

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018991.D
 Acq On : 12 Aug 2024 10:44
 Operator : SY/MD
 Sample : VY0812SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBS01

Quant Time: Aug 13 01:10:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	63767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	98345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	83636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	39911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	26987	48.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.400%
35) Dibromofluoromethane	7.622	113	31001	49.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.103	98	118740	49.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.408	95	32394	45.257	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	8906	20.319	ug/l	93
3) Chloromethane	2.068	50	20677	17.911	ug/l	96
4) Vinyl Chloride	2.202	62	28200	19.199	ug/l	99
5) Bromomethane	2.586	94	24427	20.843	ug/l	95
6) Chloroethane	2.726	64	18620	18.851	ug/l	97
7) Trichlorofluoromethane	3.043	101	35962	18.370	ug/l	95
8) Diethyl Ether	3.458	74	5430	17.994	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.806	101	11990	19.604	ug/l	93
10) Methyl Iodide	3.995	142	12575	19.041	ug/l	96
11) Tert butyl alcohol	4.836	59	5149	68.456	ug/l #	97
12) 1,1-Dichloroethene	3.781	96	11558	20.004	ug/l	90
13) Acrolein	3.641	56	5466	90.362	ug/l	95
14) Allyl chloride	4.373	41	15271	19.762	ug/l #	84
15) Acrylonitrile	5.043	53	11063	93.514	ug/l	98
16) Acetone	3.854	43	9982	78.942	ug/l #	82
17) Carbon Disulfide	4.098	76	33417	19.456	ug/l	99
18) Methyl Acetate	4.373	43	5690	18.285	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	25014	17.601	ug/l	92
20) Methylene Chloride	4.604	84	13366	16.522	ug/l	89
21) trans-1,2-Dichloroethene	5.110	96	12922	20.213	ug/l	92
22) Diisopropyl ether	6.006	45	32837	19.492	ug/l #	88
23) Vinyl Acetate	5.945	43	131795	90.652	ug/l	93
24) 1,1-Dichloroethane	5.909	63	21194	20.508	ug/l	93
25) 2-Butanone	6.884	43	14775	81.506	ug/l #	85
26) 2,2-Dichloropropane	6.872	77	17934	18.438	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	14908	19.490	ug/l	99
28) Bromochloromethane	7.232	49	9364	19.681	ug/l	94
29) Tetrahydrofuran	7.250	42	9356	87.530	ug/l	92
30) Chloroform	7.409	83	22409	20.270	ug/l	97
31) Cyclohexane	7.689	56	18662	18.970	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	20031	20.045	ug/l	96
36) 1,1-Dichloropropene	7.823	75	15686	18.604	ug/l	98
37) Ethyl Acetate	6.976	43	7257	18.831	ug/l	96
38) Carbon Tetrachloride	7.811	117	18260	18.888	ug/l	92
39) Methylcyclohexane	9.097	83	20230	17.825	ug/l	97
40) Benzene	8.073	78	49454	19.727	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	9131	53.060	ug/l #	31
42) 1,2-Dichloroethane	8.146	62	12509	20.044	ug/l	98
43) Isopropyl Acetate	8.195	43	12863	16.412	ug/l #	83
44) Trichloroethene	8.853	130	13962	19.539	ug/l	93
45) 1,2-Dichloropropane	9.134	63	9971	17.775	ug/l	95
46) Dibromomethane	9.225	93	7018	19.363	ug/l	99
47) Bromodichloromethane	9.420	83	16522	19.479	ug/l #	94
48) Methyl methacrylate	9.219	41	5729	16.732	ug/l #	75
49) 1,4-Dioxane	9.213	88	1324	309.193	ug/l #	87
51) 4-Methyl-2-Pentanone	10.000	43	34261	84.761	ug/l #	84
52) Toluene	10.170	92	31891	19.151	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	14062	18.591	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	16471	18.332	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	8227	18.483	ug/l	94
56) Ethyl methacrylate	10.438	69	9914	16.450	ug/l #	74
57) 1,3-Dichloropropane	10.713	76	13727	18.731	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	25513	82.115	ug/l	94
59) 2-Hexanone	10.762	43	22934	79.096	ug/l	85
60) Dibromochloromethane	10.908	129	10902	18.269	ug/l	99
61) 1,2-Dibromoethane	11.012	107	7857	18.281	ug/l	94
64) Tetrachloroethene	10.652	164	13940	19.883	ug/l	87
65) Chlorobenzene	11.444	112	36451	19.850	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.518	131	11656	18.147	ug/l	98
67) Ethyl Benzene	11.518	91	60281	18.960	ug/l	91
68) m/p-Xylenes	11.627	106	48858	37.477	ug/l	93
69) o-Xylene	11.957	106	22474	18.678	ug/l	92
70) Styrene	11.975	104	36377	18.355	ug/l	100
71) Bromoform	12.127	173	6603	19.769	ug/l #	91
73) Isopropylbenzene	12.255	105	57939	19.999	ug/l	97
74) N-amyl acetate	12.072	43	11914	17.822	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.511	83	9215	19.710	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	11261	37.874	ug/l #	100
77) Bromobenzene	12.536	156	14335	21.241	ug/l	83
78) n-propylbenzene	12.597	91	66665	19.442	ug/l	94
79) 2-Chlorotoluene	12.682	91	35839	20.189	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	43103	18.986	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.304	75	2727	18.899	ug/l #	81
82) 4-Chlorotoluene	12.780	91	35721	19.655	ug/l	93
83) tert-Butylbenzene	12.999	119	43352	20.216	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	43594	18.929	ug/l	96
85) sec-Butylbenzene	13.176	105	62521	20.128	ug/l	96
86) p-Isopropyltoluene	13.298	119	51956	19.317	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	27501	19.948	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	26614	19.795	ug/l	99
89) n-Butylbenzene	13.621	91	45697	19.356	ug/l	98
90) Hexachloroethane	13.883	117	10166	20.031	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	23900	21.086	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1130	17.571	ug/l	92
93) 1,2,4-Trichlorobenzene	14.926	180	11818	18.935	ug/l	98
94) Hexachlorobutadiene	15.029	225	7267	21.231	ug/l	96
95) Naphthalene	15.151	128	17350	15.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	10399	19.412	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

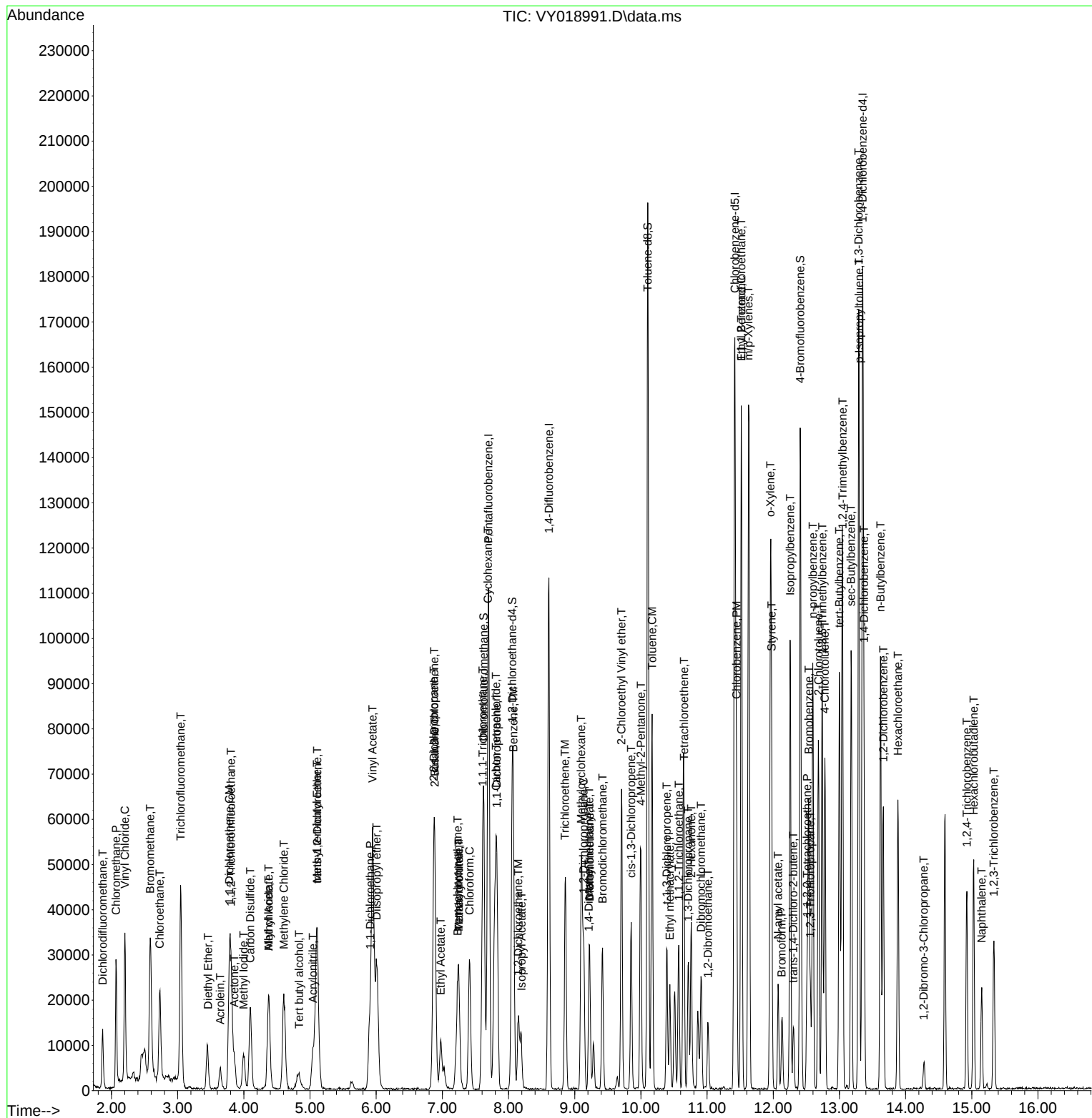
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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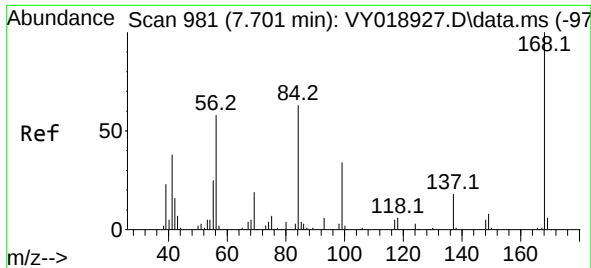
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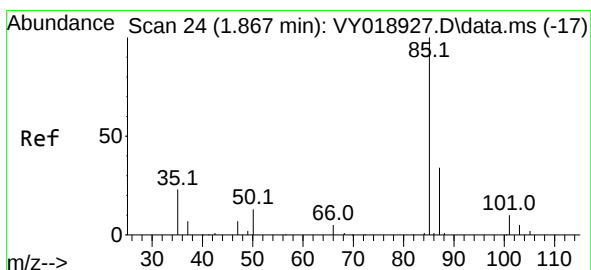
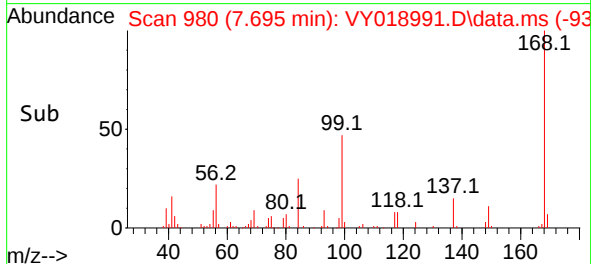
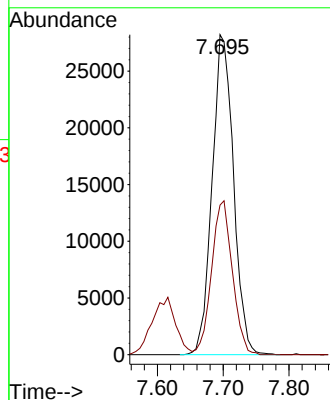
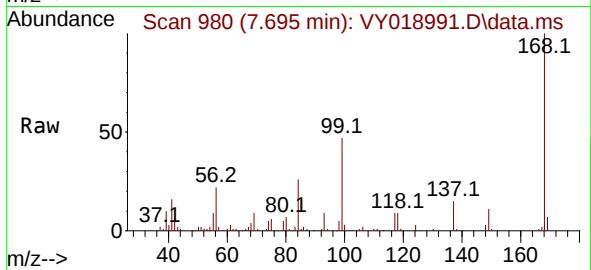




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018991.D
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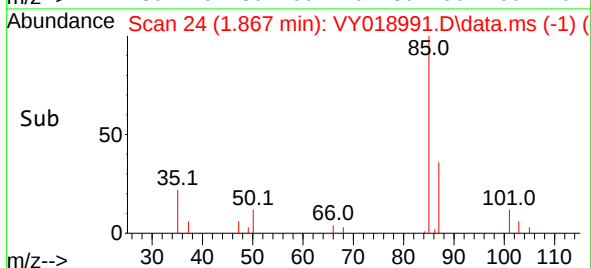
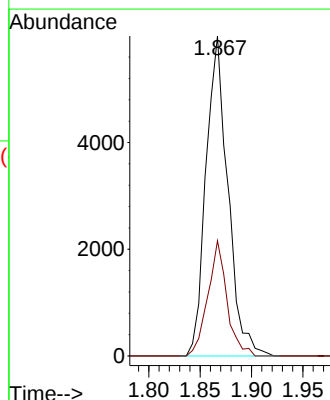
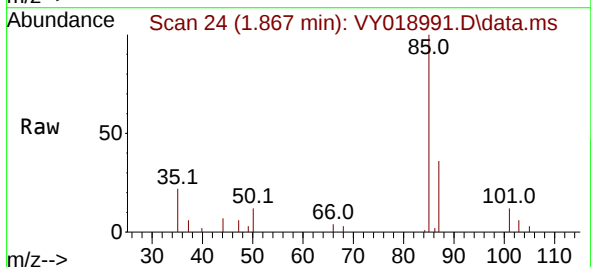
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

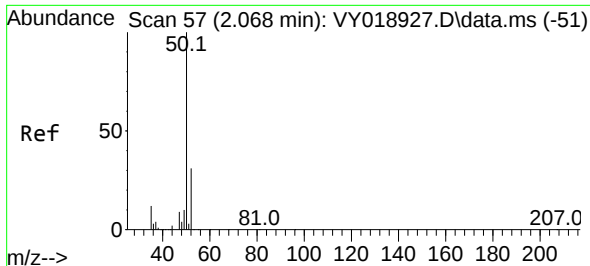
Tgt Ion:168 Resp: 63767
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.319 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 85 Resp: 8906
Ion Ratio Lower Upper
85 100
87 36.0 16.0 48.0

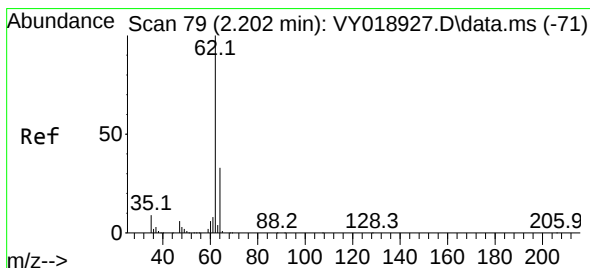
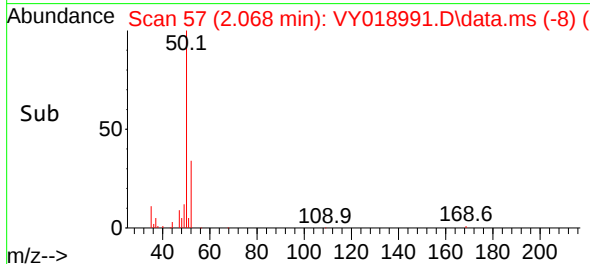
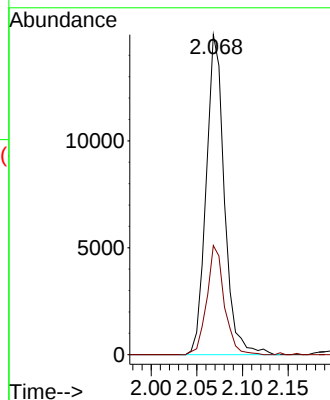
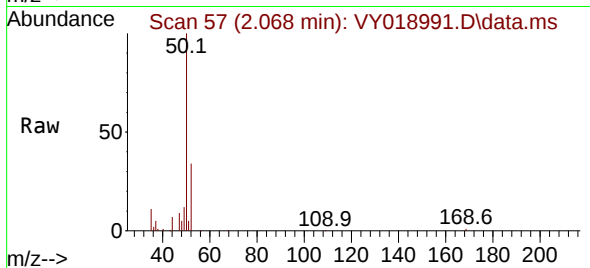




#3
Chloromethane
Concen: 17.911 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

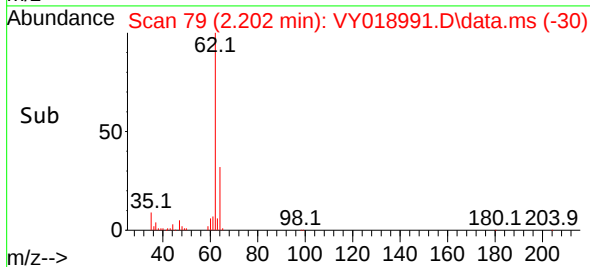
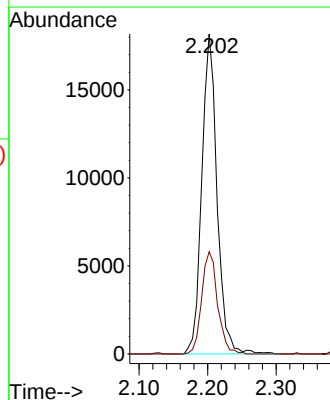
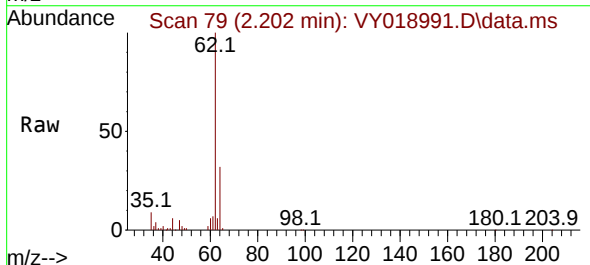
Instrument :
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ClientSampleId :
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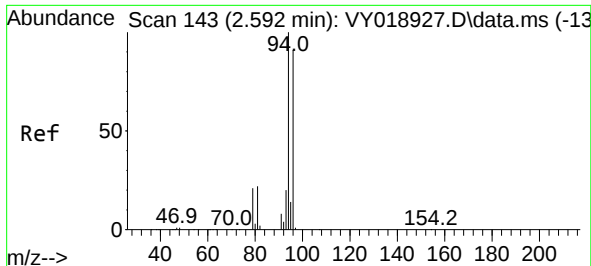
Tgt Ion: 50 Resp: 20677
Ion Ratio Lower Upper
50 100
52 34.1 25.6 38.4



#4
Vinyl Chloride
Concen: 19.199 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 62 Resp: 28200
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1

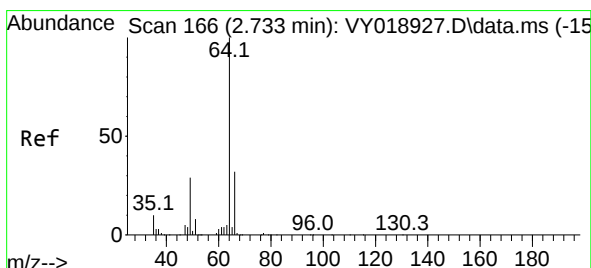
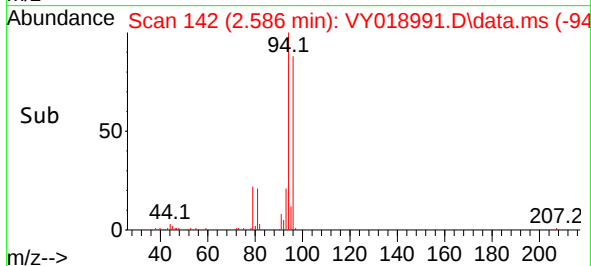
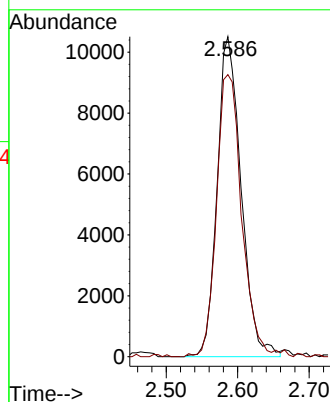
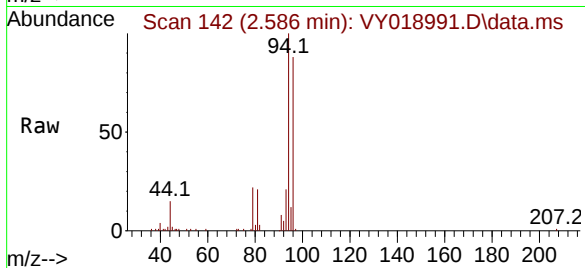




#5
Bromomethane
Concen: 20.843 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

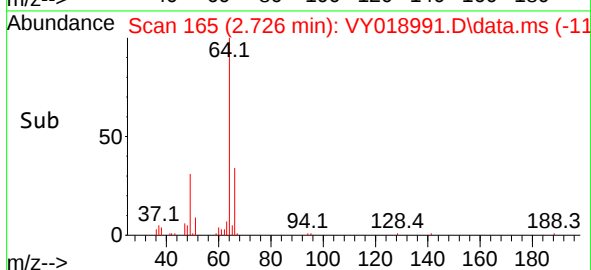
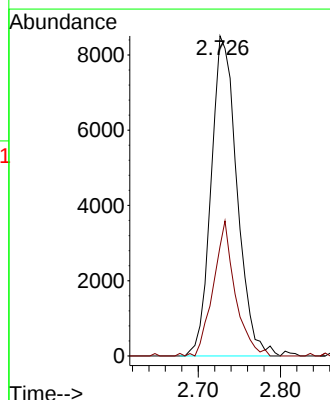
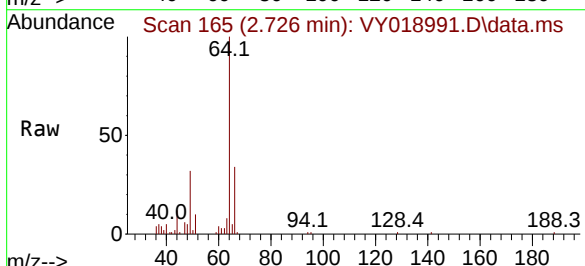
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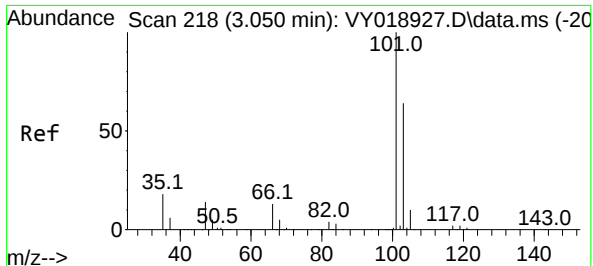
Tgt Ion: 94 Resp: 24427
Ion Ratio Lower Upper
94 100
96 88.1 74.1 111.1



#6
Chloroethane
Concen: 18.851 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY018991.D
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Tgt Ion: 64 Resp: 18620
Ion Ratio Lower Upper
64 100
66 34.3 26.1 39.1

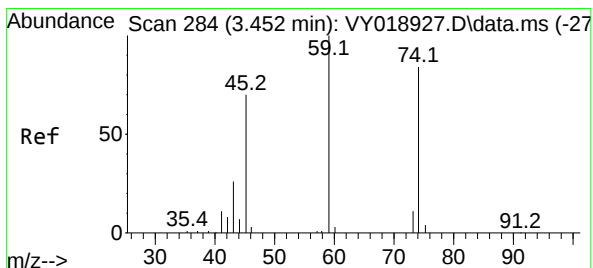
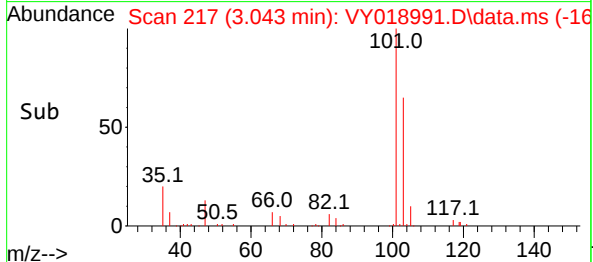
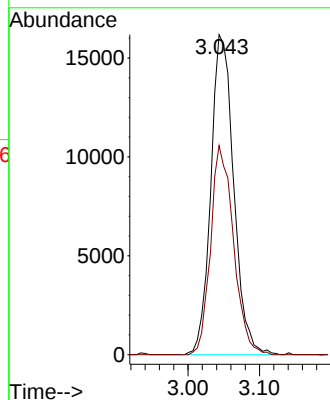
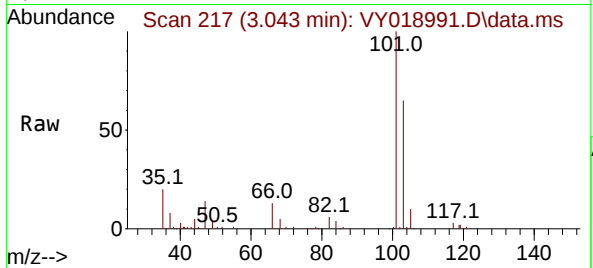




#7
 Trichlorofluoromethane
 Concen: 18.370 ug/l
 RT: 3.043 min Scan# 218
 Delta R.T. -0.006 min
 Lab File: VY018991.D
 Acq: 12 Aug 2024 10:44

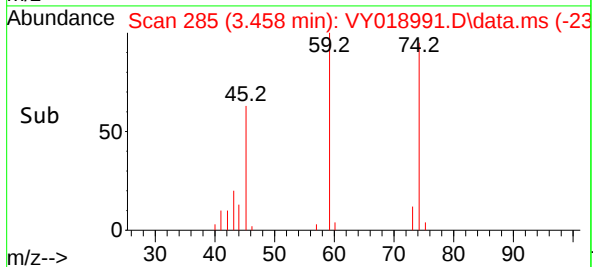
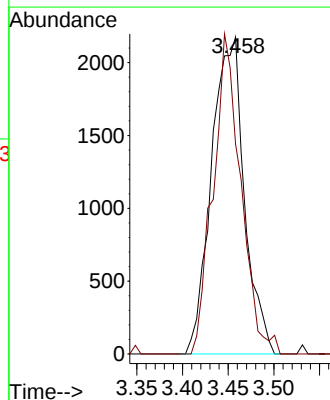
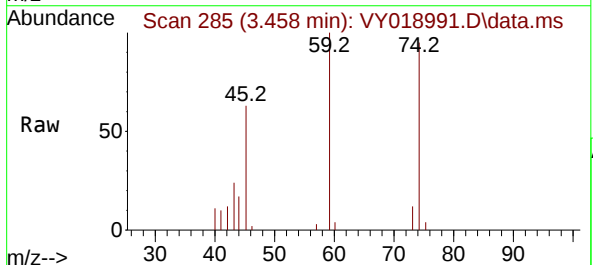
Instrument :
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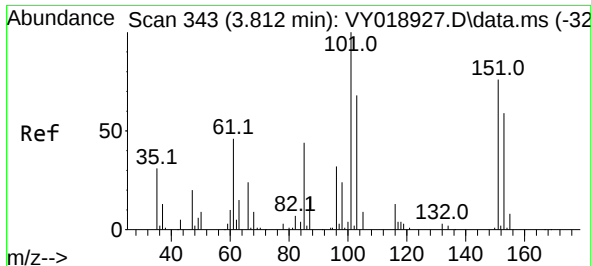
Tgt Ion:101 Resp: 35962
 Ion Ratio Lower Upper
 101 100
 103 65.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 17.994 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY018991.D
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Tgt Ion: 74 Resp: 5430
 Ion Ratio Lower Upper
 74 100
 45 85.5 41.3 124.1

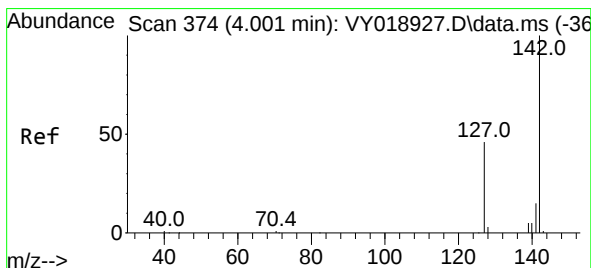
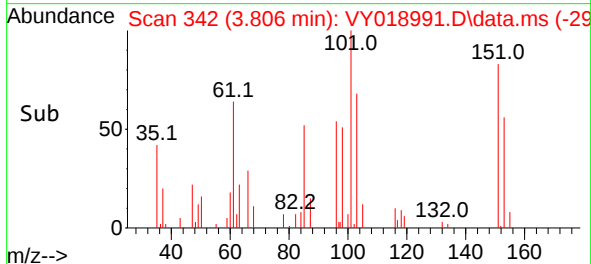
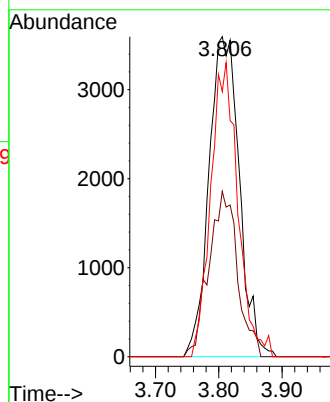
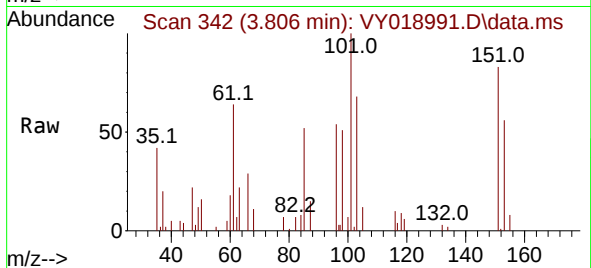




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.604 ug/l
RT: 3.806 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

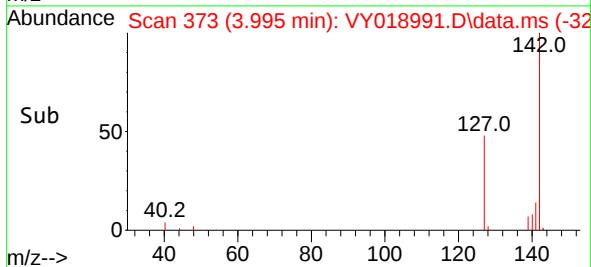
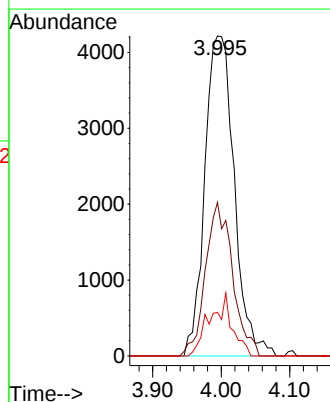
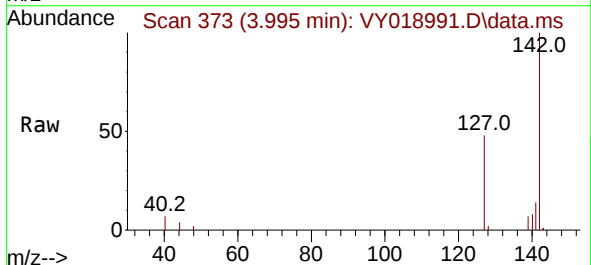
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

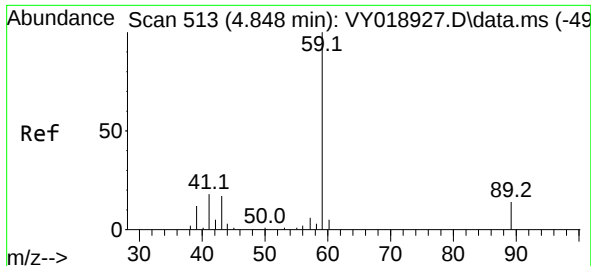
Tgt Ion:101 Resp: 11990
Ion Ratio Lower Upper
101 100
85 48.7 34.5 51.7
151 81.9 61.7 92.5



#10
Methyl Iodide
Concen: 19.041 ug/l
RT: 3.995 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion:142 Resp: 12575
Ion Ratio Lower Upper
142 100
127 44.1 32.8 49.2
141 14.8 11.4 17.2

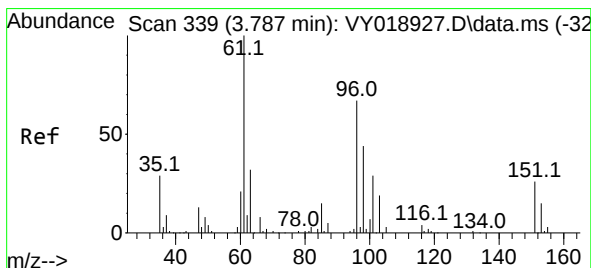
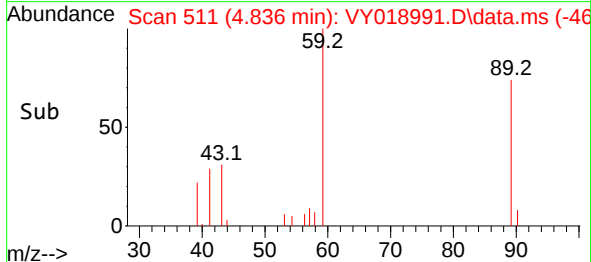
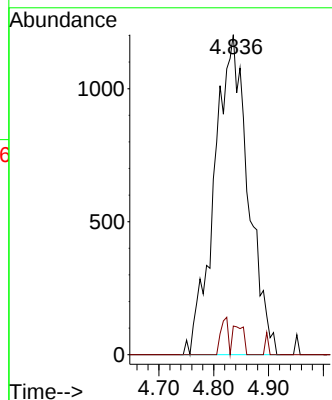
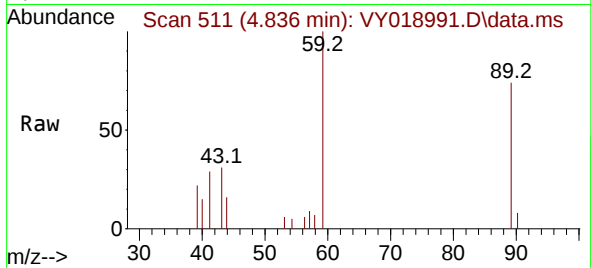




#11
Tert butyl alcohol
Concen: 68.456 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

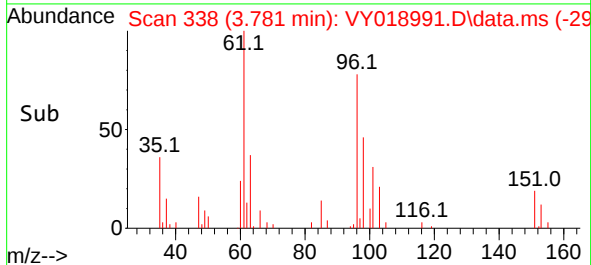
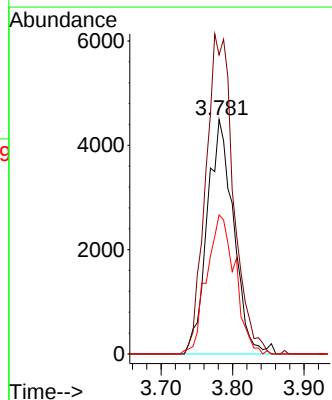
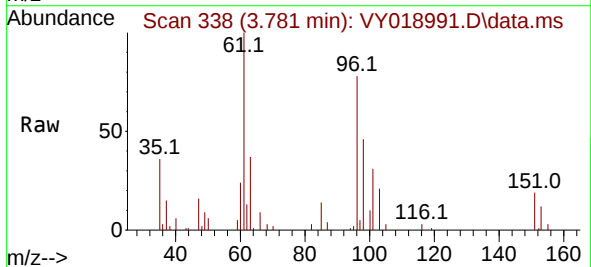
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

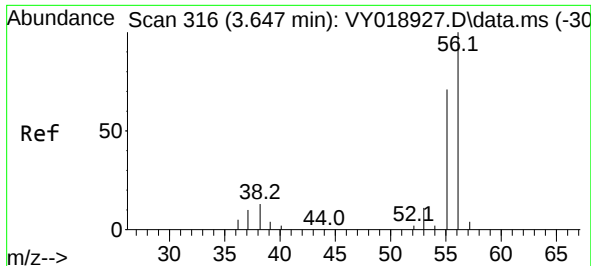
Tgt Ion: 59 Resp: 5149
Ion Ratio Lower Upper
59 100
57 3.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.004 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 96 Resp: 11558
Ion Ratio Lower Upper
96 100
61 127.5 114.6 171.8
98 59.3 50.8 76.2





#13

Acrolein

Concen: 90.362 ug/l

RT: 3.641 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

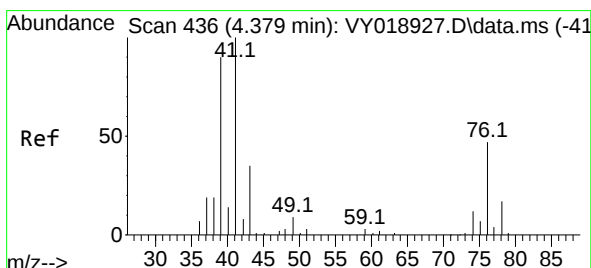
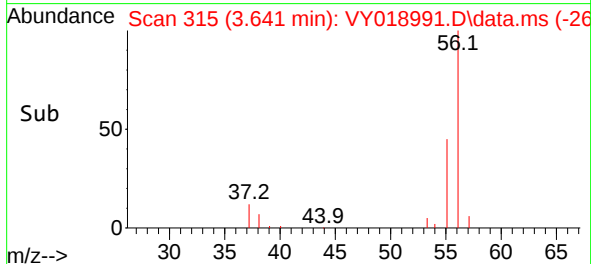
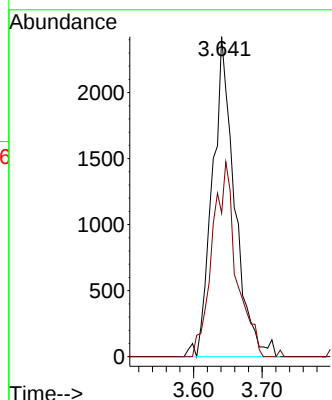
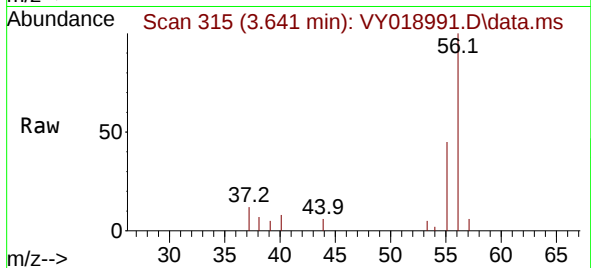
VY0812SBS01

Tgt Ion: 56 Resp: 5466

Ion Ratio Lower Upper

56 100

55 65.5 55.7 83.5



#14

Allyl chloride

Concen: 19.762 ug/l

RT: 4.373 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

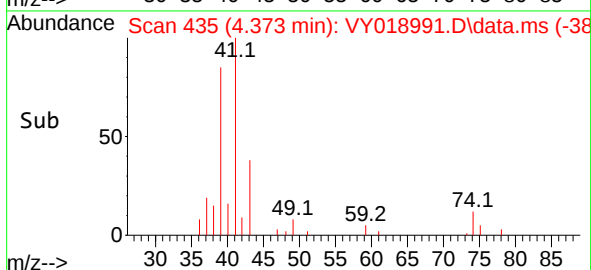
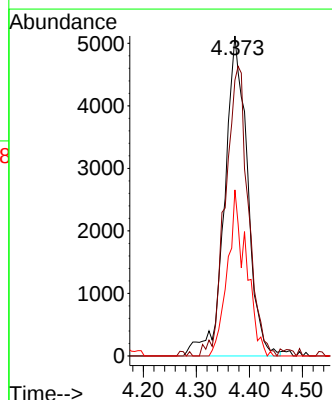
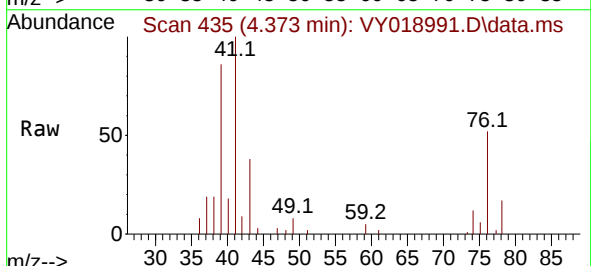
Tgt Ion: 41 Resp: 15271

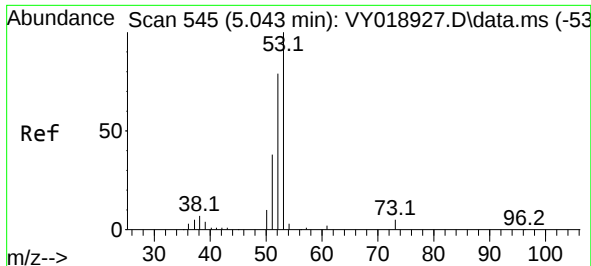
Ion Ratio Lower Upper

41 100

39 90.7 58.3 87.5#

76 42.9 39.0 58.6

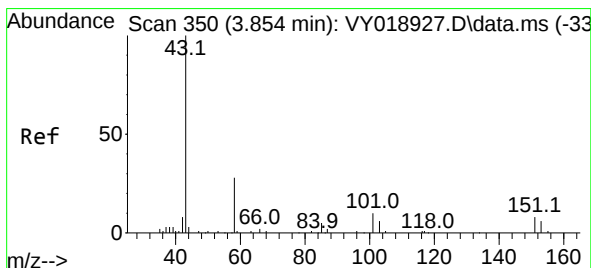
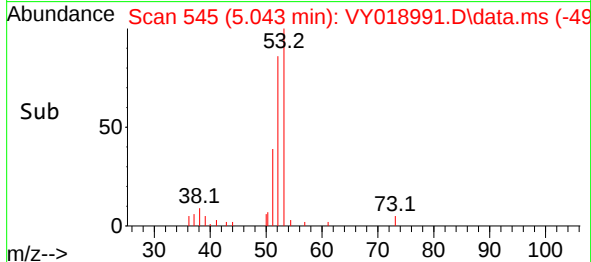
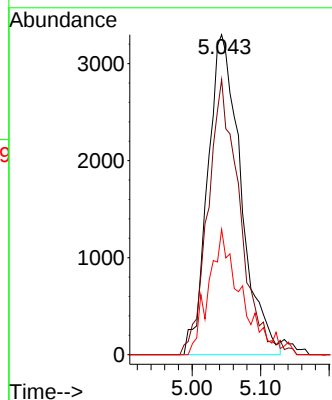
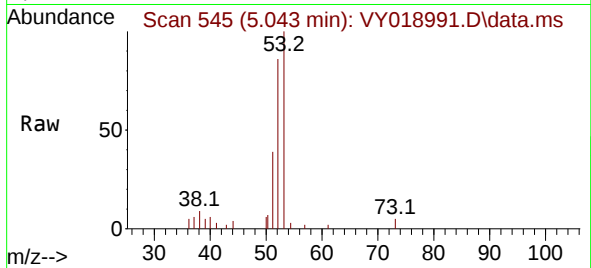




#15
Acrylonitrile
Concen: 93.514 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

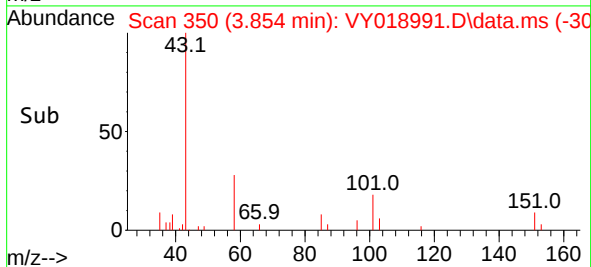
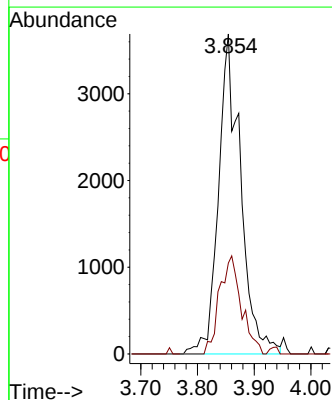
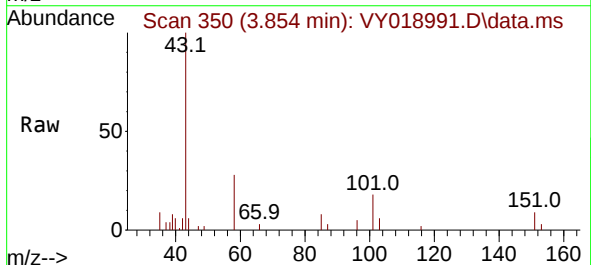
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

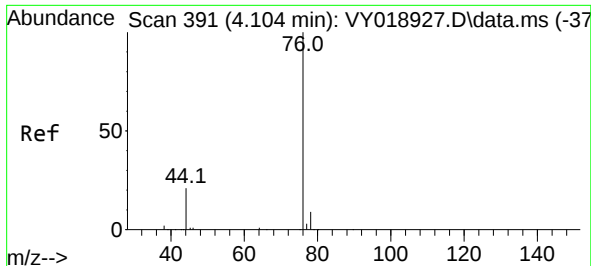
Tgt Ion:	53	Resp:	11063
Ion	Ratio	Lower	Upper
53	100		
52	82.5	64.7	97.1
51	37.2	28.4	42.6



#16
Acetone
Concen: 78.942 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion:	43	Resp:	9982
Ion	Ratio	Lower	Upper
43	100		
58	28.4	31.7	47.5#





#17

Carbon Disulfide

Concen: 19.456 ug/l

RT: 4.098 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

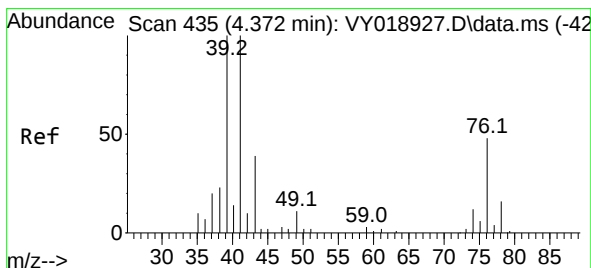
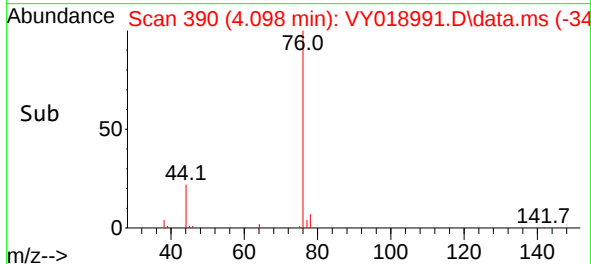
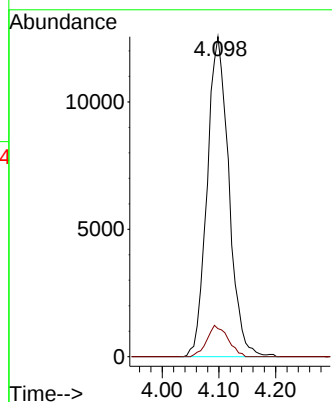
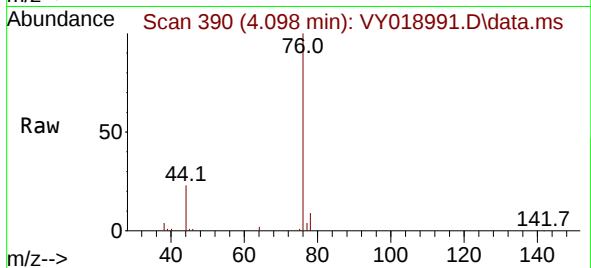
VY0812SBS01

Tgt Ion: 76 Resp: 33417

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2



#18

Methyl Acetate

Concen: 18.285 ug/l

RT: 4.373 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY018991.D

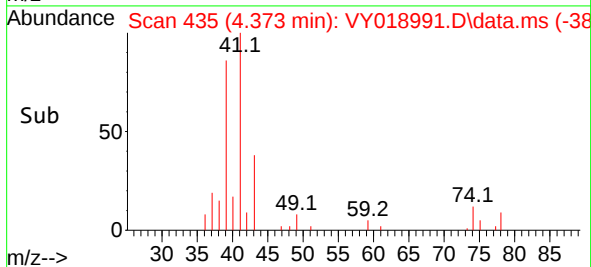
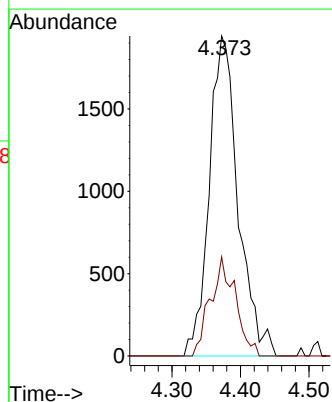
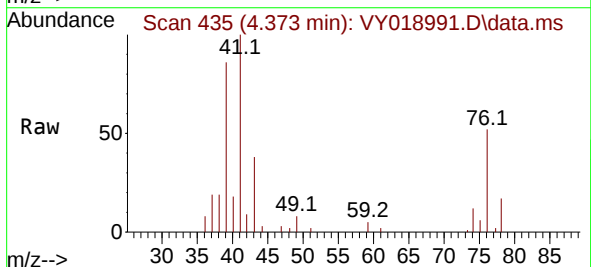
Acq: 12 Aug 2024 10:44

Tgt Ion: 43 Resp: 5690

Ion Ratio Lower Upper

43 100

74 26.9 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 17.601 ug/l

RT: 5.104 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

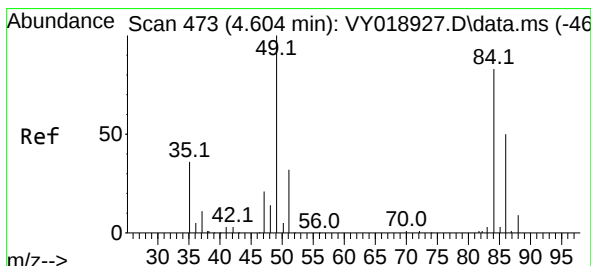
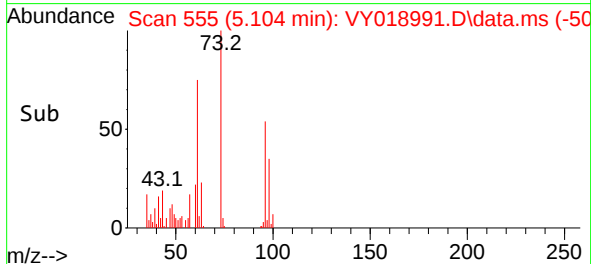
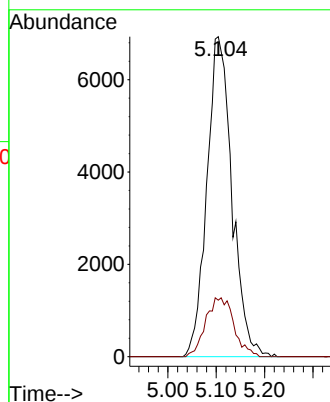
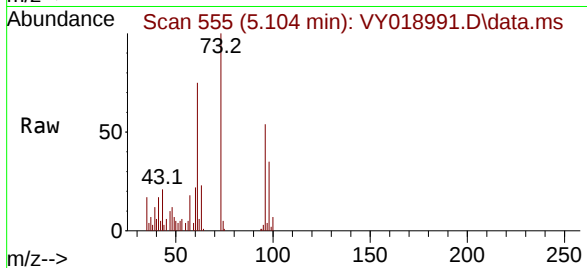
VY0812SBS01

Tgt Ion: 73 Resp: 25014

Ion Ratio Lower Upper

73 100

57 17.6 17.3 25.9



#20

Methylene Chloride

Concen: 16.522 ug/l

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Tgt Ion: 84 Resp: 13366

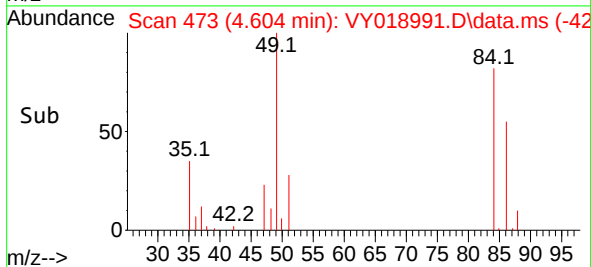
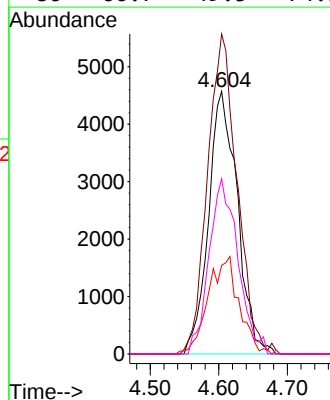
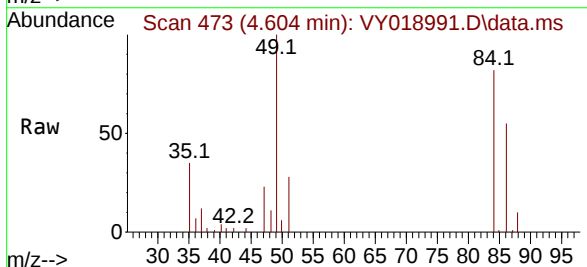
Ion Ratio Lower Upper

84 100

49 121.9 84.4 126.6

51 33.8 26.0 39.0

86 66.7 49.5 74.3

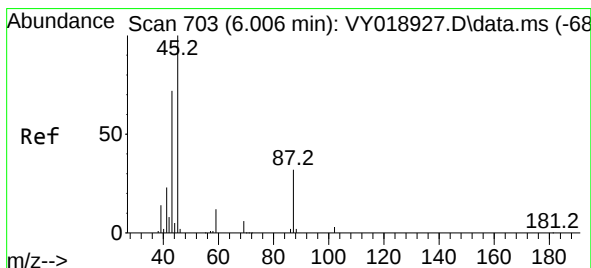
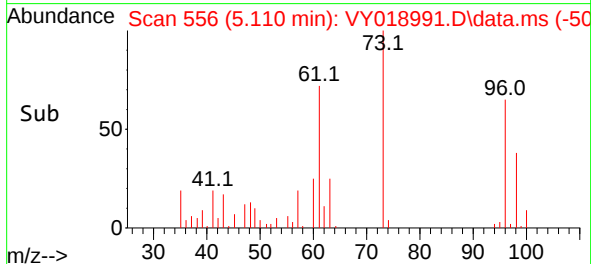
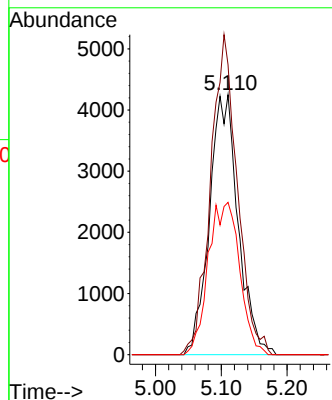
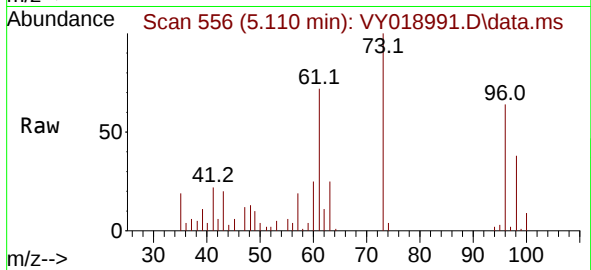




#21
trans-1,2-Dichloroethene
Concen: 20.213 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

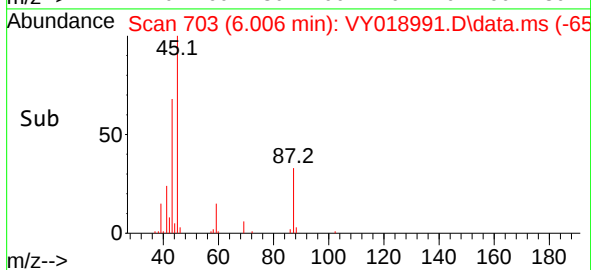
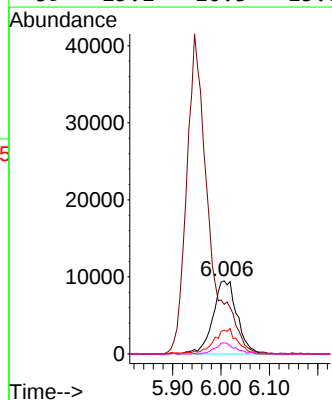
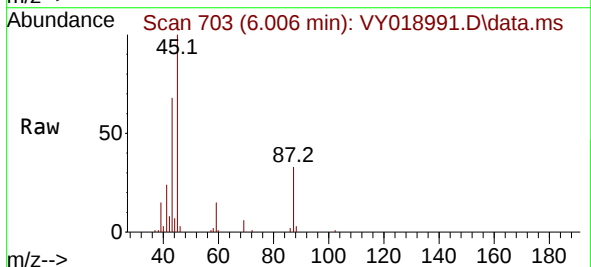
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

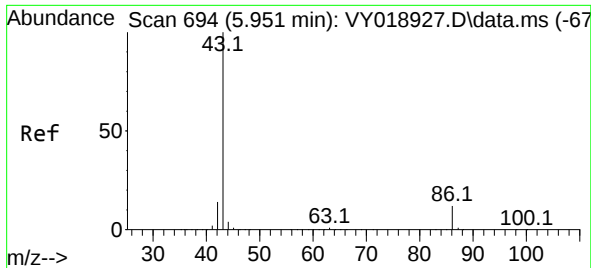
Tgt Ion: 96 Resp: 12922
Ion Ratio Lower Upper
96 100
61 111.6 97.5 146.3
98 58.6 50.5 75.7



#22
Diisopropyl ether
Concen: 19.492 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 45 Resp: 32837
Ion Ratio Lower Upper
45 100
43 66.8 42.2 63.2#
87 32.6 25.0 37.6
59 15.1 10.5 15.7

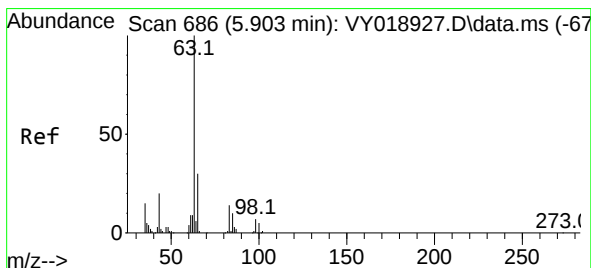
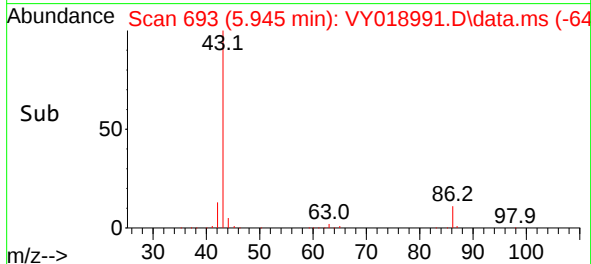
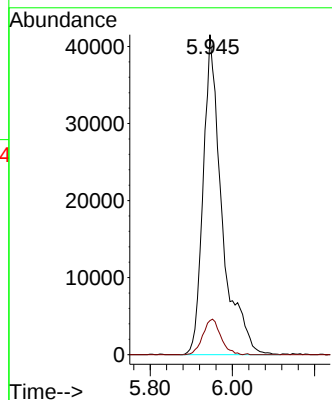
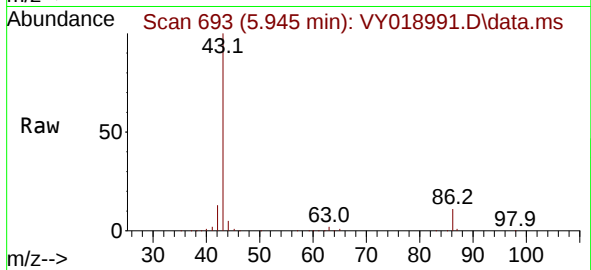




#23
 Vinyl Acetate
 Concen: 90.652 ug/l
 RT: 5.945 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY018991.D
 Acq: 12 Aug 2024 10:44

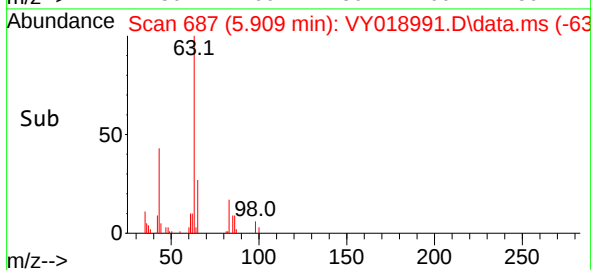
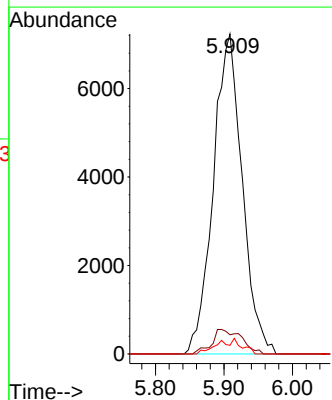
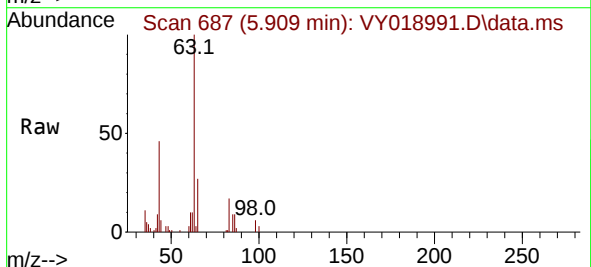
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBS01

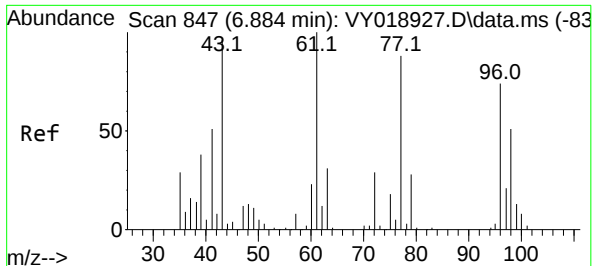
Tgt Ion: 43 Resp: 131795
 Ion Ratio Lower Upper
 43 100
 86 10.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.508 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY018991.D
 Acq: 12 Aug 2024 10:44

Tgt Ion: 63 Resp: 21194
 Ion Ratio Lower Upper
 63 100
 98 6.0 4.0 12.2
 100 2.7 2.6 8.0

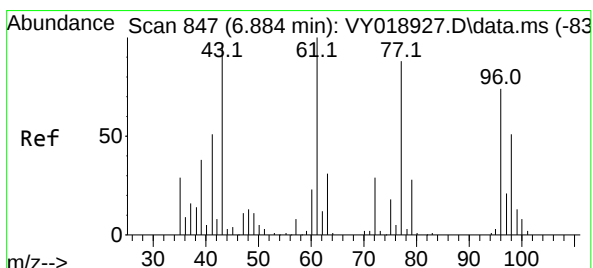
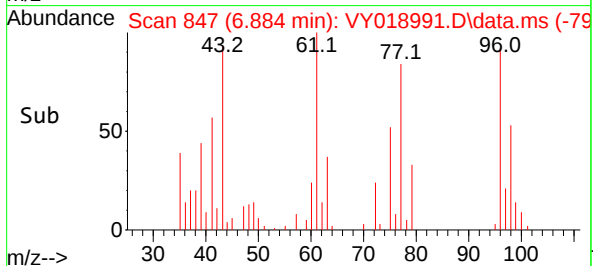
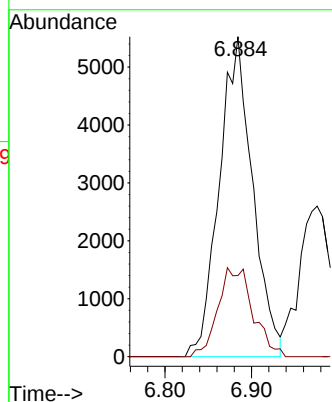
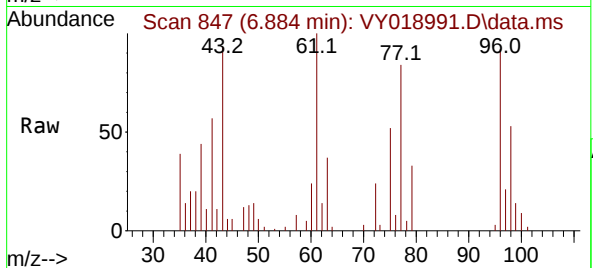




#25
2-Butanone
Concen: 81.506 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

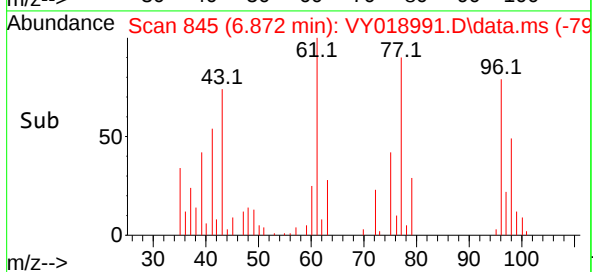
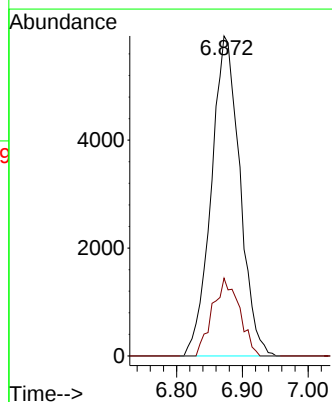
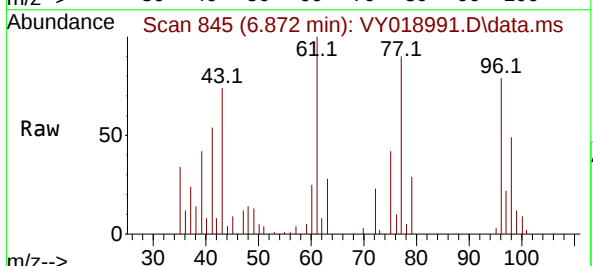
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

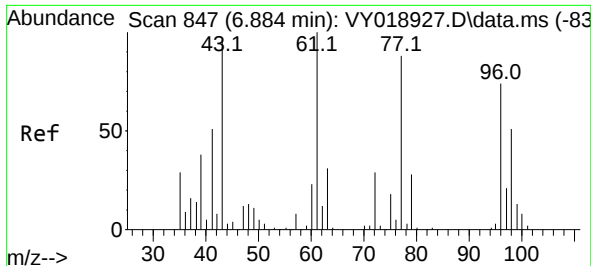
Tgt Ion: 43 Resp: 14775
Ion Ratio Lower Upper
43 100
72 25.4 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 18.438 ug/l
RT: 6.872 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 77 Resp: 17934
Ion Ratio Lower Upper
77 100
97 22.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.490 ug/l

RT: 6.878 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

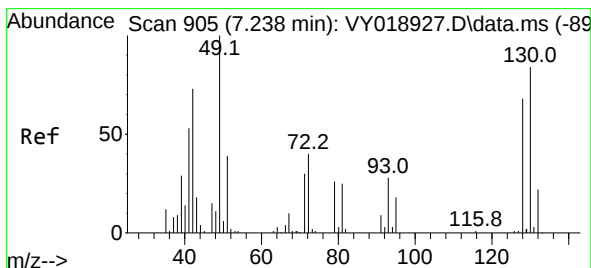
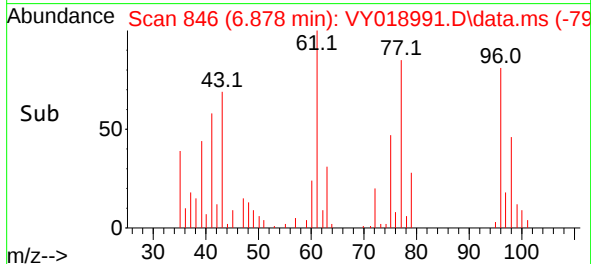
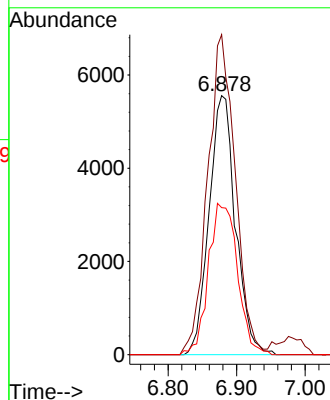
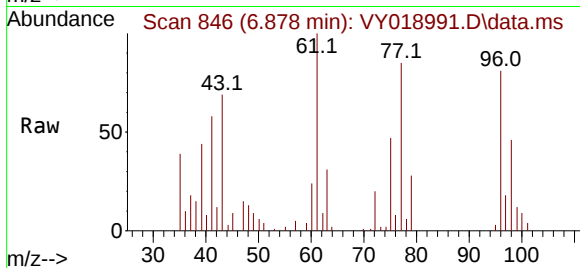
Tgt Ion: 96 Resp: 14908

Ion Ratio Lower Upper

96 100

61 128.4 0.0 256.2

98 64.1 0.0 130.0



#28

Bromochloromethane

Concen: 19.681 ug/l

RT: 7.232 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

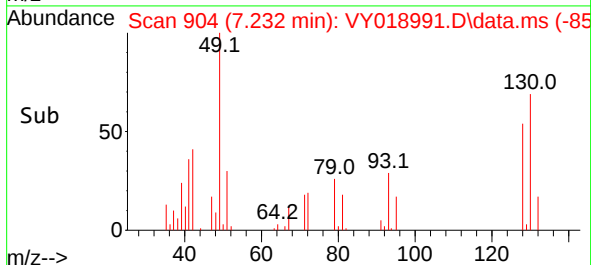
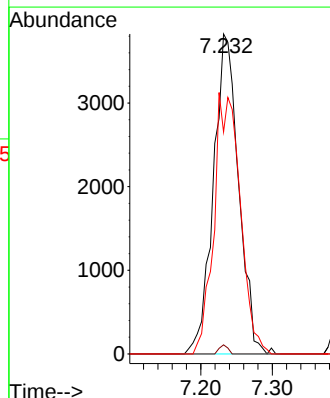
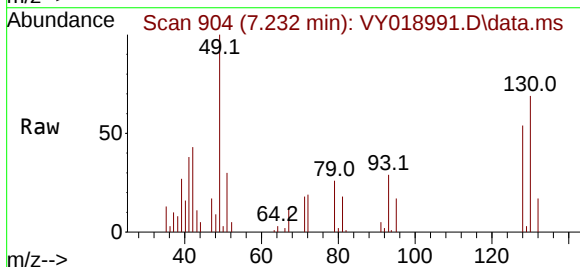
Tgt Ion: 49 Resp: 9364

Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.6

130 85.1 72.7 109.1

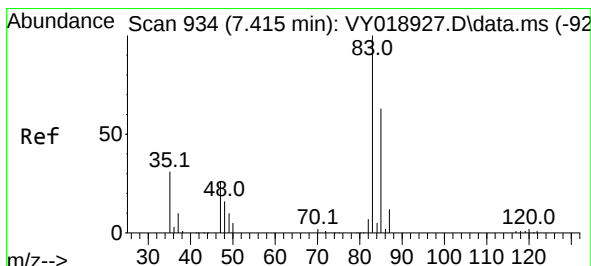
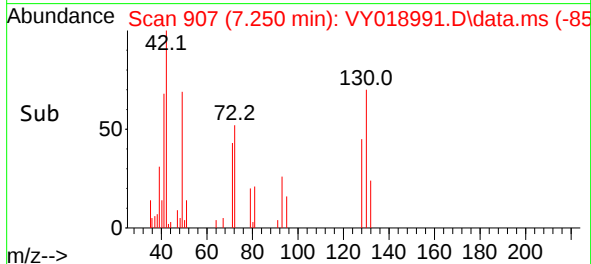
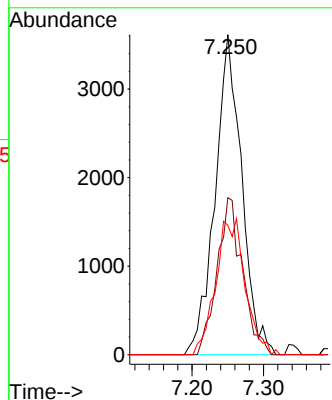
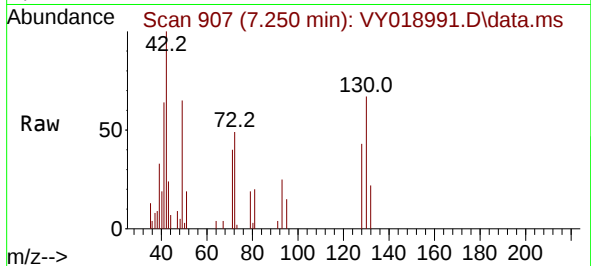




#29
Tetrahydrofuran
Concen: 87.530 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

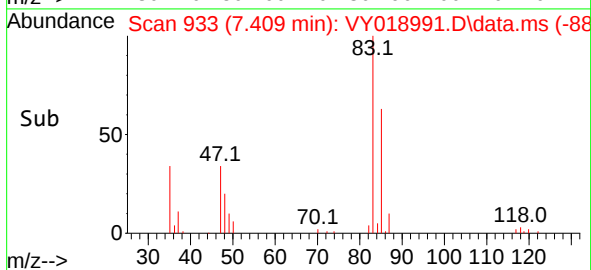
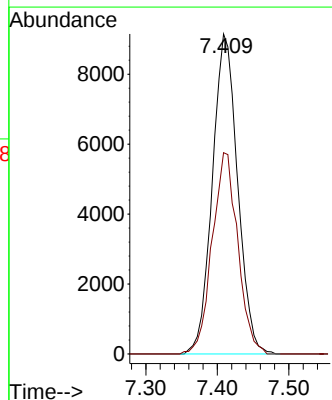
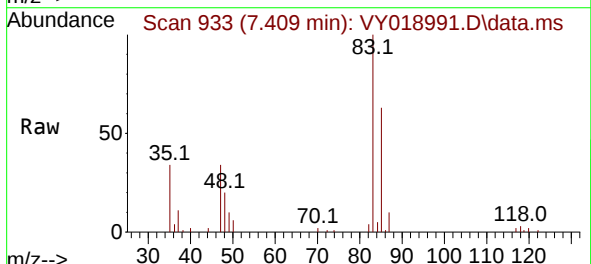
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

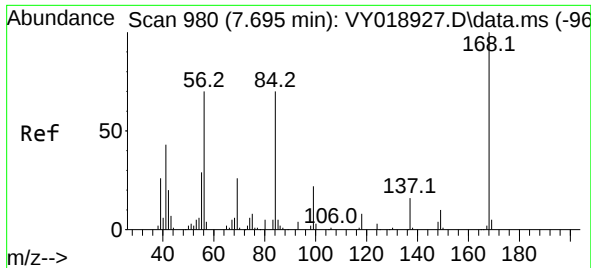
Tgt Ion: 42 Resp: 9356
Ion Ratio Lower Upper
42 100
72 46.8 43.0 64.4
71 46.9 40.8 61.2



#30
Chloroform
Concen: 20.270 ug/l
RT: 7.409 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 83 Resp: 22409
Ion Ratio Lower Upper
83 100
85 62.9 52.2 78.4

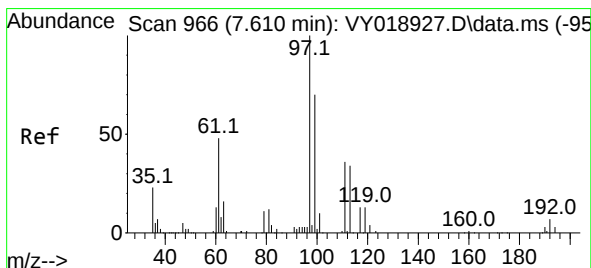
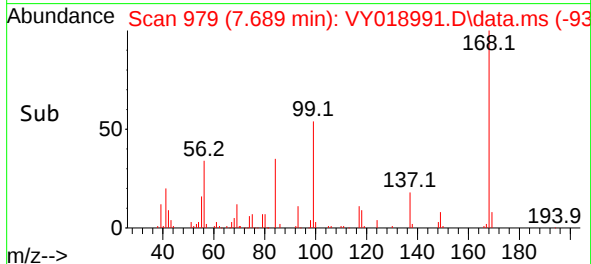
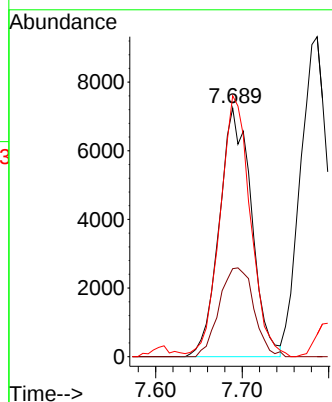
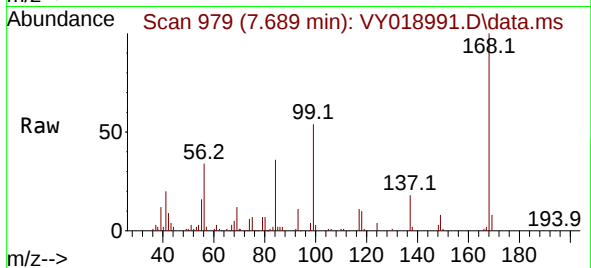




#31
Cyclohexane
Concen: 18.970 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

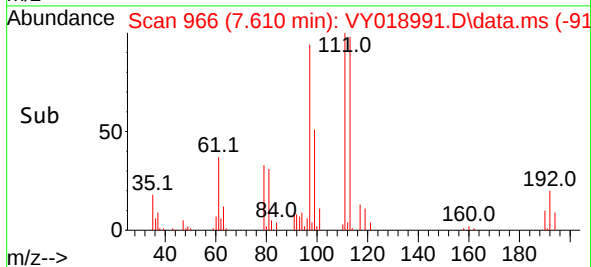
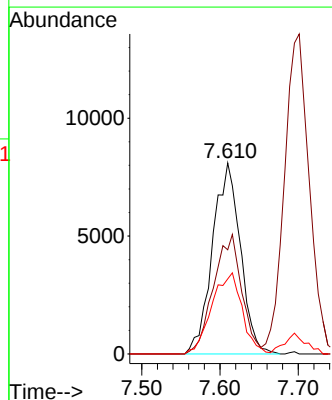
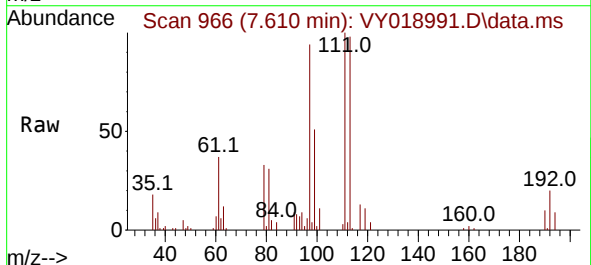
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

Tgt Ion: 56 Resp: 18662
Ion Ratio Lower Upper
56 100
69 35.4 28.7 43.1
84 103.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.045 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 97 Resp: 20031
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 46.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.202 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

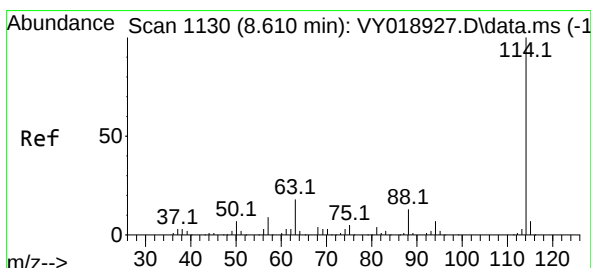
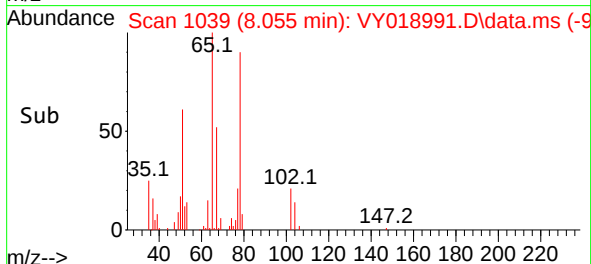
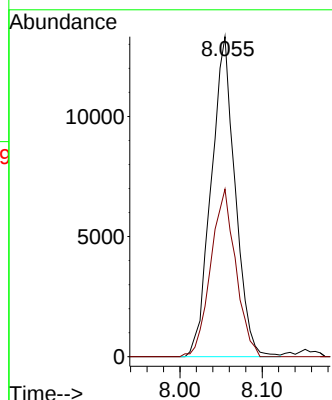
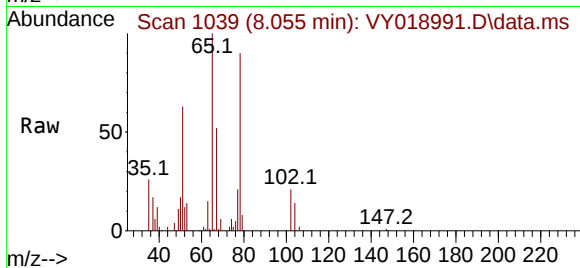
VY0812SBS01

Tgt Ion: 65 Resp: 26987

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

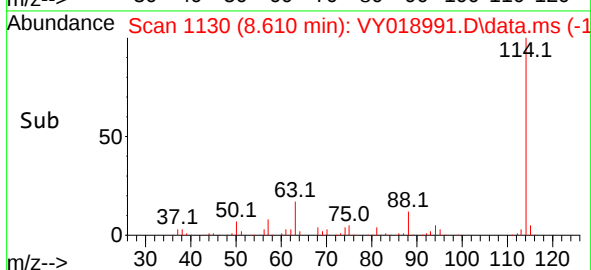
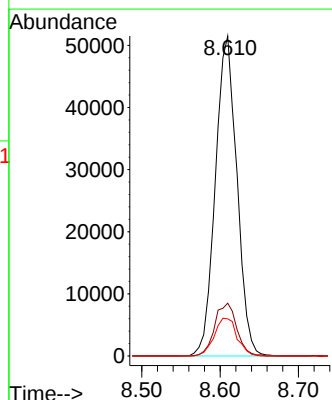
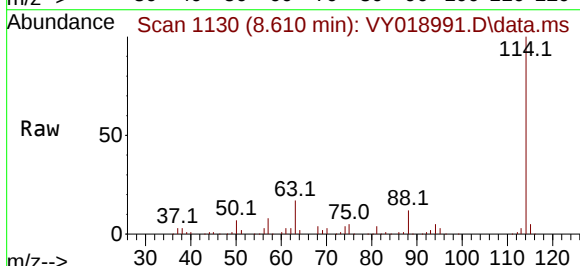
Tgt Ion: 114 Resp: 98345

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 11.6 0.0 27.2

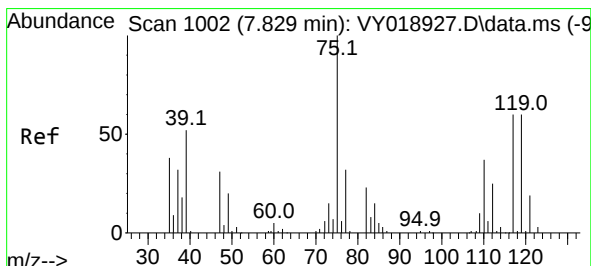
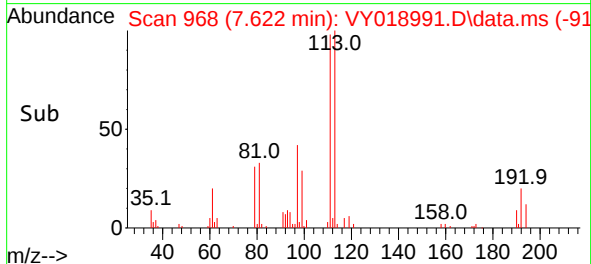
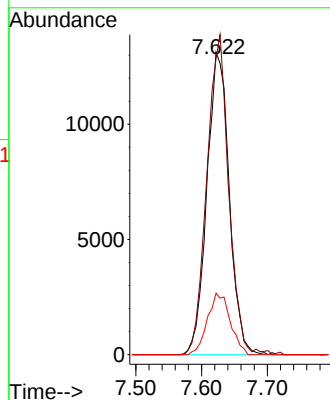
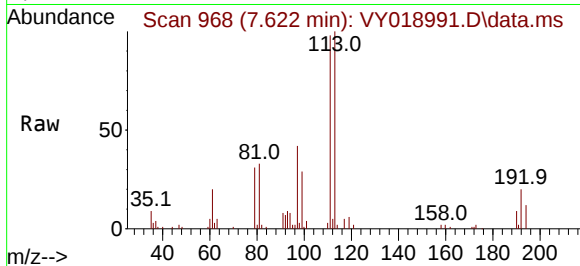




#35
Dibromofluoromethane
Concen: 49.355 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

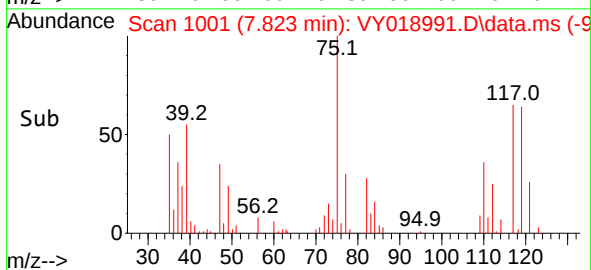
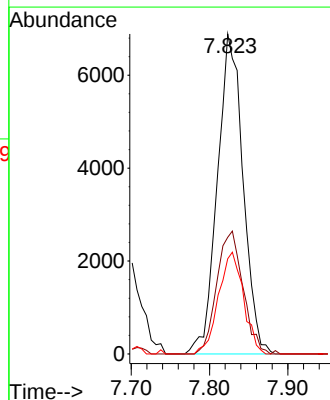
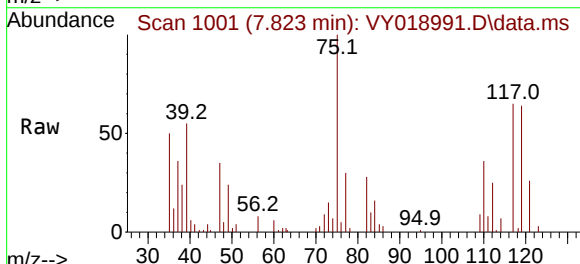
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

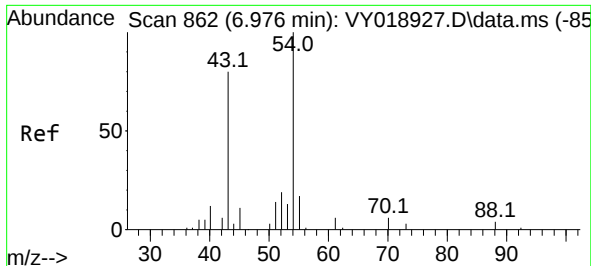
Tgt Ion:113 Resp: 31001
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.604 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 75 Resp: 15686
Ion Ratio Lower Upper
75 100
110 39.3 19.0 57.0
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 18.831 ug/l

RT: 6.976 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

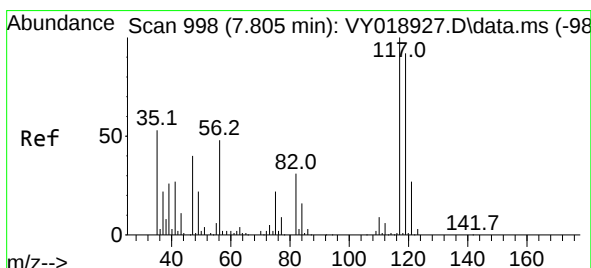
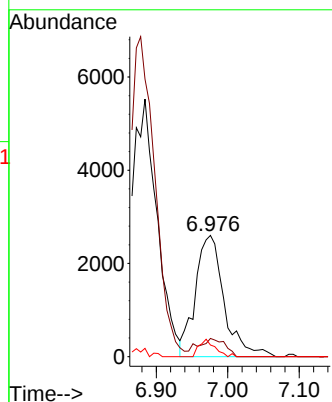
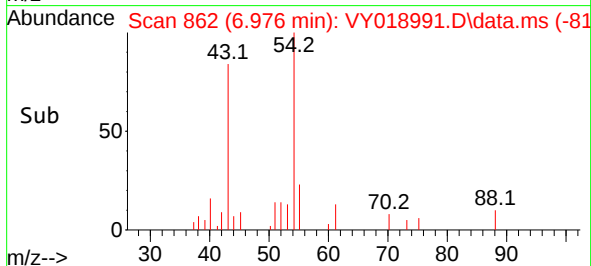
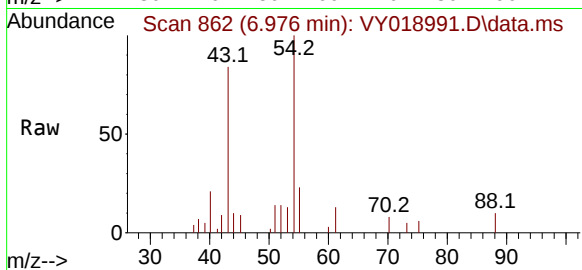
Tgt Ion: 43 Resp: 7257

Ion Ratio Lower Upper

43 100

61 14.3 12.6 19.0

70 8.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.888 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

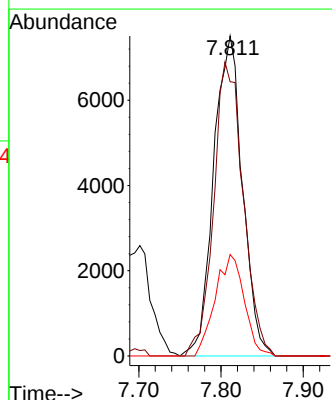
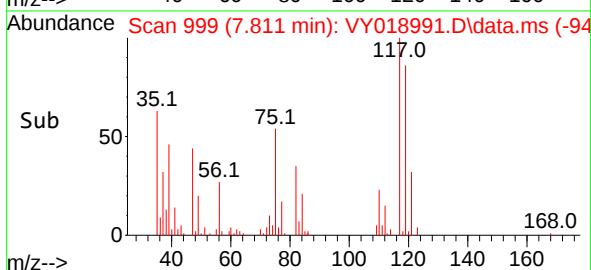
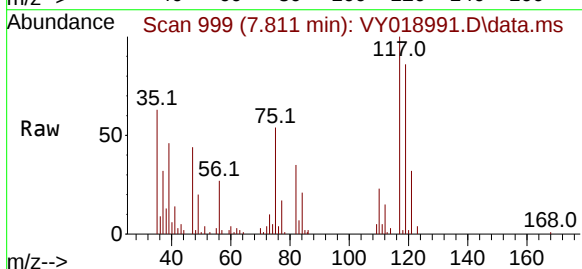
Tgt Ion: 117 Resp: 18260

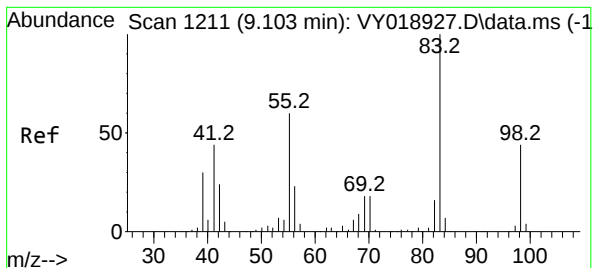
Ion Ratio Lower Upper

117 100

119 85.7 75.8 113.6

121 31.7 24.0 36.0





#39

Methylcyclohexane

Concen: 17.825 ug/l

RT: 9.097 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

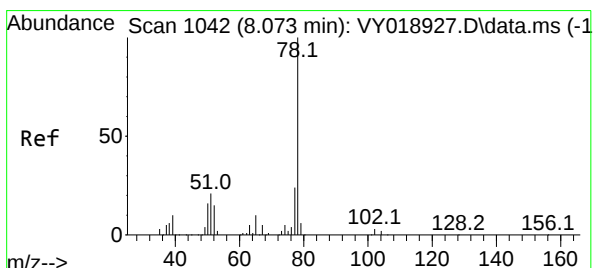
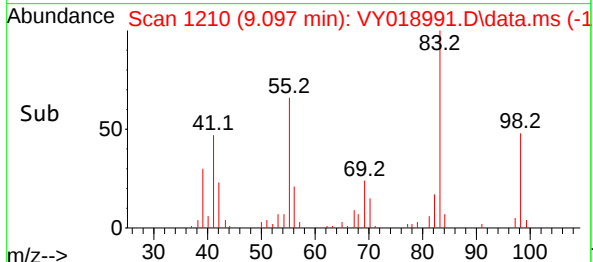
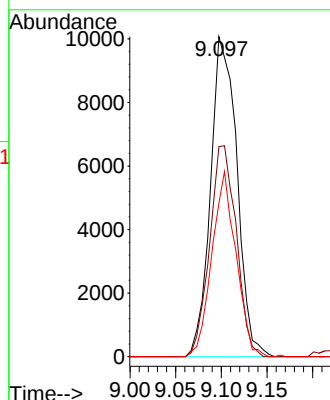
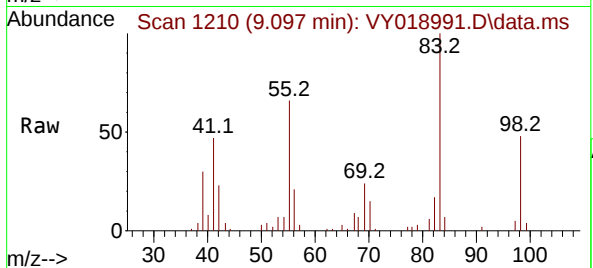
Tgt Ion: 83 Resp: 20230

Ion Ratio Lower Upper

83 100

55 65.6 51.5 77.3

98 48.0 40.5 60.7



#40

Benzene

Concen: 19.727 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY018991.D

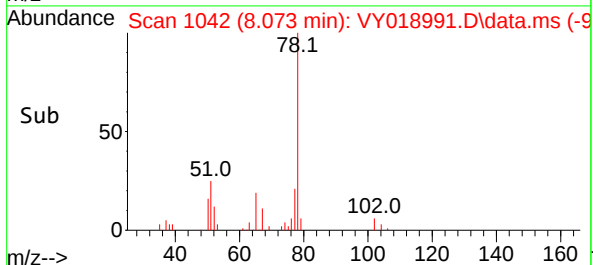
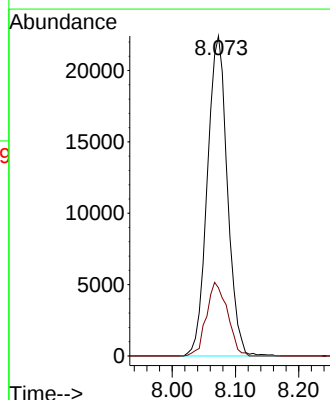
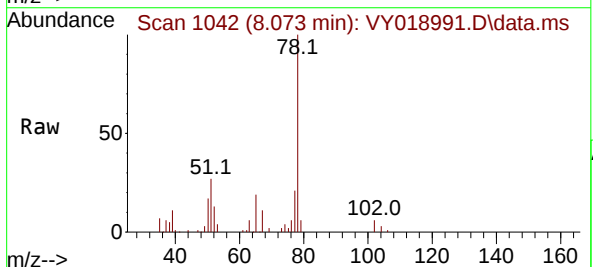
Acq: 12 Aug 2024 10:44

Tgt Ion: 78 Resp: 49454

Ion Ratio Lower Upper

78 100

77 21.3 19.5 29.3

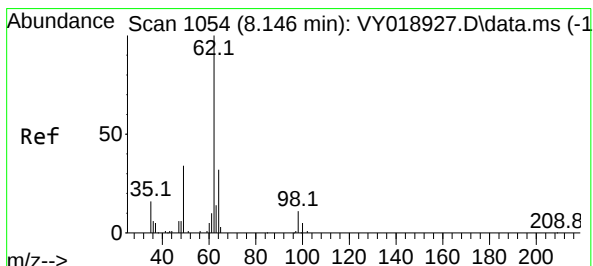
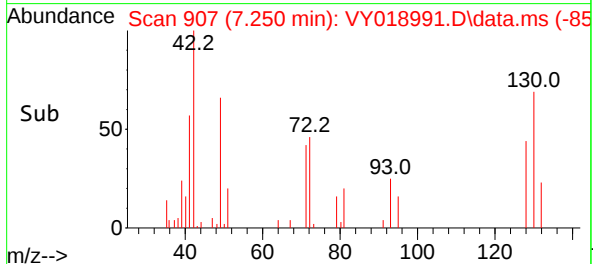
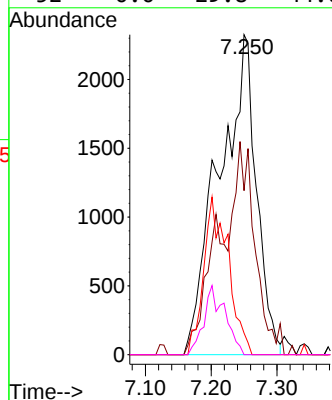
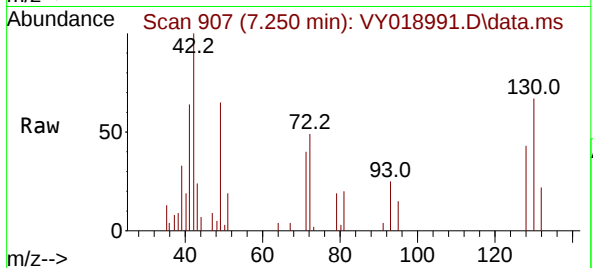




#41
Methacrylonitrile
Concen: 53.060 ug/l
RT: 7.250 min Scan# 902
Delta R.T. 0.031 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

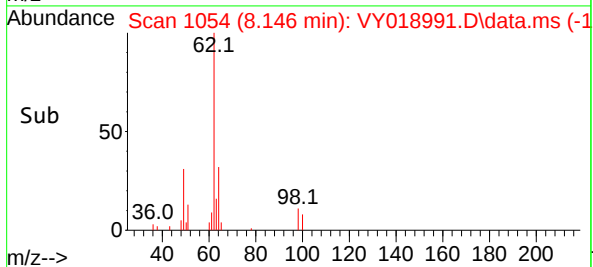
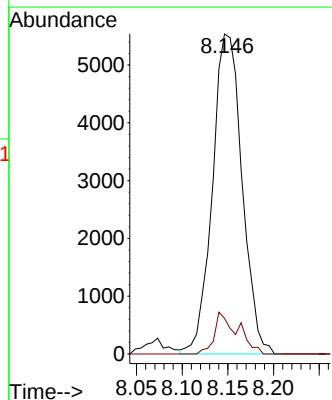
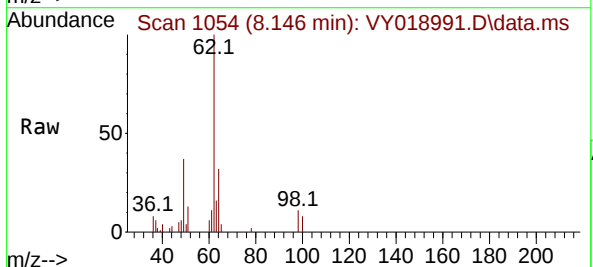
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

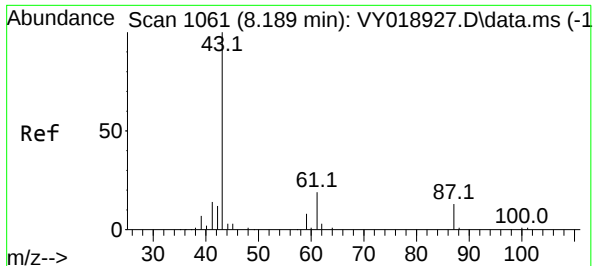
Tgt Ion: 41 Resp: 9131
Ion Ratio Lower Upper
41 100
39 38.4 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.044 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 62 Resp: 12509
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.0

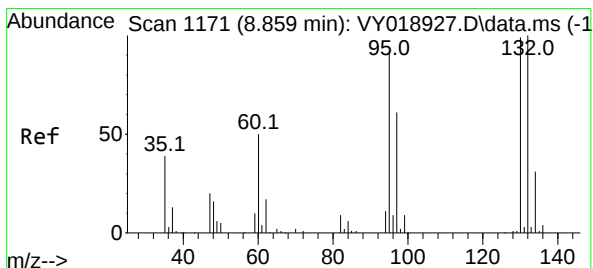
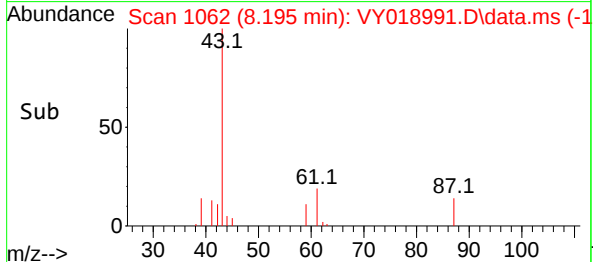
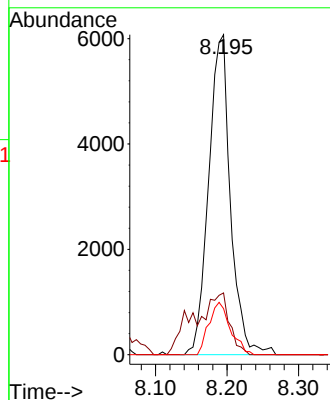
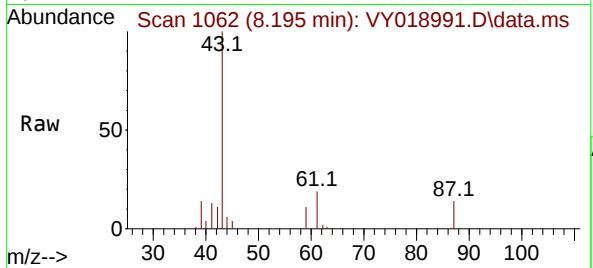




#43
Isopropyl Acetate
Concen: 16.412 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

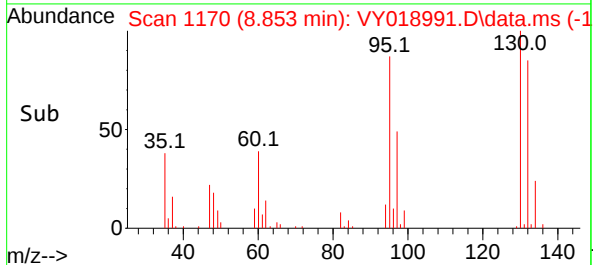
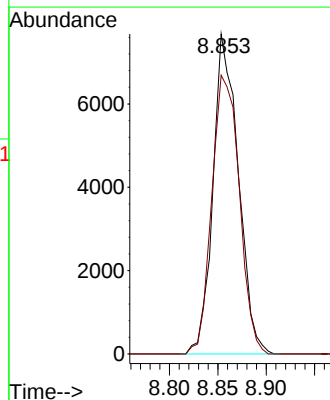
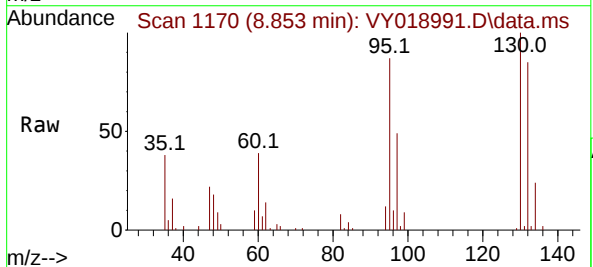
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

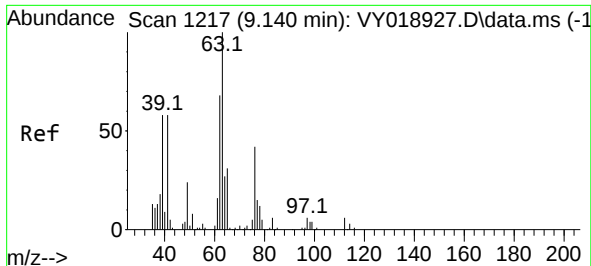
Tgt Ion: 43 Resp: 12863
Ion Ratio Lower Upper
43 100
61 20.8 27.9 41.9#
87 16.2 13.1 19.7



#44
Trichloroethene
Concen: 19.539 ug/l
RT: 8.853 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion:130 Resp: 13962
Ion Ratio Lower Upper
130 100
95 87.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 17.775 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

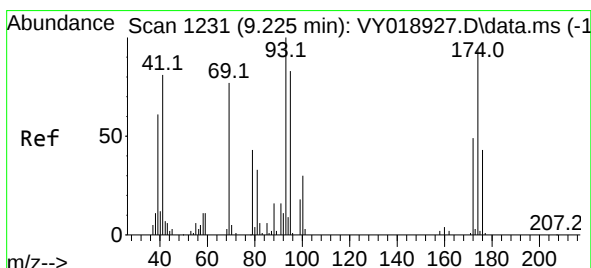
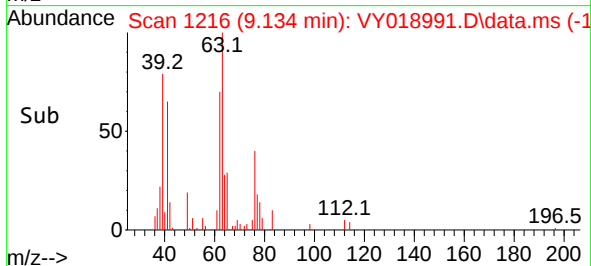
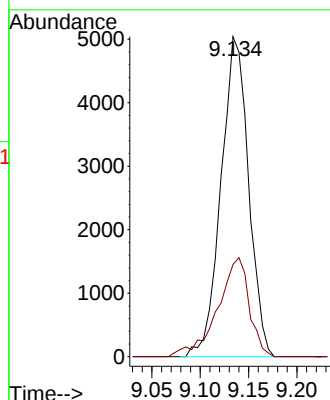
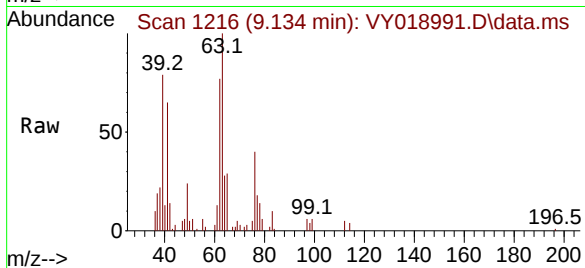
VY0812SBS01

Tgt Ion: 63 Resp: 9971

Ion Ratio Lower Upper

63 100

65 28.8 25.4 38.2



#46

Dibromomethane

Concen: 19.363 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

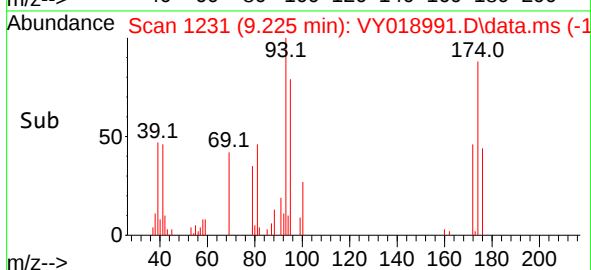
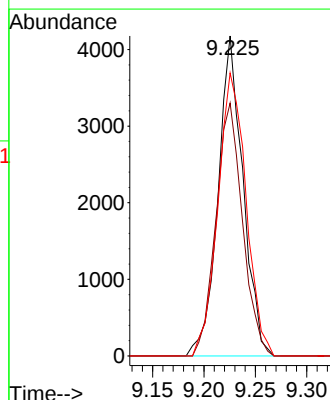
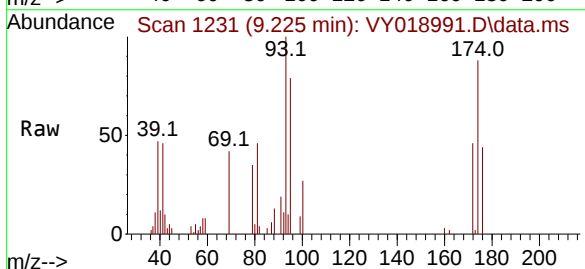
Tgt Ion: 93 Resp: 7018

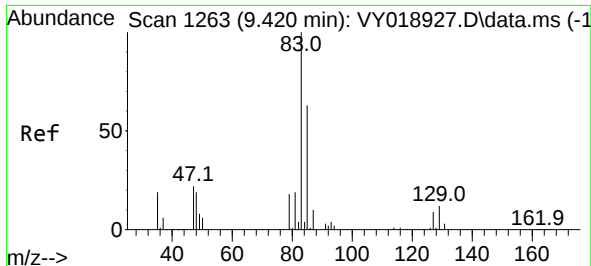
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 100.2 80.9 121.3





#47

Bromodichloromethane

Concen: 19.479 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

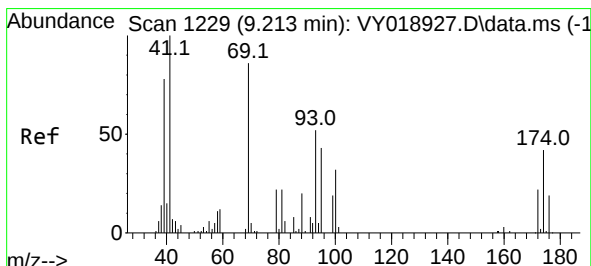
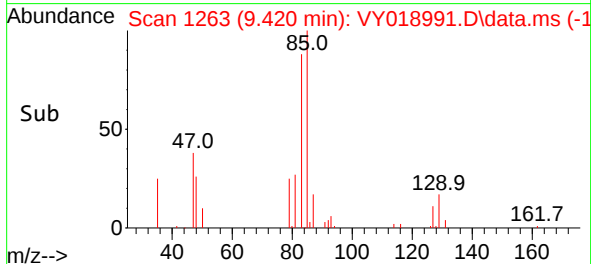
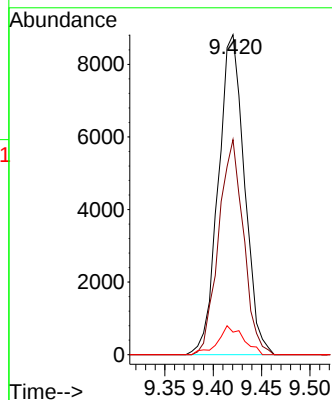
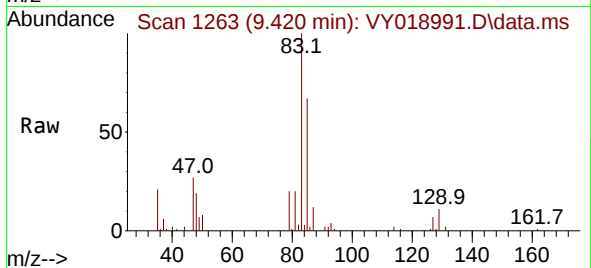
Tgt Ion: 83 Resp: 16522

Ion Ratio Lower Upper

83 100

85 67.2 50.1 75.1

127 7.1 7.4 11.0#



#48

Methyl methacrylate

Concen: 16.732 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

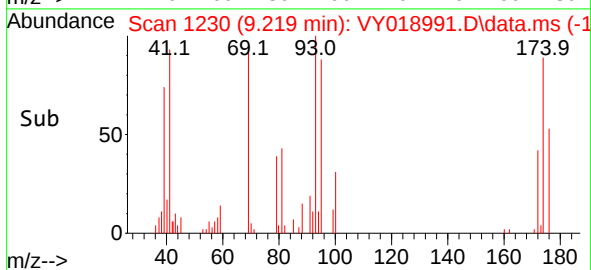
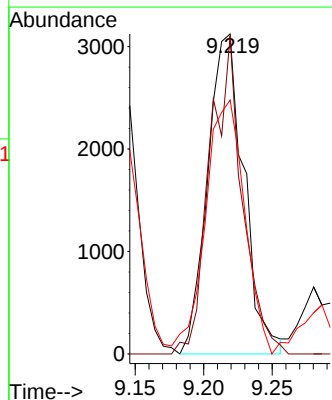
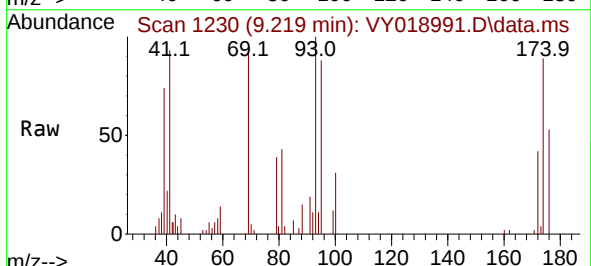
Tgt Ion: 41 Resp: 5729

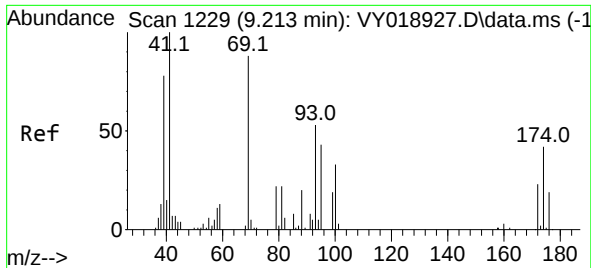
Ion Ratio Lower Upper

41 100

69 89.3 84.1 126.1

39 85.5 43.6 65.4#





#49

1,4-Dioxane

Concen: 309.193 ug/l

RT: 9.213 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

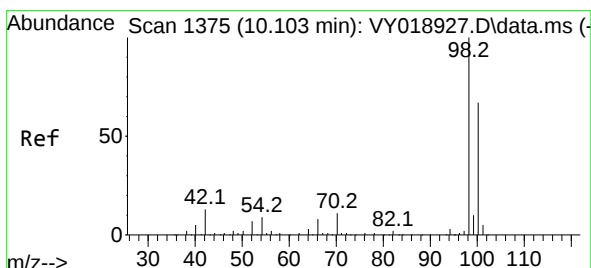
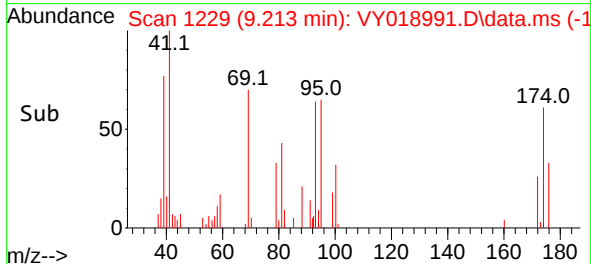
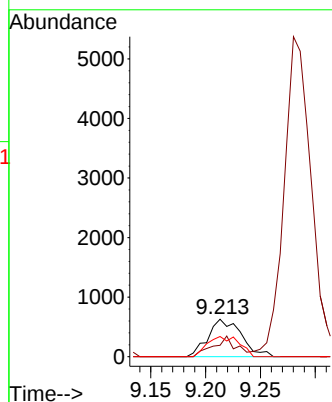
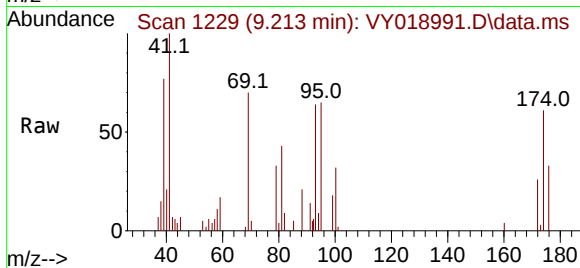
Tgt Ion: 88 Resp: 1324

Ion Ratio Lower Upper

88 100

43 36.9 0.0 0.0#

58 52.0 49.3 73.9



#50

Toluene-d8

Concen: 49.216 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY018991.D

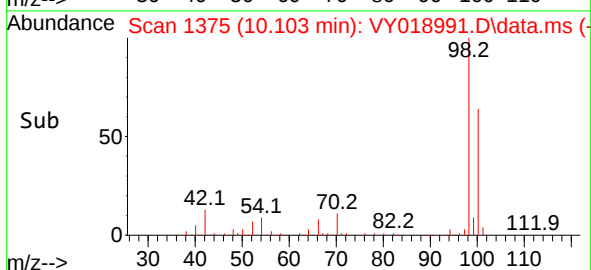
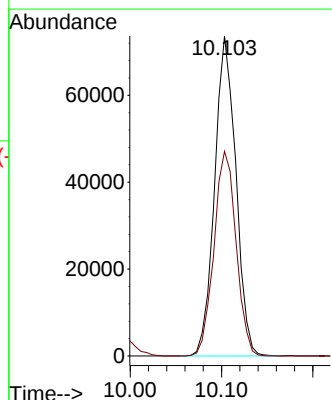
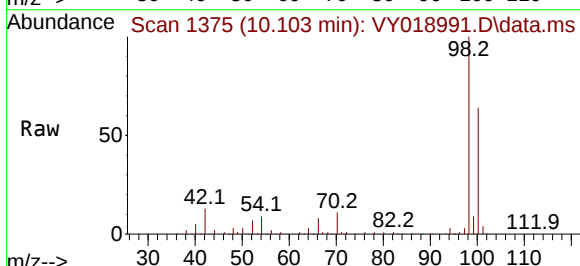
Acq: 12 Aug 2024 10:44

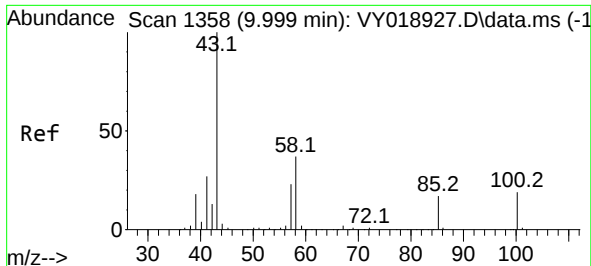
Tgt Ion: 98 Resp: 118740

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0

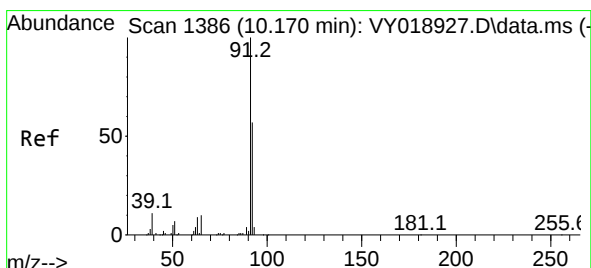
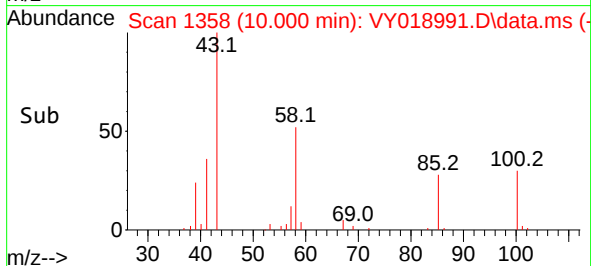
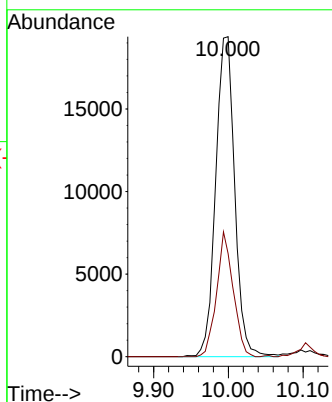
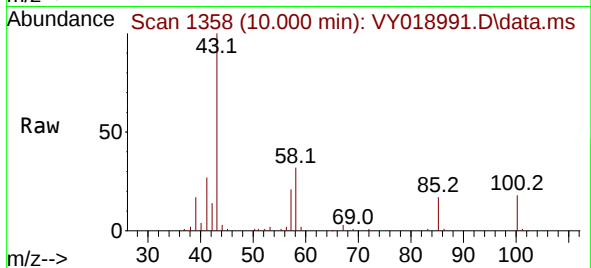




#51
4-Methyl-2-Pentanone
Concen: 84.761 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

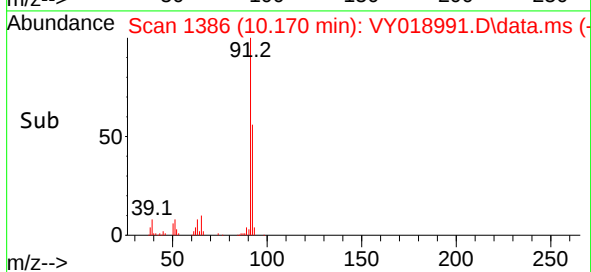
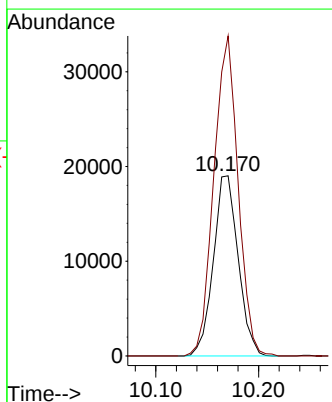
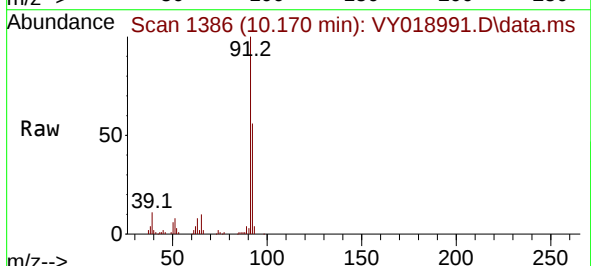
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

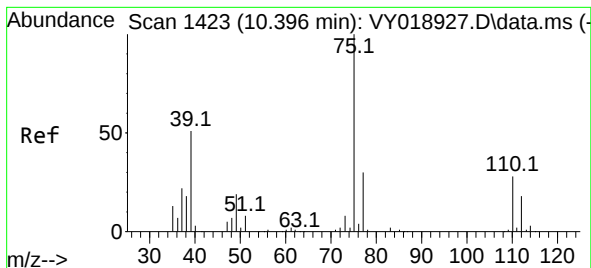
Tgt Ion: 43 Resp: 34261
Ion Ratio Lower Upper
43 100
58 34.0 35.7 53.5#



#52
Toluene
Concen: 19.151 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 92 Resp: 31891
Ion Ratio Lower Upper
92 100
91 173.3 139.0 208.6

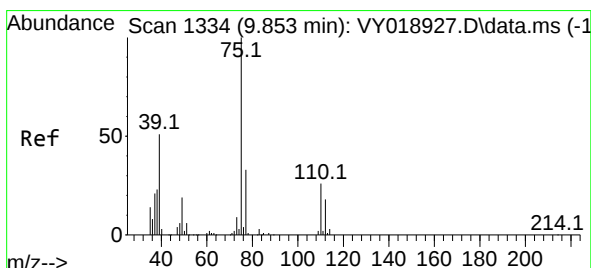
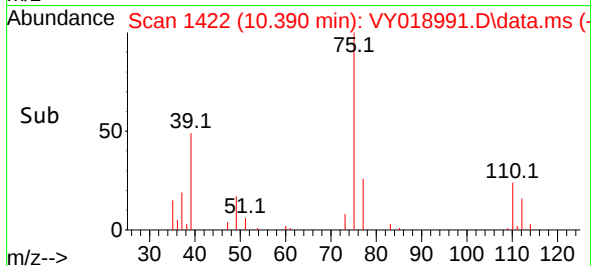
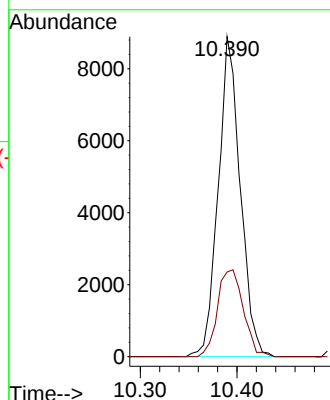
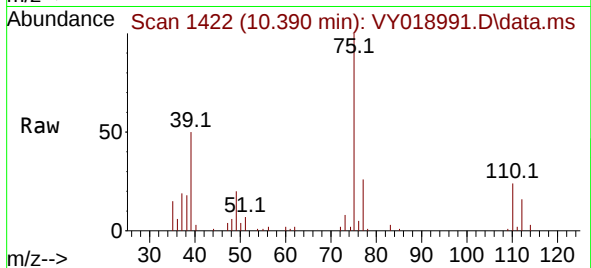




#53
 t-1,3-Dichloropropene
 Concen: 18.591 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY018991.D
 Acq: 12 Aug 2024 10:44

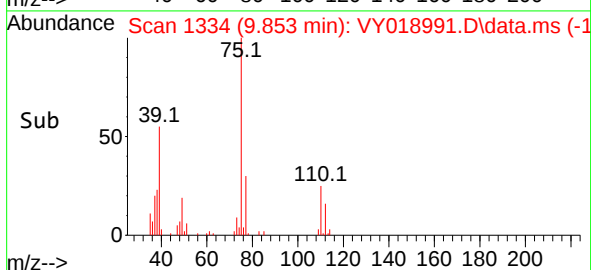
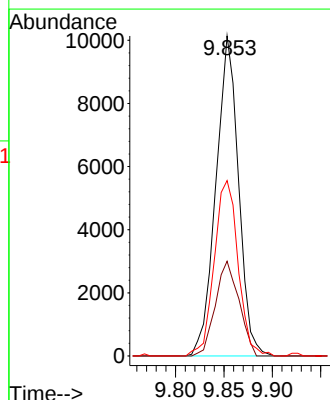
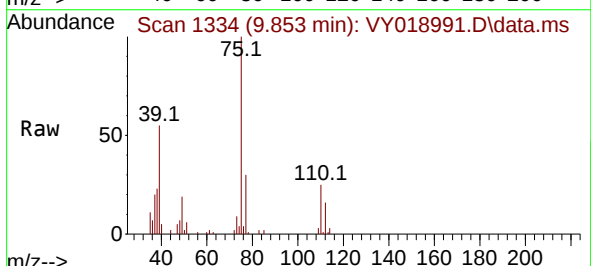
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBS01

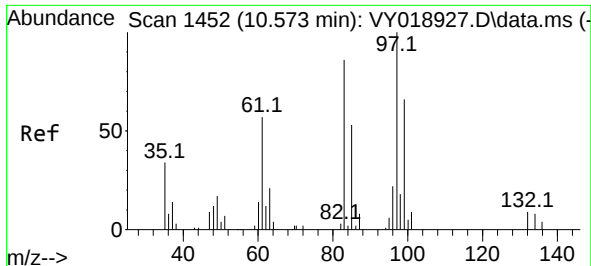
Tgt Ion: 75 Resp: 14062
 Ion Ratio Lower Upper
 75 100
 77 26.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 18.332 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY018991.D
 Acq: 12 Aug 2024 10:44

Tgt Ion: 75 Resp: 16471
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.4 38.0
 39 54.8 29.8 44.6#

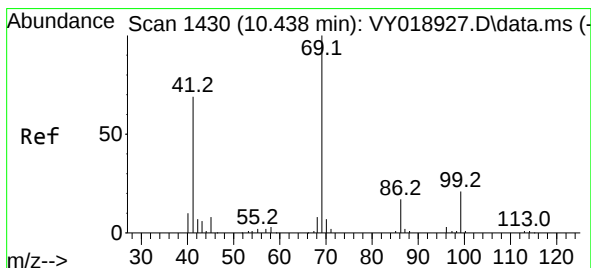
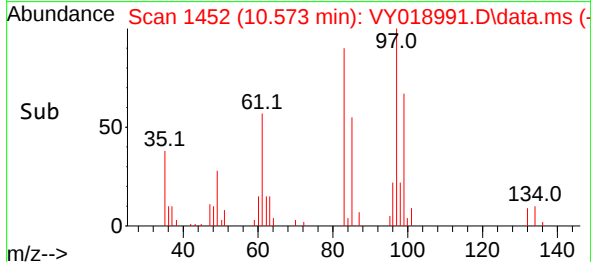
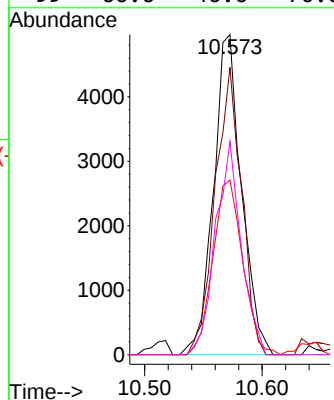
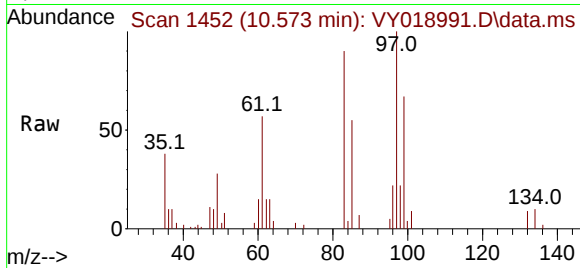




#55
1,1,2-Trichloroethane
Concen: 18.483 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

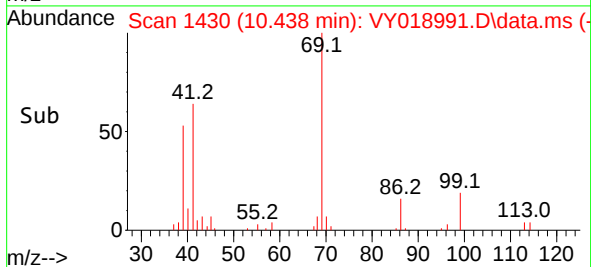
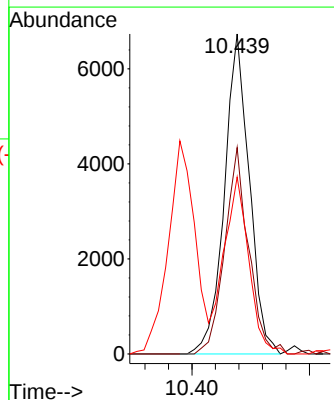
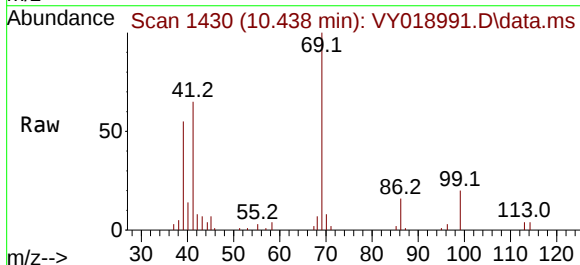
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

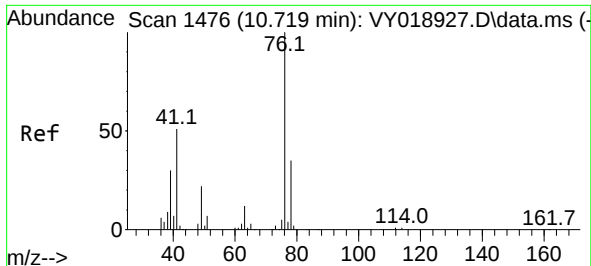
Tgt Ion: 97	Resp: 8227
Ion Ratio	Lower Upper
97 100	
83 89.8	67.5 101.3
85 54.5	42.9 64.3
99 66.6	46.6 70.0



#56
Ethyl methacrylate
Concen: 16.450 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 69	Resp: 9914
Ion Ratio	Lower Upper
69 100	
41 62.0	42.3 63.5
39 55.4	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 18.731 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

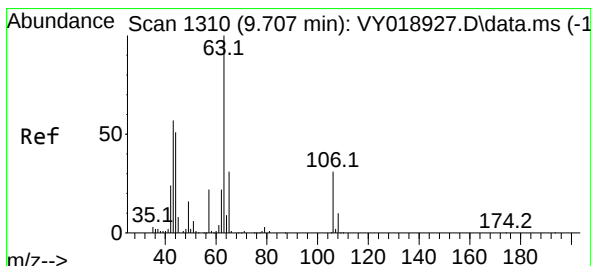
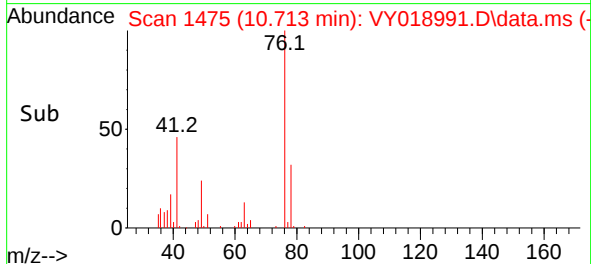
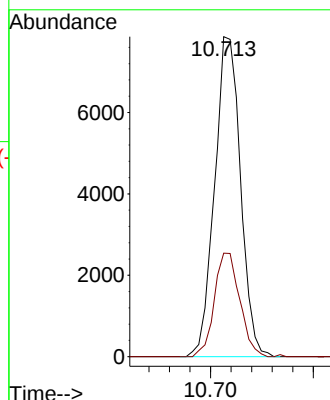
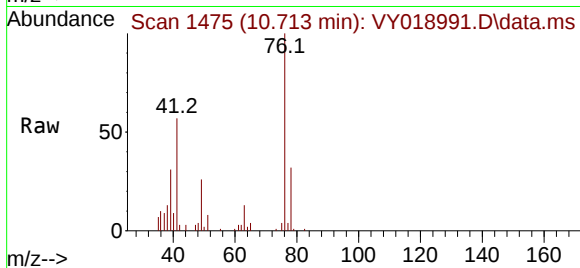
VY0812SBS01

Tgt Ion: 76 Resp: 13727

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 82.115 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY018991.D

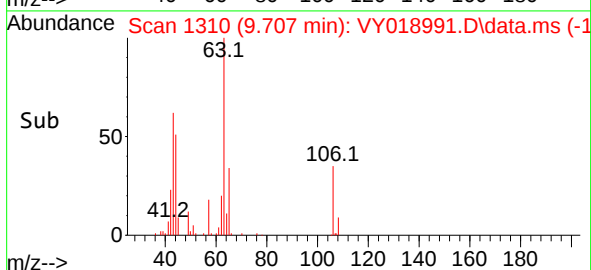
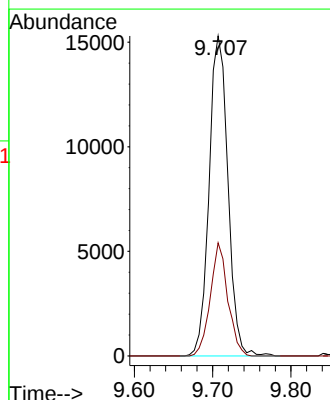
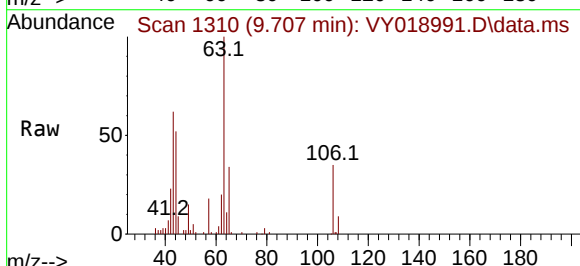
Acq: 12 Aug 2024 10:44

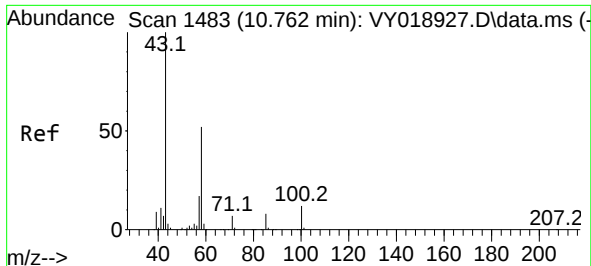
Tgt Ion: 63 Resp: 25513

Ion Ratio Lower Upper

63 100

106 32.9 23.7 35.5

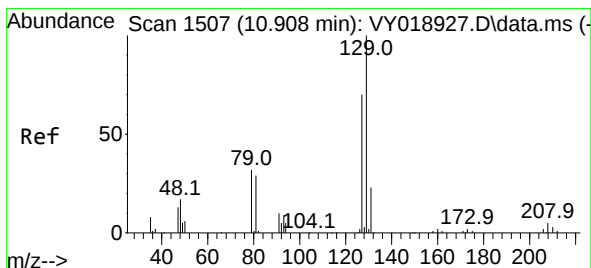
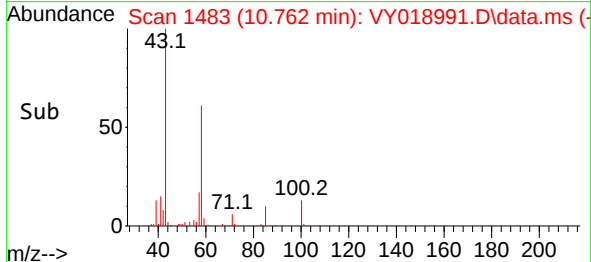
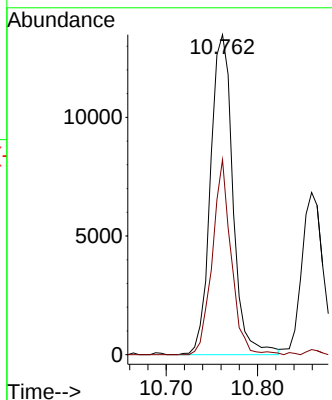
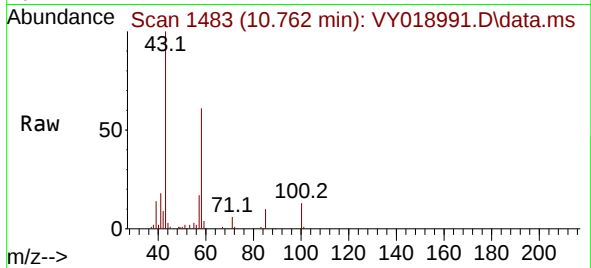




#59
2-Hexanone
Concen: 79.096 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

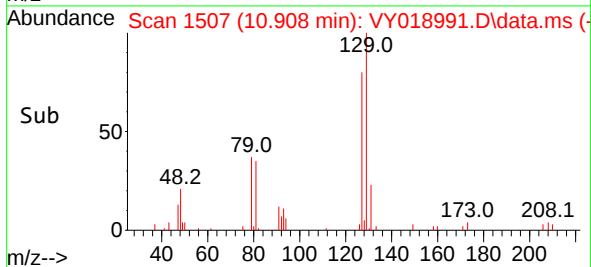
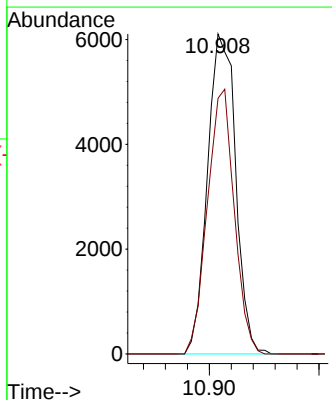
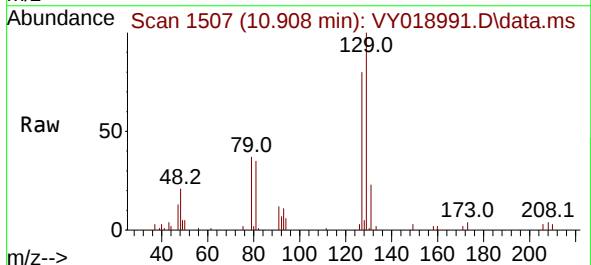
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

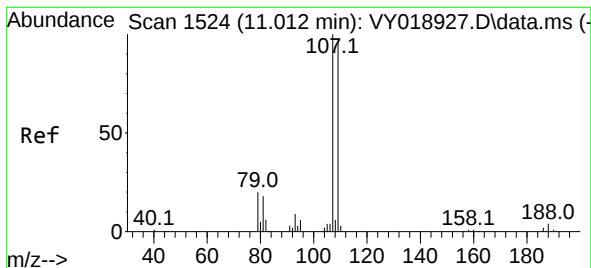
Tgt Ion: 43 Resp: 22934
Ion Ratio Lower Upper
43 100
58 51.2 31.4 94.0



#60
Dibromochloromethane
Concen: 18.269 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 129 Resp: 10902
Ion Ratio Lower Upper
129 100
127 79.0 39.0 117.0

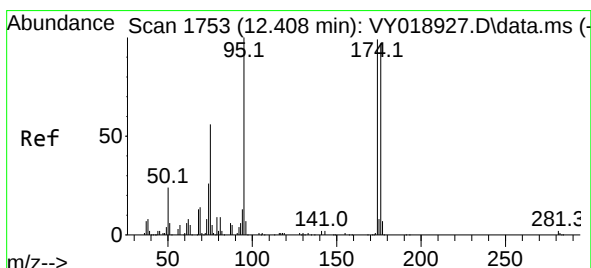
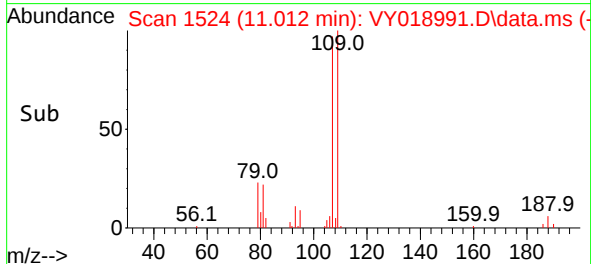
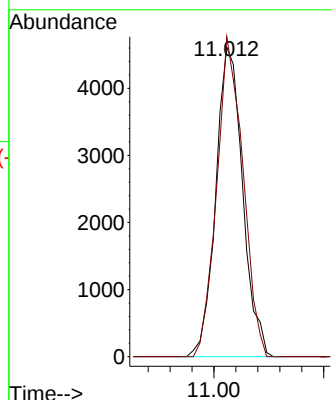
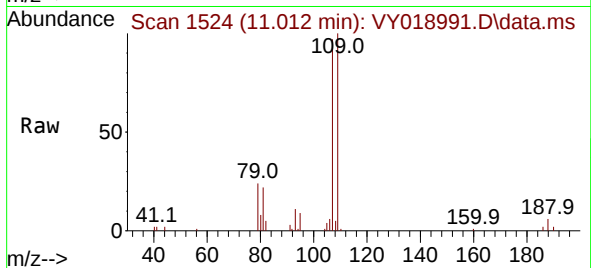




#61
1,2-Dibromoethane
Concen: 18.281 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

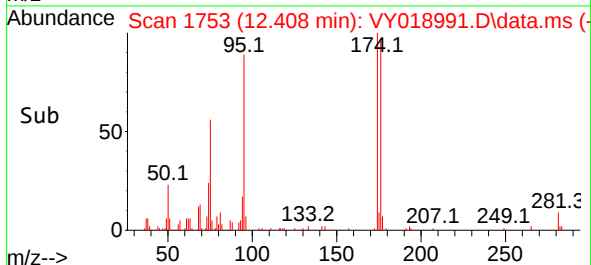
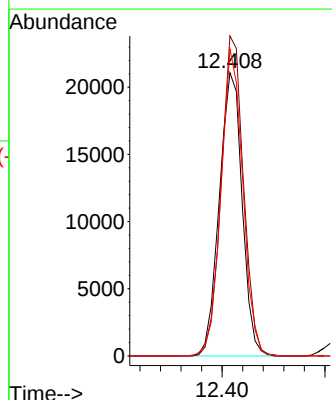
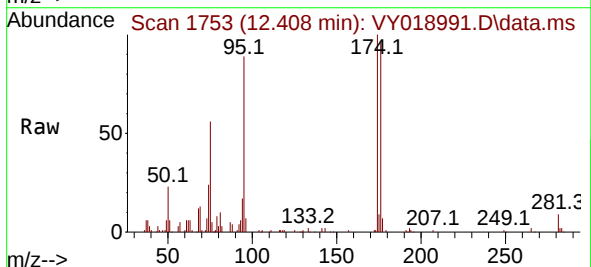
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

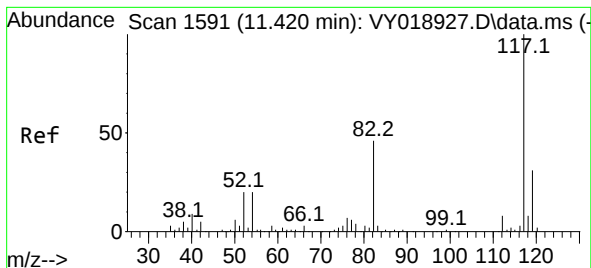
Tgt Ion:107 Resp: 7857
Ion Ratio Lower Upper
107 100
109 101.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 45.257 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 95 Resp: 32394
Ion Ratio Lower Upper
95 100
174 110.3 0.0 175.6
176 103.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

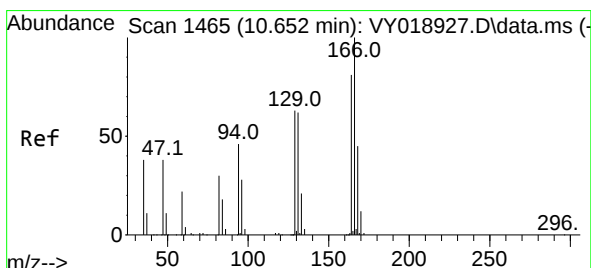
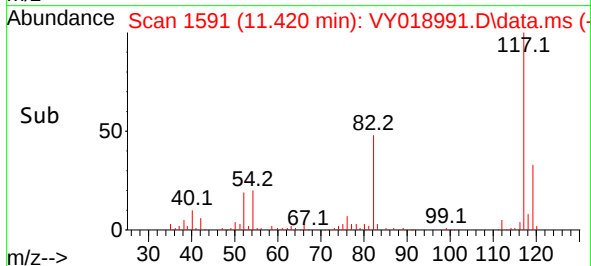
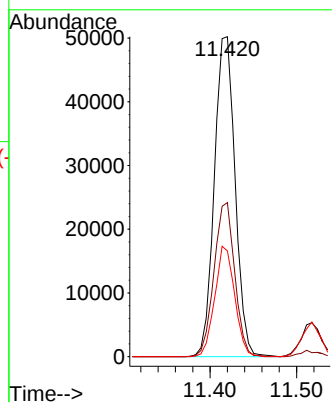
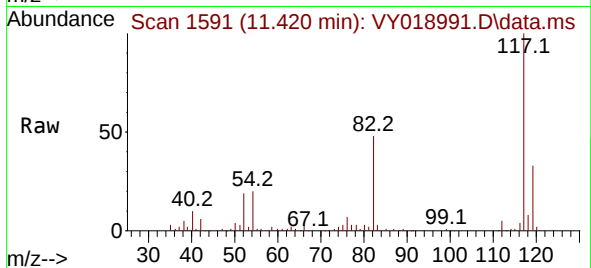
Tgt Ion:117 Resp: 83636

Ion Ratio Lower Upper

117 100

82 48.2 42.4 63.6

119 33.1 25.9 38.9



#64

Tetrachloroethene

Concen: 19.883 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Tgt Ion:164 Resp: 13940

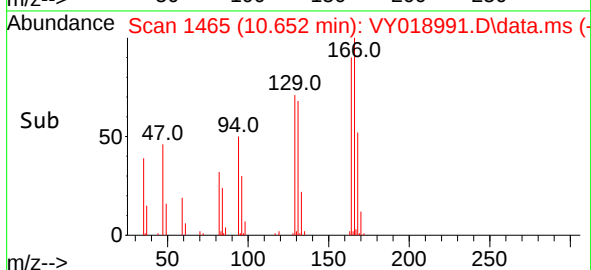
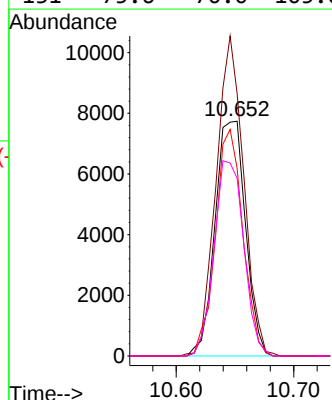
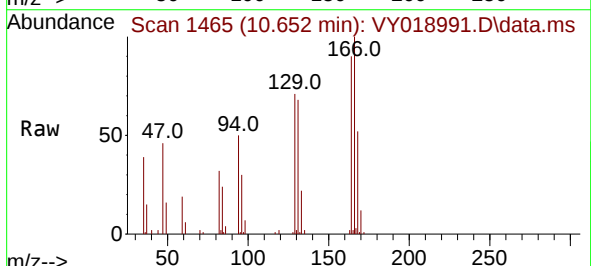
Ion Ratio Lower Upper

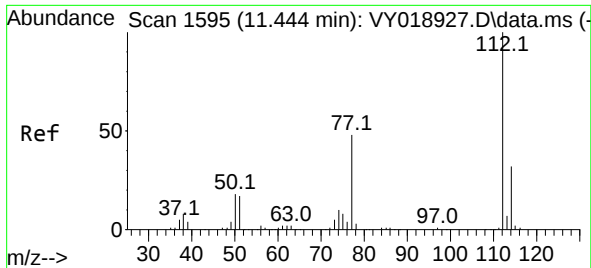
164 100

166 111.6 102.6 154.0

129 79.8 72.0 108.0

131 75.6 70.0 105.0

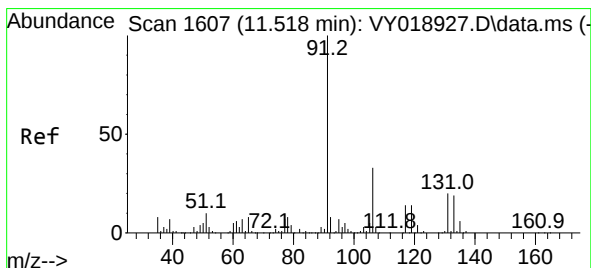
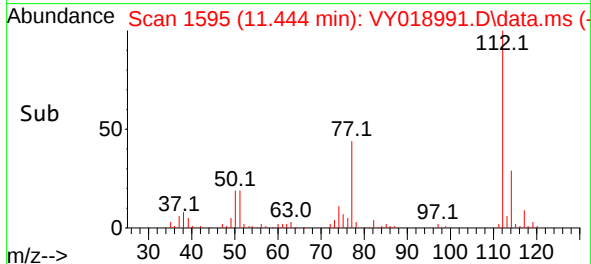
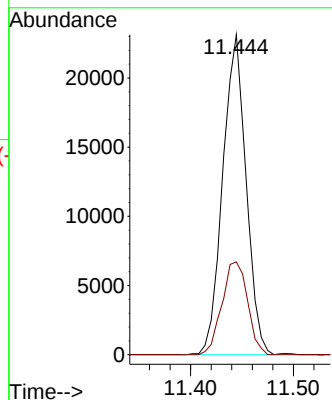
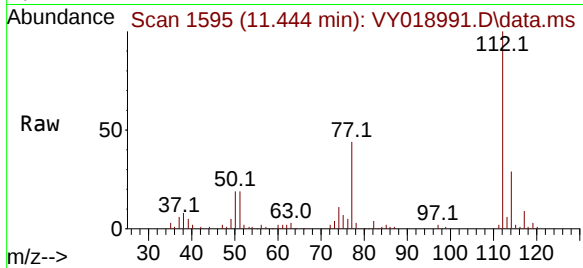




#65
Chlorobenzene
Concen: 19.850 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

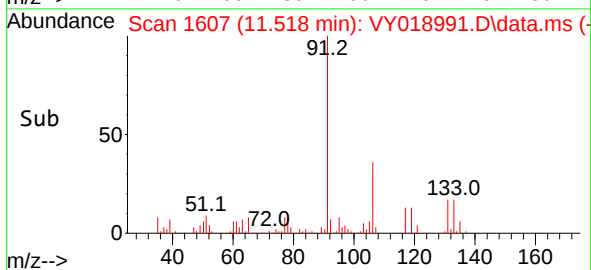
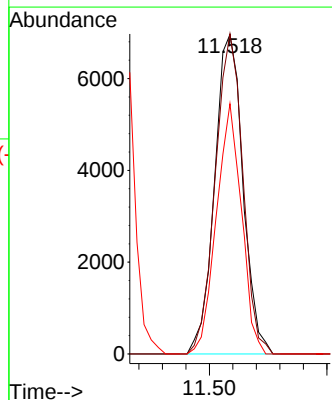
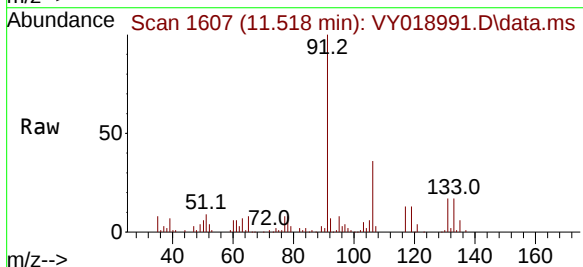
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

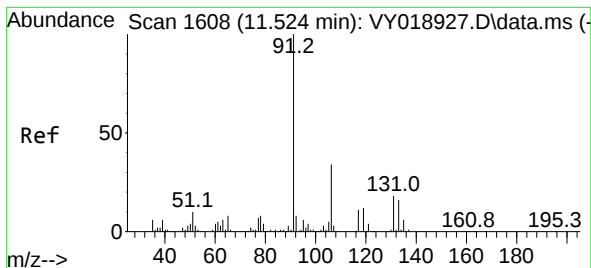
Tgt Ion:112 Resp: 36451
Ion Ratio Lower Upper
112 100
114 29.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.147 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion:131 Resp: 11656
Ion Ratio Lower Upper
131 100
133 97.1 47.8 143.3
119 69.4 34.1 102.2





#67

Ethyl Benzene

Concen: 18.960 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

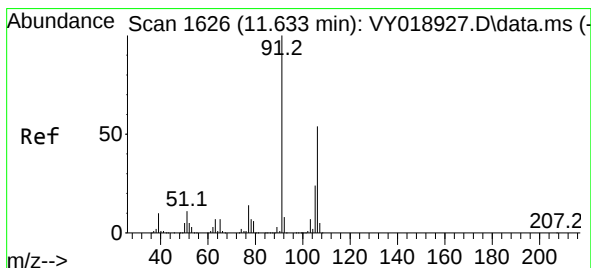
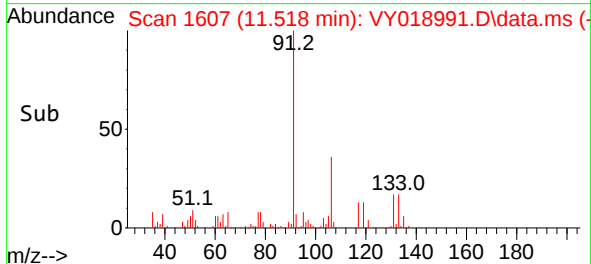
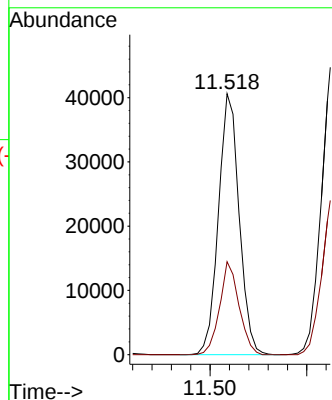
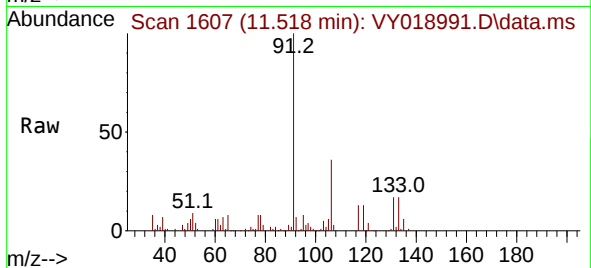
VY0812SBS01

Tgt Ion: 91 Resp: 60281

Ion Ratio Lower Upper

91 100

106 35.6 24.5 36.7



#68

m/p-Xylenes

Concen: 37.477 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY018991.D

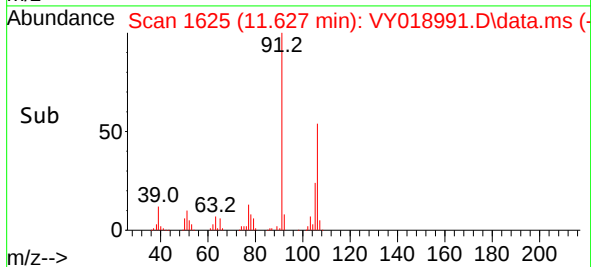
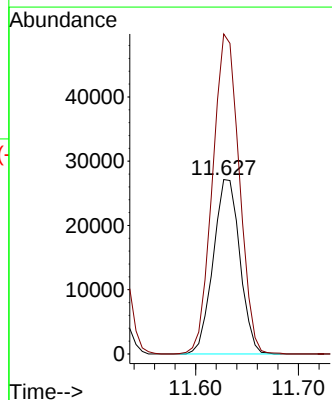
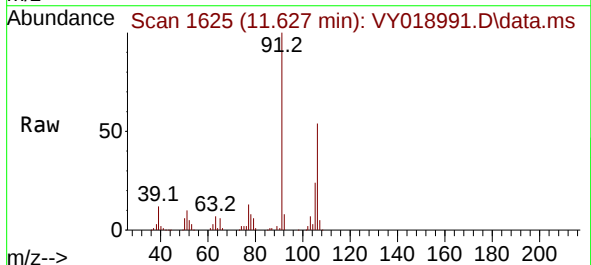
Acq: 12 Aug 2024 10:44

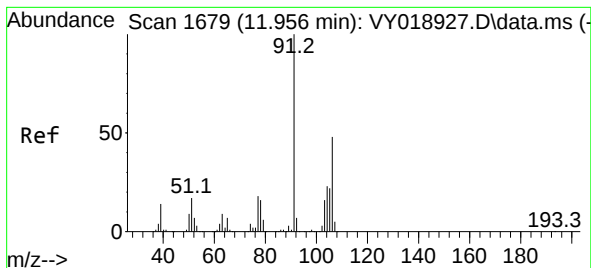
Tgt Ion: 106 Resp: 48858

Ion Ratio Lower Upper

106 100

91 184.3 156.0 234.0





#69

o-Xylene

Concen: 18.678 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

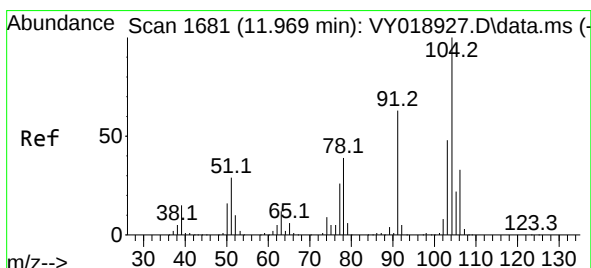
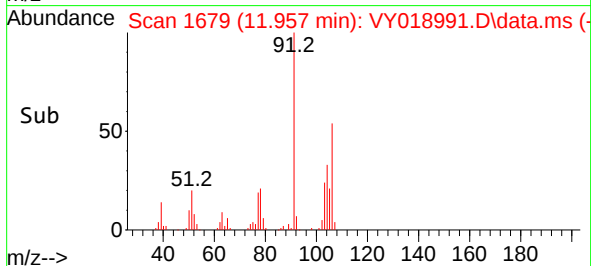
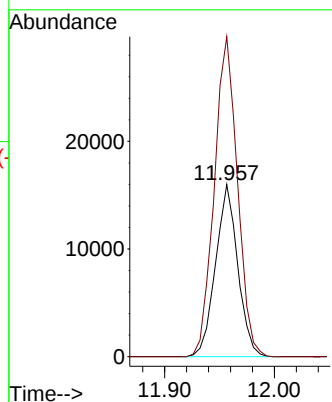
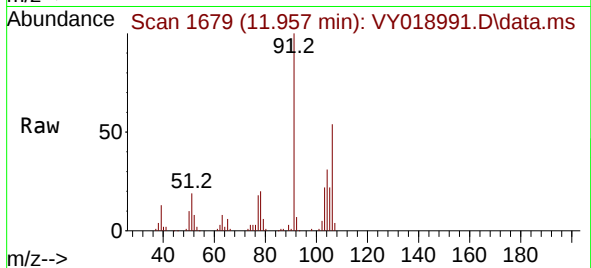
VY0812SBS01

Tgt Ion:106 Resp: 22474

Ion Ratio Lower Upper

106 100

91 194.1 103.6 310.8



#70

Styrene

Concen: 18.355 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

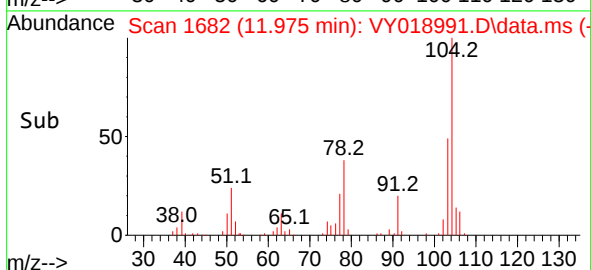
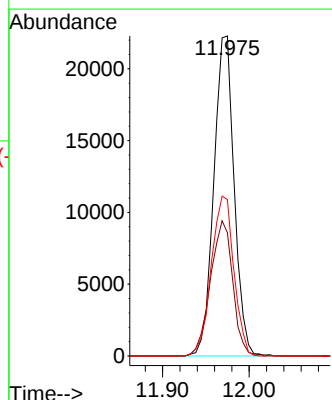
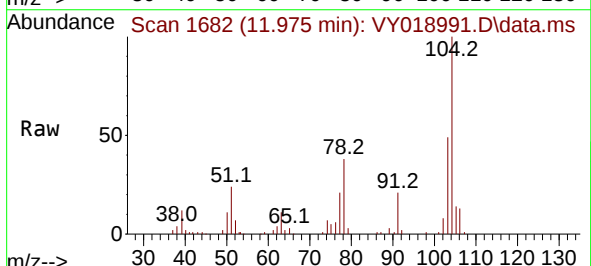
Tgt Ion:104 Resp: 36377

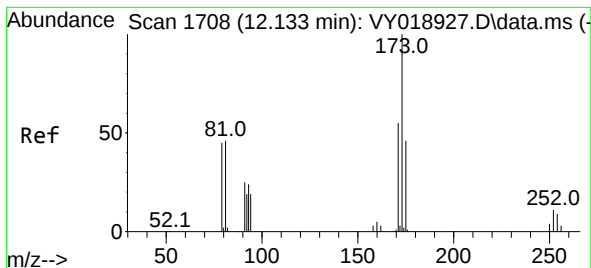
Ion Ratio Lower Upper

104 100

78 46.2 37.0 55.4

103 55.1 44.2 66.2





#71

Bromoform

Concen: 19.769 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

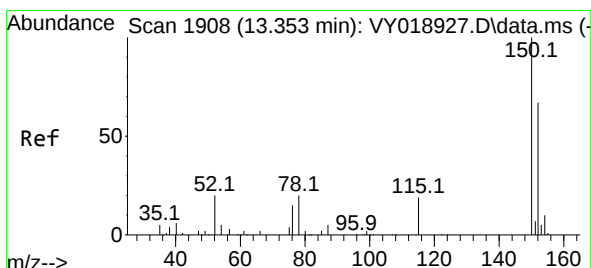
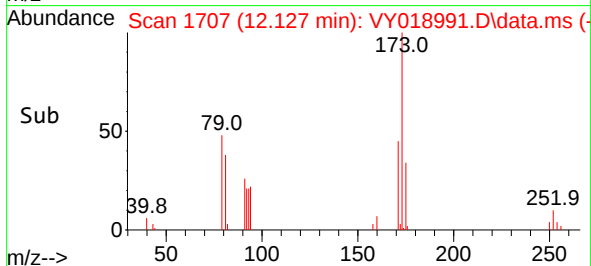
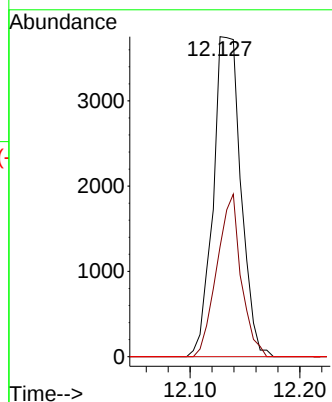
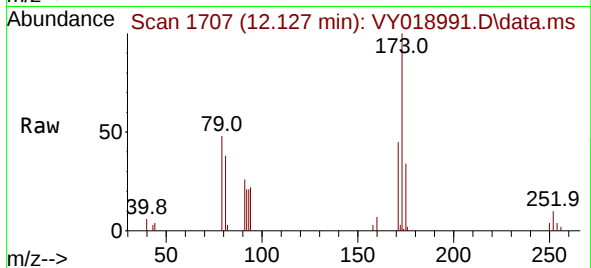
Tgt Ion:173 Resp: 6603

Ion Ratio Lower Upper

173 100

175 44.3 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

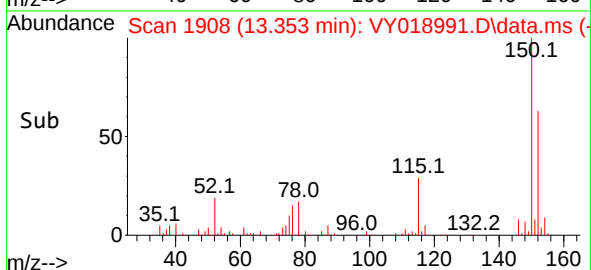
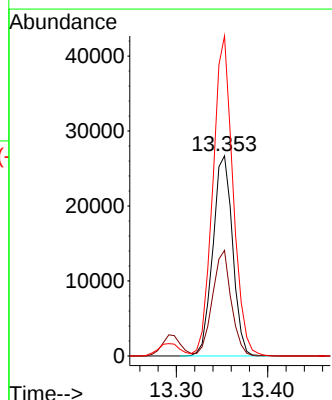
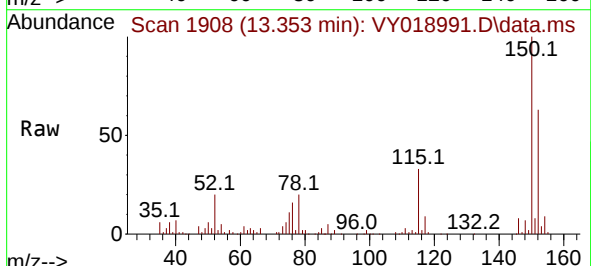
Tgt Ion:152 Resp: 39911

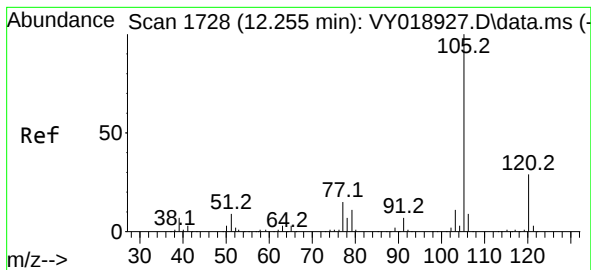
Ion Ratio Lower Upper

152 100

115 50.5 28.2 84.7

150 163.1 0.0 345.6





#73

Isopropylbenzene

Concen: 19.999 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

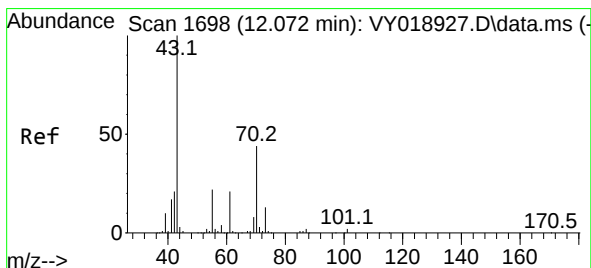
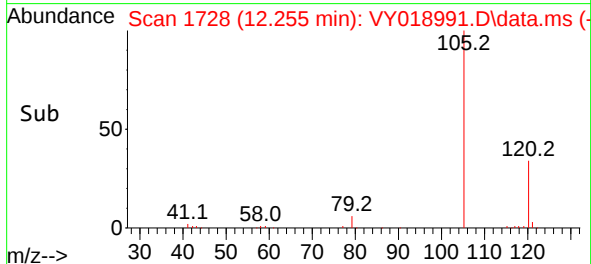
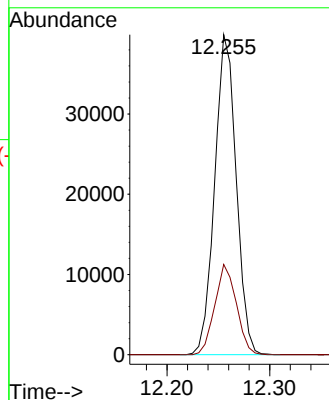
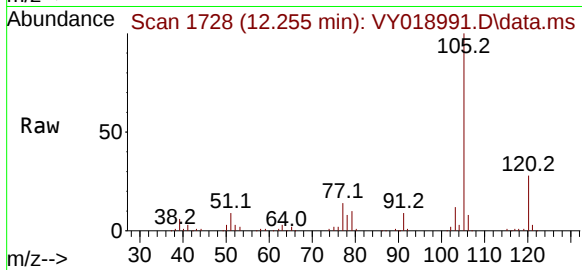
VY0812SBS01

Tgt Ion:105 Resp: 57939

Ion Ratio Lower Upper

105 100

120 28.3 13.4 40.1



#74

N-ethyl acetate

Concen: 17.822 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Tgt Ion: 43 Resp: 11914

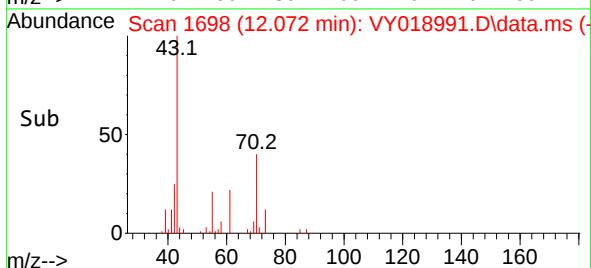
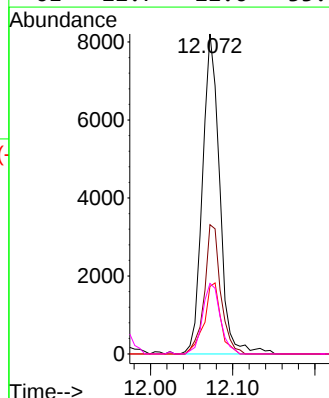
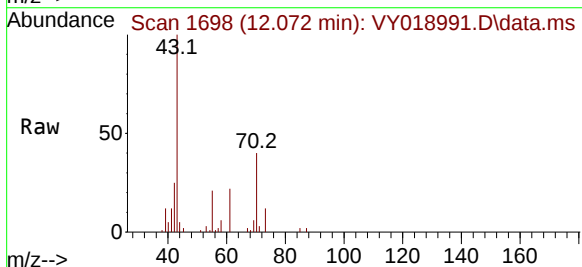
Ion Ratio Lower Upper

43 100

70 38.1 41.4 62.2#

55 21.2 23.3 34.9#

61 22.7 22.6 33.8





#75

1,1,2-Tetrachloroethane

Concen: 19.710 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

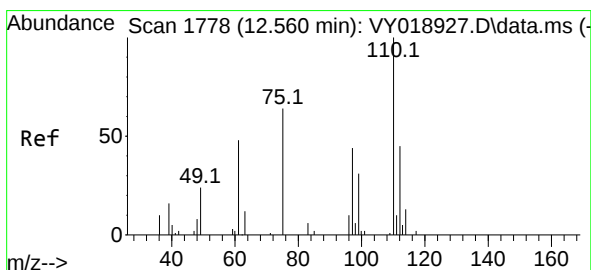
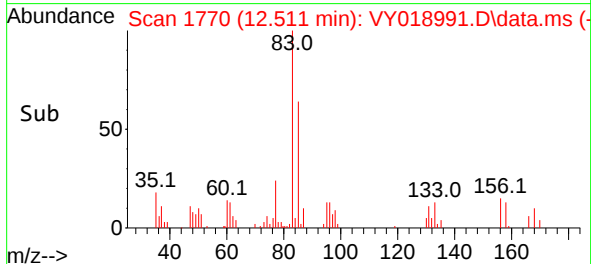
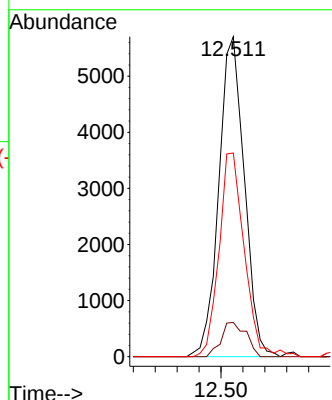
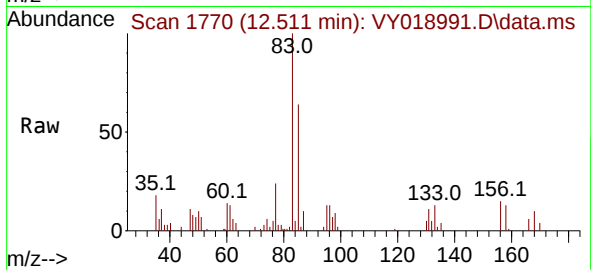
Tgt Ion: 83 Resp: 9215

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 63.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.874 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY018991.D

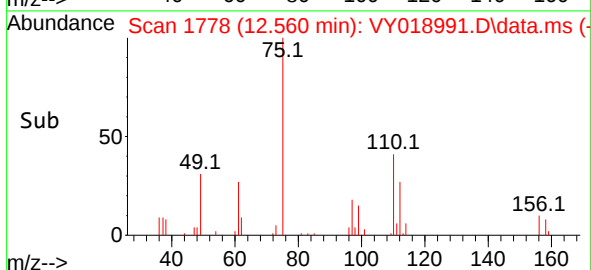
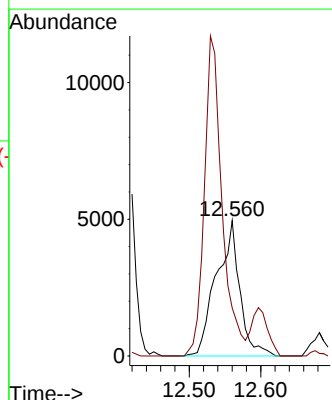
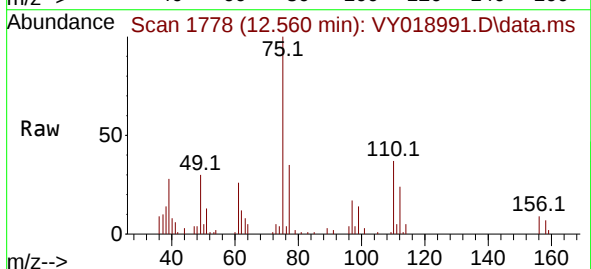
Acq: 12 Aug 2024 10:44

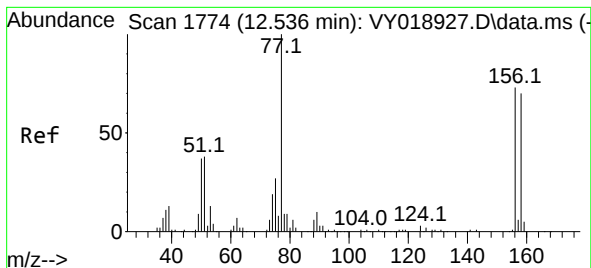
Tgt Ion: 75 Resp: 11261

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.241 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

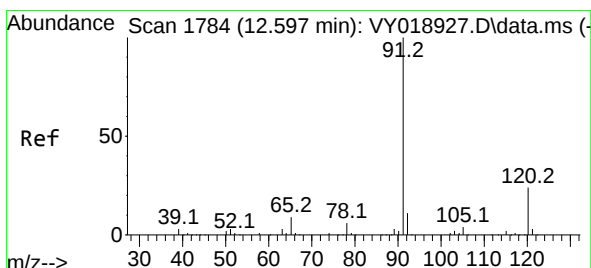
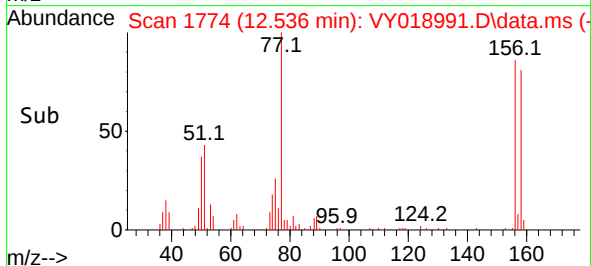
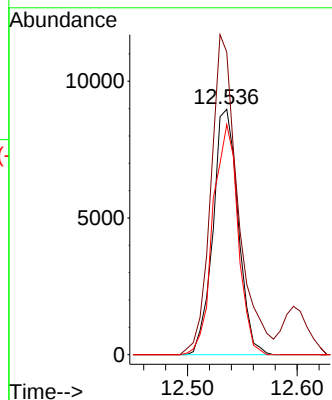
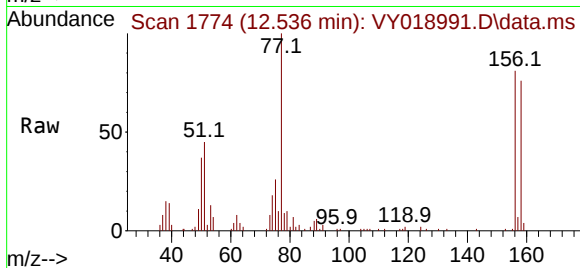
Tgt Ion:156 Resp: 14335

Ion Ratio Lower Upper

156 100

77 140.6 87.1 261.3

158 93.3 48.6 145.9



#78

n-propylbenzene

Concen: 19.442 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY018991.D

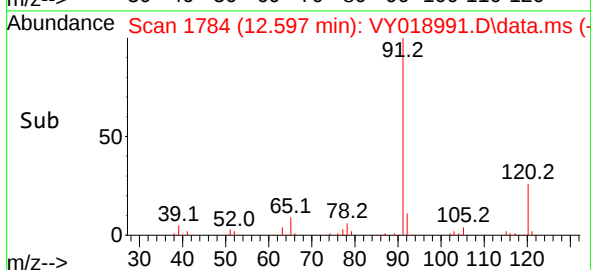
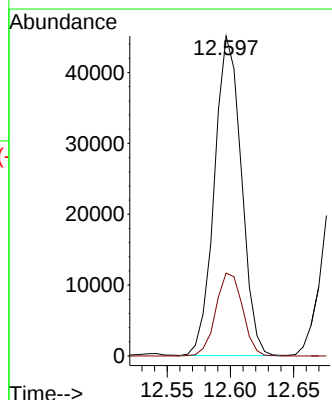
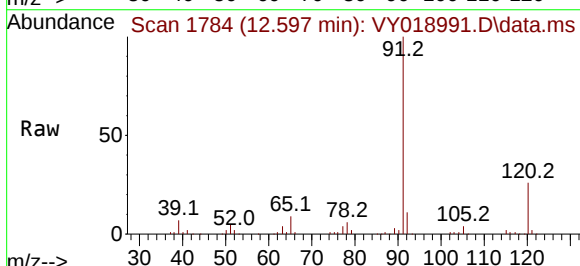
Acq: 12 Aug 2024 10:44

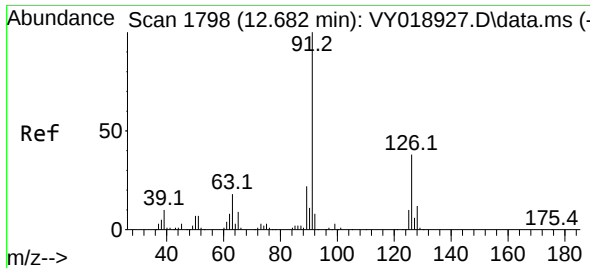
Tgt Ion: 91 Resp: 66665

Ion Ratio Lower Upper

91 100

120 25.7 11.5 34.4

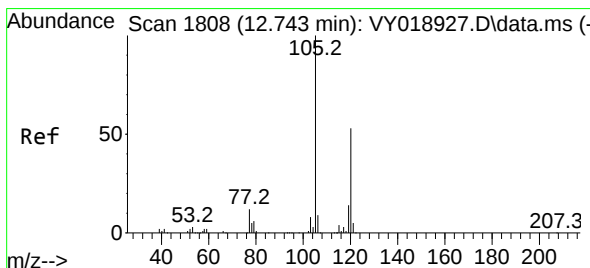
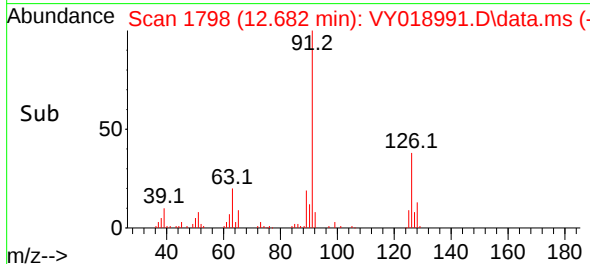
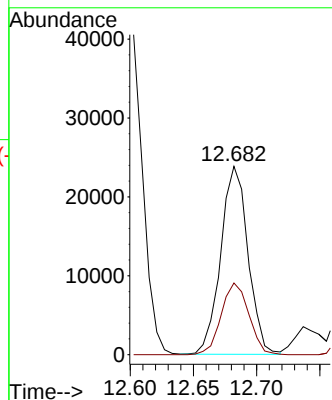
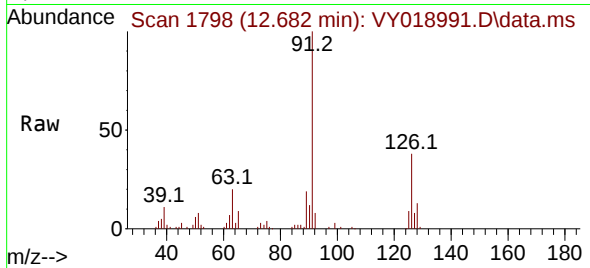




#79
2-Chlorotoluene
Concen: 20.189 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

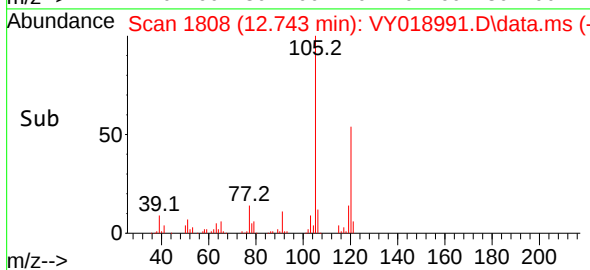
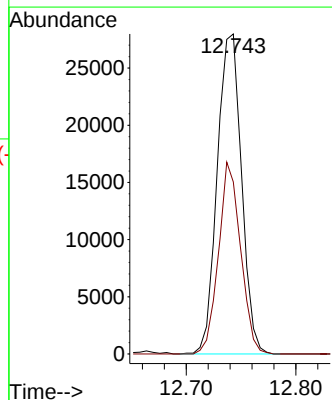
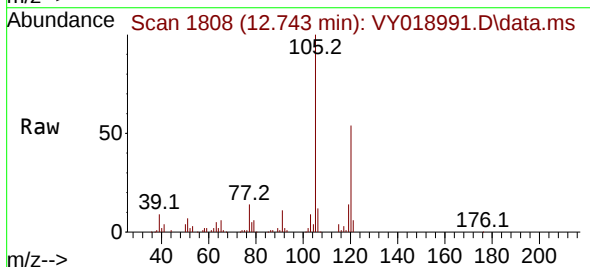
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

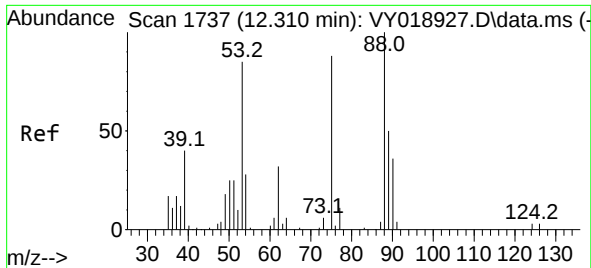
Tgt Ion: 91 Resp: 35839
Ion Ratio Lower Upper
91 100
126 38.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 18.986 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 105 Resp: 43103
Ion Ratio Lower Upper
105 100
120 54.4 25.1 75.2

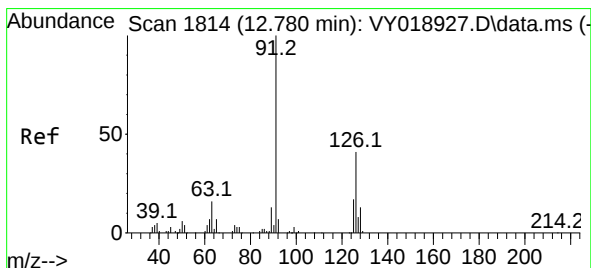
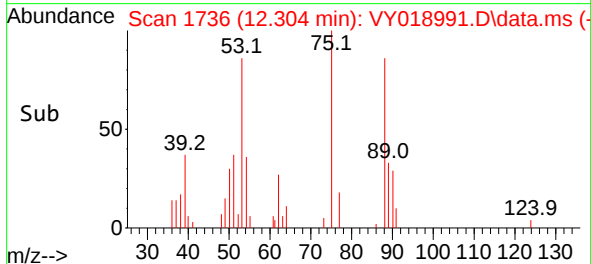
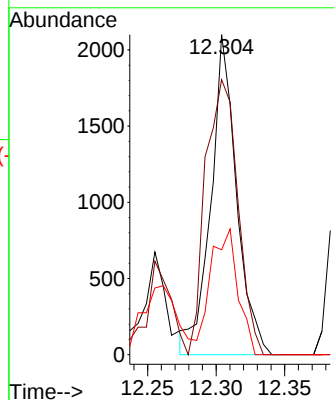
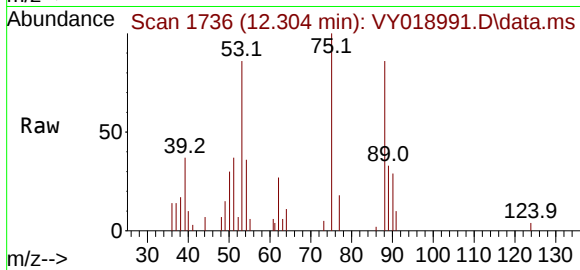




#81
trans-1,4-Dichloro-2-butene
Concen: 18.899 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

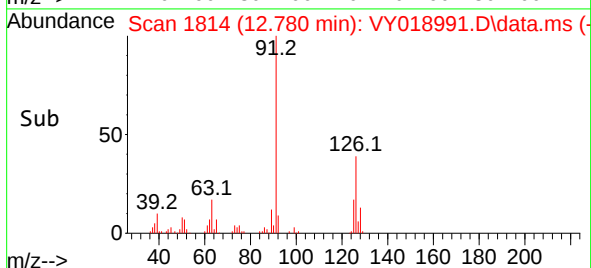
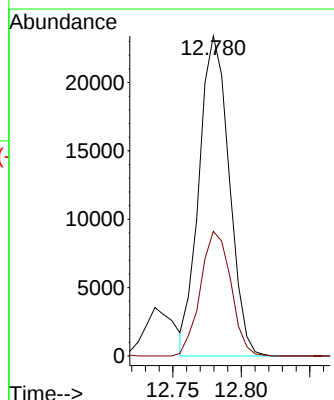
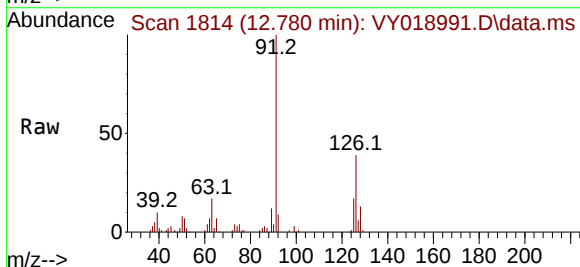
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

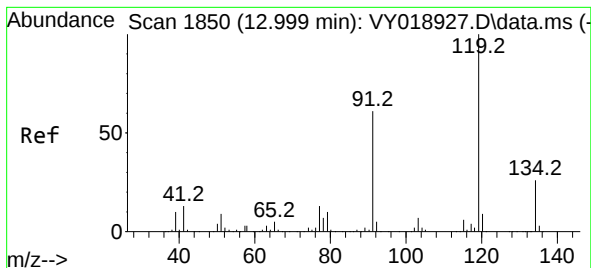
Tgt Ion: 75 Resp: 2727
Ion Ratio Lower Upper
75 100
53 108.0 66.8 100.2#
89 41.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.655 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion: 91 Resp: 35721
Ion Ratio Lower Upper
91 100
126 39.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.216 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

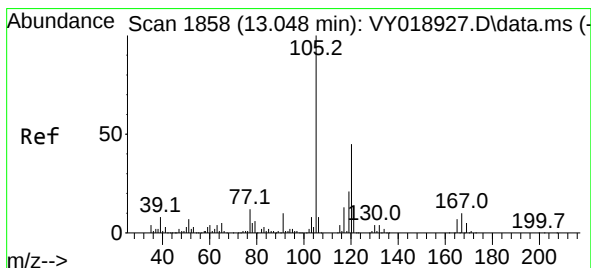
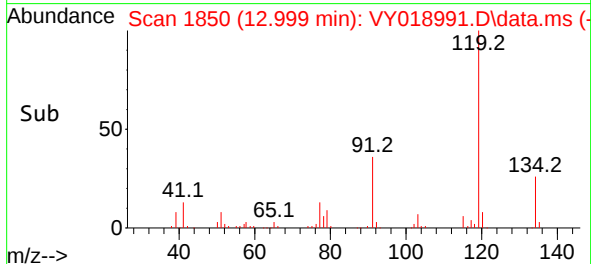
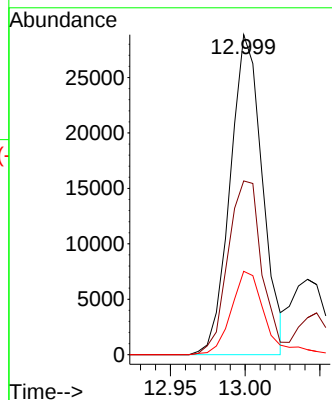
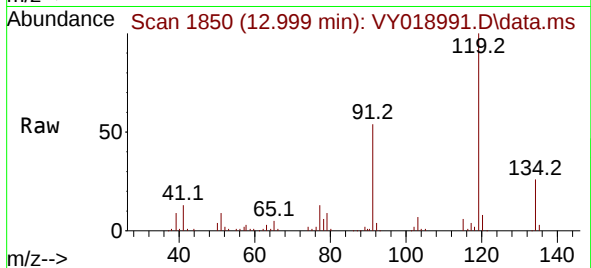
Tgt Ion:119 Resp: 43352

Ion Ratio Lower Upper

119 100

91 57.7 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.929 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY018991.D

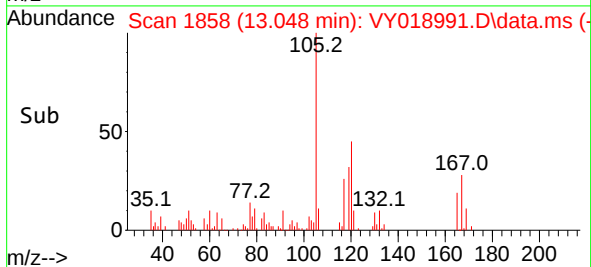
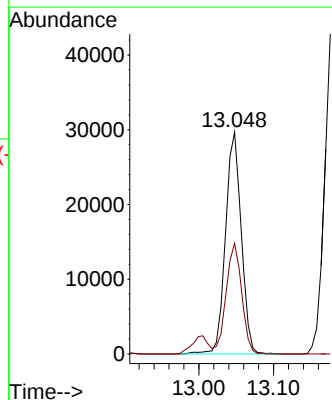
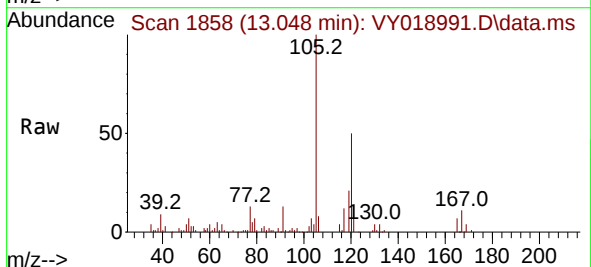
Acq: 12 Aug 2024 10:44

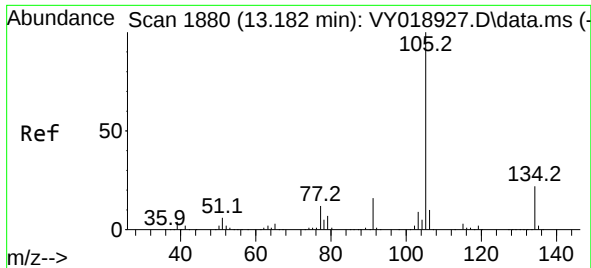
Tgt Ion:105 Resp: 43594

Ion Ratio Lower Upper

105 100

120 49.1 23.2 69.6

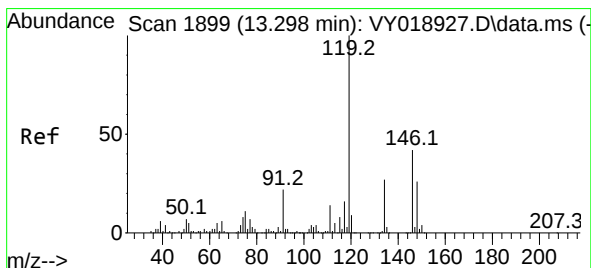
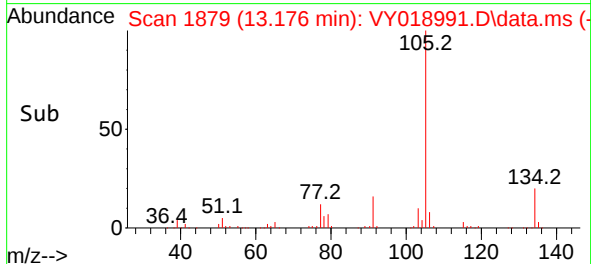
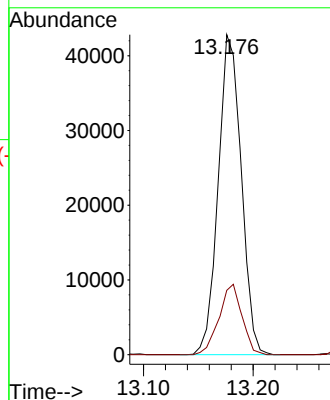
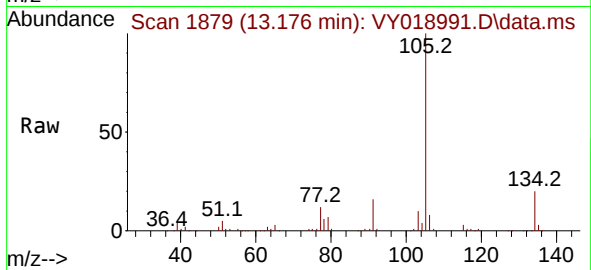




#85
 sec-Butylbenzene
 Concen: 20.128 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY018991.D
 Acq: 12 Aug 2024 10:44

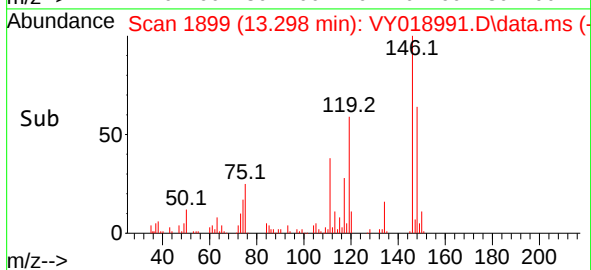
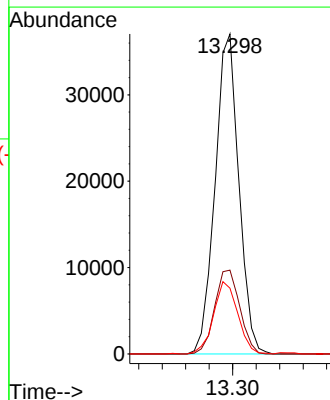
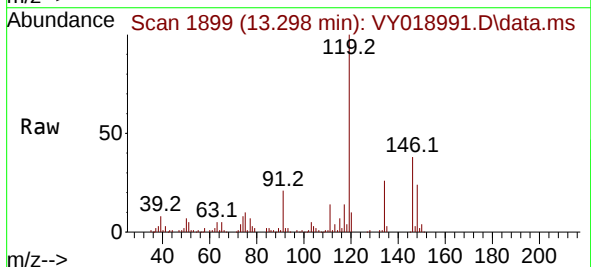
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBS01

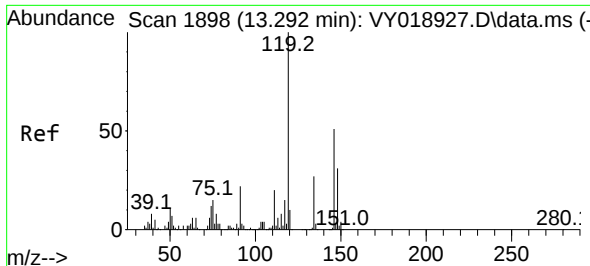
Tgt Ion:105 Resp: 62521
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.317 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VY018991.D
 Acq: 12 Aug 2024 10:44

Tgt Ion:119 Resp: 51956
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.1 39.3
 91 23.2 10.7 32.1

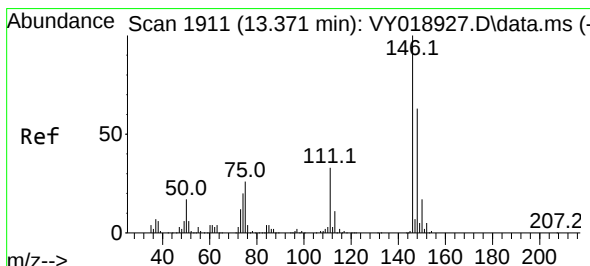
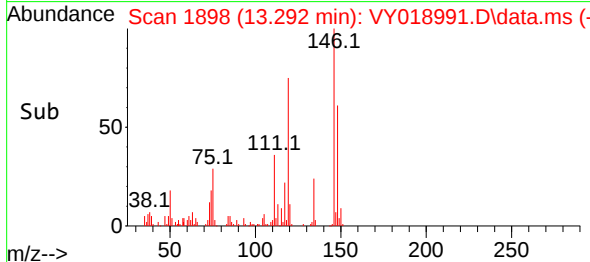
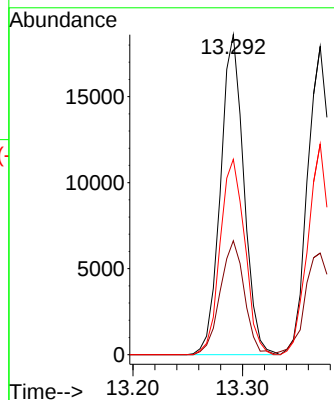
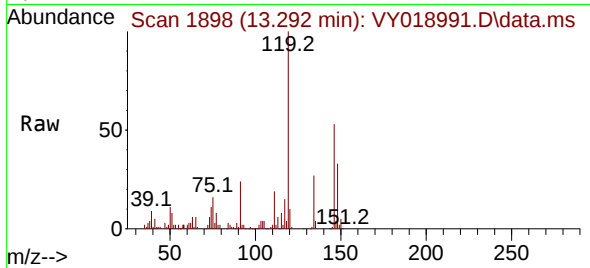




#87
1,3-Dichlorobenzene
Concen: 19.948 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

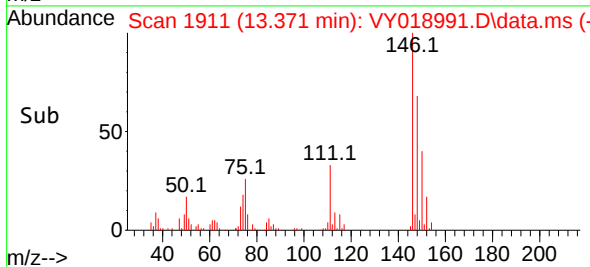
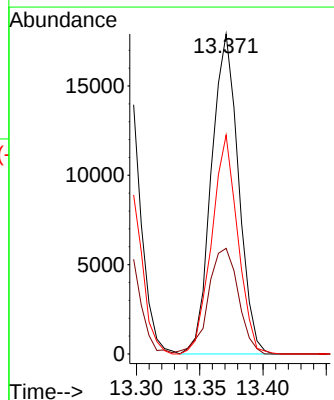
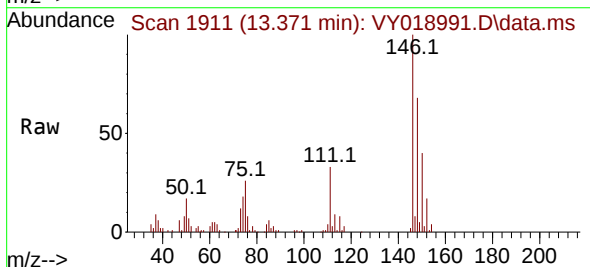
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

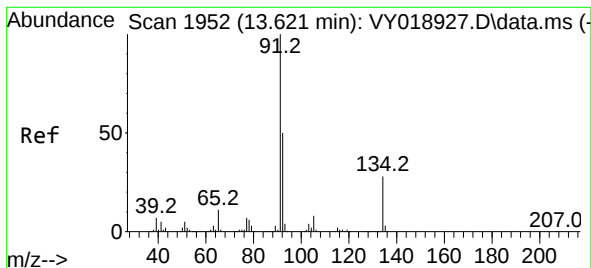
Tgt Ion:146 Resp: 27501
Ion Ratio Lower Upper
146 100
111 36.9 19.0 57.0
148 64.5 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.795 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY018991.D
Acq: 12 Aug 2024 10:44

Tgt Ion:146 Resp: 26614
Ion Ratio Lower Upper
146 100
111 36.7 18.4 55.4
148 66.0 32.4 97.2





#89

n-Butylbenzene

Concen: 19.356 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

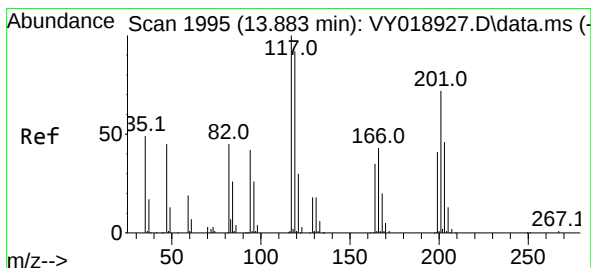
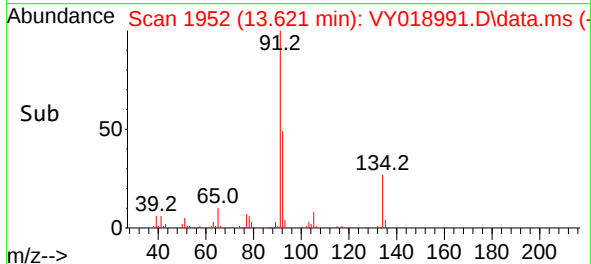
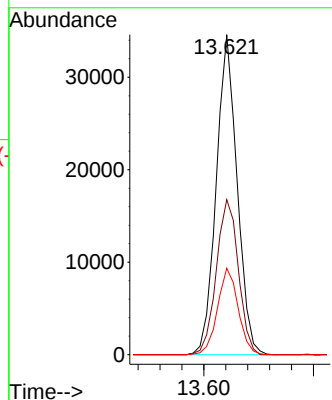
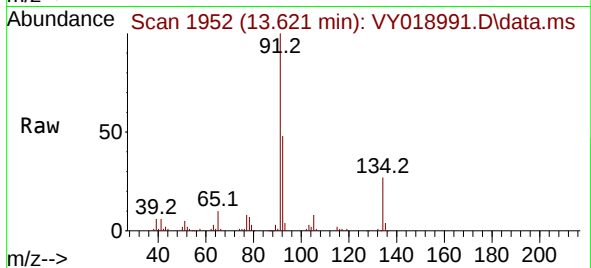
Tgt Ion: 91 Resp: 45697

Ion Ratio Lower Upper

91 100

92 51.2 26.6 79.7

134 26.8 12.9 38.7



#90

Hexachloroethane

Concen: 20.031 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY018991.D

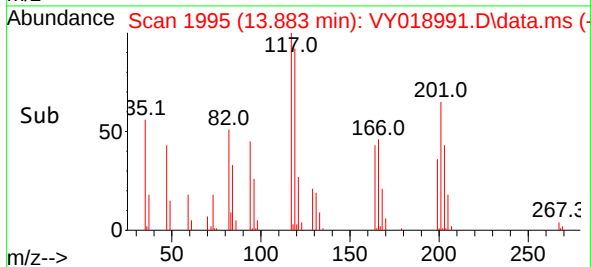
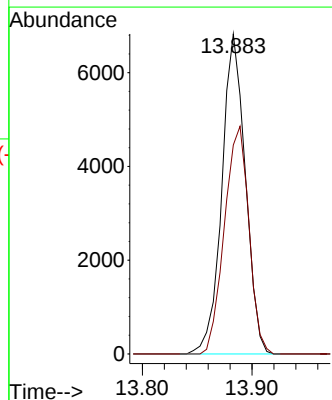
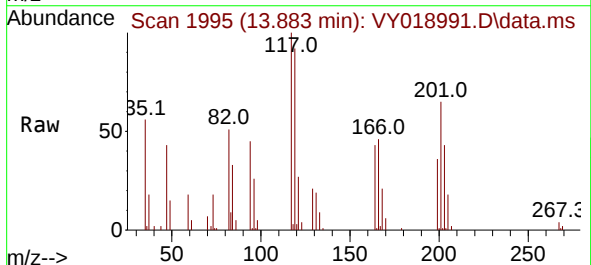
Acq: 12 Aug 2024 10:44

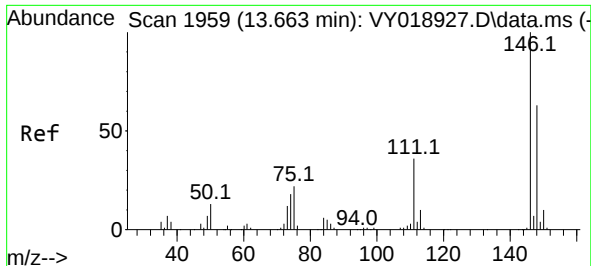
Tgt Ion: 117 Resp: 10166

Ion Ratio Lower Upper

117 100

201 74.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.086 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

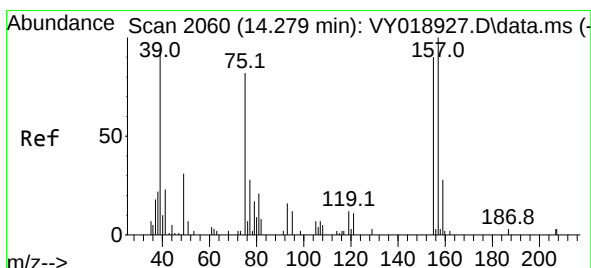
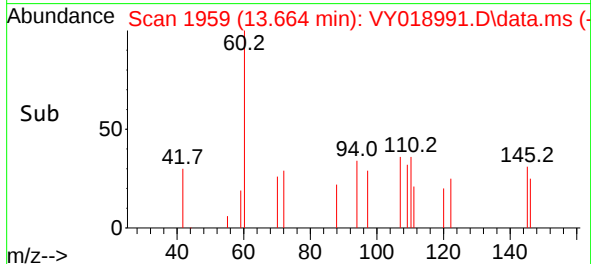
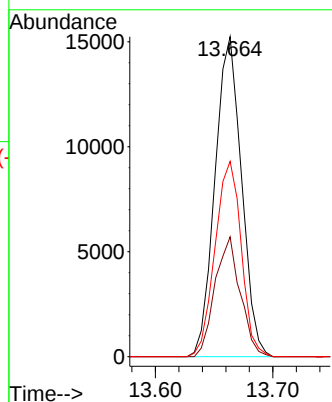
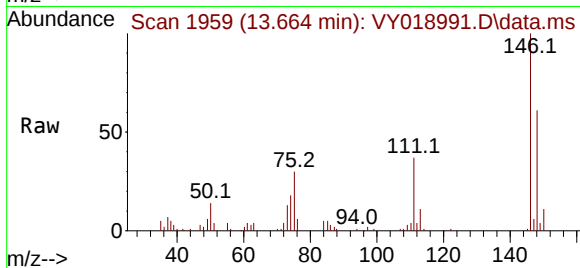
Tgt Ion:146 Resp: 23900

Ion Ratio Lower Upper

146 100

111 35.7 19.9 59.7

148 60.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.571 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

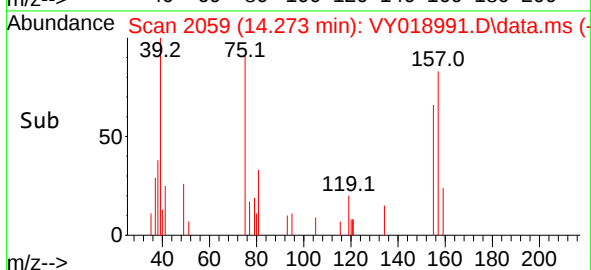
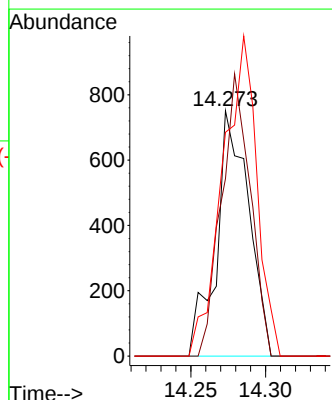
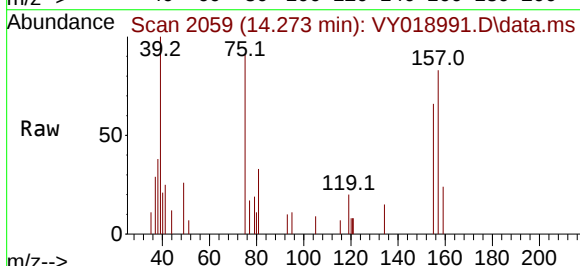
Tgt Ion: 75 Resp: 1130

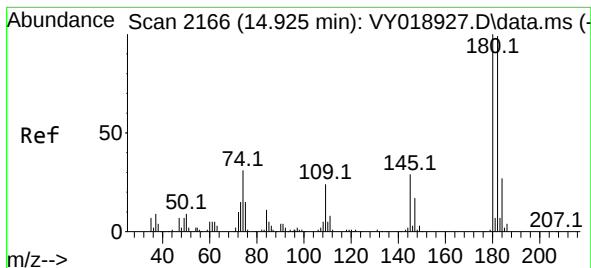
Ion Ratio Lower Upper

75 100

155 103.3 48.6 145.8

157 136.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.935 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

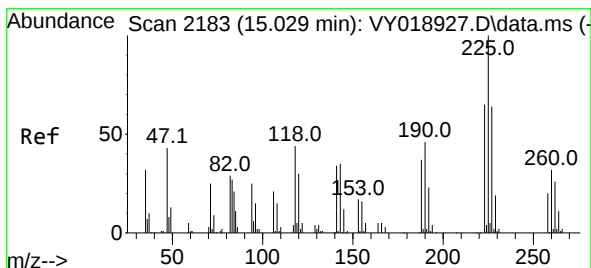
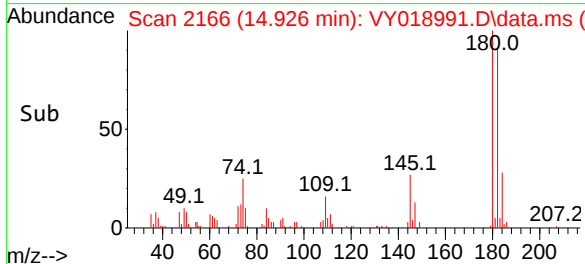
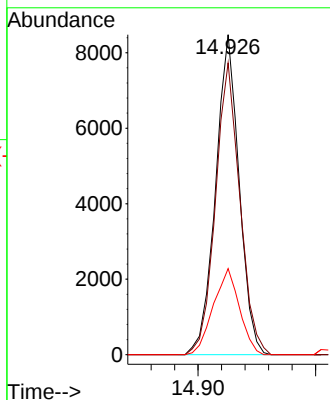
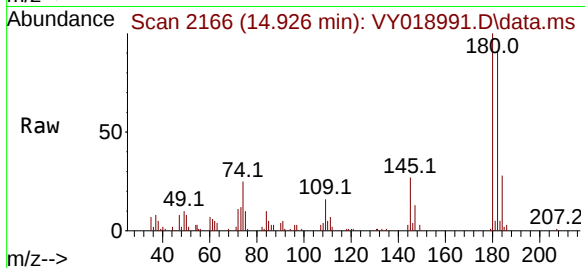
Tgt Ion:180 Resp: 11818

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 29.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.231 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

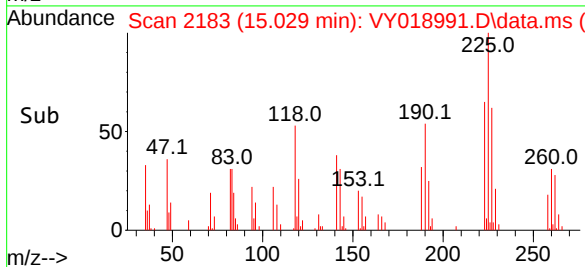
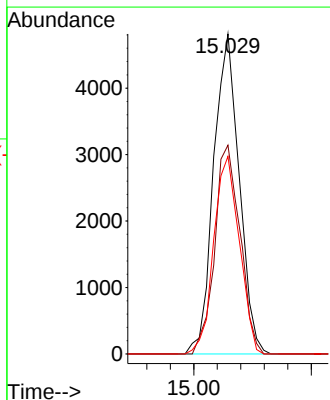
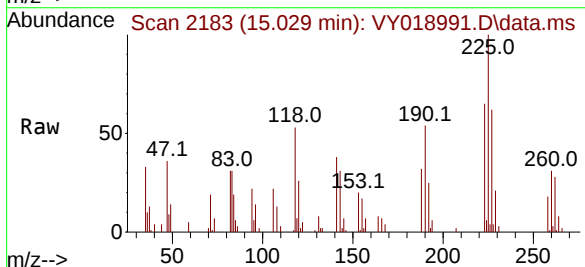
Tgt Ion:225 Resp: 7267

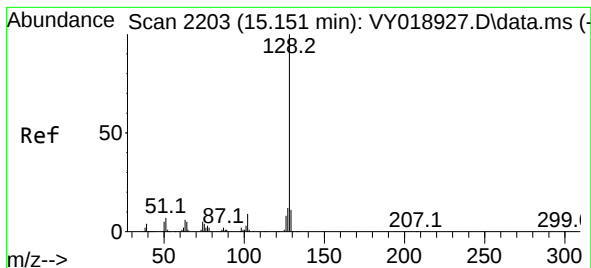
Ion Ratio Lower Upper

225 100

223 64.9 30.4 91.2

227 62.0 31.9 95.9





#95

Naphthalene

Concen: 15.615 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

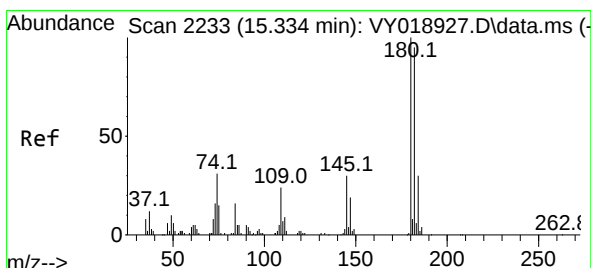
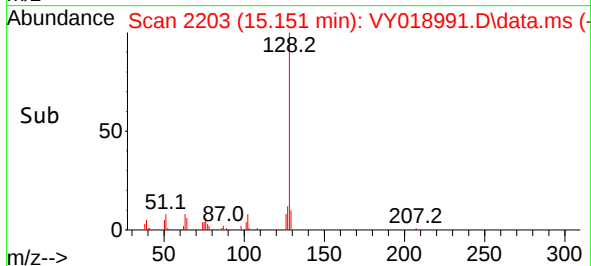
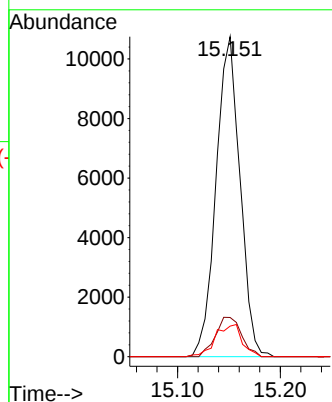
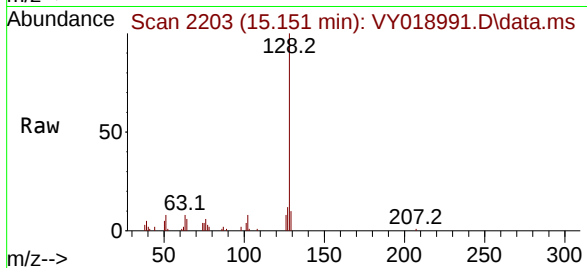
Tgt Ion:128 Resp: 17350

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.412 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY018991.D

Acq: 12 Aug 2024 10:44

Tgt Ion:180 Resp: 10399

Ion Ratio Lower Upper

180 100

182 91.4 47.6 142.9

145 27.3 15.4 46.1

