

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018588.D
 Acq On : 14 Jun 2024 12:25
 Operator : SY/MD
 Sample : VY0614SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBS02

Quant Time: Jun 14 23:21:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	2623	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	2296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	2640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2823	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	86797	3286.753	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 6573.500%#			
35) Dibromofluoromethane	7.704	113	88421	6313.075	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 12626.140%#			
50) Toluene-d8	10.173	98	346711	6437.010	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 12874.020%#			
62) 4-Bromofluorobenzene	12.477	95	108618	6386.227	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 12772.460%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	22551	1305.353	ug/l	98
3) Chloromethane	2.101	50	40761	1145.593	ug/l	98
4) Vinyl Chloride	2.241	62	53861	1222.362	ug/l	98
5) Bromomethane	2.631	94	36160	1104.075	ug/l	99
6) Chloroethane	2.784	64	35512	1230.281	ug/l	98
7) Trichlorofluoromethane	3.101	101	60957	1284.671	ug/l	97
8) Diethyl Ether	3.515	74	15493	1145.146	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.881	101	32682	1318.249	ug/l	98
10) Methyl Iodide	4.070	142	30232	995.237	ug/l	94
11) Tert butyl alcohol	4.930	59	22059	4643.856	ug/l	# 97
12) 1,1-Dichloroethene	3.857	96	30035	1205.515	ug/l	92
13) Acrolein	3.710	56	7193	4710.089	ug/l	97
14) Allyl chloride	4.460	41	38821	1155.785	ug/l	95
15) Acrylonitrile	5.149	53	36611	6082.928	ug/l	98
16) Acetone	3.930	43	31783	5915.555	ug/l	# 84
17) Carbon Disulfide	4.180	76	70982	899.935	ug/l	99
18) Methyl Acetate	4.460	43	16092	1180.811	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	80596	1212.689	ug/l	95
20) Methylene Chloride	4.692	84	43987	1607.529	ug/l	99
21) trans-1,2-Dichloroethene	5.198	96	33274	1173.193	ug/l	94
22) Diisopropyl ether	6.106	45	93777	1236.720	ug/l	93
23) Vinyl Acetate	6.045	43	285482	Below Cal		99
24) 1,1-Dichloroethane	5.997	63	59949	1227.174	ug/l	99
25) 2-Butanone	6.972	43	48202	5985.181	ug/l	94
26) 2,2-Dichloropropane	6.966	77	48779	1185.171	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	40520	1182.798	ug/l	96
28) Bromochloromethane	7.320	49	24357	1216.466	ug/l	96
29) Tetrahydrofuran	7.344	42	29853	6040.290	ug/l	95
30) Chloroform	7.490	83	63622	1195.033	ug/l	97
31) Cyclohexane	7.771	56	46122	1140.160	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	55796	1233.639	ug/l	97
36) 1,1-Dichloropropene	7.905	75	44666	2316.851	ug/l	97
37) Ethyl Acetate	7.064	43	21170	2329.440	ug/l	97
38) Carbon Tetrachloride	7.893	117	49227	2433.858	ug/l	97
39) Methylcyclohexane	9.179	83	55641	2355.466	ug/l	98
40) Benzene	8.149	78	138270	2319.076	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	28050	6136.738	ug/l #	25
42) 1,2-Dichloroethane	8.228	62	36286	2332.777	ug/l	97
43) Isopropyl Acetate	8.265	43	39653	2337.685	ug/l #	80
44) Trichloroethene	8.929	130	35807	2293.867	ug/l	95
45) 1,2-Dichloropropane	9.209	63	32412	2377.408	ug/l	99
46) Dibromomethane	9.295	93	18872	2230.917	ug/l	95
47) Bromodichloromethane	9.490	83	47118	2333.723	ug/l	94
48) Methyl methacrylate	9.283	41	17765	2326.367	ug/l	94
49) 1,4-Dioxane	9.289	88	4743	42631.938	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	106798	11952.990	ug/l	97
52) Toluene	10.240	92	89725	2343.909	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	39653	2247.403	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	48778	2290.887	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	26291	2336.672	ug/l	97
56) Ethyl methacrylate	10.508	69	34675	2355.106	ug/l #	91
57) 1,3-Dichloropropane	10.782	76	44619	2387.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	85584	12040.879	ug/l	100
59) 2-Hexanone	10.825	43	76252	12183.676	ug/l	93
60) Dibromochloromethane	10.977	129	30626	2191.178	ug/l	96
61) 1,2-Dibromoethane	11.081	107	24353	2341.989	ug/l	97
64) Tetrachloroethene	10.715	164	34480	1831.159	ug/l	96
65) Chlorobenzene	11.514	112	96165	1763.305	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	31826	1741.414	ug/l	98
67) Ethyl Benzene	11.587	91	167212	1767.034	ug/l	96
68) m/p-Xylenes	11.697	106	130151	3534.633	ug/l	98
69) o-Xylene	12.026	106	63486	1792.943	ug/l	97
70) Styrene	12.038	104	107059	1830.189	ug/l	99
71) Bromoform	12.203	173	16595	1654.828	ug/l #	97
73) Isopropylbenzene	12.325	105	167176	810.967	ug/l	100
74) N-amyl acetate	12.142	43	34501	817.313	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	29894	816.711	ug/l	99
76) 1,2,3-Trichloropropane	12.623	75	35437	1338.207	ug/l #	100
77) Bromobenzene	12.605	156	37678	790.335	ug/l	99
78) n-propylbenzene	12.666	91	198865	824.307	ug/l	100
79) 2-Chlorotoluene	12.752	91	109783	806.145	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	131655	805.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	8135	804.677	ug/l	89
82) 4-Chlorotoluene	12.849	91	111477	812.896	ug/l	99
83) tert-Butylbenzene	13.069	119	121224	801.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	130311	798.009	ug/l	99
85) sec-Butylbenzene	13.251	105	179797	833.700	ug/l	100
86) p-Isopropyltoluene	13.367	119	147548	807.004	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	75378	783.904	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	72356	766.817	ug/l	99
89) n-Butylbenzene	13.690	91	137153	832.260	ug/l	99
90) Hexachloroethane	13.959	117	25786	776.366	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	65599	798.602	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	4035	761.297	ug/l	86
93) 1,2,4-Trichlorobenzene	15.001	180	33025	721.648	ug/l	97
94) Hexachlorobutadiene	15.111	225	18471	785.546	ug/l	98
95) Naphthalene	15.233	128	62169	726.954	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	29197	755.098	ug/l	98

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Instrument :
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Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration

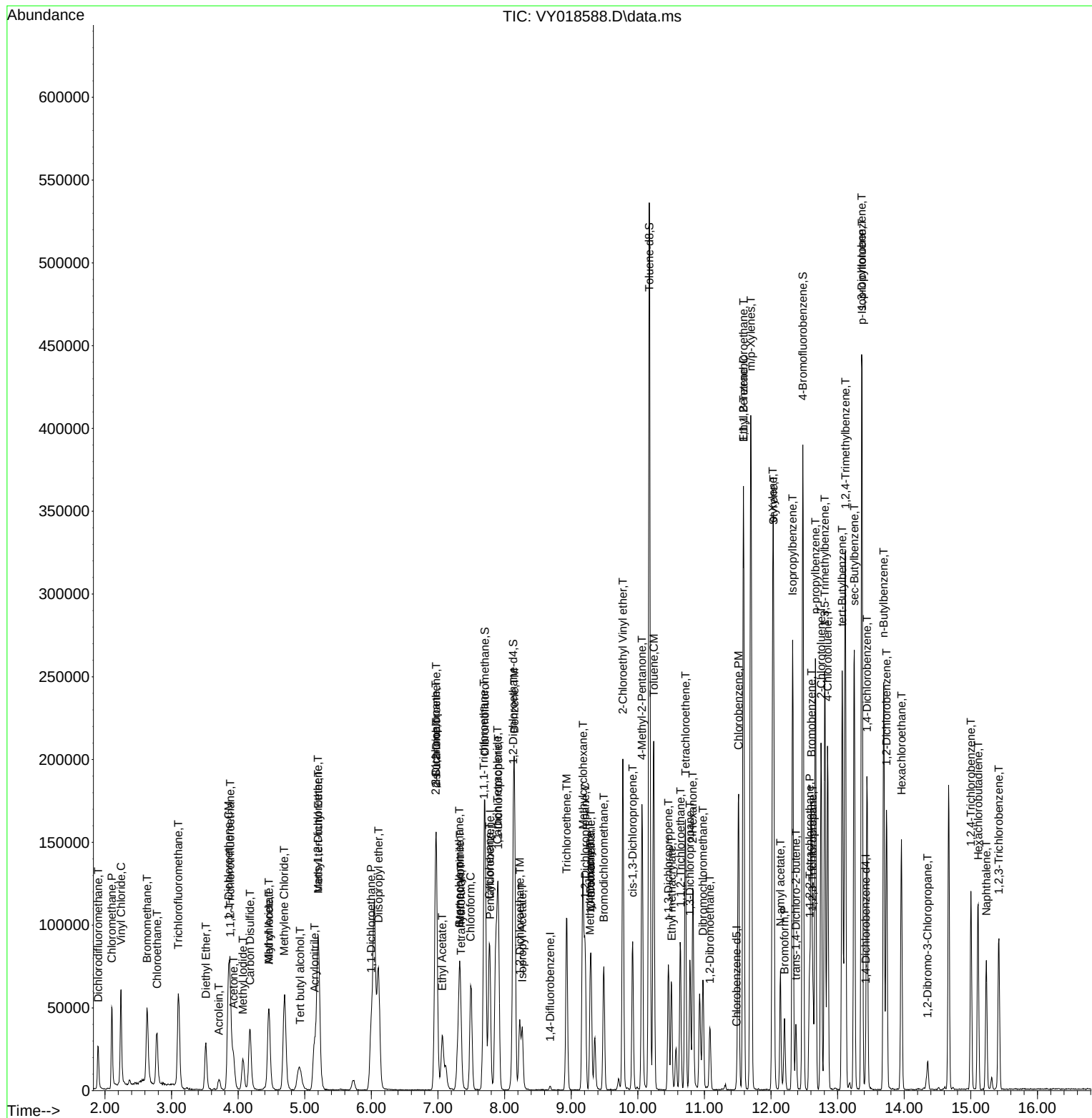
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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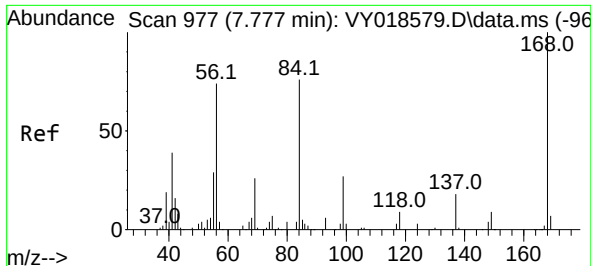
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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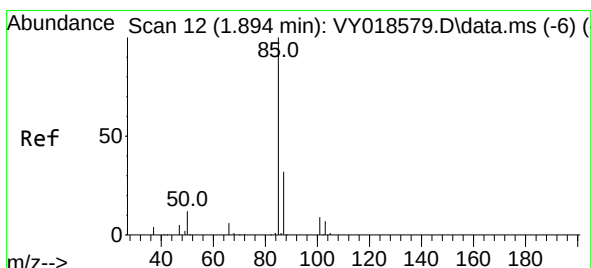
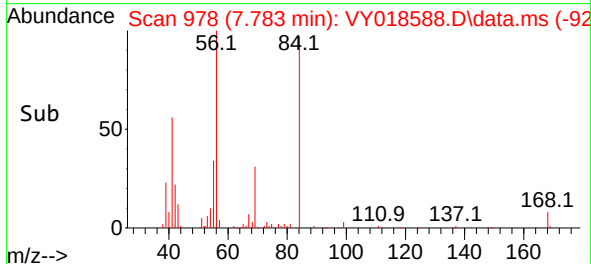
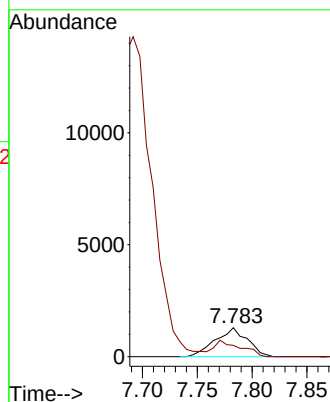
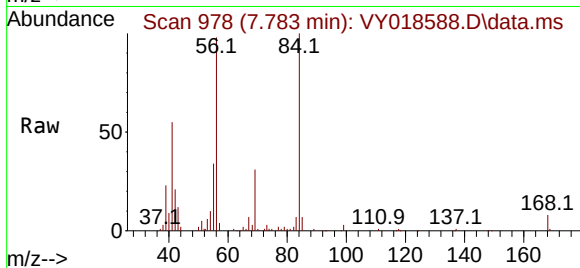




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018588.D
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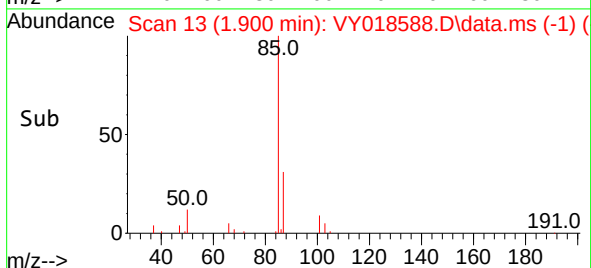
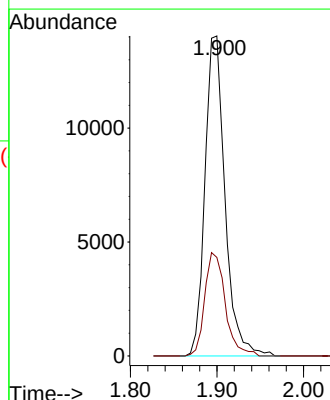
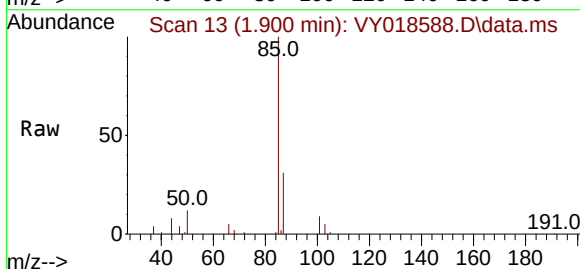
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

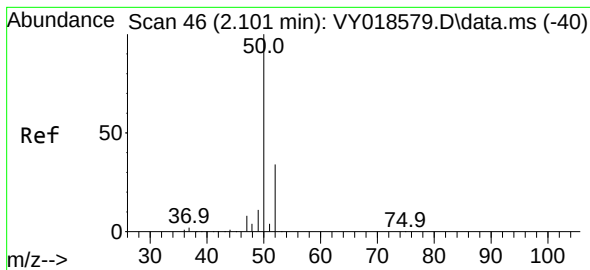
Tgt Ion:168 Resp: 2623
Ion Ratio Lower Upper
168 100
99 38.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 1305.353 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 85 Resp: 22551
Ion Ratio Lower Upper
85 100
87 30.8 16.0 48.0





#3

Chloromethane

Concen: 1145.593 ug/l

RT: 2.101 min Scan# 46

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

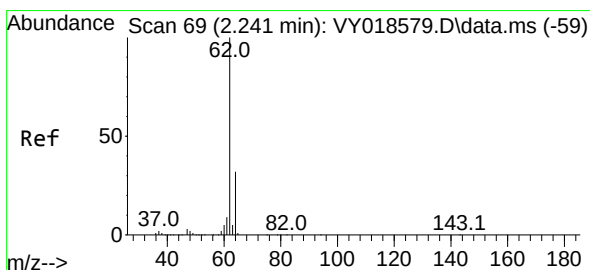
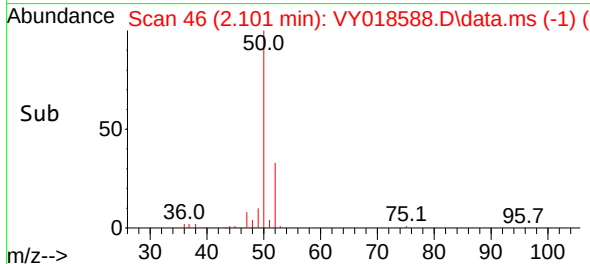
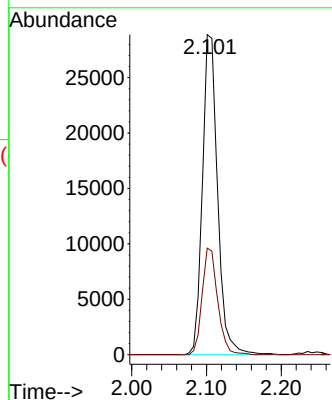
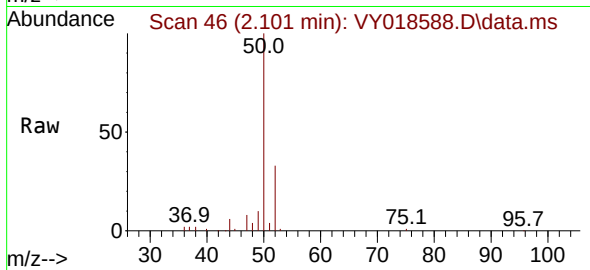
VY0614SBS02

Tgt Ion: 50 Resp: 40761

Ion Ratio Lower Upper

50 100

52 33.3 25.6 38.4



#4

Vinyl Chloride

Concen: 1222.362 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY018588.D

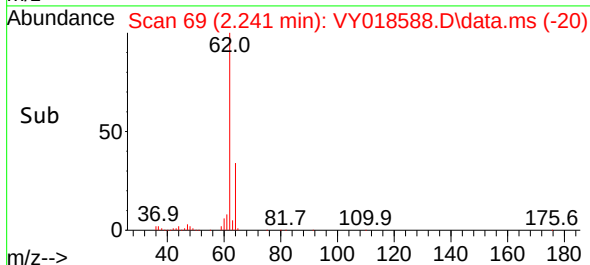
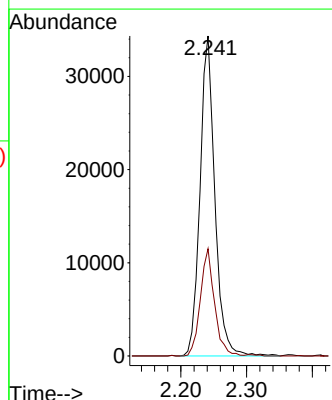
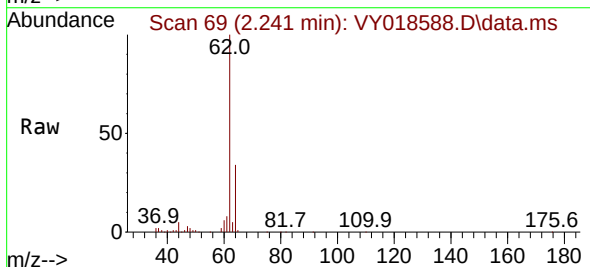
Acq: 14 Jun 2024 12:25

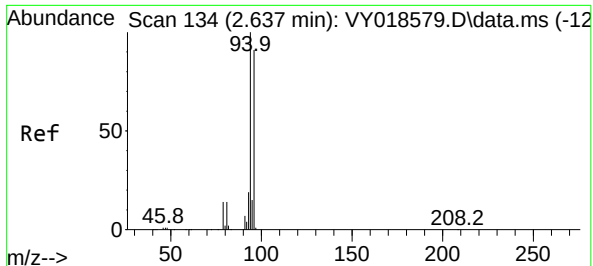
Tgt Ion: 62 Resp: 53861

Ion Ratio Lower Upper

62 100

64 33.5 26.1 39.1





#5

Bromomethane

Concen: 1104.075 ug/l

RT: 2.631 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

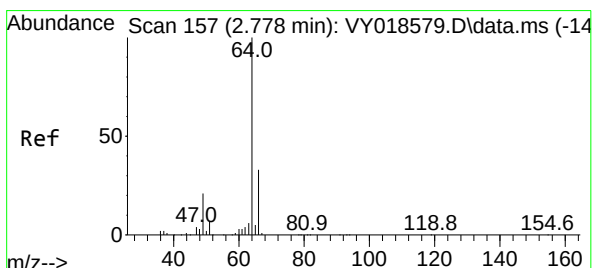
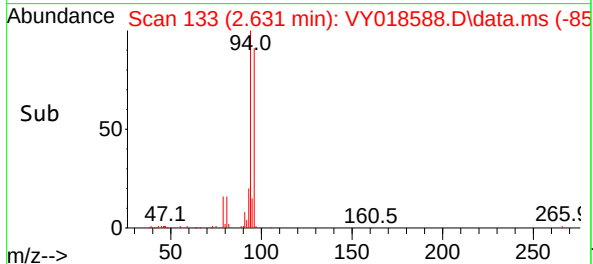
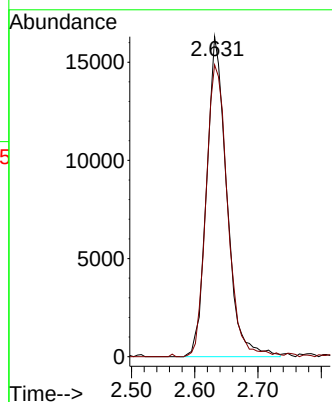
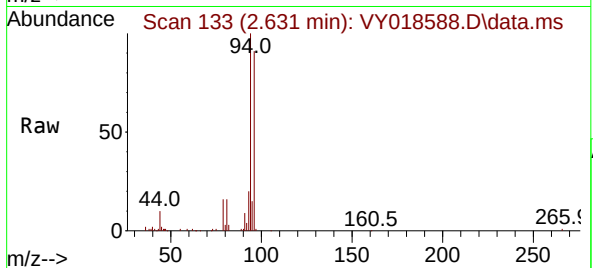
VY0614SBS02

Tgt Ion: 94 Resp: 36160

Ion Ratio Lower Upper

94 100

96 91.2 74.1 111.1



#6

Chloroethane

Concen: 1230.281 ug/l

RT: 2.784 min Scan# 158

Delta R.T. 0.006 min

Lab File: VY018588.D

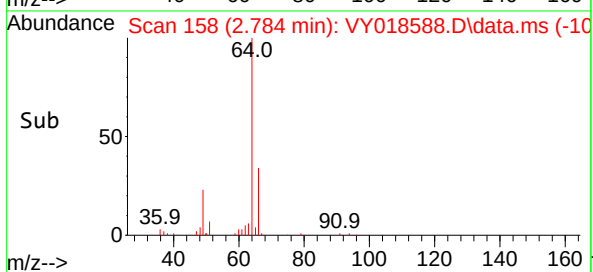
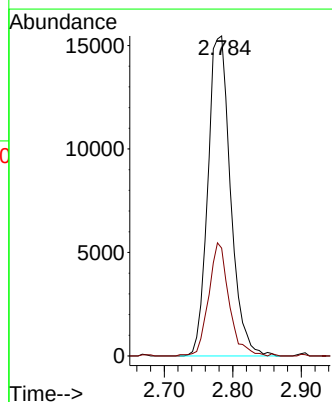
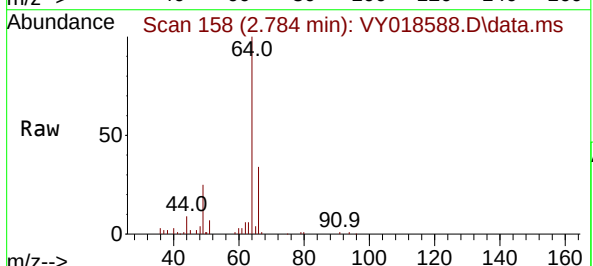
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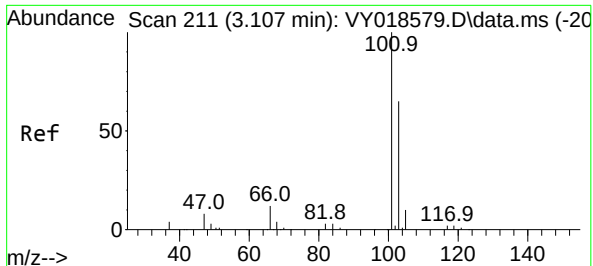
Tgt Ion: 64 Resp: 35512

Ion Ratio Lower Upper

64 100

66 33.7 26.1 39.1

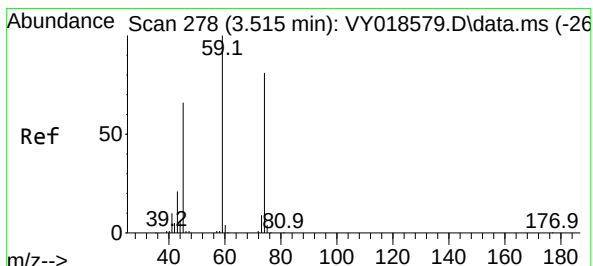
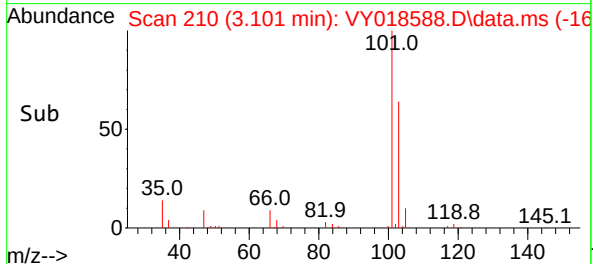
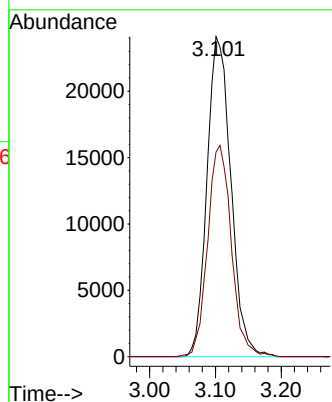
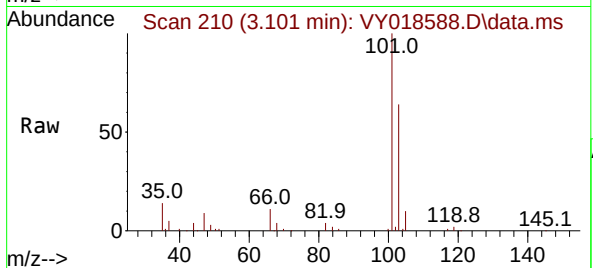




#7
Trichlorofluoromethane
Concen: 1284.671 ug/l
RT: 3.101 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

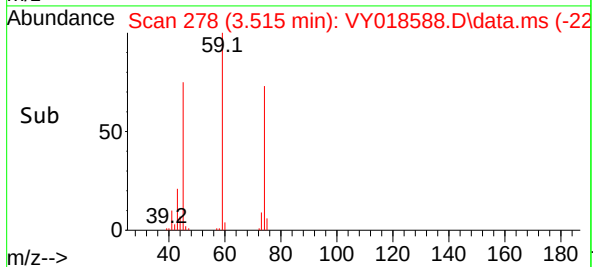
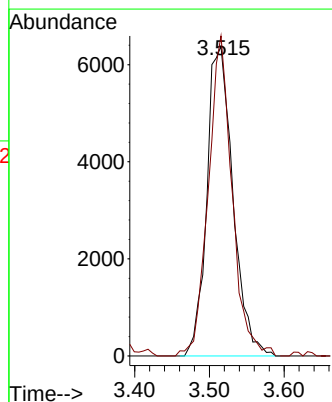
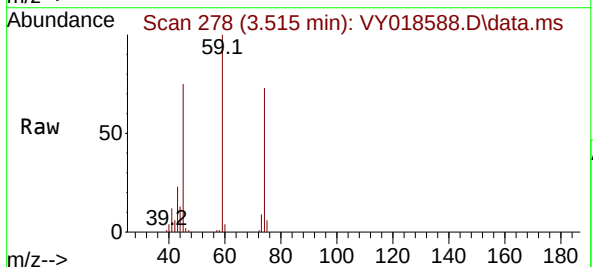
Instrument :
MSVOA_Y
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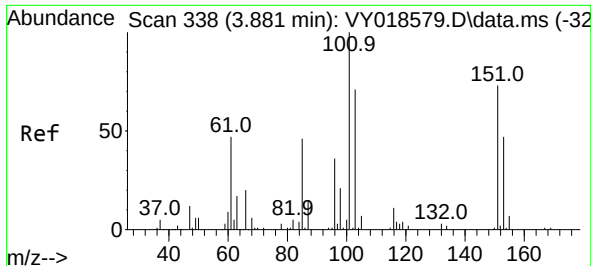
Tgt Ion:101 Resp: 60957
Ion Ratio Lower Upper
101 100
103 64.0 49.3 73.9



#8
Diethyl Ether
Concen: 1145.146 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 74 Resp: 15493
Ion Ratio Lower Upper
74 100
45 94.3 41.3 124.1

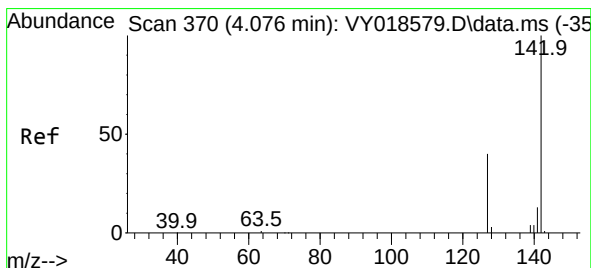
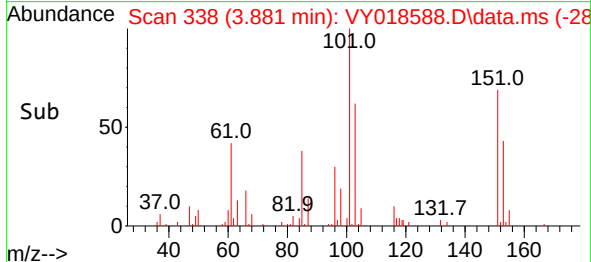
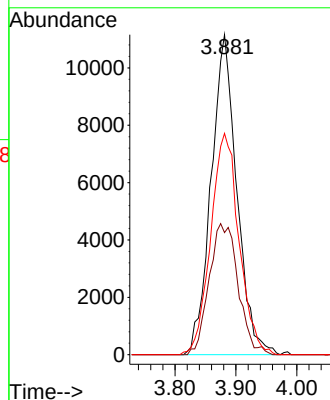
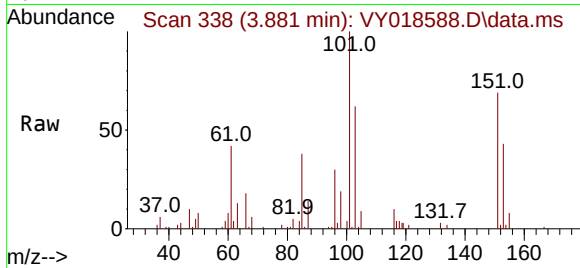




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1318.249 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

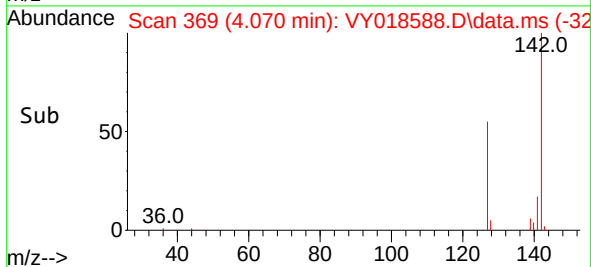
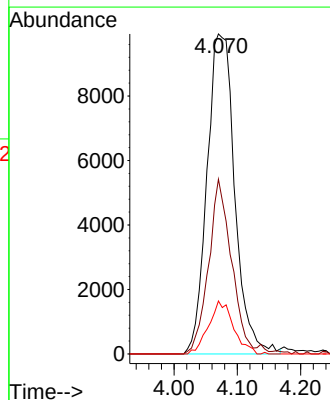
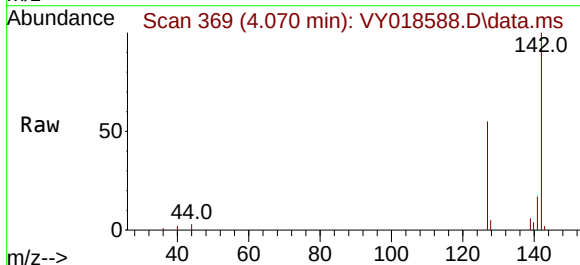
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

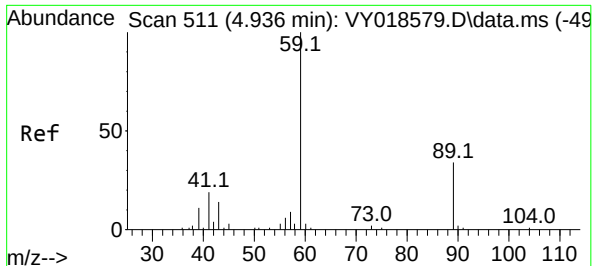
Tgt Ion:101 Resp: 32682
Ion Ratio Lower Upper
101 100
85 46.2 34.5 51.7
151 76.1 61.7 92.5



#10
Methyl Iodide
Concen: 995.237 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion:142 Resp: 30232
Ion Ratio Lower Upper
142 100
127 45.8 32.8 49.2
141 14.8 11.4 17.2

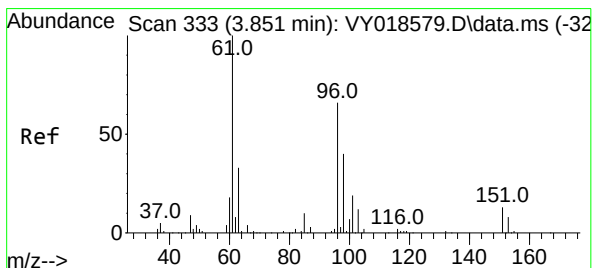
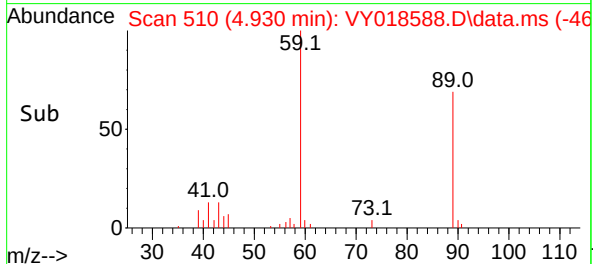
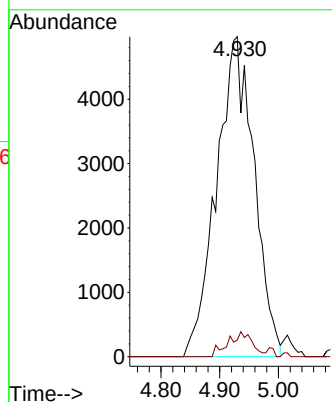
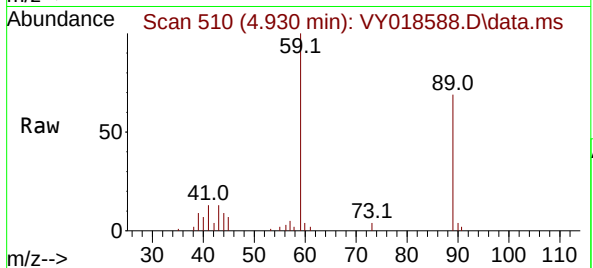




#11
Tert butyl alcohol
Concen: 4643.856 ug/l
RT: 4.930 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

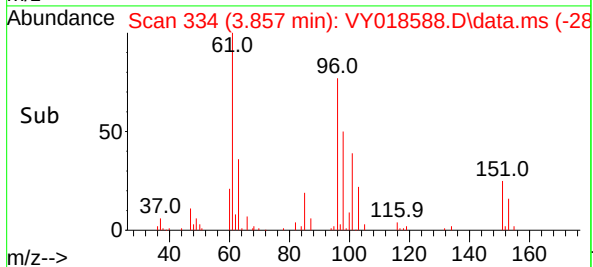
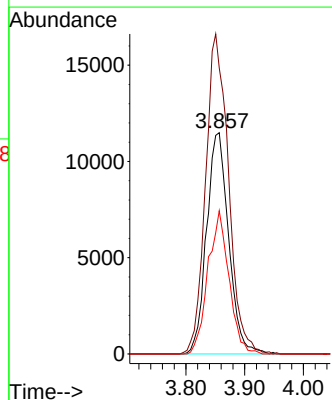
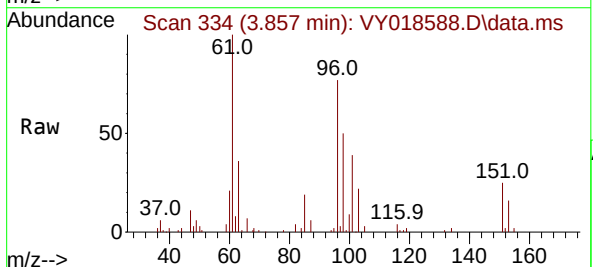
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

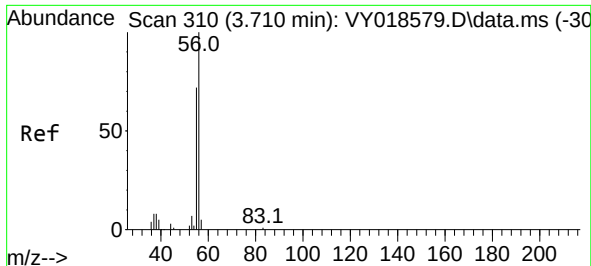
Tgt Ion: 59 Resp: 22059
Ion Ratio Lower Upper
59 100
57 4.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 1205.515 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.006 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 96 Resp: 30035
Ion Ratio Lower Upper
96 100
61 129.2 114.6 171.8
98 64.7 50.8 76.2





#13

Acrolein

Concen: 4710.089 ug/l

RT: 3.710 min Scan# 310

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

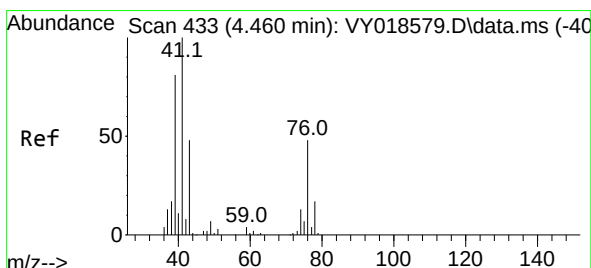
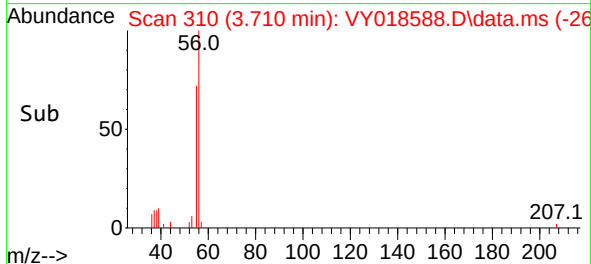
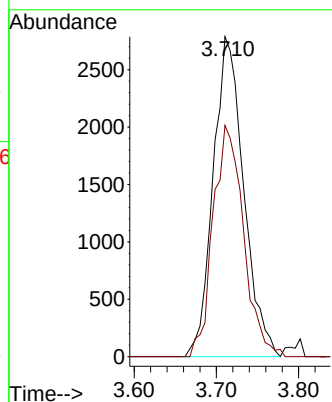
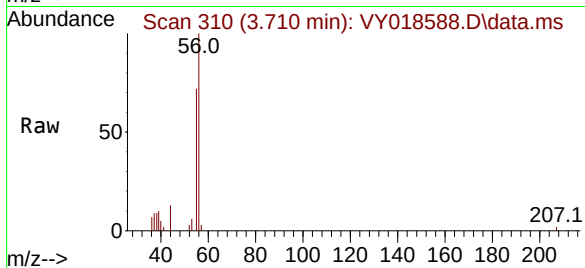
VY0614SBS02

Tgt Ion: 56 Resp: 7193

Ion Ratio Lower Upper

56 100

55 72.1 55.7 83.5



#14

Allyl chloride

Concen: 1155.785 ug/l

RT: 4.460 min Scan# 433

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

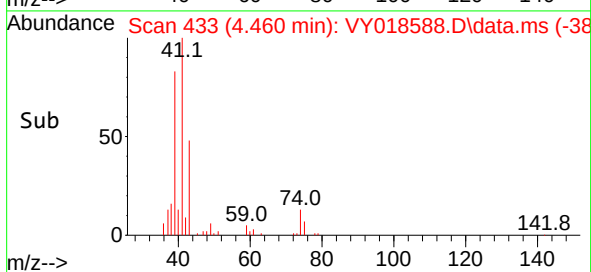
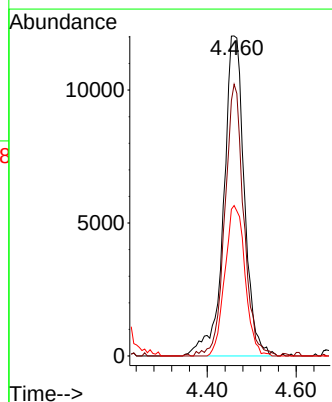
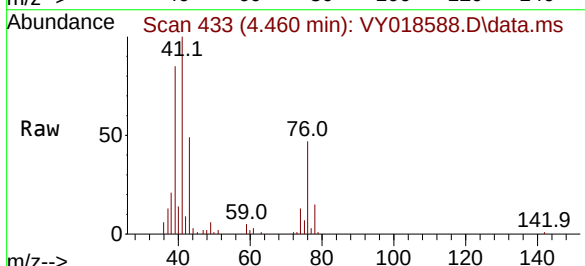
Tgt Ion: 41 Resp: 38821

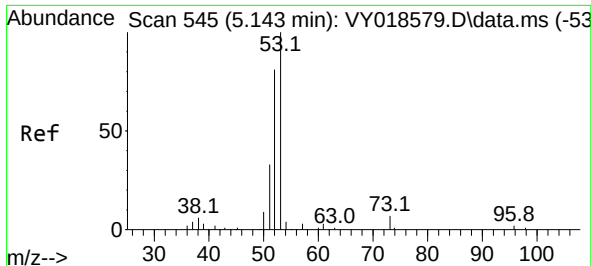
Ion Ratio Lower Upper

41 100

39 77.4 58.3 87.5

76 45.8 39.0 58.6

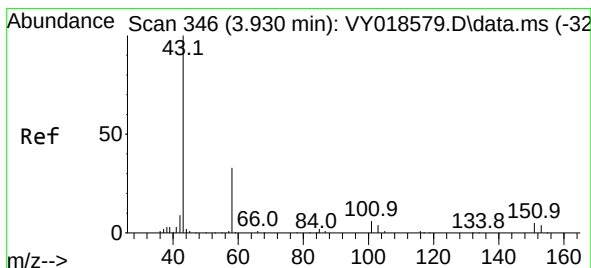
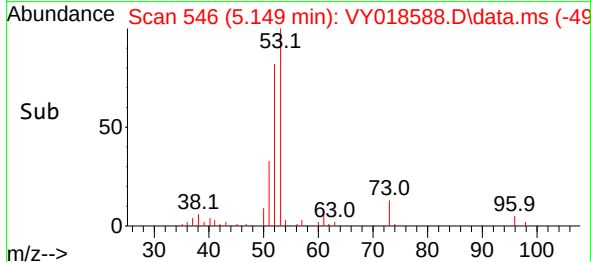
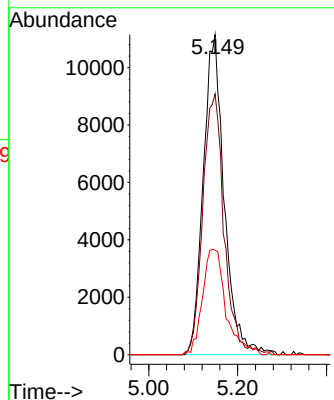
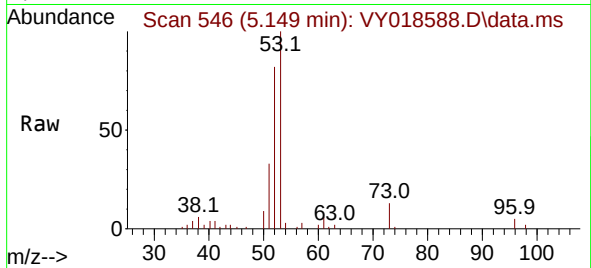




#15
Acrylonitrile
Concen: 6082.928 ug/l
RT: 5.149 min Scan# 545
Delta R.T. 0.006 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

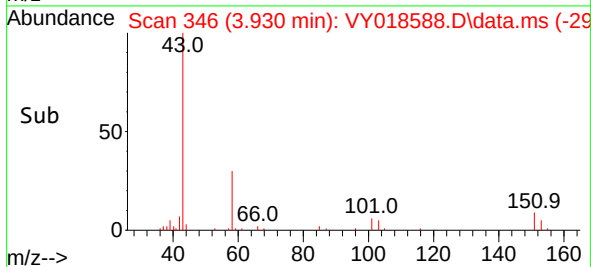
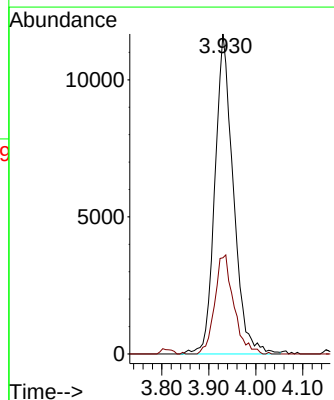
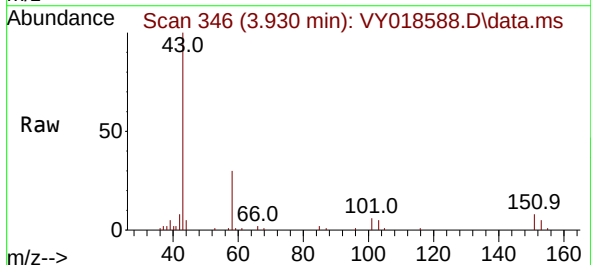
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

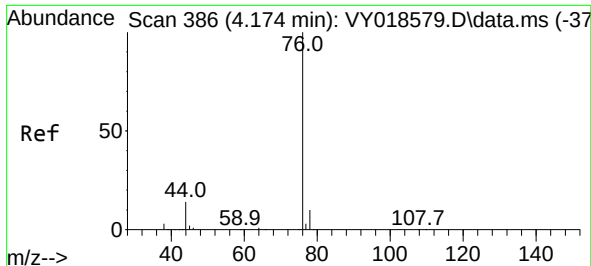
Tgt Ion:	53	Resp:	36611
Ion	Ratio	Lower	Upper
53	100		
52	82.1	64.7	97.1
51	36.8	28.4	42.6



#16
Acetone
Concen: 5915.555 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion:	43	Resp:	31783
Ion	Ratio	Lower	Upper
43	100		
58	30.0	31.7	47.5

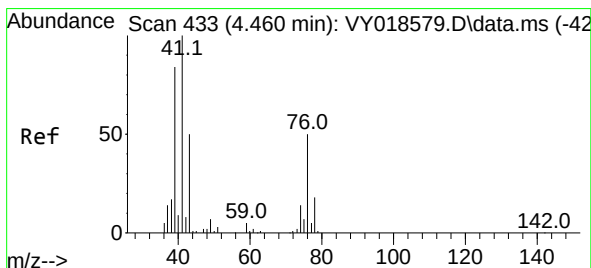
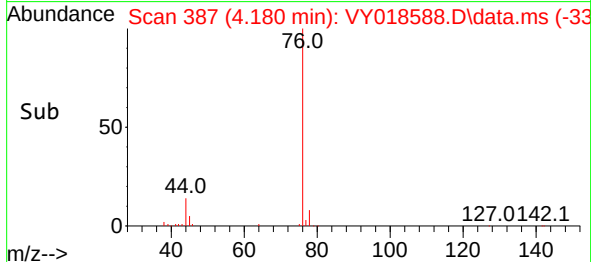
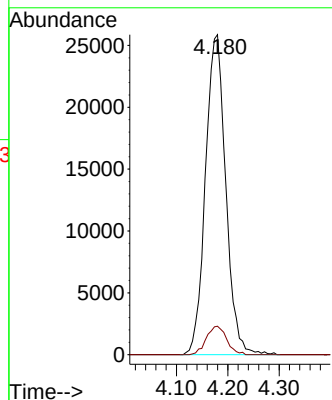
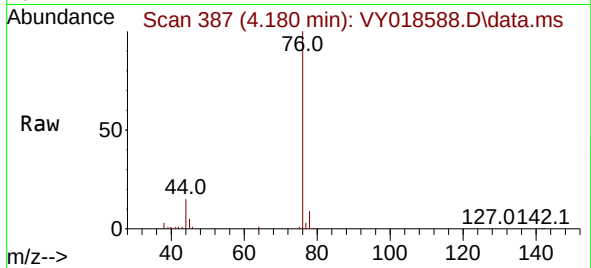




#17
Carbon Disulfide
Concen: 899.935 ug/l
RT: 4.180 min Scan# 386
Delta R.T. 0.006 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

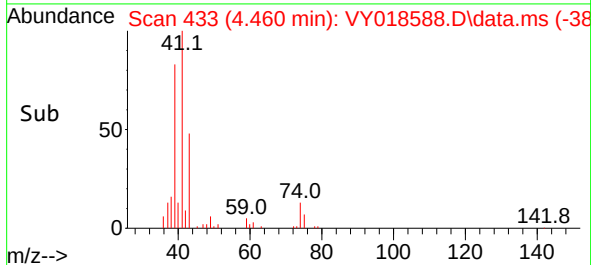
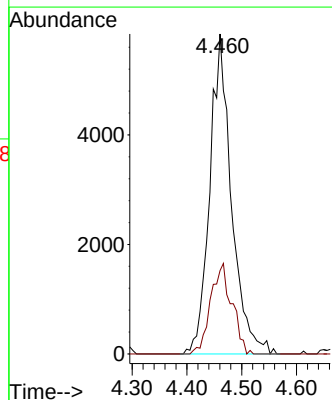
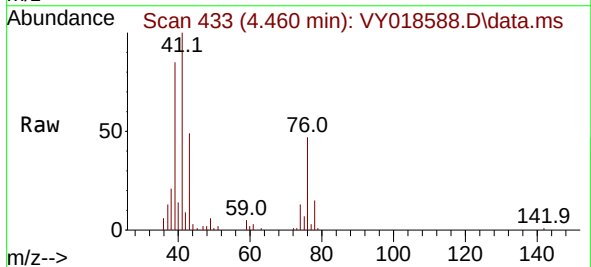
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

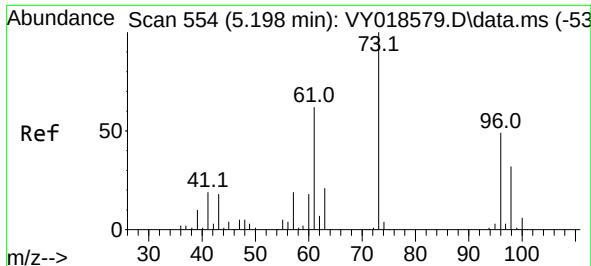
Tgt Ion: 76 Resp: 70982
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 1180.811 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 43 Resp: 16092
Ion Ratio Lower Upper
43 100
74 27.6 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 1212.689 ug/l

RT: 5.204 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

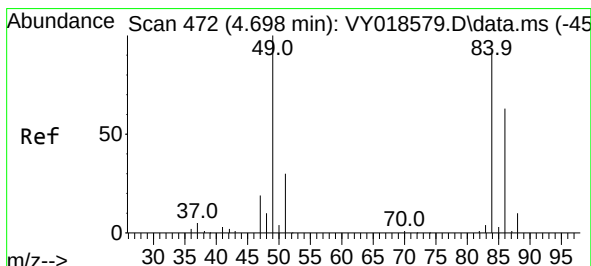
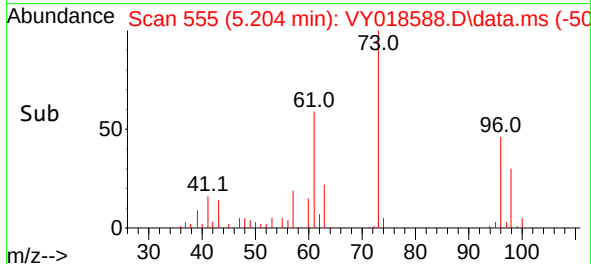
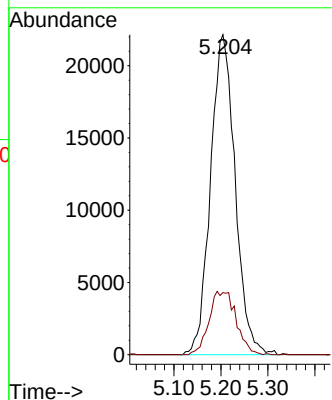
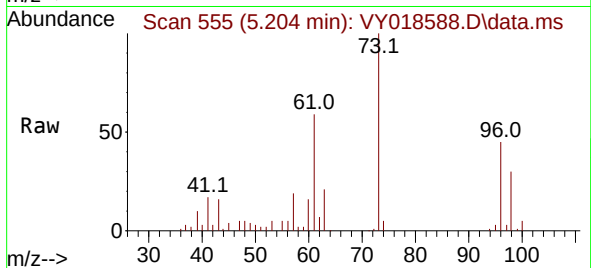
VY0614SBS02

Tgt Ion: 73 Resp: 80596

Ion Ratio Lower Upper

73 100

57 19.4 17.3 25.9



#20

Methylene Chloride

Concen: 1607.529 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.006 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Tgt Ion: 84 Resp: 43987

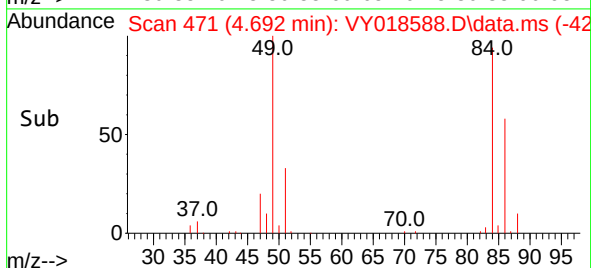
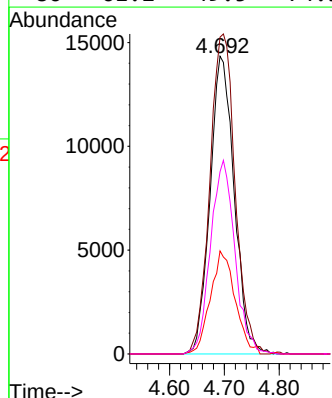
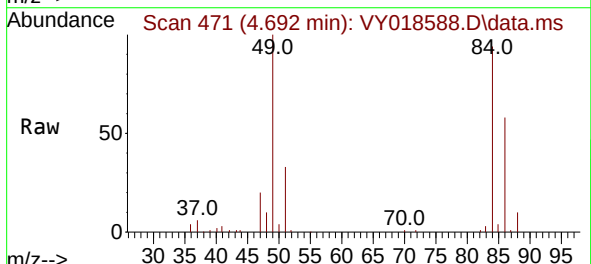
Ion Ratio Lower Upper

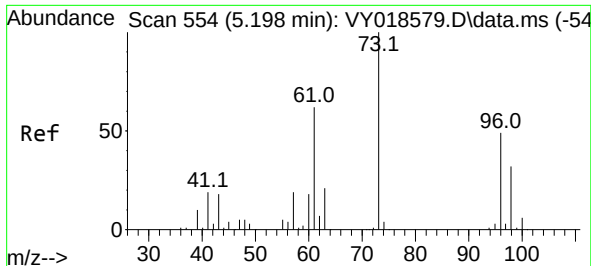
84 100

49 106.4 84.4 126.6

51 34.6 26.0 39.0

86 61.2 49.5 74.3

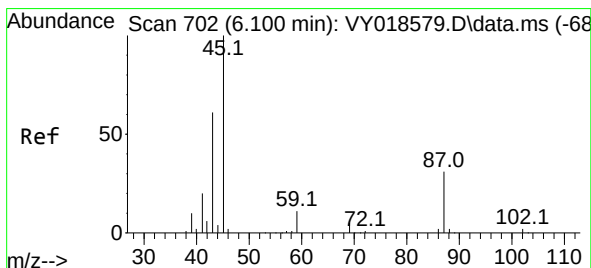
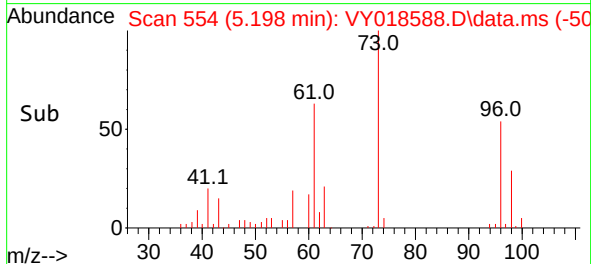
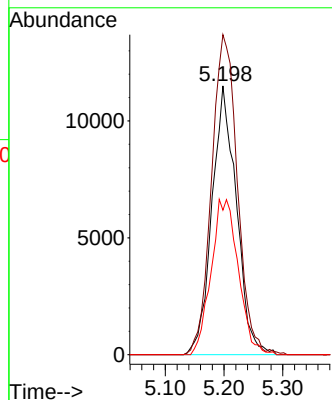
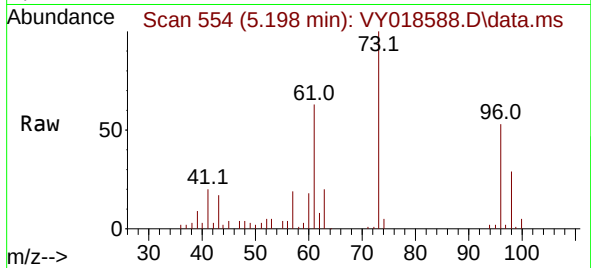




#21
trans-1,2-Dichloroethene
Concen: 1173.193 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

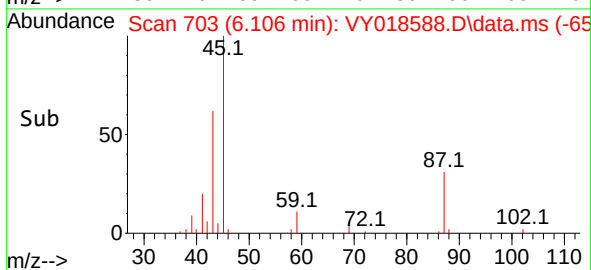
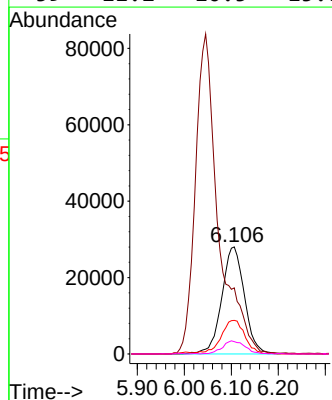
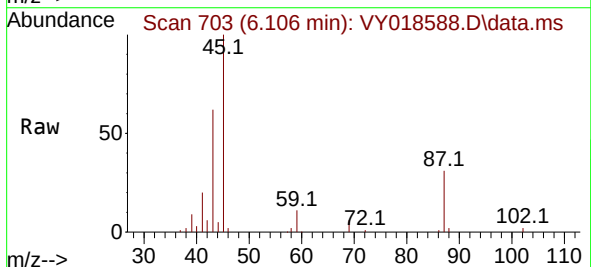
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

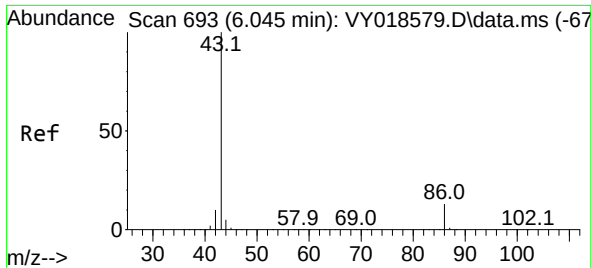
Tgt Ion: 96 Resp: 33274
Ion Ratio Lower Upper
96 100
61 119.1 97.5 146.3
98 53.8 50.5 75.7



#22
Diisopropyl ether
Concen: 1236.720 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 45 Resp: 93777
Ion Ratio Lower Upper
45 100
43 61.0 42.2 63.2
87 31.3 25.0 37.6
59 11.2 10.5 15.7

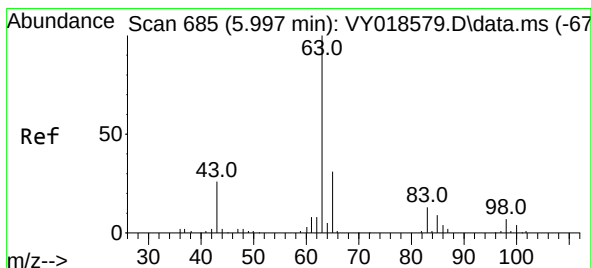
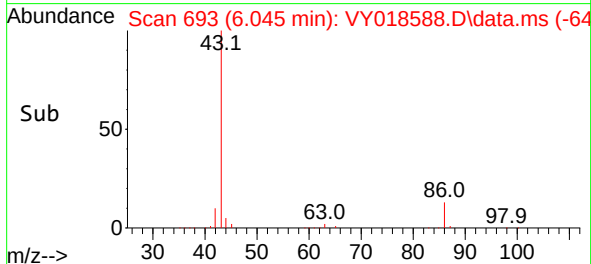
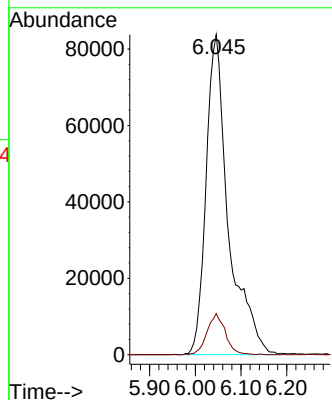
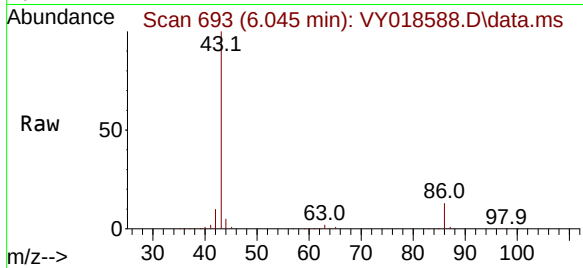




#23
 Vinyl Acetate
 Concen: Below Cal
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018588.D
 Acq: 14 Jun 2024 12:25

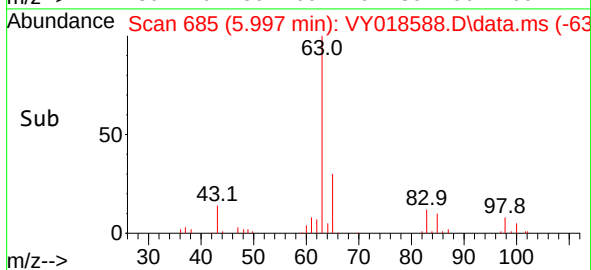
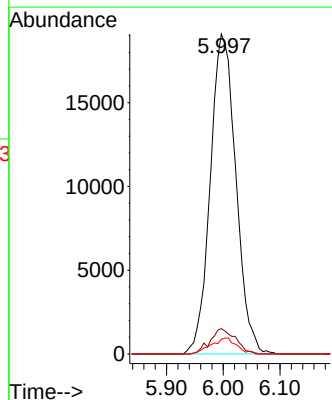
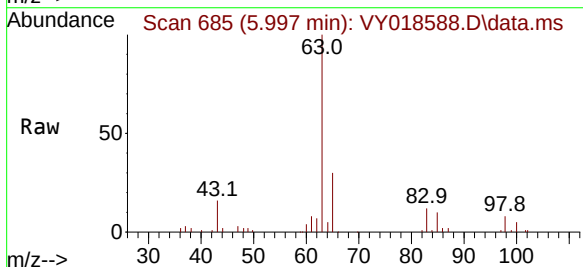
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBS02

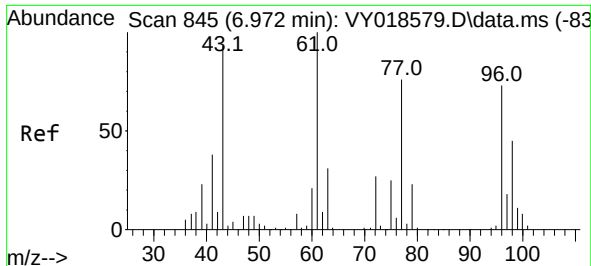
Tgt Ion: 43 Resp: 285482
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 1227.174 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: VY018588.D
 Acq: 14 Jun 2024 12:25

Tgt Ion: 63 Resp: 59949
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 4.6 2.6 8.0





#25

2-Butanone

Concen: 5985.181 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

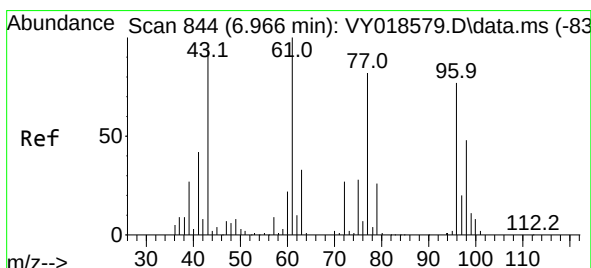
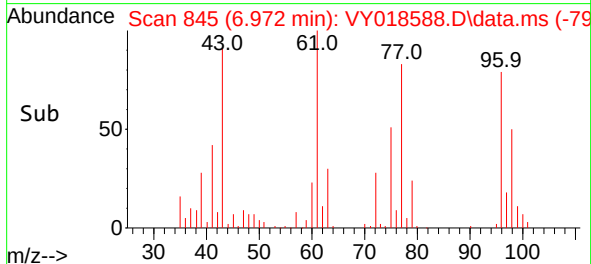
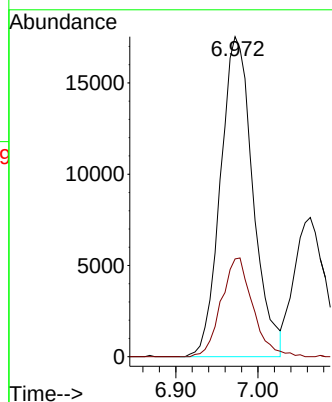
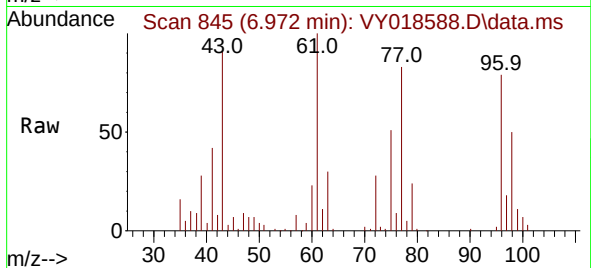
VY0614SBS02

Tgt Ion: 43 Resp: 48202

Ion Ratio Lower Upper

43 100

72 30.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 1185.171 ug/l

RT: 6.966 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY018588.D

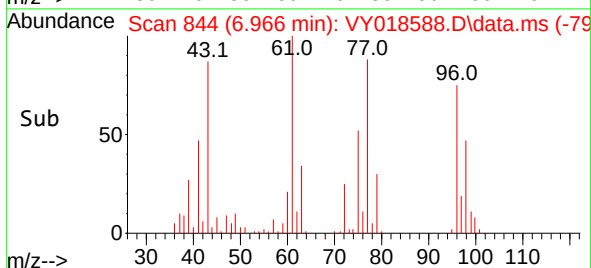
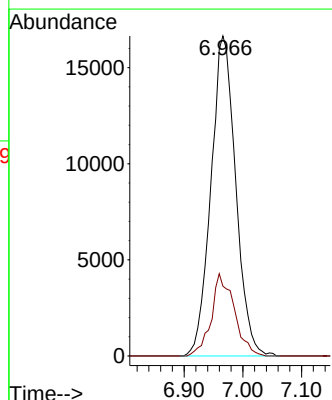
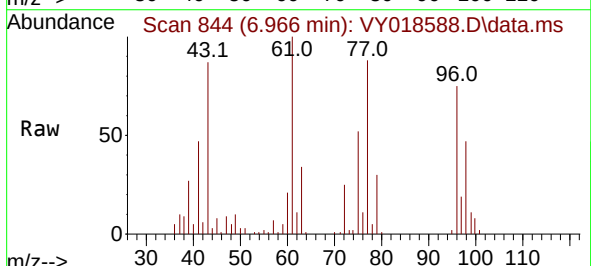
Acq: 14 Jun 2024 12:25

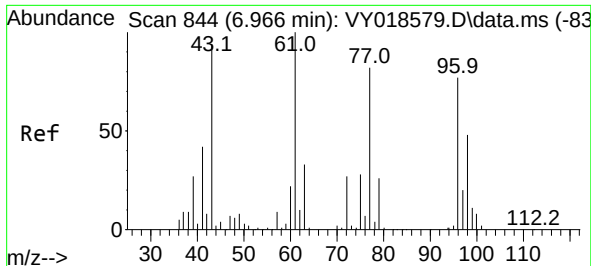
Tgt Ion: 77 Resp: 48779

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 1182.798 ug/l

RT: 6.972 min Scan# 844

Delta R.T. 0.006 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

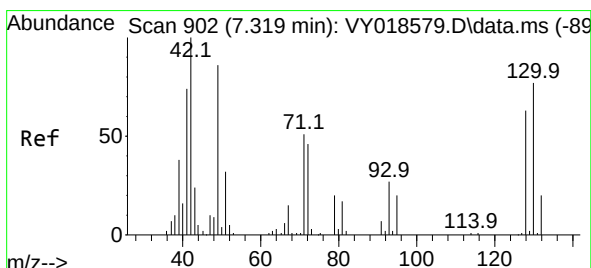
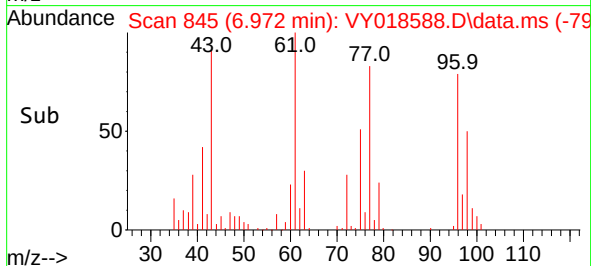
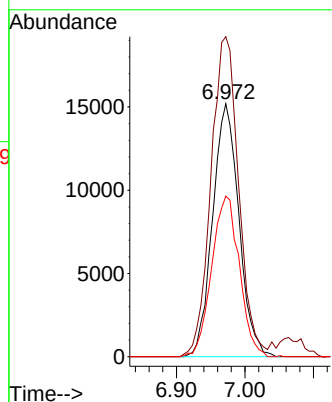
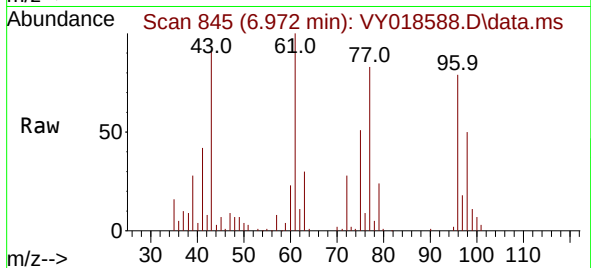
Tgt Ion: 96 Resp: 40520

Ion Ratio Lower Upper

96 100

61 133.1 0.0 256.2

98 66.6 0.0 130.0



#28

Bromochloromethane

Concen: 1216.466 ug/l

RT: 7.320 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

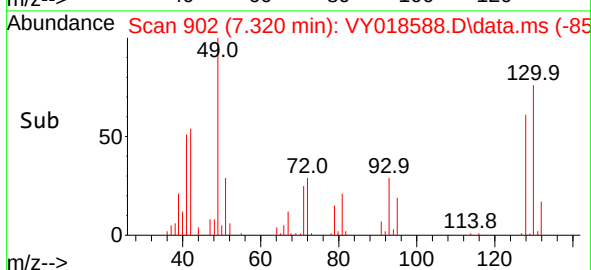
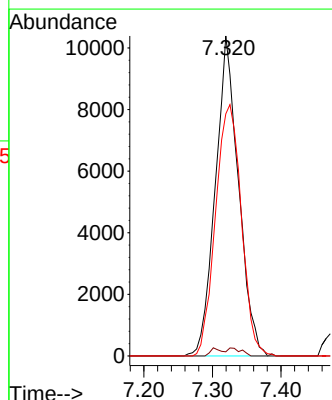
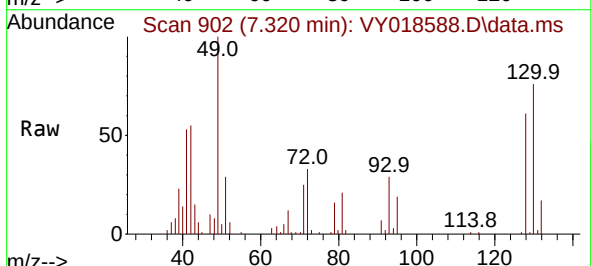
Tgt Ion: 49 Resp: 24357

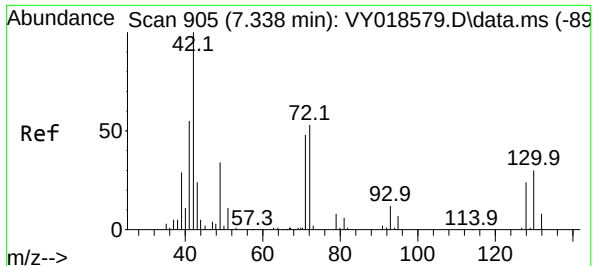
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.6

130 87.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 6040.290 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

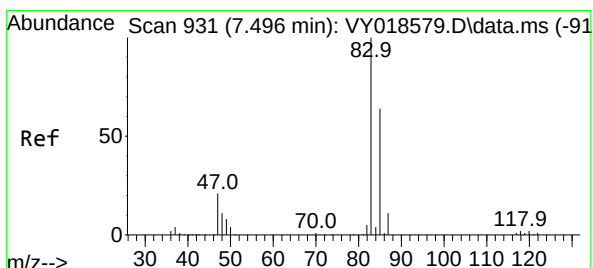
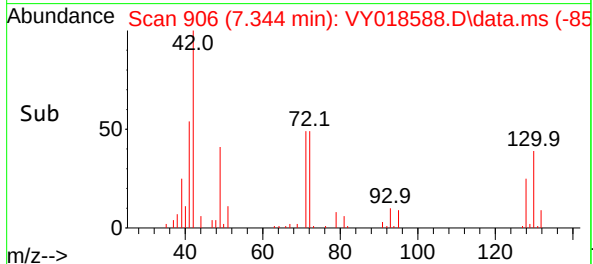
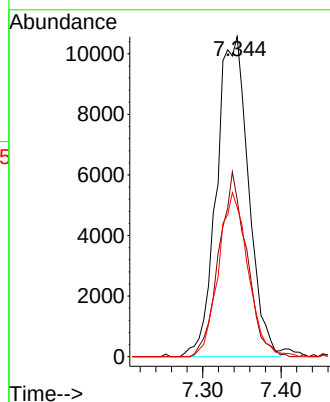
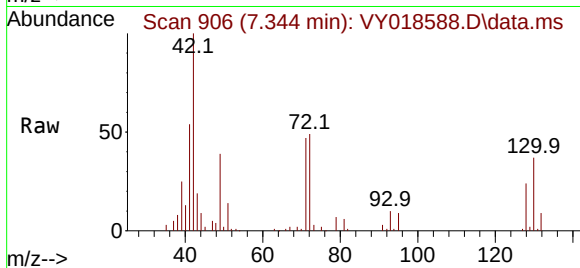
Tgt Ion: 42 Resp: 29853

Ion Ratio Lower Upper

42 100

72 50.5 43.0 64.4

71 47.8 40.8 61.2



#30

Chloroform

Concen: 1195.033 ug/l

RT: 7.490 min Scan# 930

Delta R.T. -0.006 min

Lab File: VY018588.D

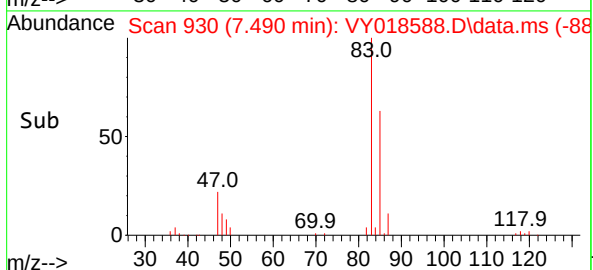
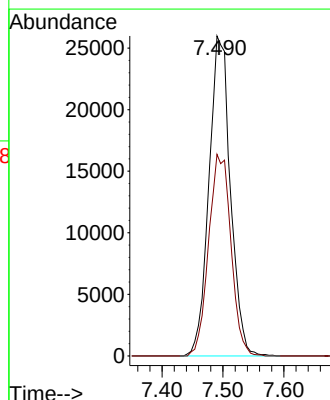
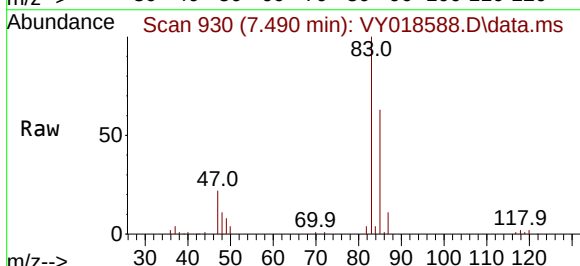
Acq: 14 Jun 2024 12:25

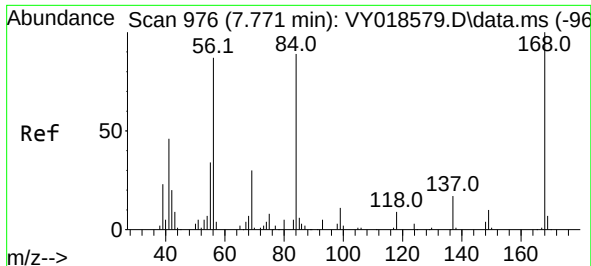
Tgt Ion: 83 Resp: 63622

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.4



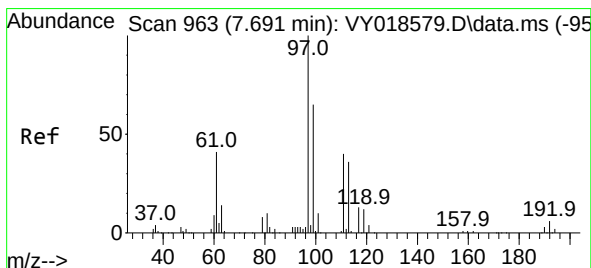
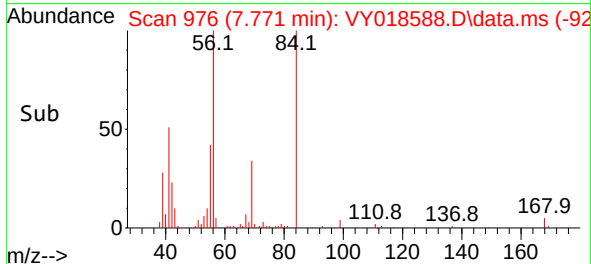
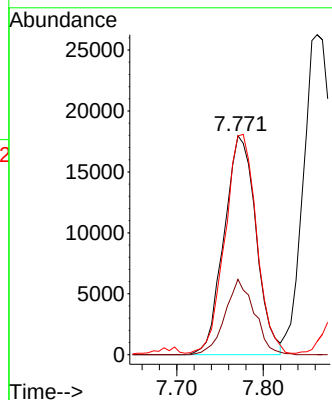
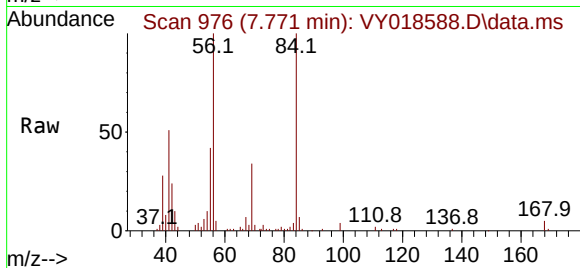


#31
Cyclohexane
Concen: 1140.160 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

Tgt Ion: 56 Resp: 46122

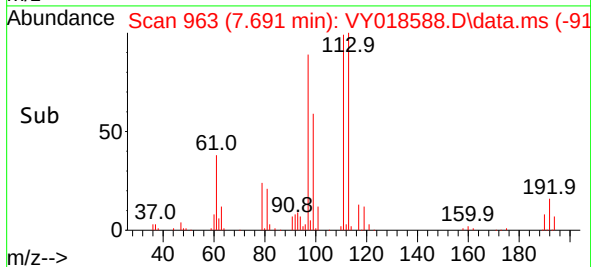
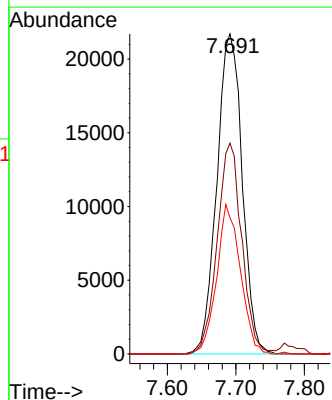
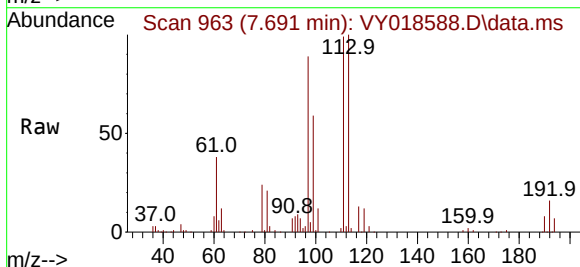
Ion	Ratio	Lower	Upper
56	100		
69	34.5	28.7	43.1
84	98.8	77.7	116.5

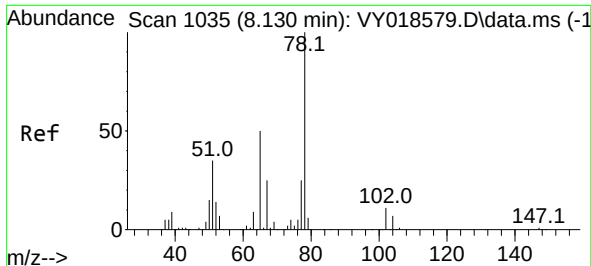


#32
1,1,1-Trichloroethane
Concen: 1233.639 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 97 Resp: 55796

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.3	75.5
61	43.8	32.6	48.8





#33

1,2-Dichloroethane-d4

Concen: 3286.753 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

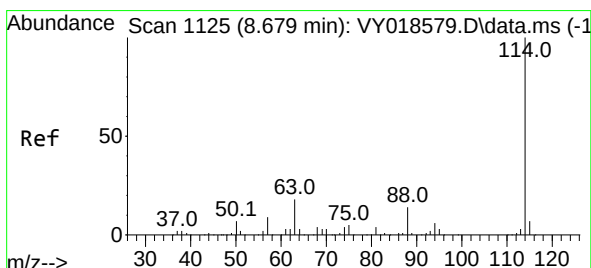
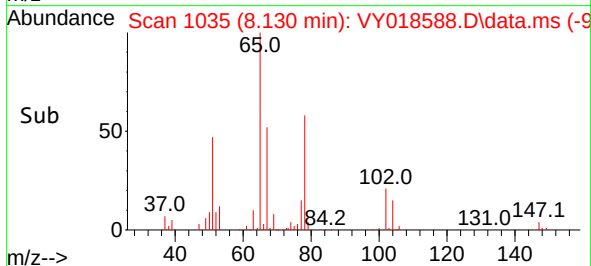
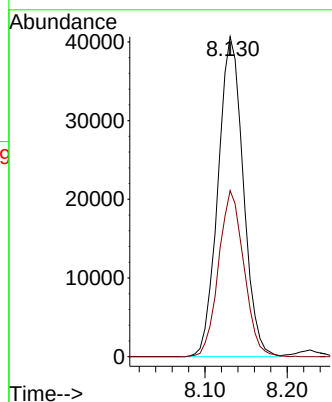
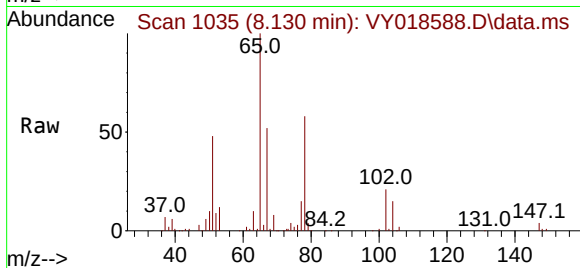
VY0614SBS02

Tgt Ion: 65 Resp: 86797

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

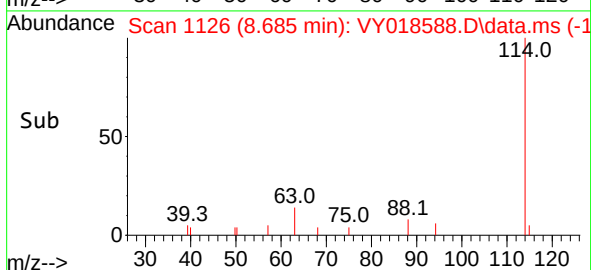
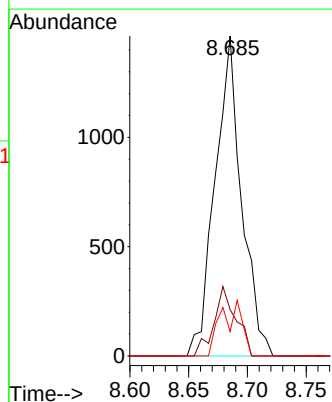
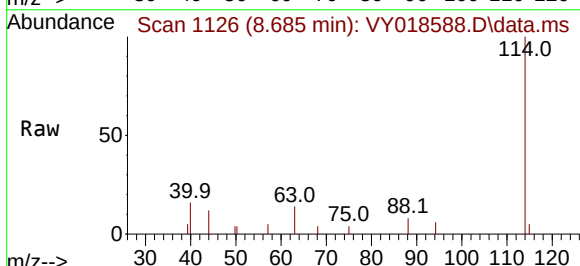
Tgt Ion: 114 Resp: 2296

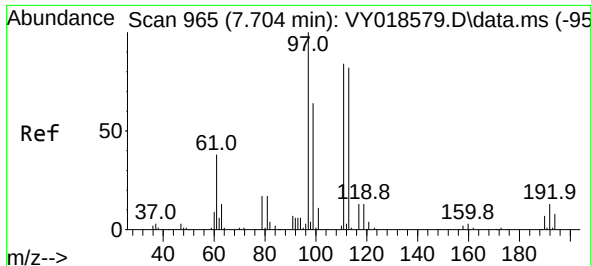
Ion Ratio Lower Upper

114 100

63 14.5 0.0 35.0

88 7.7 0.0 27.2

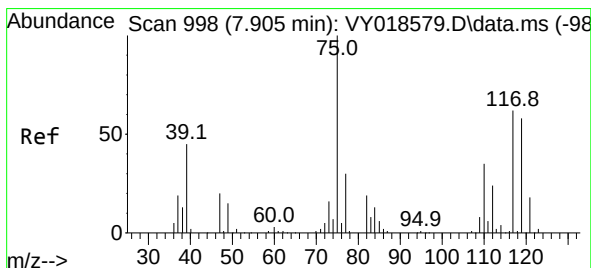
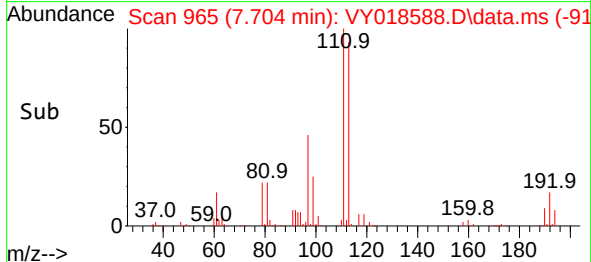
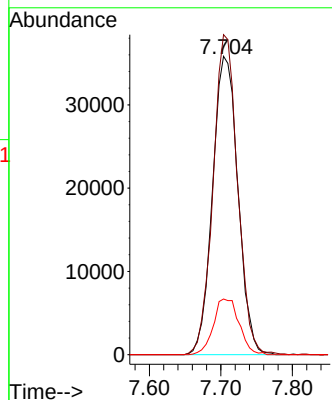
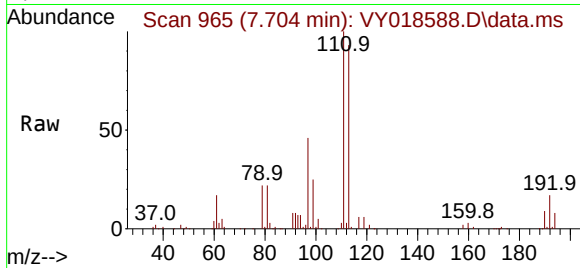




#35
Dibromofluoromethane
Concen: 6313.075 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

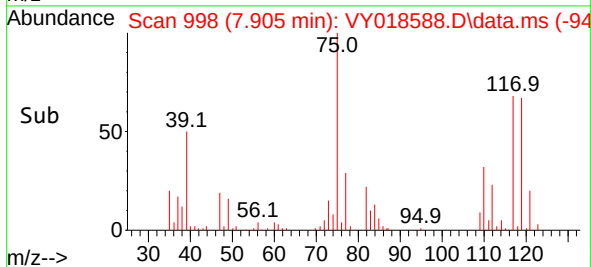
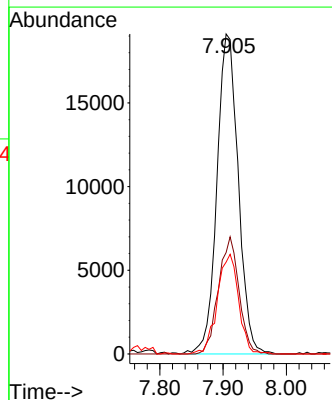
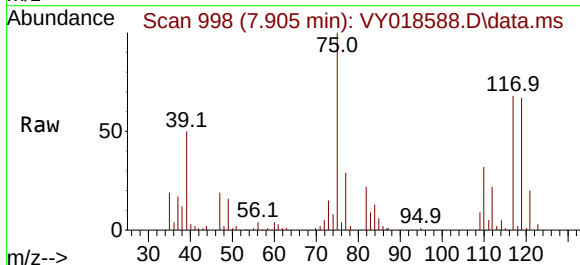
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

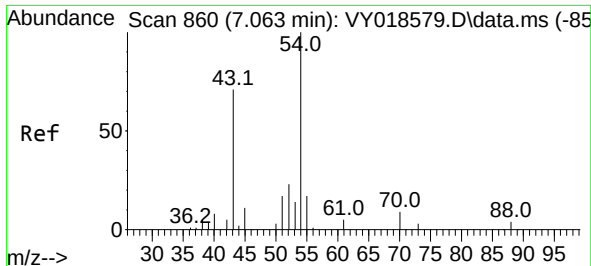
Tgt Ion:	113	Resp:	88421
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	18.9	15.9	23.9



#36
1,1-Dichloropropene
Concen: 2316.851 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion:	75	Resp:	44666
Ion	Ratio	Lower	Upper
75	100		
110	35.4	19.0	57.0
77	31.2	25.3	37.9





#37

Ethyl Acetate

Concen: 2329.440 ug/l

RT: 7.064 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

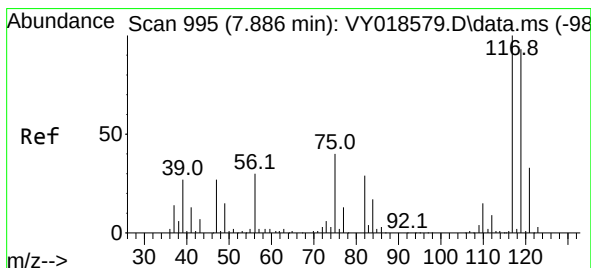
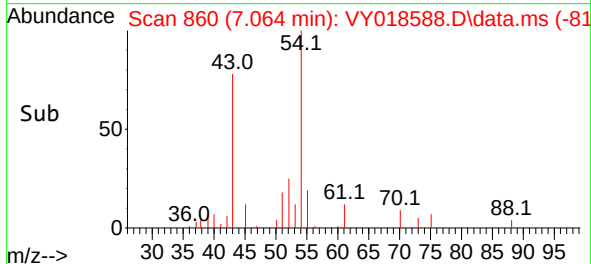
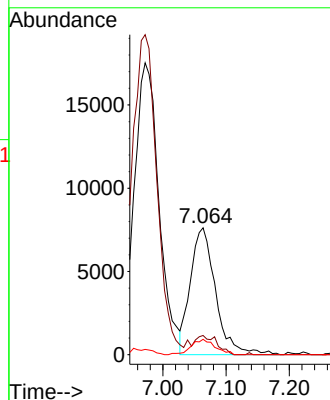
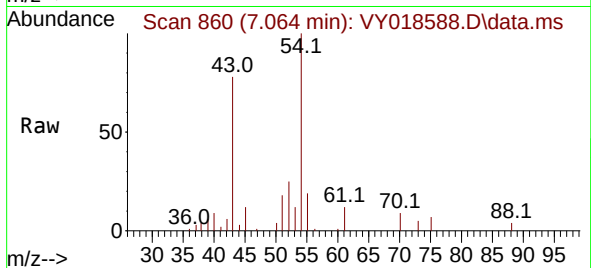
Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

Tgt Ion:	43	Resp:	21170
Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.6	19.0
70	11.4	7.8	11.8



#38

Carbon Tetrachloride

Concen: 2433.858 ug/l

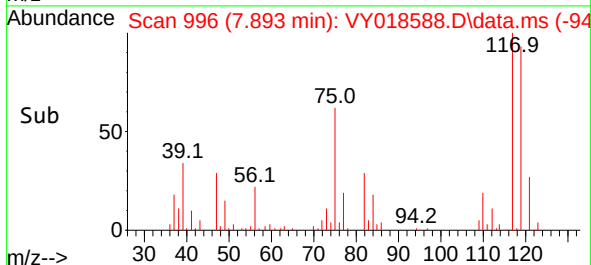
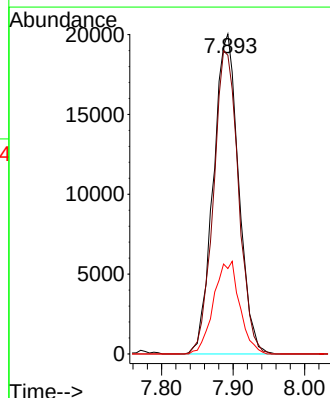
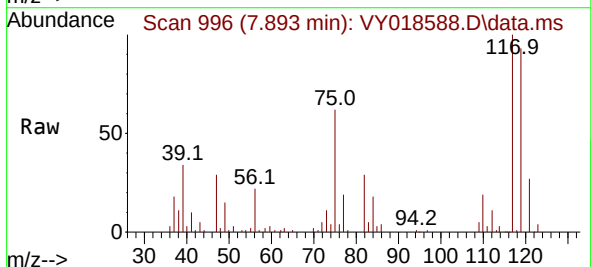
RT: 7.893 min Scan# 996

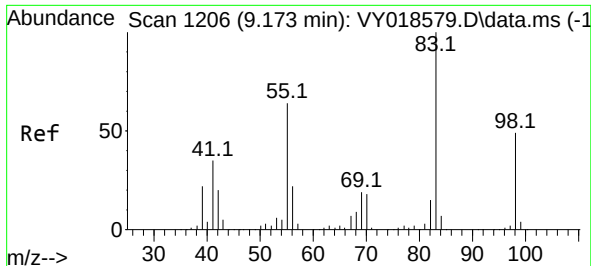
Delta R.T. 0.006 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Tgt Ion:	117	Resp:	49227
Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.8	113.6
121	26.7	24.0	36.0





#39

Methylcyclohexane

Concen: 2355.466 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

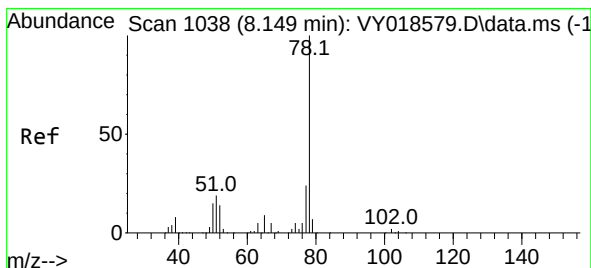
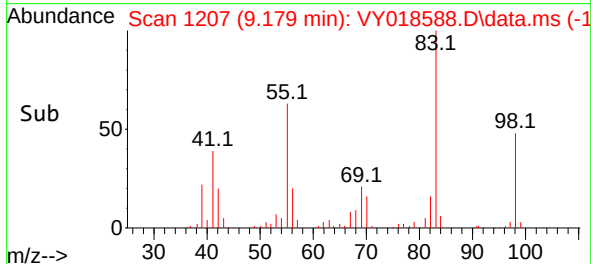
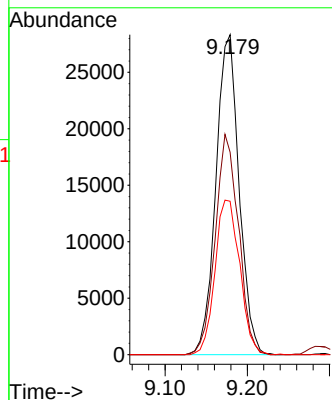
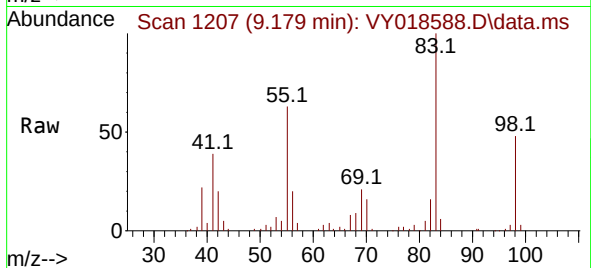
Tgt Ion: 83 Resp: 55641

Ion Ratio Lower Upper

83 100

55 63.2 51.5 77.3

98 48.0 40.5 60.7



#40

Benzene

Concen: 2319.076 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY018588.D

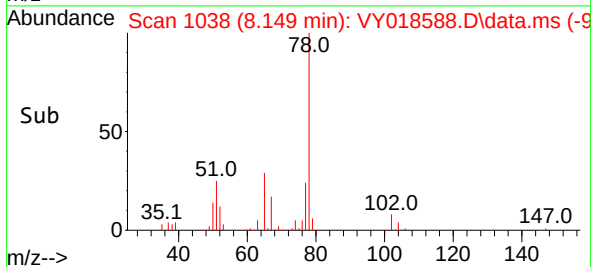
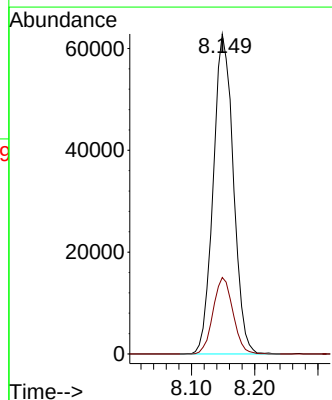
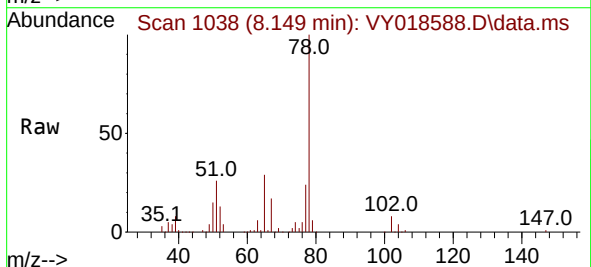
Acq: 14 Jun 2024 12:25

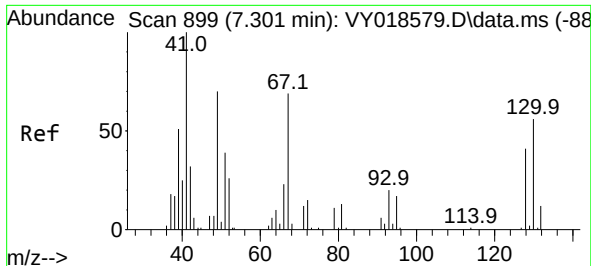
Tgt Ion: 78 Resp: 138270

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3

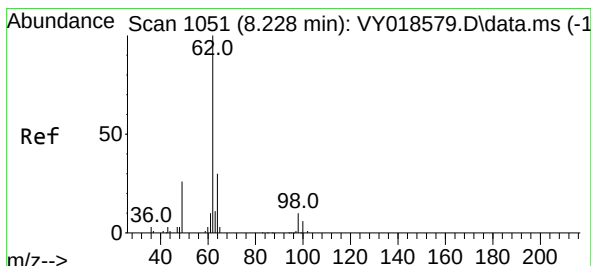
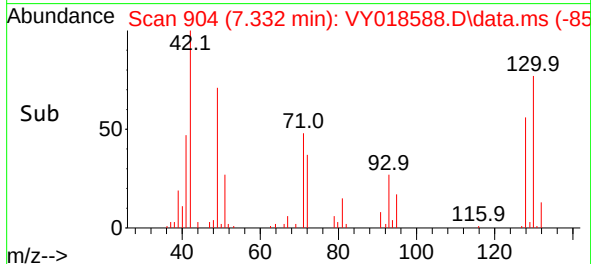
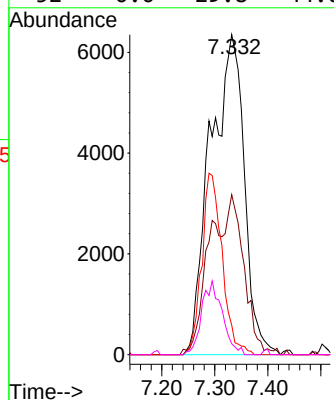
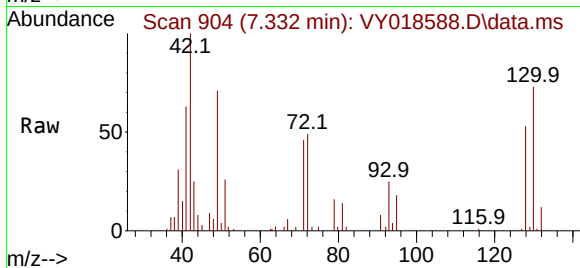




#41
Methacrylonitrile
Concen: 6136.738 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.031 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

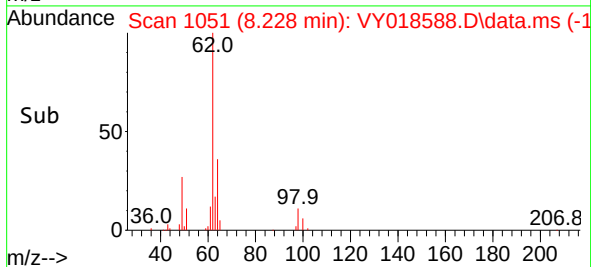
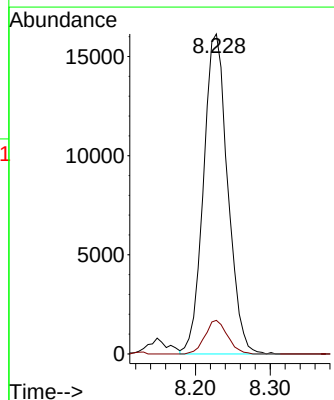
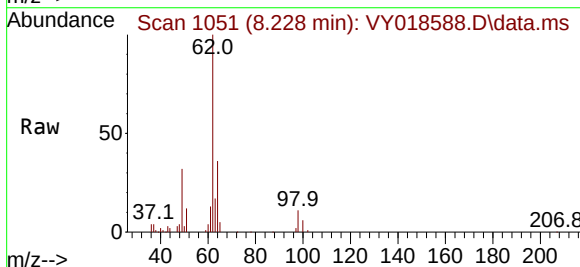
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

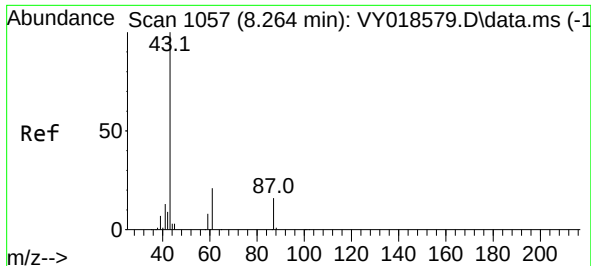
Tgt Ion:	41	Resp:	28050
Ion	Ratio	Lower	Upper
41	100		
39	24.7	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 2332.777 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion:	62	Resp:	36286
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	22.0





#43

Isopropyl Acetate

Concen: 2337.685 ug/l

RT: 8.265 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

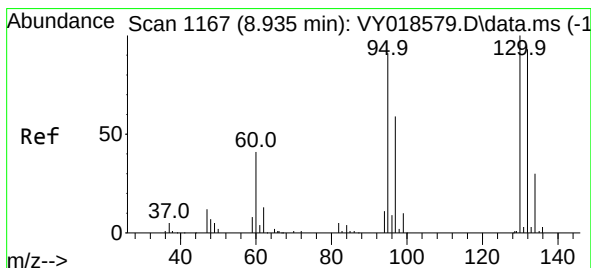
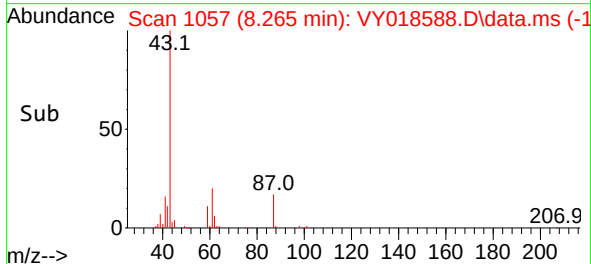
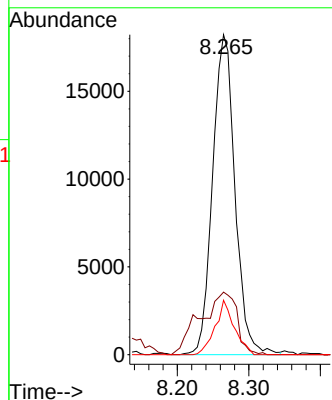
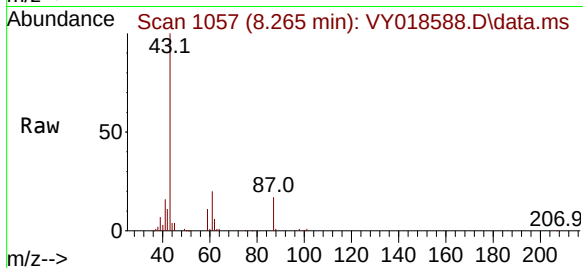
Tgt Ion: 43 Resp: 39653

Ion Ratio Lower Upper

43 100

61 19.4 27.9 41.9#

87 14.5 13.1 19.7



#44

Trichloroethene

Concen: 2293.867 ug/l

RT: 8.929 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VY018588.D

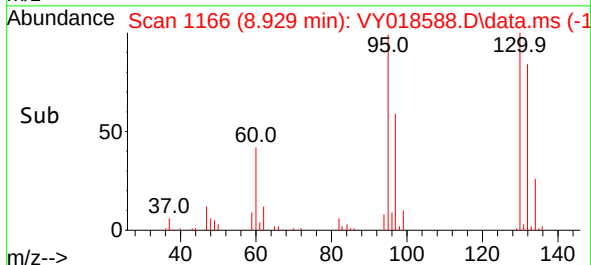
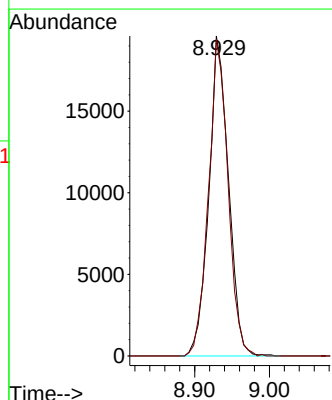
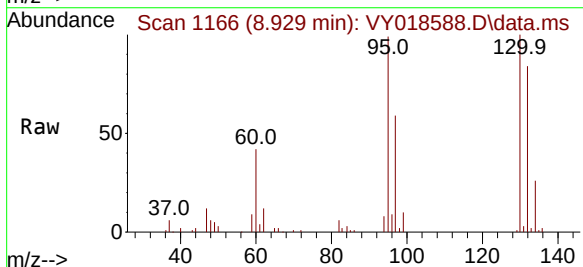
Acq: 14 Jun 2024 12:25

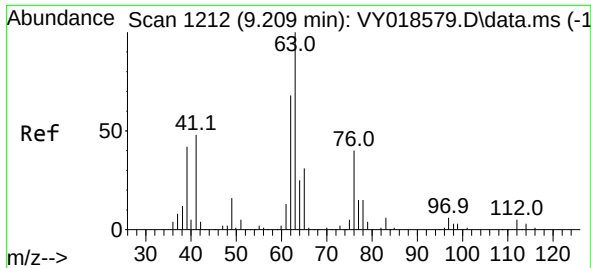
Tgt Ion: 130 Resp: 35807

Ion Ratio Lower Upper

130 100

95 99.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 2377.408 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

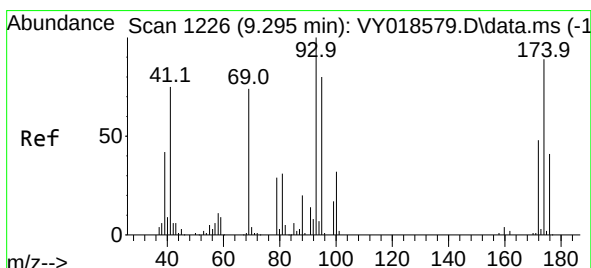
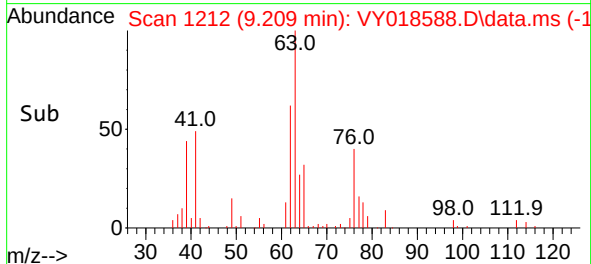
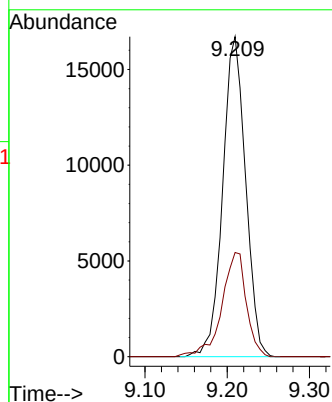
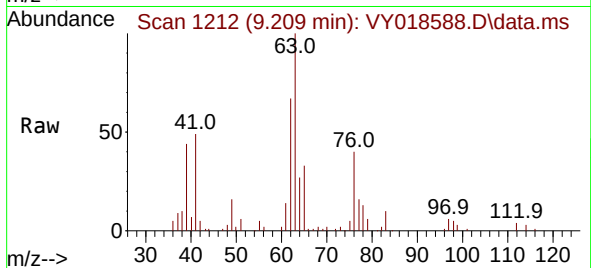
VY0614SBS02

Tgt Ion: 63 Resp: 32412

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.2



#46

Dibromomethane

Concen: 2230.917 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

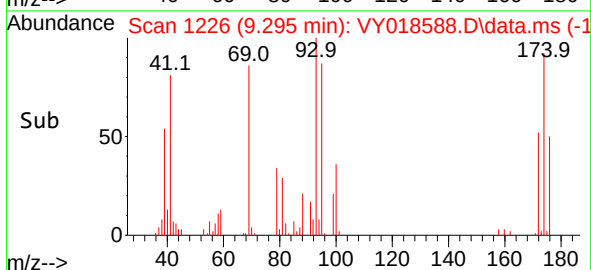
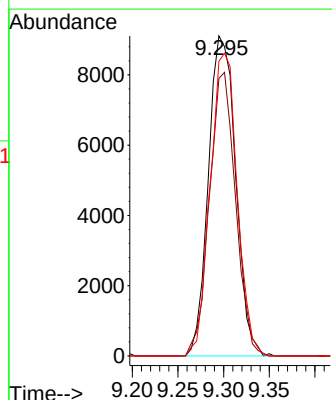
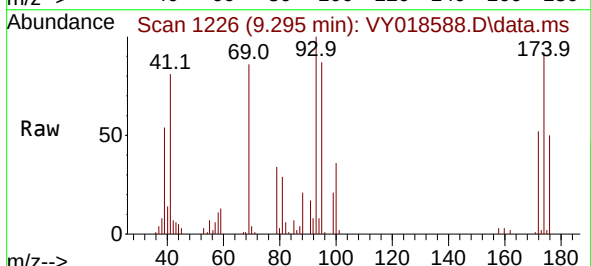
Tgt Ion: 93 Resp: 18872

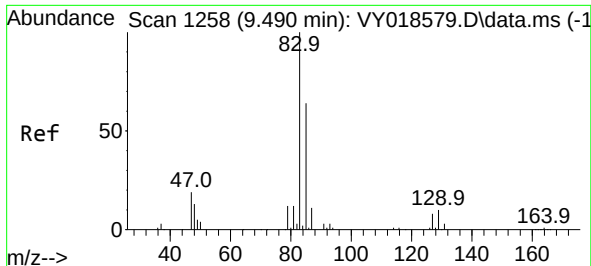
Ion Ratio Lower Upper

93 100

95 84.9 66.2 99.4

174 93.9 80.9 121.3

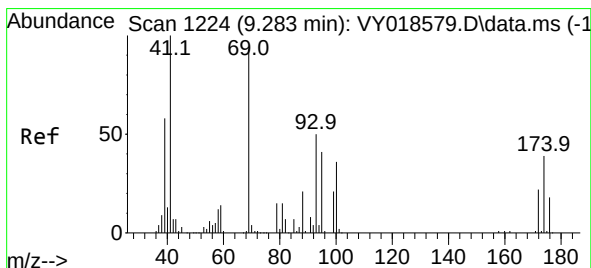
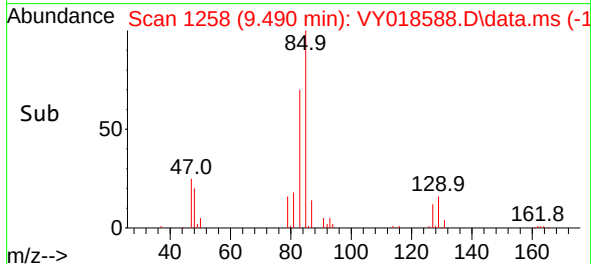
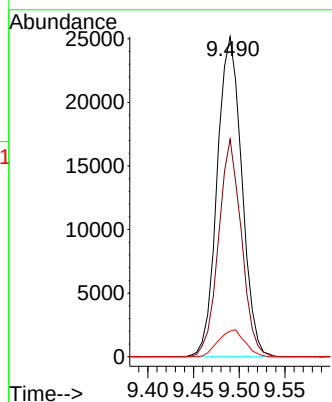
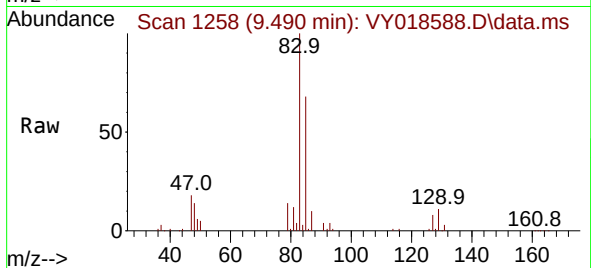




#47
Bromodichloromethane
Concen: 2333.723 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

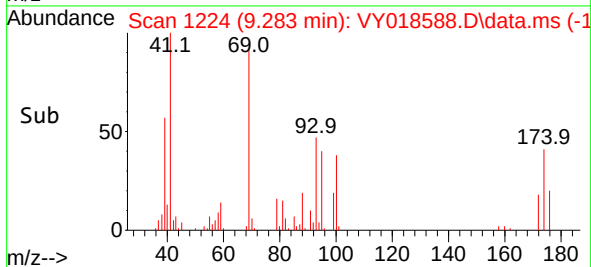
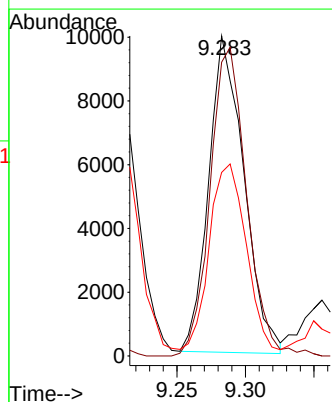
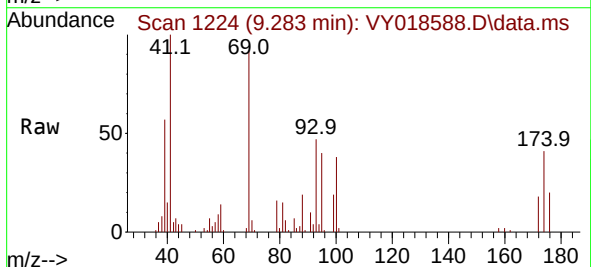
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

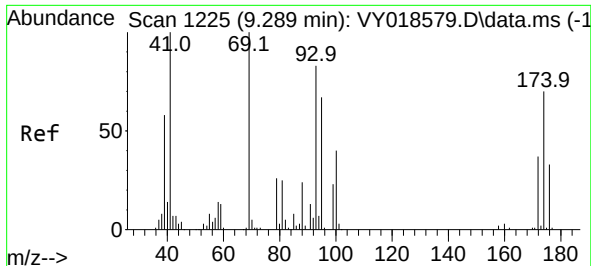
Tgt Ion: 83 Resp: 47118
Ion Ratio Lower Upper
83 100
85 68.0 50.1 75.1
127 8.0 7.4 11.0



#48
Methyl methacrylate
Concen: 2326.367 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 41 Resp: 17765
Ion Ratio Lower Upper
41 100
69 101.0 84.1 126.1
39 61.1 43.6 65.4





#49

1,4-Dioxane

Concen: 42631.938 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

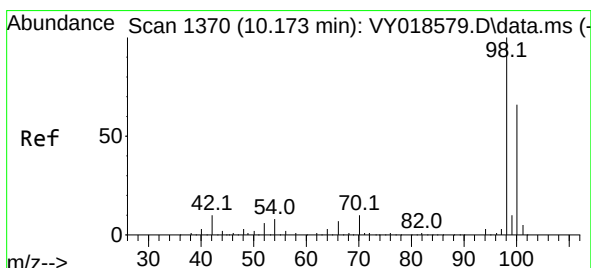
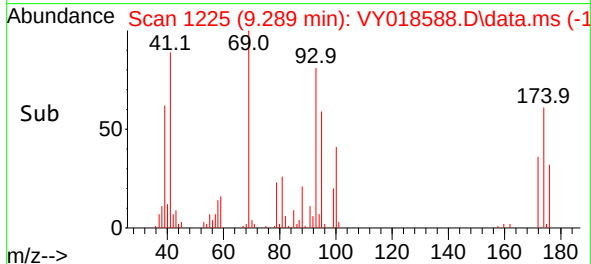
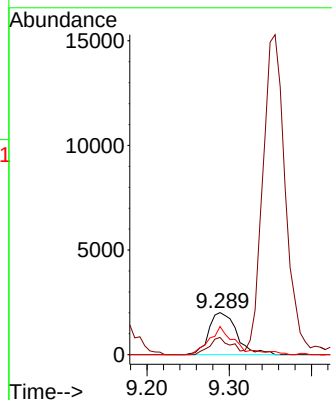
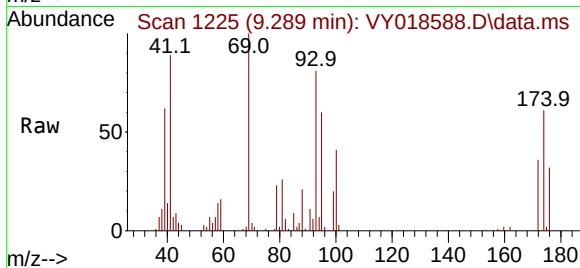
Tgt Ion: 88 Resp: 4743

Ion Ratio Lower Upper

88 100

43 31.5 0.0 0.0#

58 59.4 49.3 73.9



#50

Toluene-d8

Concen: 6437.010 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018588.D

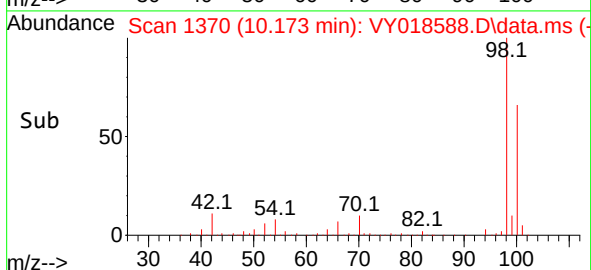
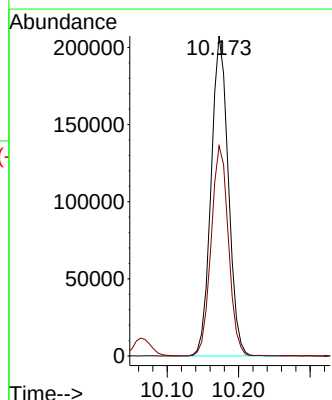
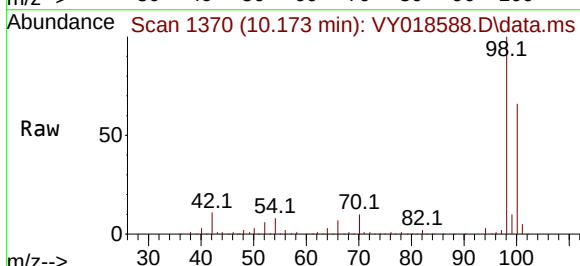
Acq: 14 Jun 2024 12:25

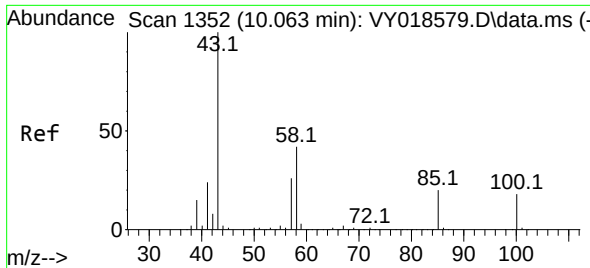
Tgt Ion: 98 Resp: 346711

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

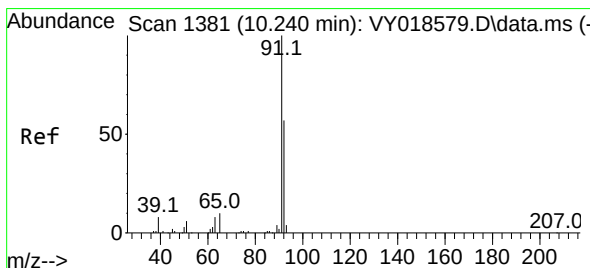
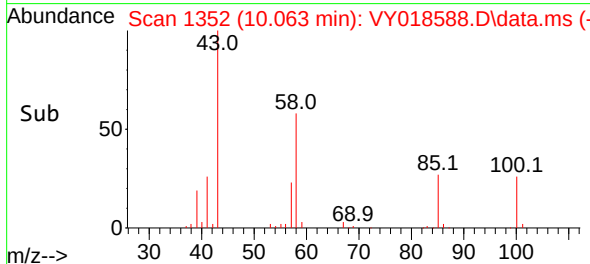
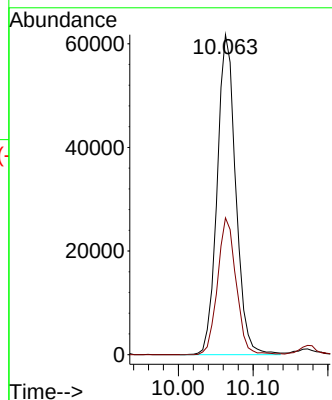
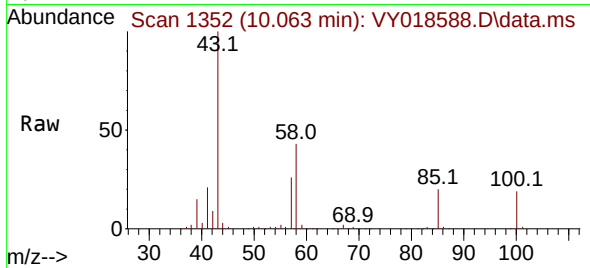




#51
4-Methyl-2-Pentanone
Concen: 11952.990 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

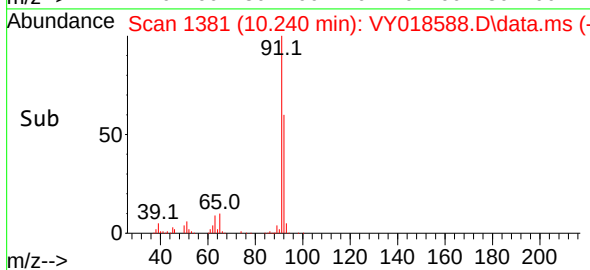
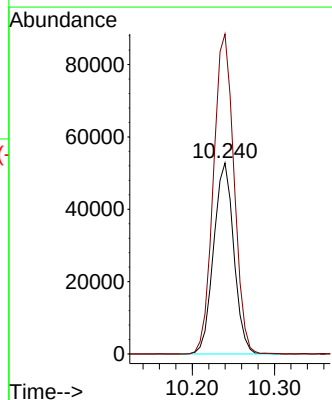
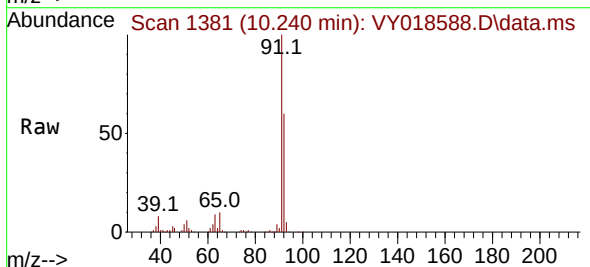
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

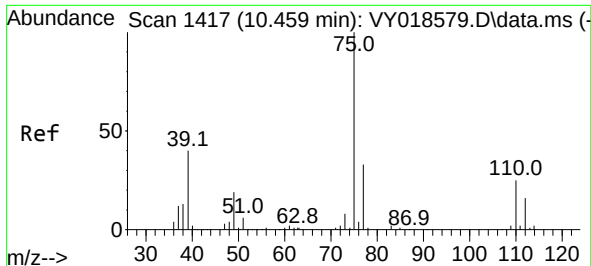
Tgt Ion: 43 Resp: 106798
Ion Ratio Lower Upper
43 100
58 42.6 35.7 53.5



#52
Toluene
Concen: 2343.909 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 92 Resp: 89725
Ion Ratio Lower Upper
92 100
91 171.2 139.0 208.6

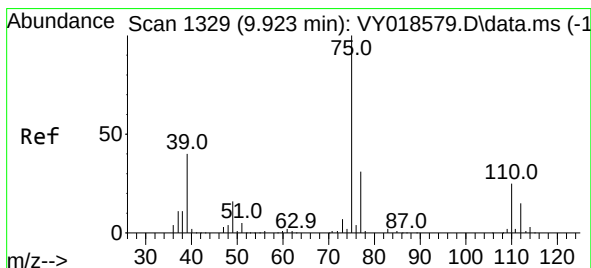
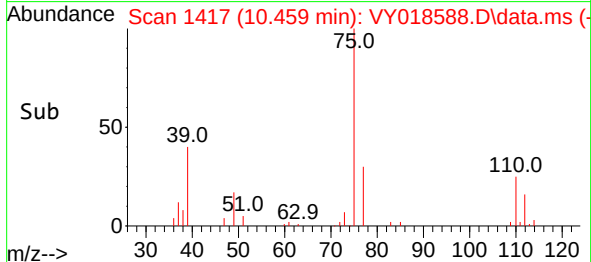
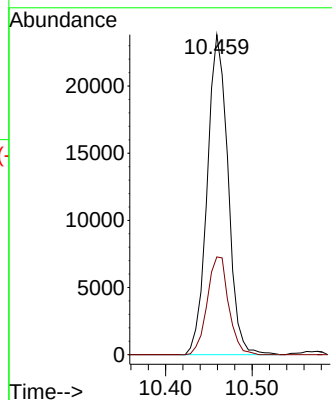
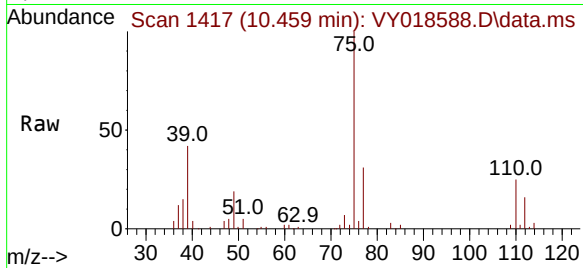




#53
 t-1,3-Dichloropropene
 Concen: 2247.403 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018588.D
 Acq: 14 Jun 2024 12:25

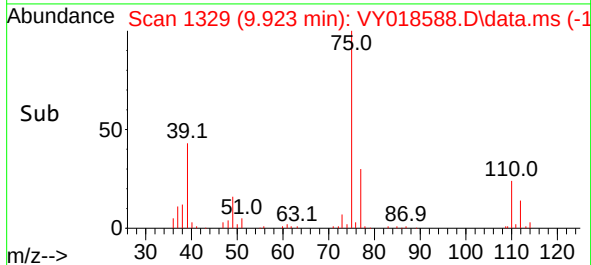
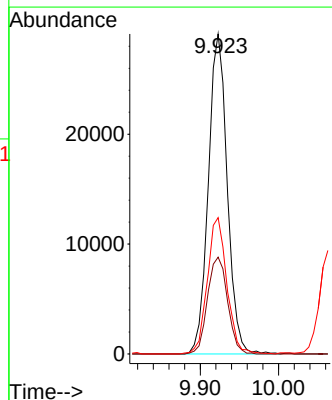
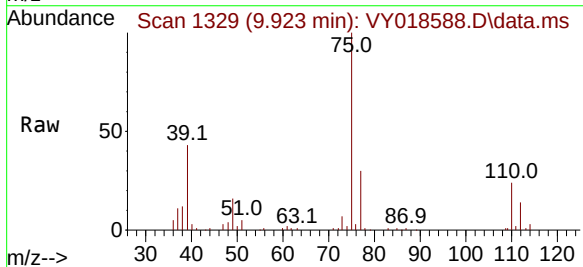
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBS02

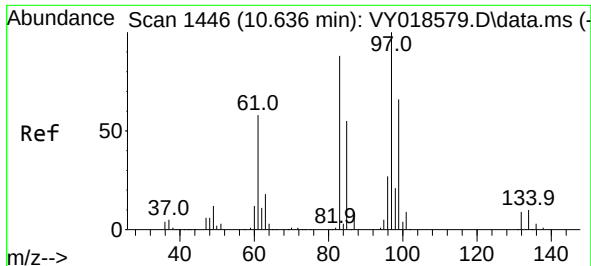
Tgt Ion: 75 Resp: 39653
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 2290.887 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018588.D
 Acq: 14 Jun 2024 12:25

Tgt Ion: 75 Resp: 48778
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0
 39 42.3 29.8 44.6

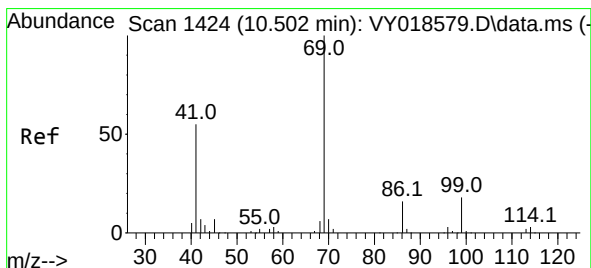
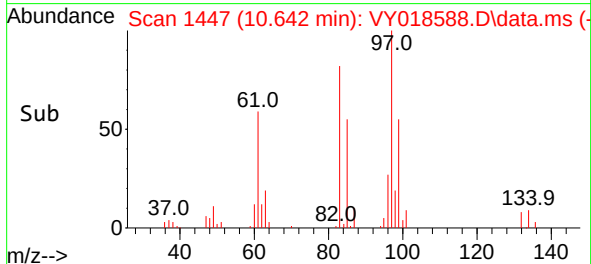
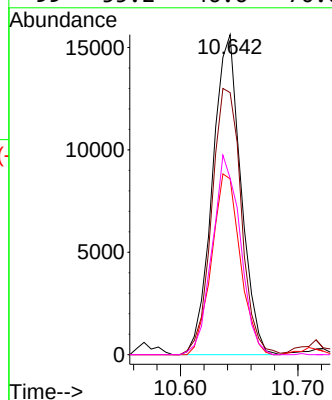
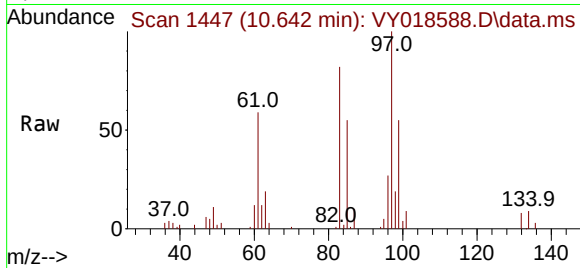




#55
1,1,2-Trichloroethane
Concen: 2336.672 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

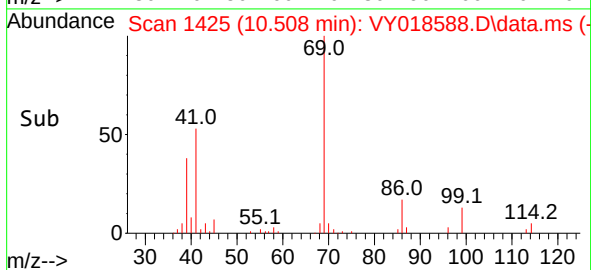
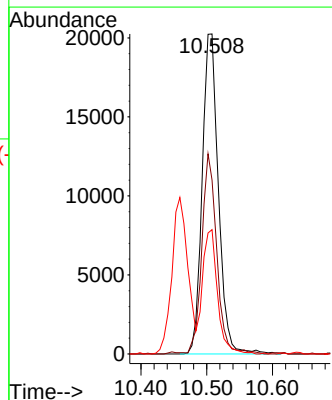
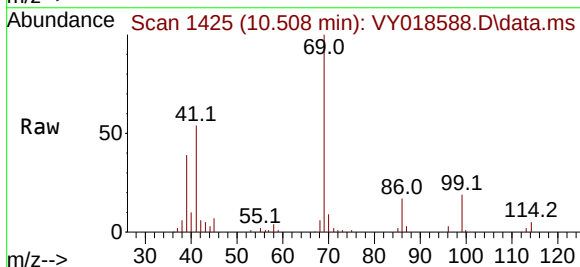
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

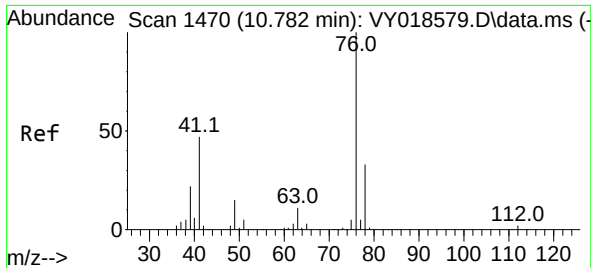
Tgt Ion: 97	Resp: 26291
Ion Ratio	Lower Upper
97 100	
83 81.9	67.5 101.3
85 55.0	42.9 64.3
99 55.2	46.6 70.0



#56
Ethyl methacrylate
Concen: 2355.106 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 69	Resp: 34675
Ion Ratio	Lower Upper
69 100	
41 57.5	42.3 63.5
39 35.8	22.9 34.3#

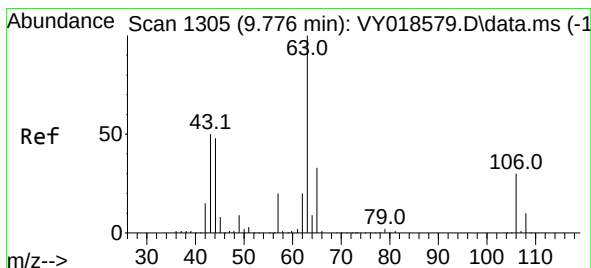
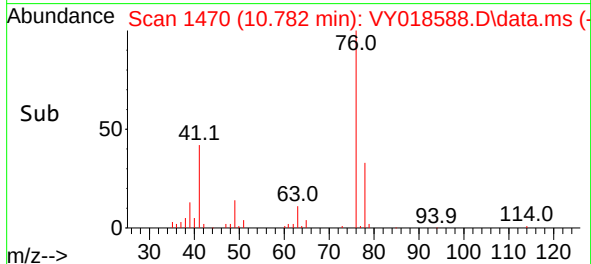
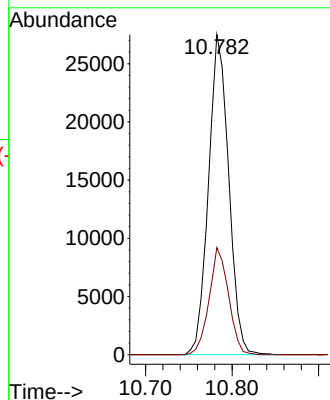
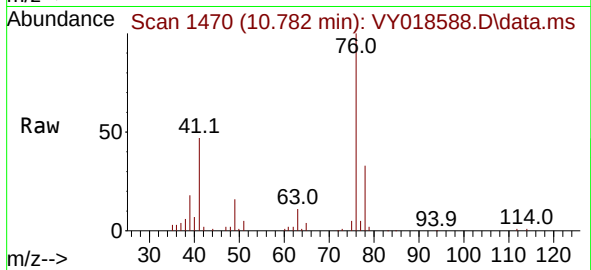




#57
1,3-Dichloropropane
Concen: 2387.265 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

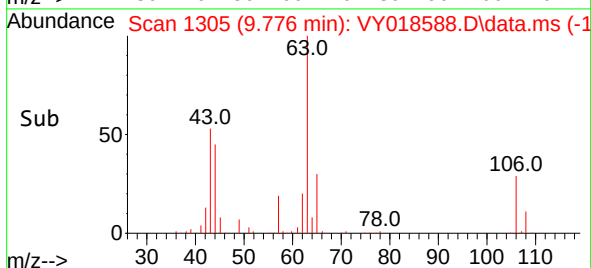
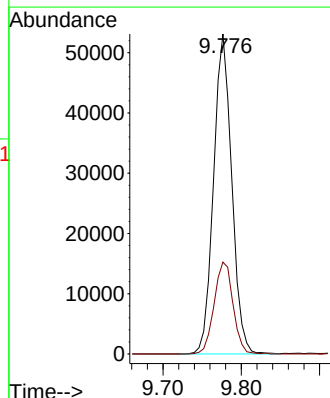
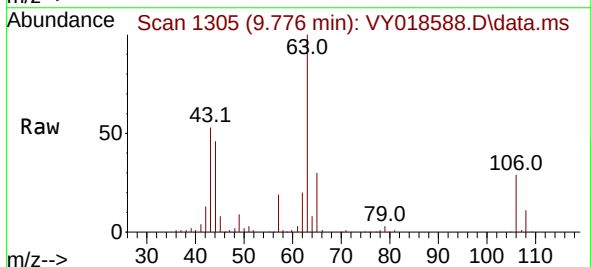
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

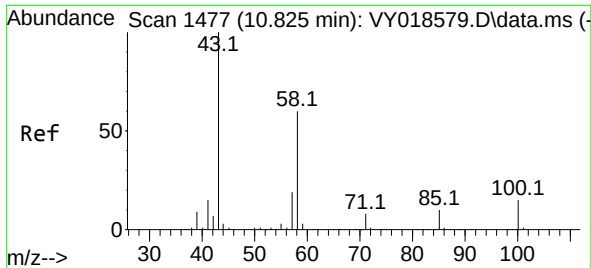
Tgt Ion: 76 Resp: 44619
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 12040.879 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 63 Resp: 85584
Ion Ratio Lower Upper
63 100
106 29.8 23.7 35.5

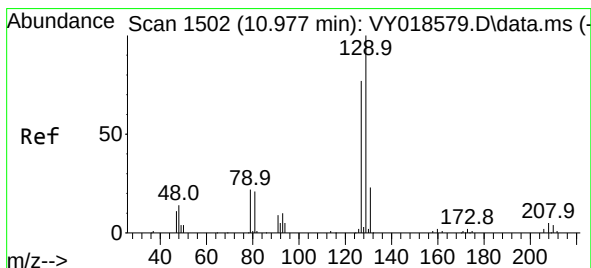
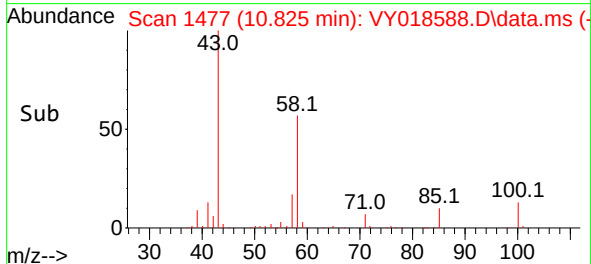
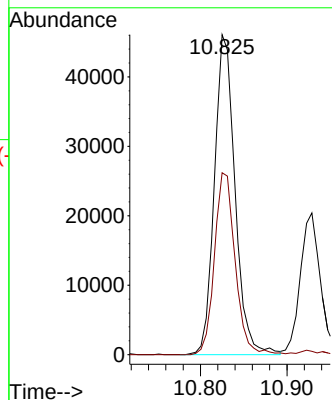
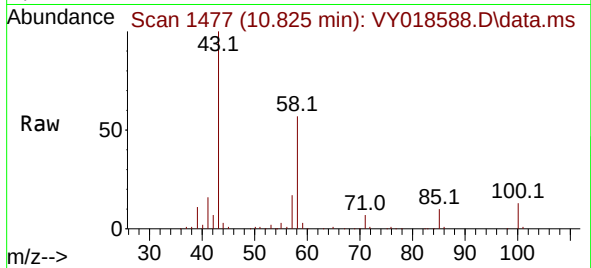




#59
2-Hexanone
Concen: 12183.676 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

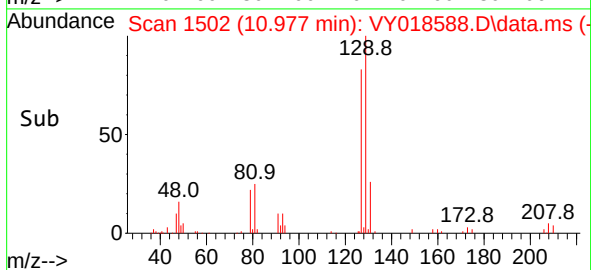
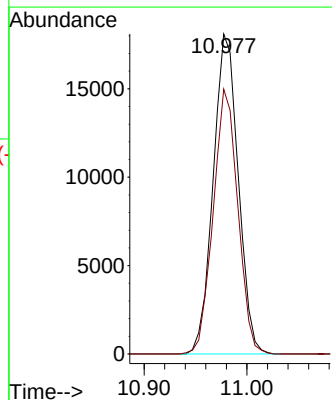
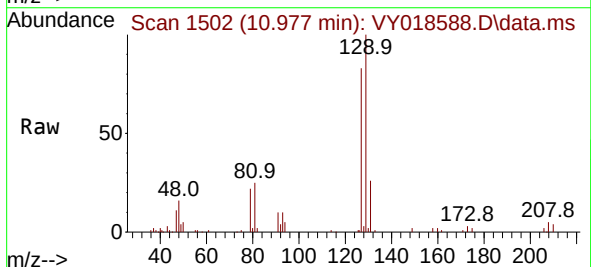
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

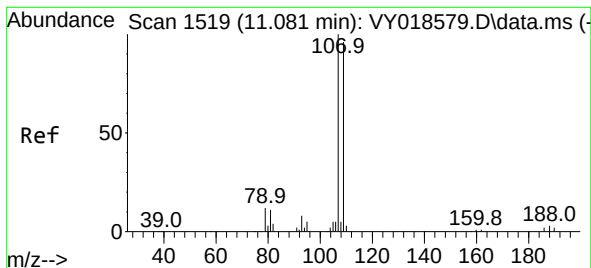
Tgt Ion: 43 Resp: 76252
Ion Ratio Lower Upper
43 100
58 57.1 31.4 94.0



#60
Dibromochloromethane
Concen: 2191.178 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 129 Resp: 30626
Ion Ratio Lower Upper
129 100
127 81.3 39.0 117.0

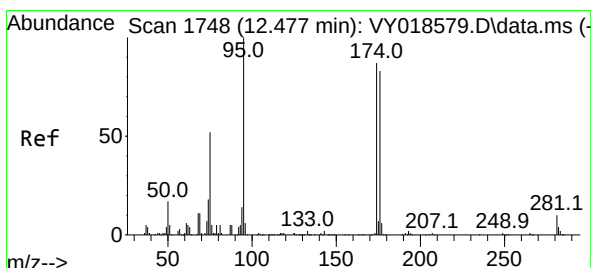
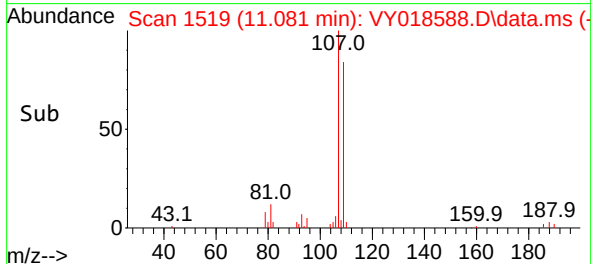
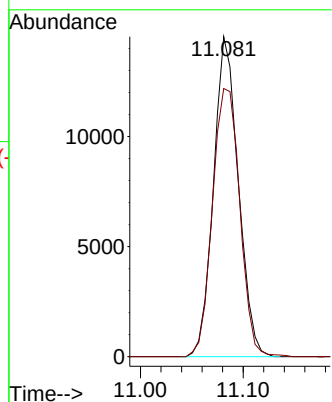
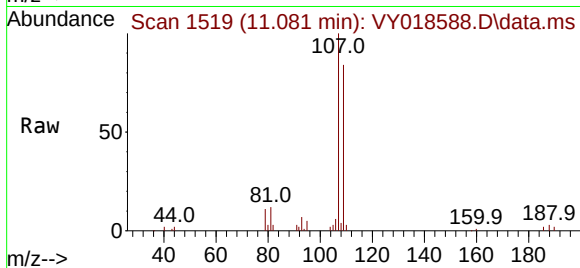




#61
1,2-Dibromoethane
Concen: 2341.989 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

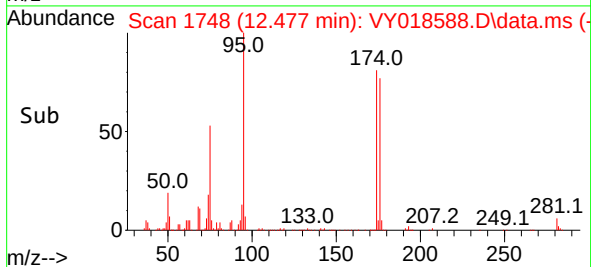
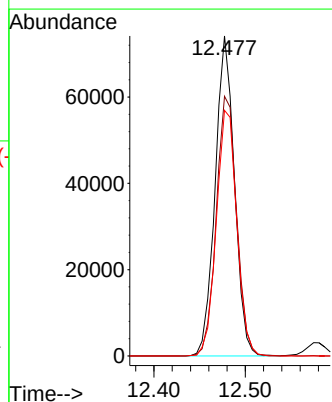
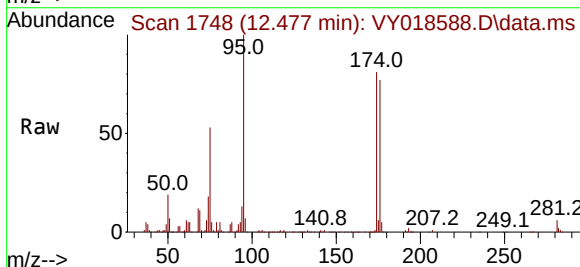
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

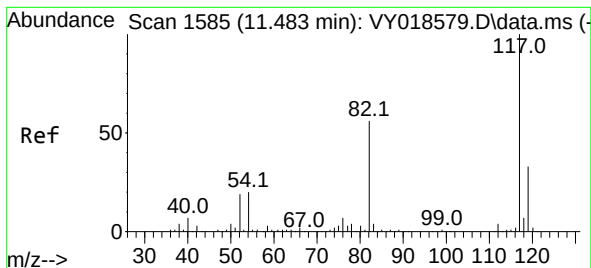
Tgt Ion:107 Resp: 24353
Ion Ratio Lower Upper
107 100
109 92.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 6386.227 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 95 Resp: 108618
Ion Ratio Lower Upper
95 100
174 85.8 0.0 175.6
176 81.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

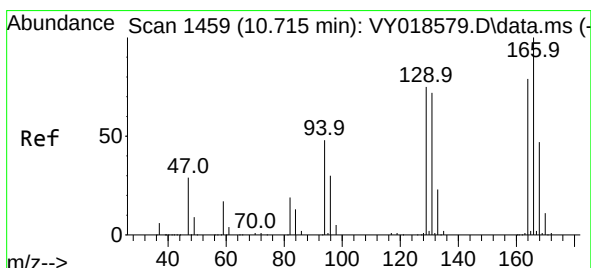
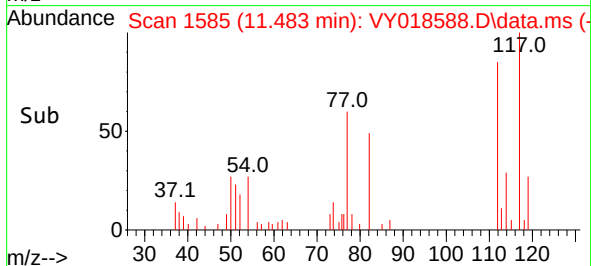
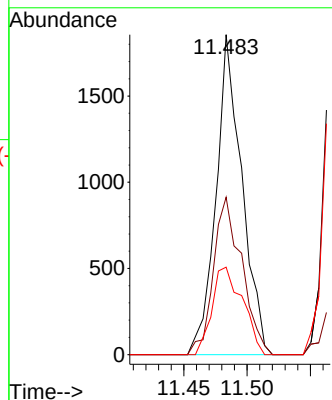
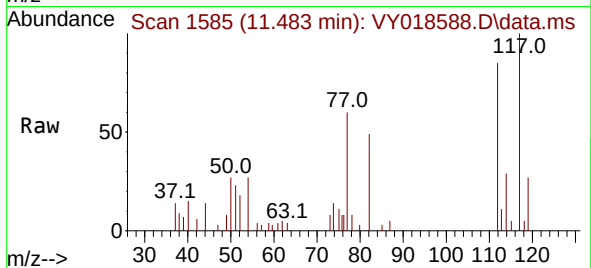
Tgt Ion:117 Resp: 2640

Ion Ratio Lower Upper

117 100

82 49.2 42.4 63.6

119 27.3 25.9 38.9



#64

Tetrachloroethene

Concen: 1831.159 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Tgt Ion:164 Resp: 34480

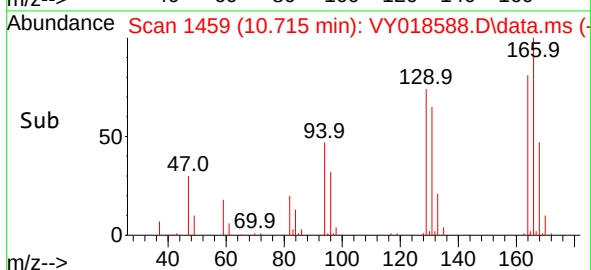
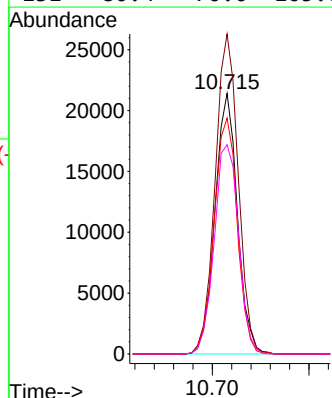
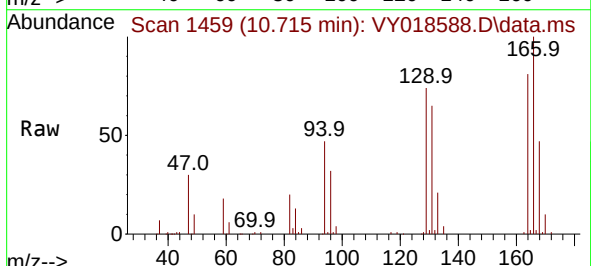
Ion Ratio Lower Upper

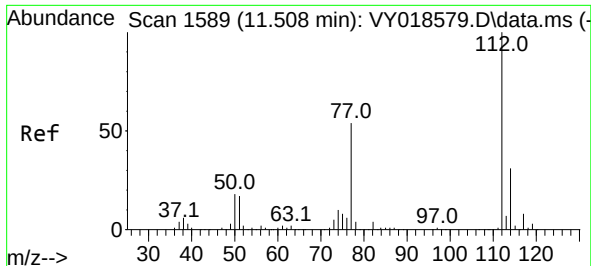
164 100

166 122.9 102.6 154.0

129 90.5 72.0 108.0

131 80.4 70.0 105.0

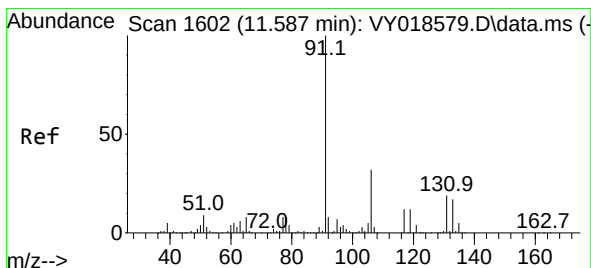
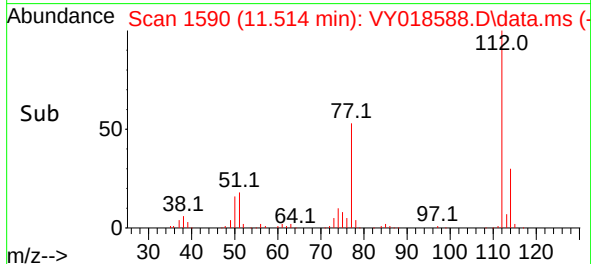
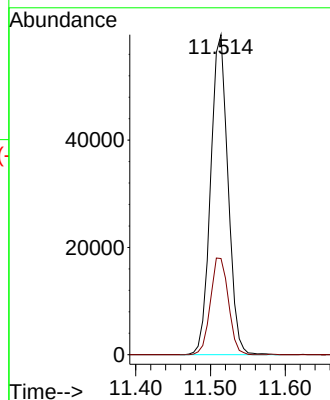
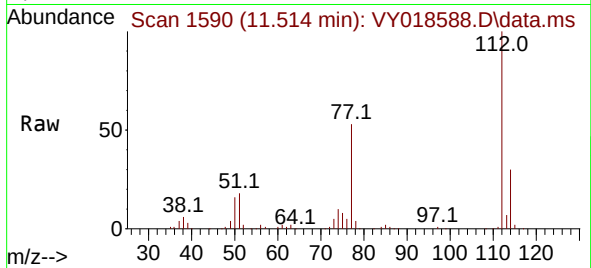




#65
Chlorobenzene
Concen: 1763.305 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.006 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

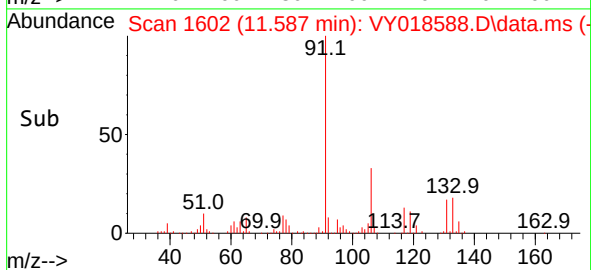
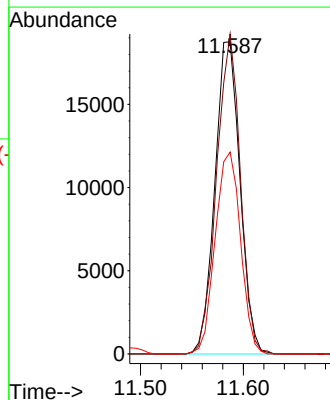
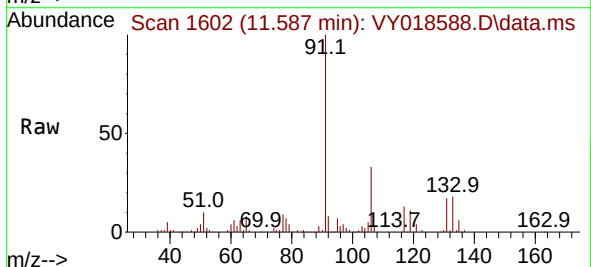
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

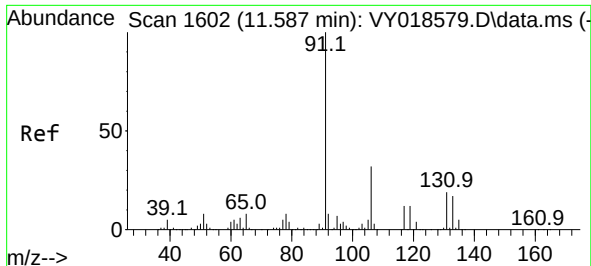
Tgt Ion:112 Resp: 96165
Ion Ratio Lower Upper
112 100
114 30.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 1741.414 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion:131 Resp: 31826
Ion Ratio Lower Upper
131 100
133 97.0 47.8 143.3
119 65.3 34.1 102.2





#67

Ethyl Benzene

Concen: 1767.034 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

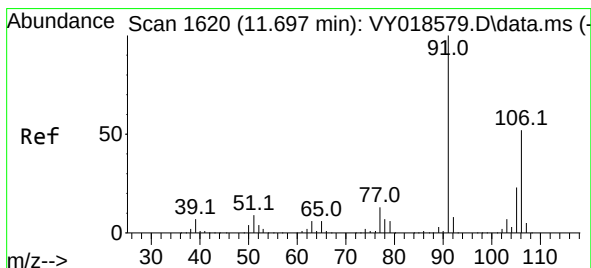
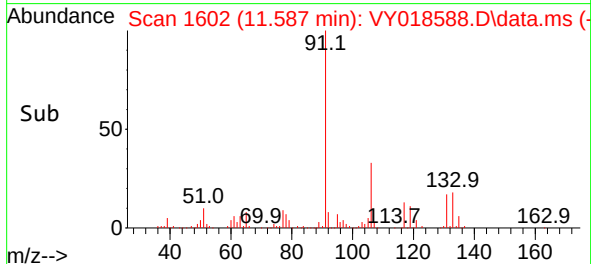
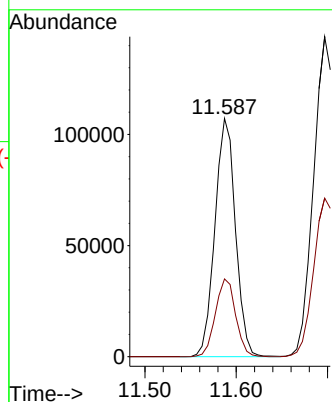
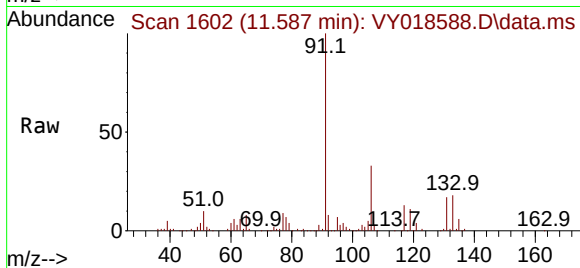
VY0614SBS02

Tgt Ion: 91 Resp: 167212

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 3534.633 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018588.D

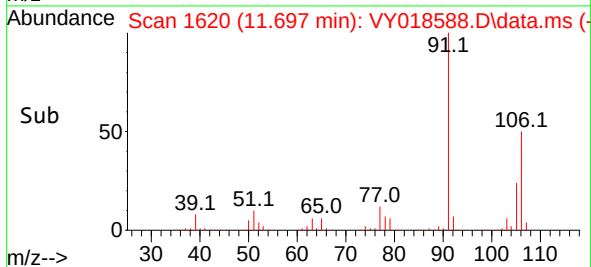
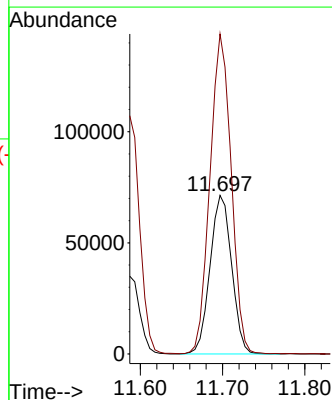
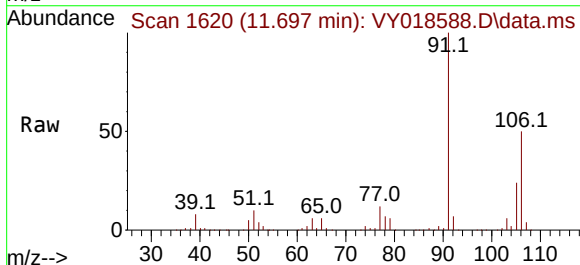
Acq: 14 Jun 2024 12:25

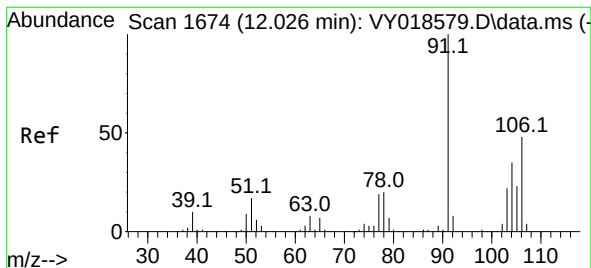
Tgt Ion:106 Resp: 130151

Ion Ratio Lower Upper

106 100

91 198.4 156.0 234.0

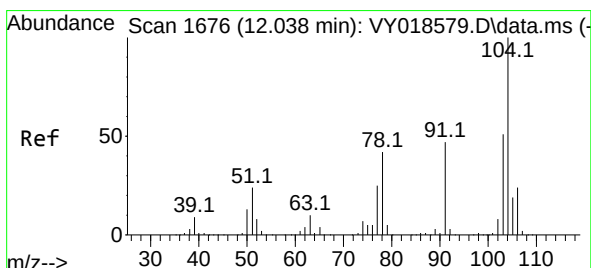
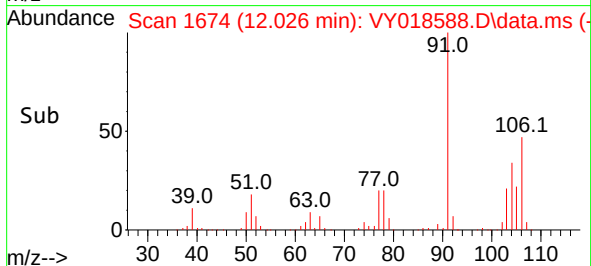
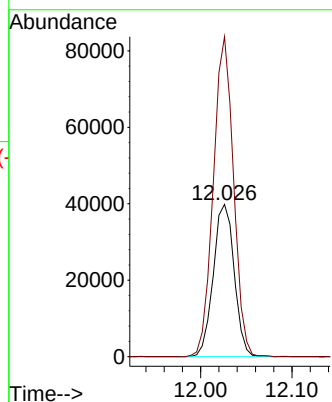
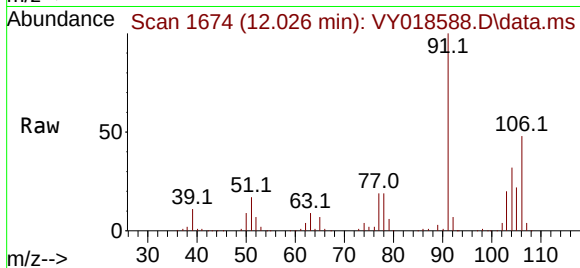




#69
o-Xylene
Concen: 1792.943 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

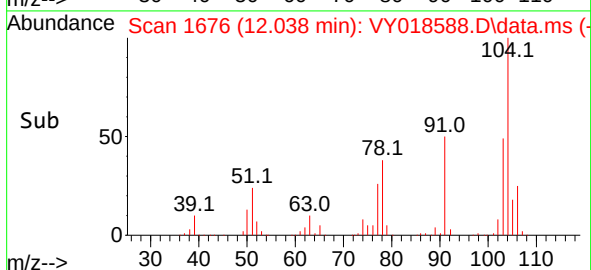
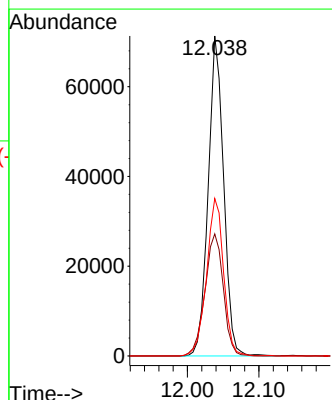
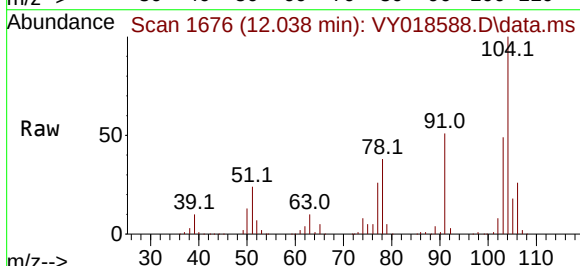
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

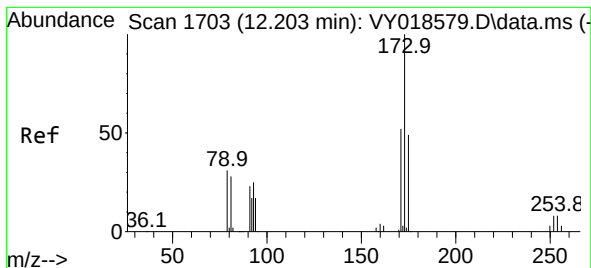
Tgt Ion:106 Resp: 63486
Ion Ratio Lower Upper
106 100
91 203.2 103.6 310.8



#70
Styrene
Concen: 1830.189 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion:104 Resp: 107059
Ion Ratio Lower Upper
104 100
78 45.3 37.0 55.4
103 54.2 44.2 66.2





#71

Bromoform

Concen: 1654.828 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

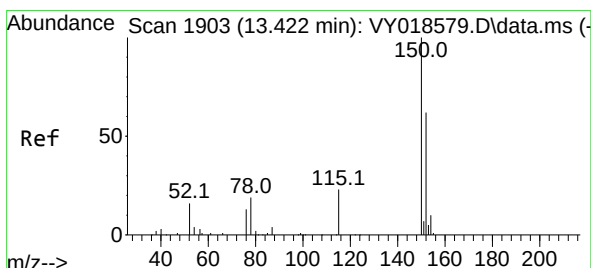
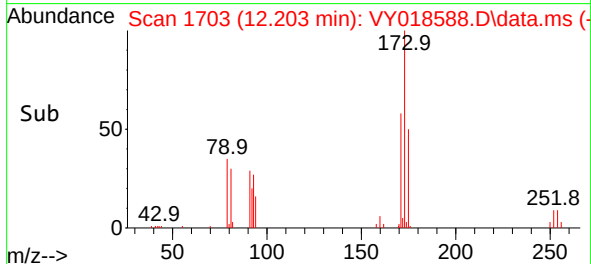
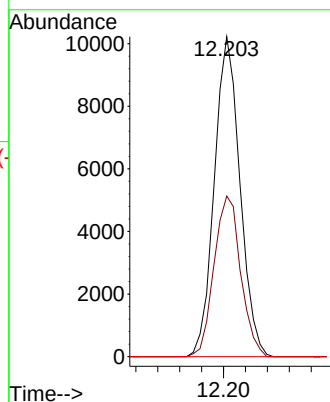
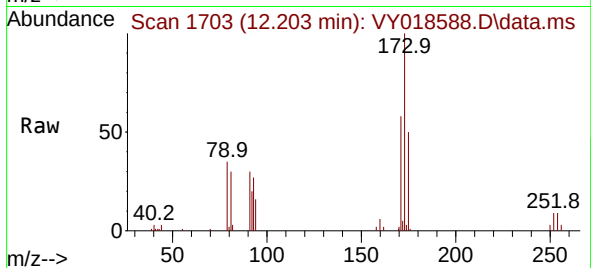
Tgt Ion:173 Resp: 16595

Ion Ratio Lower Upper

173 100

175 52.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

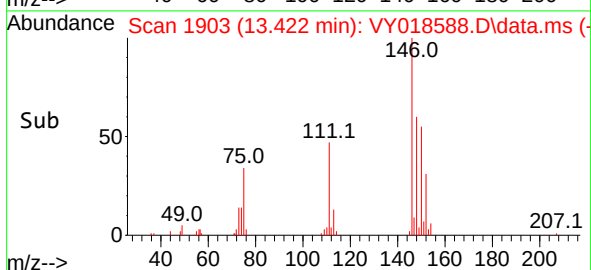
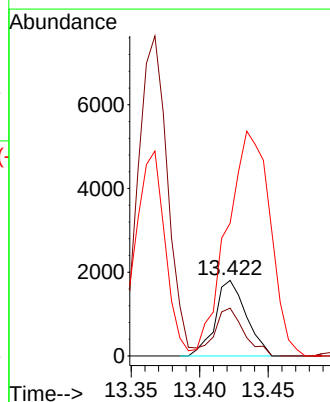
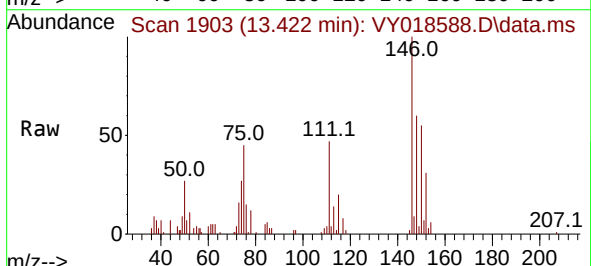
Tgt Ion:152 Resp: 2823

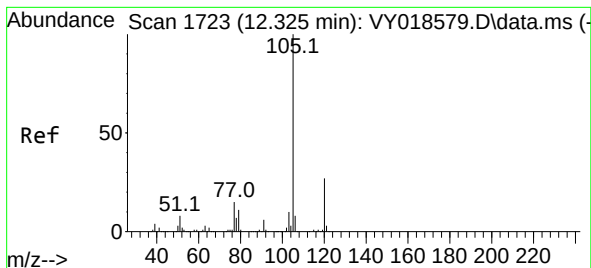
Ion Ratio Lower Upper

152 100

115 59.9 28.2 84.7

150 418.0 0.0 345.6#





#73

Isopropylbenzene

Concen: 810.967 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

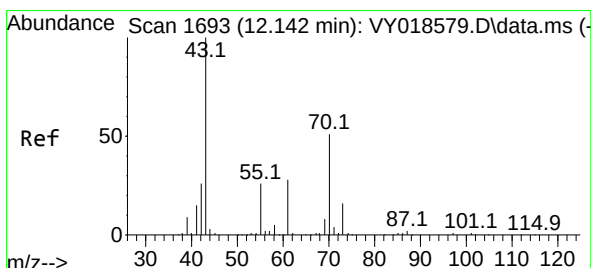
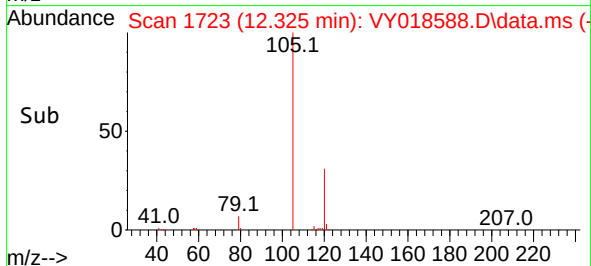
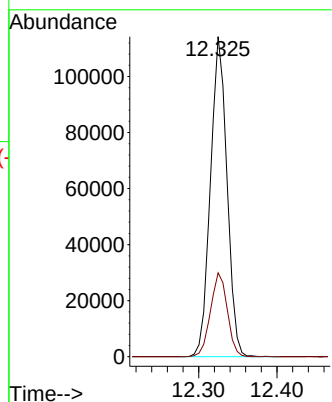
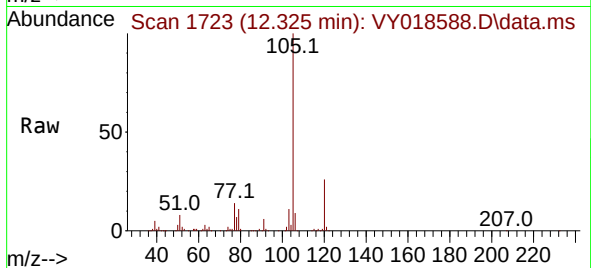
VY0614SBS02

Tgt Ion:105 Resp: 167176

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 817.313 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Tgt Ion: 43 Resp: 34501

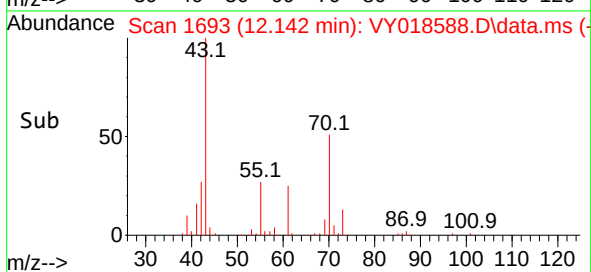
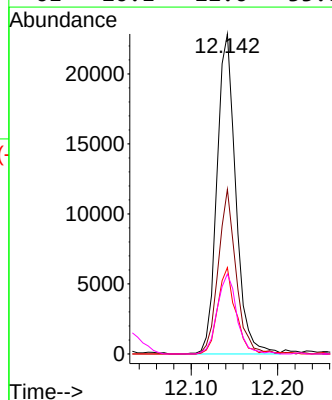
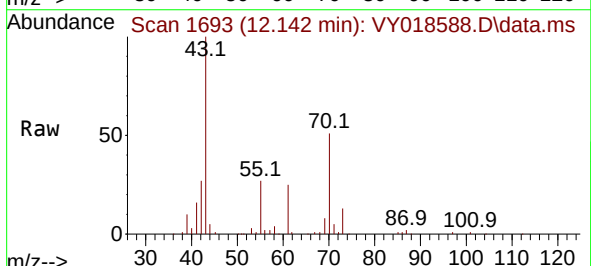
Ion Ratio Lower Upper

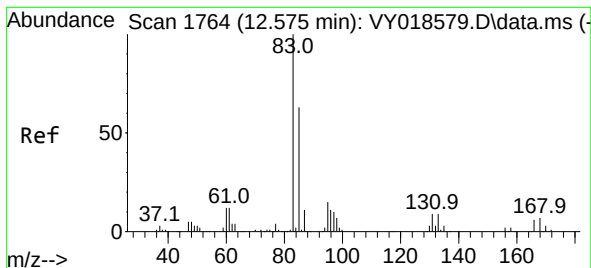
43 100

70 48.8 41.4 62.2

55 26.3 23.3 34.9

61 26.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 816.711 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

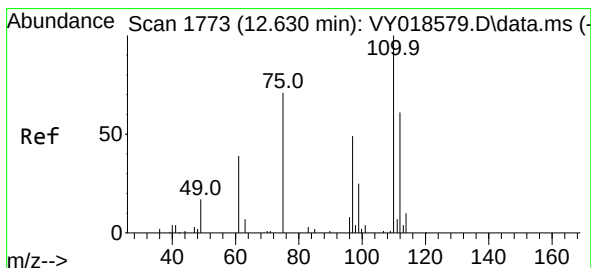
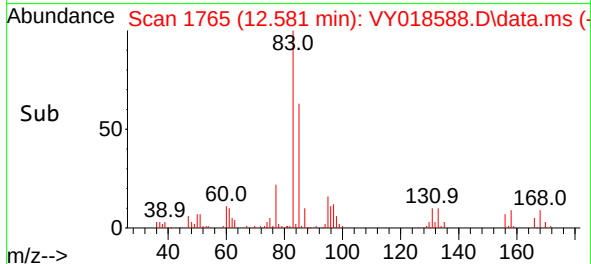
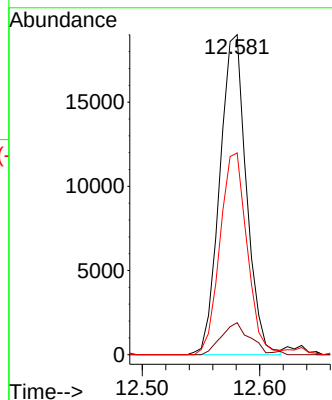
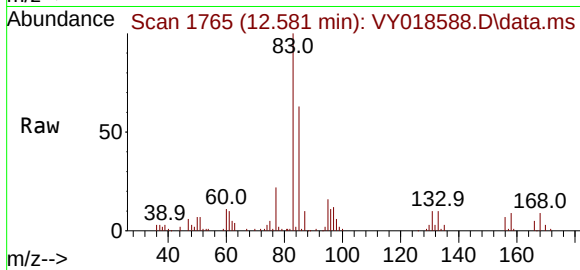
Tgt Ion: 83 Resp: 29894

Ion Ratio Lower Upper

83 100

131 11.0 5.0 14.9

85 64.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 1338.207 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VY018588.D

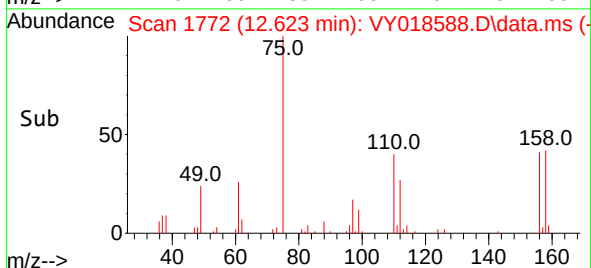
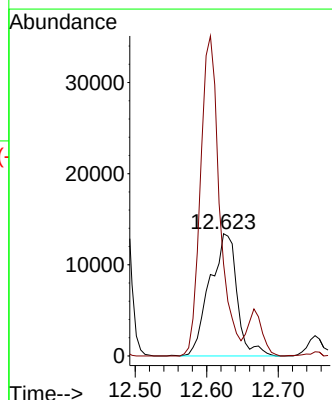
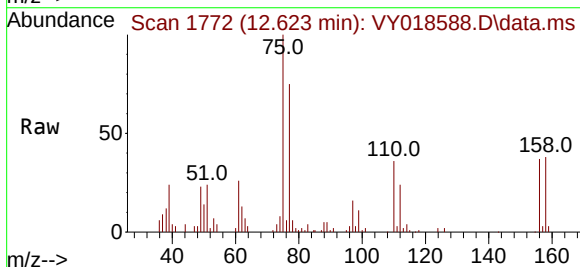
Acq: 14 Jun 2024 12:25

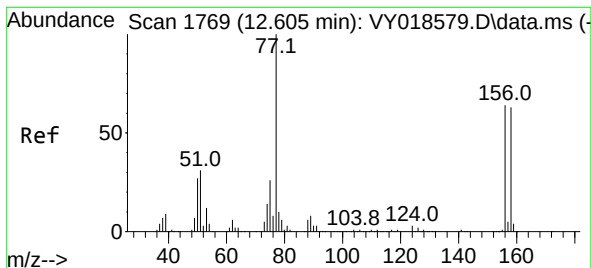
Tgt Ion: 75 Resp: 35437

Ion Ratio Lower Upper

75 100

77 184.0 0.0 0.0#





#77

Bromobenzene

Concen: 790.335 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

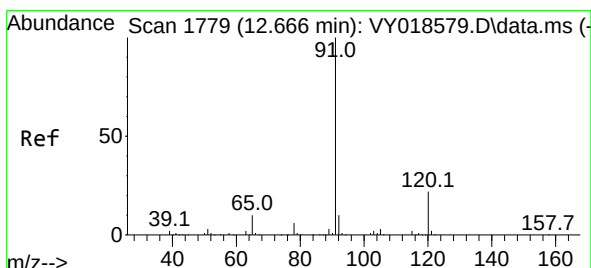
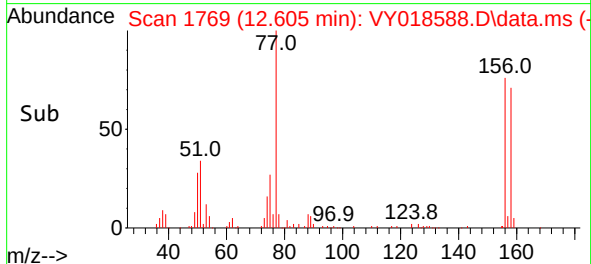
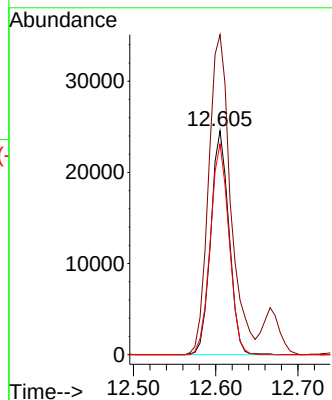
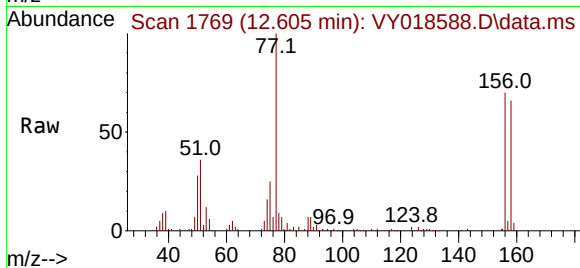
Tgt Ion:156 Resp: 37678

Ion Ratio Lower Upper

156 100

77 173.1 87.1 261.3

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 824.307 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018588.D

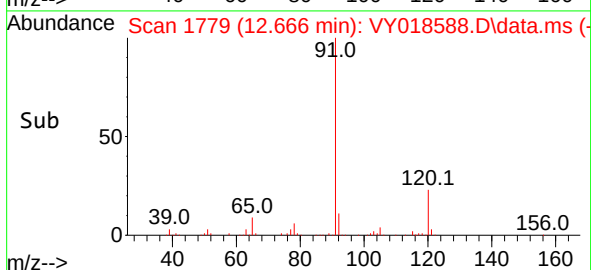
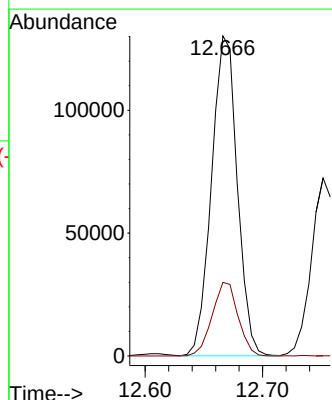
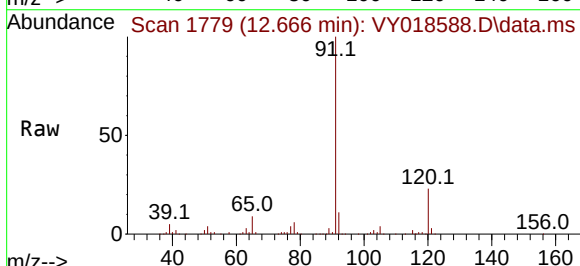
Acq: 14 Jun 2024 12:25

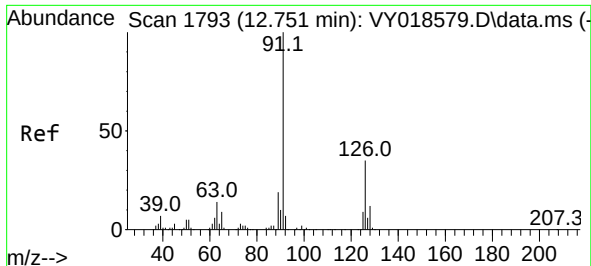
Tgt Ion: 91 Resp: 198865

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

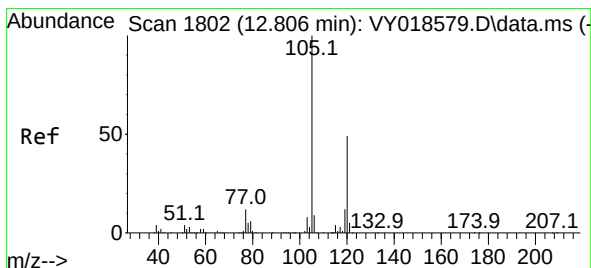
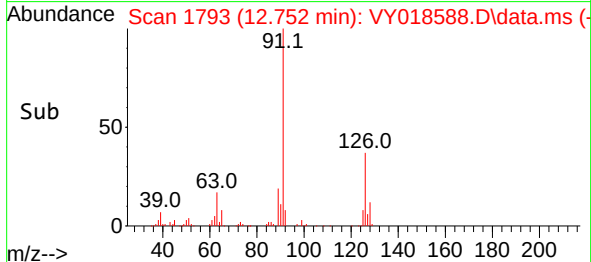
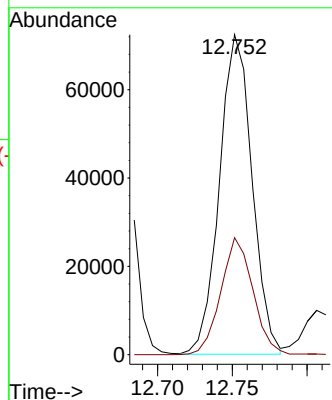
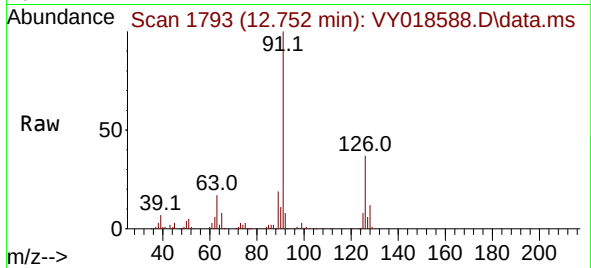




#79
2-Chlorotoluene
Concen: 806.145 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

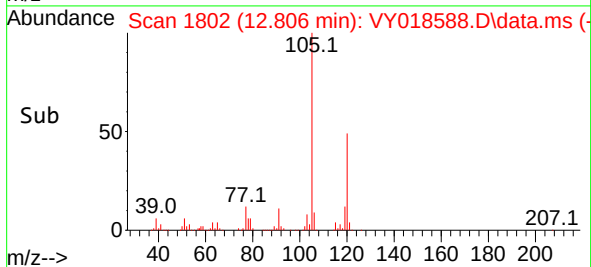
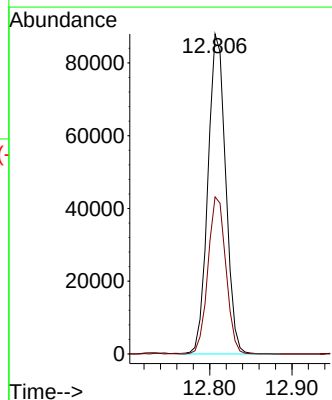
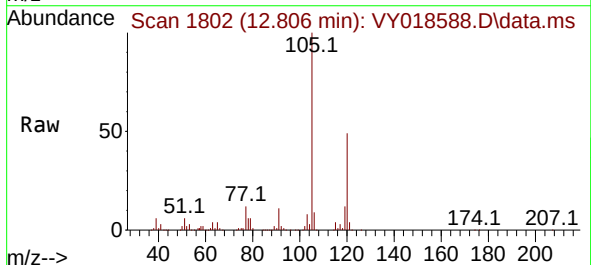
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

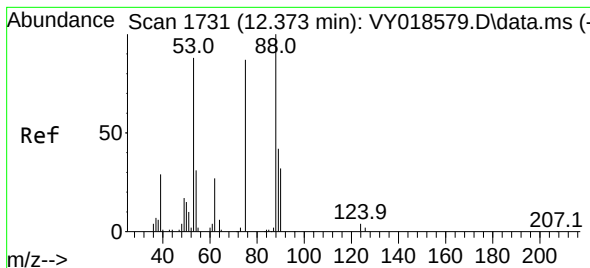
Tgt Ion: 91 Resp: 109783
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 805.830 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 105 Resp: 131655
Ion Ratio Lower Upper
105 100
120 49.6 25.1 75.2

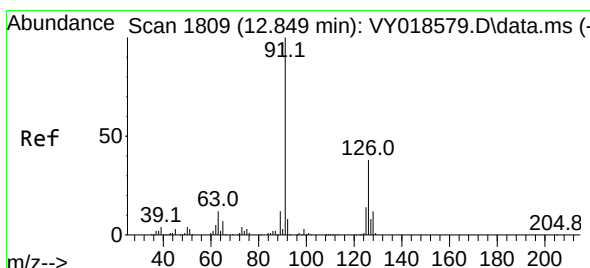
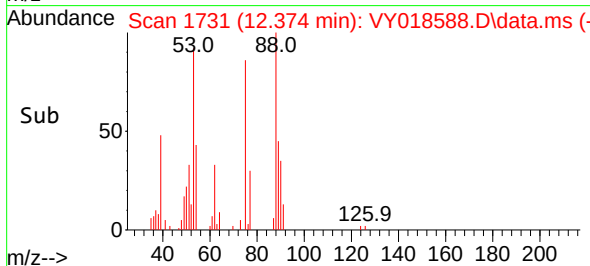
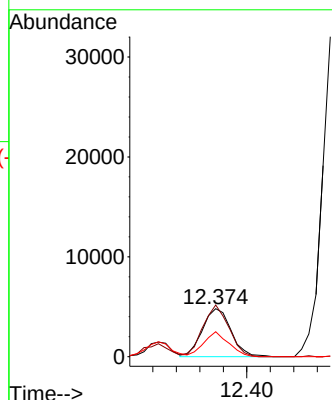
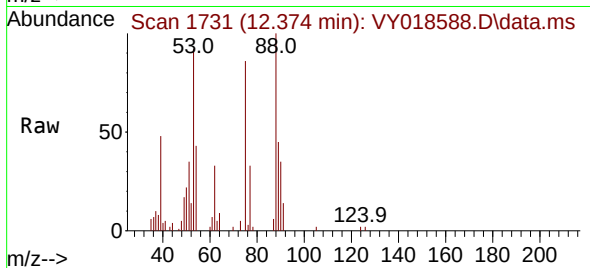




#81
trans-1,4-Dichloro-2-butene
Concen: 804.677 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

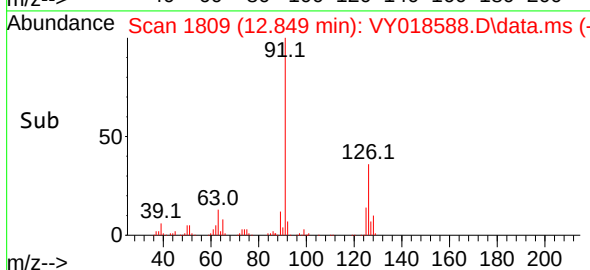
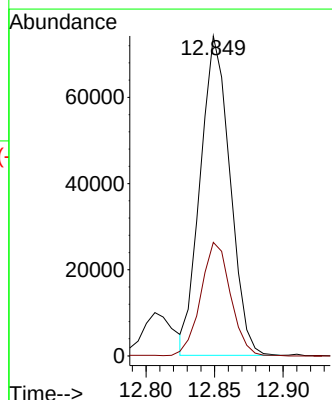
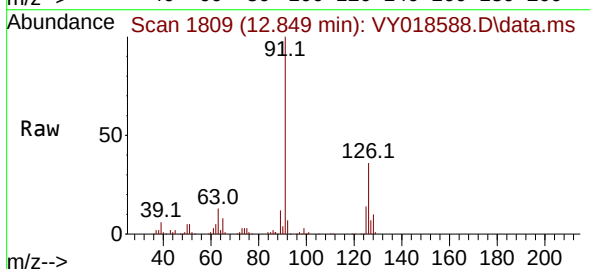
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

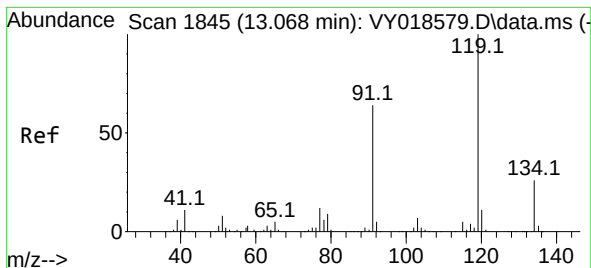
Tgt Ion:	75	Resp:	8135
Ion	Ratio	Lower	Upper
75	100		
53	98.1	66.8	100.2
89	45.1	35.8	53.6



#82
4-Chlorotoluene
Concen: 812.896 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion:	91	Resp:	111477
Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.6	52.9

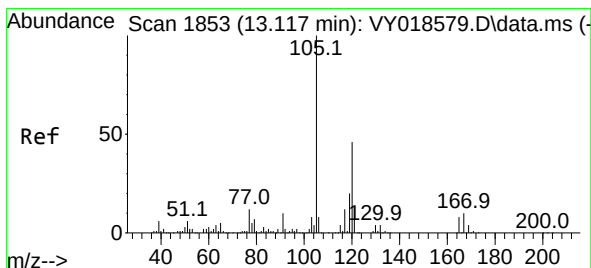
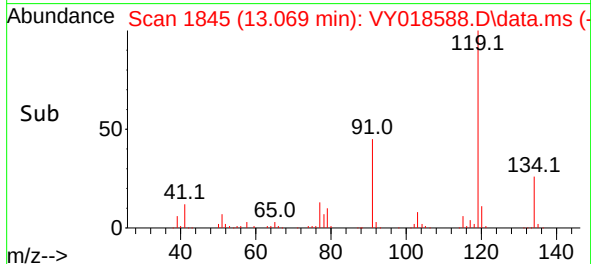
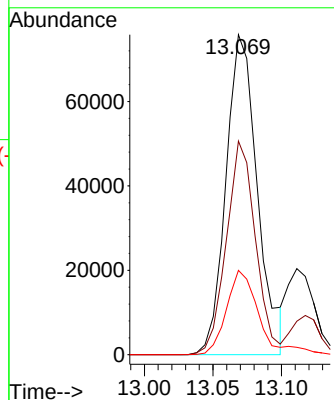
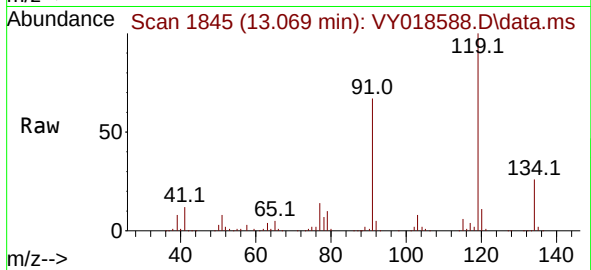




#83
tert-Butylbenzene
Concen: 801.692 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

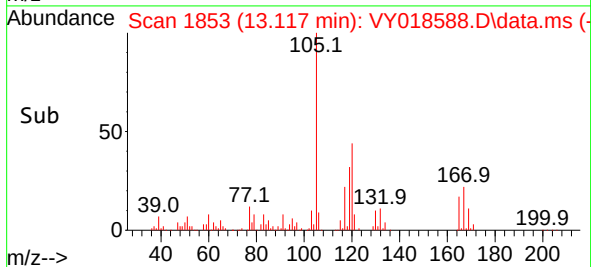
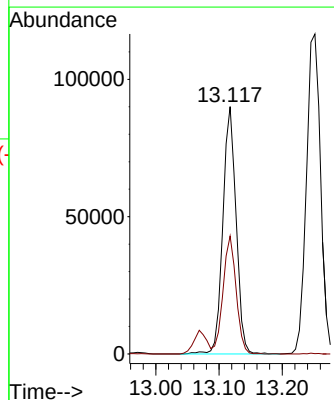
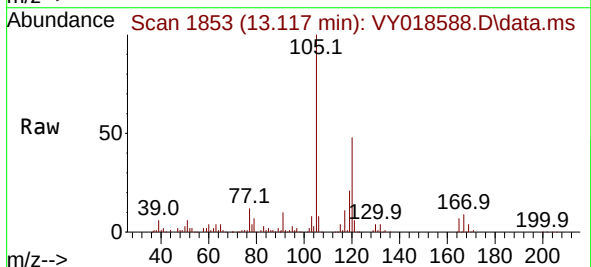
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

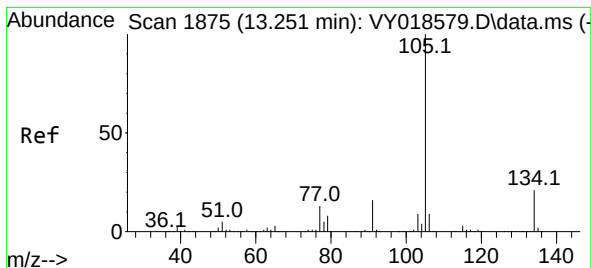
Tgt Ion:119 Resp: 121224
Ion Ratio Lower Upper
119 100
91 61.9 31.3 93.8
134 27.2 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 798.009 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion:105 Resp: 130311
Ion Ratio Lower Upper
105 100
120 47.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 833.700 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

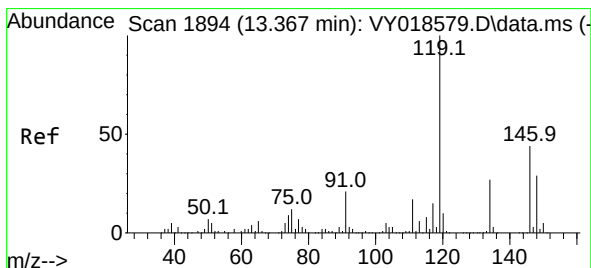
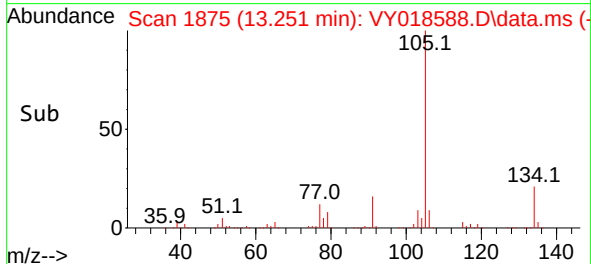
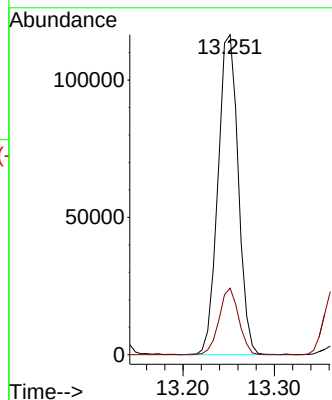
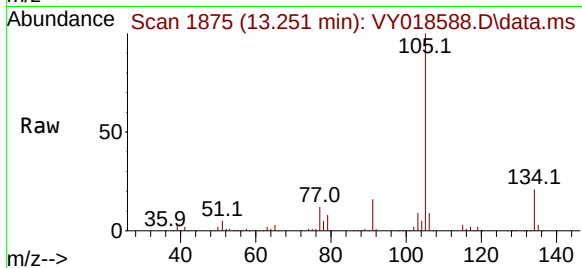
VY0614SBS02

Tgt Ion:105 Resp: 179797

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 807.004 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

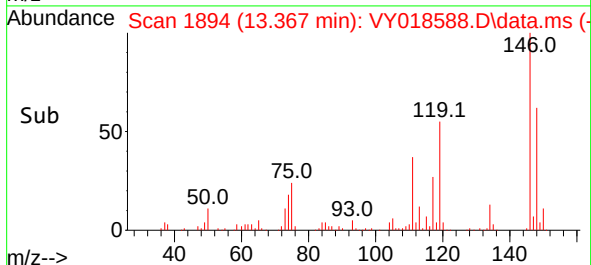
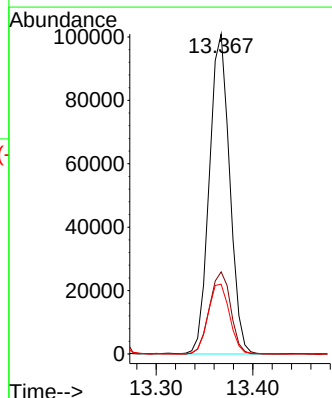
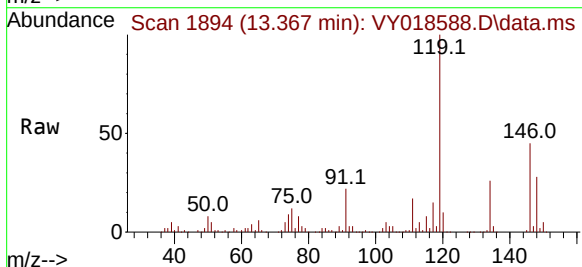
Tgt Ion:119 Resp: 147548

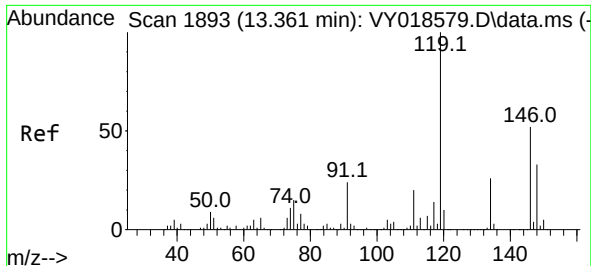
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 23.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 783.904 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

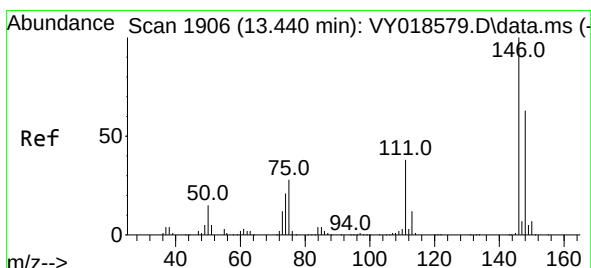
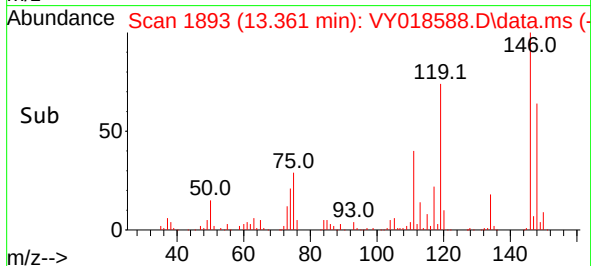
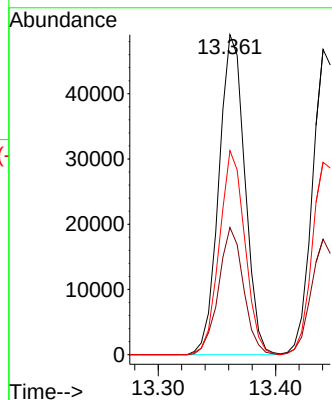
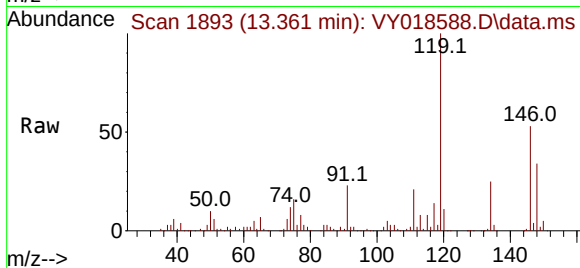
Tgt Ion:146 Resp: 75378

Ion Ratio Lower Upper

146 100

111 38.1 19.0 57.0

148 62.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 766.817 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

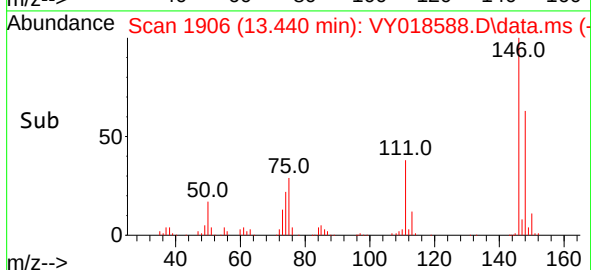
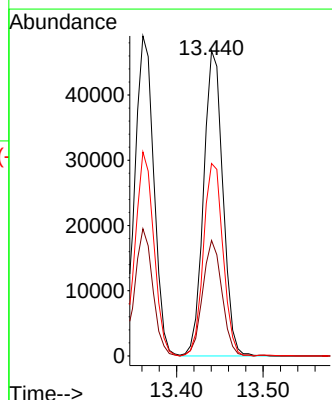
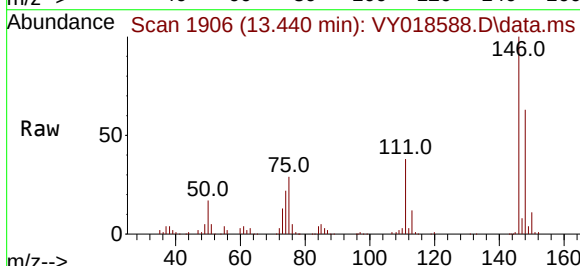
Tgt Ion:146 Resp: 72356

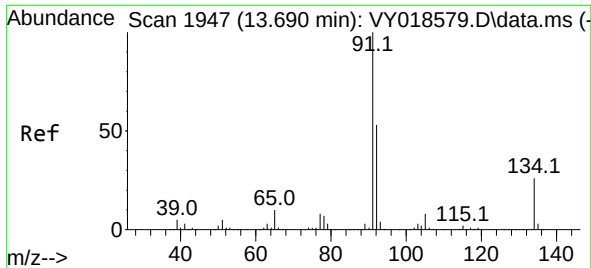
Ion Ratio Lower Upper

146 100

111 38.0 18.4 55.4

148 64.0 32.4 97.2

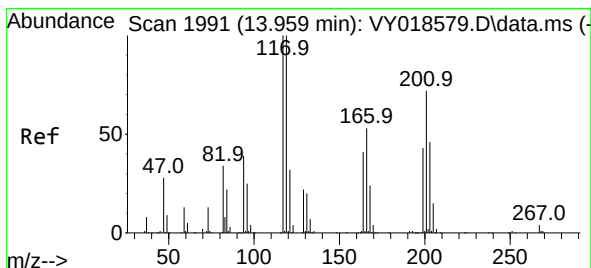
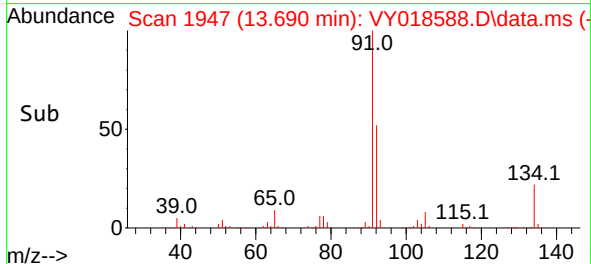
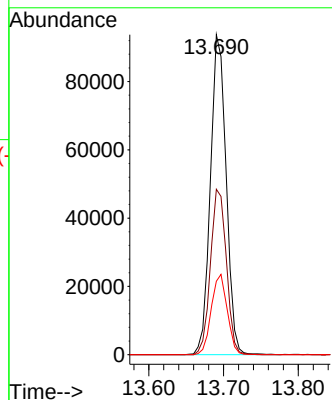
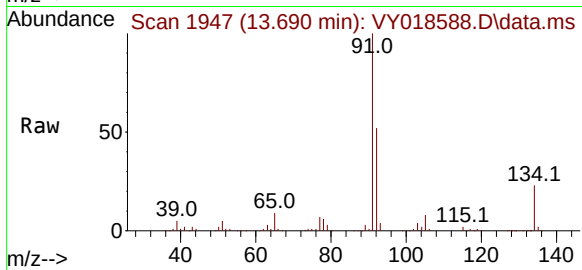




#89
n-Butylbenzene
Concen: 832.260 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

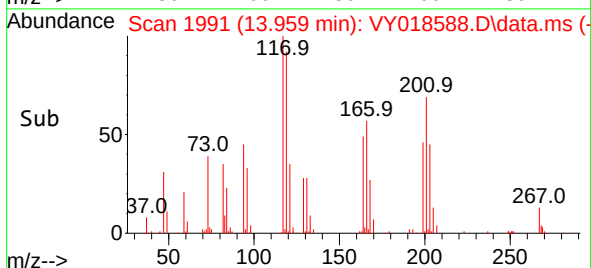
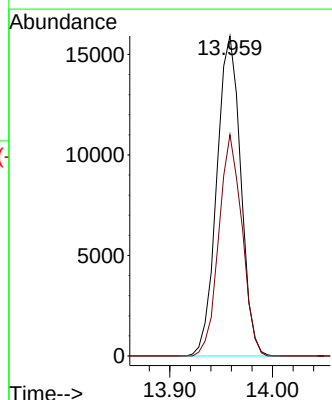
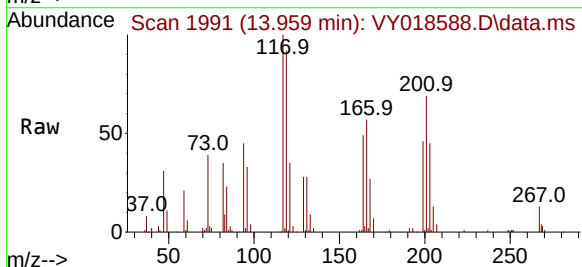
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS02

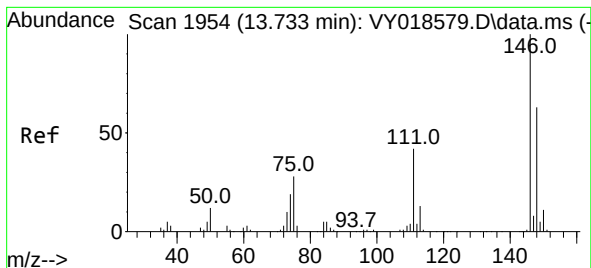
Tgt Ion: 91 Resp: 137153
Ion Ratio Lower Upper
91 100
92 52.2 26.6 79.7
134 25.4 12.9 38.7



#90
Hexachloroethane
Concen: 776.366 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY018588.D
Acq: 14 Jun 2024 12:25

Tgt Ion: 117 Resp: 25786
Ion Ratio Lower Upper
117 100
201 66.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 798.602 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

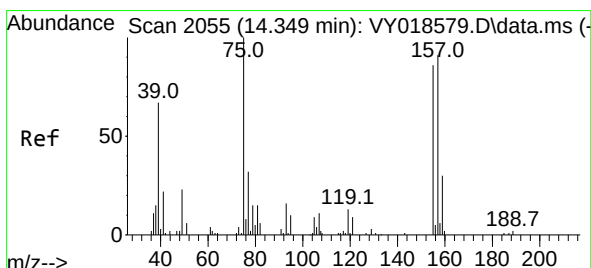
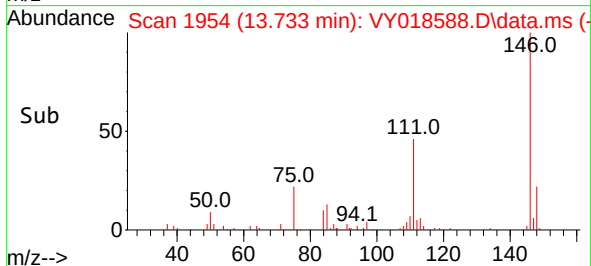
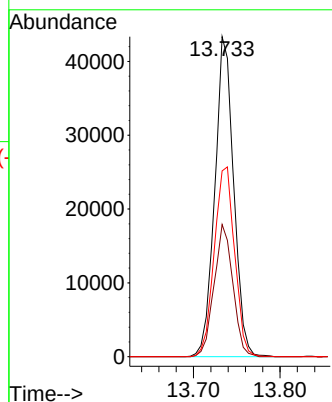
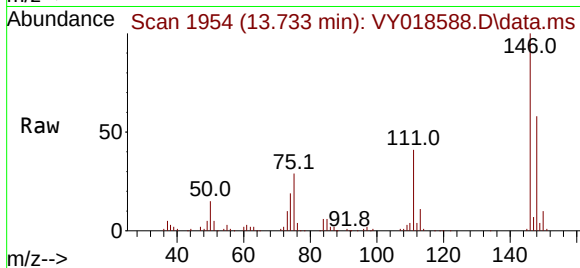
Tgt Ion:146 Resp: 65599

Ion Ratio Lower Upper

146 100

111 41.1 19.9 59.7

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 761.297 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

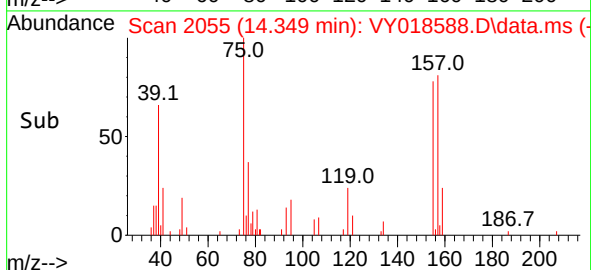
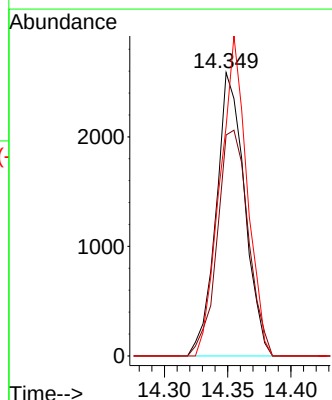
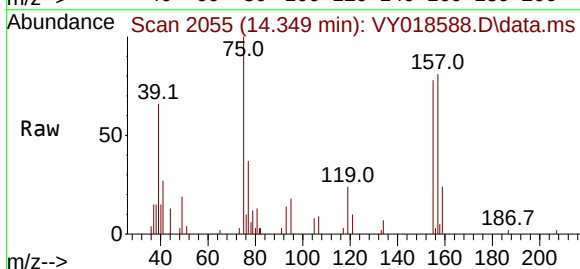
Tgt Ion: 75 Resp: 4035

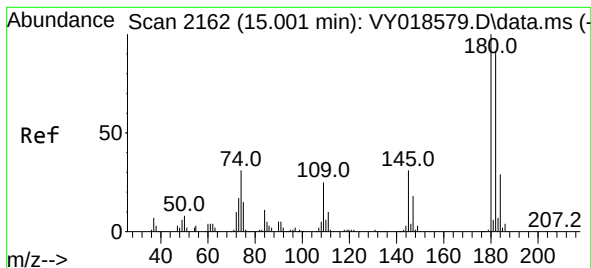
Ion Ratio Lower Upper

75 100

155 87.0 48.6 145.8

157 107.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 721.648 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

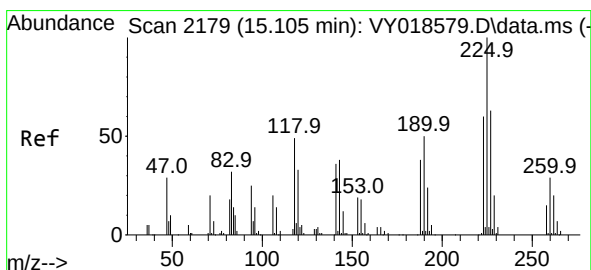
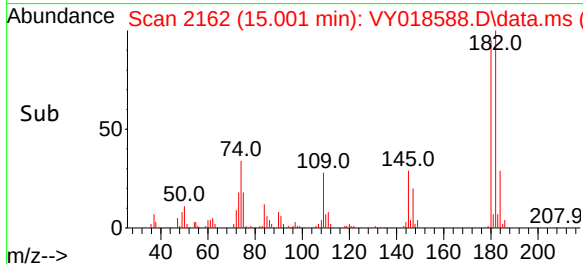
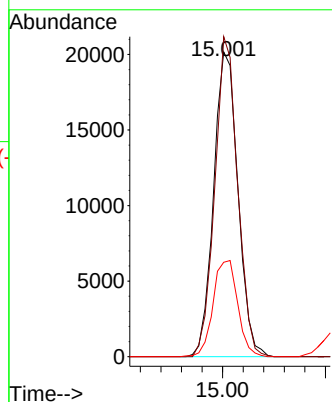
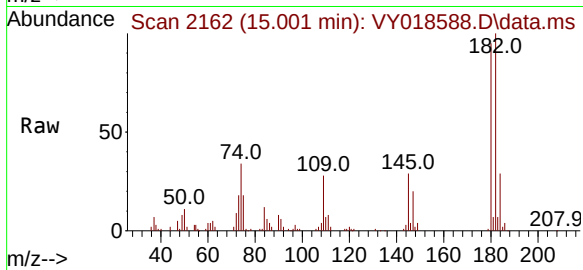
Tgt Ion:180 Resp: 33025

Ion Ratio Lower Upper

180 100

182 98.3 47.9 143.8

145 32.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 785.546 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

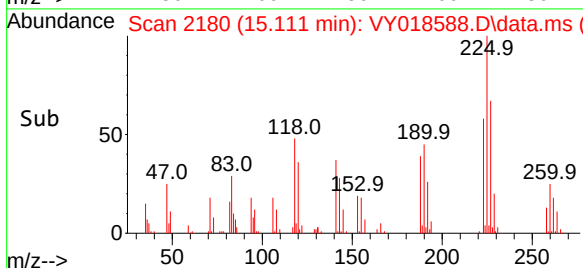
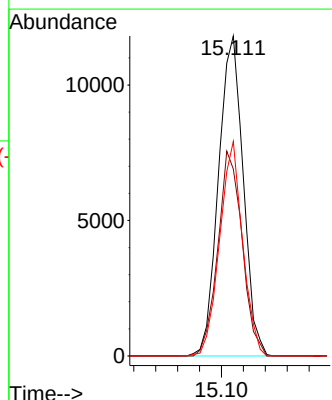
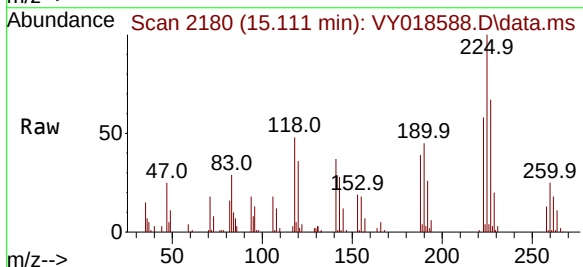
Tgt Ion:225 Resp: 18471

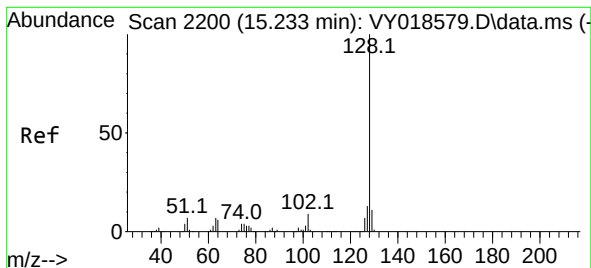
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 62.3 31.9 95.9





#95

Naphthalene

Concen: 726.954 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS02

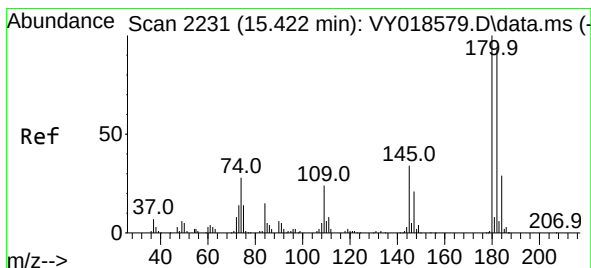
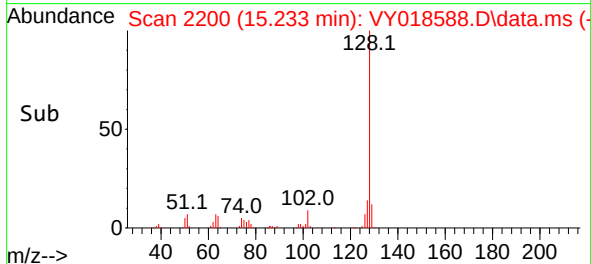
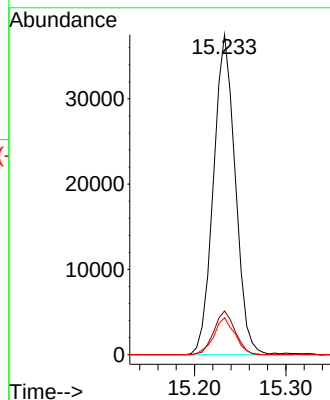
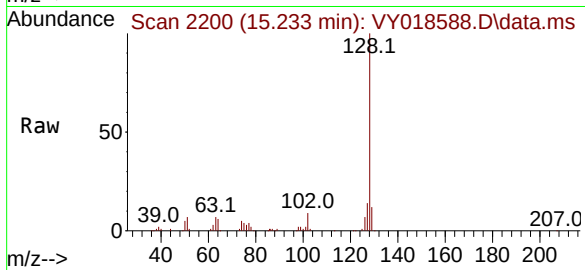
Tgt Ion:128 Resp: 62169

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 755.098 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018588.D

Acq: 14 Jun 2024 12:25

Tgt Ion:180 Resp: 29197

Ion Ratio Lower Upper

180 100

182 93.9 47.6 142.9

145 32.1 15.4 46.1

