

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018785.D
 Acq On : 12 Jul 2024 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 23:31:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	114312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	186180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58898	52.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.720%	
35) Dibromofluoromethane	7.710	113	60980	52.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.580%	
50) Toluene-d8	10.179	98	223273	50.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.483	95	75237	49.869	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43524	45.439	ug/l	99
3) Chloromethane	2.107	50	60333	41.449	ug/l	97
4) Vinyl Chloride	2.241	62	76951	45.193	ug/l	99
5) Bromomethane	2.643	94	53692	45.842	ug/l	97
6) Chloroethane	2.784	64	51206	46.289	ug/l	97
7) Trichlorofluoromethane	3.113	101	98960	44.476	ug/l	91
8) Diethyl Ether	3.515	74	25755	47.491	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	52212	45.736	ug/l	96
10) Methyl Iodide	4.076	142	64397	52.384	ug/l	93
11) Tert butyl alcohol	4.942	59	16787	147.321	ug/l #	78
12) 1,1-Dichloroethene	3.857	96	50282	45.529	ug/l	93
13) Acrolein	3.716	56	22626	247.837	ug/l	98
14) Allyl chloride	4.466	41	62747	45.861	ug/l	91
15) Acrylonitrile	5.149	53	52344	244.666	ug/l	96
16) Acetone	3.936	43	63825	307.768	ug/l	95
17) Carbon Disulfide	4.180	76	142706	46.147	ug/l	96
18) Methyl Acetate	4.466	43	27632	45.857	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	122337	47.751	ug/l	100
20) Methylene Chloride	4.698	84	59484	50.720	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	54858	47.063	ug/l	97
22) Diisopropyl ether	6.106	45	140785	47.304	ug/l	93
23) Vinyl Acetate	6.045	43	561858	239.627	ug/l	100
24) 1,1-Dichloroethane	6.003	63	88502	46.575	ug/l	98
25) 2-Butanone	6.972	43	79519	273.553	ug/l	91
26) 2,2-Dichloropropane	6.966	77	80673	45.756	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	62519	46.069	ug/l	96
28) Bromochloromethane	7.326	49	38152	49.989	ug/l	95
29) Tetrahydrofuran	7.338	42	41917	235.211	ug/l	96
30) Chloroform	7.496	83	101701	48.022	ug/l	99
31) Cyclohexane	7.777	56	75118	43.468	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	92997	47.223	ug/l	99
36) 1,1-Dichloropropene	7.911	75	68797	42.752	ug/l	100
37) Ethyl Acetate	7.063	43	30134	45.050	ug/l	98
38) Carbon Tetrachloride	7.893	117	86383	44.569	ug/l	96
39) Methylcyclohexane	9.179	83	93364	45.273	ug/l	97
40) Benzene	8.155	78	209989	44.982	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	27257	71.474	ug/l #	30
42) 1,2-Dichloroethane	8.228	62	59165	45.267	ug/l	97
43) Isopropyl Acetate	8.264	43	58488	43.944	ug/l	96
44) Trichloroethene	8.935	130	59583	44.651	ug/l	98
45) 1,2-Dichloropropane	9.209	63	44559	43.833	ug/l	97
46) Dibromomethane	9.301	93	30406	46.145	ug/l	99
47) Bromodichloromethane	9.490	83	75726	46.003	ug/l	98
48) Methyl methacrylate	9.289	41	26980	44.597	ug/l #	87
49) 1,4-Dioxane	9.295	88	6898	893.056	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	154191	226.904	ug/l	93
52) Toluene	10.240	92	137441	44.296	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	65956	46.407	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	77676	46.587	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	38399	46.020	ug/l	98
56) Ethyl methacrylate	10.508	69	50942	46.372	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	64545	46.664	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	102712	195.705	ug/l	93
59) 2-Hexanone	10.831	43	119064	250.447	ug/l	92
60) Dibromochloromethane	10.983	129	53478	46.646	ug/l	98
61) 1,2-Dibromoethane	11.087	107	37642	46.403	ug/l	97
64) Tetrachloroethene	10.715	164	59481	45.947	ug/l	98
65) Chlorobenzene	11.514	112	153478	45.490	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	54724	47.077	ug/l	95
67) Ethyl Benzene	11.593	91	264968	44.830	ug/l	96
68) m/p-Xylenes	11.703	106	207786	89.587	ug/l	97
69) o-Xylene	12.026	106	99548	45.653	ug/l	99
70) Styrene	12.044	104	165971	45.617	ug/l	97
71) Bromoform	12.209	173	29866	47.136	ug/l #	98
73) Isopropylbenzene	12.331	105	262204	45.678	ug/l	98
74) N-amyl acetate	12.142	43	54004	46.002	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	41099	45.417	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	53796	87.571	ug/l #	100
77) Bromobenzene	12.611	156	61177	44.642	ug/l	94
78) n-propylbenzene	12.672	91	301441	44.221	ug/l	97
79) 2-Chlorotoluene	12.758	91	171547	44.755	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	212675	45.281	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	12750	46.451	ug/l #	84
82) 4-Chlorotoluene	12.855	91	178396	45.199	ug/l	99
83) tert-Butylbenzene	13.075	119	194646	44.888	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	210296	45.057	ug/l	100
85) sec-Butylbenzene	13.251	105	278084	45.181	ug/l	98
86) p-Isopropyltoluene	13.367	119	237156	44.632	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	119840	44.525	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	116877	43.814	ug/l	98
89) n-Butylbenzene	13.696	91	216337	44.909	ug/l	98
90) Hexachloroethane	13.965	117	45424	45.967	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	106467	45.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6542	44.615	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	62460	44.009	ug/l	97
94) Hexachlorobutadiene	15.111	225	36050	44.068	ug/l	97
95) Naphthalene	15.239	128	111651	45.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	54085	44.539	ug/l	96

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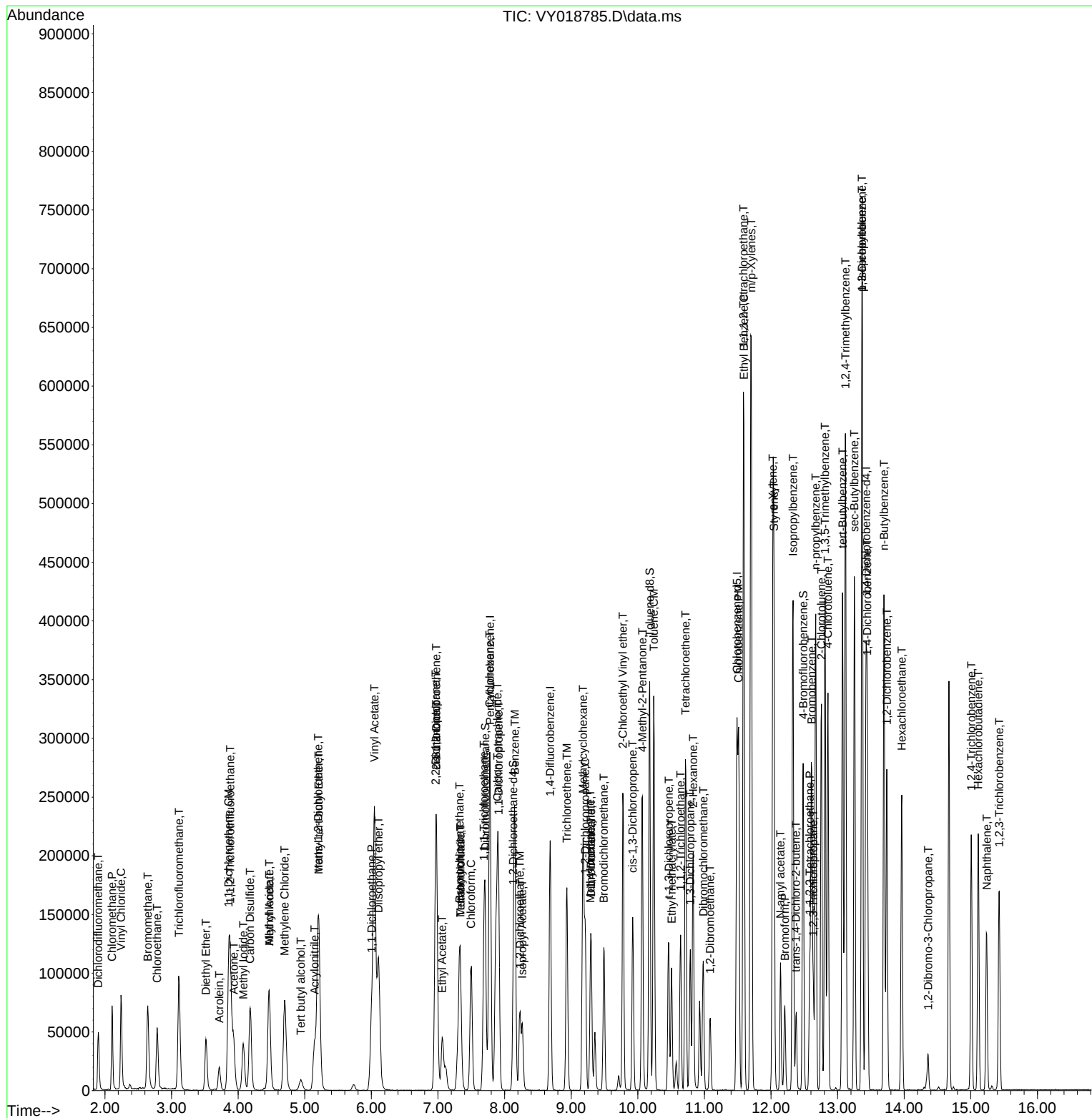
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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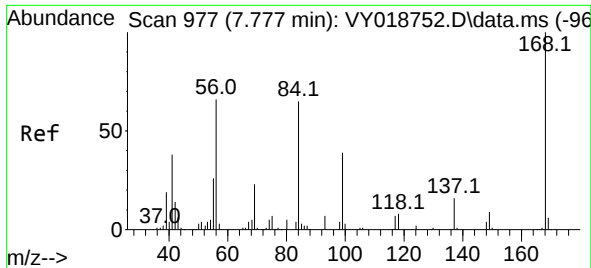
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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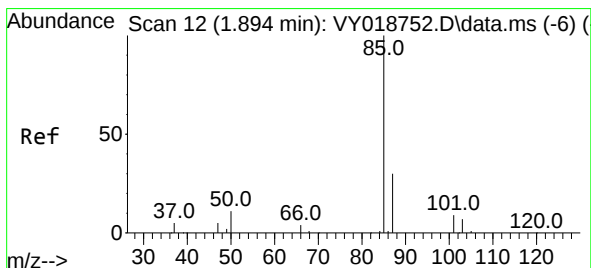
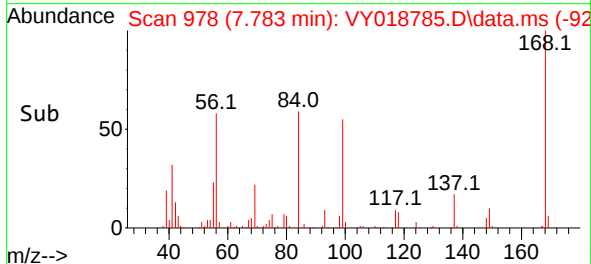
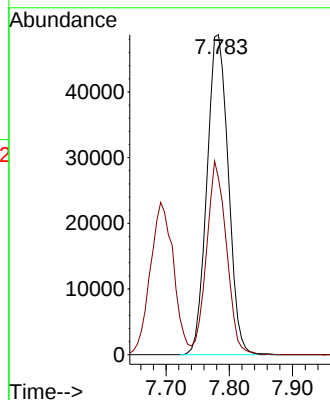
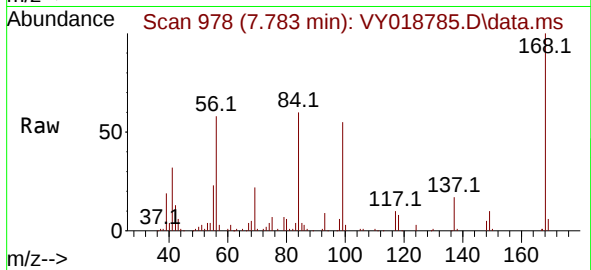




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
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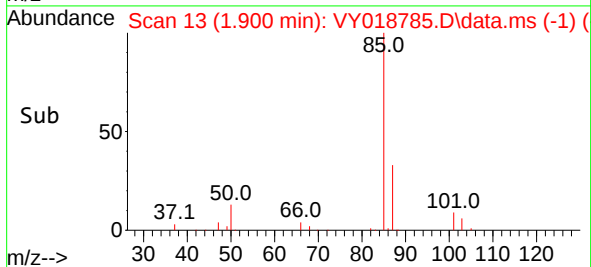
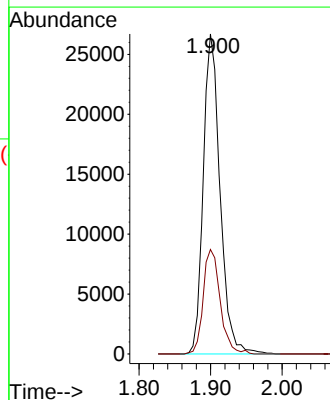
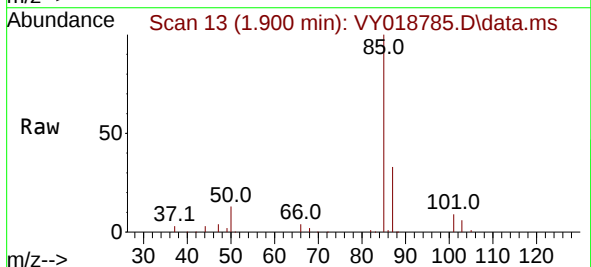
Instrument :
MSVOA_Y
ClientSampleId :

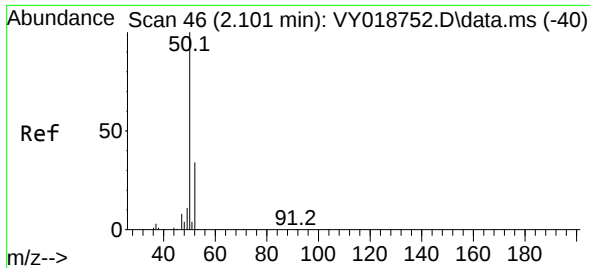
Tgt Ion:168 Resp: 114312
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 45.439 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 85 Resp: 43524
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

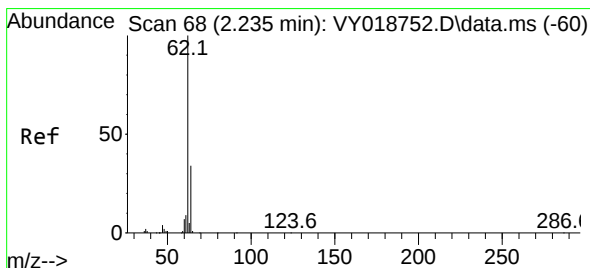
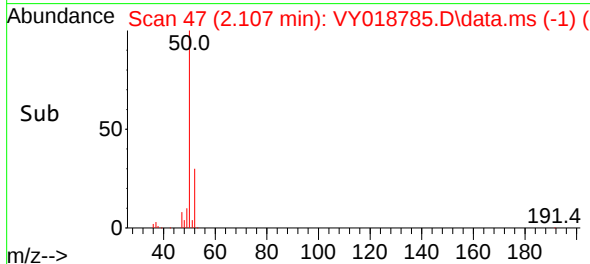
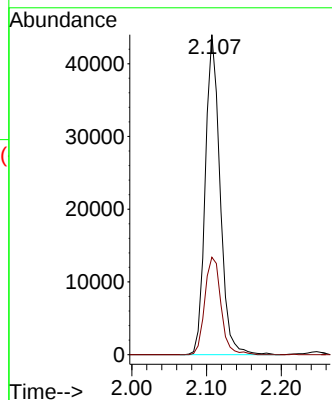
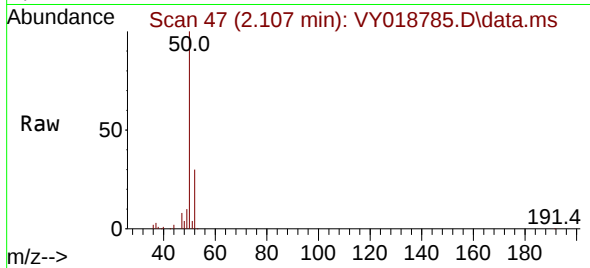




#3
Chloromethane
Concen: 41.449 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018785.D
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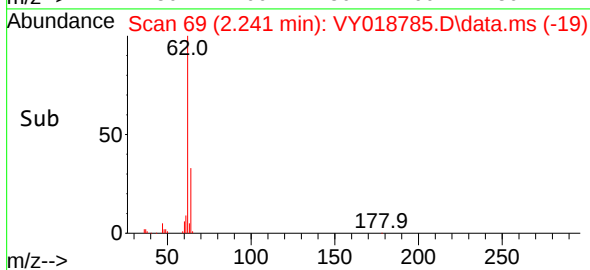
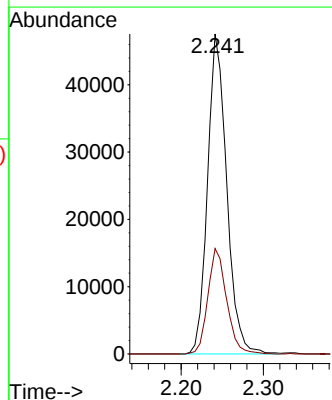
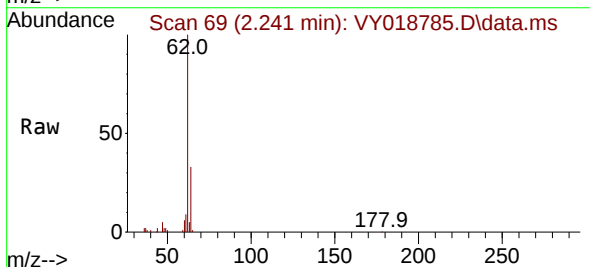
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 60333
Ion Ratio Lower Upper
50 100
52 30.4 25.6 38.4



#4
Vinyl Chloride
Concen: 45.193 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 62 Resp: 76951
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

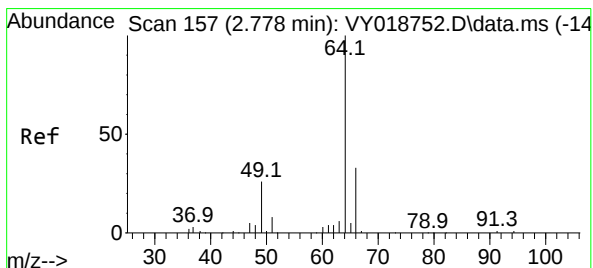
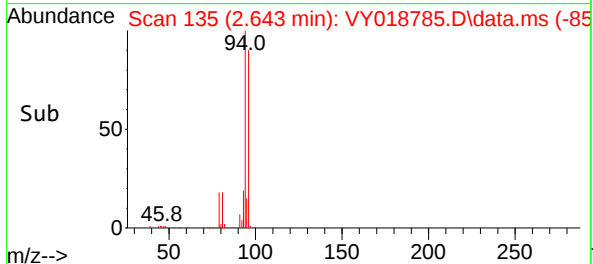
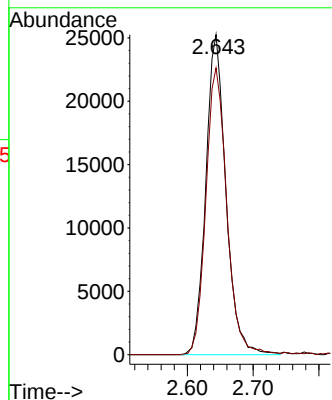
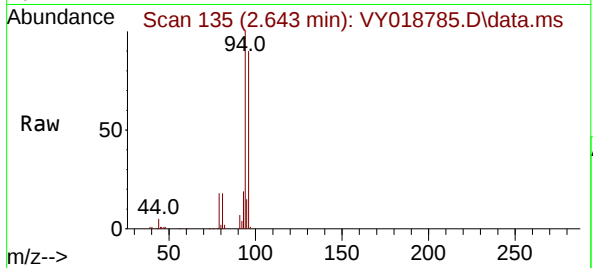




#5
Bromomethane
Concen: 45.842 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

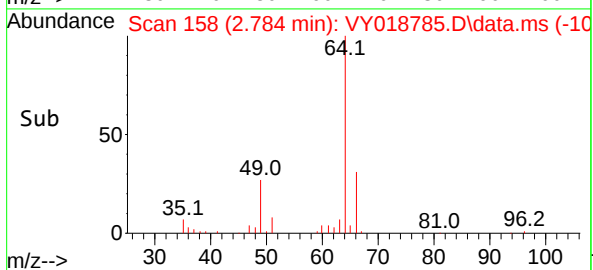
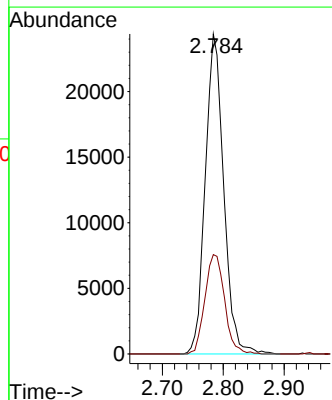
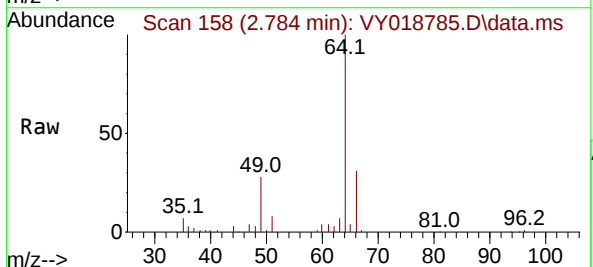
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 53692
Ion Ratio Lower Upper
94 100
96 89.6 74.1 111.1



#6
Chloroethane
Concen: 46.289 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 64 Resp: 51206
Ion Ratio Lower Upper
64 100
66 31.0 26.1 39.1

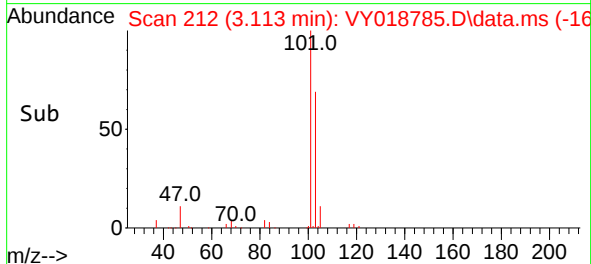
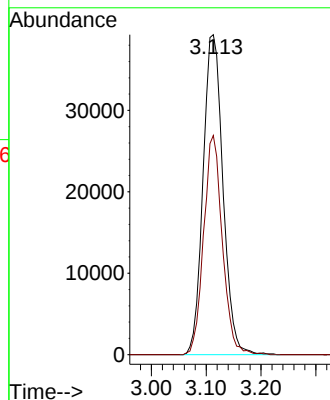
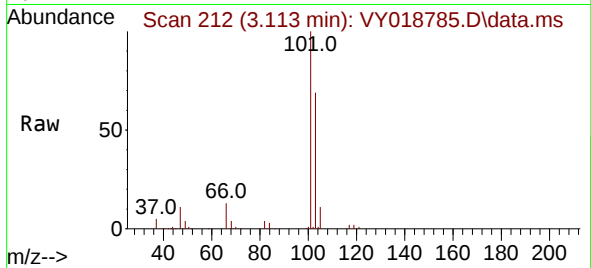




#7
 Trichlorofluoromethane
 Concen: 44.476 ug/l
 RT: 3.113 min Scan# 210
 Delta R.T. 0.012 min
 Lab File: VY018785.D
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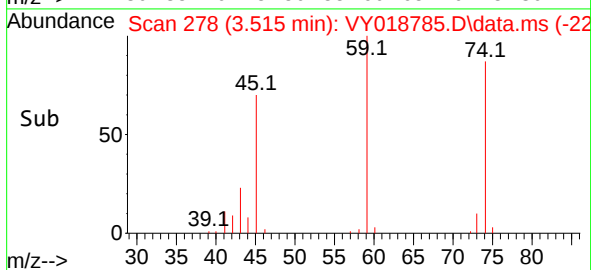
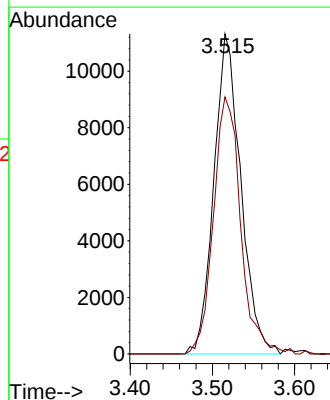
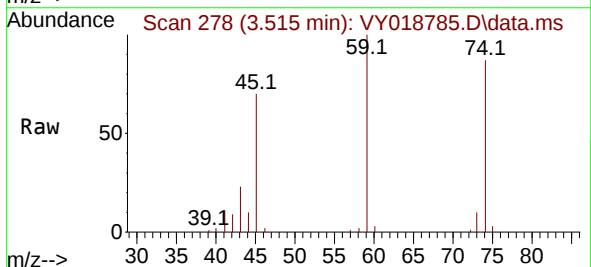
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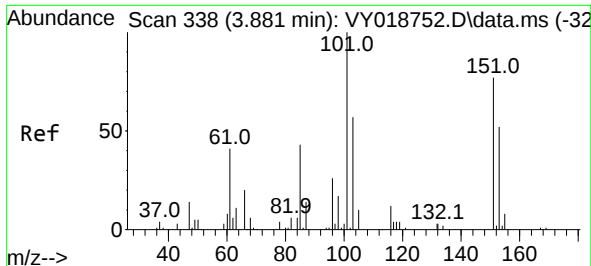
Tgt Ion:101 Resp: 98960
 Ion Ratio Lower Upper
 101 100
 103 68.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.491 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VY018785.D
 Acq: 12 Jul 2024 09:38

Tgt Ion: 74 Resp: 25755
 Ion Ratio Lower Upper
 74 100
 45 81.2 41.3 124.1

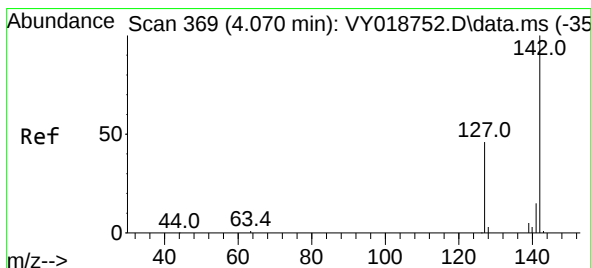
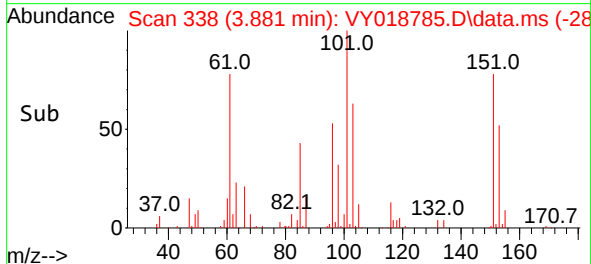
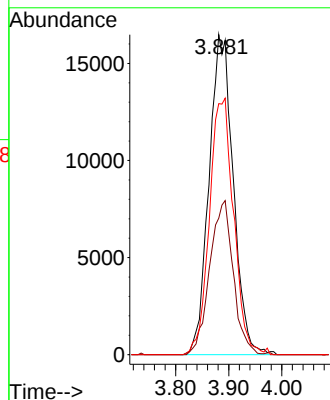
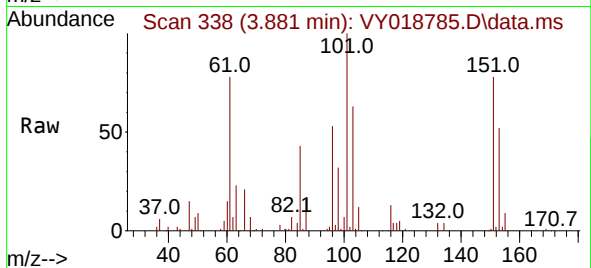




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.736 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY018785.D
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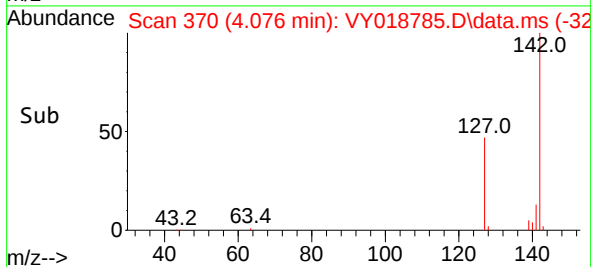
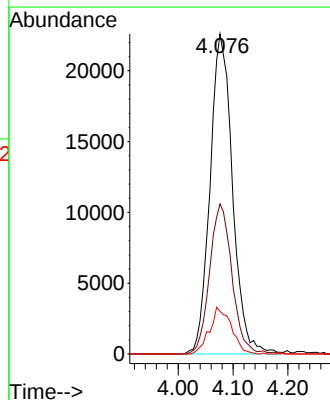
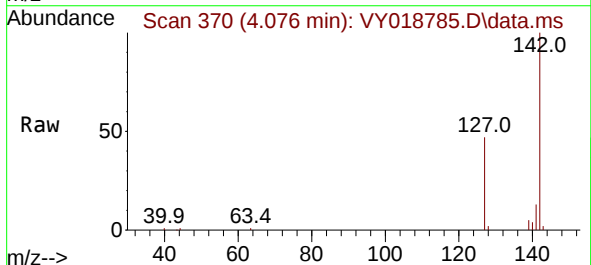
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MSVOA_Y
ClientSampleId :

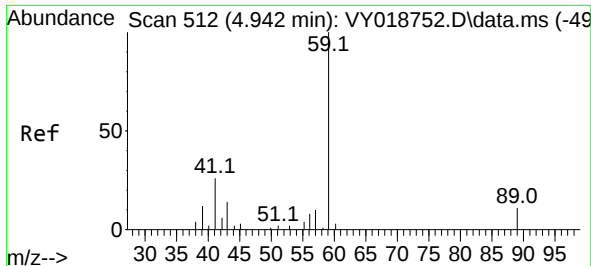
Tgt Ion:101 Resp: 52212
Ion Ratio Lower Upper
101 100
85 46.7 34.5 51.7
151 80.3 61.7 92.5



#10
Methyl Iodide
Concen: 52.384 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion:142 Resp: 64397
Ion Ratio Lower Upper
142 100
127 46.6 32.8 49.2
141 14.1 11.4 17.2

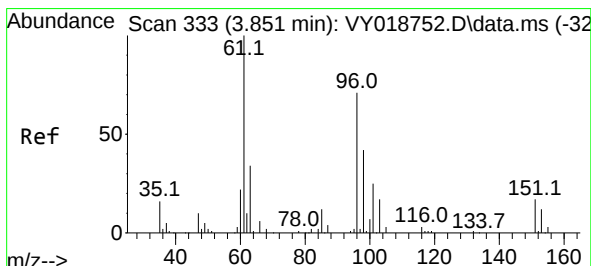
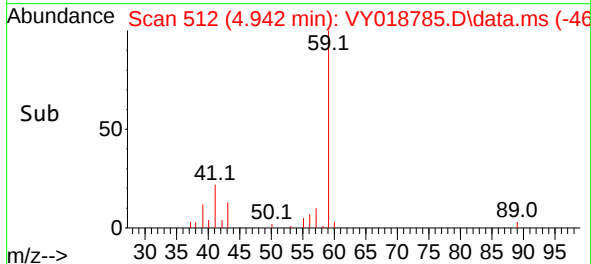
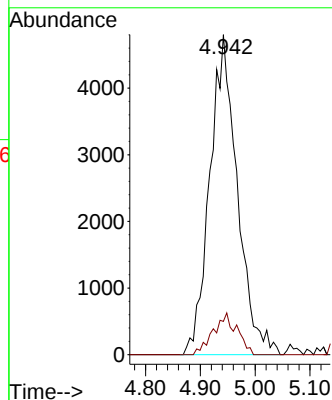
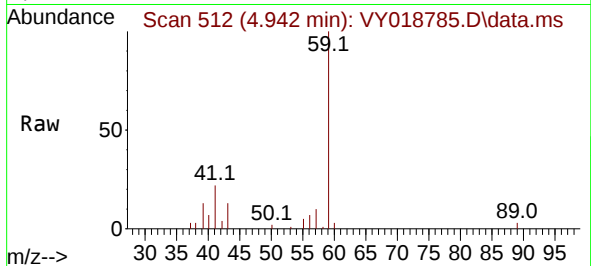




#11
Tert butyl alcohol
Concen: 147.321 ug/l
RT: 4.942 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

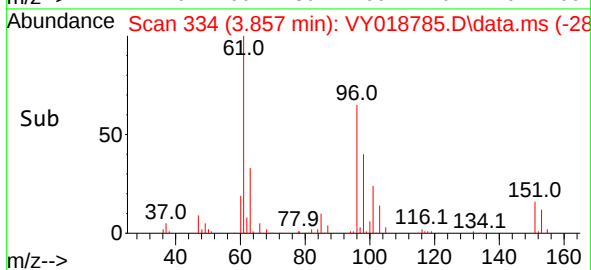
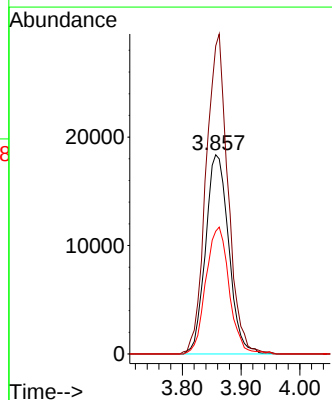
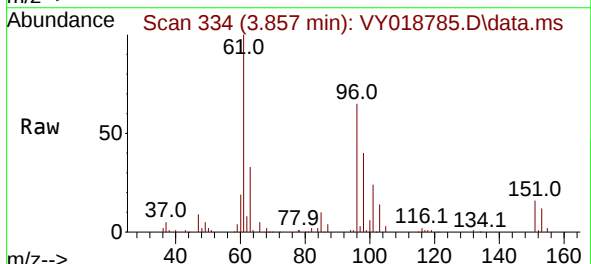
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 16787
Ion Ratio Lower Upper
59 100
57 11.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 45.529 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 96 Resp: 50282
Ion Ratio Lower Upper
96 100
61 154.6 114.6 171.8
98 61.6 50.8 76.2





#13

Acrolein

Concen: 247.837 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.000 min

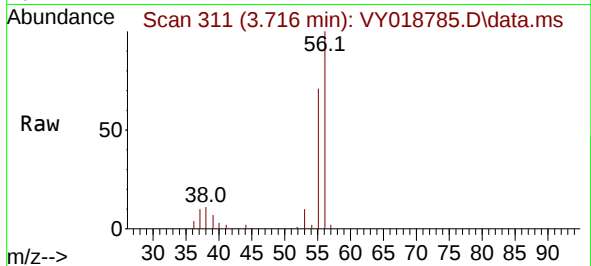
Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

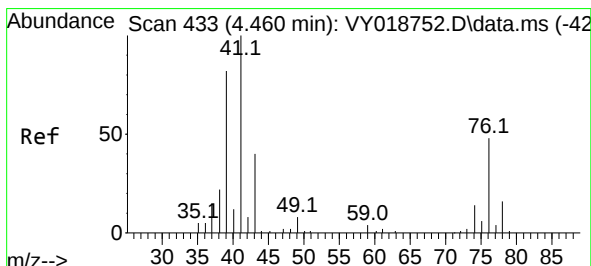
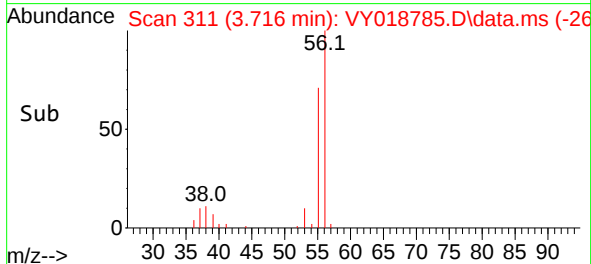
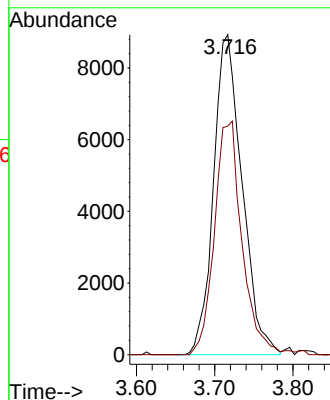


Tgt Ion: 56 Resp: 22626

Ion Ratio Lower Upper

56 100

55 70.9 55.7 83.5



#14

Allyl chloride

Concen: 45.861 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

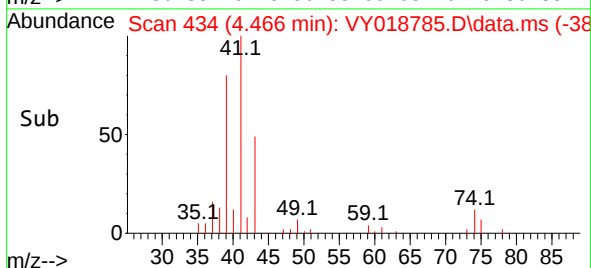
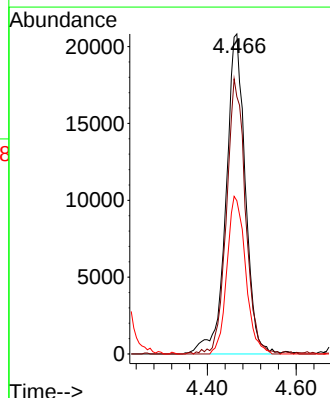
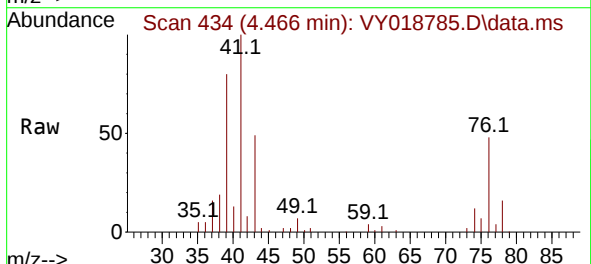
Tgt Ion: 41 Resp: 62747

Ion Ratio Lower Upper

41 100

39 84.2 58.3 87.5

76 47.5 39.0 58.6

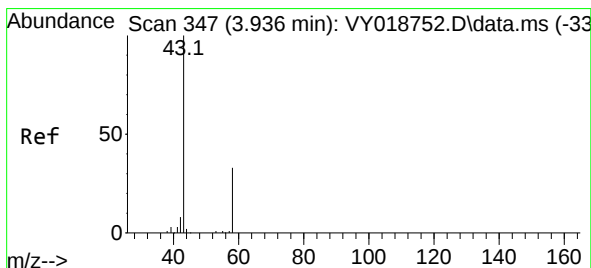
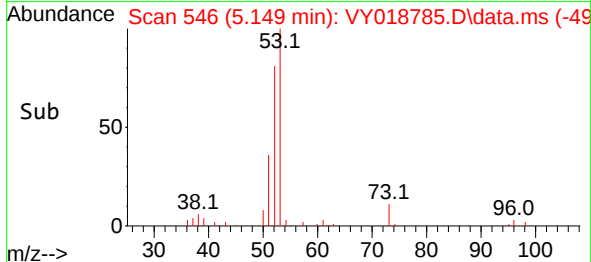
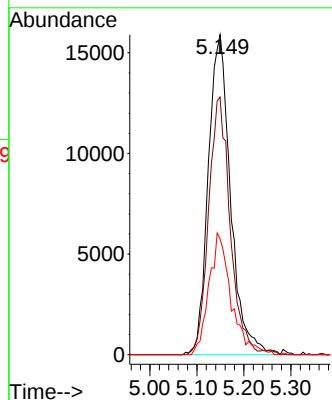
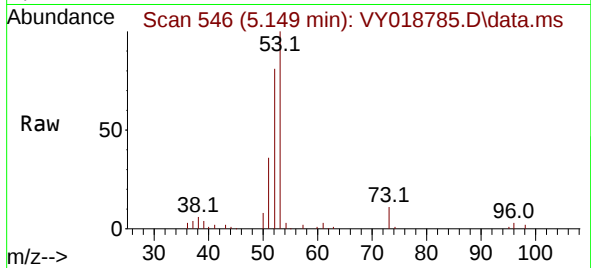




#15
Acrylonitrile
Concen: 244.666 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

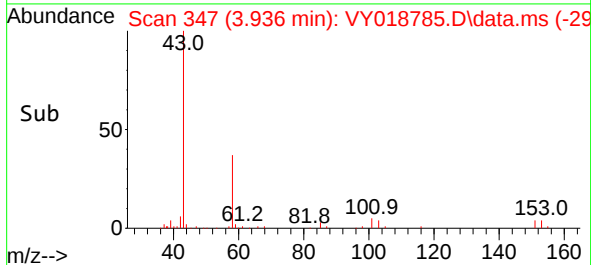
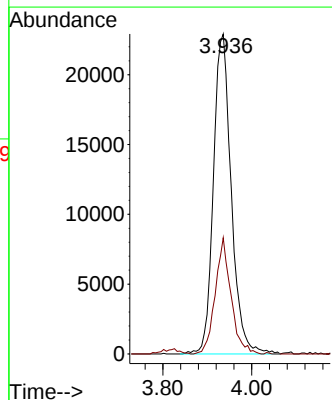
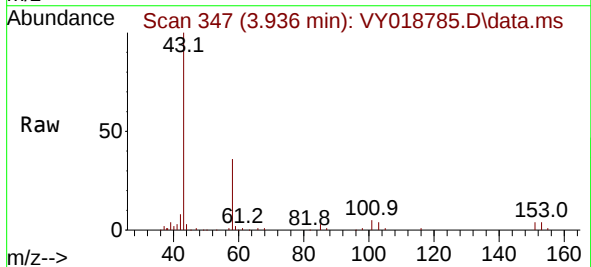
Instrument :
MSVOA_Y
ClientSampleId :

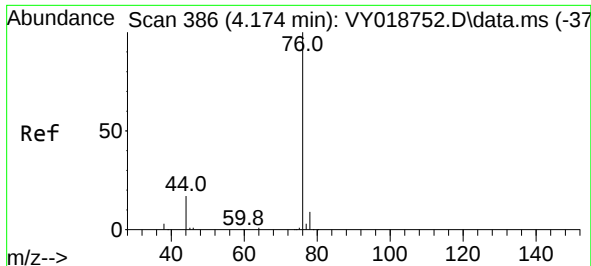
Tgt Ion: 53 Resp: 52344
Ion Ratio Lower Upper
53 100
52 77.4 64.7 97.1
51 38.1 28.4 42.6



#16
Acetone
Concen: 307.768 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 43 Resp: 63825
Ion Ratio Lower Upper
43 100
58 36.3 31.7 47.5





#17

Carbon Disulfide

Concen: 46.147 ug/l

RT: 4.180 min Scan# 387

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

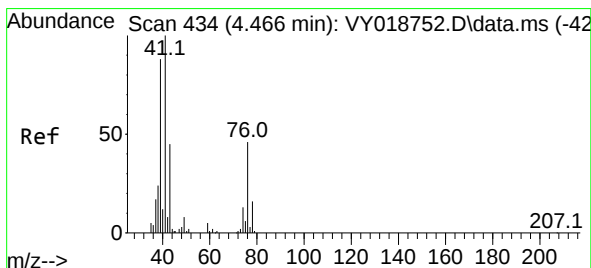
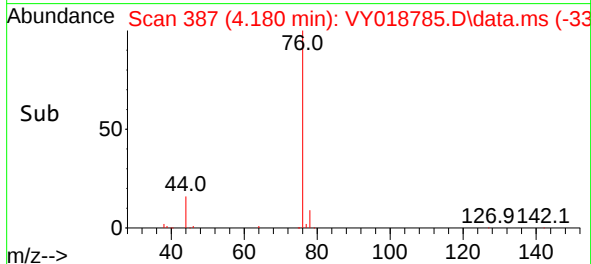
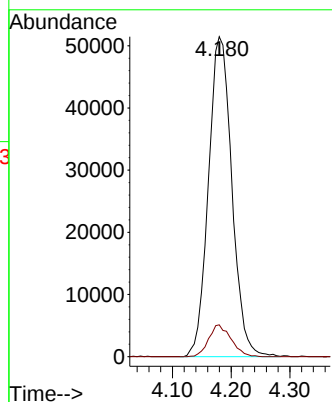
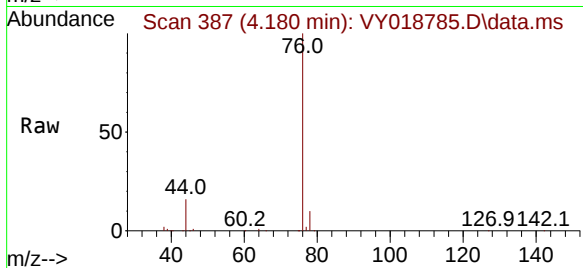
ClientSampleId :

Tgt Ion: 76 Resp: 142706

Ion Ratio Lower Upper

76 100

78 10.0 6.8 10.2



#18

Methyl Acetate

Concen: 45.857 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.000 min

Lab File: VY018785.D

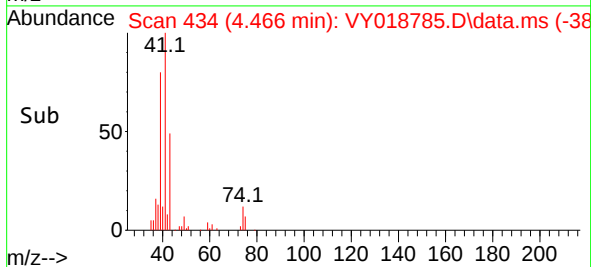
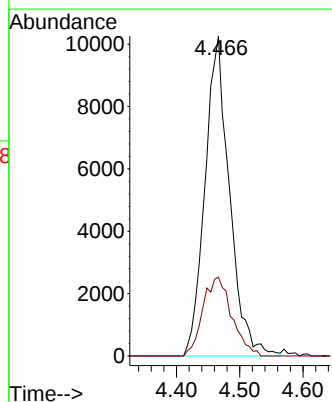
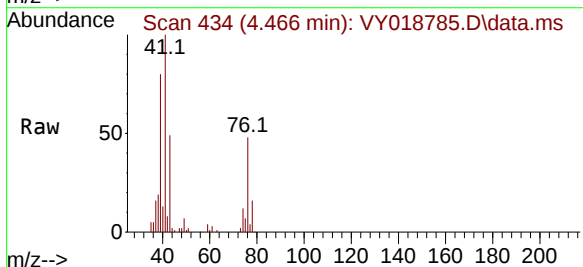
Acq: 12 Jul 2024 09:38

Tgt Ion: 43 Resp: 27632

Ion Ratio Lower Upper

43 100

74 29.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 47.751 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

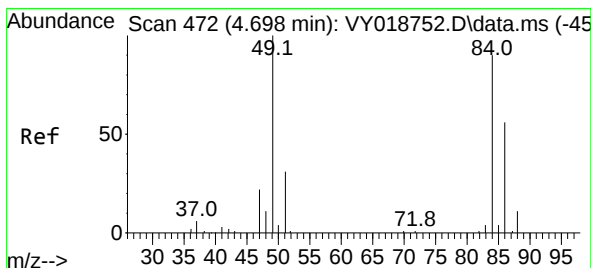
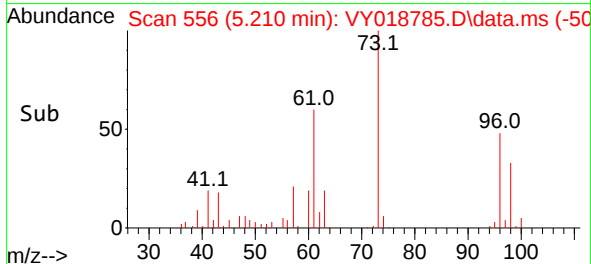
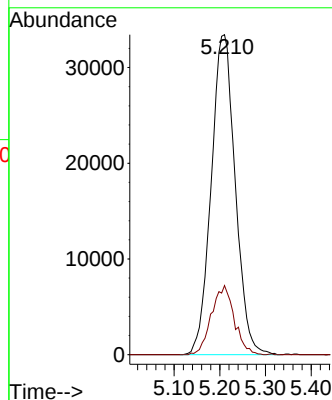
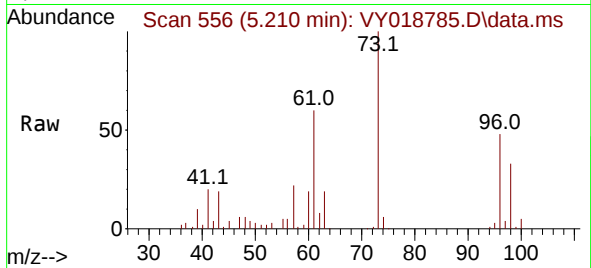
ClientSampleId :

Tgt Ion: 73 Resp: 122337

Ion Ratio Lower Upper

73 100

57 21.6 17.3 25.9



#20

Methylene Chloride

Concen: 50.720 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Tgt Ion: 84 Resp: 59484

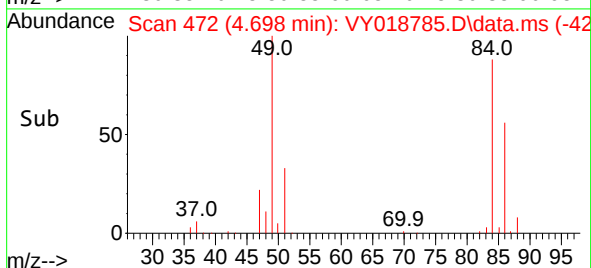
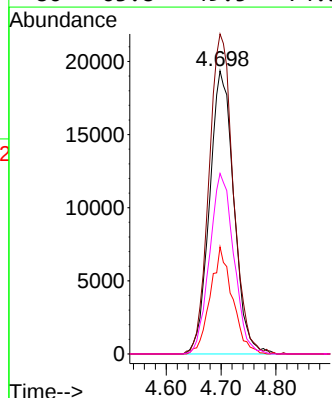
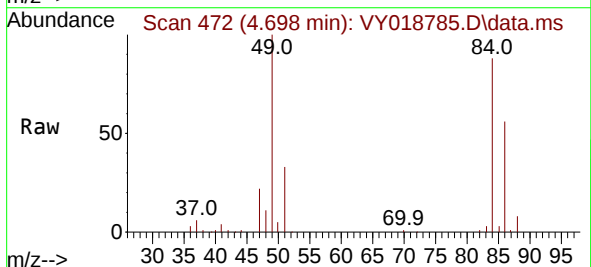
Ion Ratio Lower Upper

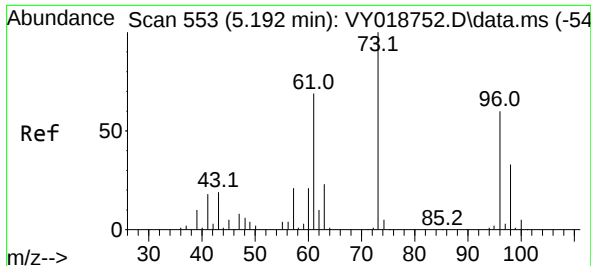
84 100

49 113.1 84.4 126.6

51 37.8 26.0 39.0

86 63.8 49.5 74.3

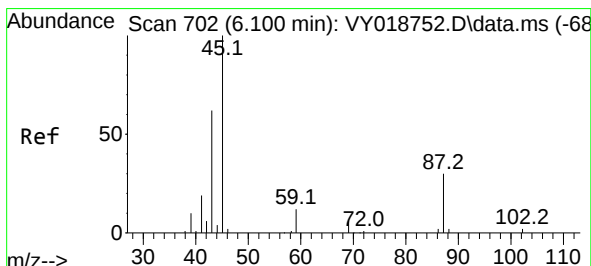
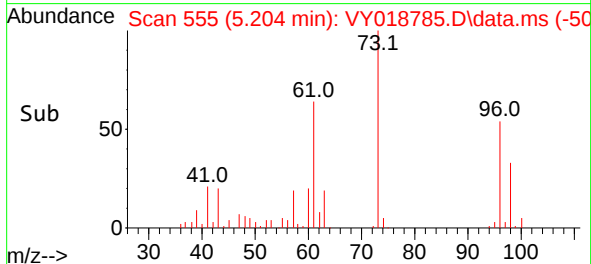
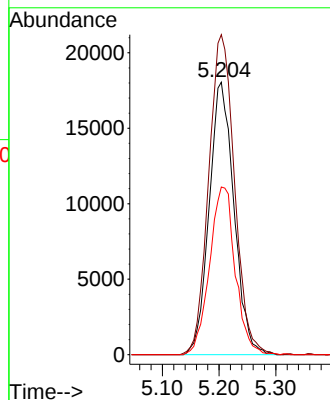
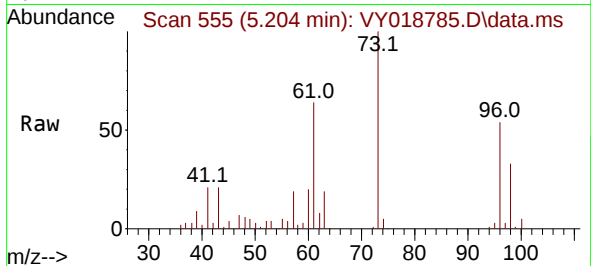




#21
trans-1,2-Dichloroethene
Concen: 47.063 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

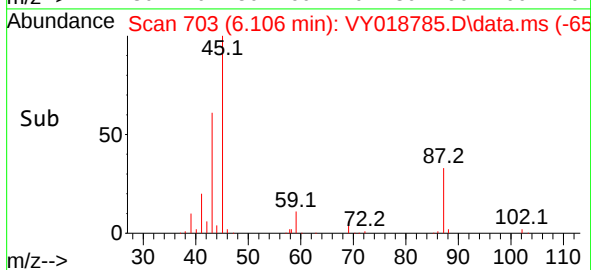
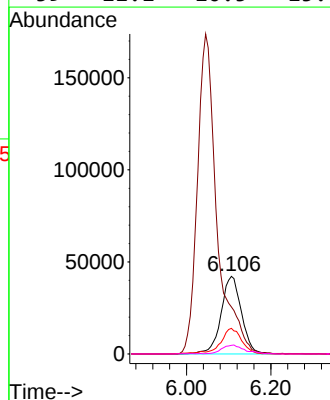
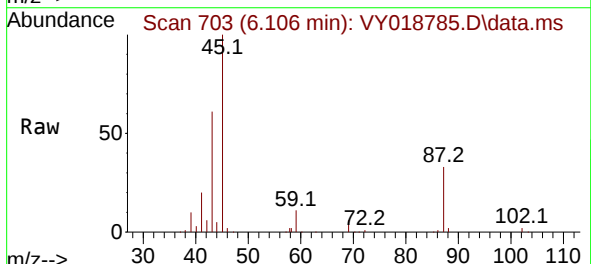
Instrument :
MSVOA_Y
ClientSampleId :

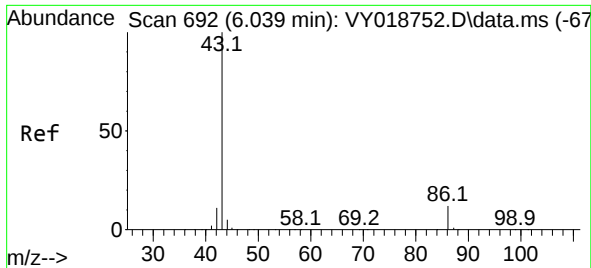
Tgt Ion: 96 Resp: 54858
Ion Ratio Lower Upper
96 100
61 117.4 97.5 146.3
98 61.6 50.5 75.7



#22
Diisopropyl ether
Concen: 47.304 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 45 Resp: 140785
Ion Ratio Lower Upper
45 100
43 59.9 42.2 63.2
87 33.0 25.0 37.6
59 11.1 10.5 15.7

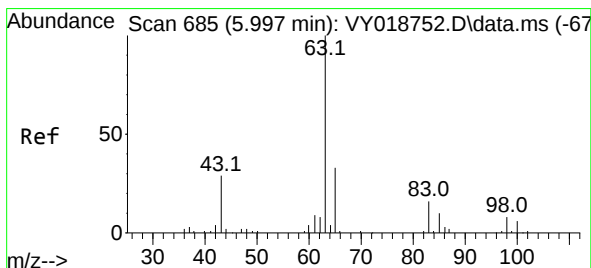
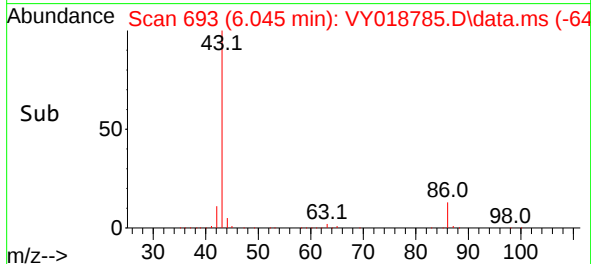
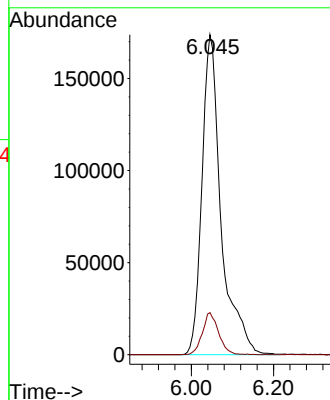
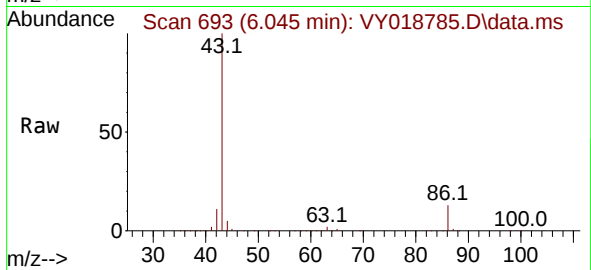




#23
 Vinyl Acetate
 Concen: 239.627 ug/l
 RT: 6.045 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY018785.D
 Acq: 12 Jul 2024 09:38

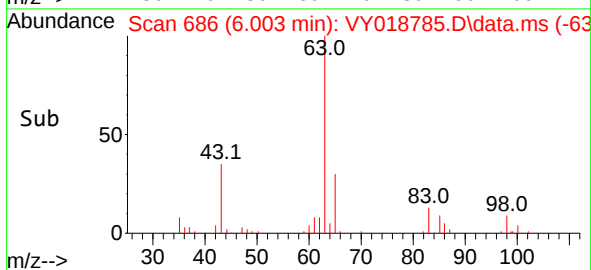
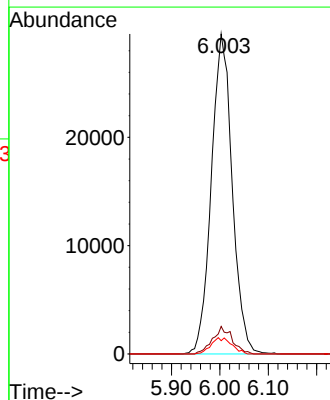
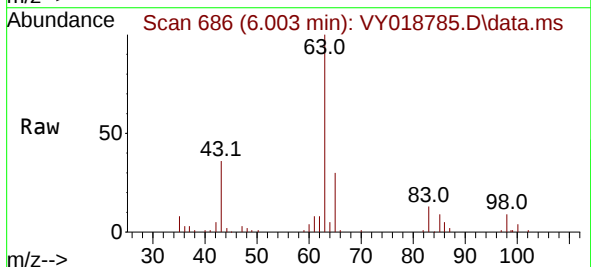
Instrument :
 MSVOA_Y
 ClientSampleId :

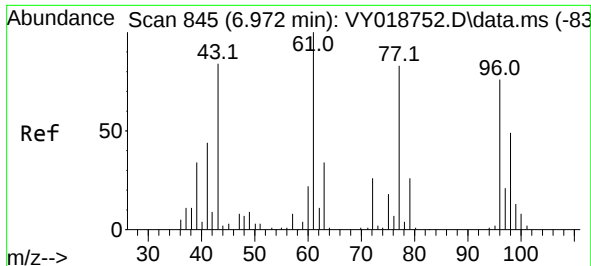
Tgt Ion: 43 Resp: 561858
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 46.575 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: VY018785.D
 Acq: 12 Jul 2024 09:38

Tgt Ion: 63 Resp: 88502
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.2
 100 4.1 2.6 8.0

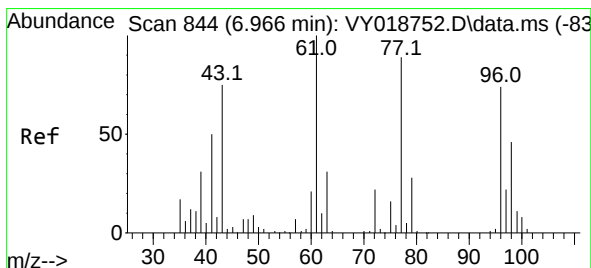
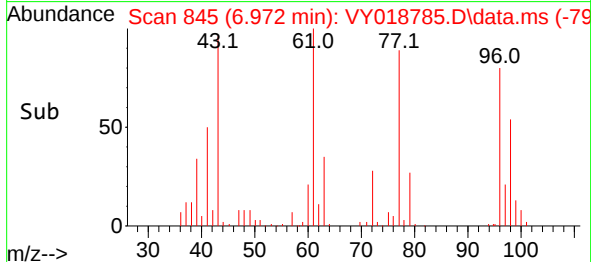
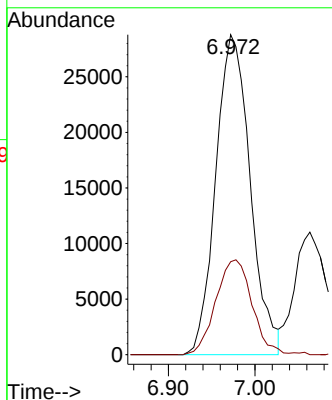
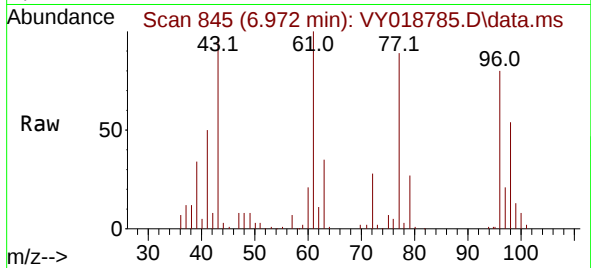




#25
2-Butanone
Concen: 273.553 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

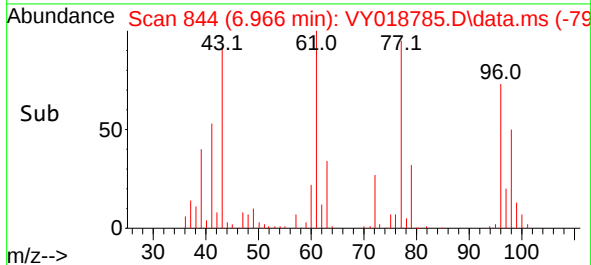
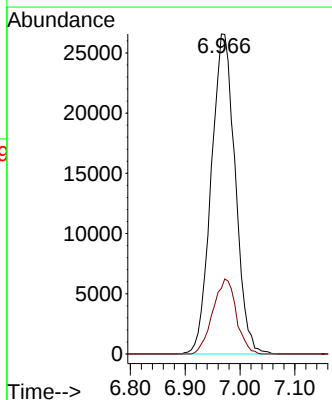
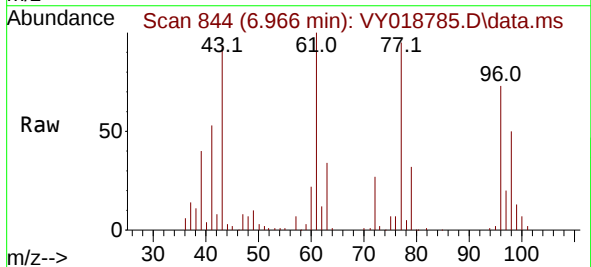
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 79519
Ion Ratio Lower Upper
43 100
72 29.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 45.756 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 77 Resp: 80673
Ion Ratio Lower Upper
77 100
97 22.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 46.069 ug/l

RT: 6.972 min Scan# 844

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

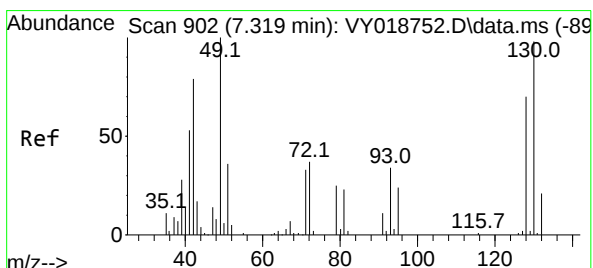
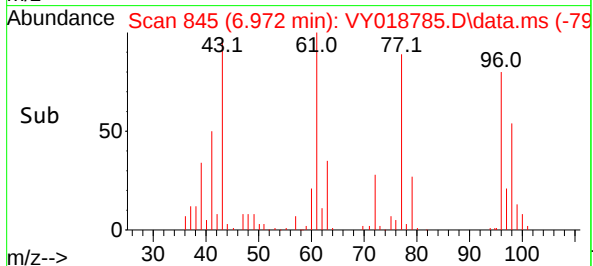
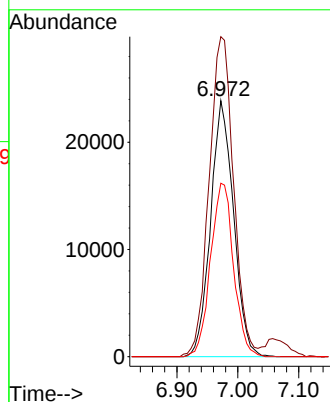
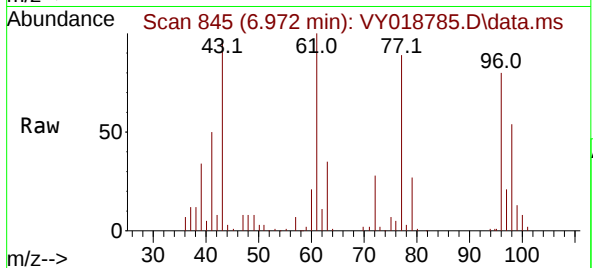
Tgt Ion: 96 Resp: 62519

Ion Ratio Lower Upper

96 100

61 133.1 0.0 256.2

98 68.0 0.0 130.0



#28

Bromochloromethane

Concen: 49.989 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

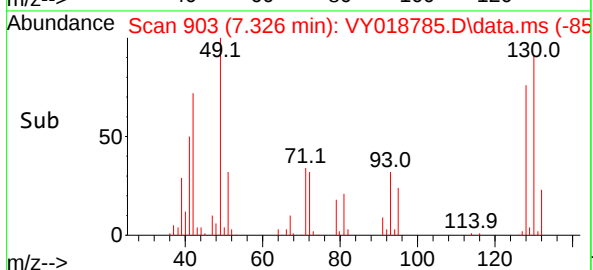
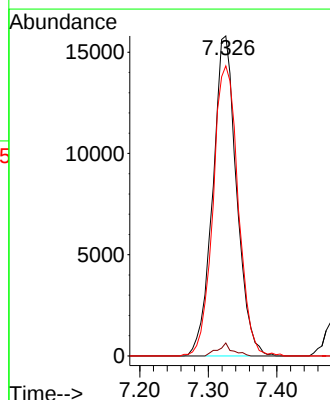
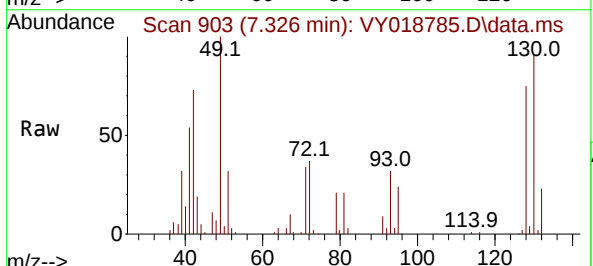
Tgt Ion: 49 Resp: 38152

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 95.6 72.7 109.1

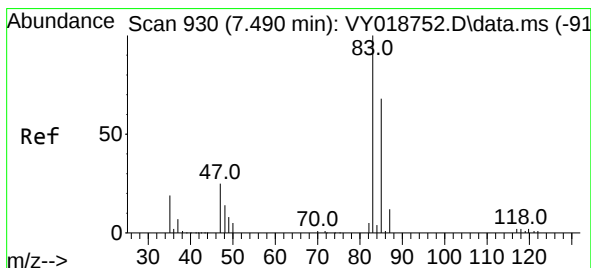
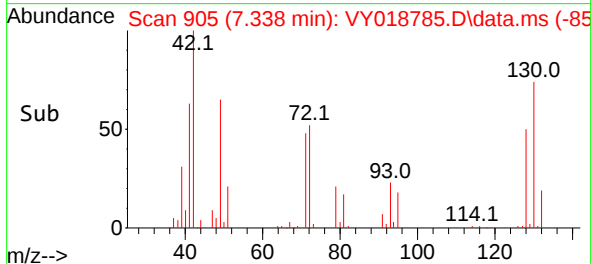
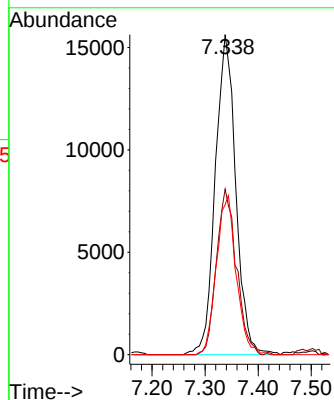
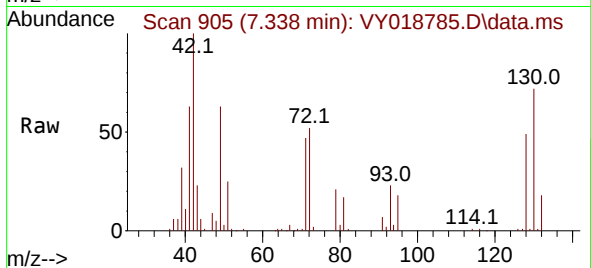




#29
Tetrahydrofuran
Concen: 235.211 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

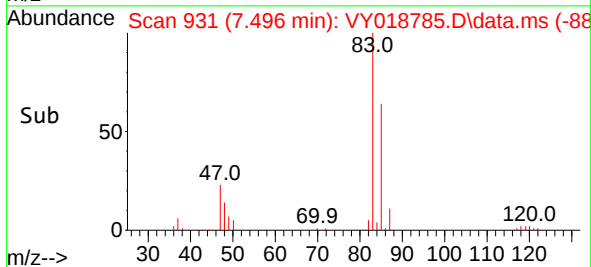
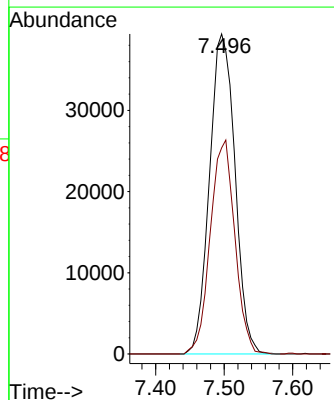
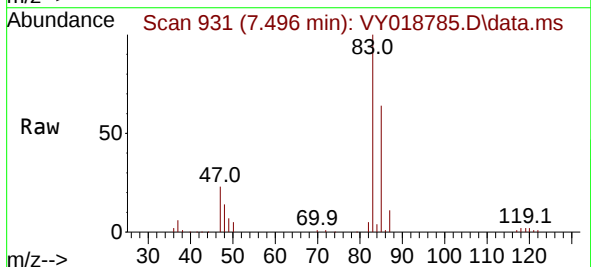
Instrument :
MSVOA_Y
ClientSampleId :

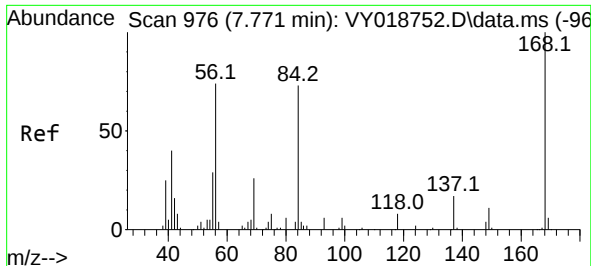
Tgt Ion:	42	Resp:	41917
Ion	Ratio	Lower	Upper
42	100		
72	50.3	43.0	64.4
71	48.0	40.8	61.2



#30
Chloroform
Concen: 48.022 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

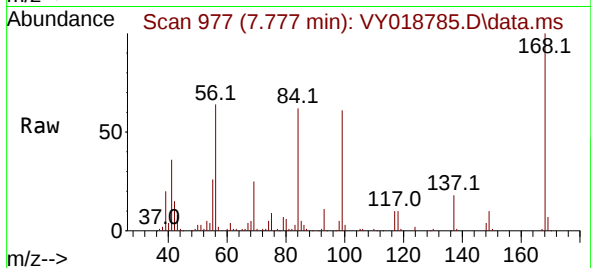
Tgt Ion:	83	Resp:	101701
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.4



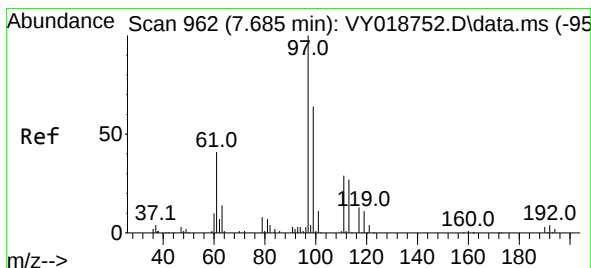
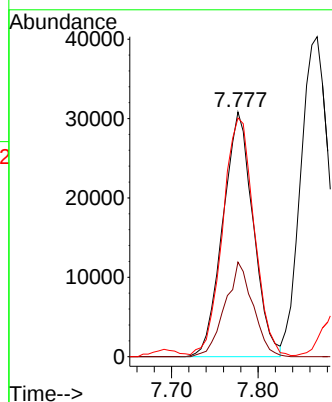
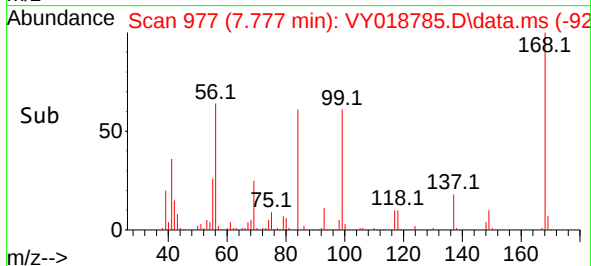


#31
Cyclohexane
Concen: 43.468 ug/l
RT: 7.777 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :

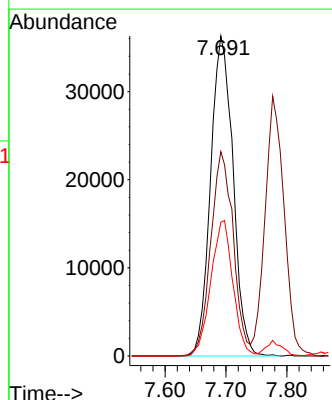
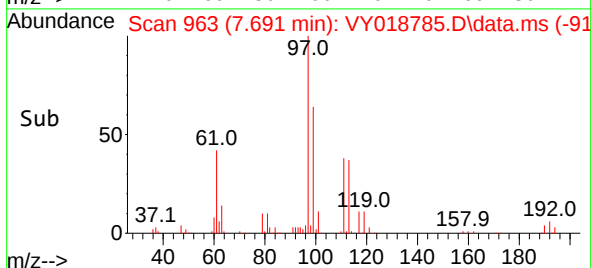
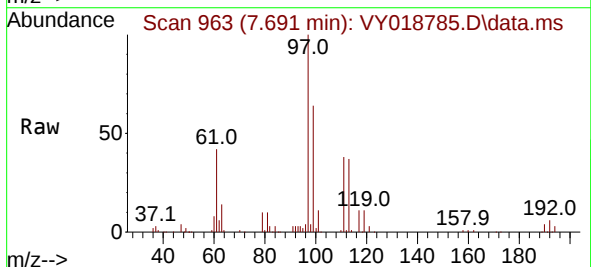


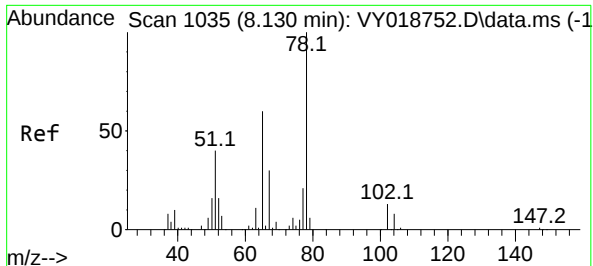
Tgt Ion: 56 Resp: 75118
Ion Ratio Lower Upper
56 100
69 38.7 28.7 43.1
84 96.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 47.223 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 97 Resp: 92997
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 41.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.361 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

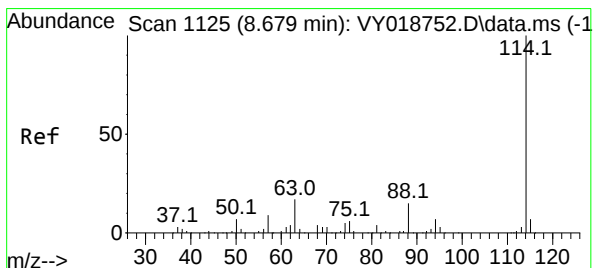
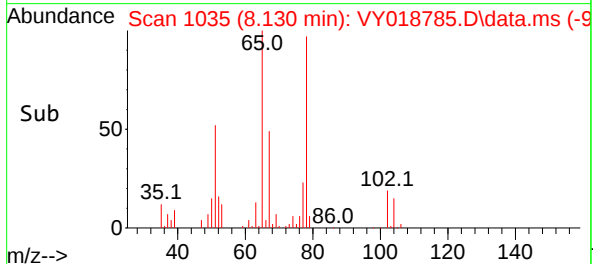
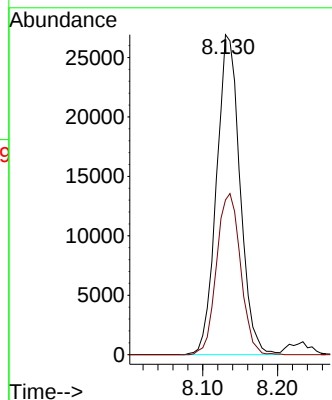
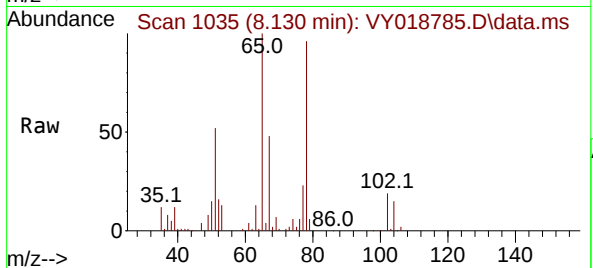
ClientSampleId :

Tgt Ion: 65 Resp: 58898

Ion Ratio Lower Upper

65 100

67 51.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

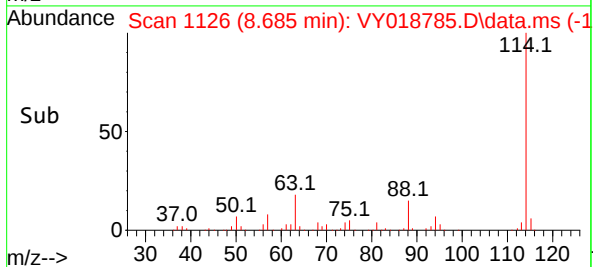
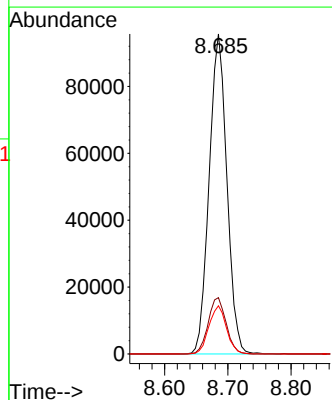
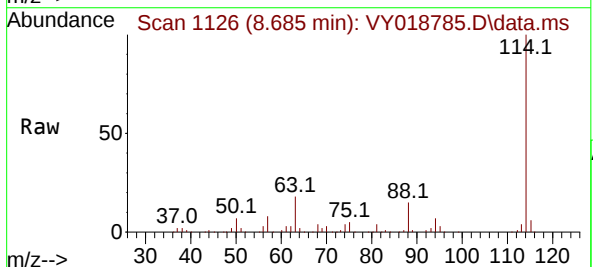
Tgt Ion: 114 Resp: 186180

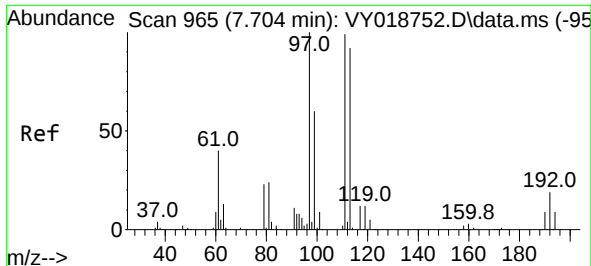
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

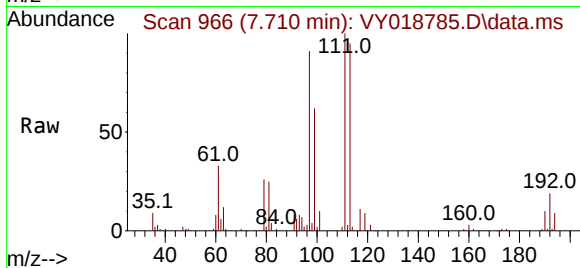
88 15.0 0.0 27.2



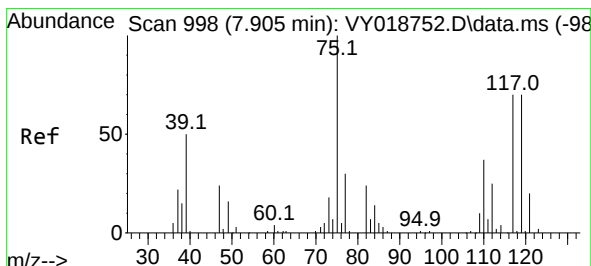
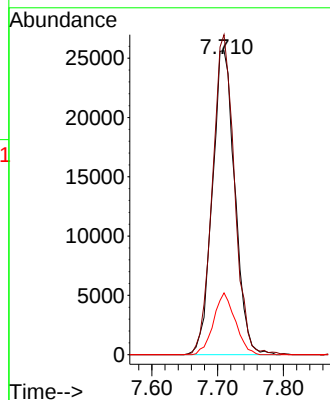
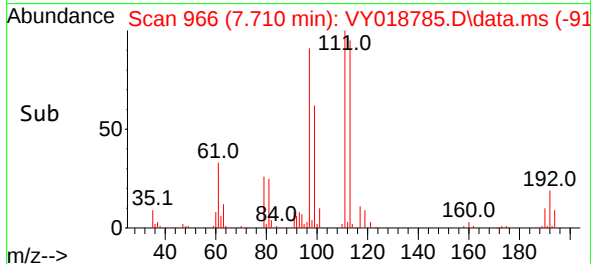


#35
Dibromofluoromethane
Concen: 52.295 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

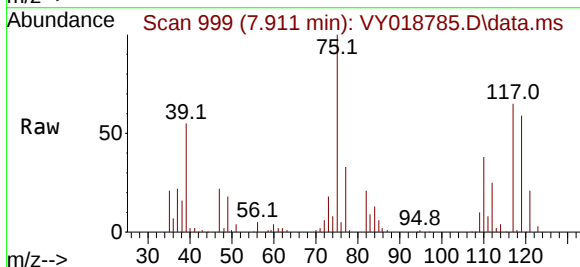
Instrument :
MSVOA_Y
ClientSampleId :



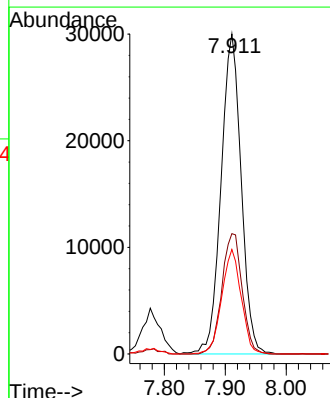
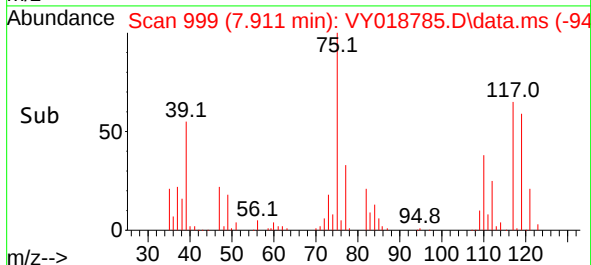
Tgt Ion:113 Resp: 60980
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 19.6 15.9 23.9

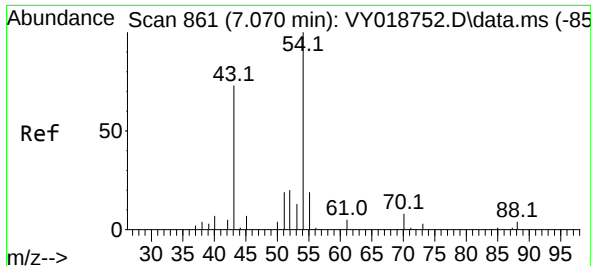


#36
1,1-Dichloropropene
Concen: 42.752 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38



Tgt Ion: 75 Resp: 68797
Ion Ratio Lower Upper
75 100
110 37.9 19.0 57.0
77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 45.050 ug/l

RT: 7.063 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

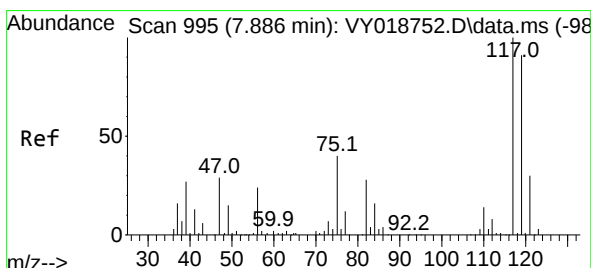
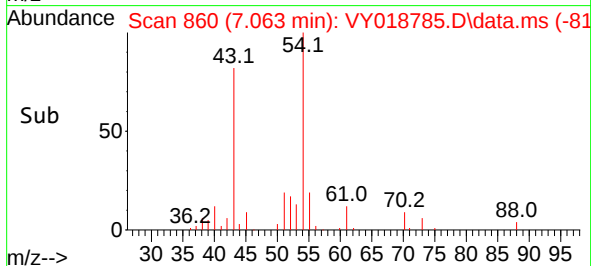
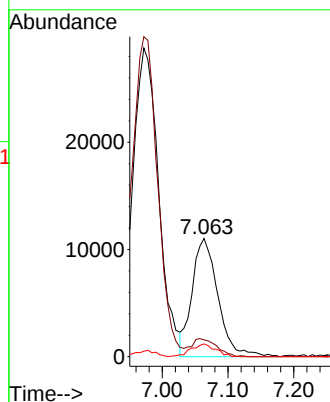
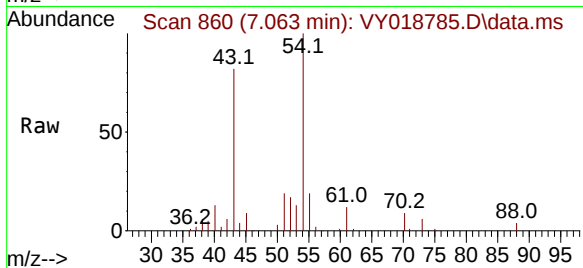
Tgt Ion: 43 Resp: 30134

Ion Ratio Lower Upper

43 100

61 15.0 12.6 19.0

70 10.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 44.569 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

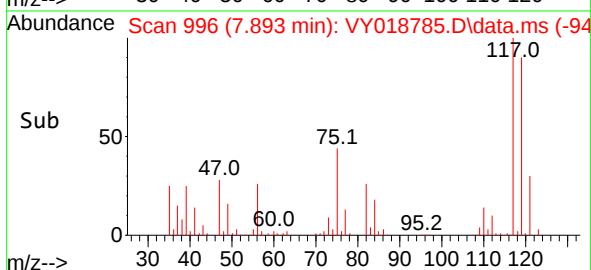
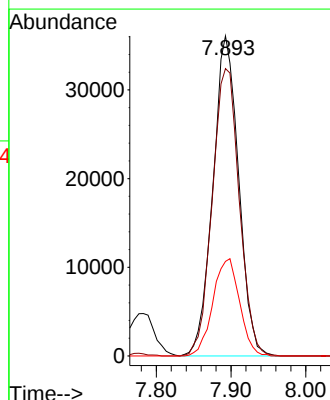
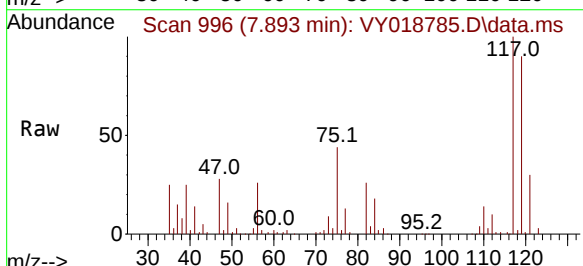
Tgt Ion: 117 Resp: 86383

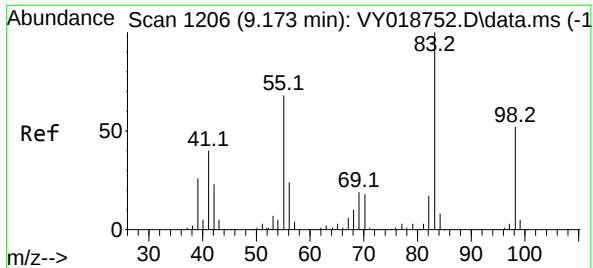
Ion Ratio Lower Upper

117 100

119 89.8 75.8 113.6

121 29.5 24.0 36.0





#39

Methylcyclohexane

Concen: 45.273 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

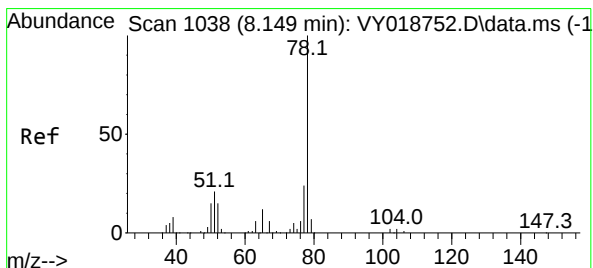
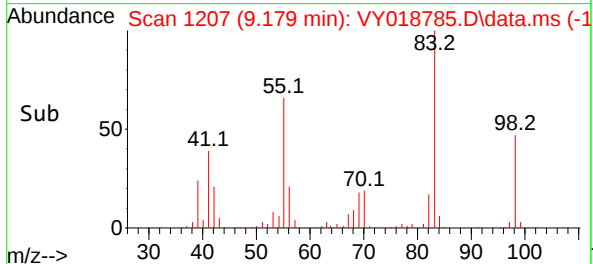
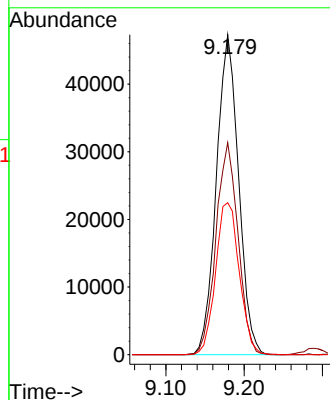
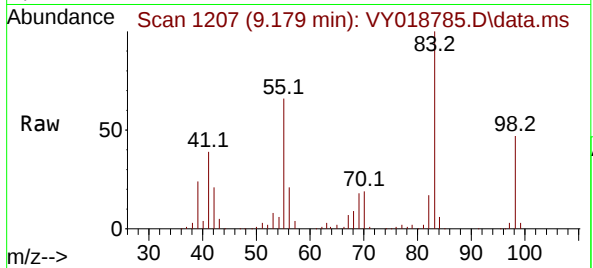
Tgt Ion: 83 Resp: 93364

Ion Ratio Lower Upper

83 100

55 66.2 51.5 77.3

98 47.5 40.5 60.7



#40

Benzene

Concen: 44.982 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY018785.D

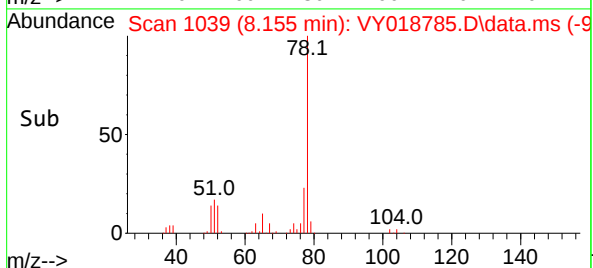
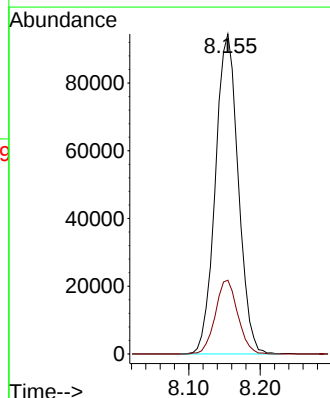
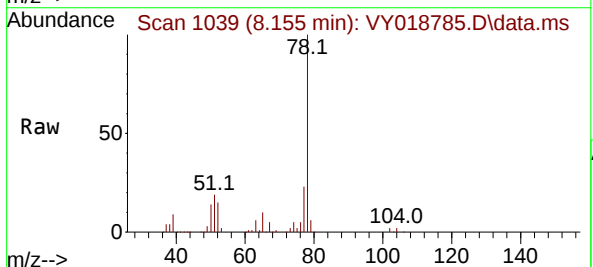
Acq: 12 Jul 2024 09:38

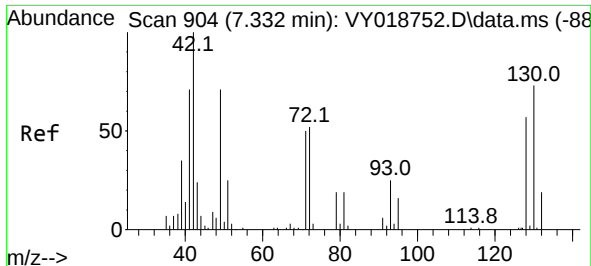
Tgt Ion: 78 Resp: 209989

Ion Ratio Lower Upper

78 100

77 23.0 19.5 29.3

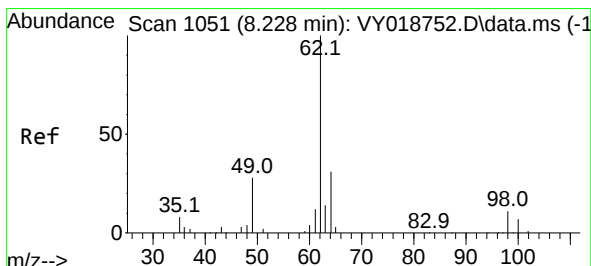
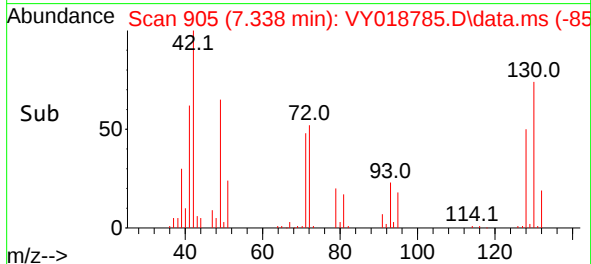
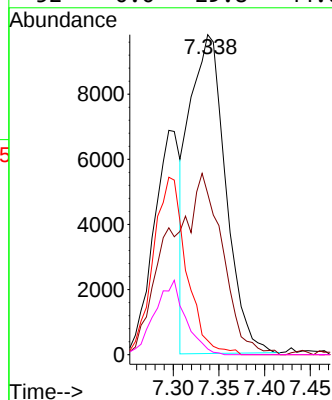
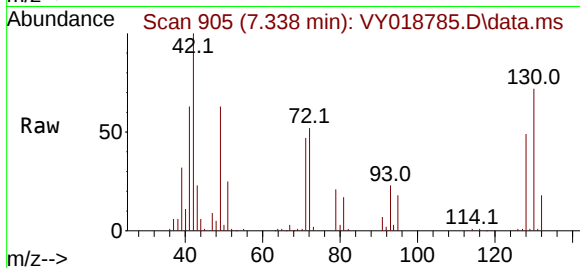




#41
Methacrylonitrile
Concen: 71.474 ug/l
RT: 7.338 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

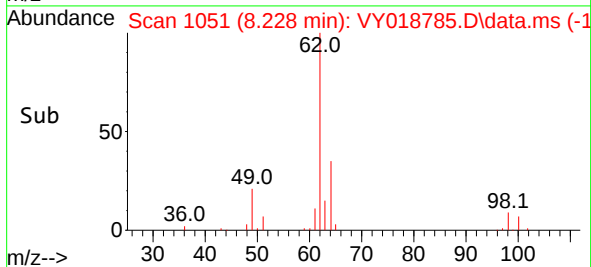
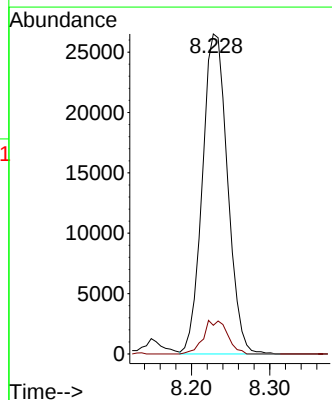
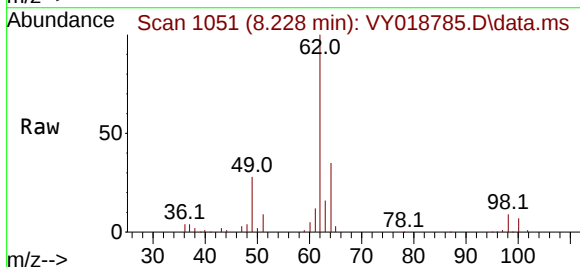
Instrument :
MSVOA_Y
ClientSampleId :

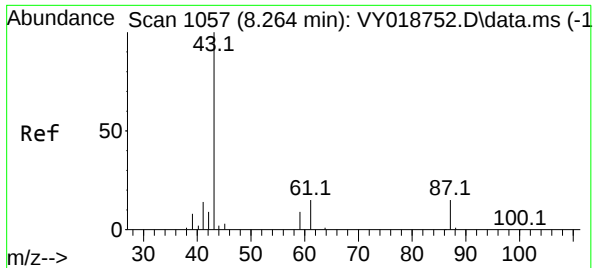
Tgt Ion: 41 Resp: 27257
Ion Ratio Lower Upper
41 100
39 83.5 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 45.267 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 62 Resp: 59165
Ion Ratio Lower Upper
62 100
98 10.0 0.0 22.0

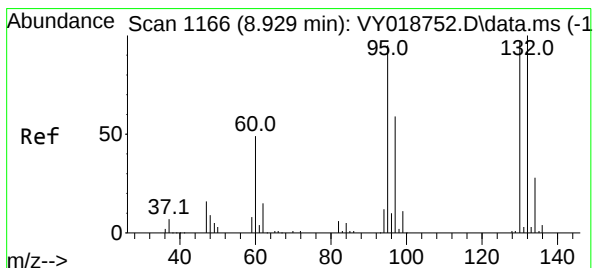
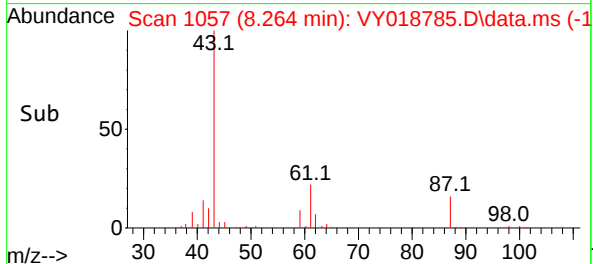
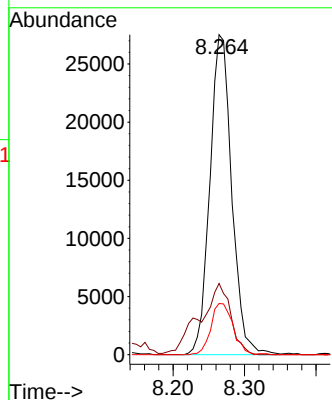
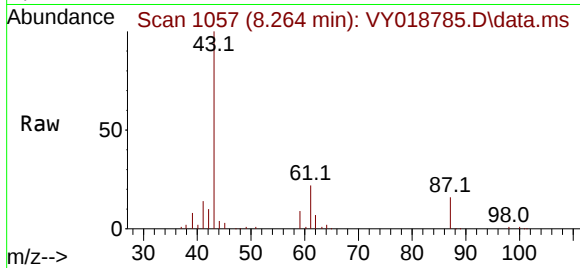




#43
Isopropyl Acetate
Concen: 43.944 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

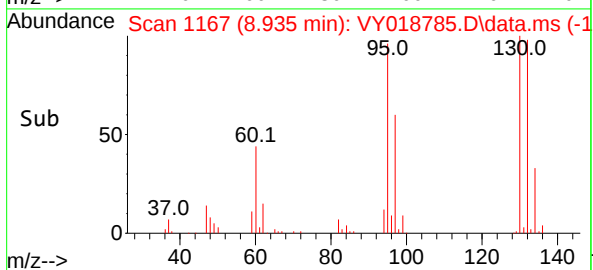
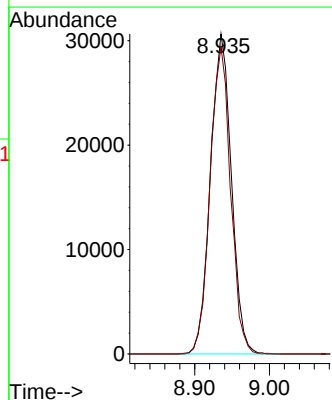
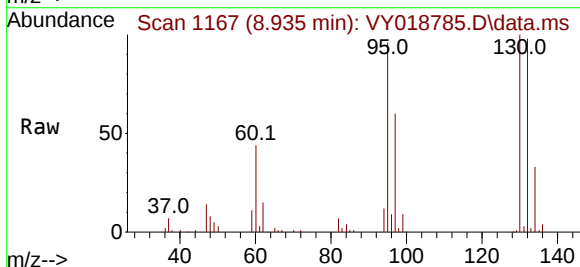
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.5	27.9	41.9
87	16.2	13.1	19.7



#44
Trichloroethene
Concen: 44.651 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	188.0





#45

1,2-Dichloropropane

Concen: 43.833 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

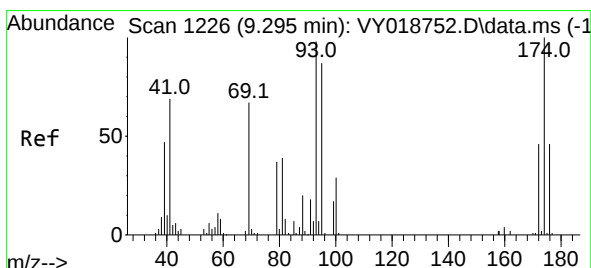
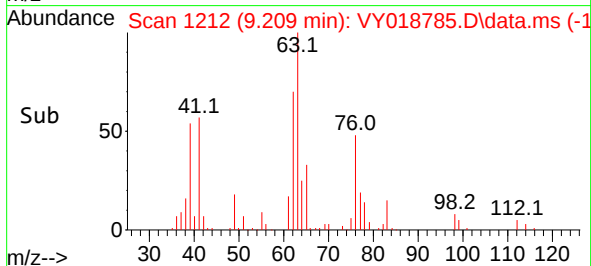
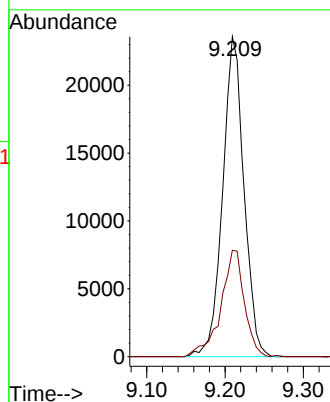
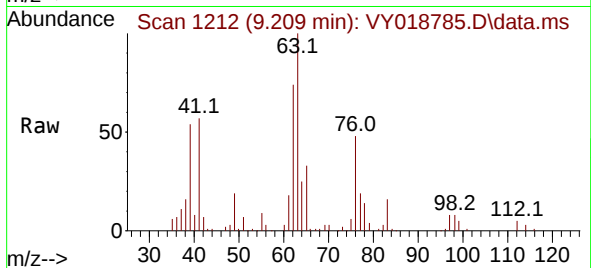
ClientSampleId :

Tgt Ion: 63 Resp: 44559

Ion Ratio Lower Upper

63 100

65 33.3 25.4 38.2



#46

Dibromomethane

Concen: 46.145 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

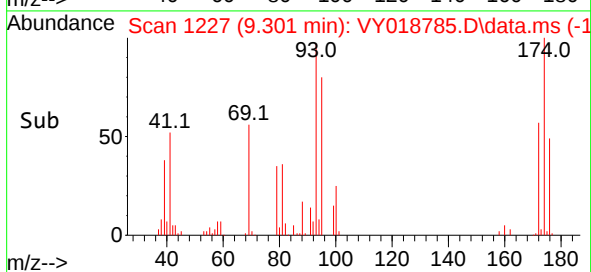
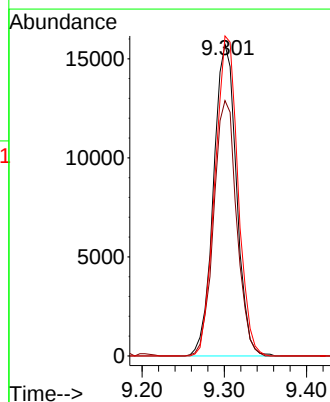
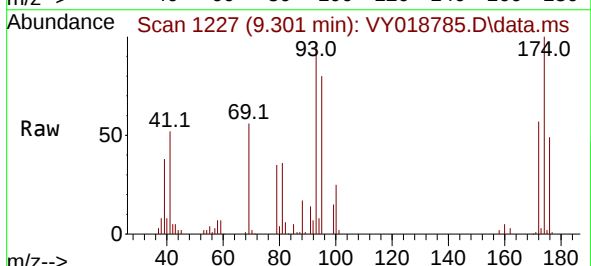
Tgt Ion: 93 Resp: 30406

Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

174 102.8 80.9 121.3

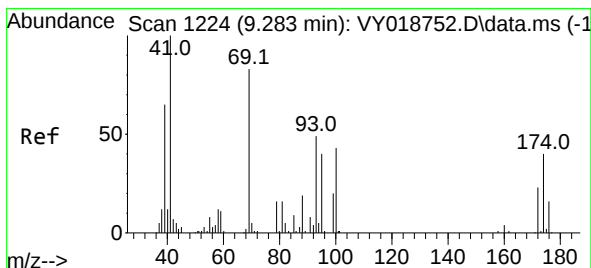
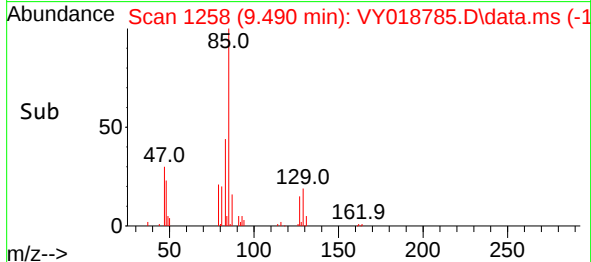
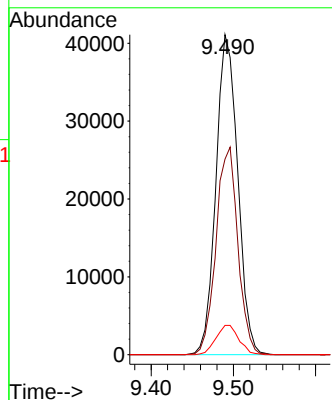
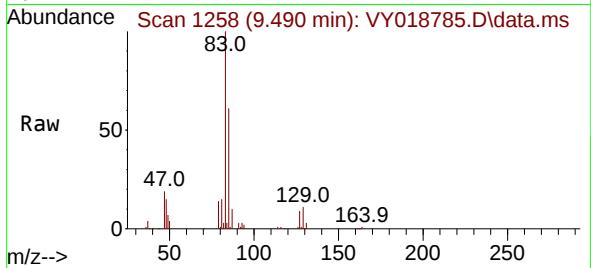




#47
Bromodichloromethane
Concen: 46.003 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

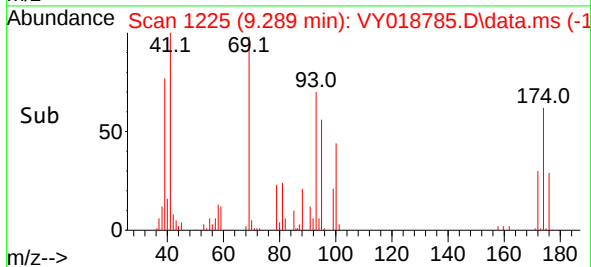
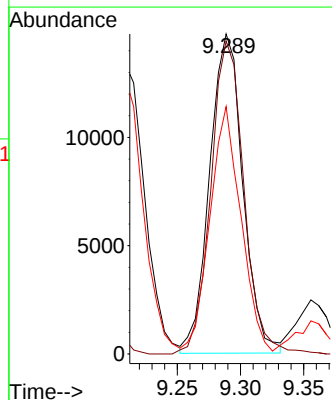
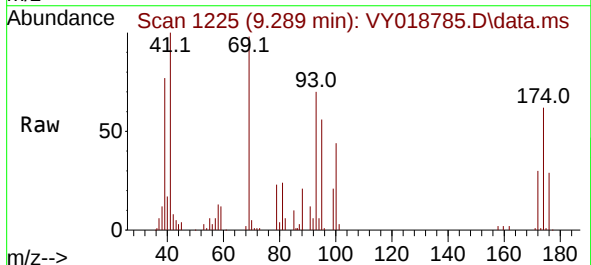
Instrument :
MSVOA_Y
ClientSampleId :

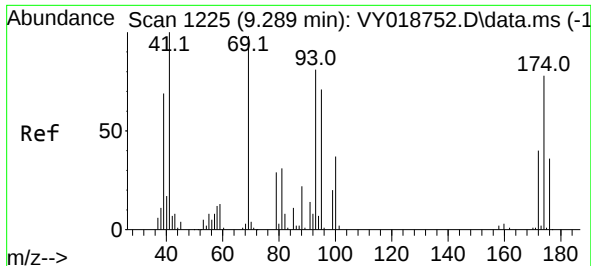
Tgt Ion: 83 Resp: 75726
Ion Ratio Lower Upper
83 100
85 61.1 50.1 75.1
127 9.2 7.4 11.0



#48
Methyl methacrylate
Concen: 44.597 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 41 Resp: 26980
Ion Ratio Lower Upper
41 100
69 97.3 84.1 126.1
39 70.7 43.6 65.4





#49

1,4-Dioxane

Concen: 893.056 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

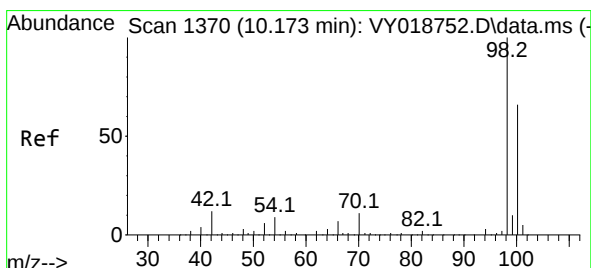
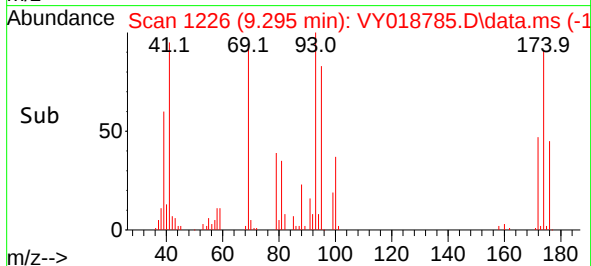
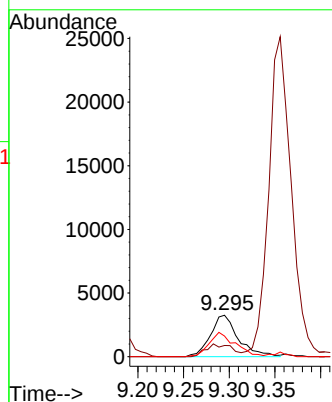
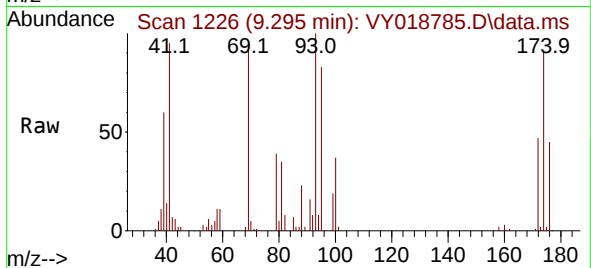
Tgt Ion: 88 Resp: 6898

Ion Ratio Lower Upper

88 100

43 28.8 0.0 0.0#

58 54.9 49.3 73.9



#50

Toluene-d8

Concen: 50.539 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018785.D

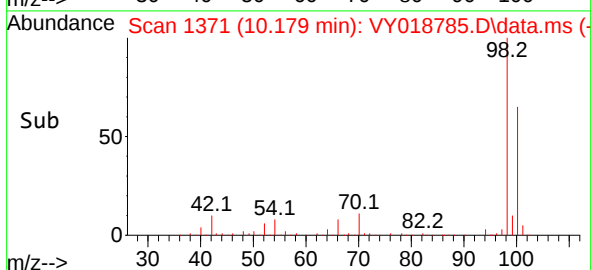
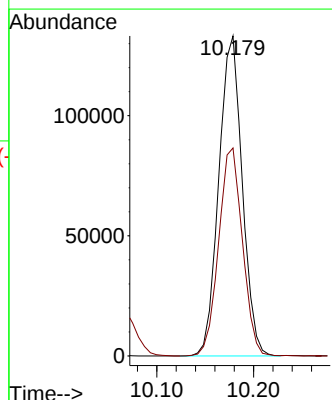
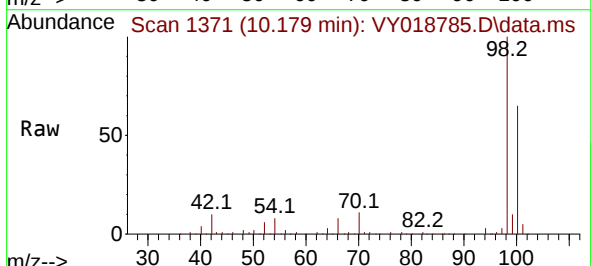
Acq: 12 Jul 2024 09:38

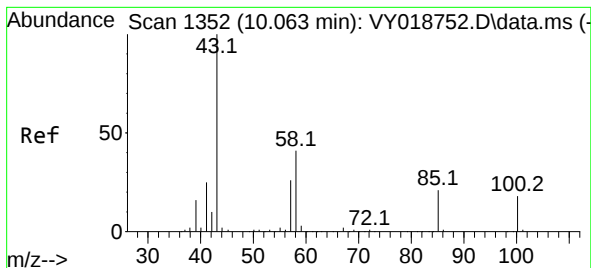
Tgt Ion: 98 Resp: 223273

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0

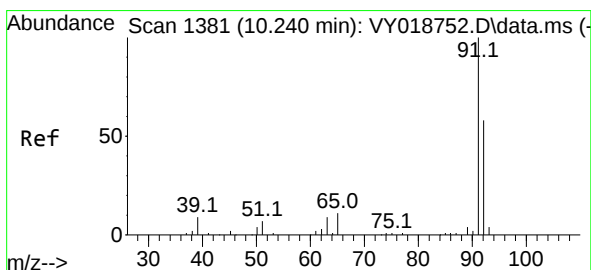
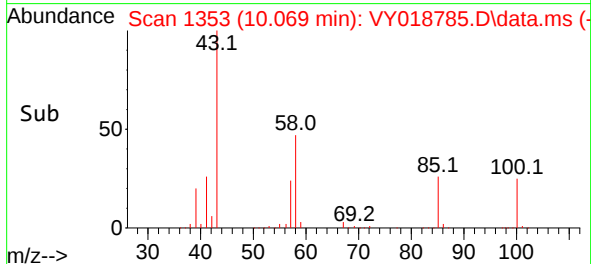
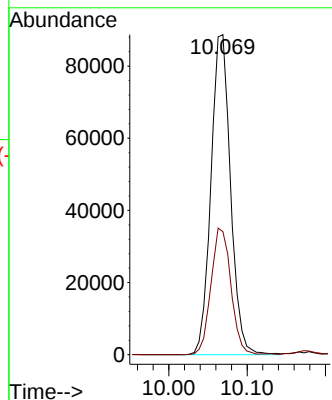
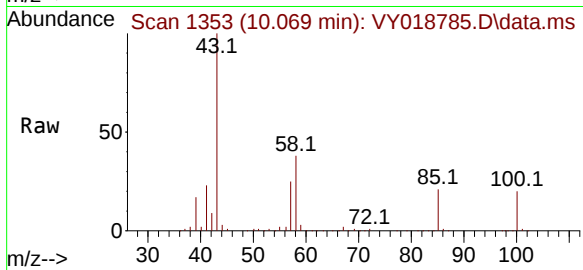




#51
4-Methyl-2-Pentanone
Concen: 226.904 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

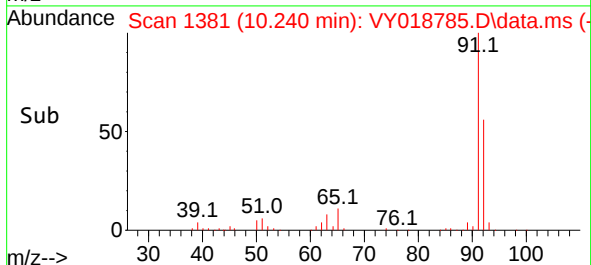
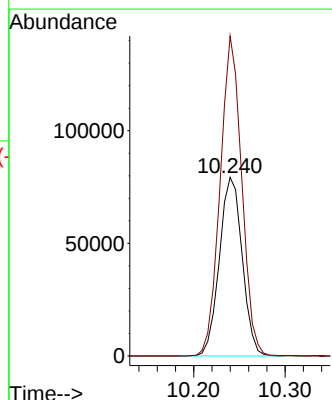
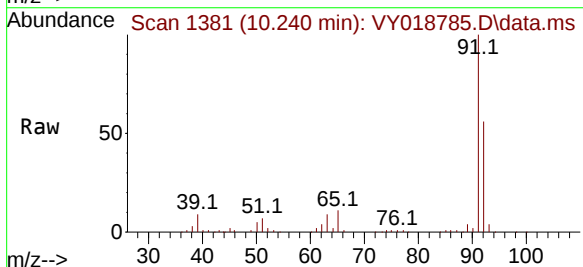
Instrument :
MSVOA_Y
ClientSampleId :

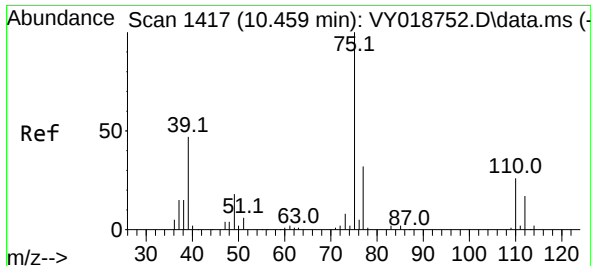
Tgt Ion: 43 Resp: 154191
Ion Ratio Lower Upper
43 100
58 40.3 35.7 53.5



#52
Toluene
Concen: 44.296 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 92 Resp: 137441
Ion Ratio Lower Upper
92 100
91 169.8 139.0 208.6

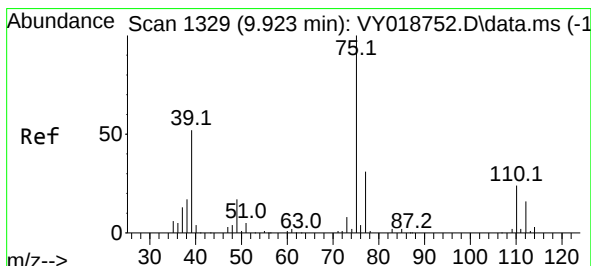
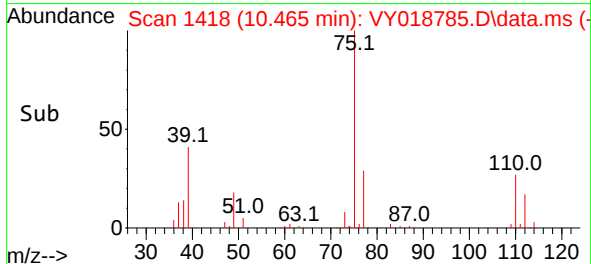
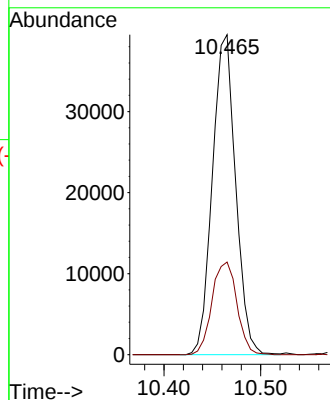
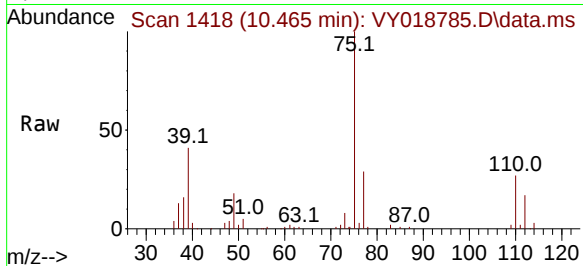




#53
 t-1,3-Dichloropropene
 Concen: 46.407 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY018785.D
 Acq: 12 Jul 2024 09:38

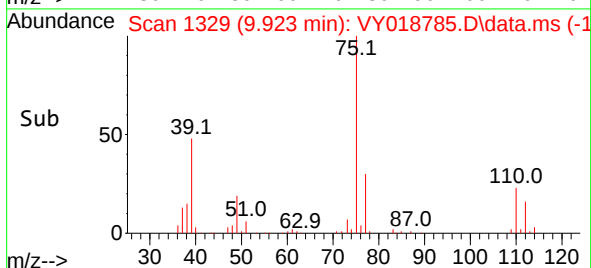
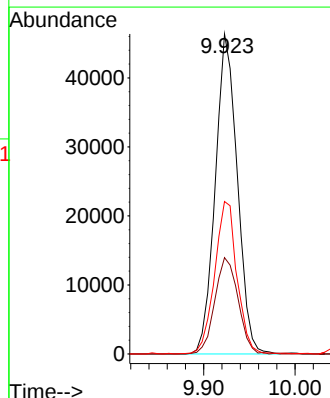
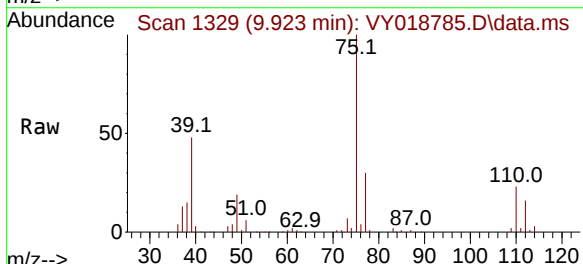
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 65956
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 46.587 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY018785.D
 Acq: 12 Jul 2024 09:38

Tgt Ion: 75 Resp: 77676
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0
 39 47.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 46.020 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

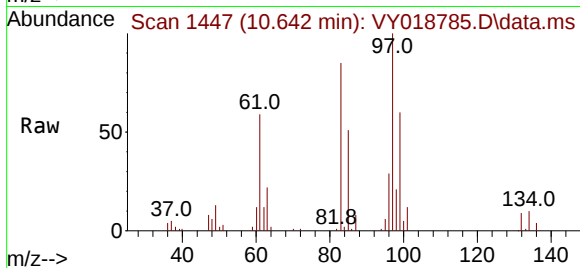
Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 38399

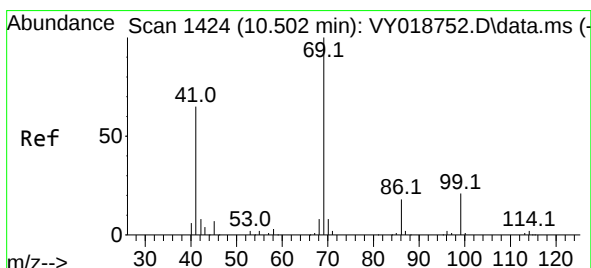
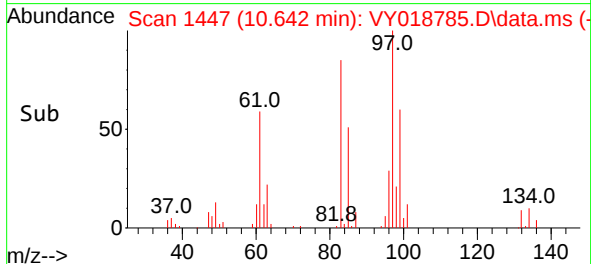
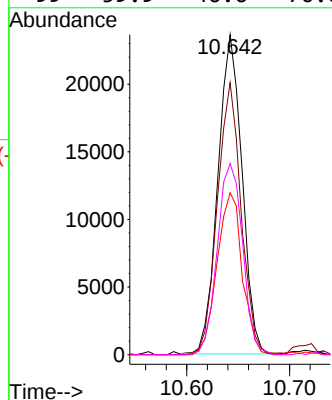
Ion Ratio Lower Upper

97 100

83 85.2 67.5 101.3

85 50.8 42.9 64.3

99 59.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 46.372 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

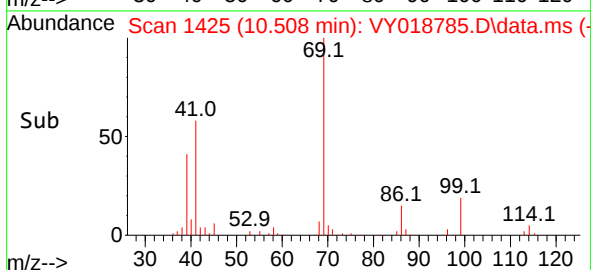
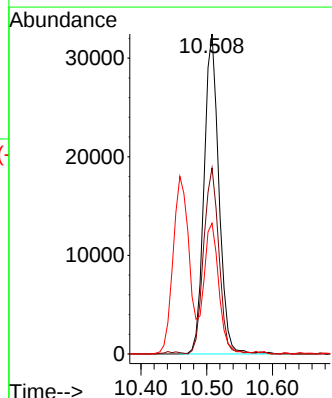
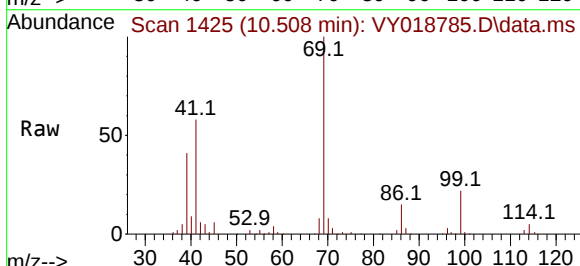
Tgt Ion: 69 Resp: 50942

Ion Ratio Lower Upper

69 100

41 60.1 42.3 63.5

39 40.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 46.664 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

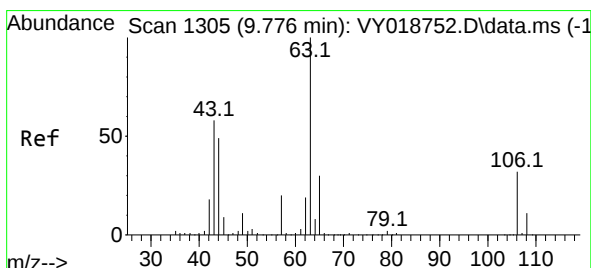
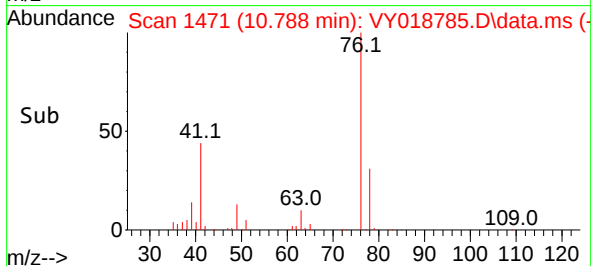
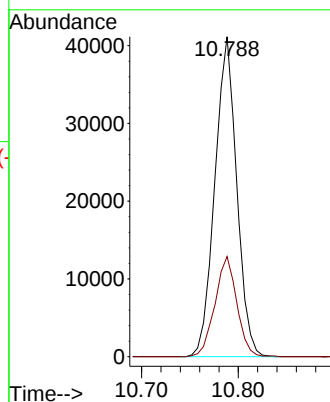
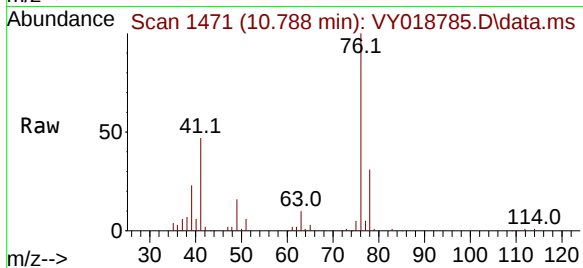
ClientSampleId :

Tgt Ion: 76 Resp: 64545

Ion Ratio Lower Upper

76 100

78 31.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 195.705 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY018785.D

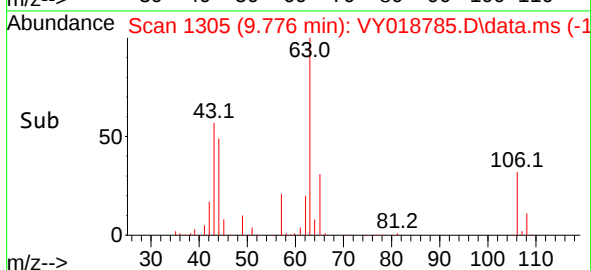
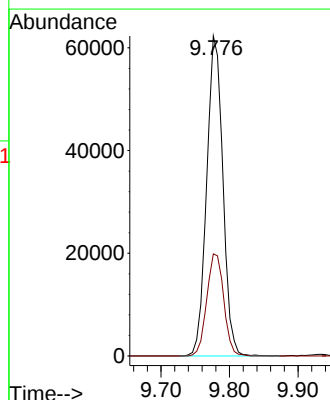
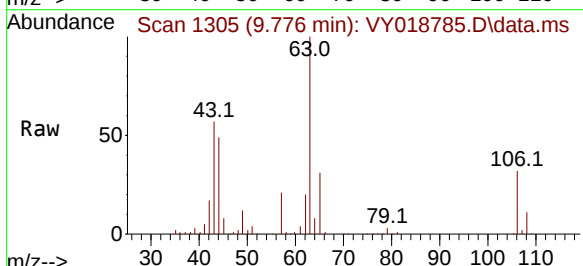
Acq: 12 Jul 2024 09:38

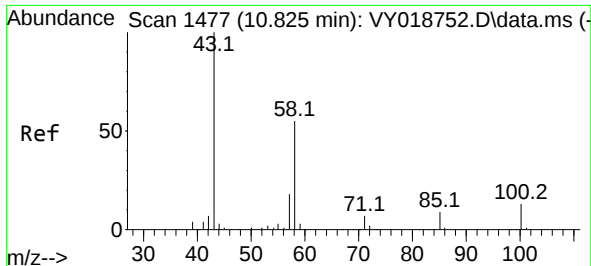
Tgt Ion: 63 Resp: 102712

Ion Ratio Lower Upper

63 100

106 33.4 23.7 35.5

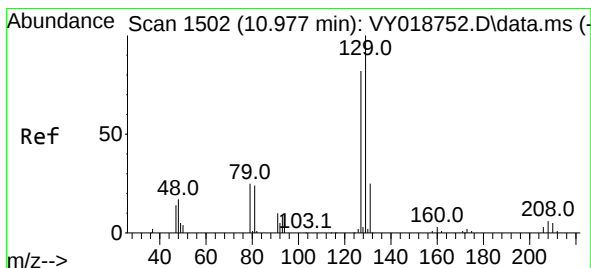
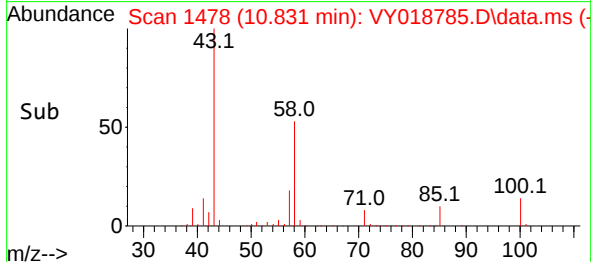
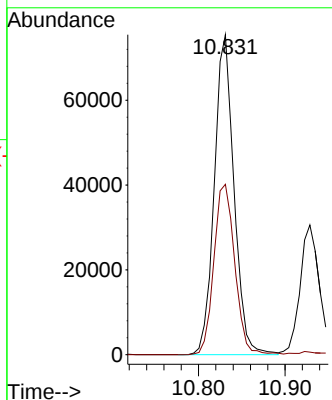
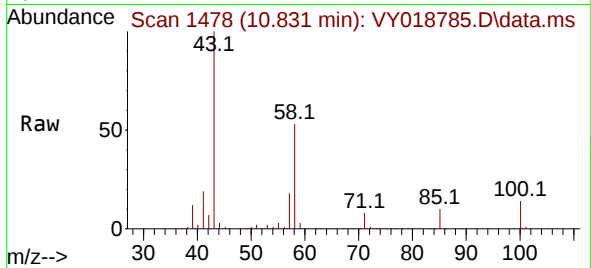




#59
2-Hexanone
Concen: 250.447 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

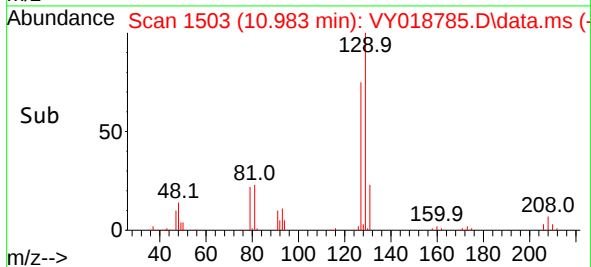
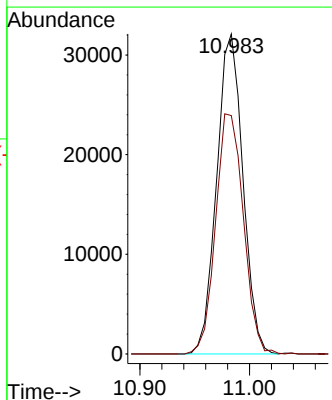
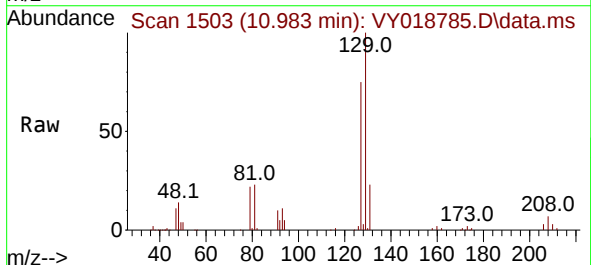
Instrument :
MSVOA_Y
ClientSampleId :

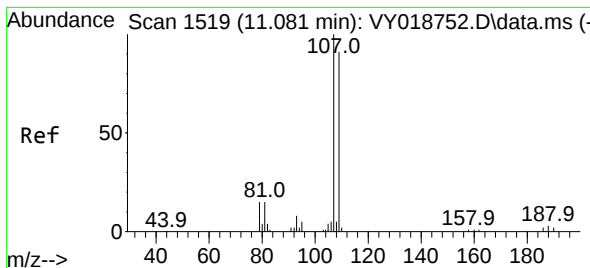
Tgt Ion: 43 Resp: 119064
Ion Ratio Lower Upper
43 100
58 56.5 31.4 94.0



#60
Dibromochloromethane
Concen: 46.646 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion:129 Resp: 53478
Ion Ratio Lower Upper
129 100
127 79.4 39.0 117.0

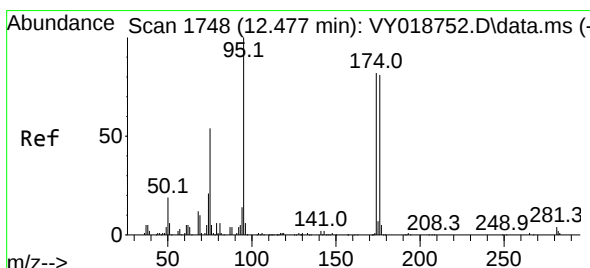
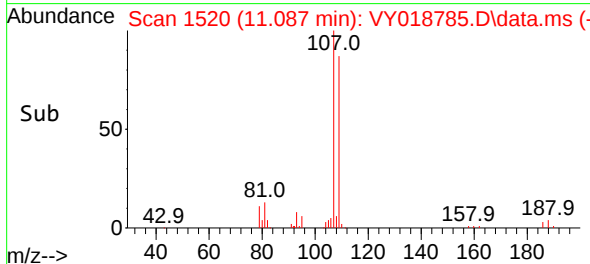
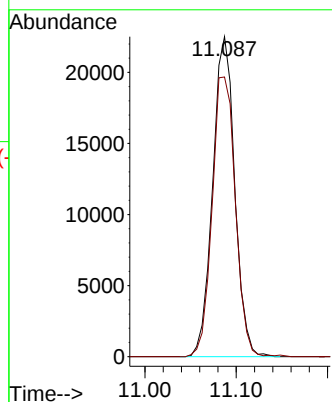
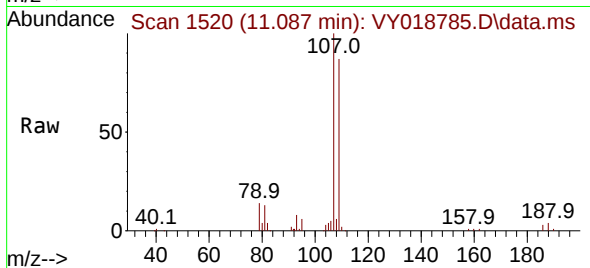




#61
1,2-Dibromoethane
Concen: 46.403 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

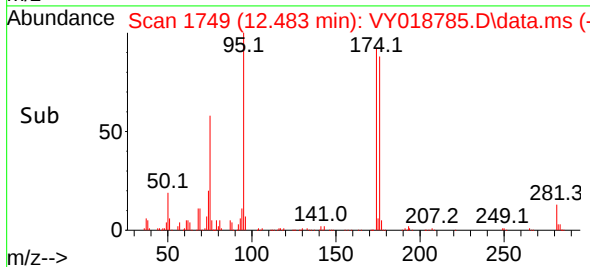
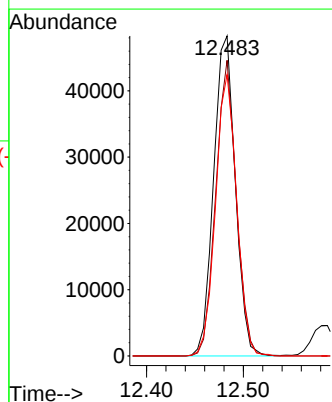
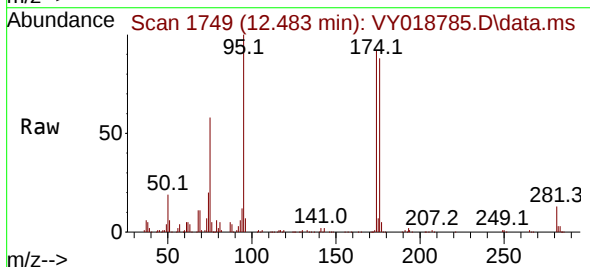
Instrument :
MSVOA_Y
ClientSampleId :

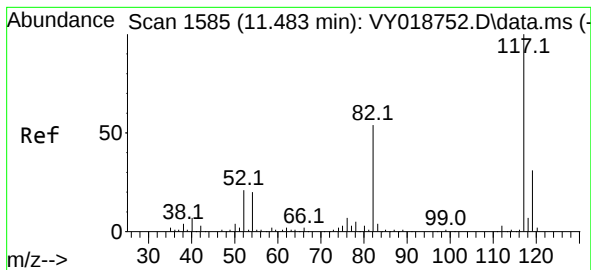
Tgt Ion:107 Resp: 37642
Ion Ratio Lower Upper
107 100
109 92.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.869 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 95 Resp: 75237
Ion Ratio Lower Upper
95 100
174 87.5 0.0 175.6
176 85.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

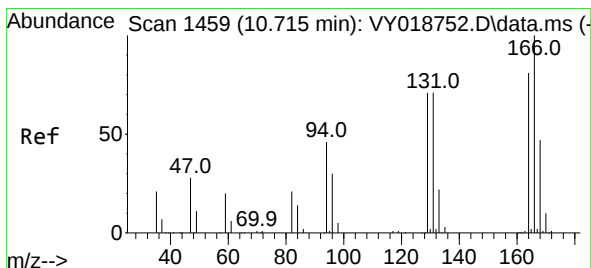
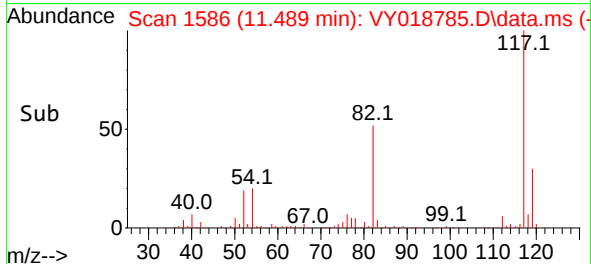
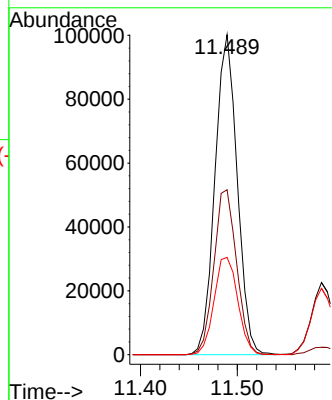
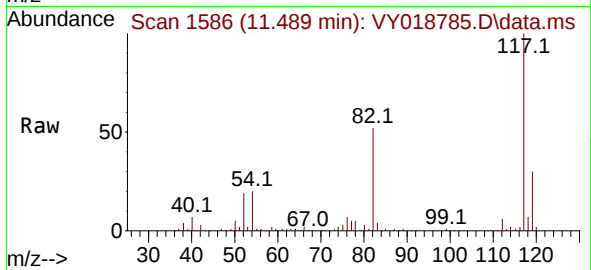
Tgt Ion:117 Resp: 159937

Ion Ratio Lower Upper

117 100

82 51.6 42.4 63.6

119 30.4 25.9 38.9



#64

Tetrachloroethene

Concen: 45.947 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Tgt Ion:164 Resp: 59481

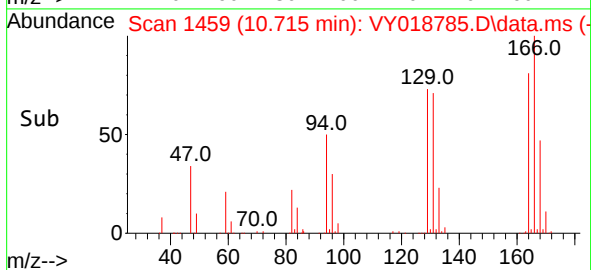
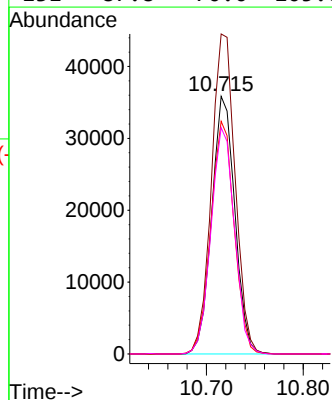
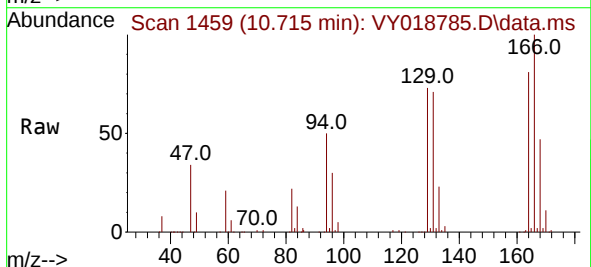
Ion Ratio Lower Upper

164 100

166 124.2 102.6 154.0

129 90.3 72.0 108.0

131 87.8 70.0 105.0

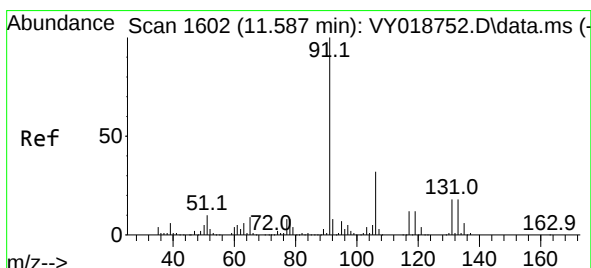
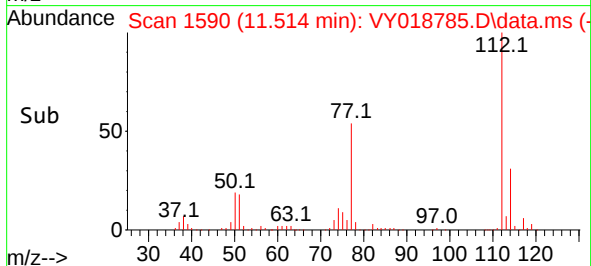
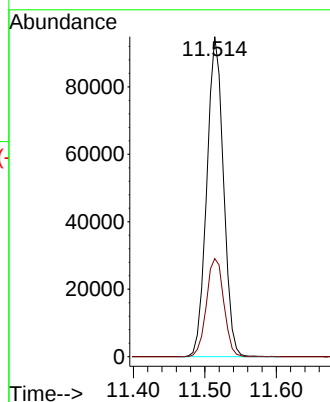
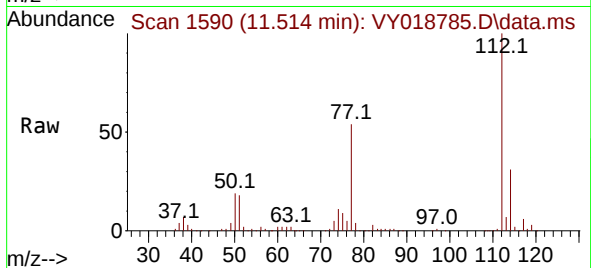




#65
Chlorobenzene
Concen: 45.490 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

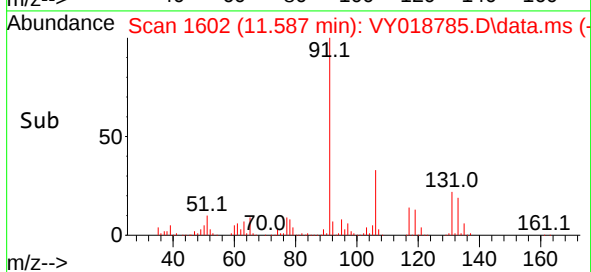
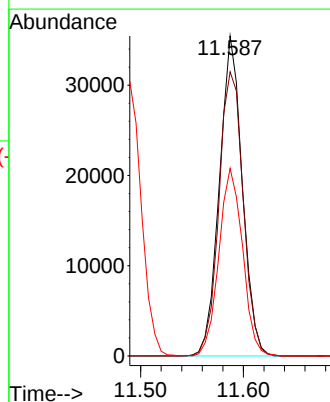
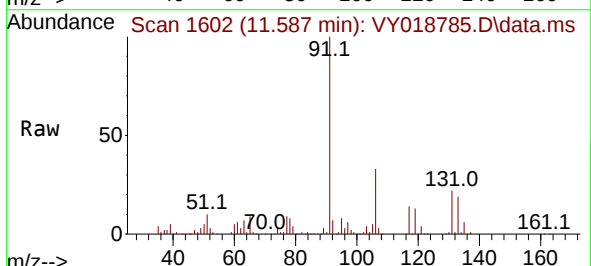
Instrument :
MSVOA_Y
ClientSampleId :

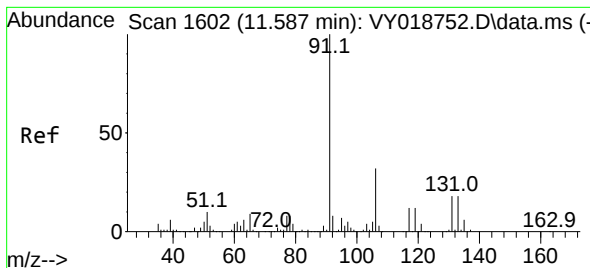
Tgt Ion:112 Resp: 153478
Ion Ratio Lower Upper
112 100
114 30.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.077 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion:131 Resp: 54724
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.3
119 60.8 34.1 102.2





#67

Ethyl Benzene

Concen: 44.830 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

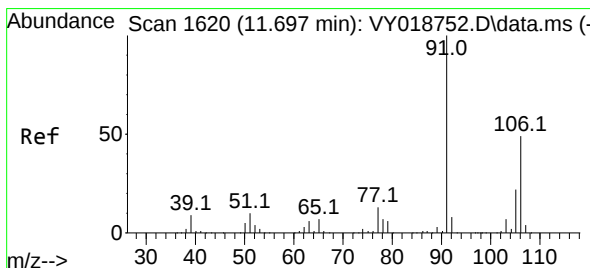
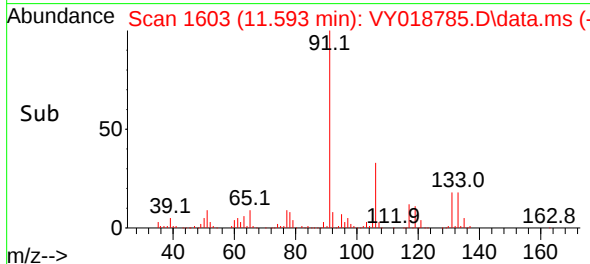
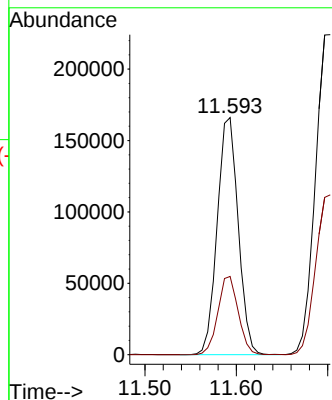
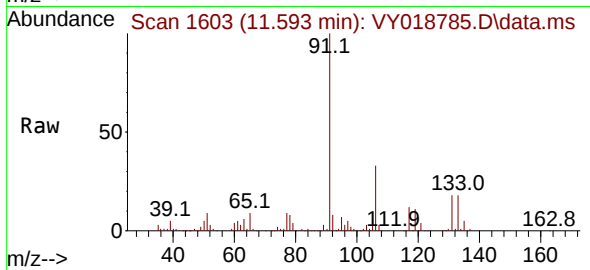
ClientSampleId :

Tgt Ion: 91 Resp: 264968

Ion Ratio Lower Upper

91 100

106 33.0 24.5 36.7



#68

m/p-Xylenes

Concen: 89.587 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY018785.D

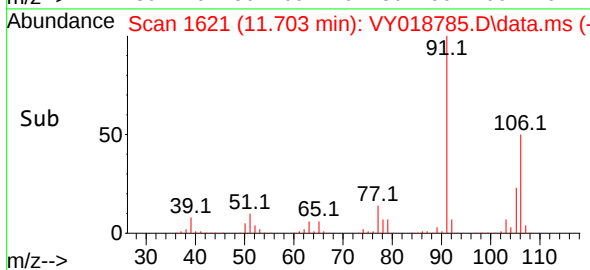
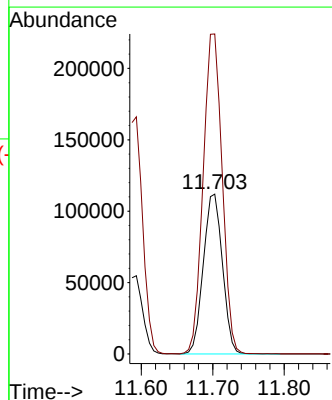
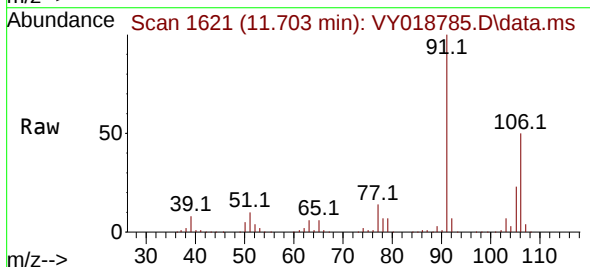
Acq: 12 Jul 2024 09:38

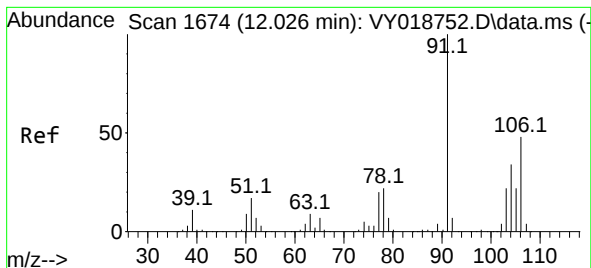
Tgt Ion:106 Resp: 207786

Ion Ratio Lower Upper

106 100

91 199.4 156.0 234.0





#69

o-Xylene

Concen: 45.653 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

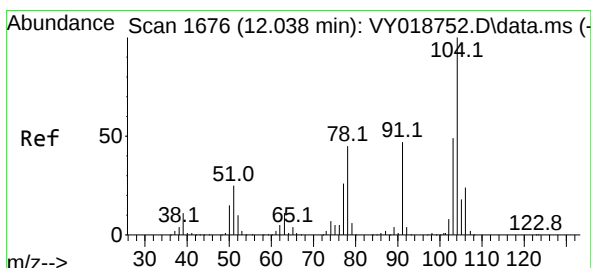
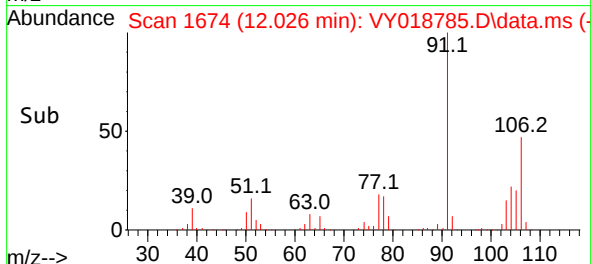
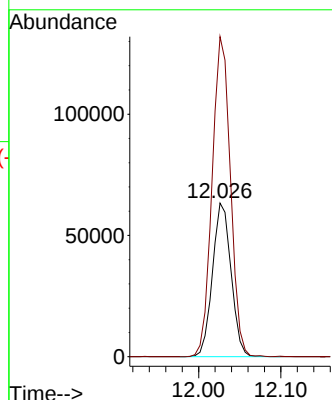
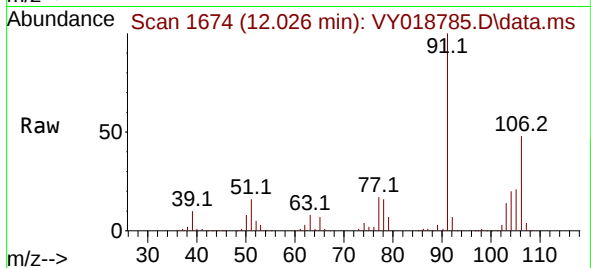
ClientSampleId :

Tgt Ion:106 Resp: 99548

Ion Ratio Lower Upper

106 100

91 205.7 103.6 310.8



#70

Styrene

Concen: 45.617 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

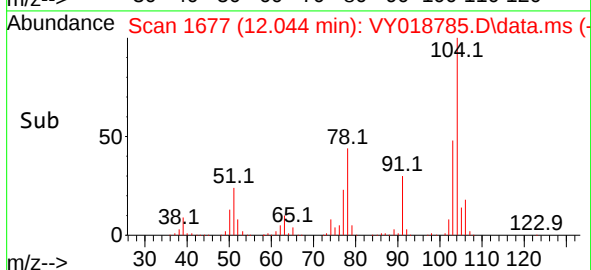
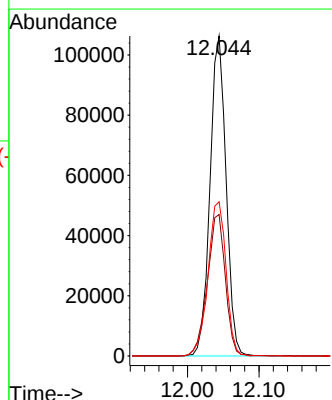
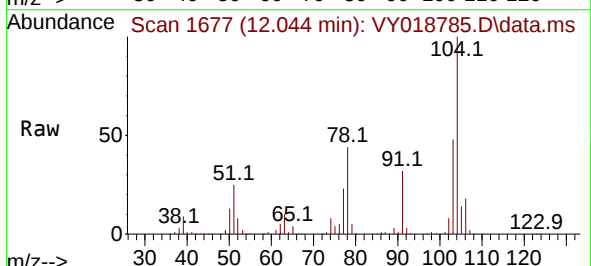
Tgt Ion:104 Resp: 165971

Ion Ratio Lower Upper

104 100

78 49.6 37.0 55.4

103 54.1 44.2 66.2





#71

Bromoform

Concen: 47.136 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

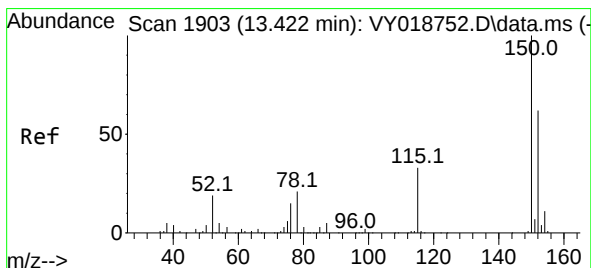
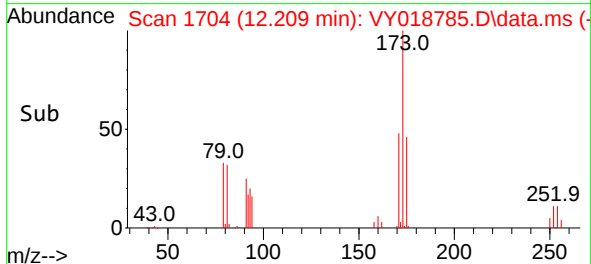
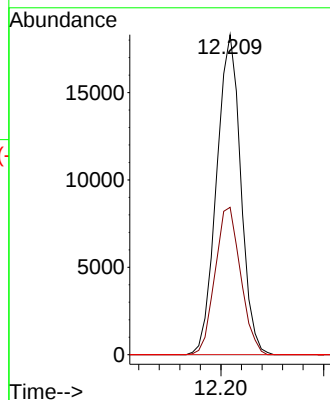
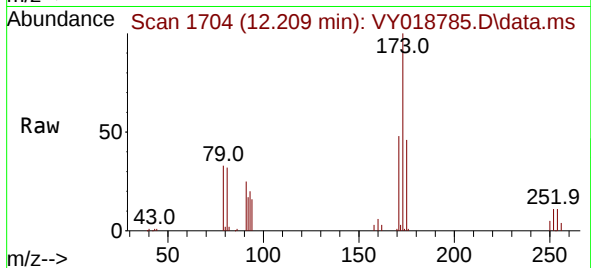
Tgt Ion:173 Resp: 29866

Ion Ratio Lower Upper

173 100

175 48.7 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: VY018785.D

Acq: 12 Jul 2024 09:38

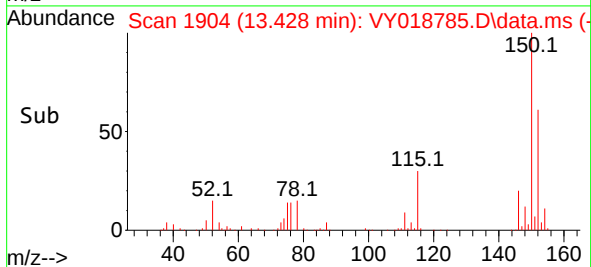
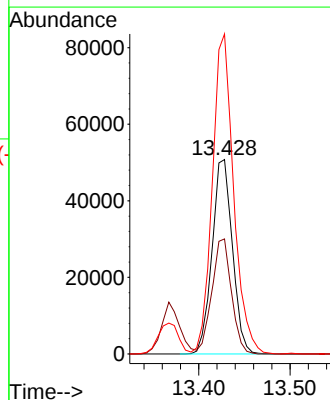
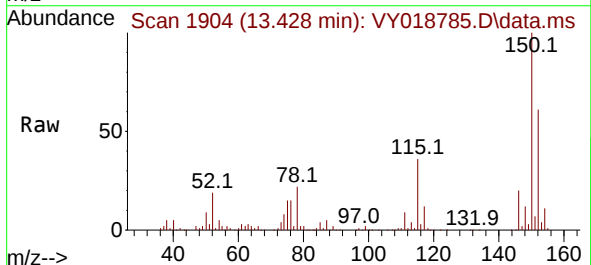
Tgt Ion:152 Resp: 78434

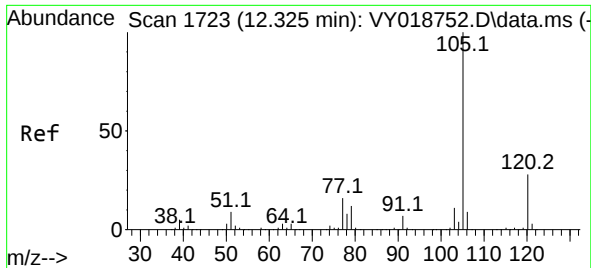
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 172.0 0.0 345.6

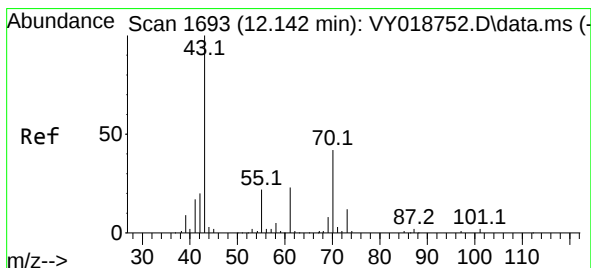
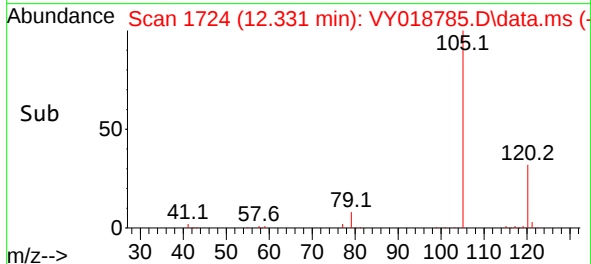
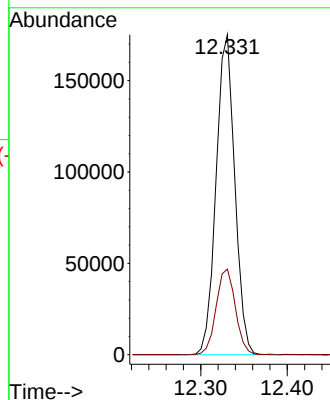
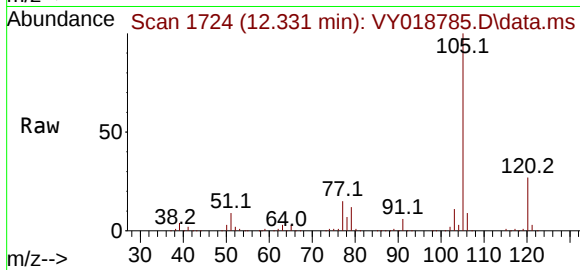




#73
Isopropylbenzene
Concen: 45.678 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

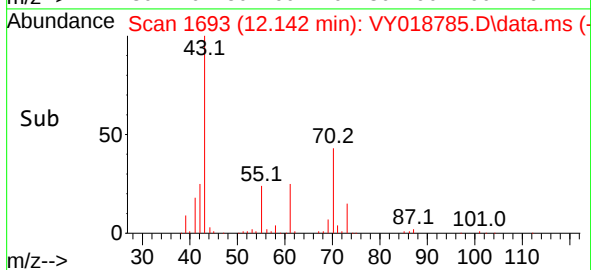
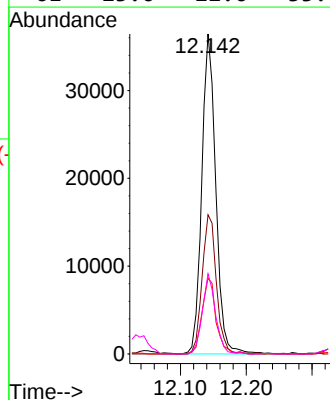
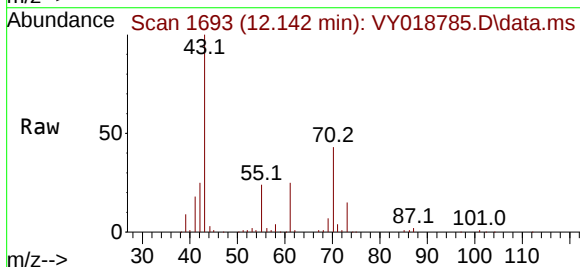
Instrument :
MSVOA_Y
ClientSampleId :

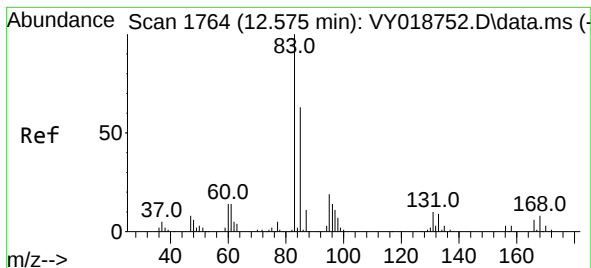
Tgt Ion:105 Resp: 262204
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.1



#74
N-ethyl acetate
Concen: 46.002 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 43 Resp: 54004
Ion Ratio Lower Upper
43 100
70 44.3 41.4 62.2
55 23.7 23.3 34.9
61 23.6 22.6 33.8

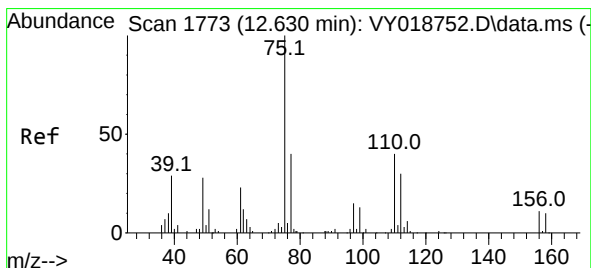
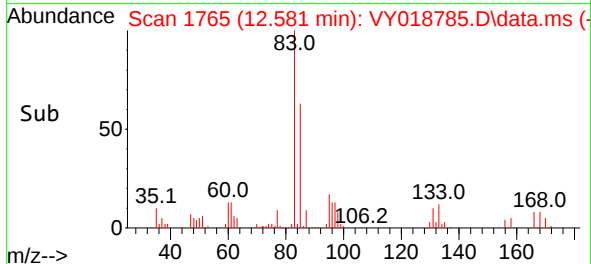
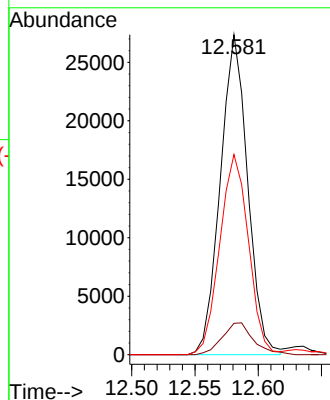
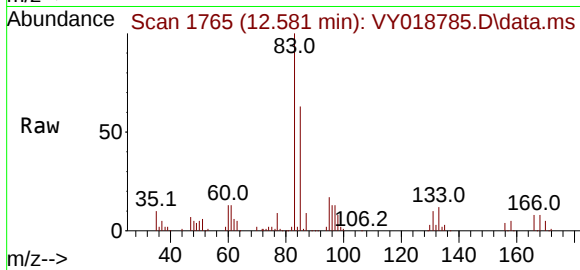




#75
1,1,2,2-Tetrachloroethane
Concen: 45.417 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

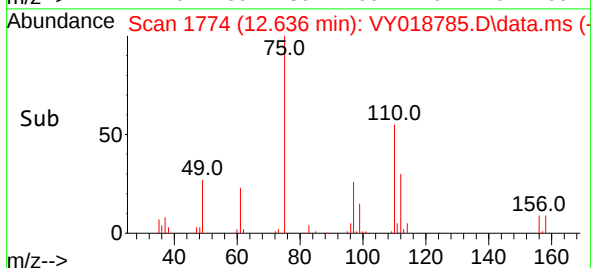
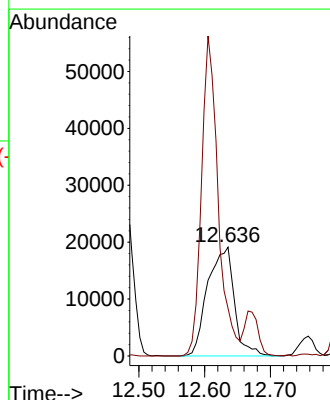
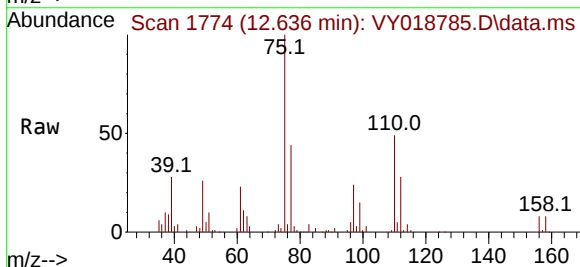
Instrument :
MSVOA_Y
ClientSampleId :

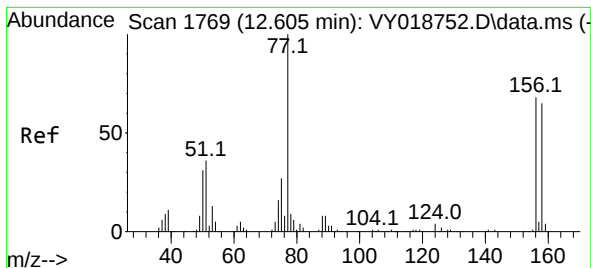
Tgt Ion: 83 Resp: 41099
Ion Ratio Lower Upper
83 100
131 11.3 5.0 14.9
85 65.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 87.571 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 75 Resp: 53796
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.642 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

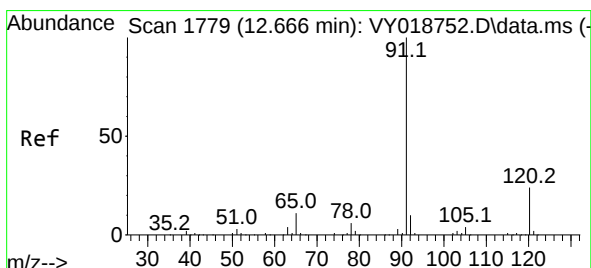
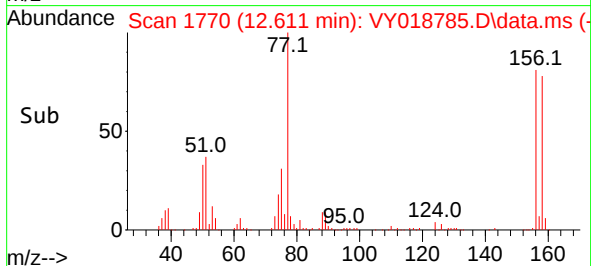
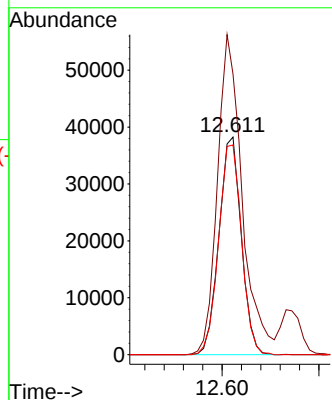
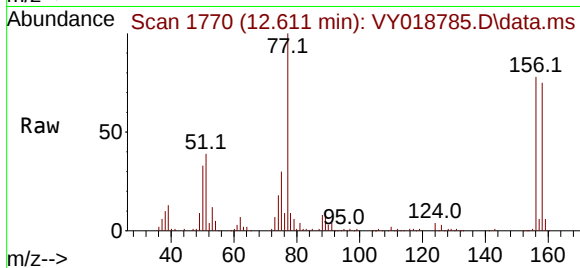
Tgt Ion:156 Resp: 61177

Ion Ratio Lower Upper

156 100

77 162.7 87.1 261.3

158 99.0 48.6 145.9



#78

n-propylbenzene

Concen: 44.221 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY018785.D

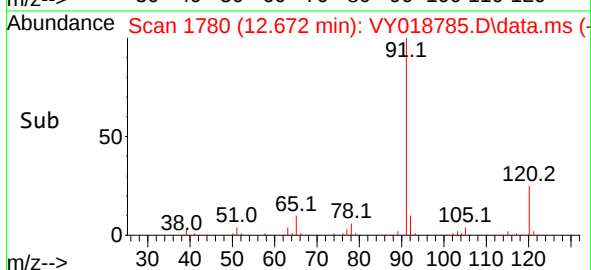
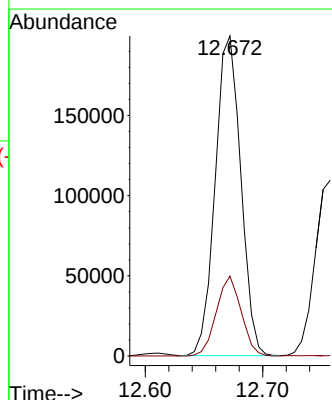
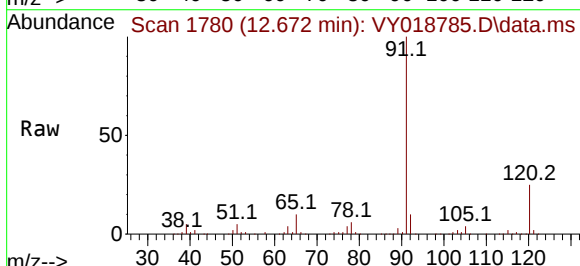
Acq: 12 Jul 2024 09:38

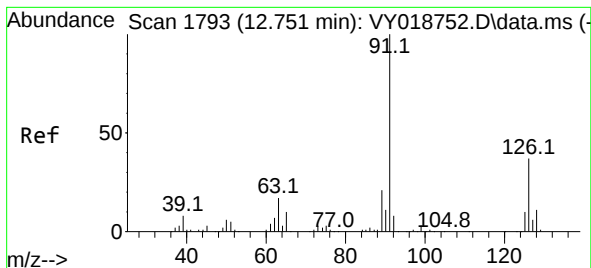
Tgt Ion: 91 Resp: 301441

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 44.755 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

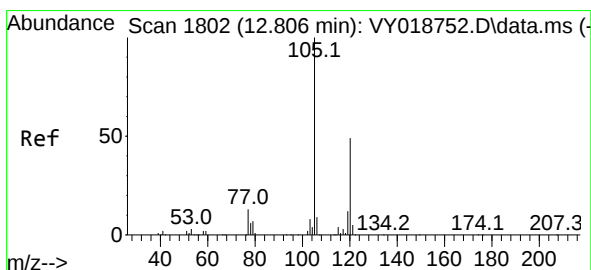
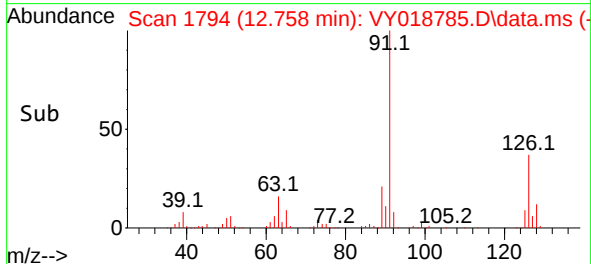
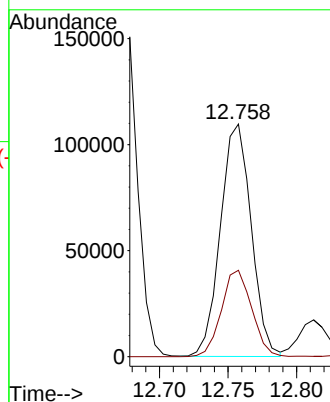
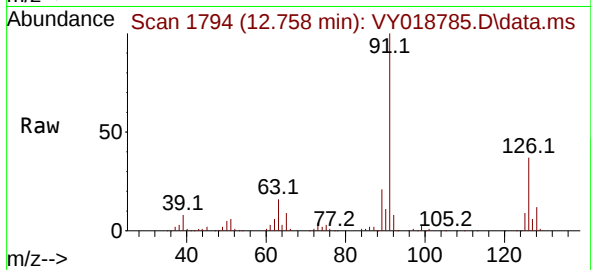
ClientSampleId :

Tgt Ion: 91 Resp: 171547

Ion Ratio Lower Upper

91 100

126 36.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 45.281 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018785.D

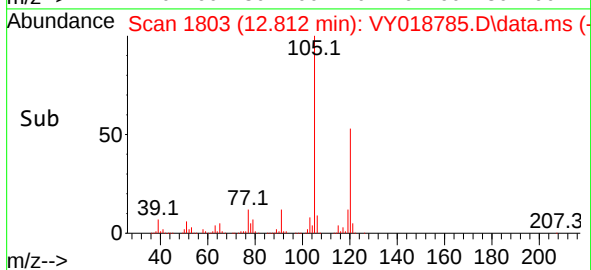
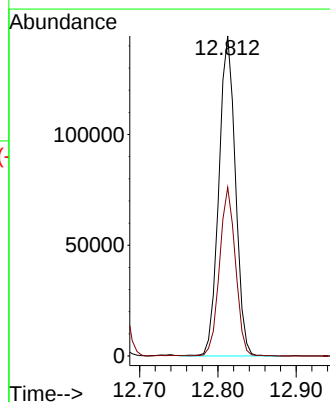
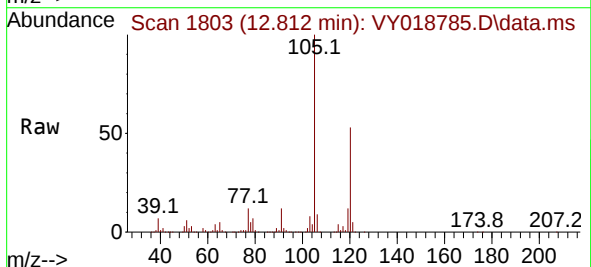
Acq: 12 Jul 2024 09:38

Tgt Ion: 105 Resp: 212675

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2

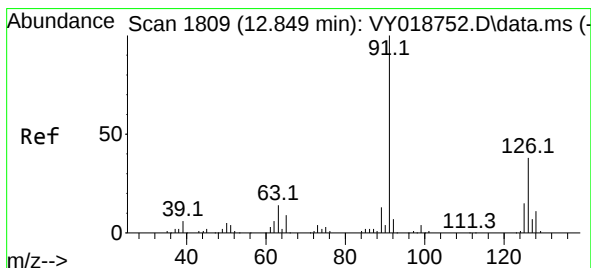
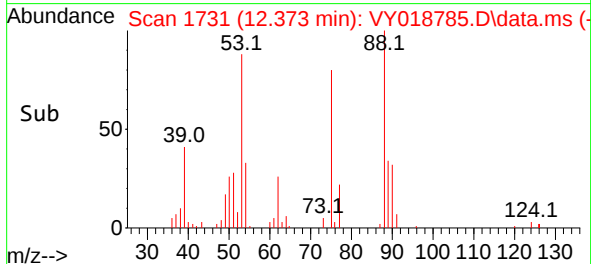
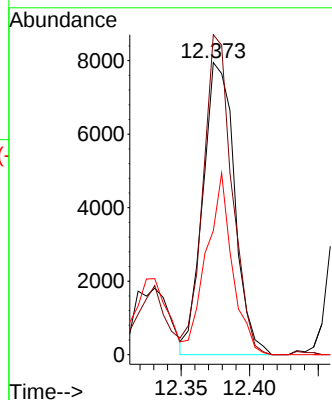
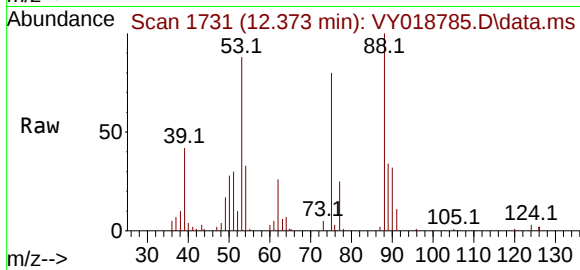




#81
trans-1,4-Dichloro-2-butene
Concen: 46.451 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

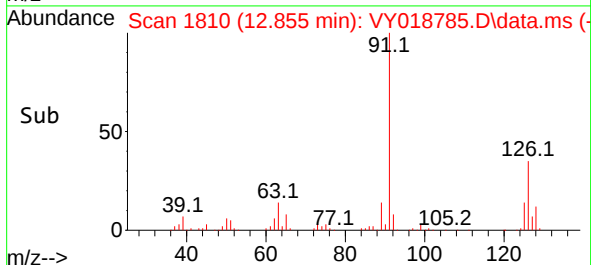
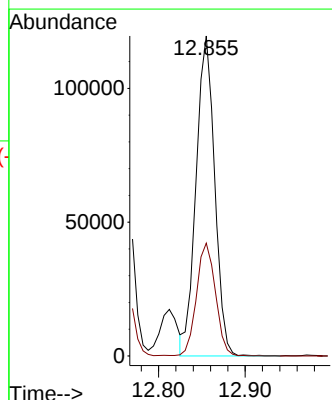
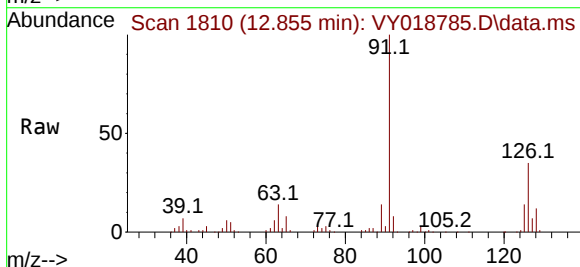
Instrument :
MSVOA_Y
ClientSampleId :

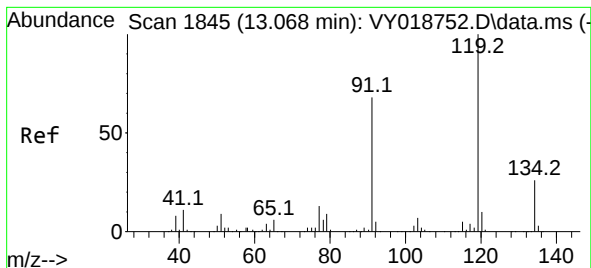
Tgt Ion: 75 Resp: 12750
Ion Ratio Lower Upper
75 100
53 100.2 66.8 100.2#
89 51.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 45.199 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 91 Resp: 178396
Ion Ratio Lower Upper
91 100
126 36.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 44.888 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

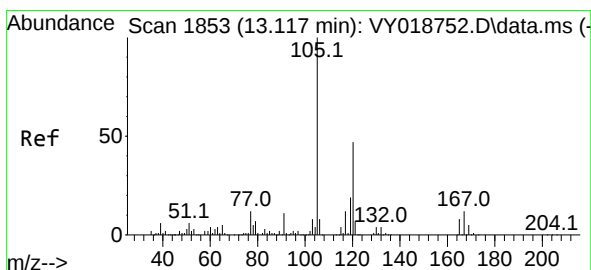
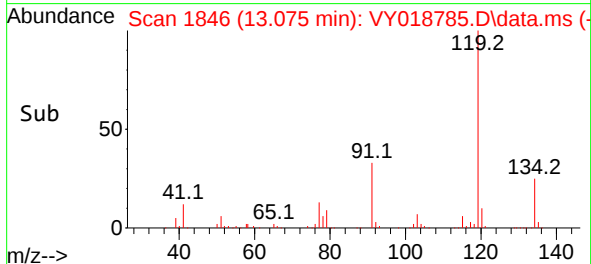
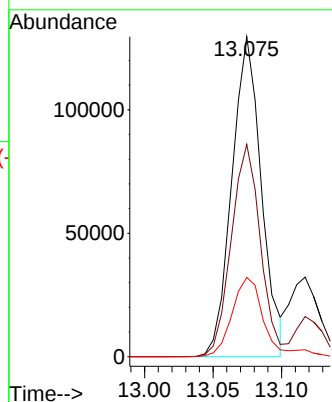
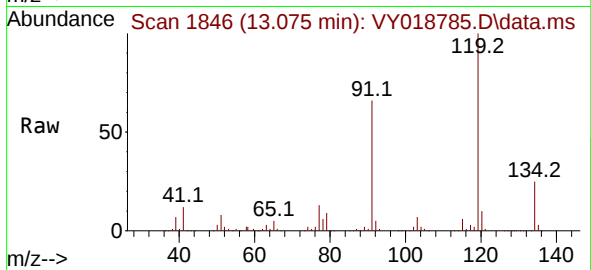
Tgt Ion:119 Resp: 194646

Ion Ratio Lower Upper

119 100

91 65.2 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 45.057 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018785.D

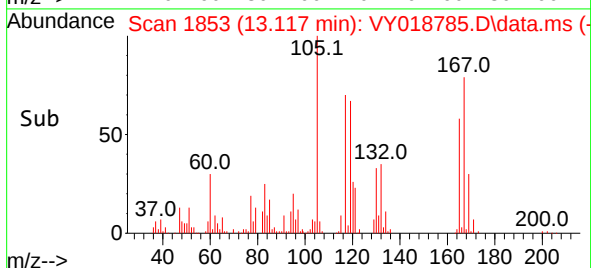
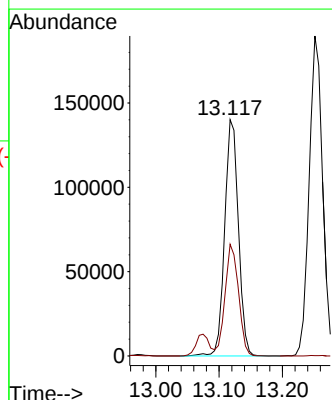
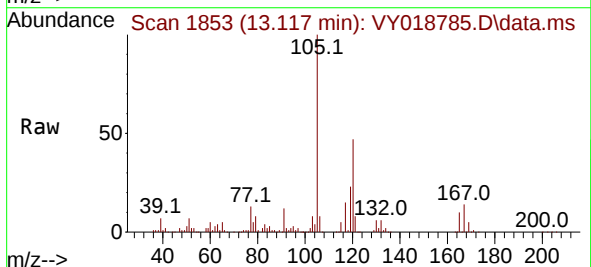
Acq: 12 Jul 2024 09:38

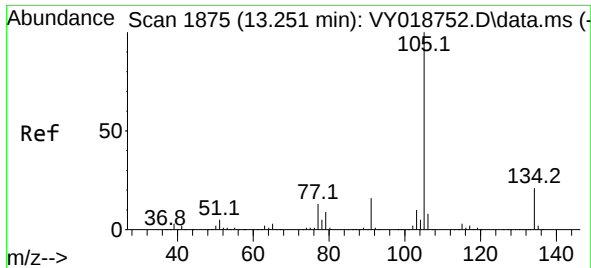
Tgt Ion:105 Resp: 210296

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6

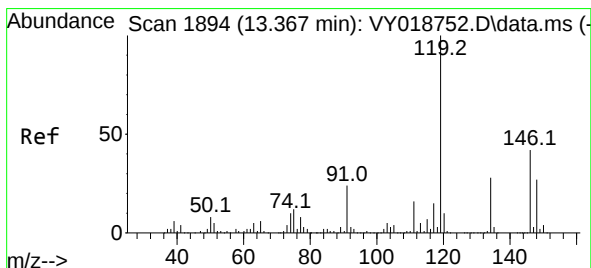
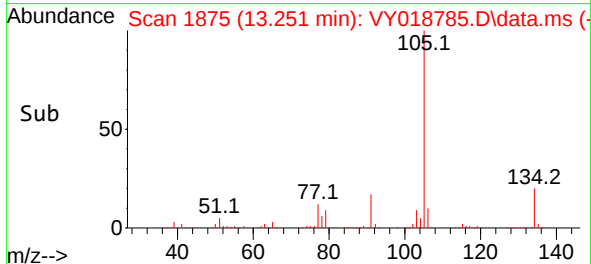
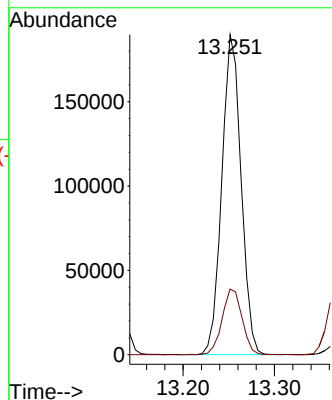
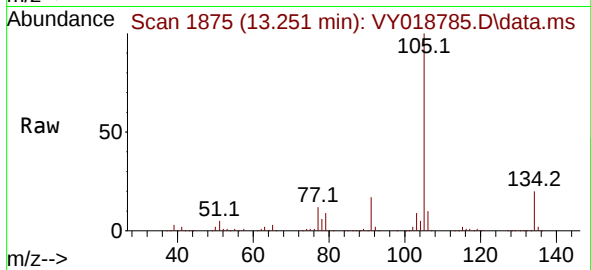




#85
sec-Butylbenzene
Concen: 45.181 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

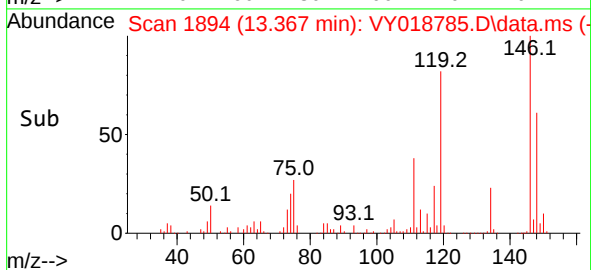
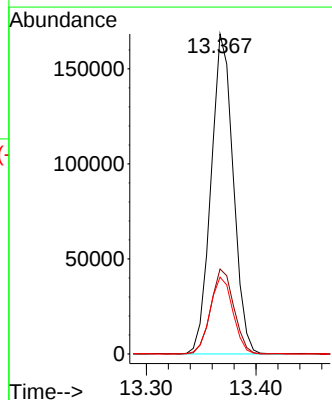
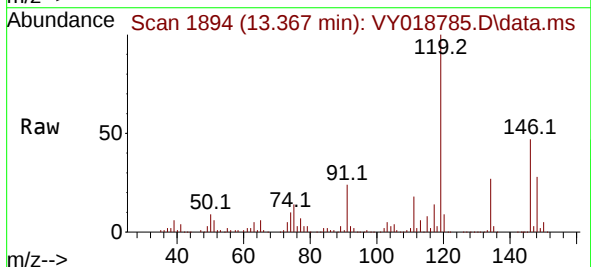
Instrument :
MSVOA_Y
ClientSampleId :

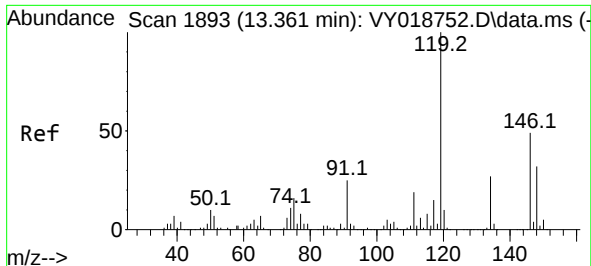
Tgt Ion:105 Resp: 278084
Ion Ratio Lower Upper
105 100
134 21.2 10.1 30.1



#86
p-Isopropyltoluene
Concen: 44.632 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion:119 Resp: 237156
Ion Ratio Lower Upper
119 100
134 27.5 13.1 39.3
91 24.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 44.525 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

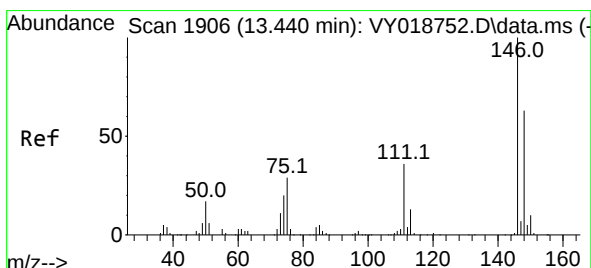
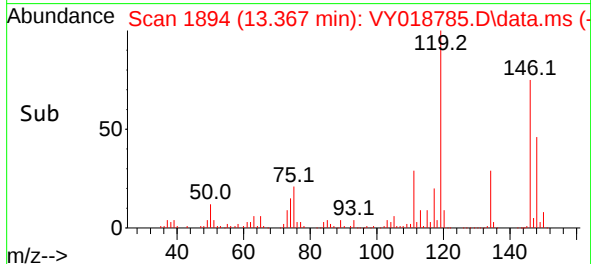
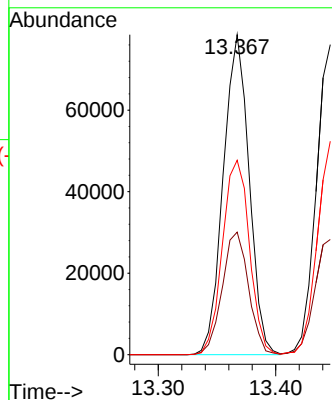
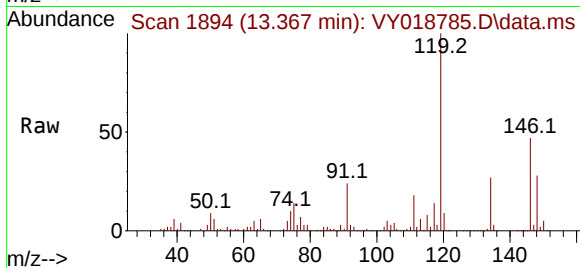
Tgt Ion:146 Resp: 119840

Ion Ratio Lower Upper

146 100

111 39.2 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 43.814 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

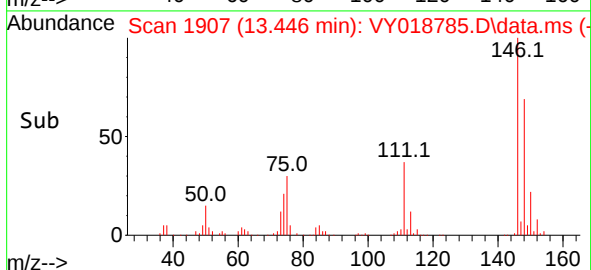
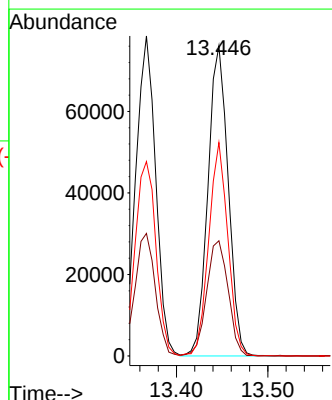
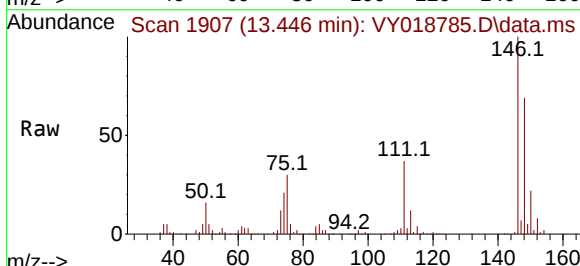
Tgt Ion:146 Resp: 116877

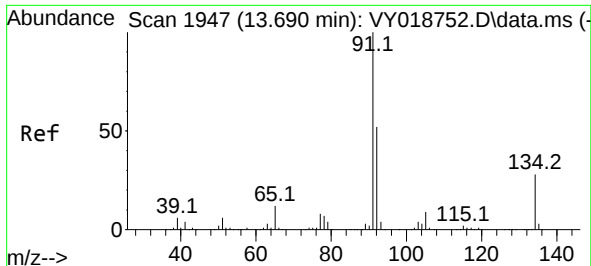
Ion Ratio Lower Upper

146 100

111 39.6 18.4 55.4

148 64.9 32.4 97.2

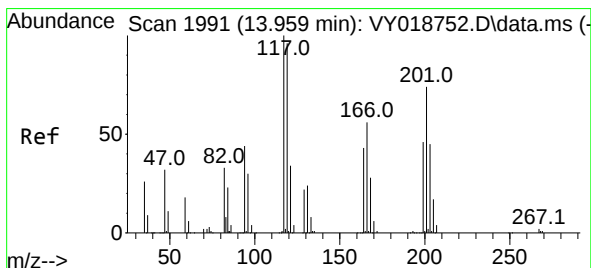
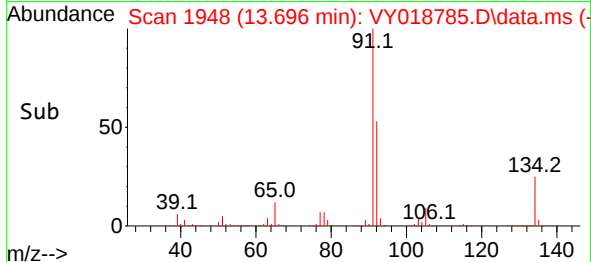
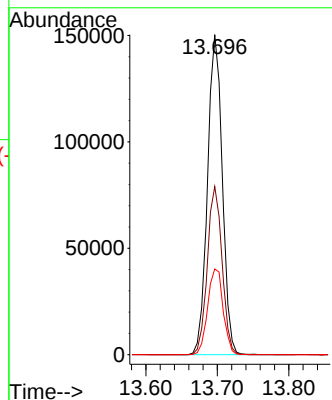
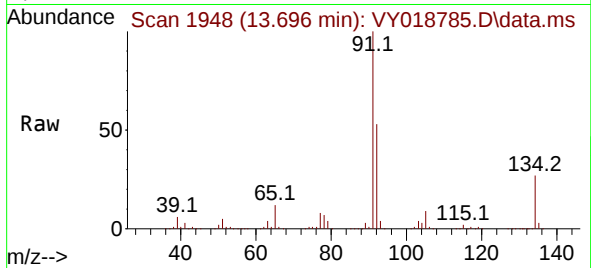




#89
n-Butylbenzene
Concen: 44.909 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

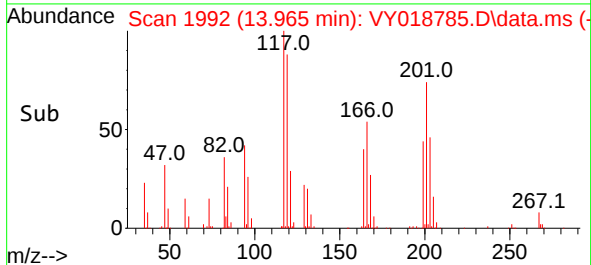
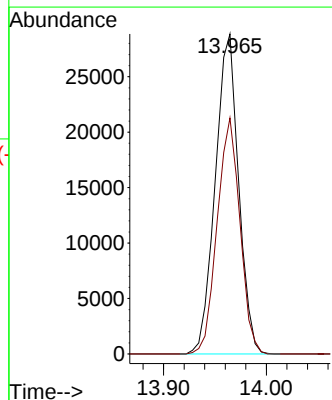
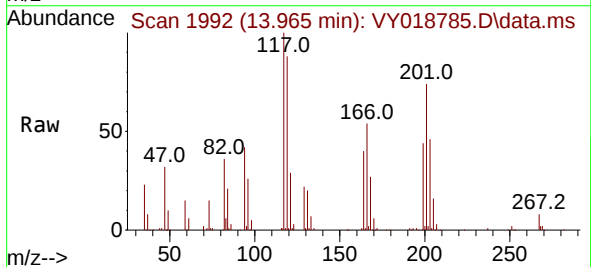
Instrument :
MSVOA_Y
ClientSampleId :

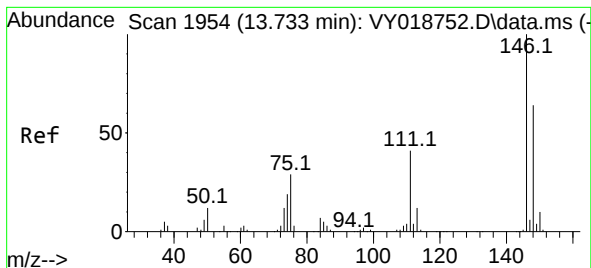
Tgt Ion: 91 Resp: 216337
Ion Ratio Lower Upper
91 100
92 52.3 26.6 79.7
134 28.0 12.9 38.7



#90
Hexachloroethane
Concen: 45.967 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY018785.D
Acq: 12 Jul 2024 09:38

Tgt Ion: 117 Resp: 45424
Ion Ratio Lower Upper
117 100
201 71.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 45.793 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

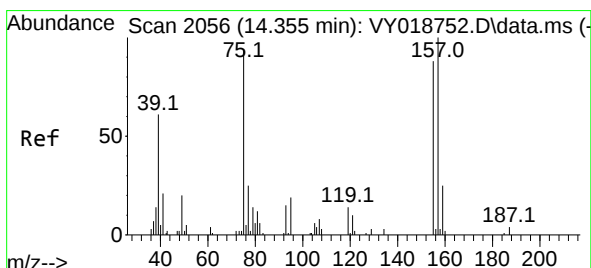
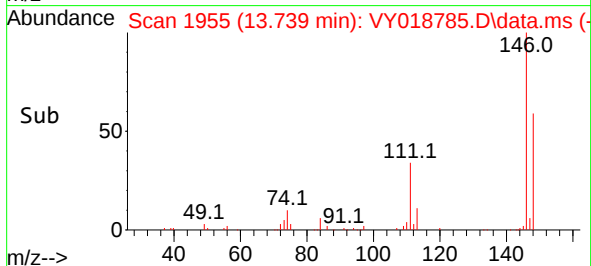
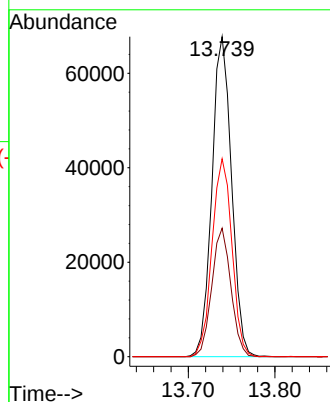
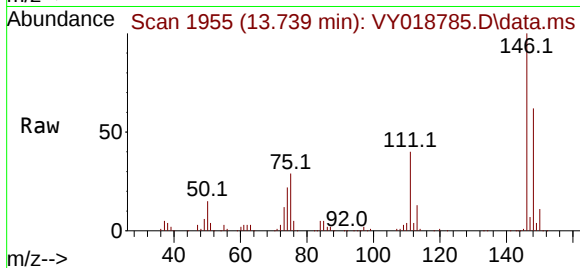
Tgt Ion:146 Resp: 106467

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 62.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.615 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

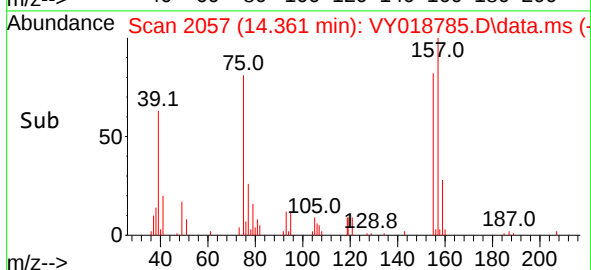
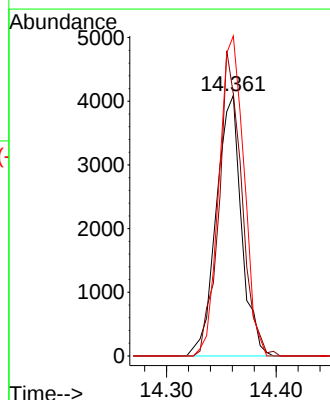
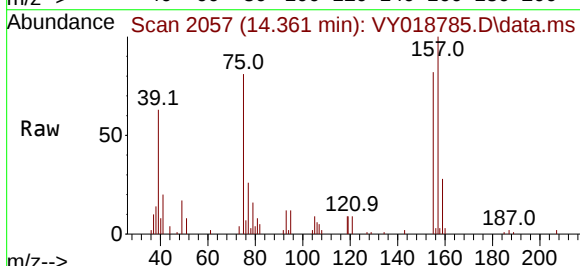
Tgt Ion: 75 Resp: 6542

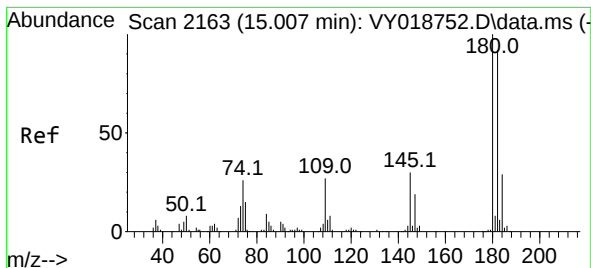
Ion Ratio Lower Upper

75 100

155 105.7 48.6 145.8

157 120.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 44.009 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

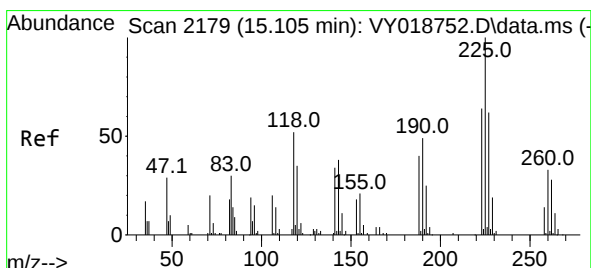
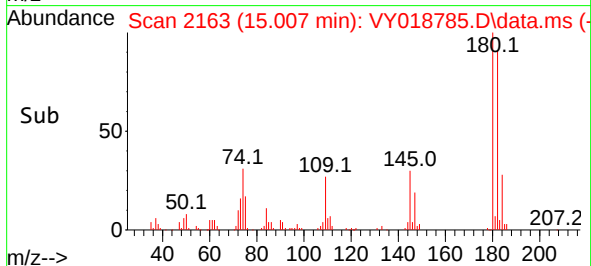
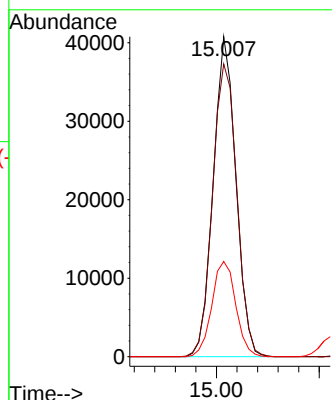
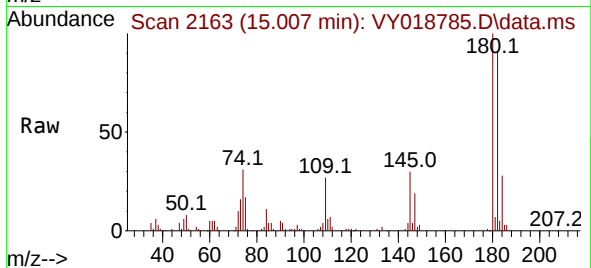
Tgt Ion:180 Resp: 62460

Ion Ratio Lower Upper

180 100

182 97.8 47.9 143.8

145 31.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.068 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

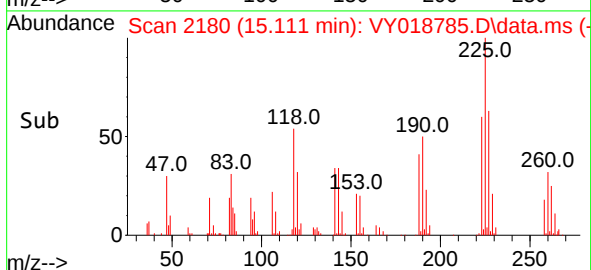
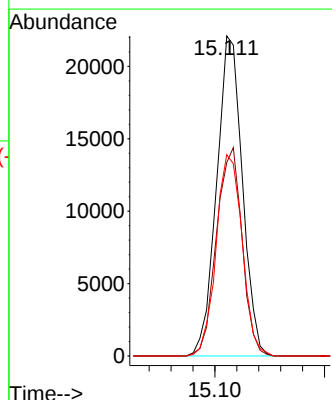
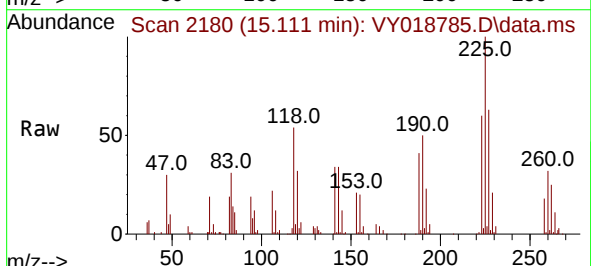
Tgt Ion:225 Resp: 36050

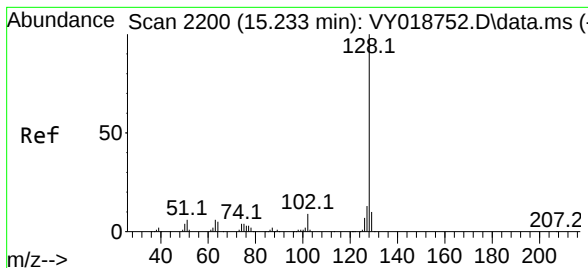
Ion Ratio Lower Upper

225 100

223 64.5 30.4 91.2

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 45.858 ug/l

RT: 15.239 min Scan# 211

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

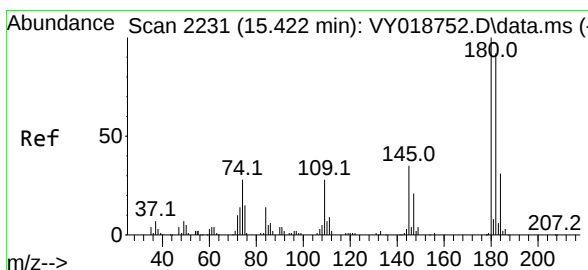
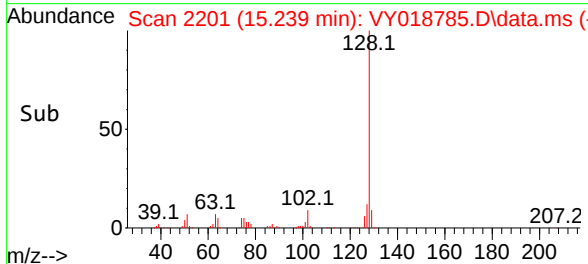
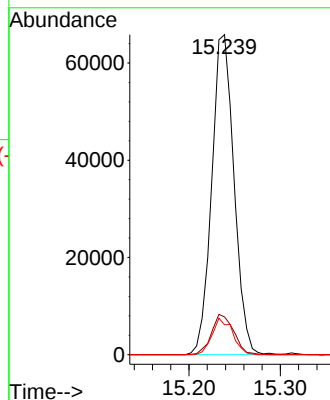
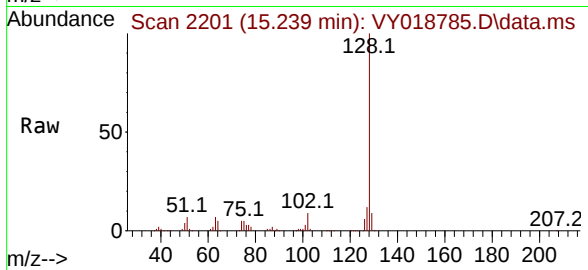
Tgt Ion:128 Resp: 111651

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.539 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018785.D

Acq: 12 Jul 2024 09:38

Tgt Ion:180 Resp: 54085

Ion Ratio Lower Upper

180 100

182 91.5 47.6 142.9

145 32.1 15.4 46.1

