

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013534.D
 Acq On : 01 May 2023 13:00
 Operator : KP/MD
 Sample : VY0501SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS02

Quant Time: May 01 22:46:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	305507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	465721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	426559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	214067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	177589	53.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.060%	
35) Dibromofluoromethane	7.710	113	150280	51.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.600%	
50) Toluene-d8	10.179	98	523994	50.286	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.477	95	191964	54.645	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	64295	22.137	ug/l	97
3) Chloromethane	2.107	50	75966	19.513	ug/l	98
4) Vinyl Chloride	2.247	62	72754	18.769	ug/l	99
5) Bromomethane	2.649	94	57478	18.607	ug/l	99
6) Chloroethane	2.790	64	51168	19.107	ug/l	93
7) Trichlorofluoromethane	3.119	101	120852	20.580	ug/l	99
8) Diethyl Ether	3.521	74	43224	21.615	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	67997	20.643	ug/l	99
10) Methyl Iodide	4.082	142	76953	18.601	ug/l	99
11) Tert butyl alcohol	5.003	59	52439	139.305	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	64211	20.223	ug/l	94
13) Acrolein	3.729	56	39805	131.845	ug/l	93
14) Allyl chloride	4.472	41	118676	20.144	ug/l	97
15) Acrylonitrile	5.161	53	139769	124.803	ug/l	98
16) Acetone	3.960	43	160738	121.875	ug/l	91
17) Carbon Disulfide	4.192	76	202780	19.661	ug/l	98
18) Methyl Acetate	4.478	43	106758	24.508	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	201752	22.010	ug/l	97
20) Methylene Chloride	4.710	84	106777	21.181	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	72100	20.769	ug/l	96
22) Diisopropyl ether	6.112	45	245345	21.306	ug/l	90
23) Vinyl Acetate	6.057	43	807719	123.887	ug/l	98
24) 1,1-Dichloroethane	6.009	63	134427	20.946	ug/l	99
25) 2-Butanone	6.990	43	213668	127.744	ug/l	92
26) 2,2-Dichloropropane	6.972	77	117352	21.220	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	80429	20.969	ug/l	95
28) Bromochloromethane	7.332	49	50356	22.111	ug/l	84
29) Tetrahydrofuran	7.344	42	131135	125.949	ug/l	94
30) Chloroform	7.502	83	140251	21.980	ug/l	98
31) Cyclohexane	7.783	56	117704	19.630	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	123392	21.671	ug/l	98
36) 1,1-Dichloropropene	7.917	75	103596	21.310	ug/l	97
37) Ethyl Acetate	7.069	43	93411	25.534	ug/l	95
38) Carbon Tetrachloride	7.899	117	111541	21.891	ug/l	99
39) Methylcyclohexane	9.179	83	115537	20.160	ug/l	95
40) Benzene	8.161	78	294359	21.496	ug/l	98

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 ClientSampleId :
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	120917	70.929	ug/l #	33
42) 1,2-Dichloroethane	8.234	62	103268	23.066	ug/l	98
43) Isopropyl Acetate	8.270	43	146309	23.694	ug/l	97
44) Trichloroethene	8.935	130	79158	21.731	ug/l	98
45) 1,2-Dichloropropane	9.215	63	78028	21.793	ug/l	97
46) Dibromomethane	9.301	93	48298	22.545	ug/l	97
47) Bromodichloromethane	9.496	83	107635	22.453	ug/l	99
48) Methyl methacrylate	9.289	41	67151	23.679	ug/l	95
49) 1,4-Dioxane	9.319	88	15762	515.149	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	446450	129.747	ug/l	96
52) Toluene	10.240	92	182862	22.190	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	114947	22.657	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	124930	21.884	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	65992	23.261	ug/l	98
56) Ethyl methacrylate	10.508	69	94501	24.009	ug/l	92
57) 1,3-Dichloropropane	10.788	76	111722	23.252	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	186555	126.397	ug/l	94
59) 2-Hexanone	10.831	43	340185	136.004	ug/l	96
60) Dibromochloromethane	10.983	129	80316	23.315	ug/l	99
61) 1,2-Dibromoethane	11.087	107	65031	23.314	ug/l	99
64) Tetrachloroethene	10.715	164	70086	21.608	ug/l	98
65) Chlorobenzene	11.514	112	196005	21.094	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	76078	21.892	ug/l	99
67) Ethyl Benzene	11.593	91	341985	20.959	ug/l	100
68) m/p-Xylenes	11.703	106	266876	43.024	ug/l	97
69) o-Xylene	12.026	106	124947	21.299	ug/l	97
70) Styrene	12.044	104	215160	21.935	ug/l	100
71) Bromoform	12.209	173	58894	24.194	ug/l #	99
73) Isopropylbenzene	12.331	105	330561	20.416	ug/l	98
74) N-amyl acetate	12.142	43	129999	22.562	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	89818	22.695	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	120255	41.655	ug/l #	100
77) Bromobenzene	12.605	156	86444	22.034	ug/l	94
78) n-propylbenzene	12.666	91	414999	20.809	ug/l	97
79) 2-Chlorotoluene	12.751	91	231686	20.803	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	280313	21.211	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	32303	22.888	ug/l	98
82) 4-Chlorotoluene	12.855	91	243252	20.956	ug/l	99
83) tert-Butylbenzene	13.074	119	238891	20.865	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	278269	21.658	ug/l	100
85) sec-Butylbenzene	13.251	105	358741	20.877	ug/l	99
86) p-Isopropyltoluene	13.367	119	298102	21.573	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	165540	22.148	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	166818	22.094	ug/l	100
89) n-Butylbenzene	13.696	91	282872	20.974	ug/l	98
90) Hexachloroethane	13.964	117	59431	20.435	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	150495	22.297	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18037	25.806	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	95097	23.632	ug/l	98
94) Hexachlorobutadiene	15.111	225	57559	24.577	ug/l	100
95) Naphthalene	15.233	128	218064	24.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	88719	24.736	ug/l	98

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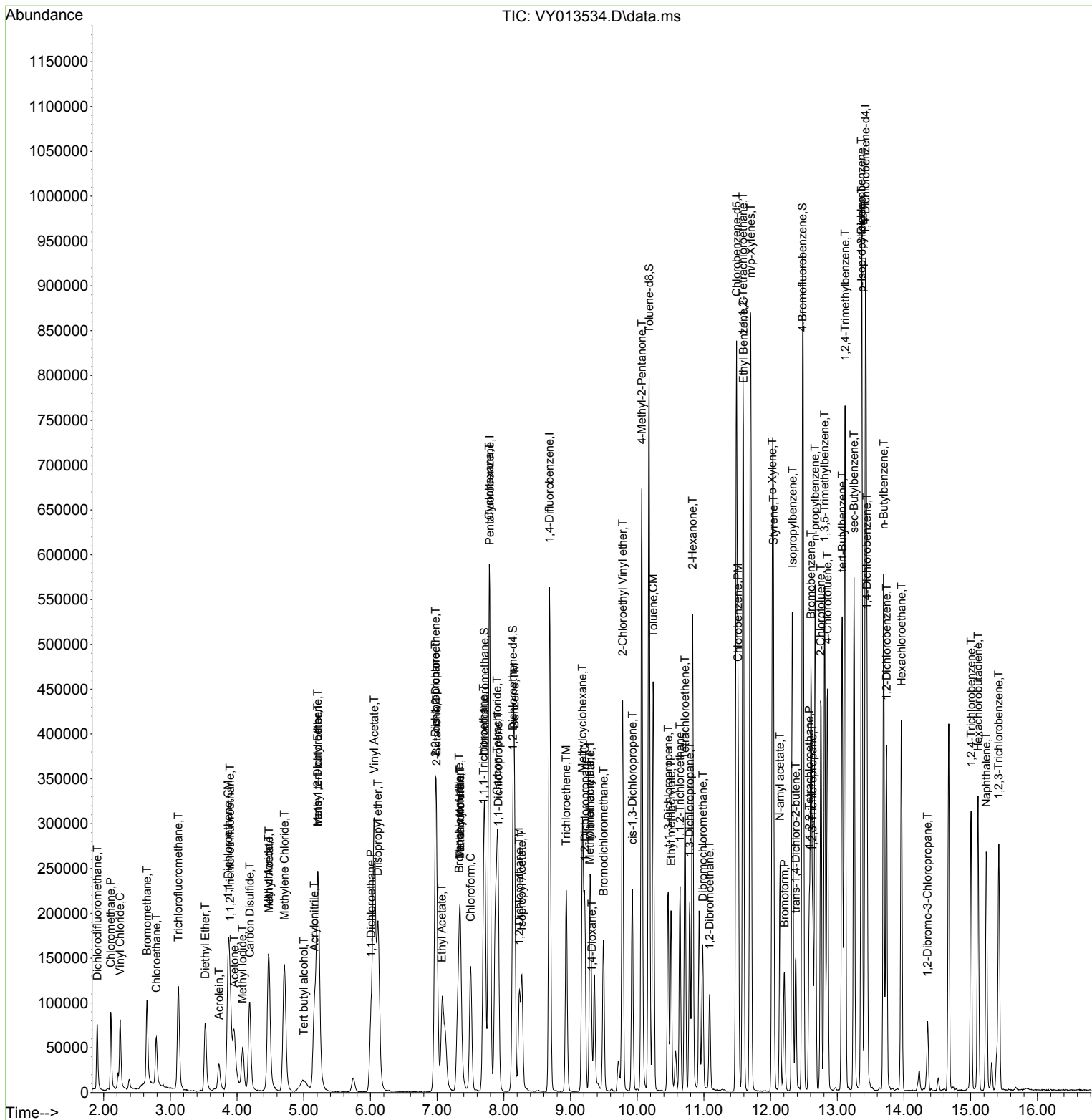
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

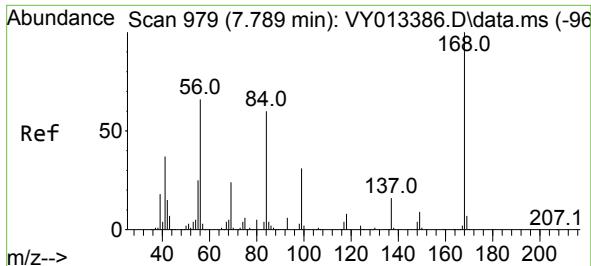
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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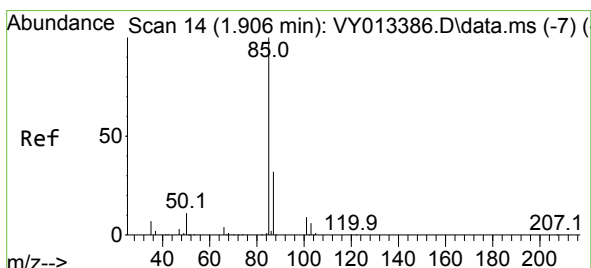
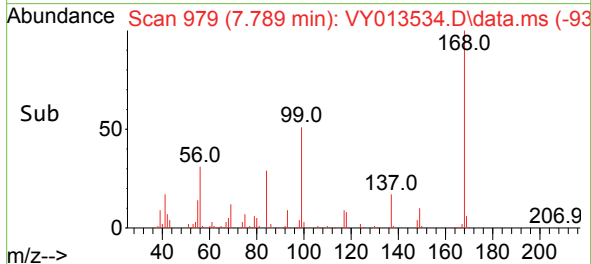
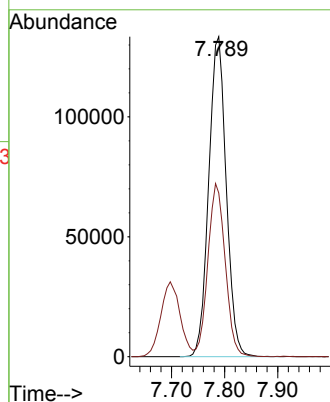
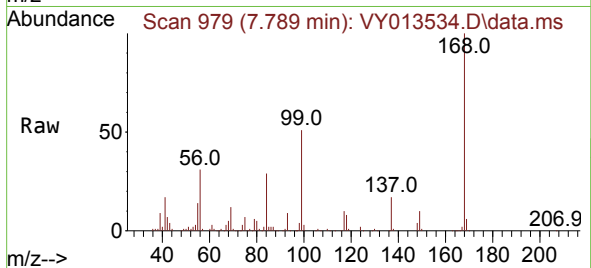




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

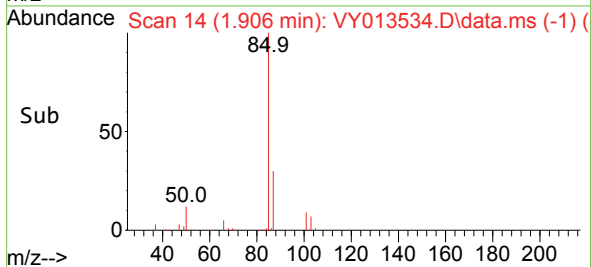
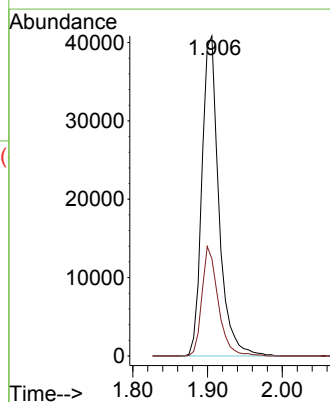
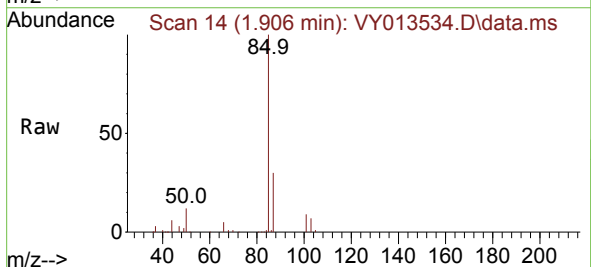
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

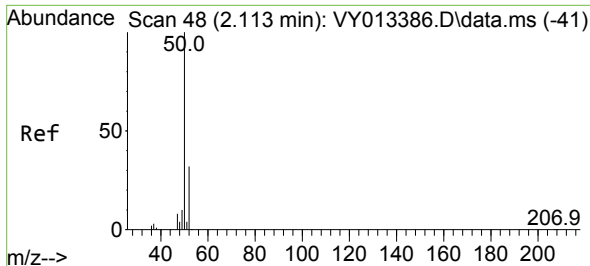
Tgt Ion:168 Resp: 305507
Ion Ratio Lower Upper
168 100
99 51.1 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 22.137 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 85 Resp: 64295
Ion Ratio Lower Upper
85 100
87 30.4 16.1 48.2

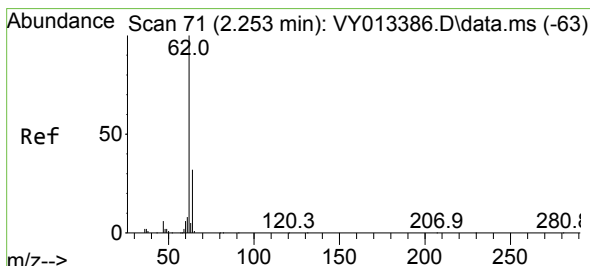
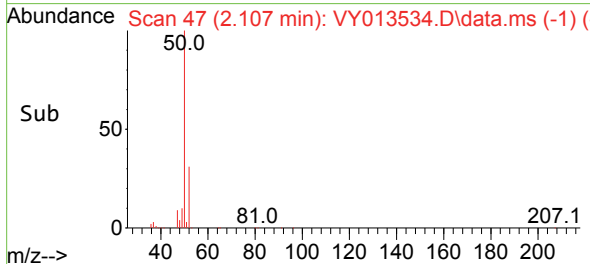
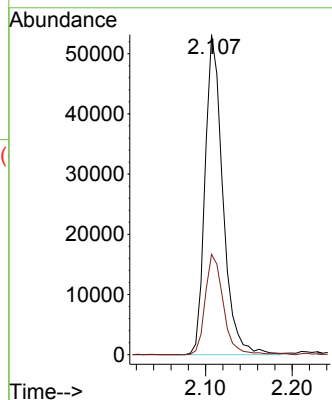
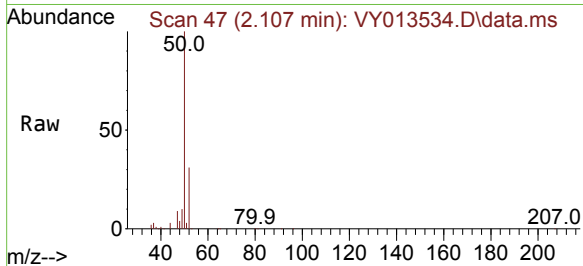




#3
Chloromethane
Concen: 19.513 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

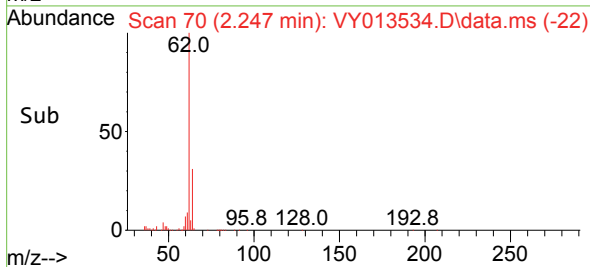
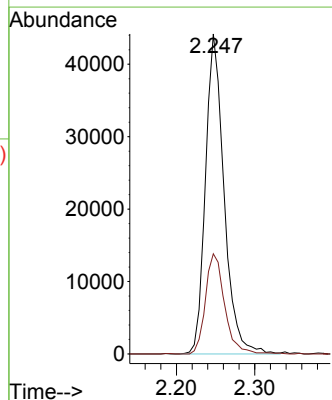
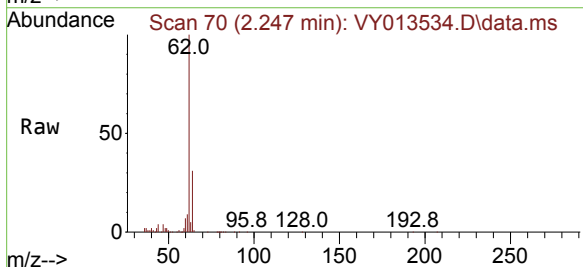
Instrument :
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ClientSampleId :
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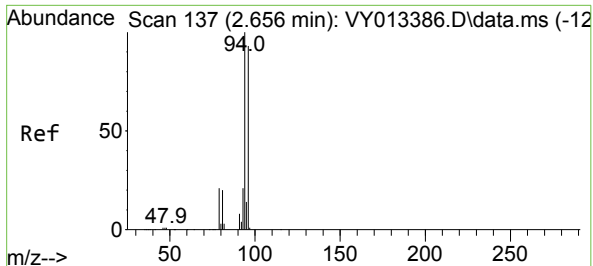
Tgt Ion: 50 Resp: 75966
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9



#4
Vinyl Chloride
Concen: 18.769 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 62 Resp: 72754
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0

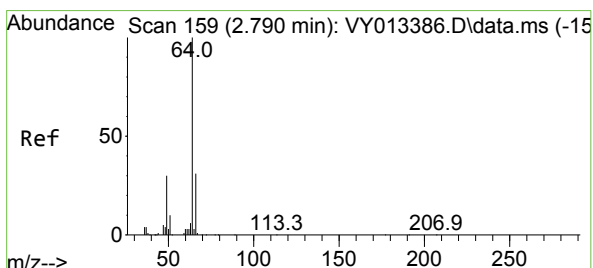
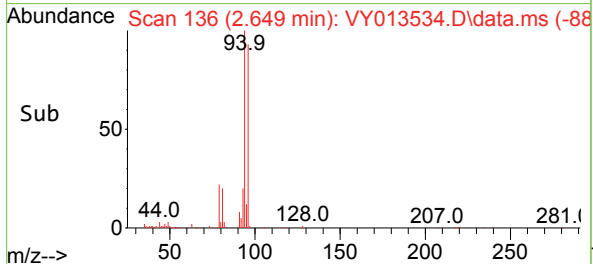
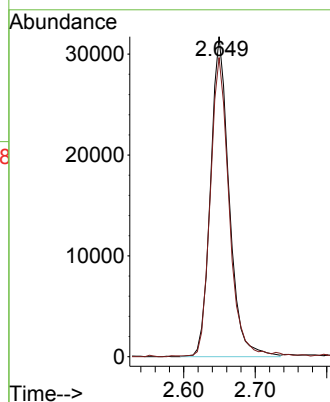
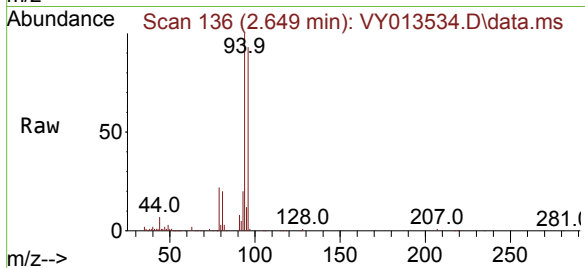




#5
Bromomethane
Concen: 18.607 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

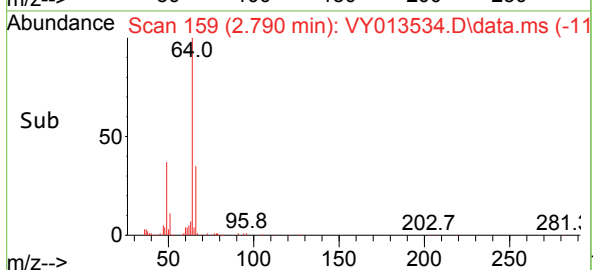
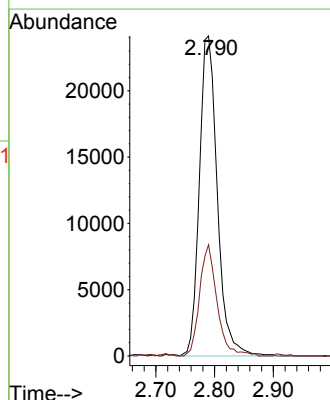
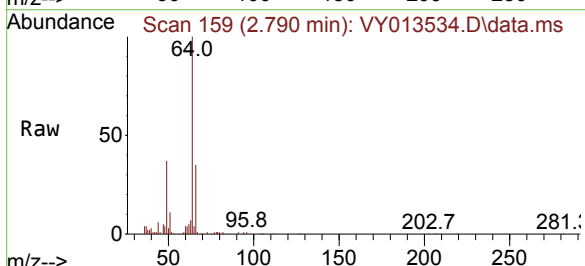
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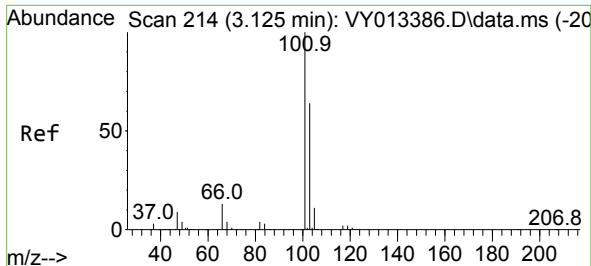
Tgt Ion: 94 Resp: 57478
Ion Ratio Lower Upper
94 100
96 93.3 74.2 111.2



#6
Chloroethane
Concen: 19.107 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 64 Resp: 51168
Ion Ratio Lower Upper
64 100
66 34.7 24.6 37.0

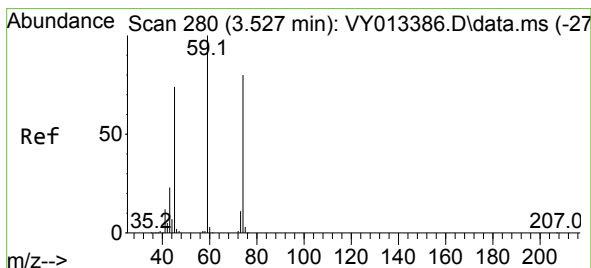
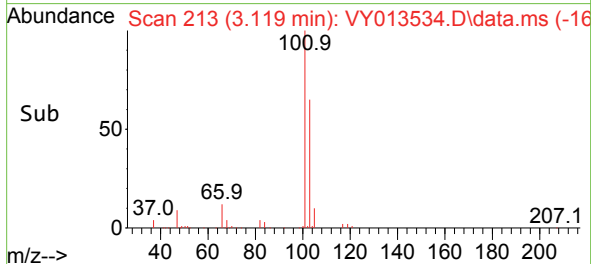
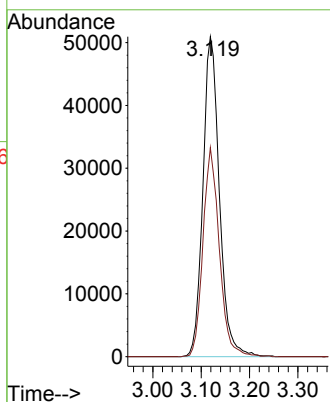
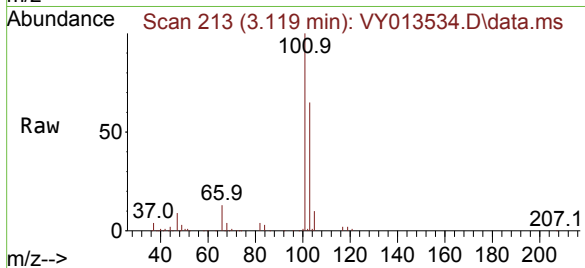




#7
Trichlorofluoromethane
Concen: 20.580 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

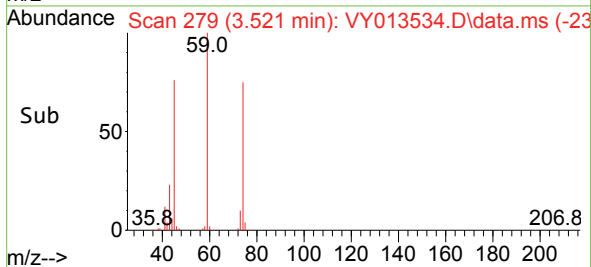
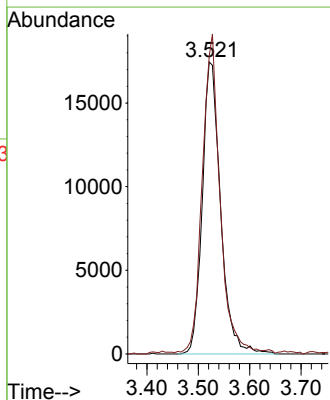
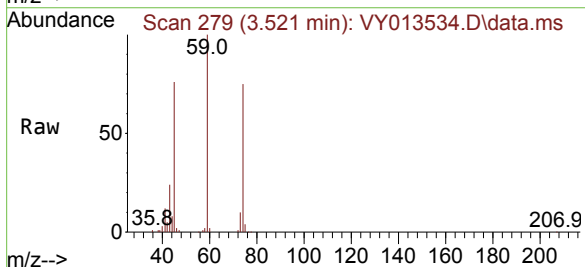
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

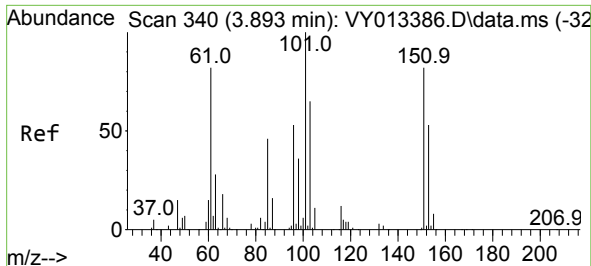
Tgt Ion:101 Resp: 120852
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4



#8
Diethyl Ether
Concen: 21.615 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 74 Resp: 43224
Ion Ratio Lower Upper
74 100
45 104.6 48.2 144.6

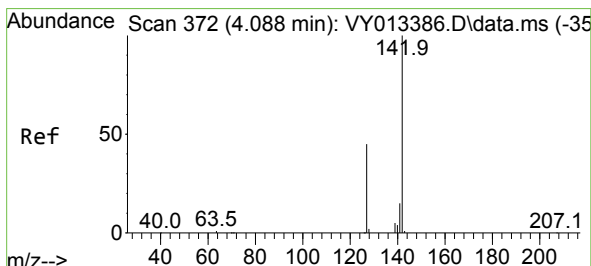
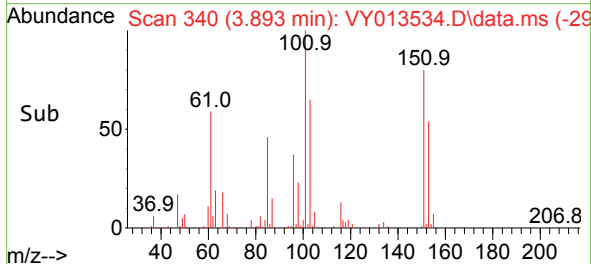
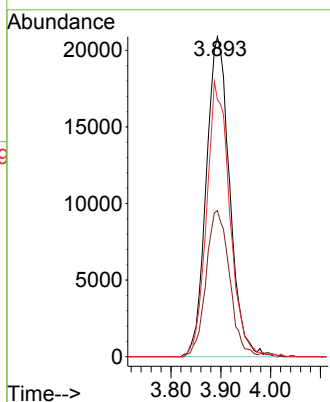
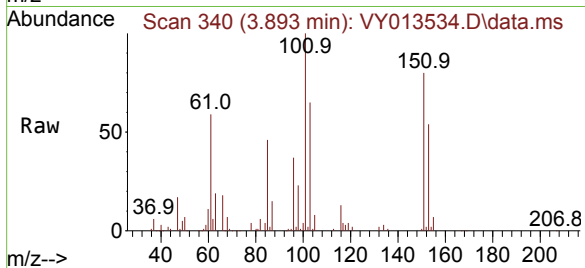




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.643 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

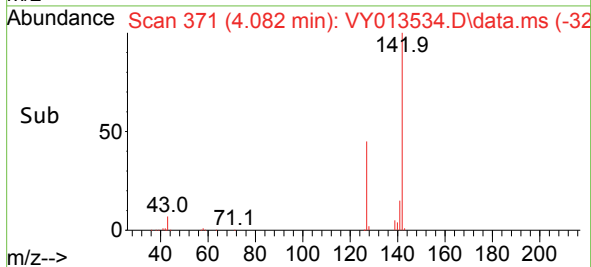
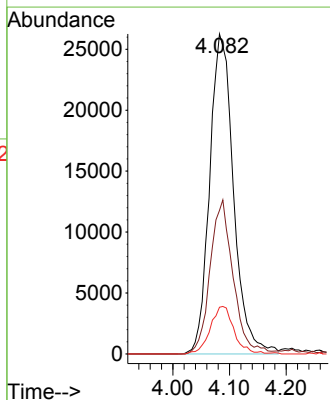
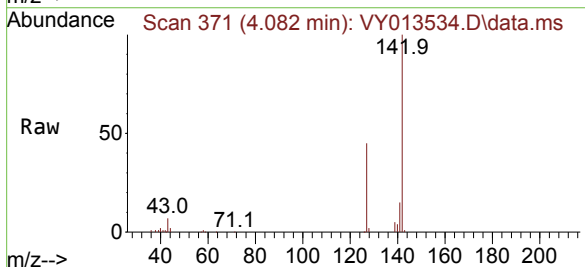
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

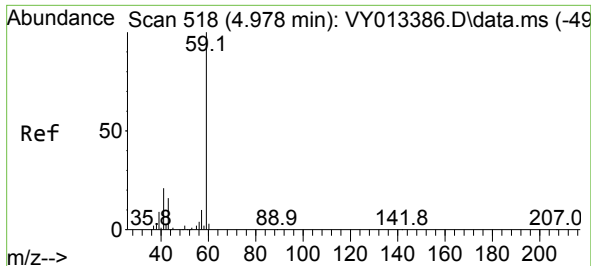
Tgt Ion:101 Resp: 67997
Ion Ratio Lower Upper
101 100
85 45.8 35.6 53.4
151 85.2 68.0 102.0



#10
Methyl Iodide
Concen: 18.601 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion:142 Resp: 76953
Ion Ratio Lower Upper
142 100
127 46.2 36.1 54.1
141 14.7 11.6 17.4

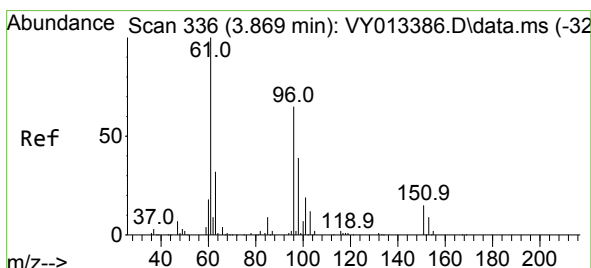
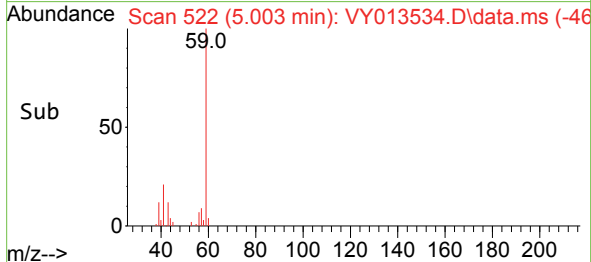
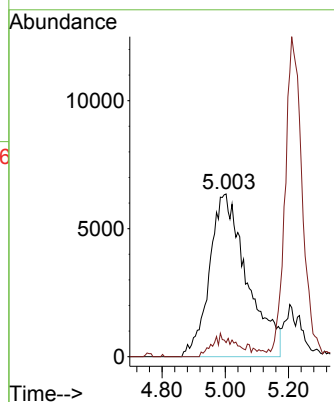
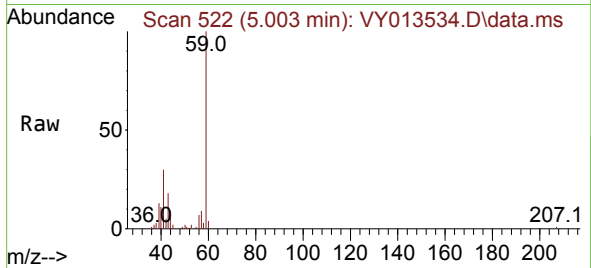




#11
Tert butyl alcohol
Concen: 139.305 ug/l
RT: 5.003 min Scan# 518
Delta R.T. 0.025 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

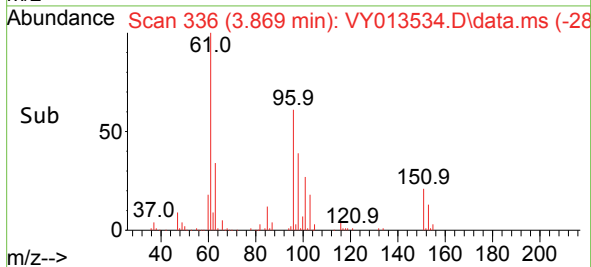
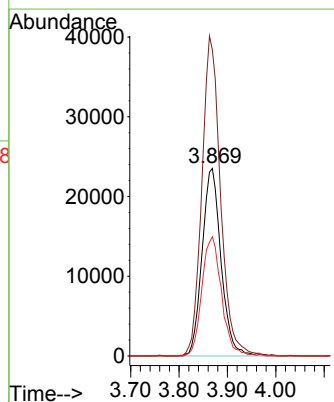
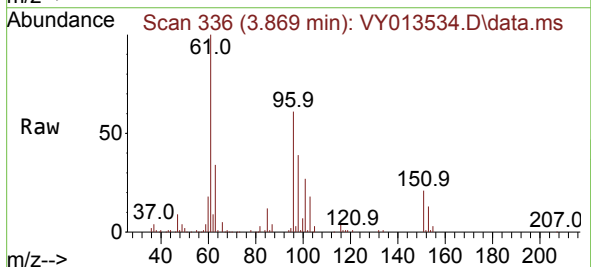
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

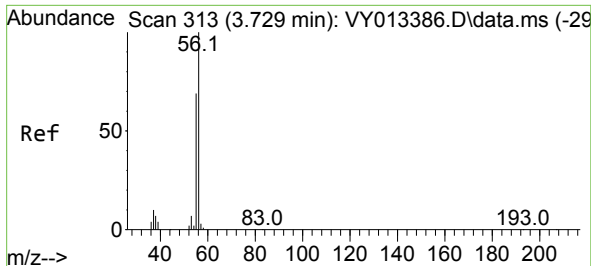
Tgt Ion: 59 Resp: 52439
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.223 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 96 Resp: 64211
Ion Ratio Lower Upper
96 100
61 163.3 123.9 185.9
98 63.6 48.9 73.3

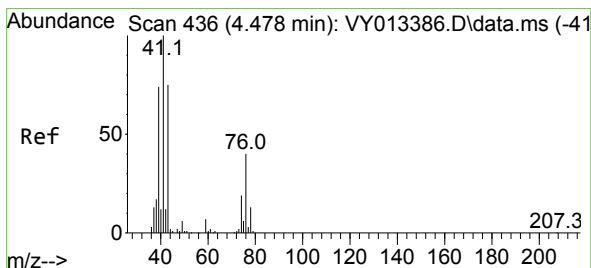
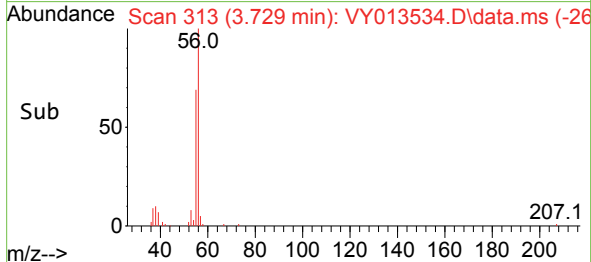
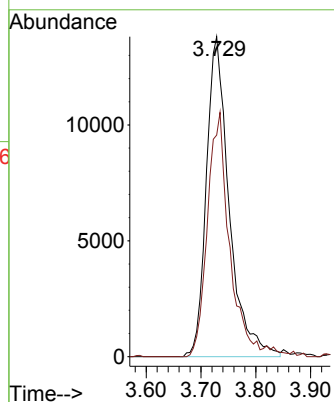
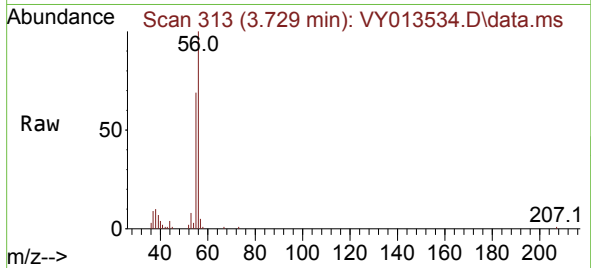




#13
Acrolein
Concen: 131.845 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

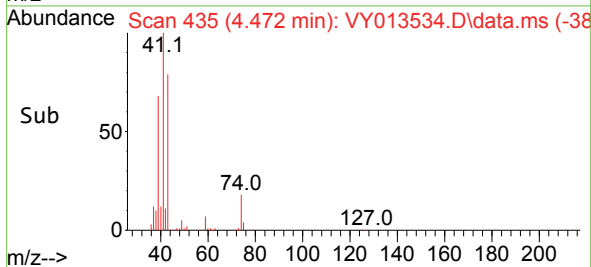
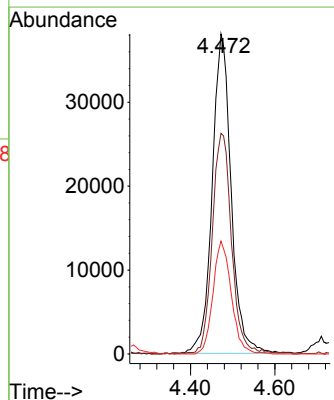
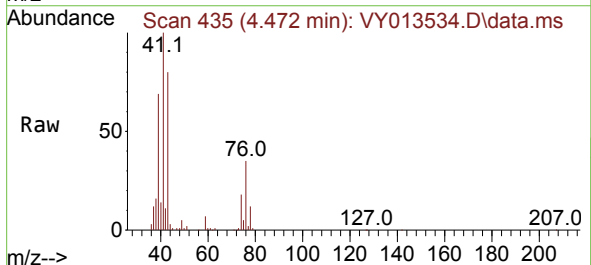
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

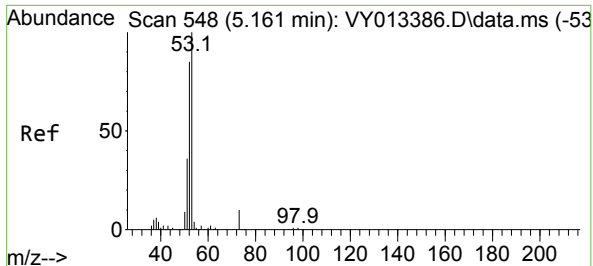
Tgt Ion: 56 Resp: 39805
Ion Ratio Lower Upper
56 100
55 73.1 54.1 81.1



#14
Allyl chloride
Concen: 20.144 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 41 Resp: 118676
Ion Ratio Lower Upper
41 100
39 69.9 56.6 85.0
76 34.2 30.5 45.7

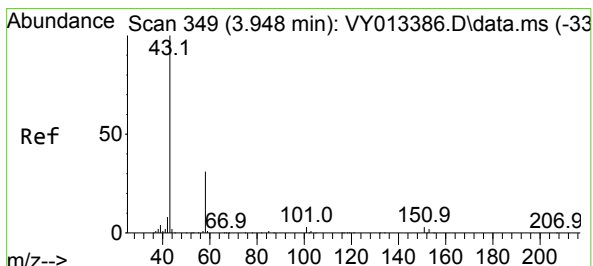
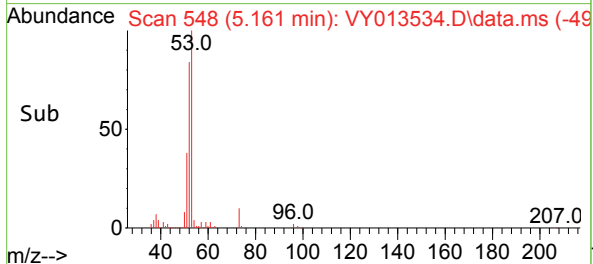
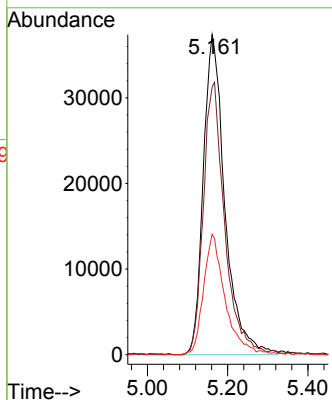
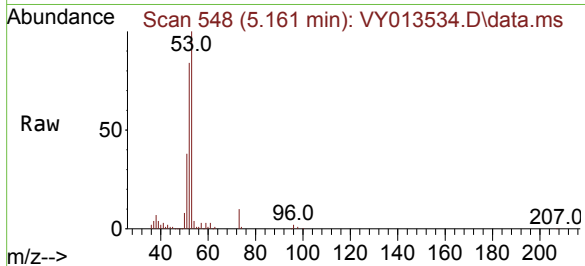




#15
Acrylonitrile
Concen: 124.803 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

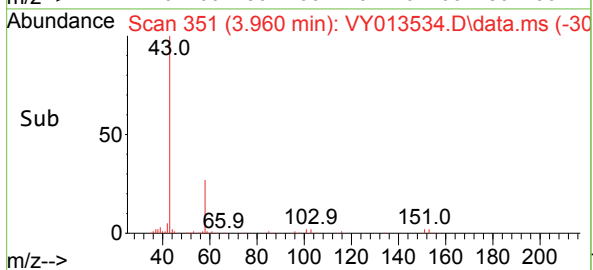
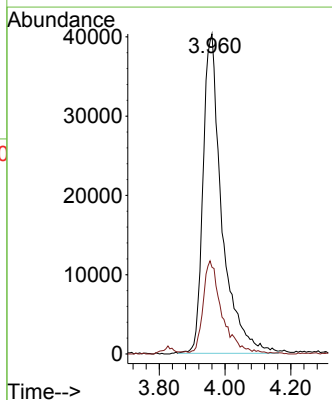
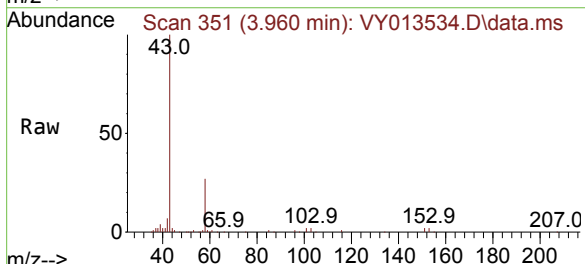
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

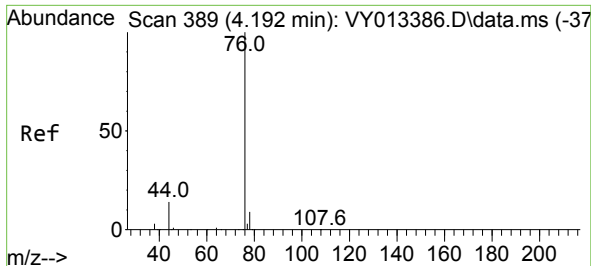
Tgt Ion: 53 Resp: 139769
Ion Ratio Lower Upper
53 100
52 83.7 65.4 98.0
51 37.8 29.3 43.9



#16
Acetone
Concen: 121.875 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 43 Resp: 160738
Ion Ratio Lower Upper
43 100
58 26.8 25.4 38.0

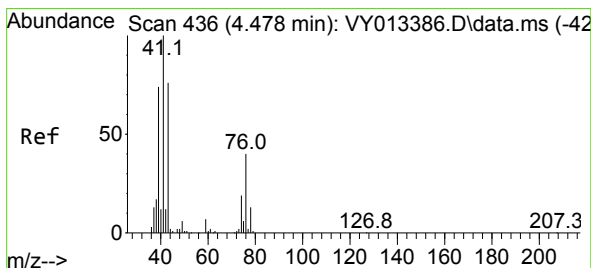
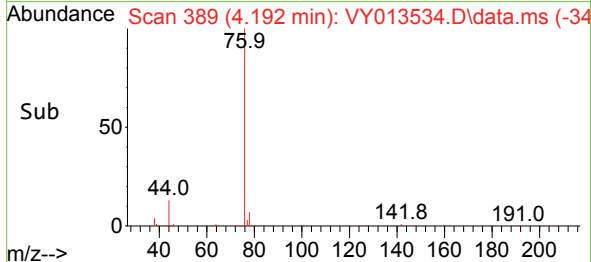
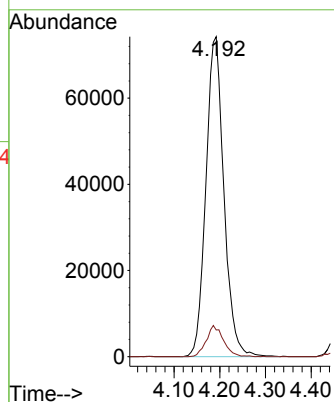
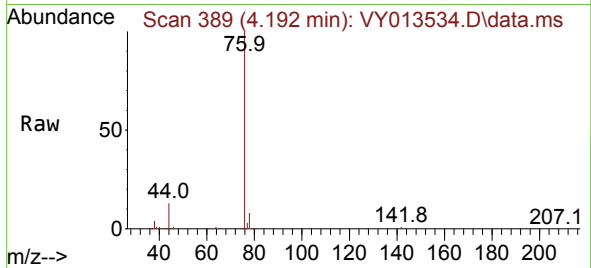




#17
Carbon Disulfide
Concen: 19.661 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

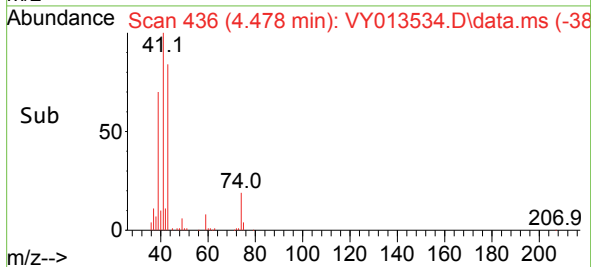
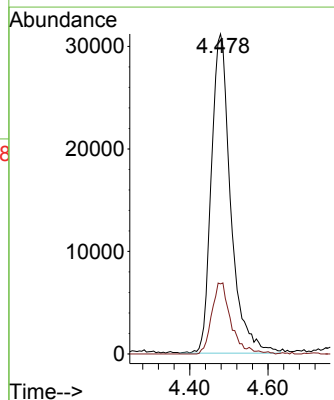
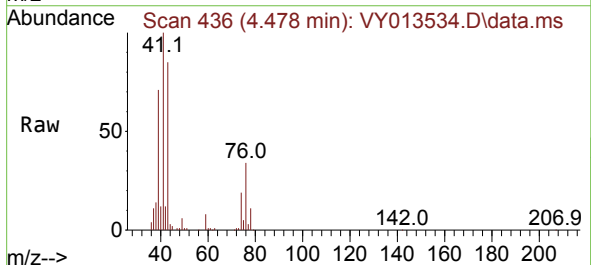
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

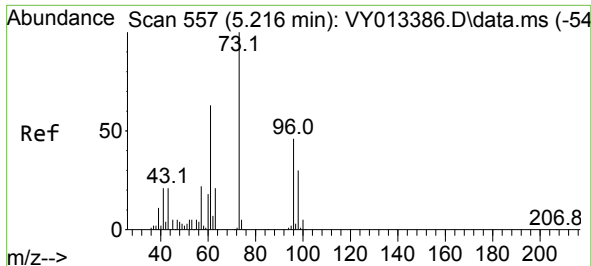
Tgt Ion: 76 Resp: 202780
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 24.508 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 43 Resp: 106758
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2

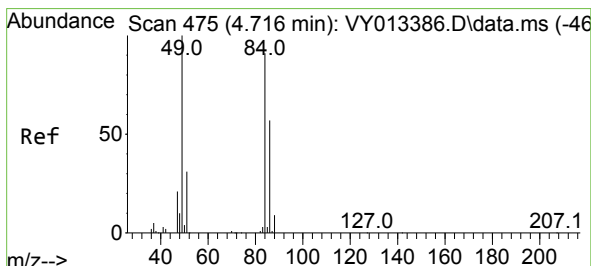
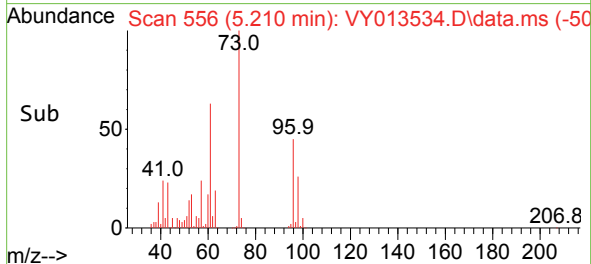
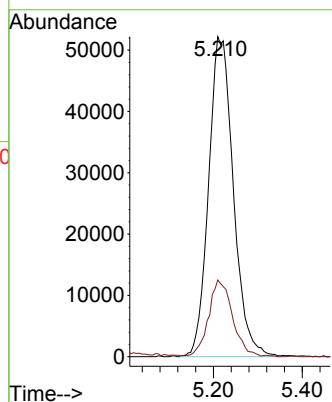
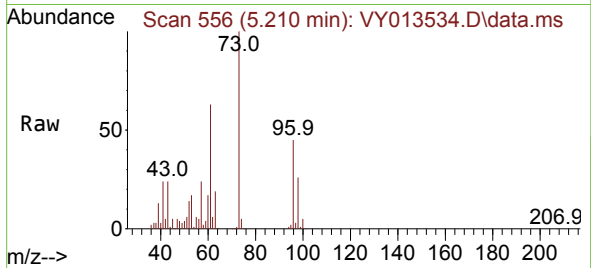




#19
Methyl tert-butyl Ether
Concen: 22.010 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

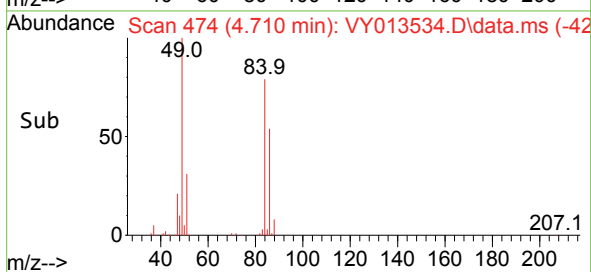
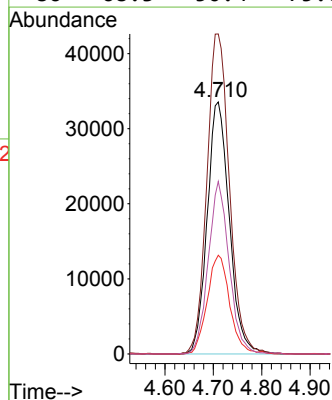
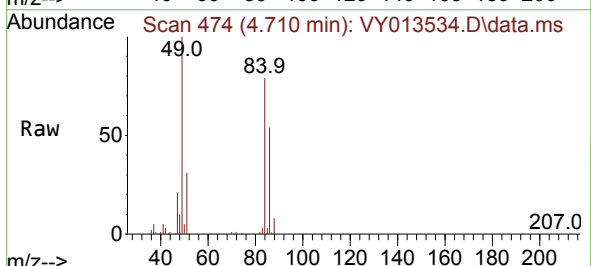
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

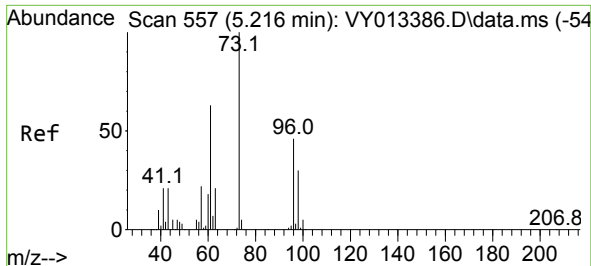
Tgt Ion: 73 Resp: 201752
Ion Ratio Lower Upper
73 100
57 23.9 17.8 26.8



#20
Methylene Chloride
Concen: 21.181 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 84 Resp: 106777
Ion Ratio Lower Upper
84 100
49 127.0 88.0 132.0
51 39.2 27.4 41.0
86 68.3 50.4 75.6

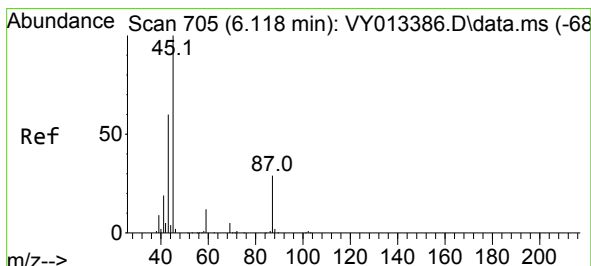
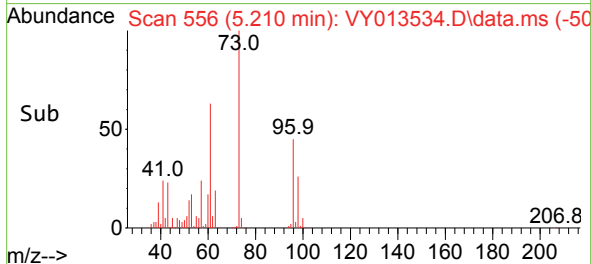
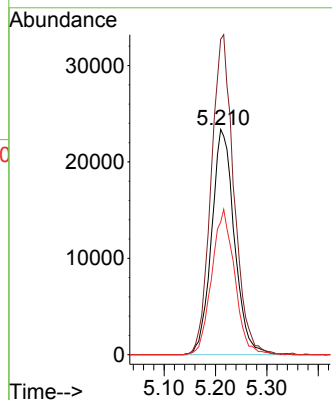
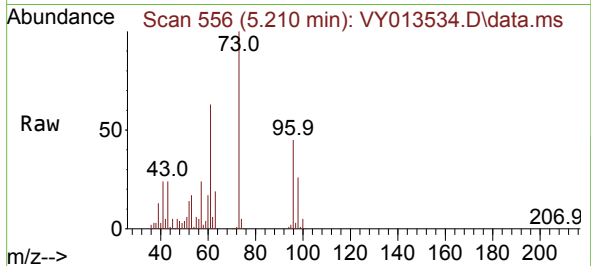




#21
trans-1,2-Dichloroethene
Concen: 20.769 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

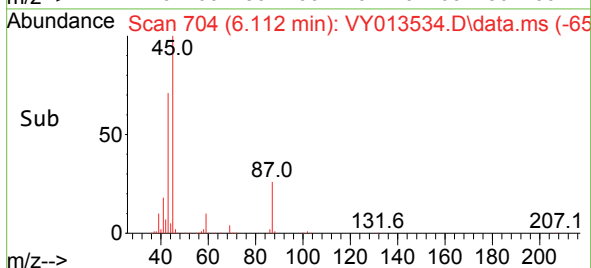
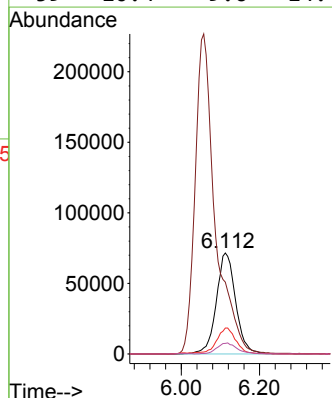
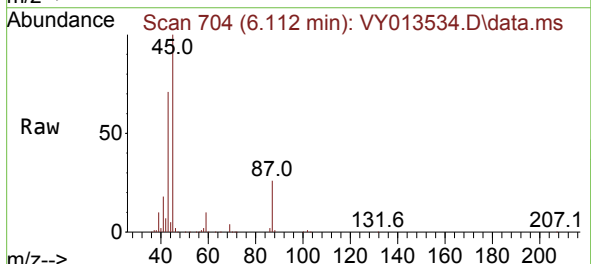
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

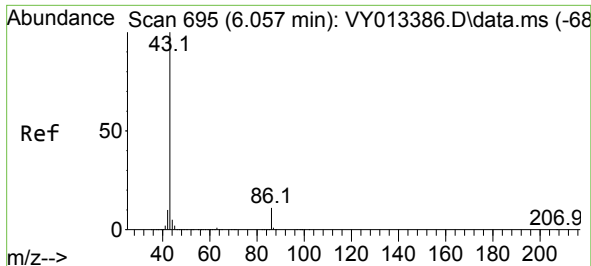
Tgt Ion: 96 Resp: 72100
Ion Ratio Lower Upper
96 100
61 140.1 110.6 165.8
98 58.9 53.1 79.7



#22
Diisopropyl ether
Concen: 21.306 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 45 Resp: 245345
Ion Ratio Lower Upper
45 100
43 70.5 48.4 72.6
87 25.7 23.8 35.6
59 10.4 9.6 14.4

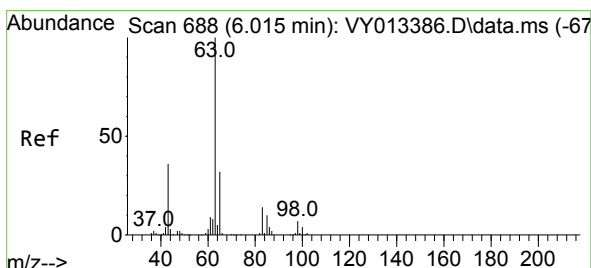
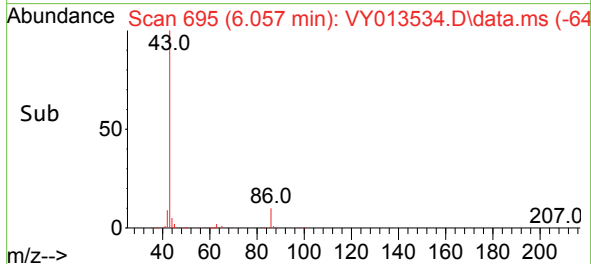
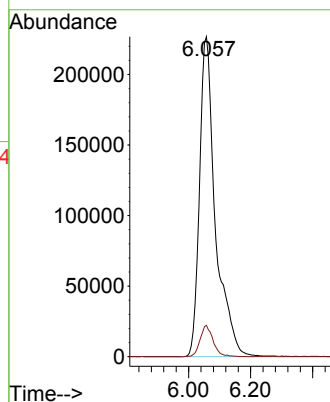
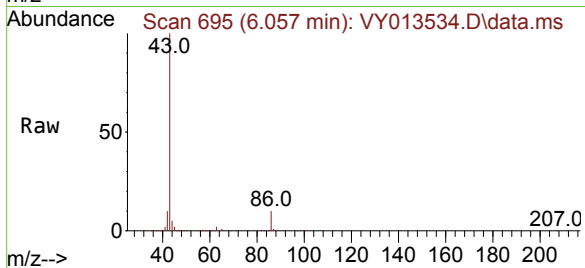




#23
 Vinyl Acetate
 Concen: 123.887 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013534.D
 Acq: 01 May 2023 13:00

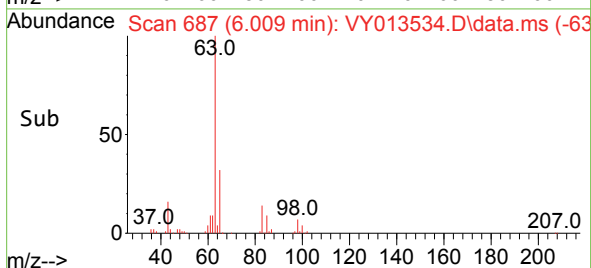
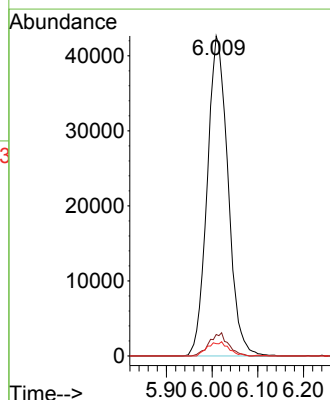
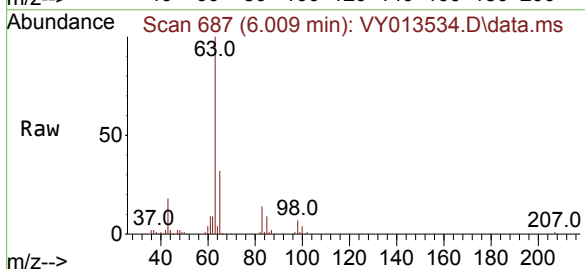
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS02

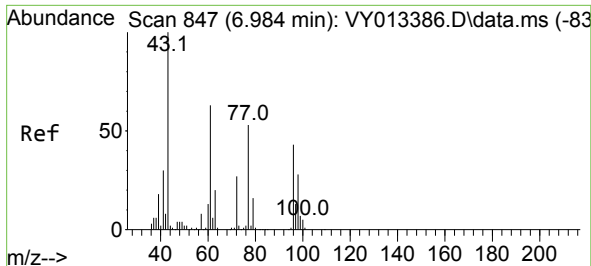
Tgt Ion: 43 Resp: 807719
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.946 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013534.D
 Acq: 01 May 2023 13:00

Tgt Ion: 63 Resp: 134427
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 3.9 2.2 6.6





#25

2-Butanone

Concen: 127.744 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

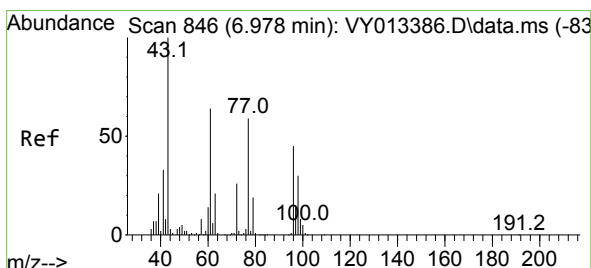
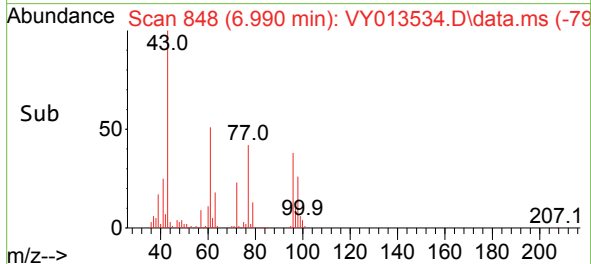
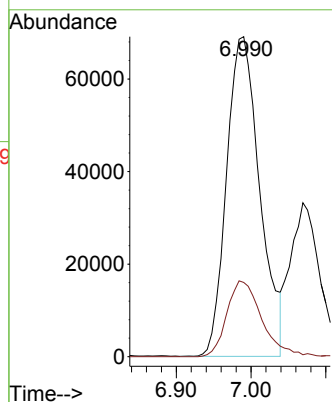
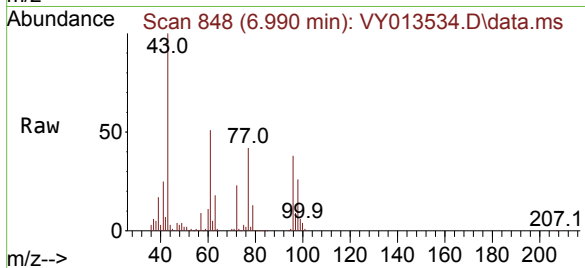
VY0501SBS02

Tgt Ion: 43 Resp: 213668

Ion Ratio Lower Upper

43 100

72 23.2 21.9 32.9



#26

2,2-Dichloropropane

Concen: 21.220 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY013534.D

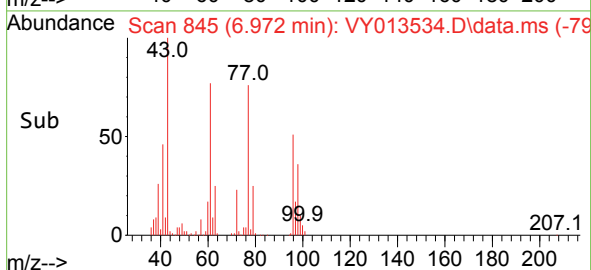
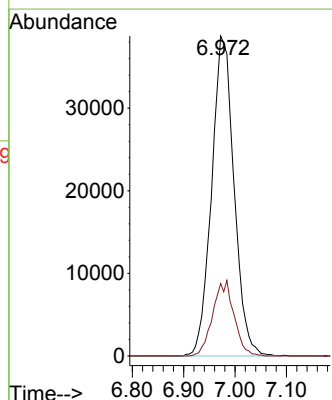
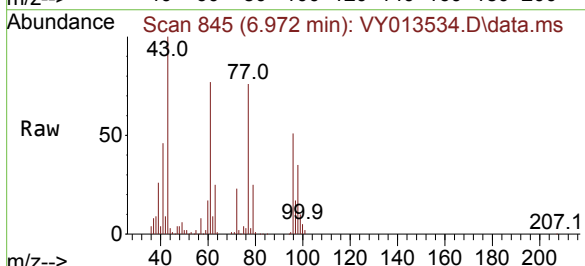
Acq: 01 May 2023 13:00

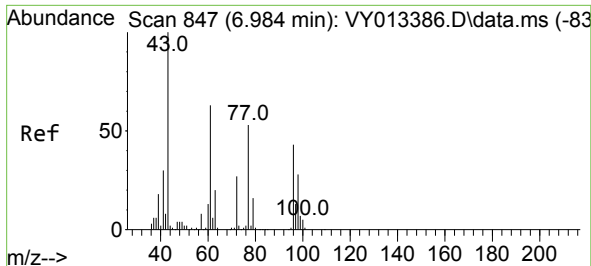
Tgt Ion: 77 Resp: 117352

Ion Ratio Lower Upper

77 100

97 22.4 11.8 35.4

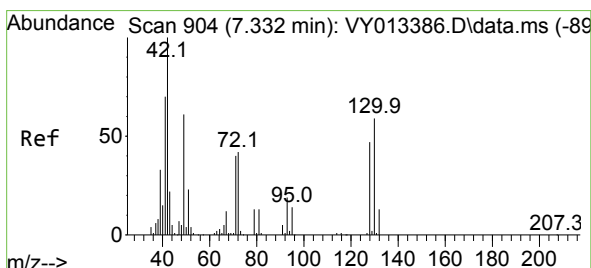
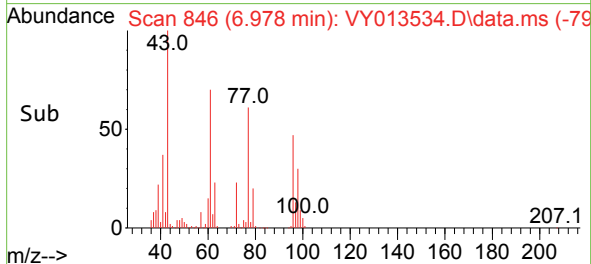
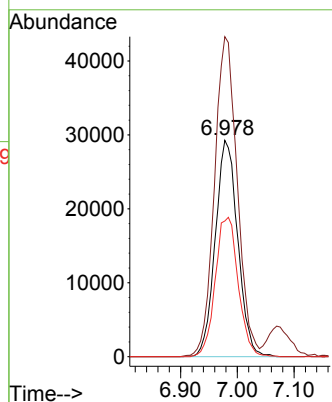
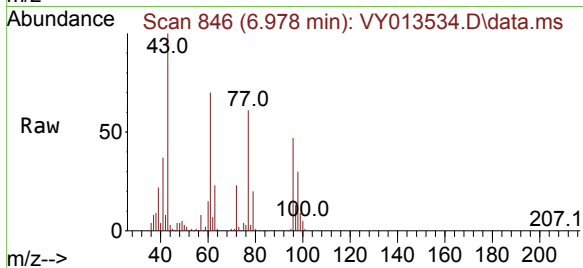




#27
 cis-1,2-Dichloroethene
 Concen: 20.969 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY013534.D
 Acq: 01 May 2023 13:00

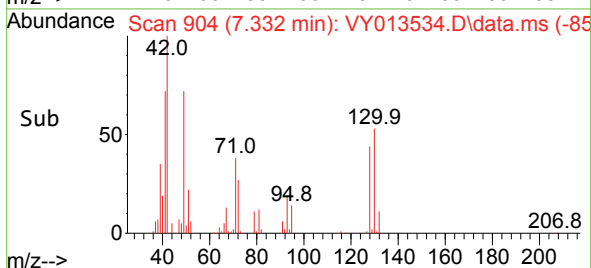
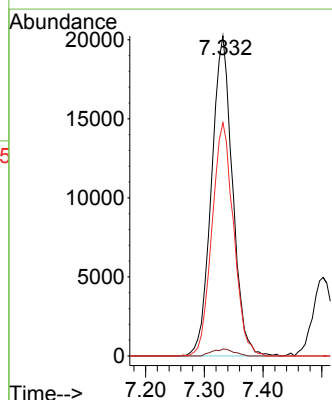
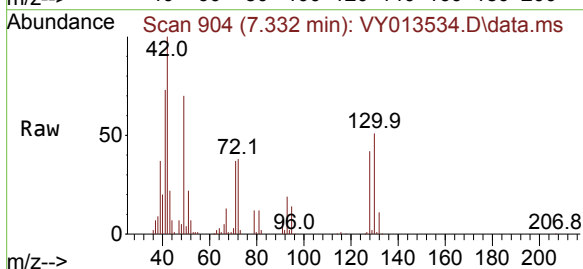
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS02

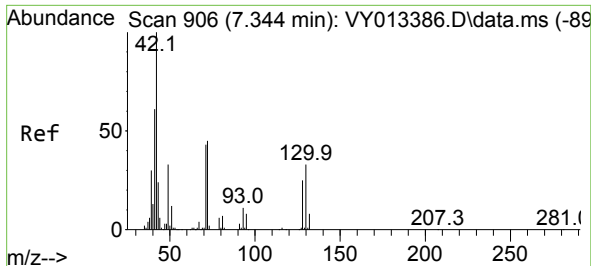
Tgt Ion: 96 Resp: 80429
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 285.0
 98 65.9 0.0 130.6



#28
 Bromochloromethane
 Concen: 22.111 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013534.D
 Acq: 01 May 2023 13:00

Tgt Ion: 49 Resp: 50356
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 74.9 72.1 108.1





#29

Tetrahydrofuran

Concen: 125.949 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS02

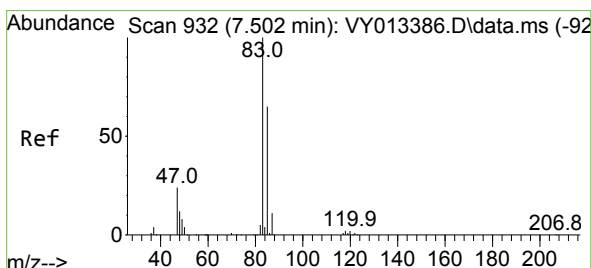
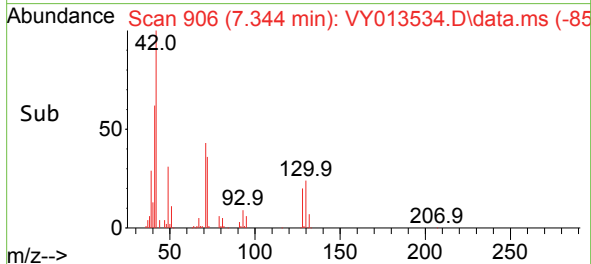
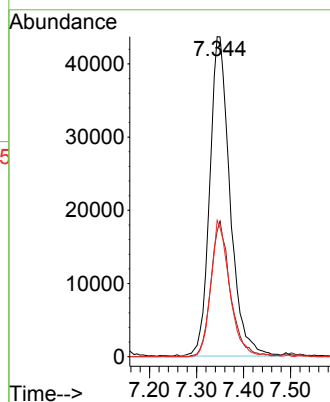
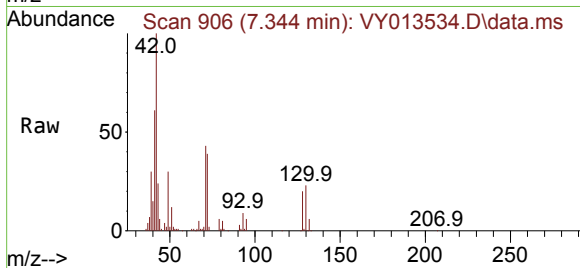
Tgt Ion: 42 Resp: 131135

Ion Ratio Lower Upper

42 100

72 40.7 35.9 53.9

71 39.0 34.3 51.5



#30

Chloroform

Concen: 21.980 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013534.D

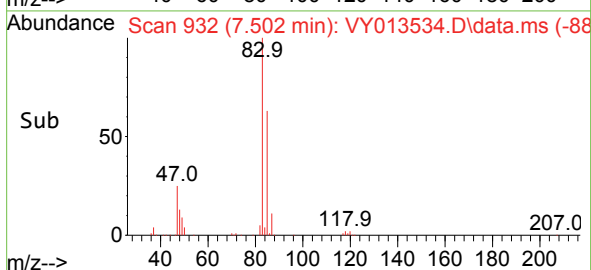
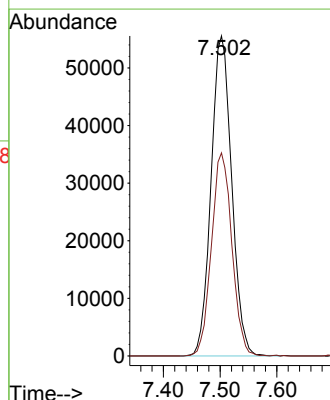
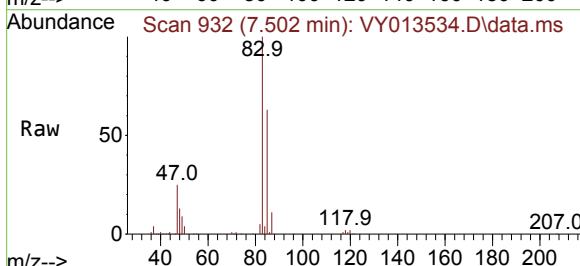
Acq: 01 May 2023 13:00

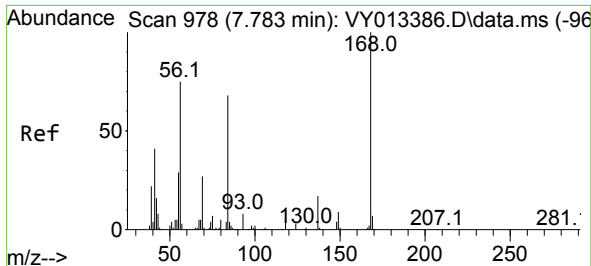
Tgt Ion: 83 Resp: 140251

Ion Ratio Lower Upper

83 100

85 63.5 52.0 78.0

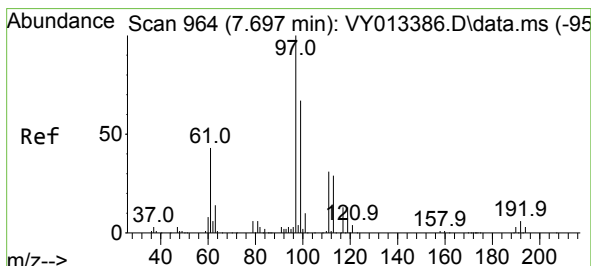
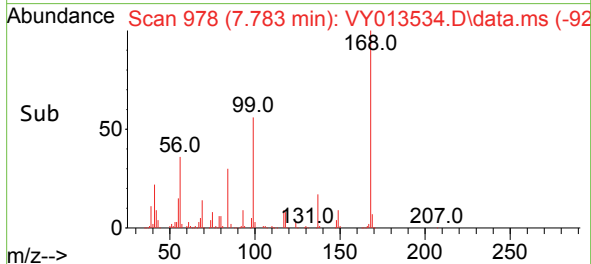
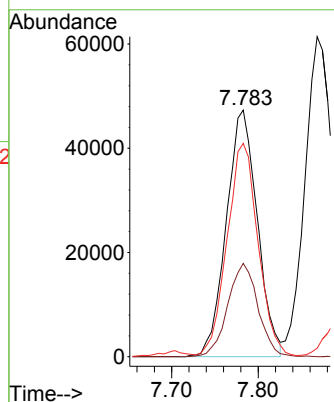
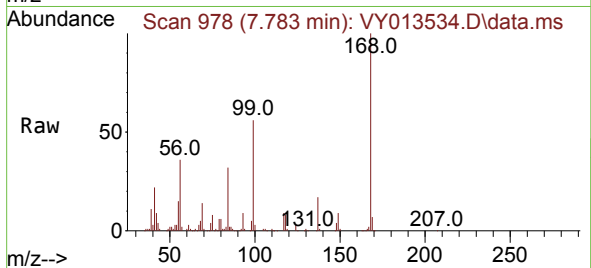




#31
Cyclohexane
Concen: 19.630 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

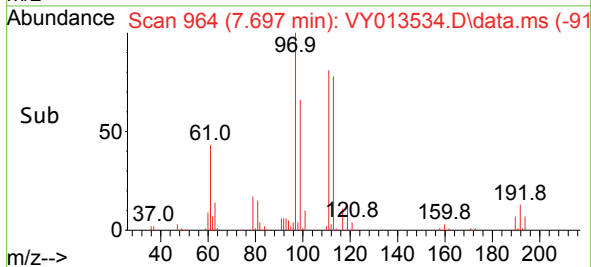
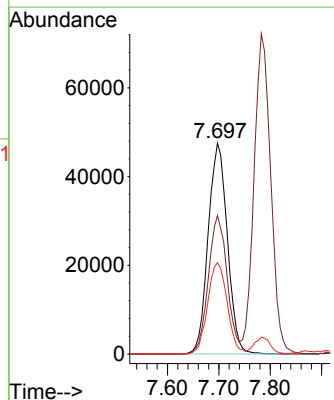
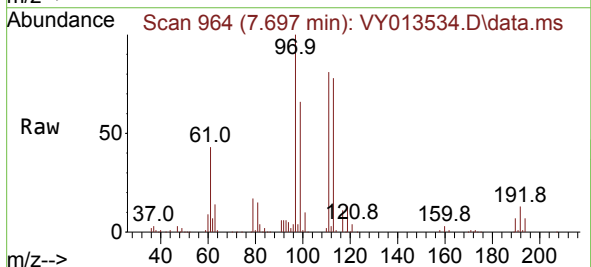
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

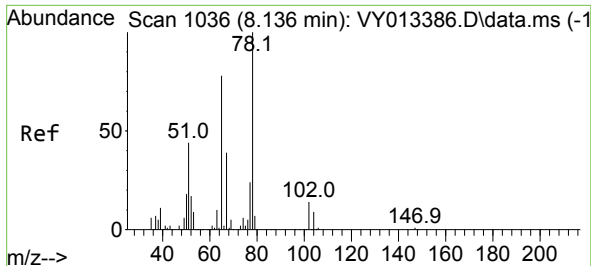
Tgt Ion: 56 Resp: 117704
Ion Ratio Lower Upper
56 100
69 37.8 29.2 43.8
84 84.9 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 21.671 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 97 Resp: 123392
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 44.1 33.8 50.8

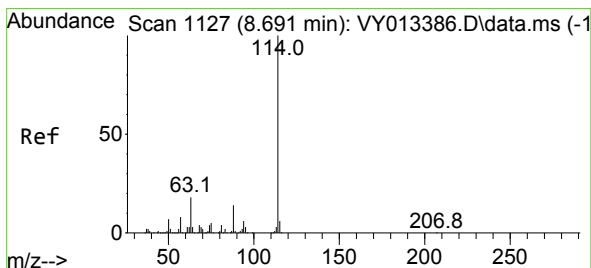
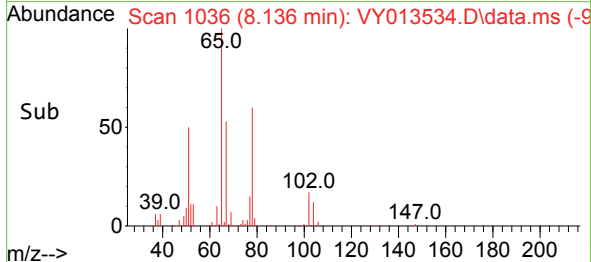
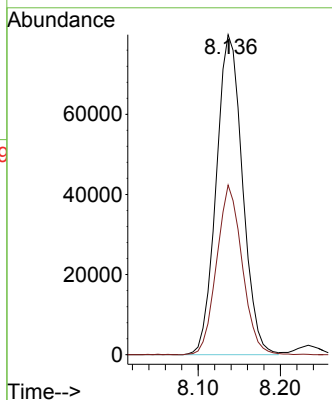
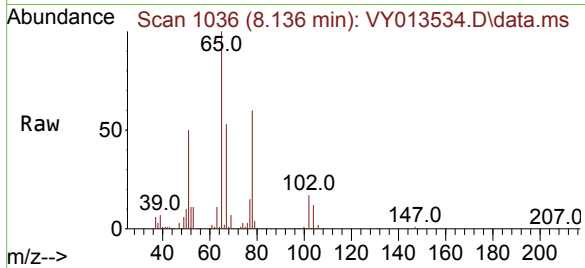




#33
1,2-Dichloroethane-d4
Concen: 53.027 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

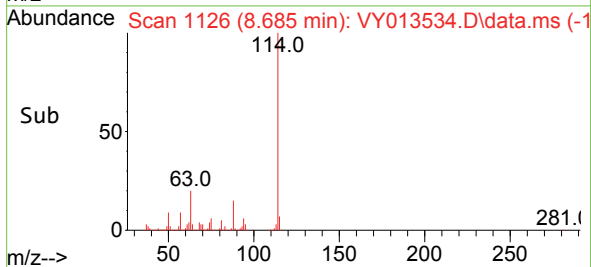
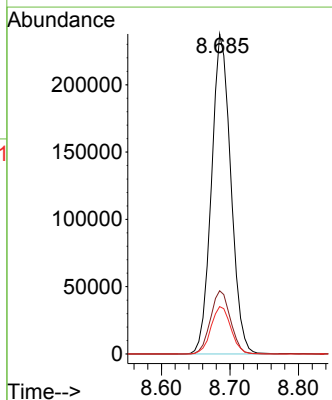
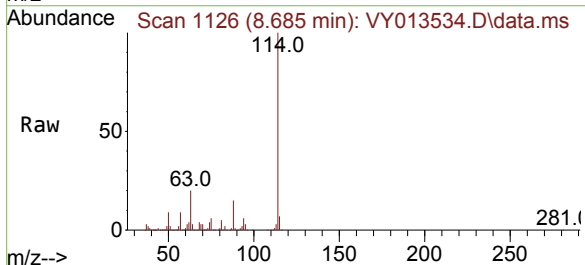
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

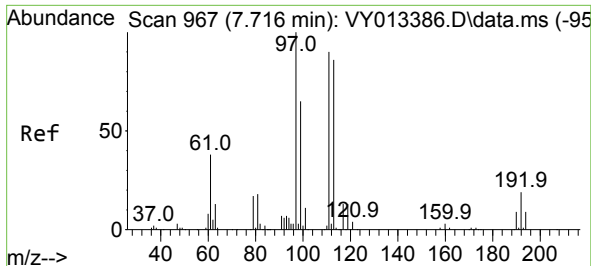
Tgt Ion: 65 Resp: 177589
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion:114 Resp: 465721
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.6
88 14.8 0.0 28.8

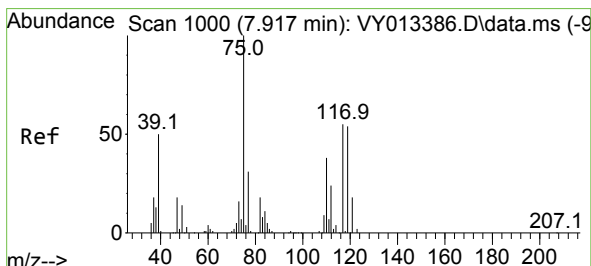
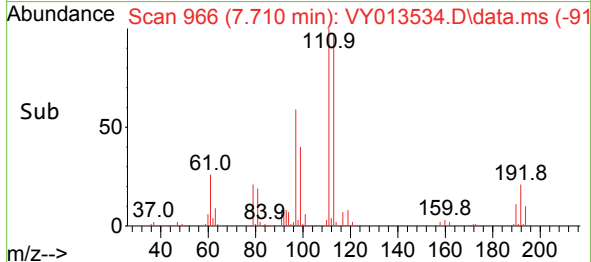
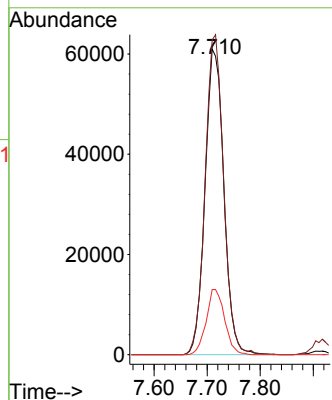
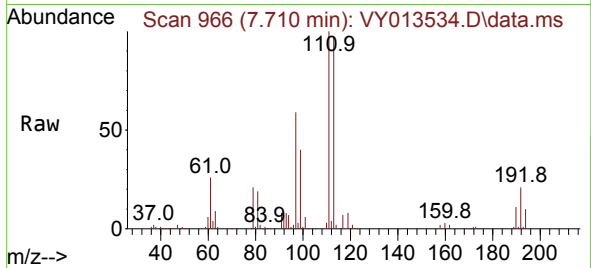




#35
Dibromofluoromethane
Concen: 51.305 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

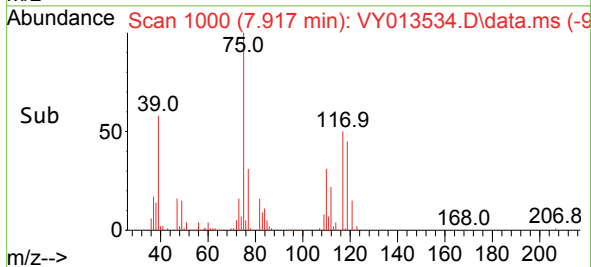
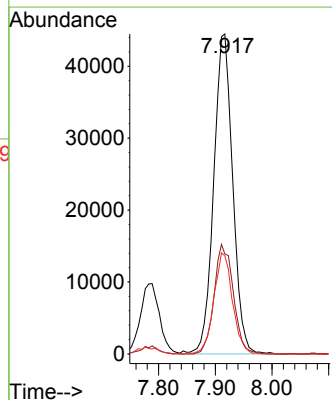
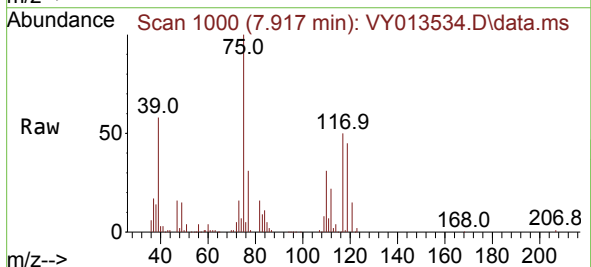
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

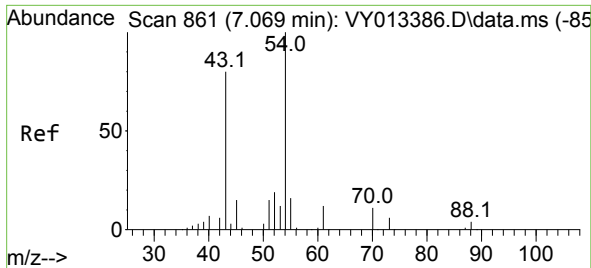
Tgt Ion:113 Resp: 150280
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 21.310 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 75 Resp: 103596
Ion Ratio Lower Upper
75 100
110 34.6 18.7 56.1
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 25.534 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS02

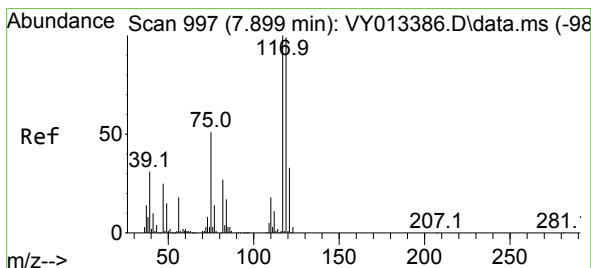
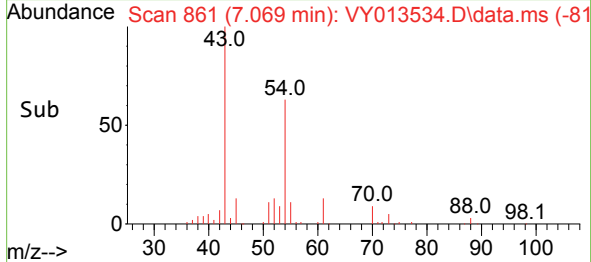
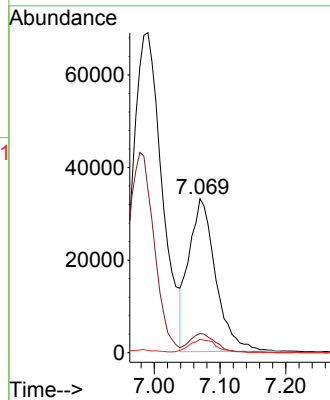
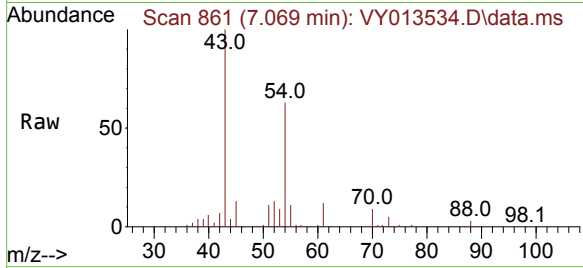
Tgt Ion: 43 Resp: 93411

Ion Ratio Lower Upper

43 100

61 11.4 11.4 17.0

70 9.1 7.9 11.9



#38

Carbon Tetrachloride

Concen: 21.891 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

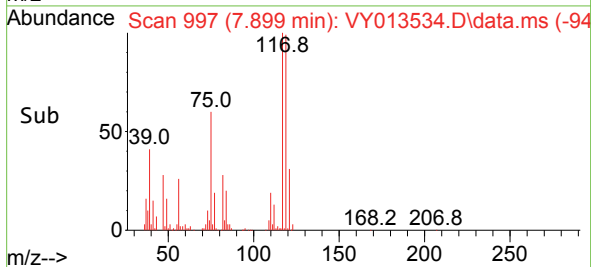
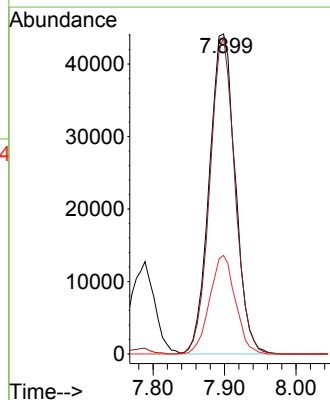
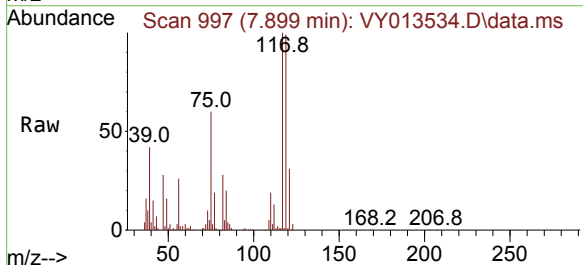
Tgt Ion: 117 Resp: 111541

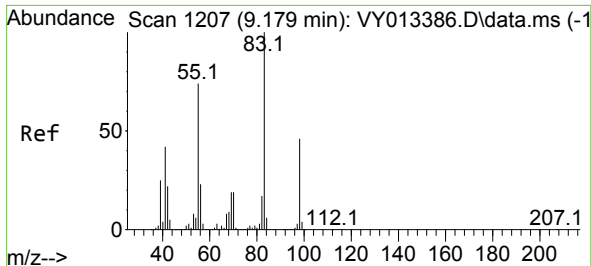
Ion Ratio Lower Upper

117 100

119 99.0 79.0 118.6

121 30.8 26.6 40.0





#39

Methylcyclohexane

Concen: 20.160 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS02

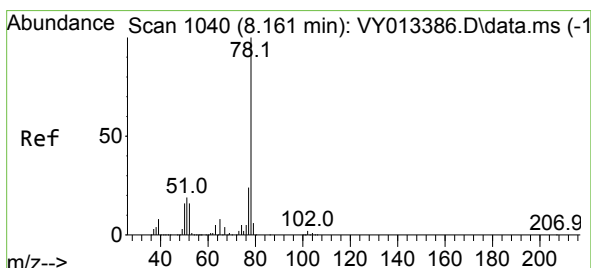
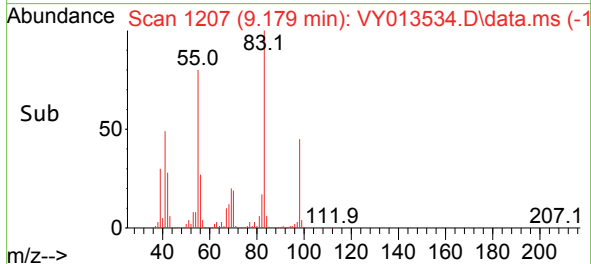
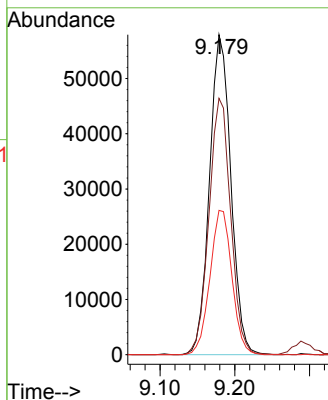
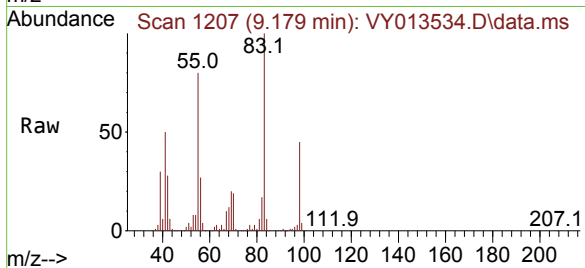
Tgt Ion: 83 Resp: 115537

Ion Ratio Lower Upper

83 100

55 80.1 59.0 88.4

98 45.1 37.0 55.4



#40

Benzene

Concen: 21.496 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013534.D

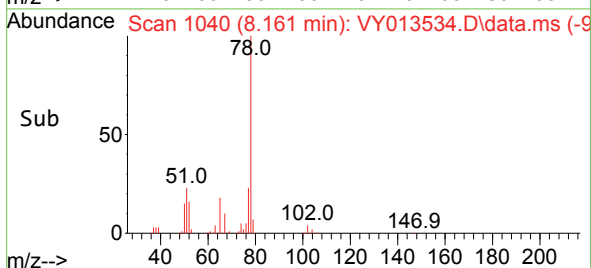
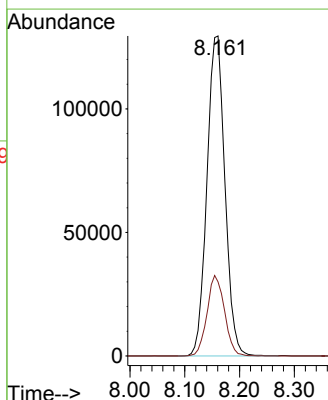
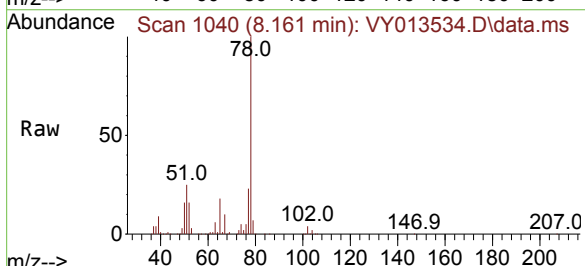
Acq: 01 May 2023 13:00

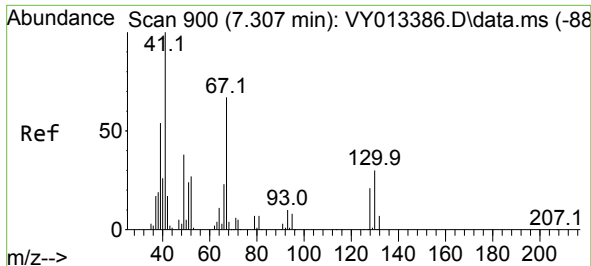
Tgt Ion: 78 Resp: 294359

Ion Ratio Lower Upper

78 100

77 23.2 19.2 28.8

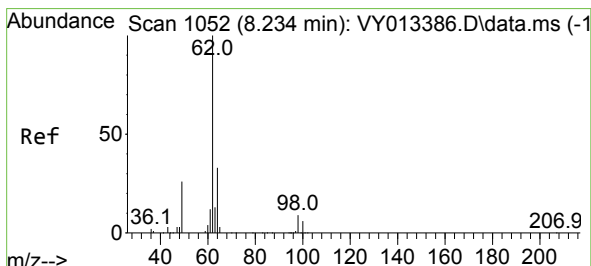
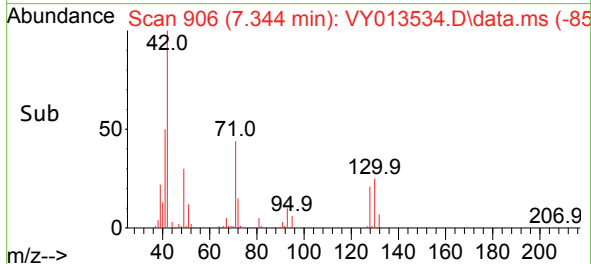
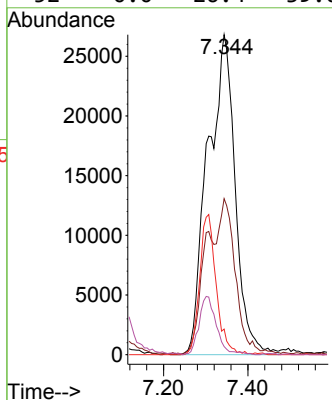
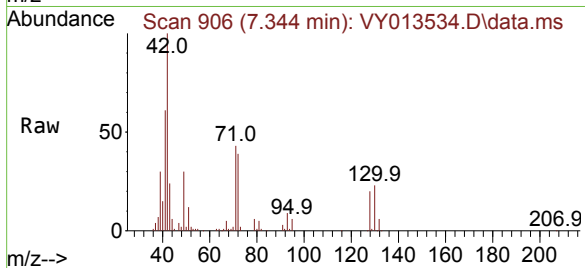




#41
Methacrylonitrile
Concen: 70.929 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

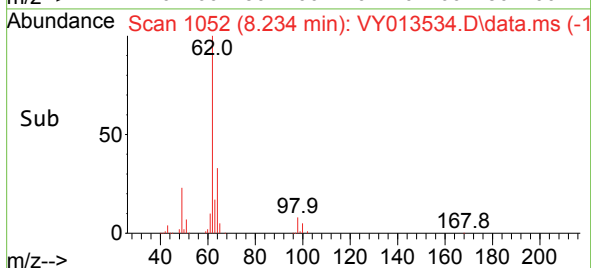
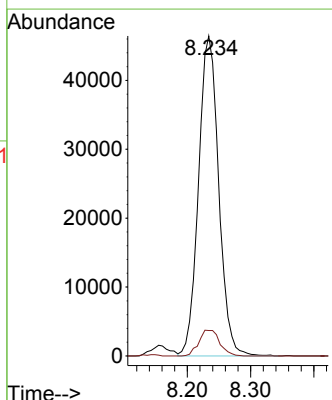
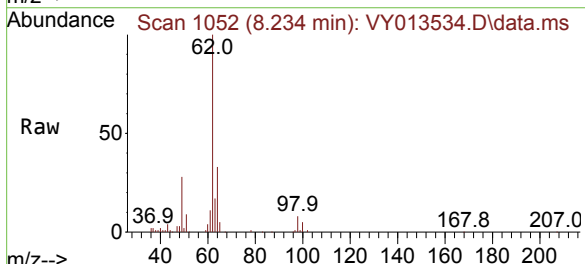
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

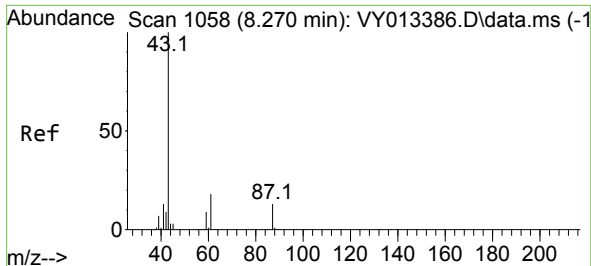
Tgt Ion: 41 Resp: 120917
Ion Ratio Lower Upper
41 100
39 27.4 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 23.066 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 62 Resp: 103268
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8

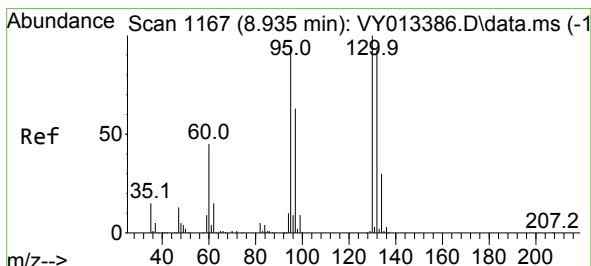
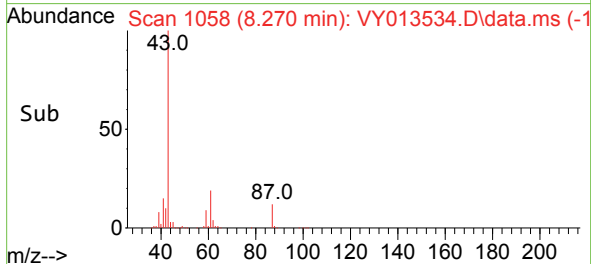
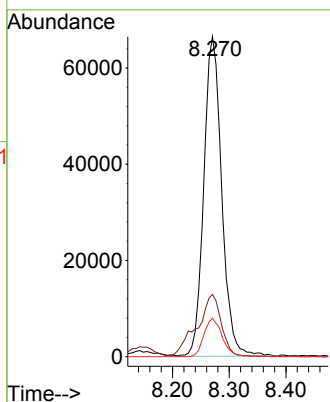
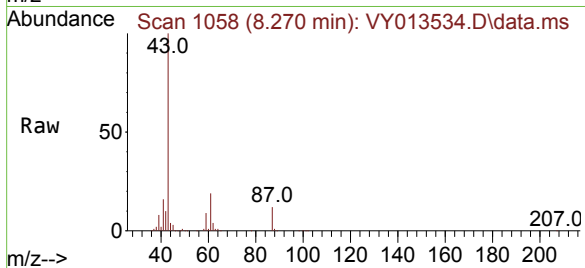




#43
Isopropyl Acetate
Concen: 23.694 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

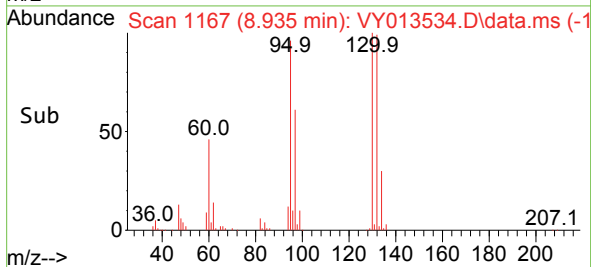
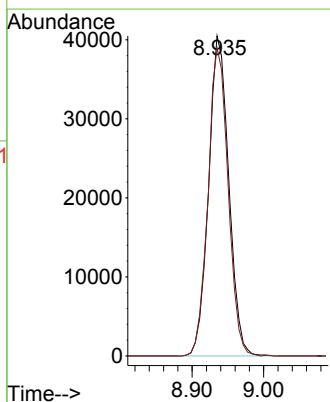
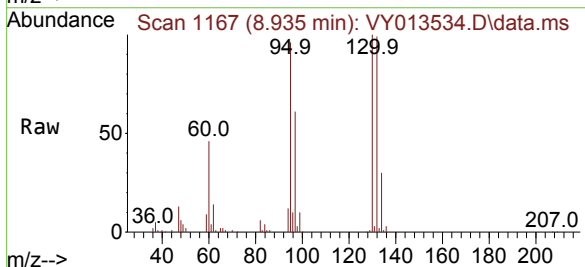
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

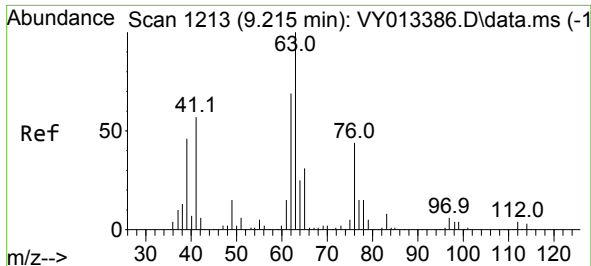
Tgt Ion: 43 Resp: 146309
Ion Ratio Lower Upper
43 100
61 26.3 22.2 33.4
87 12.1 11.0 16.6



#44
Trichloroethene
Concen: 21.731 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion:130 Resp: 79158
Ion Ratio Lower Upper
130 100
95 96.3 0.0 188.8

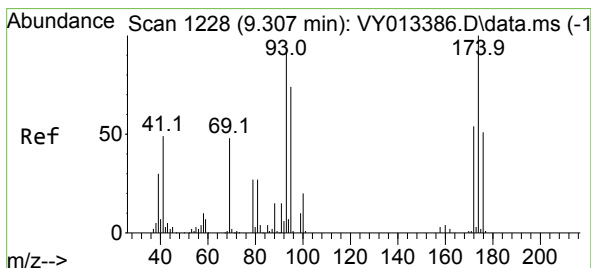
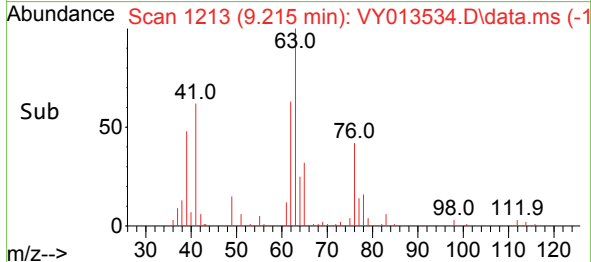
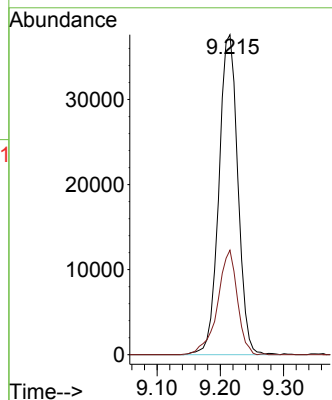
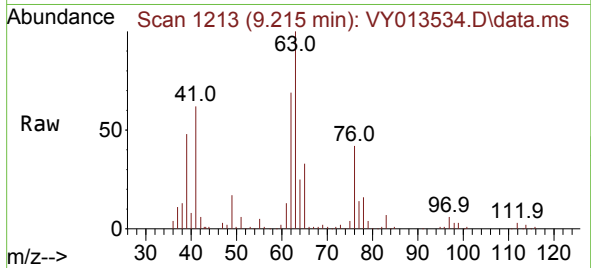




#45
1,2-Dichloropropane
Concen: 21.793 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

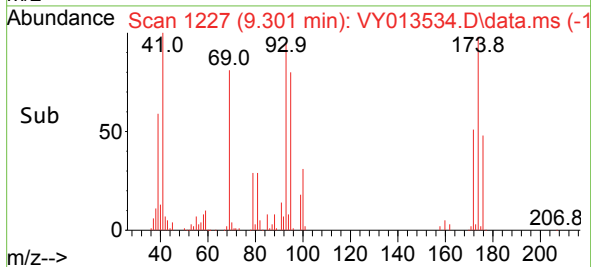
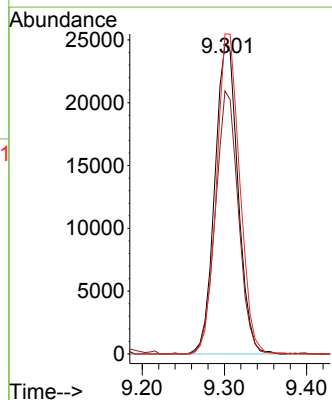
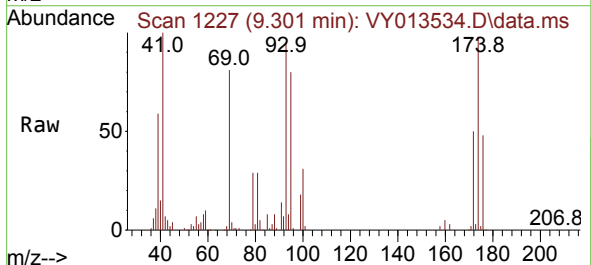
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

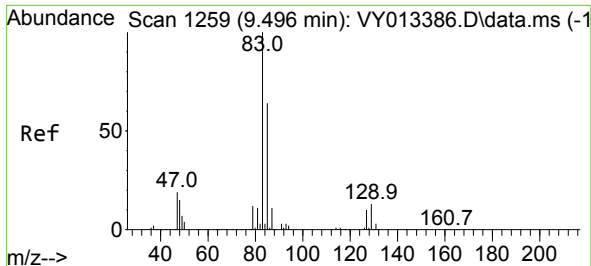
Tgt Ion: 63 Resp: 78028
Ion Ratio Lower Upper
63 100
65 32.7 24.6 37.0



#46
Dibromomethane
Concen: 22.545 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 93 Resp: 48298
Ion Ratio Lower Upper
93 100
95 83.7 67.1 100.7
174 103.5 87.0 130.4

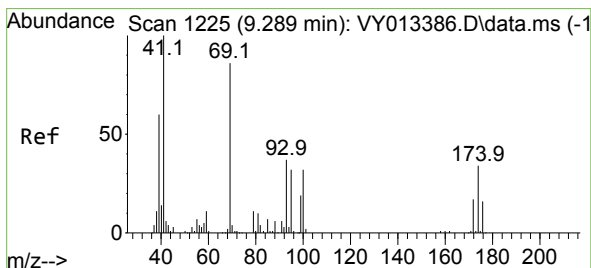
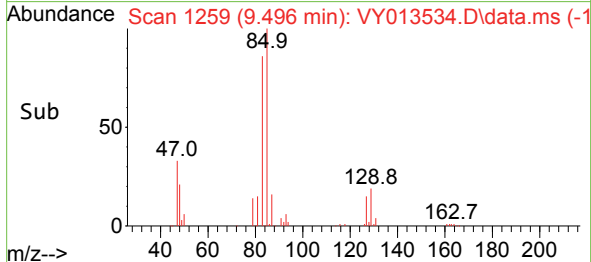
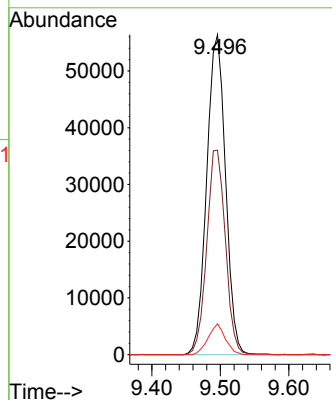
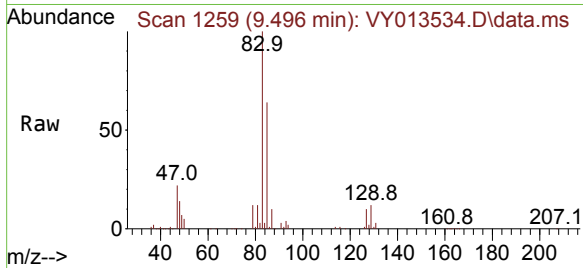




#47
Bromodichloromethane
Concen: 22.453 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

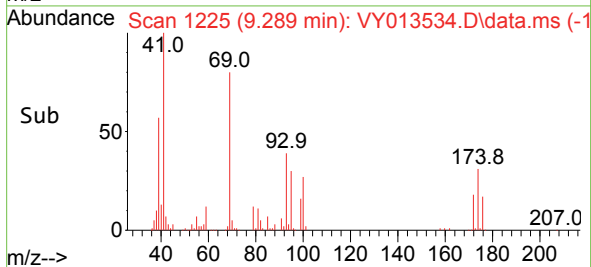
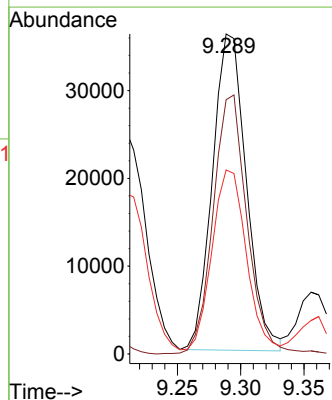
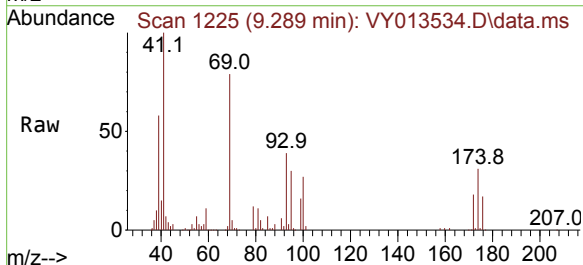
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

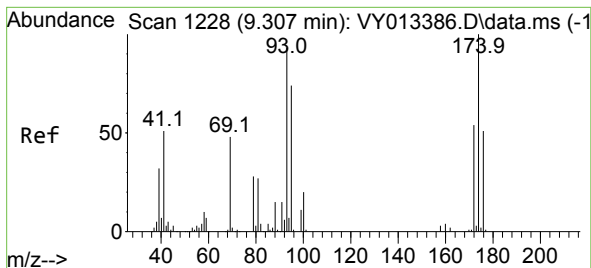
Tgt Ion: 83 Resp: 107635
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.2
127 9.6 8.1 12.1



#48
Methyl methacrylate
Concen: 23.679 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 41 Resp: 67151
Ion Ratio Lower Upper
41 100
69 82.3 70.2 105.4
39 57.4 47.9 71.9





#49

1,4-Dioxane

Concen: 515.149 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS02

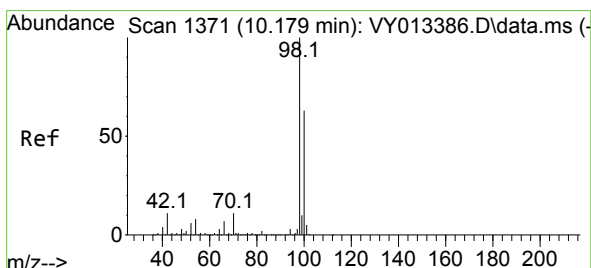
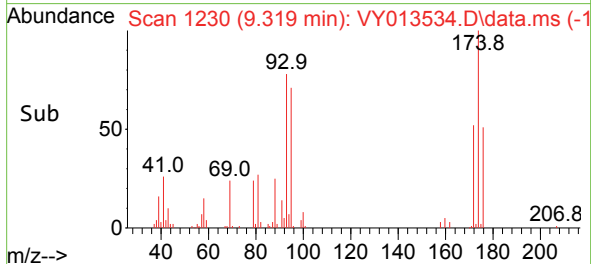
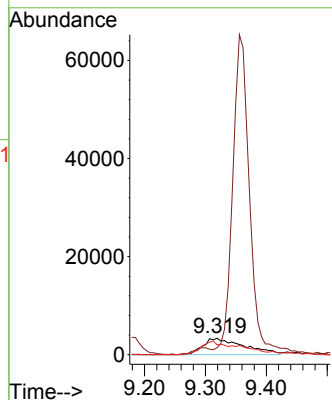
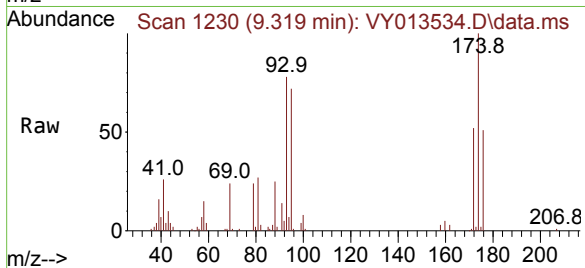
Tgt Ion: 88 Resp: 15762

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 81.5 54.3 81.5#



#50

Toluene-d8

Concen: 50.286 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013534.D

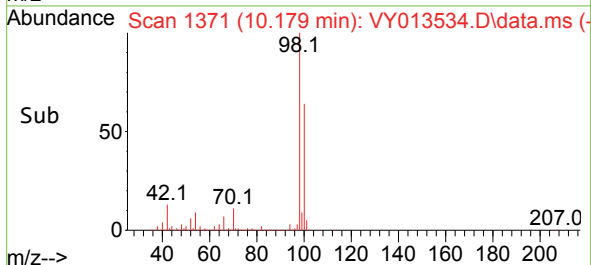
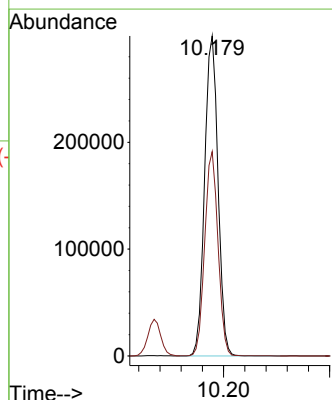
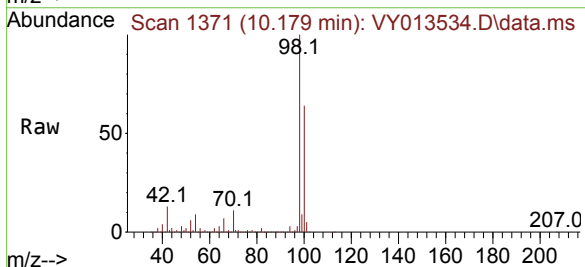
Acq: 01 May 2023 13:00

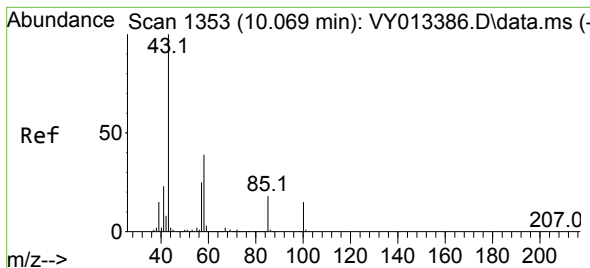
Tgt Ion: 98 Resp: 523994

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7

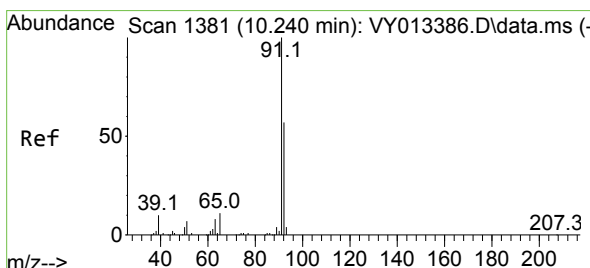
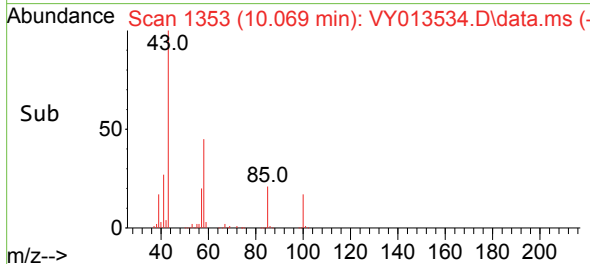
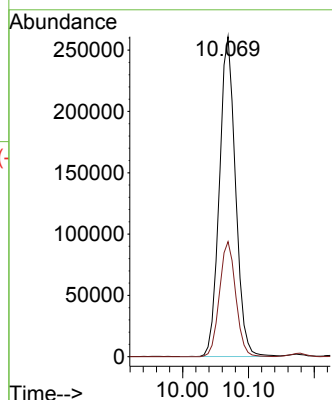
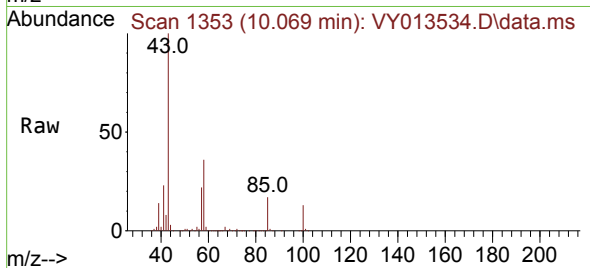




#51
4-Methyl-2-Pentanone
Concen: 129.747 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

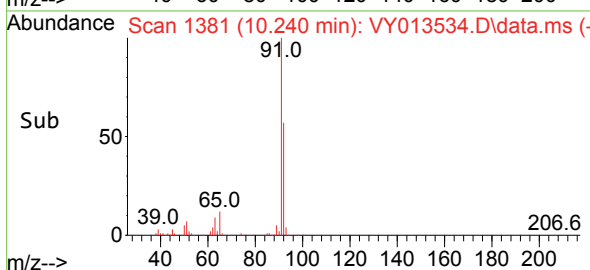
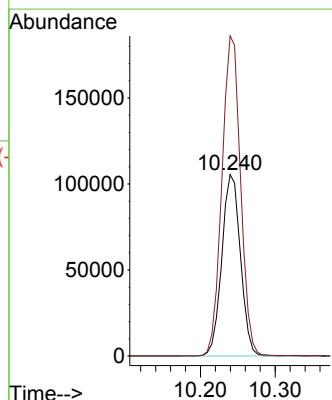
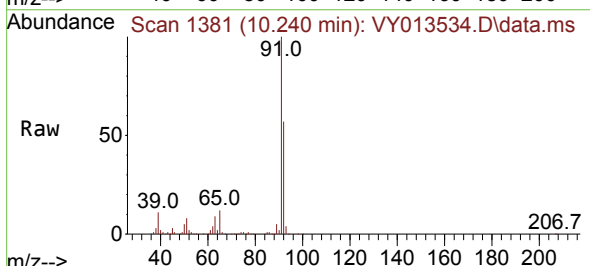
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

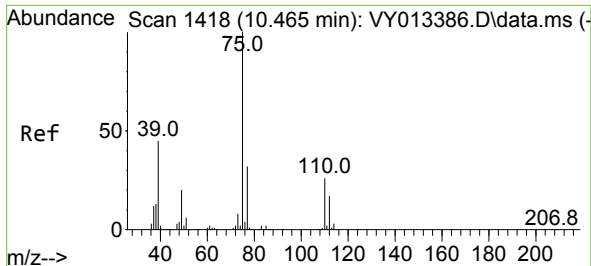
Tgt Ion: 43 Resp: 446450
Ion Ratio Lower Upper
43 100
58 36.2 30.6 46.0



#52
Toluene
Concen: 22.190 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 92 Resp: 182862
Ion Ratio Lower Upper
92 100
91 176.8 140.2 210.4

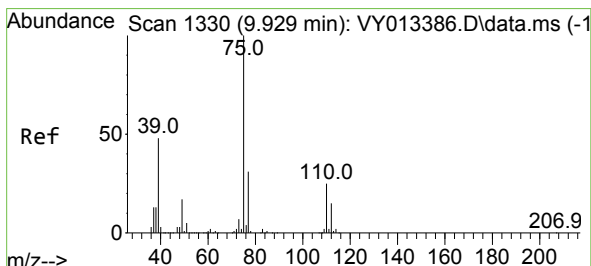
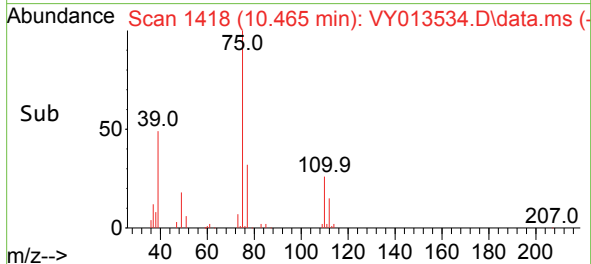
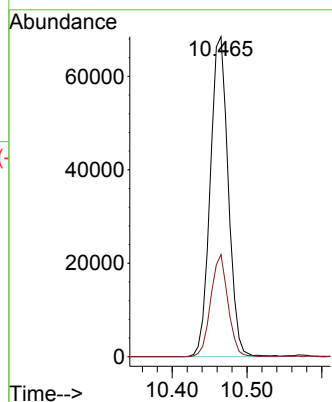
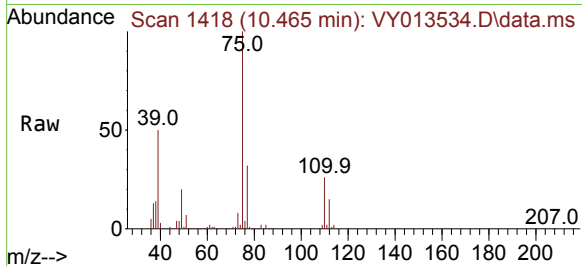




#53
 t-1,3-Dichloropropene
 Concen: 22.657 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013534.D
 Acq: 01 May 2023 13:00

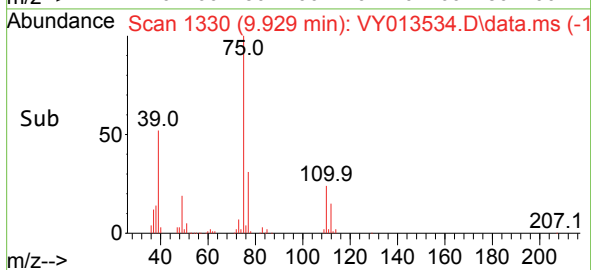
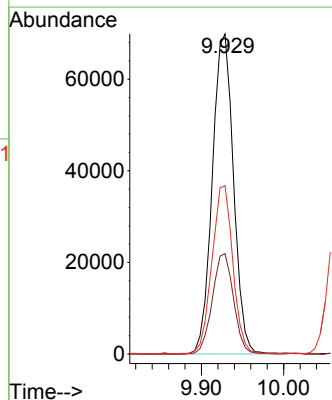
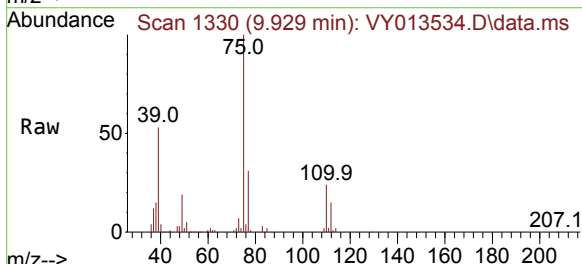
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS02

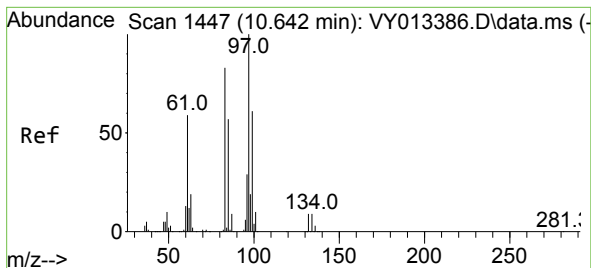
Tgt Ion: 75 Resp: 114947
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.884 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013534.D
 Acq: 01 May 2023 13:00

Tgt Ion: 75 Resp: 124930
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 52.5 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 23.261 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS02

Tgt Ion: 97 Resp: 65992

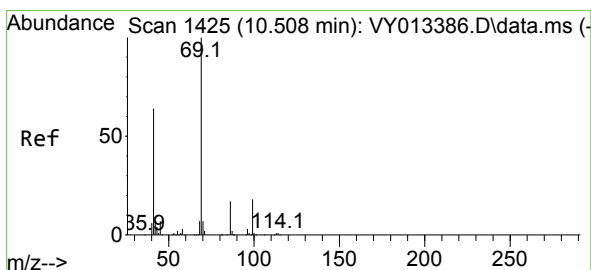
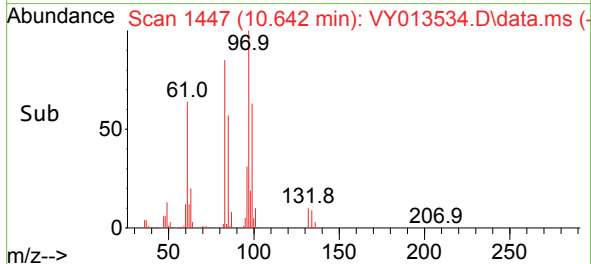
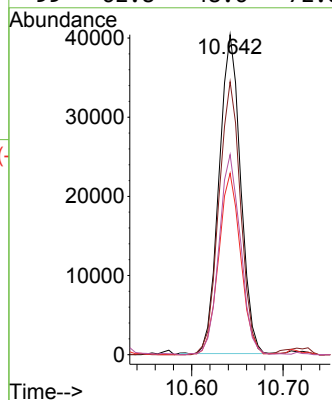
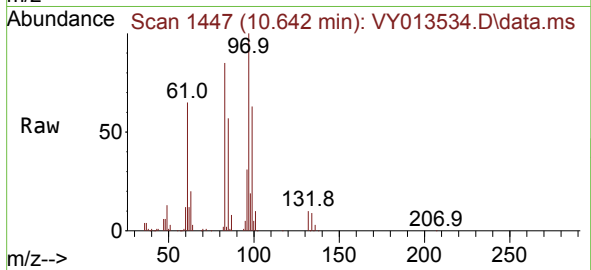
Ion Ratio Lower Upper

97 100

83 85.6 66.4 99.6

85 56.9 45.6 68.4

99 62.8 48.6 72.8



#56

Ethyl methacrylate

Concen: 24.009 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

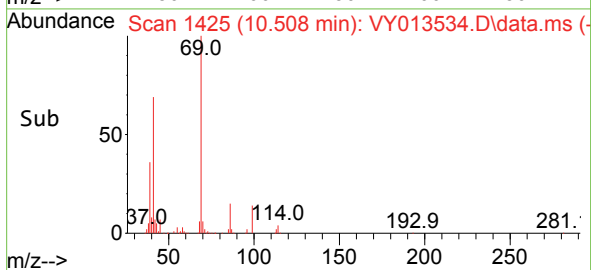
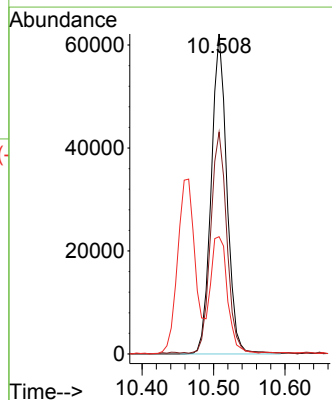
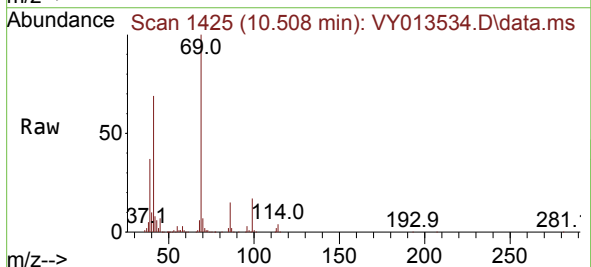
Tgt Ion: 69 Resp: 94501

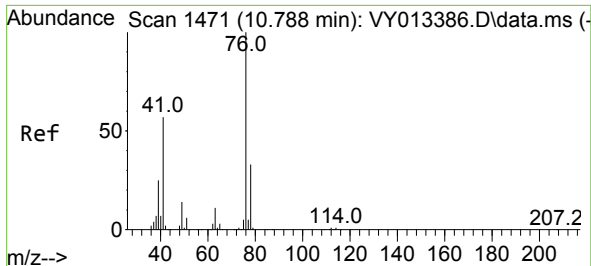
Ion Ratio Lower Upper

69 100

41 72.7 51.4 77.0

39 37.8 29.0 43.6





#57

1,3-Dichloropropane

Concen: 23.252 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

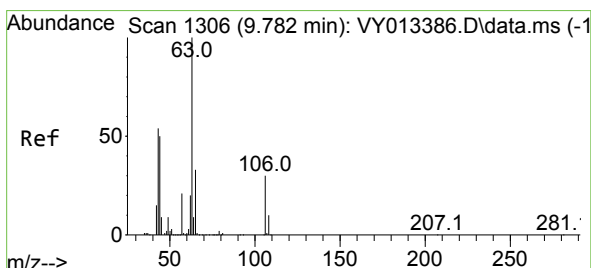
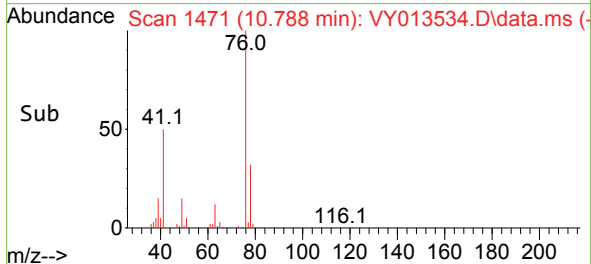
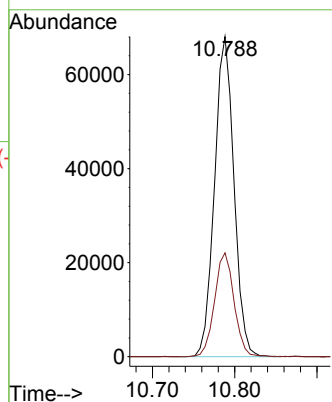
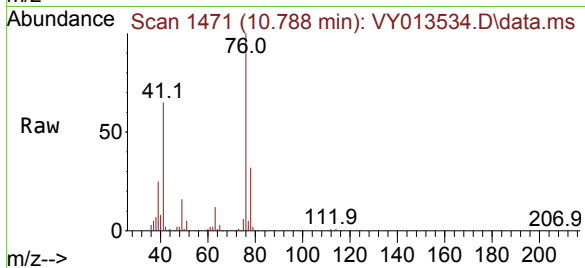
VY0501SBS02

Tgt Ion: 76 Resp: 111722

Ion Ratio Lower Upper

76 100

78 32.6 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 126.397 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013534.D

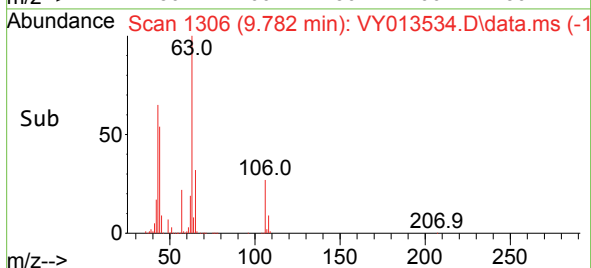
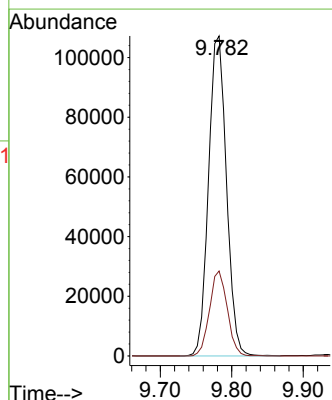
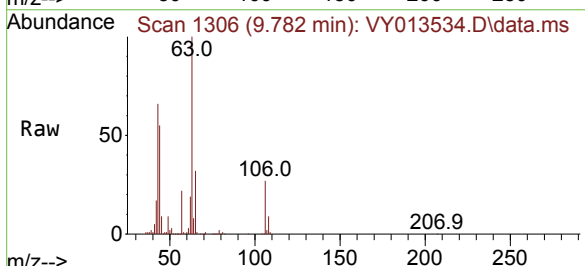
Acq: 01 May 2023 13:00

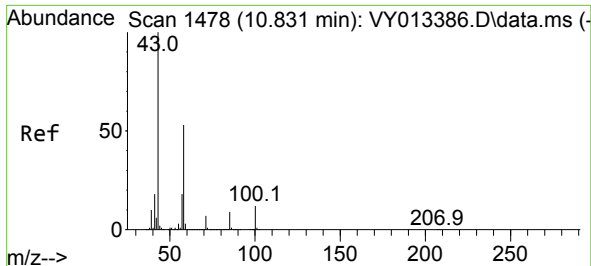
Tgt Ion: 63 Resp: 186555

Ion Ratio Lower Upper

63 100

106 26.3 23.5 35.3

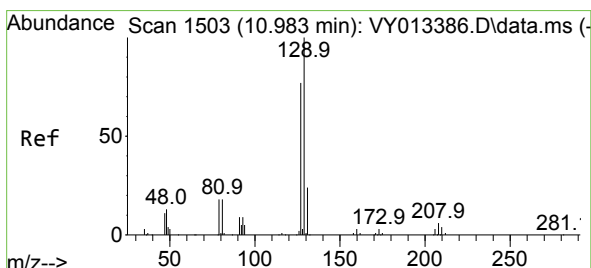
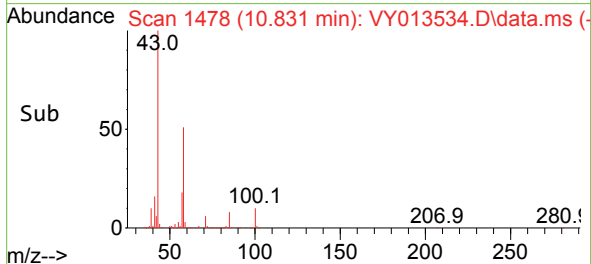
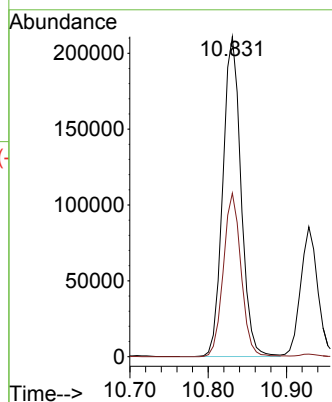
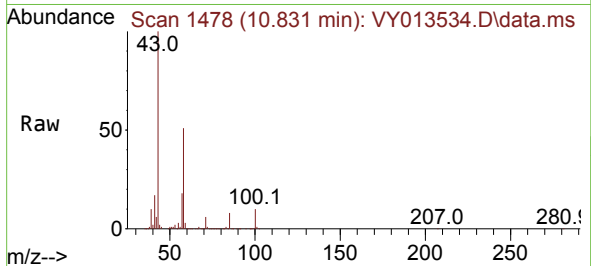




#59
2-Hexanone
Concen: 136.004 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

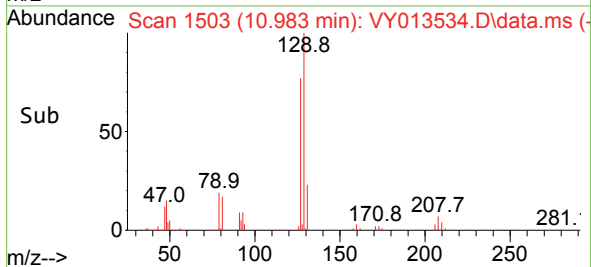
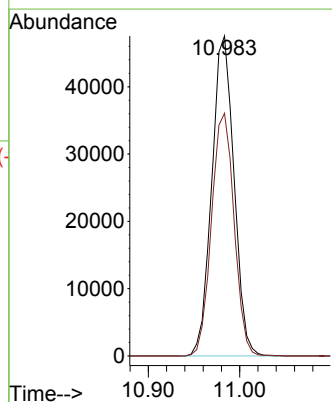
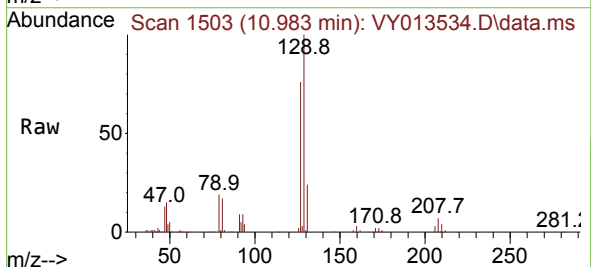
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

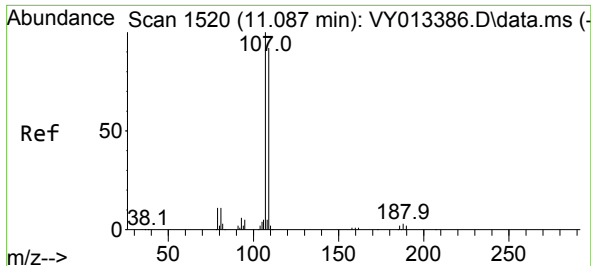
Tgt Ion: 43 Resp: 340185
Ion Ratio Lower Upper
43 100
58 50.0 26.3 78.8



#60
Dibromochloromethane
Concen: 23.315 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 129 Resp: 80316
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

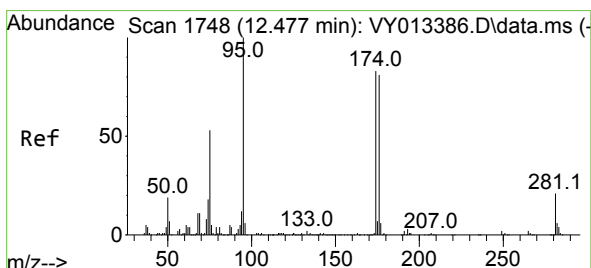
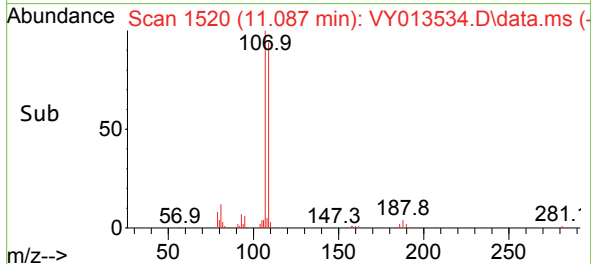
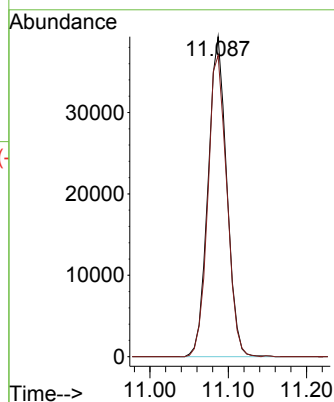
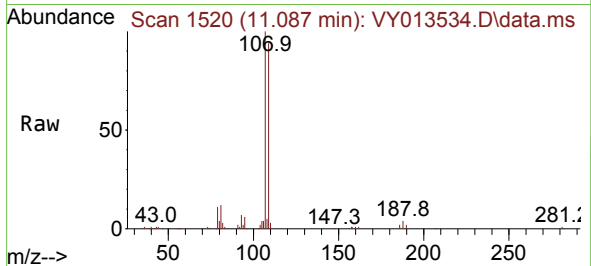




#61
1,2-Dibromoethane
Concen: 23.314 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

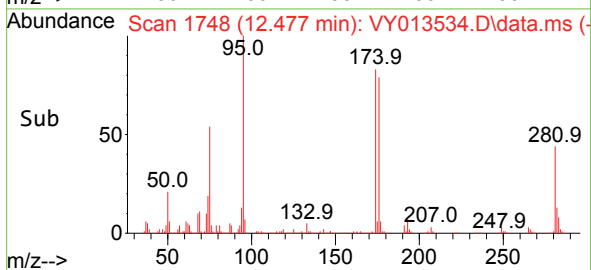
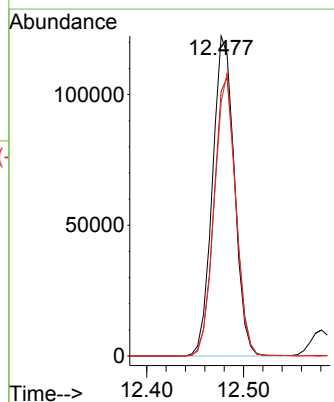
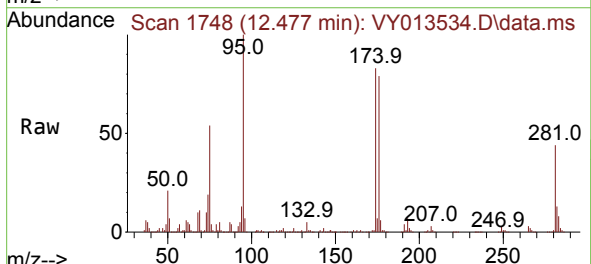
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

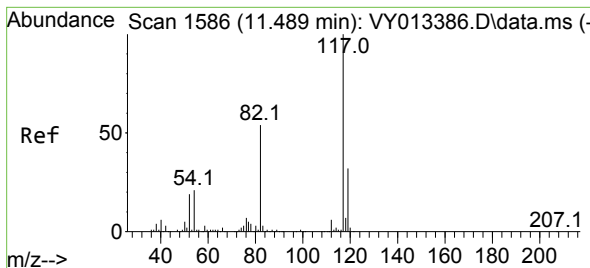
Tgt Ion:107 Resp: 65031
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.645 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 95 Resp: 191964
Ion Ratio Lower Upper
95 100
174 87.6 0.0 182.0
176 85.7 0.0 175.4

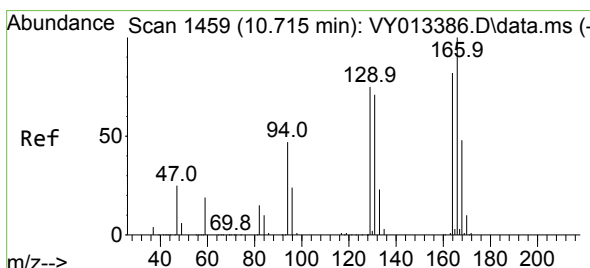
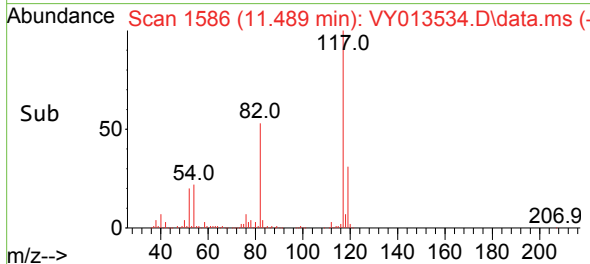
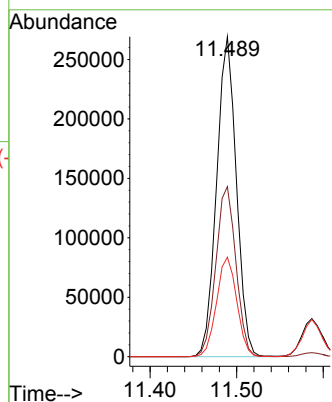
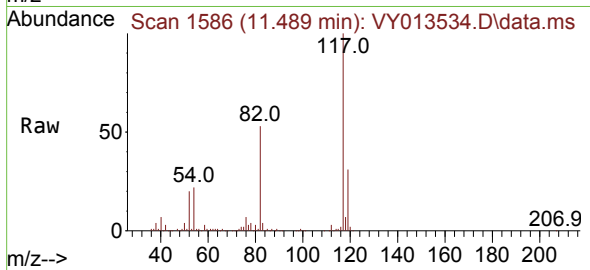




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

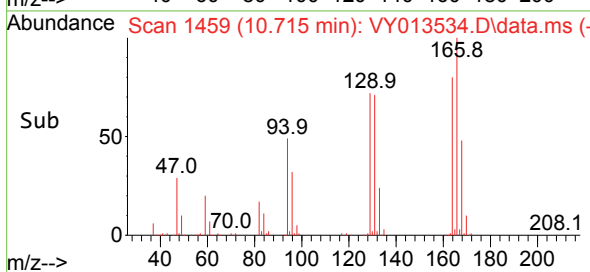
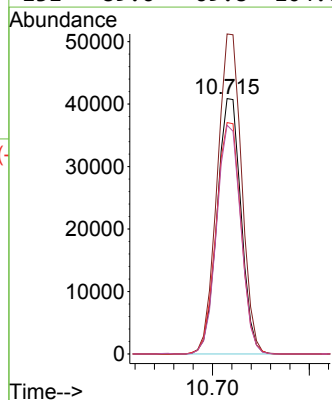
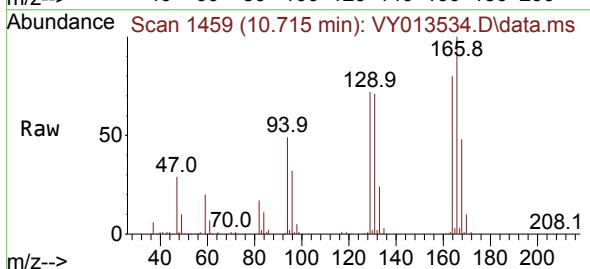
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

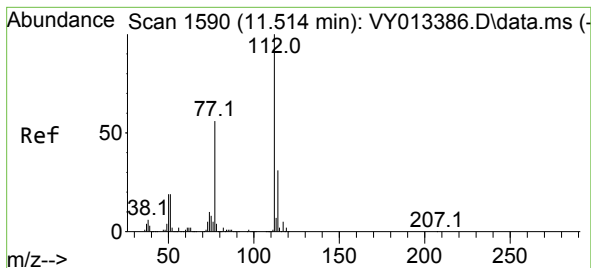
Tgt Ion:117 Resp: 426559
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.6
119 31.1 25.5 38.3



#64
Tetrachloroethene
Concen: 21.608 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion:164 Resp: 70086
Ion Ratio Lower Upper
164 100
166 125.3 97.5 146.3
129 90.6 72.6 109.0
131 89.6 69.8 104.6





#65

Chlorobenzene

Concen: 21.094 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

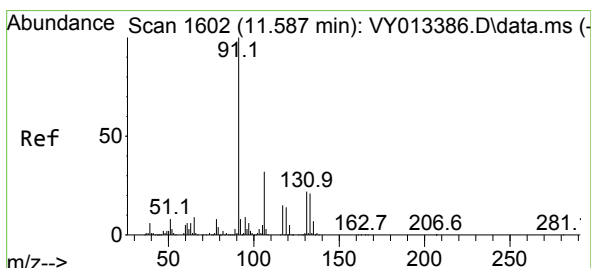
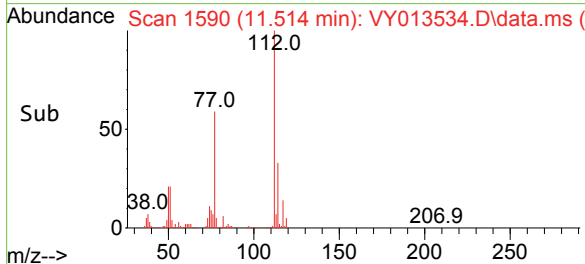
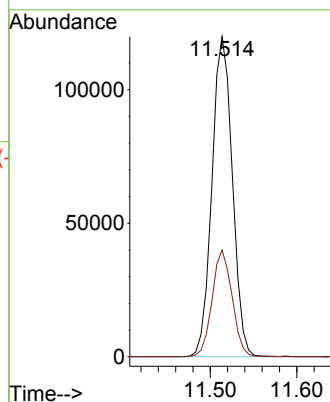
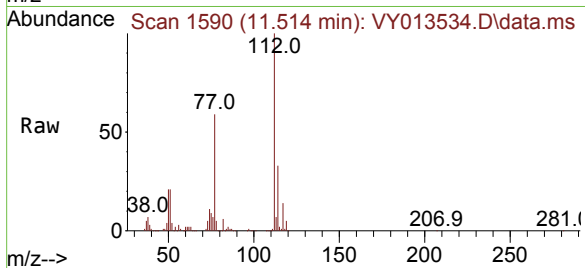
VY0501SBS02

Tgt Ion:112 Resp: 196005

Ion Ratio Lower Upper

112 100

114 33.3 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.892 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

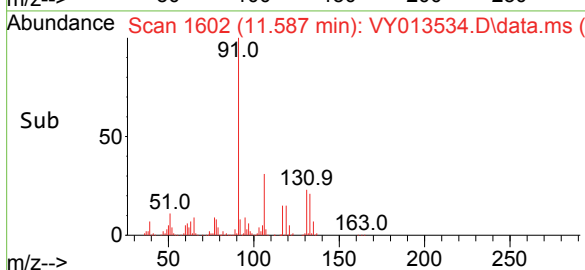
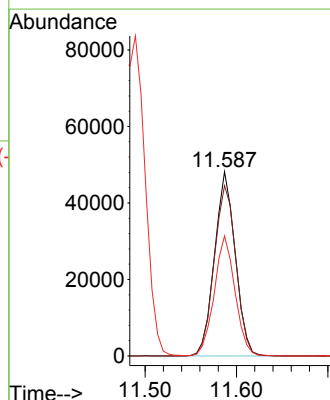
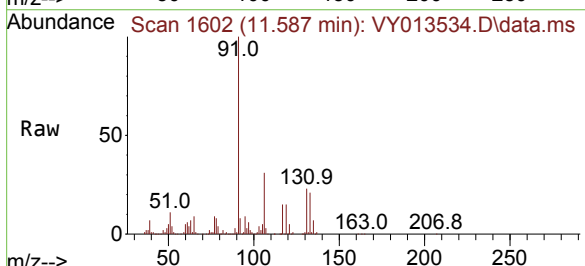
Tgt Ion:131 Resp: 76078

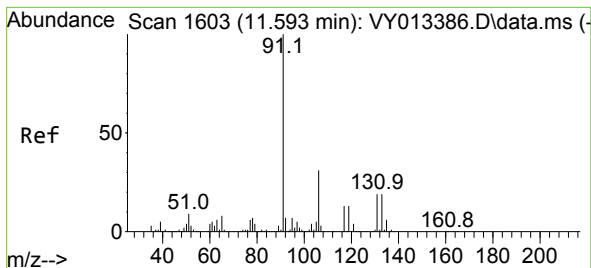
Ion Ratio Lower Upper

131 100

133 96.6 47.7 143.1

119 65.2 32.6 98.0

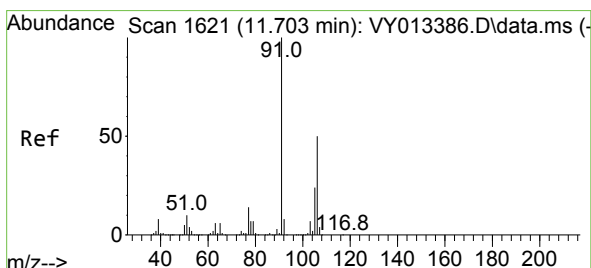
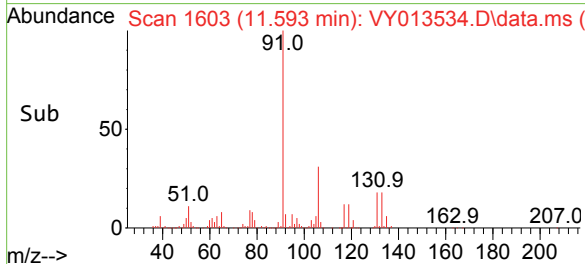
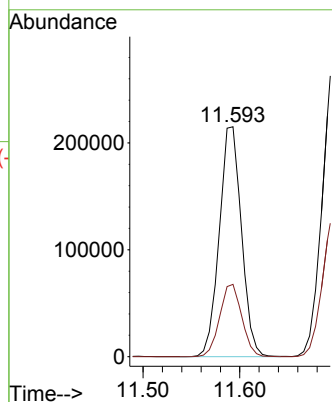
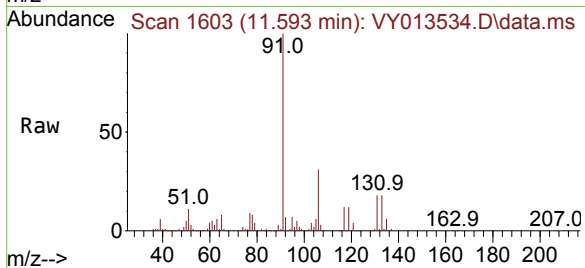




#67
Ethyl Benzene
Concen: 20.959 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

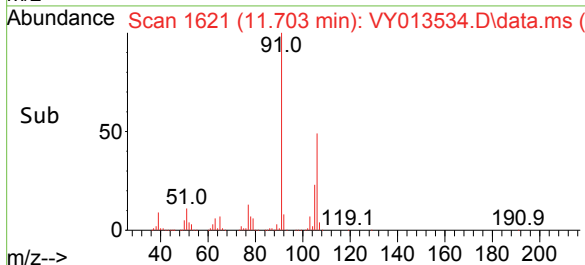
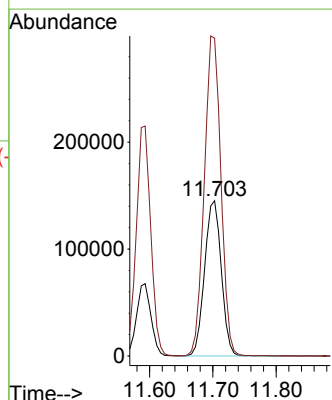
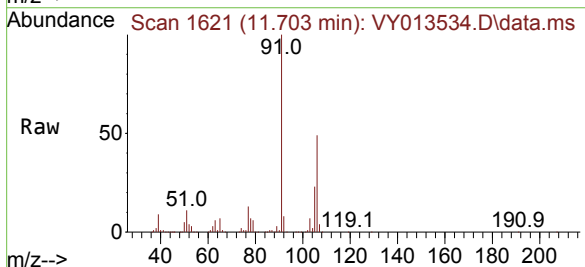
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

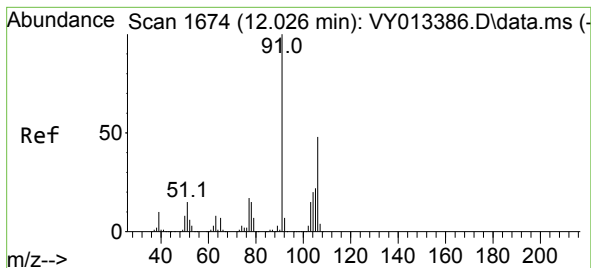
Tgt Ion: 91 Resp: 341985
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 43.024 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 106 Resp: 266876
Ion Ratio Lower Upper
106 100
91 205.1 160.9 241.3





#69

o-Xylene

Concen: 21.299 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

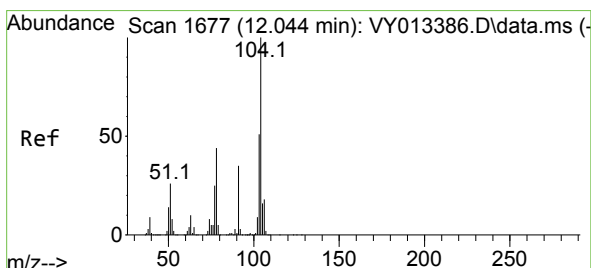
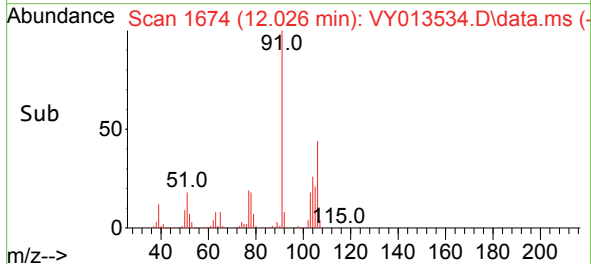
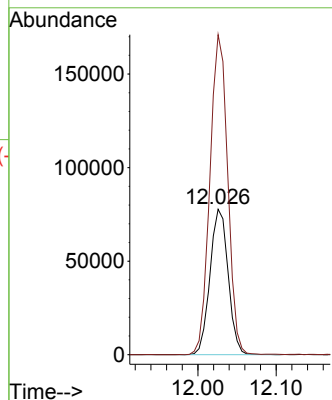
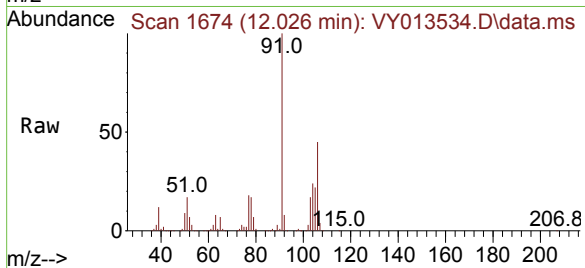
VY0501SBS02

Tgt Ion:106 Resp: 124947

Ion Ratio Lower Upper

106 100

91 216.3 105.5 316.4



#70

Styrene

Concen: 21.935 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

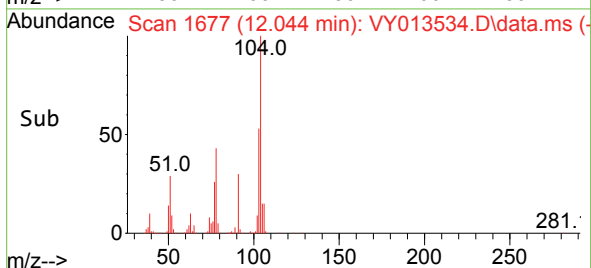
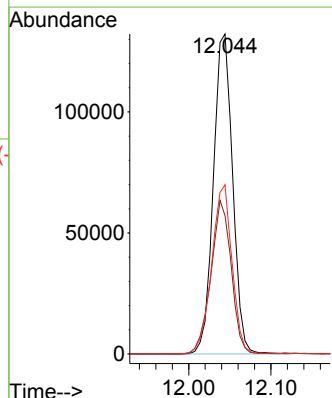
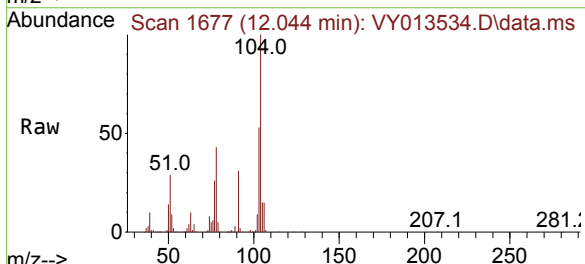
Tgt Ion:104 Resp: 215160

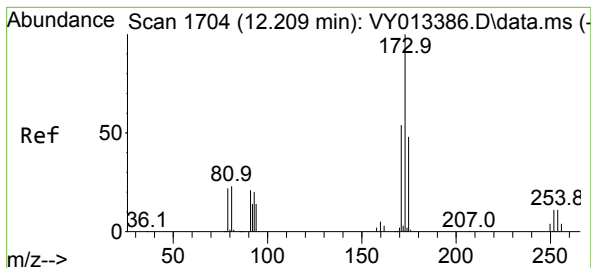
Ion Ratio Lower Upper

104 100

78 50.6 40.3 60.5

103 55.8 45.0 67.4





#71

Bromoform

Concen: 24.194 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS02

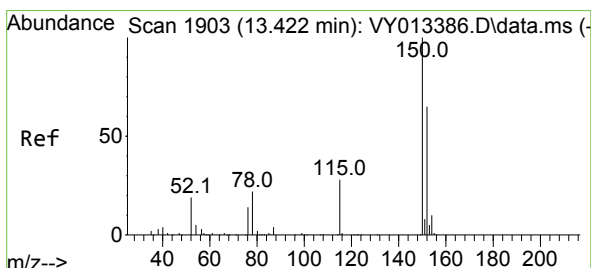
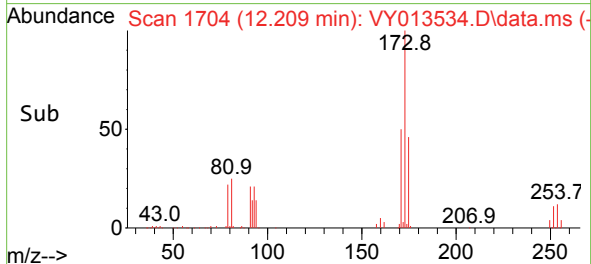
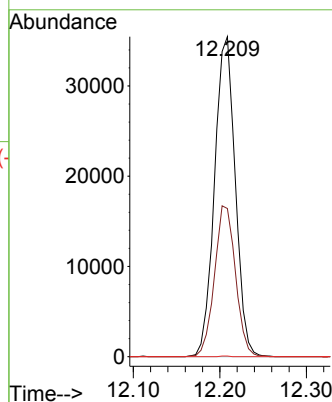
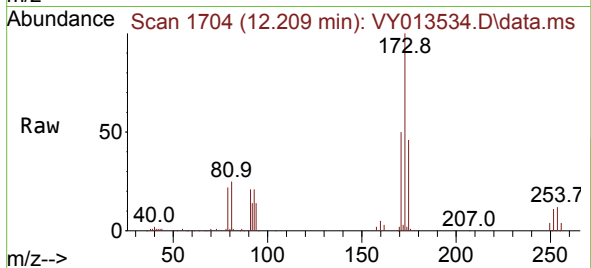
Tgt Ion:173 Resp: 58894

Ion Ratio Lower Upper

173 100

175 47.9 24.3 72.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

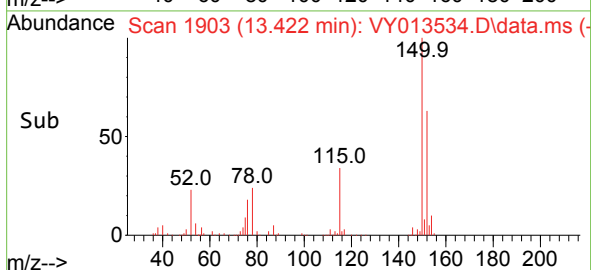
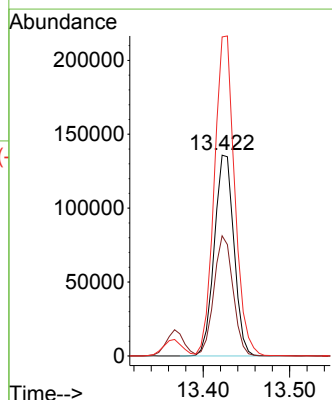
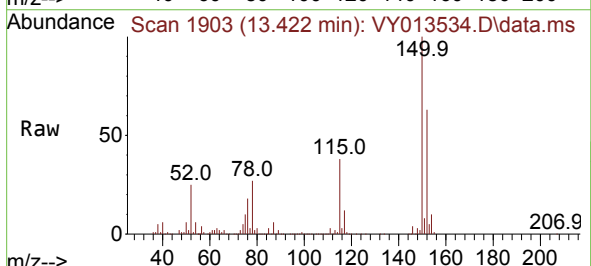
Tgt Ion:152 Resp: 214067

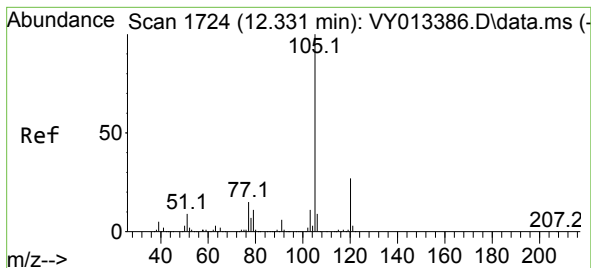
Ion Ratio Lower Upper

152 100

115 58.1 28.1 84.2

150 165.4 0.0 352.0





#73

Isopropylbenzene

Concen: 20.416 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

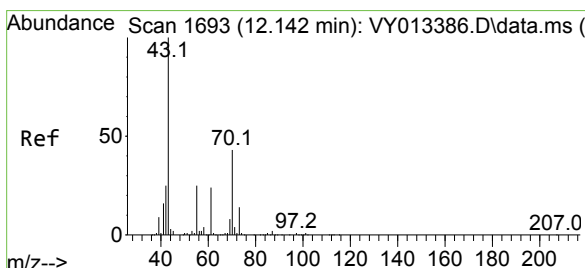
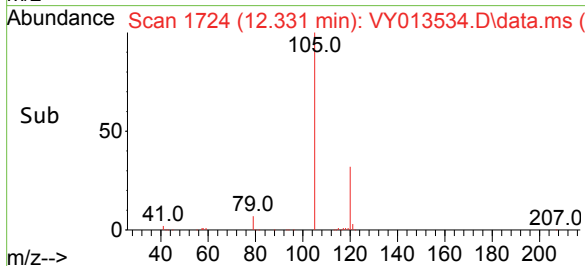
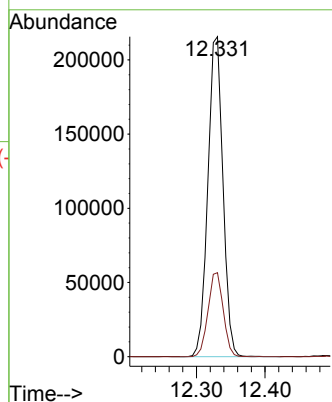
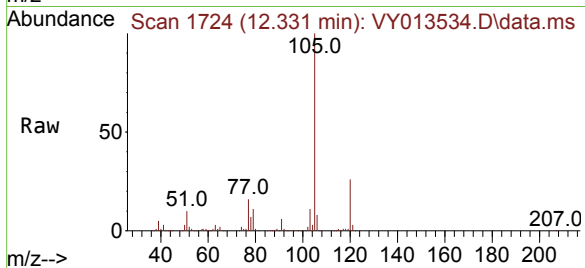
VY0501SBS02

Tgt Ion:105 Resp: 330561

Ion Ratio Lower Upper

105 100

120 26.5 13.7 41.0



#74

N-ethyl acetate

Concen: 22.562 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Tgt Ion: 43 Resp: 129999

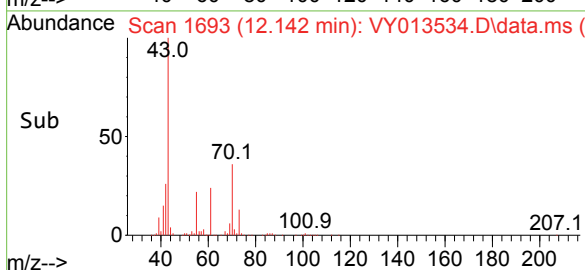
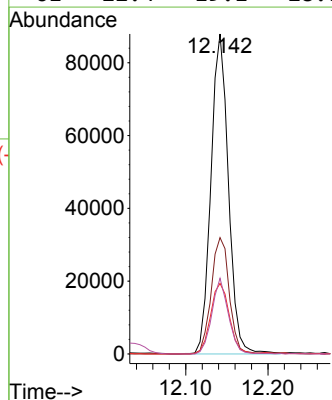
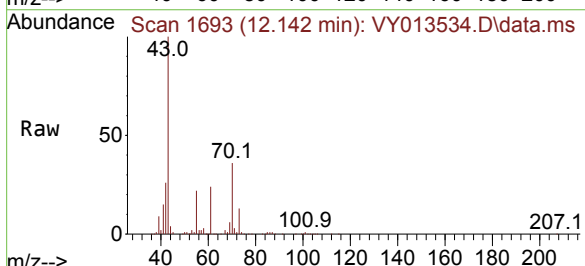
Ion Ratio Lower Upper

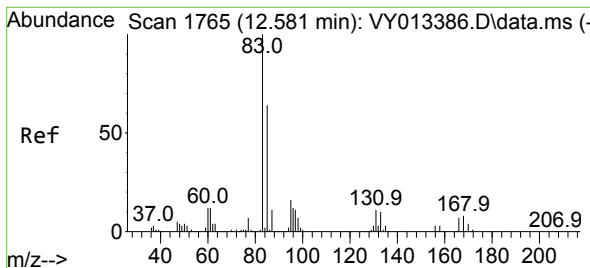
43 100

70 37.4 33.0 49.4

55 23.5 19.8 29.6

61 22.4 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.695 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS02

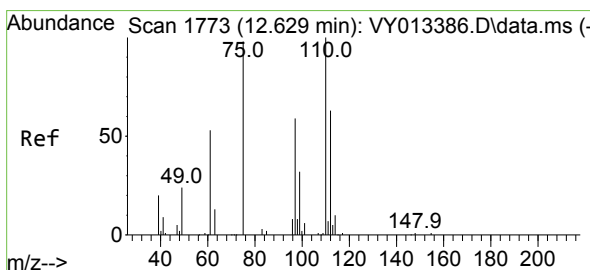
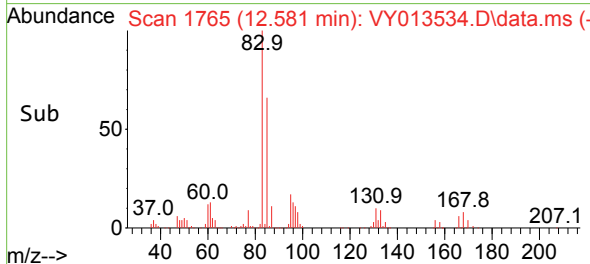
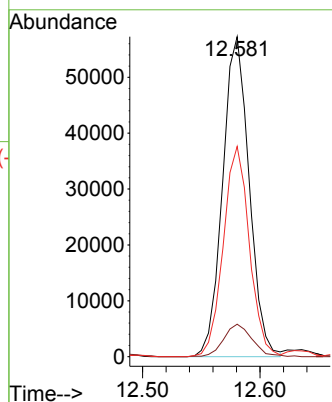
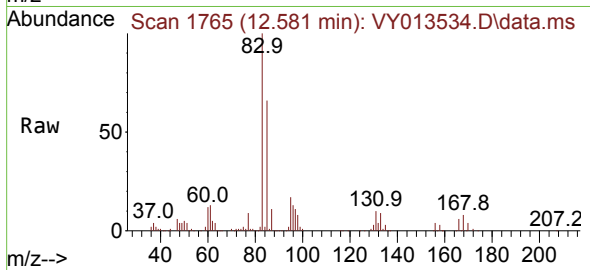
Tgt Ion: 83 Resp: 89818

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 41.655 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013534.D

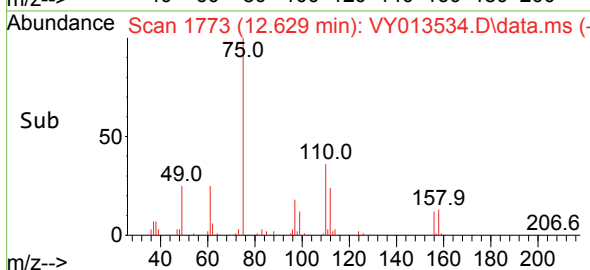
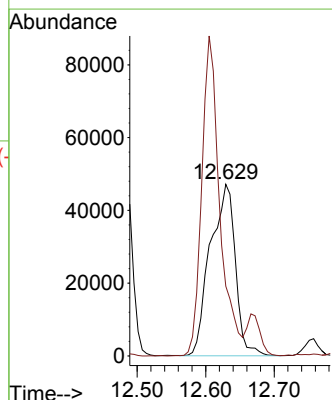
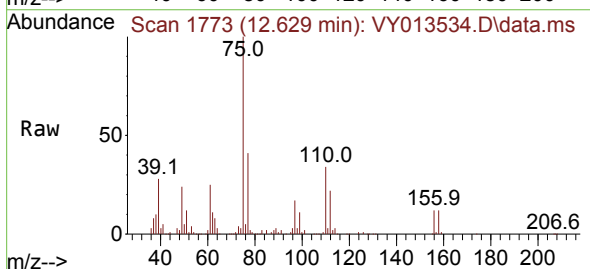
Acq: 01 May 2023 13:00

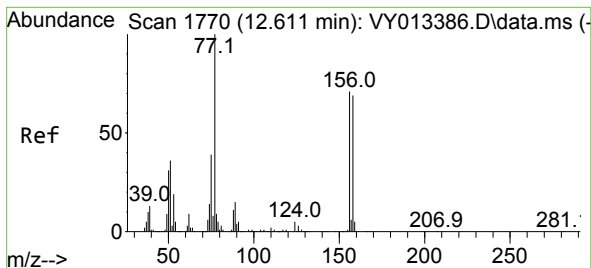
Tgt Ion: 75 Resp: 120255

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.034 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS02

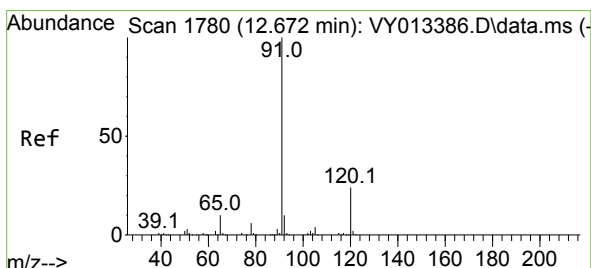
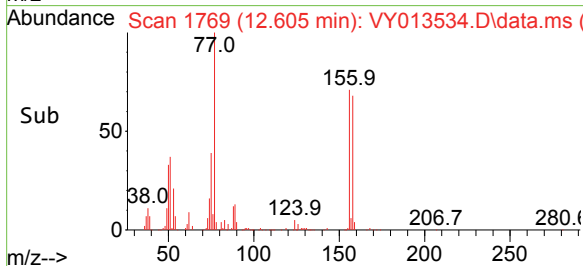
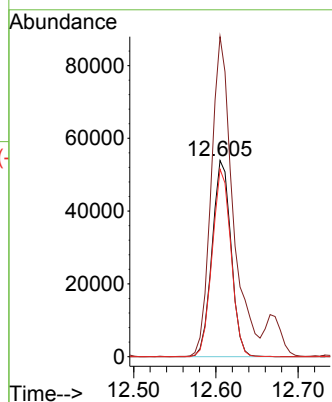
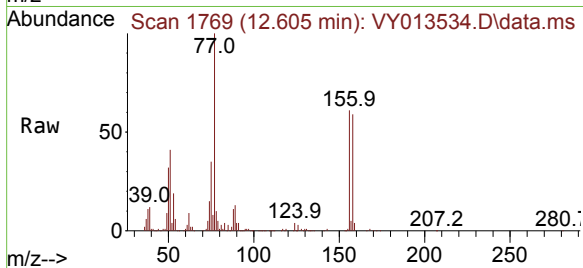
Tgt Ion:156 Resp: 86444

Ion Ratio Lower Upper

156 100

77 186.7 87.6 262.9

158 94.9 48.5 145.5



#78

n-propylbenzene

Concen: 20.809 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013534.D

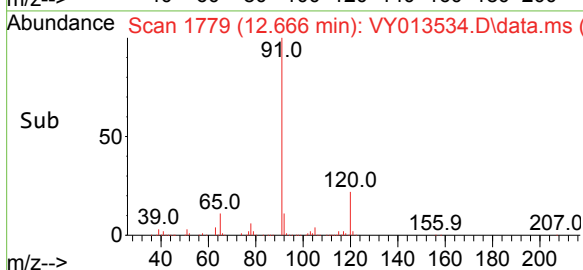
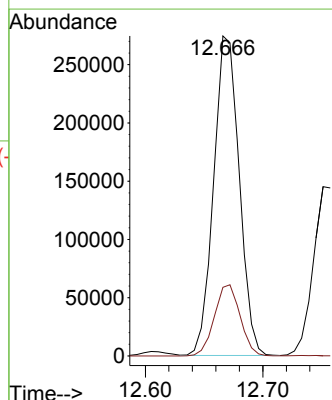
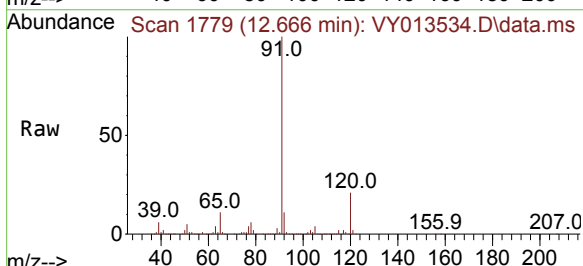
Acq: 01 May 2023 13:00

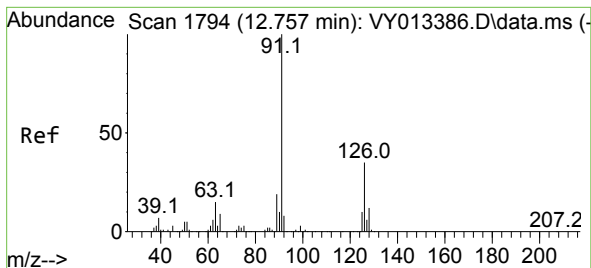
Tgt Ion: 91 Resp: 414999

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.9





#79

2-Chlorotoluene

Concen: 20.803 ug/l

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

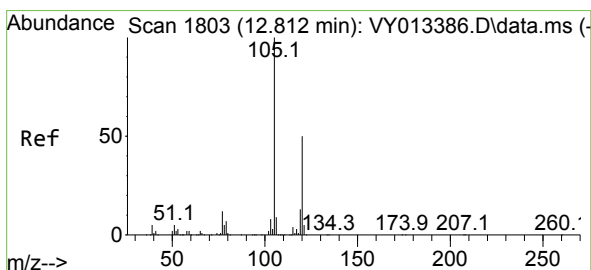
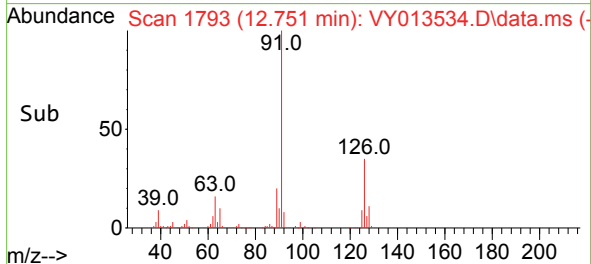
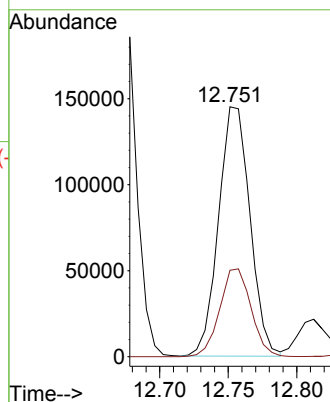
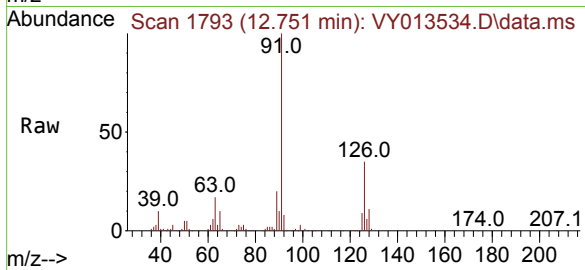
VY0501SBS02

Tgt Ion: 91 Resp: 231686

Ion Ratio Lower Upper

91 100

126 35.1 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 21.211 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013534.D

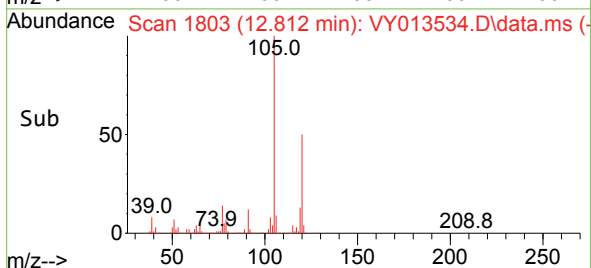
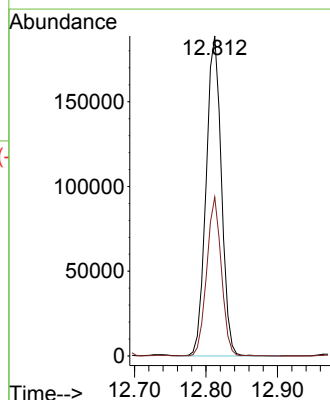
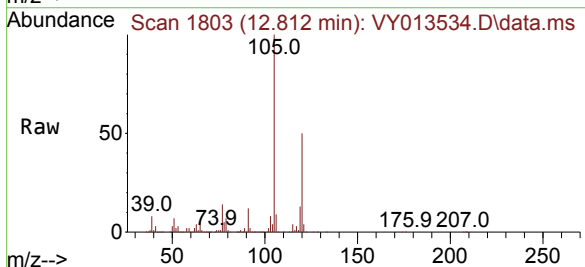
Acq: 01 May 2023 13:00

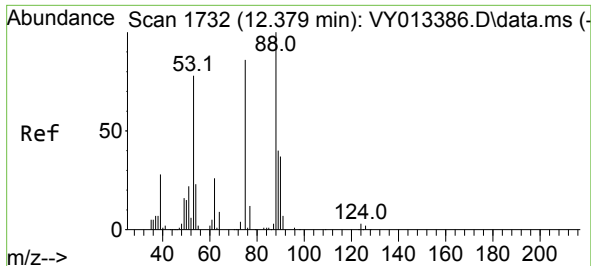
Tgt Ion: 105 Resp: 280313

Ion Ratio Lower Upper

105 100

120 47.6 24.7 74.1

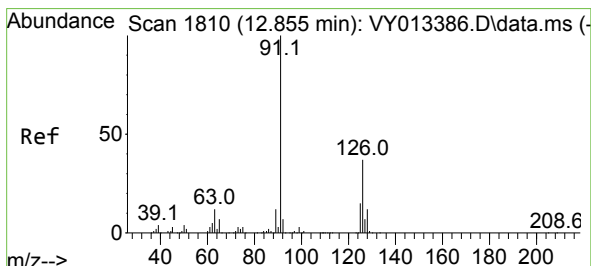
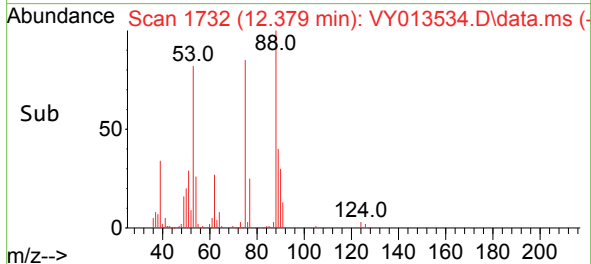
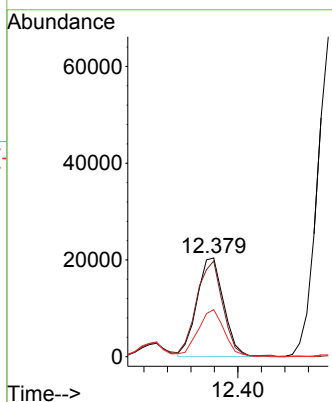
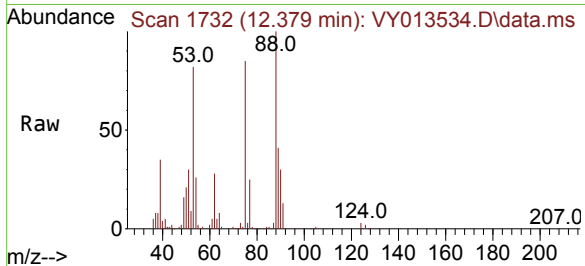




#81
trans-1,4-Dichloro-2-butene
Concen: 22.888 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

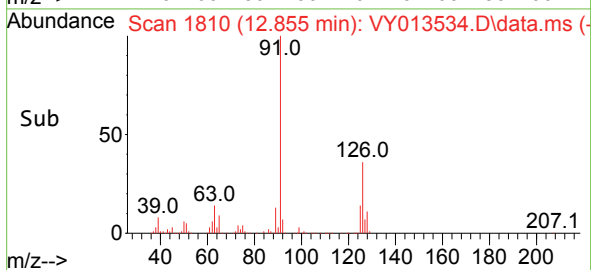
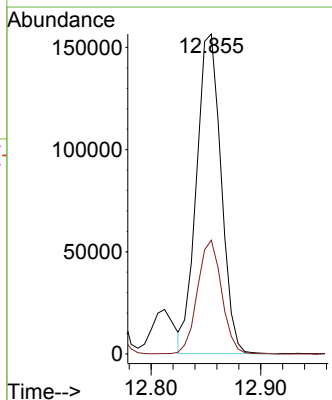
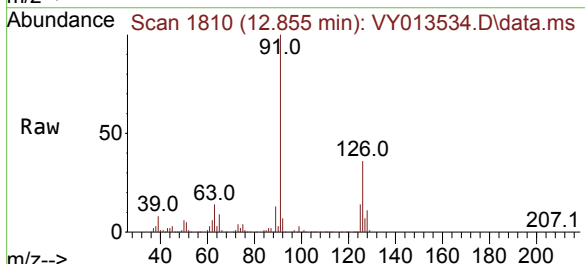
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

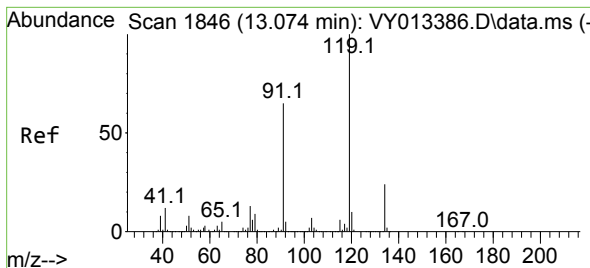
Tgt Ion: 75 Resp: 32303
Ion Ratio Lower Upper
75 100
53 94.0 73.2 109.8
89 47.6 38.0 57.0



#82
4-Chlorotoluene
Concen: 20.956 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 91 Resp: 243252
Ion Ratio Lower Upper
91 100
126 35.2 17.9 53.8





#83

tert-Butylbenzene

Concen: 20.865 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS02

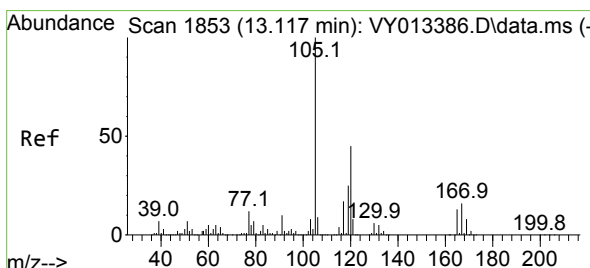
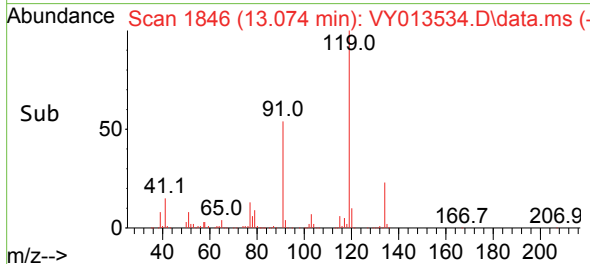
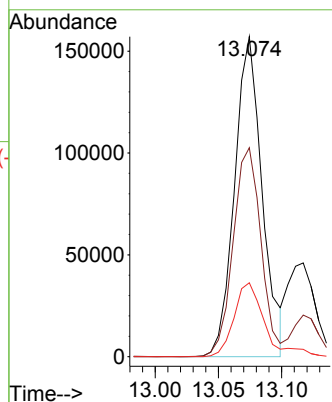
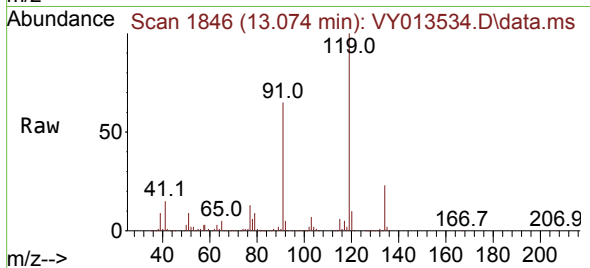
Tgt Ion:119 Resp: 238891

Ion Ratio Lower Upper

119 100

91 65.8 32.2 96.6

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.658 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013534.D

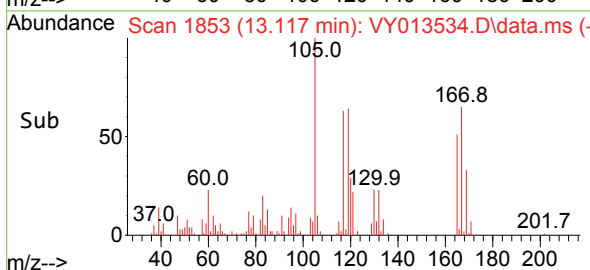
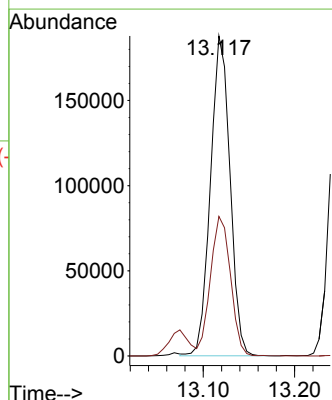
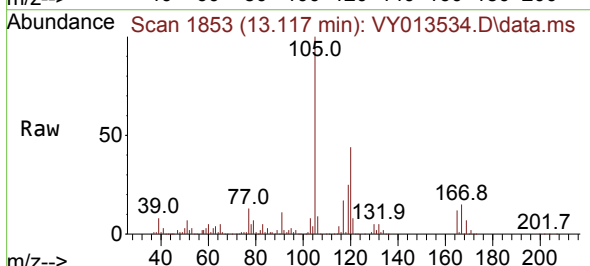
Acq: 01 May 2023 13:00

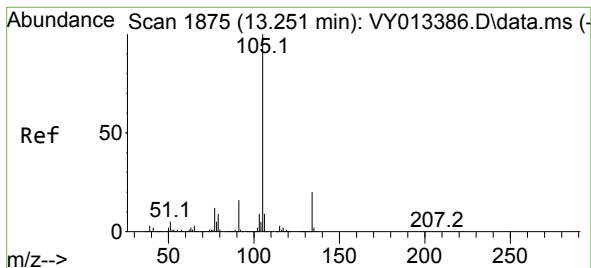
Tgt Ion:105 Resp: 278269

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9

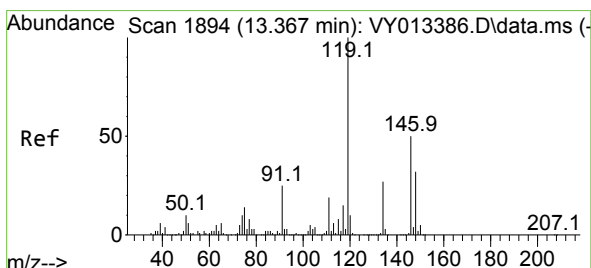
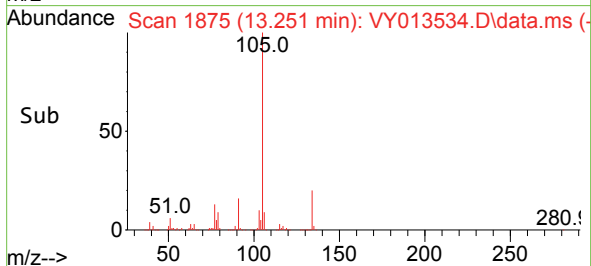
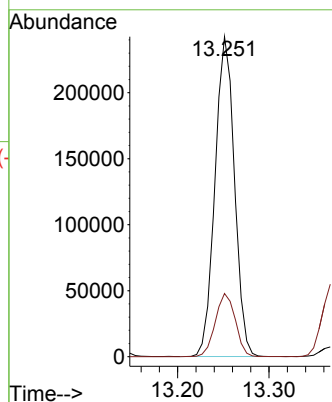
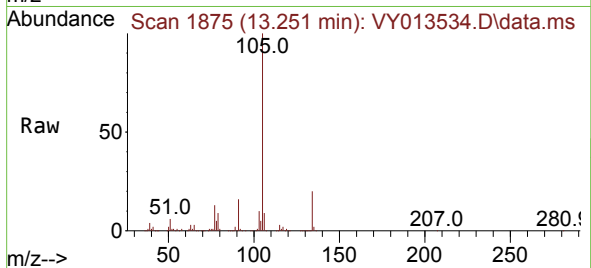




#85
 sec-Butylbenzene
 Concen: 20.877 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013534.D
 Acq: 01 May 2023 13:00

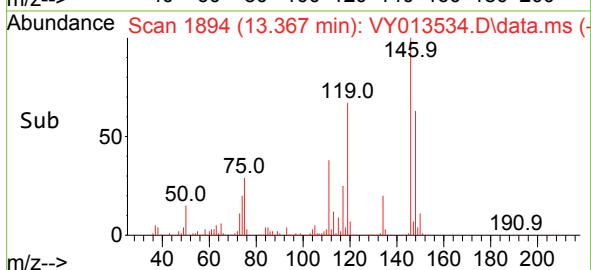
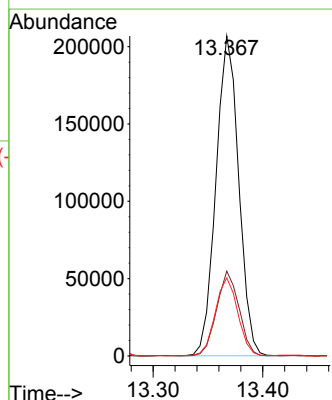
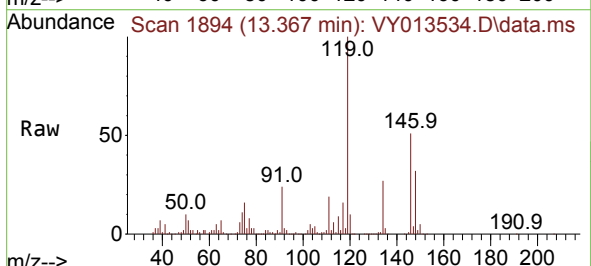
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS02

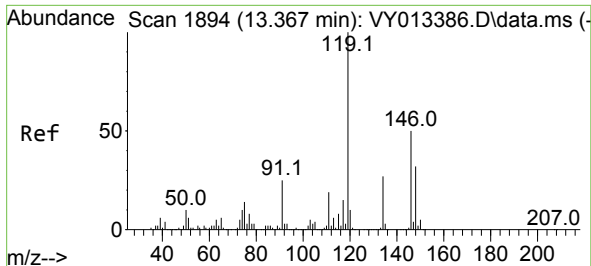
Tgt Ion:105 Resp: 358741
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 21.573 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013534.D
 Acq: 01 May 2023 13:00

Tgt Ion:119 Resp: 298102
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.4 40.2
 91 24.2 12.1 36.3

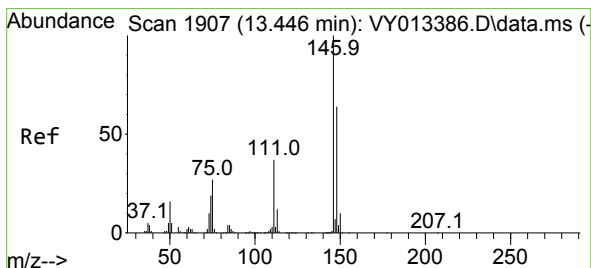
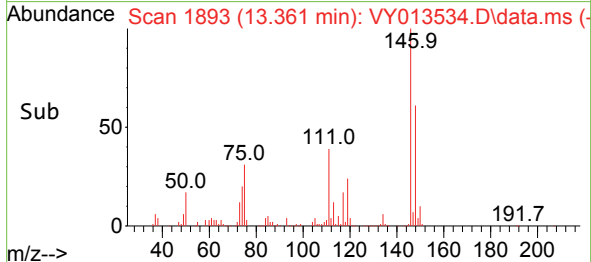
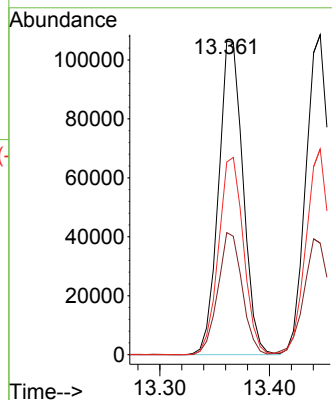
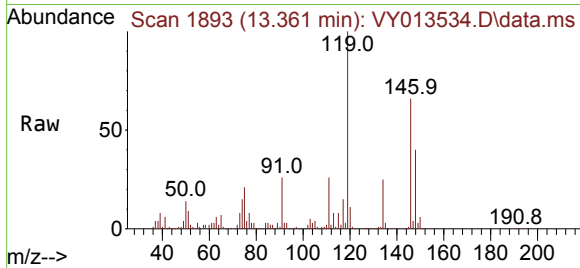




#87
1,3-Dichlorobenzene
Concen: 22.148 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

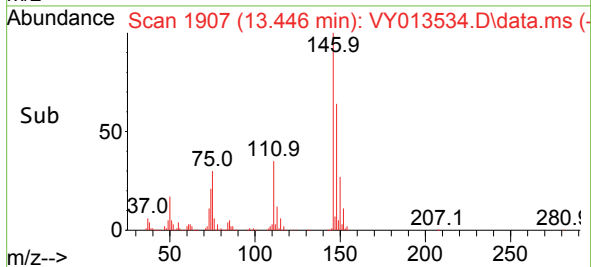
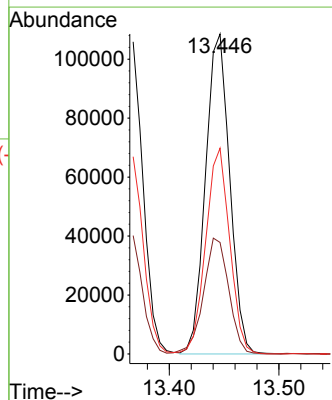
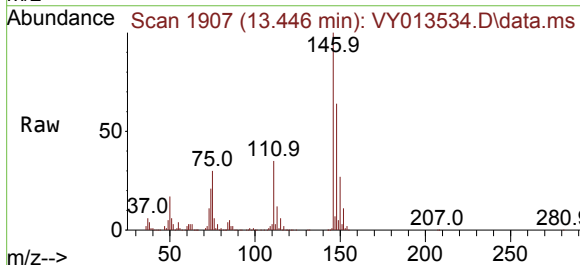
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

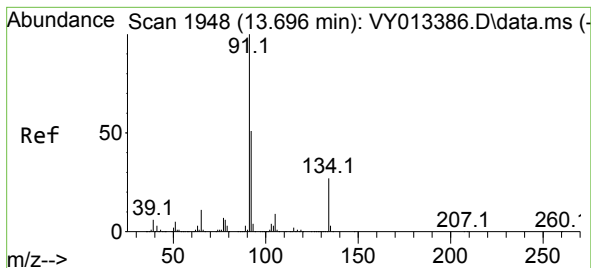
Tgt Ion:146 Resp: 165540
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.9
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 22.094 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion:146 Resp: 166818
Ion Ratio Lower Upper
146 100
111 37.7 18.9 56.5
148 63.8 31.9 95.5

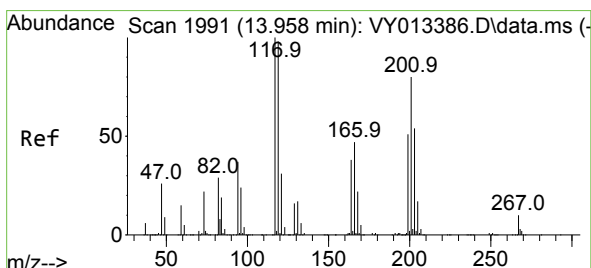
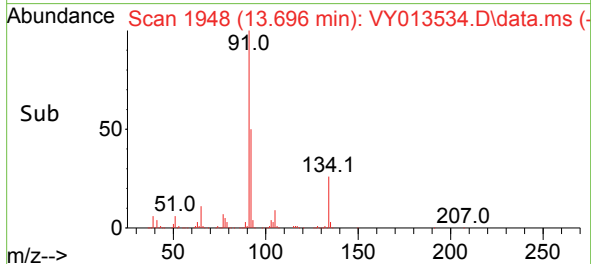
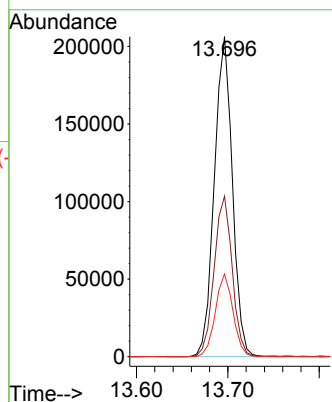
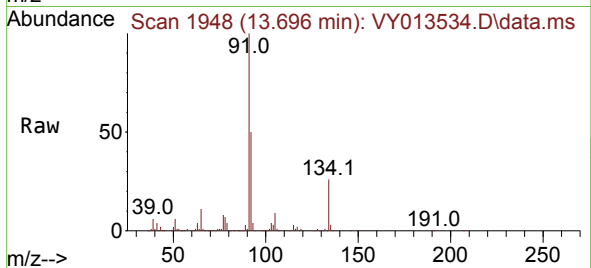




#89
n-Butylbenzene
Concen: 20.974 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

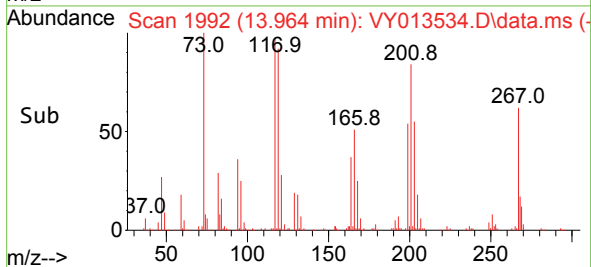
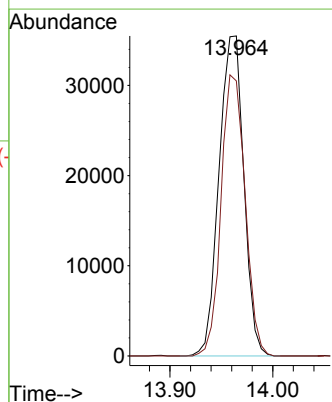
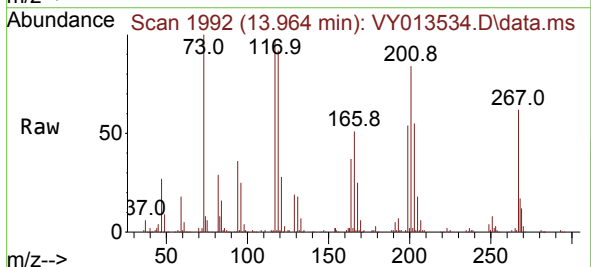
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS02

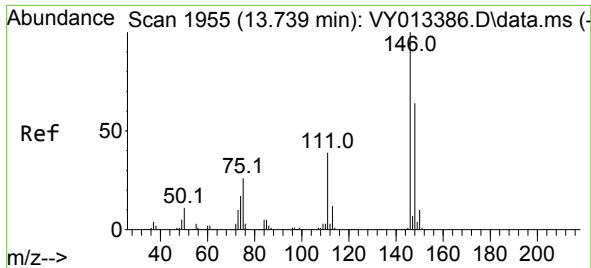
Tgt Ion: 91 Resp: 282872
Ion Ratio Lower Upper
91 100
92 50.4 25.8 77.3
134 25.3 13.5 40.4



#90
Hexachloroethane
Concen: 20.435 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013534.D
Acq: 01 May 2023 13:00

Tgt Ion: 117 Resp: 59431
Ion Ratio Lower Upper
117 100
201 84.9 41.6 124.8

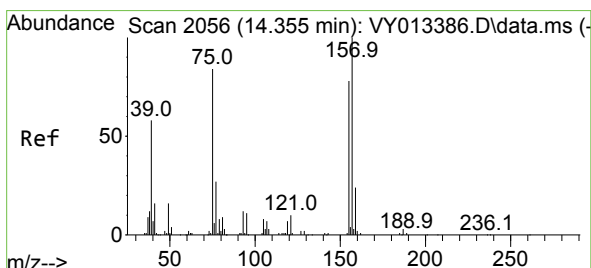
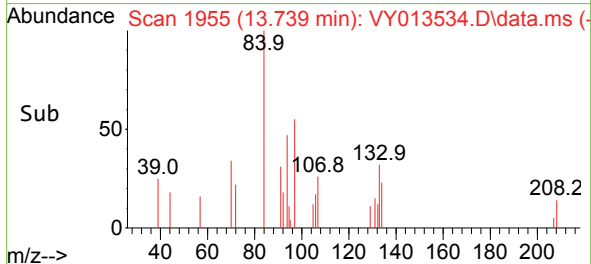
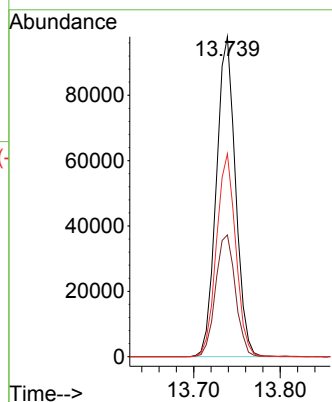
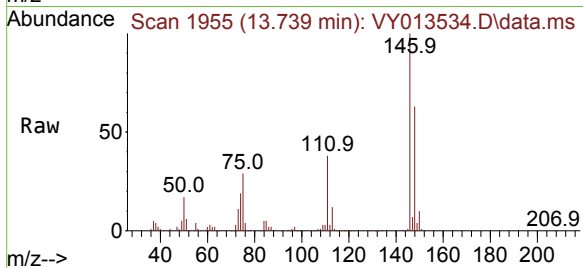




#91
 1,2-Dichlorobenzene
 Concen: 22.297 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY013534.D
 Acq: 01 May 2023 13:00

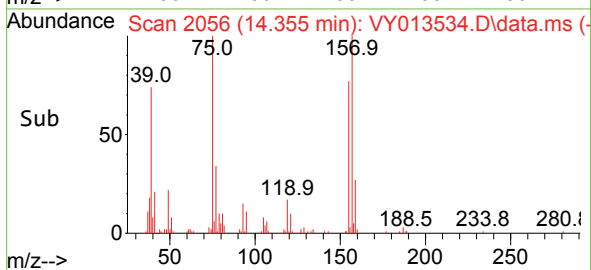
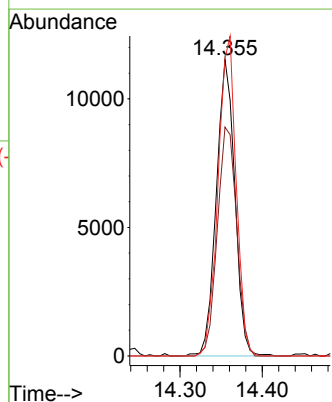
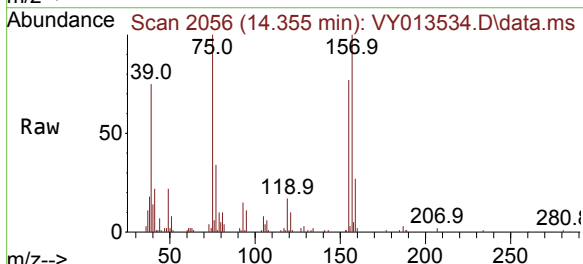
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS02

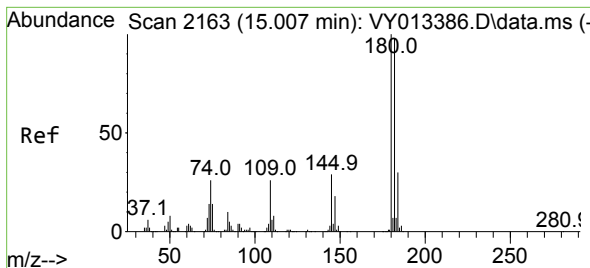
Tgt Ion:	146	Resp:	150495
Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	63.9	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.806 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013534.D
 Acq: 01 May 2023 13:00

Tgt Ion:	75	Resp:	18037
Ion	Ratio	Lower	Upper
75	100		
155	80.7	44.6	134.0
157	105.1	57.6	172.7





#93

1,2,4-Trichlorobenzene

Concen: 23.632 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS02

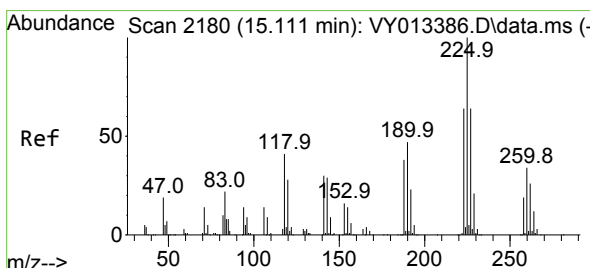
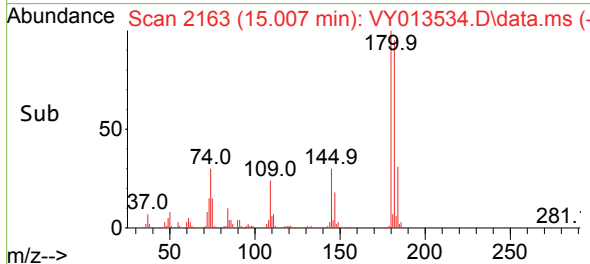
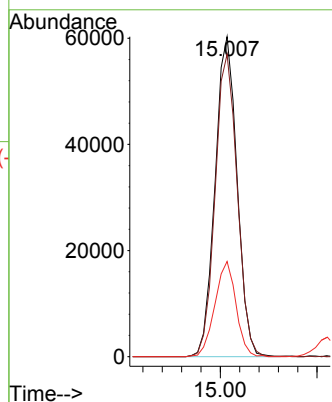
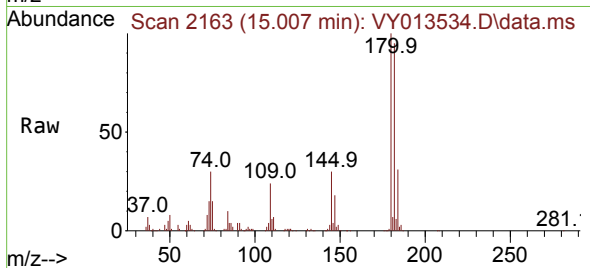
Tgt Ion:180 Resp: 95097

Ion Ratio Lower Upper

180 100

182 94.8 48.5 145.5

145 28.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 24.577 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

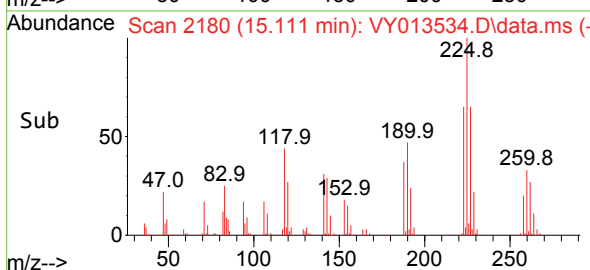
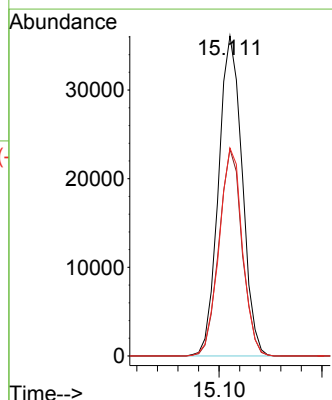
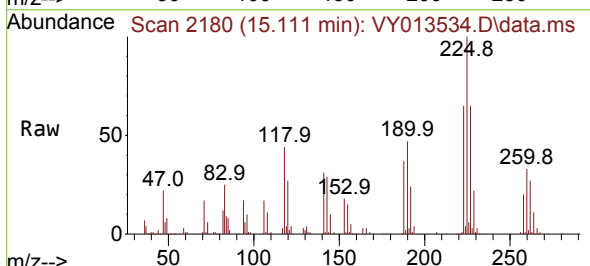
Tgt Ion:225 Resp: 57559

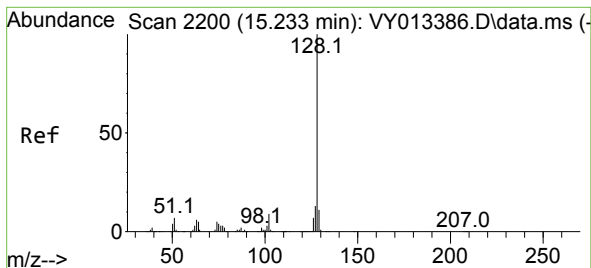
Ion Ratio Lower Upper

225 100

223 63.3 31.4 94.2

227 64.0 32.0 96.0





#95

Naphthalene

Concen: 24.975 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS02

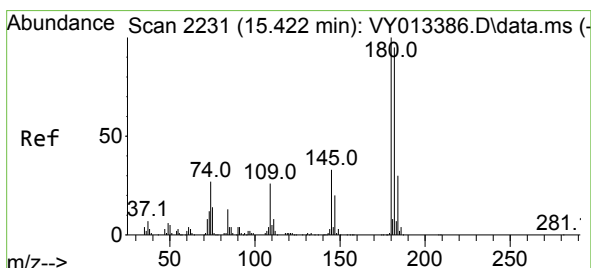
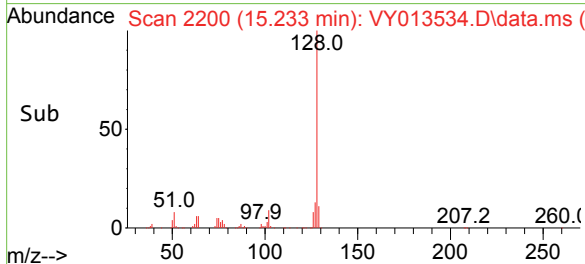
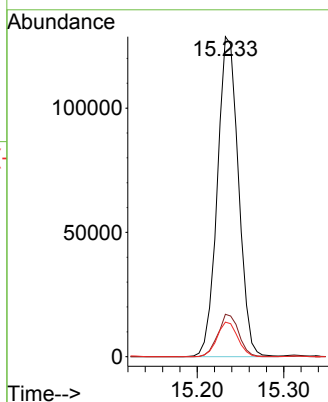
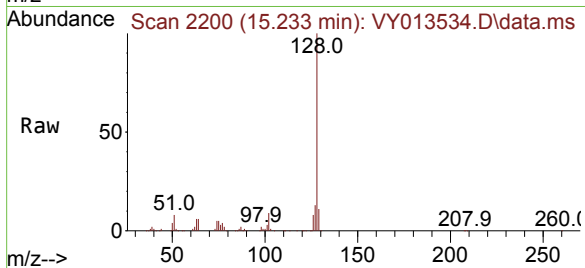
Tgt Ion:128 Resp: 218064

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 24.736 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013534.D

Acq: 01 May 2023 13:00

Tgt Ion:180 Resp: 88719

Ion Ratio Lower Upper

180 100

182 97.0 47.1 141.3

145 31.3 15.9 47.7

