

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014423.D
 Acq On : 26 Jun 2023 10:58
 Operator : KP/MD
 Sample : VY0626SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0626SBS01

Quant Time: Jun 27 01:43:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	228547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	330781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	309179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175697	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	152789	53.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.680%	
35) Dibromofluoromethane	7.716	113	107664	52.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.360%	
50) Toluene-d8	10.179	98	435593	53.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	12.483	95	154722	53.349	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45050	21.235	ug/l	93
3) Chloromethane	2.113	50	36150	17.412	ug/l	99
4) Vinyl Chloride	2.247	62	41999	18.561	ug/l	94
5) Bromomethane	2.631	94	40888	20.566	ug/l	99
6) Chloroethane	2.784	64	29953	19.984	ug/l	99
7) Trichlorofluoromethane	3.119	101	94373	21.124	ug/l	100
8) Diethyl Ether	3.527	74	26110	19.169	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	40443	19.154	ug/l	93
10) Methyl Iodide	4.088	142	43258	17.486	ug/l	92
11) Tert butyl alcohol	4.954	59	42694	100.579	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	40864	19.408	ug/l	96
13) Acrolein	3.723	56	34517	93.773	ug/l	96
14) Allyl chloride	4.472	41	56995	16.949	ug/l #	83
15) Acrylonitrile	5.161	53	67158	88.176	ug/l	99
16) Acetone	3.948	43	77795	87.126	ug/l	98
17) Carbon Disulfide	4.186	76	124606	19.124	ug/l	100
18) Methyl Acetate	4.472	43	51343	16.726	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	125400	19.364	ug/l	98
20) Methylene Chloride	4.716	84	48053	14.713	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	43853	18.942	ug/l	94
22) Diisopropyl ether	6.118	45	113672	17.010	ug/l #	96
23) Vinyl Acetate	6.064	43	358934	105.201	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	71397	17.992	ug/l	96
25) 2-Butanone	6.990	43	89823	80.766	ug/l	92
26) 2,2-Dichloropropane	6.978	77	81544	19.434	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	48068	18.445	ug/l	96
28) Bromochloromethane	7.332	49	32286	18.656	ug/l #	72
29) Tetrahydrofuran	7.350	42	55357	83.477	ug/l #	85
30) Chloroform	7.508	83	85772	19.161	ug/l	99
31) Cyclohexane	7.789	56	61859	17.649	ug/l #	91
32) 1,1,1-Trichloroethane	7.697	97	85673	20.107	ug/l	98
36) 1,1-Dichloropropene	7.917	75	61136	19.413	ug/l	99
37) Ethyl Acetate	7.076	43	38438	17.710	ug/l	98
38) Carbon Tetrachloride	7.905	117	83769	21.137	ug/l	97
39) Methylcyclohexane	9.185	83	69796	19.263	ug/l	93
40) Benzene	8.161	78	171099	19.182	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	55895	51.967	ug/l #	43
42) 1,2-Dichloroethane	8.240	62	68504	20.257	ug/l	98
43) Isopropyl Acetate	8.270	43	68089	17.767	ug/l #	95
44) Trichloroethene	8.941	130	50379	19.673	ug/l	97
45) 1,2-Dichloropropane	9.215	63	37105	17.643	ug/l	97
46) Dibromomethane	9.307	93	27169	18.904	ug/l	96
47) Bromodichloromethane	9.496	83	66030	19.712	ug/l	100
48) Methyl methacrylate	9.295	41	30854	17.335	ug/l	90
49) 1,4-Dioxane	9.295	88	9027	401.698	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	189511	87.618	ug/l	96
52) Toluene	10.246	92	115131	20.061	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	71720	19.748	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	71918	19.198	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	37916	19.702	ug/l	94
56) Ethyl methacrylate	10.508	69	52483	19.095	ug/l	92
57) 1,3-Dichloropropane	10.788	76	61932	19.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	130315	101.221	ug/l #	89
59) 2-Hexanone	10.831	43	147211	90.323	ug/l	99
60) Dibromochloromethane	10.983	129	51897	20.328	ug/l	98
61) 1,2-Dibromoethane	11.087	107	37419	19.528	ug/l	98
64) Tetrachloroethene	10.721	164	54528	20.725	ug/l	94
65) Chlorobenzene	11.520	112	126129	19.857	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	51370	20.077	ug/l	97
67) Ethyl Benzene	11.593	91	222907	19.708	ug/l	98
68) m/p-Xylenes	11.703	106	177503	40.180	ug/l	98
69) o-Xylene	12.032	106	84352	20.066	ug/l	100
70) Styrene	12.044	104	144004	19.987	ug/l	99
71) Bromoform	12.209	173	38757	20.496	ug/l #	97
73) Isopropylbenzene	12.331	105	226035	19.106	ug/l	99
74) N-amyl acetate	12.142	43	62732	16.743	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	44719	17.687	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	66754	30.288	ug/l #	100
77) Bromobenzene	12.605	156	58761	19.103	ug/l	90
78) n-propylbenzene	12.672	91	270524	18.953	ug/l	96
79) 2-Chlorotoluene	12.757	91	154281	18.927	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	199798	19.523	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	16821	17.376	ug/l	89
82) 4-Chlorotoluene	12.855	91	161001	18.541	ug/l	96
83) tert-Butylbenzene	13.074	119	169525	19.322	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	200297	19.751	ug/l	100
85) sec-Butylbenzene	13.251	105	246084	19.395	ug/l	97
86) p-Isopropyltoluene	13.367	119	219724	20.002	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	118557	19.982	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	117840	19.756	ug/l	99
89) n-Butylbenzene	13.696	91	193361	19.265	ug/l	98
90) Hexachloroethane	13.958	117	39464	18.884	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	105638	19.503	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10876	19.463	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	70785	20.115	ug/l	99
94) Hexachlorobutadiene	15.111	225	43428	20.545	ug/l	98
95) Naphthalene	15.233	128	142297	18.808	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	62642	19.550	ug/l	99

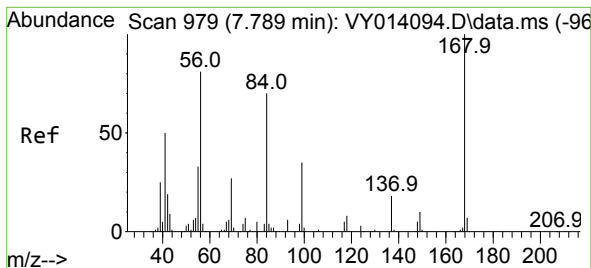
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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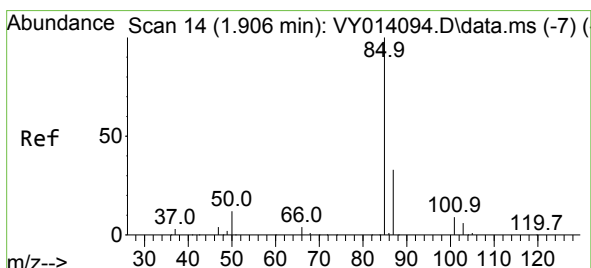
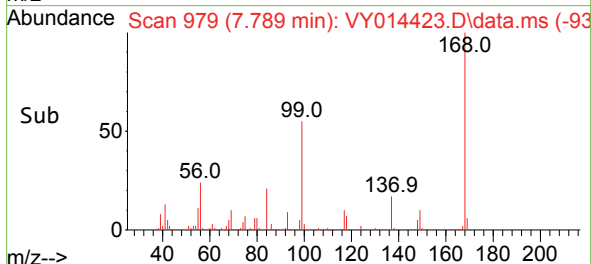
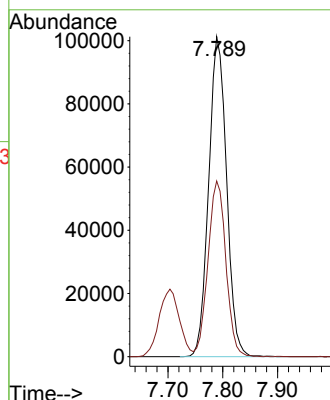
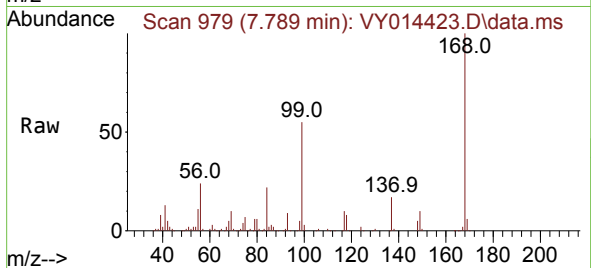
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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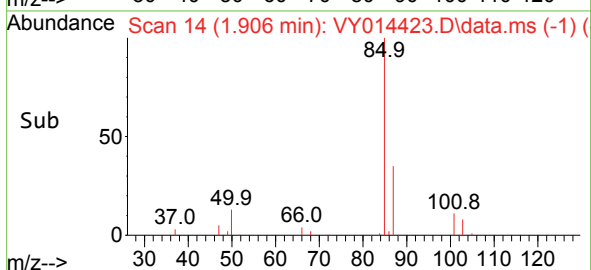
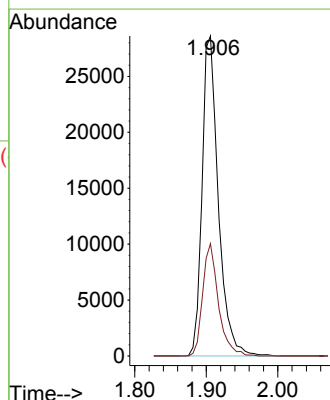
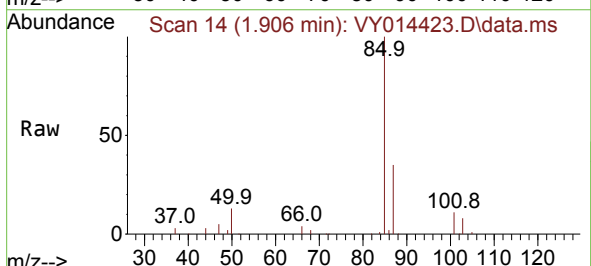
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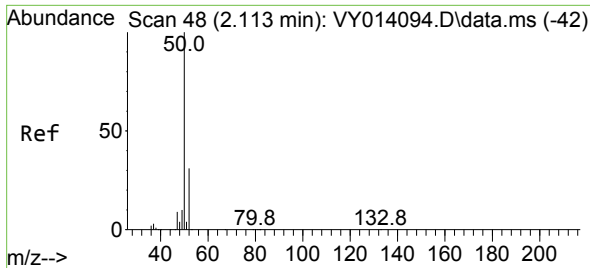
Tgt Ion:168 Resp: 228547
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.235 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 85 Resp: 45050
Ion Ratio Lower Upper
85 100
87 35.1 15.6 46.8

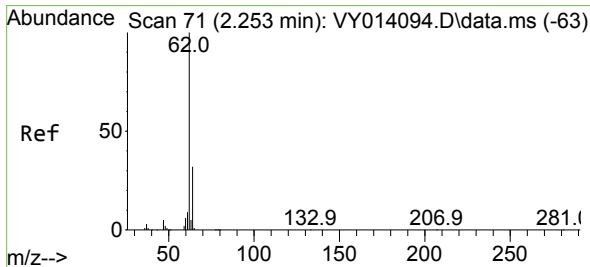
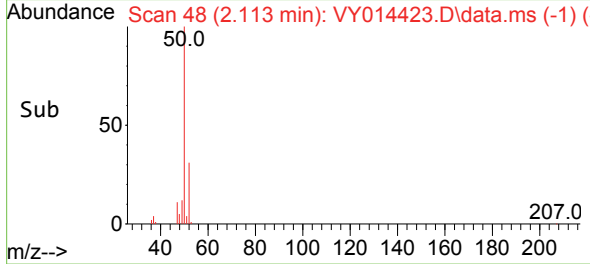
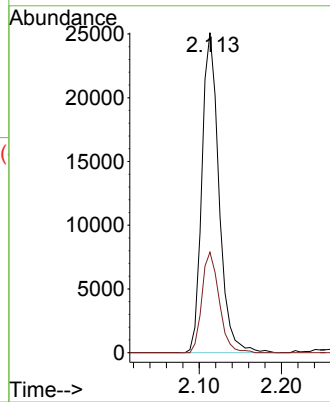
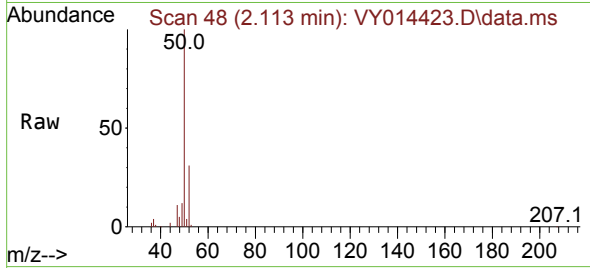




#3
Chloromethane
Concen: 17.412 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

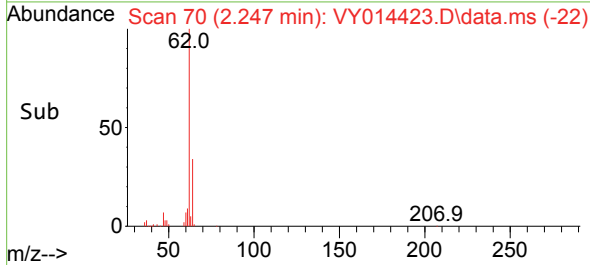
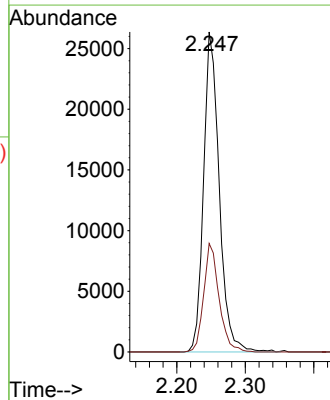
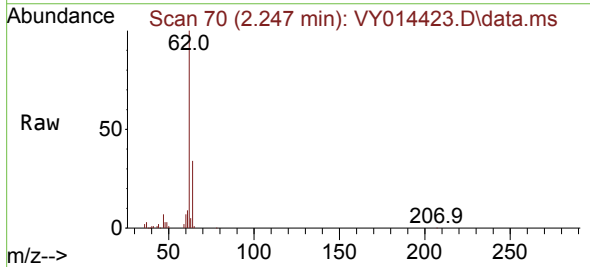
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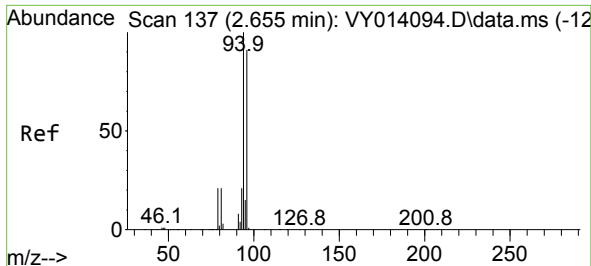
Tgt Ion: 50 Resp: 36150
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2



#4
Vinyl Chloride
Concen: 18.561 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 62 Resp: 41999
Ion Ratio Lower Upper
62 100
64 33.9 24.3 36.5

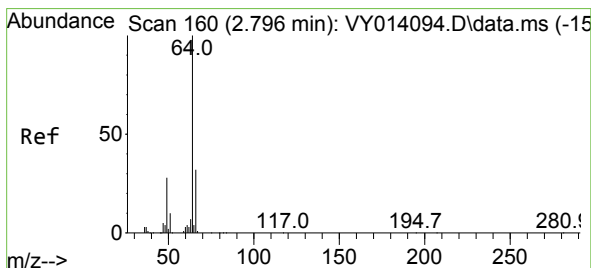
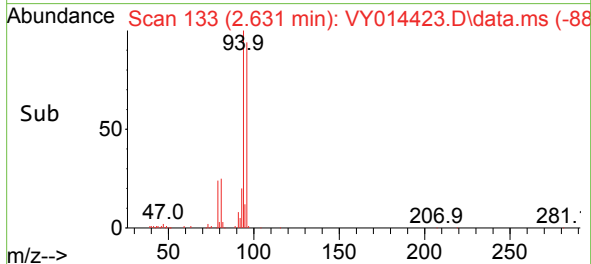
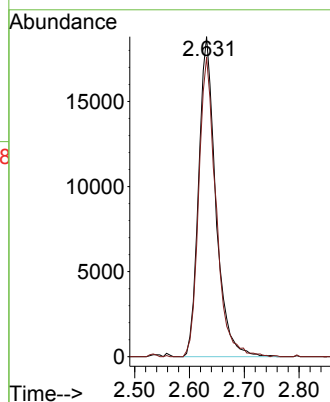
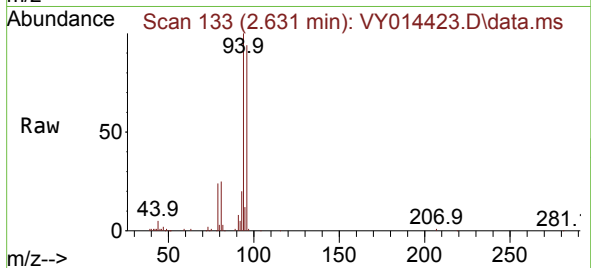




#5
Bromomethane
Concen: 20.566 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

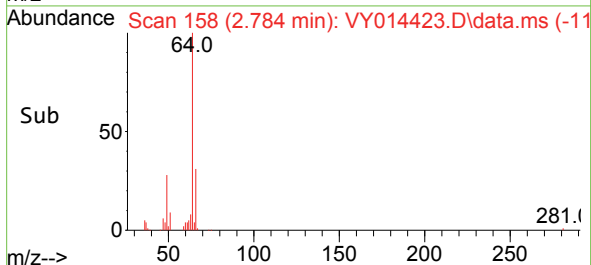
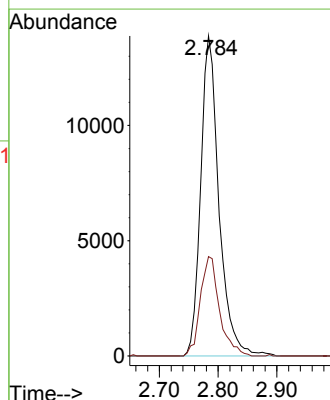
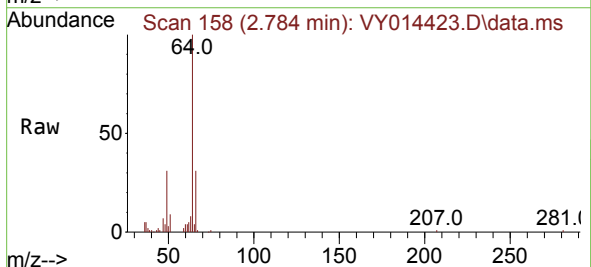
Instrument :
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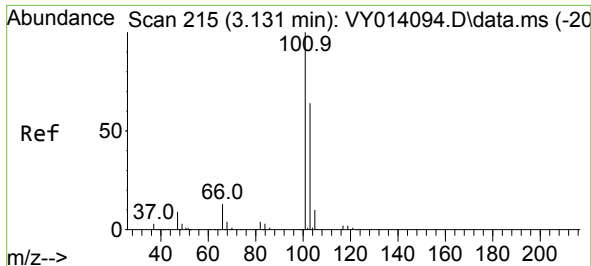
Tgt Ion: 94 Resp: 40888
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.6



#6
Chloroethane
Concen: 19.984 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 64 Resp: 29953
Ion Ratio Lower Upper
64 100
66 31.1 24.4 36.6

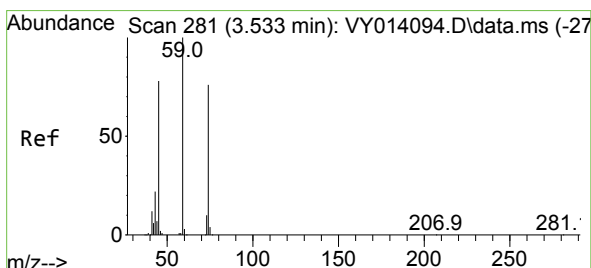
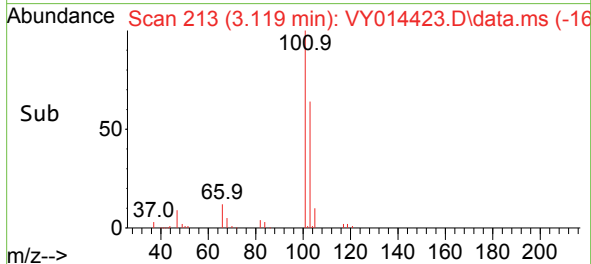
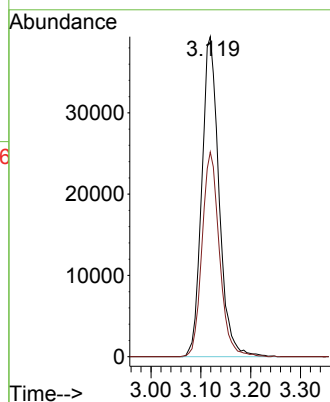
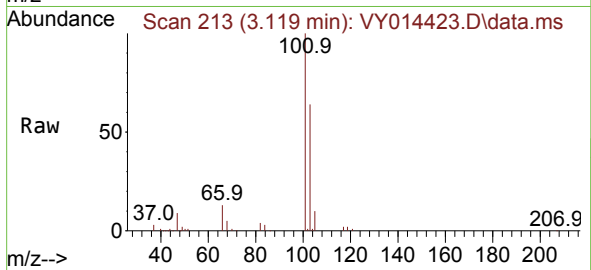




#7
Trichlorofluoromethane
Concen: 21.124 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

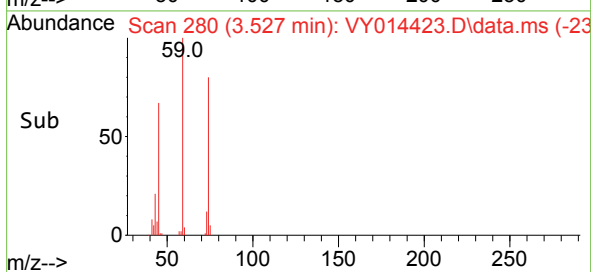
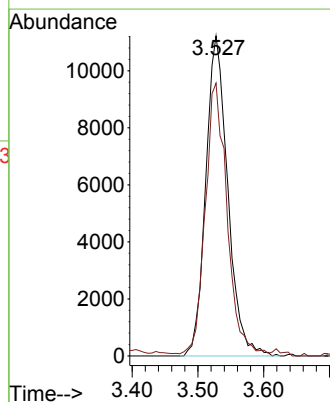
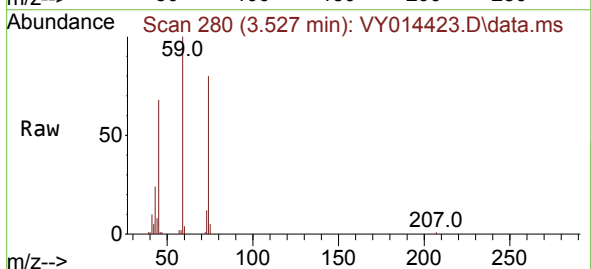
Instrument :
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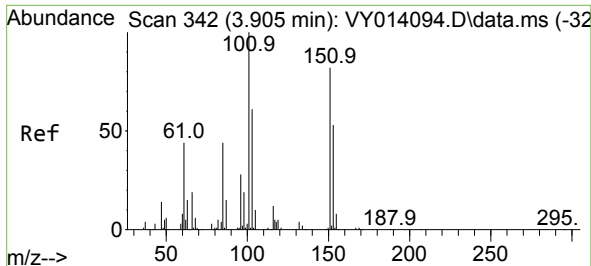
Tgt Ion:101 Resp: 94373
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0



#8
Diethyl Ether
Concen: 19.169 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 74 Resp: 26110
Ion Ratio Lower Upper
74 100
45 83.6 51.5 154.5

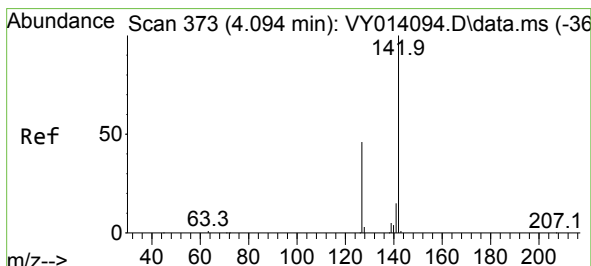
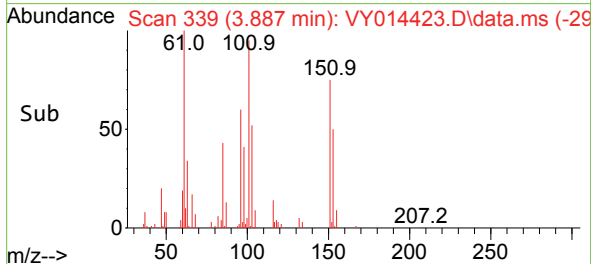
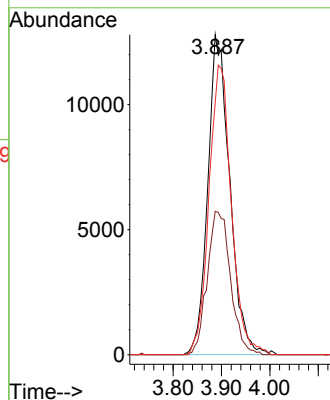
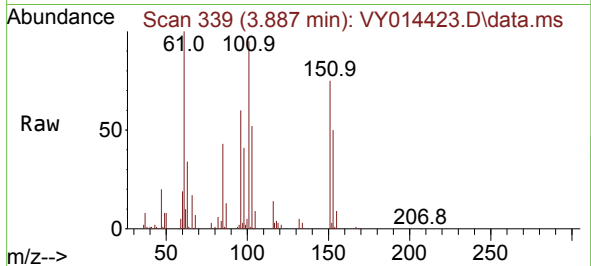




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.154 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.018 min
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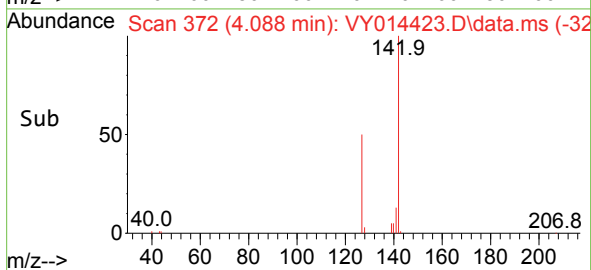
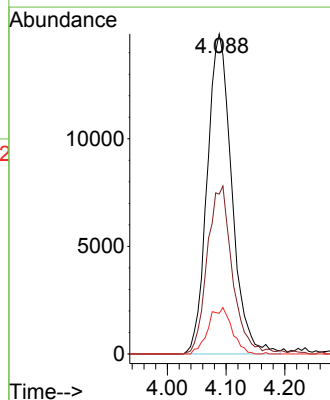
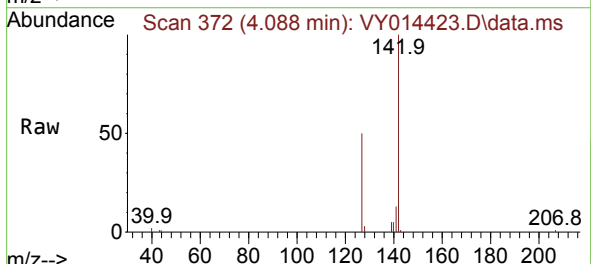
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

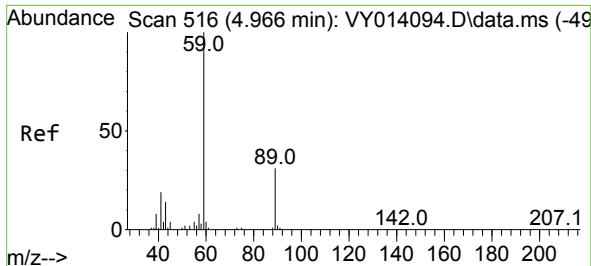
Tgt Ion:101 Resp: 40443
Ion Ratio Lower Upper
101 100
85 47.4 36.6 55.0
151 92.2 67.0 100.6



#10
Methyl Iodide
Concen: 17.486 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion:142 Resp: 43258
Ion Ratio Lower Upper
142 100
127 53.5 37.6 56.4
141 13.9 11.8 17.8

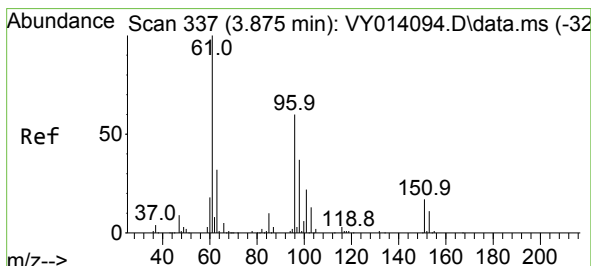
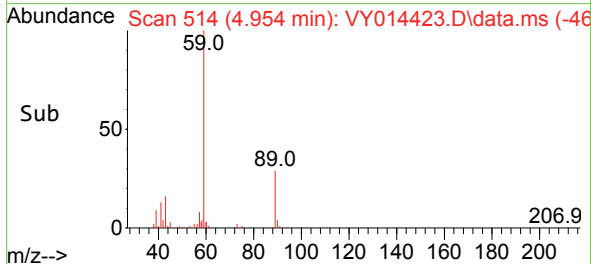
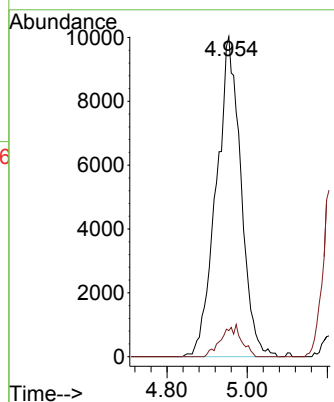
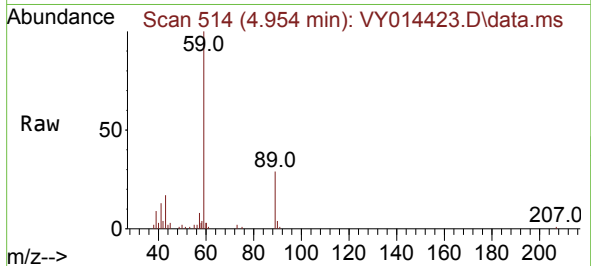




#11
Tert butyl alcohol
Concen: 100.579 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

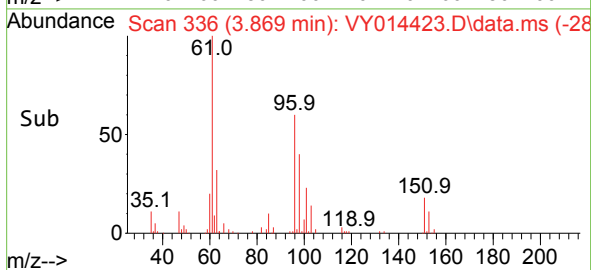
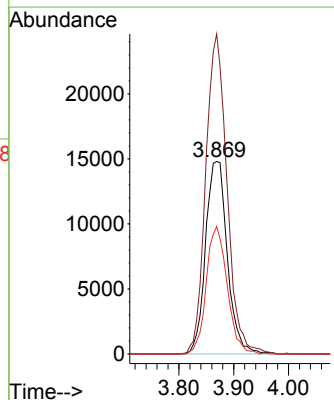
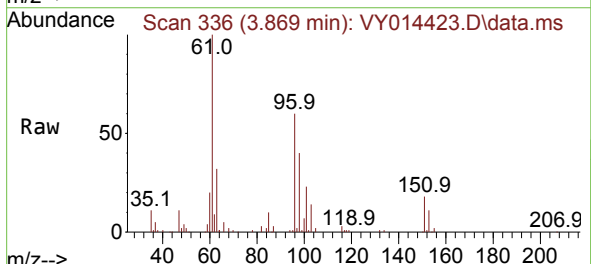
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

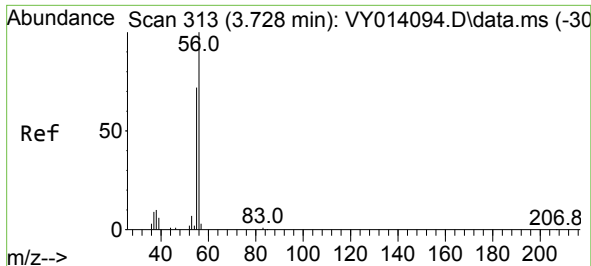
Tgt Ion: 59 Resp: 42694
Ion Ratio Lower Upper
59 100
57 8.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.408 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 96 Resp: 40864
Ion Ratio Lower Upper
96 100
61 166.2 136.4 204.6
98 66.2 49.4 74.2





#13

Acrolein

Concen: 93.773 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

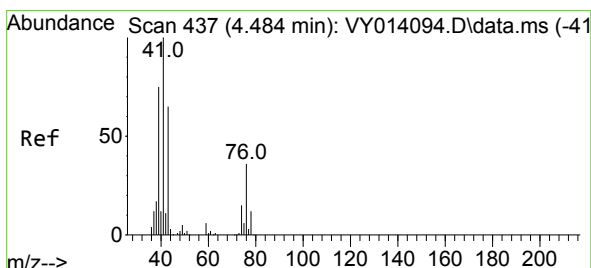
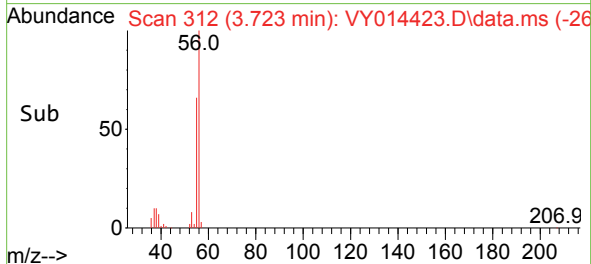
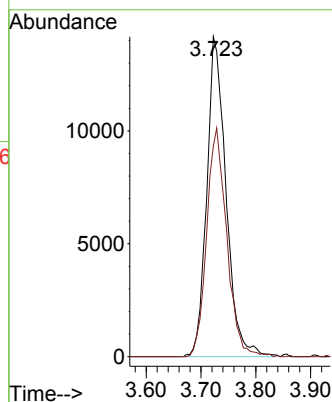
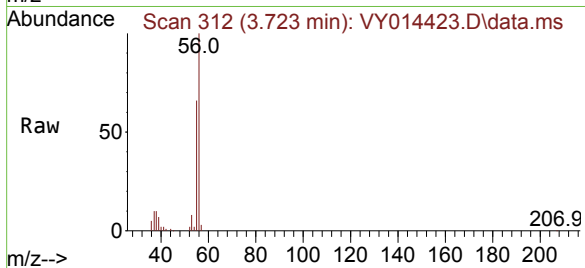
VY0626SBS01

Tgt Ion: 56 Resp: 34517

Ion Ratio Lower Upper

56 100

55 74.5 57.0 85.4



#14

Allyl chloride

Concen: 16.949 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

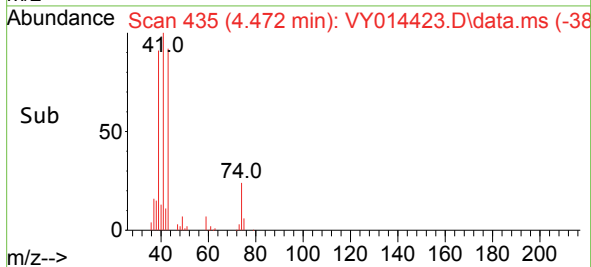
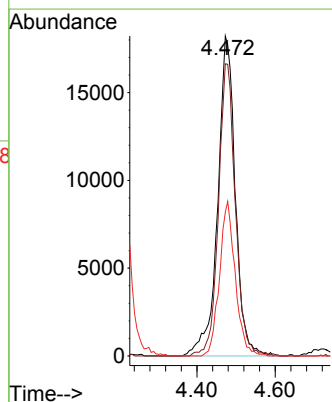
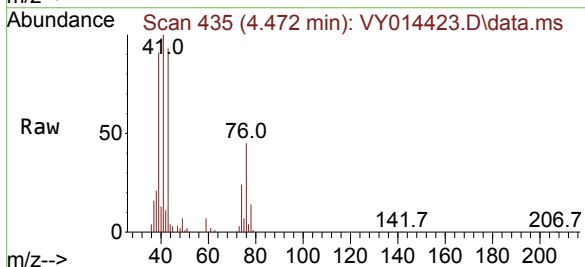
Tgt Ion: 41 Resp: 56995

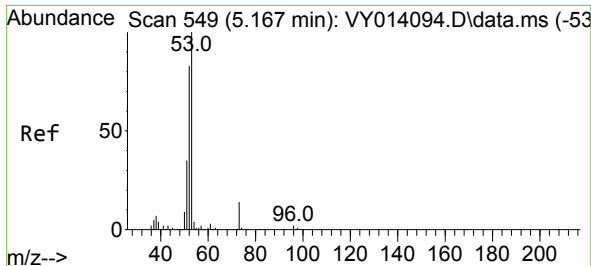
Ion Ratio Lower Upper

41 100

39 87.5 58.0 87.0#

76 43.3 27.4 41.2#

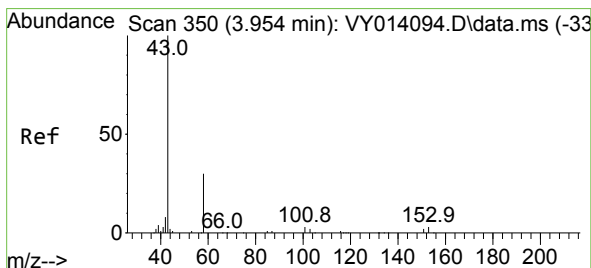
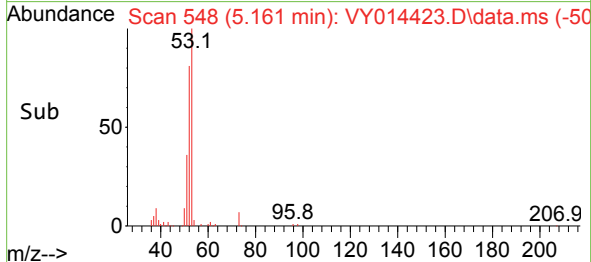
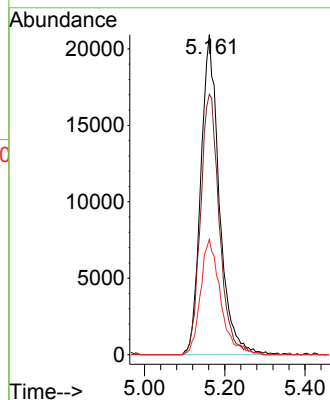
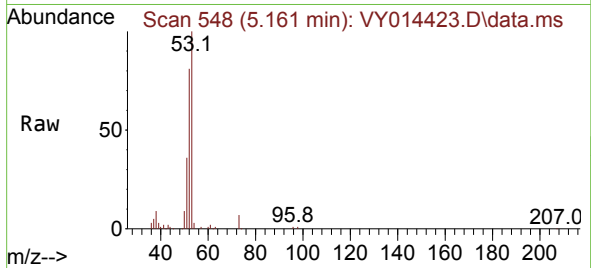




#15
Acrylonitrile
Concen: 88.176 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

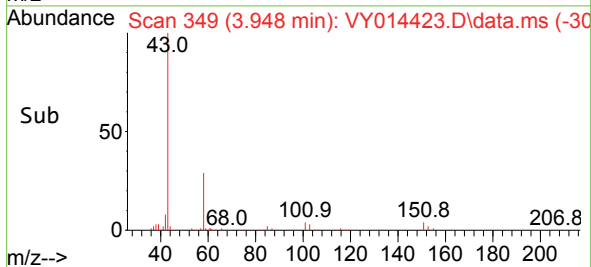
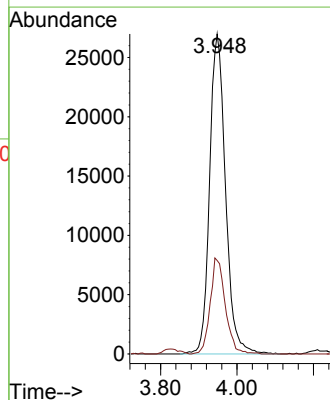
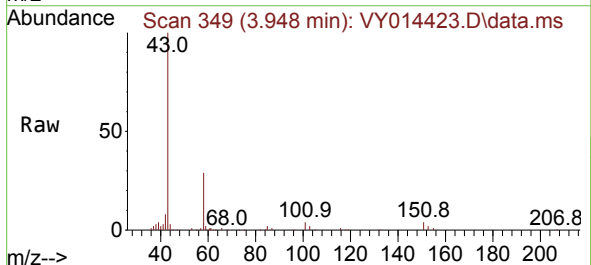
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

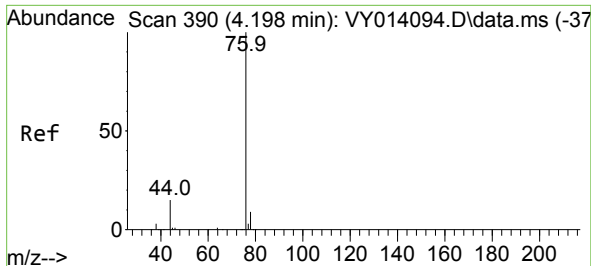
Tgt Ion: 53 Resp: 67158
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 39.0 29.8 44.6



#16
Acetone
Concen: 87.126 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 43 Resp: 77795
Ion Ratio Lower Upper
43 100
58 29.2 22.7 34.1

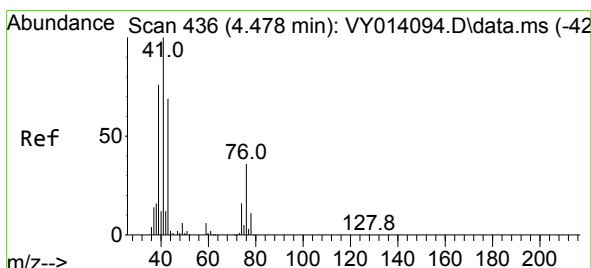
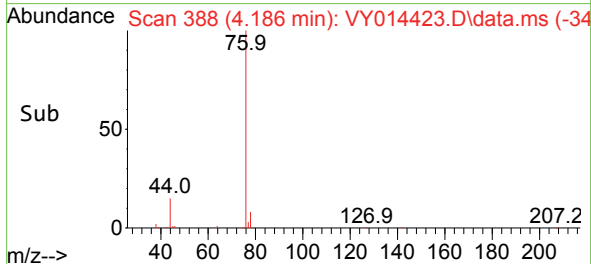
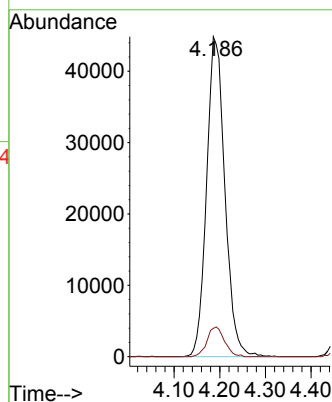
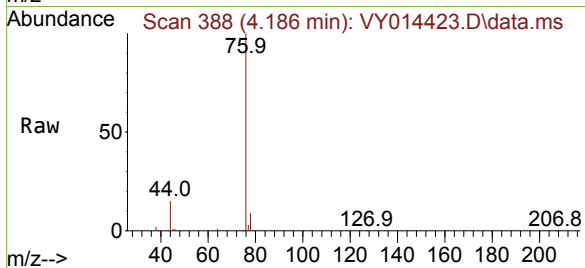




#17
Carbon Disulfide
Concen: 19.124 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

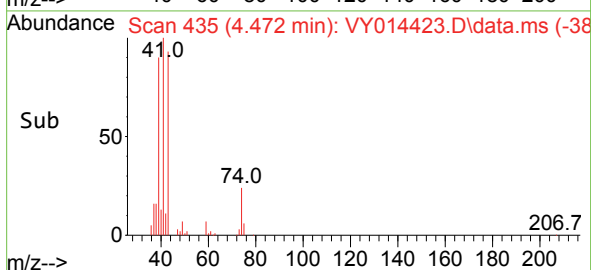
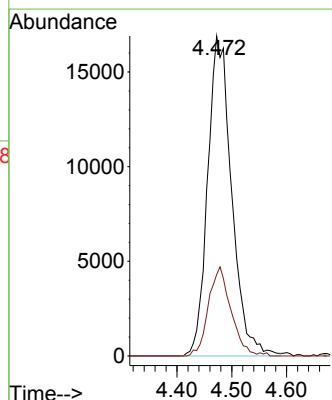
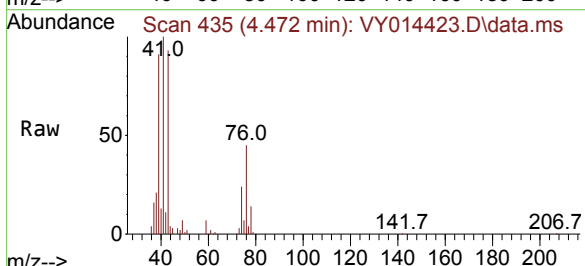
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

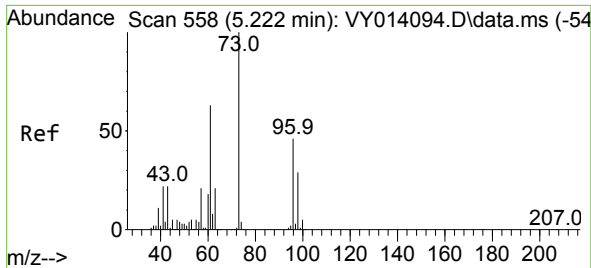
Tgt Ion: 76 Resp: 124606
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 16.726 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 43 Resp: 51343
Ion Ratio Lower Upper
43 100
74 25.9 17.4 26.0

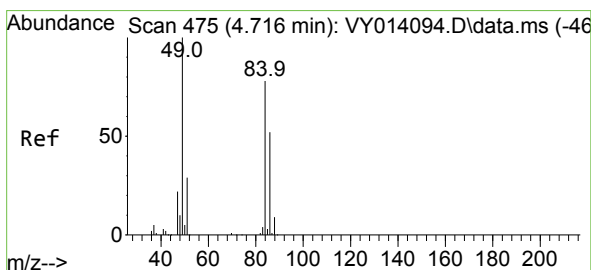
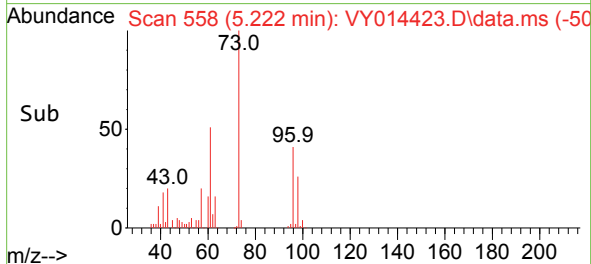
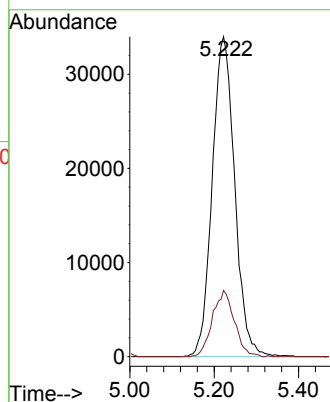
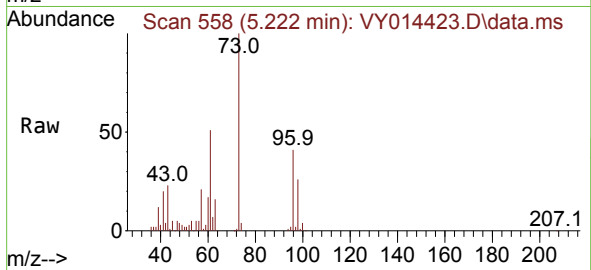




#19
Methyl tert-butyl Ether
Concen: 19.364 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

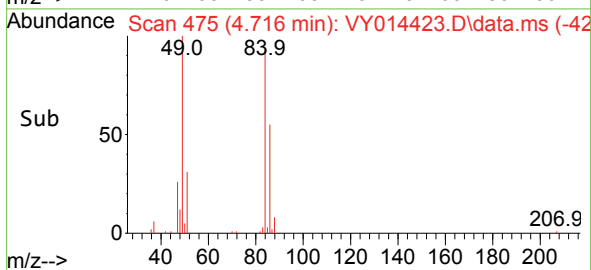
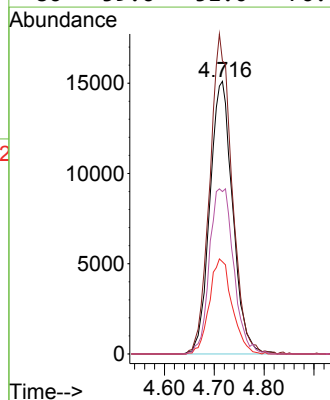
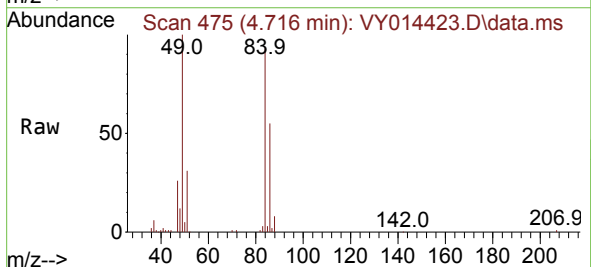
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

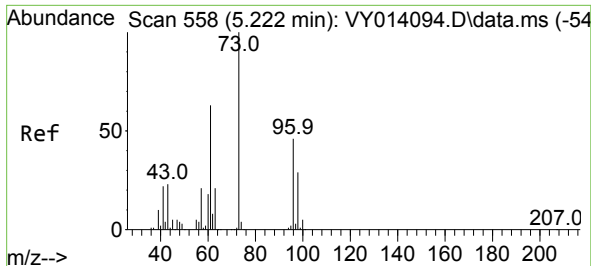
Tgt Ion: 73 Resp: 125400
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 14.713 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 84 Resp: 48053
Ion Ratio Lower Upper
84 100
49 107.4 106.9 160.3
51 33.8 33.2 49.8
86 59.6 51.0 76.6

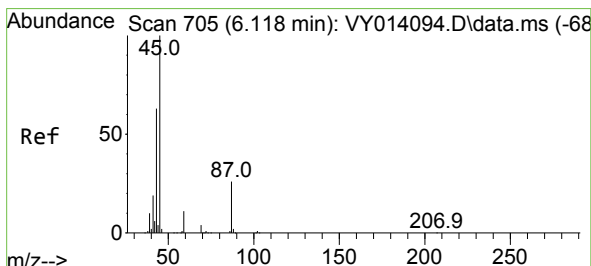
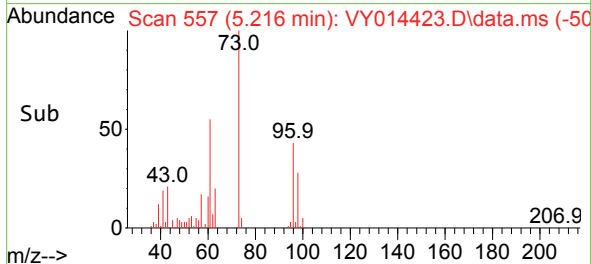
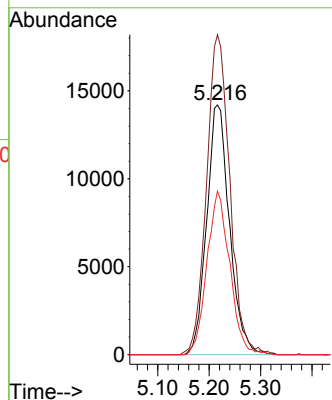
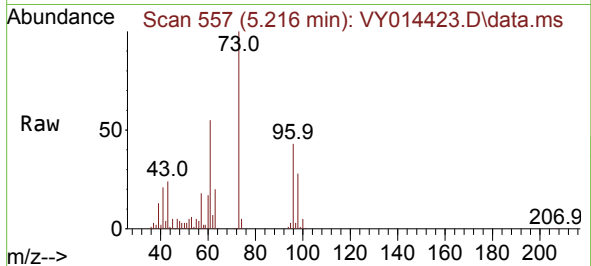




#21
trans-1,2-Dichloroethene
Concen: 18.942 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

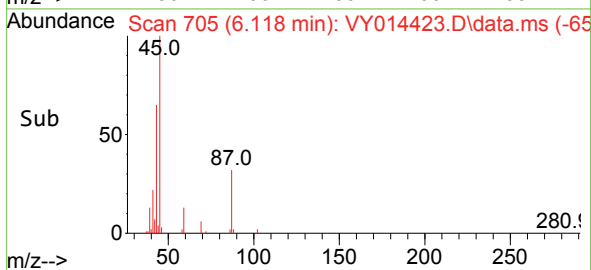
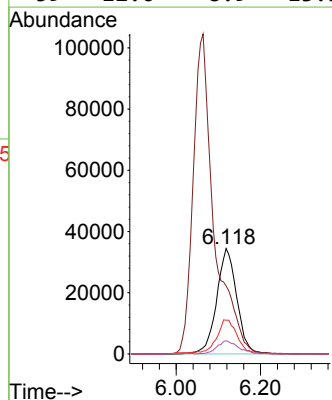
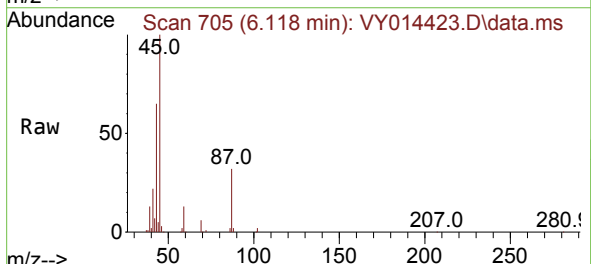
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

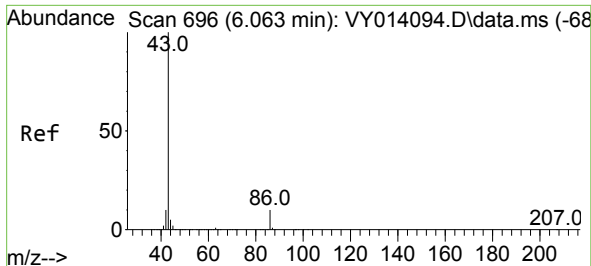
Tgt Ion: 96 Resp: 43853
Ion Ratio Lower Upper
96 100
61 128.2 110.2 165.4
98 65.5 51.8 77.6



#22
Diisopropyl ether
Concen: 17.010 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 45 Resp: 113672
Ion Ratio Lower Upper
45 100
43 63.9 52.2 78.4
87 32.0 21.0 31.6#
59 12.6 8.9 13.3

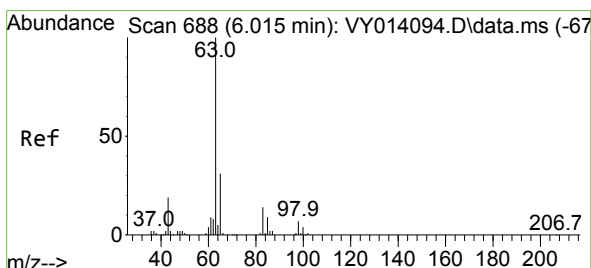
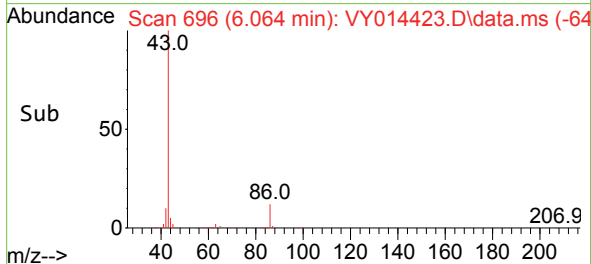
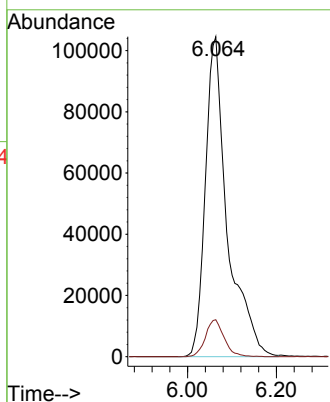
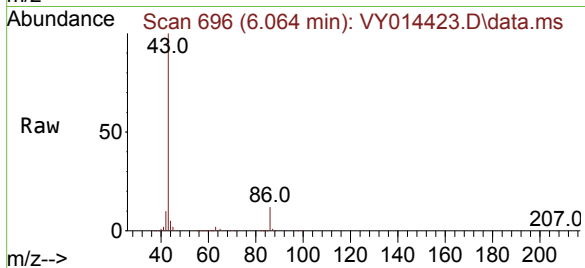




#23
 Vinyl Acetate
 Concen: 105.201 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014423.D
 Acq: 26 Jun 2023 10:58

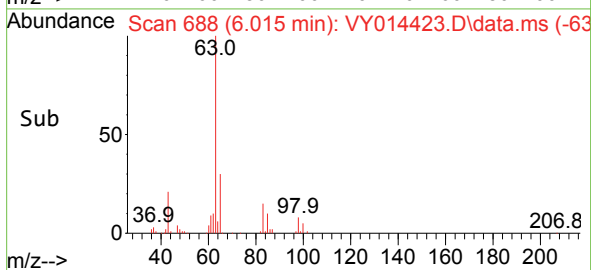
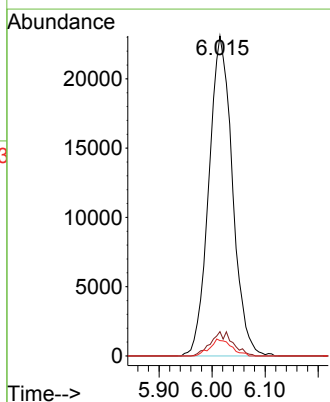
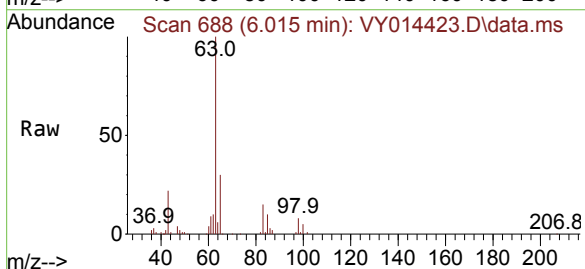
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0626SBS01

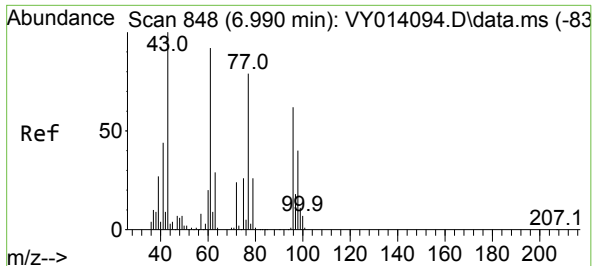
Tgt Ion: 43 Resp: 358934
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 17.992 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014423.D
 Acq: 26 Jun 2023 10:58

Tgt Ion: 63 Resp: 71397
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 80.766 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

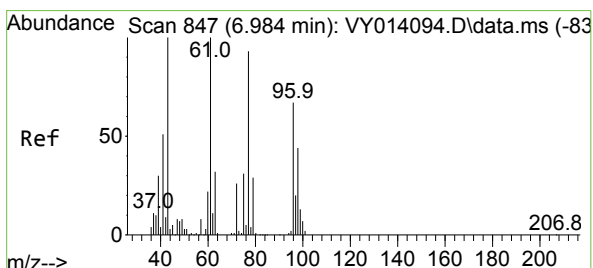
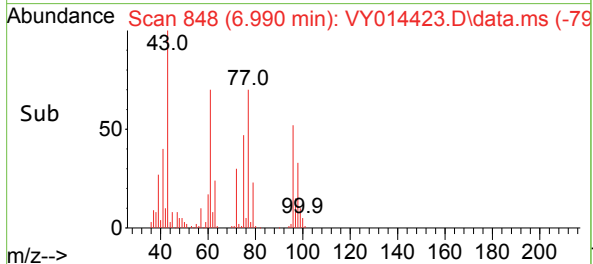
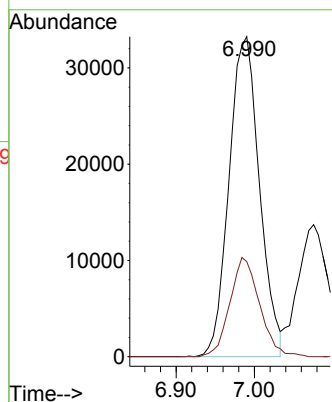
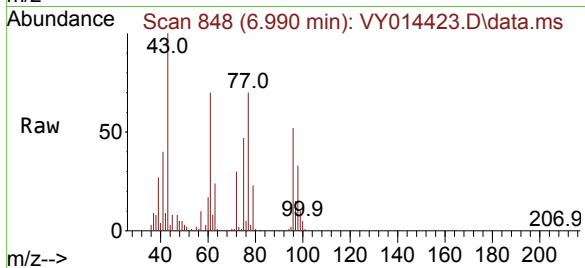
VY0626SBS01

Tgt Ion: 43 Resp: 89823

Ion Ratio Lower Upper

43 100

72 29.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.434 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014423.D

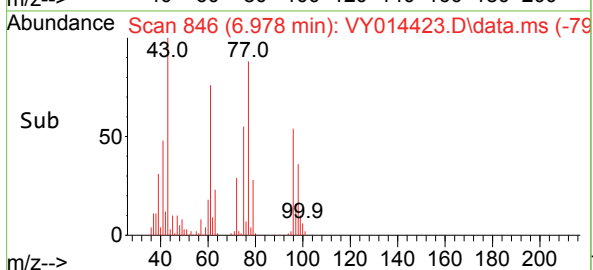
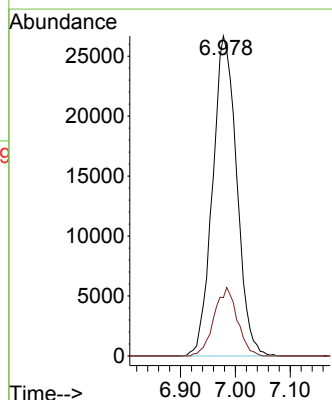
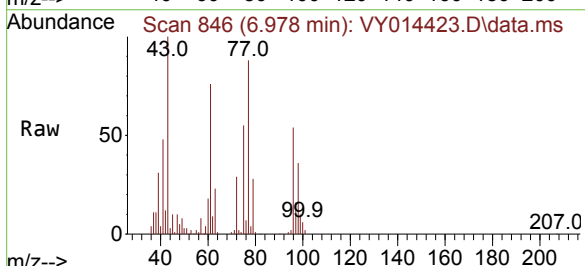
Acq: 26 Jun 2023 10:58

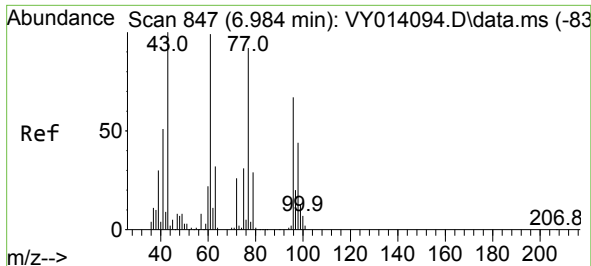
Tgt Ion: 77 Resp: 81544

Ion Ratio Lower Upper

77 100

97 20.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.445 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBS01

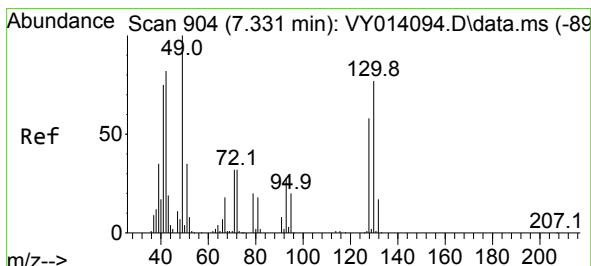
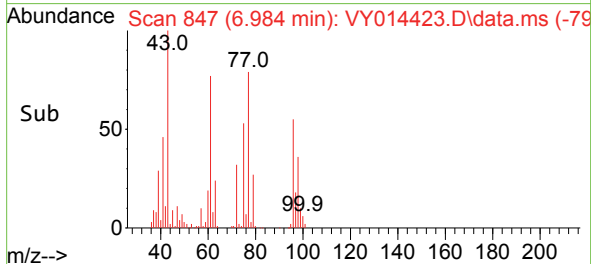
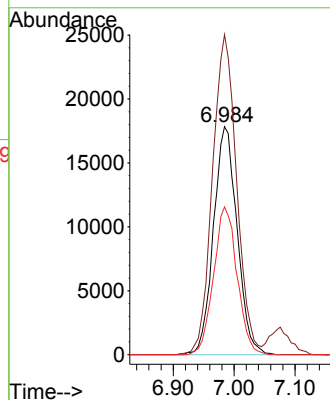
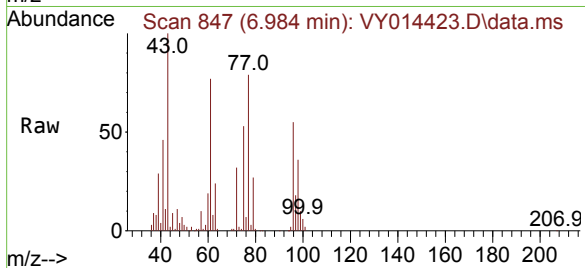
Tgt Ion: 96 Resp: 48068

Ion Ratio Lower Upper

96 100

61 143.5 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 18.656 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

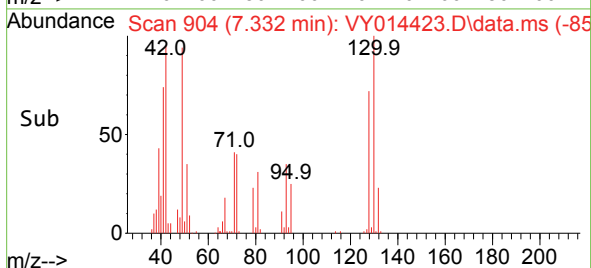
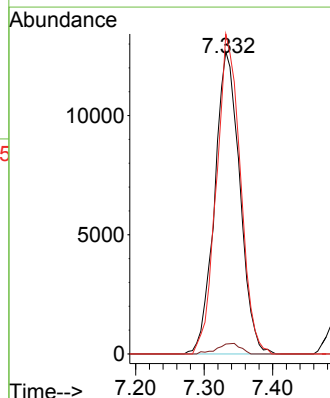
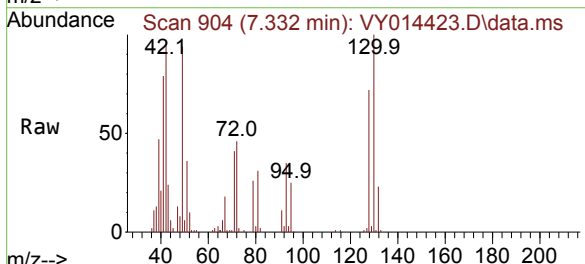
Tgt Ion: 49 Resp: 32286

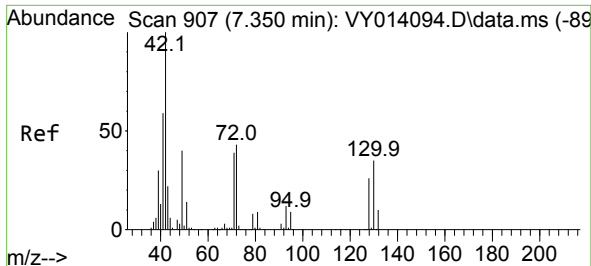
Ion Ratio Lower Upper

49 100

129 3.2 0.0 4.6

130 100.9 60.7 91.1#





#29

Tetrahydrofuran

Concen: 83.477 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBS01

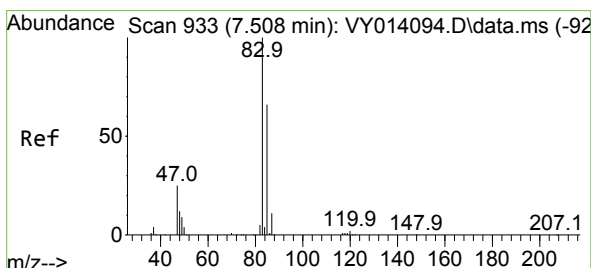
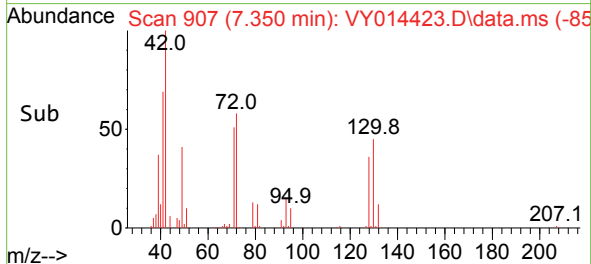
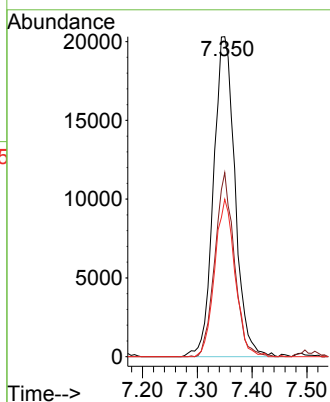
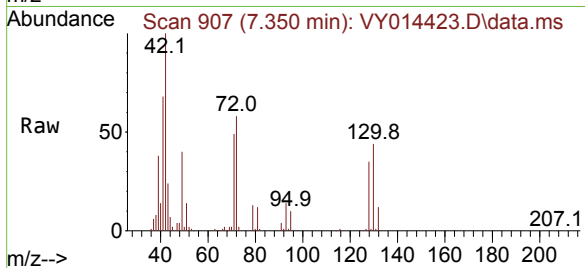
Tgt Ion: 42 Resp: 55357

Ion Ratio Lower Upper

42 100

72 51.9 32.8 49.2#

71 46.7 31.0 46.4#



#30

Chloroform

Concen: 19.161 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY014423.D

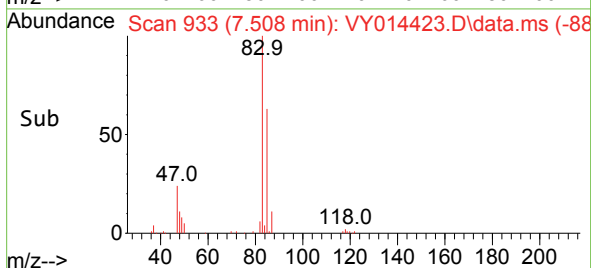
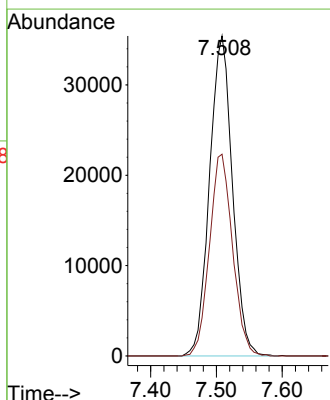
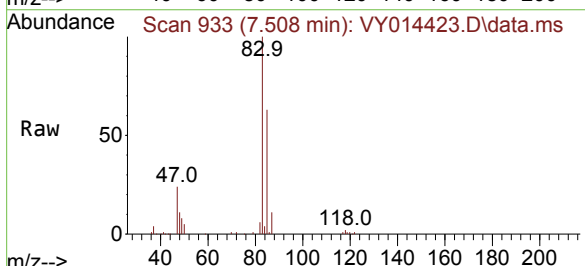
Acq: 26 Jun 2023 10:58

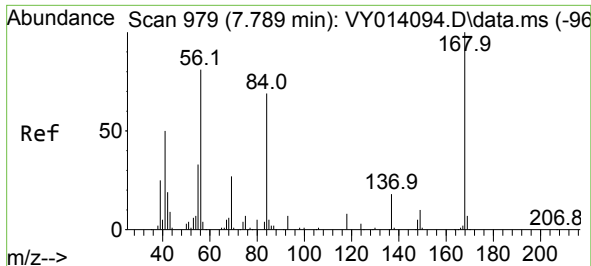
Tgt Ion: 83 Resp: 85772

Ion Ratio Lower Upper

83 100

85 63.0 49.7 74.5

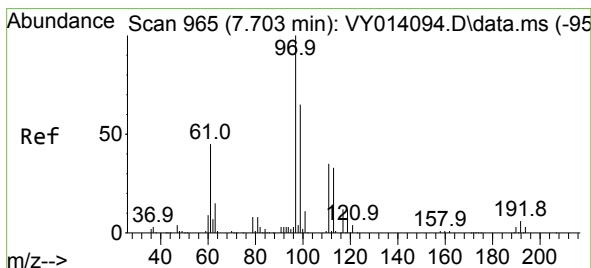
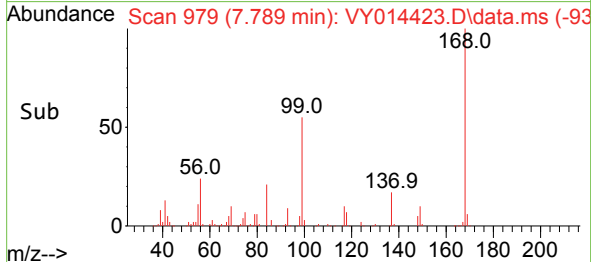
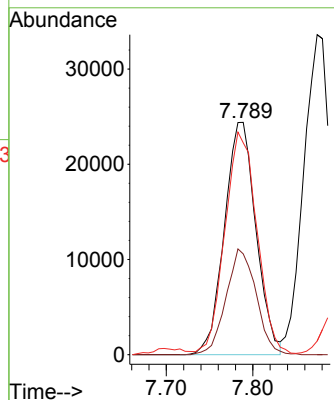
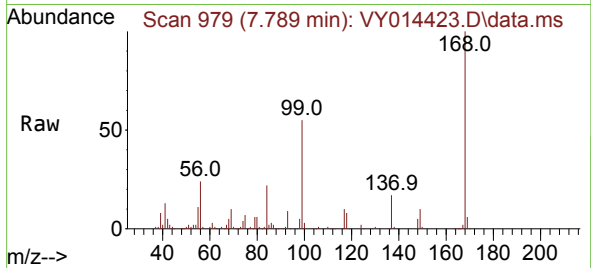




#31
Cyclohexane
Concen: 17.649 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

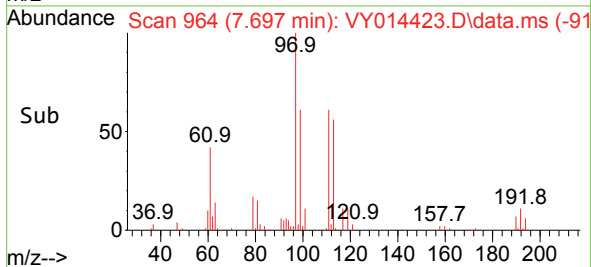
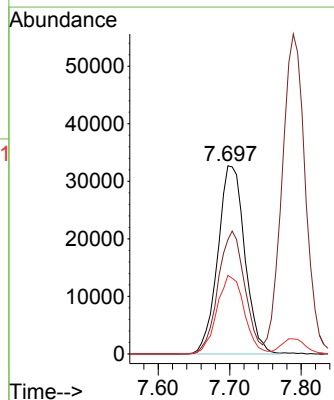
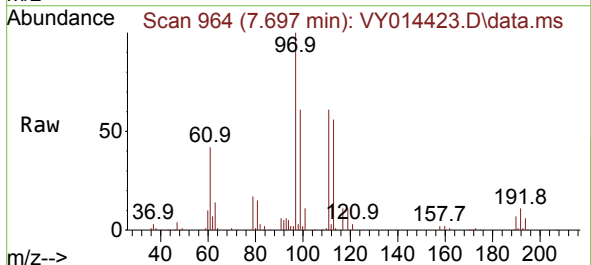
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

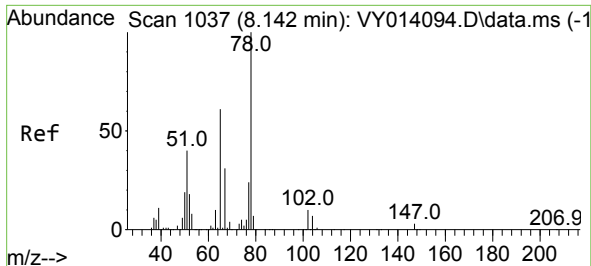
Tgt Ion: 56 Resp: 61859
Ion Ratio Lower Upper
56 100
69 43.4 27.8 41.6#
84 88.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.107 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 97 Resp: 85673
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 42.3 35.1 52.7

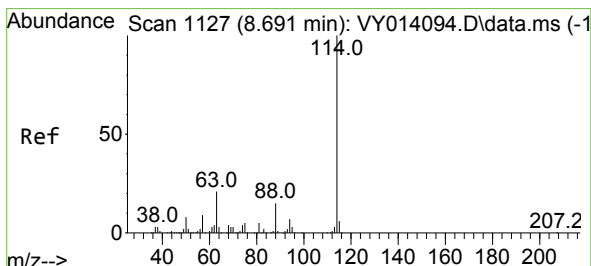
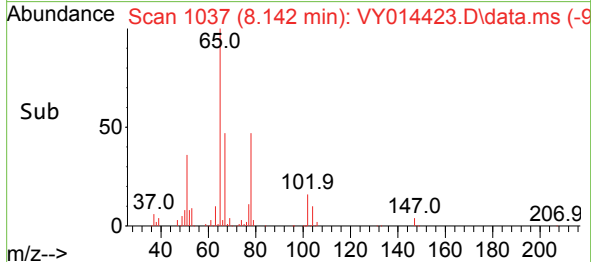
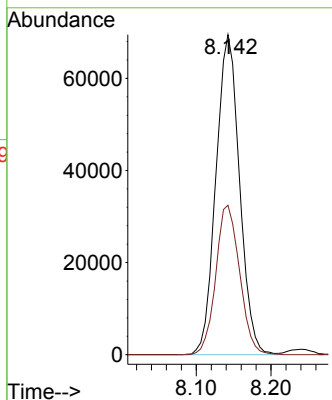
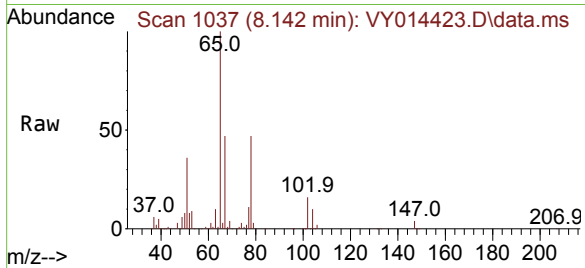




#33
 1,2-Dichloroethane-d4
 Concen: 53.844 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014423.D
 Acq: 26 Jun 2023 10:58

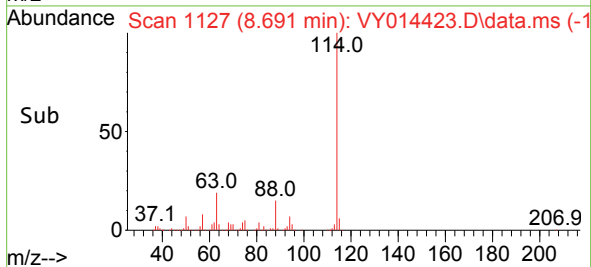
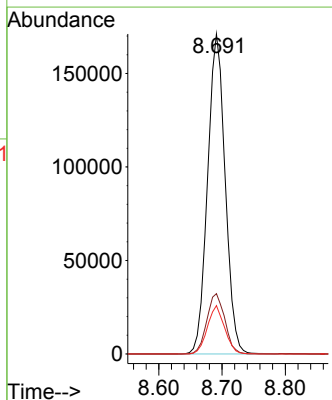
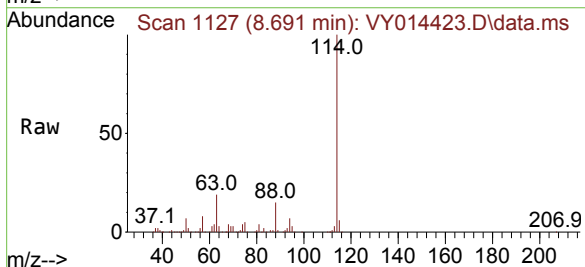
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0626SBS01

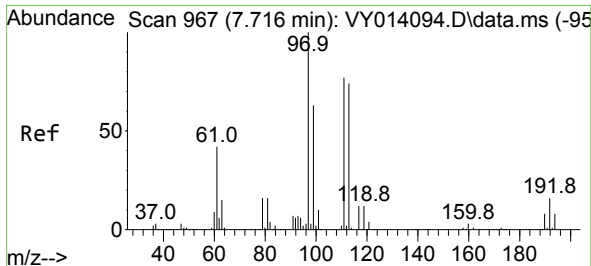
Tgt Ion: 65 Resp: 152789
 Ion Ratio Lower Upper
 65 100
 67 47.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014423.D
 Acq: 26 Jun 2023 10:58

Tgt Ion: 114 Resp: 330781
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.4
 88 15.1 0.0 30.6

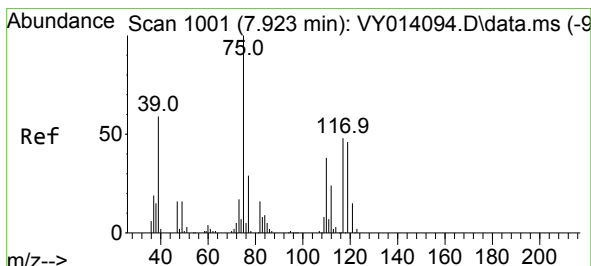
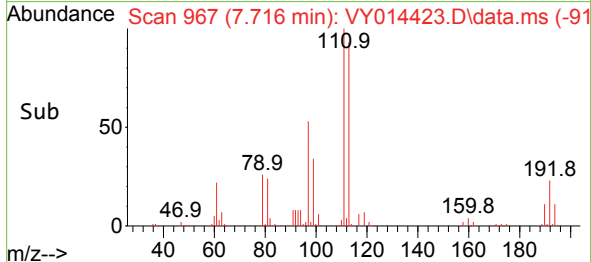
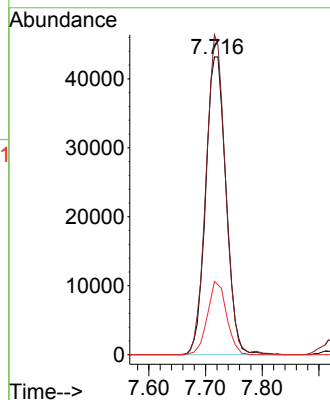
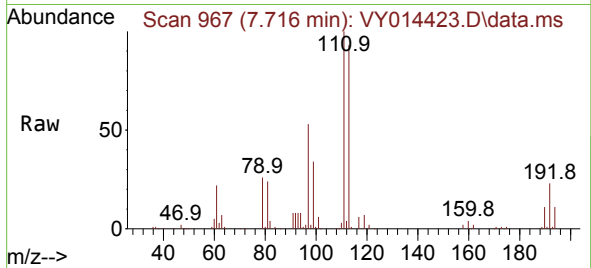




#35
Dibromofluoromethane
Concen: 52.683 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

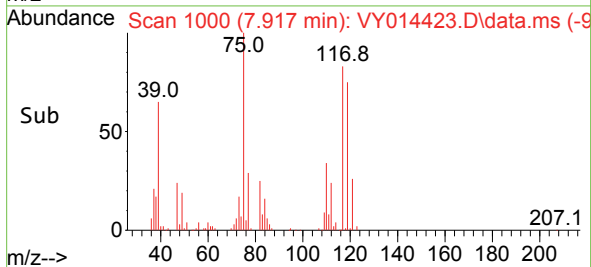
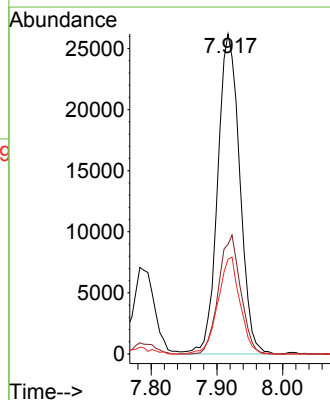
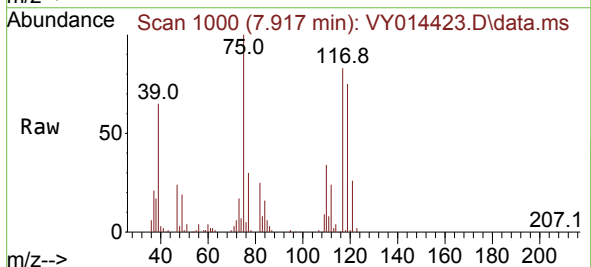
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

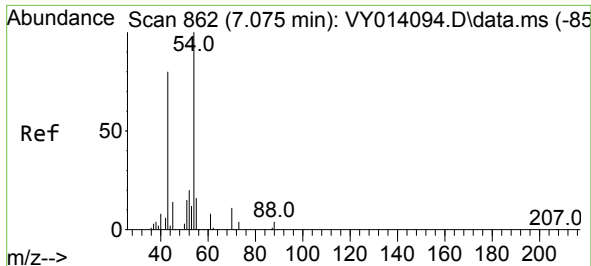
Tgt Ion:113 Resp: 107664
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 23.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.413 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 75 Resp: 61136
Ion Ratio Lower Upper
75 100
110 37.2 17.8 53.5
77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 17.710 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.001 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBS01

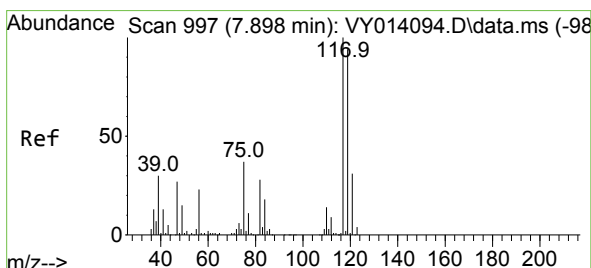
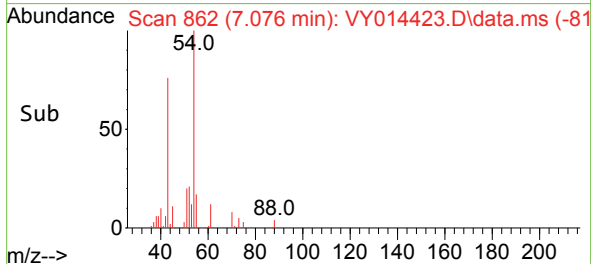
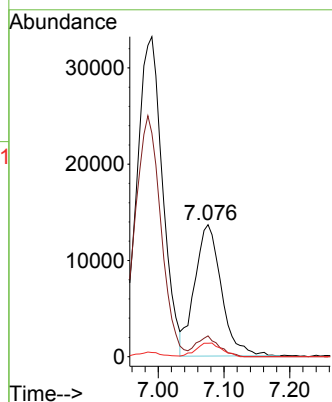
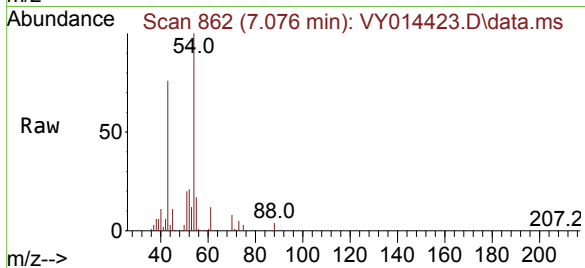
Tgt Ion: 43 Resp: 38438

Ion Ratio Lower Upper

43 100

61 13.2 10.1 15.1

70 9.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 21.137 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.007 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

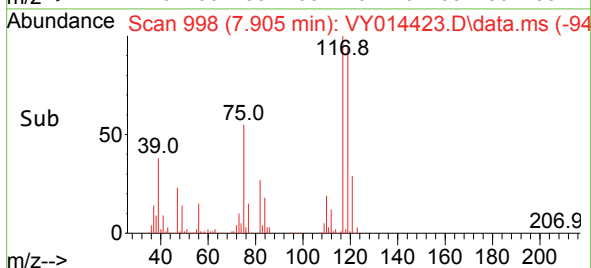
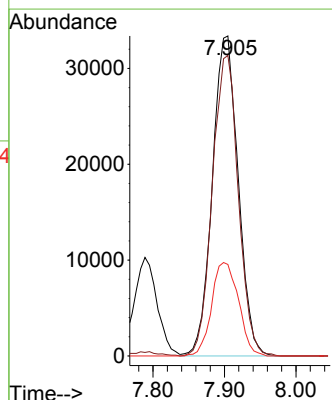
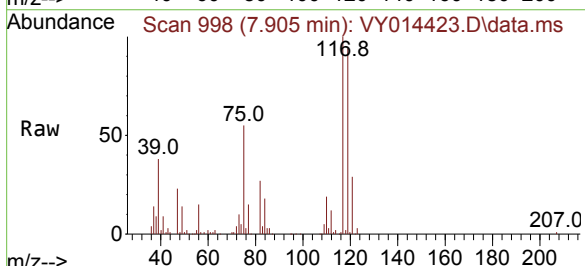
Tgt Ion: 117 Resp: 83769

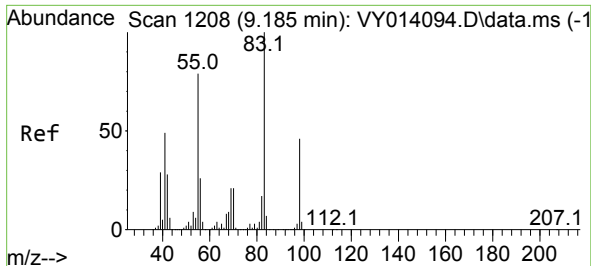
Ion Ratio Lower Upper

117 100

119 93.9 76.4 114.6

121 28.6 25.8 38.6





#39

Methylcyclohexane

Concen: 19.263 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBS01

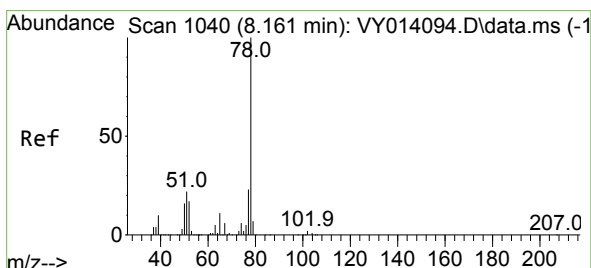
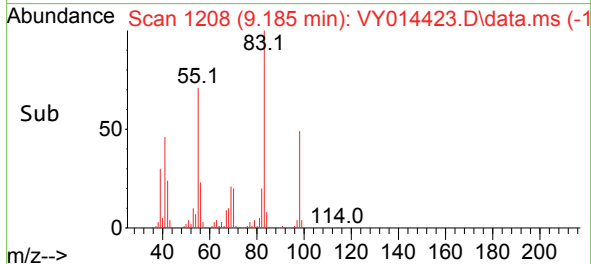
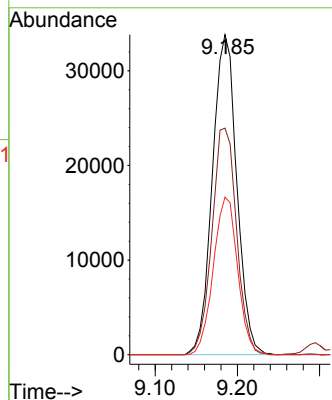
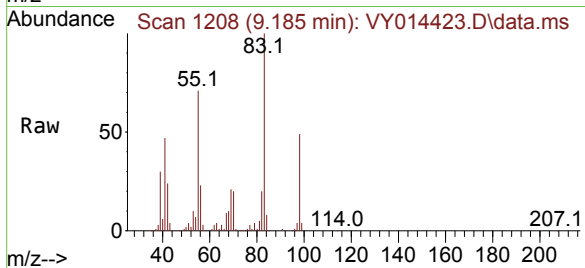
Tgt Ion: 83 Resp: 69796

Ion Ratio Lower Upper

83 100

55 70.8 63.0 94.4

98 49.2 37.4 56.2



#40

Benzene

Concen: 19.182 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014423.D

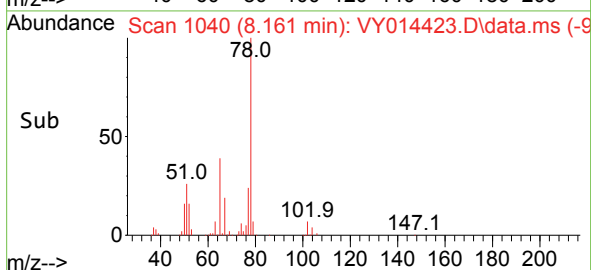
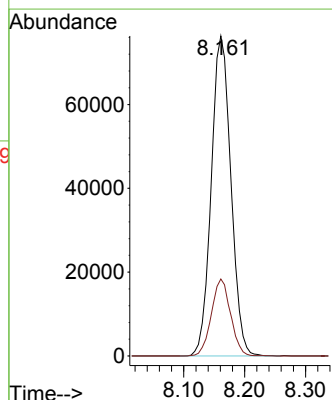
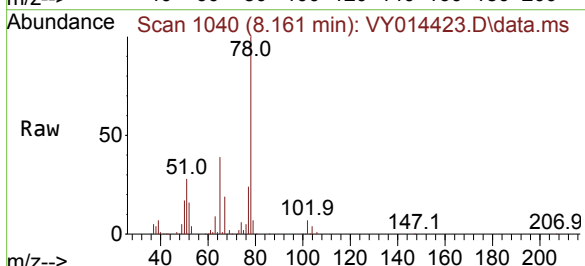
Acq: 26 Jun 2023 10:58

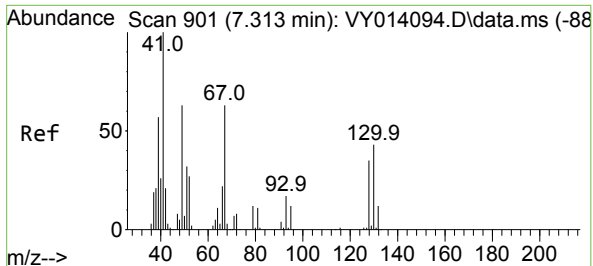
Tgt Ion: 78 Resp: 171099

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

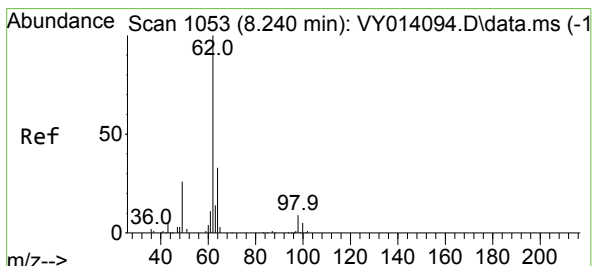
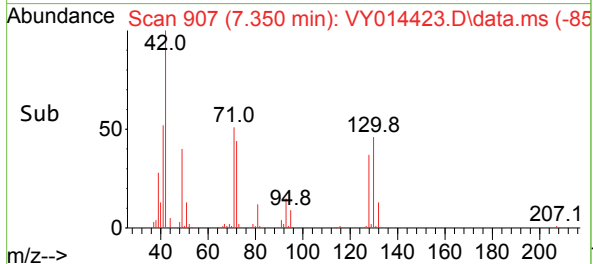
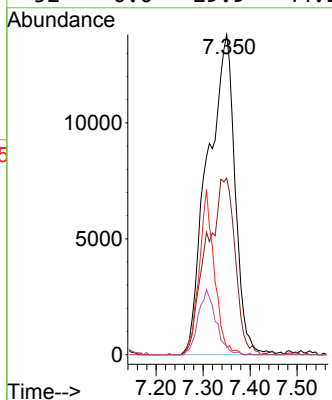
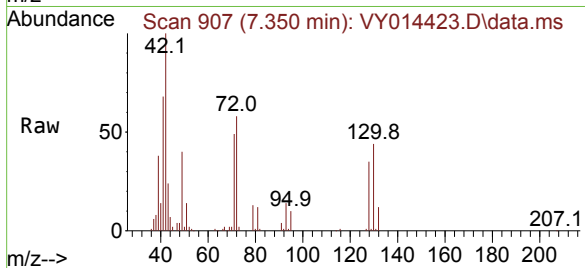




#41
Methacrylonitrile
Concen: 51.967 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

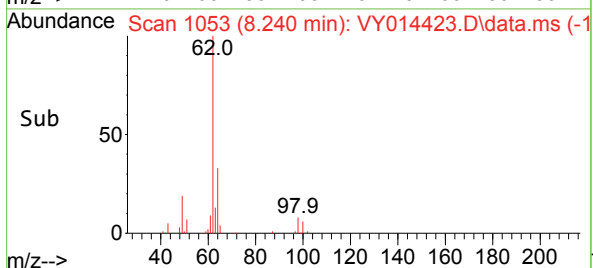
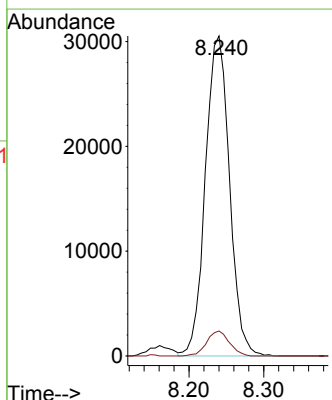
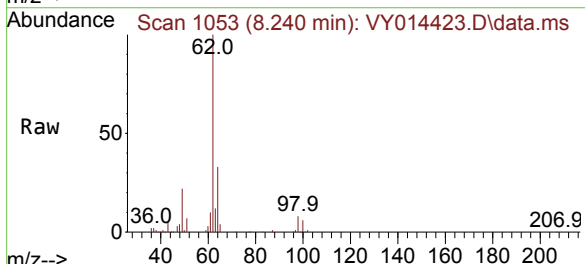
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

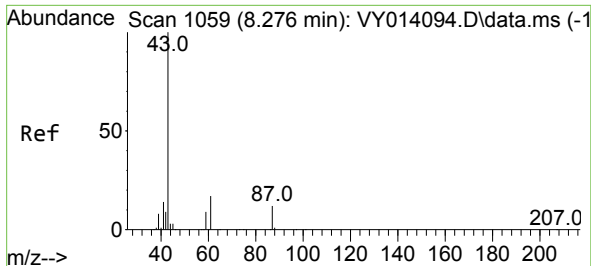
Tgt Ion: 41 Resp: 55895
Ion Ratio Lower Upper
41 100
39 57.5 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.257 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 62 Resp: 68504
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.8

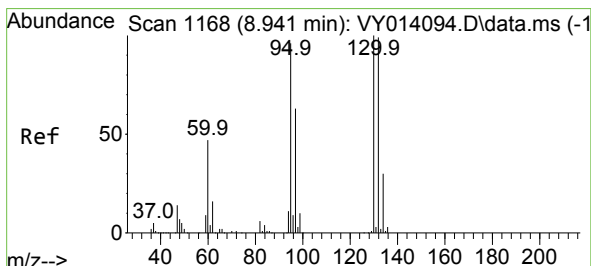
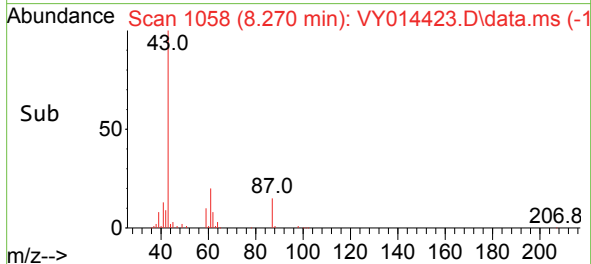
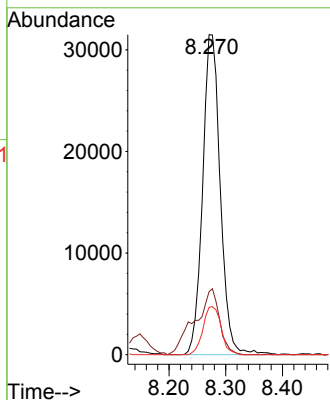
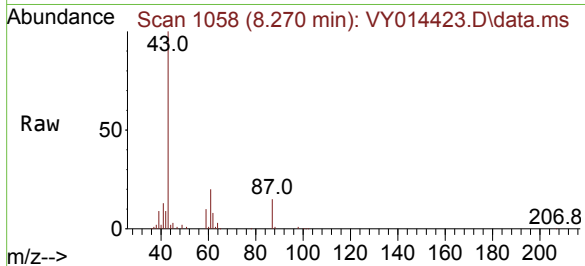




#43
Isopropyl Acetate
Concen: 17.767 ug/l
RT: 8.270 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

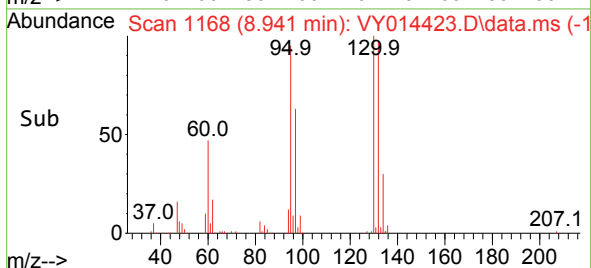
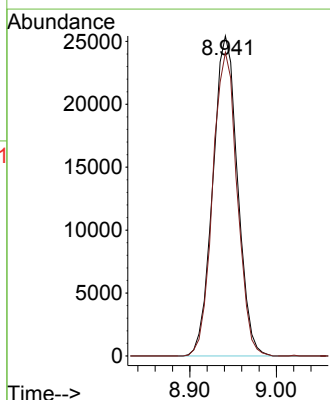
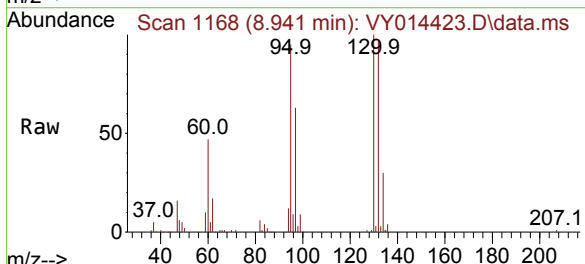
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

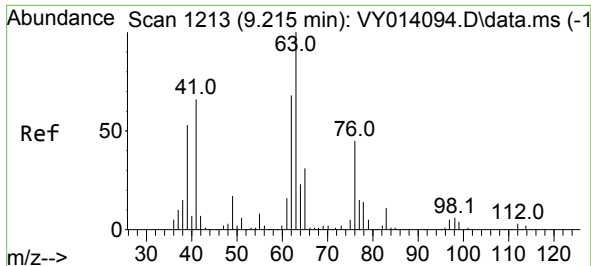
Tgt Ion: 43 Resp: 68089
Ion Ratio Lower Upper
43 100
61 28.6 21.1 31.7
87 15.4 9.8 14.8#



#44
Trichloroethene
Concen: 19.673 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion:130 Resp: 50379
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.0

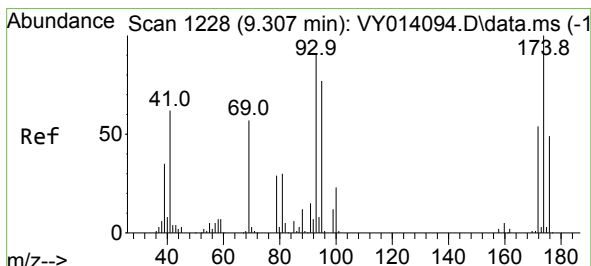
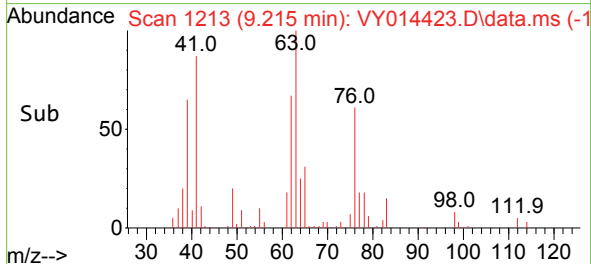
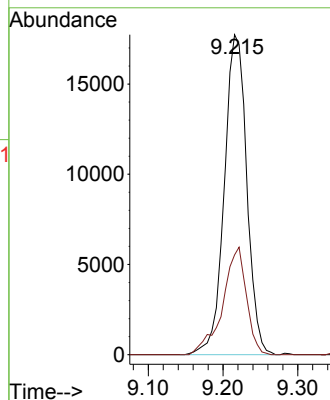
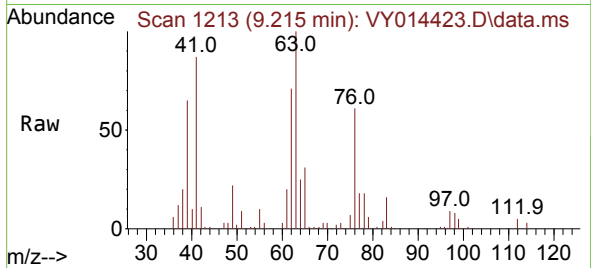




#45
1,2-Dichloropropane
Concen: 17.643 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

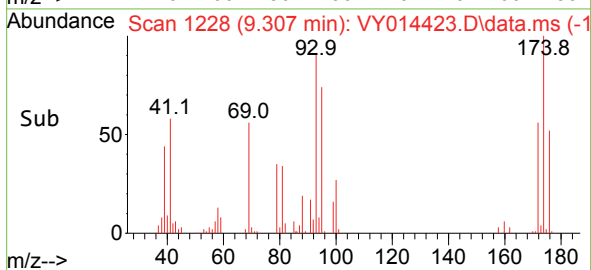
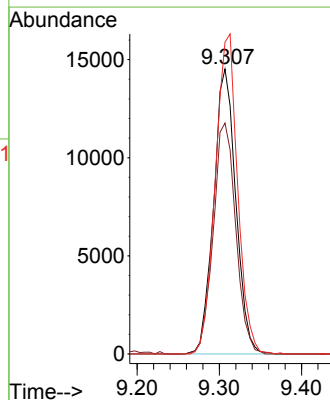
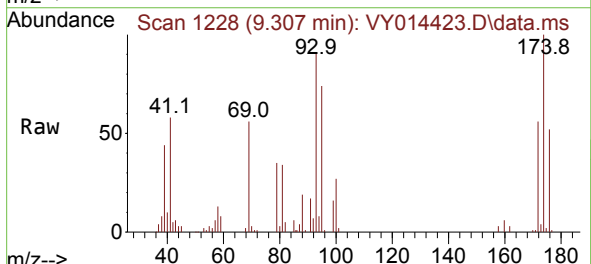
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

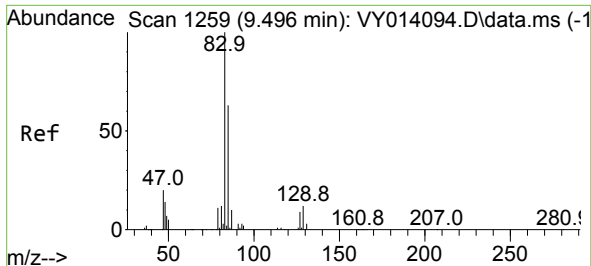
Tgt Ion: 63 Resp: 37105
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6



#46
Dibromomethane
Concen: 18.904 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 93 Resp: 27169
Ion Ratio Lower Upper
93 100
95 82.4 66.6 100.0
174 113.0 84.8 127.2

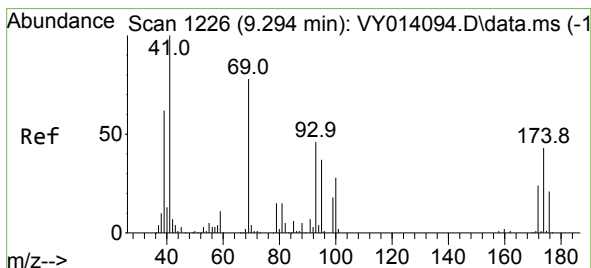
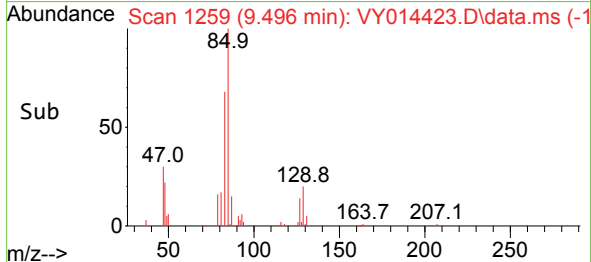
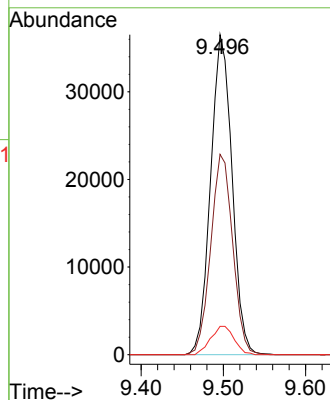
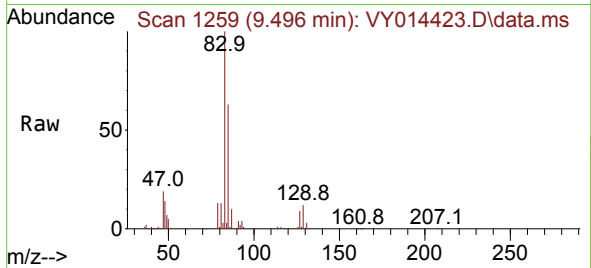




#47
Bromodichloromethane
Concen: 19.712 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

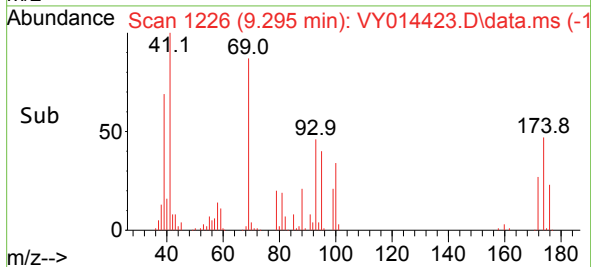
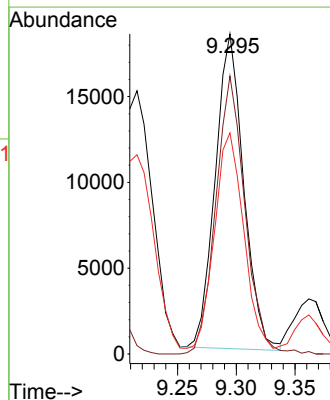
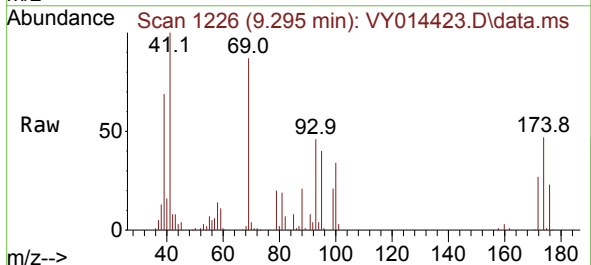
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

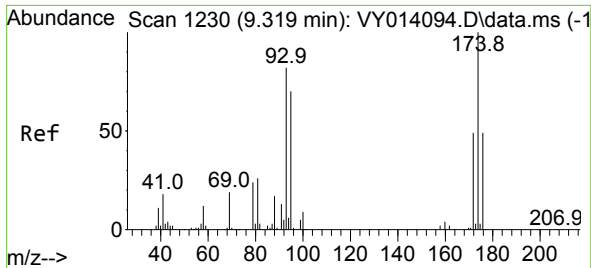
Tgt Ion: 83 Resp: 66030
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 17.335 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 41 Resp: 30854
Ion Ratio Lower Upper
41 100
69 90.8 64.5 96.7
39 70.2 50.8 76.2

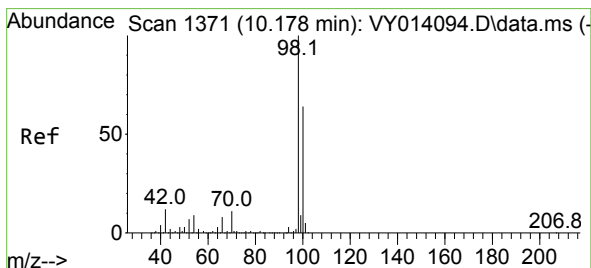
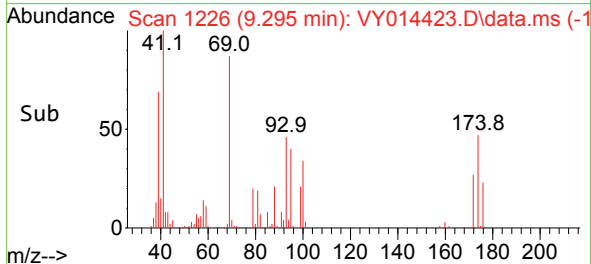
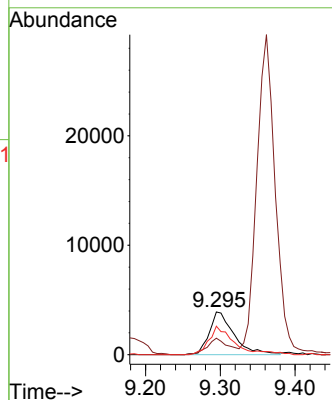
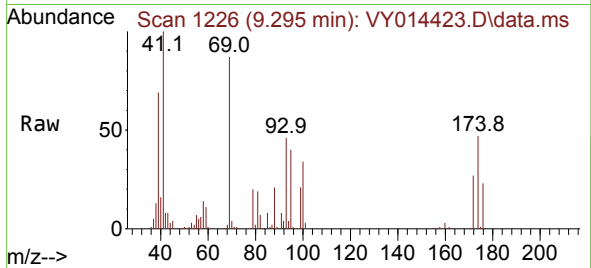




#49
1,4-Dioxane
Concen: 401.698 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.024 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

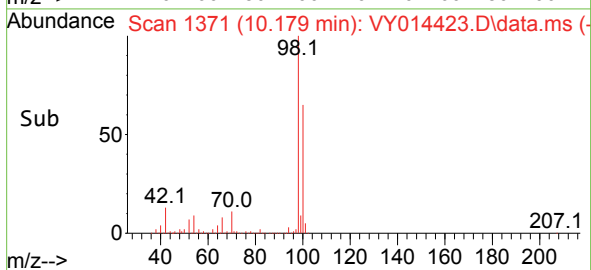
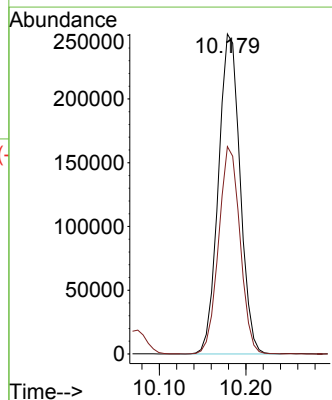
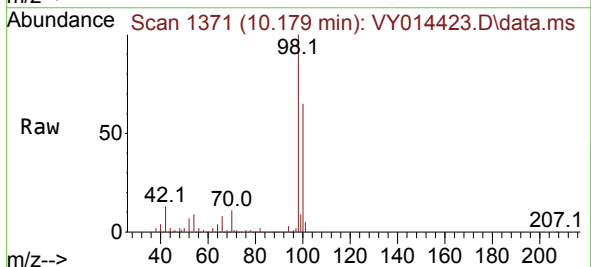
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

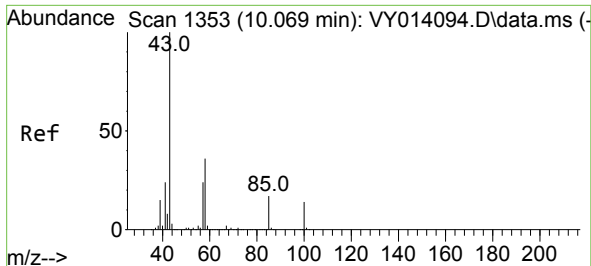
Tgt Ion: 88 Resp: 9027
Ion Ratio Lower Upper
88 100
43 33.7 0.0 0.0#
58 67.9 30.9 46.3#



#50
Toluene-d8
Concen: 53.620 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 98 Resp: 435593
Ion Ratio Lower Upper
98 100
100 64.1 50.1 75.1

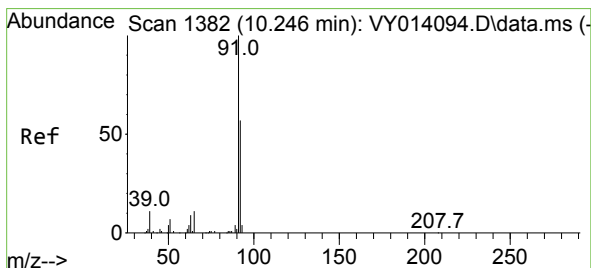
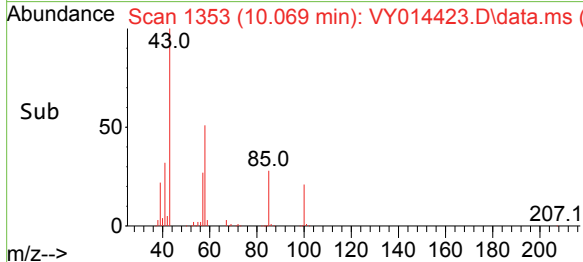
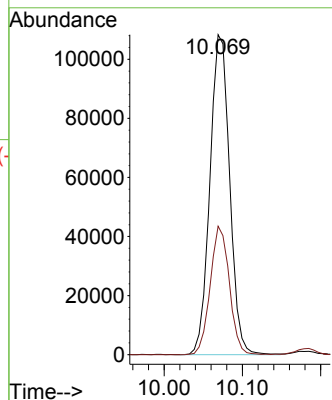
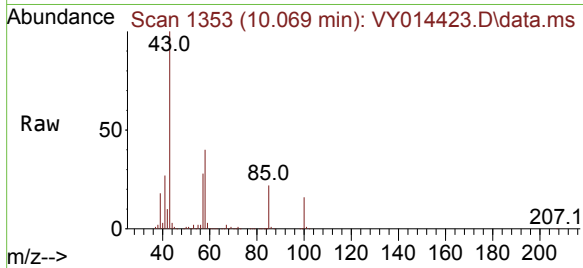




#51
4-Methyl-2-Pentanone
Concen: 87.618 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

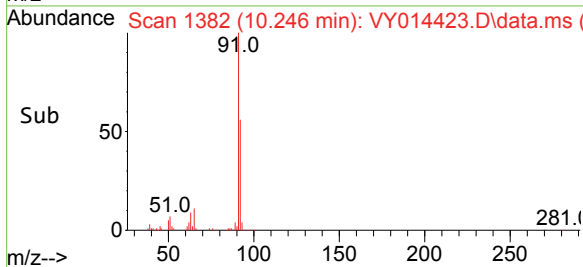
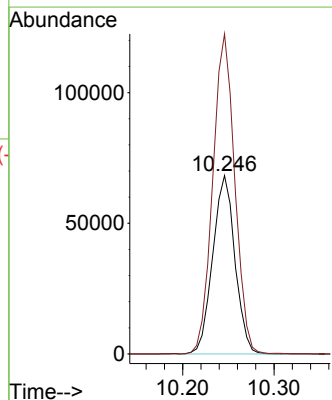
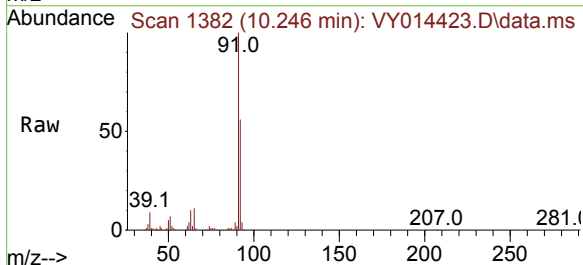
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

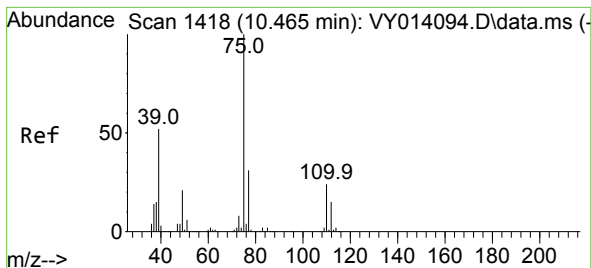
Tgt Ion: 43 Resp: 189511
Ion Ratio Lower Upper
43 100
58 38.9 29.0 43.6



#52
Toluene
Concen: 20.061 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 92 Resp: 115131
Ion Ratio Lower Upper
92 100
91 177.8 143.8 215.6

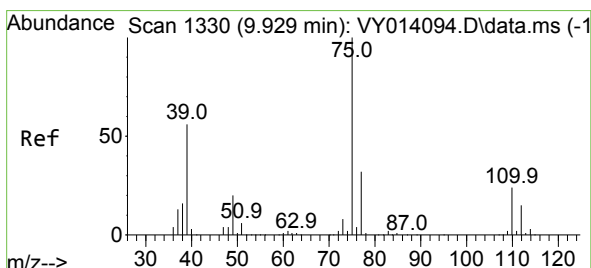
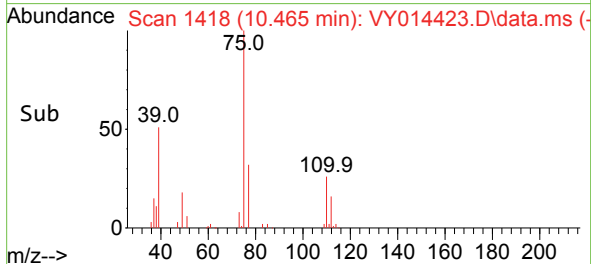
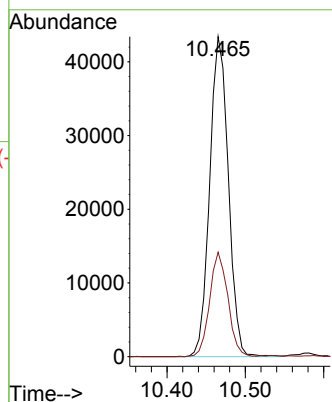
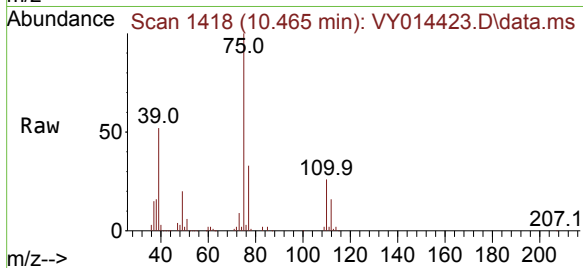




#53
 t-1,3-Dichloropropene
 Concen: 19.748 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014423.D
 Acq: 26 Jun 2023 10:58

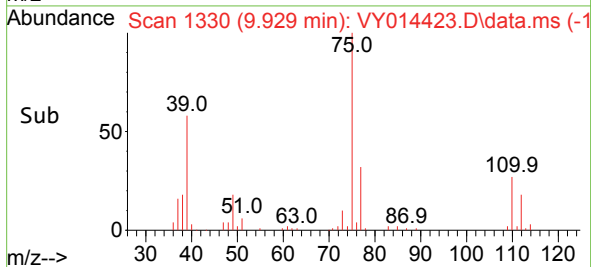
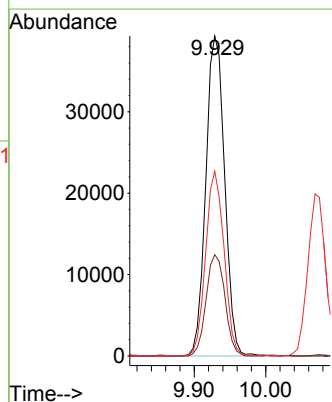
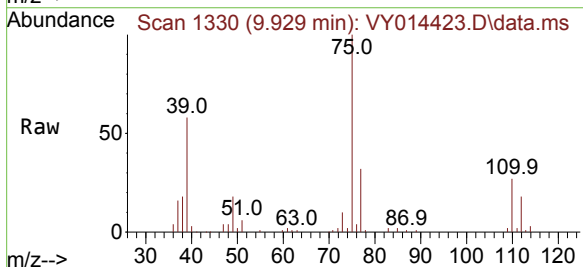
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0626SBS01

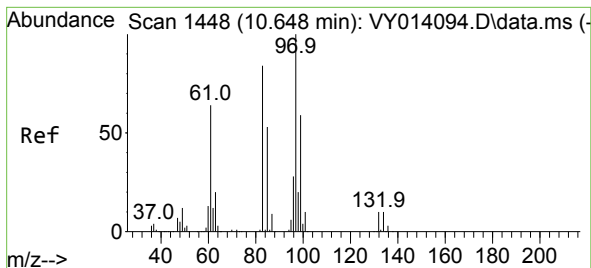
Tgt Ion: 75 Resp: 71720
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.198 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014423.D
 Acq: 26 Jun 2023 10:58

Tgt Ion: 75 Resp: 71918
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 57.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 19.702 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBS01

Tgt Ion: 97 Resp: 37916

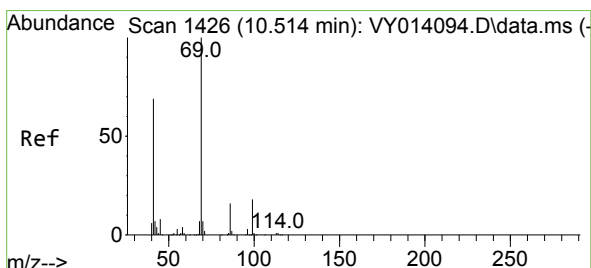
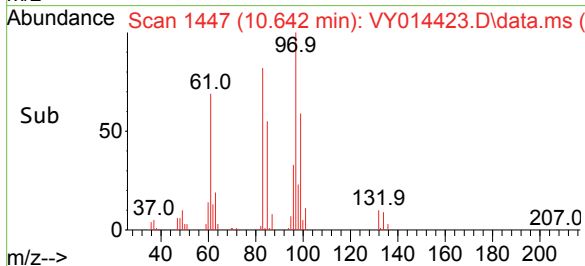
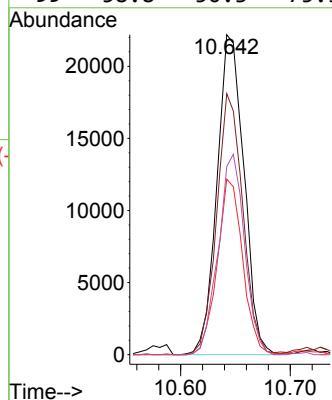
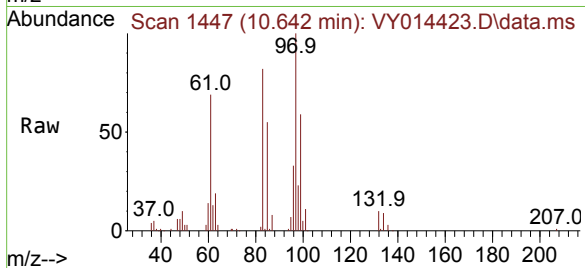
Ion Ratio Lower Upper

97 100

83 81.5 72.0 108.0

85 54.8 45.4 68.0

99 58.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.095 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

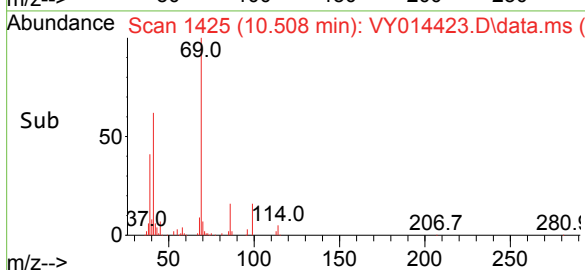
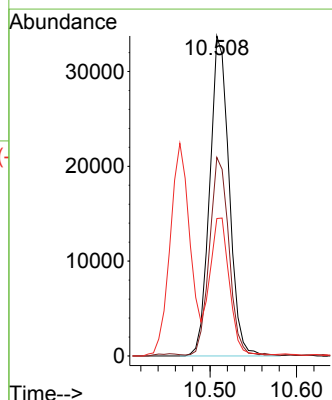
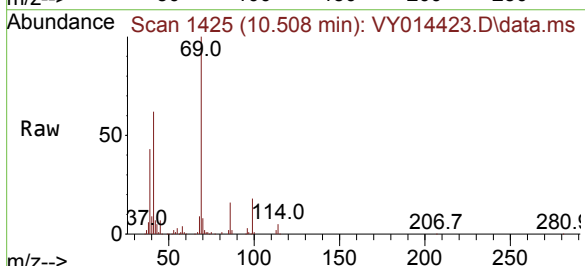
Tgt Ion: 69 Resp: 52483

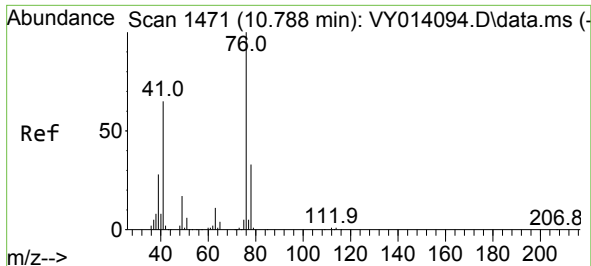
Ion Ratio Lower Upper

69 100

41 62.0 57.6 86.4

39 42.8 34.1 51.1





#57

1,3-Dichloropropane

Concen: 19.132 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

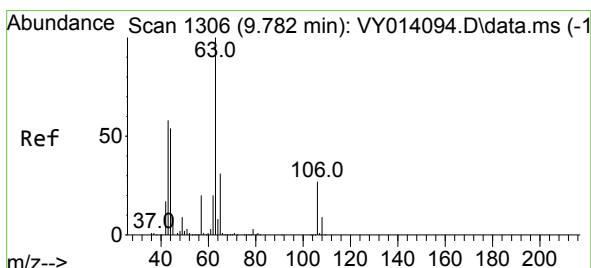
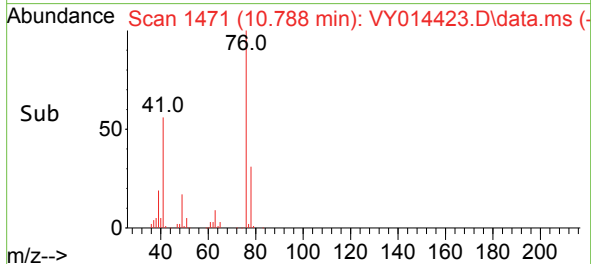
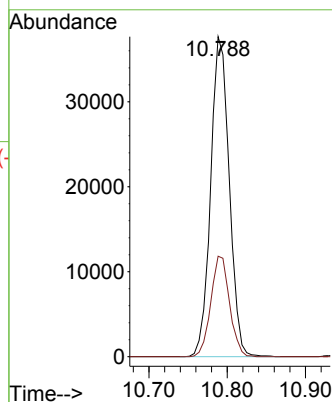
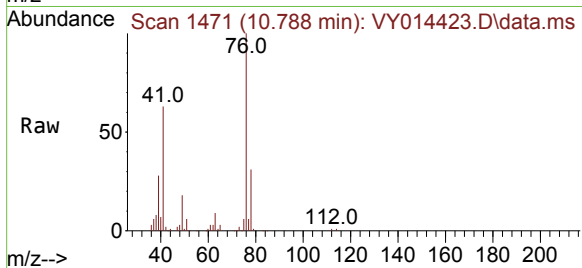
VY0626SBS01

Tgt Ion: 76 Resp: 61932

Ion Ratio Lower Upper

76 100

78 31.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 101.221 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014423.D

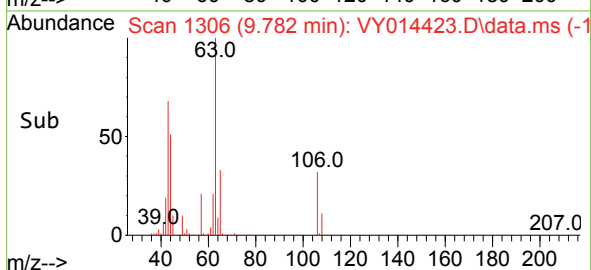
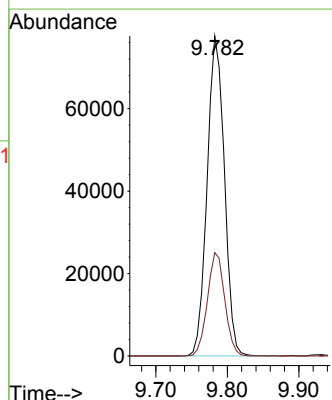
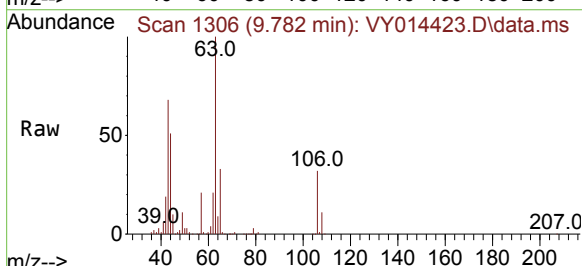
Acq: 26 Jun 2023 10:58

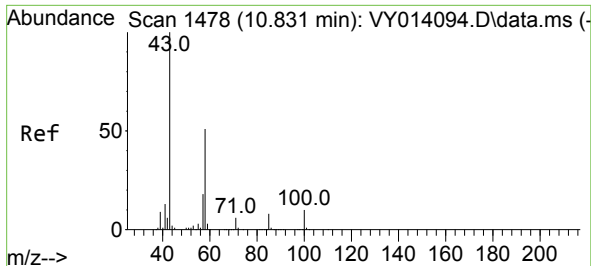
Tgt Ion: 63 Resp: 130315

Ion Ratio Lower Upper

63 100

106 32.4 21.2 31.8#

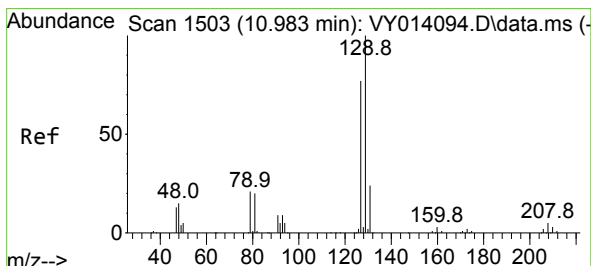
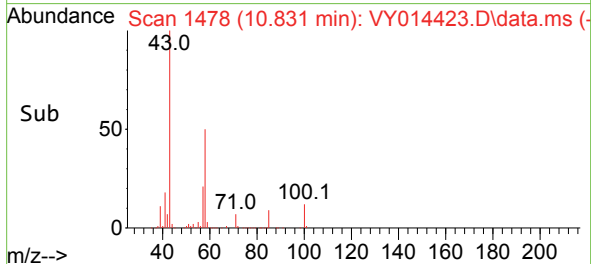
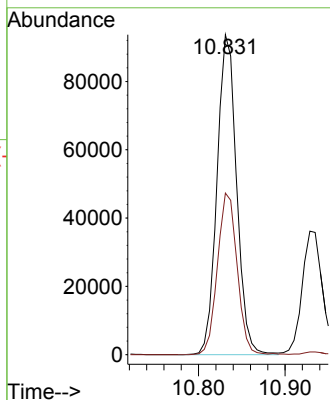
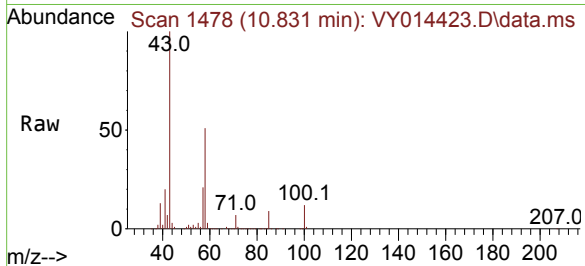




#59
2-Hexanone
Concen: 90.323 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

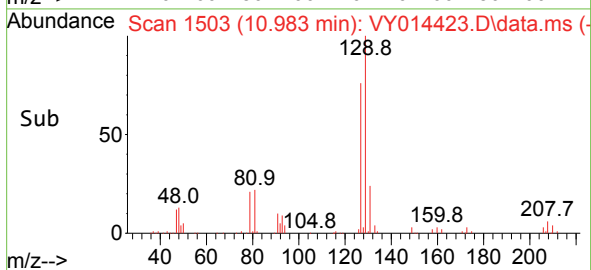
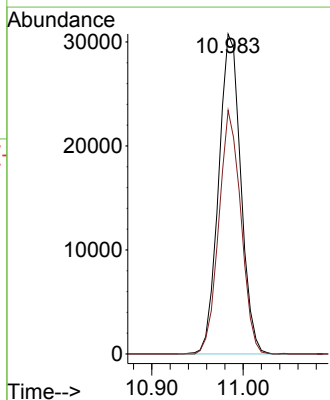
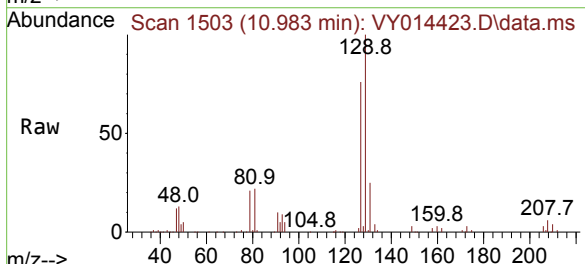
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

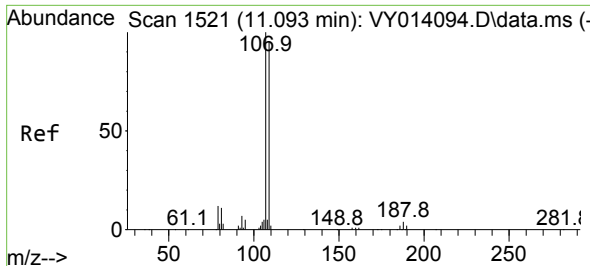
Tgt Ion: 43 Resp: 147211
Ion Ratio Lower Upper
43 100
58 50.9 25.1 75.3



#60
Dibromochloromethane
Concen: 20.328 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 129 Resp: 51897
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.5

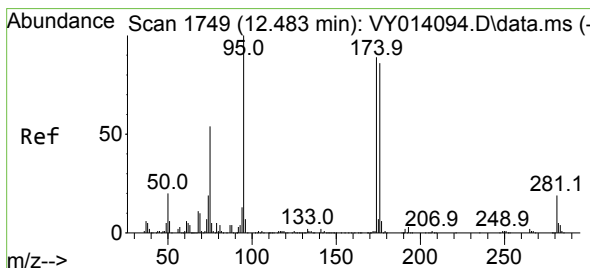
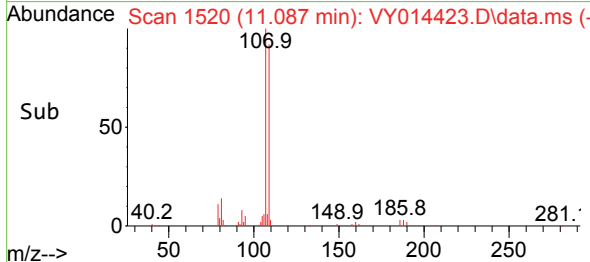
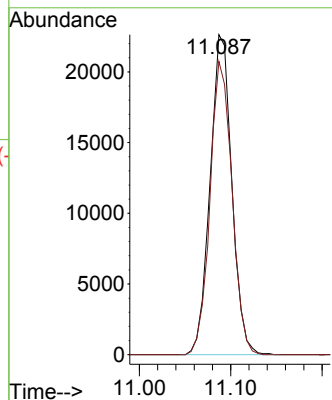
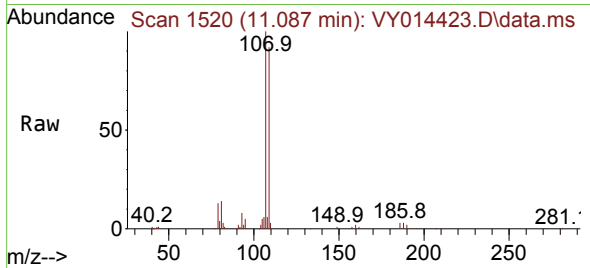




#61
1,2-Dibromoethane
Concen: 19.528 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

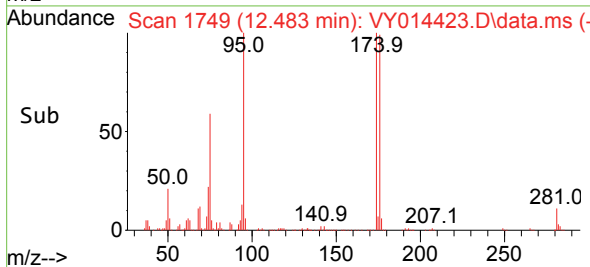
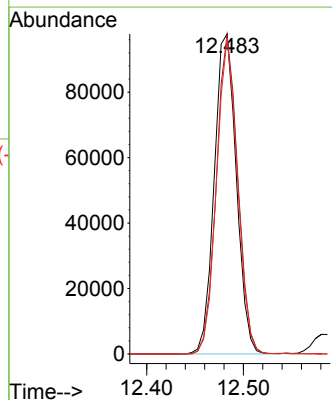
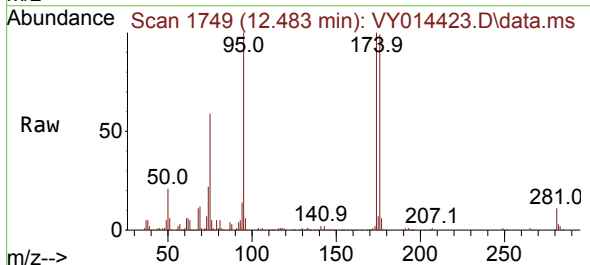
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

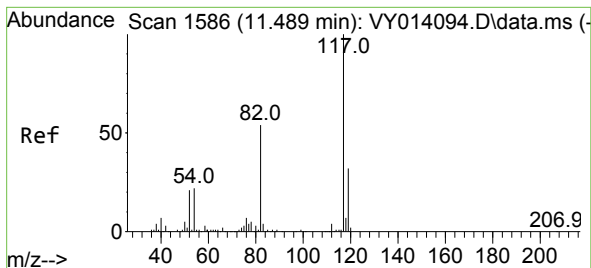
Tgt Ion:107 Resp: 37419
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.349 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 95 Resp: 154722
Ion Ratio Lower Upper
95 100
174 96.6 0.0 178.2
176 93.5 0.0 173.8

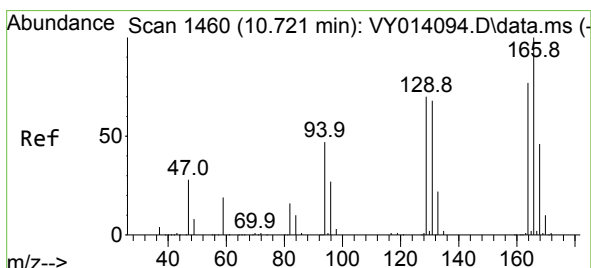
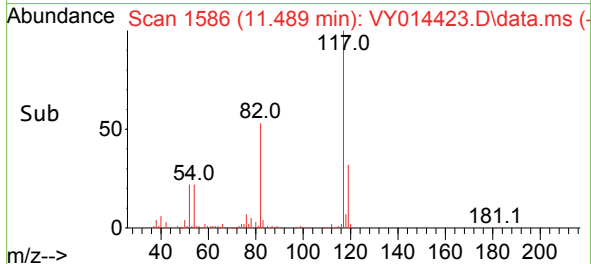
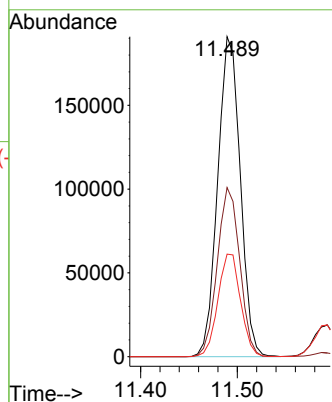
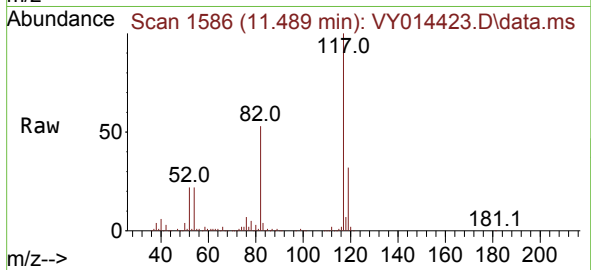




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

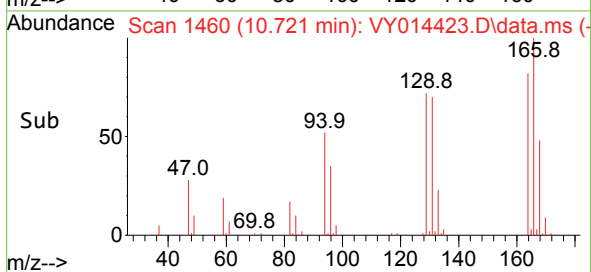
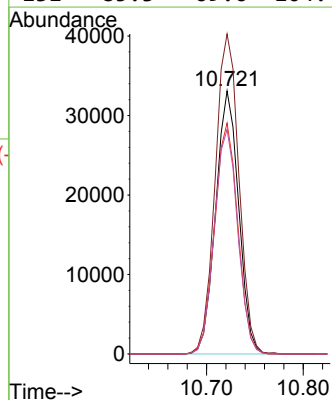
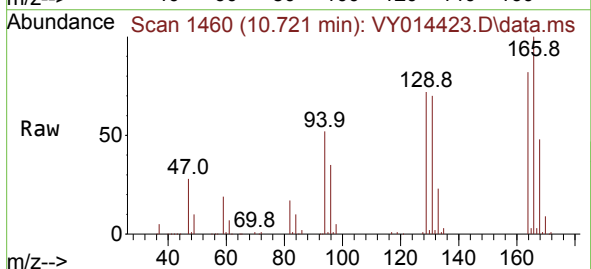
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

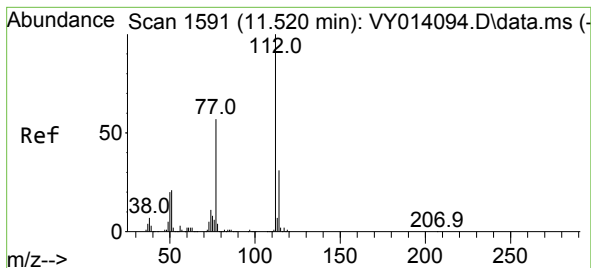
Tgt Ion:117 Resp: 309179
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 20.725 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion:164 Resp: 54528
Ion Ratio Lower Upper
164 100
166 121.7 103.0 154.6
129 87.8 77.2 115.8
131 85.3 69.6 104.4





#65

Chlorobenzene

Concen: 19.857 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

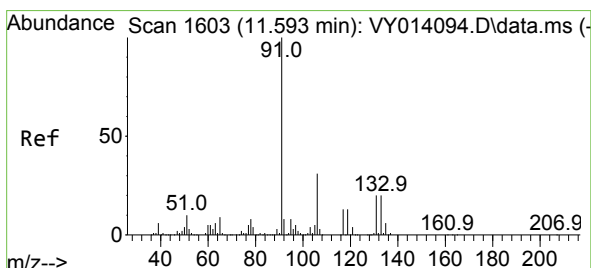
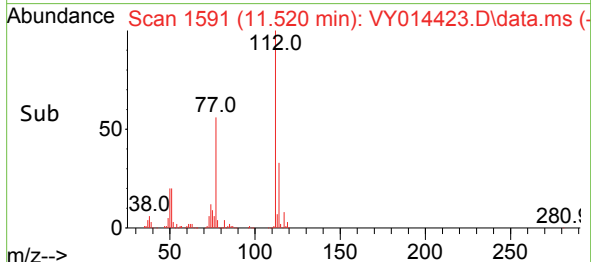
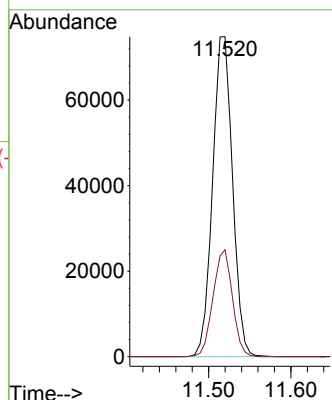
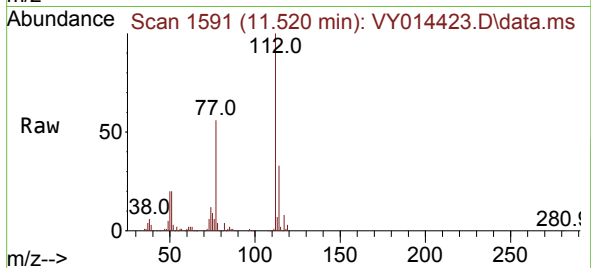
VY0626SBS01

Tgt Ion:112 Resp: 126129

Ion Ratio Lower Upper

112 100

114 33.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.077 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

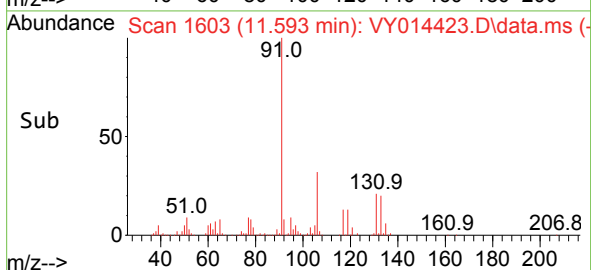
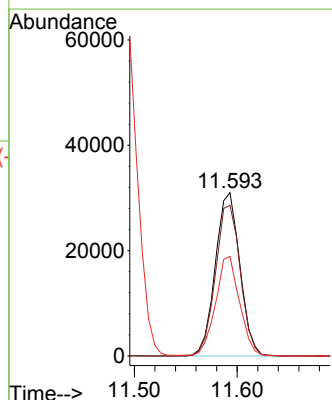
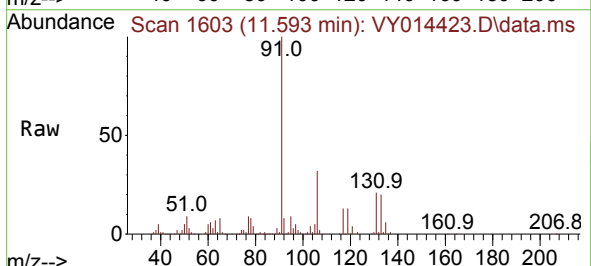
Tgt Ion:131 Resp: 51370

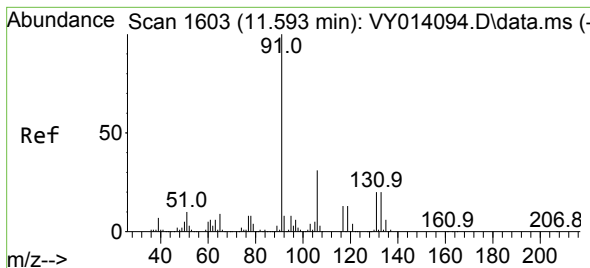
Ion Ratio Lower Upper

131 100

133 93.5 47.5 142.6

119 59.9 31.6 94.7





#67

Ethyl Benzene

Concen: 19.708 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

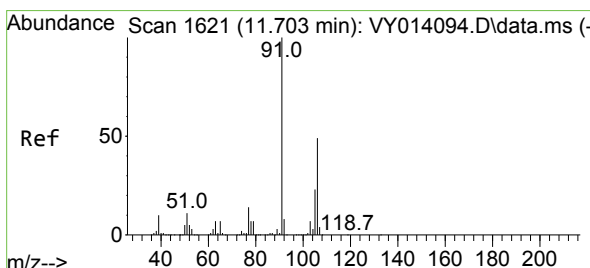
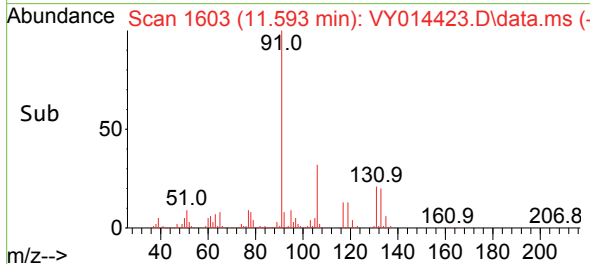
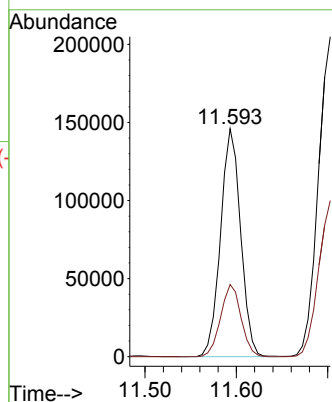
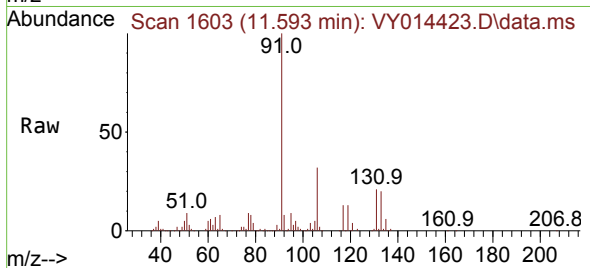
VY0626SBS01

Tgt Ion: 91 Resp: 222907

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 40.180 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014423.D

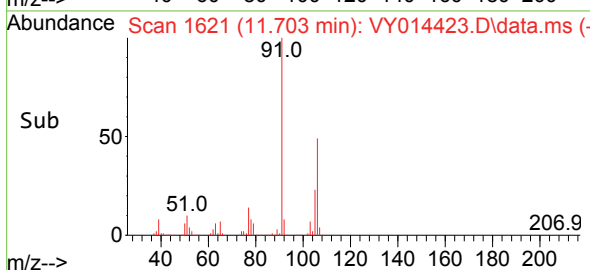
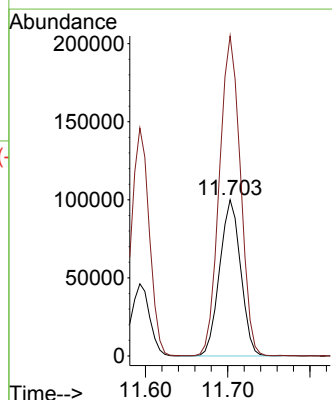
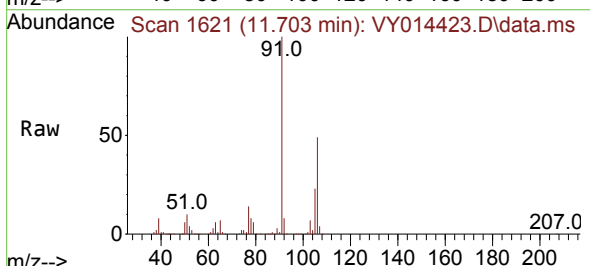
Acq: 26 Jun 2023 10:58

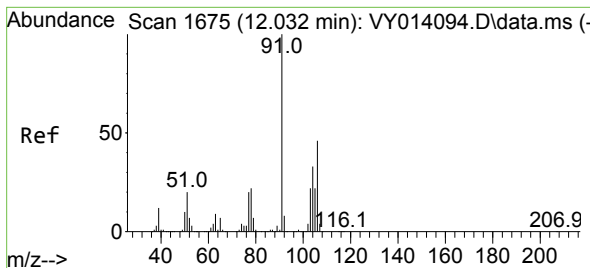
Tgt Ion: 106 Resp: 177503

Ion Ratio Lower Upper

106 100

91 205.0 166.1 249.1

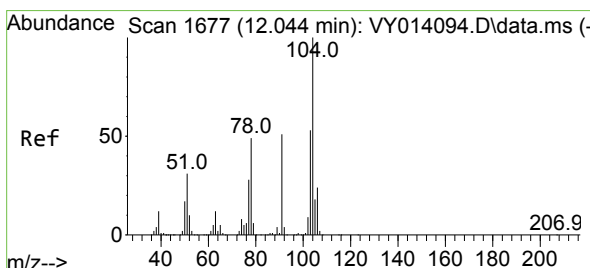
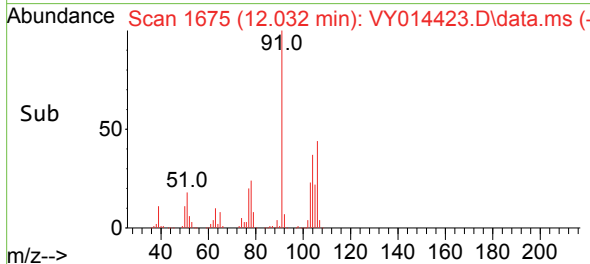
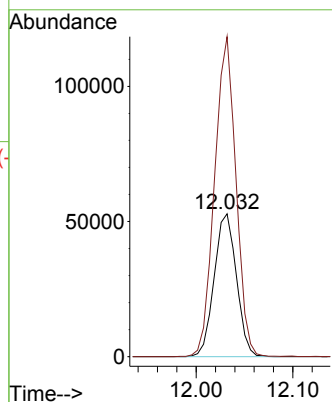
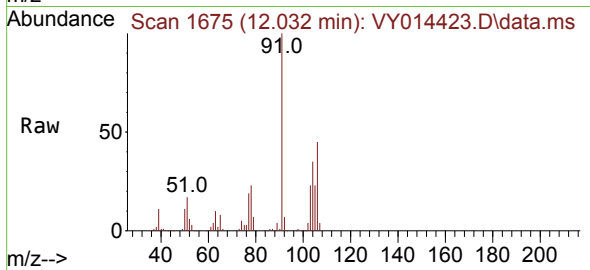




#69
o-Xylene
Concen: 20.066 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

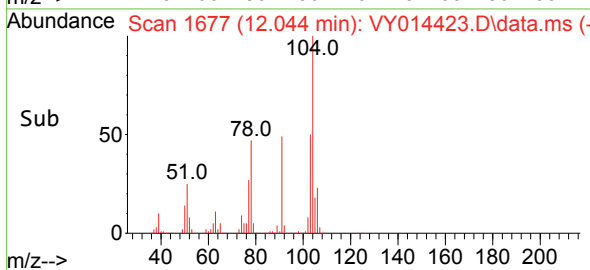
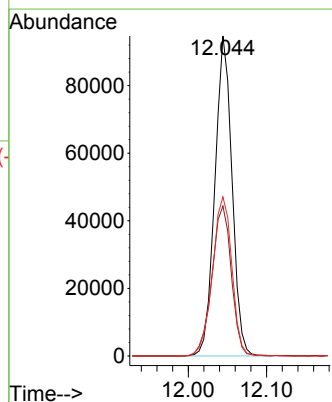
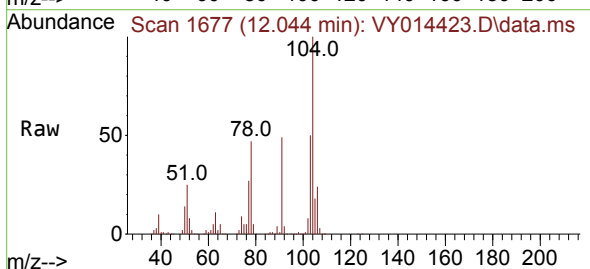
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

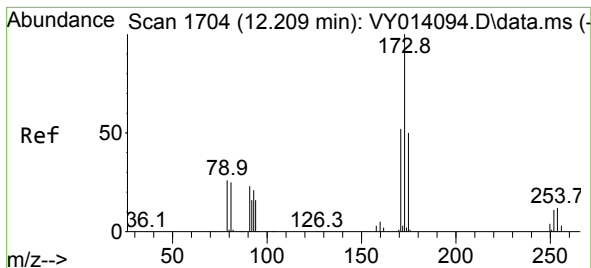
Tgt Ion:106 Resp: 84352
Ion Ratio Lower Upper
106 100
91 215.8 108.1 324.3



#70
Styrene
Concen: 19.987 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion:104 Resp: 144004
Ion Ratio Lower Upper
104 100
78 53.1 41.5 62.3
103 56.0 44.6 67.0





#71

Bromoform

Concen: 20.496 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBS01

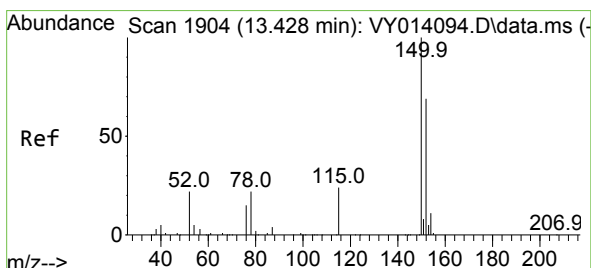
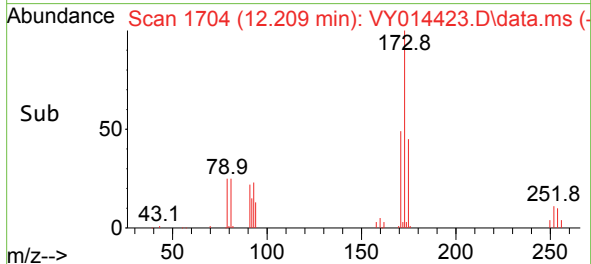
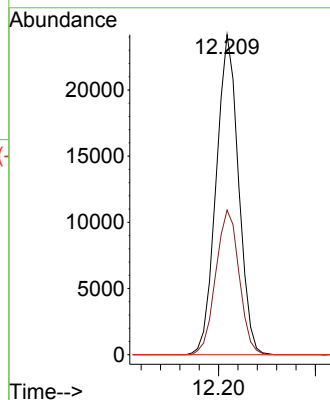
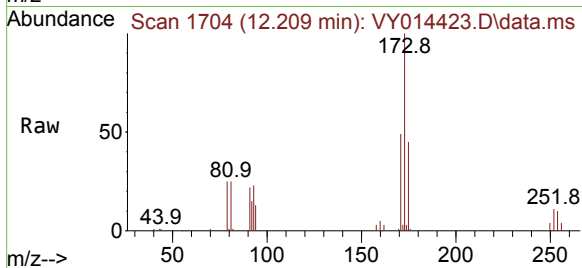
Tgt Ion:173 Resp: 38757

Ion Ratio Lower Upper

173 100

175 47.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

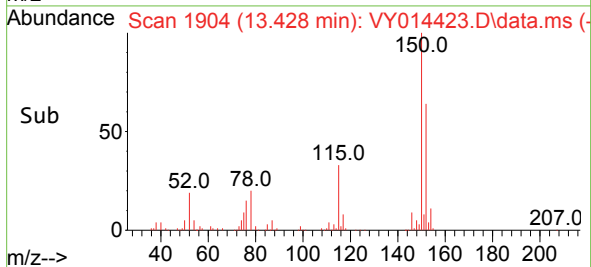
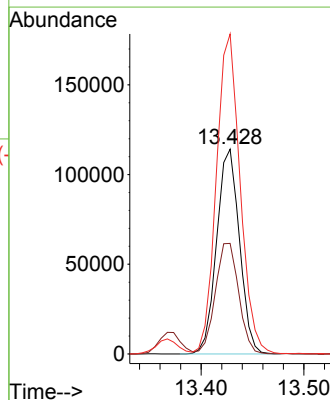
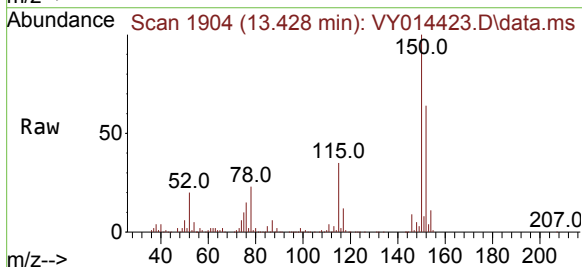
Tgt Ion:152 Resp: 175697

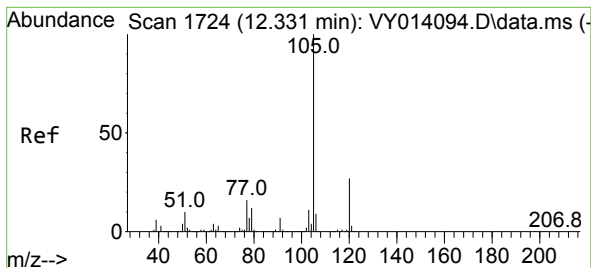
Ion Ratio Lower Upper

152 100

115 55.4 28.8 86.5

150 162.6 0.0 348.8





#73

Isopropylbenzene

Concen: 19.106 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

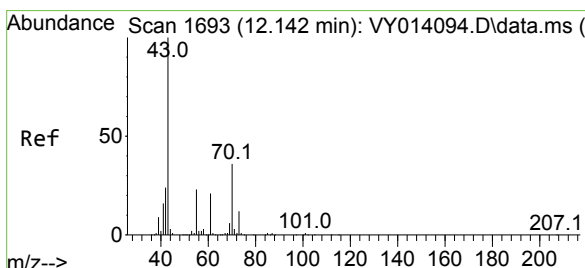
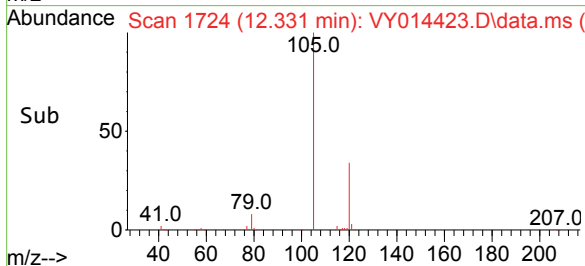
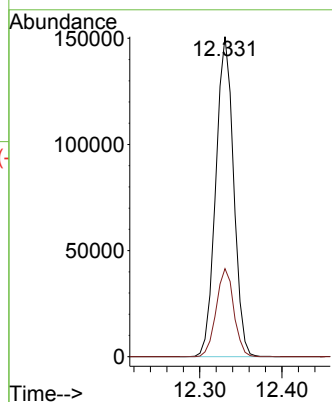
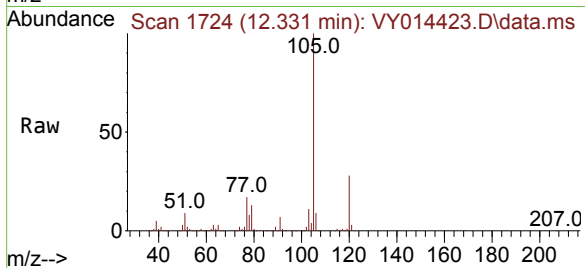
VY0626SBS01

Tgt Ion:105 Resp: 226035

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 16.743 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Tgt Ion: 43 Resp: 62732

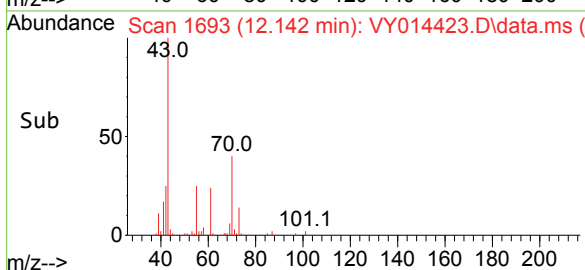
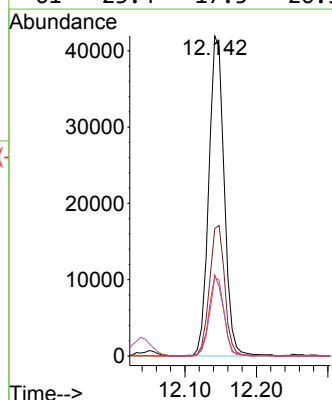
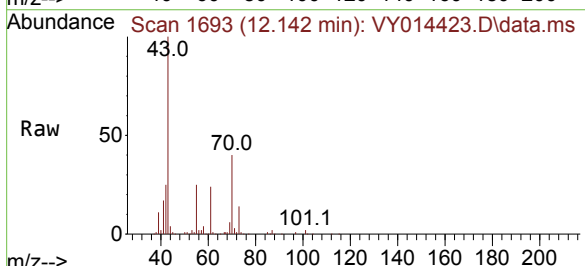
Ion Ratio Lower Upper

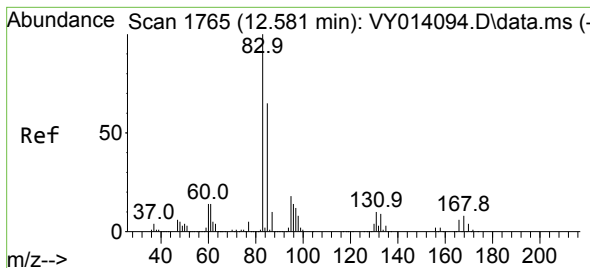
43 100

70 40.7 29.7 44.5

55 23.7 18.3 27.5

61 23.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.687 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBS01

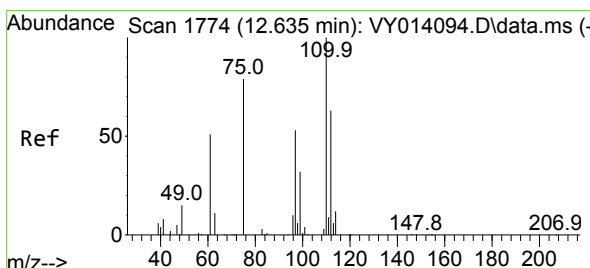
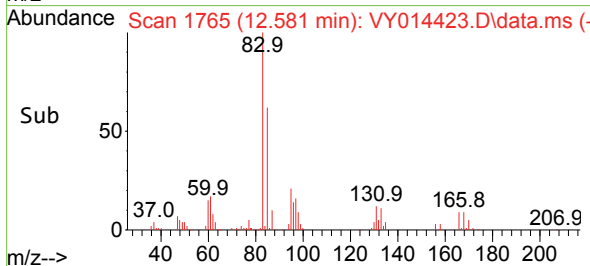
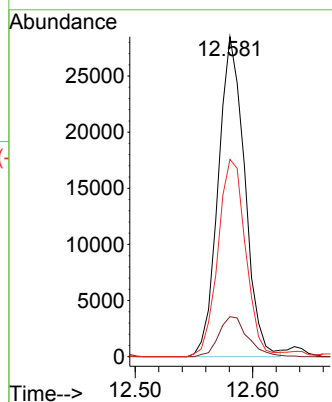
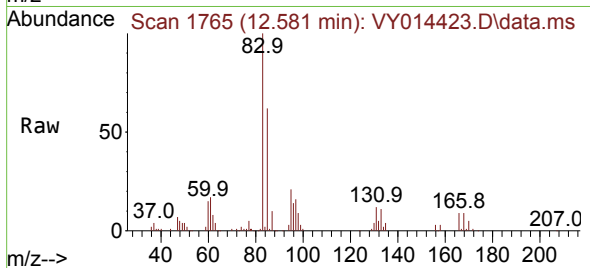
Tgt Ion: 83 Resp: 44719

Ion Ratio Lower Upper

83 100

131 13.7 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 30.288 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.001 min

Lab File: VY014423.D

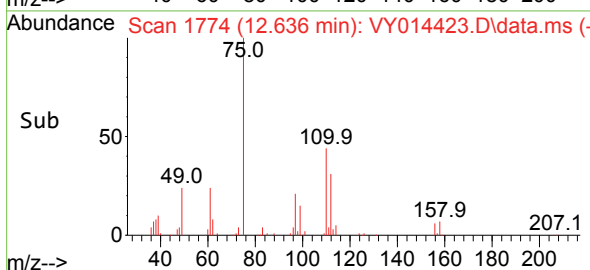
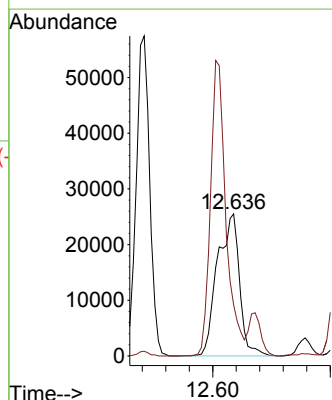
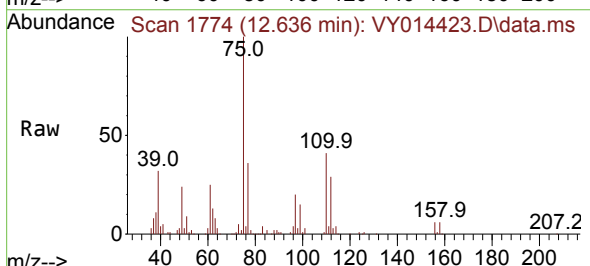
Acq: 26 Jun 2023 10:58

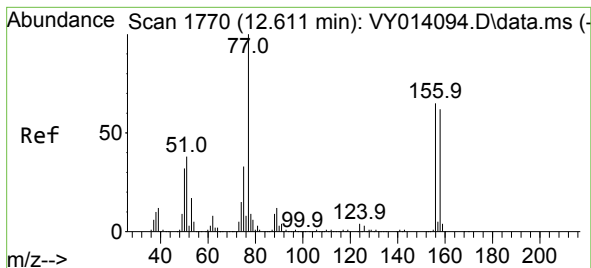
Tgt Ion: 75 Resp: 66754

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.103 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBS01

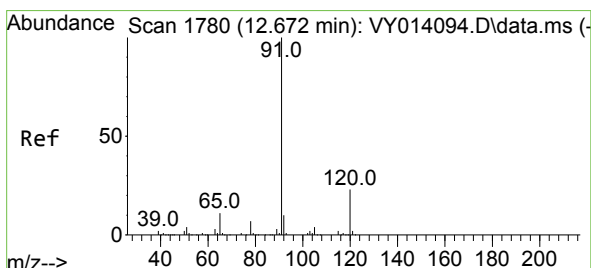
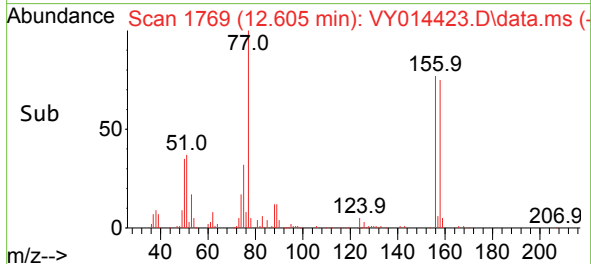
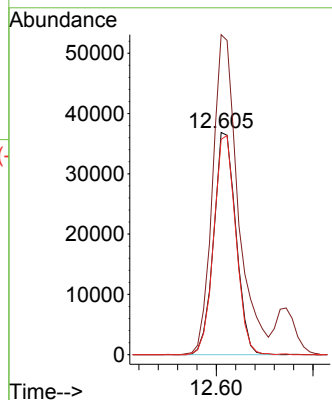
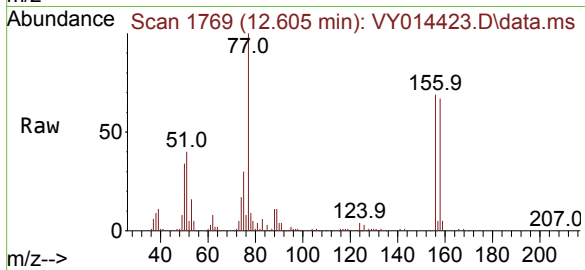
Tgt Ion:156 Resp: 58761

Ion Ratio Lower Upper

156 100

77 165.6 92.8 278.6

158 98.2 48.4 145.3



#78

n-propylbenzene

Concen: 18.953 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014423.D

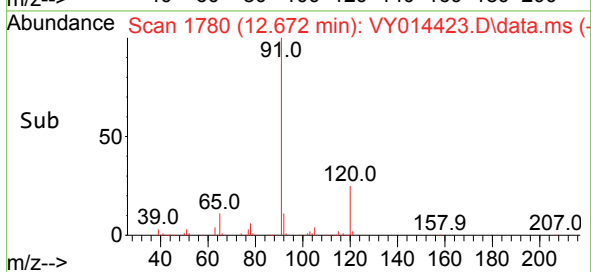
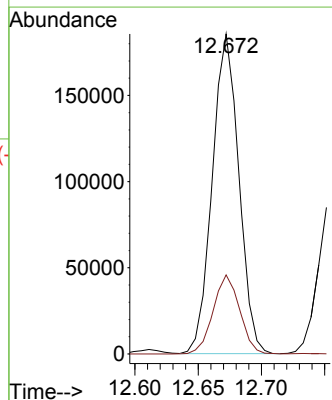
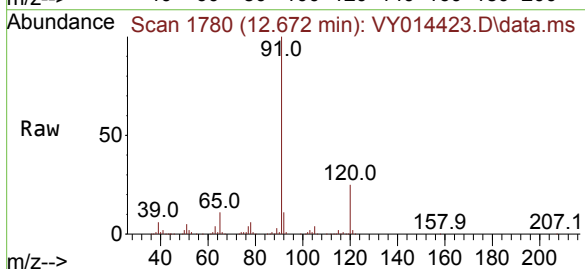
Acq: 26 Jun 2023 10:58

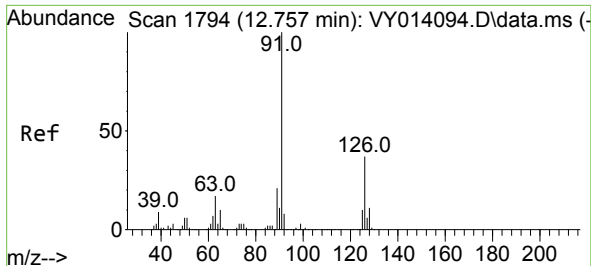
Tgt Ion: 91 Resp: 270524

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.927 ug/l

RT: 12.757 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

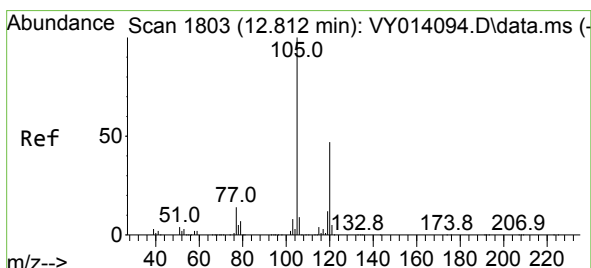
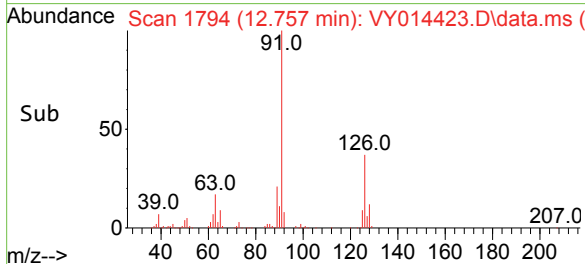
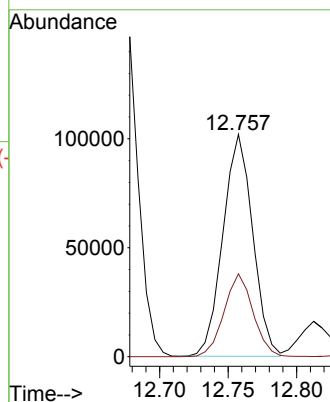
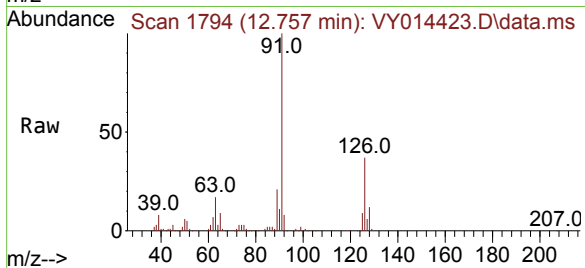
VY0626SBS01

Tgt Ion: 91 Resp: 154281

Ion Ratio Lower Upper

91 100

126 36.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.523 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014423.D

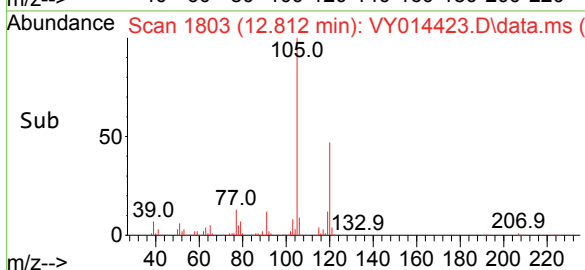
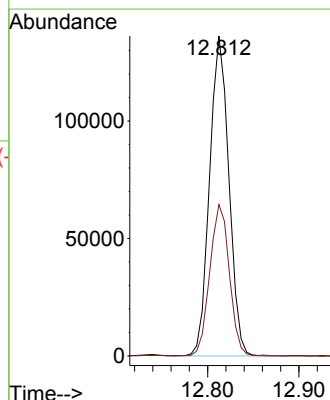
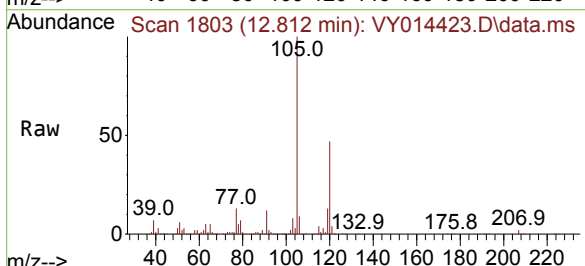
Acq: 26 Jun 2023 10:58

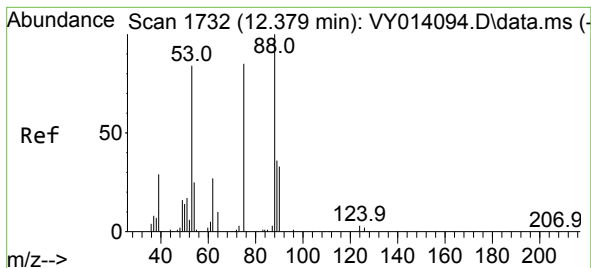
Tgt Ion: 105 Resp: 199798

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7

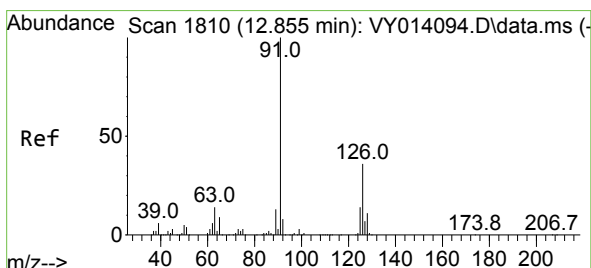
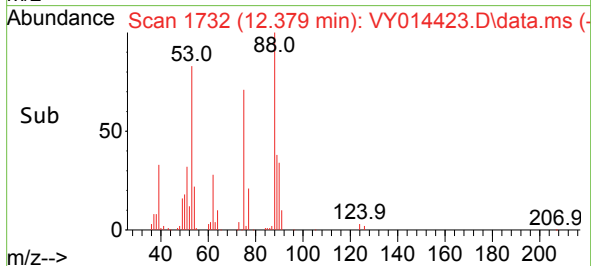
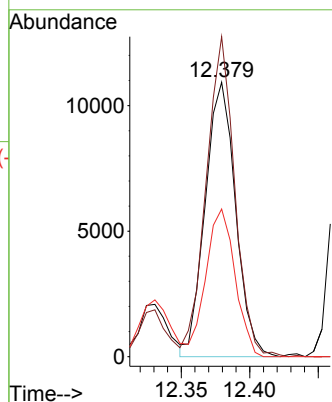
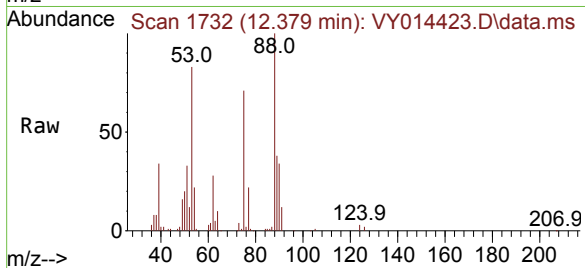




#81
trans-1,4-Dichloro-2-butene
Concen: 17.376 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

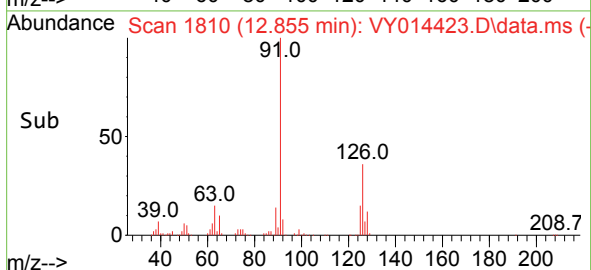
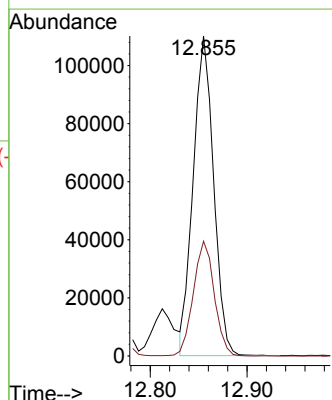
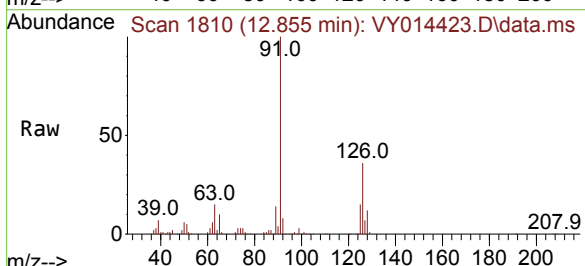
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

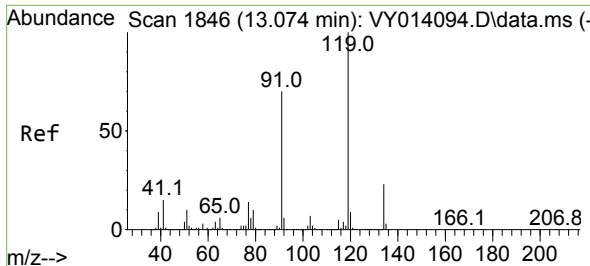
Tgt Ion: 75 Resp: 16821
Ion Ratio Lower Upper
75 100
53 109.6 77.8 116.8
89 51.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 18.541 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion: 91 Resp: 161001
Ion Ratio Lower Upper
91 100
126 37.0 17.2 51.6

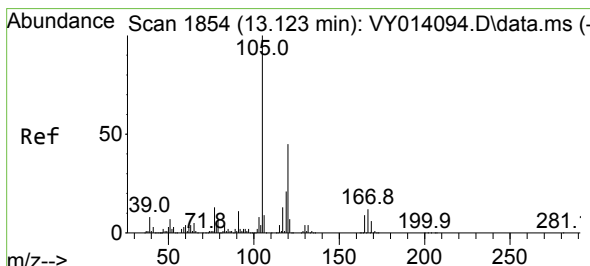
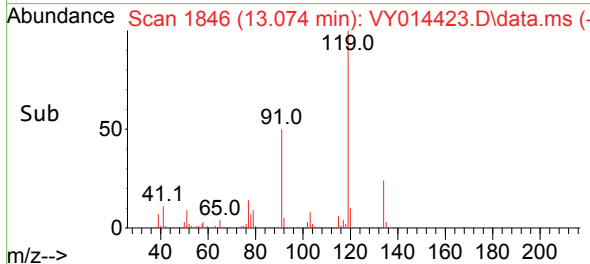
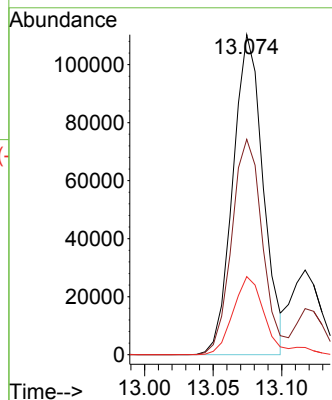
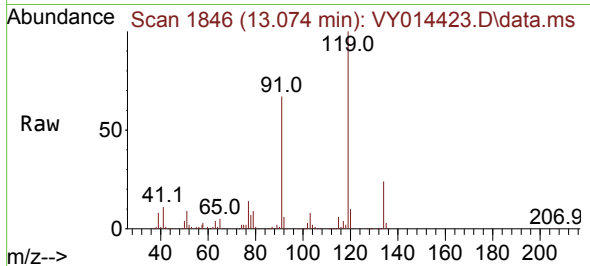




#83
tert-Butylbenzene
Concen: 19.322 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

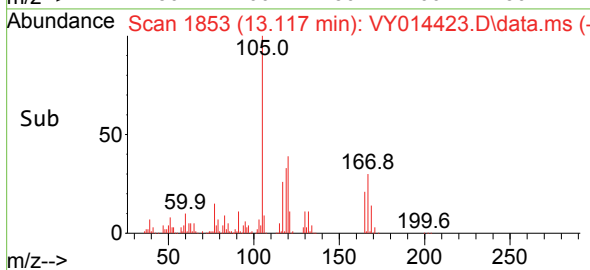
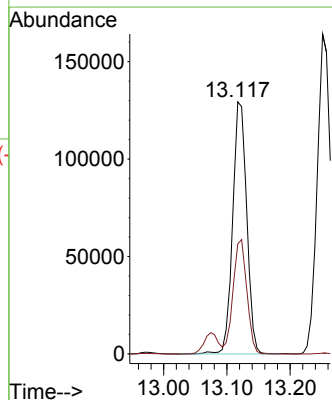
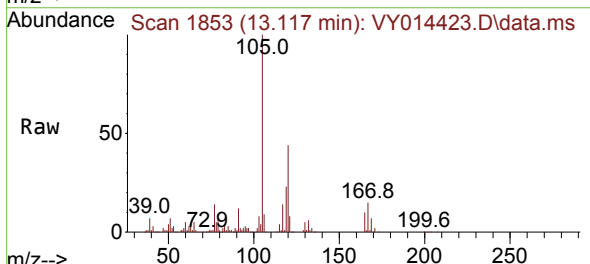
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBS01

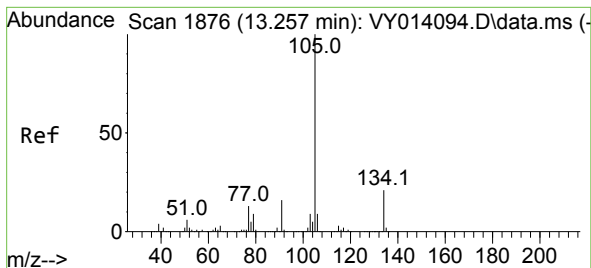
Tgt Ion:119 Resp: 169525
Ion Ratio Lower Upper
119 100
91 68.9 32.9 98.6
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.751 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014423.D
Acq: 26 Jun 2023 10:58

Tgt Ion:105 Resp: 200297
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.395 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

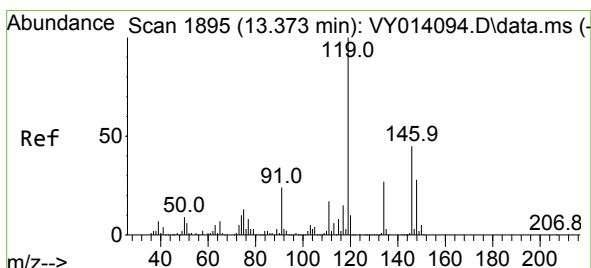
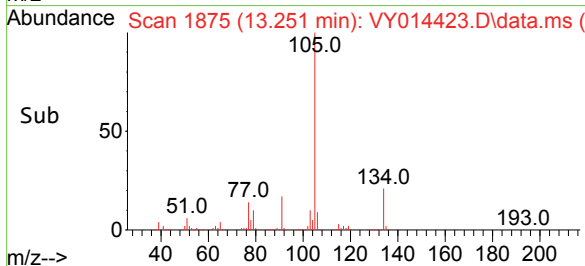
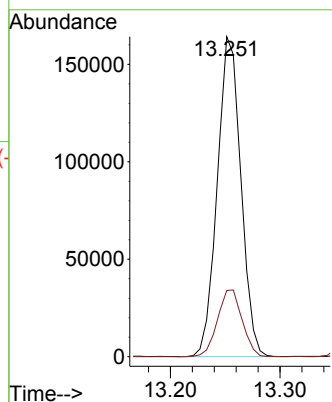
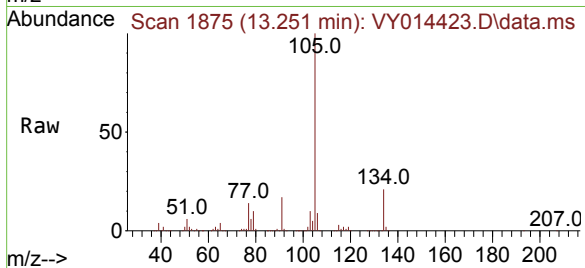
VY0626SBS01

Tgt Ion:105 Resp: 246084

Ion Ratio Lower Upper

105 100

134 21.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.002 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

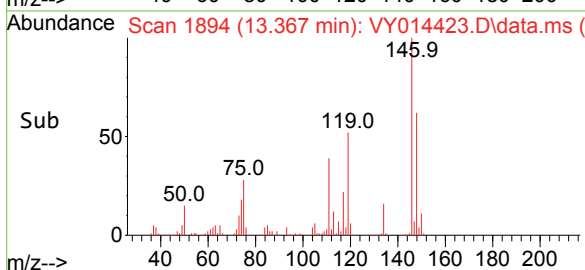
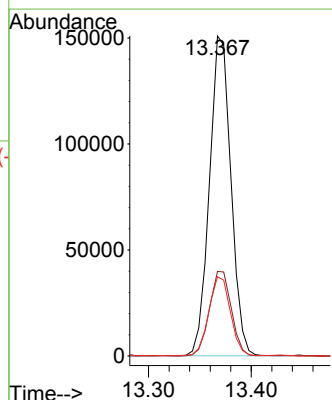
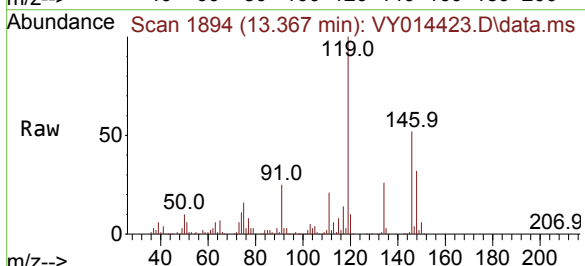
Tgt Ion:119 Resp: 219724

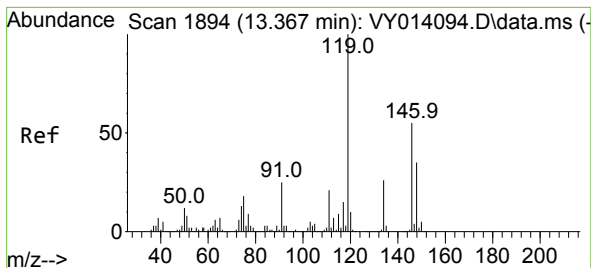
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 24.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.982 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBS01

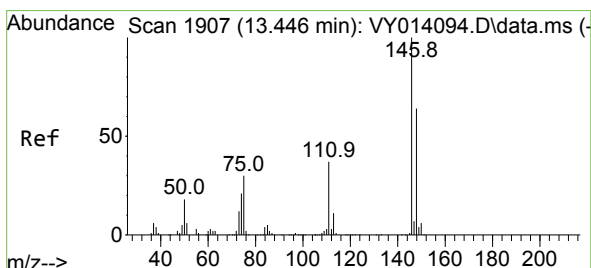
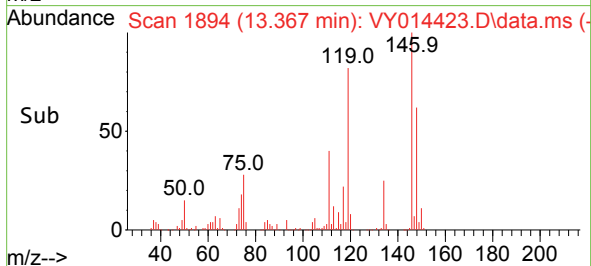
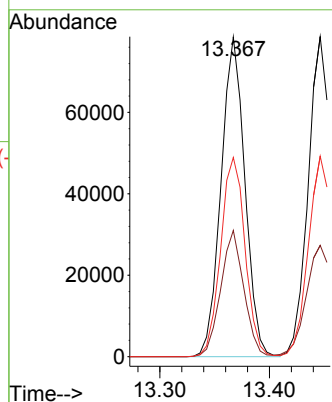
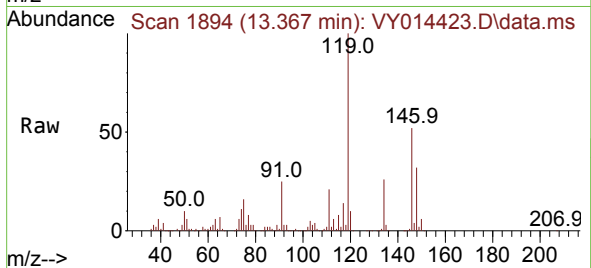
Tgt Ion:146 Resp: 118557

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.756 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

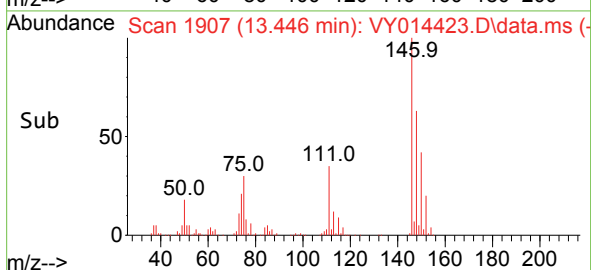
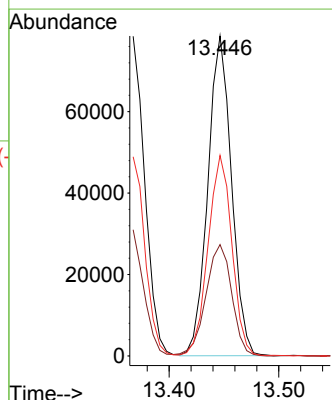
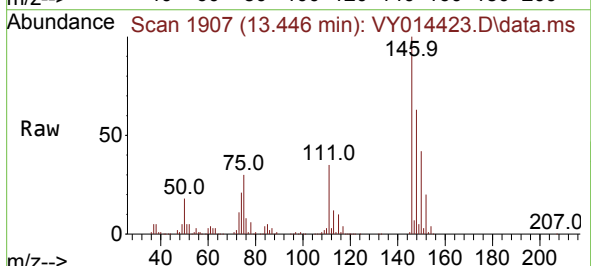
Tgt Ion:146 Resp: 117840

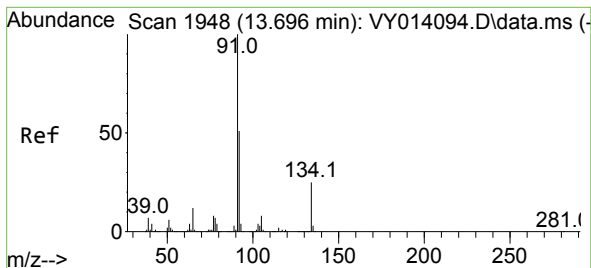
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 19.265 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBS01

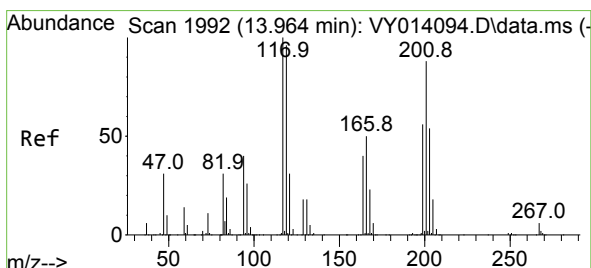
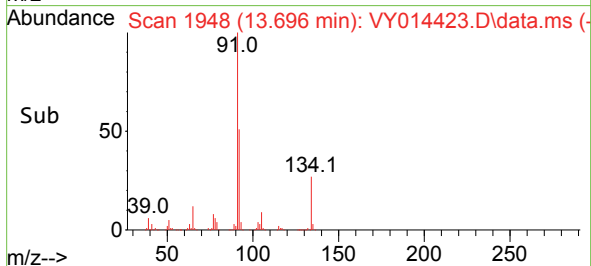
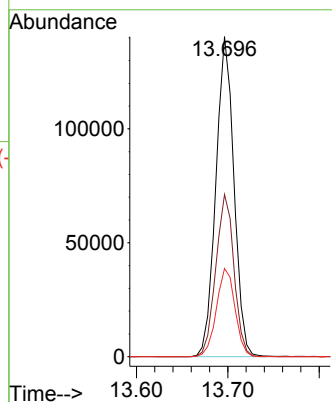
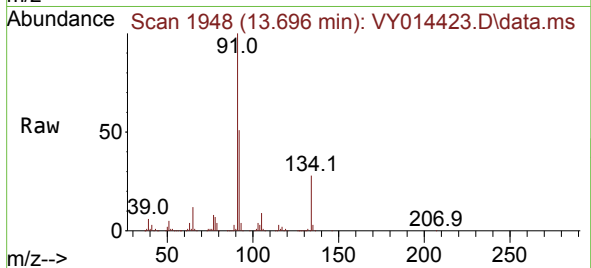
Tgt Ion: 91 Resp: 193361

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.0

134 28.3 12.6 37.6



#90

Hexachloroethane

Concen: 18.884 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY014423.D

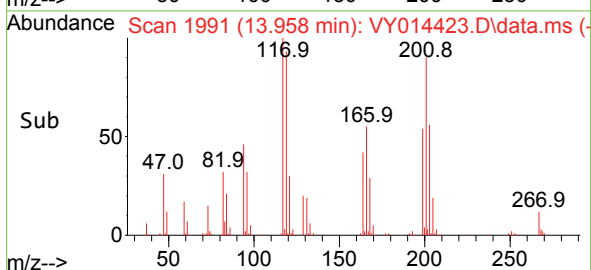
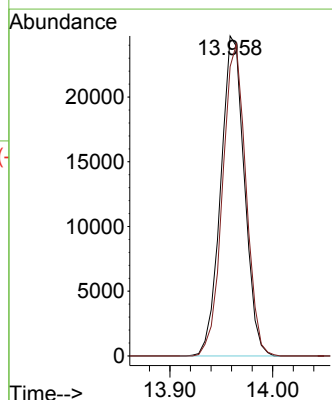
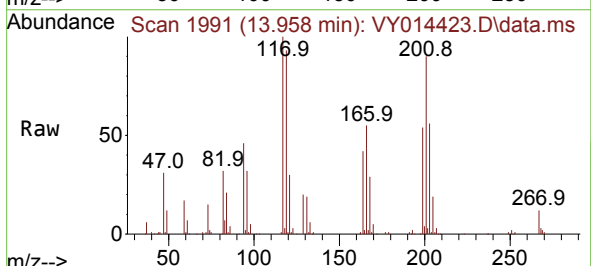
Acq: 26 Jun 2023 10:58

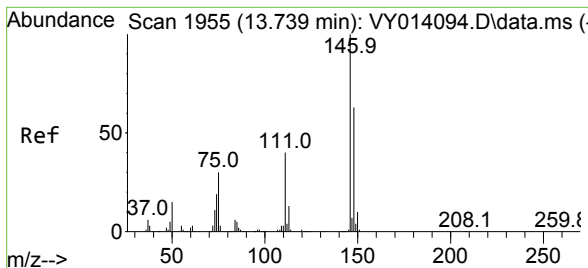
Tgt Ion: 117 Resp: 39464

Ion Ratio Lower Upper

117 100

201 96.0 41.6 124.8

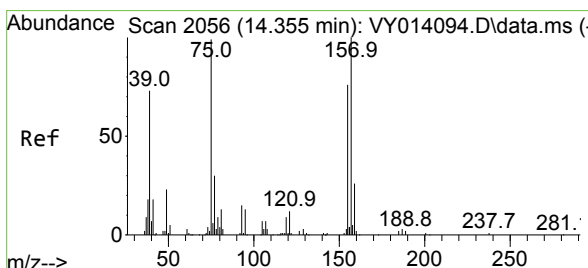
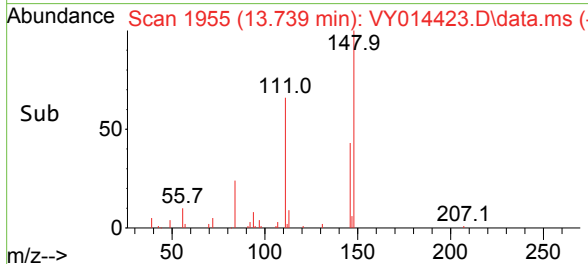
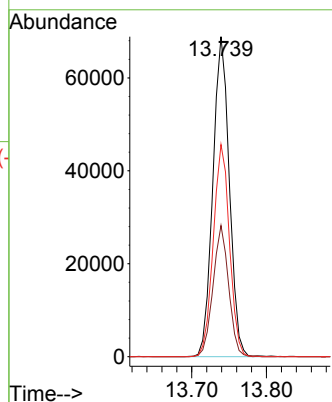
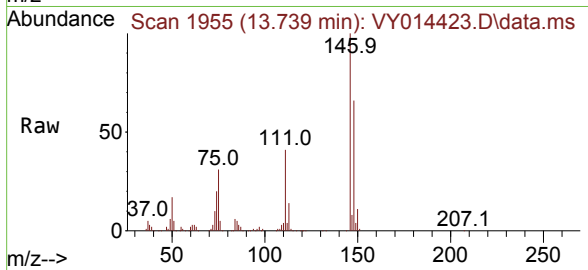




#91
 1,2-Dichlorobenzene
 Concen: 19.503 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014423.D
 Acq: 26 Jun 2023 10:58

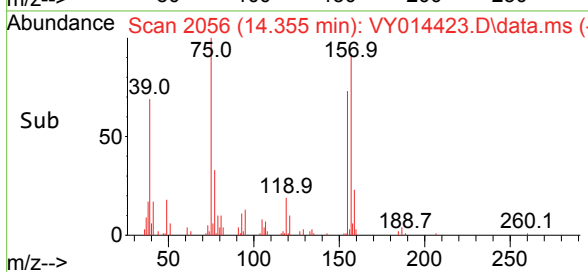
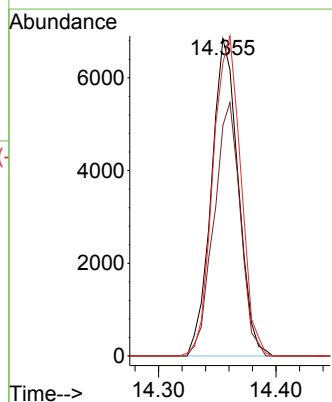
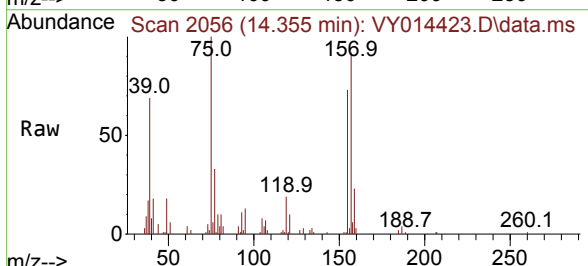
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0626SBS01

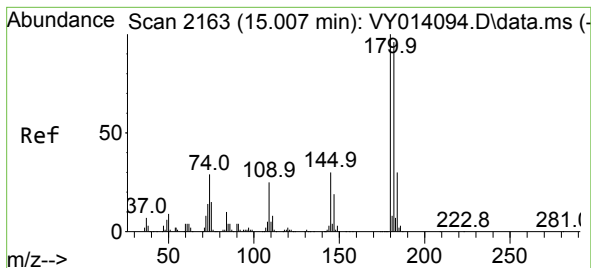
Tgt Ion:	146	Resp:	105638
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.7	59.0
148	65.4	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.463 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014423.D
 Acq: 26 Jun 2023 10:58

Tgt Ion:	75	Resp:	10876
Ion Ratio	Lower	Upper	
75	100		
155	78.5	41.5	124.6
157	104.2	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.115 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBS01

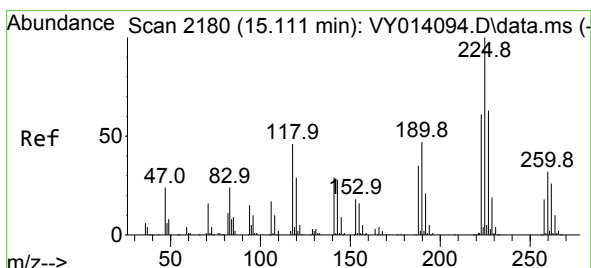
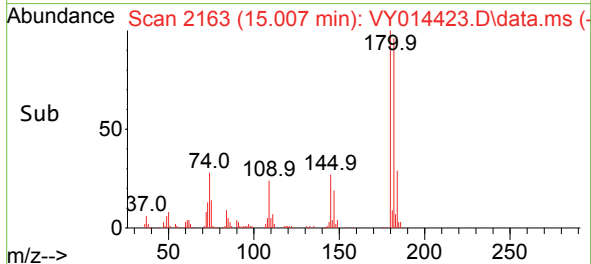
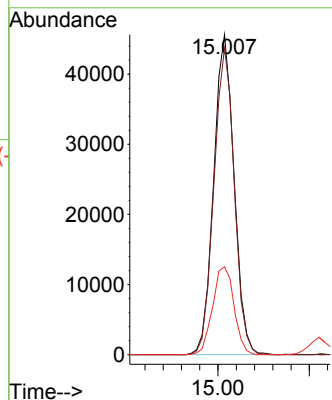
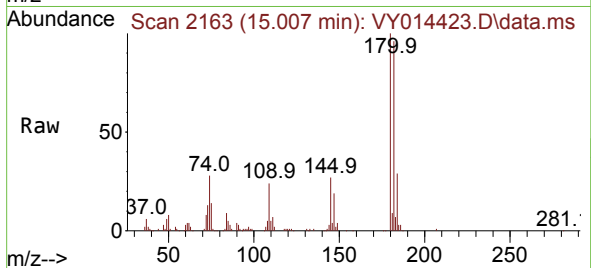
Tgt Ion:180 Resp: 70785

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 28.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.545 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

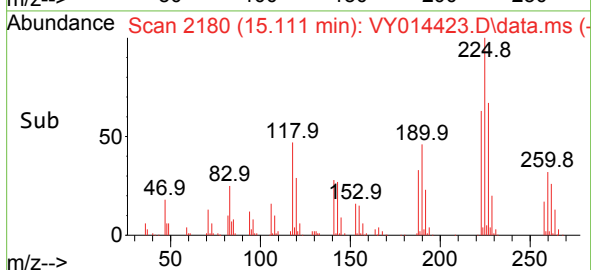
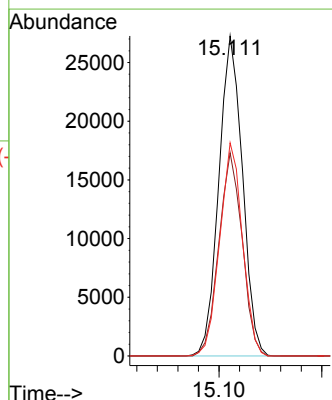
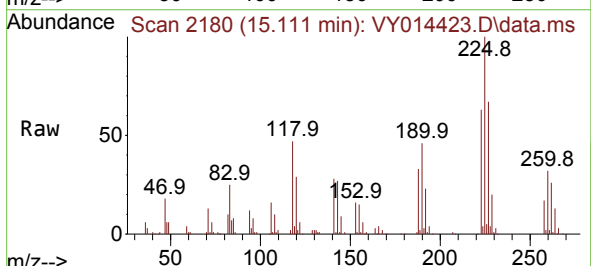
Tgt Ion:225 Resp: 43428

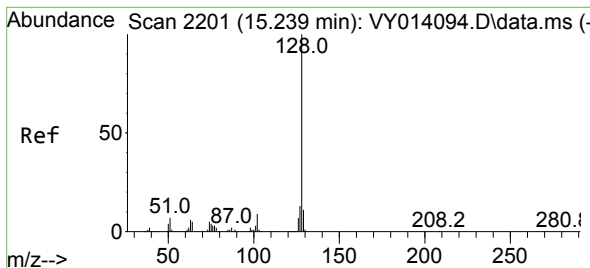
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 18.808 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBS01

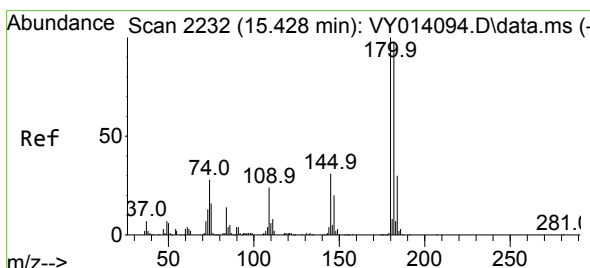
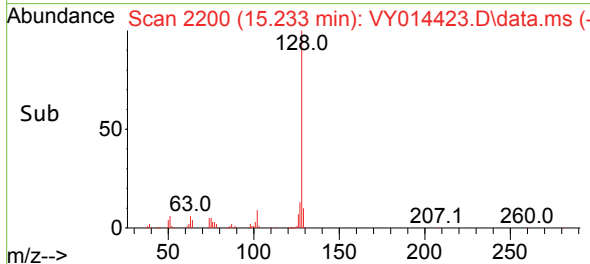
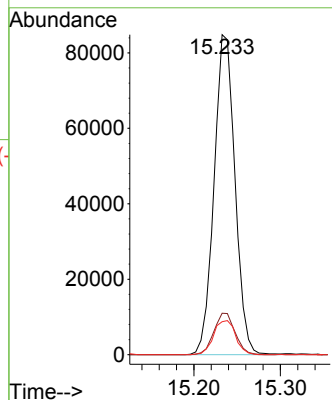
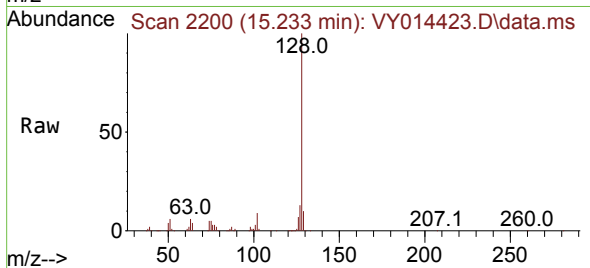
Tgt Ion:128 Resp: 142297

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.550 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014423.D

Acq: 26 Jun 2023 10:58

Tgt Ion:180 Resp: 62642

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.8

145 29.9 15.4 46.2

