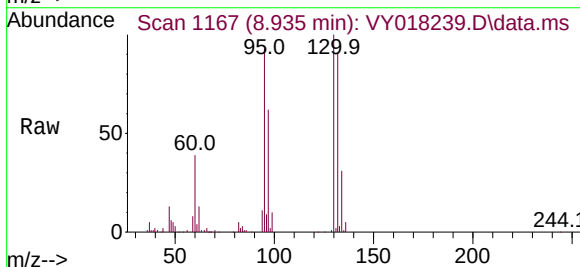
RT: 8.935 min Scan# 1167

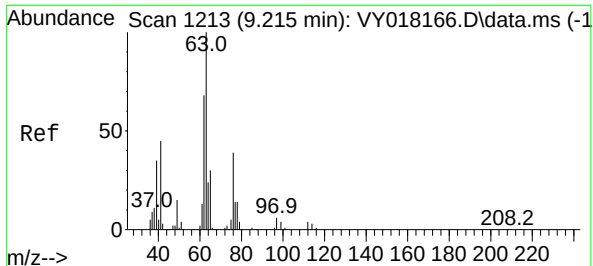
Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Tgt Ion: 130	Resp: 44776
Ion Ratio	Lower Upper
130	100
95	93.1 0.0 188.0

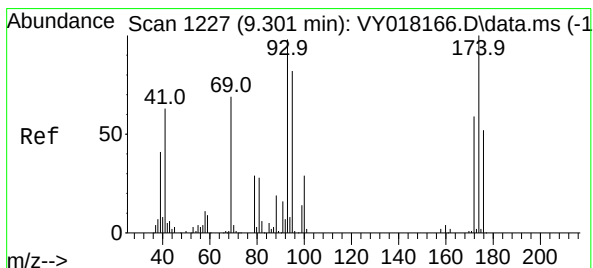
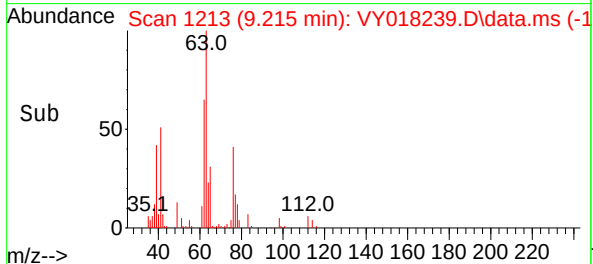
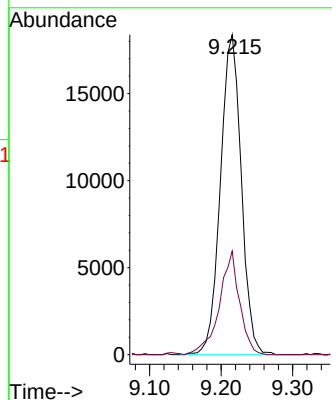
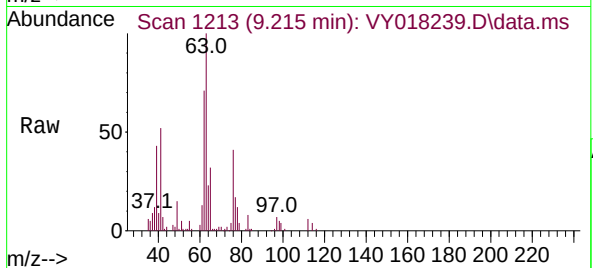




#45
1,2-Dichloropropane
Concen: 20.220 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

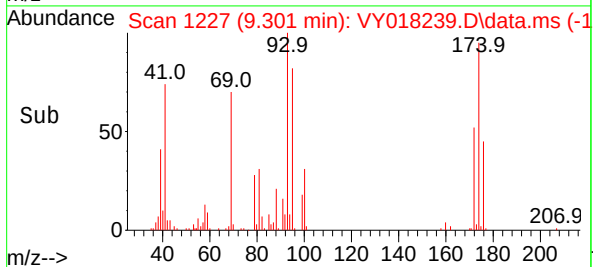
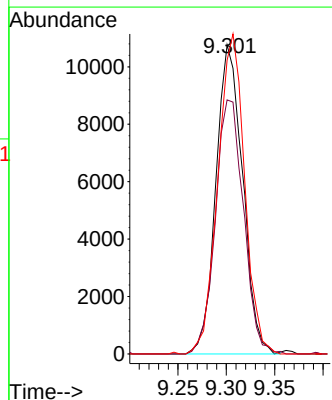
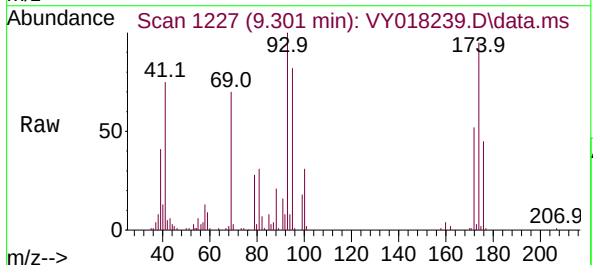
Instrument :
MSVOA_Y
ClientSampleId :

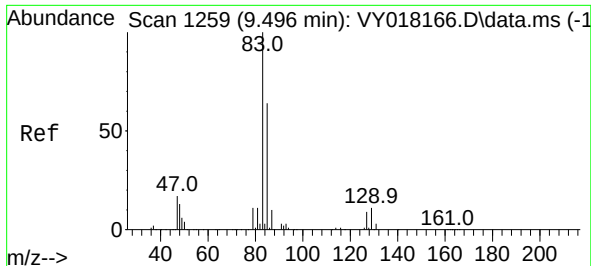
Tgt Ion: 63 Resp: 37226
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.2



#46
Dibromomethane
Concen: 19.522 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion: 93 Resp: 20661
Ion Ratio Lower Upper
93 100
95 86.5 66.2 99.4
174 103.6 80.9 121.3

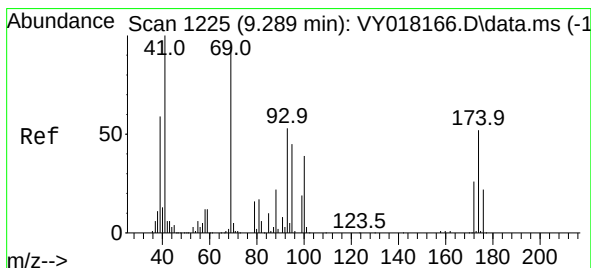
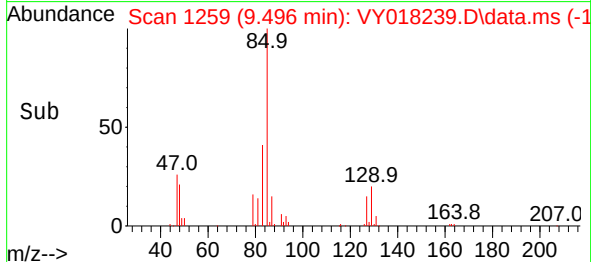
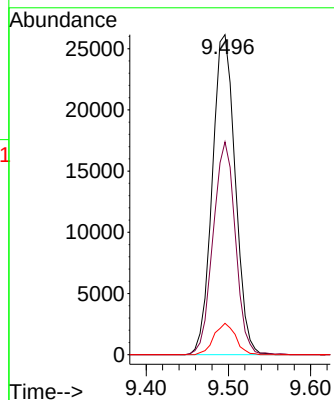
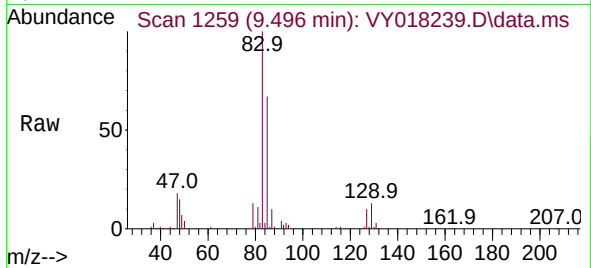




#47
Bromodichloromethane
Concen: 19.332 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

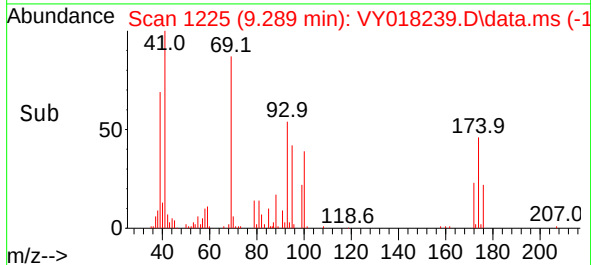
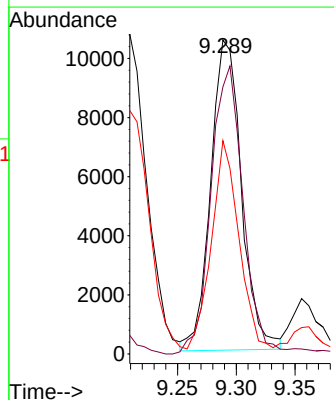
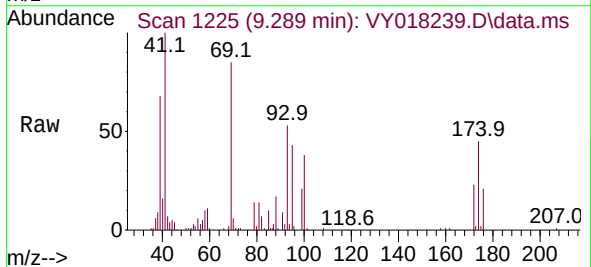
Instrument :
MSVOA_Y
ClientSampleId :

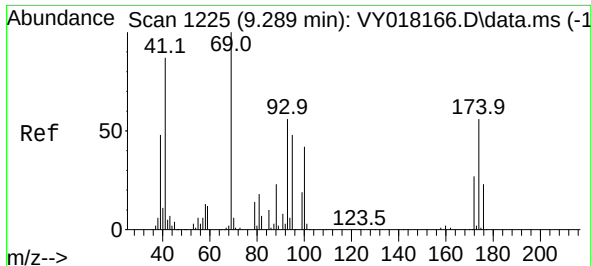
Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.1	75.1
127	9.8	7.4	11.0



#48
Methyl methacrylate
Concen: 18.522 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion	Ratio	Lower	Upper
41	100		
69	96.0	84.1	126.1
39	60.3	43.6	65.4

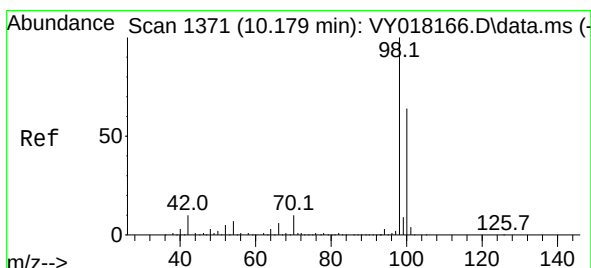
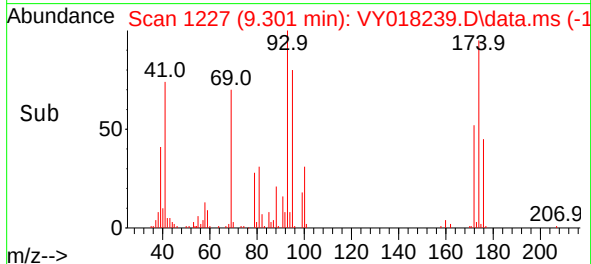
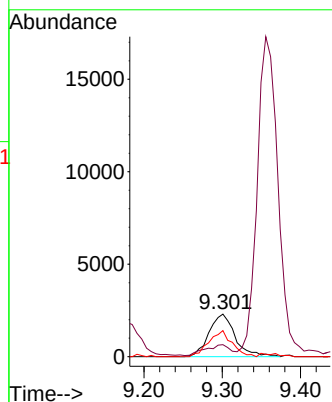
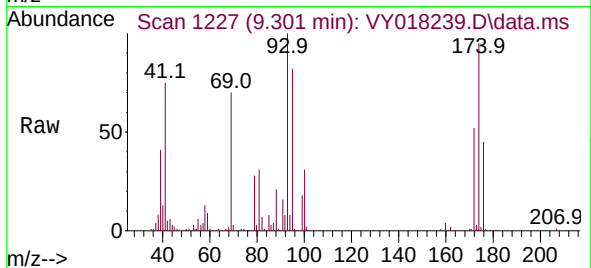




#49
1,4-Dioxane
Concen: 380.963 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

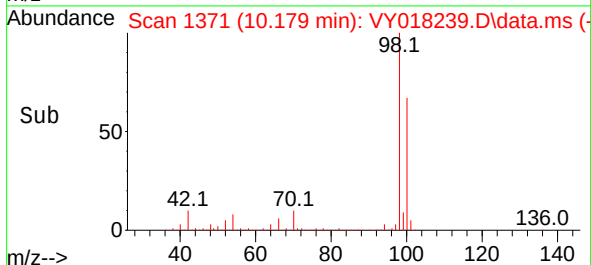
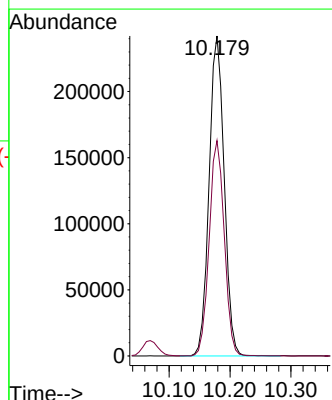
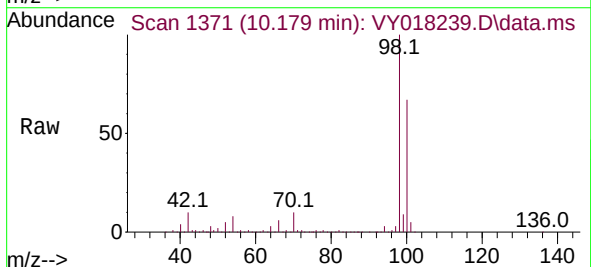
Instrument :
MSVOA_Y
ClientSampleId :

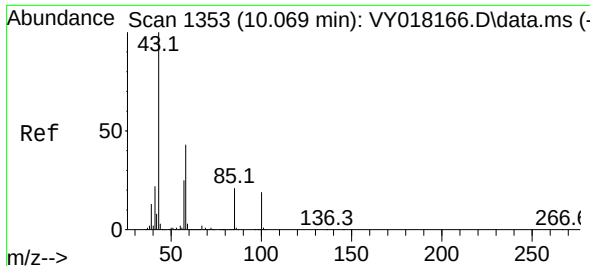
Tgt Ion: 88 Resp: 5352
Ion Ratio Lower Upper
88 100
43 24.4 0.0 0.0#
58 54.3 49.3 73.9



#50
Toluene-d8
Concen: 57.896 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion: 98 Resp: 416632
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 95.580 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

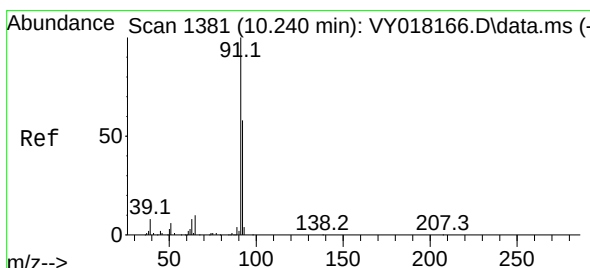
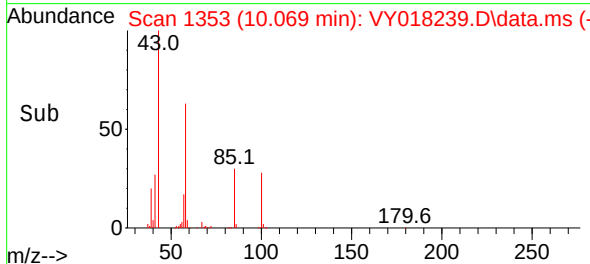
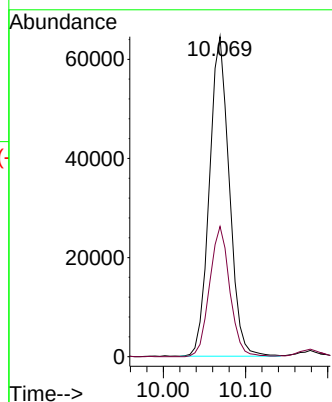
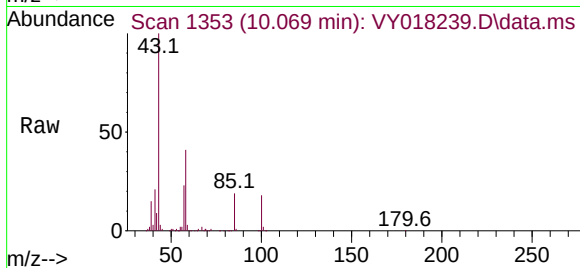
ClientSampleId :

Tgt Ion: 43 Resp: 108499

Ion Ratio Lower Upper

43 100

58 41.4 35.7 53.5



#52

Toluene

Concen: 19.876 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY018239.D

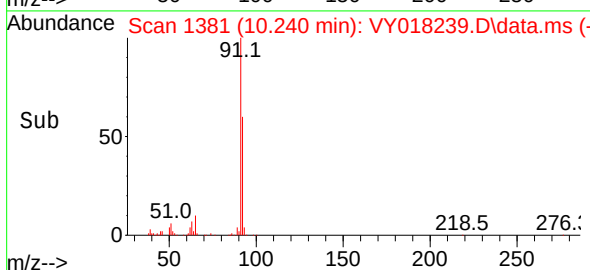
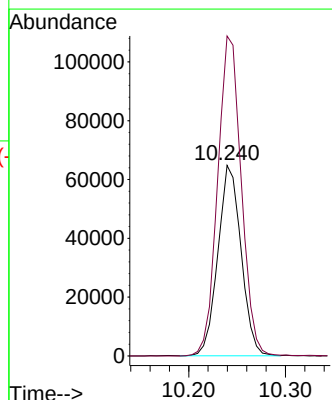
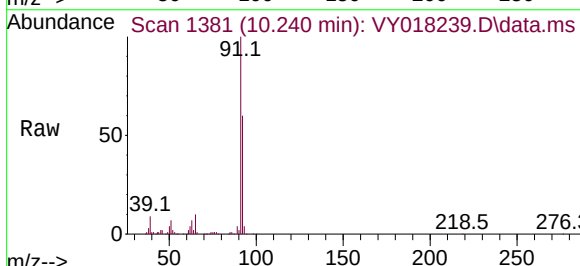
Acq: 13 May 2024 13:26

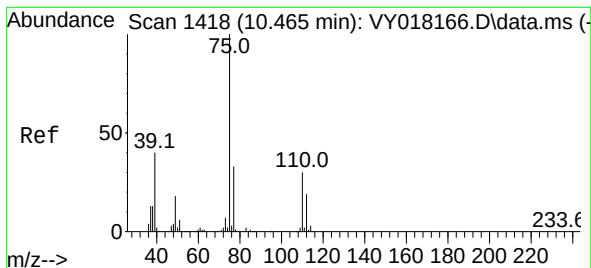
Tgt Ion: 92 Resp: 107751

Ion Ratio Lower Upper

92 100

91 171.4 139.0 208.6

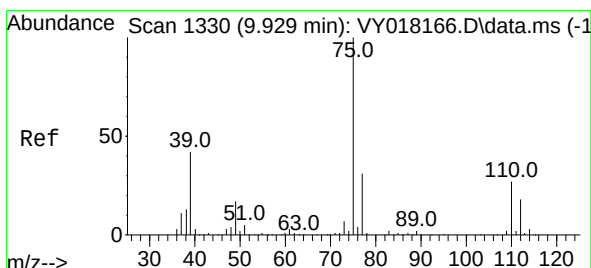
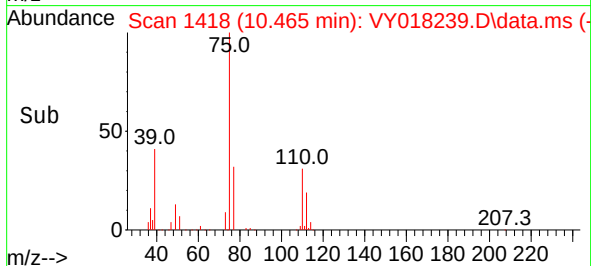
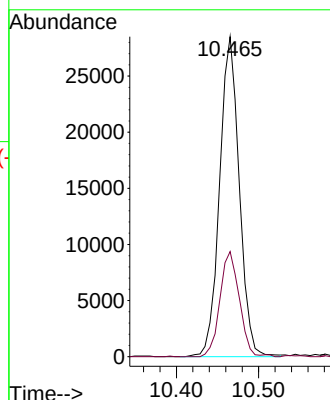
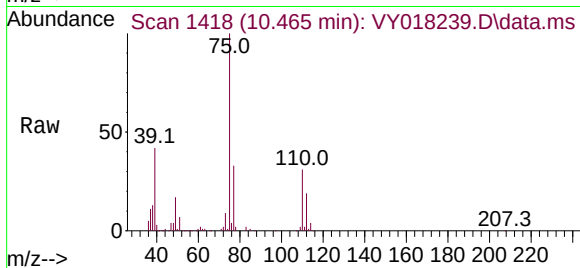




#53
t-1,3-Dichloropropene
Concen: 19.404 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

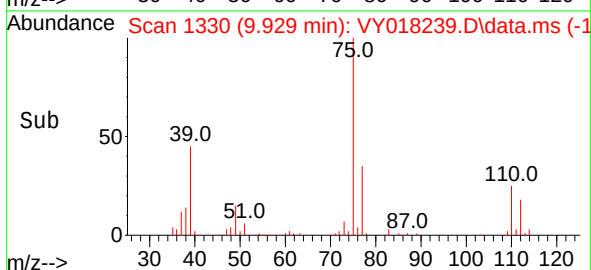
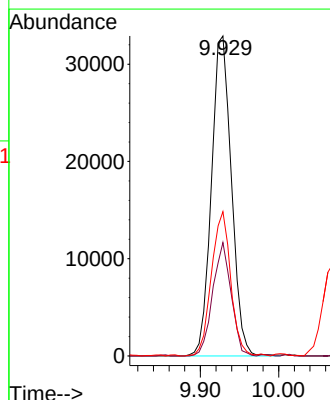
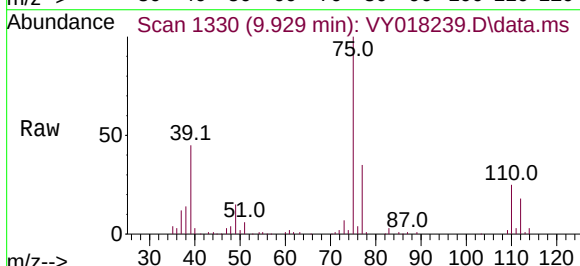
Instrument :
MSVOA_Y
ClientSampleId :

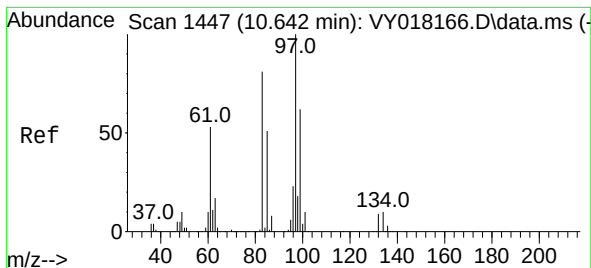
Tgt Ion: 75 Resp: 47423
Ion Ratio Lower Upper
75 100
77 32.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.544 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion: 75 Resp: 58385
Ion Ratio Lower Upper
75 100
77 35.5 25.4 38.0
39 45.1 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 19.066 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 27721

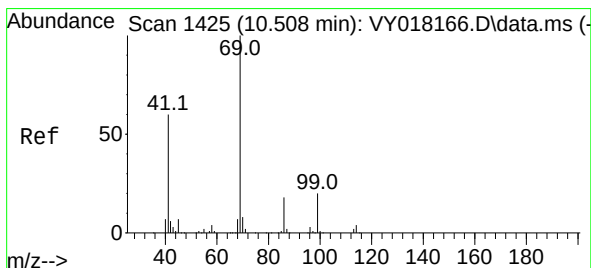
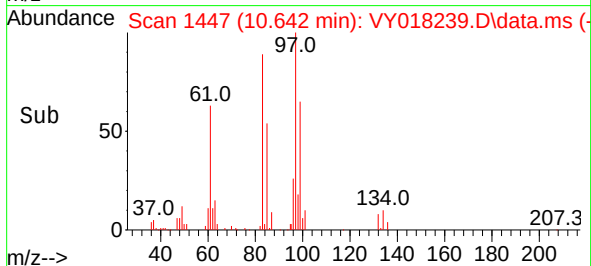
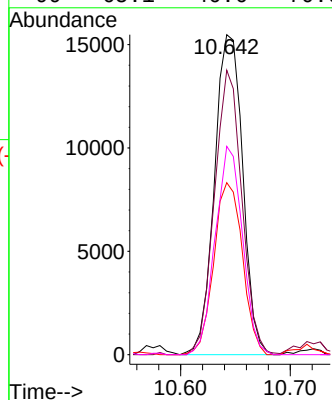
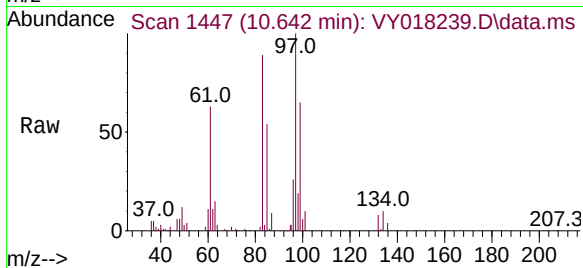
Ion Ratio Lower Upper

97 100

83 88.9 67.5 101.3

85 53.7 42.9 64.3

99 65.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.969 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

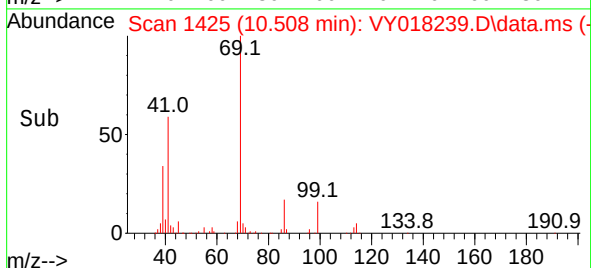
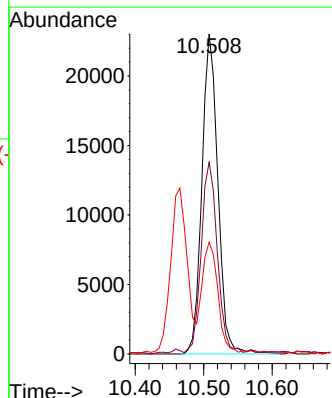
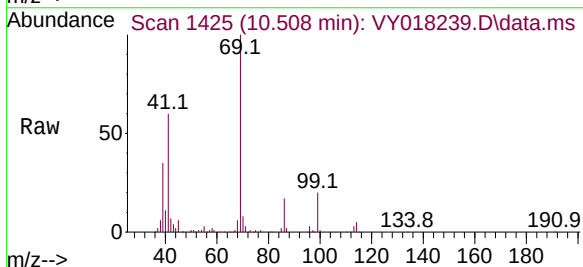
Tgt Ion: 69 Resp: 37457

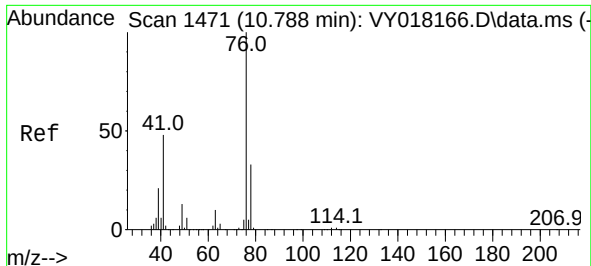
Ion Ratio Lower Upper

69 100

41 59.9 42.3 63.5

39 33.3 22.9 34.3





#57

1,3-Dichloropropane

Concen: 19.615 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

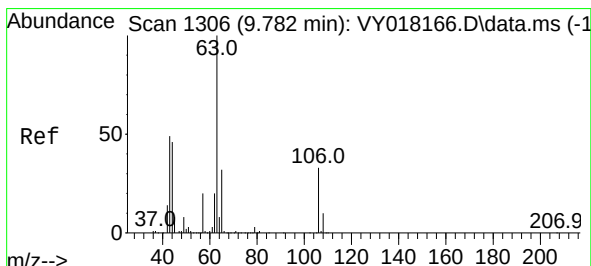
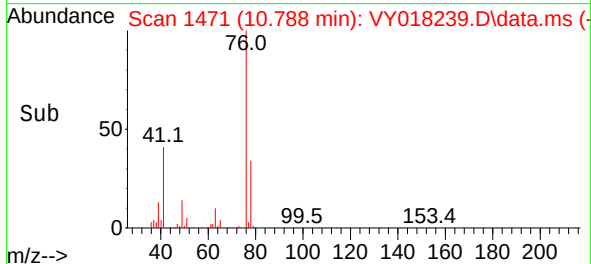
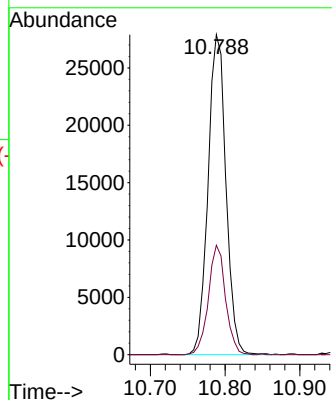
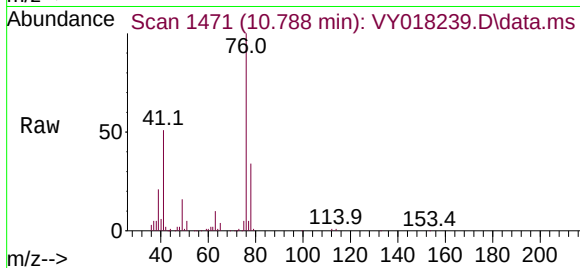
ClientSampleId :

Tgt Ion: 76 Resp: 46415

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.684 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY018239.D

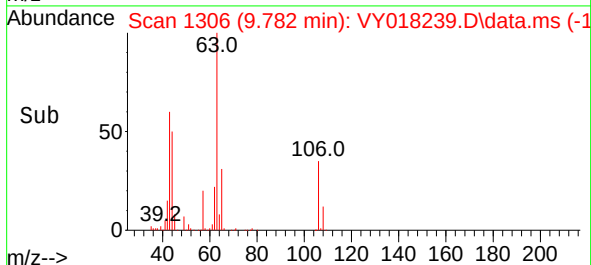
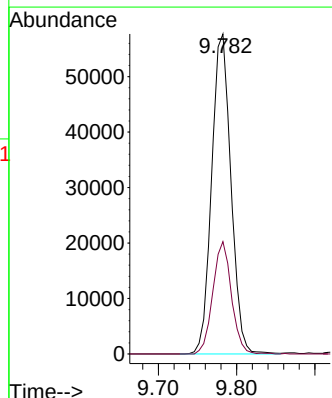
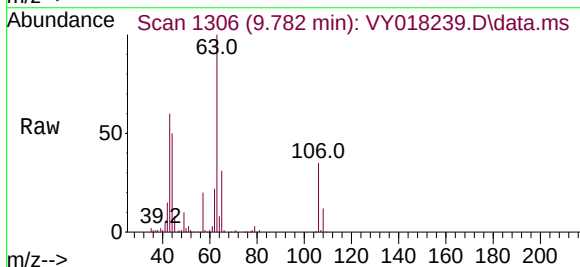
Acq: 13 May 2024 13:26

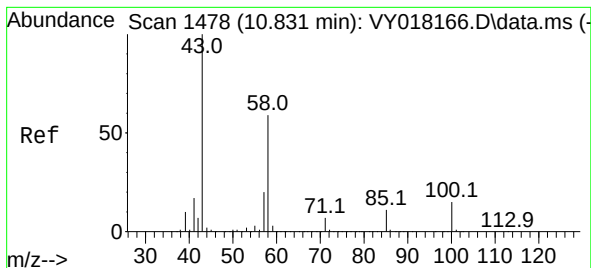
Tgt Ion: 63 Resp: 98705

Ion Ratio Lower Upper

63 100

106 33.9 23.7 35.5





#59

2-Hexanone

Concen: 94.512 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

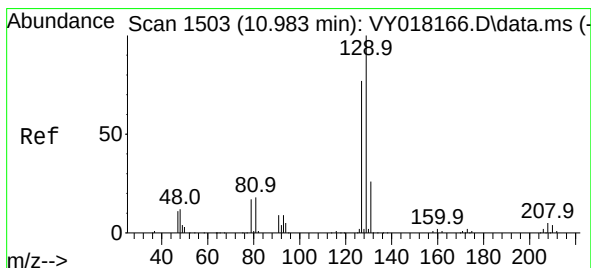
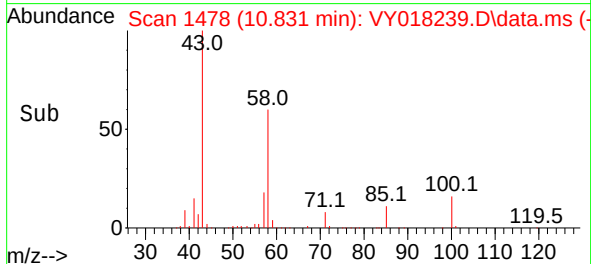
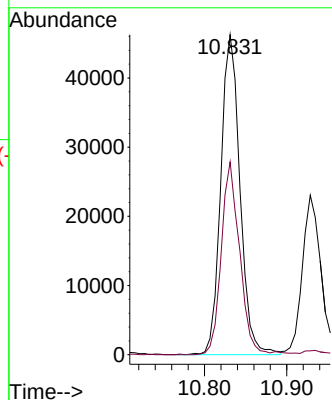
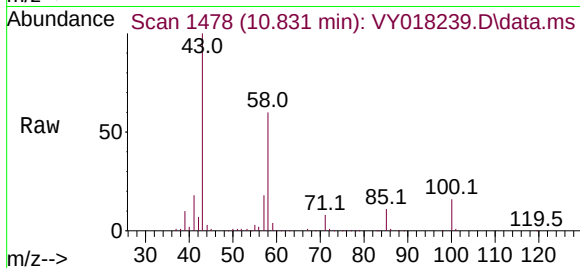
ClientSampleId :

Tgt Ion: 43 Resp: 75015

Ion Ratio Lower Upper

43 100

58 57.3 31.4 94.0



#60

Dibromochloromethane

Concen: 18.695 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY018239.D

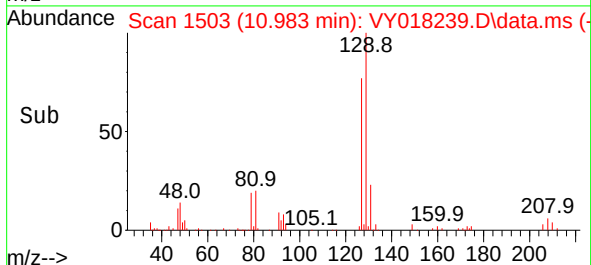
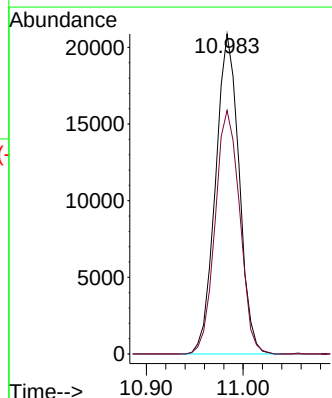
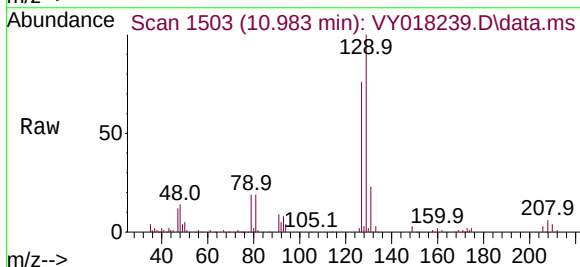
Acq: 13 May 2024 13:26

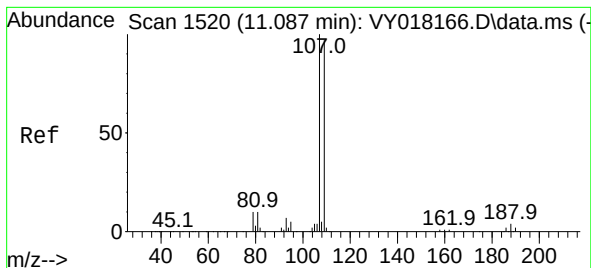
Tgt Ion:129 Resp: 35265

Ion Ratio Lower Upper

129 100

127 79.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.582 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

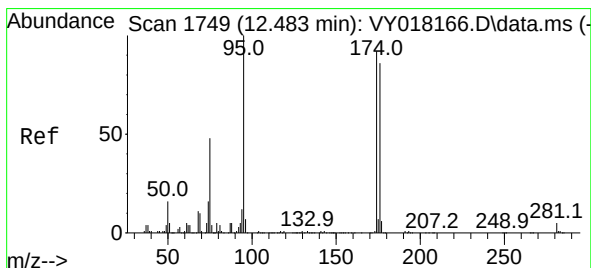
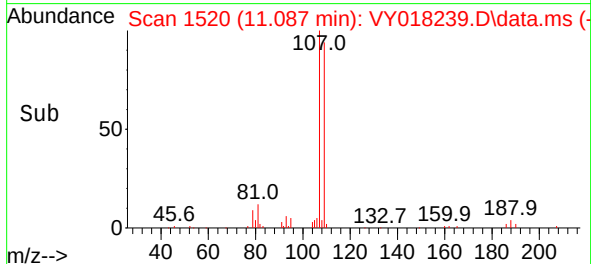
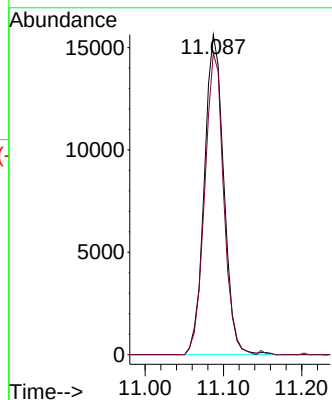
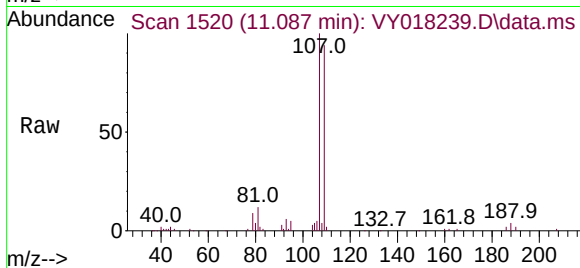
ClientSampleId :

Tgt Ion:107 Resp: 26816

Ion Ratio Lower Upper

107 100

109 92.5 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 54.962 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

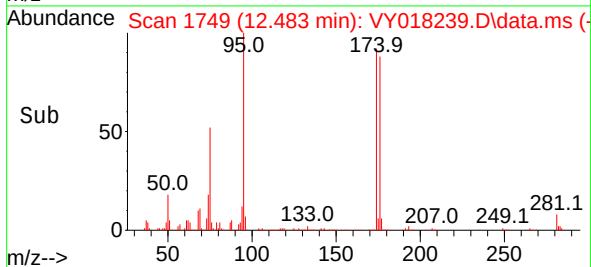
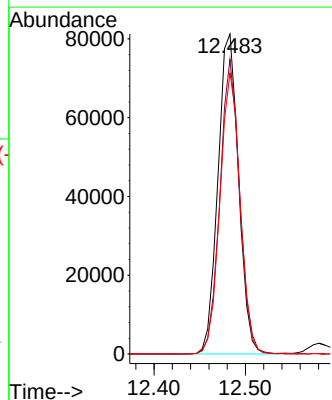
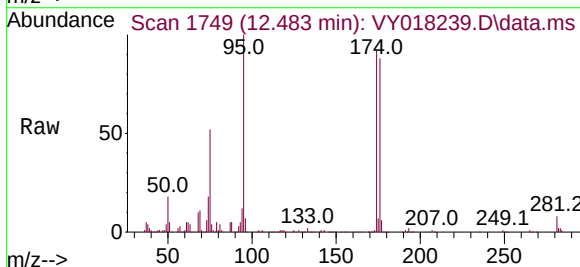
Tgt Ion: 95 Resp: 127731

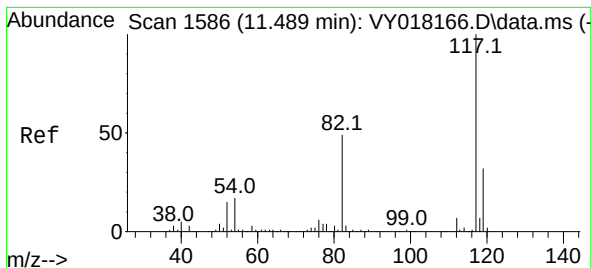
Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.6

176 85.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

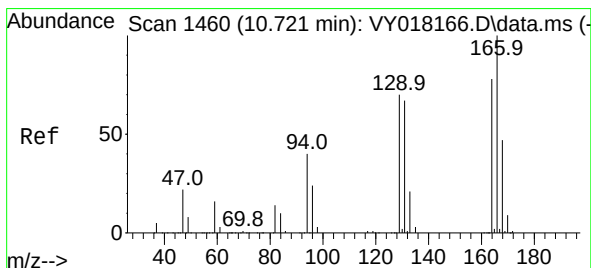
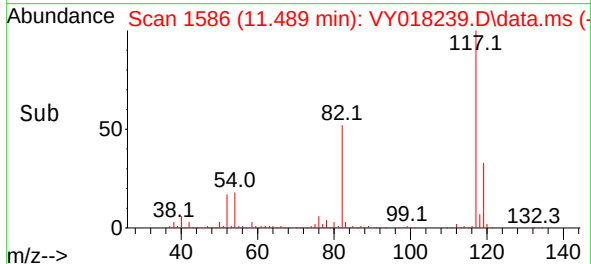
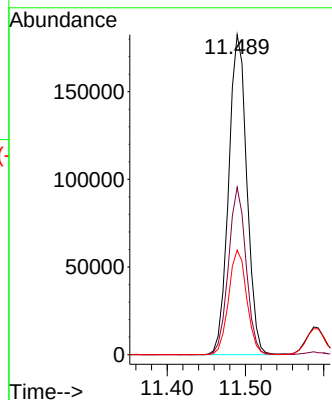
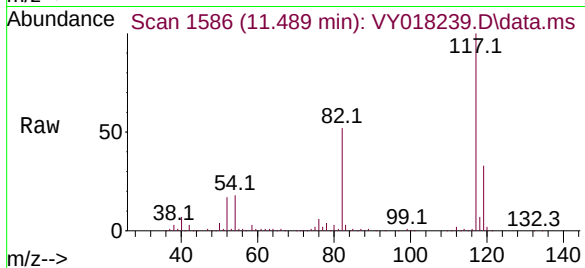
Tgt Ion:117 Resp: 294134

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 32.7 25.9 38.9



#64

Tetrachloroethene

Concen: 19.711 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Tgt Ion:164 Resp: 38601

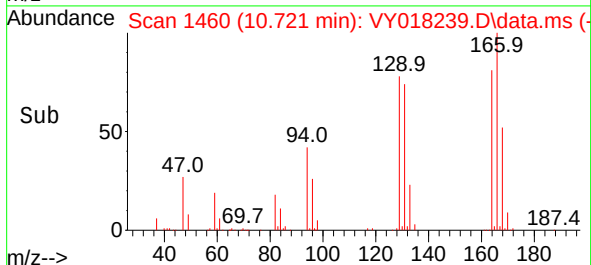
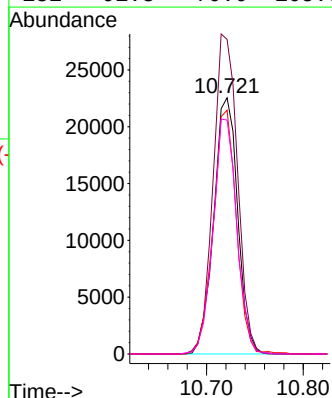
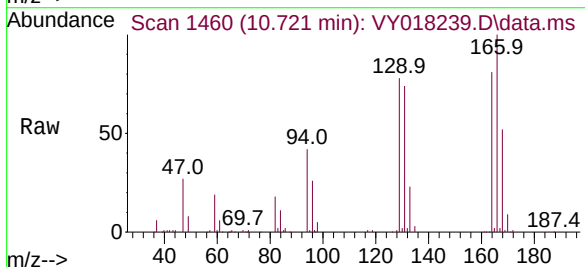
Ion Ratio Lower Upper

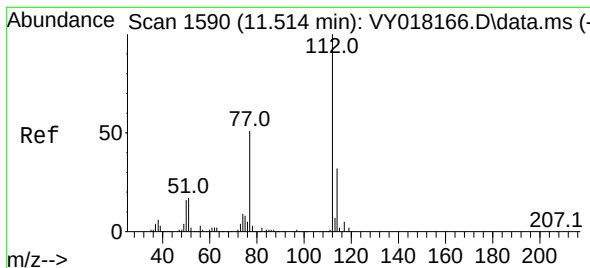
164 100

166 122.8 102.6 154.0

129 95.2 72.0 108.0

131 91.3 70.0 105.0

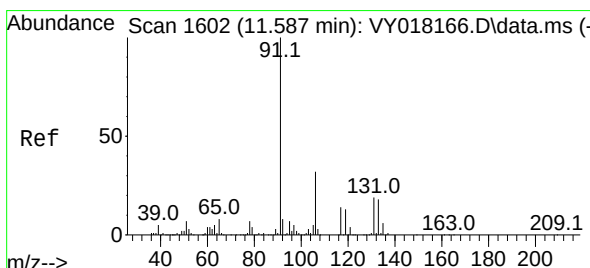
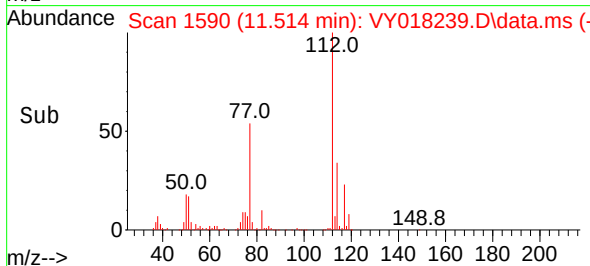
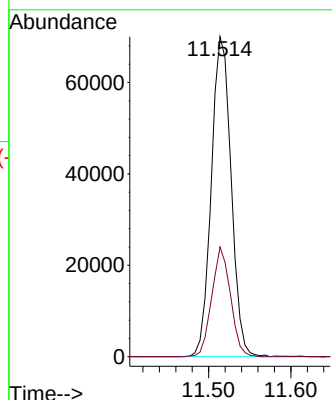
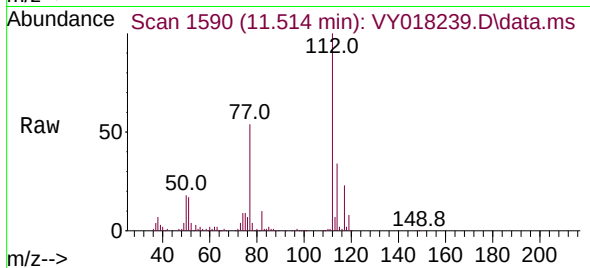




#65
Chlorobenzene
Concen: 19.560 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

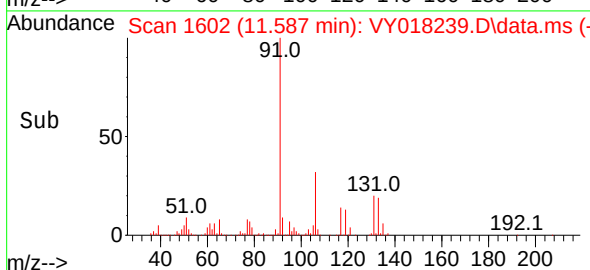
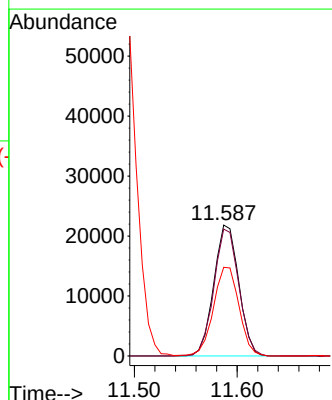
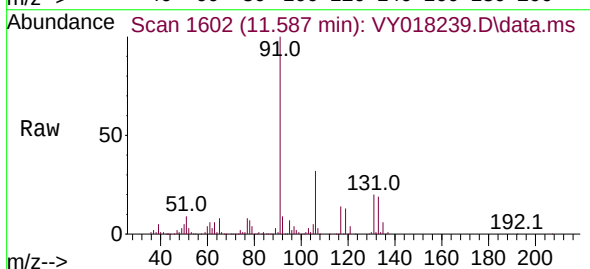
Instrument :
MSVOA_Y
ClientSampleId :

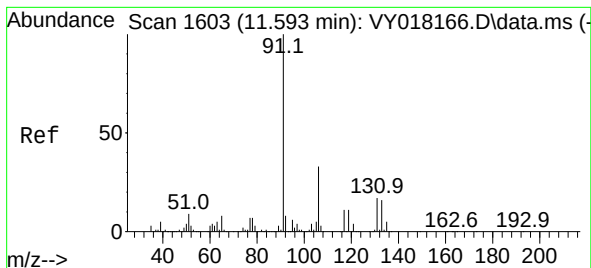
Tgt Ion:112 Resp: 117177
Ion Ratio Lower Upper
112 100
114 34.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.992 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion:131 Resp: 36802
Ion Ratio Lower Upper
131 100
133 97.1 47.8 143.3
119 69.5 34.1 102.2





#67

Ethyl Benzene

Concen: 19.778 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

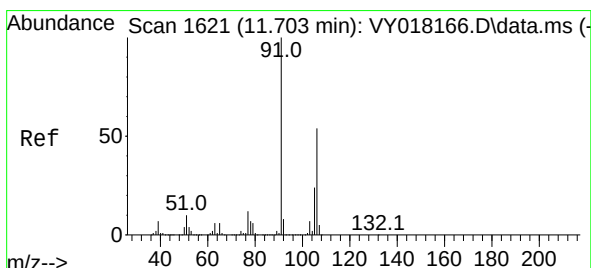
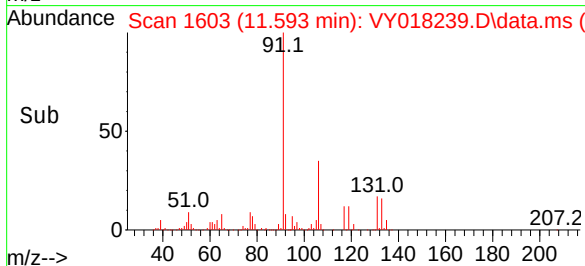
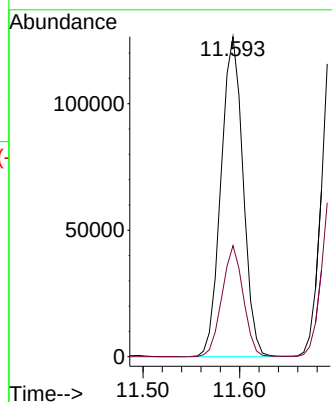
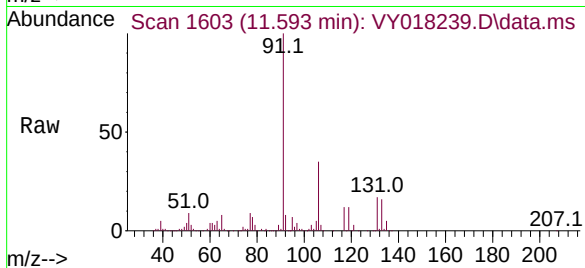
ClientSampleId :

Tgt Ion: 91 Resp: 200045

Ion Ratio Lower Upper

91 100

106 34.7 24.5 36.7



#68

m/p-Xylenes

Concen: 40.172 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY018239.D

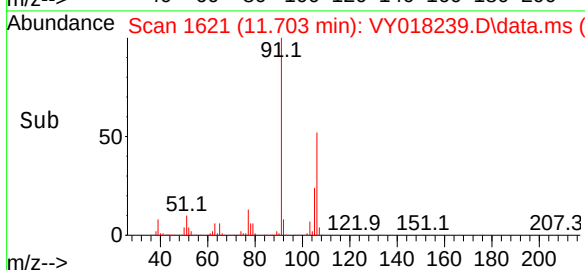
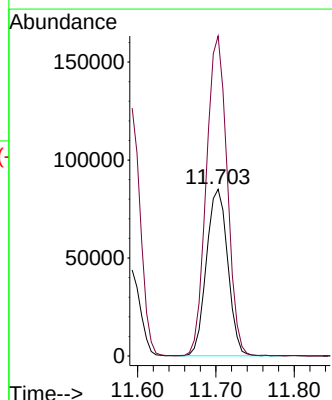
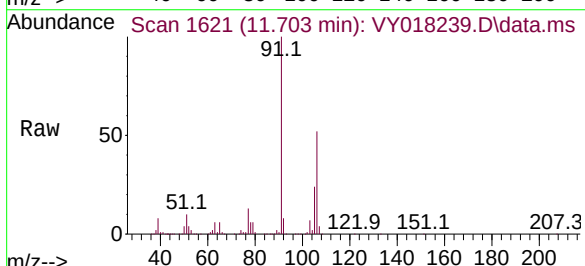
Acq: 13 May 2024 13:26

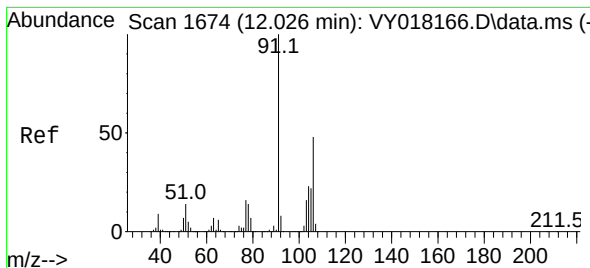
Tgt Ion:106 Resp: 160684

Ion Ratio Lower Upper

106 100

91 187.5 156.0 234.0

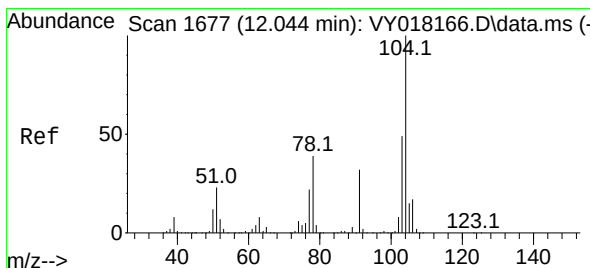
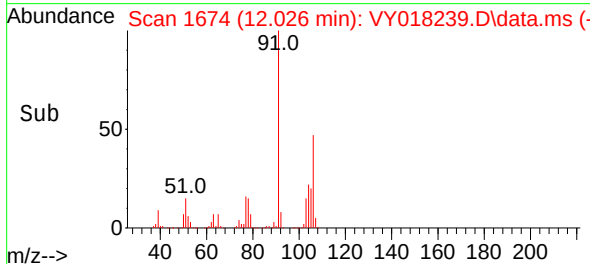
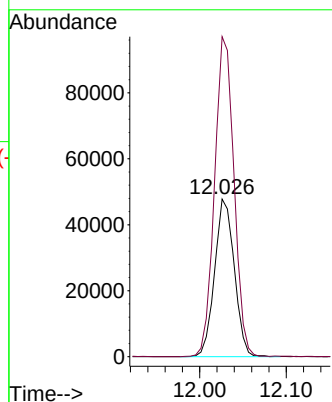
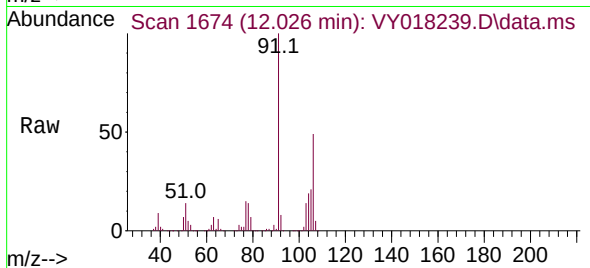




#69
o-Xylene
Concen: 19.660 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

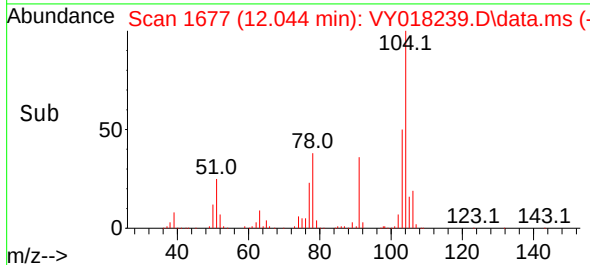
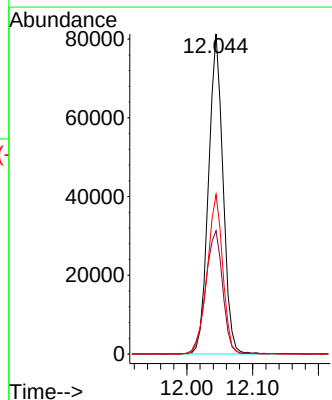
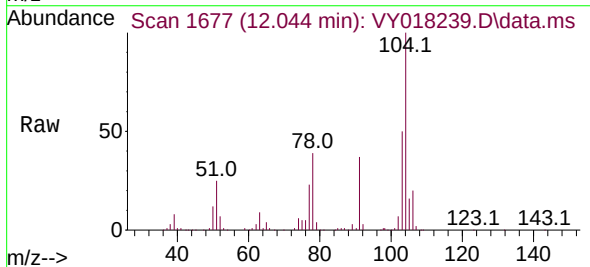
Instrument :
MSVOA_Y
ClientSampleId :

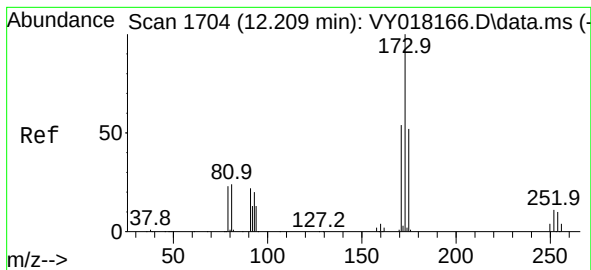
Tgt Ion:106 Resp: 75464
Ion Ratio Lower Upper
106 100
91 200.5 103.6 310.8



#70
Styrene
Concen: 19.505 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion:104 Resp: 125033
Ion Ratio Lower Upper
104 100
78 45.0 37.0 55.4
103 53.3 44.2 66.2





#71

Bromoform

Concen: 18.024 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

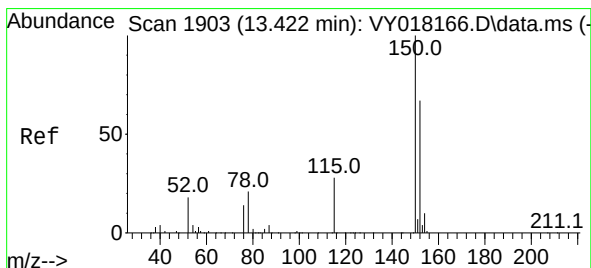
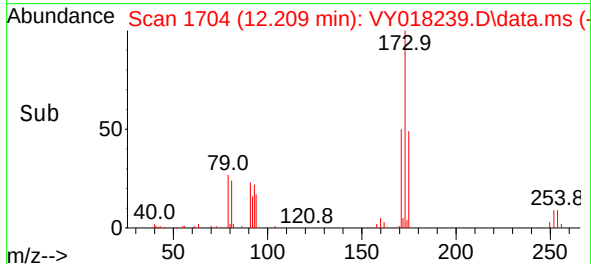
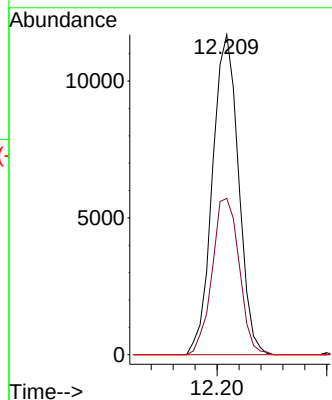
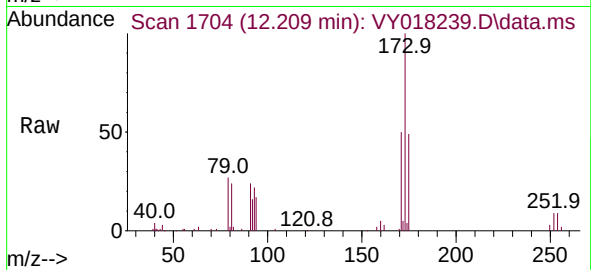
Tgt Ion:173 Resp: 19324

Ion Ratio Lower Upper

173 100

175 50.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

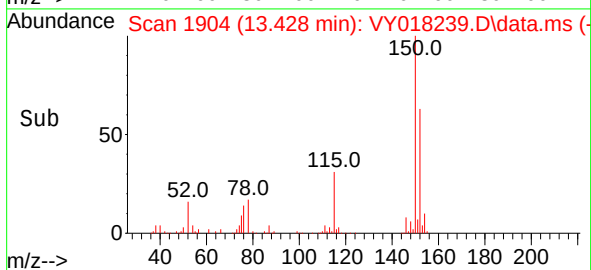
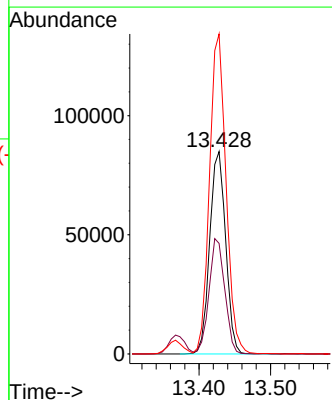
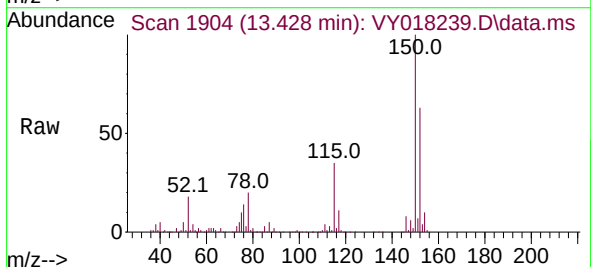
Tgt Ion:152 Resp: 131732

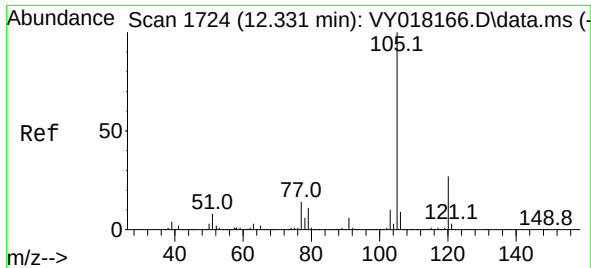
Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 162.7 0.0 345.6

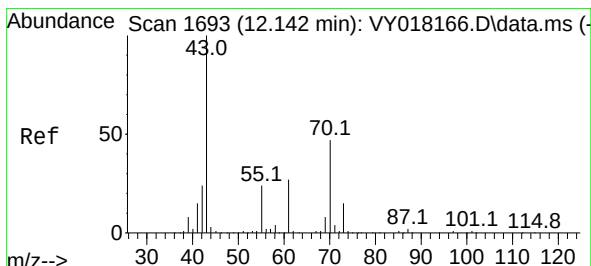
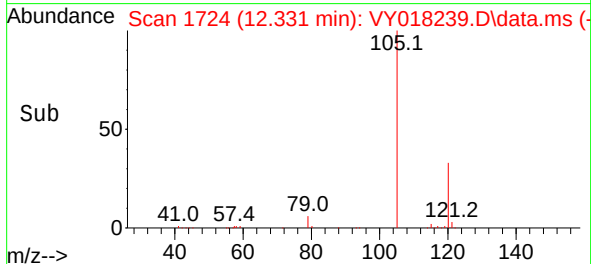
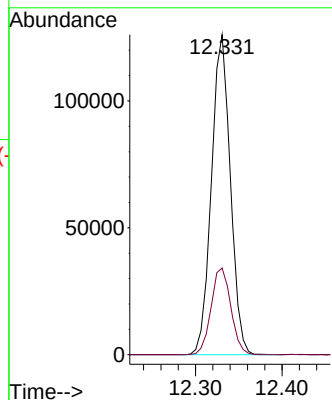
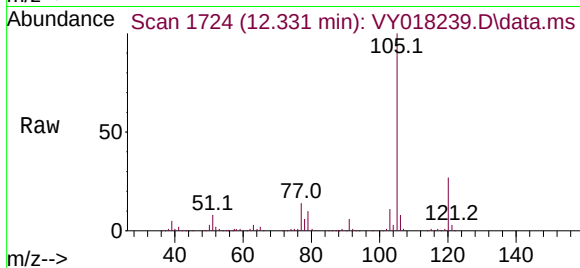




#73
Isopropylbenzene
Concen: 19.354 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

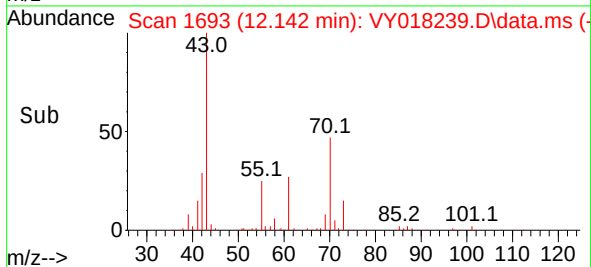
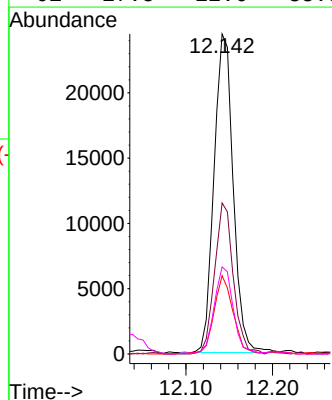
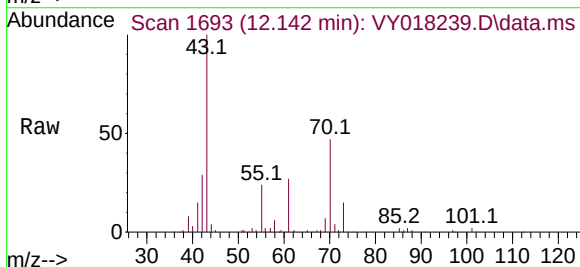
Instrument :
MSVOA_Y
ClientSampleId :

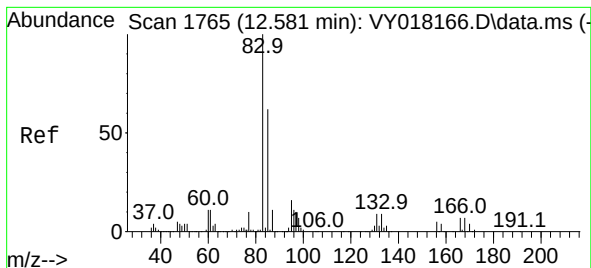
Tgt Ion:105 Resp: 191150
Ion Ratio Lower Upper
105 100
120 28.3 13.4 40.1



#74
N-ethyl acetate
Concen: 18.307 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

Tgt Ion: 43 Resp: 37535
Ion Ratio Lower Upper
43 100
70 46.3 41.4 62.2
55 24.4 23.3 34.9
61 27.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.693 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

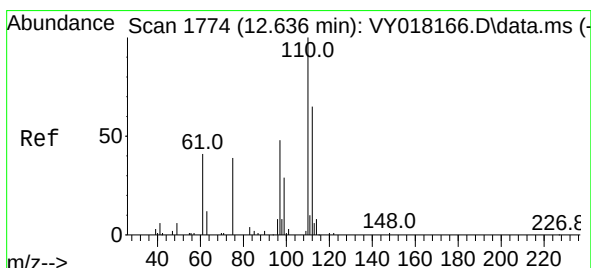
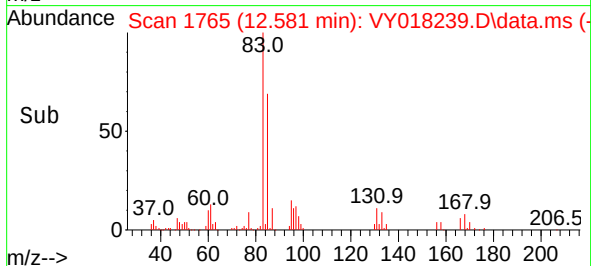
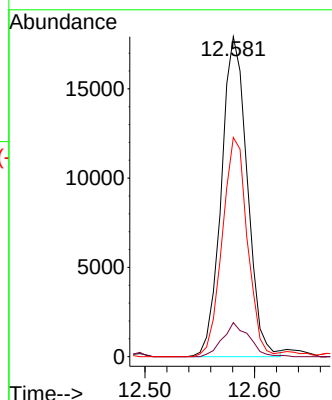
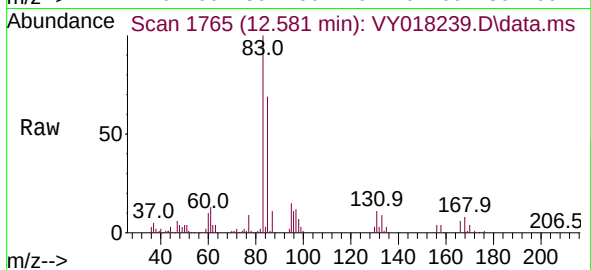
Tgt Ion: 83 Resp: 29451

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 66.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 35.072 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018239.D

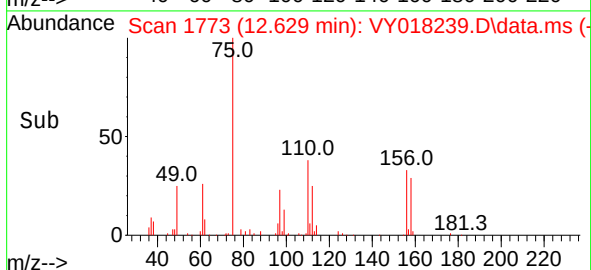
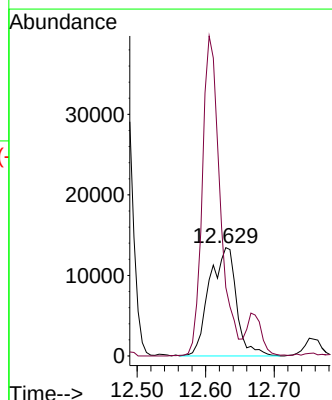
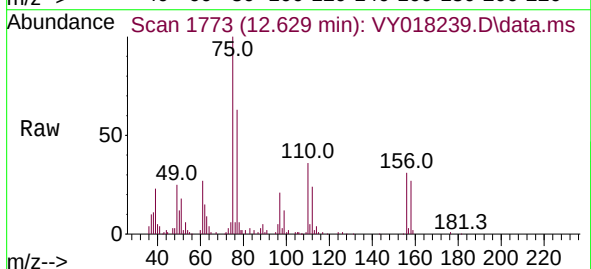
Acq: 13 May 2024 13:26

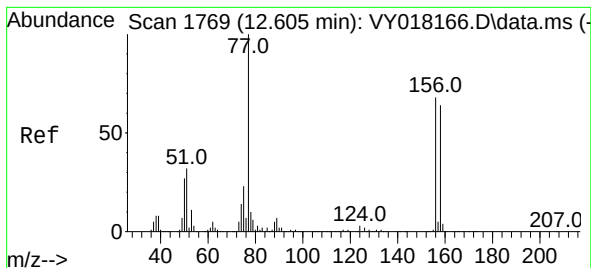
Tgt Ion: 75 Resp: 36981

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.273 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

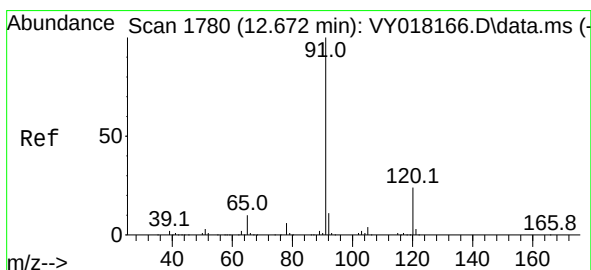
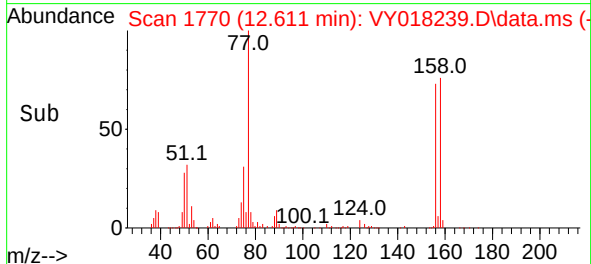
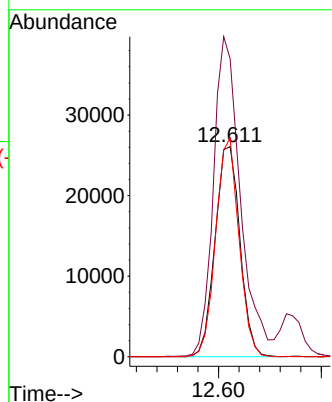
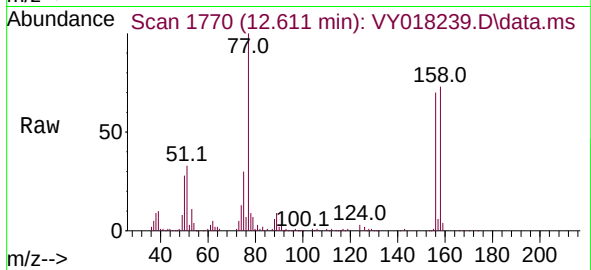
Tgt Ion:156 Resp: 43730

Ion Ratio Lower Upper

156 100

77 164.9 87.1 261.3

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 19.865 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY018239.D

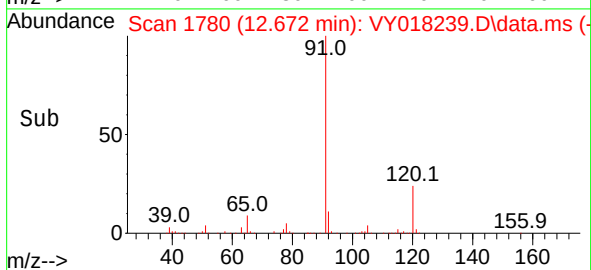
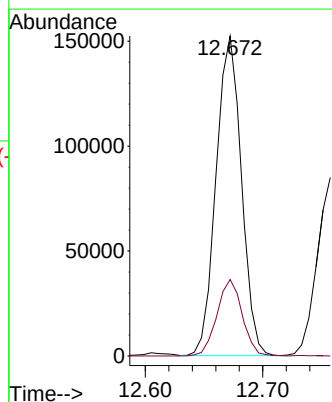
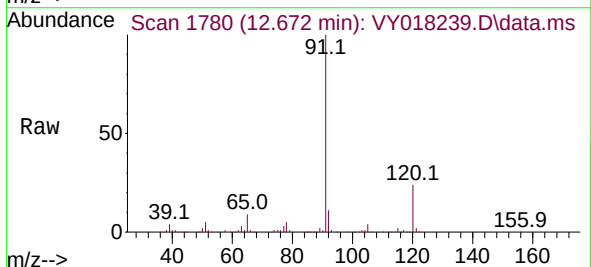
Acq: 13 May 2024 13:26

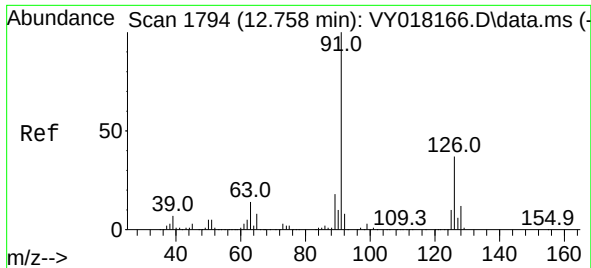
Tgt Ion: 91 Resp: 228211

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.378 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

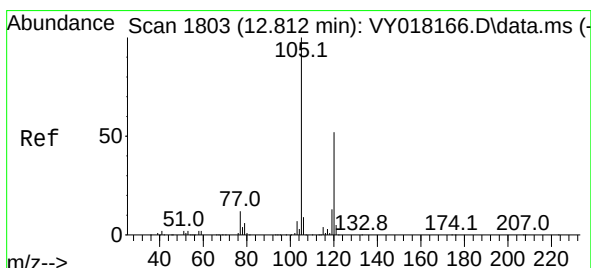
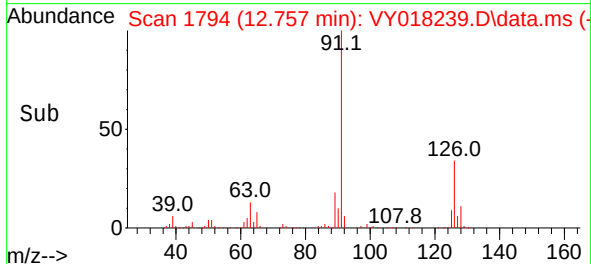
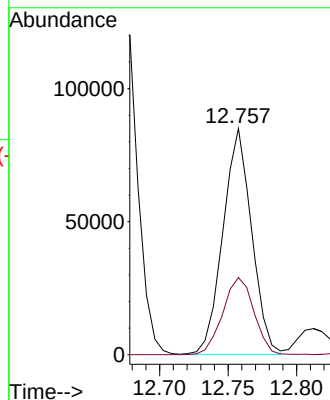
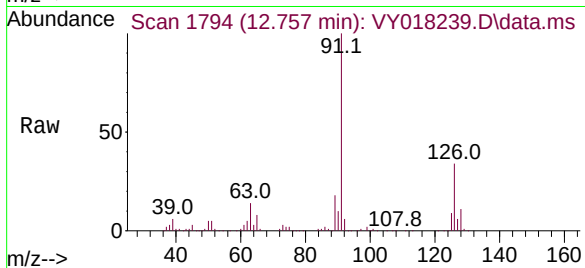
ClientSampleId :

Tgt Ion: 91 Resp: 123704

Ion Ratio Lower Upper

91 100

126 37.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.758 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY018239.D

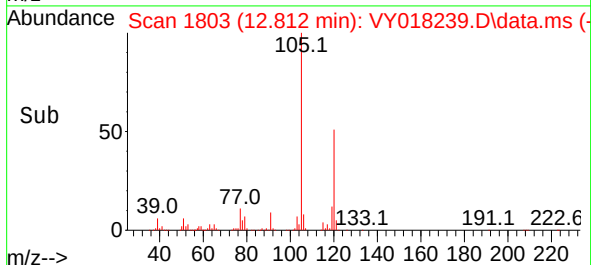
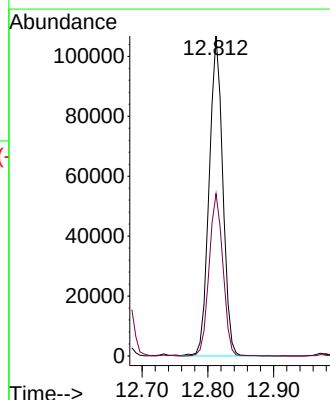
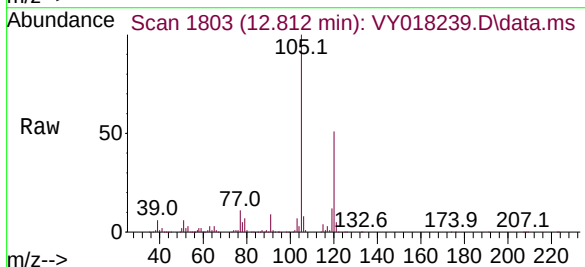
Acq: 13 May 2024 13:26

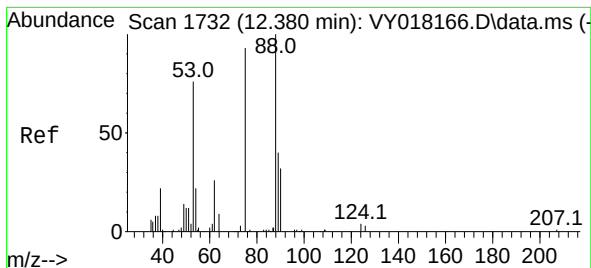
Tgt Ion:105 Resp: 153874

Ion Ratio Lower Upper

105 100

120 51.4 25.1 75.2

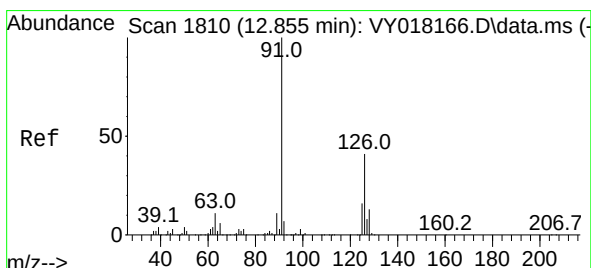
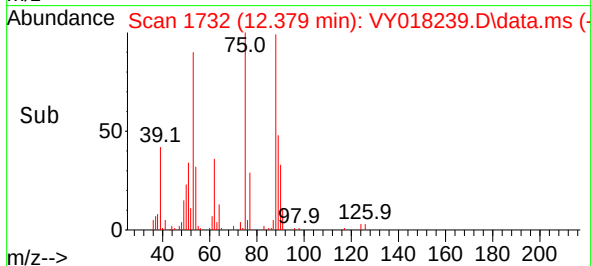
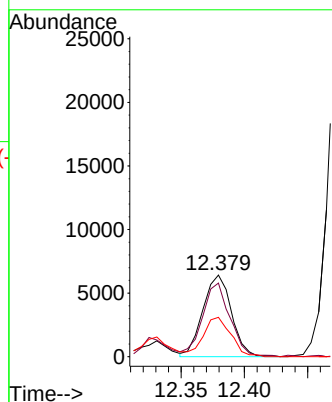
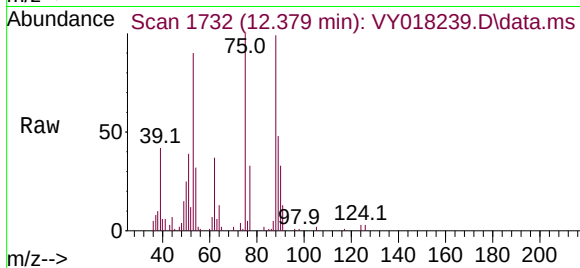




#81
trans-1,4-Dichloro-2-butene
Concen: 18.438 ug/l
RT: 12.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

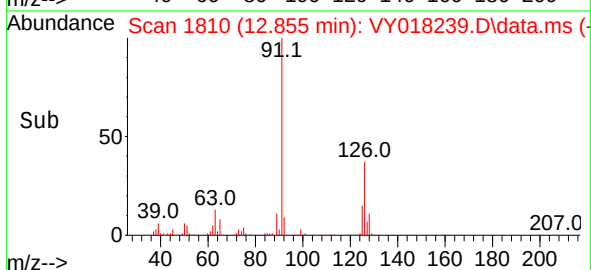
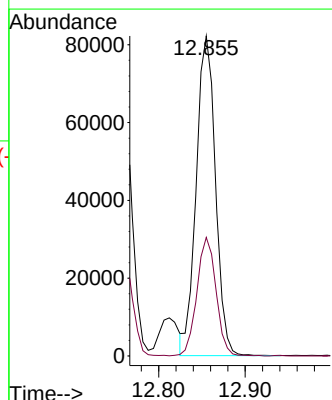
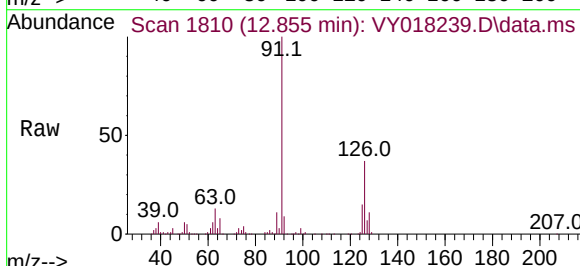
Instrument :
MSVOA_Y
ClientSampleId :

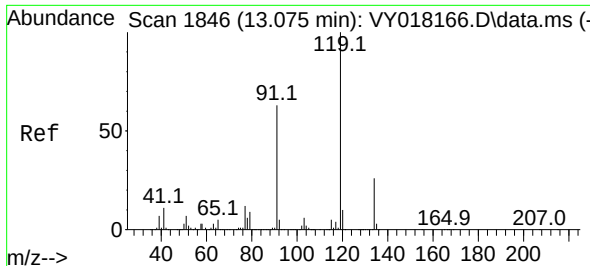
Tgt Ion: 75 Resp: 10091
Ion Ratio Lower Upper
75 100
53 87.2 66.8 100.2
89 47.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.786 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

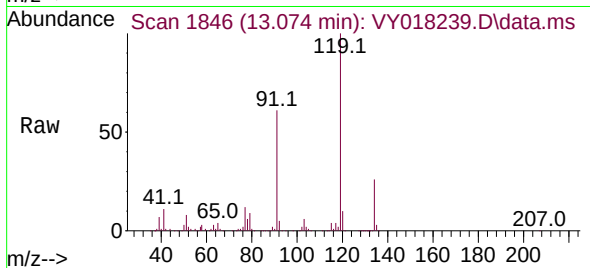
Tgt Ion: 91 Resp: 126877
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9



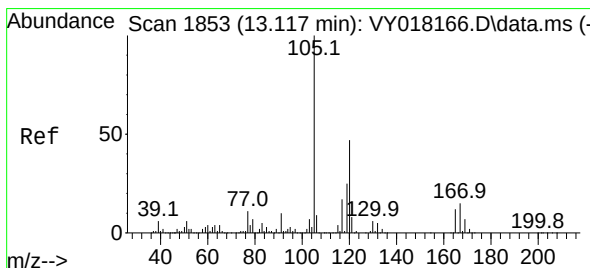
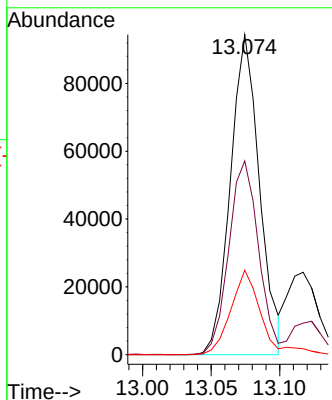
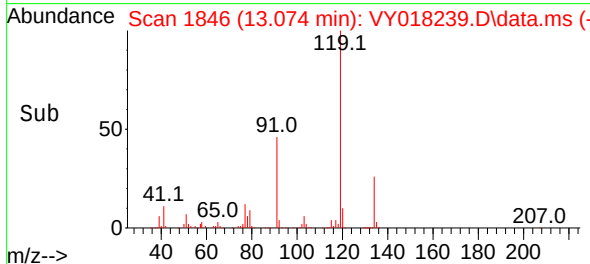


#83
tert-Butylbenzene
Concen: 19.433 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26

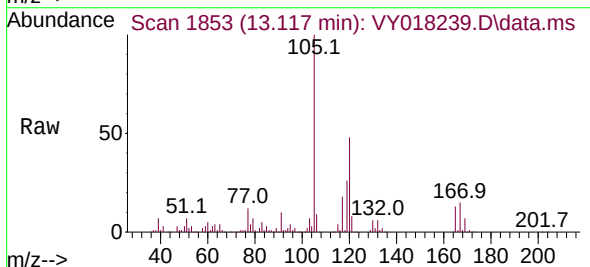
Instrument :
MSVOA_Y
ClientSampleId :



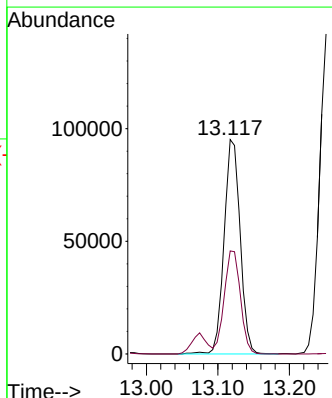
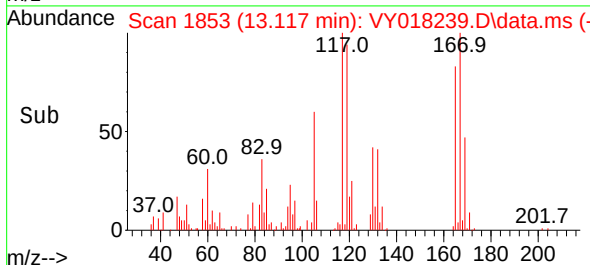
Tgt Ion:119 Resp: 139596
Ion Ratio Lower Upper
119 100
91 61.8 31.3 93.8
134 27.6 13.4 40.1

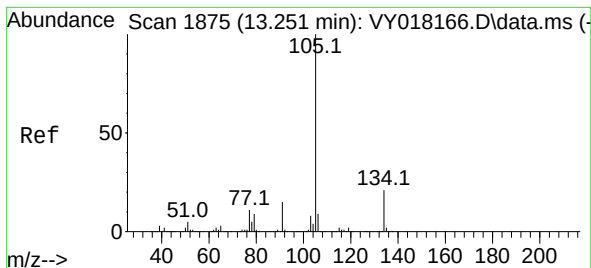


#84
1,2,4-Trimethylbenzene
Concen: 19.460 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY018239.D
Acq: 13 May 2024 13:26



Tgt Ion:105 Resp: 148457
Ion Ratio Lower Upper
105 100
120 48.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.876 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

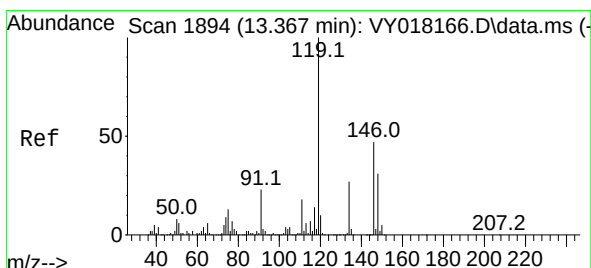
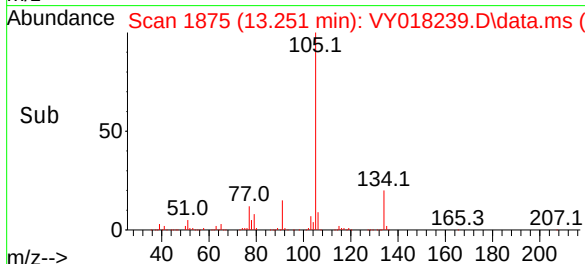
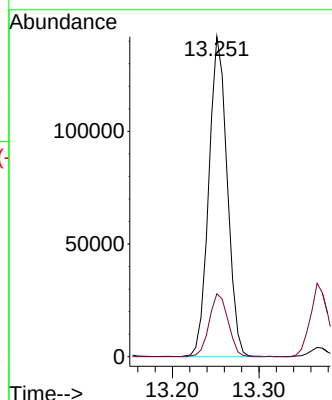
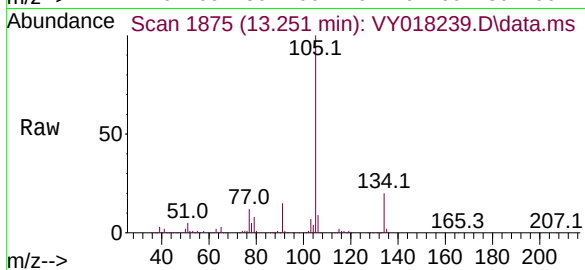
ClientSampleId :

Tgt Ion:105 Resp: 209436

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.690 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

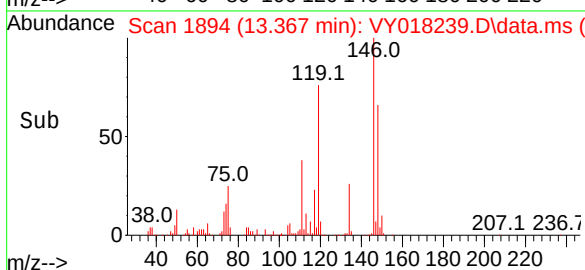
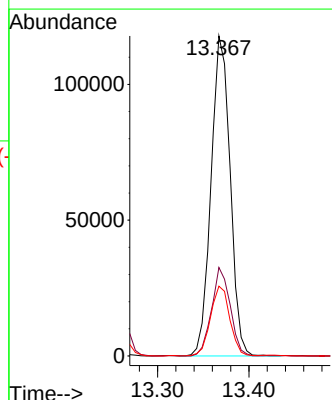
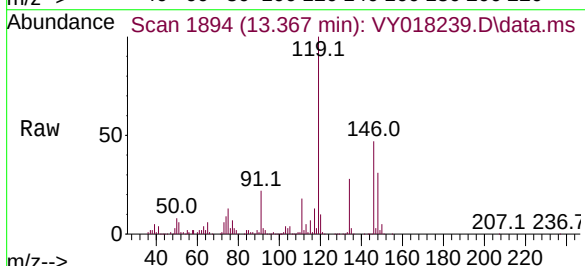
Tgt Ion:119 Resp: 170685

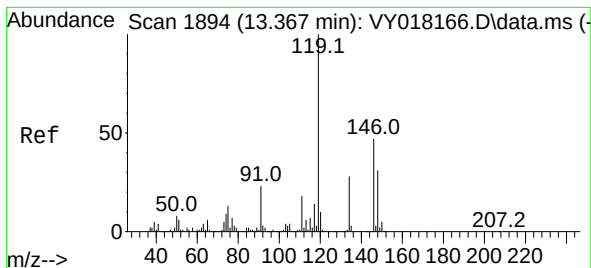
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 22.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.356 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

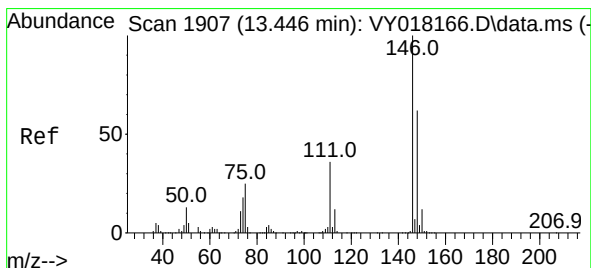
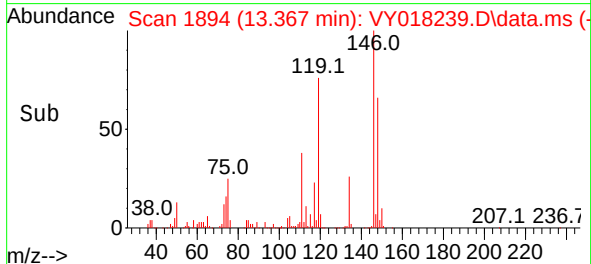
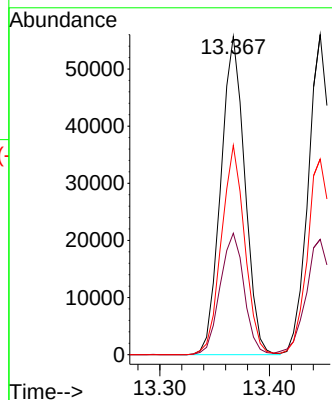
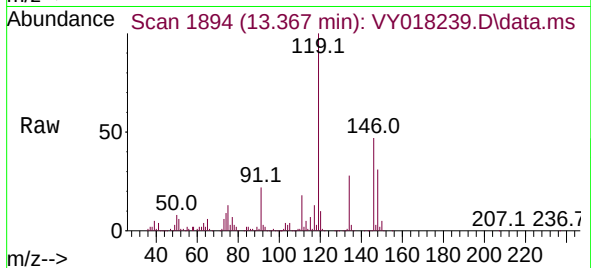
Tgt Ion:146 Resp: 84817

Ion Ratio Lower Upper

146 100

111 38.0 19.0 57.0

148 63.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.395 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

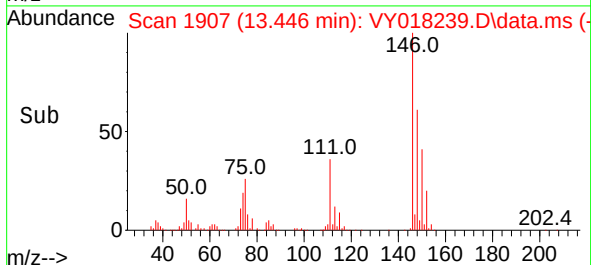
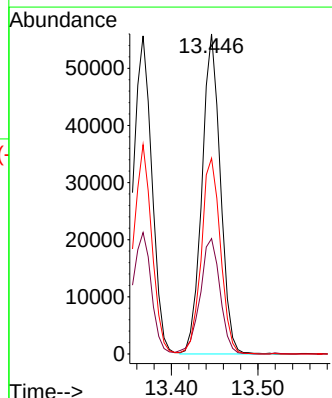
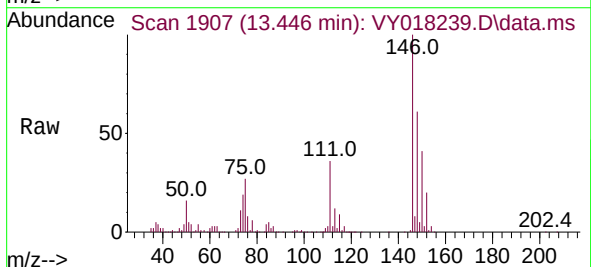
Tgt Ion:146 Resp: 82850

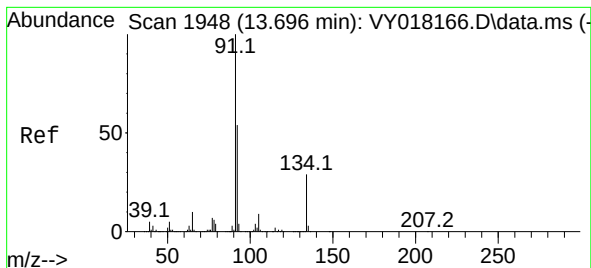
Ion Ratio Lower Upper

146 100

111 38.9 18.4 55.4

148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 19.767 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

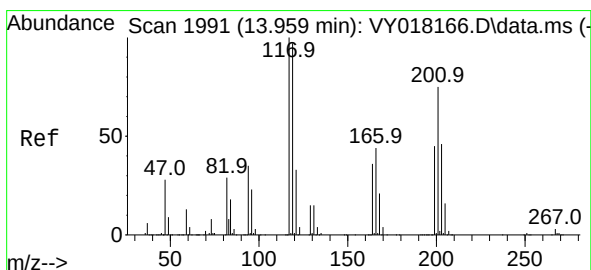
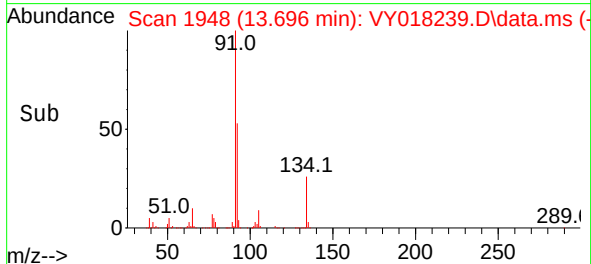
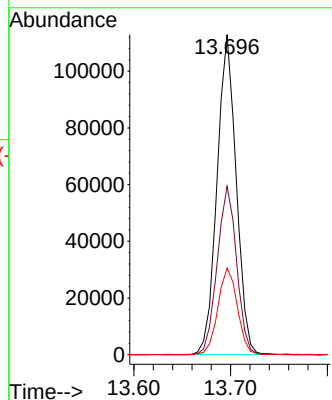
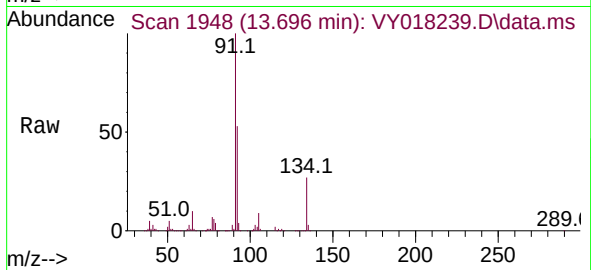
Tgt Ion: 91 Resp: 155071

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

134 27.5 12.9 38.7



#90

Hexachloroethane

Concen: 17.954 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018239.D

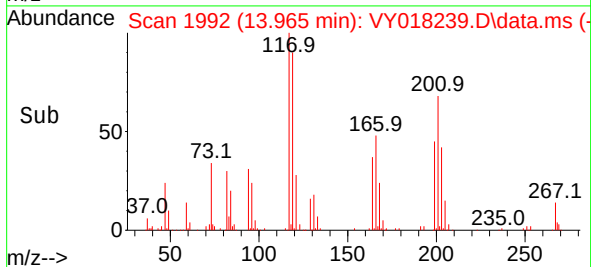
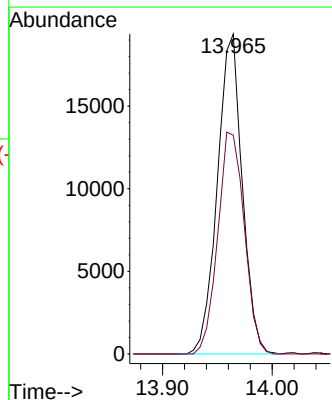
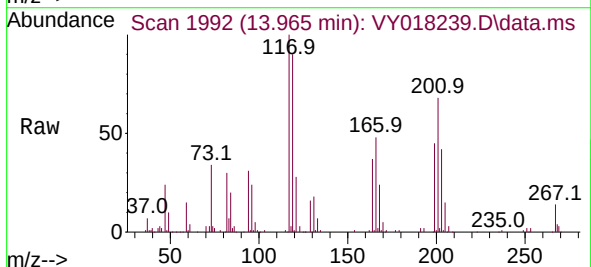
Acq: 13 May 2024 13:26

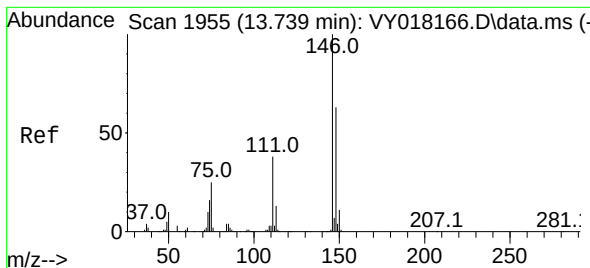
Tgt Ion: 117 Resp: 30533

Ion Ratio Lower Upper

117 100

201 73.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.514 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

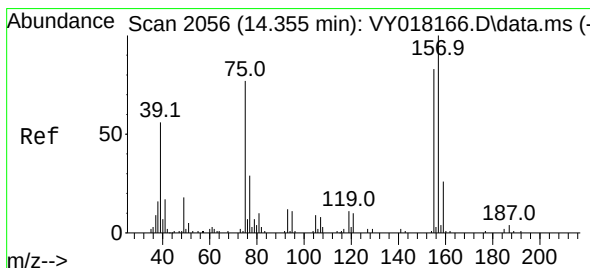
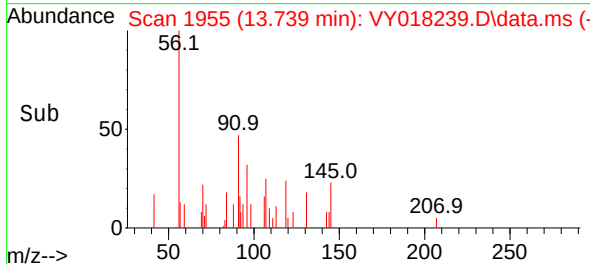
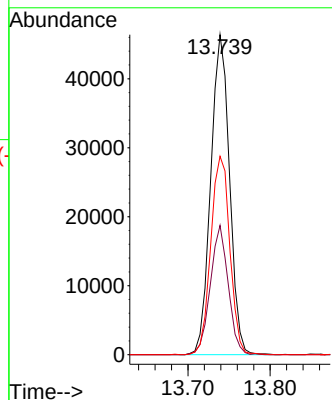
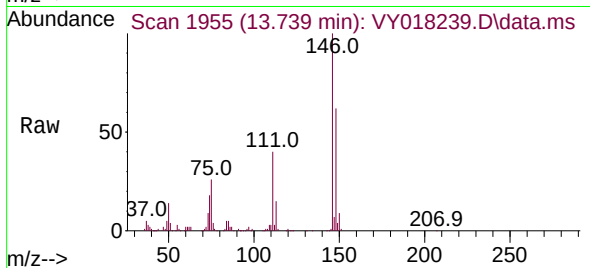
Tgt Ion:146 Resp: 73496

Ion Ratio Lower Upper

146 100

111 38.5 19.9 59.7

148 63.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.554 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

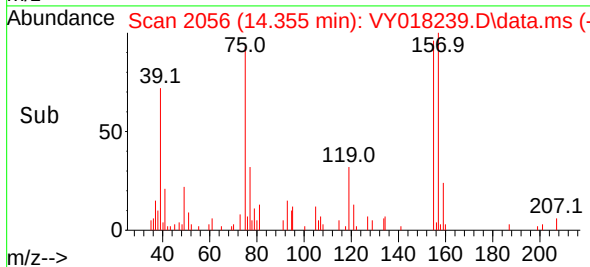
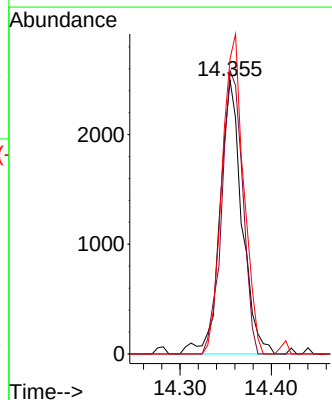
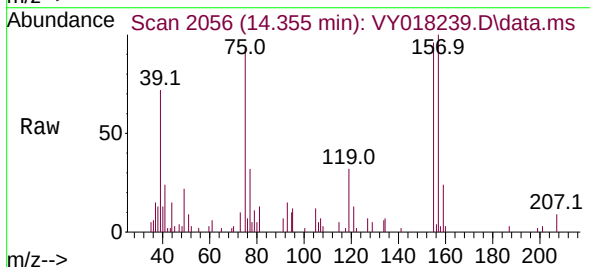
Tgt Ion: 75 Resp: 4195

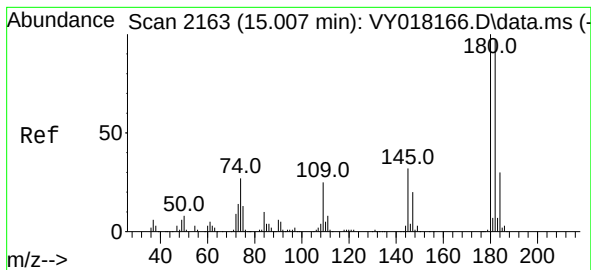
Ion Ratio Lower Upper

75 100

155 97.7 48.6 145.8

157 113.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.961 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

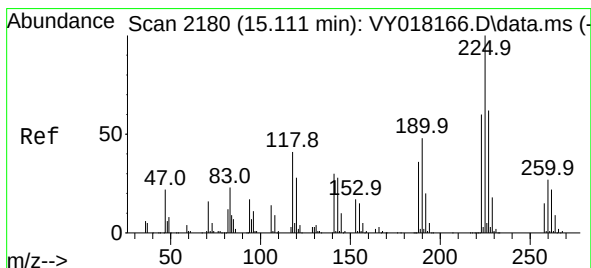
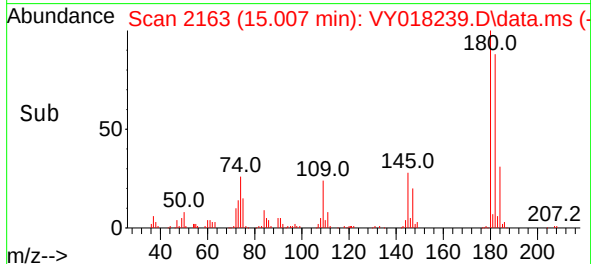
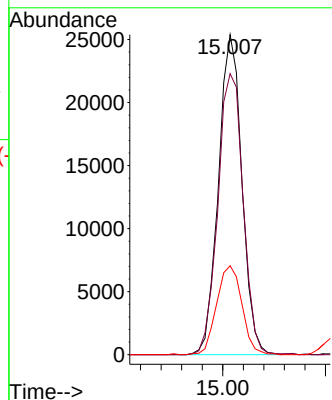
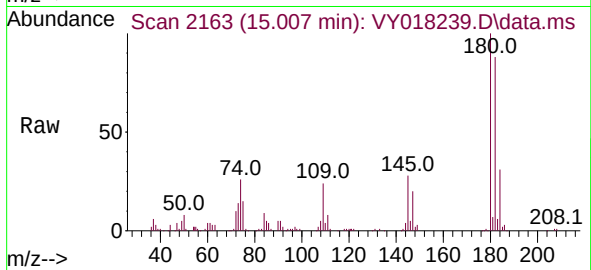
Tgt Ion:180 Resp: 40147

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.8

145 29.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.595 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

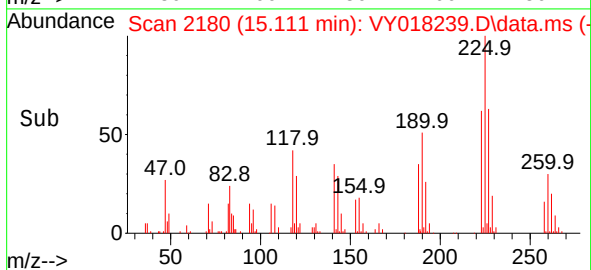
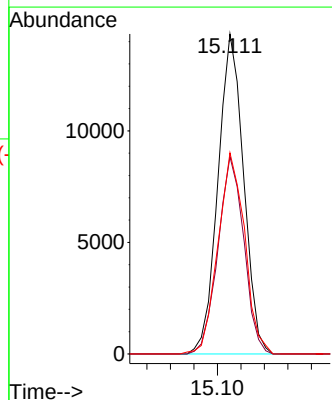
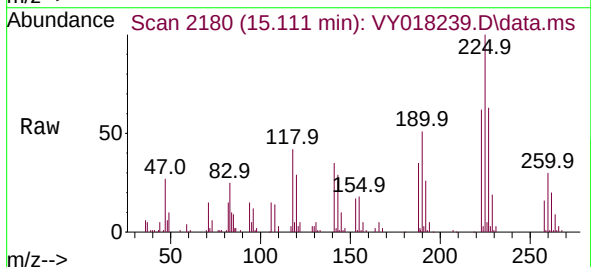
Tgt Ion:225 Resp: 21723

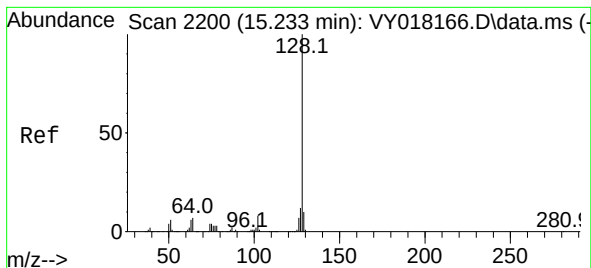
Ion Ratio Lower Upper

225 100

223 62.2 30.4 91.2

227 65.4 31.9 95.9





#95

Naphthalene

Concen: 18.934 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

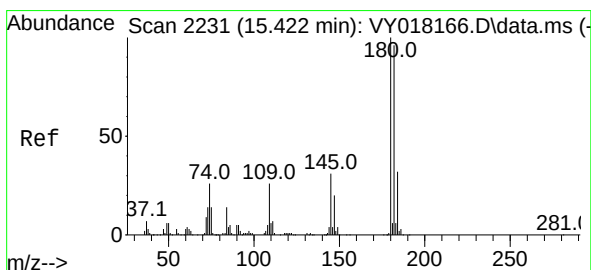
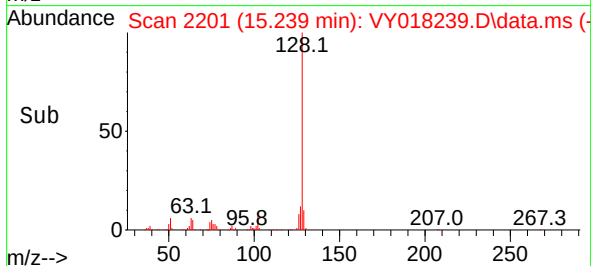
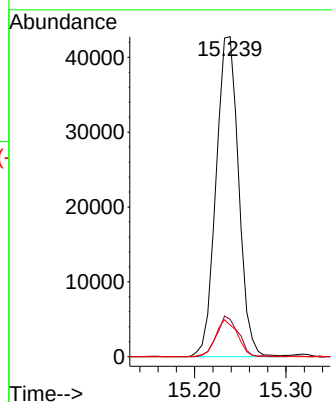
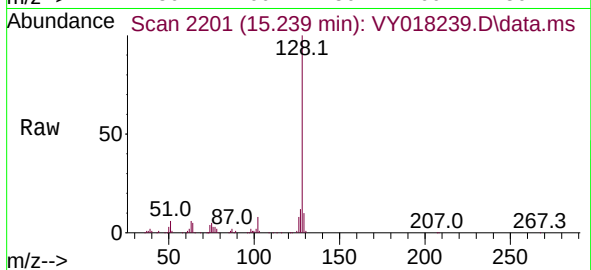
Tgt Ion:128 Resp: 73461

Ion Ratio Lower Upper

128 100

127 12.2 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.911 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018239.D

Acq: 13 May 2024 13:26

Tgt Ion:180 Resp: 32861

Ion Ratio Lower Upper

180 100

182 93.8 47.6 142.9

145 32.9 15.4 46.1

