

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015058.D
 Acq On : 11 Aug 2023 15:43
 Operator : SY/MD
 Sample : VY0811SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBS03

Quant Time: Aug 12 04:42:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	262813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	429519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	393078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	202200	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	170508	53.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.060%	
35) Dibromofluoromethane	7.710	113	148556	54.086	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.180%	
50) Toluene-d8	10.173	98	557657	53.341	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.680%	
62) 4-Bromofluorobenzene	12.477	95	201584	54.405	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.800%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	30359	18.696	ug/l	92
3) Chloromethane	2.107	50	37904	18.326	ug/l	97
4) Vinyl Chloride	2.241	62	46227	18.138	ug/l	100
5) Bromomethane	2.619	94	34265	18.297	ug/l	97
6) Chloroethane	2.772	64	33553	19.068	ug/l	98
7) Trichlorofluoromethane	3.107	101	75829	18.828	ug/l	93
8) Diethyl Ether	3.521	74	29043	19.542	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	45898	19.251	ug/l	97
10) Methyl Iodide	4.076	142	39858	16.170	ug/l	98
11) Tert butyl alcohol	4.942	59	89399	116.289	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	38401	18.486	ug/l	88
13) Acrolein	3.723	56	39990	152.911	ug/l	99
14) Allyl chloride	4.466	41	63867	18.462	ug/l	95
15) Acrylonitrile	5.149	53	97629	107.529	ug/l	98
16) Acetone	3.936	43	114274	115.045	ug/l	92
17) Carbon Disulfide	4.180	76	64463	14.035	ug/l	99
18) Methyl Acetate	4.466	43	76865	21.249	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	160933	20.477	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	42200	17.822	ug/l	89
22) Diisopropyl ether	6.112	45	159426	19.786	ug/l	89
23) Vinyl Acetate	6.045	43	485660	100.266	ug/l	95
24) 1,1-Dichloroethane	6.003	63	88707	19.409	ug/l	97
25) 2-Butanone	6.972	43	159112	111.838	ug/l	95
26) 2,2-Dichloropropane	6.972	77	88574	19.153	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	58205	19.424	ug/l	97
28) Bromochloromethane	7.320	49	44161	21.434	ug/l	90
29) Tetrahydrofuran	7.338	42	88528	106.111	ug/l	90
30) Chloroform	7.496	83	102559	20.657	ug/l	97
31) Cyclohexane	7.771	56	62328	16.567	ug/l #	89
32) 1,1,1-Trichloroethane	7.691	97	86284	19.720	ug/l	98
36) 1,1-Dichloropropene	7.911	75	60930	17.868	ug/l	98
37) Ethyl Acetate	7.064	43	59563	22.005	ug/l #	96
38) Carbon Tetrachloride	7.893	117	73873	19.270	ug/l	100
39) Methylcyclohexane	9.173	83	70288	17.332	ug/l	91
40) Benzene	8.155	78	191747	19.096	ug/l	98
41) Methacrylonitrile	7.332	41	83517	63.491	ug/l #	29

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.228	62	70797	20.255	ug/l	95
43) Isopropyl Acetate	8.265	43	104059	20.692	ug/l	97
44) Trichloroethene	8.935	130	57107	19.820	ug/l	95
45) 1,2-Dichloropropane	9.209	63	52853	19.805	ug/l	100
46) Dibromomethane	9.301	93	34628	20.143	ug/l	98
47) Bromodichloromethane	9.490	83	80813	20.413	ug/l	95
48) Methyl methacrylate	9.289	41	45394	20.573	ug/l	94
49) 1,4-Dioxane	9.295	88	14511	453.800	ug/l #	53
51) 4-Methyl-2-Pentanone	10.063	43	309739	109.294	ug/l	94
52) Toluene	10.240	92	127189	19.683	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	85006	20.619	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	88902	19.959	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	51734	20.705	ug/l	95
56) Ethyl methacrylate	10.502	69	74519	20.829	ug/l	90
57) 1,3-Dichloropropane	10.782	76	85284	20.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	176953	104.603	ug/l	92
59) 2-Hexanone	10.825	43	236175	112.812	ug/l	93
60) Dibromochloromethane	10.977	129	62832	21.120	ug/l	99
61) 1,2-Dibromoethane	11.081	107	49840	20.898	ug/l	100
64) Tetrachloroethene	10.715	164	61243	20.713	ug/l	98
65) Chlorobenzene	11.508	112	149389	20.029	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	59453	20.342	ug/l	99
67) Ethyl Benzene	11.587	91	259121	19.796	ug/l	100
68) m/p-Xylenes	11.697	106	198426	39.626	ug/l	96
69) o-Xylene	12.026	106	98337	20.069	ug/l	97
70) Styrene	12.038	104	171071	20.429	ug/l	96
71) Bromoform	12.203	173	43442	21.564	ug/l #	97
73) Isopropylbenzene	12.325	105	265896	19.562	ug/l	99
74) N-amyl acetate	12.142	43	94478	20.344	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	68230	20.541	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	91108	37.604	ug/l #	100
77) Bromobenzene	12.605	156	64985	19.711	ug/l	97
78) n-propylbenzene	12.666	91	316497	19.468	ug/l	99
79) 2-Chlorotoluene	12.752	91	182501	19.697	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	222730	19.885	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.374	75	22870	20.795	ug/l	94
82) 4-Chlorotoluene	12.849	91	187208	19.545	ug/l	98
83) tert-Butylbenzene	13.069	119	207304	20.231	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	225403	20.085	ug/l	97
85) sec-Butylbenzene	13.251	105	295817	19.671	ug/l	100
86) p-Isopropyltoluene	13.367	119	245192	19.697	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	131759	20.417	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	133238	20.703	ug/l	98
89) n-Butylbenzene	13.690	91	233044	19.925	ug/l	96
90) Hexachloroethane	13.959	117	46645	19.296	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	125031	20.993	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	13772	21.235	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	80207	21.045	ug/l	98
94) Hexachlorobutadiene	15.111	225	42704	20.663	ug/l	99
95) Naphthalene	15.233	128	197571	22.031	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	71269	20.659	ug/l	99

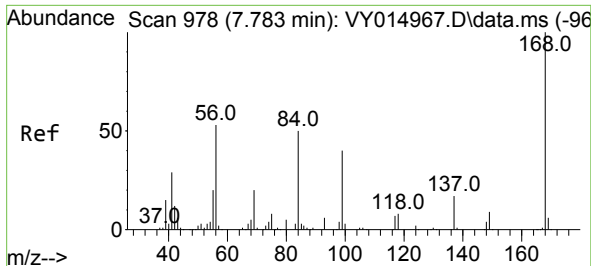
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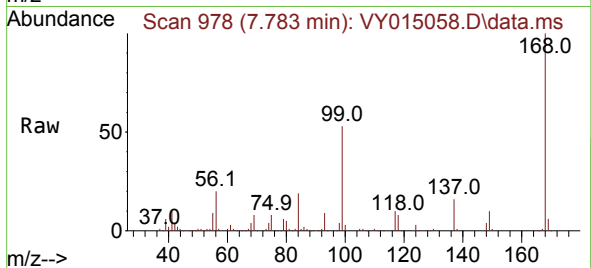
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

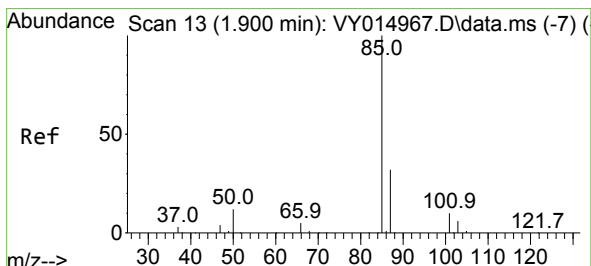
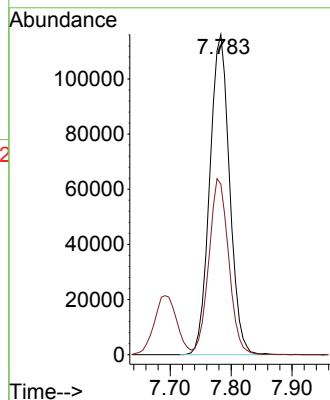
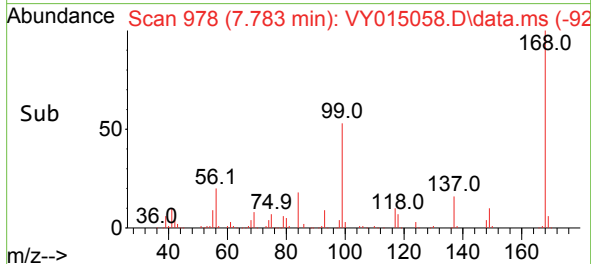


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015058.D
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Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

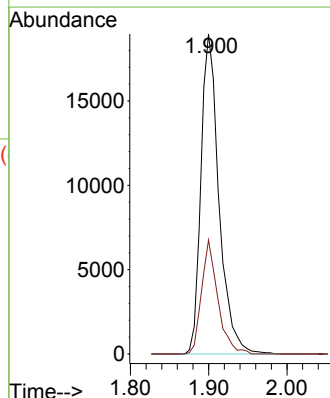
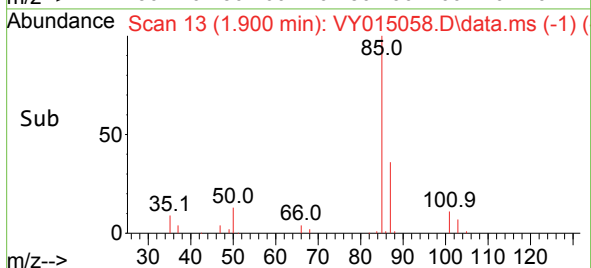
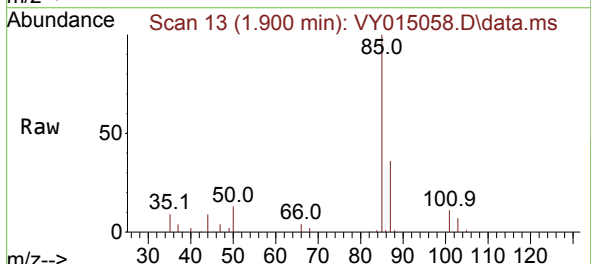


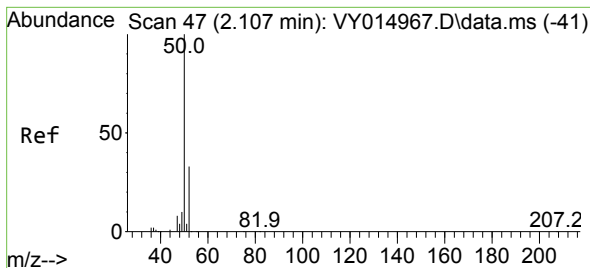
Tgt Ion:168 Resp: 262813
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.696 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 85 Resp: 30359
Ion Ratio Lower Upper
85 100
87 35.6 15.6 46.8





#3

Chloromethane

Concen: 18.326 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

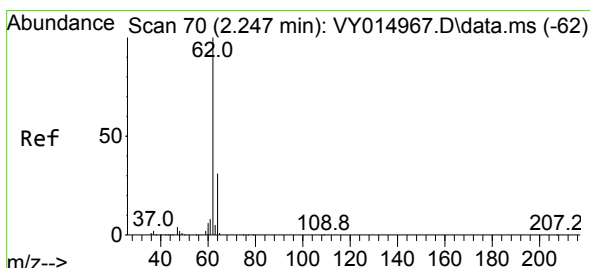
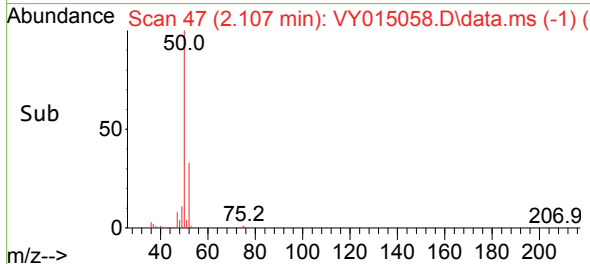
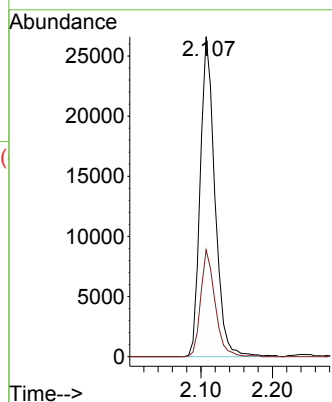
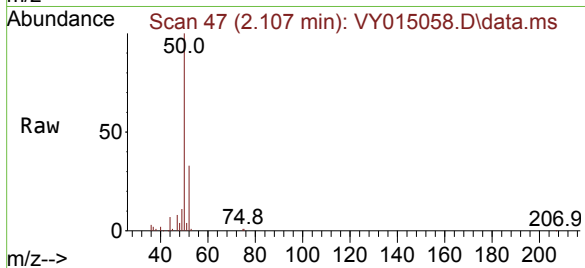
VY0811SBS03

Tgt Ion: 50 Resp: 37904

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 18.138 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.006 min

Lab File: VY015058.D

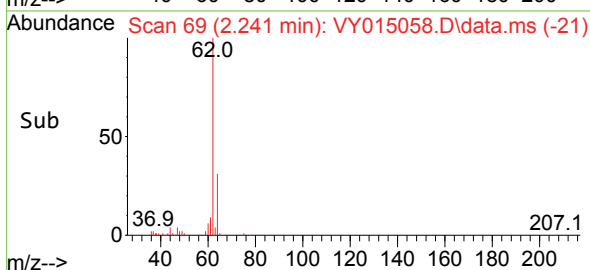
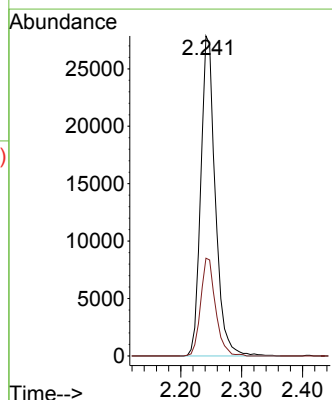
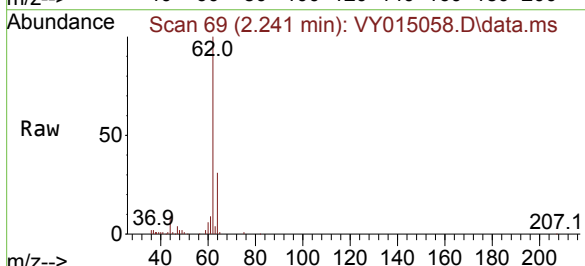
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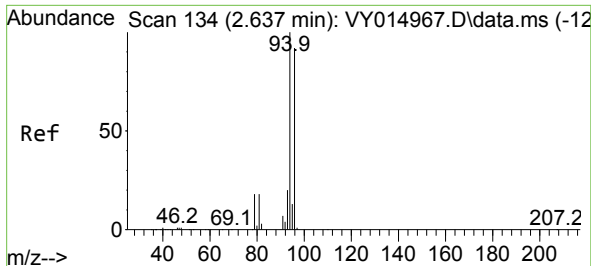
Tgt Ion: 62 Resp: 46227

Ion Ratio Lower Upper

62 100

64 30.6 24.3 36.5

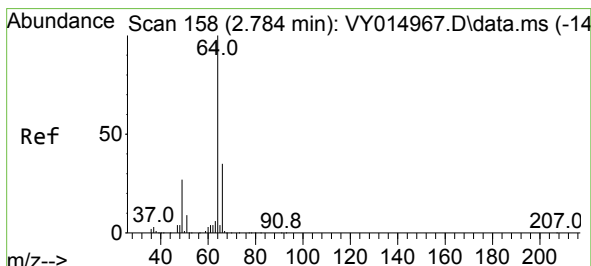
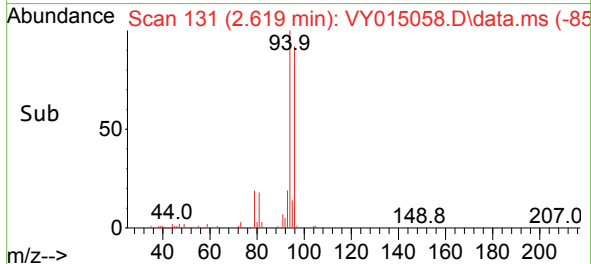
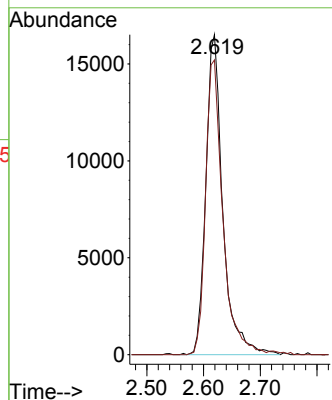
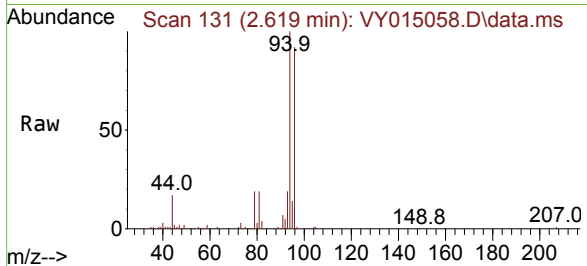




#5
Bromomethane
Concen: 18.297 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY015058.D
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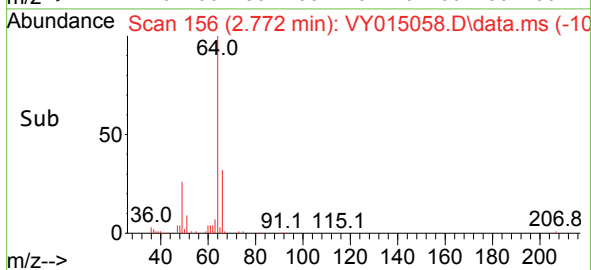
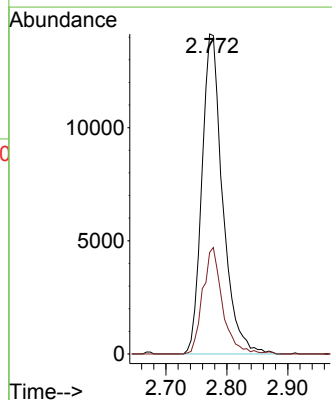
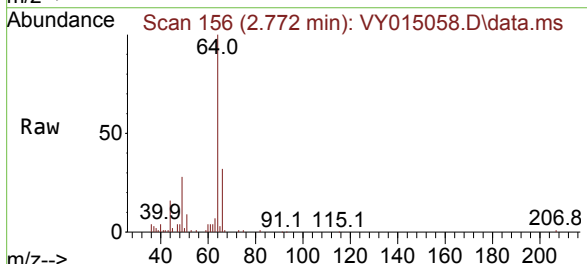
Instrument :
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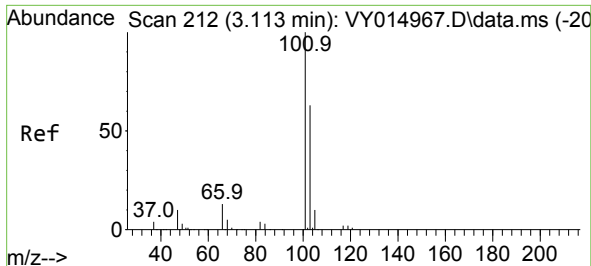
Tgt Ion: 94 Resp: 34265
Ion Ratio Lower Upper
94 100
96 92.1 75.8 113.6



#6
Chloroethane
Concen: 19.068 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 64 Resp: 33553
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6

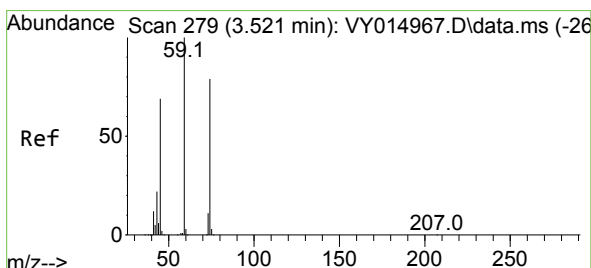
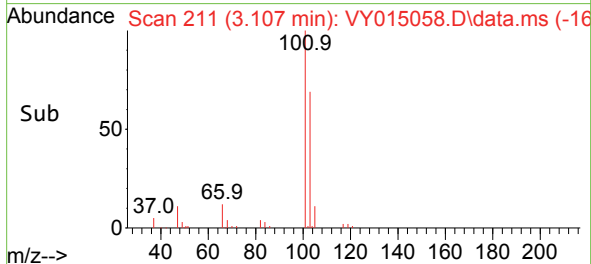
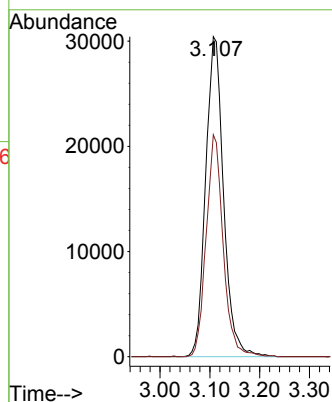
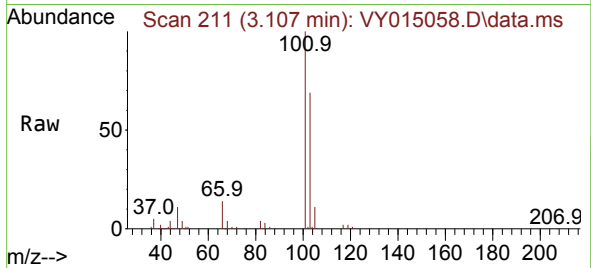




#7
Trichlorofluoromethane
Concen: 18.828 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY015058.D
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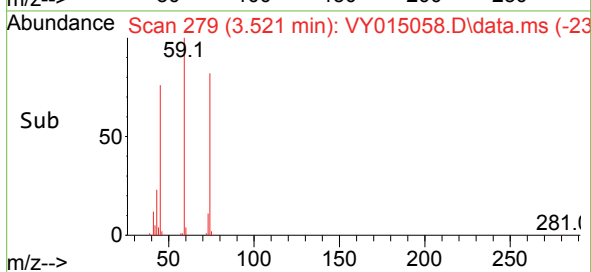
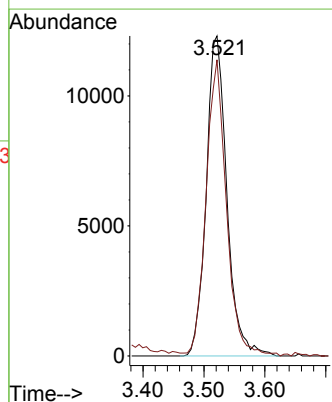
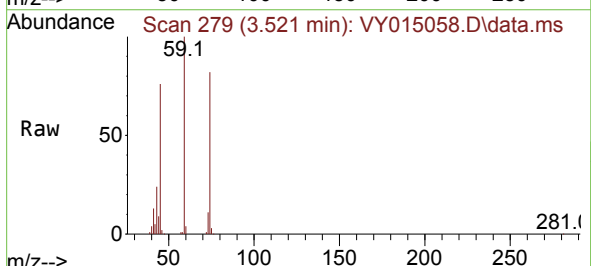
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ClientSampleId :
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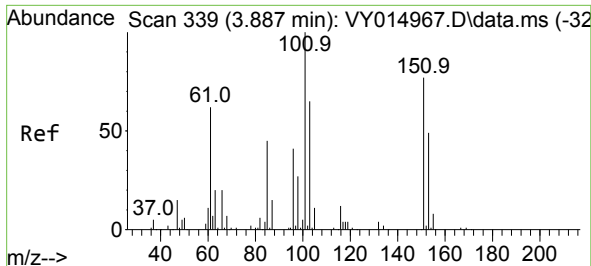
Tgt Ion:101 Resp: 75829
Ion Ratio Lower Upper
101 100
103 69.3 51.4 77.0



#8
Diethyl Ether
Concen: 19.542 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 74 Resp: 29043
Ion Ratio Lower Upper
74 100
45 91.2 51.5 154.5

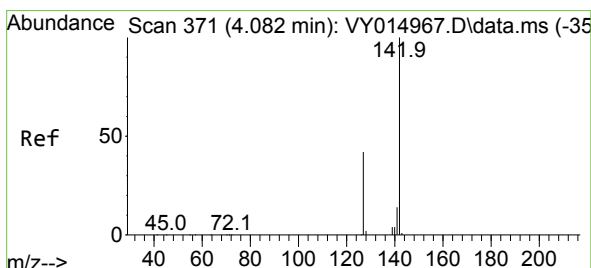
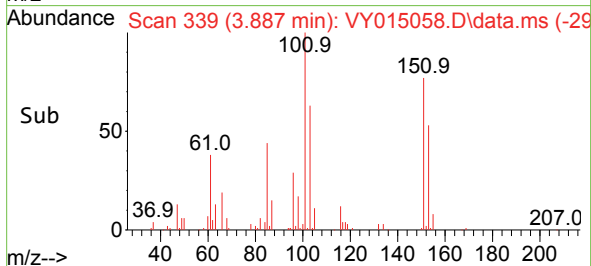
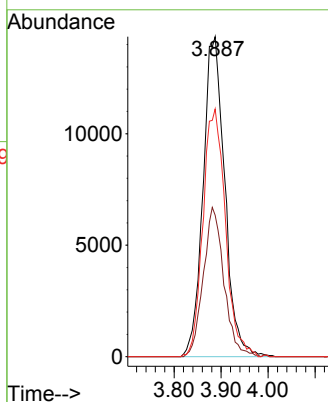
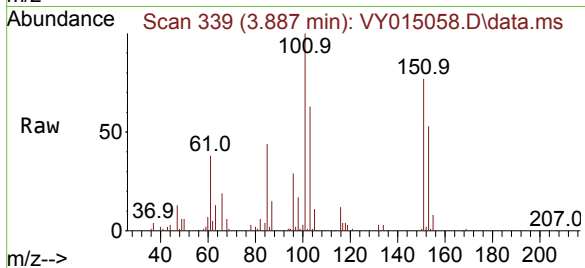




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.251 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY015058.D
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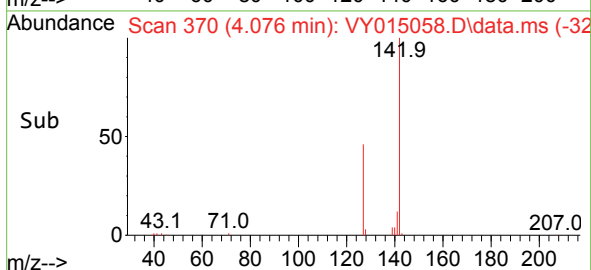
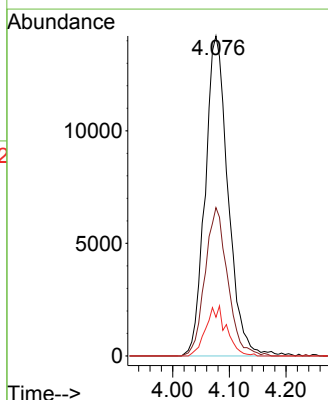
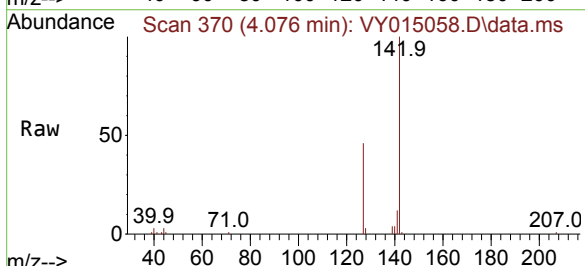
Instrument :
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ClientSampleId :
VY0811SBS03

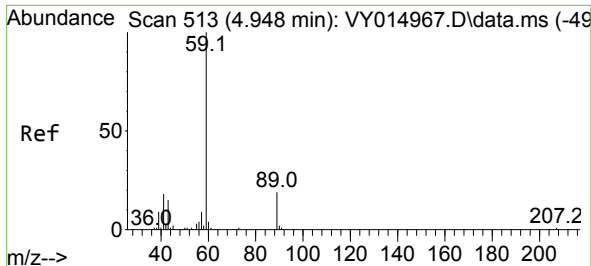
Tgt Ion:101 Resp: 45898
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 80.0 67.0 100.6



#10
Methyl Iodide
Concen: 16.170 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion:142 Resp: 39858
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.2 11.8 17.8

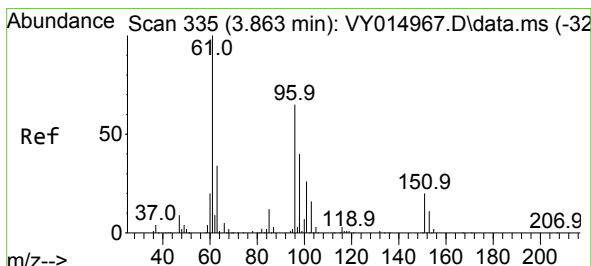
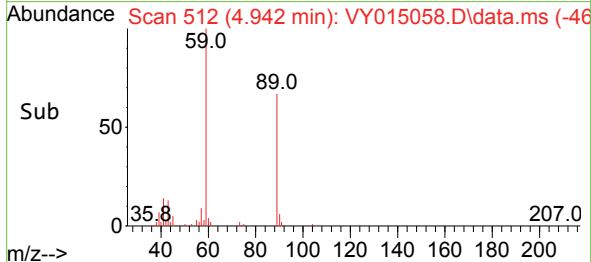
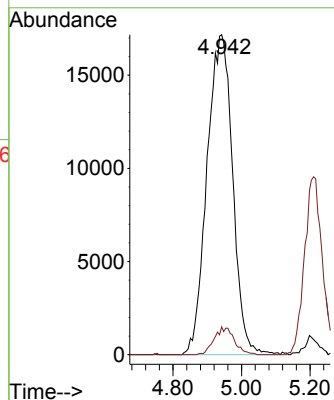
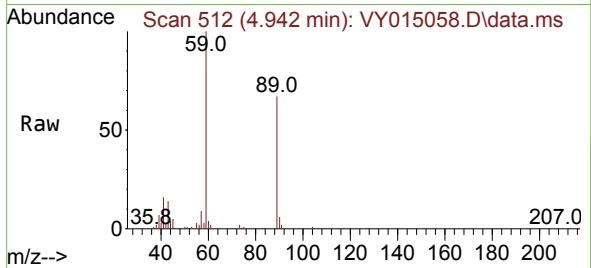




#11
Tert butyl alcohol
Concen: 116.289 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

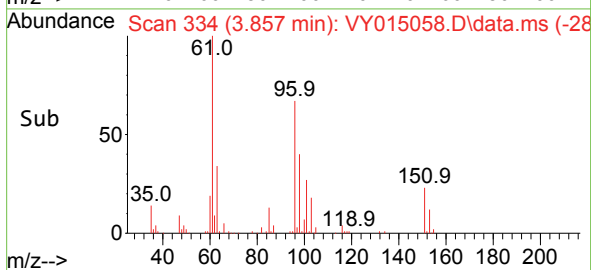
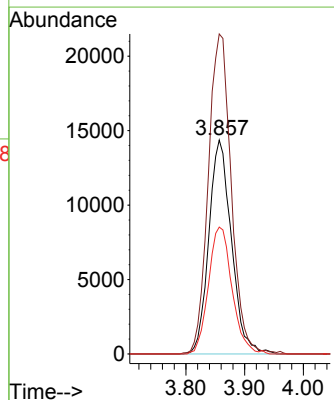
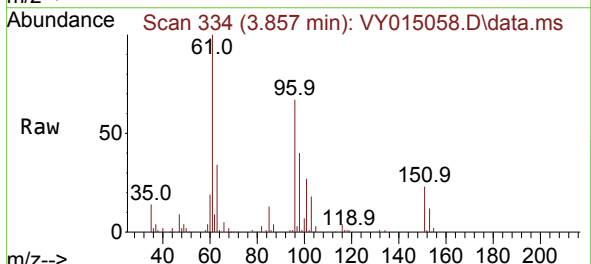
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

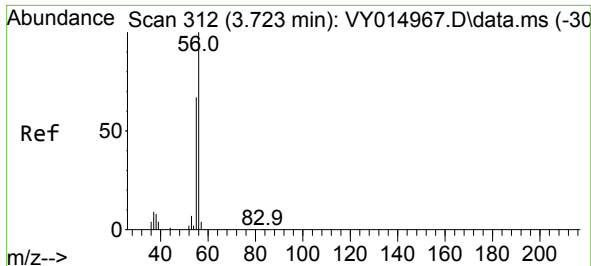
Tgt Ion: 59 Resp: 89399
Ion Ratio Lower Upper
59 100
57 6.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.486 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 96 Resp: 38401
Ion Ratio Lower Upper
96 100
61 149.6 136.4 204.6
98 59.3 49.4 74.2





#13

Acrolein

Concen: 152.911 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

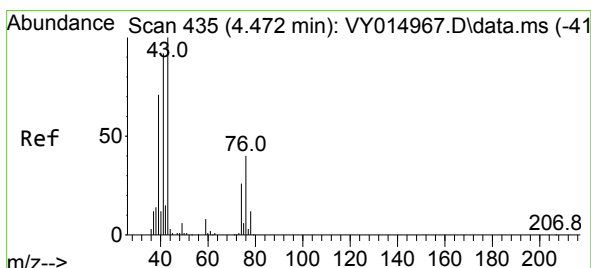
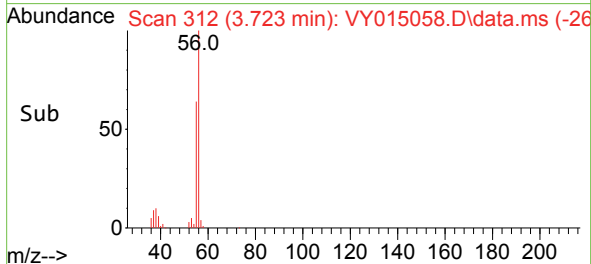
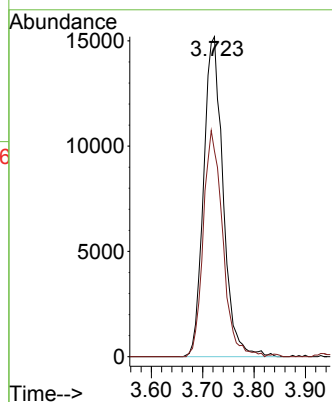
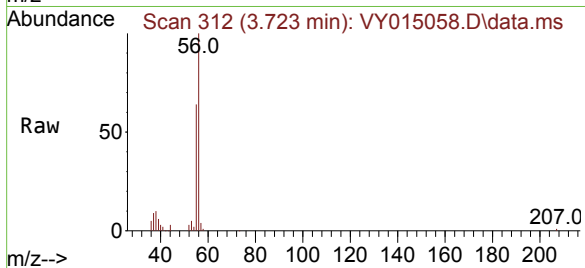
VY0811SBS03

Tgt Ion: 56 Resp: 39990

Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4



#14

Allyl chloride

Concen: 18.462 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

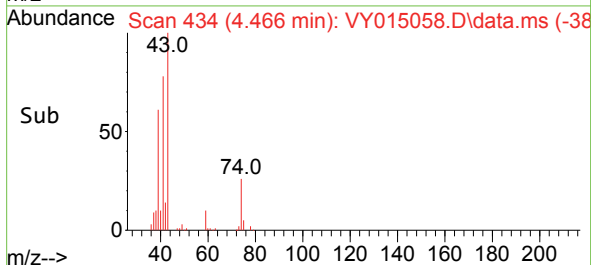
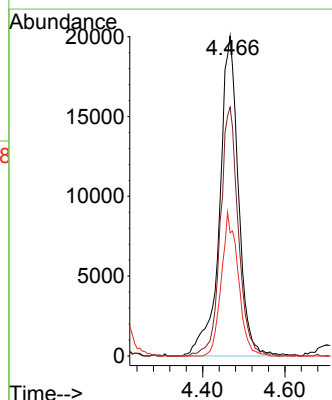
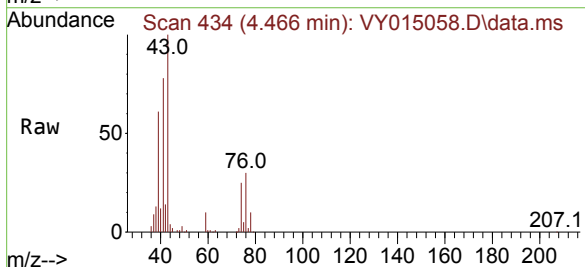
Tgt Ion: 41 Resp: 63867

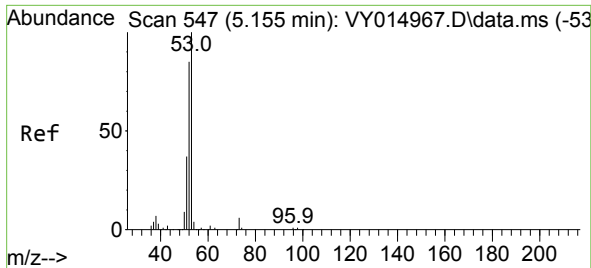
Ion Ratio Lower Upper

41 100

39 74.2 58.0 87.0

76 40.2 27.4 41.2

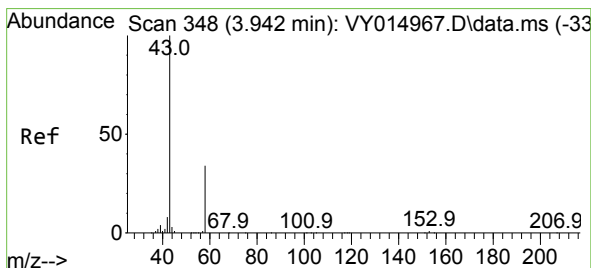
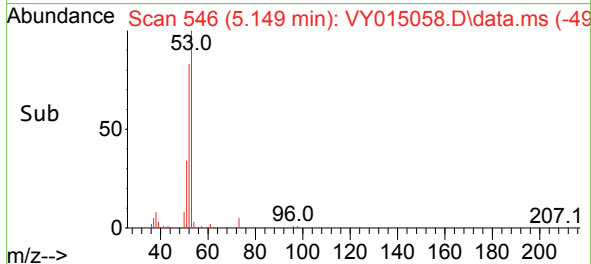
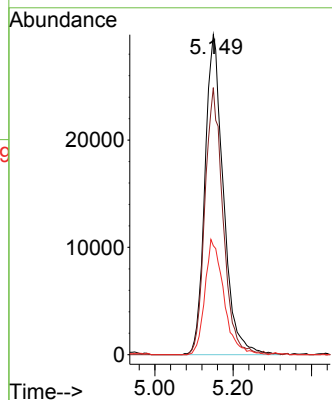
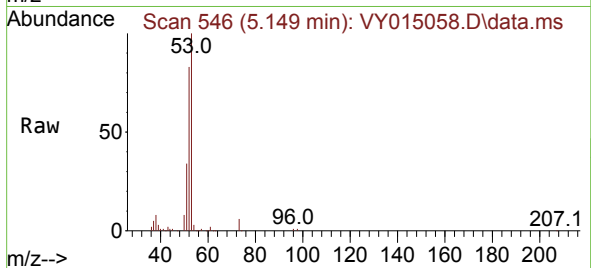




#15
Acrylonitrile
Concen: 107.529 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

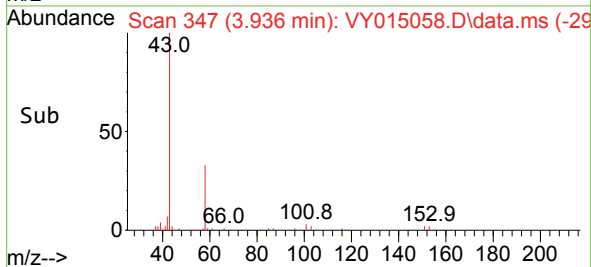
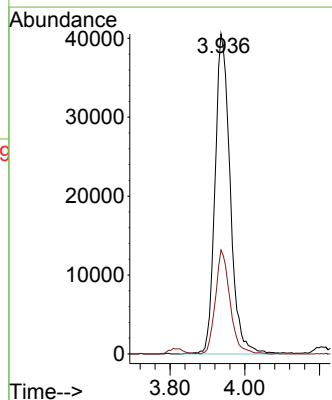
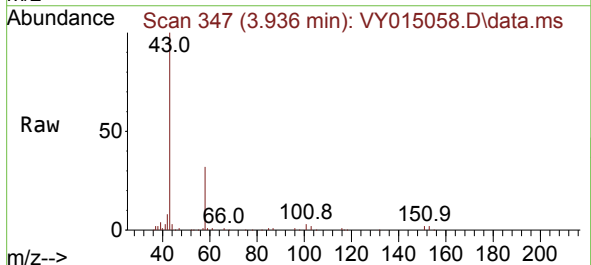
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

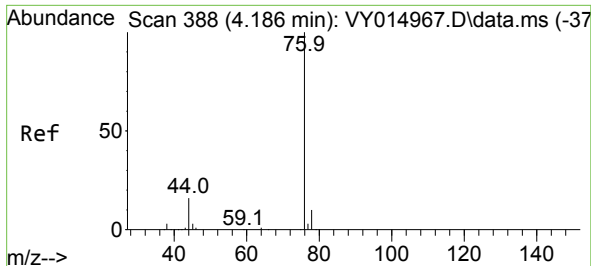
Tgt Ion: 53	Resp:	97629	
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.9	100.3
51	36.9	29.8	44.6



#16
Acetone
Concen: 115.045 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 43	Resp: 114274
Ion Ratio	Lower Upper
43 100	
58 32.4	22.7 34.1





#17

Carbon Disulfide

Concen: 14.035 ug/l

RT: 4.180 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

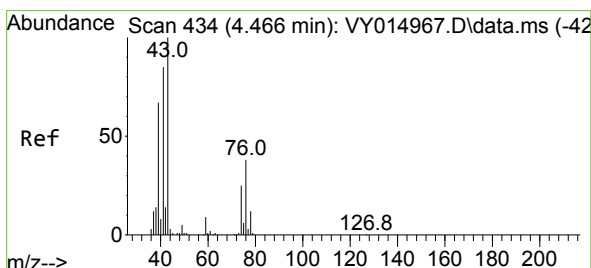
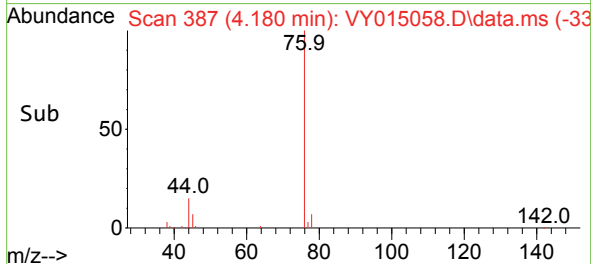
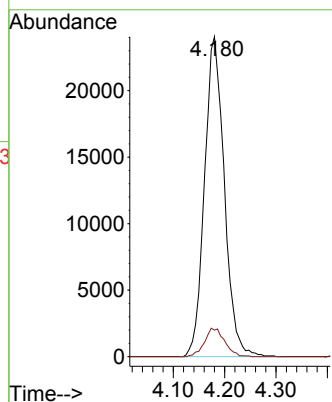
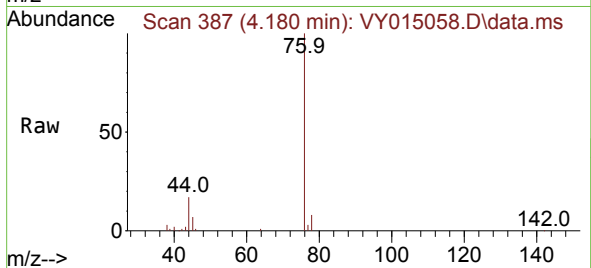
VY0811SBS03

Tgt Ion: 76 Resp: 64463

Ion Ratio Lower Upper

76 100

78 8.3 7.0 10.4



#18

Methyl Acetate

Concen: 21.249 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY015058.D

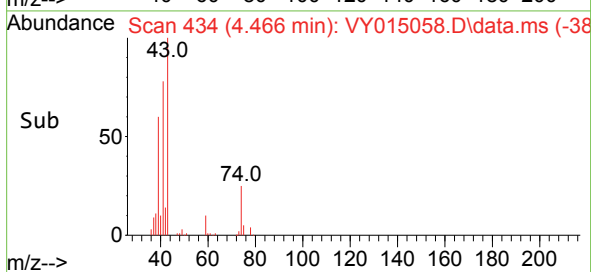
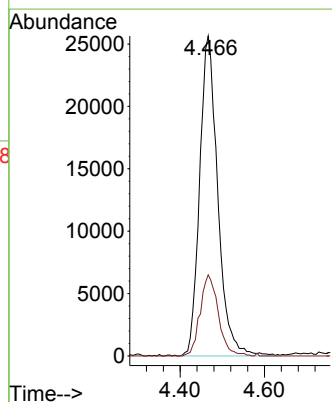
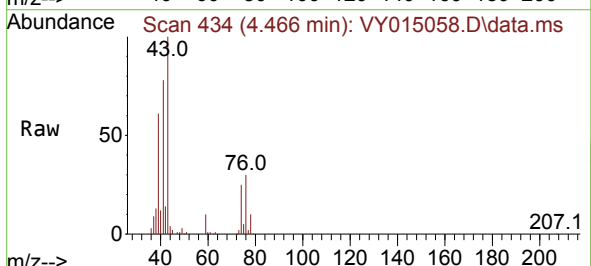
Acq: 11 Aug 2023 15:43

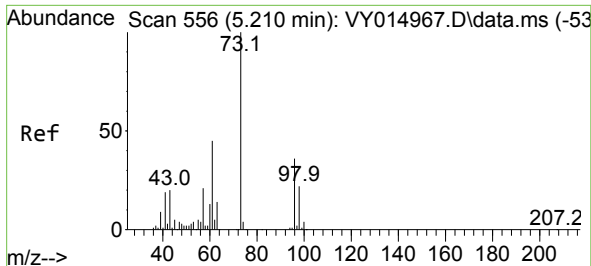
Tgt Ion: 43 Resp: 76865

Ion Ratio Lower Upper

43 100

74 25.4 17.4 26.0

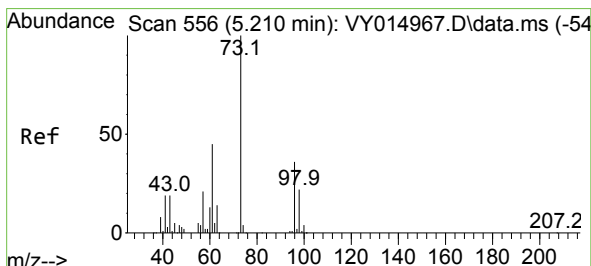
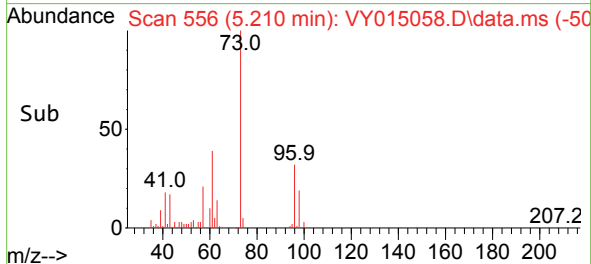
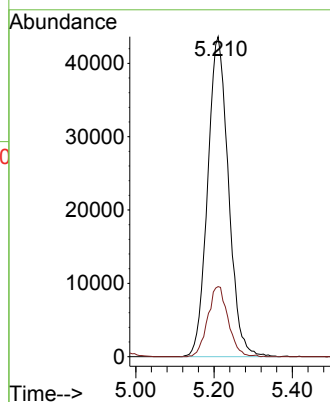
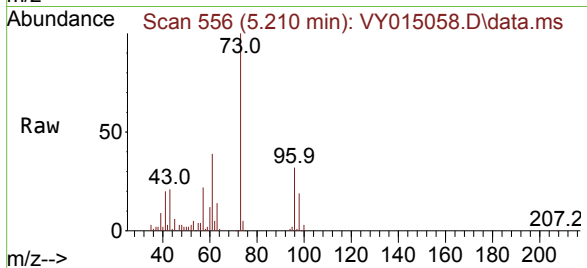




#19
Methyl tert-butyl Ether
Concen: 20.477 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

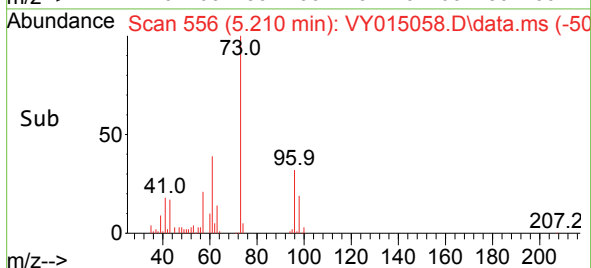
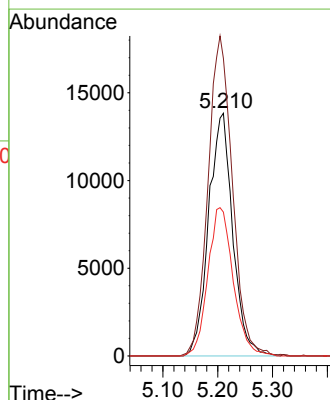
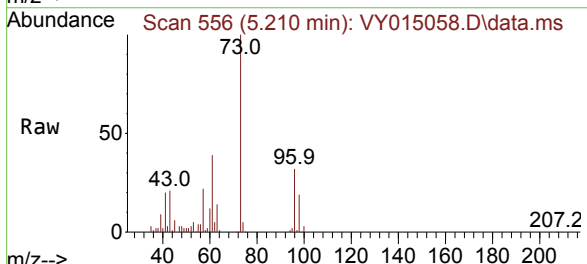
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

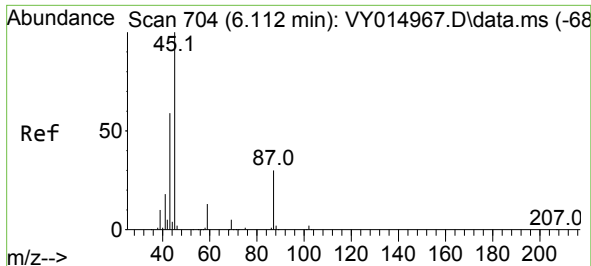
Tgt Ion: 73 Resp: 160933
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#21
trans-1,2-Dichloroethene
Concen: 17.822 ug/l
RT: 5.210 min Scan# 556
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

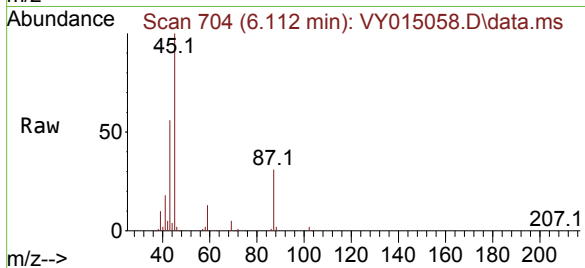
Tgt Ion: 96 Resp: 42200
Ion Ratio Lower Upper
96 100
61 122.7 110.2 165.4
98 59.3 51.8 77.6



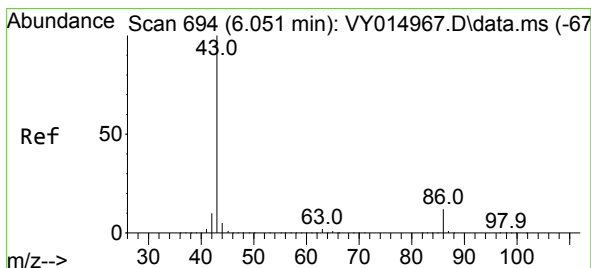
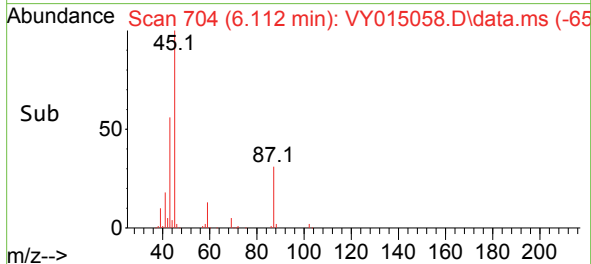
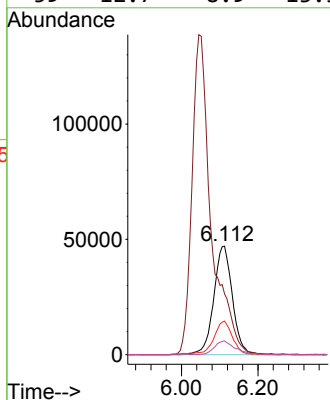


#22
Diisopropyl ether
Concen: 19.786 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

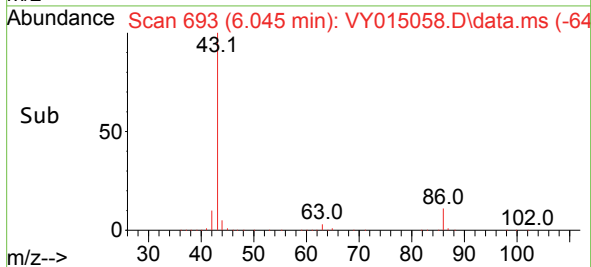
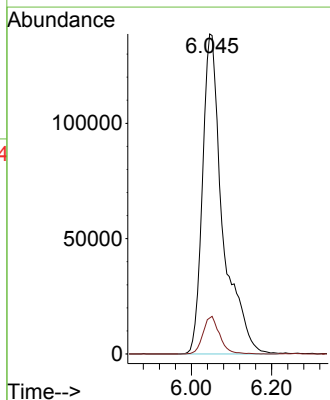
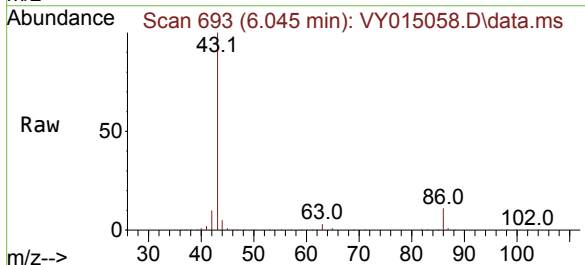


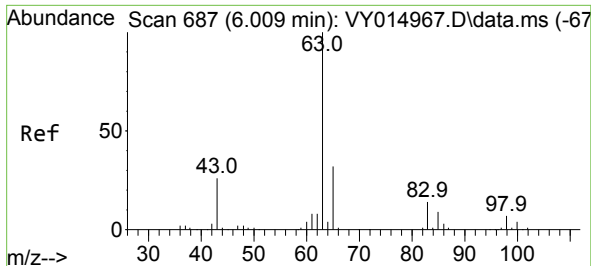
Tgt Ion:	45	Resp:	159426
Ion	Ratio	Lower	Upper
45	100		
43	55.5	52.2	78.4
87	31.1	21.0	31.6
59	12.7	8.9	13.3



#23
Vinyl Acetate
Concen: 100.266 ug/l
RT: 6.045 min Scan# 693
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion:	43	Resp:	485660
Ion	Ratio	Lower	Upper
43	100		
86	11.3	7.5	11.3

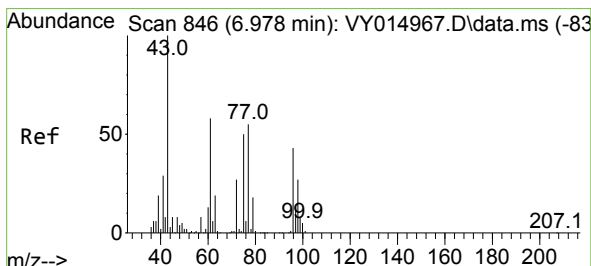
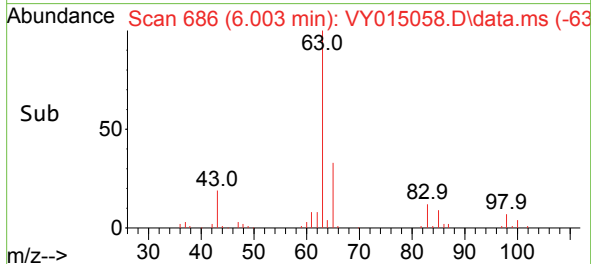
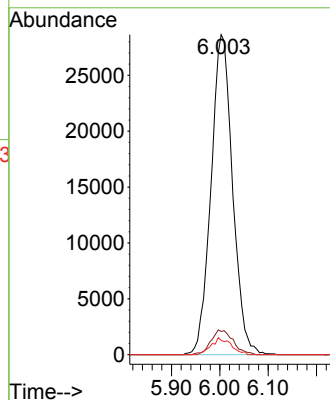
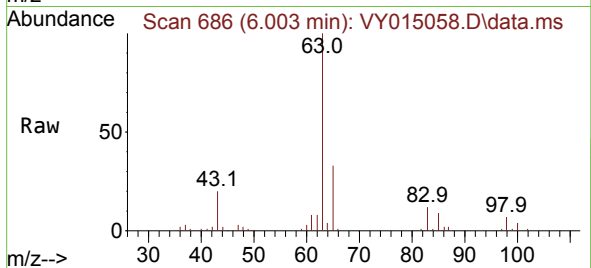




#24
1,1-Dichloroethane
Concen: 19.409 ug/l
RT: 6.003 min Scan# 61
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

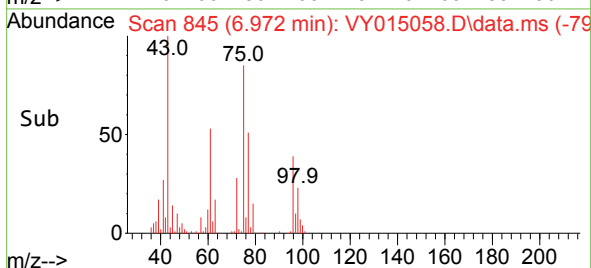
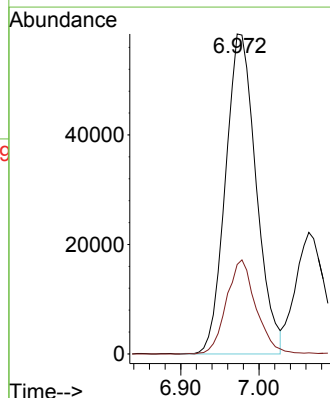
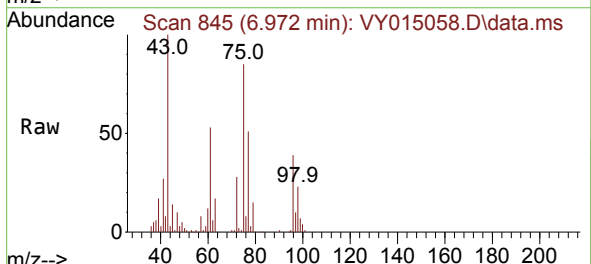
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

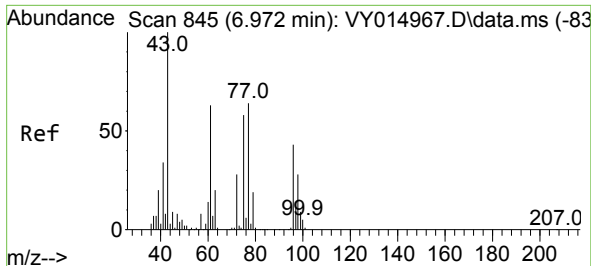
Tgt Ion: 63 Resp: 88707
Ion Ratio Lower Upper
63 100
98 7.3 3.1 9.4
100 4.4 1.8 5.5



#25
2-Butanone
Concen: 111.838 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 43 Resp: 159112
Ion Ratio Lower Upper
43 100
72 28.0 20.5 30.7

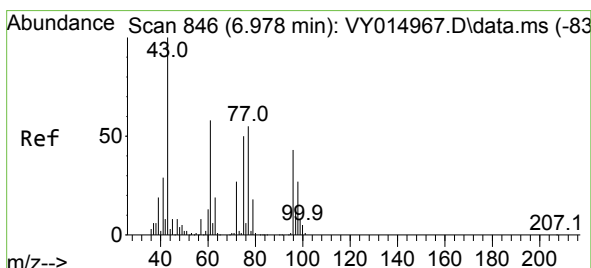
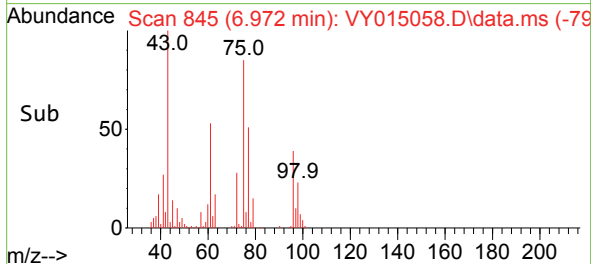
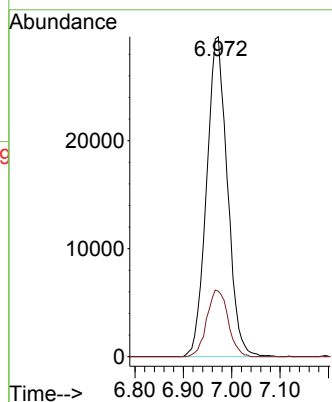
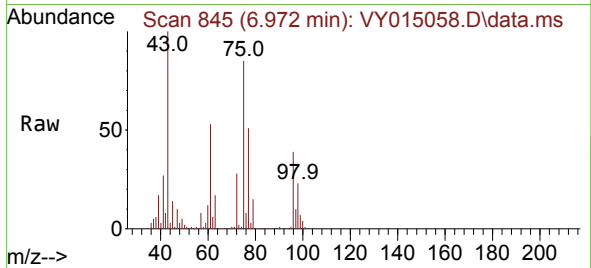




#26
2,2-Dichloropropane
Concen: 19.153 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

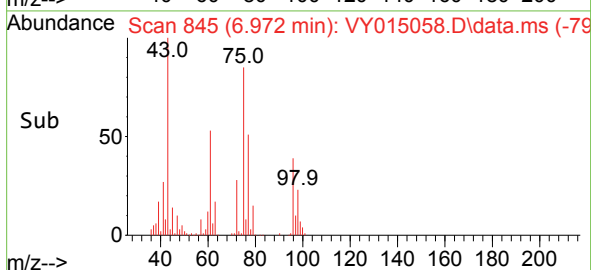
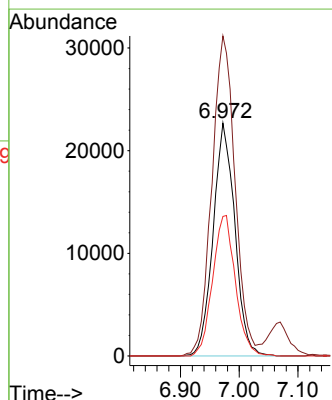
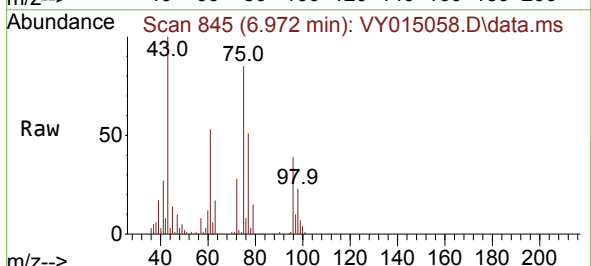
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

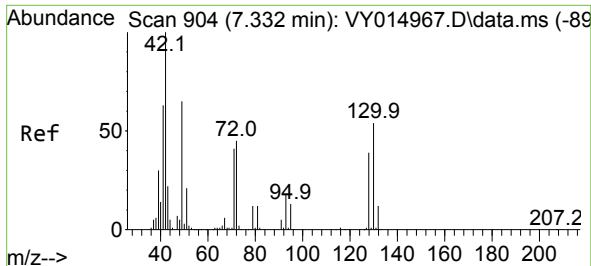
Tgt Ion: 77 Resp: 88574
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.9



#27
cis-1,2-Dichloroethene
Concen: 19.424 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 96 Resp: 58205
Ion Ratio Lower Upper
96 100
61 147.1 0.0 301.4
98 63.4 0.0 130.4

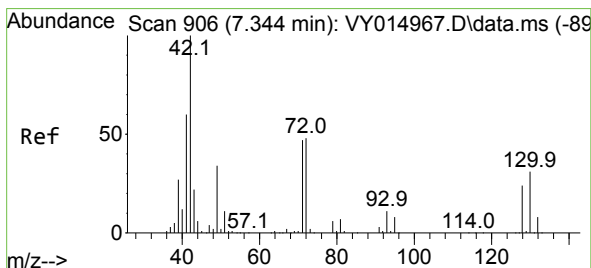
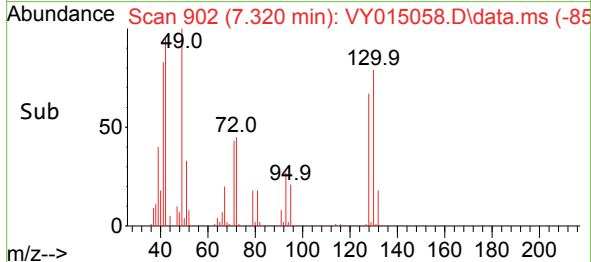
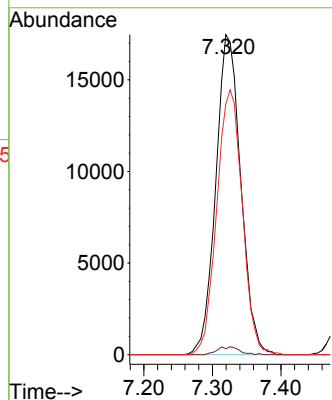
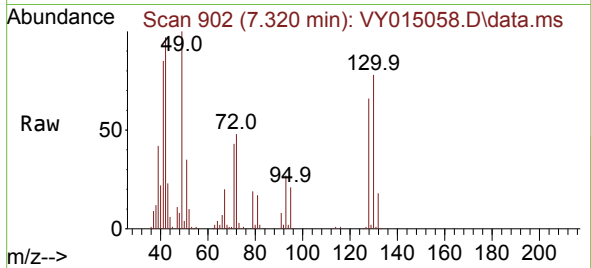




#28
Bromochloromethane
Concen: 21.434 ug/l
RT: 7.320 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

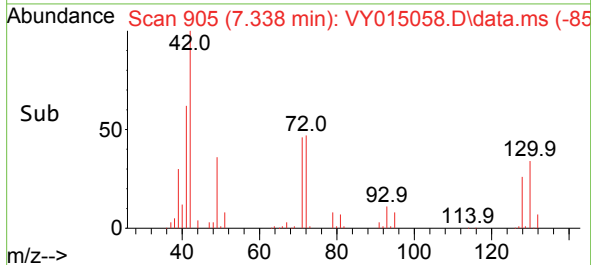
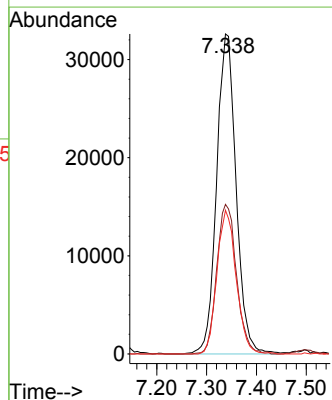
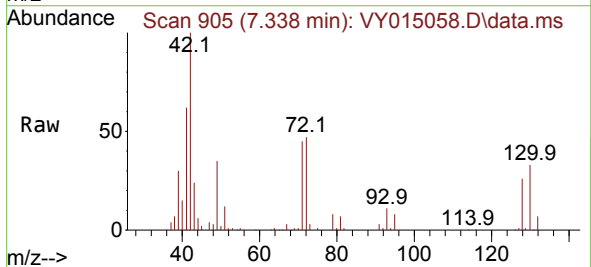
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

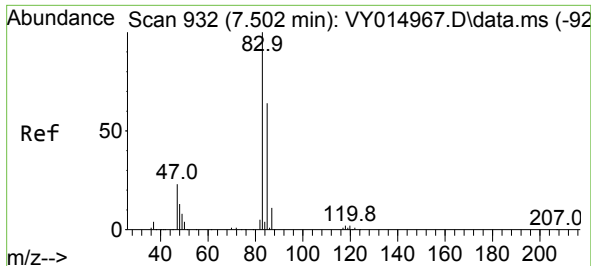
Tgt Ion: 49 Resp: 44161
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 84.6 60.7 91.1



#29
Tetrahydrofuran
Concen: 106.111 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 42 Resp: 88528
Ion Ratio Lower Upper
42 100
72 47.5 32.8 49.2
71 44.3 31.0 46.4

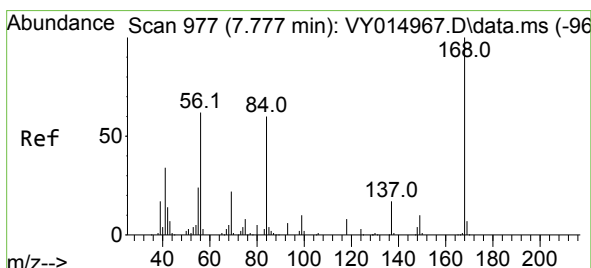
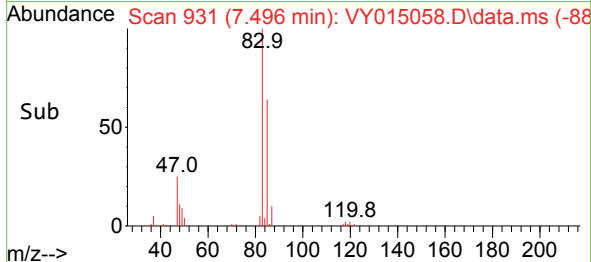
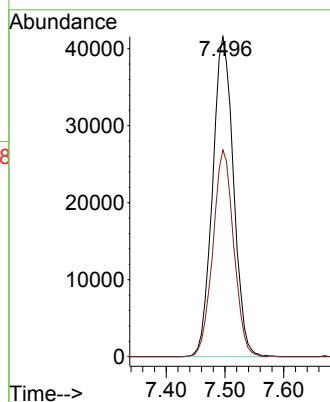
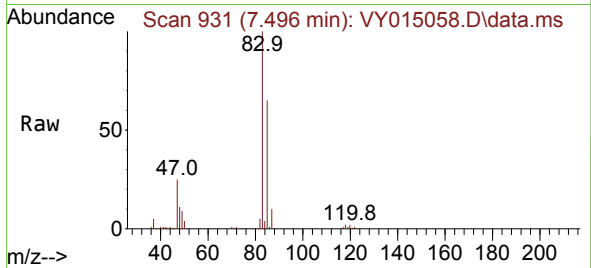




#30
Chloroform
Concen: 20.657 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

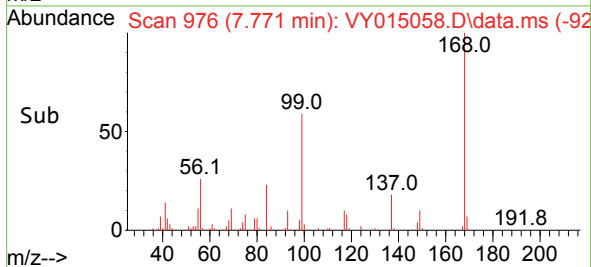
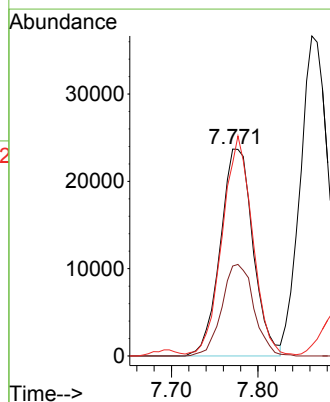
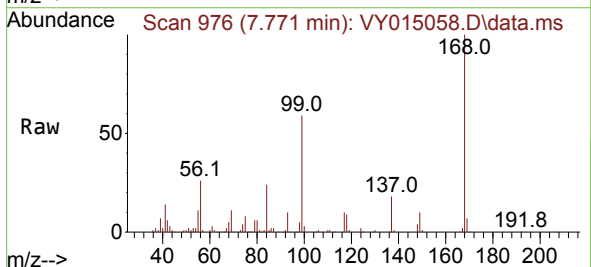
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

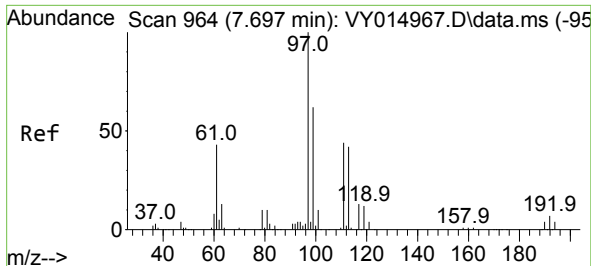
Tgt Ion: 83 Resp: 102559
Ion Ratio Lower Upper
83 100
85 64.6 49.7 74.5



#31
Cyclohexane
Concen: 16.567 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 56 Resp: 62328
Ion Ratio Lower Upper
56 100
69 43.4 27.8 41.6#
84 91.9 66.4 99.6

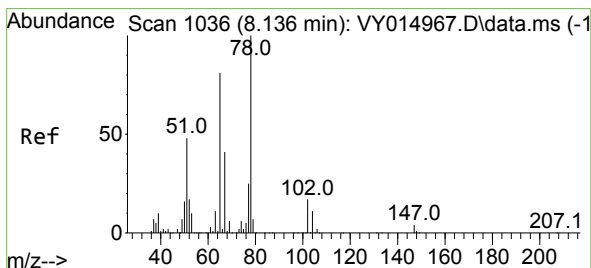
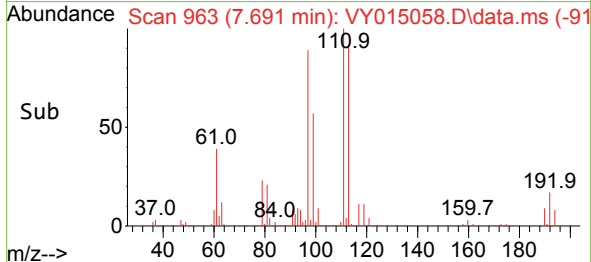
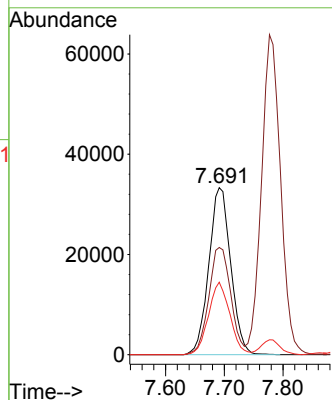
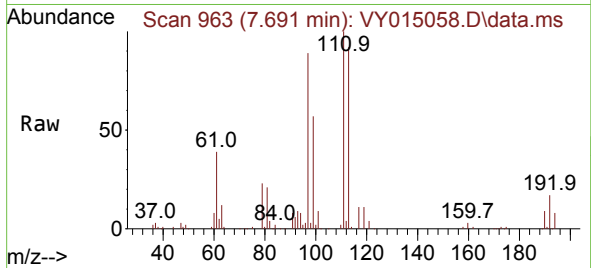




#32
1,1,1-Trichloroethane
Concen: 19.720 ug/l
RT: 7.691 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

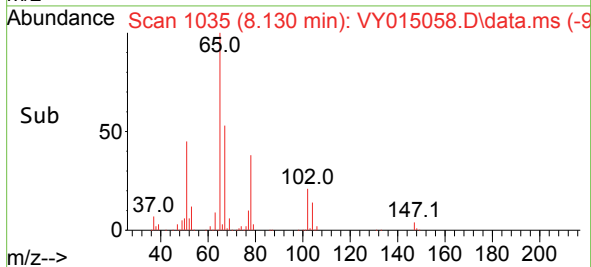
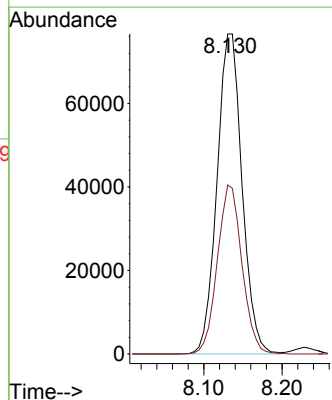
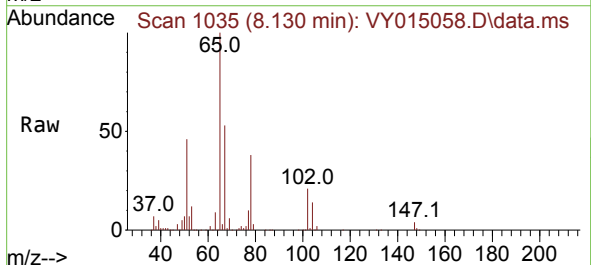
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

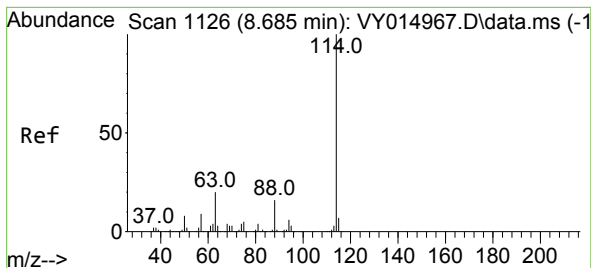
Tgt Ion: 97 Resp: 86284
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 42.4 35.1 52.7



#33
1,2-Dichloroethane-d4
Concen: 53.528 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 65 Resp: 170508
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0811SBS03

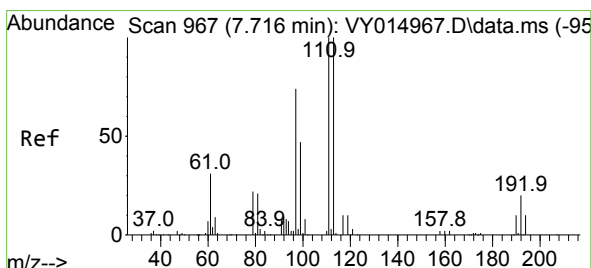
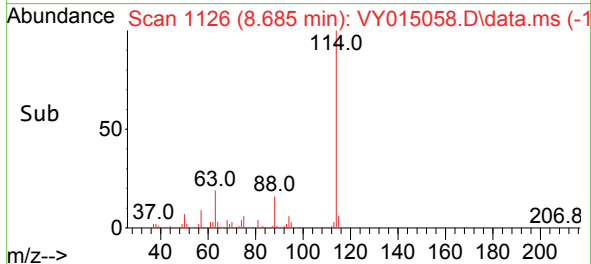
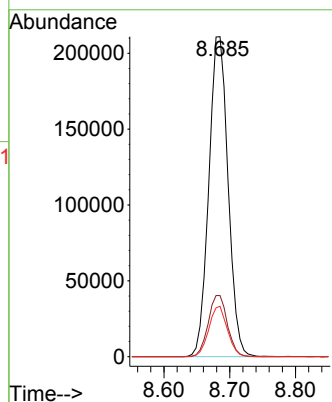
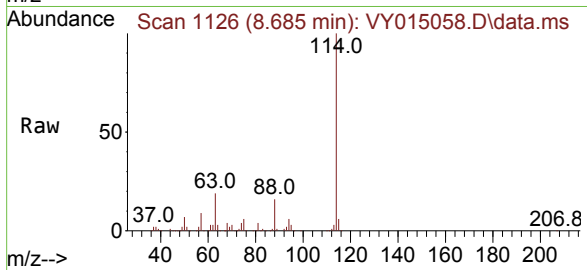
Tgt Ion:114 Resp: 429519

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.086 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

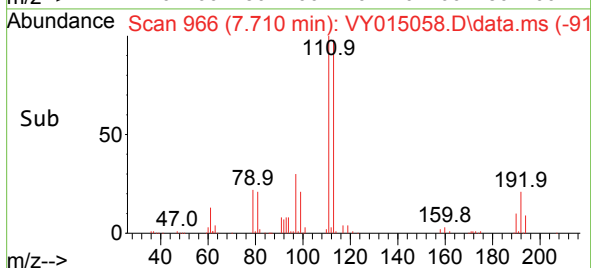
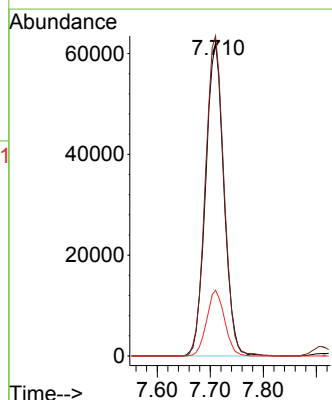
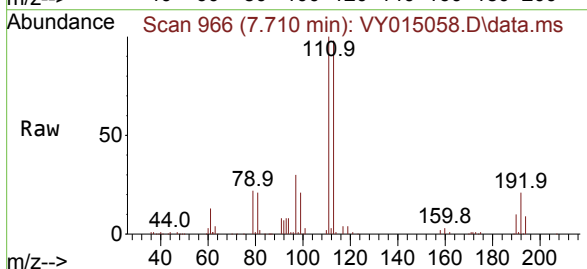
Tgt Ion:113 Resp: 148556

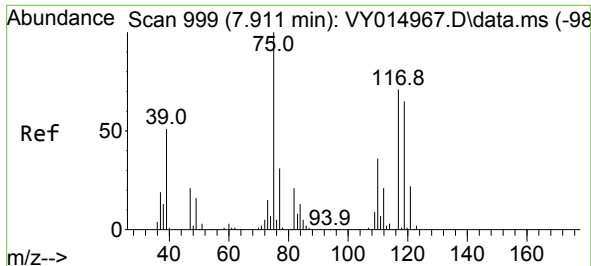
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 20.6 16.9 25.3

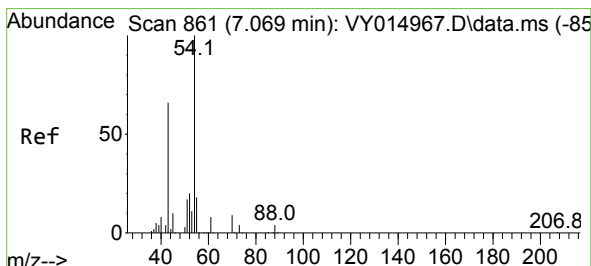
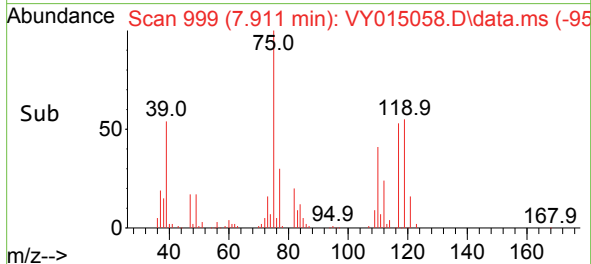
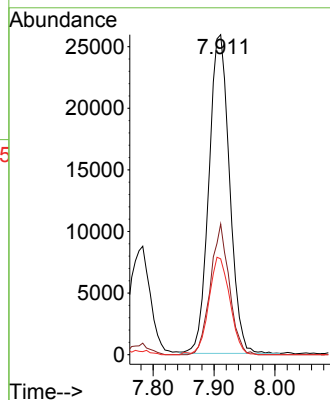
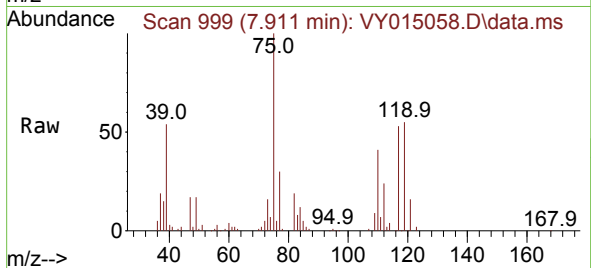




#36
1,1-Dichloropropene
Concen: 17.868 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

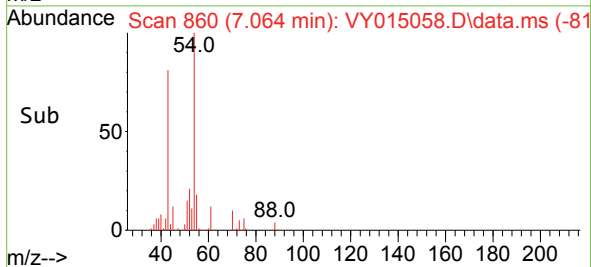
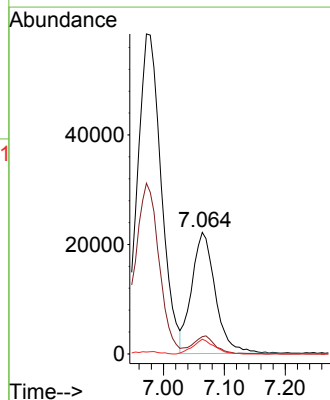
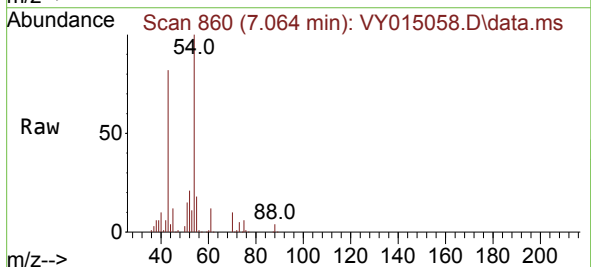
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

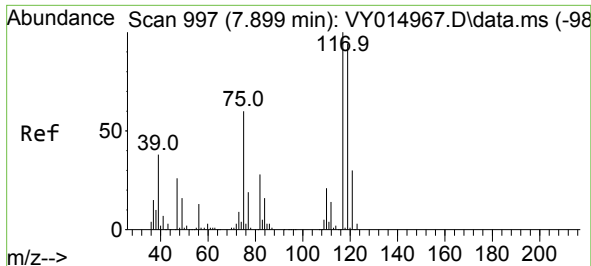
Tgt Ion: 75 Resp: 60930
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 31.1 24.4 36.6



#37
Ethyl Acetate
Concen: 22.005 ug/l
RT: 7.064 min Scan# 860
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

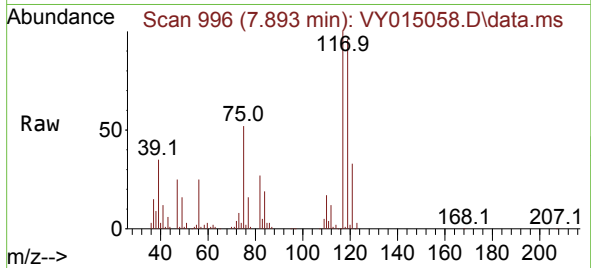
Tgt Ion: 43 Resp: 59563
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 10.9 7.1 10.7#



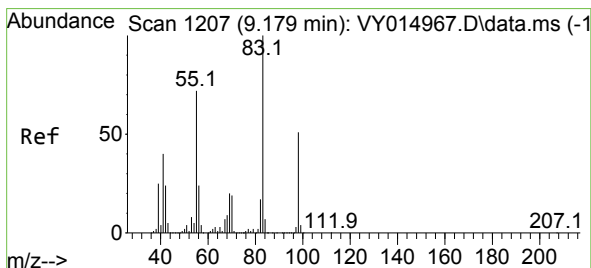
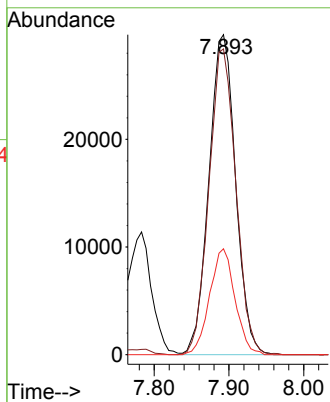
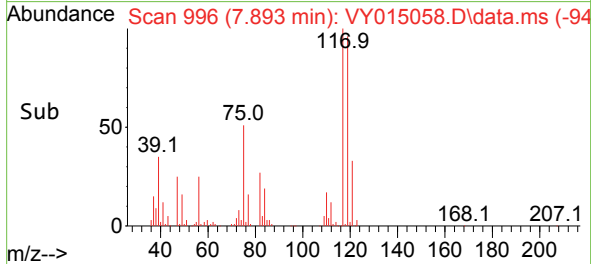


#38
Carbon Tetrachloride
Concen: 19.270 ug/l
RT: 7.893 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

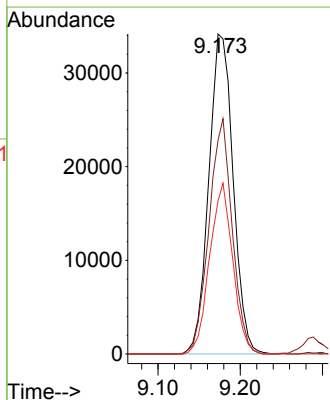
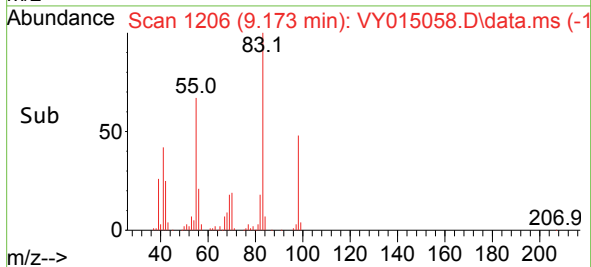
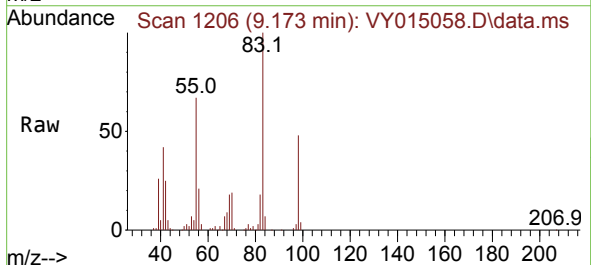


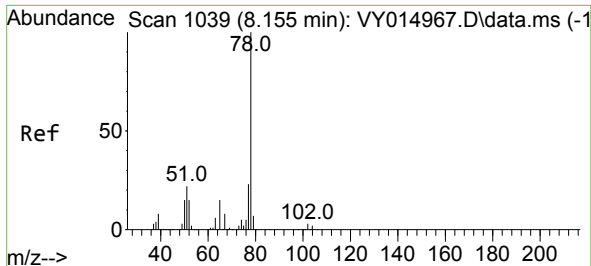
Tgt Ion:117 Resp: 73873
Ion Ratio Lower Upper
117 100
119 95.6 76.4 114.6
121 33.1 25.8 38.6



#39
Methylcyclohexane
Concen: 17.332 ug/l
RT: 9.173 min Scan# 1206
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 83 Resp: 70288
Ion Ratio Lower Upper
83 100
55 66.8 63.0 94.4
98 47.8 37.4 56.2

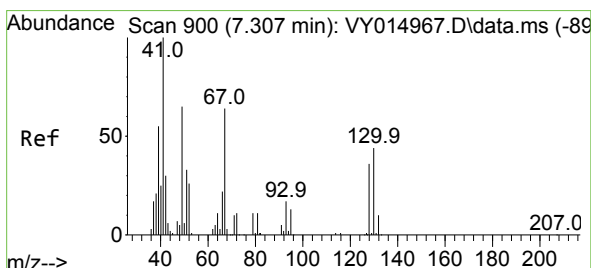
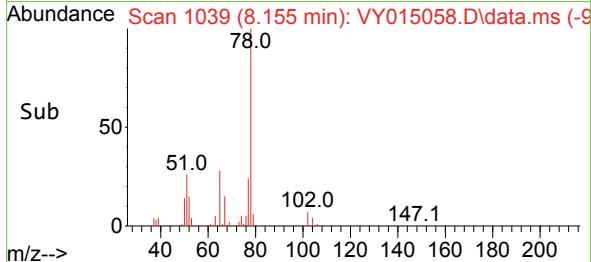
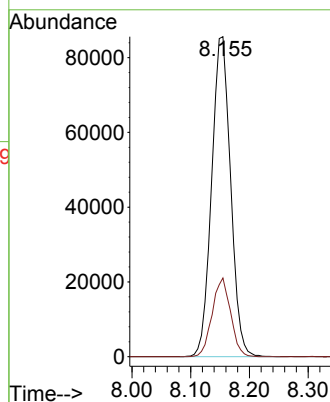
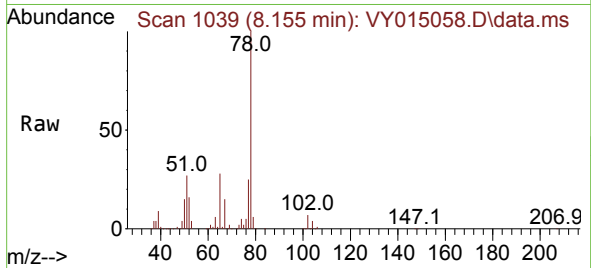




#40
Benzene
Concen: 19.096 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

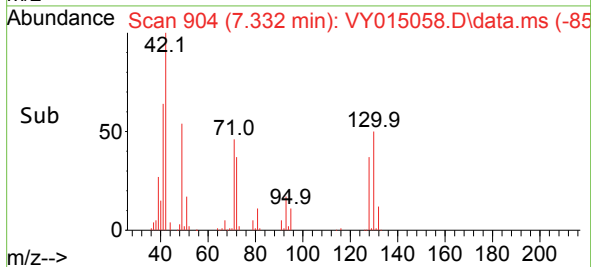
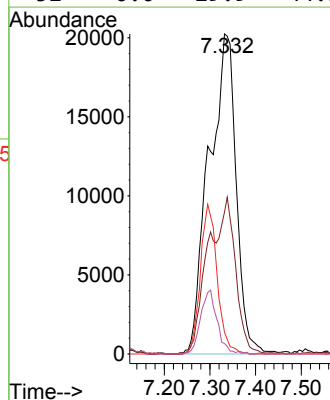
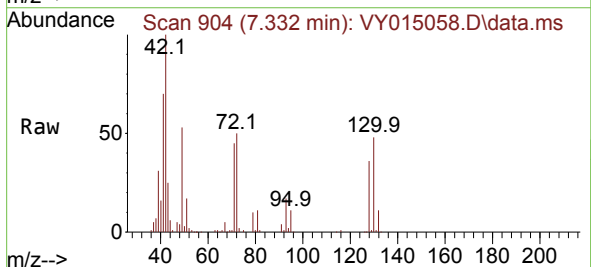
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

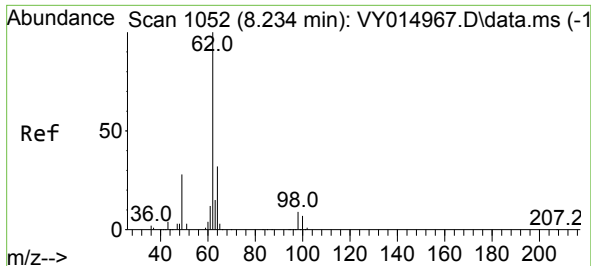
Tgt Ion: 78 Resp: 191747
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6



#41
Methacrylonitrile
Concen: 63.491 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 41 Resp: 83517
Ion Ratio Lower Upper
41 100
39 25.3 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#





#42

1,2-Dichloroethane

Concen: 20.255 ug/l

RT: 8.228 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

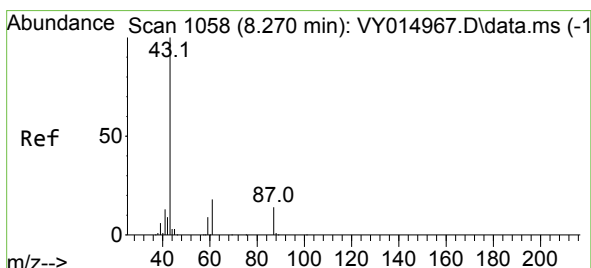
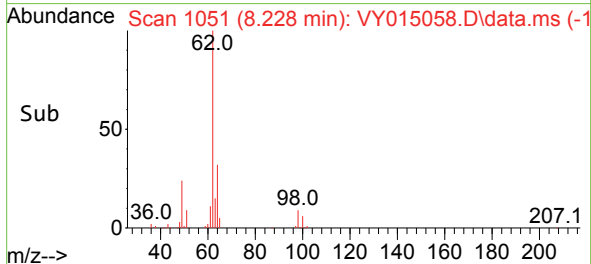
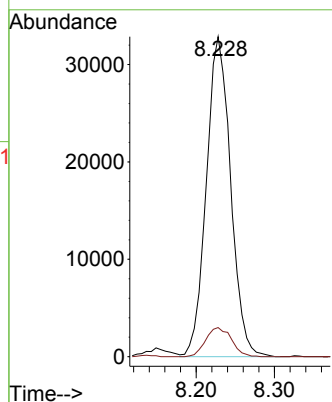
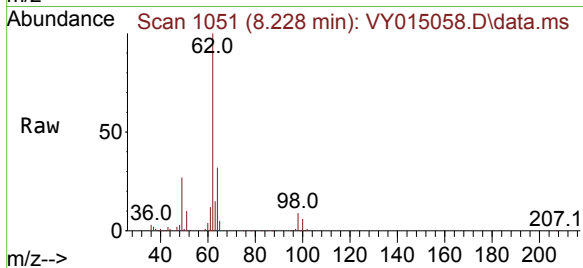
VY0811SBS03

Tgt Ion: 62 Resp: 70797

Ion Ratio Lower Upper

62 100

98 9.7 0.0 15.8



#43

Isopropyl Acetate

Concen: 20.692 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

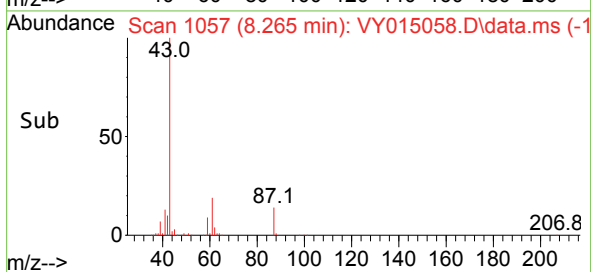
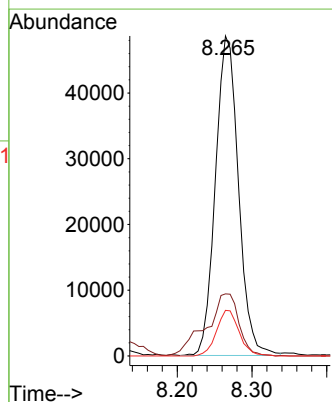
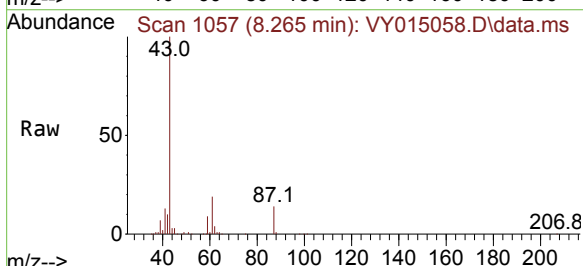
Tgt Ion: 43 Resp: 104059

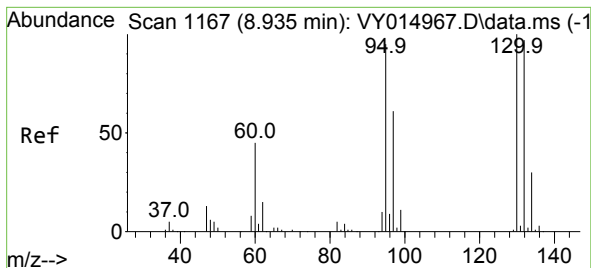
Ion Ratio Lower Upper

43 100

61 27.8 21.1 31.7

87 14.1 9.8 14.8





#44

Trichloroethene

Concen: 19.820 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

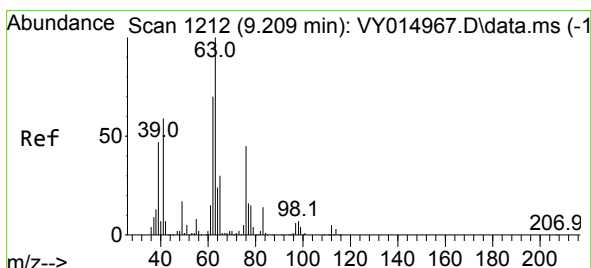
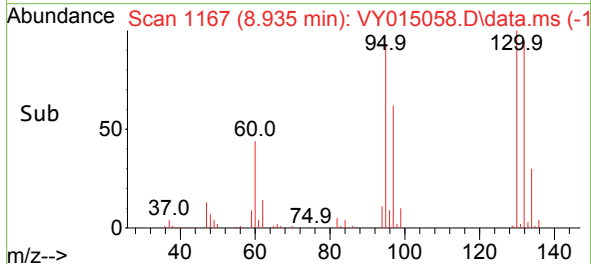
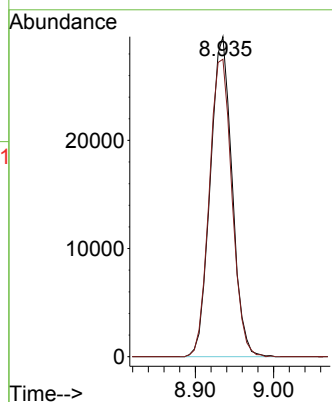
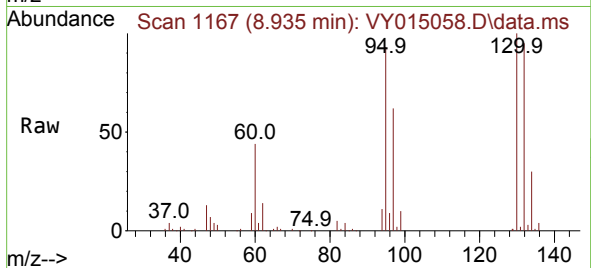
VY0811SBS03

Tgt Ion:130 Resp: 57107

Ion Ratio Lower Upper

130 100

95 92.9 0.0 196.0



#45

1,2-Dichloropropane

Concen: 19.805 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY015058.D

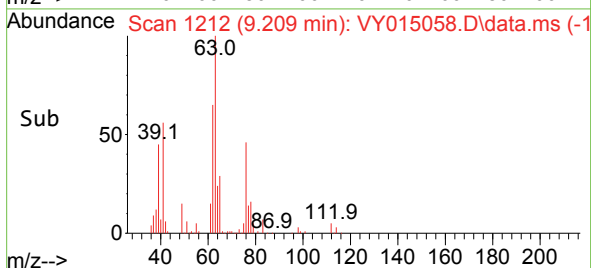
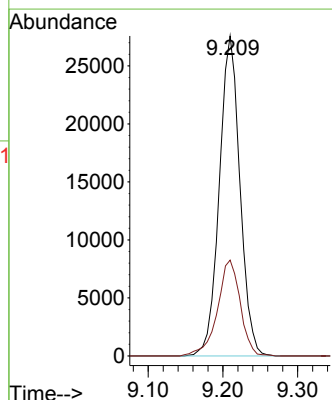
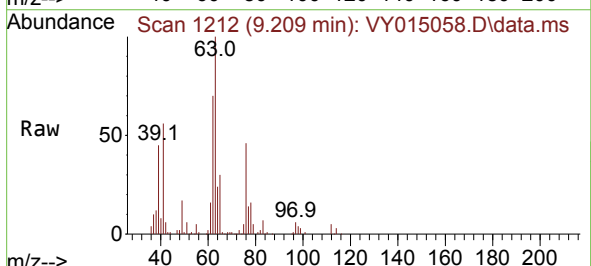
Acq: 11 Aug 2023 15:43

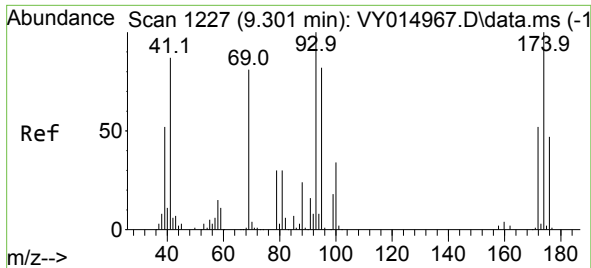
Tgt Ion: 63 Resp: 52853

Ion Ratio Lower Upper

63 100

65 30.0 23.8 35.6

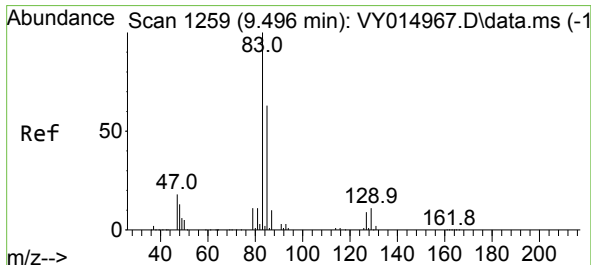
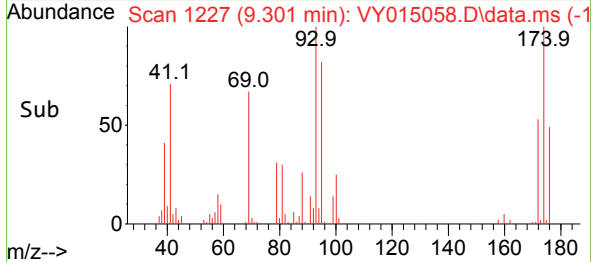
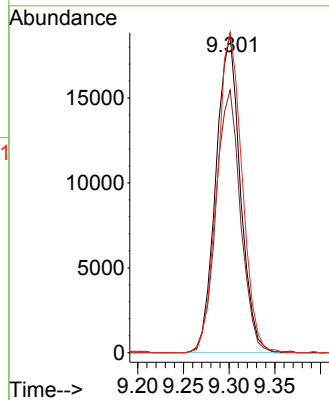
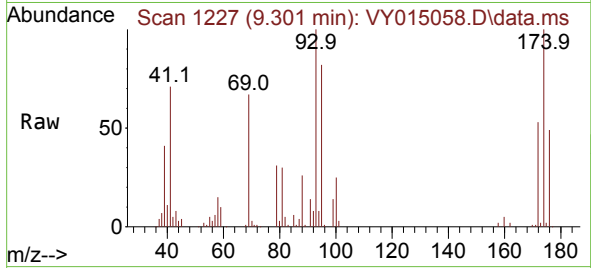




#46
Dibromomethane
Concen: 20.143 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

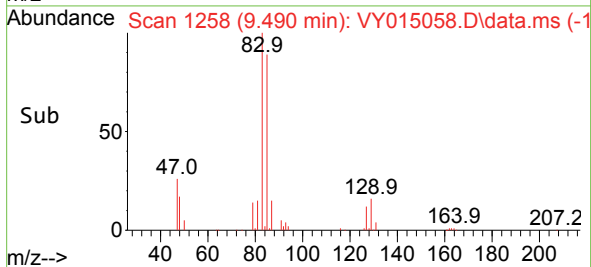
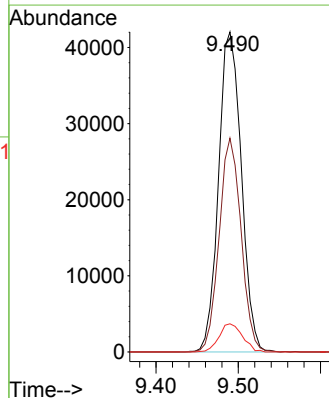
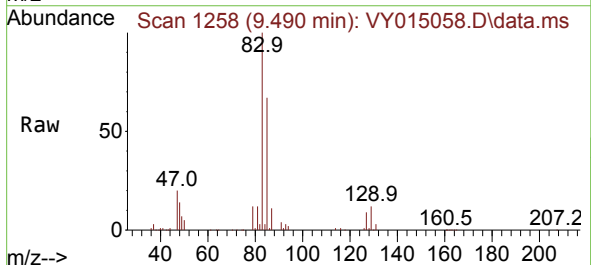
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

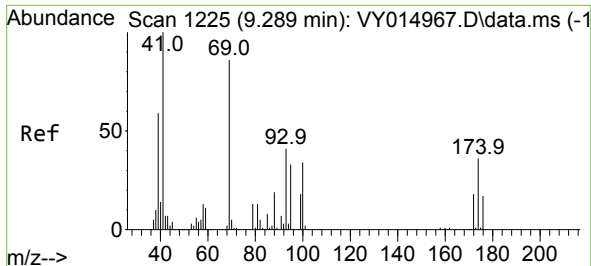
Tgt Ion: 93 Resp: 34628
Ion Ratio Lower Upper
93 100
95 83.9 66.6 100.0
174 103.3 84.8 127.2



#47
Bromodichloromethane
Concen: 20.413 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 83 Resp: 80813
Ion Ratio Lower Upper
83 100
85 66.8 50.1 75.1
127 8.8 7.1 10.7

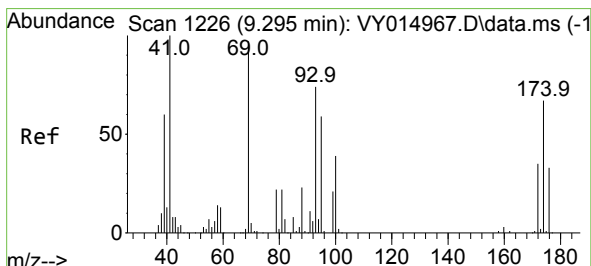
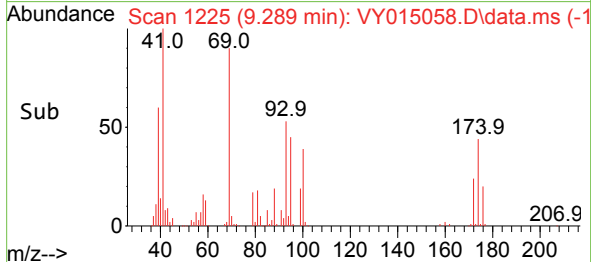
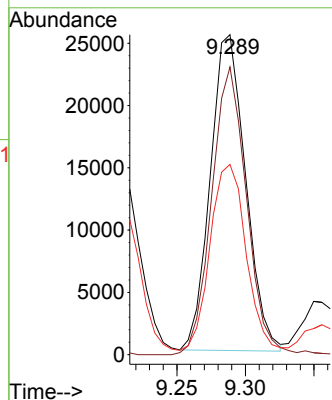
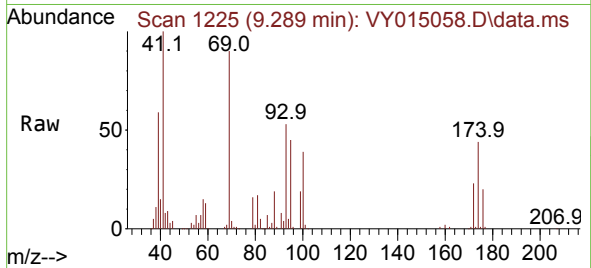




#48
Methyl methacrylate
Concen: 20.573 ug/l
RT: 9.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

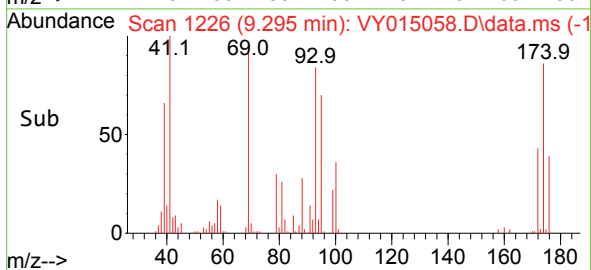
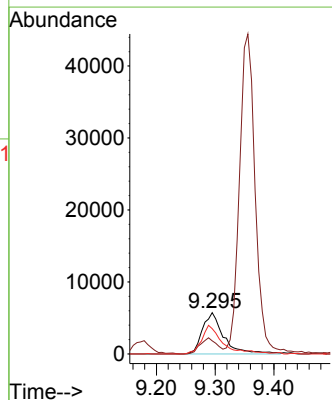
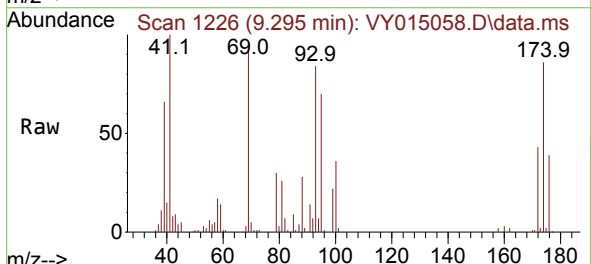
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

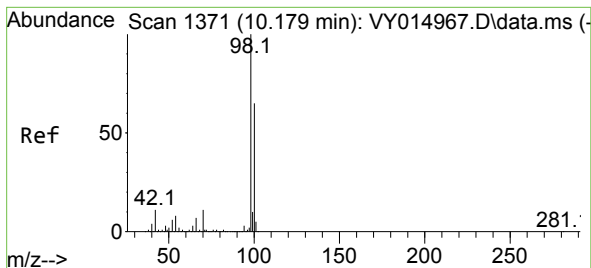
Tgt Ion: 41 Resp: 45394
Ion Ratio Lower Upper
41 100
69 90.1 64.5 96.7
39 63.0 50.8 76.2



#49
1,4-Dioxane
Concen: 453.800 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 88 Resp: 14511
Ion Ratio Lower Upper
88 100
43 30.3 0.0 0.0#
58 67.0 30.9 46.3#

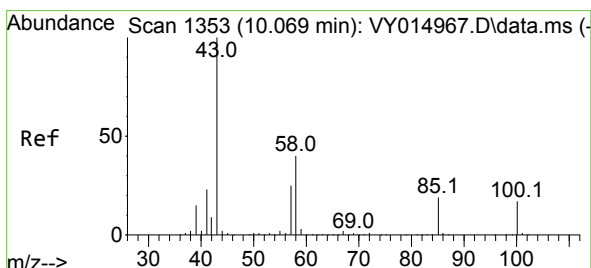
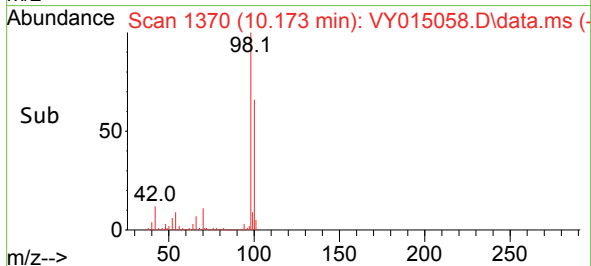
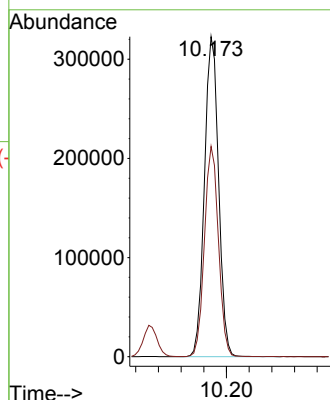
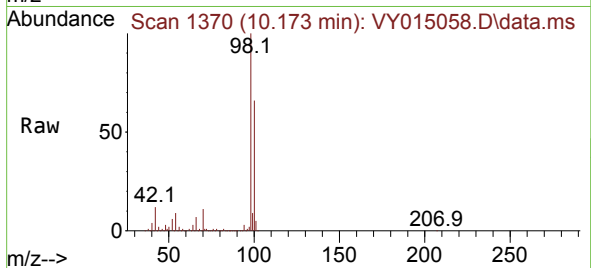




#50
Toluene-d8
Concen: 53.341 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

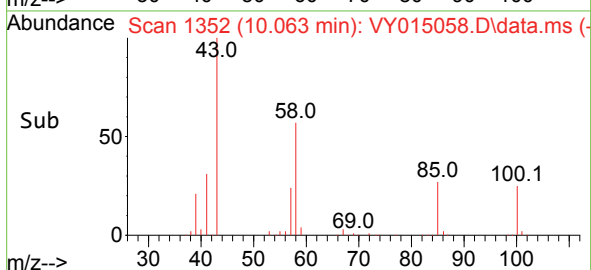
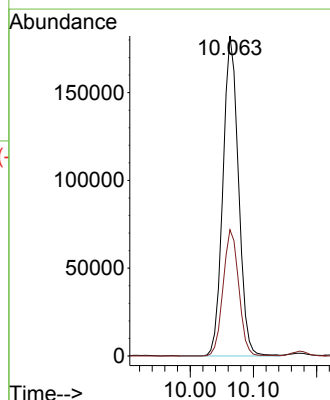
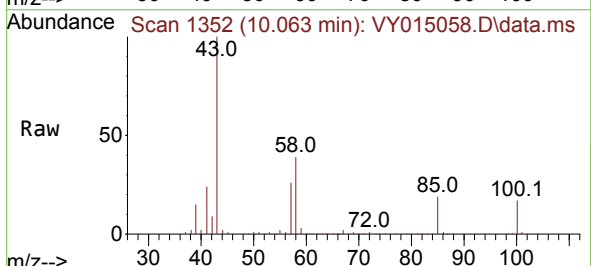
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

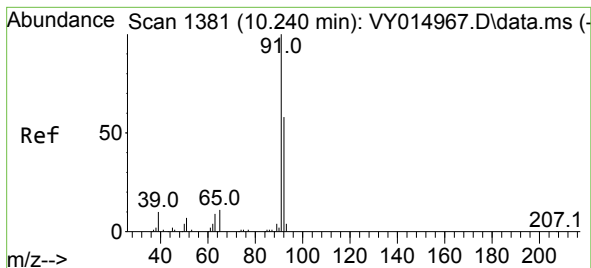
Tgt Ion: 98 Resp: 557657
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 109.294 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 43 Resp: 309739
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6





#52

Toluene

Concen: 19.683 ug/l

RT: 10.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

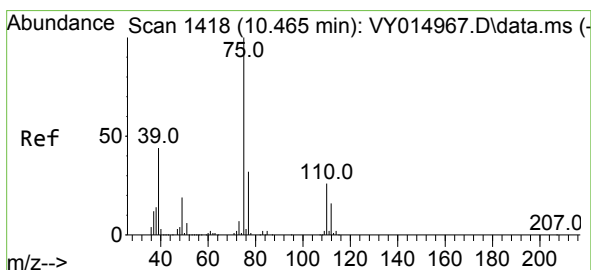
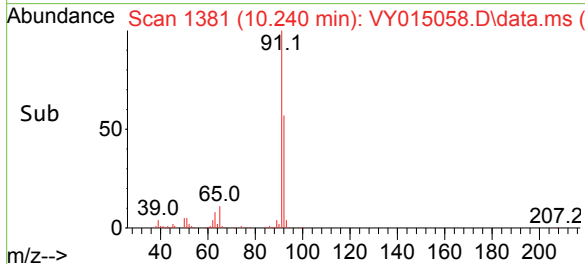
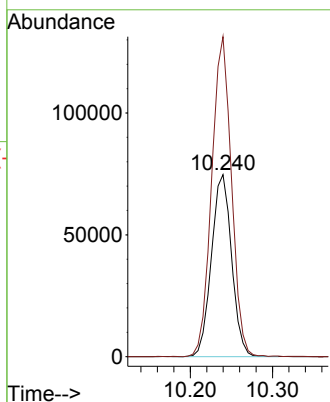
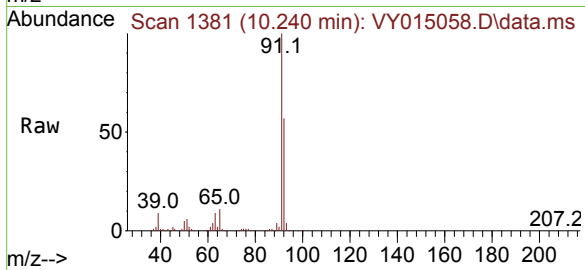
VY0811SBS03

Tgt Ion: 92 Resp: 127189

Ion Ratio Lower Upper

92 100

91 172.9 143.8 215.6



#53

t-1,3-Dichloropropene

Concen: 20.619 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. -0.006 min

Lab File: VY015058.D

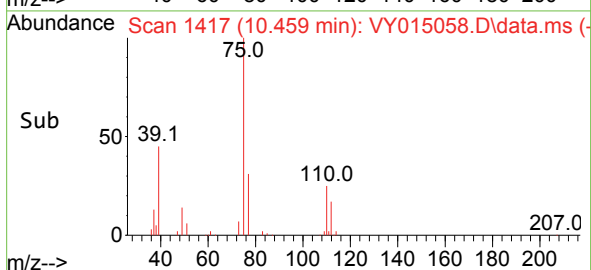
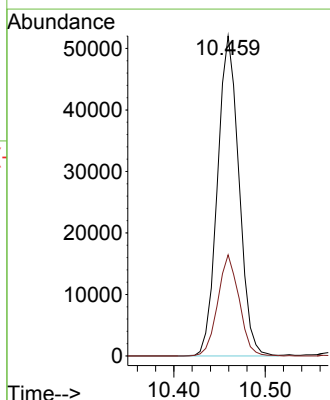
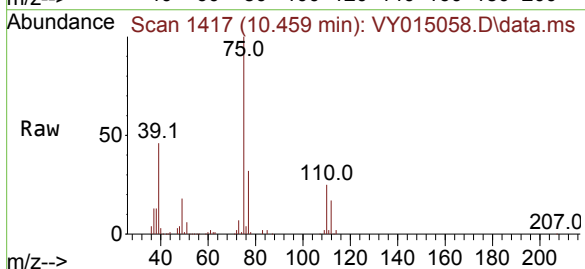
Acq: 11 Aug 2023 15:43

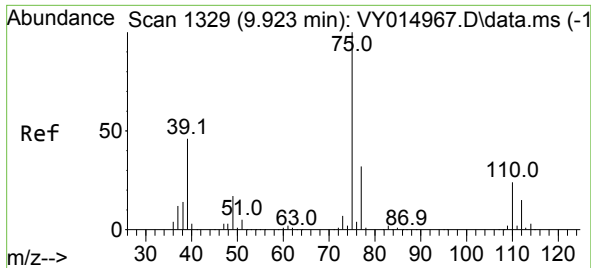
Tgt Ion: 75 Resp: 85006

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

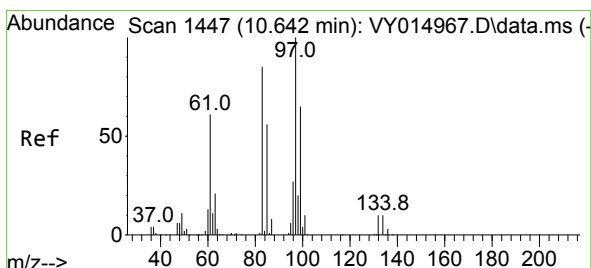
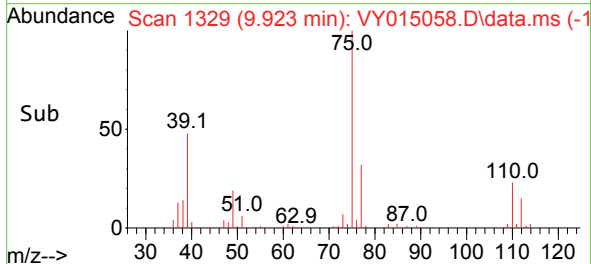
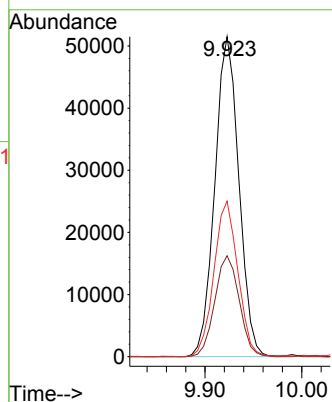
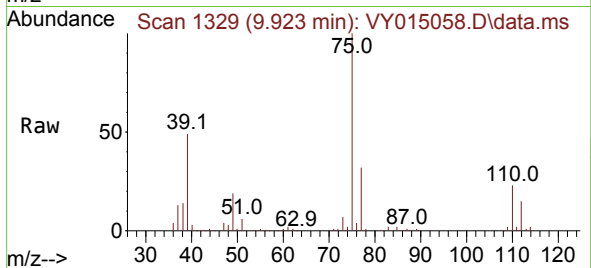




#54
 cis-1,3-Dichloropropene
 Concen: 19.959 ug/l
 RT: 9.923 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY015058.D
 Acq: 11 Aug 2023 15:43

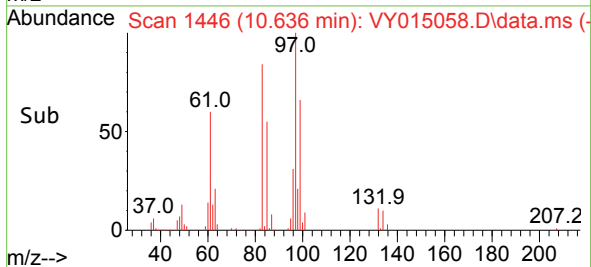
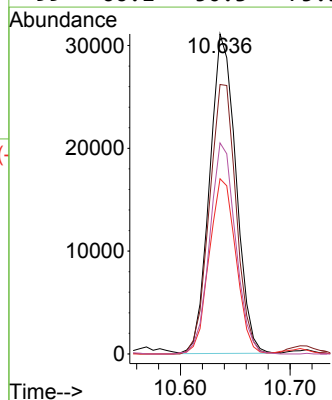
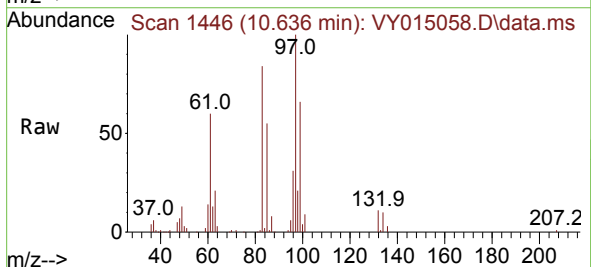
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBS03

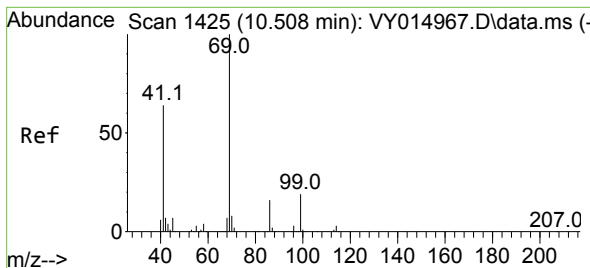
Tgt Ion: 75 Resp: 88902
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 48.6 42.2 63.4



#55
 1,1,2-Trichloroethane
 Concen: 20.705 ug/l
 RT: 10.636 min Scan# 1446
 Delta R.T. -0.006 min
 Lab File: VY015058.D
 Acq: 11 Aug 2023 15:43

Tgt Ion: 97 Resp: 51734
 Ion Ratio Lower Upper
 97 100
 83 84.4 72.0 108.0
 85 54.6 45.4 68.0
 99 66.1 50.3 75.5

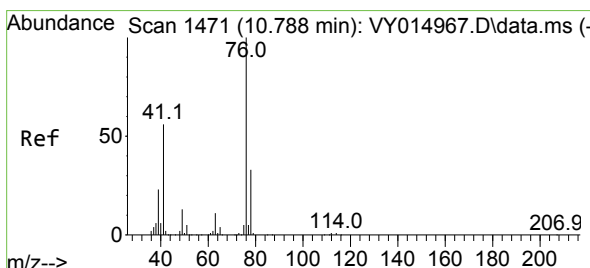
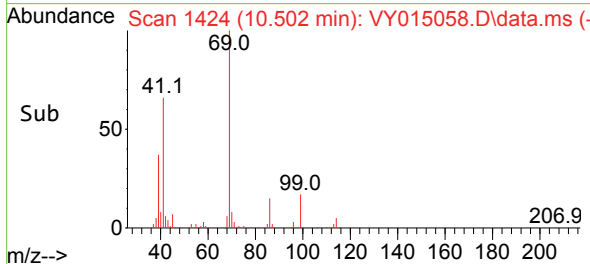
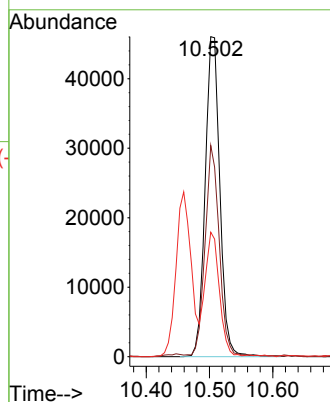
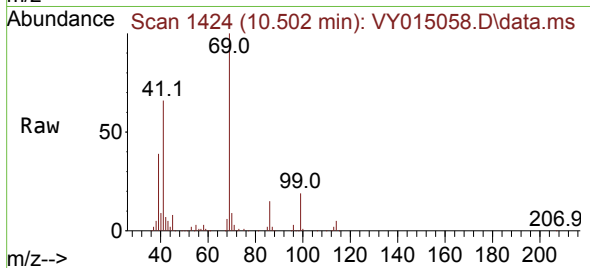




#56
Ethyl methacrylate
Concen: 20.829 ug/l
RT: 10.502 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

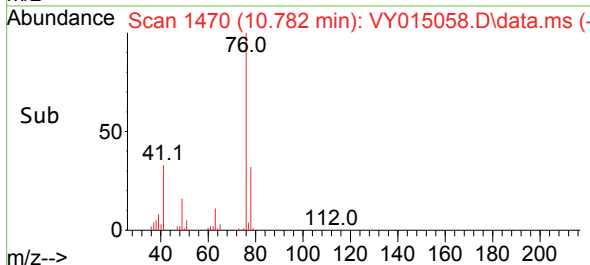
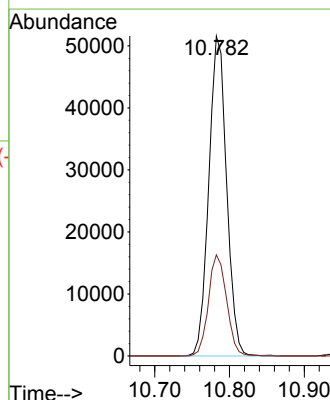
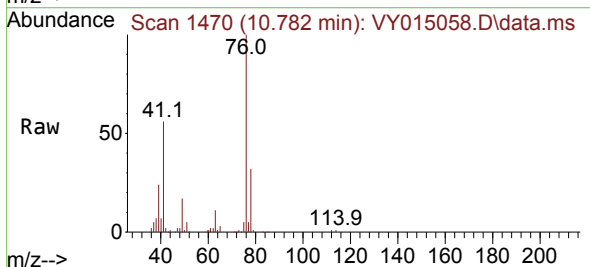
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

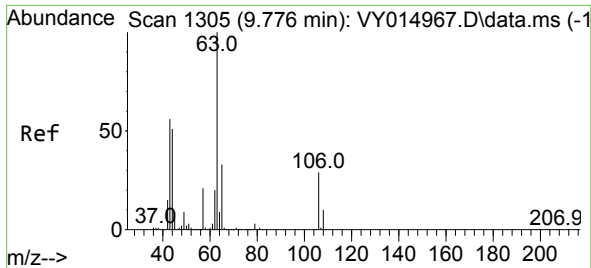
Tgt Ion: 69 Resp: 74519
Ion Ratio Lower Upper
69 100
41 63.2 57.6 86.4
39 36.9 34.1 51.1



#57
1,3-Dichloropropane
Concen: 20.631 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 76 Resp: 85284
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9

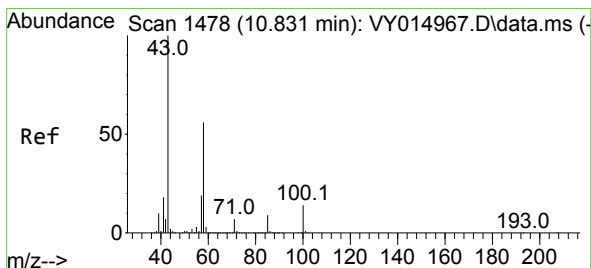
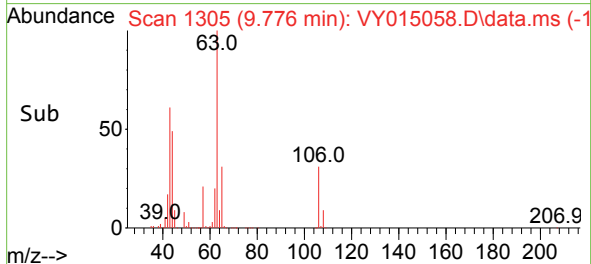
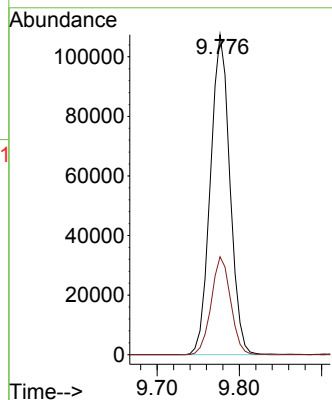
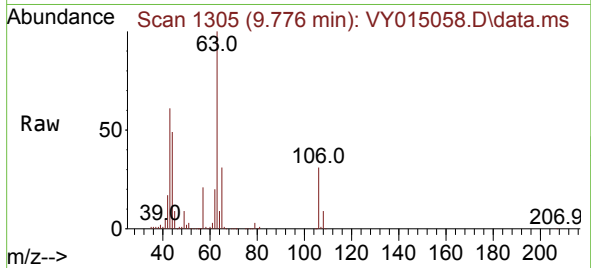




#58
2-Chloroethyl Vinyl ether
Concen: 104.603 ug/l
RT: 9.776 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

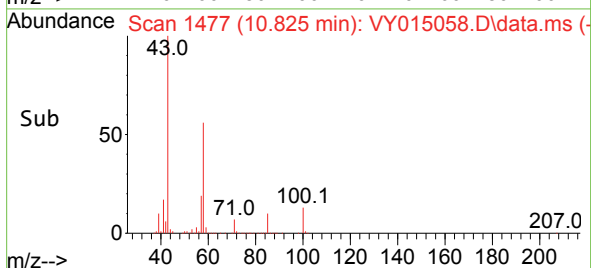
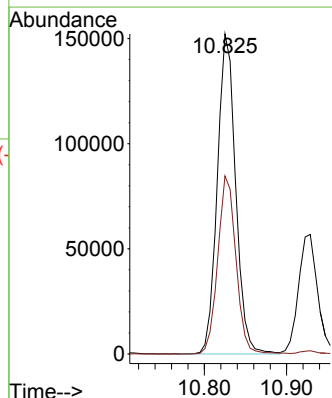
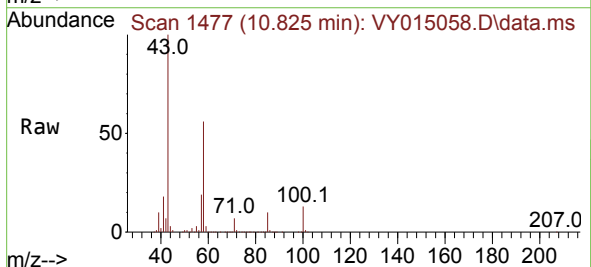
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

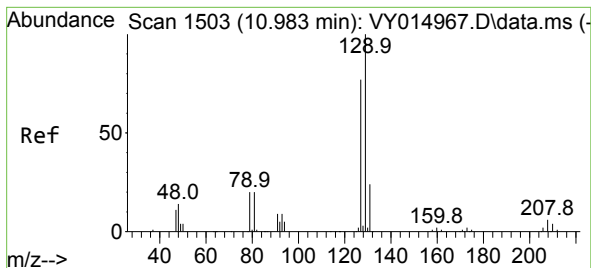
Tgt Ion: 63 Resp: 176953
Ion Ratio Lower Upper
63 100
106 30.5 21.2 31.8



#59
2-Hexanone
Concen: 112.812 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 43 Resp: 236175
Ion Ratio Lower Upper
43 100
58 55.2 25.1 75.3





#60

Dibromochloromethane

Concen: 21.120 ug/l

RT: 10.977 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

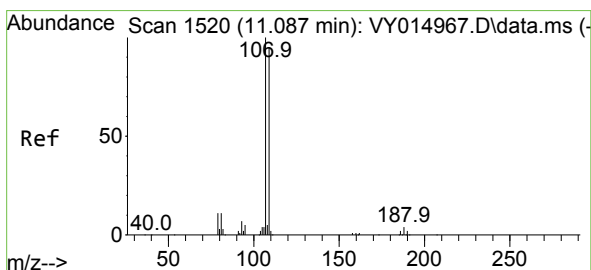
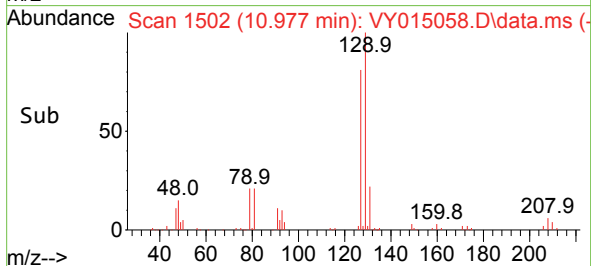
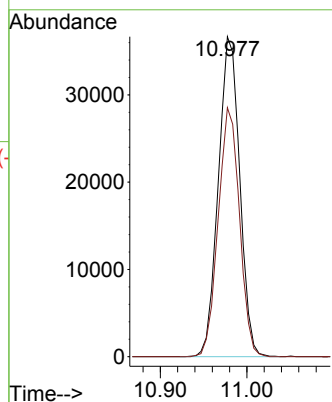
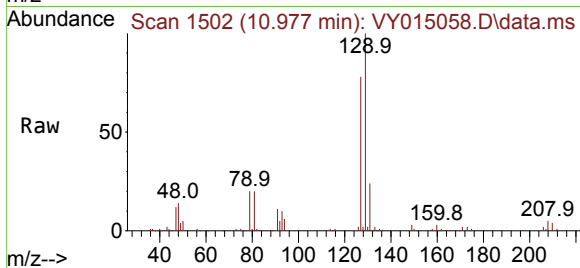
VY0811SBS03

Tgt Ion:129 Resp: 62832

Ion Ratio Lower Upper

129 100

127 77.5 38.5 115.5



#61

1,2-Dibromoethane

Concen: 20.898 ug/l

RT: 11.081 min Scan# 1519

Delta R.T. -0.006 min

Lab File: VY015058.D

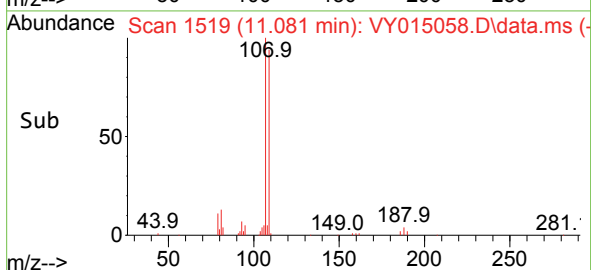
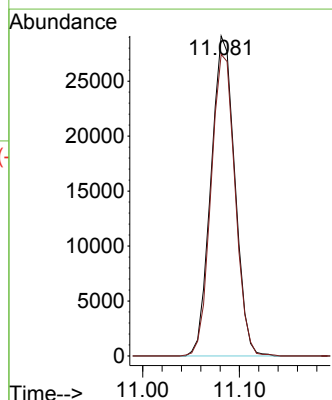
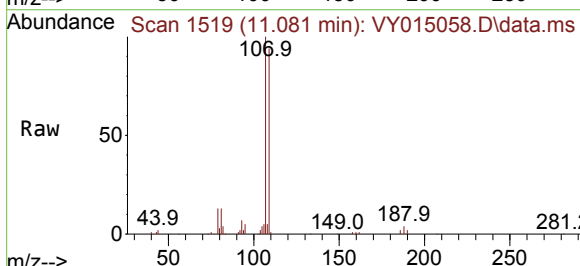
Acq: 11 Aug 2023 15:43

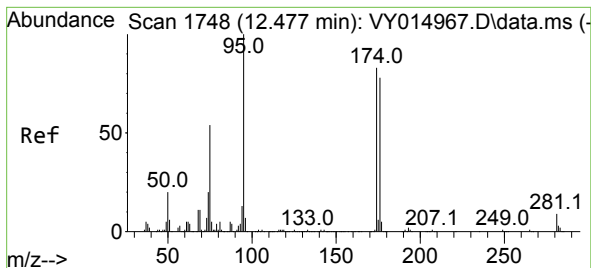
Tgt Ion:107 Resp: 49840

Ion Ratio Lower Upper

107 100

109 94.7 75.6 113.4

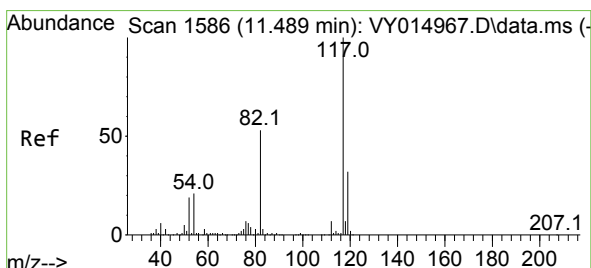
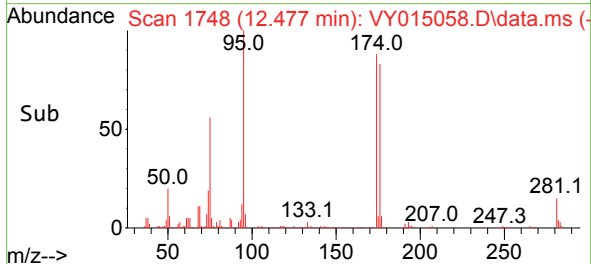
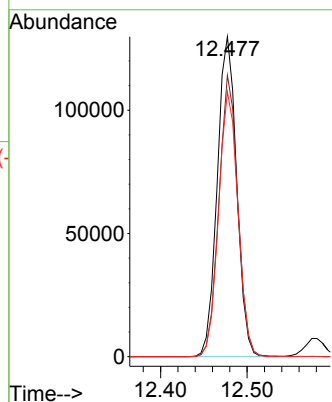
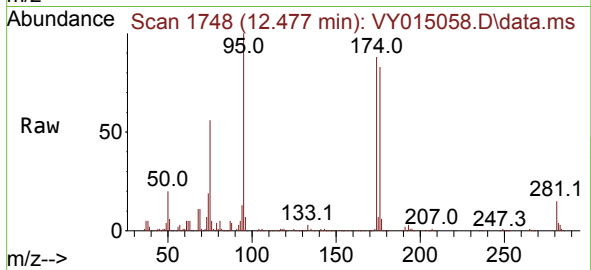




#62
4-Bromofluorobenzene
Concen: 54.405 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

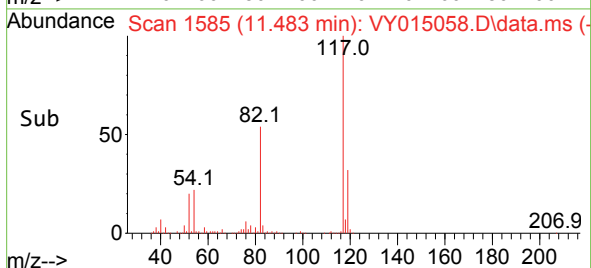
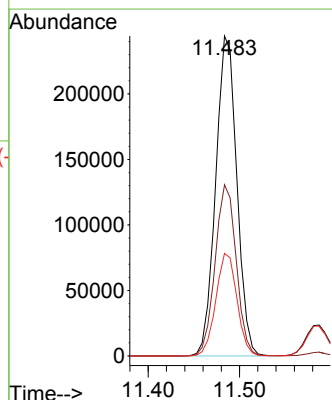
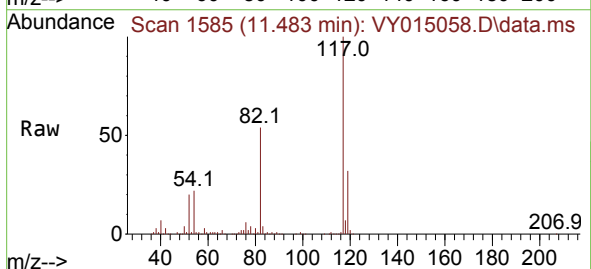
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

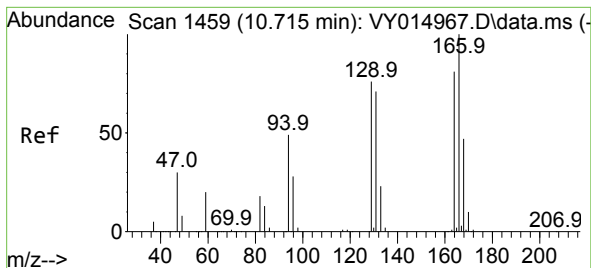
Tgt Ion: 95 Resp: 201584
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 117 Resp: 393078
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.1 26.3 39.5





#64

Tetrachloroethene

Concen: 20.713 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0811SBS03

Tgt Ion:164 Resp: 61243

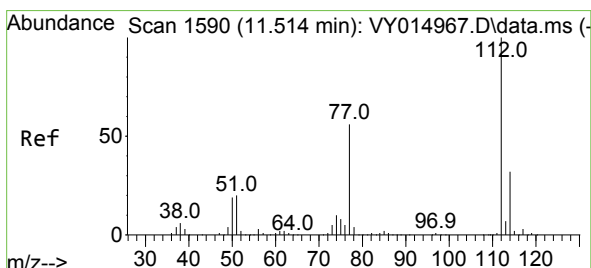
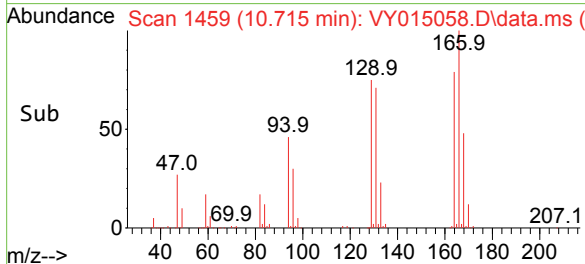
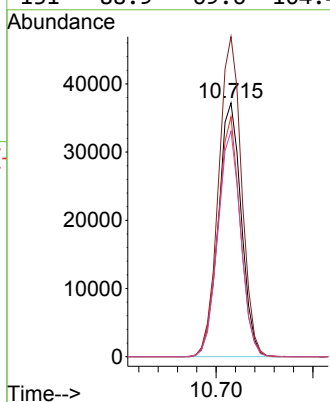
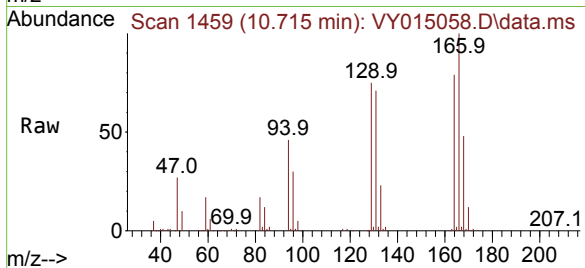
Ion Ratio Lower Upper

164 100

166 126.1 103.0 154.6

129 94.6 77.2 115.8

131 88.9 69.6 104.4



#65

Chlorobenzene

Concen: 20.029 ug/l

RT: 11.508 min Scan# 1589

Delta R.T. -0.006 min

Lab File: VY015058.D

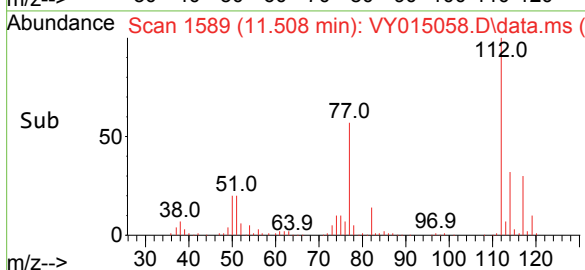
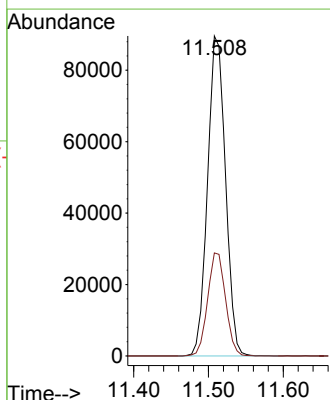
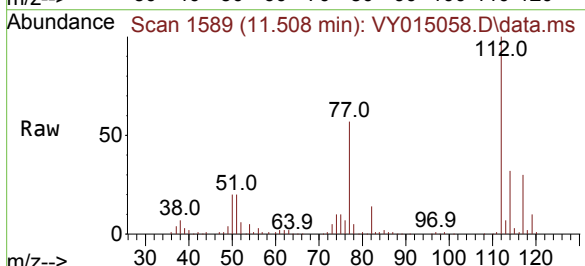
Acq: 11 Aug 2023 15:43

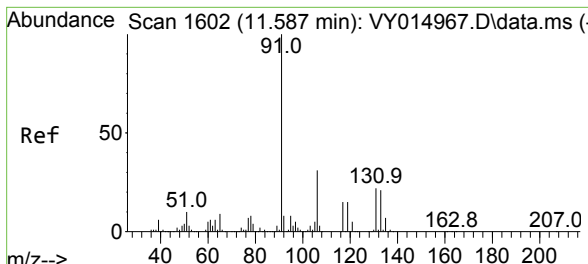
Tgt Ion:112 Resp: 149389

Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3

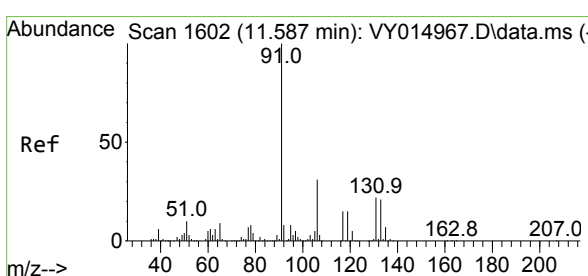
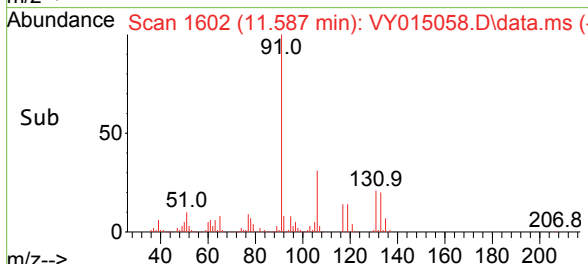
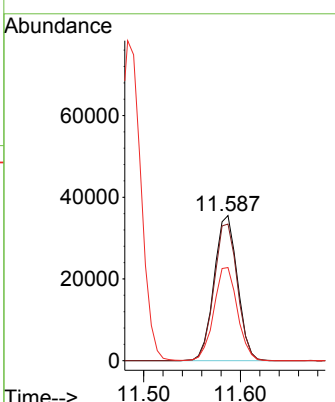
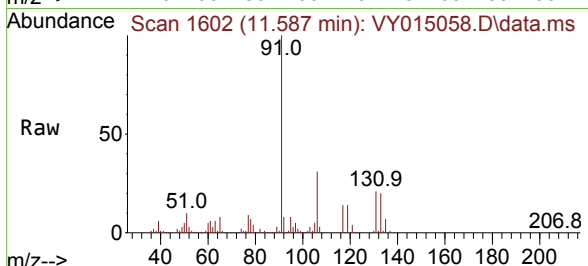




#66
 1,1,1,2-Tetrachloroethane
 Concen: 20.342 ug/l
 RT: 11.587 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: VY015058.D
 Acq: 11 Aug 2023 15:43

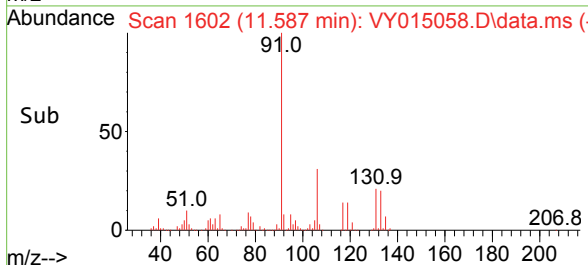
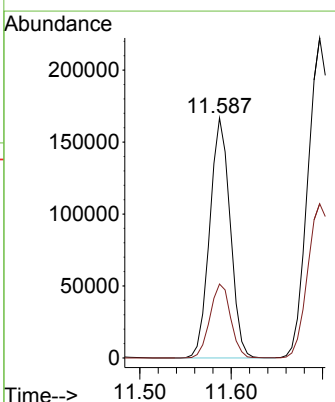
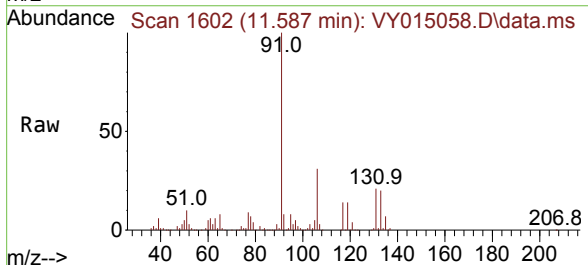
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBS03

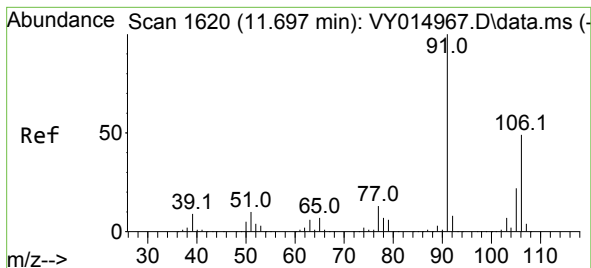
Tgt Ion:	131	Resp:	59453
Ion Ratio	Lower	Upper	
131	100		
133	94.9	47.5	142.6
119	64.8	31.6	94.7



#67
 Ethyl Benzene
 Concen: 19.796 ug/l
 RT: 11.587 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: VY015058.D
 Acq: 11 Aug 2023 15:43

Tgt Ion:	91	Resp:	259121
Ion Ratio	Lower	Upper	
91	100		
106	30.8	24.6	36.8





#68

m/p-Xylenes

Concen: 39.626 ug/l

RT: 11.697 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

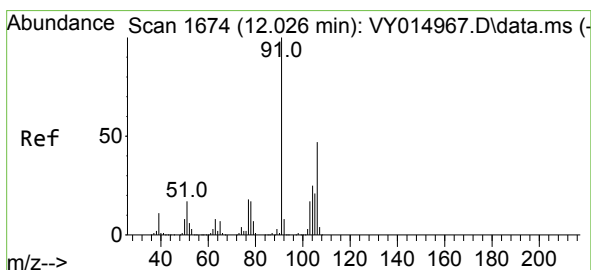
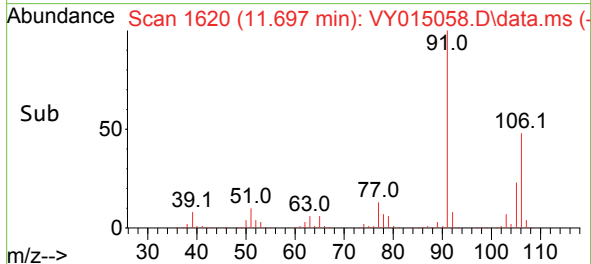
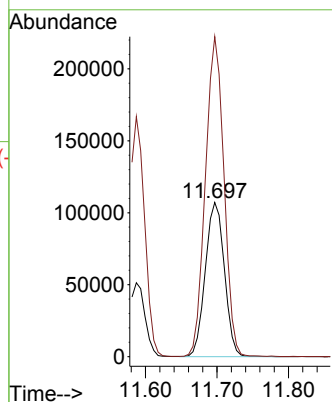
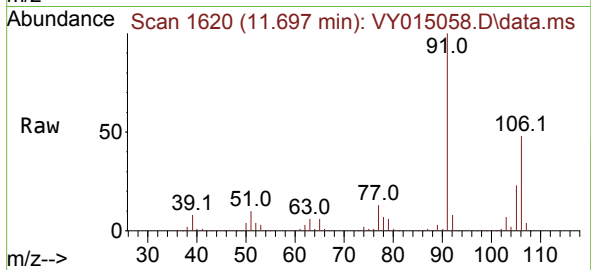
VY0811SBS03

Tgt Ion:106 Resp: 198426

Ion Ratio Lower Upper

106 100

91 201.6 166.1 249.1



#69

o-Xylene

Concen: 20.069 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY015058.D

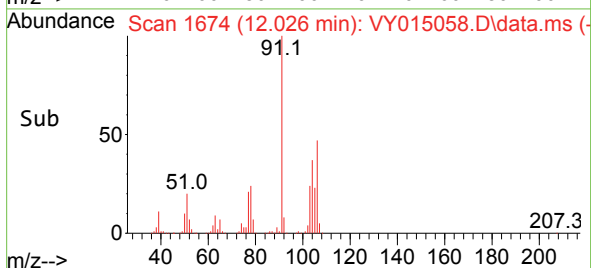
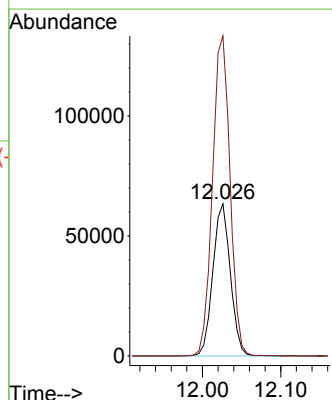
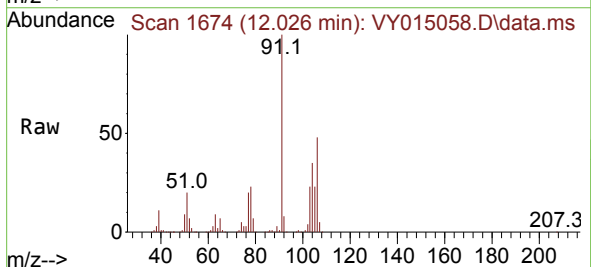
Acq: 11 Aug 2023 15:43

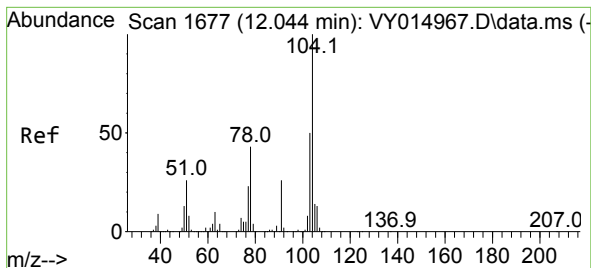
Tgt Ion:106 Resp: 98337

Ion Ratio Lower Upper

106 100

91 211.3 108.1 324.3





#70

Styrene

Concen: 20.429 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0811SBS03

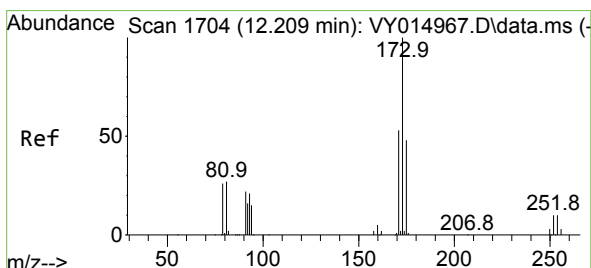
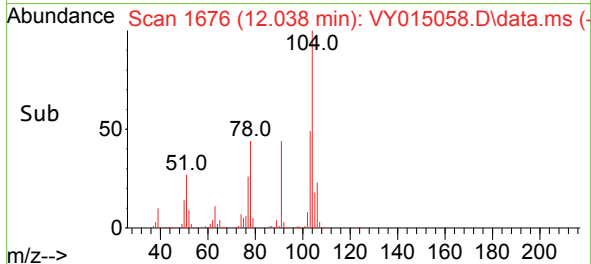
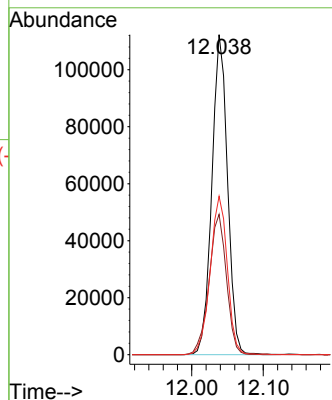
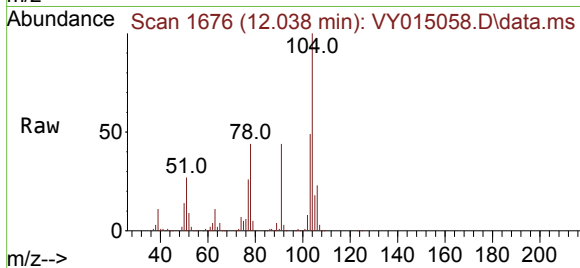
Tgt Ion:104 Resp: 171071

Ion Ratio Lower Upper

104 100

78 48.5 41.5 62.3

103 53.9 44.6 67.0



#71

Bromoform

Concen: 21.564 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

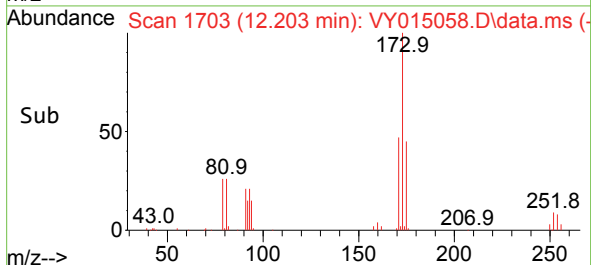
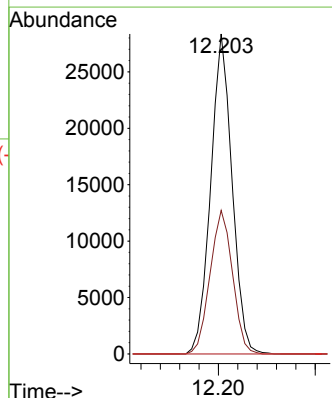
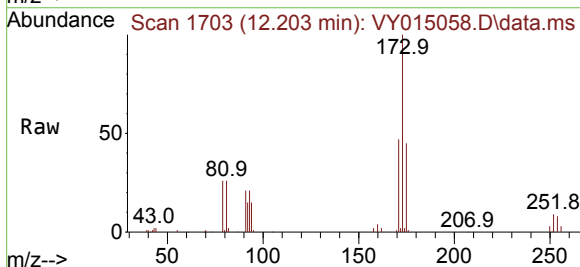
Tgt Ion:173 Resp: 43442

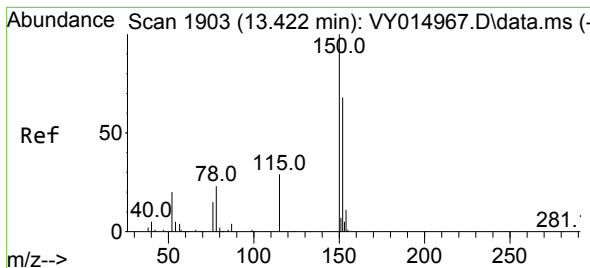
Ion Ratio Lower Upper

173 100

175 47.1 24.6 73.8

254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0811SBS03

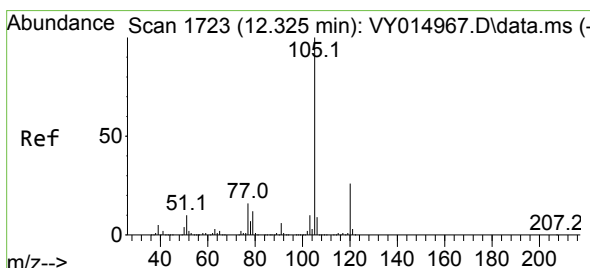
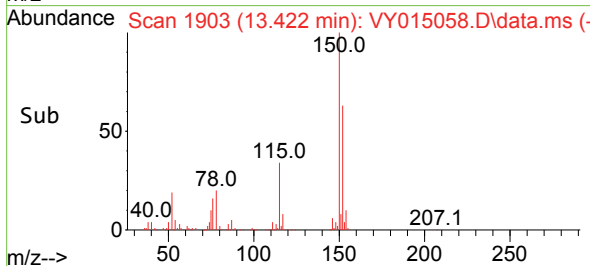
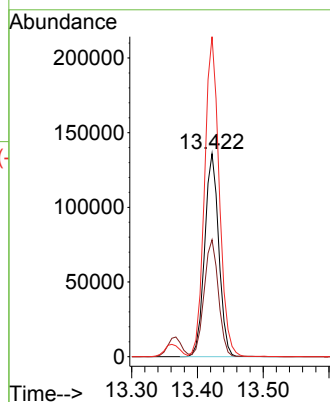
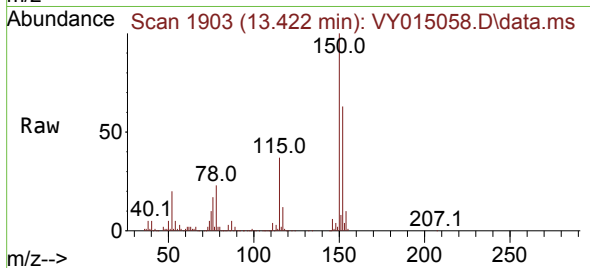
Tgt Ion:152 Resp: 202200

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 163.6 0.0 348.8



#73

Isopropylbenzene

Concen: 19.562 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VY015058.D

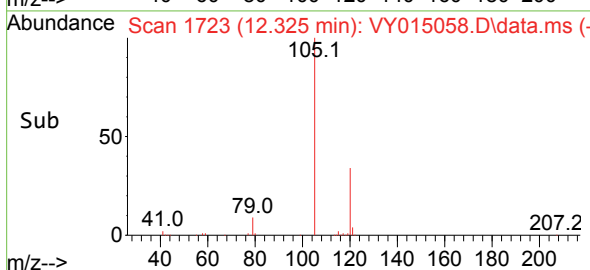
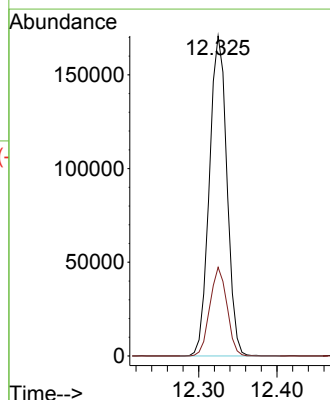
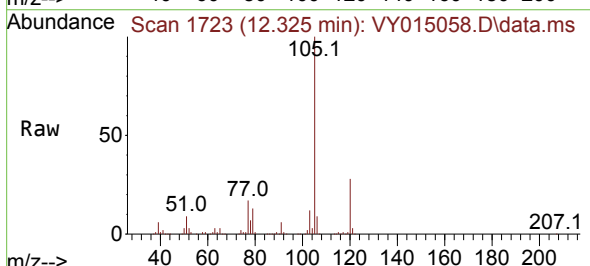
Acq: 11 Aug 2023 15:43

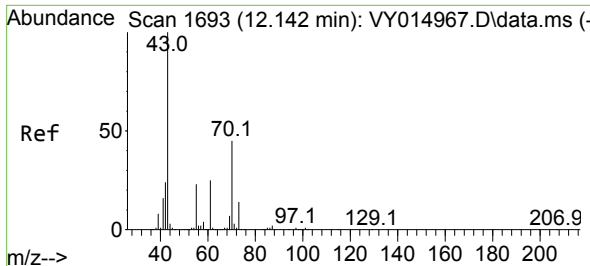
Tgt Ion:105 Resp: 265896

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9

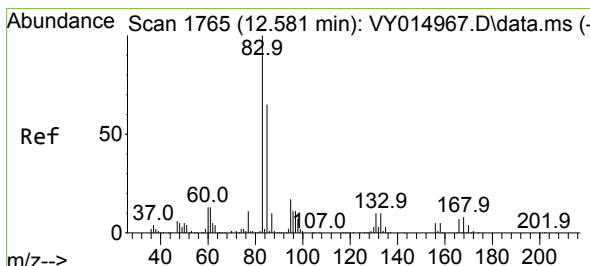
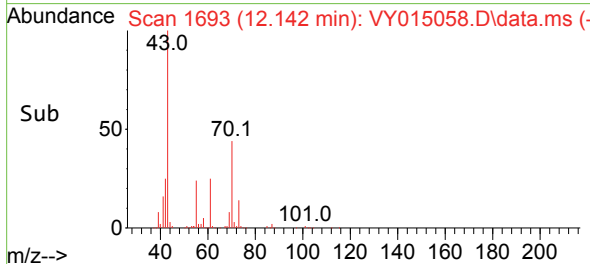
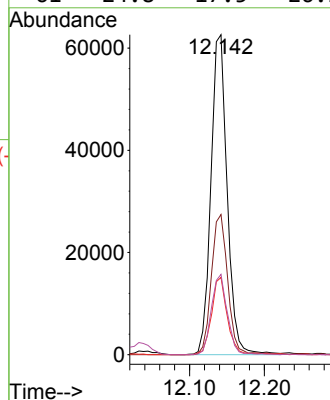
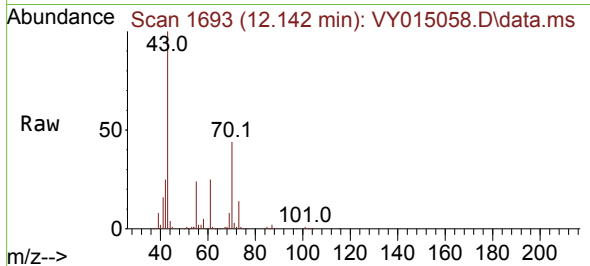




#74
N-amy1 acetate
Concen: 20.344 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

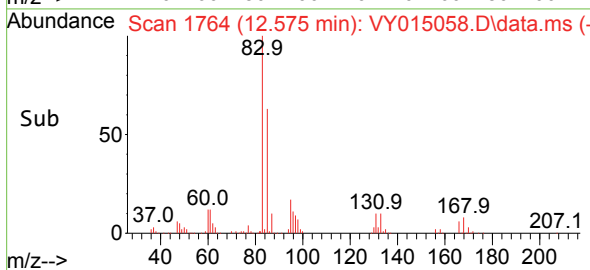
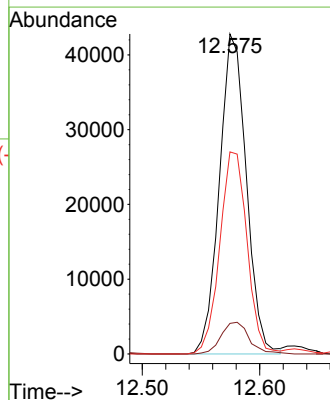
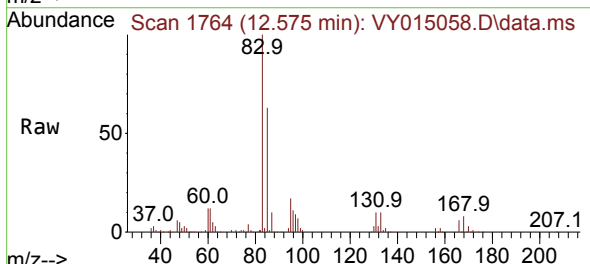
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

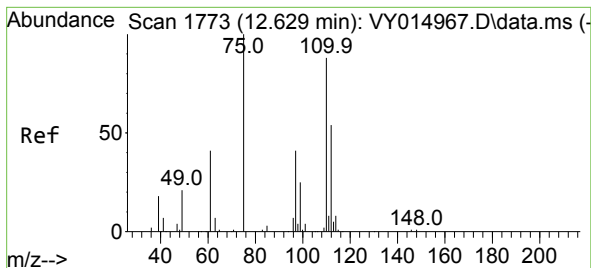
Tgt Ion: 43	Resp:	94478
Ion	Ratio	Lower Upper
43	100	
70	44.4	29.7 44.5
55	23.8	18.3 27.5
61	24.8	17.5 26.3



#75
1,1,2,2-Tetrachloroethane
Concen: 20.541 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 83	Resp:	68230
Ion	Ratio	Lower Upper
83	100	
131	10.4	5.4 16.2
85	63.9	31.8 95.4

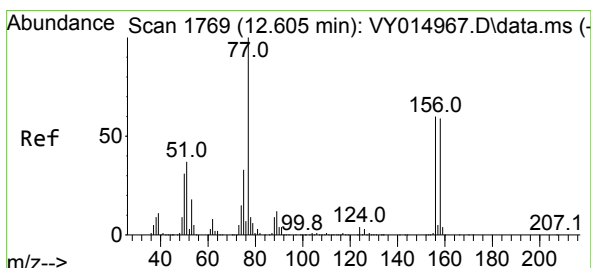
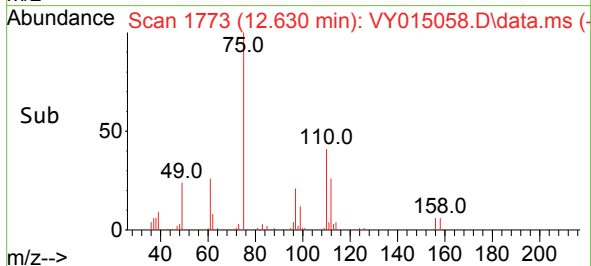
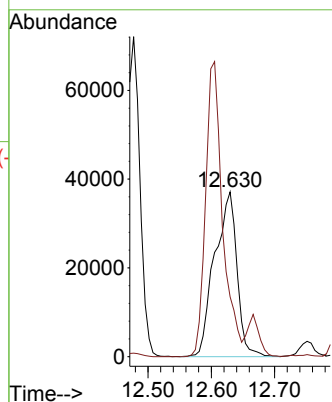
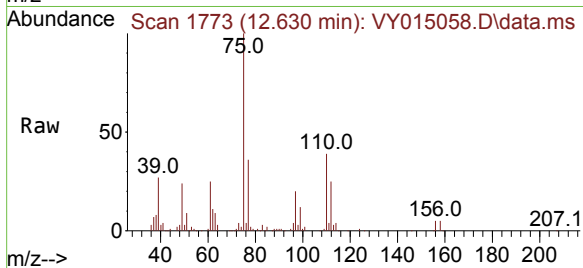




#76
1,2,3-Trichloropropane
Concen: 37.604 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

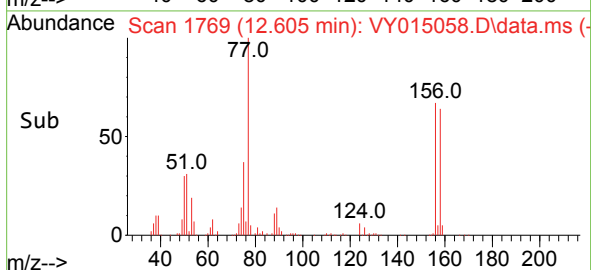
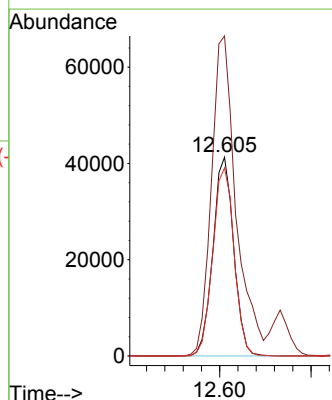
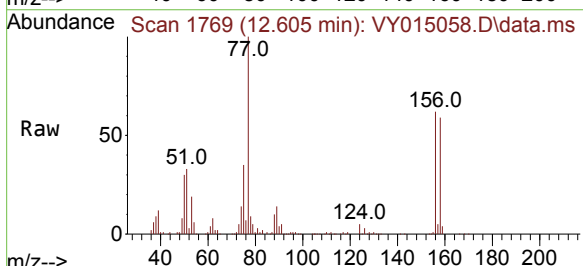
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

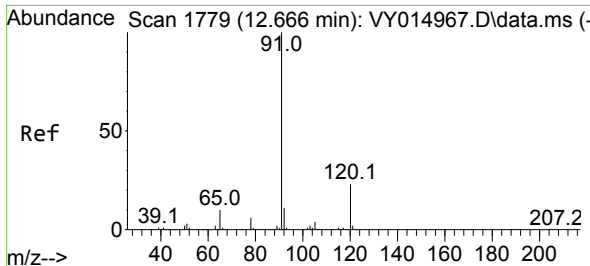
Tgt Ion: 75 Resp: 91108
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 19.711 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 156 Resp: 64985
Ion Ratio Lower Upper
156 100
77 191.2 92.8 278.6
158 97.4 48.4 145.3

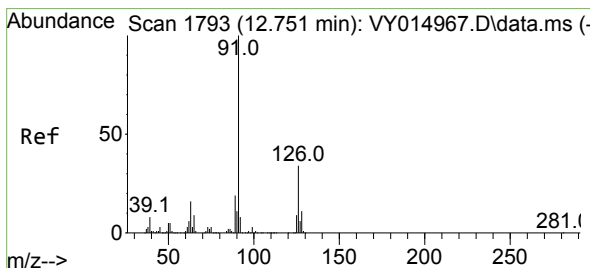
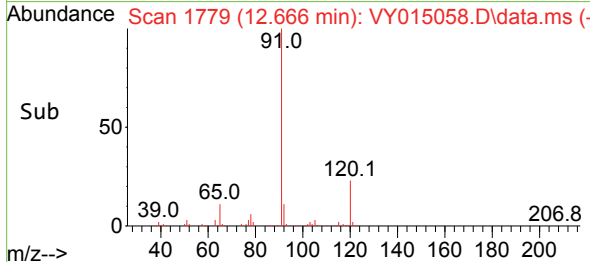
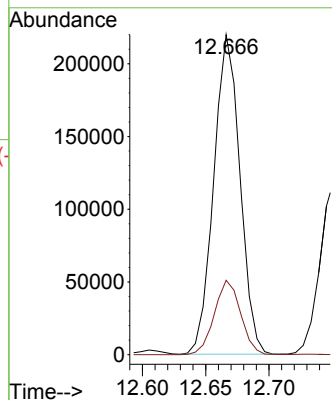
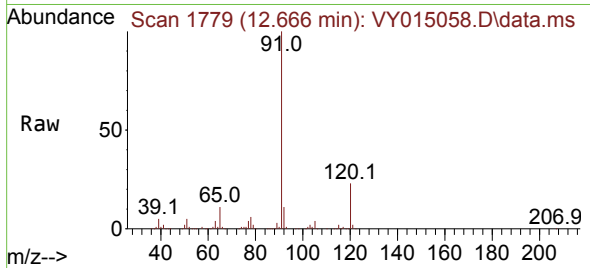




#78
n-propylbenzene
Concen: 19.468 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

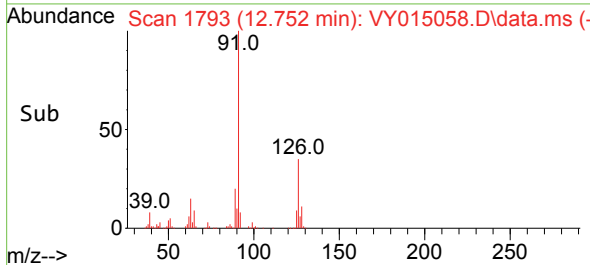
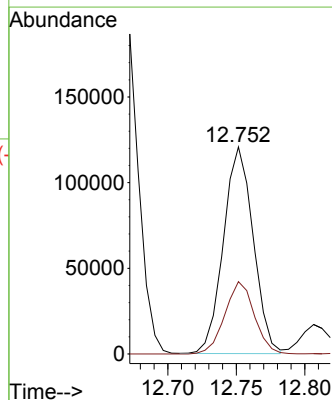
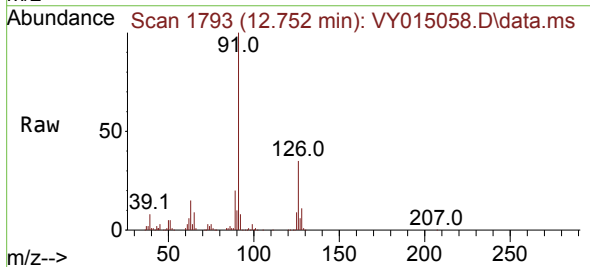
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

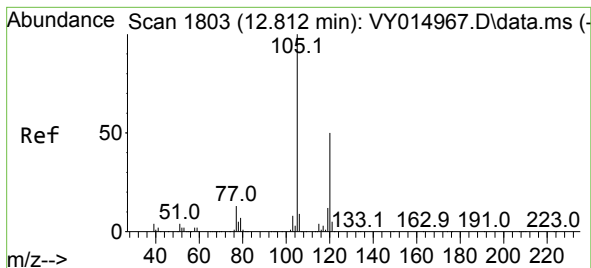
Tgt Ion: 91 Resp: 316497
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4



#79
2-Chlorotoluene
Concen: 19.697 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 91 Resp: 182501
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7





#80

1,3,5-Trimethylbenzene

Concen: 19.885 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

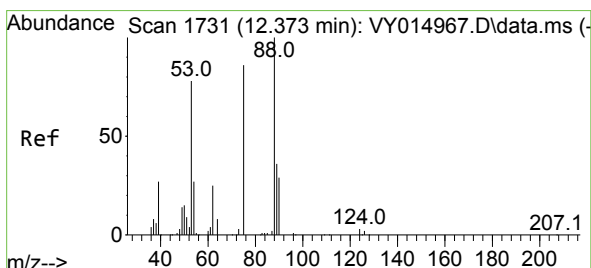
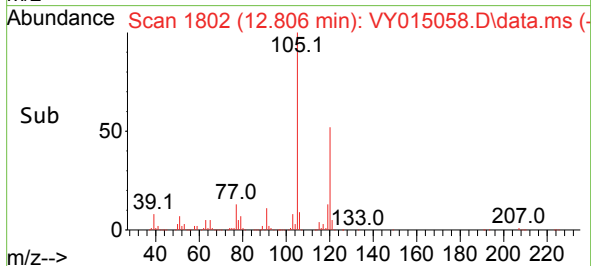
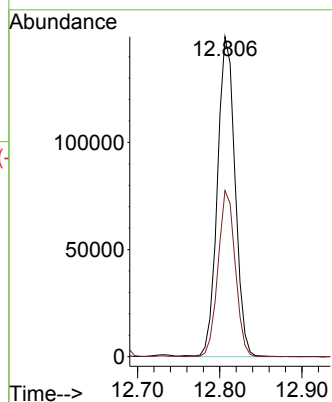
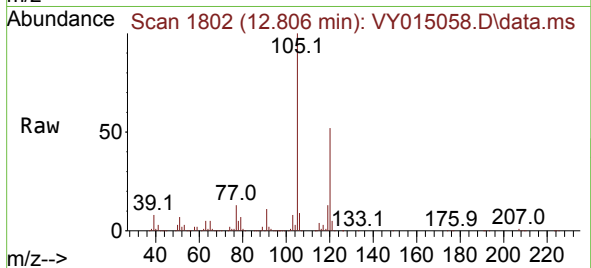
VY0811SBS03

Tgt Ion:105 Resp: 222730

Ion Ratio Lower Upper

105 100

120 50.4 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 20.795 ug/l

RT: 12.374 min Scan# 1731

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

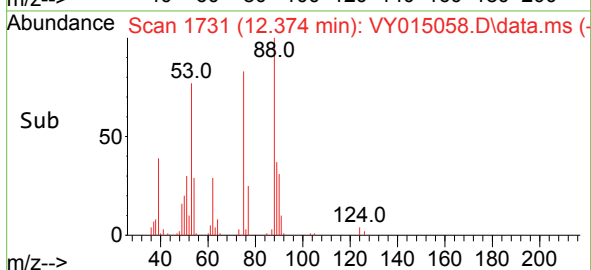
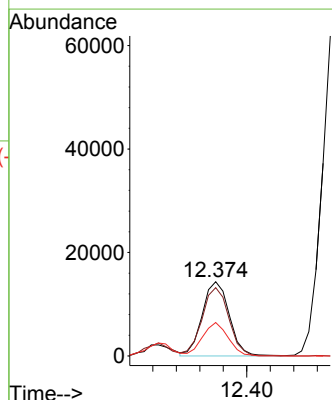
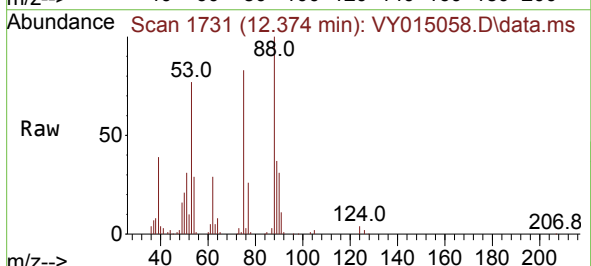
Tgt Ion: 75 Resp: 22870

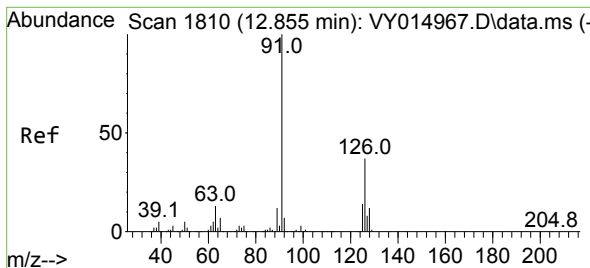
Ion Ratio Lower Upper

75 100

53 91.9 77.8 116.8

89 42.3 37.4 56.0

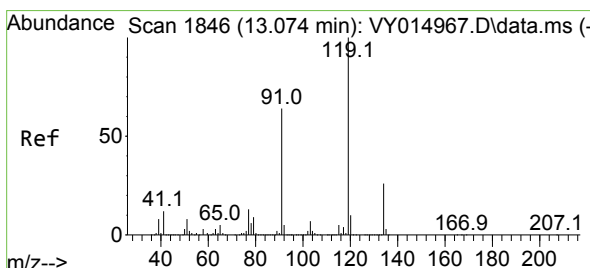
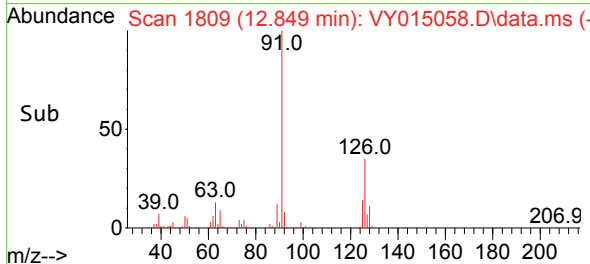
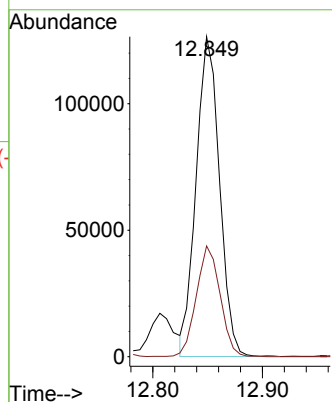
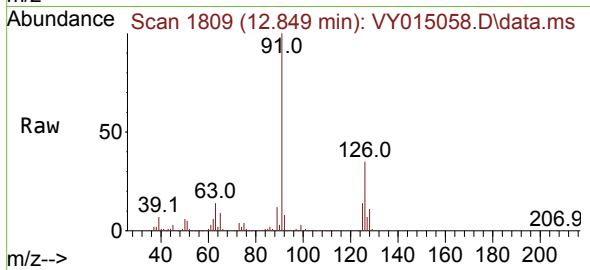




#82
4-Chlorotoluene
Concen: 19.545 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

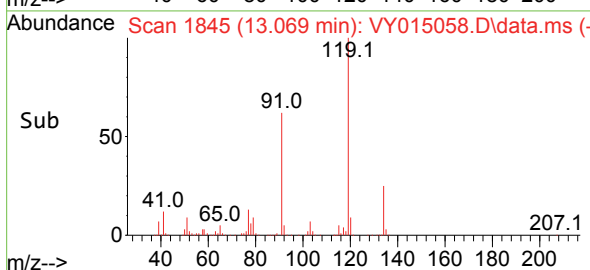
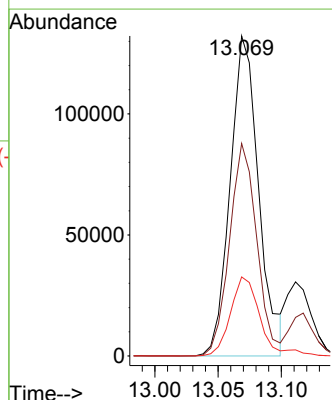
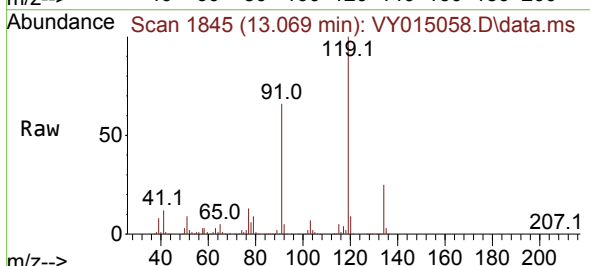
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

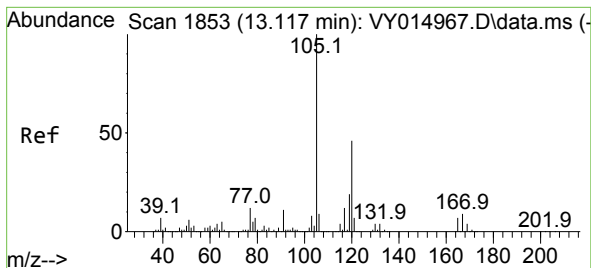
Tgt Ion: 91 Resp: 187208
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6



#83
tert-Butylbenzene
Concen: 20.231 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 119 Resp: 207304
Ion Ratio Lower Upper
119 100
91 63.7 32.9 98.6
134 25.7 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 20.085 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

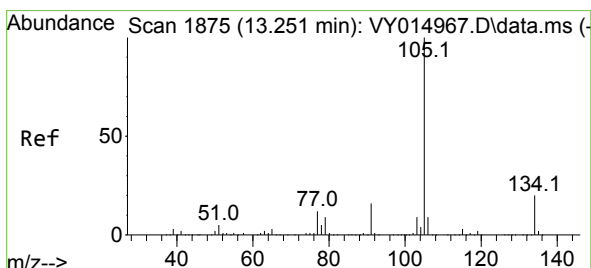
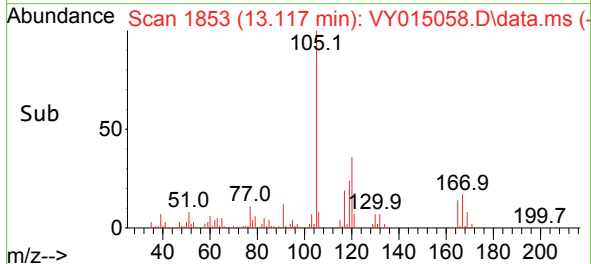
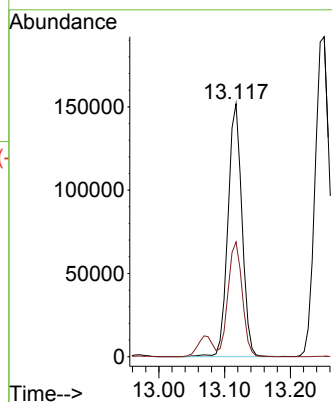
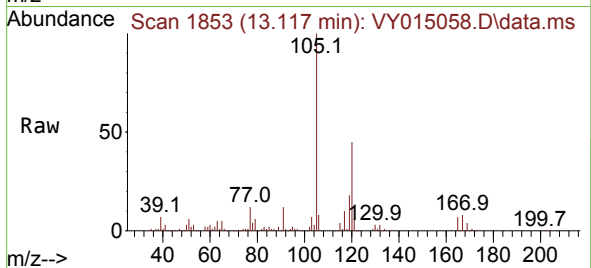
VY0811SBS03

Tgt Ion:105 Resp: 225403

Ion Ratio Lower Upper

105 100

120 46.0 22.2 66.6



#85

sec-Butylbenzene

Concen: 19.671 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015058.D

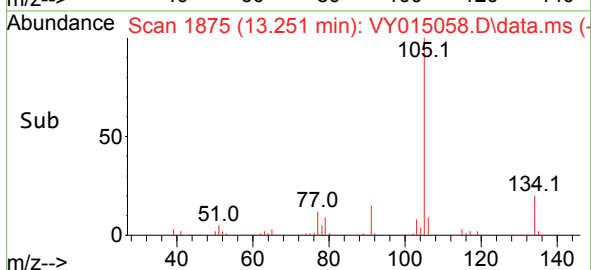
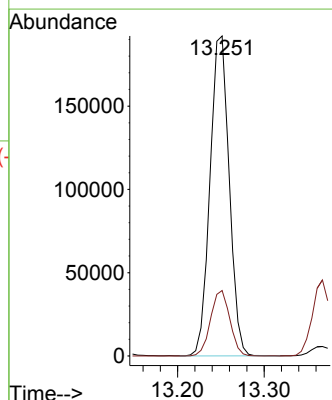
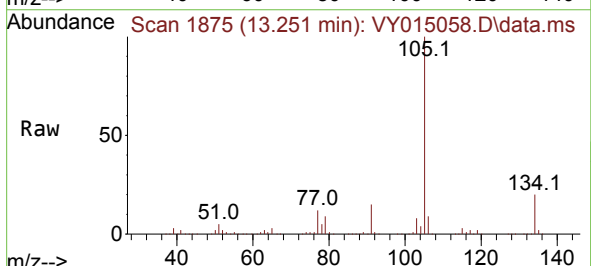
Acq: 11 Aug 2023 15:43

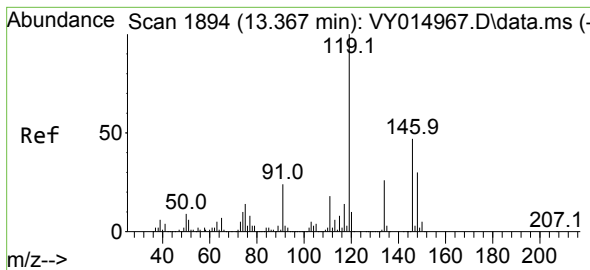
Tgt Ion:105 Resp: 295817

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6

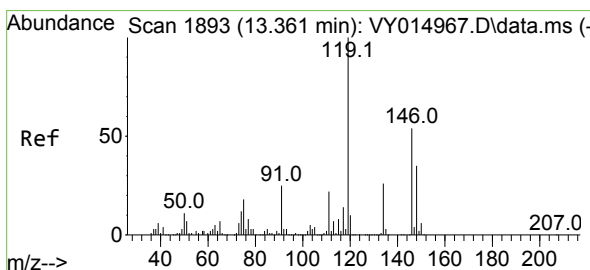
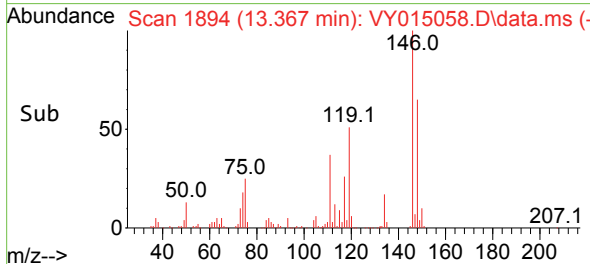
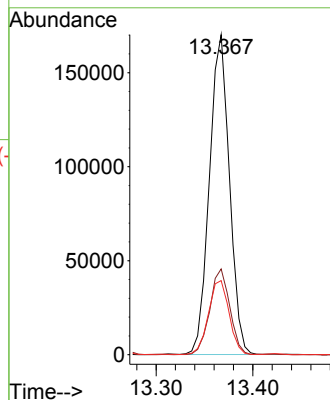
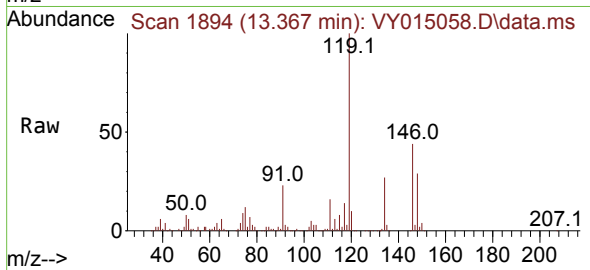




#86
p-Isopropyltoluene
Concen: 19.697 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

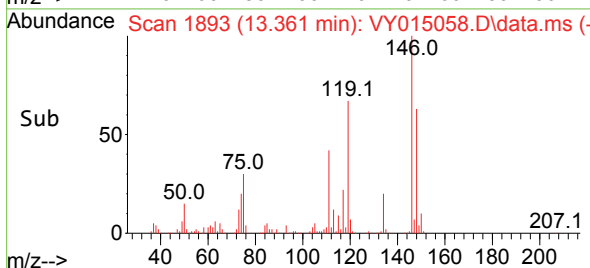
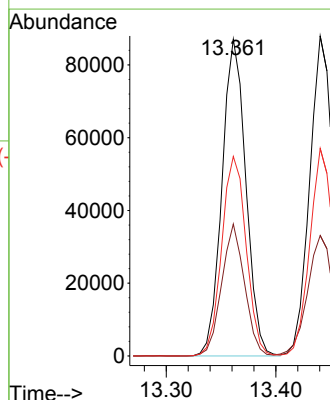
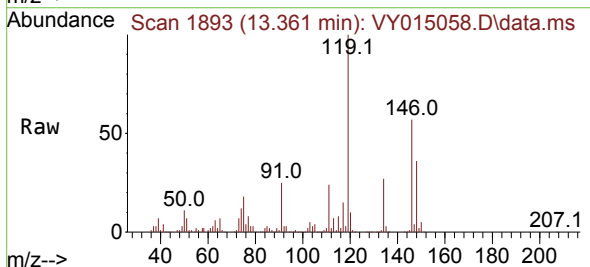
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

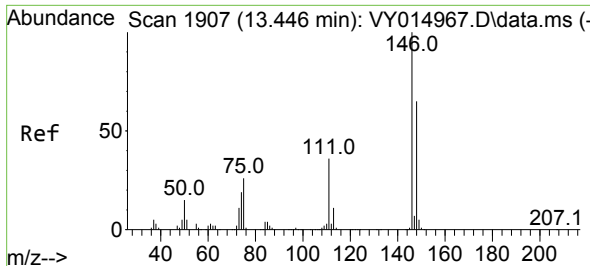
Tgt Ion:119 Resp: 245192
Ion Ratio Lower Upper
119 100
134 26.8 13.3 39.8
91 23.8 12.4 37.4



#87
1,3-Dichlorobenzene
Concen: 20.417 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion:146 Resp: 131759
Ion Ratio Lower Upper
146 100
111 40.0 19.4 58.2
148 64.5 31.9 95.5

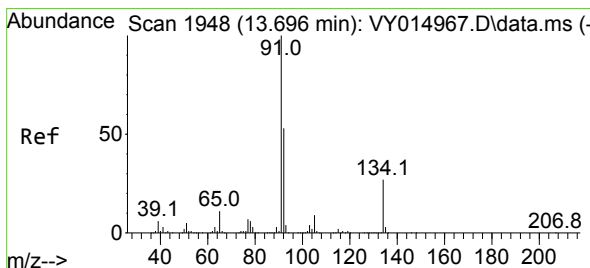
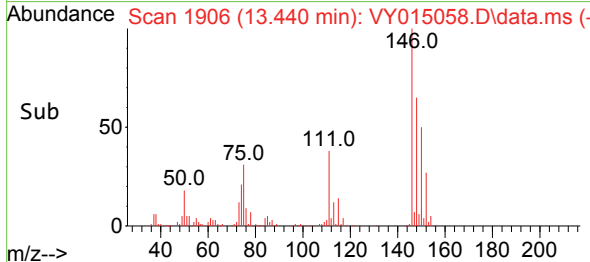
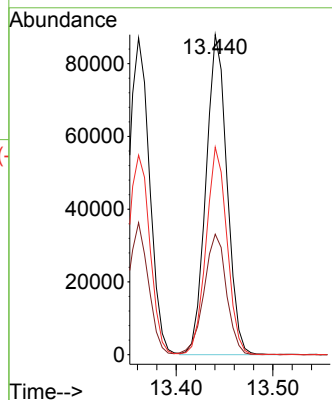
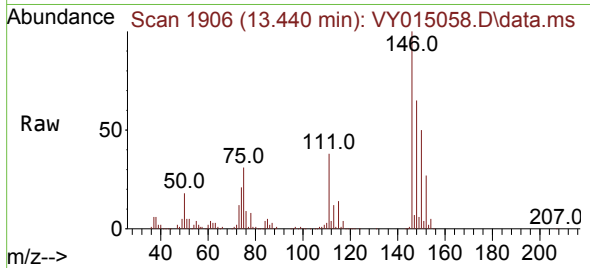




#88
1,4-Dichlorobenzene
Concen: 20.703 ug/l
RT: 13.440 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

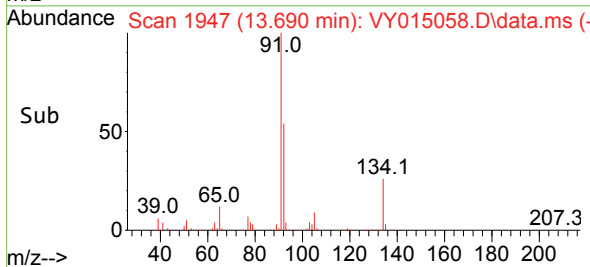
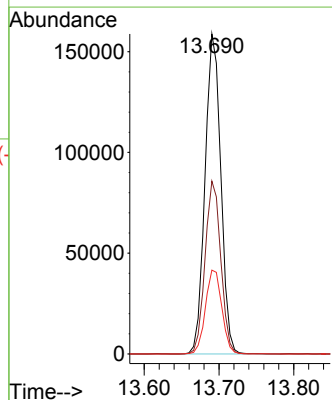
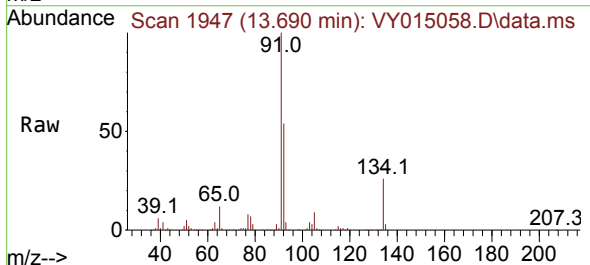
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

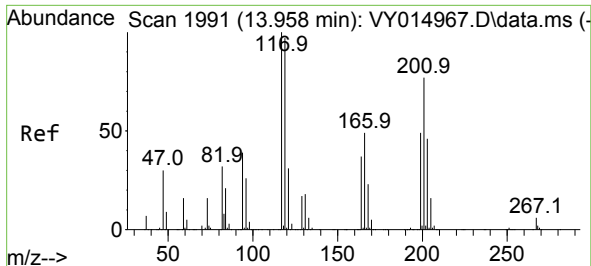
Tgt Ion:146 Resp: 133238
Ion Ratio Lower Upper
146 100
111 40.0 18.9 56.7
148 64.5 32.1 96.5



#89
n-Butylbenzene
Concen: 19.925 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion: 91 Resp: 233044
Ion Ratio Lower Upper
91 100
92 53.8 25.4 76.0
134 27.2 12.6 37.6

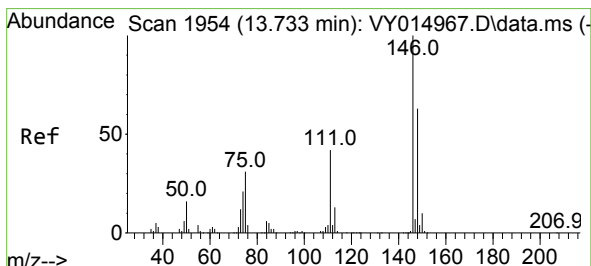
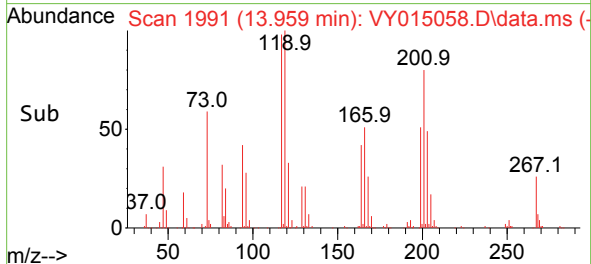
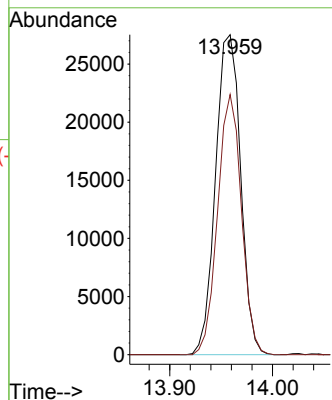
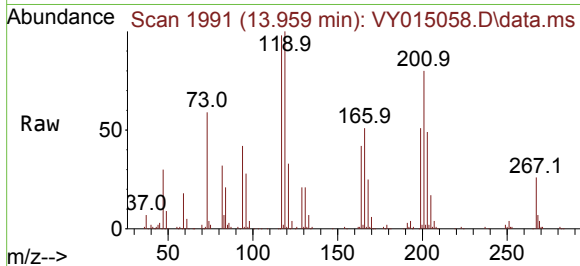




#90
Hexachloroethane
Concen: 19.296 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

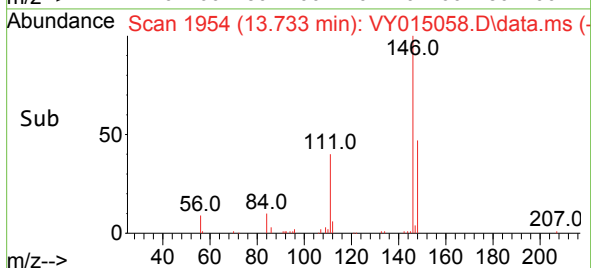
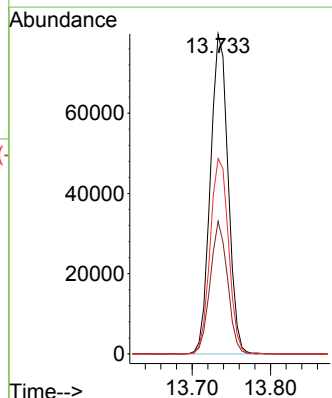
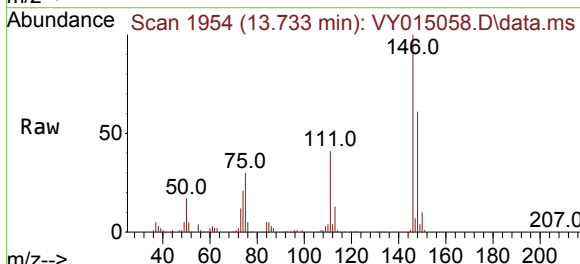
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBS03

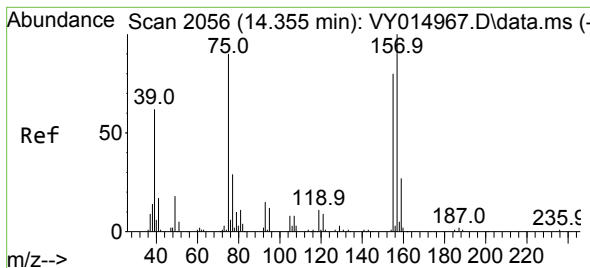
Tgt Ion:117 Resp: 46645
Ion Ratio Lower Upper
117 100
201 77.2 41.6 124.8



#91
1,2-Dichlorobenzene
Concen: 20.993 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY015058.D
Acq: 11 Aug 2023 15:43

Tgt Ion:146 Resp: 125031
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 63.5 32.0 96.2

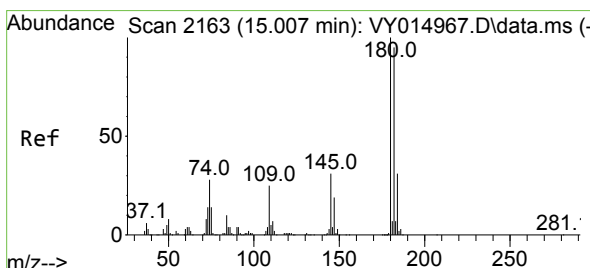
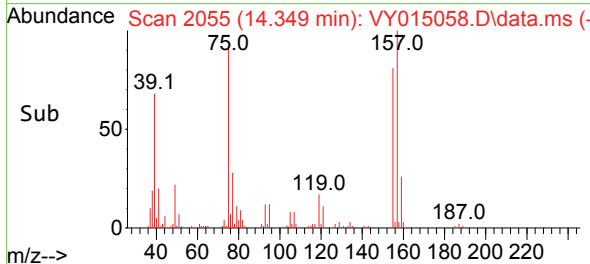
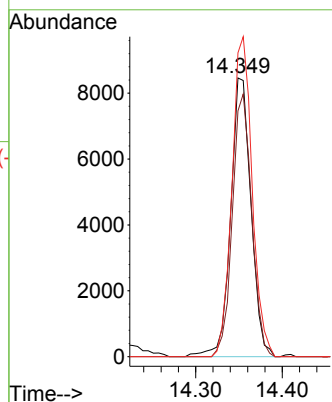
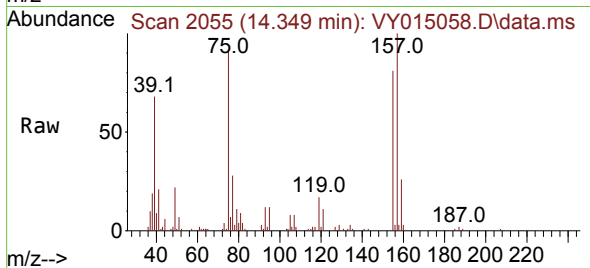




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.235 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.006 min
 Lab File: VY015058.D
 Acq: 11 Aug 2023 15:43

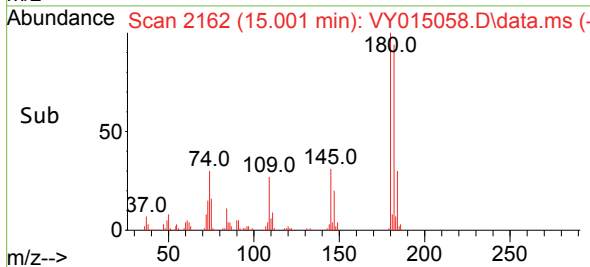
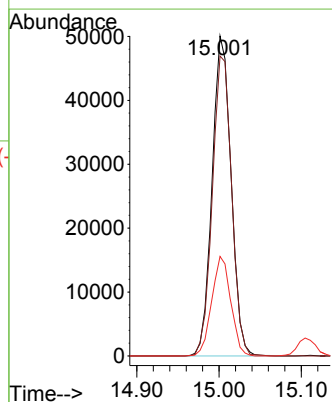
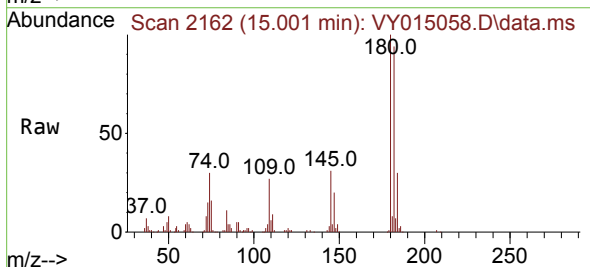
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBS03

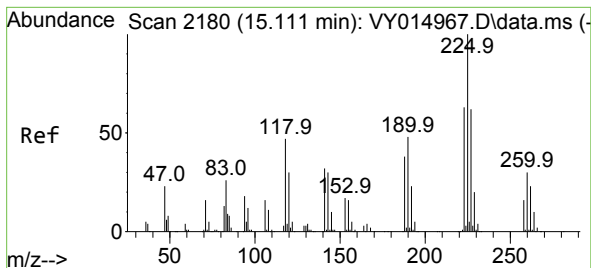
Tgt Ion: 75 Resp: 13772
 Ion Ratio Lower Upper
 75 100
 155 89.8 41.5 124.6
 157 114.3 51.8 155.5



#93
 1,2,4-Trichlorobenzene
 Concen: 21.045 ug/l
 RT: 15.001 min Scan# 2162
 Delta R.T. -0.006 min
 Lab File: VY015058.D
 Acq: 11 Aug 2023 15:43

Tgt Ion: 180 Resp: 80207
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.0 141.2
 145 31.2 14.5 43.5





#94

Hexachlorobutadiene

Concen: 20.663 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0811SBS03

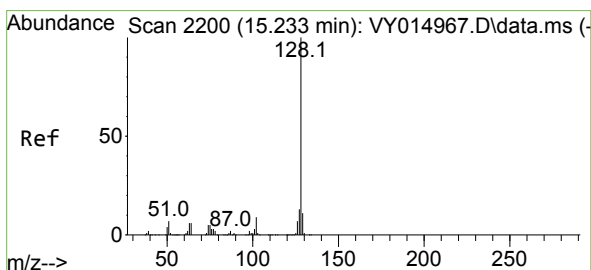
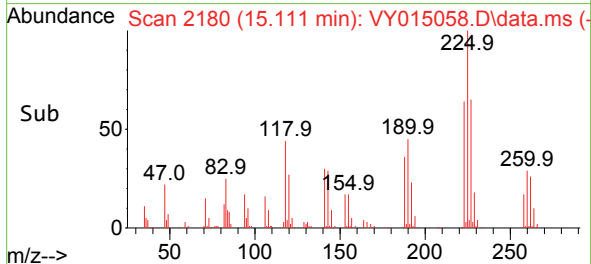
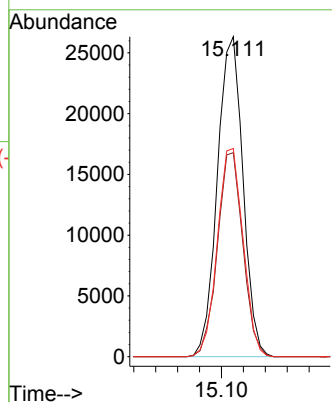
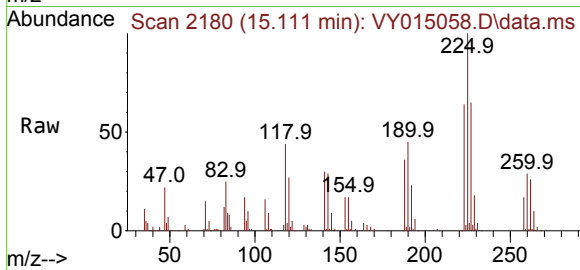
Tgt Ion:225 Resp: 42704

Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 65.4 33.0 98.9



#95

Naphthalene

Concen: 22.031 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

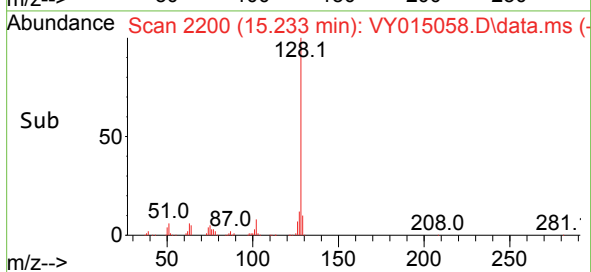
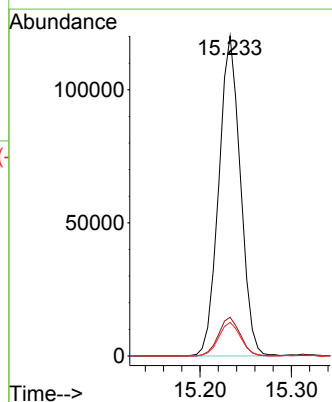
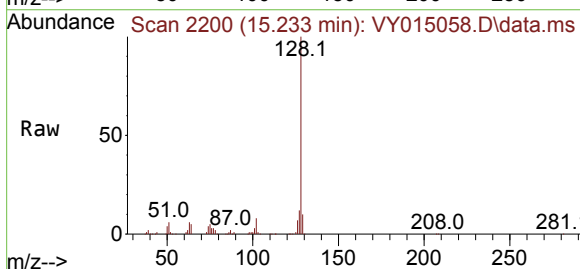
Tgt Ion:128 Resp: 197571

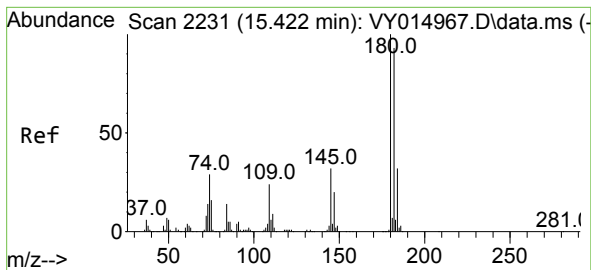
Ion Ratio Lower Upper

128 100

127 12.2 10.8 16.2

129 10.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 20.659 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY015058.D
 Acq: 11 Aug 2023 15:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBS03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	33.6	15.4	46.2

