

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014157.D
 Acq On : 14 Jun 2023 16:38
 Operator : KP/MD
 Sample : VY0614SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBS01

Quant Time: Jun 15 01:42:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	193633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	295215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124596	46.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.420%
35) Dibromofluoromethane	7.716	113	107478	51.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.680%
50) Toluene-d8	10.179	98	363061	46.385	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.780%
62) 4-Bromofluorobenzene	12.483	95	141807	51.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47153	21.850	ug/l	97
3) Chloromethane	2.113	50	50120	18.317	ug/l	98
4) Vinyl Chloride	2.253	62	51039	19.185	ug/l	95
5) Bromomethane	2.638	94	40579	18.487	ug/l	99
6) Chloroethane	2.790	64	34152	18.892	ug/l	93
7) Trichlorofluoromethane	3.119	101	89407	20.687	ug/l	95
8) Diethyl Ether	3.534	74	29818	20.662	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.900	101	45248	20.744	ug/l	98
10) Methyl Iodide	4.088	142	51803	17.986	ug/l	98
11) Tert butyl alcohol	4.942	59	60425	188.537	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	43871	19.843	ug/l	98
13) Acrolein	3.735	56	20423	151.820	ug/l	99
14) Allyl chloride	4.479	41	74758	18.654	ug/l	97
15) Acrylonitrile	5.161	53	77951	104.721	ug/l	99
16) Acetone	3.954	43	77850	95.784	ug/l	100
17) Carbon Disulfide	4.192	76	127427	17.787	ug/l	99
18) Methyl Acetate	4.479	43	61972	19.644	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	130907	20.076	ug/l	99
20) Methylene Chloride	4.716	84	59549	20.860	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	47744	19.362	ug/l	96
22) Diisopropyl ether	6.119	45	157768	20.561	ug/l	95
23) Vinyl Acetate	6.064	43	453236	100.113	ug/l	98
24) 1,1-Dichloroethane	6.015	63	89226	20.169	ug/l	96
25) 2-Butanone	6.984	43	108429	108.376	ug/l	97
26) 2,2-Dichloropropane	6.978	77	83863	20.183	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	55636	20.169	ug/l	99
28) Bromochloromethane	7.332	49	38237	21.253	ug/l	94
29) Tetrahydrofuran	7.350	42	66143	104.258	ug/l	98
30) Chloroform	7.509	83	98587	21.005	ug/l	97
31) Cyclohexane	7.789	56	68275	18.902	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	86251	20.376	ug/l	100
36) 1,1-Dichloropropene	7.917	75	65678	20.122	ug/l	99
37) Ethyl Acetate	7.076	43	46803	20.782	ug/l	99
38) Carbon Tetrachloride	7.905	117	77689	20.626	ug/l	97
39) Methylcyclohexane	9.185	83	72577	20.041	ug/l	94
40) Benzene	8.161	78	197622	20.361	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	65676	57.142	ug/l #	41
42) 1,2-Dichloroethane	8.240	62	71790	20.917	ug/l	99
43) Isopropyl Acetate	8.277	43	82495	20.900	ug/l	98
44) Trichloroethene	8.941	130	53491	20.628	ug/l	96
45) 1,2-Dichloropropane	9.216	63	50389	20.440	ug/l	99
46) Dibromomethane	9.307	93	30767	20.275	ug/l	98
47) Bromodichloromethane	9.496	83	75038	21.119	ug/l	97
48) Methyl methacrylate	9.295	41	38055	20.671	ug/l	99
49) 1,4-Dioxane	9.295	88	8324	431.697	ug/l #	47
51) 4-Methyl-2-Pentanone	10.069	43	230857	107.653	ug/l	99
52) Toluene	10.246	92	123871	20.588	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	77592	20.744	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	84077	20.602	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	41818	20.776	ug/l	97
56) Ethyl methacrylate	10.508	69	57211	20.607	ug/l	97
57) 1,3-Dichloropropane	10.789	76	70890	20.593	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	80628	86.173	ug/l	97
59) 2-Hexanone	10.831	43	161632	104.356	ug/l	99
60) Dibromochloromethane	10.984	129	55818	21.667	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41594	20.939	ug/l	99
64) Tetrachloroethene	10.721	164	48799	20.167	ug/l	97
65) Chlorobenzene	11.514	112	137247	20.120	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	54969	20.488	ug/l	98
67) Ethyl Benzene	11.593	91	236015	19.766	ug/l	100
68) m/p-Xylenes	11.703	106	187670	40.863	ug/l	97
69) o-Xylene	12.032	106	88896	20.473	ug/l	98
70) Styrene	12.044	104	150673	20.332	ug/l	99
71) Bromoform	12.209	173	38384	20.890	ug/l #	98
73) Isopropylbenzene	12.331	105	232262	19.279	ug/l	99
74) N-amyl acetate	12.142	43	73876	19.351	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	52514	19.508	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	71127	34.329	ug/l #	100
77) Bromobenzene	12.611	156	59887	18.913	ug/l	97
78) n-propylbenzene	12.672	91	281685	19.143	ug/l	99
79) 2-Chlorotoluene	12.758	91	164684	19.451	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	203055	19.685	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	18533	19.335	ug/l	96
82) 4-Chlorotoluene	12.855	91	176210	19.639	ug/l	98
83) tert-Butylbenzene	13.075	119	171665	19.583	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	204371	20.015	ug/l	100
85) sec-Butylbenzene	13.251	105	252141	19.784	ug/l	100
86) p-Isopropyltoluene	13.367	119	215536	19.761	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	120427	19.920	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	119089	19.551	ug/l	98
89) n-Butylbenzene	13.697	91	202058	19.973	ug/l	99
90) Hexachloroethane	13.959	117	43605	20.063	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	109730	20.209	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9804	19.125	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	71257	20.716	ug/l	98
94) Hexachlorobutadiene	15.111	225	42764	21.535	ug/l	97
95) Naphthalene	15.239	128	136730	19.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	63391	20.395	ug/l	99

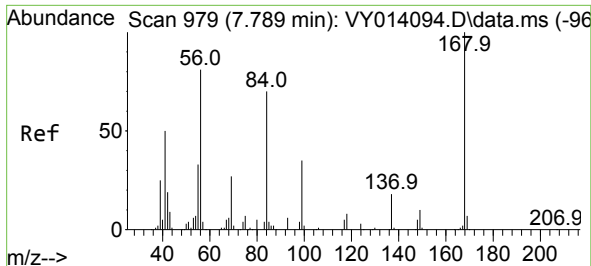
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
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Response via : Initial Calibration

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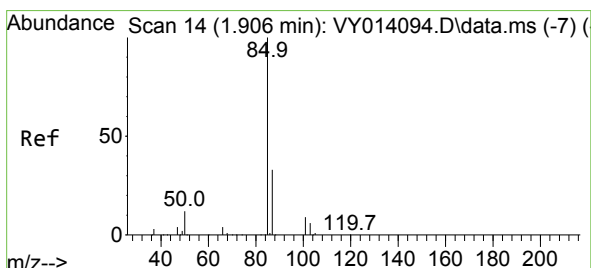
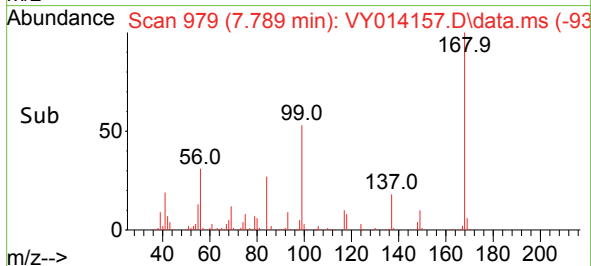
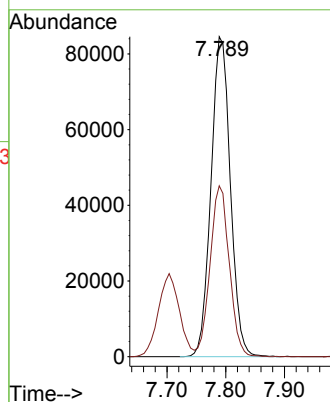
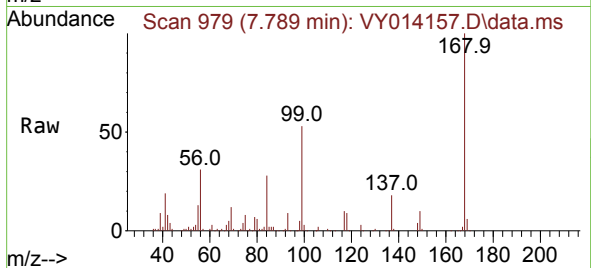
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

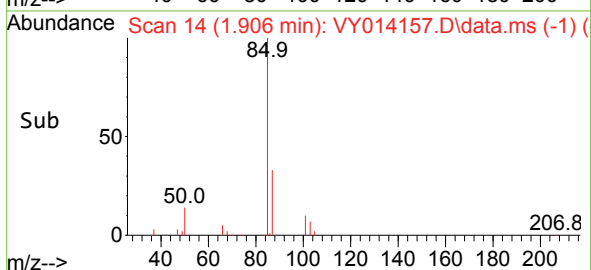
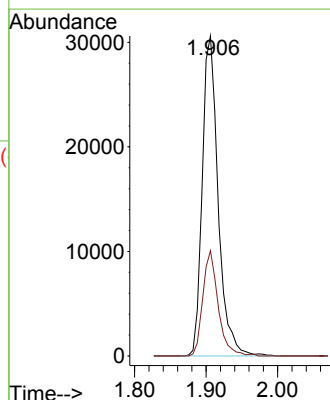
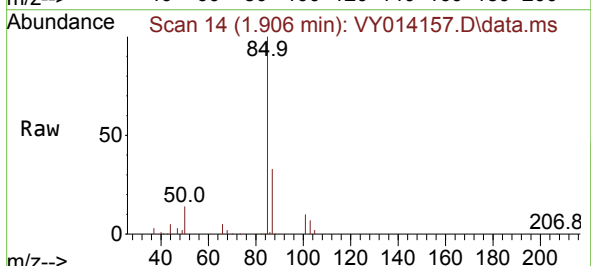
Instrument :
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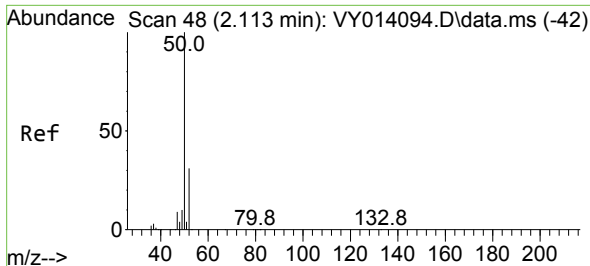
Tgt Ion:168 Resp: 193633
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.850 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 85 Resp: 47153
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8

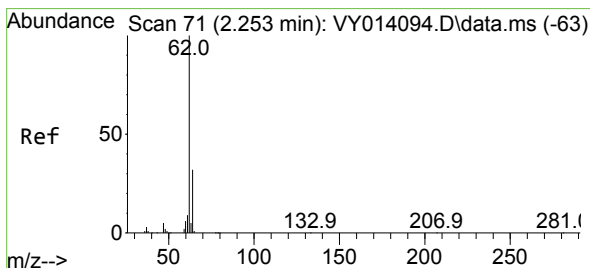
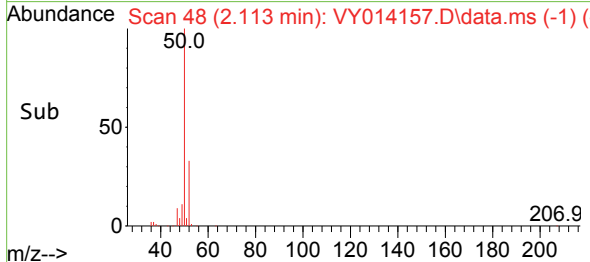
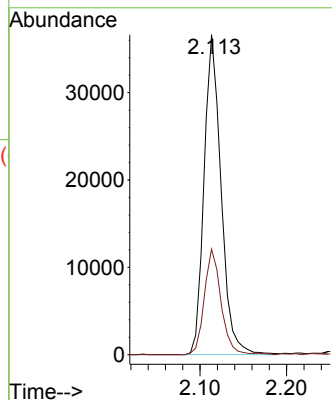
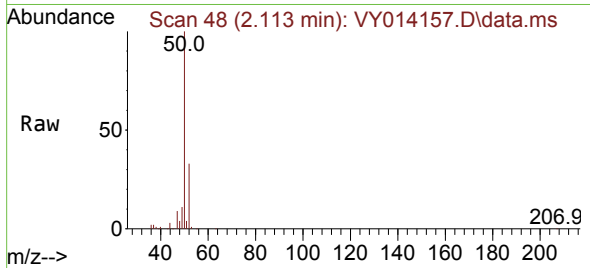




#3
Chloromethane
Concen: 18.317 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

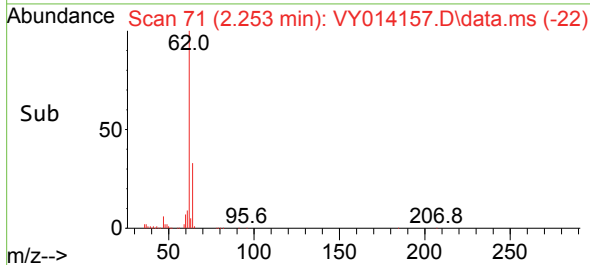
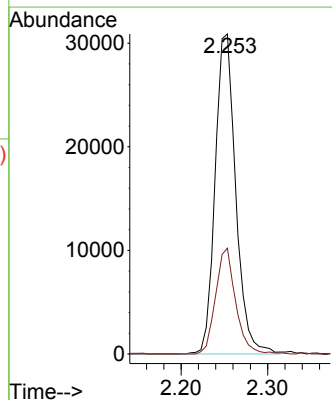
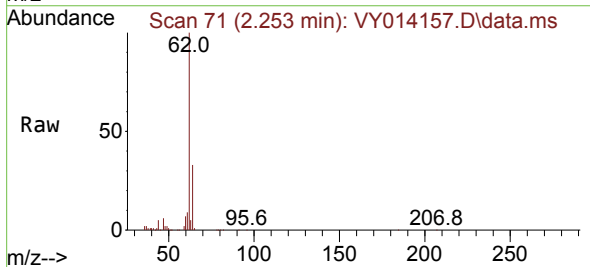
Instrument :
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ClientSampleId :
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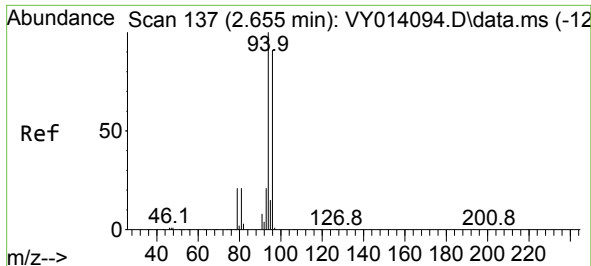
Tgt Ion: 50 Resp: 50120
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 19.185 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 62 Resp: 51039
Ion Ratio Lower Upper
62 100
64 33.1 24.3 36.5

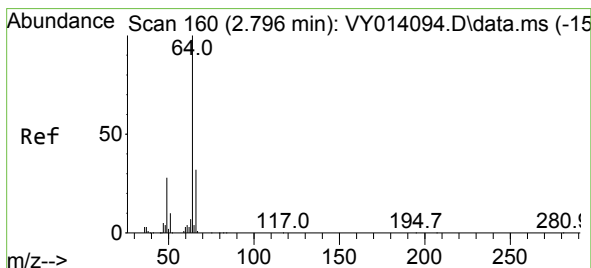
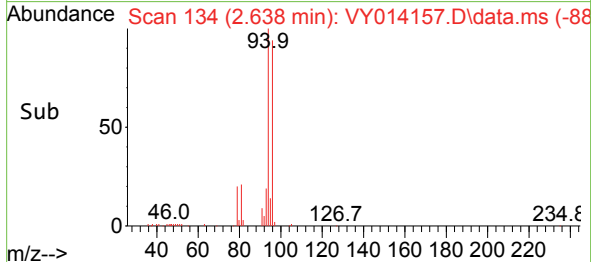
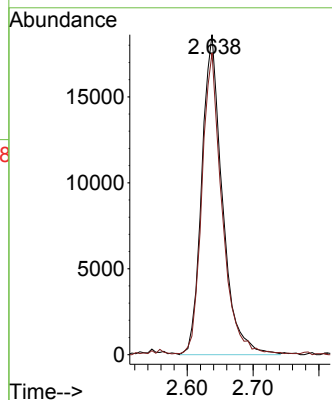
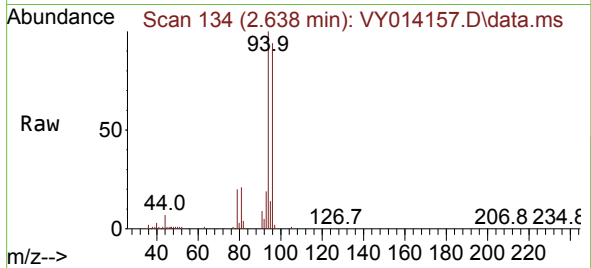




#5
Bromomethane
Concen: 18.487 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.017 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

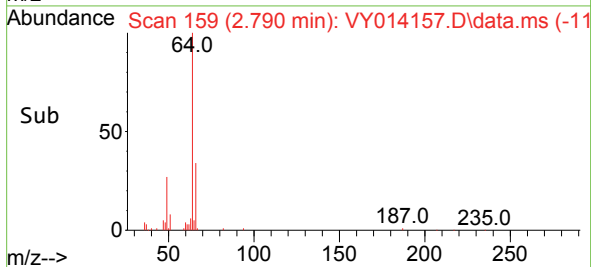
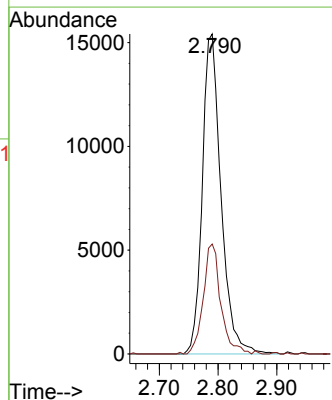
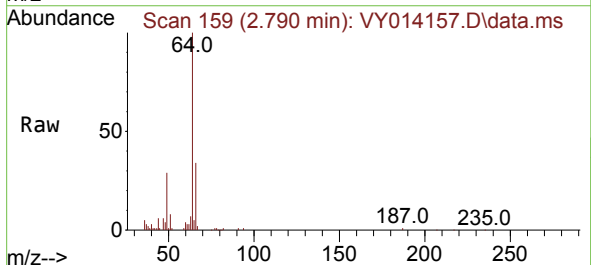
Instrument :
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ClientSampleId :
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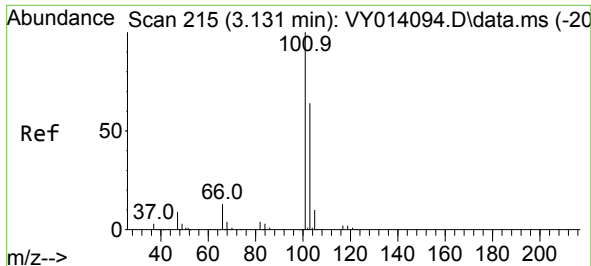
Tgt Ion: 94 Resp: 40579
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.6



#6
Chloroethane
Concen: 18.892 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 64 Resp: 34152
Ion Ratio Lower Upper
64 100
66 34.4 24.4 36.6

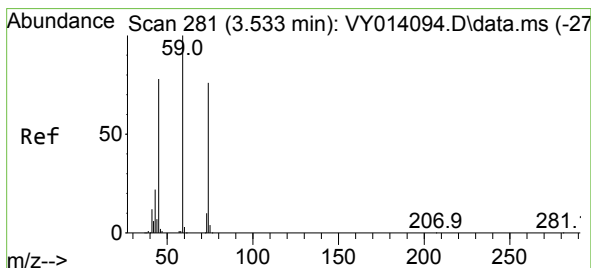
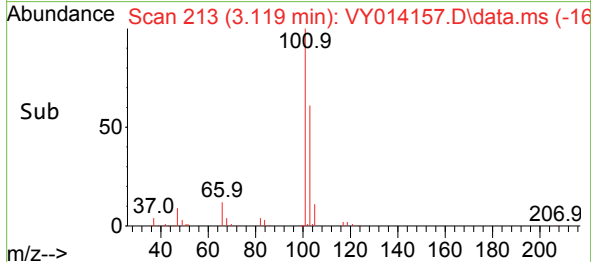
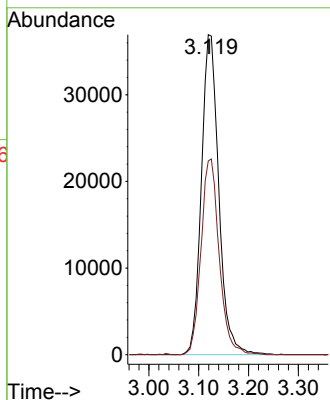
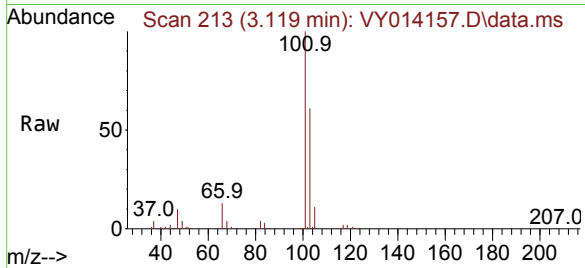




#7
Trichlorofluoromethane
Concen: 20.687 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

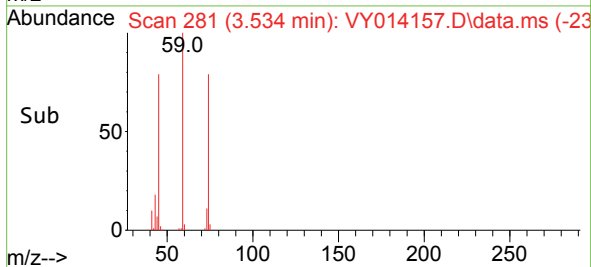
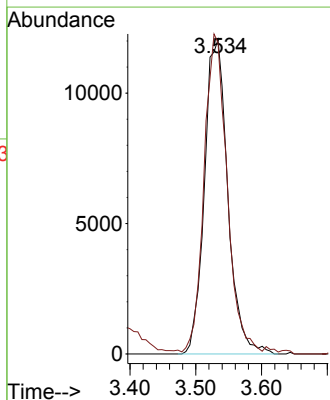
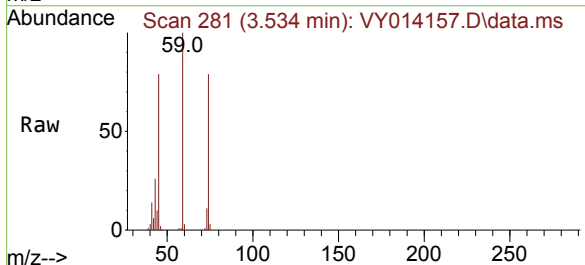
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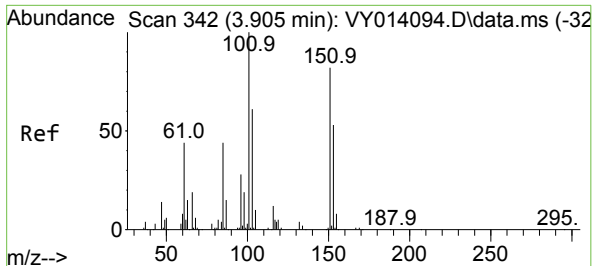
Tgt Ion:101 Resp: 89407
Ion Ratio Lower Upper
101 100
103 60.5 51.4 77.0



#8
Diethyl Ether
Concen: 20.662 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 74 Resp: 29818
Ion Ratio Lower Upper
74 100
45 99.0 51.5 154.5

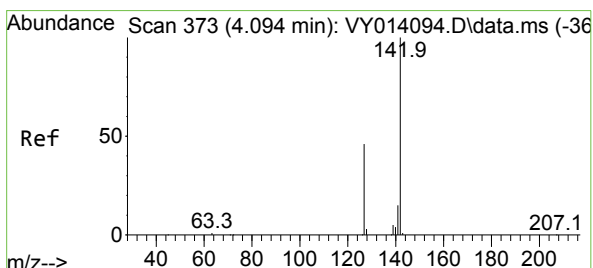
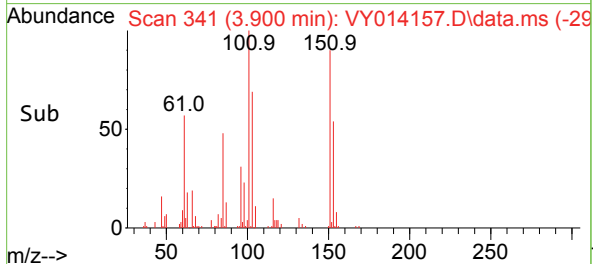
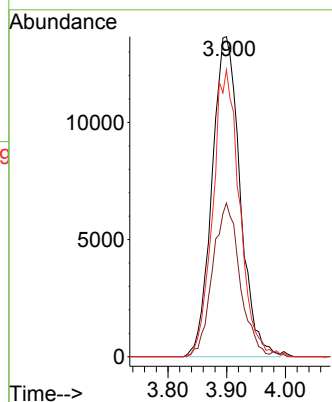
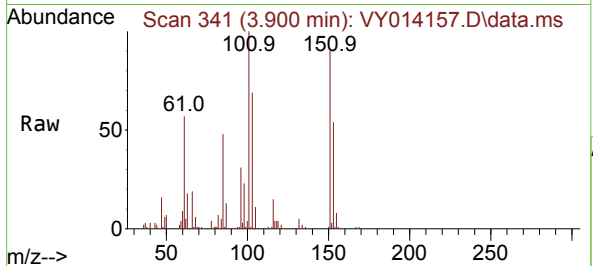




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.744 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.005 min
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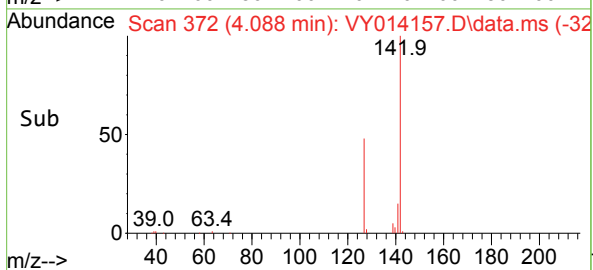
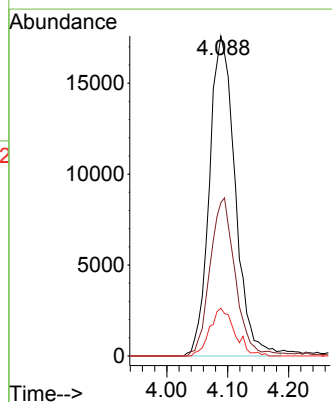
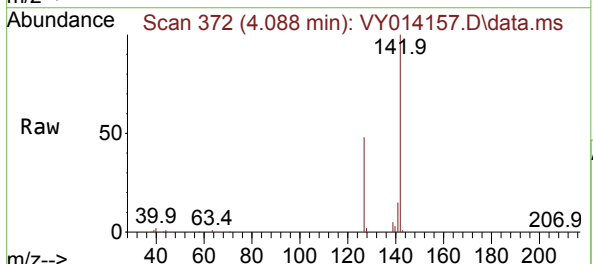
Instrument :
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ClientSampleId :
VY0614SBSD01

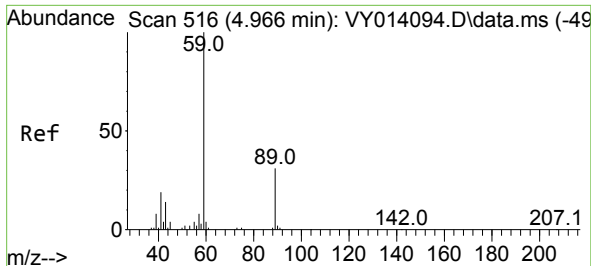
Tgt Ion:101 Resp: 45248
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 85.7 67.0 100.6



#10
Methyl Iodide
Concen: 17.986 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion:142 Resp: 51803
Ion Ratio Lower Upper
142 100
127 48.6 37.6 56.4
141 14.5 11.8 17.8

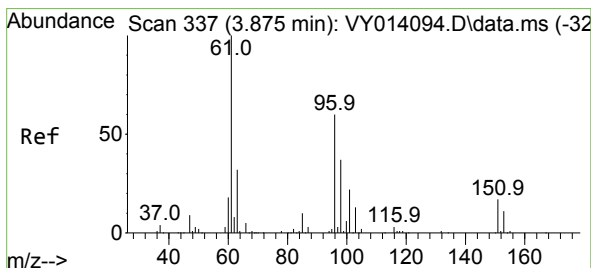
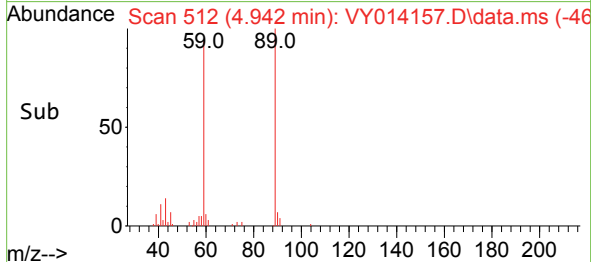
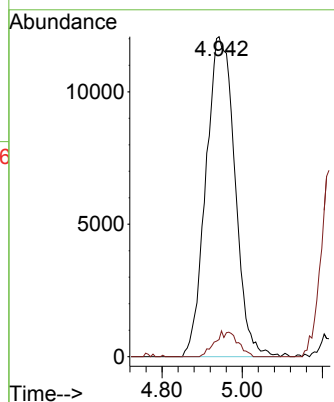
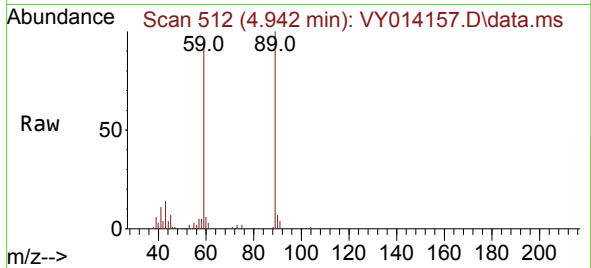




#11
Tert butyl alcohol
Concen: 188.537 ug/l
RT: 4.942 min Scan# 516
Delta R.T. -0.024 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

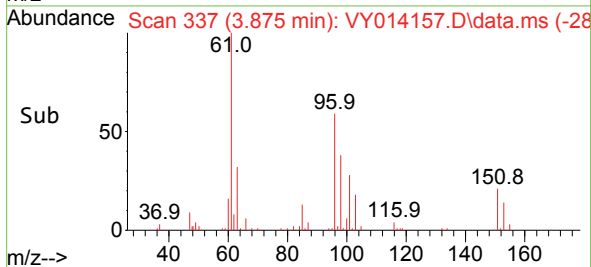
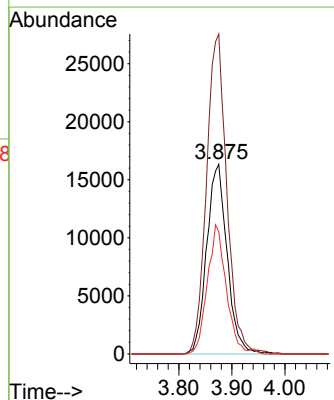
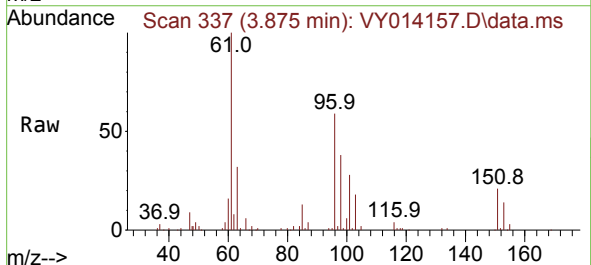
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

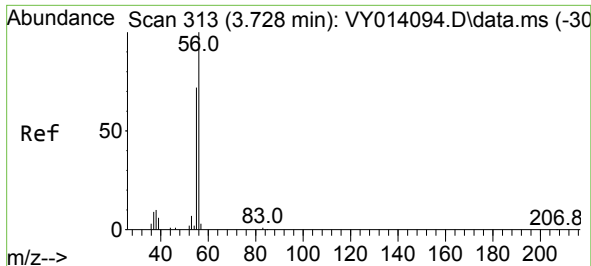
Tgt Ion: 59 Resp: 60425
Ion Ratio Lower Upper
59 100
57 6.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.843 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 96 Resp: 43871
Ion Ratio Lower Upper
96 100
61 168.7 136.4 204.6
98 64.5 49.4 74.2

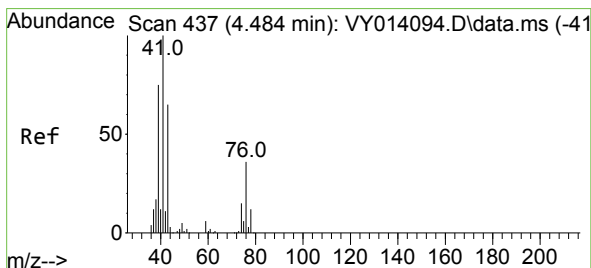
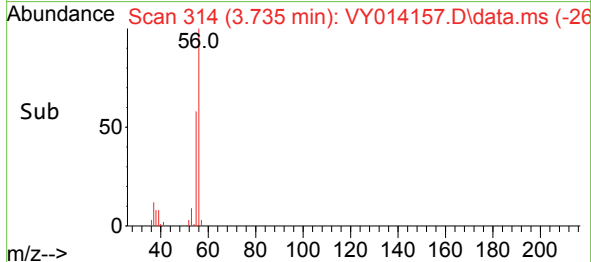
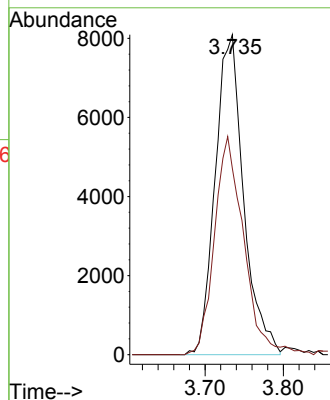
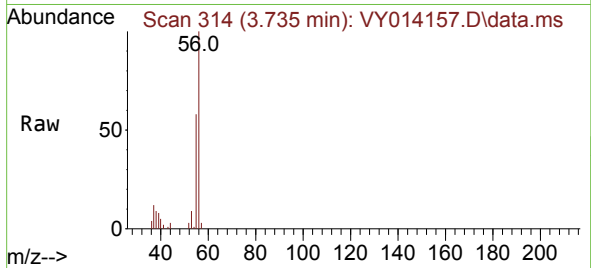




#13
Acrolein
Concen: 151.820 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

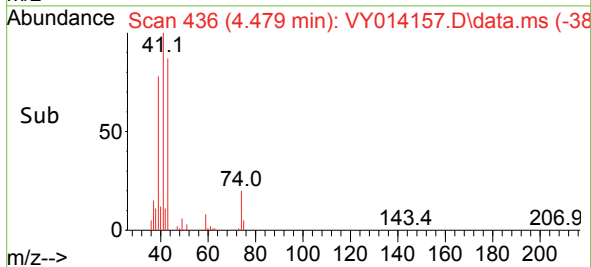
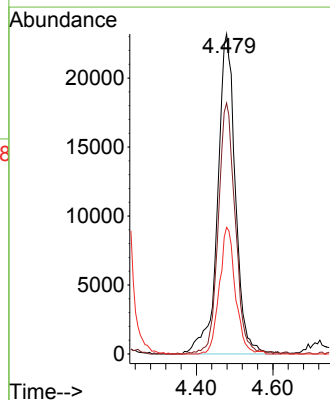
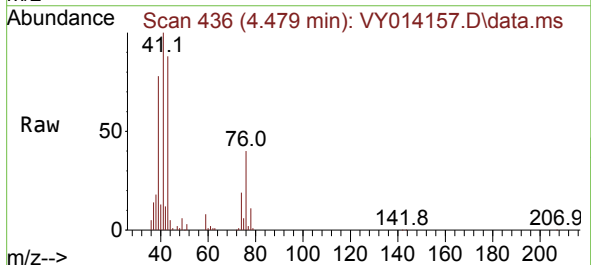
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBSD01

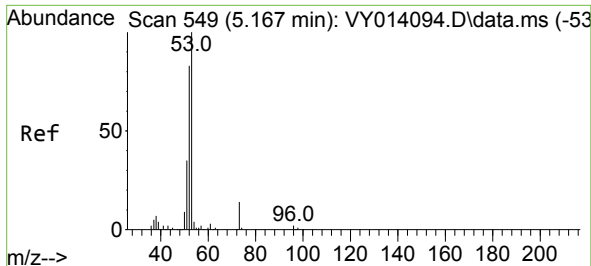
Tgt Ion: 56 Resp: 20423
Ion Ratio Lower Upper
56 100
55 70.3 57.0 85.4



#14
Allyl chloride
Concen: 18.654 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.005 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 41 Resp: 74758
Ion Ratio Lower Upper
41 100
39 74.9 58.0 87.0
76 35.7 27.4 41.2

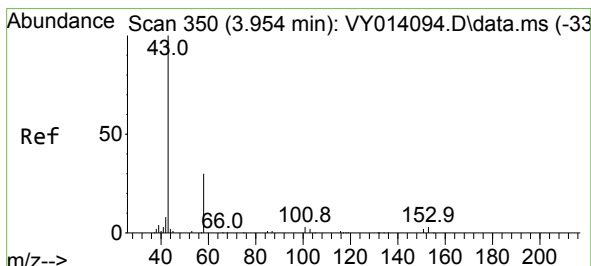
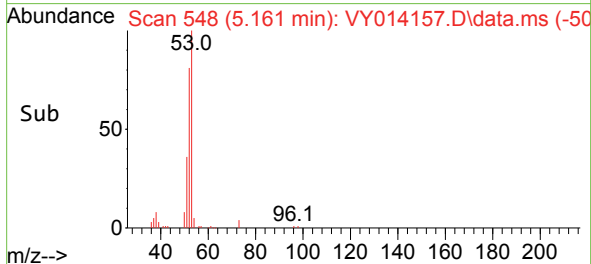
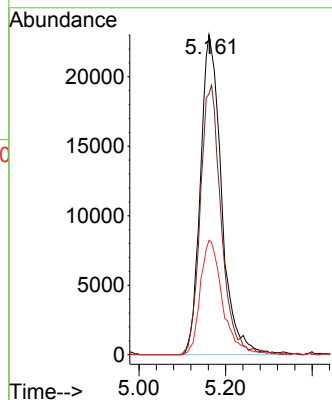
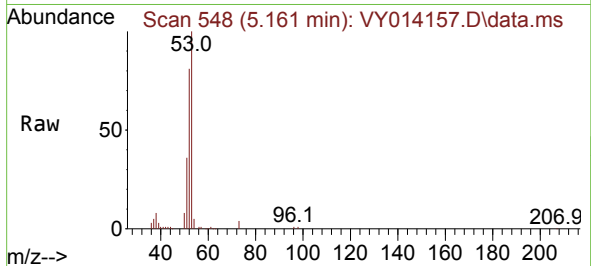




#15
Acrylonitrile
Concen: 104.721 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

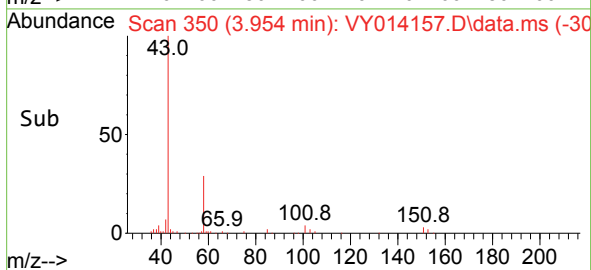
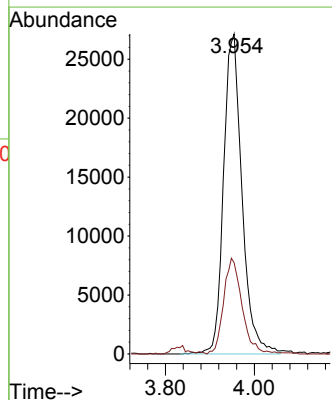
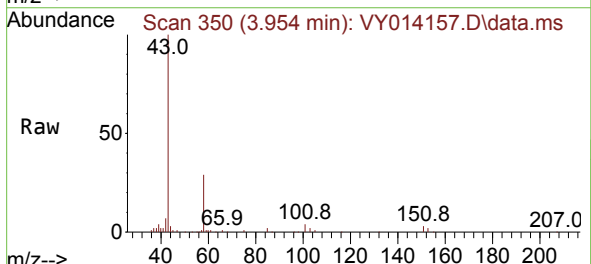
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

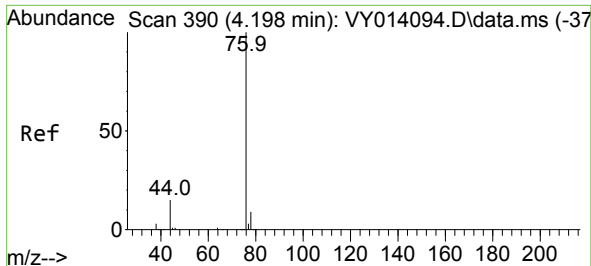
Tgt Ion: 53 Resp: 77951
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 37.6 29.8 44.6



#16
Acetone
Concen: 95.784 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 43 Resp: 77850
Ion Ratio Lower Upper
43 100
58 28.1 22.7 34.1





#17

Carbon Disulfide

Concen: 17.787 ug/l

RT: 4.192 min Scan# 390

Delta R.T. -0.006 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

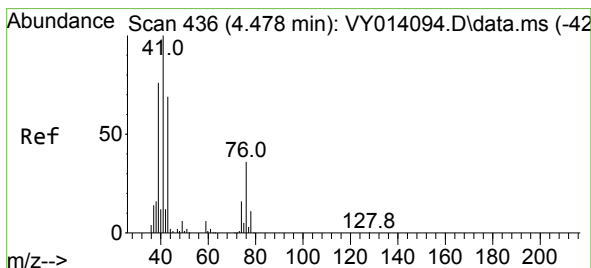
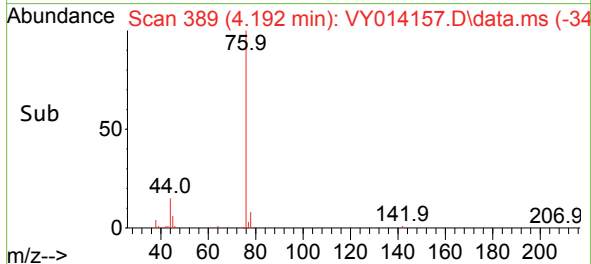
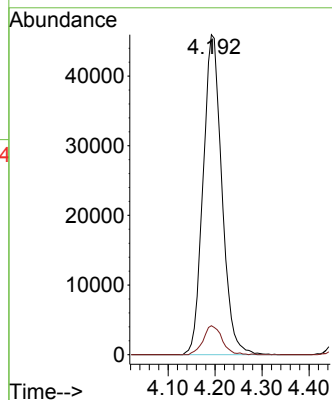
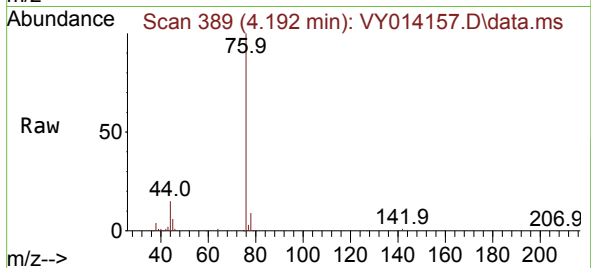
VY0614SBS01

Tgt Ion: 76 Resp: 127427

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 19.644 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY014157.D

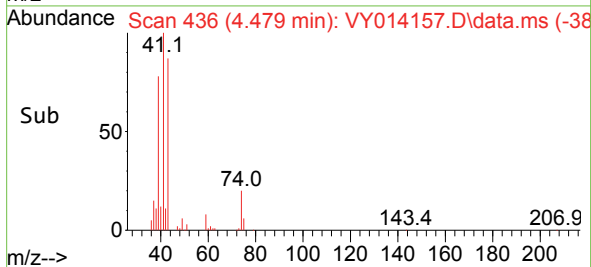
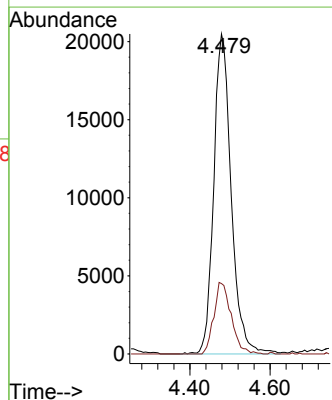
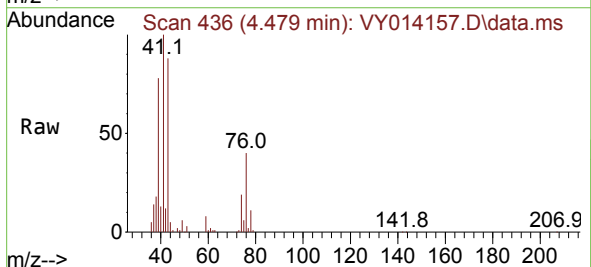
Acq: 14 Jun 2023 16:38

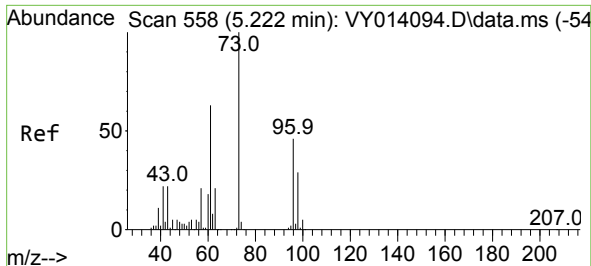
Tgt Ion: 43 Resp: 61972

Ion Ratio Lower Upper

43 100

74 22.2 17.4 26.0

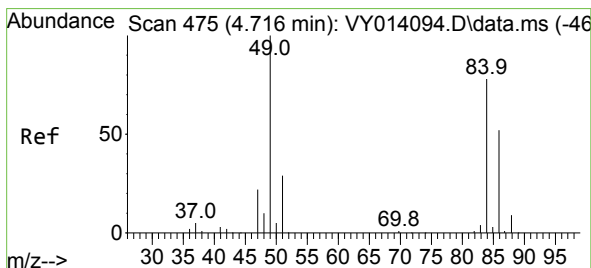
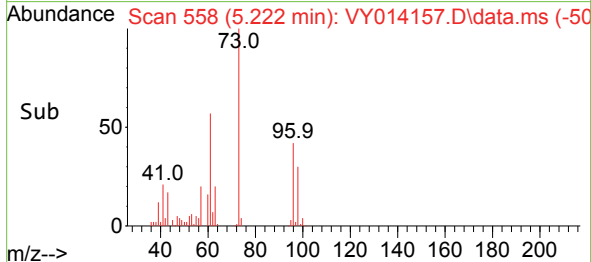
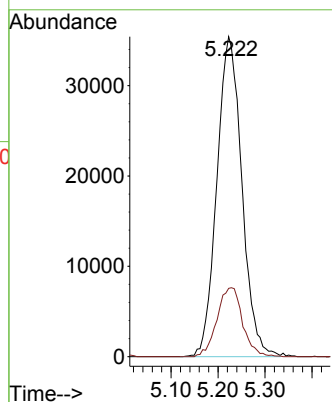
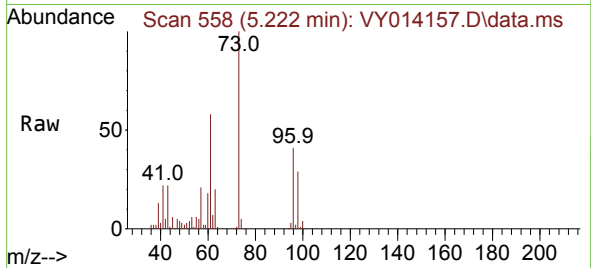




#19
Methyl tert-butyl Ether
Concen: 20.076 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

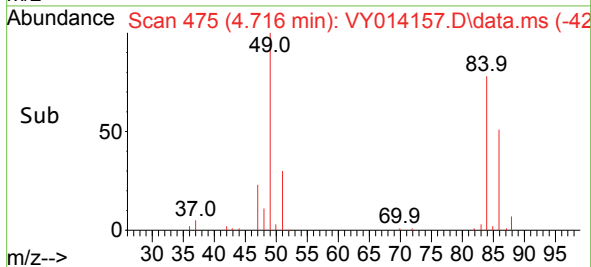
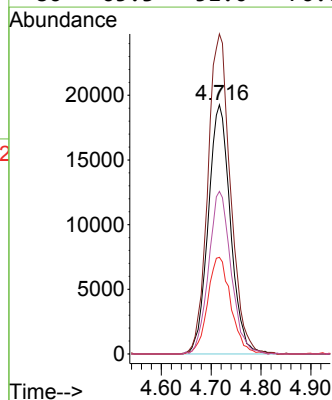
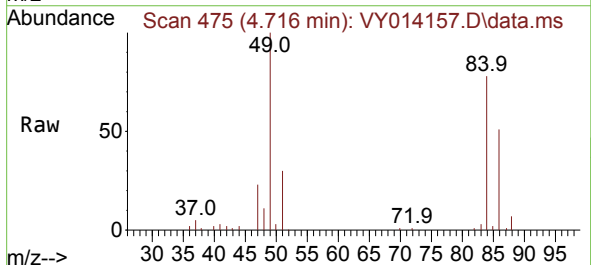
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

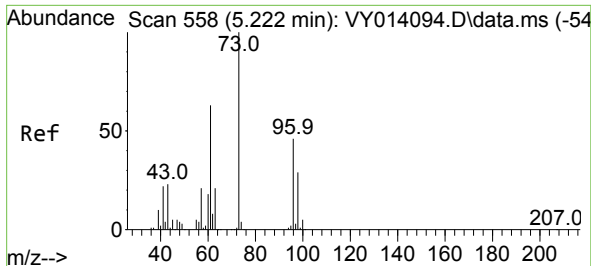
Tgt Ion: 73 Resp: 130907
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 20.860 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 84 Resp: 59549
Ion Ratio Lower Upper
84 100
49 128.4 106.9 160.3
51 38.8 33.2 49.8
86 65.3 51.0 76.6

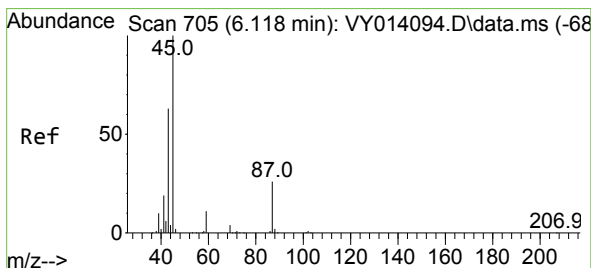
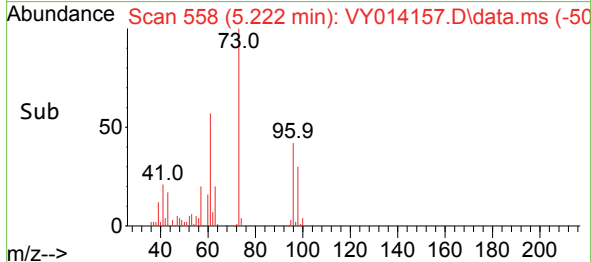
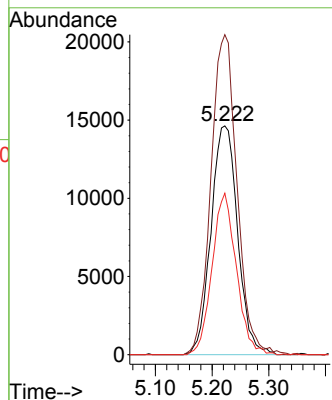
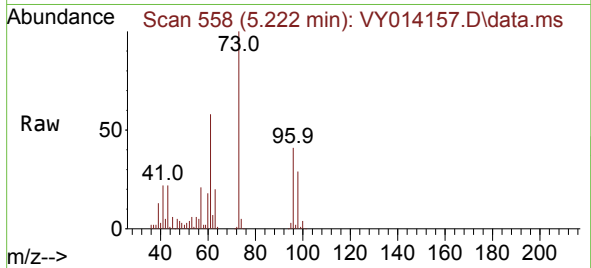




#21
trans-1,2-Dichloroethene
Concen: 19.362 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

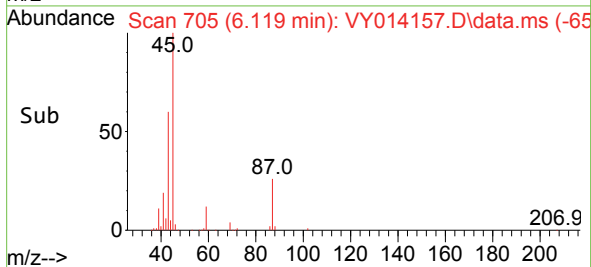
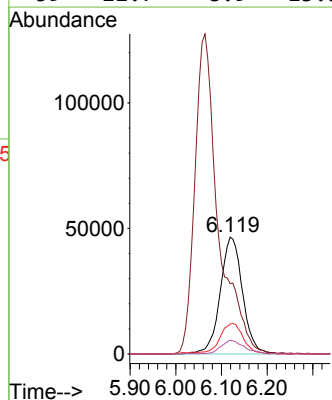
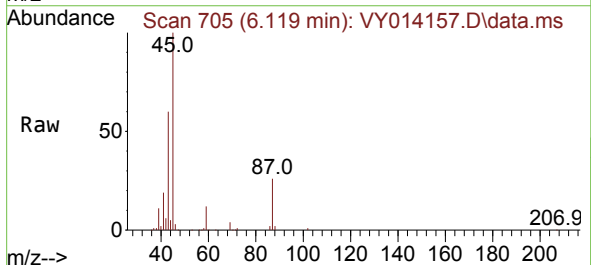
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBSD01

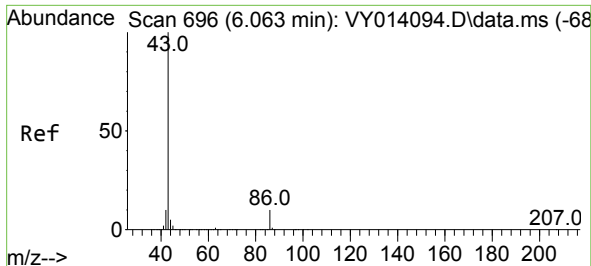
Tgt Ion: 96 Resp: 47744
Ion Ratio Lower Upper
96 100
61 139.8 110.2 165.4
98 70.6 51.8 77.6



#22
Diisopropyl ether
Concen: 20.561 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 45 Resp: 157768
Ion Ratio Lower Upper
45 100
43 59.2 52.2 78.4
87 25.6 21.0 31.6
59 11.7 8.9 13.3

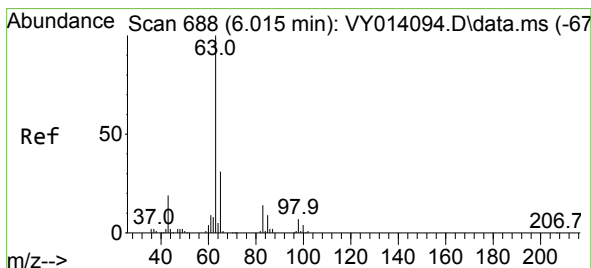
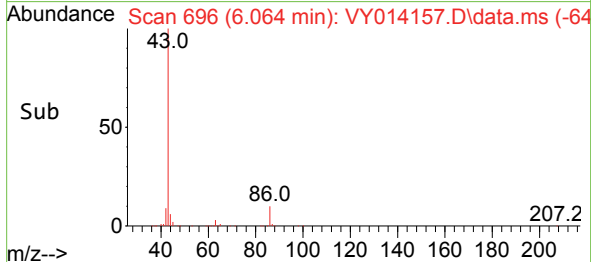
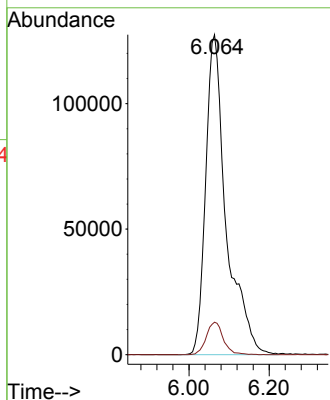
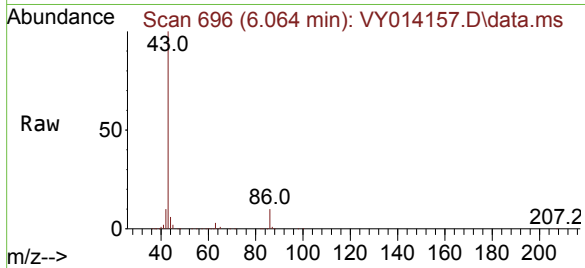




#23
 Vinyl Acetate
 Concen: 100.113 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014157.D
 Acq: 14 Jun 2023 16:38

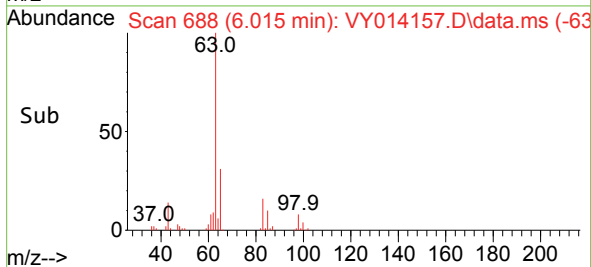
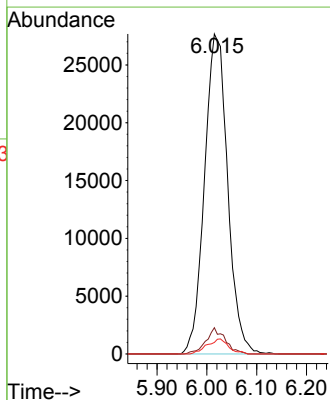
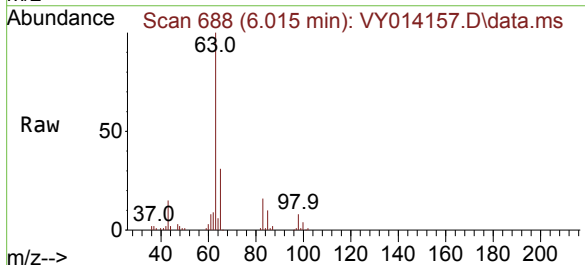
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBSD01

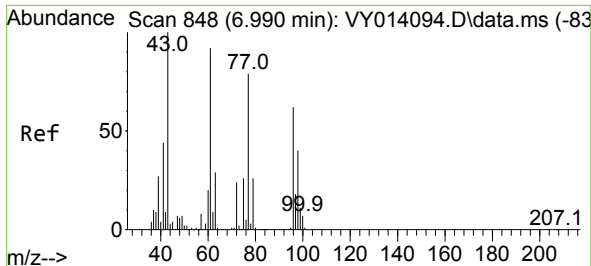
Tgt Ion: 43 Resp: 453236
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.169 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014157.D
 Acq: 14 Jun 2023 16:38

Tgt Ion: 63 Resp: 89226
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 3.6 1.8 5.5

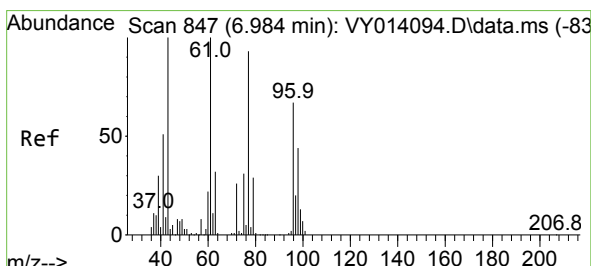
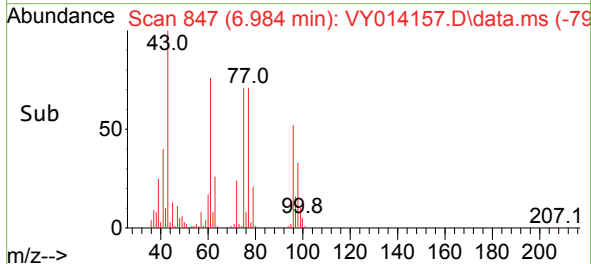
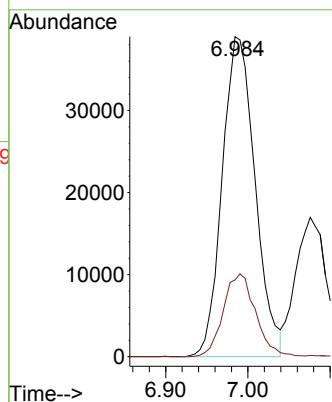
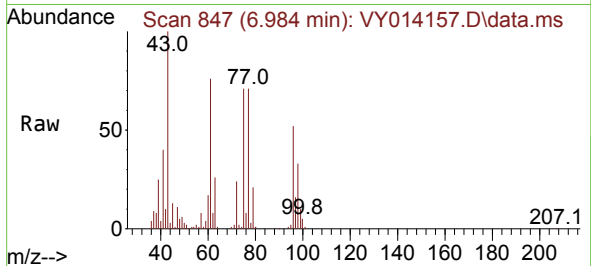




#25
2-Butanone
Concen: 108.376 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

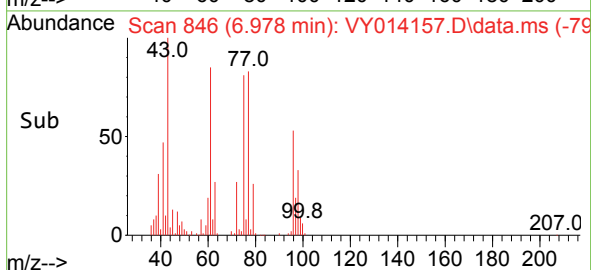
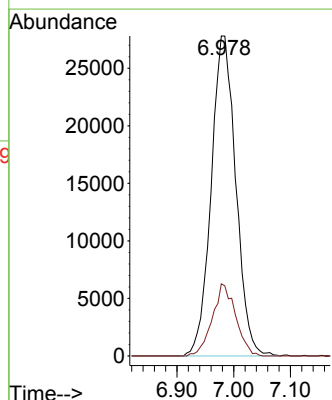
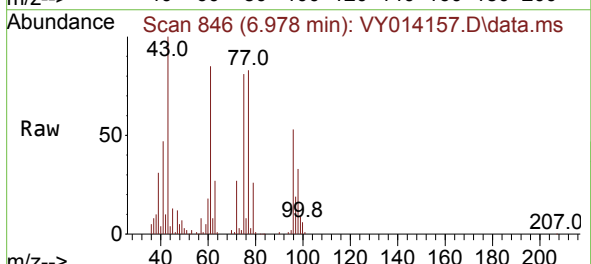
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

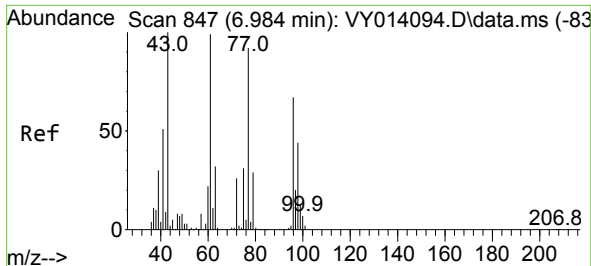
Tgt Ion: 43 Resp: 108429
Ion Ratio Lower Upper
43 100
72 24.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.183 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 77 Resp: 83863
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.9

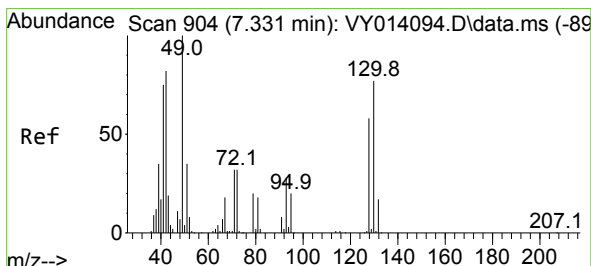
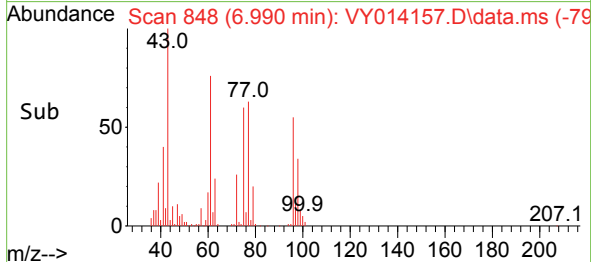
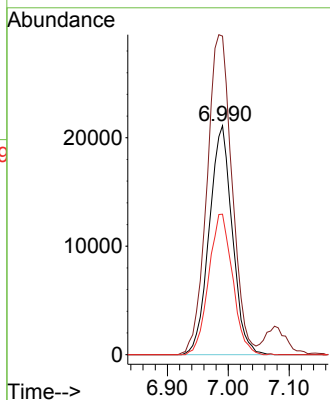
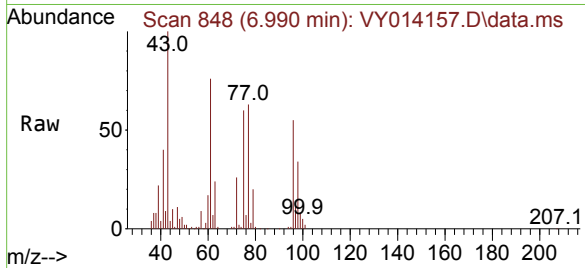




#27
 cis-1,2-Dichloroethene
 Concen: 20.169 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY014157.D
 Acq: 14 Jun 2023 16:38

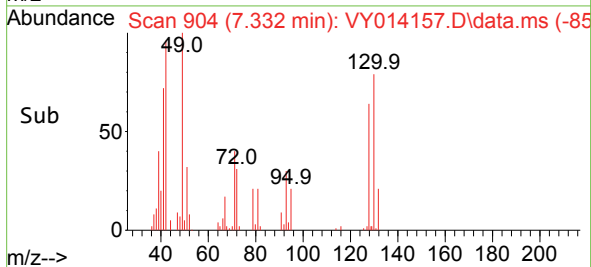
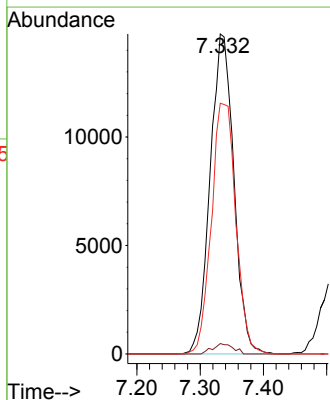
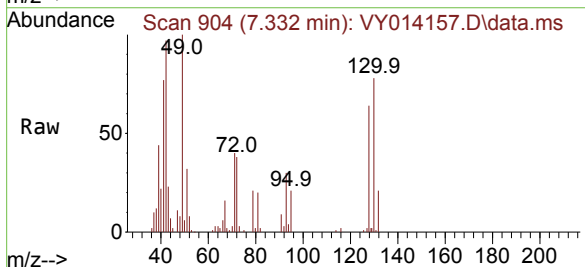
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBSD01

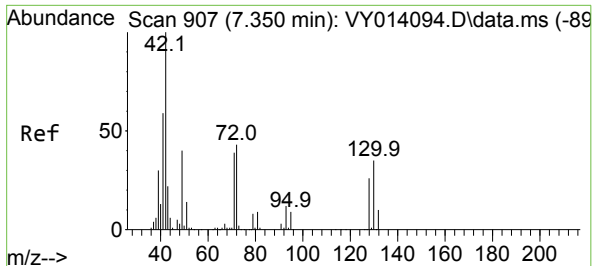
Tgt Ion: 96 Resp: 55636
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 301.4
 98 63.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 21.253 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY014157.D
 Acq: 14 Jun 2023 16:38

Tgt Ion: 49 Resp: 38237
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.6
 130 80.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 104.258 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

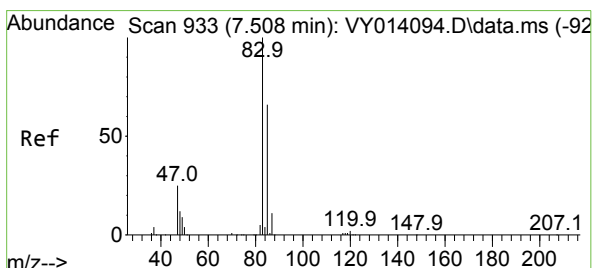
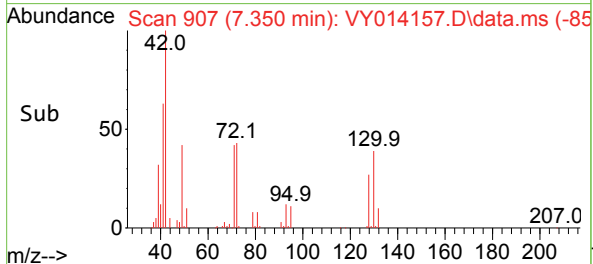
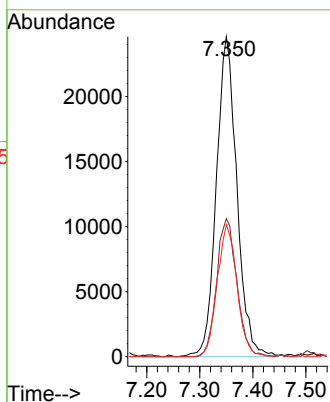
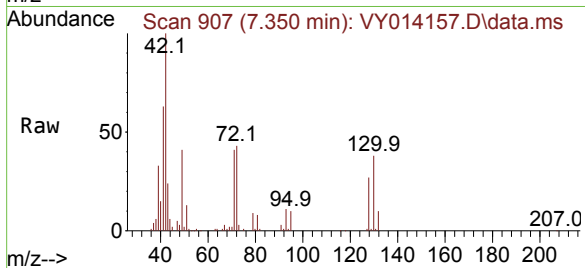
Tgt Ion: 42 Resp: 66143

Ion Ratio Lower Upper

42 100

72 42.3 32.8 49.2

71 40.1 31.0 46.4



#30

Chloroform

Concen: 21.005 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY014157.D

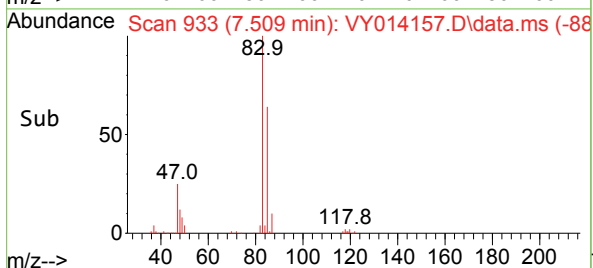
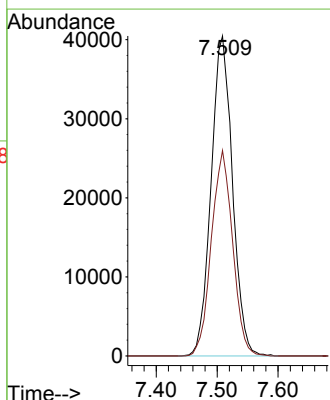
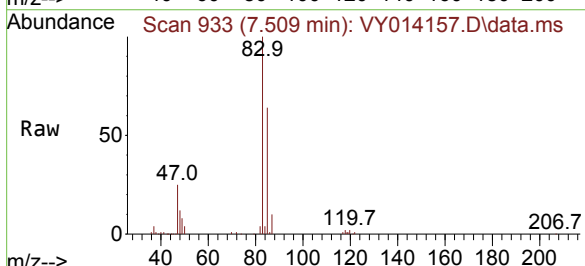
Acq: 14 Jun 2023 16:38

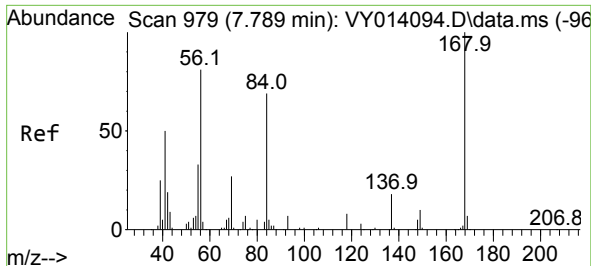
Tgt Ion: 83 Resp: 98587

Ion Ratio Lower Upper

83 100

85 64.2 49.7 74.5

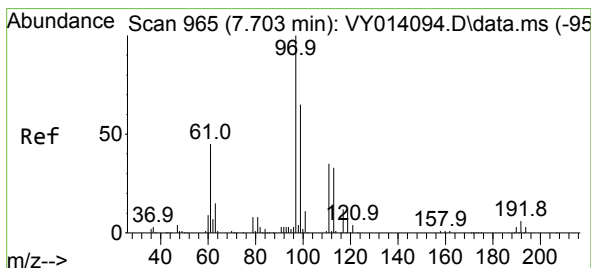
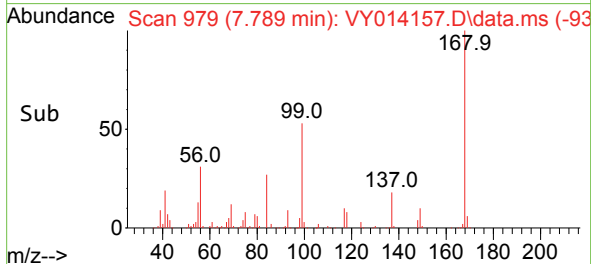
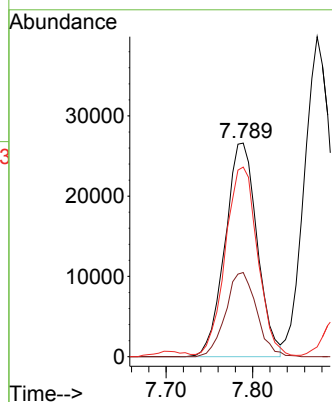
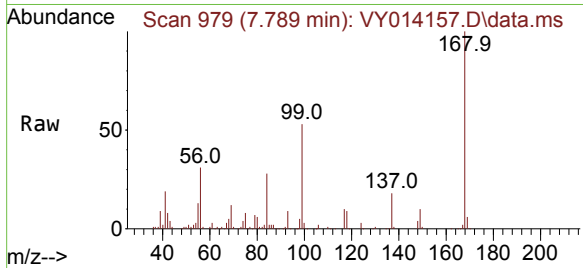




#31
Cyclohexane
Concen: 18.902 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

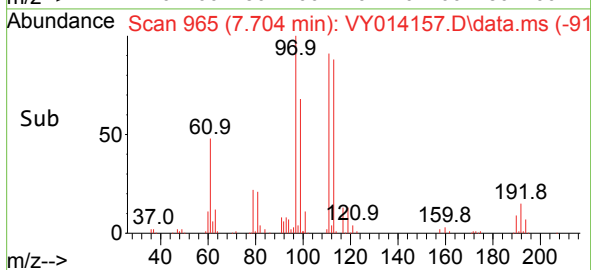
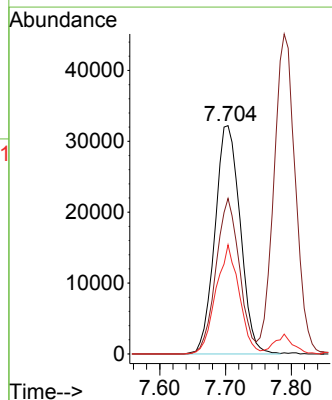
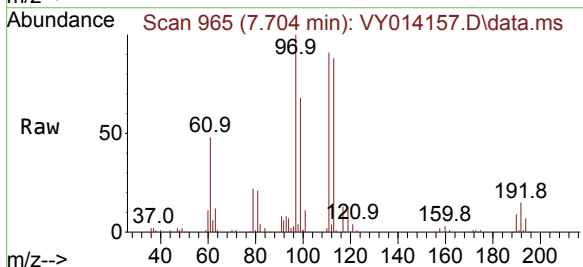
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

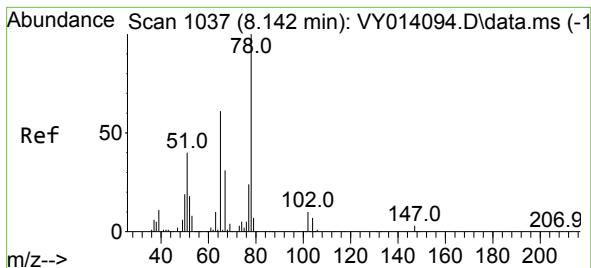
Tgt Ion:	56	Resp:	68275
Ion	Ratio	Lower	Upper
56	100		
69	39.4	27.8	41.6
84	87.1	66.4	99.6



#32
1,1,1-Trichloroethane
Concen: 20.376 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion:	97	Resp:	86251
Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.8	76.2
61	44.0	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 46.209 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

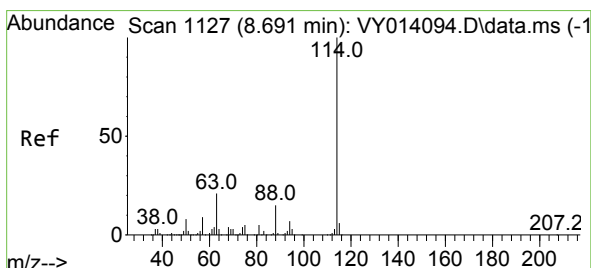
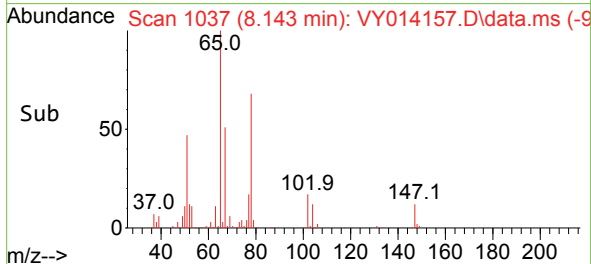
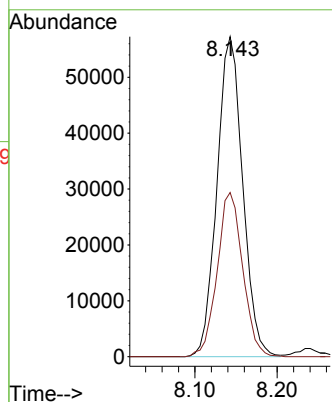
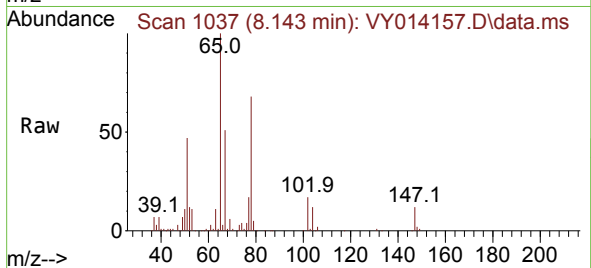
VY0614SBS01

Tgt Ion: 65 Resp: 124596

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

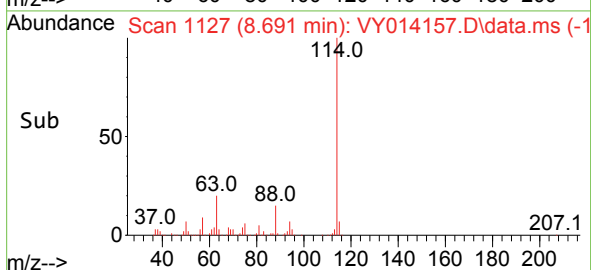
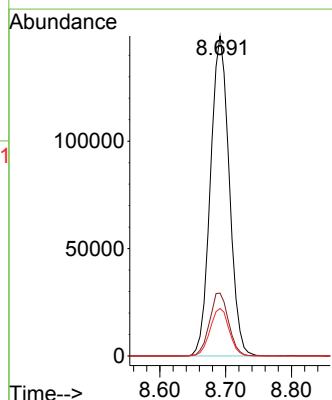
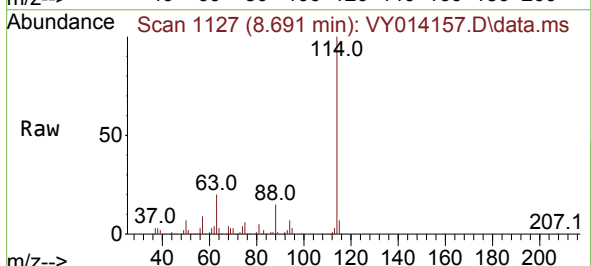
Tgt Ion: 114 Resp: 295215

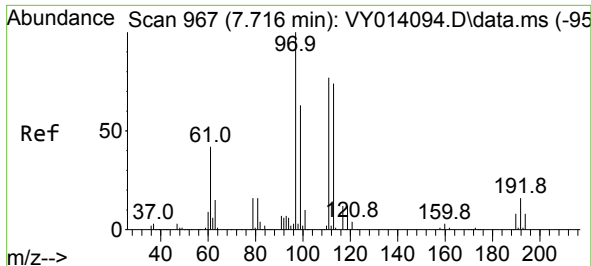
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.9 0.0 30.6

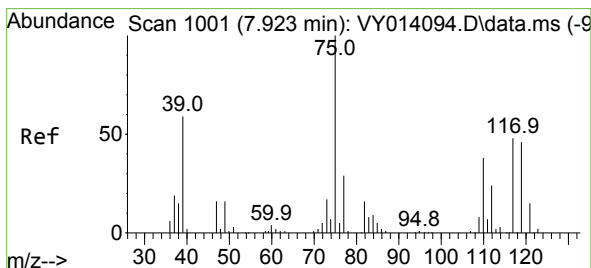
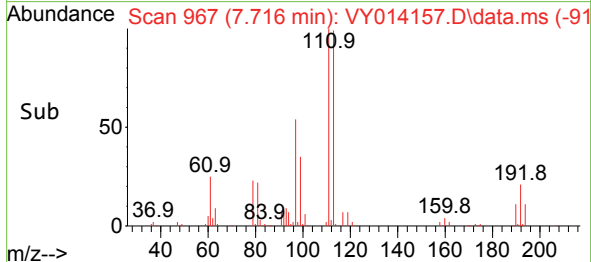
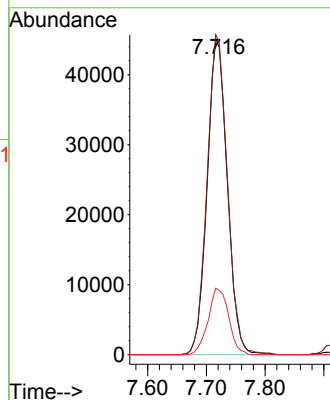
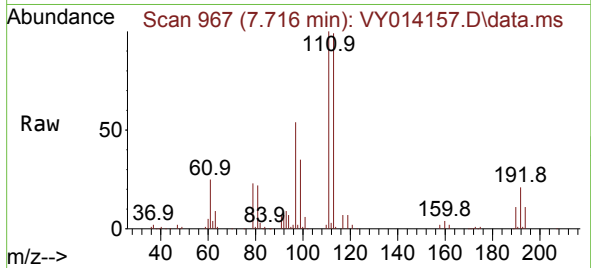




#35
Dibromofluoromethane
Concen: 51.336 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

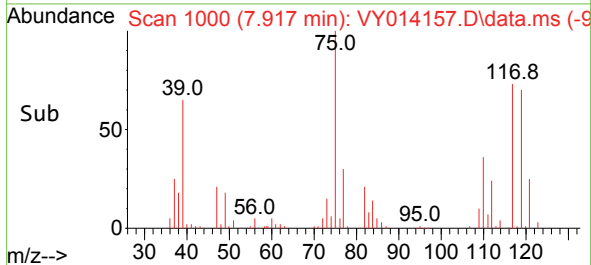
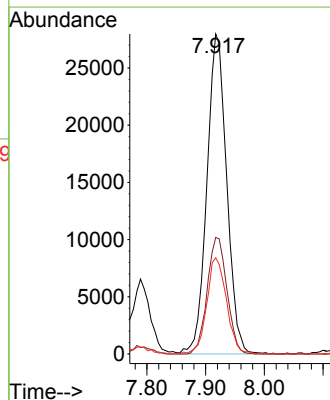
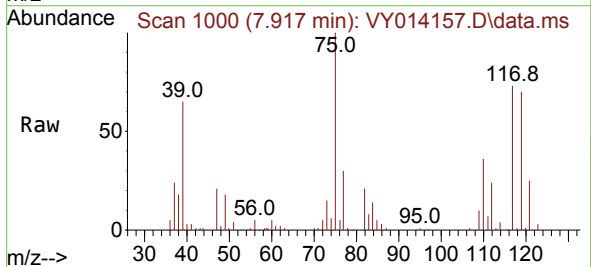
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBSD01

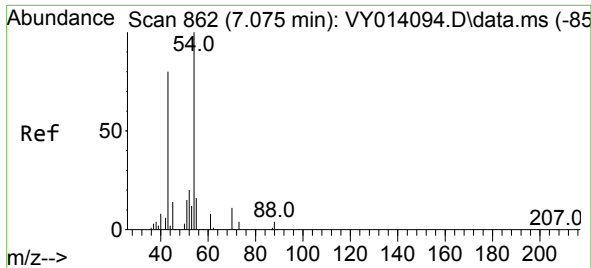
Tgt Ion:113 Resp: 107478
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 21.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.122 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 75 Resp: 65678
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 29.9 24.4 36.6

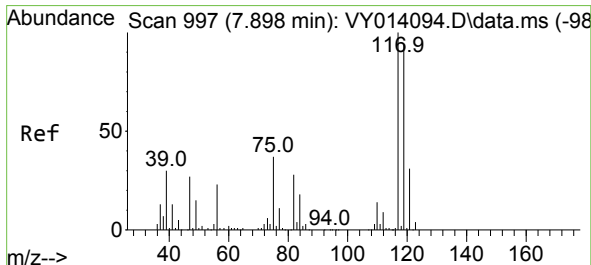
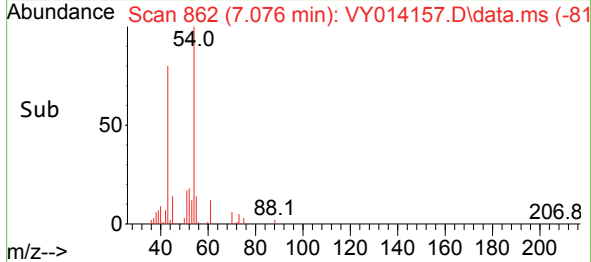
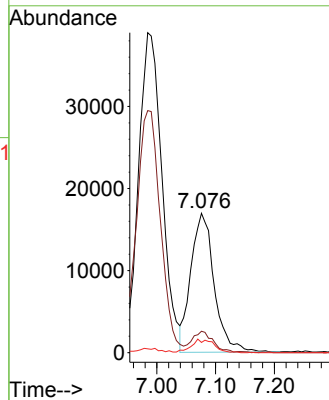
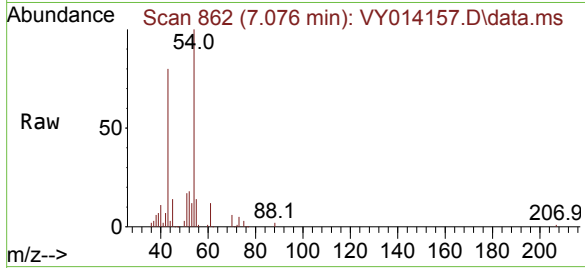




#37
Ethyl Acetate
Concen: 20.782 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

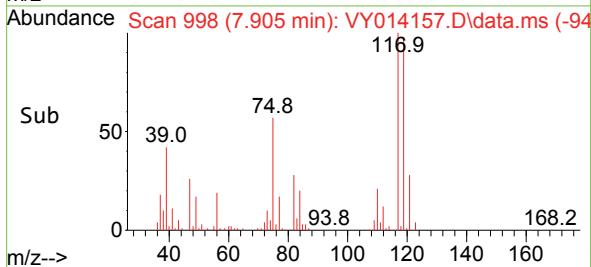
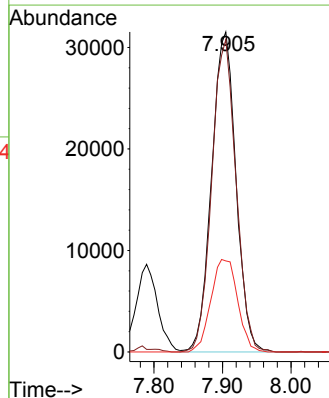
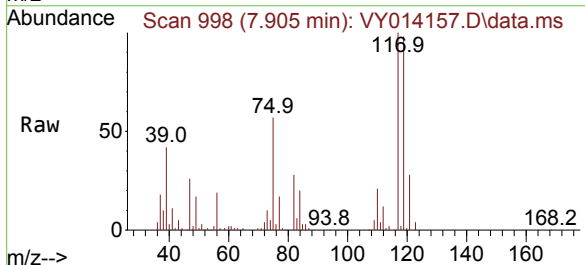
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

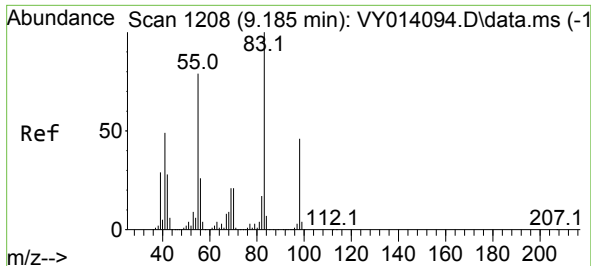
Tgt Ion: 43 Resp: 46803
Ion Ratio Lower Upper
43 100
61 12.8 10.1 15.1
70 9.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.626 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 117 Resp: 77689
Ion Ratio Lower Upper
117 100
119 97.6 76.4 114.6
121 28.4 25.8 38.6





#39

Methylcyclohexane

Concen: 20.041 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBSD01

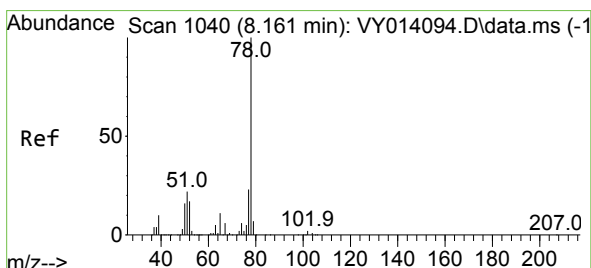
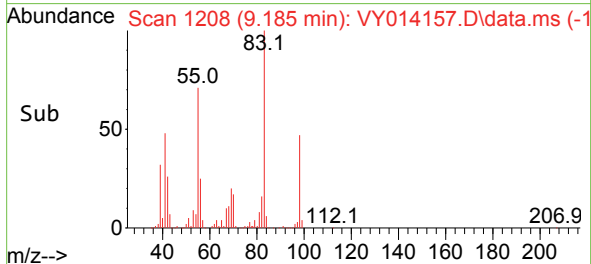
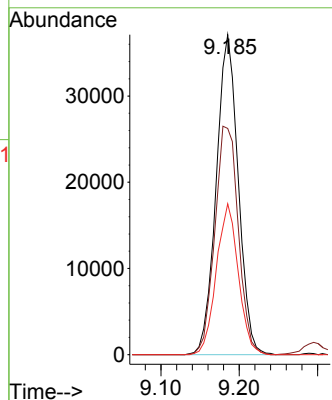
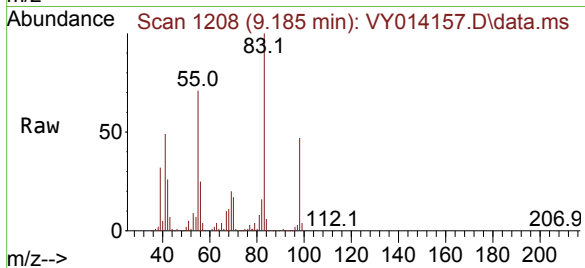
Tgt Ion: 83 Resp: 72577

Ion Ratio Lower Upper

83 100

55 70.7 63.0 94.4

98 47.2 37.4 56.2



#40

Benzene

Concen: 20.361 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014157.D

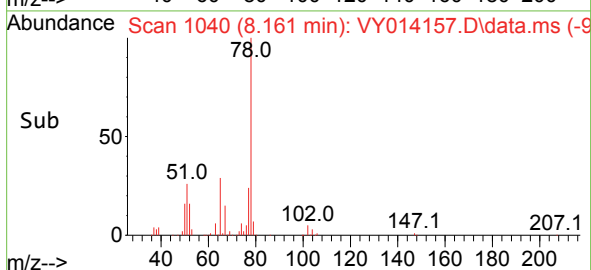
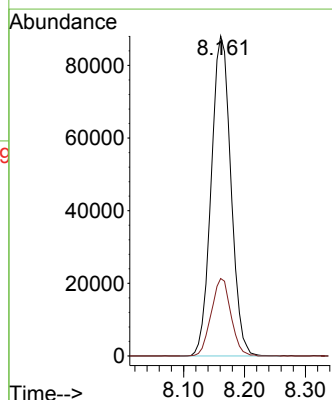
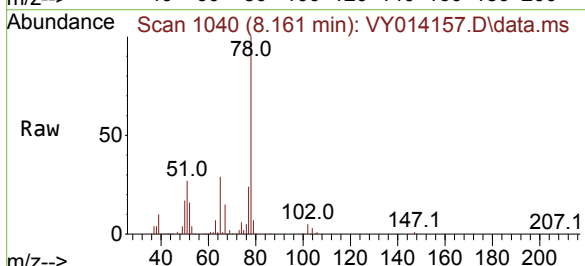
Acq: 14 Jun 2023 16:38

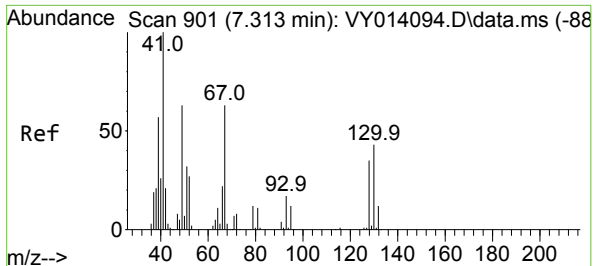
Tgt Ion: 78 Resp: 197622

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

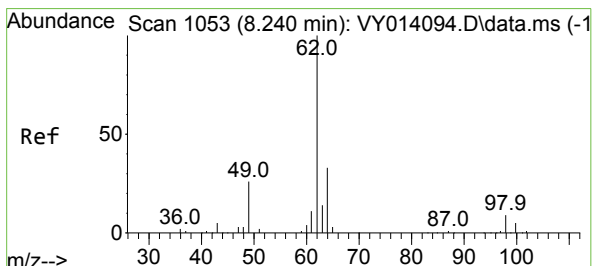
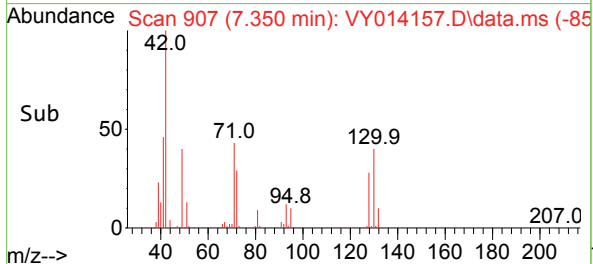
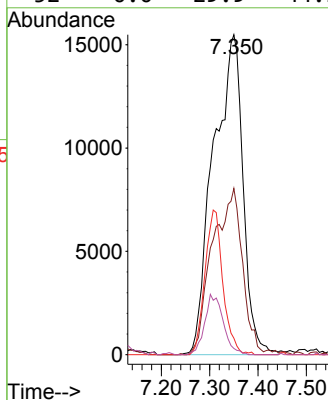
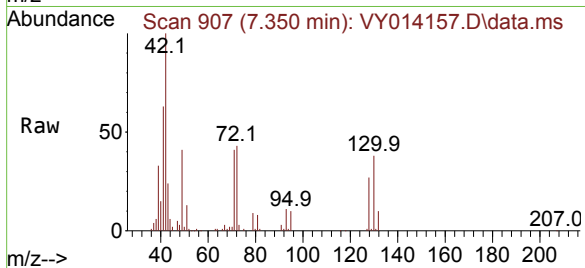




#41
Methacrylonitrile
Concen: 57.142 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.037 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

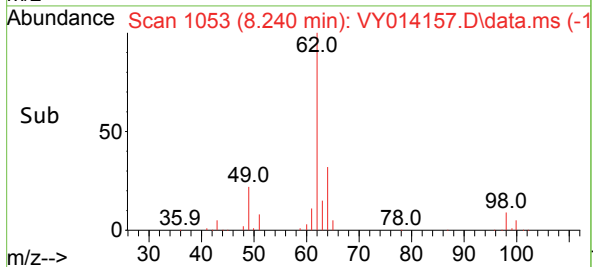
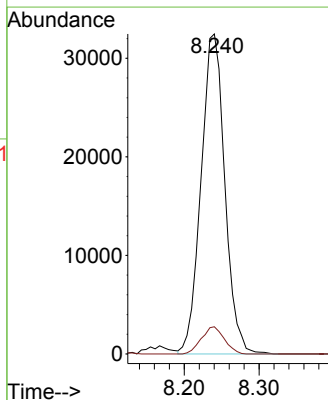
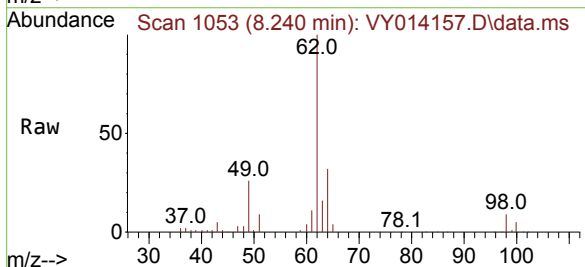
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

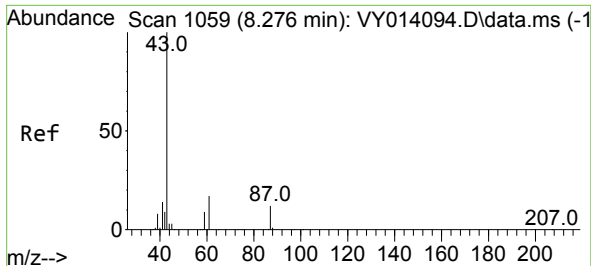
Tgt Ion: 41 Resp: 65676
Ion Ratio Lower Upper
41 100
39 52.7 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.917 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 62 Resp: 71790
Ion Ratio Lower Upper
62 100
98 8.2 0.0 15.8

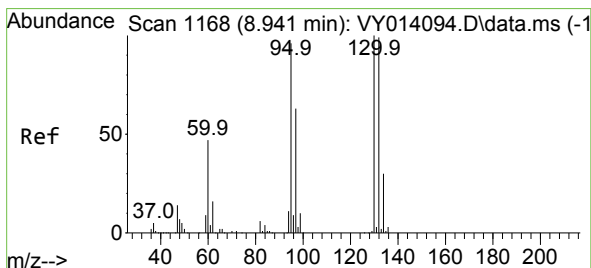
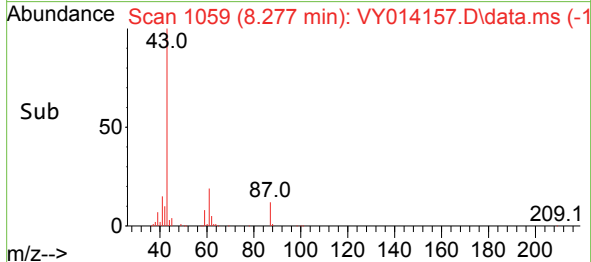
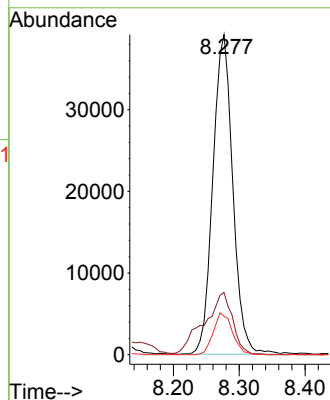
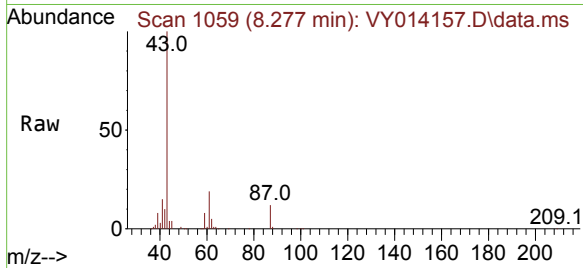




#43
Isopropyl Acetate
Concen: 20.900 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

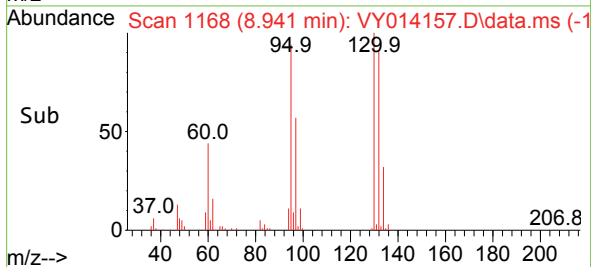
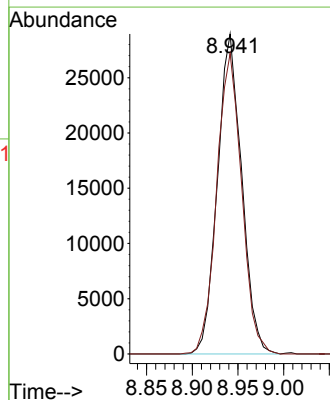
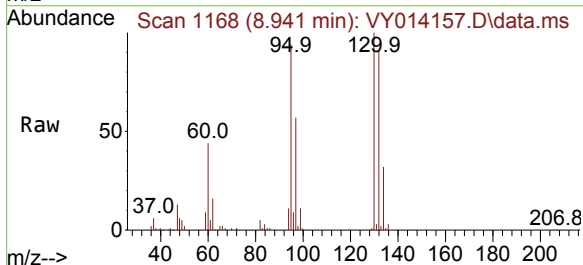
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBSD01

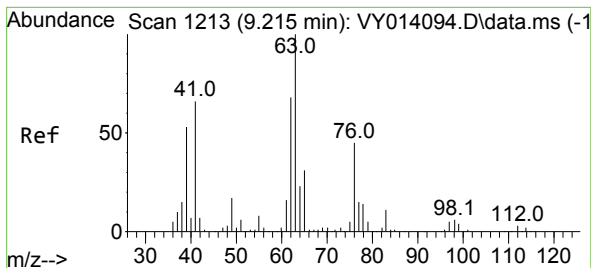
Tgt Ion: 43 Resp: 82495
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 12.6 9.8 14.8



#44
Trichloroethene
Concen: 20.628 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 130 Resp: 53491
Ion Ratio Lower Upper
130 100
95 93.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.440 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

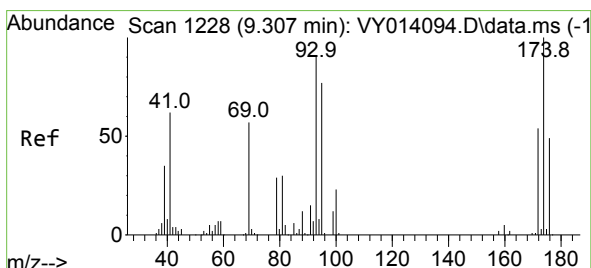
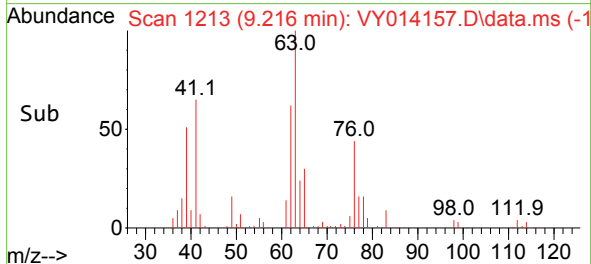
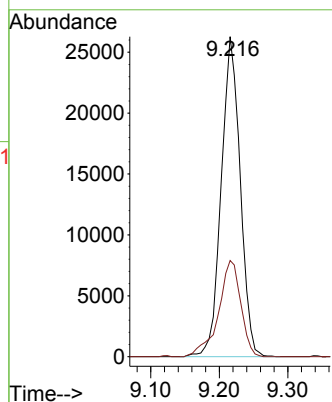
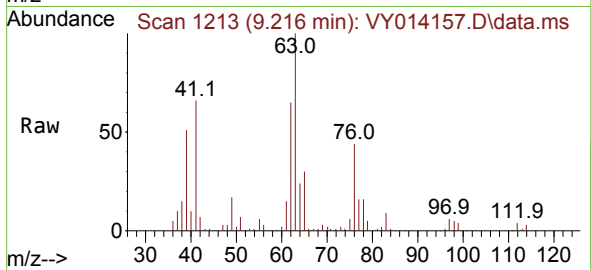
VY0614SBSD01

Tgt Ion: 63 Resp: 50389

Ion Ratio Lower Upper

63 100

65 30.0 23.8 35.6



#46

Dibromomethane

Concen: 20.275 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

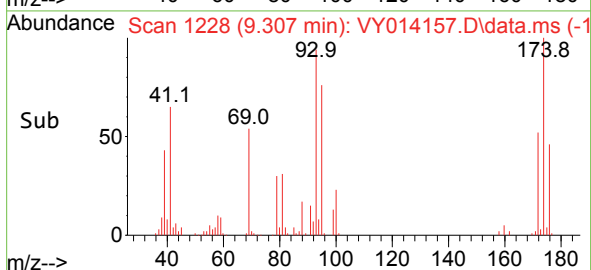
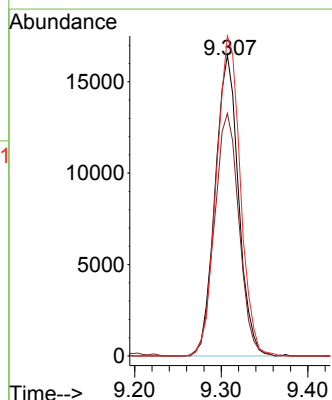
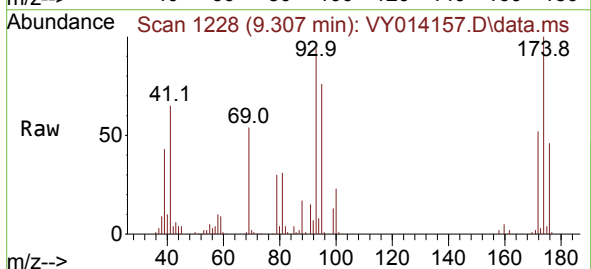
Tgt Ion: 93 Resp: 30767

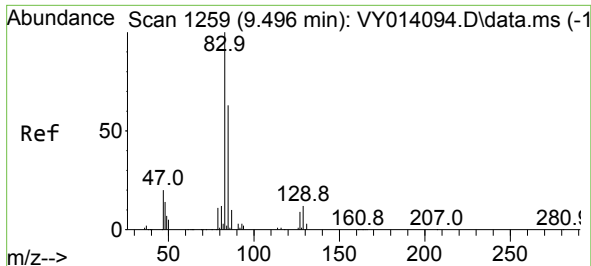
Ion Ratio Lower Upper

93 100

95 84.6 66.6 100.0

174 109.3 84.8 127.2

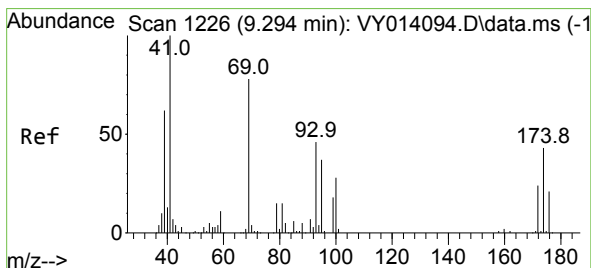
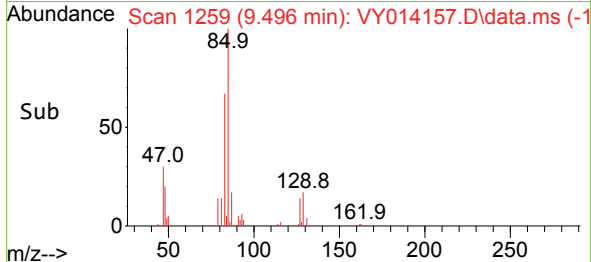
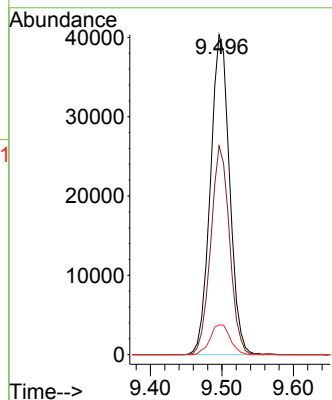
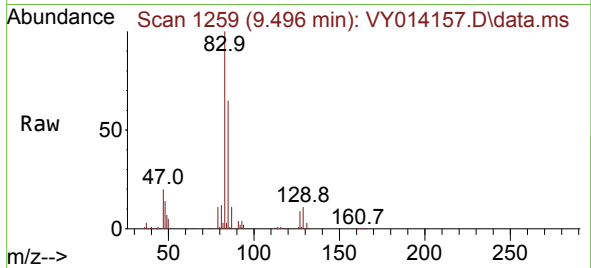




#47
Bromodichloromethane
Concen: 21.119 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

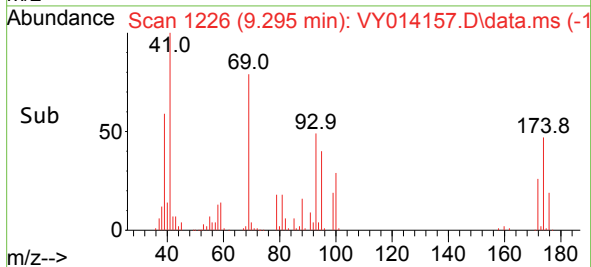
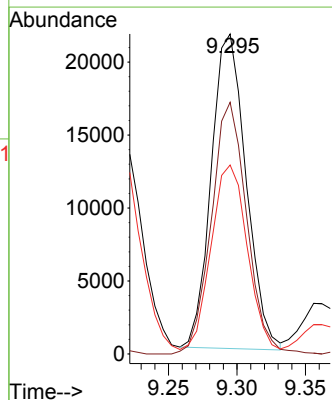
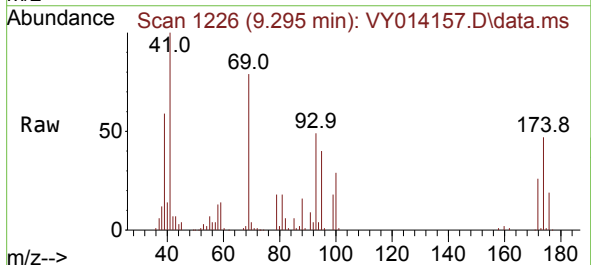
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBSD01

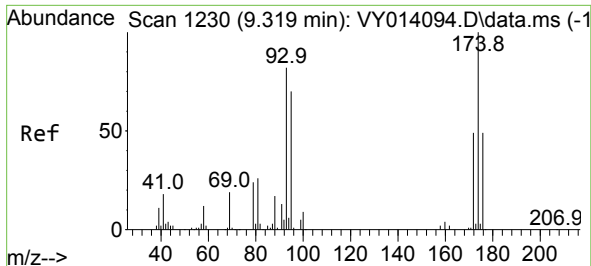
Tgt Ion: 83 Resp: 75038
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 20.671 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 41 Resp: 38055
Ion Ratio Lower Upper
41 100
69 81.3 64.5 96.7
39 63.1 50.8 76.2





#49

1,4-Dioxane

Concen: 431.697 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014157.D

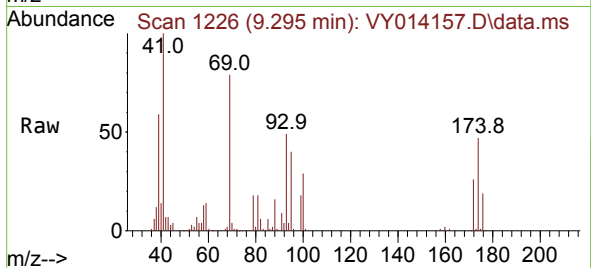
Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBSD01



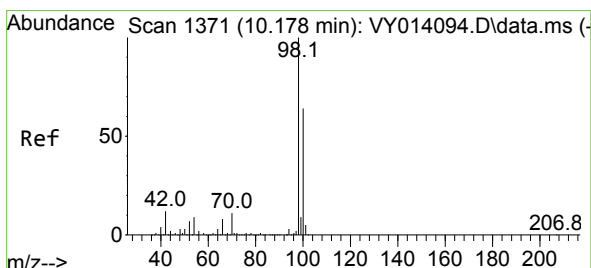
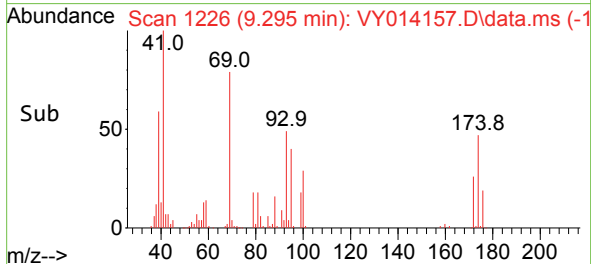
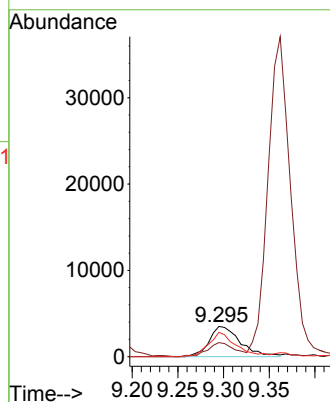
Tgt Ion: 88 Resp: 8324

Ion Ratio Lower Upper

88 100

43 40.6 0.0 0.0#

58 70.7 30.9 46.3#



#50

Toluene-d8

Concen: 46.385 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014157.D

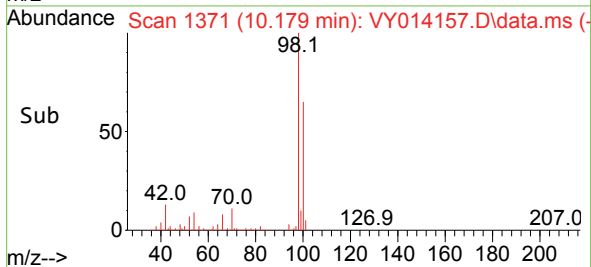
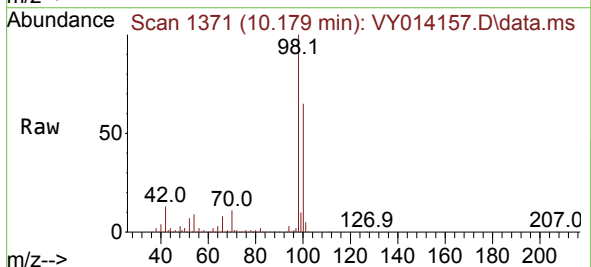
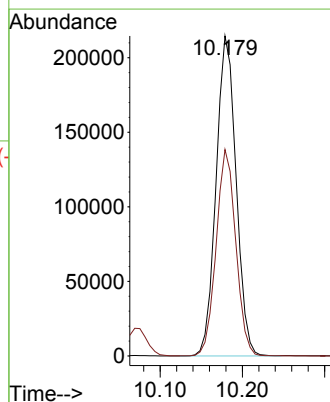
Acq: 14 Jun 2023 16:38

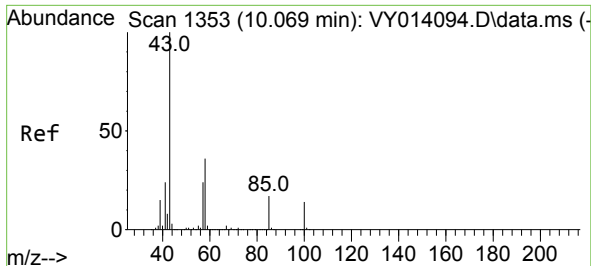
Tgt Ion: 98 Resp: 363061

Ion Ratio Lower Upper

98 100

100 63.2 50.1 75.1

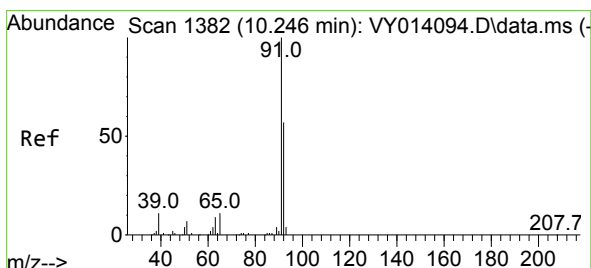
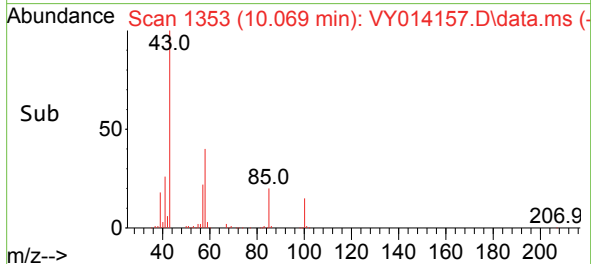
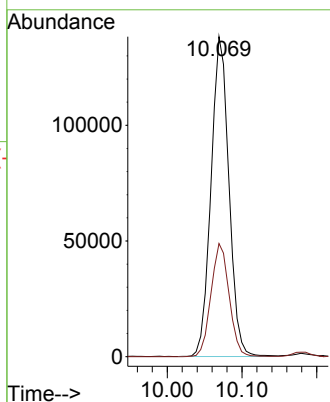
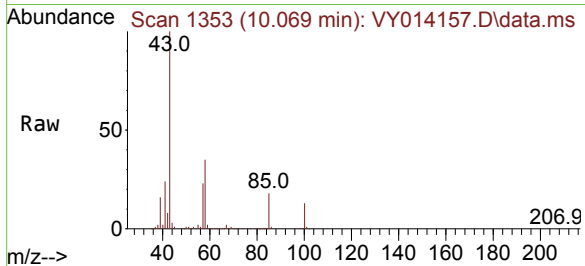




#51
4-Methyl-2-Pentanone
Concen: 107.653 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

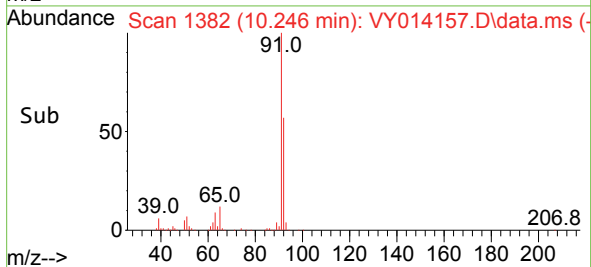
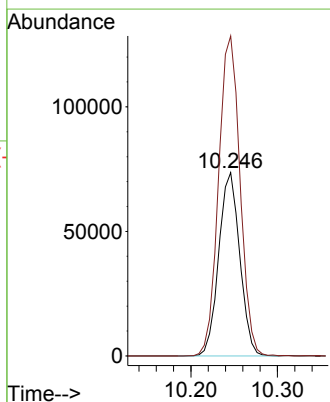
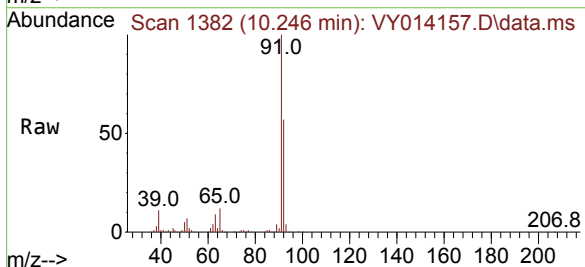
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBSD01

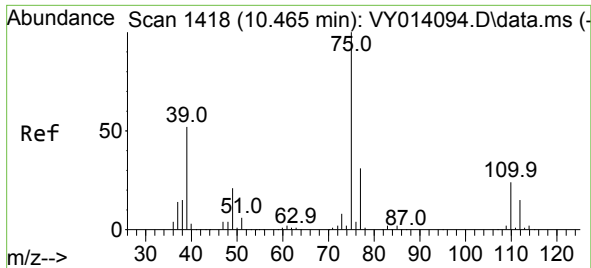
Tgt Ion: 43 Resp: 230857
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.6



#52
Toluene
Concen: 20.588 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 92 Resp: 123871
Ion Ratio Lower Upper
92 100
91 178.5 143.8 215.6

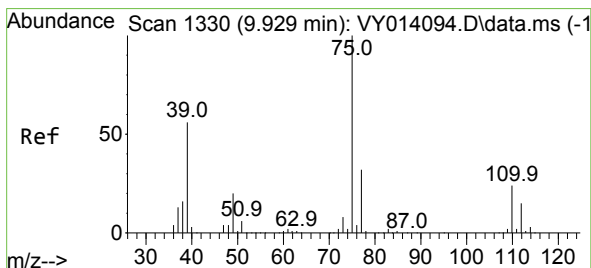
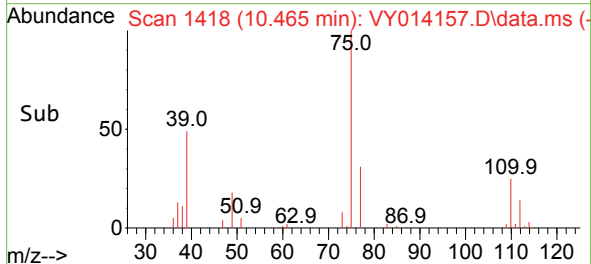
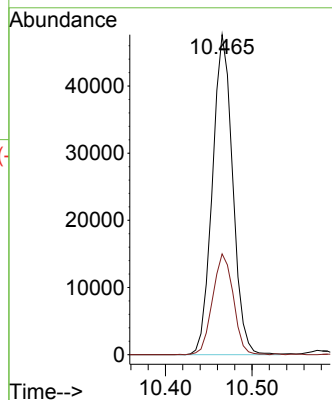
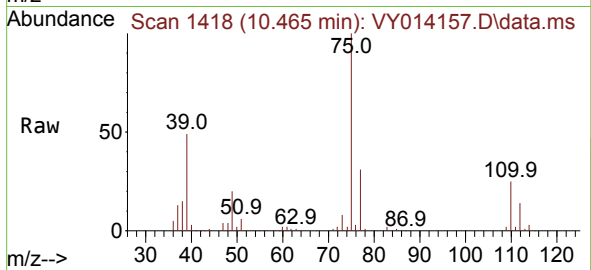




#53
t-1,3-Dichloropropene
Concen: 20.744 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

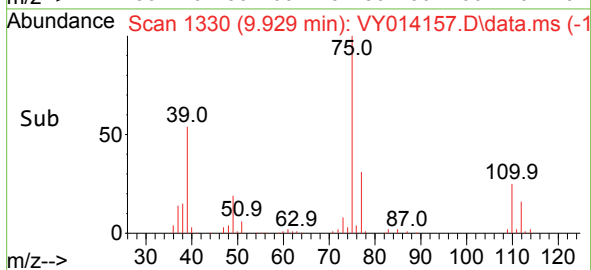
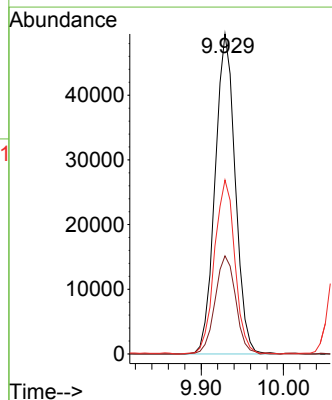
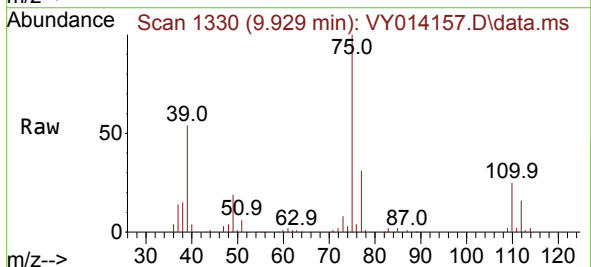
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

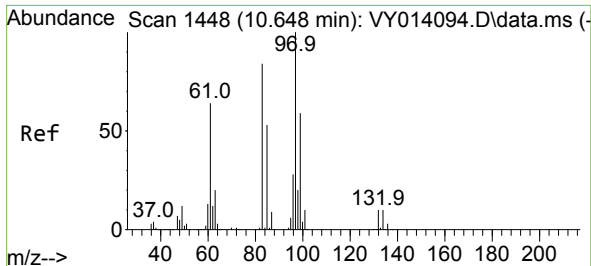
Tgt Ion: 75 Resp: 77592
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.602 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 75 Resp: 84077
Ion Ratio Lower Upper
75 100
77 30.7 24.2 36.4
39 54.4 42.2 63.4

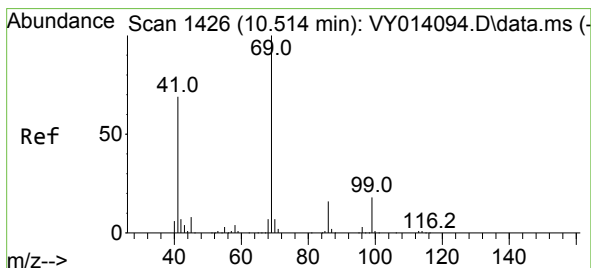
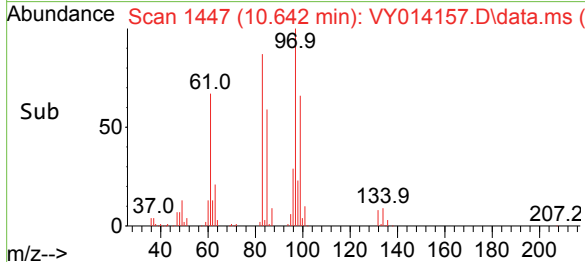
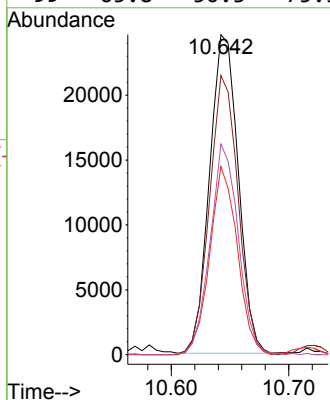
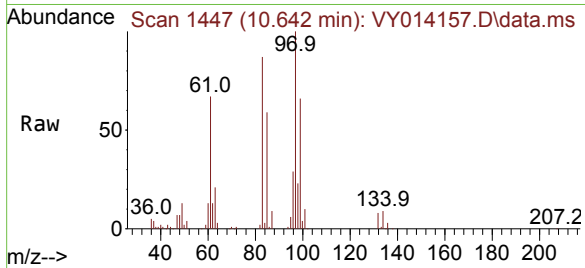




#55
1,1,2-Trichloroethane
Concen: 20.776 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

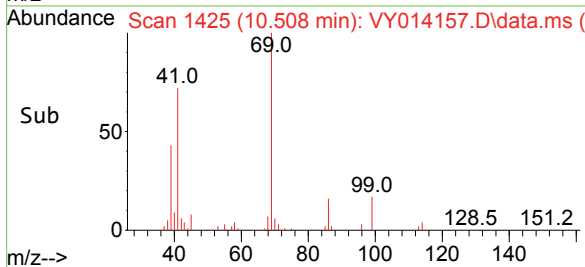
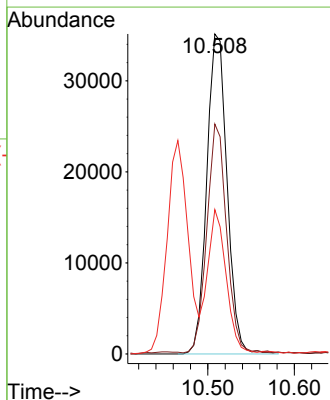
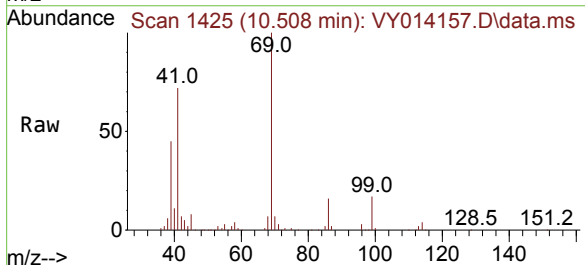
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBSD01

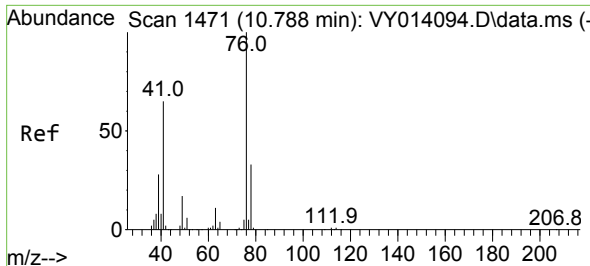
Tgt Ion: 97 Resp: 41818
Ion Ratio Lower Upper
97 100
83 87.6 72.0 108.0
85 59.0 45.4 68.0
99 65.8 50.3 75.5



#56
Ethyl methacrylate
Concen: 20.607 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 69 Resp: 57211
Ion Ratio Lower Upper
69 100
41 69.3 57.6 86.4
39 40.5 34.1 51.1

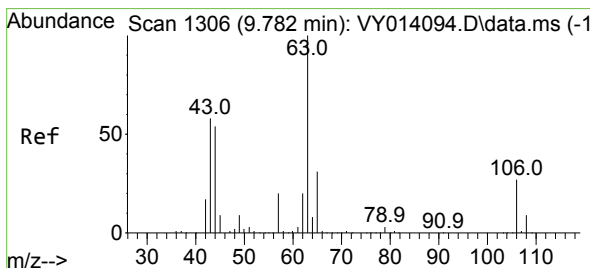
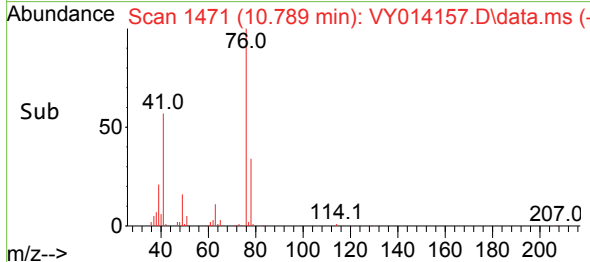
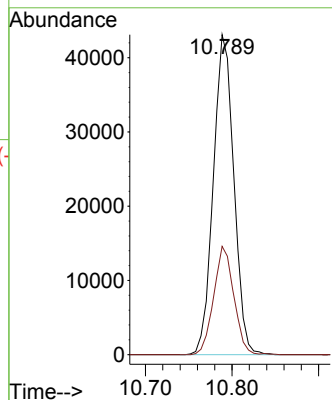
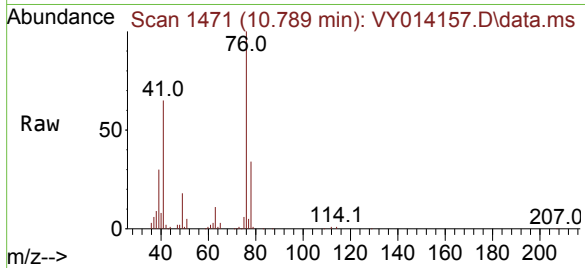




#57
1,3-Dichloropropane
Concen: 20.593 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

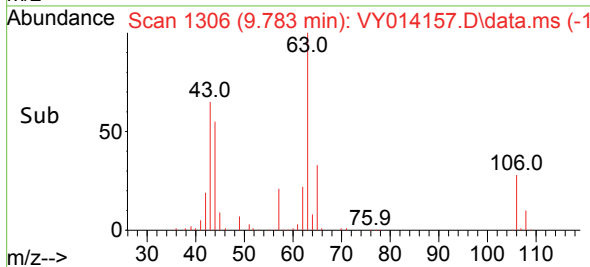
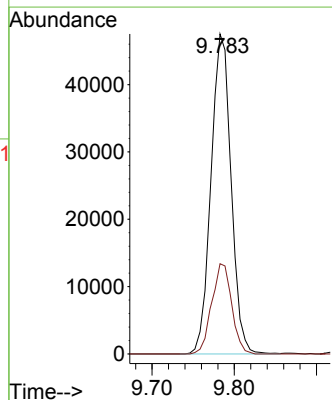
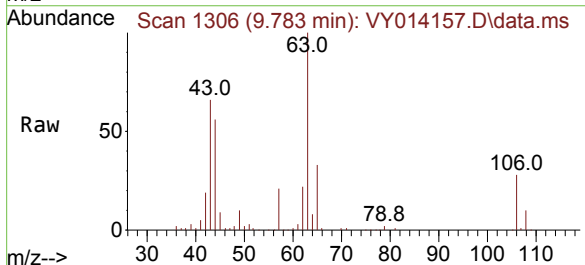
Instrument : MSVOA_Y
ClientSampleId : VY0614SBSD01

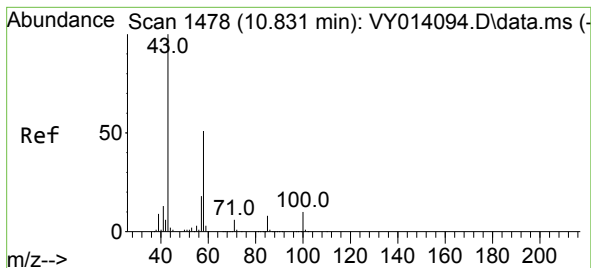
Tgt Ion: 76 Resp: 70890
Ion Ratio Lower Upper
76 100
78 33.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 86.173 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 63 Resp: 80628
Ion Ratio Lower Upper
63 100
106 28.1 21.2 31.8

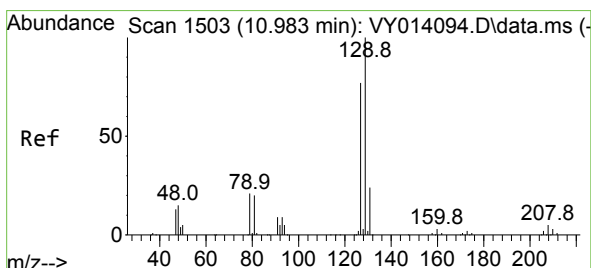
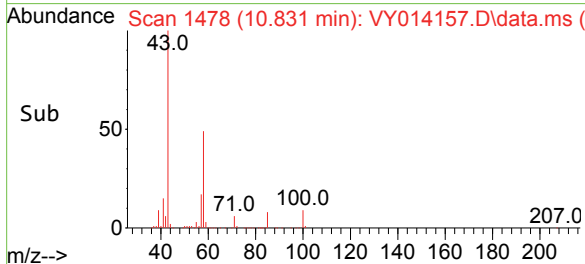
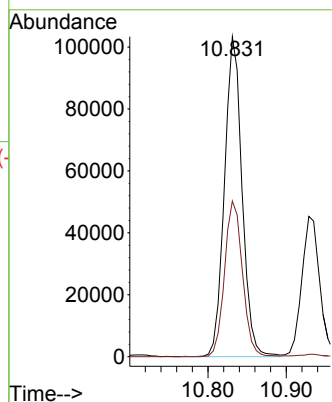
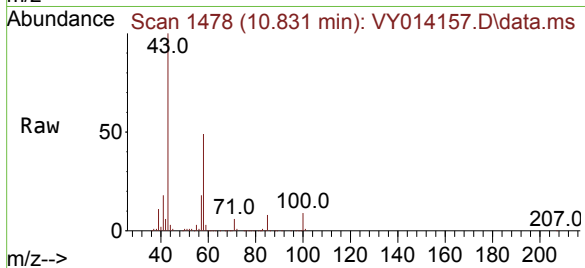




#59
2-Hexanone
Concen: 104.356 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

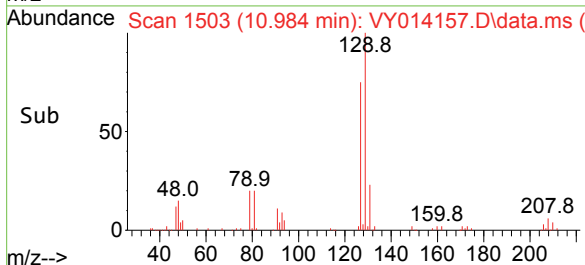
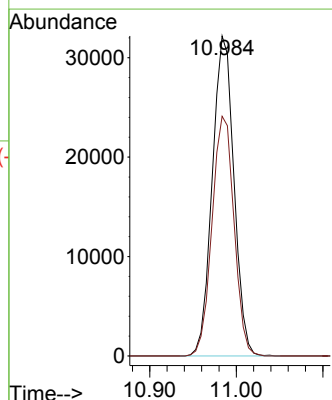
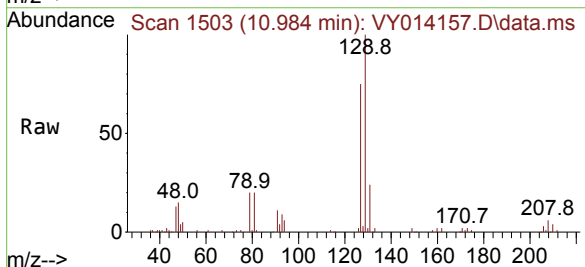
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

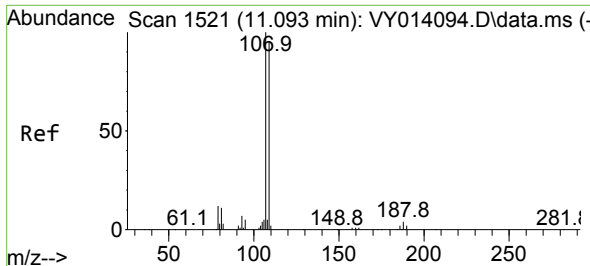
Tgt Ion: 43 Resp: 161632
Ion Ratio Lower Upper
43 100
58 49.6 25.1 75.3



#60
Dibromochloromethane
Concen: 21.667 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 129 Resp: 55818
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5

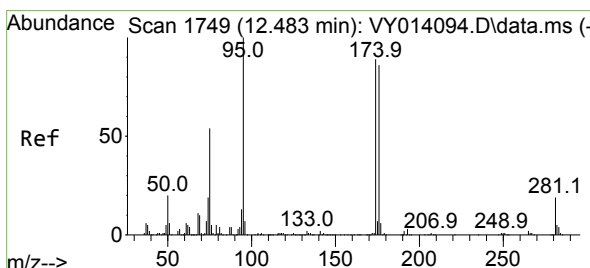
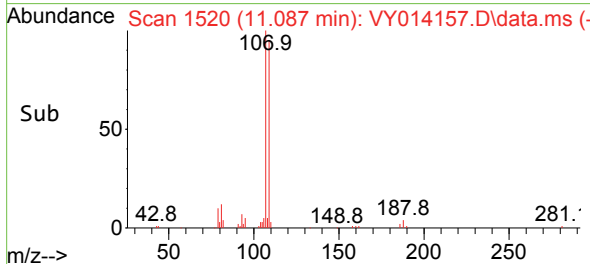
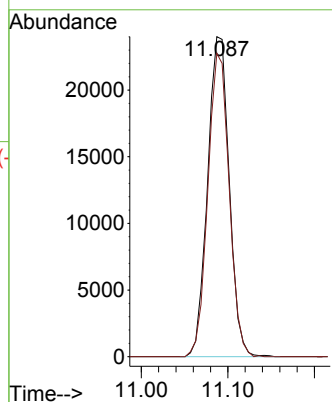
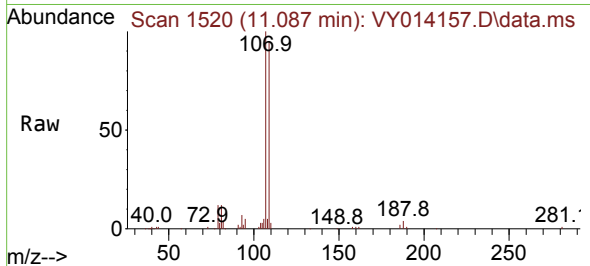




#61
1,2-Dibromoethane
Concen: 20.939 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

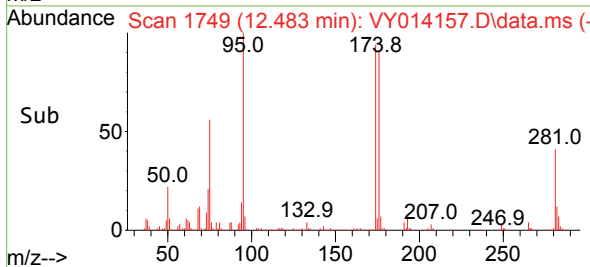
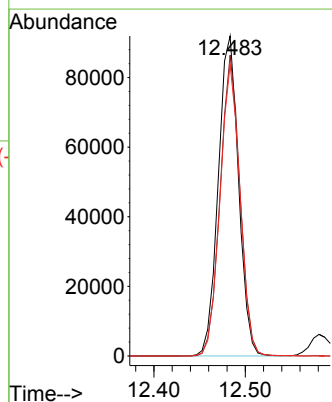
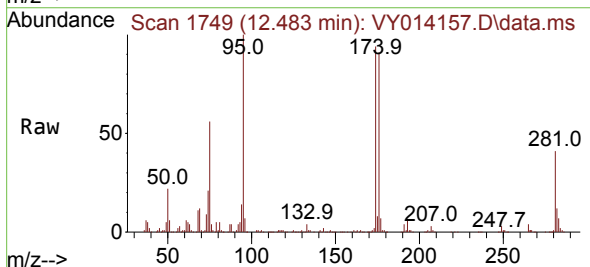
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

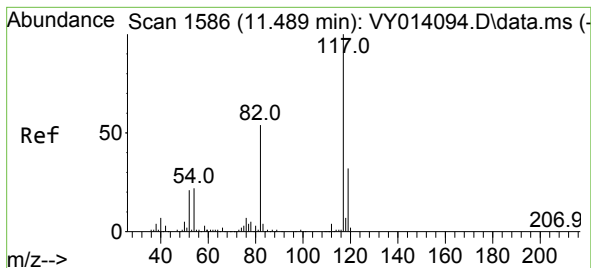
Tgt Ion:107 Resp: 41594
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 95 Resp: 141807
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.2
176 89.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBSD01

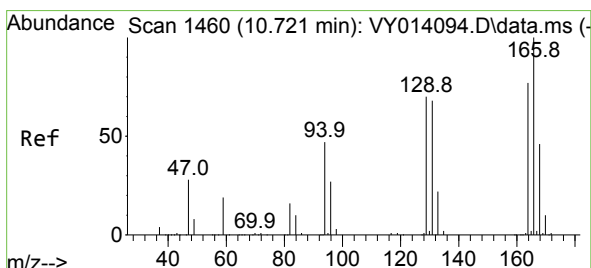
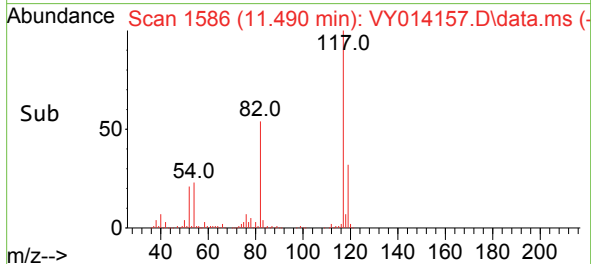
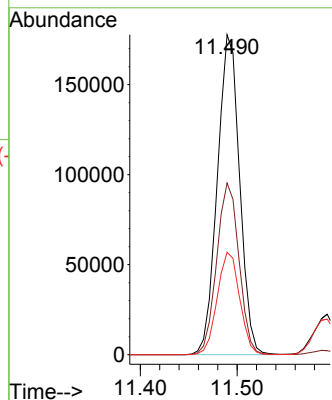
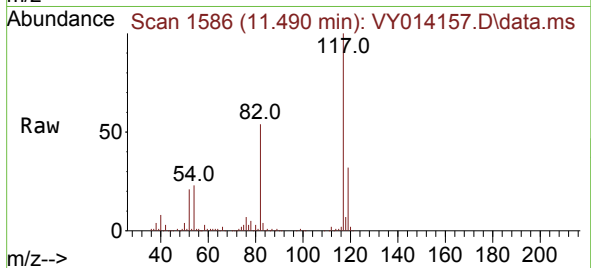
Tgt Ion:117 Resp: 283890

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 20.167 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Tgt Ion:164 Resp: 48799

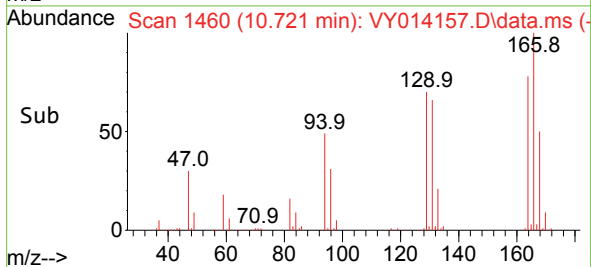
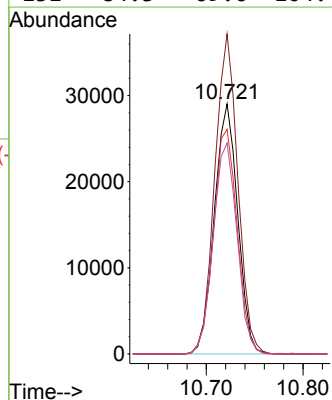
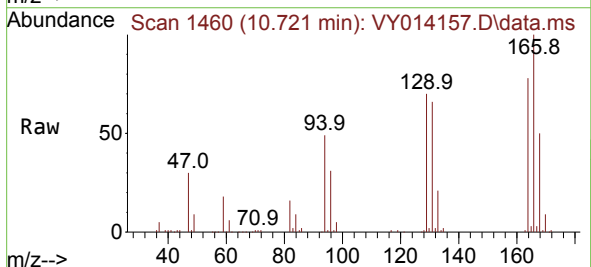
Ion Ratio Lower Upper

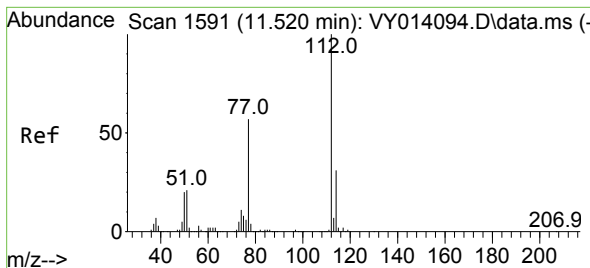
164 100

166 127.9 103.0 154.6

129 89.8 77.2 115.8

131 84.3 69.6 104.4





#65

Chlorobenzene

Concen: 20.120 ug/l

RT: 11.514 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

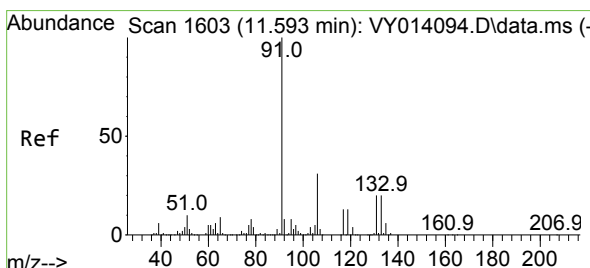
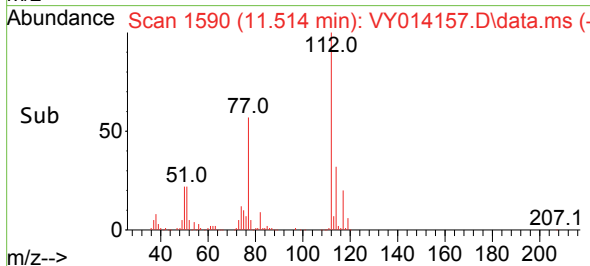
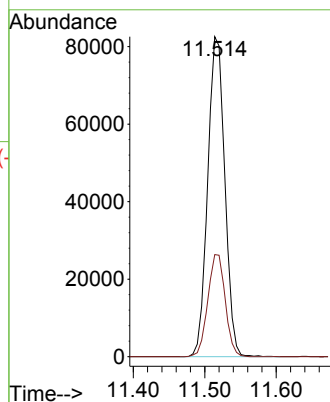
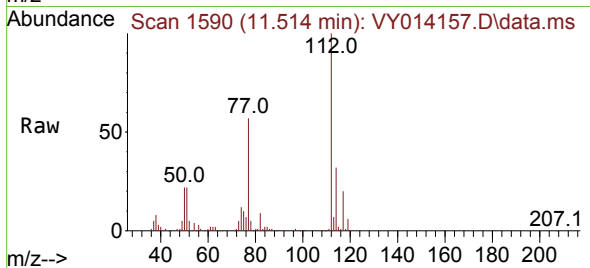
VY0614SBS01

Tgt Ion:112 Resp: 137247

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.488 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

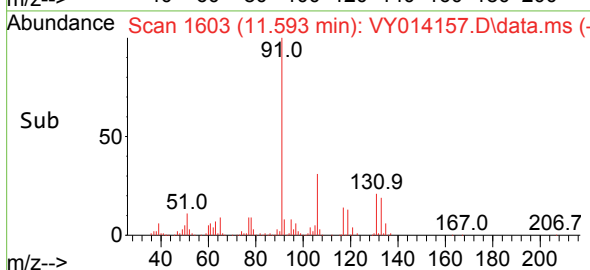
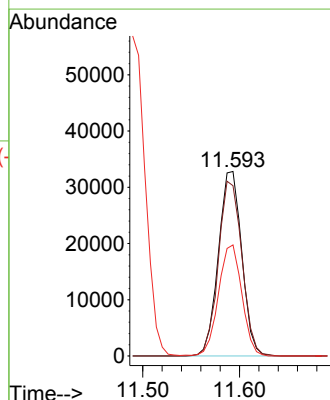
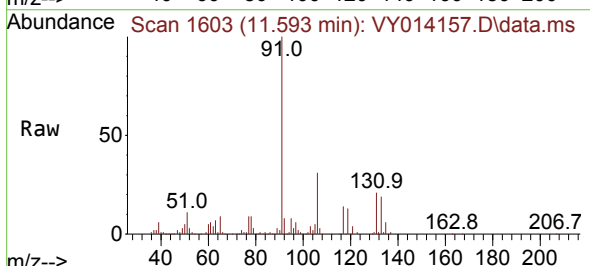
Tgt Ion:131 Resp: 54969

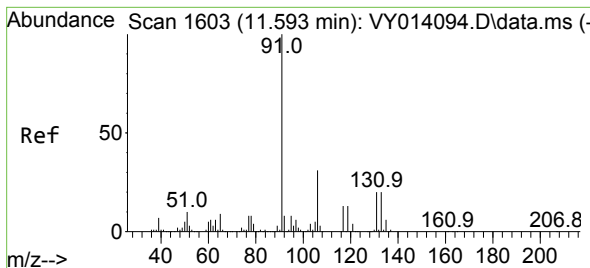
Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.6

119 60.4 31.6 94.7





#67

Ethyl Benzene

Concen: 19.766 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

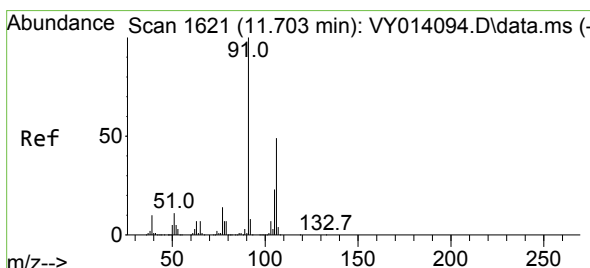
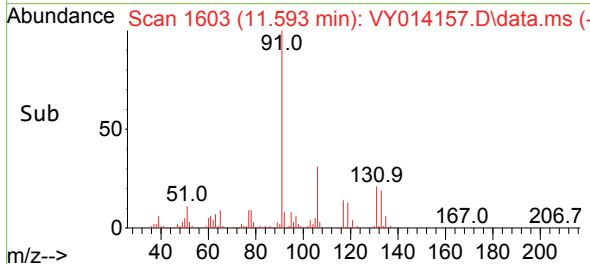
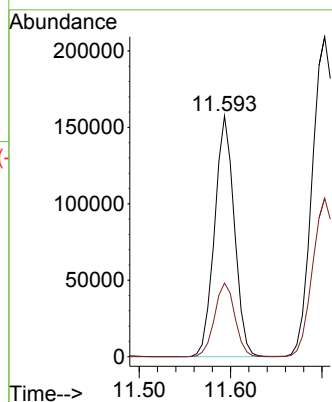
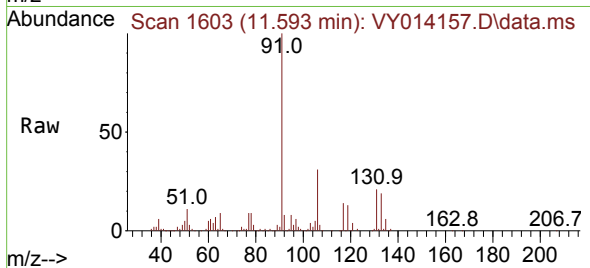
VY0614SBSD01

Tgt Ion: 91 Resp: 236015

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 40.863 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014157.D

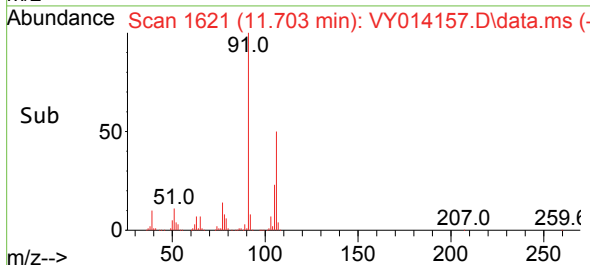
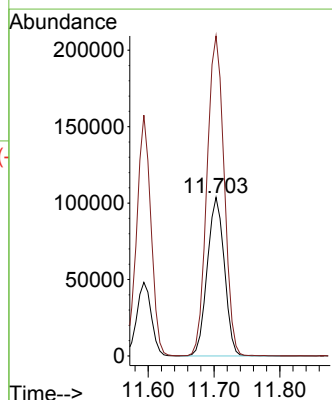
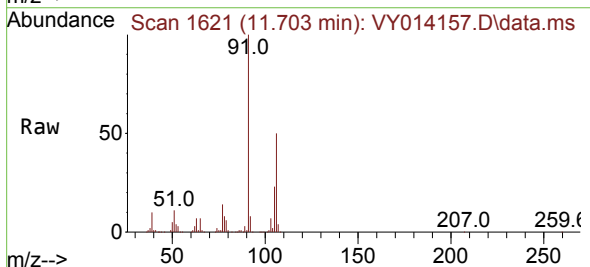
Acq: 14 Jun 2023 16:38

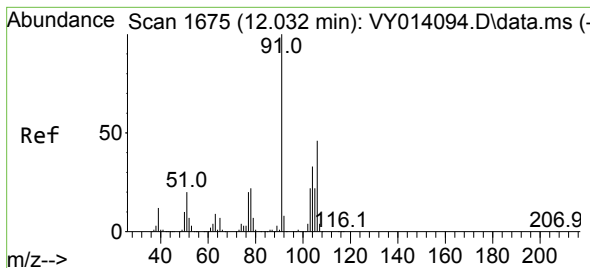
Tgt Ion:106 Resp: 187670

Ion Ratio Lower Upper

106 100

91 202.4 166.1 249.1

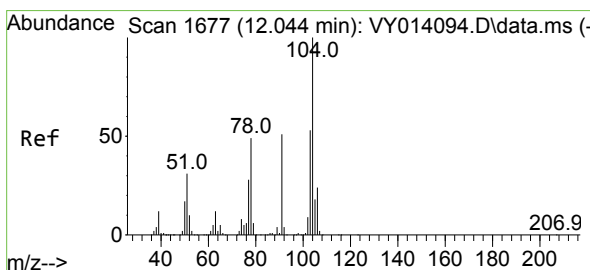
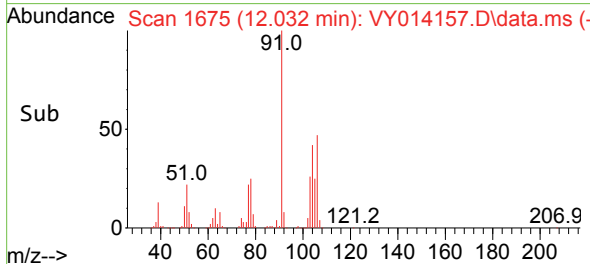
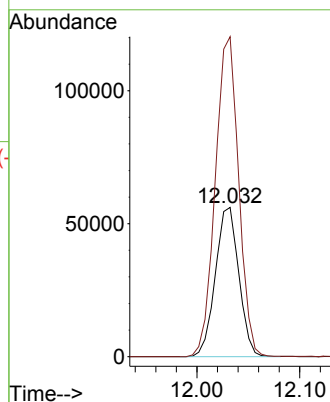
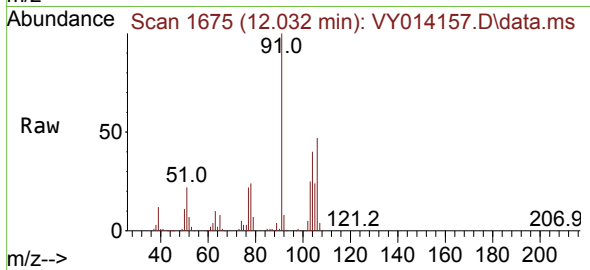




#69
o-Xylene
Concen: 20.473 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

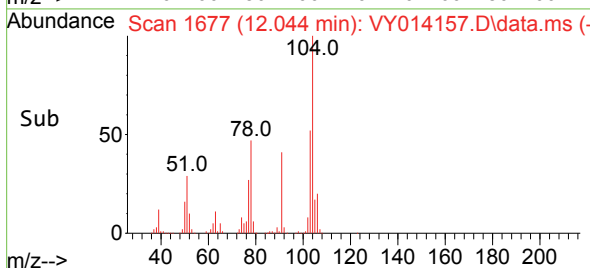
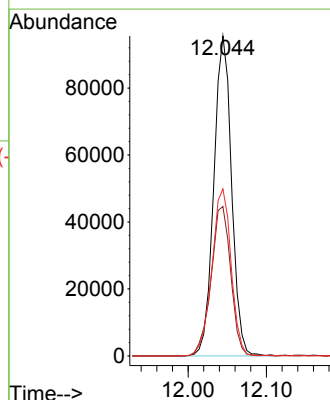
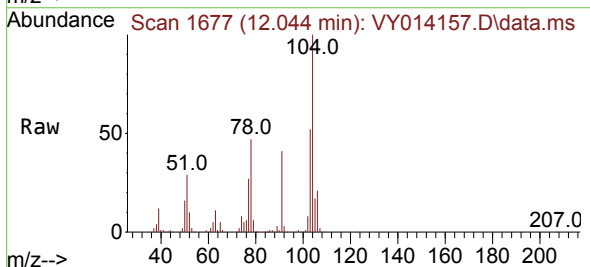
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBSD01

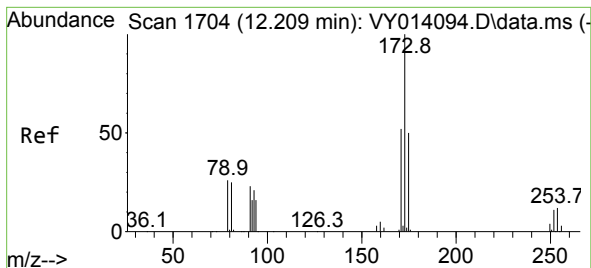
Tgt Ion:106 Resp: 88896
Ion Ratio Lower Upper
106 100
91 213.7 108.1 324.3



#70
Styrene
Concen: 20.332 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion:104 Resp: 150673
Ion Ratio Lower Upper
104 100
78 51.7 41.5 62.3
103 56.5 44.6 67.0





#71

Bromoform

Concen: 20.890 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBSD01

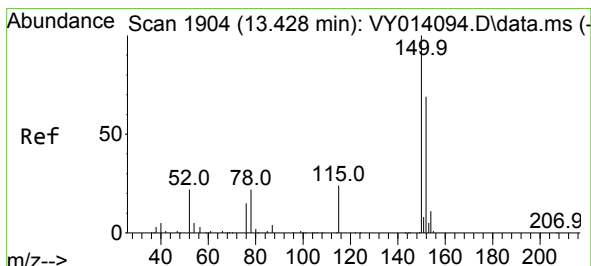
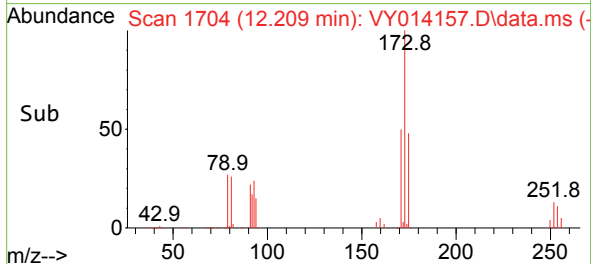
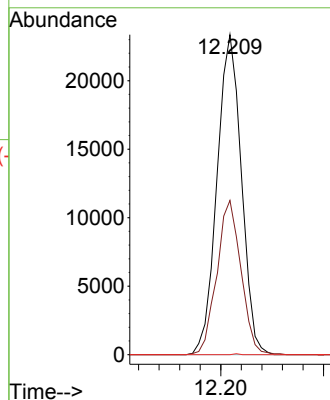
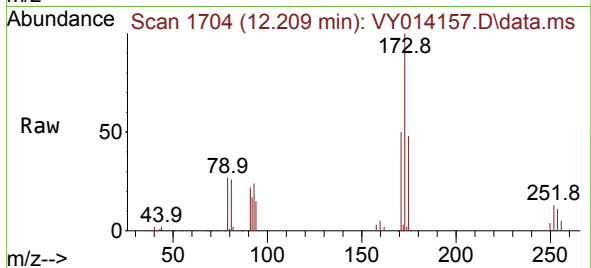
Tgt Ion:173 Resp: 38384

Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

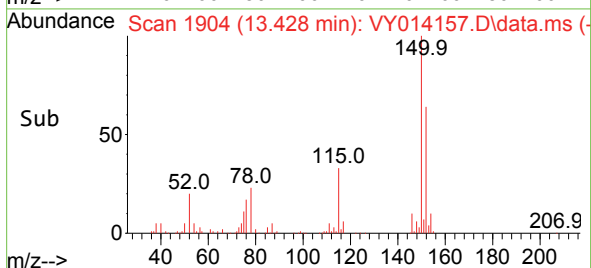
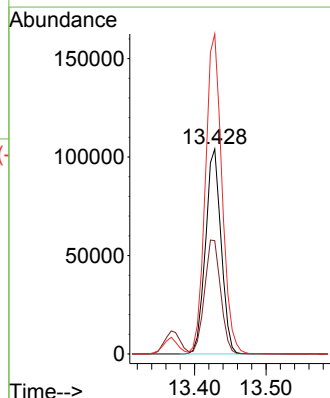
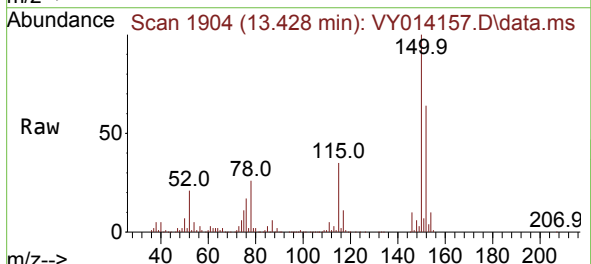
Tgt Ion:152 Resp: 157922

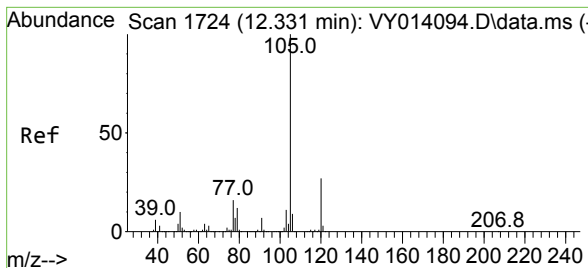
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 165.7 0.0 348.8





#73

Isopropylbenzene

Concen: 19.279 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

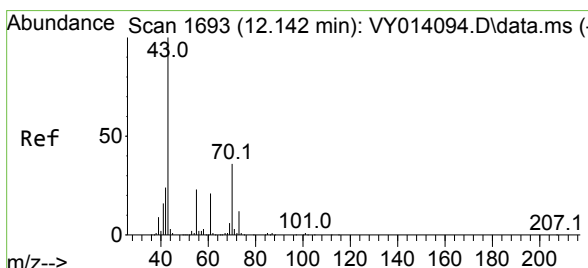
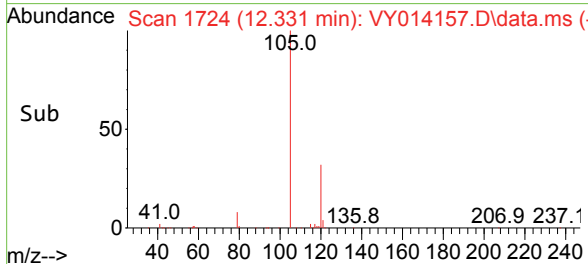
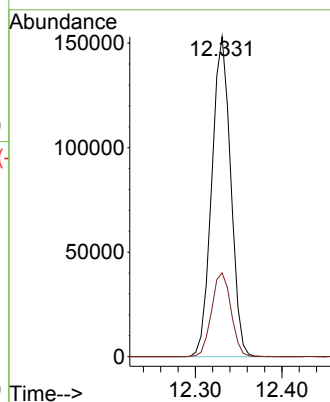
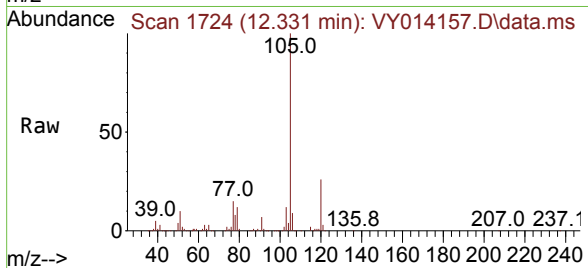
VY0614SBS01

Tgt Ion:105 Resp: 232262

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 19.351 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Tgt Ion: 43 Resp: 73876

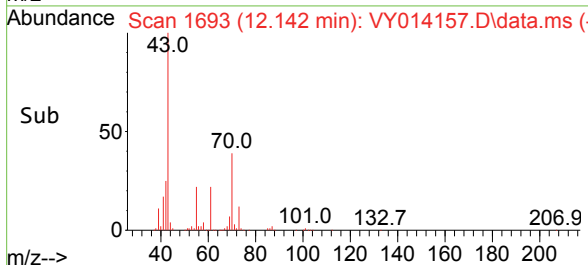
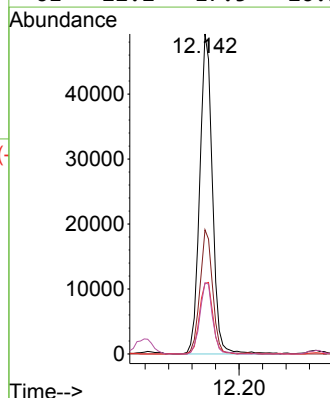
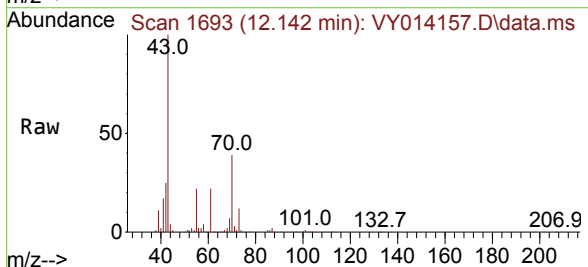
Ion Ratio Lower Upper

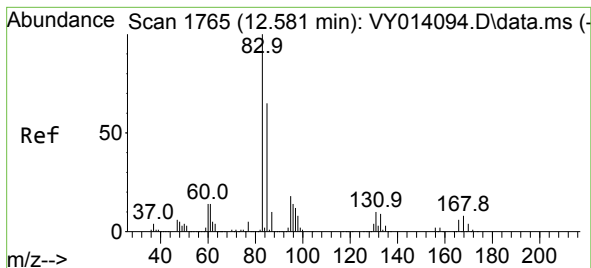
43 100

70 38.4 29.7 44.5

55 23.4 18.3 27.5

61 22.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.508 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBSD01

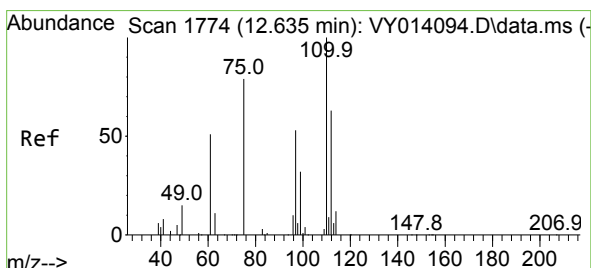
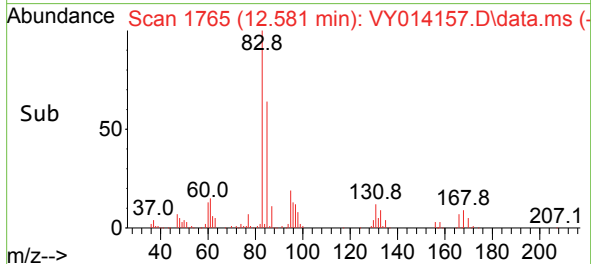
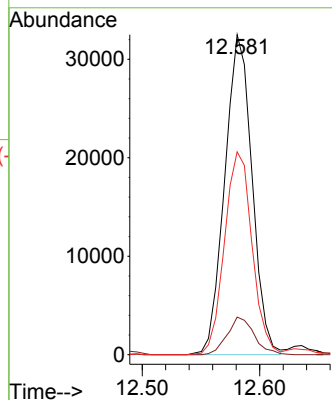
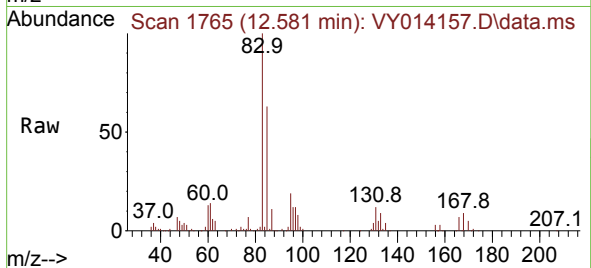
Tgt Ion: 83 Resp: 52514

Ion Ratio Lower Upper

83 100

131 11.6 5.4 16.2

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.329 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014157.D

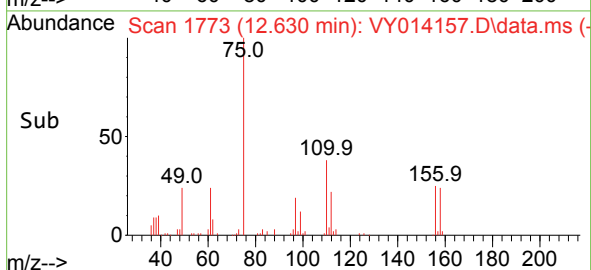
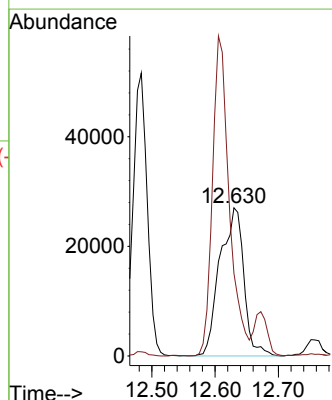
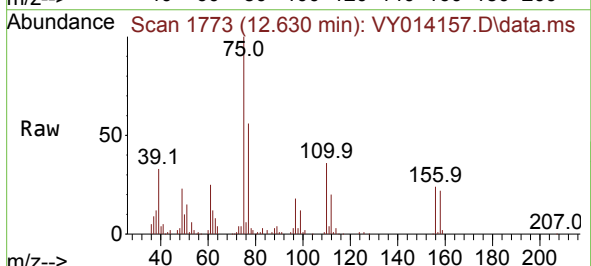
Acq: 14 Jun 2023 16:38

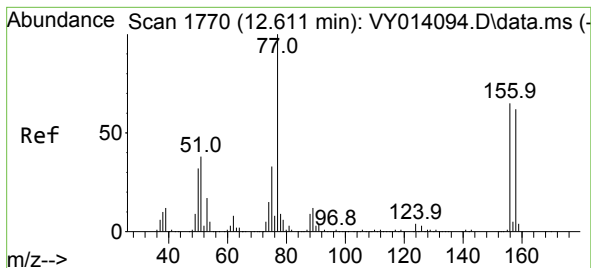
Tgt Ion: 75 Resp: 71127

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.913 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

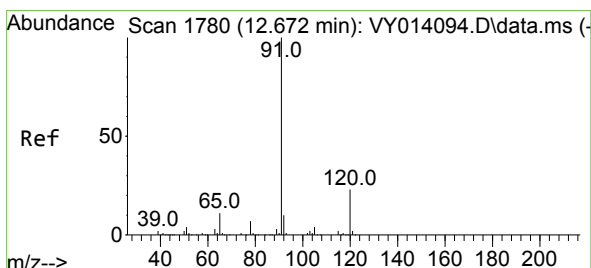
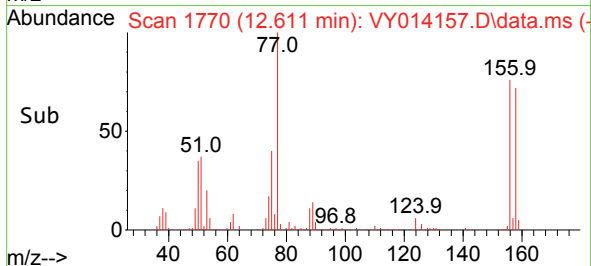
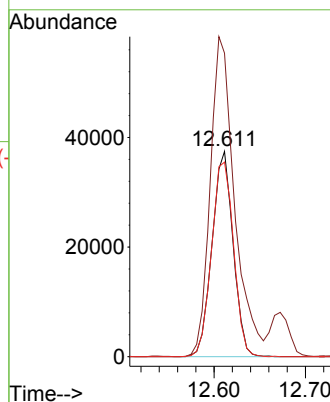
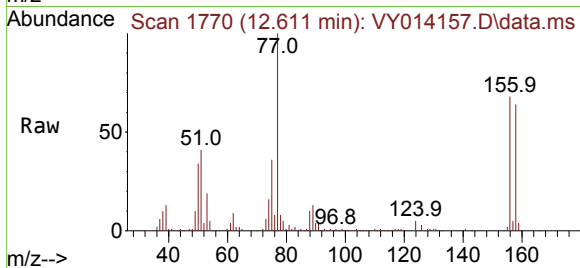
Tgt Ion:156 Resp: 59887

Ion Ratio Lower Upper

156 100

77 180.2 92.8 278.6

158 99.6 48.4 145.3



#78

n-propylbenzene

Concen: 19.143 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014157.D

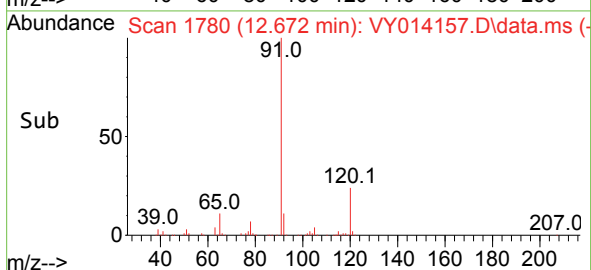
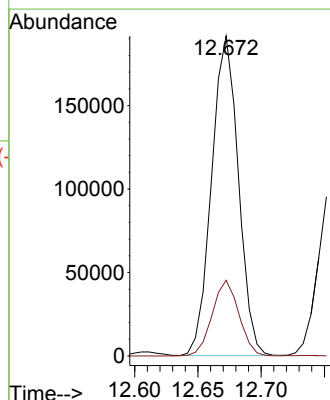
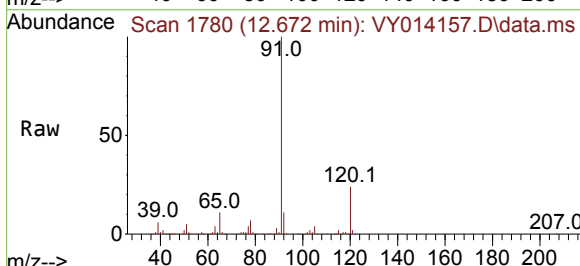
Acq: 14 Jun 2023 16:38

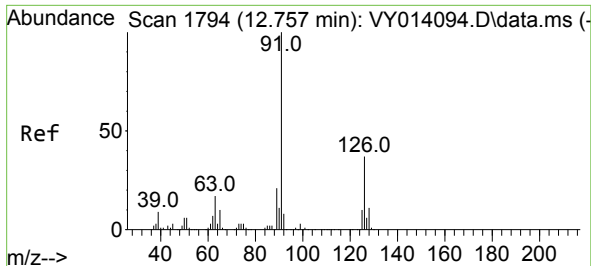
Tgt Ion: 91 Resp: 281685

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

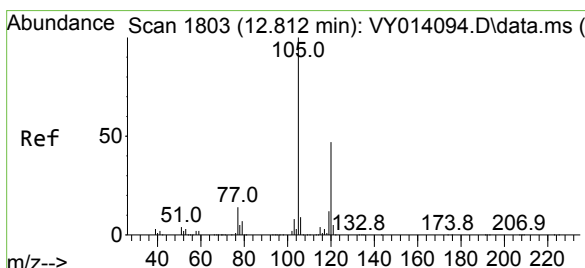
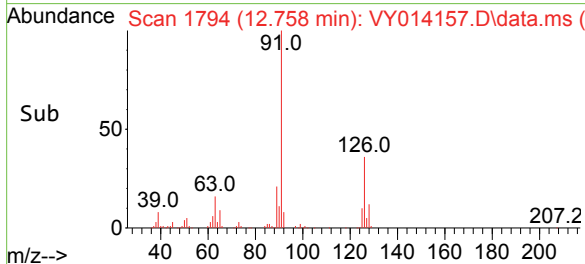
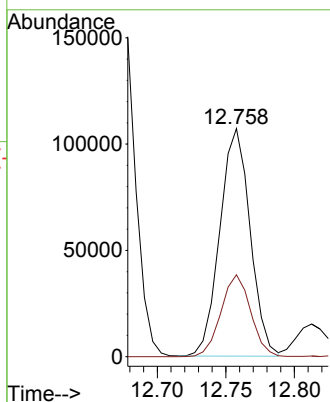
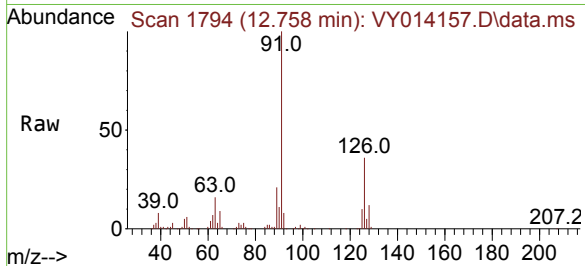




#79
2-Chlorotoluene
Concen: 19.451 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

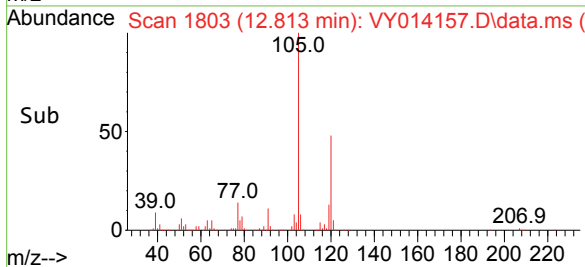
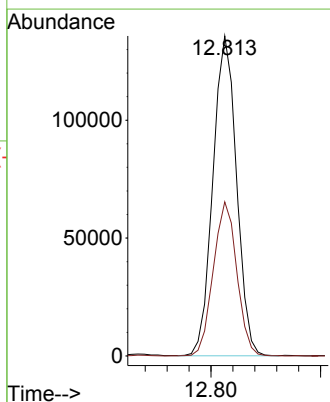
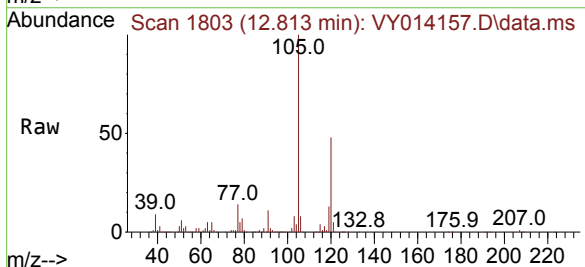
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBSD01

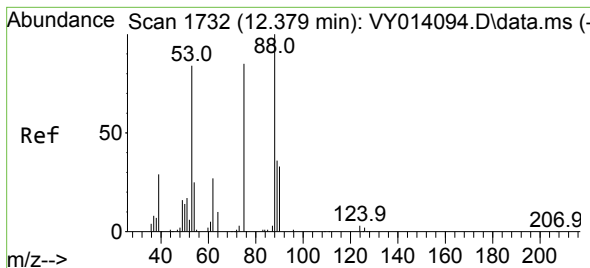
Tgt Ion: 91 Resp: 164684
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.685 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion:105 Resp: 203055
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7

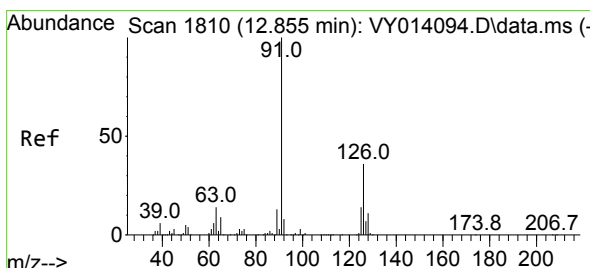
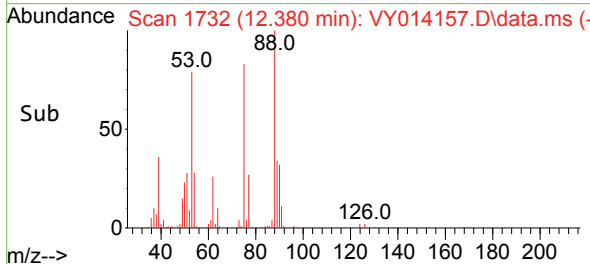
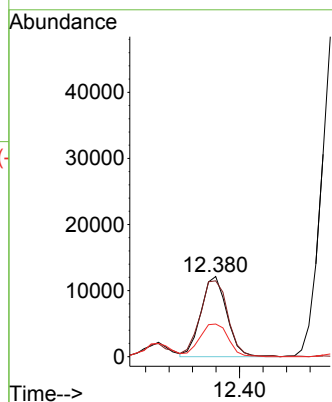
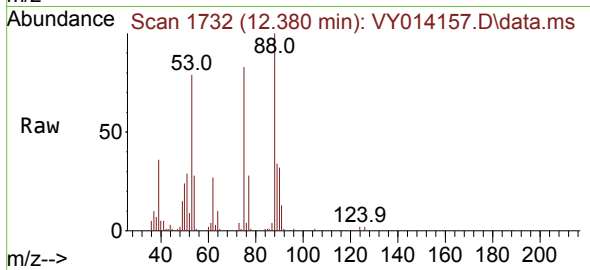




#81
trans-1,4-Dichloro-2-butene
Concen: 19.335 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

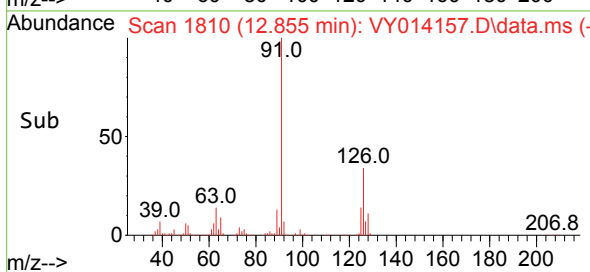
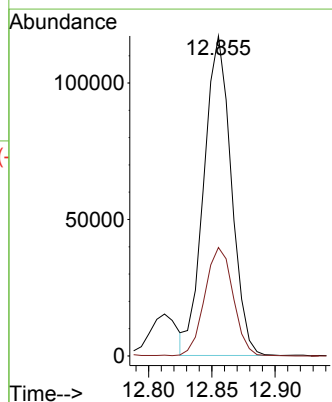
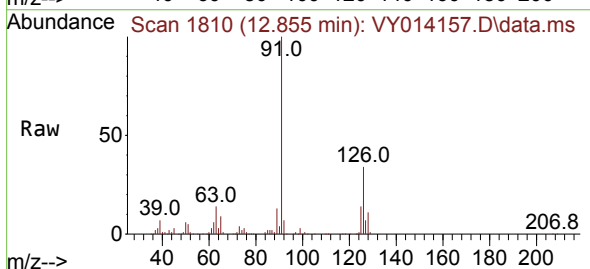
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBSD01

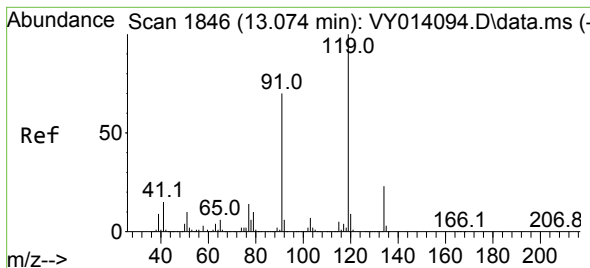
Tgt Ion: 75 Resp: 18533
Ion Ratio Lower Upper
75 100
53 102.1 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.639 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion: 91 Resp: 176210
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.583 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.001 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

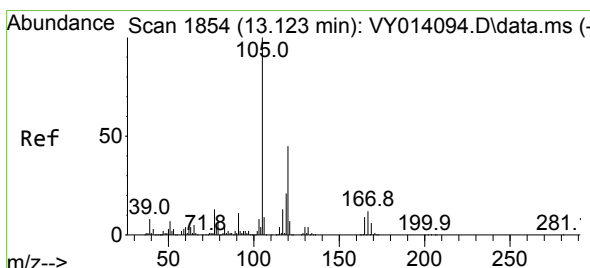
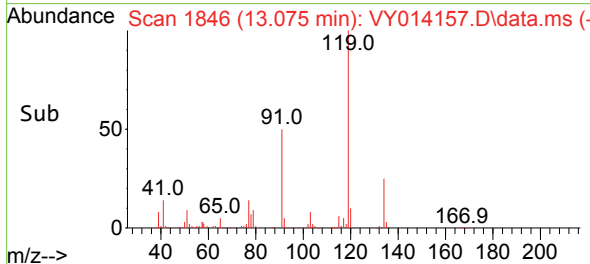
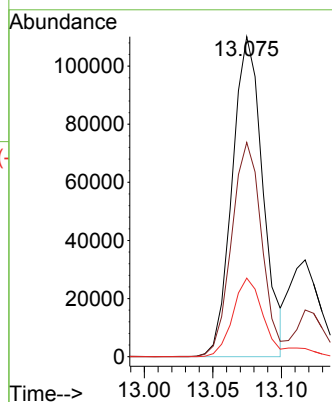
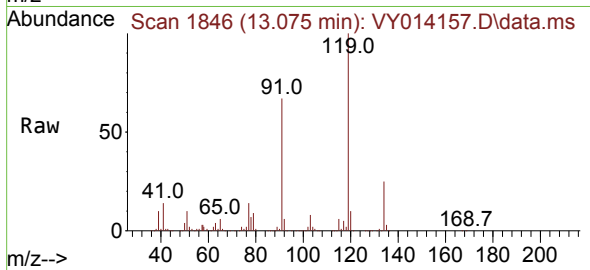
Tgt Ion:119 Resp: 171665

Ion Ratio Lower Upper

119 100

91 65.8 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.015 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014157.D

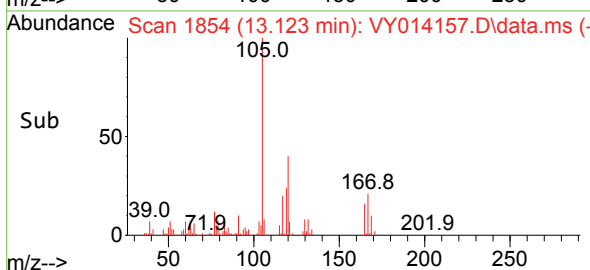
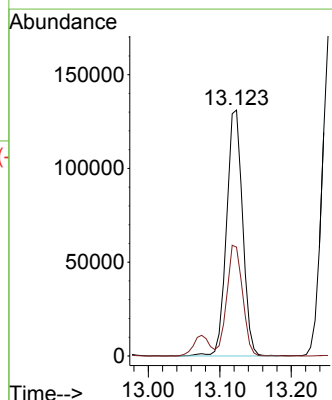
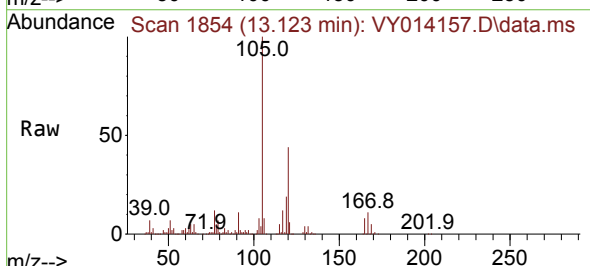
Acq: 14 Jun 2023 16:38

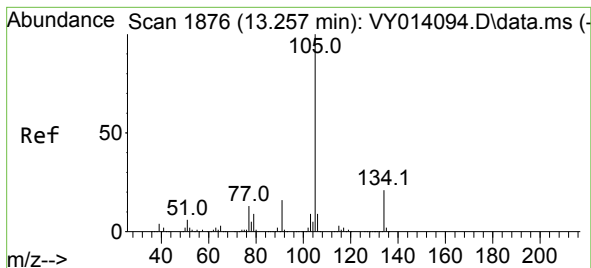
Tgt Ion:105 Resp: 204371

Ion Ratio Lower Upper

105 100

120 44.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.784 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

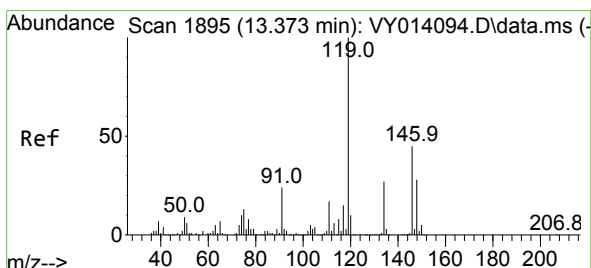
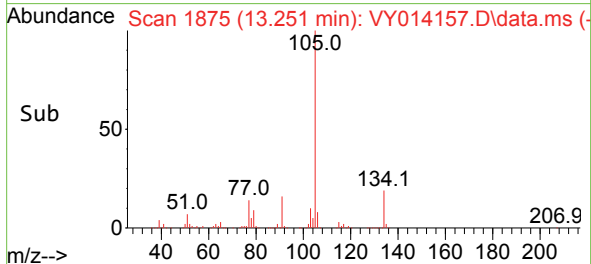
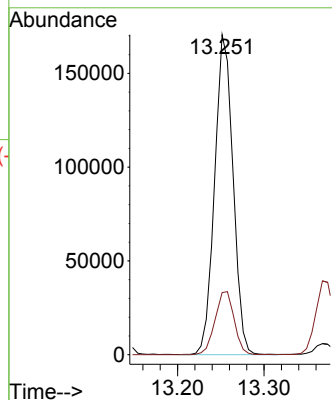
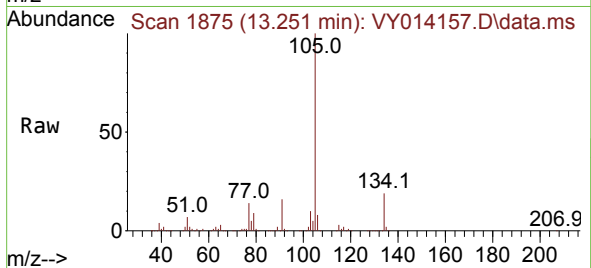
VY0614SBS01

Tgt Ion:105 Resp: 252141

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.761 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

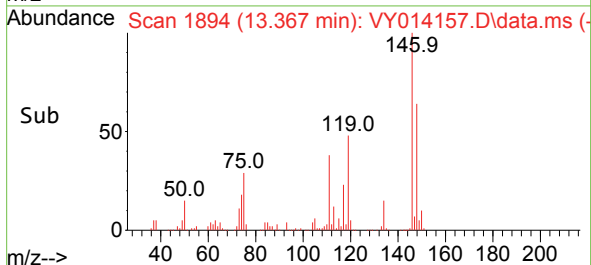
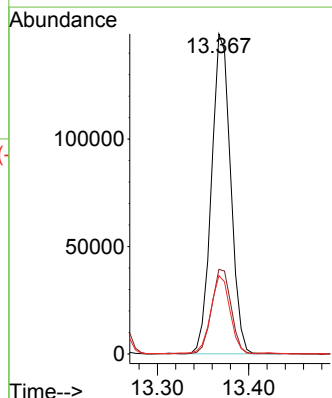
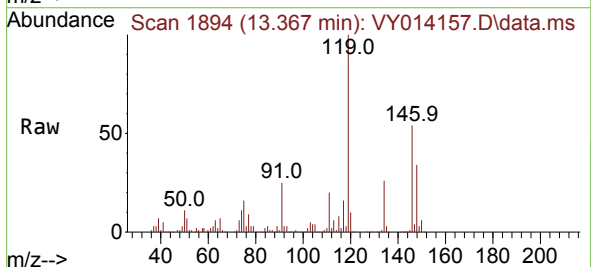
Tgt Ion:119 Resp: 215536

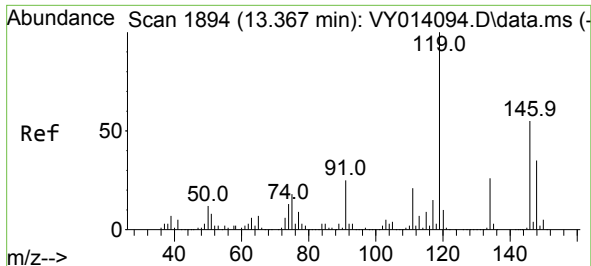
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 24.7 12.4 37.4

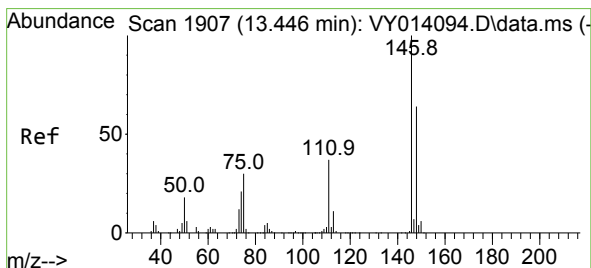
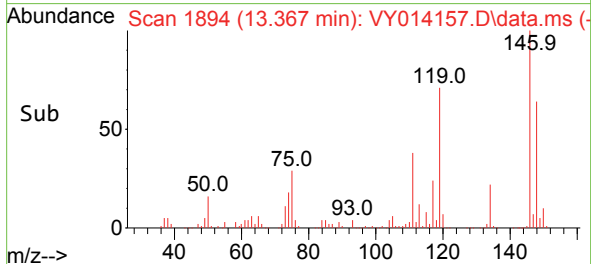
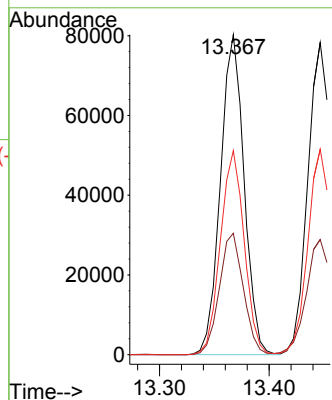
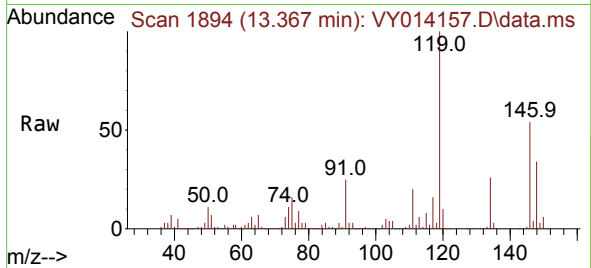




#87
1,3-Dichlorobenzene
Concen: 19.920 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

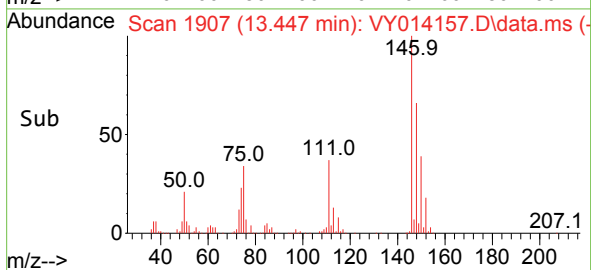
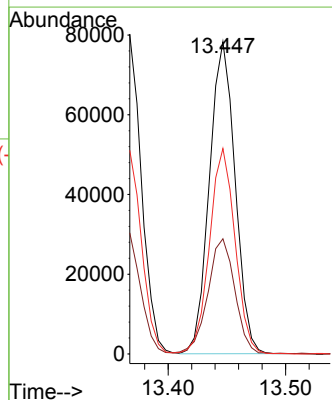
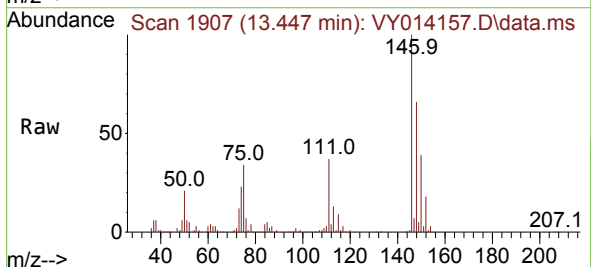
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBSD01

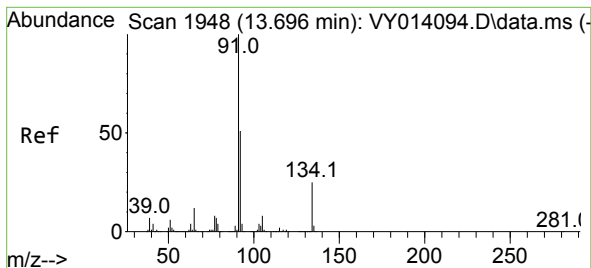
Tgt Ion:146 Resp: 120427
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.2
148 64.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.551 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY014157.D
Acq: 14 Jun 2023 16:38

Tgt Ion:146 Resp: 119089
Ion Ratio Lower Upper
146 100
111 38.9 18.9 56.7
148 65.8 32.1 96.5





#89

n-Butylbenzene

Concen: 19.973 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBSD01

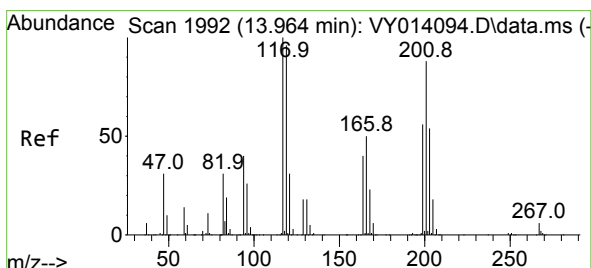
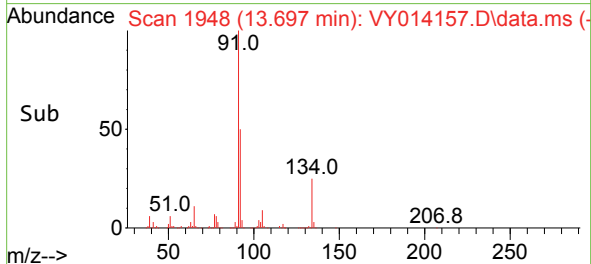
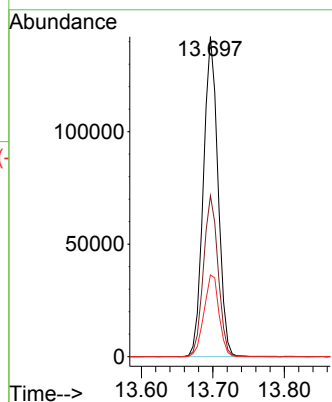
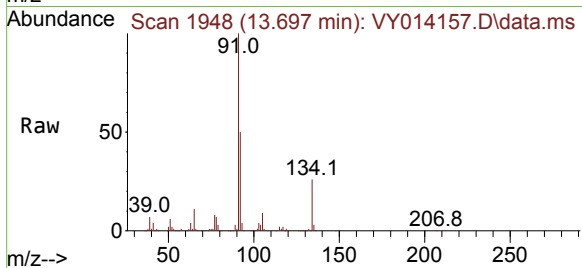
Tgt Ion: 91 Resp: 202058

Ion Ratio Lower Upper

91 100

92 50.5 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 20.063 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014157.D

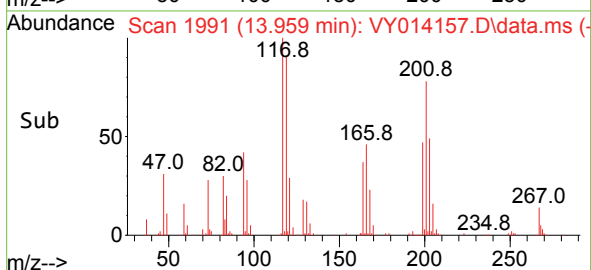
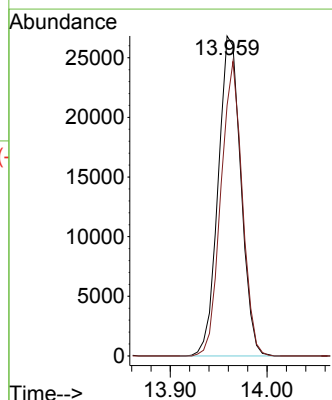
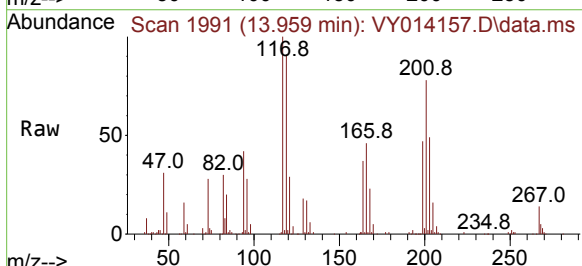
Acq: 14 Jun 2023 16:38

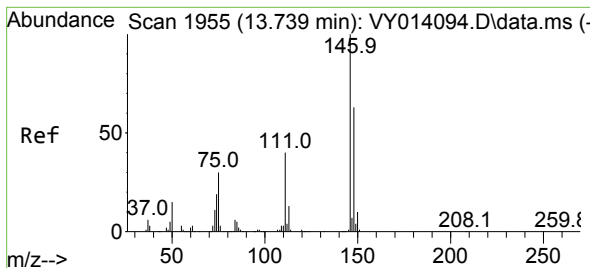
Tgt Ion: 117 Resp: 43605

Ion Ratio Lower Upper

117 100

201 86.3 41.6 124.8

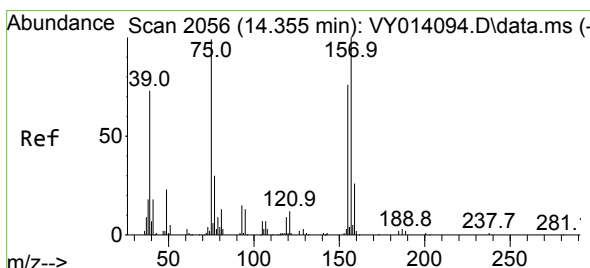
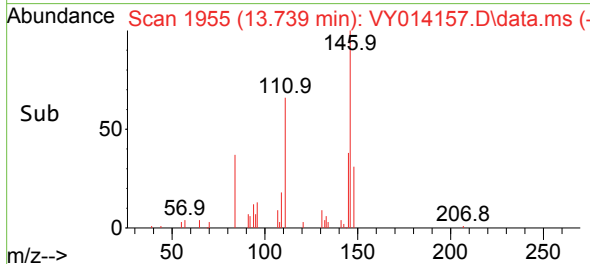
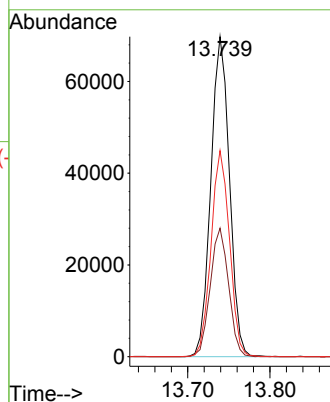
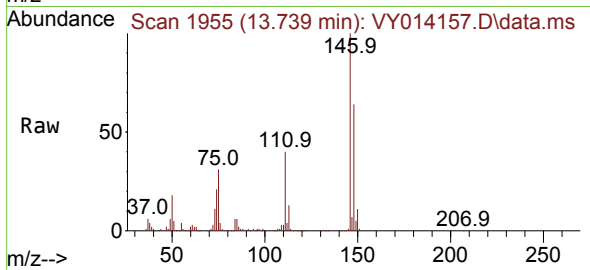




#91
 1,2-Dichlorobenzene
 Concen: 20.209 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014157.D
 Acq: 14 Jun 2023 16:38

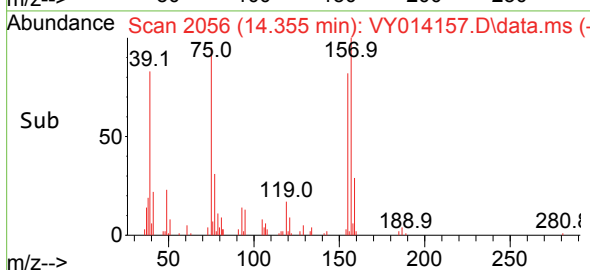
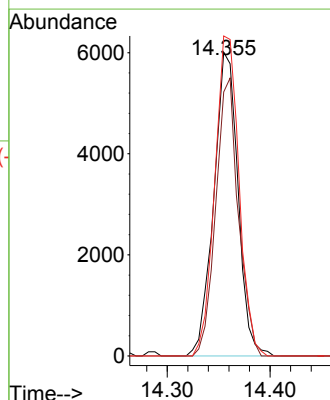
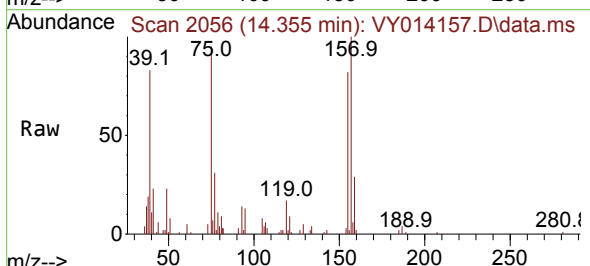
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBSD01

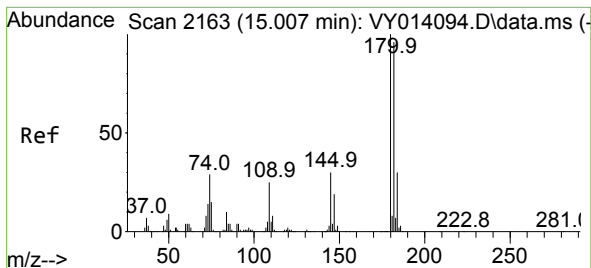
Tgt Ion:146 Resp: 109730
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.7 59.0
 148 63.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.125 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014157.D
 Acq: 14 Jun 2023 16:38

Tgt Ion: 75 Resp: 9804
 Ion Ratio Lower Upper
 75 100
 155 85.6 41.5 124.6
 157 105.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.716 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

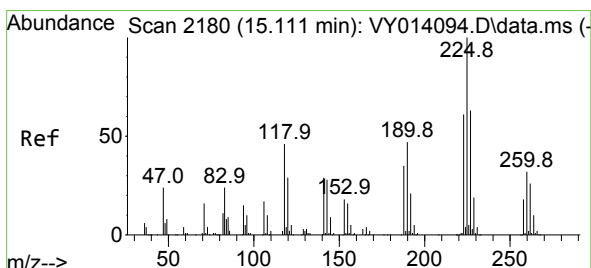
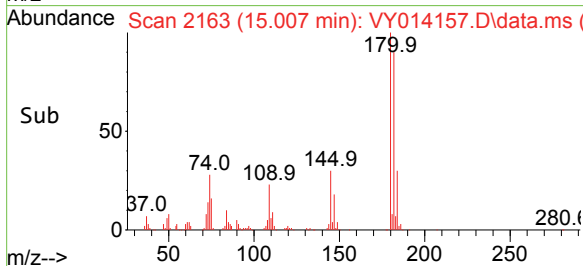
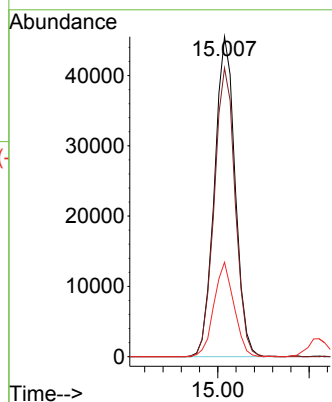
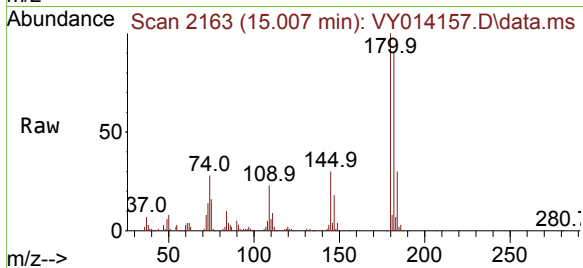
Tgt Ion:180 Resp: 71257

Ion Ratio Lower Upper

180 100

182 91.7 47.0 141.2

145 28.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.535 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

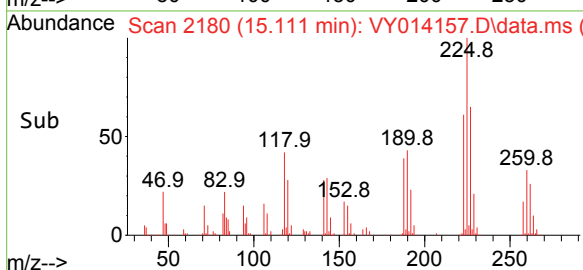
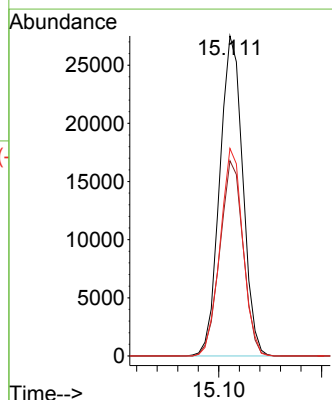
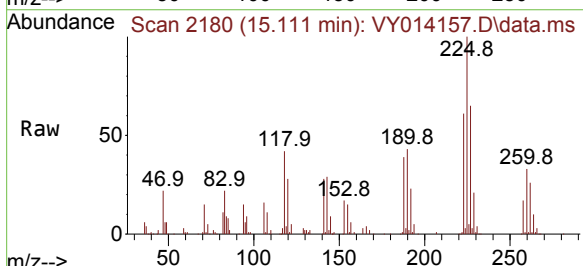
Tgt Ion:225 Resp: 42764

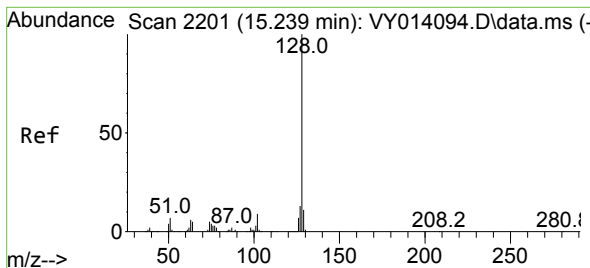
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.9

227 64.0 33.0 98.9





#95

Naphthalene

Concen: 19.584 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBSD01

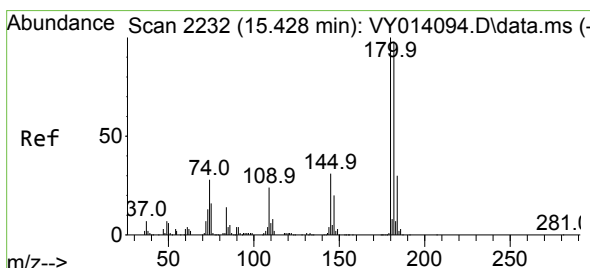
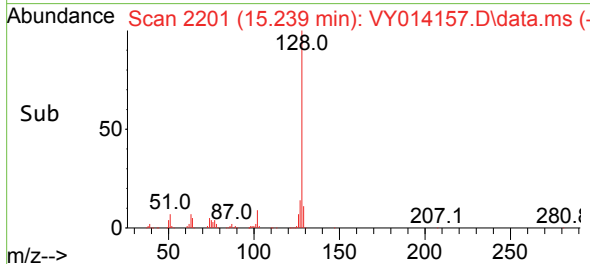
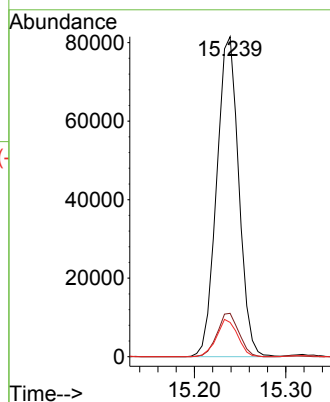
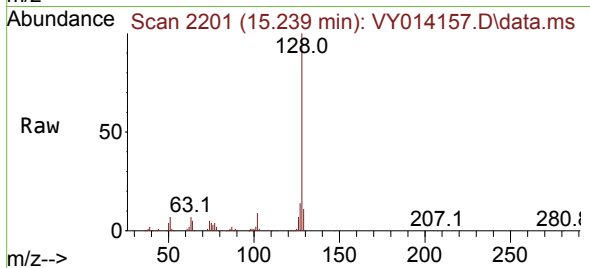
Tgt Ion:128 Resp: 136730

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.395 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014157.D

Acq: 14 Jun 2023 16:38

Tgt Ion:180 Resp: 63391

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 31.1 15.4 46.2

