

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013981.D
 Acq On : 02 Jun 2023 11:34
 Operator : KP/MD
 Sample : VY0602SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Quant Time: Jun 03 04:58:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	247459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	391848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	153923	46.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.980%
35) Dibromofluoromethane	7.710	113	126606	50.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.680%
50) Toluene-d8	10.179	98	491776	51.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.477	95	165311	51.048	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	52210	23.979	ug/l	100
3) Chloromethane	2.107	50	62453	20.710	ug/l	99
4) Vinyl Chloride	2.247	62	60993	21.833	ug/l	99
5) Bromomethane	2.643	94	47787	19.644	ug/l	95
6) Chloroethane	2.790	64	38482	19.247	ug/l	99
7) Trichlorofluoromethane	3.119	101	99635	22.561	ug/l	99
8) Diethyl Ether	3.521	74	32318	18.666	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	51591	22.740	ug/l	98
10) Methyl Iodide	4.082	142	55644	17.796	ug/l	98
11) Tert butyl alcohol	4.924	59	59042	87.698	ug/l	100
12) 1,1-Dichloroethene	3.869	96	51125	21.493	ug/l	93
13) Acrolein	3.723	56	30083	97.576	ug/l	99
14) Allyl chloride	4.472	41	87788	19.017	ug/l	100
15) Acrylonitrile	5.155	53	84118	87.552	ug/l	98
16) Acetone	3.942	43	91187	81.363	ug/l	94
17) Carbon Disulfide	4.186	76	166193	20.662	ug/l	99
18) Methyl Acetate	4.472	43	69940	17.273	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	140143	18.210	ug/l	98
20) Methylene Chloride	4.710	84	59532	17.002	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	55530	20.610	ug/l	95
22) Diisopropyl ether	6.112	45	175093	19.567	ug/l	95
23) Vinyl Acetate	6.051	43	500412	89.160	ug/l	99
24) 1,1-Dichloroethane	6.009	63	99977	20.017	ug/l	100
25) 2-Butanone	6.978	43	121926	87.326	ug/l	94
26) 2,2-Dichloropropane	6.978	77	92449	20.396	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	60959	19.761	ug/l	99
28) Bromochloromethane	7.326	49	47461	20.121	ug/l	98
29) Tetrahydrofuran	7.344	42	75005	86.387	ug/l	99
30) Chloroform	7.502	83	105054	20.033	ug/l	96
31) Cyclohexane	7.777	56	86461	21.919	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	95572	21.486	ug/l	100
36) 1,1-Dichloropropene	7.911	75	76644	21.603	ug/l	99
37) Ethyl Acetate	7.070	43	53861	17.413	ug/l	99
38) Carbon Tetrachloride	7.899	117	87834	22.093	ug/l	98
39) Methylcyclohexane	9.179	83	87312	23.052	ug/l	98
40) Benzene	8.155	78	223257	20.399	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013981.D
 Acq On : 02 Jun 2023 11:34
 Operator : KP/MD
 Sample : VY0602SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Quant Time: Jun 03 04:58:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	74198	51.900	ug/l #	31
42) 1,2-Dichloroethane	8.234	62	75510	18.816	ug/l	100
43) Isopropyl Acetate	8.271	43	92975	17.851	ug/l	100
44) Trichloroethene	8.935	130	58451	20.394	ug/l	97
45) 1,2-Dichloropropane	9.209	63	55564	19.673	ug/l	92
46) Dibromomethane	9.301	93	34610	19.141	ug/l	97
47) Bromodichloromethane	9.490	83	81949	20.119	ug/l	99
48) Methyl methacrylate	9.289	41	42302	17.844	ug/l	97
49) 1,4-Dioxane	9.295	88	8274	314.663	ug/l #	29
51) 4-Methyl-2-Pentanone	10.069	43	262731	89.309	ug/l	100
52) Toluene	10.240	92	138217	20.615	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	82338	18.819	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	89184	19.092	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	47010	19.721	ug/l	96
56) Ethyl methacrylate	10.508	69	62333	18.212	ug/l	99
57) 1,3-Dichloropropane	10.788	76	77016	18.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	98425	76.152	ug/l	99
59) 2-Hexanone	10.831	43	187701	88.115	ug/l	99
60) Dibromochloromethane	10.983	129	57634	19.130	ug/l	98
61) 1,2-Dibromoethane	11.087	107	44274	18.486	ug/l	99
64) Tetrachloroethene	10.715	164	53972	22.246	ug/l	95
65) Chlorobenzene	11.514	112	148860	20.489	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	57362	20.281	ug/l	98
67) Ethyl Benzene	11.587	91	257934	20.511	ug/l	98
68) m/p-Xylenes	11.697	106	202620	42.180	ug/l	98
69) o-Xylene	12.026	106	92226	20.036	ug/l	97
70) Styrene	12.044	104	161369	20.411	ug/l	99
71) Bromoform	12.203	173	40208	19.283	ug/l #	96
73) Isopropylbenzene	12.325	105	248087	21.233	ug/l	100
74) N-amyl acetate	12.142	43	81778	18.243	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	56791	18.597	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	77667	32.604	ug/l #	100
77) Bromobenzene	12.605	156	64075	20.286	ug/l	98
78) n-propylbenzene	12.666	91	308811	21.565	ug/l	99
79) 2-Chlorotoluene	12.751	91	173255	20.437	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	210761	21.047	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	20362	18.134	ug/l	99
82) 4-Chlorotoluene	12.849	91	186242	20.889	ug/l	99
83) tert-Butylbenzene	13.075	119	175255	20.899	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	207141	20.710	ug/l	98
85) sec-Butylbenzene	13.251	105	265538	21.776	ug/l	99
86) p-Isopropyltoluene	13.367	119	222877	21.653	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	123011	20.508	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	122588	20.203	ug/l	99
89) n-Butylbenzene	13.690	91	207806	21.396	ug/l	99
90) Hexachloroethane	13.959	117	45027	20.843	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	110302	19.961	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10464	17.766	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	65419	19.258	ug/l	98
94) Hexachlorobutadiene	15.111	225	39687	21.934	ug/l	98
95) Naphthalene	15.233	128	128506	18.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57740	18.662	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
Data File : VY013981.D
Acq On : 02 Jun 2023 11:34
Operator : KP/MD
Sample : VY0602SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

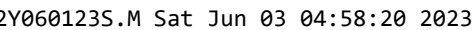
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

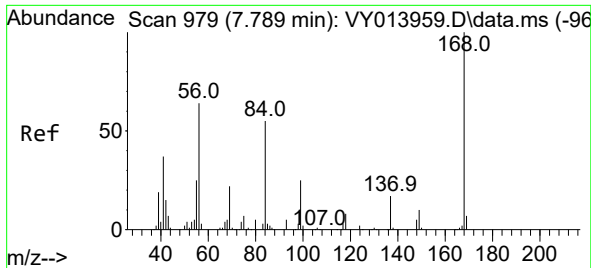
Quant Time: Jun 03 04:58:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

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

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

Quant Time: Jun 03 04:58:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

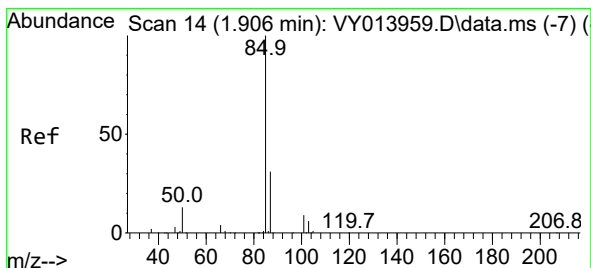
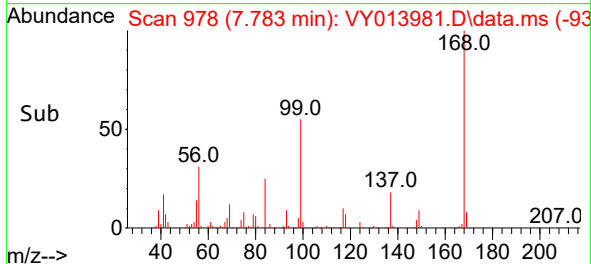
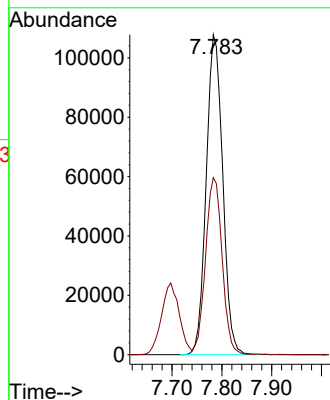
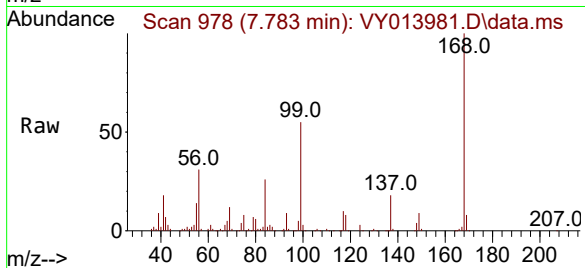




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

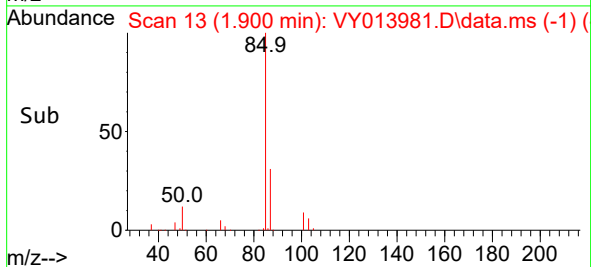
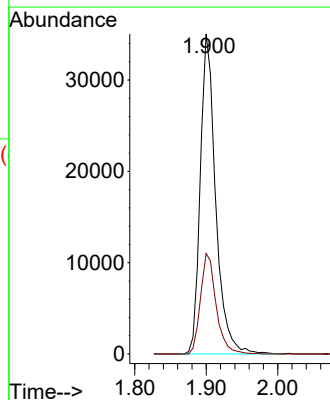
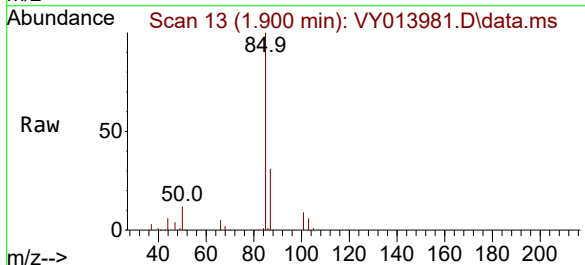
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

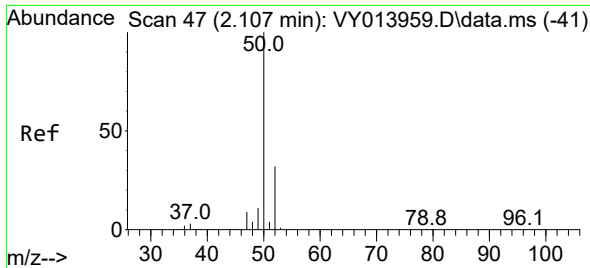
Tgt Ion:168 Resp: 247459
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.979 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 85 Resp: 52210
Ion Ratio Lower Upper
85 100
87 31.4 15.6 46.8

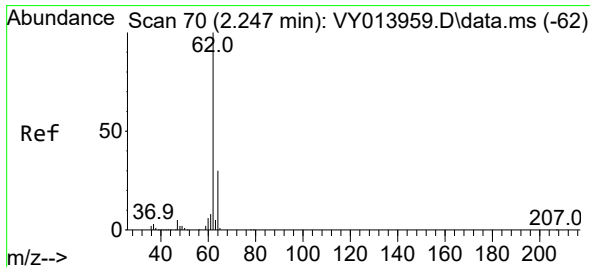
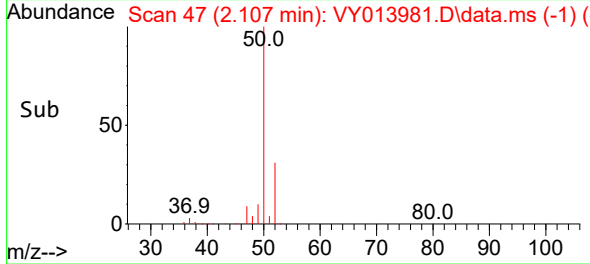
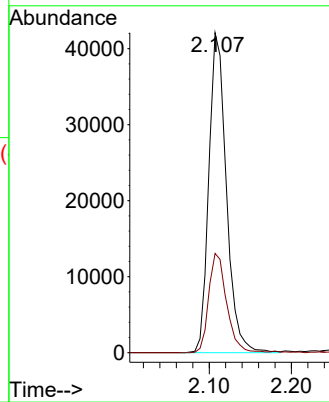
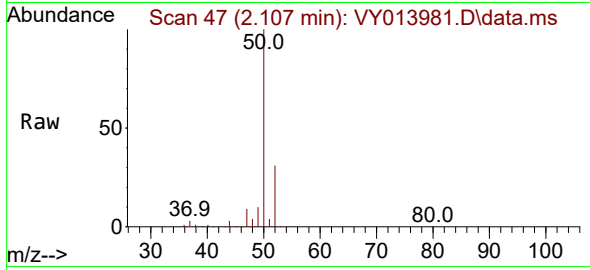




#3
Chloromethane
Concen: 20.710 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

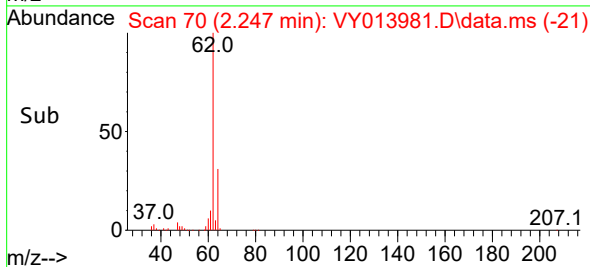
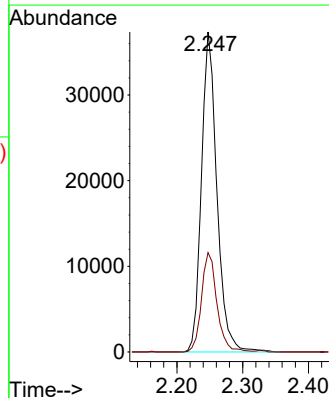
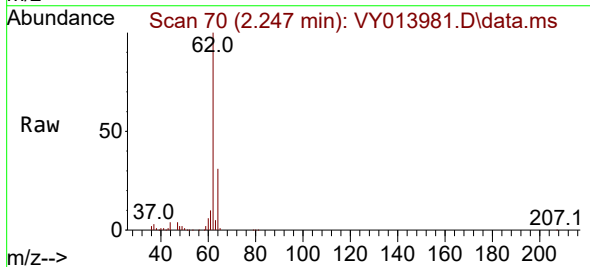
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

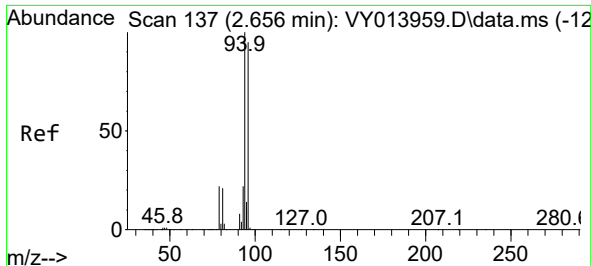
Tgt Ion: 50 Resp: 62453
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2



#4
Vinyl Chloride
Concen: 21.833 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 62 Resp: 60993
Ion Ratio Lower Upper
62 100
64 31.1 24.3 36.5

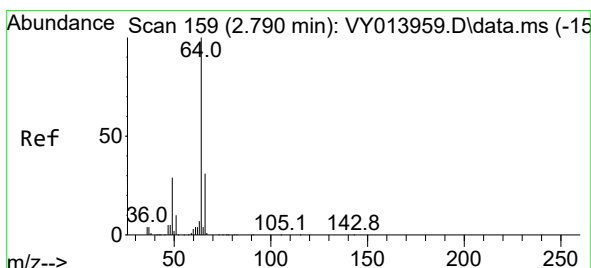
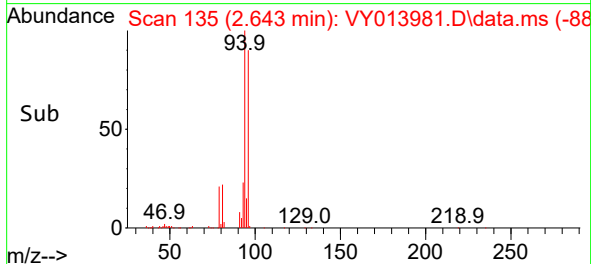
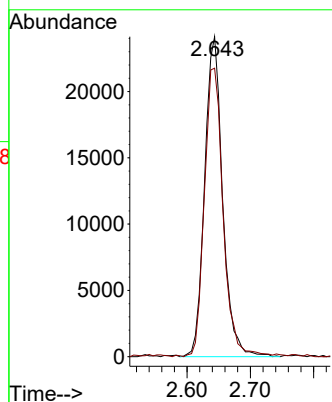
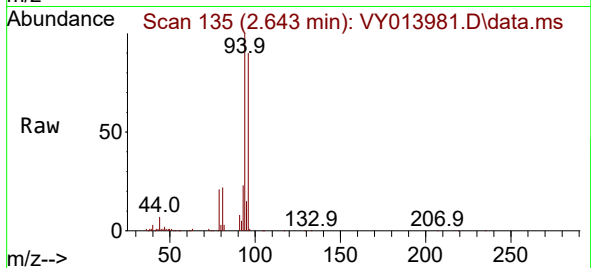




#5
Bromomethane
Concen: 19.644 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

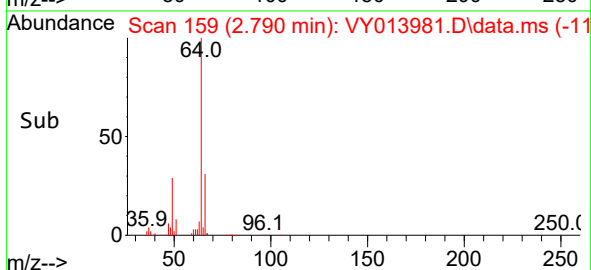
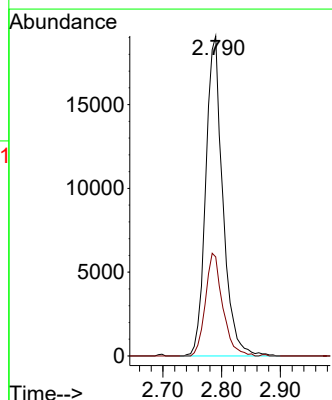
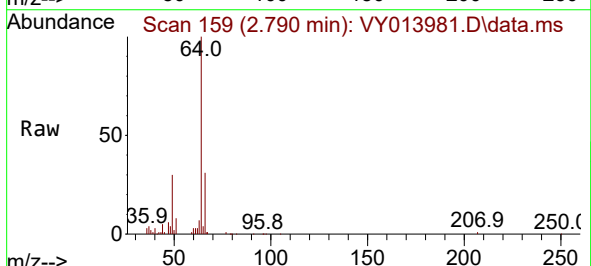
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

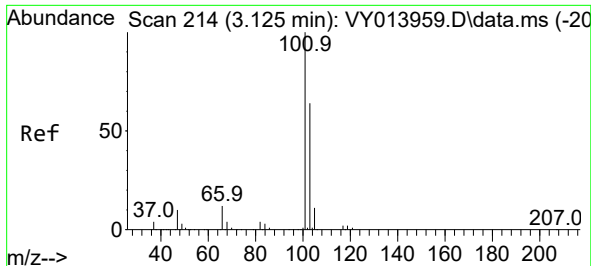
Tgt Ion: 94 Resp: 47787
Ion Ratio Lower Upper
94 100
96 89.9 75.8 113.6



#6
Chloroethane
Concen: 19.247 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 64 Resp: 38482
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6

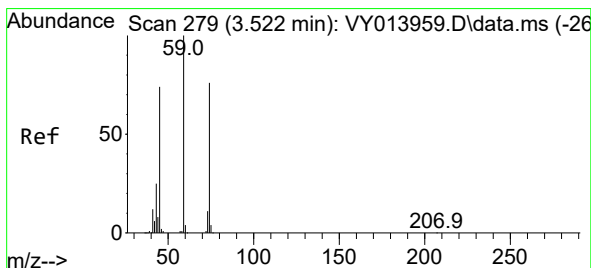
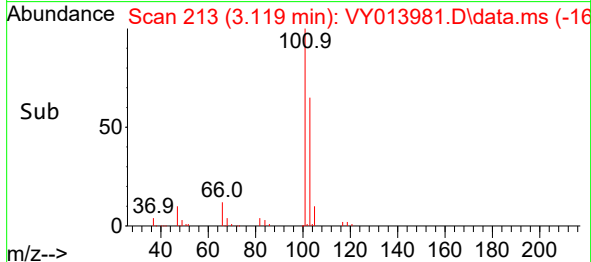
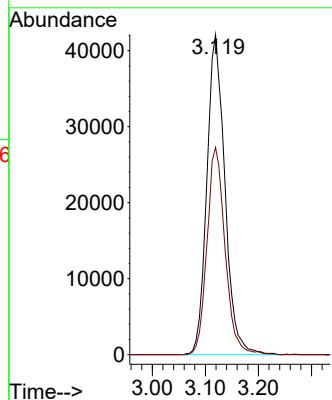
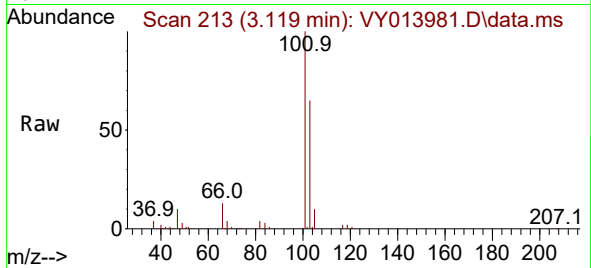




#7
 Trichlorofluoromethane
 Concen: 22.561 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013981.D
 Acq: 02 Jun 2023 11:34

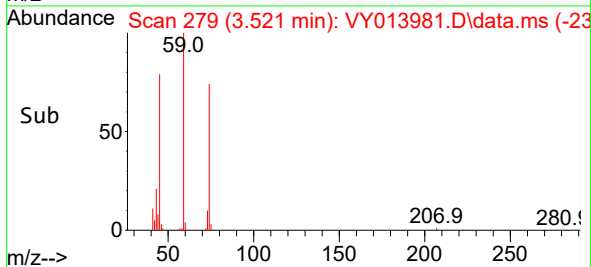
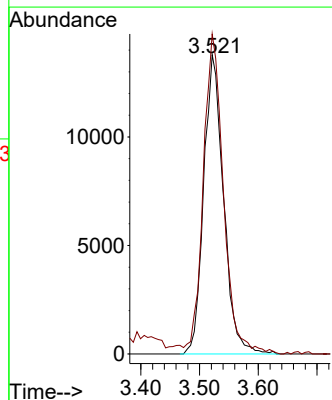
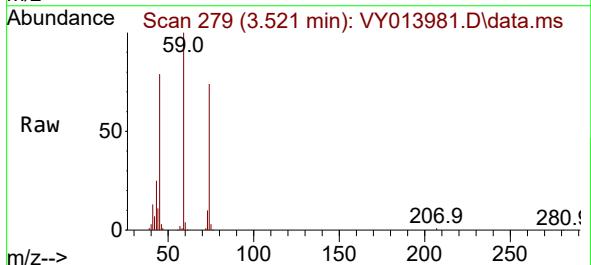
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

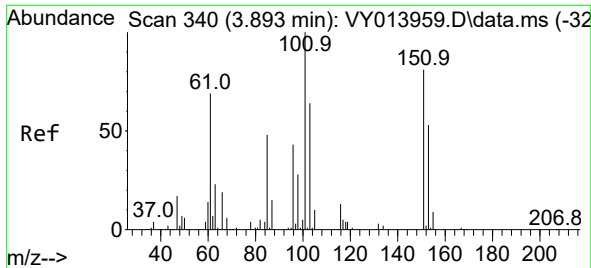
Tgt Ion:101 Resp: 99635
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 18.666 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VY013981.D
 Acq: 02 Jun 2023 11:34

Tgt Ion: 74 Resp: 32318
 Ion Ratio Lower Upper
 74 100
 45 110.6 51.5 154.5

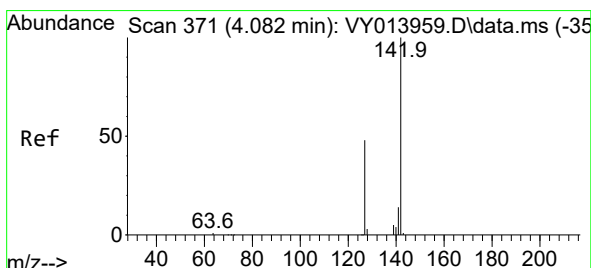
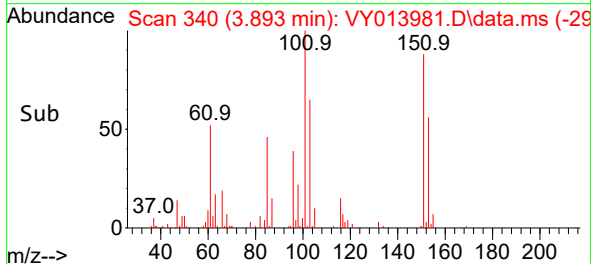
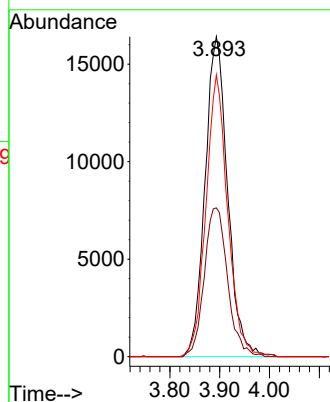
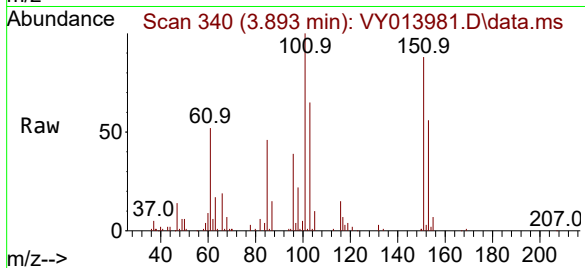




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.740 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

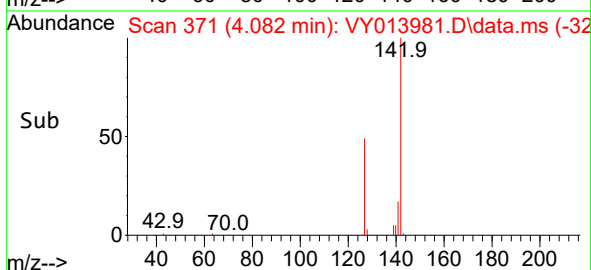
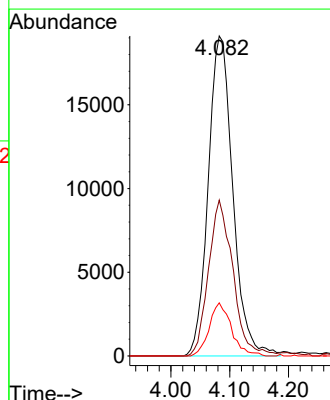
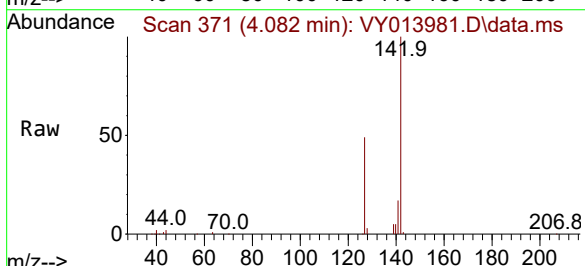
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

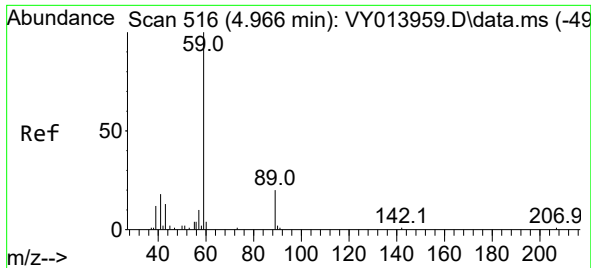
Tgt Ion:101 Resp: 51591
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 85.0 67.0 100.6



#10
Methyl Iodide
Concen: 17.796 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion:142 Resp: 55644
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 15.0 11.8 17.8

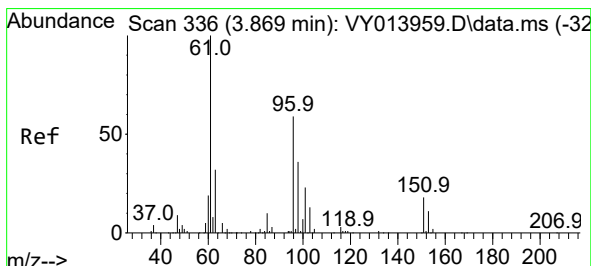
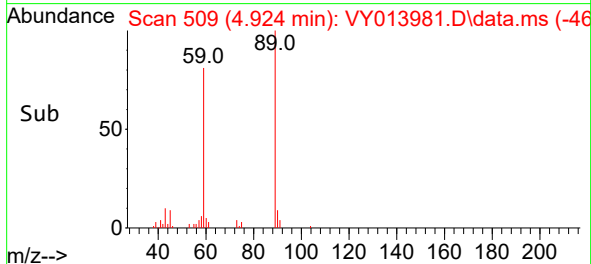
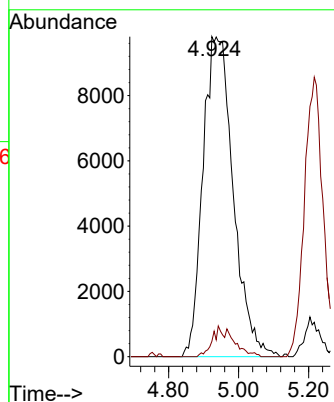
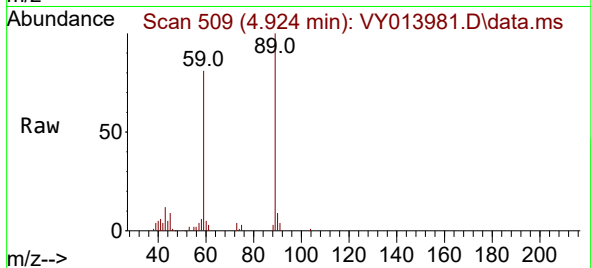




#11
Tert butyl alcohol
Concen: 87.698 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.042 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

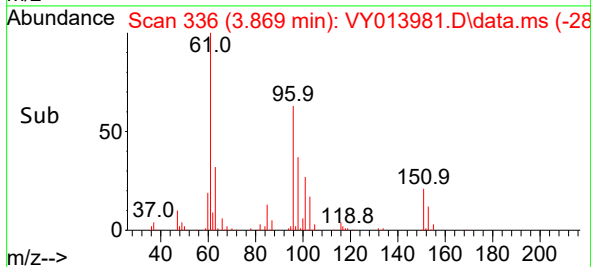
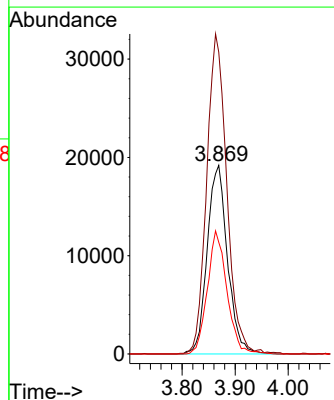
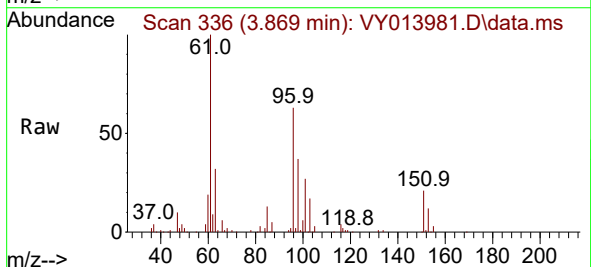
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

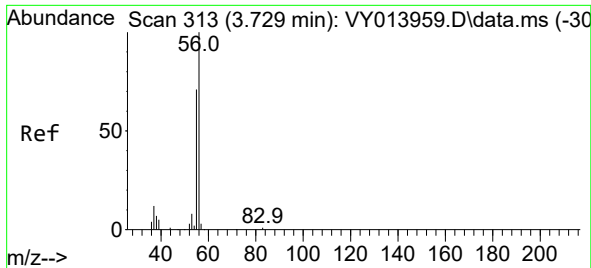
Tgt Ion: 59 Resp: 59042
Ion Ratio Lower Upper
59 100
57 3.5 3.0 4.4



#12
1,1-Dichloroethene
Concen: 21.493 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 96 Resp: 51125
Ion Ratio Lower Upper
96 100
61 159.6 136.4 204.6
98 59.2 49.4 74.2





#13

Acrolein

Concen: 97.576 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

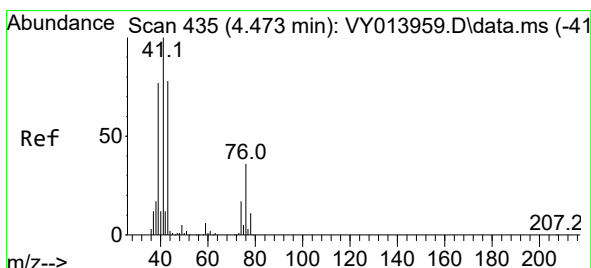
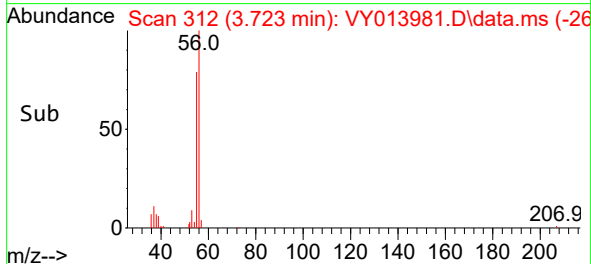
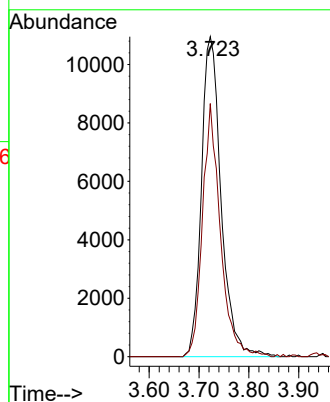
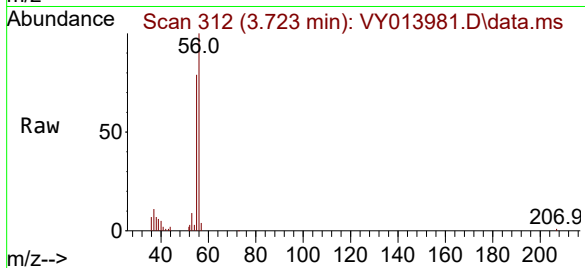
VY0602SBS01

Tgt Ion: 56 Resp: 30083

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4



#14

Allyl chloride

Concen: 19.017 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

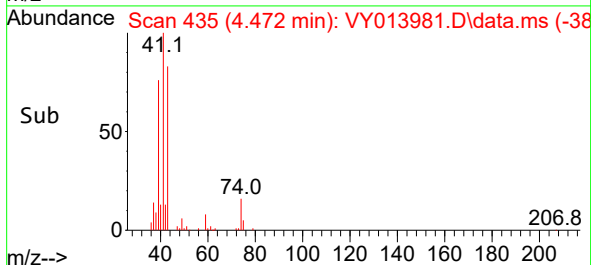
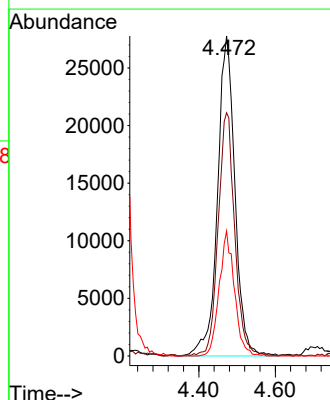
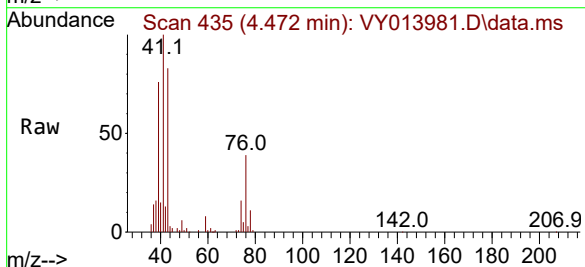
Tgt Ion: 41 Resp: 87788

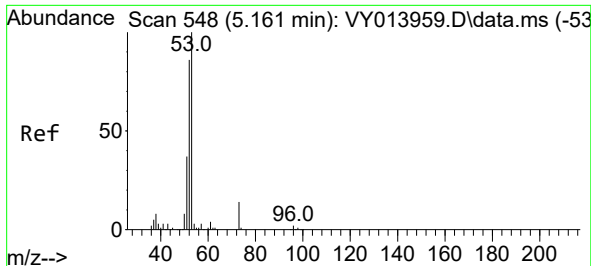
Ion Ratio Lower Upper

41 100

39 72.4 58.0 87.0

76 34.2 27.4 41.2

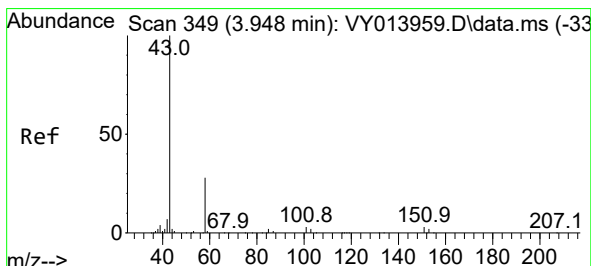
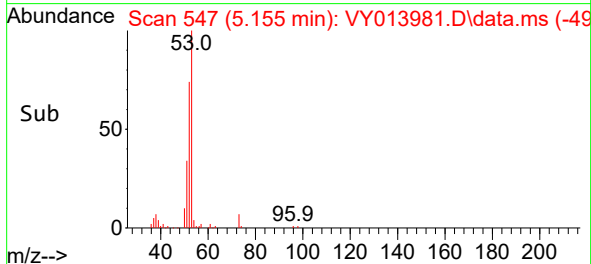
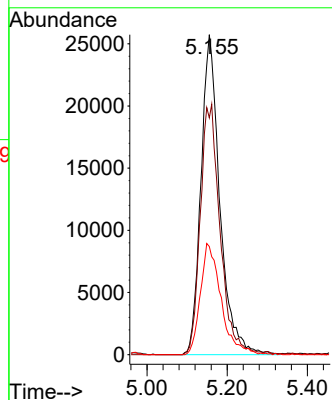
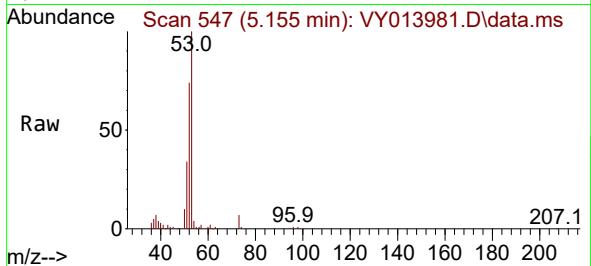




#15
Acrylonitrile
Concen: 87.552 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

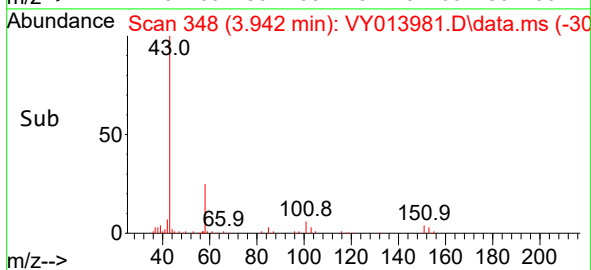
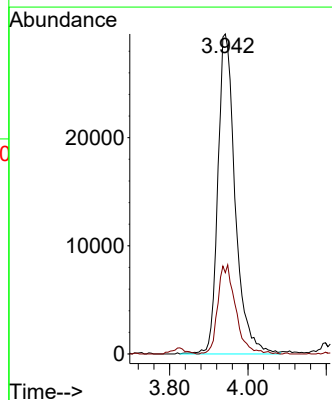
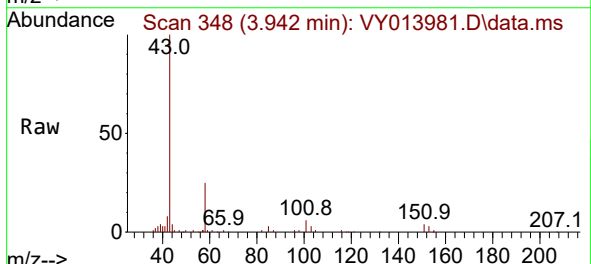
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

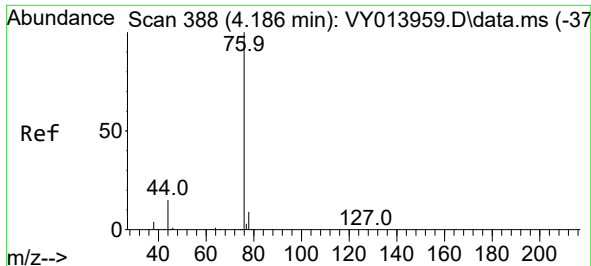
Tgt Ion: 53 Resp: 84118
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 37.8 29.8 44.6



#16
Acetone
Concen: 81.363 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 43 Resp: 91187
Ion Ratio Lower Upper
43 100
58 25.4 22.7 34.1

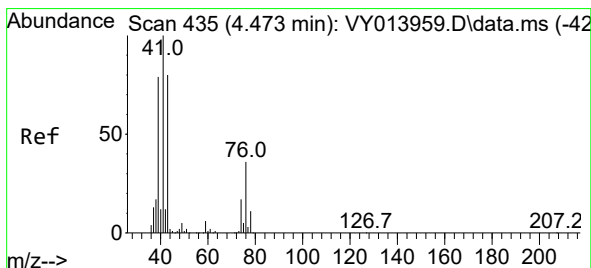
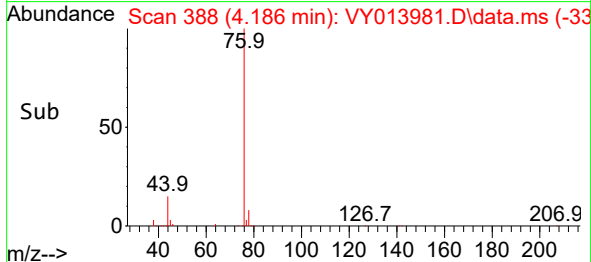
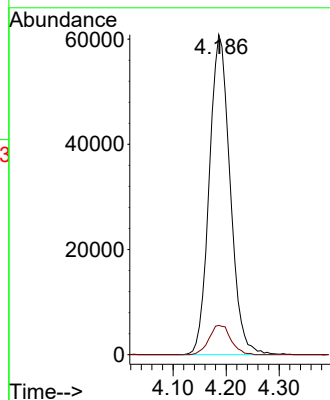
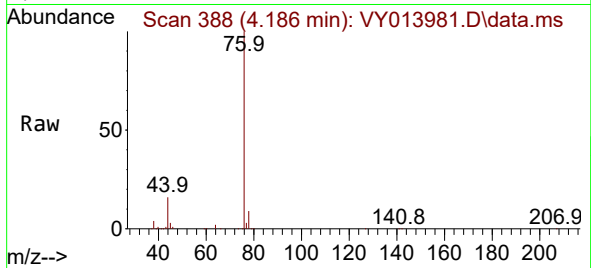




#17
Carbon Disulfide
Concen: 20.662 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

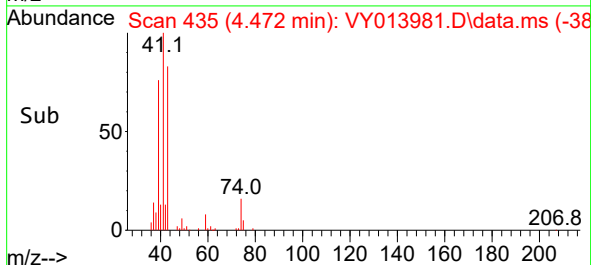
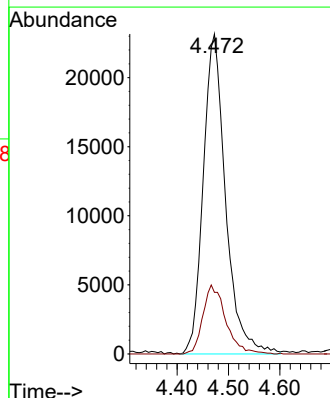
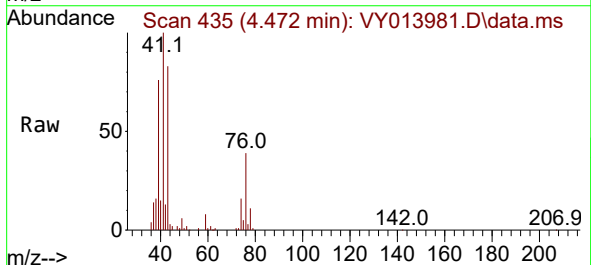
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

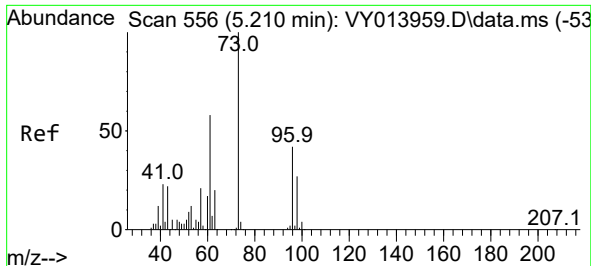
Tgt Ion: 76 Resp: 166193
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 17.273 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 43 Resp: 69940
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.0

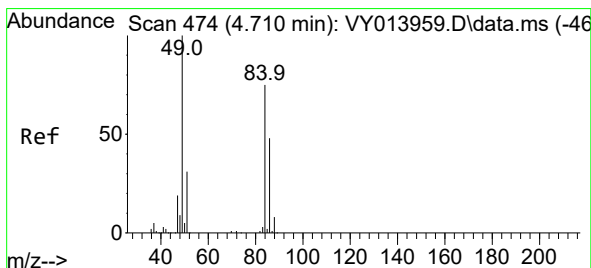
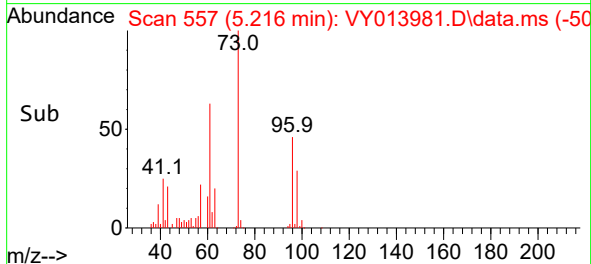
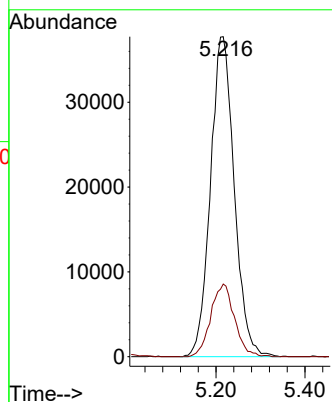
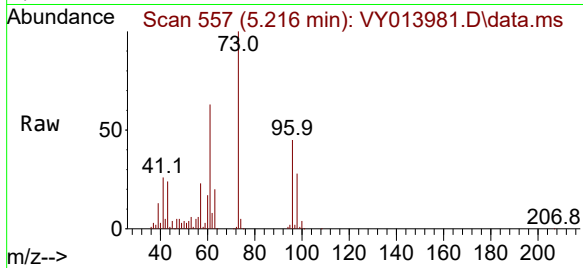




#19
Methyl tert-butyl Ether
Concen: 18.210 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

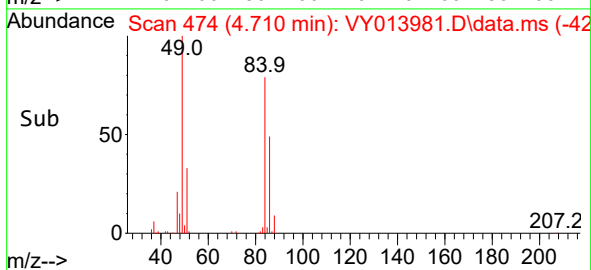
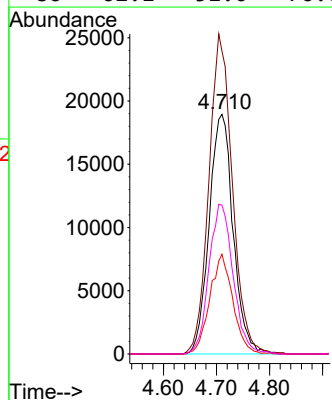
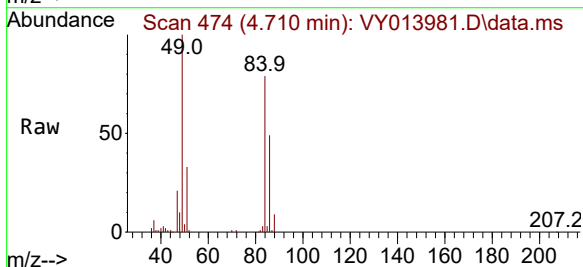
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

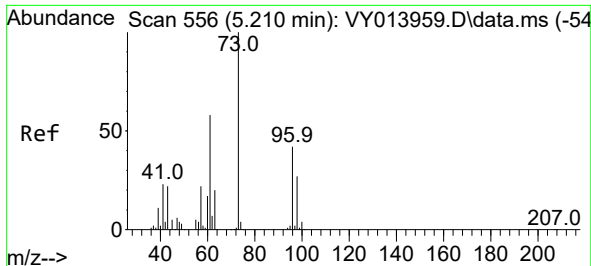
Tgt Ion: 73 Resp: 140143
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 17.002 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 84 Resp: 59532
Ion Ratio Lower Upper
84 100
49 126.4 106.9 160.3
51 41.6 33.2 49.8
86 62.1 51.0 76.6

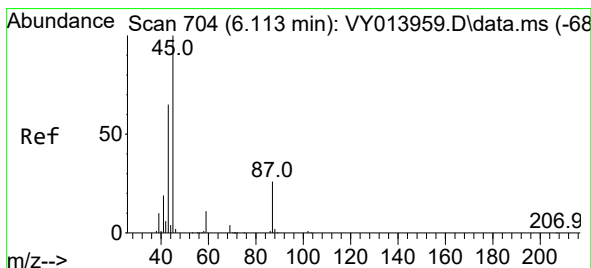
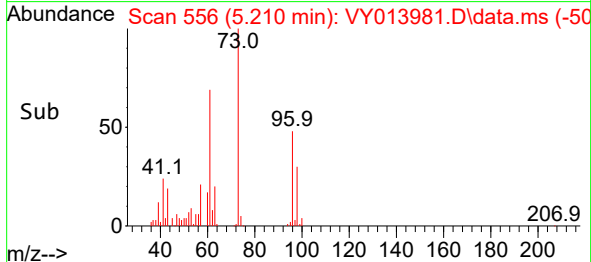
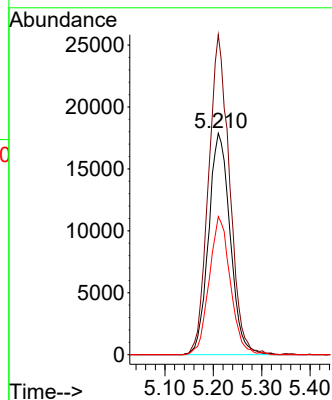
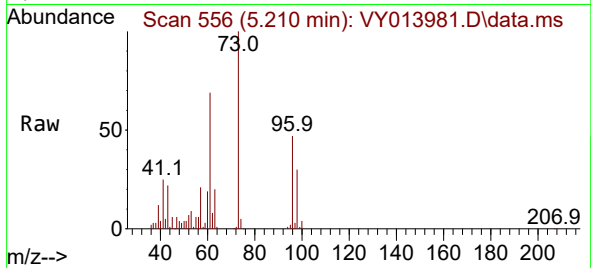




#21
trans-1,2-Dichloroethene
Concen: 20.610 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

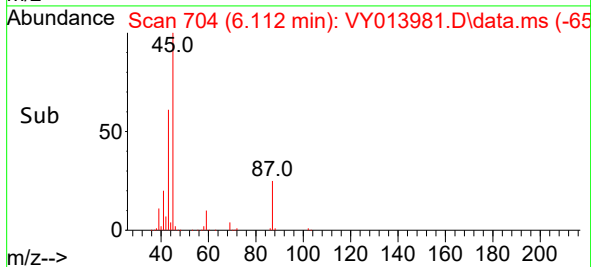
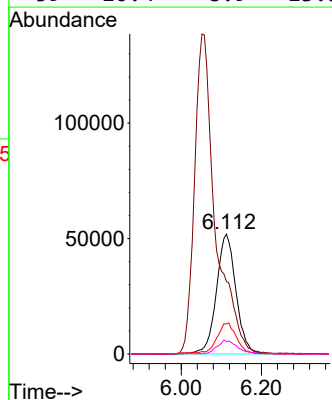
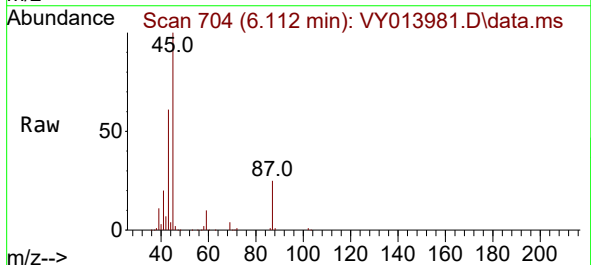
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

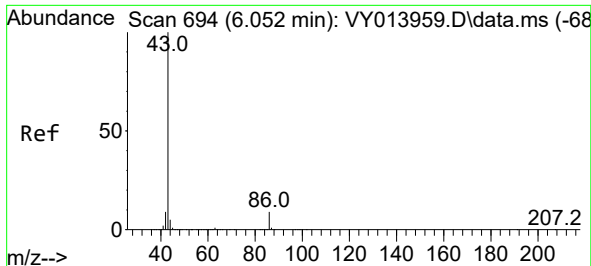
Tgt Ion: 96 Resp: 55530
Ion Ratio Lower Upper
96 100
61 144.5 110.2 165.4
98 62.4 51.8 77.6



#22
Diisopropyl ether
Concen: 19.567 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 45 Resp: 175093
Ion Ratio Lower Upper
45 100
43 59.7 52.2 78.4
87 25.0 21.0 31.6
59 10.4 8.9 13.3





#23

Vinyl Acetate

Concen: 89.160 ug/l

RT: 6.051 min Scan# 694

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

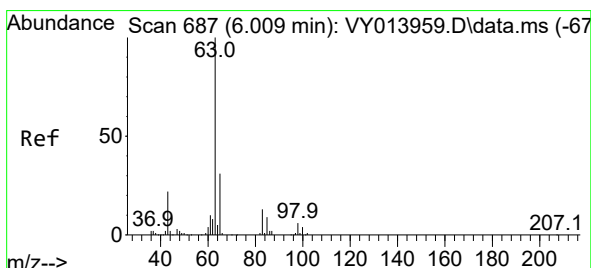
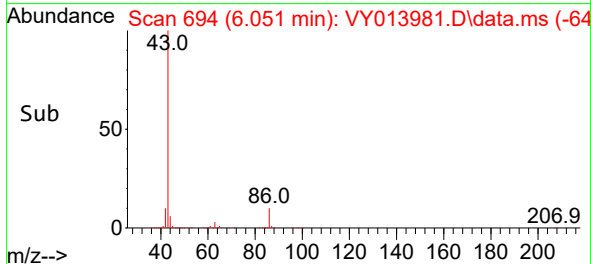
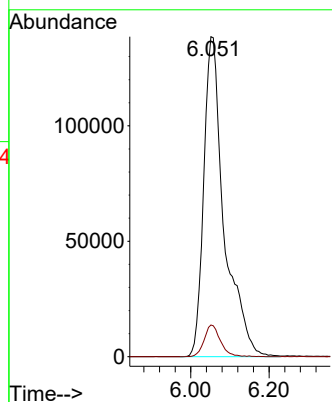
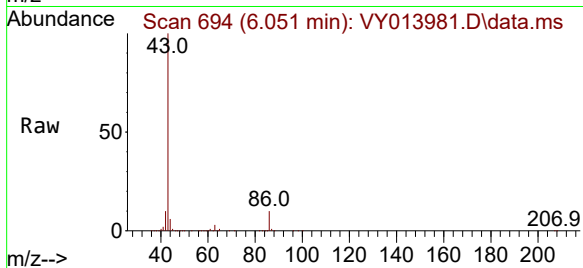
VY0602SBS01

Tgt Ion: 43 Resp: 500412

Ion Ratio Lower Upper

43 100

86 9.9 7.5 11.3



#24

1,1-Dichloroethane

Concen: 20.017 ug/l

RT: 6.009 min Scan# 687

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

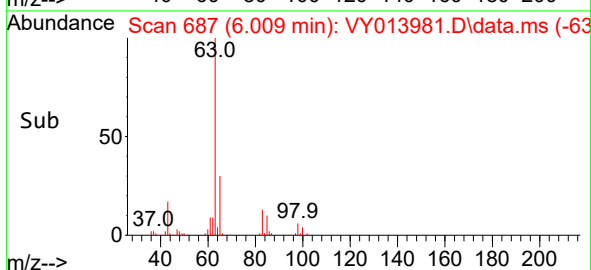
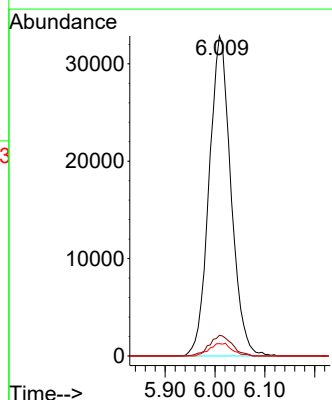
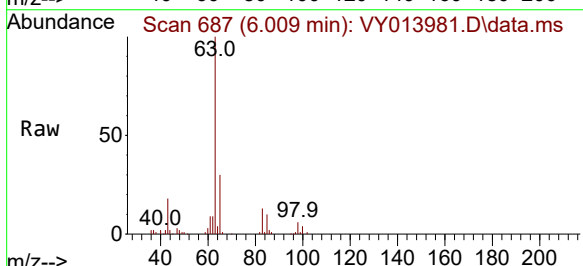
Tgt Ion: 63 Resp: 99977

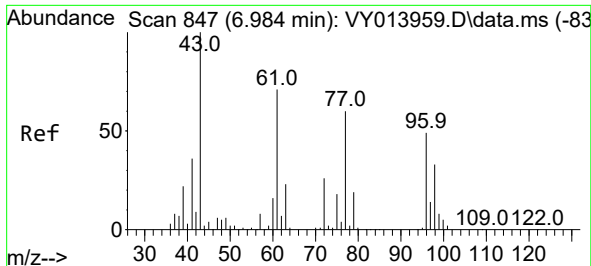
Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 87.326 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

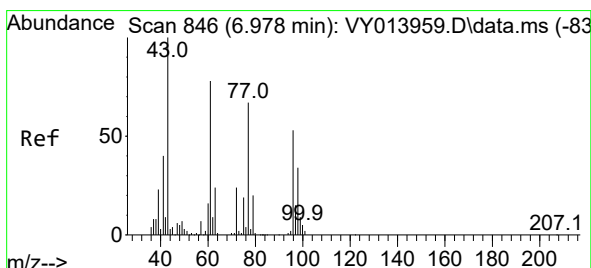
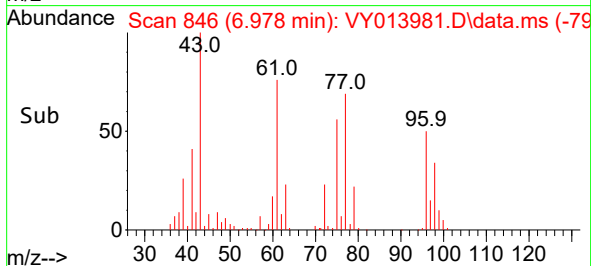
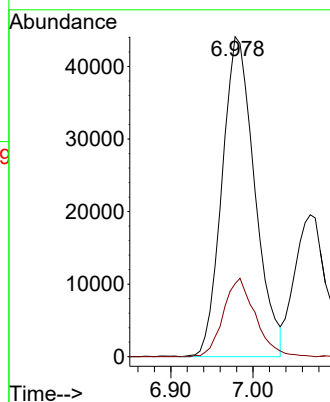
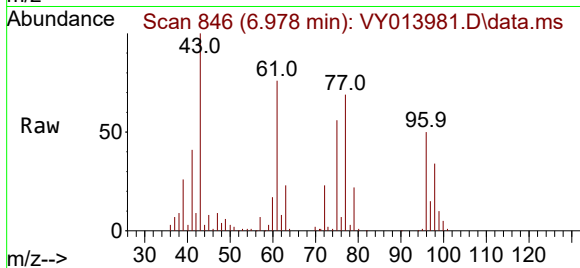
VY0602SBS01

Tgt Ion: 43 Resp: 121926

Ion Ratio Lower Upper

43 100

72 22.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.396 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013981.D

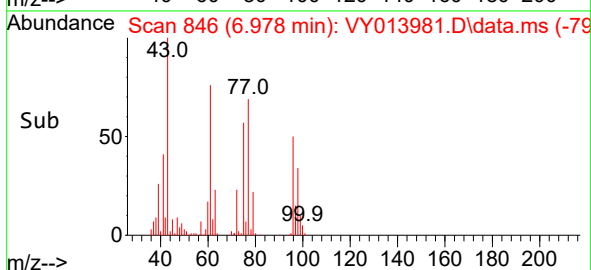
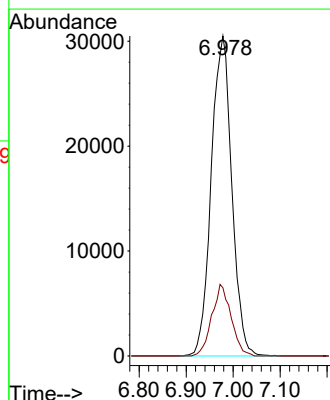
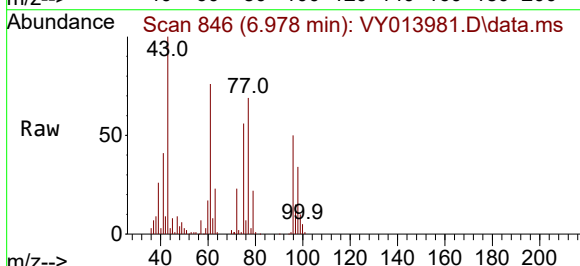
Acq: 02 Jun 2023 11:34

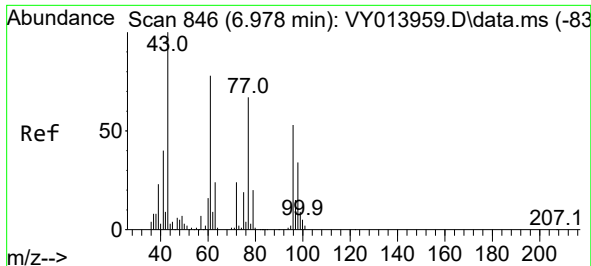
Tgt Ion: 77 Resp: 92449

Ion Ratio Lower Upper

77 100

97 21.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.761 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

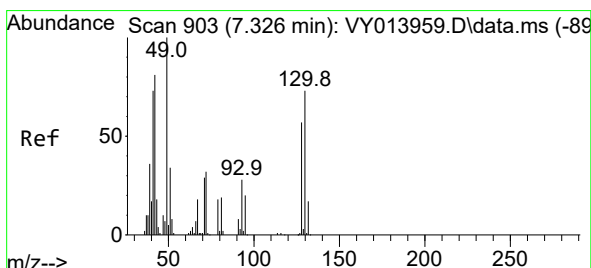
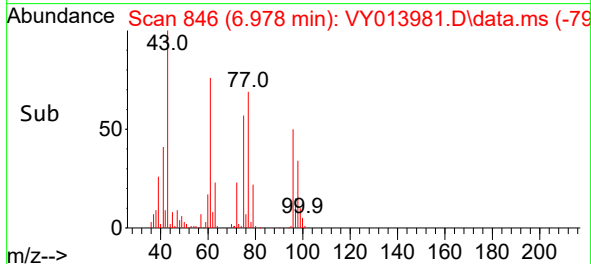
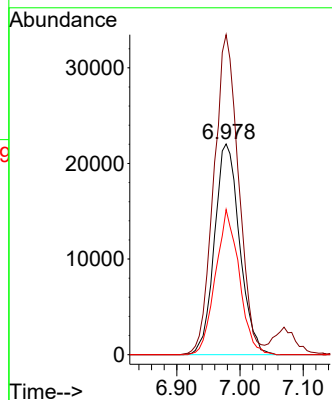
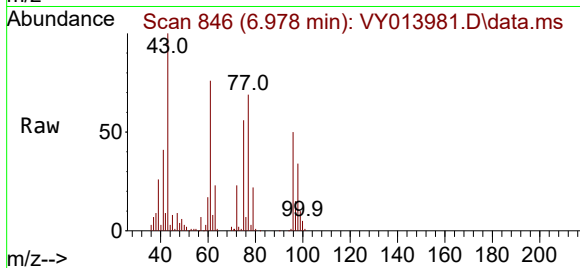
Tgt Ion: 96 Resp: 60959

Ion Ratio Lower Upper

96 100

61 149.8 0.0 301.4

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 20.121 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

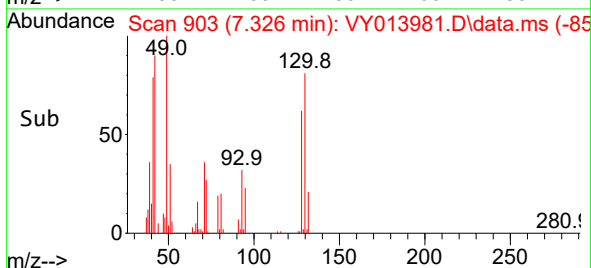
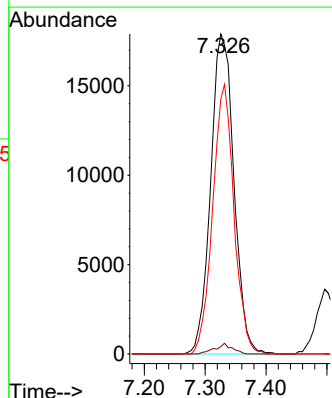
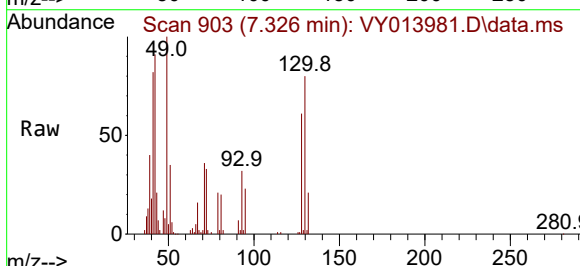
Tgt Ion: 49 Resp: 47461

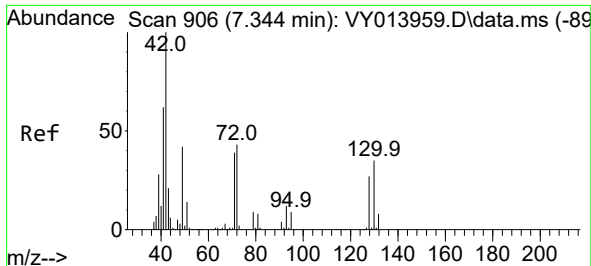
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 77.2 60.7 91.1

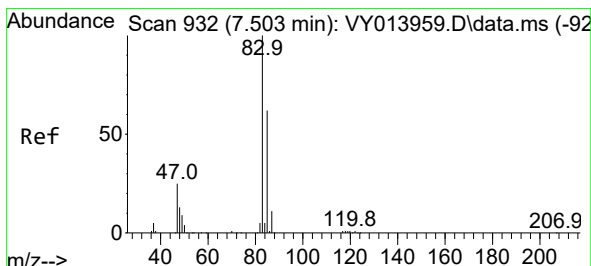
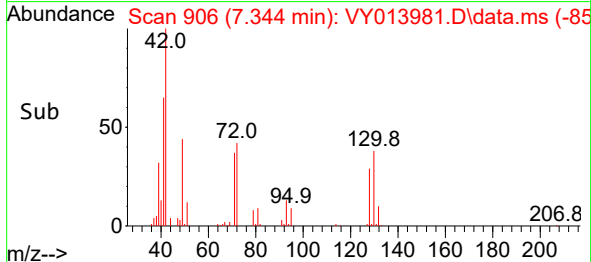
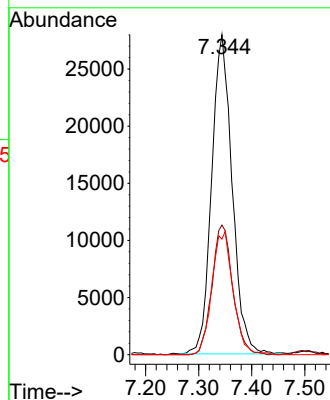
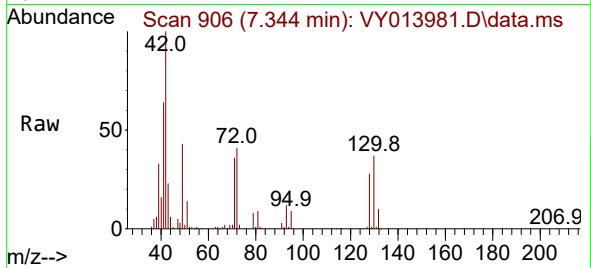




#29
Tetrahydrofuran
Concen: 86.387 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

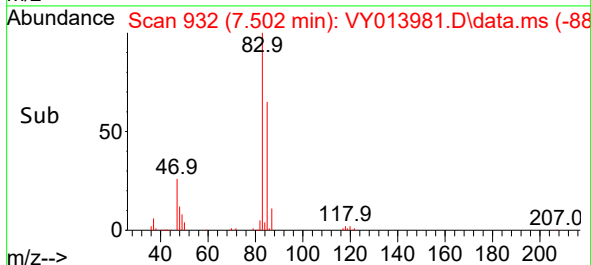
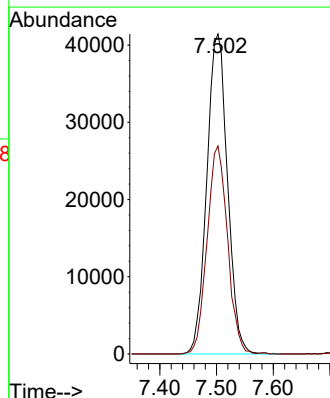
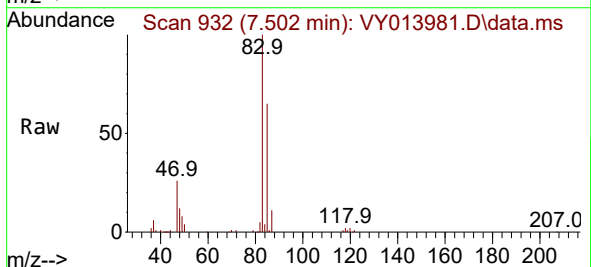
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

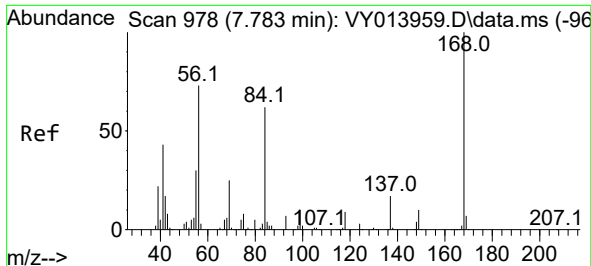
Tgt Ion: 42 Resp: 75005
Ion Ratio Lower Upper
42 100
72 41.2 32.8 49.2
71 39.8 31.0 46.4



#30
Chloroform
Concen: 20.033 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 83 Resp: 105054
Ion Ratio Lower Upper
83 100
85 65.0 49.7 74.5

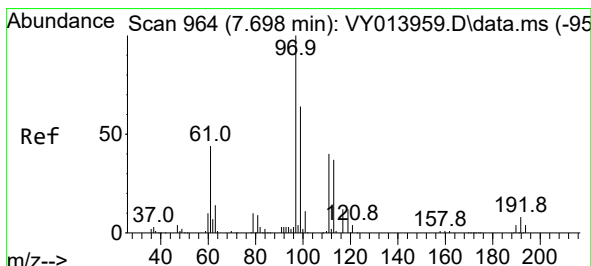
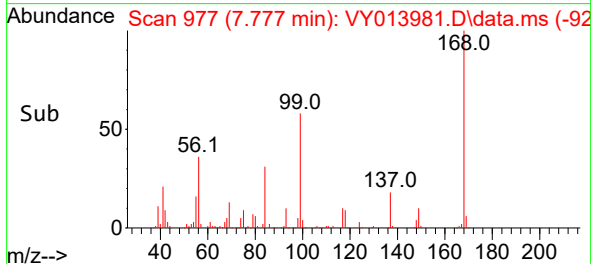
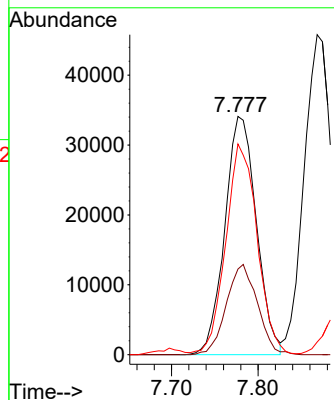
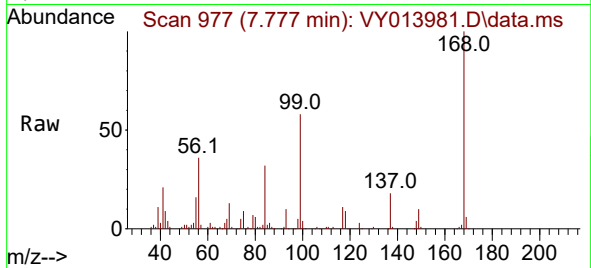




#31
Cyclohexane
Concen: 21.919 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

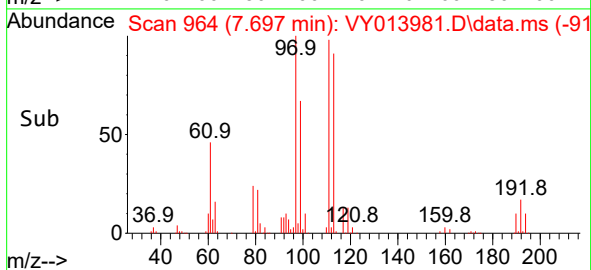
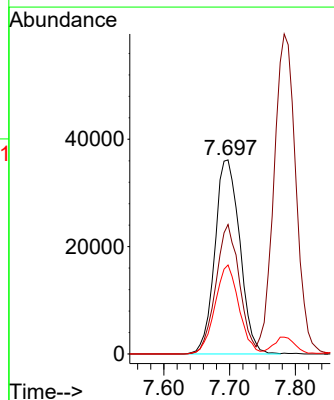
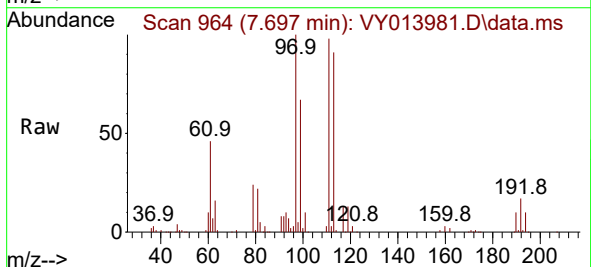
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

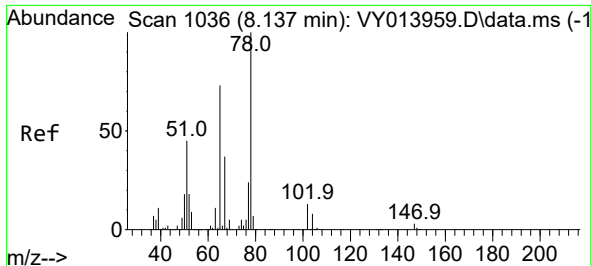
Tgt Ion: 56 Resp: 86461
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.6
84 86.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.486 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 97 Resp: 95572
Ion Ratio Lower Upper
97 100
99 63.0 50.8 76.2
61 44.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.988 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

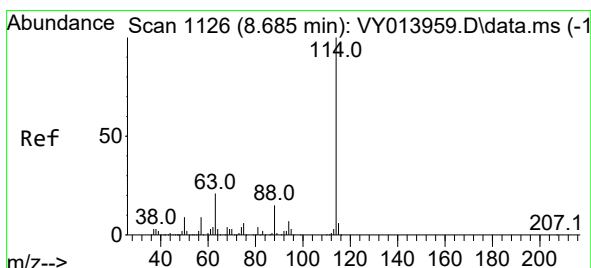
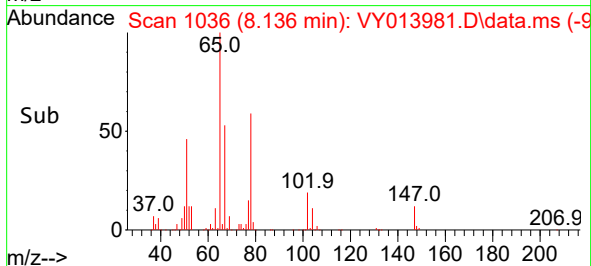
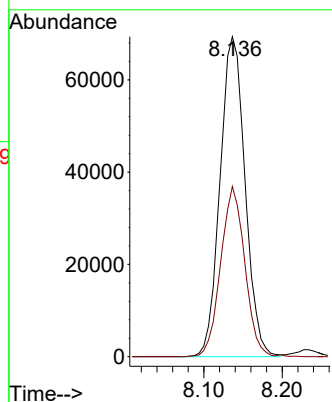
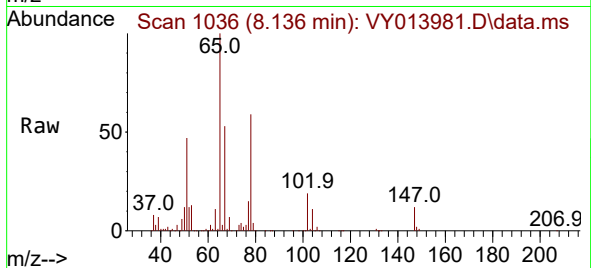
VY0602SBS01

Tgt Ion: 65 Resp: 153923

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

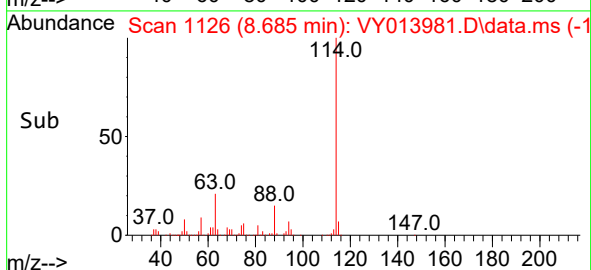
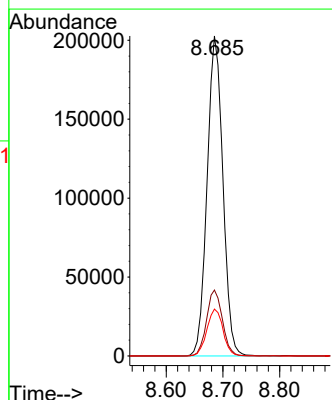
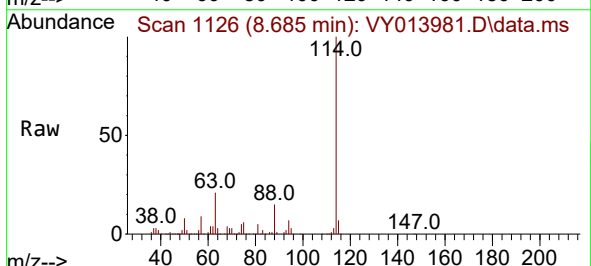
Tgt Ion: 114 Resp: 391848

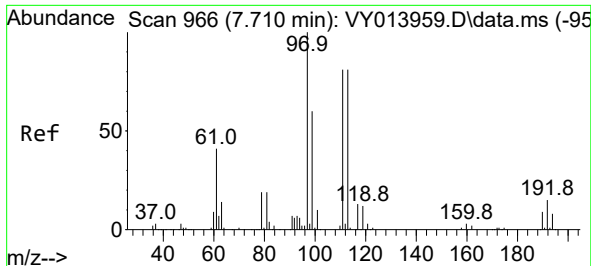
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 14.6 0.0 30.6

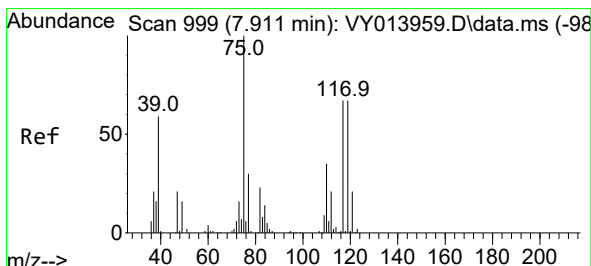
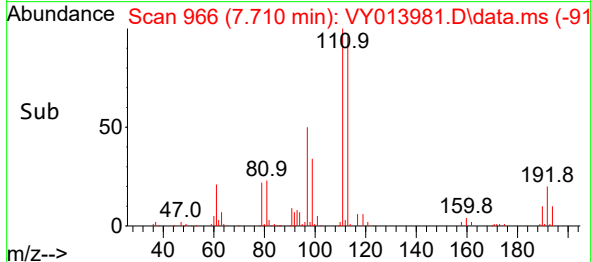
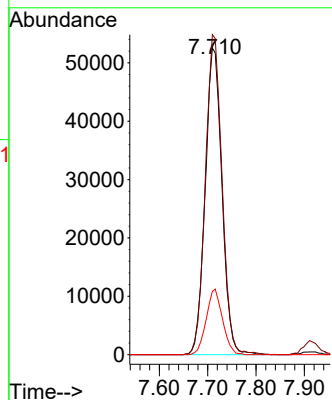
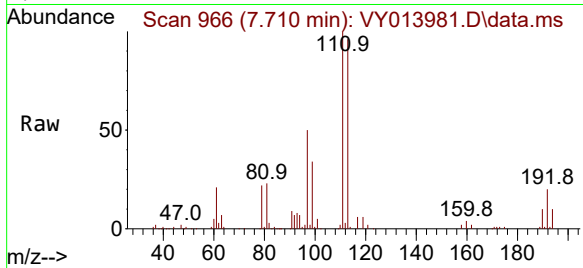




#35
Dibromofluoromethane
Concen: 50.841 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

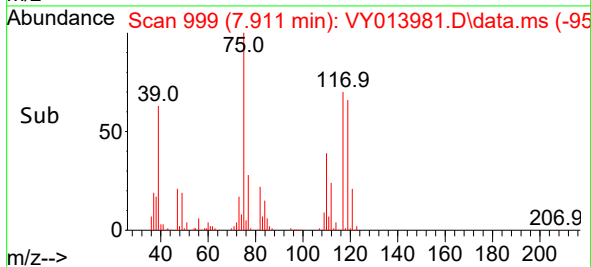
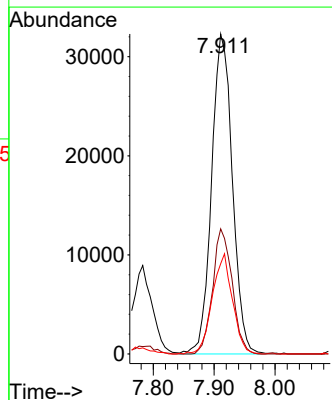
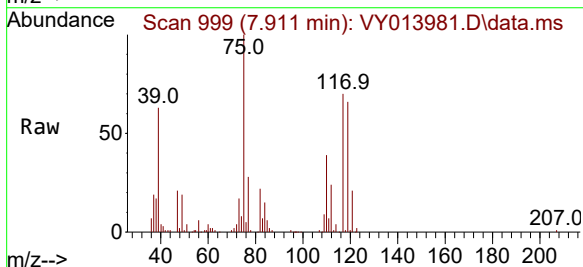
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

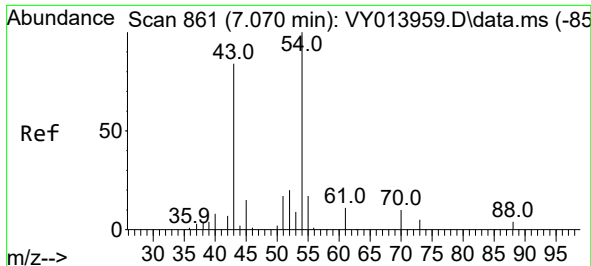
Tgt Ion:113 Resp: 126606
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 20.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.603 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 75 Resp: 76644
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 17.413 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

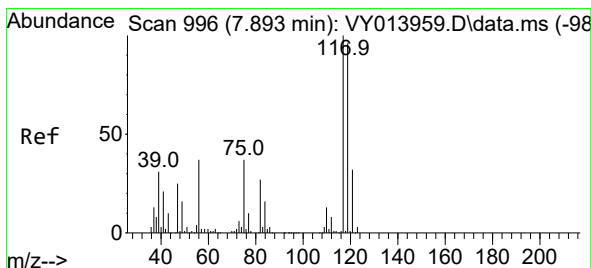
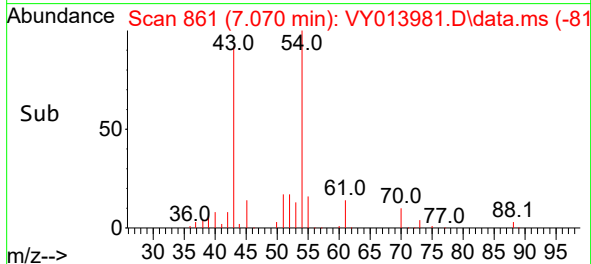
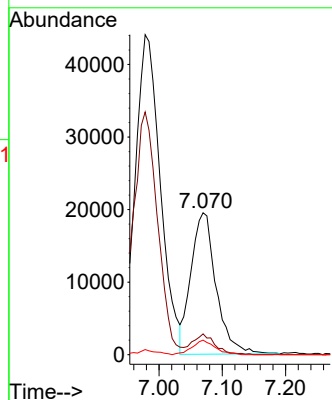
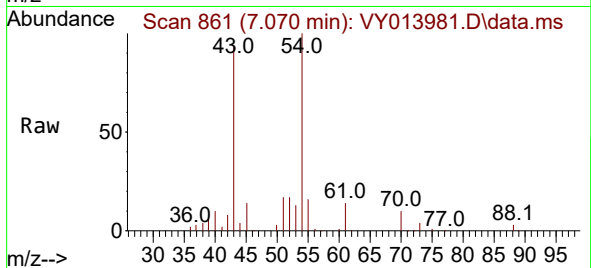
Tgt Ion: 43 Resp: 53861

Ion Ratio Lower Upper

43 100

61 13.2 10.1 15.1

70 9.3 7.1 10.7



#38

Carbon Tetrachloride

Concen: 22.093 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

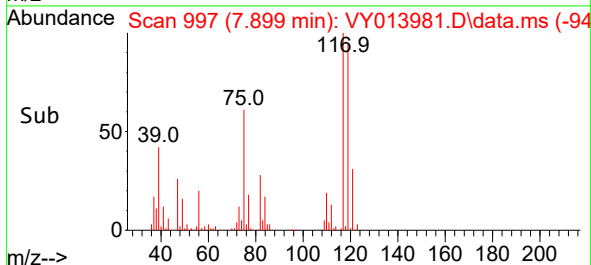
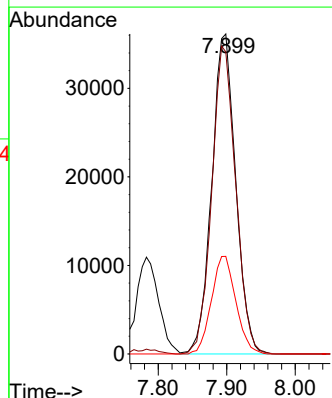
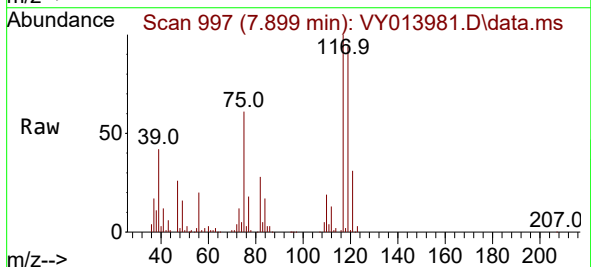
Tgt Ion: 117 Resp: 87834

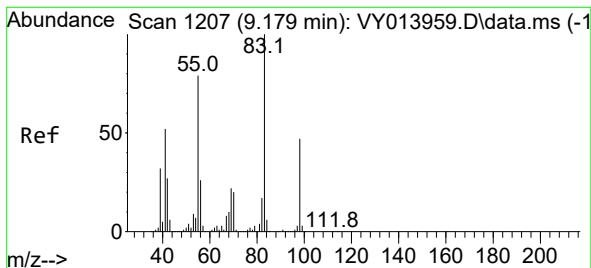
Ion Ratio Lower Upper

117 100

119 94.4 76.4 114.6

121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 23.052 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

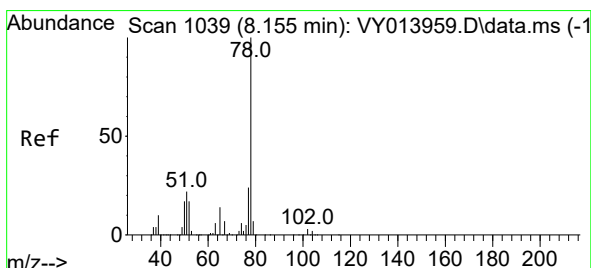
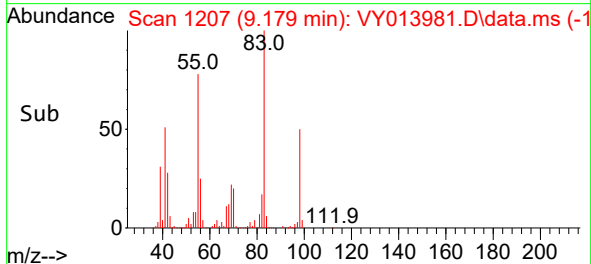
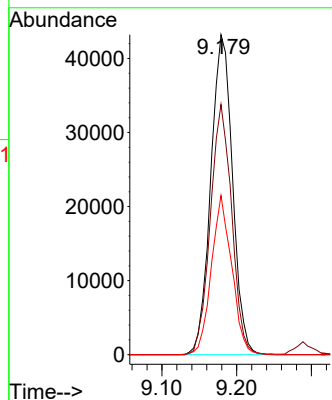
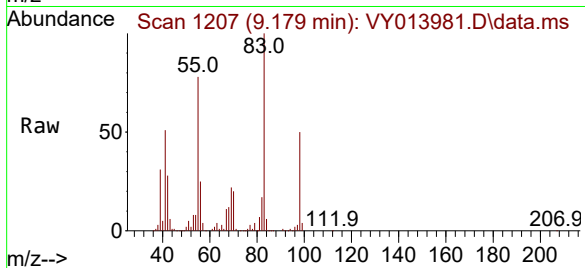
Tgt Ion: 83 Resp: 87312

Ion Ratio Lower Upper

83 100

55 78.2 63.0 94.4

98 49.8 37.4 56.2



#40

Benzene

Concen: 20.399 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY013981.D

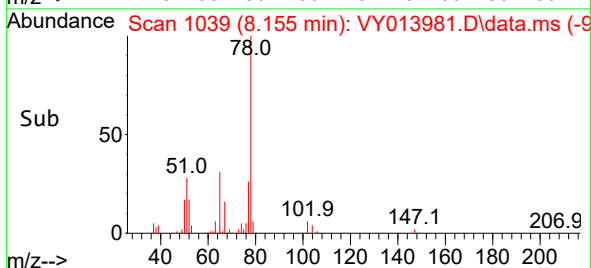
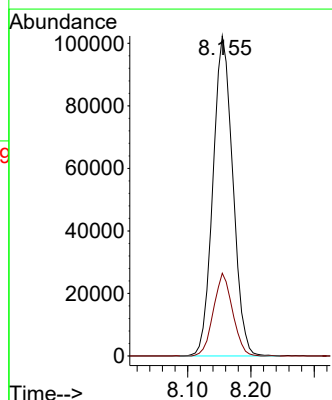
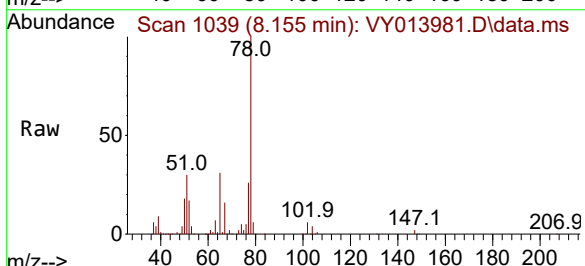
Acq: 02 Jun 2023 11:34

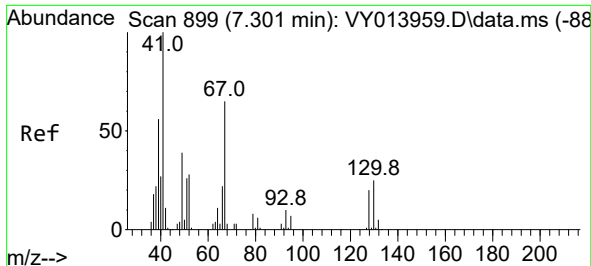
Tgt Ion: 78 Resp: 223257

Ion Ratio Lower Upper

78 100

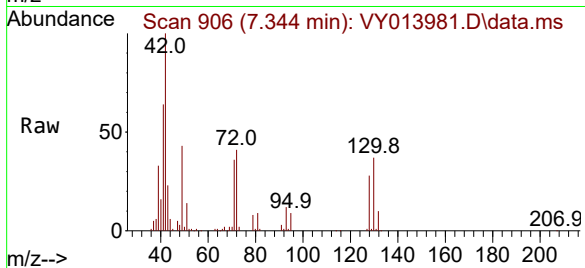
77 25.9 19.0 28.6



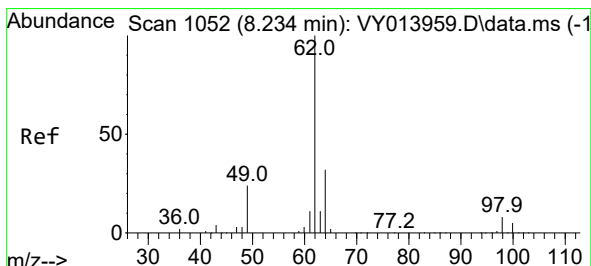
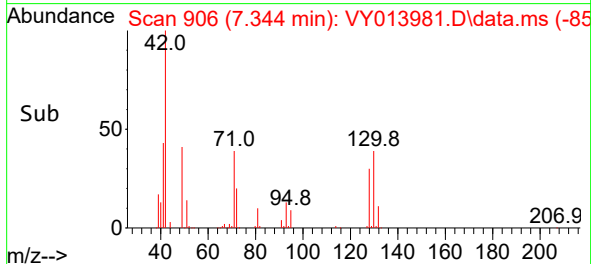
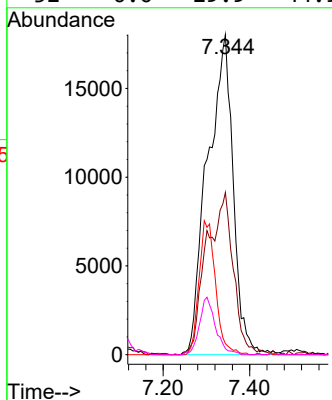


#41
Methacrylonitrile
Concen: 51.900 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

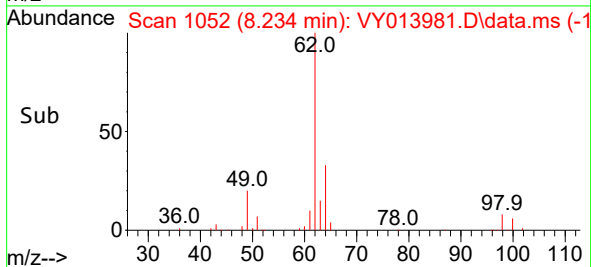
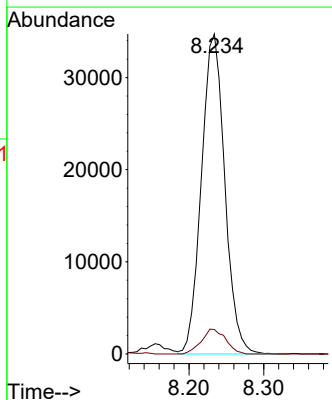
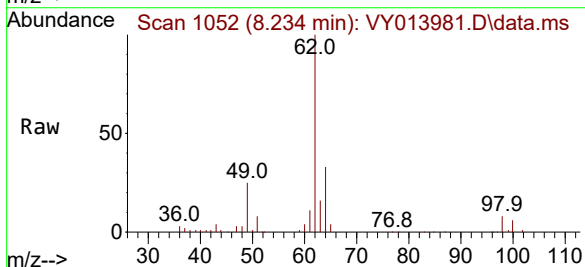


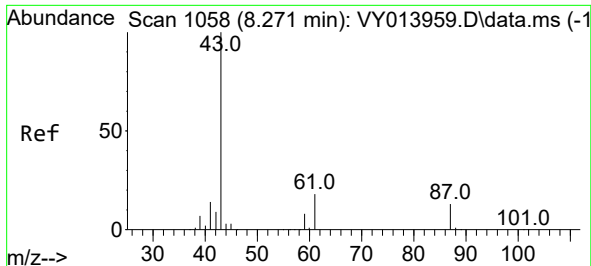
Tgt Ion:	41	Resp:	74198
Ion	Ratio	Lower	Upper
41	100		
39	29.7	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 18.816 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion:	62	Resp:	75510
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8

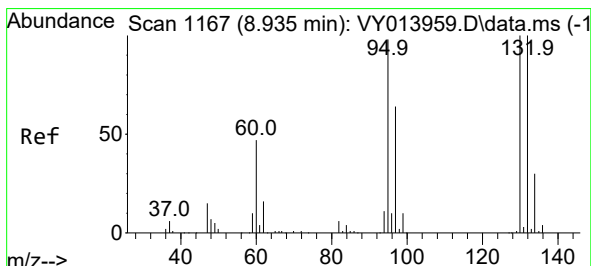
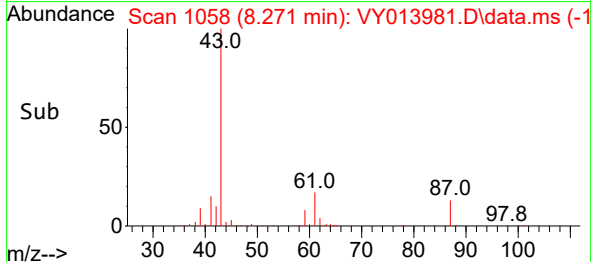
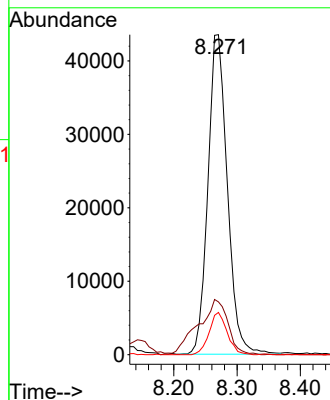
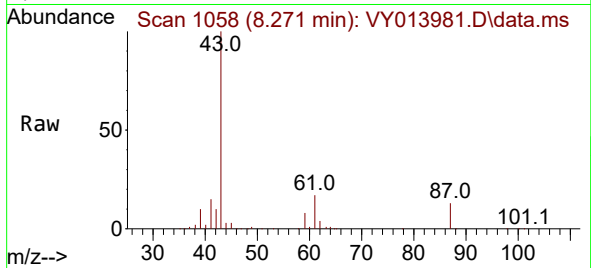




#43
Isopropyl Acetate
Concen: 17.851 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

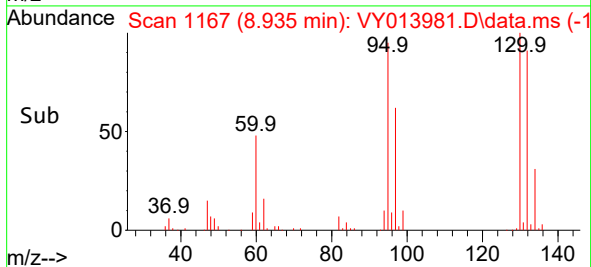
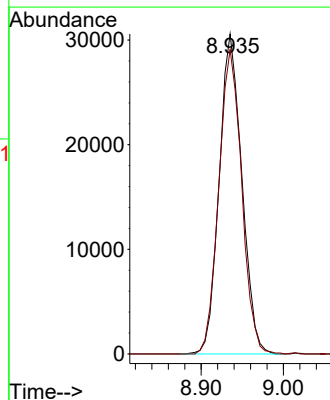
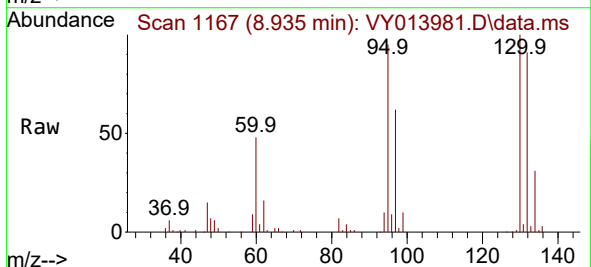
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

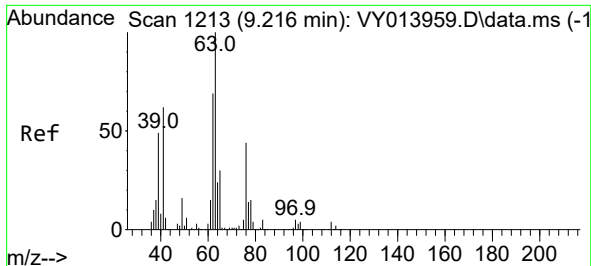
Tgt Ion: 43 Resp: 92975
Ion Ratio Lower Upper
43 100
61 26.2 21.1 31.7
87 12.3 9.8 14.8



#44
Trichloroethene
Concen: 20.394 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion:130 Resp: 58451
Ion Ratio Lower Upper
130 100
95 95.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.673 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

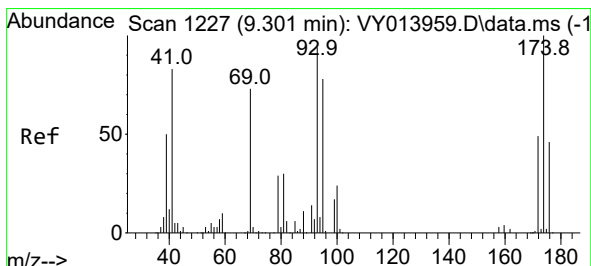
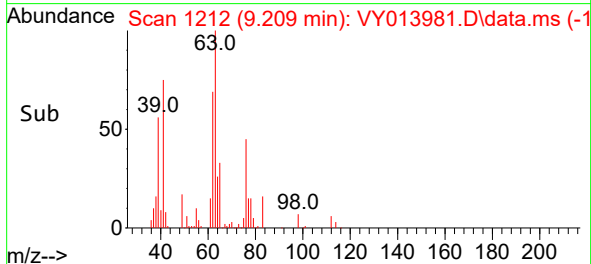
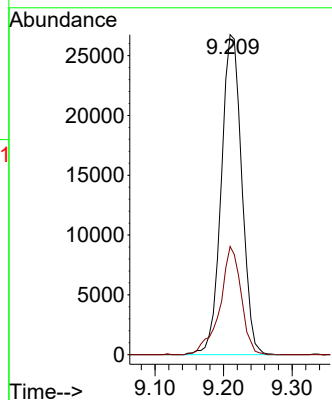
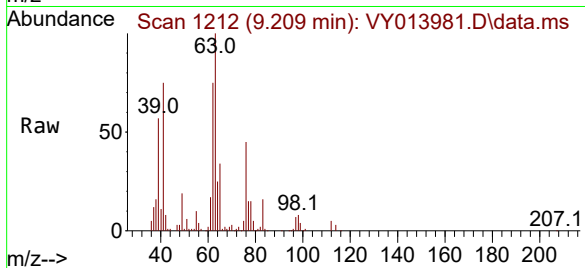
VY0602SBSD01

Tgt Ion: 63 Resp: 55564

Ion Ratio Lower Upper

63 100

65 33.8 23.8 35.6



#46

Dibromomethane

Concen: 19.141 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

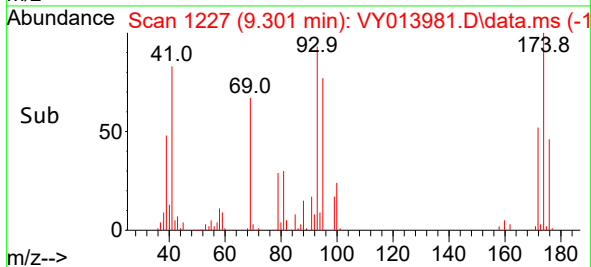
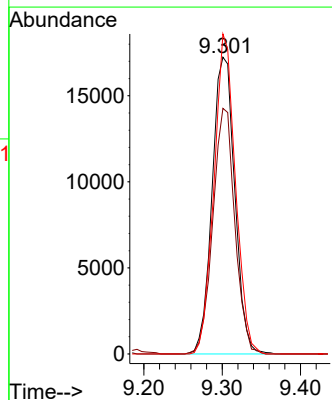
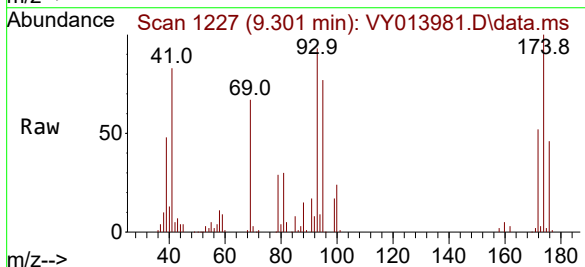
Tgt Ion: 93 Resp: 34610

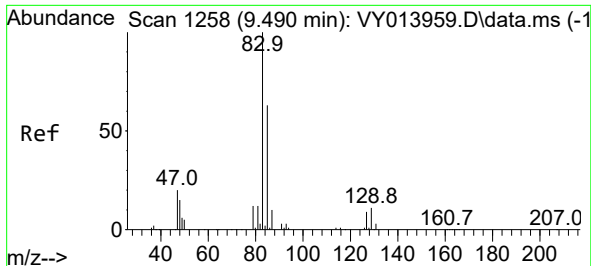
Ion Ratio Lower Upper

93 100

95 80.7 66.6 100.0

174 102.3 84.8 127.2

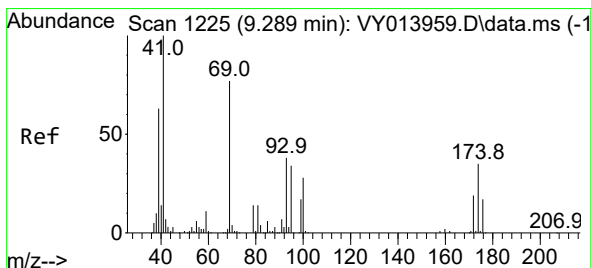
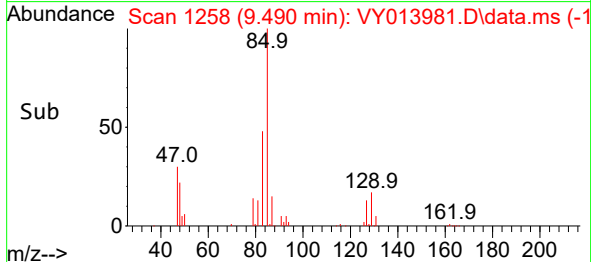
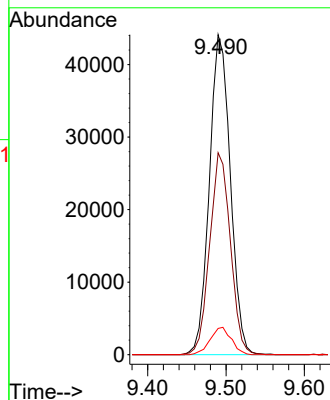
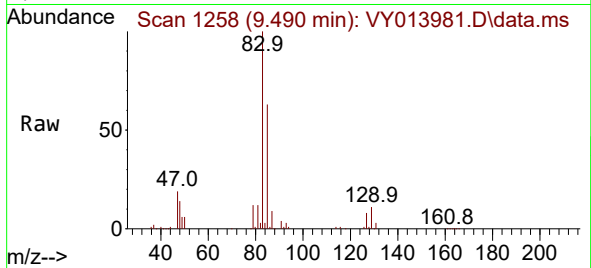




#47
Bromodichloromethane
Concen: 20.119 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

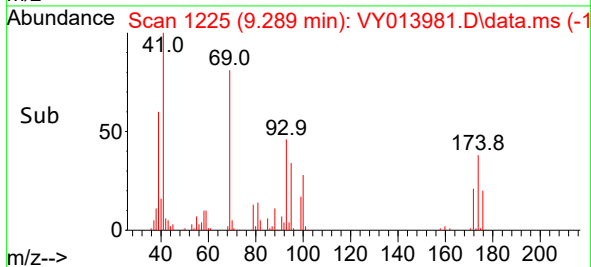
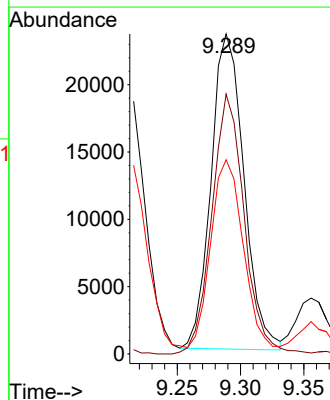
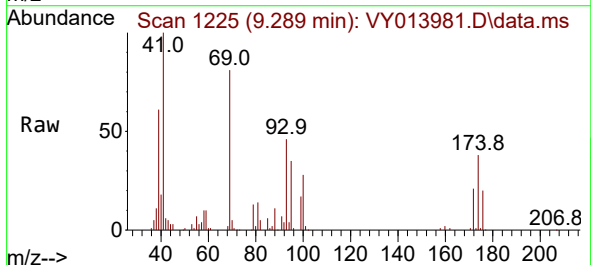
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

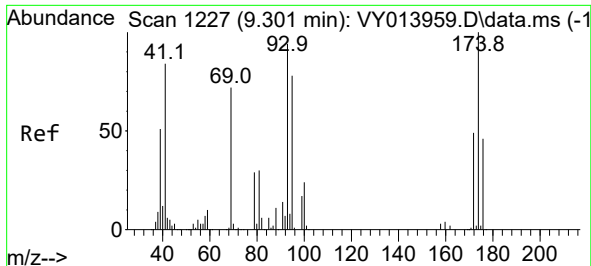
Tgt Ion:	83	Resp:	81949
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.1	75.1
127	8.2	7.1	10.7



#48
Methyl methacrylate
Concen: 17.844 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion:	41	Resp:	42302
Ion	Ratio	Lower	Upper
41	100		
69	81.2	64.5	96.7
39	58.5	50.8	76.2





#49

1,4-Dioxane

Concen: 314.663 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

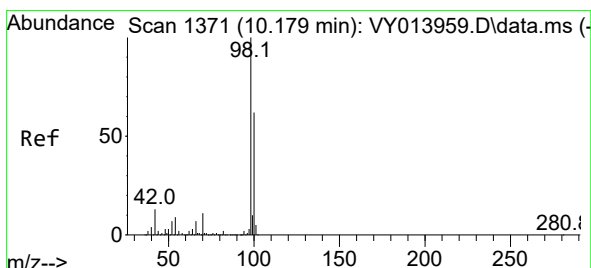
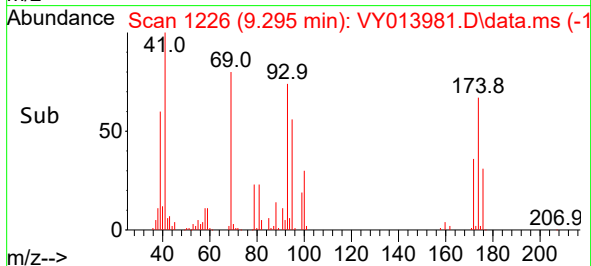
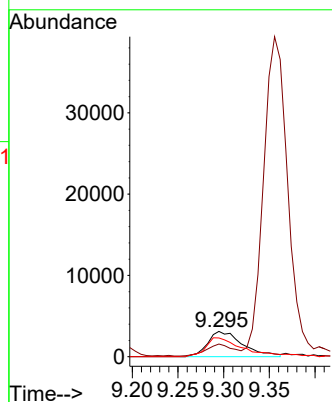
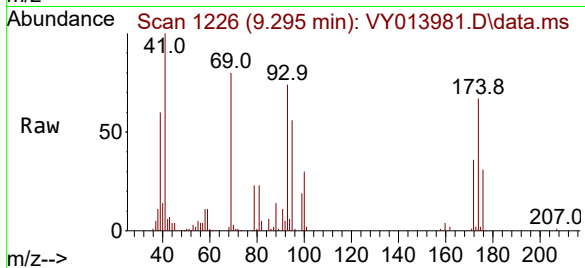
Tgt Ion: 88 Resp: 8274

Ion Ratio Lower Upper

88 100

43 36.6 0.0 0.0#

58 82.0 30.9 46.3#



#50

Toluene-d8

Concen: 51.772 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013981.D

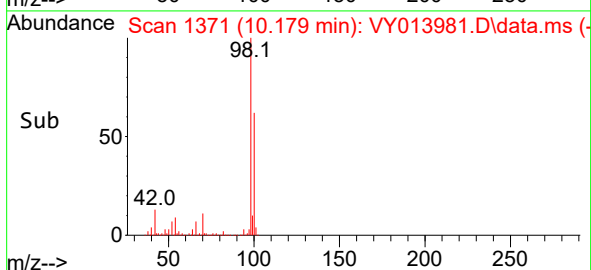
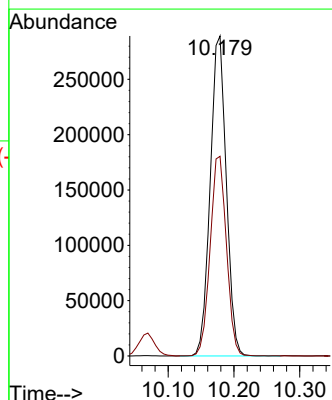
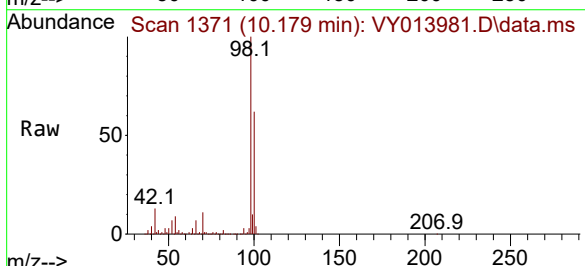
Acq: 02 Jun 2023 11:34

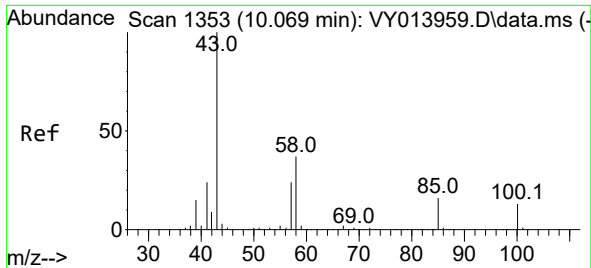
Tgt Ion: 98 Resp: 491776

Ion Ratio Lower Upper

98 100

100 63.3 50.1 75.1

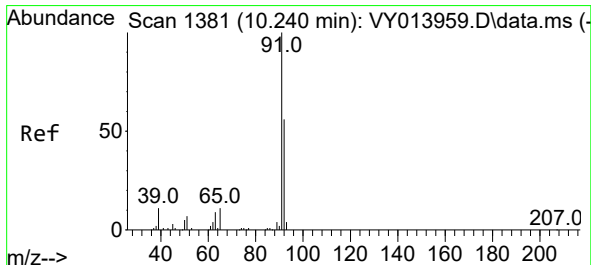
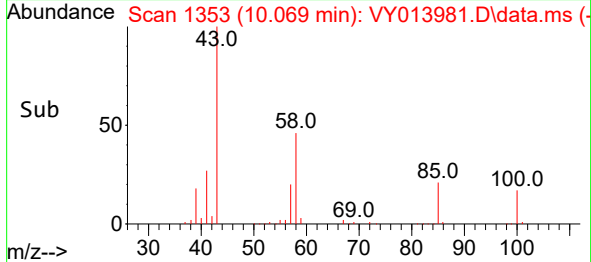
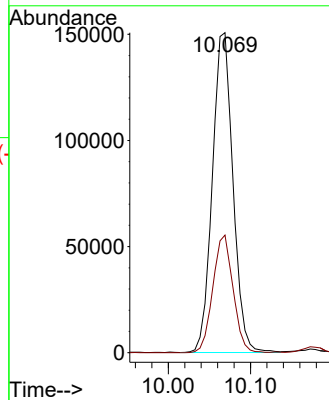
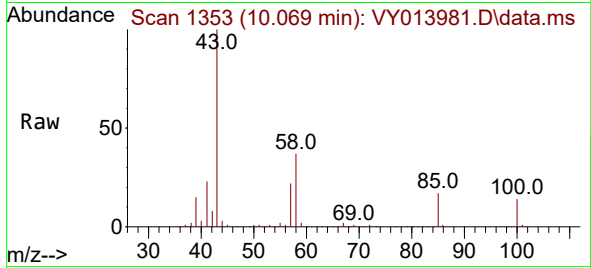




#51
4-Methyl-2-Pentanone
Concen: 89.309 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

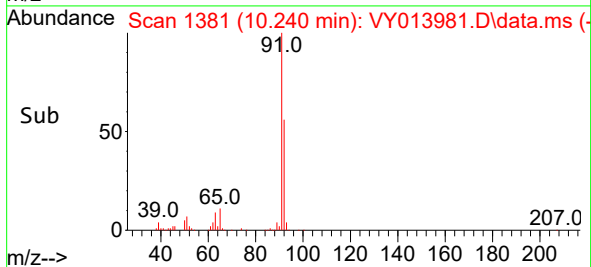
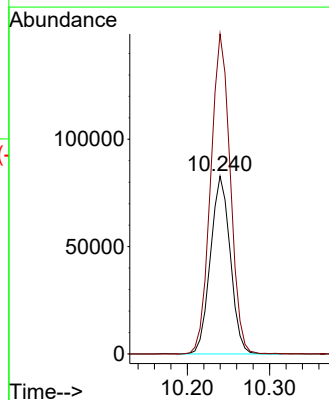
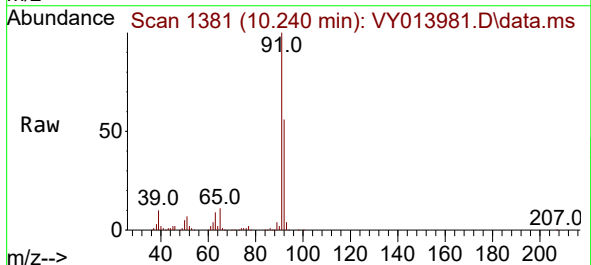
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

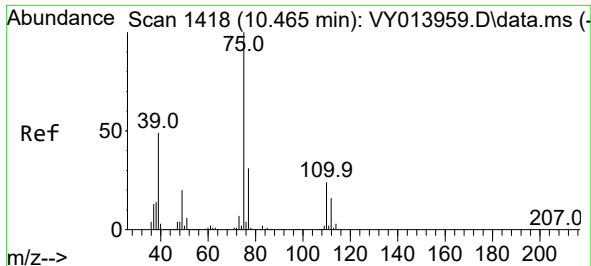
Tgt Ion: 43 Resp: 262731
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.6



#52
Toluene
Concen: 20.615 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 92 Resp: 138217
Ion Ratio Lower Upper
92 100
91 179.0 143.8 215.6

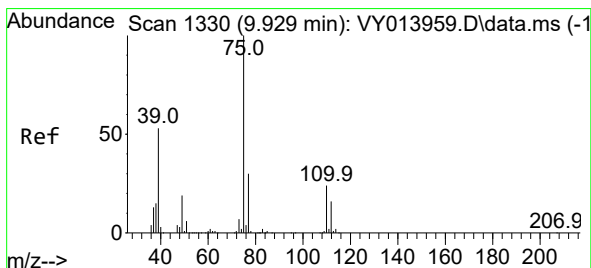
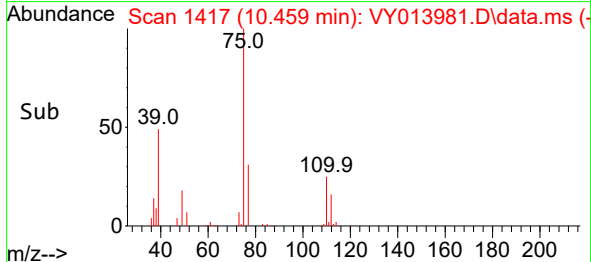
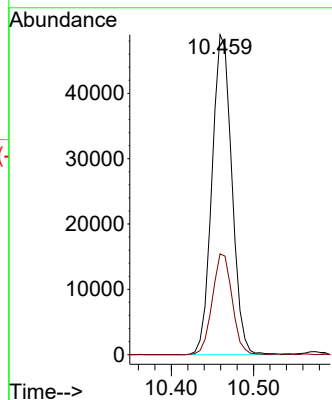
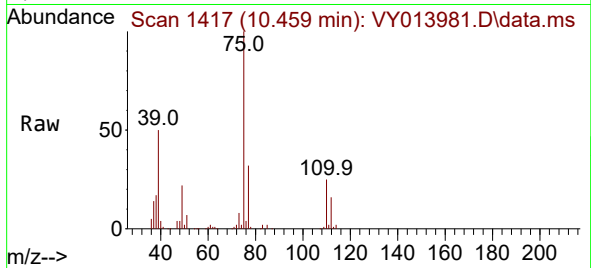




#53
t-1,3-Dichloropropene
Concen: 18.819 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

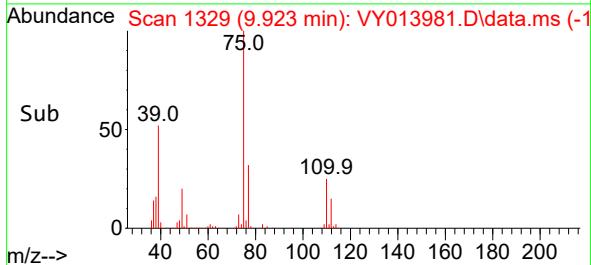
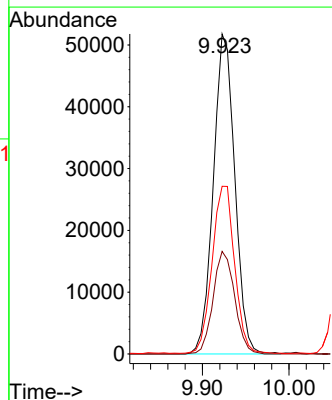
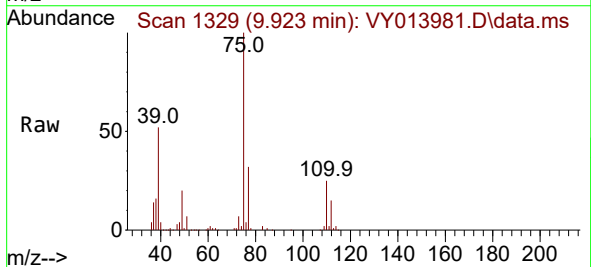
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

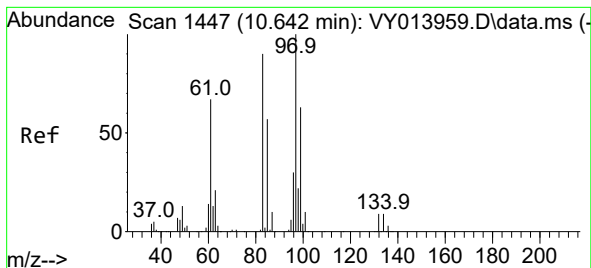
Tgt Ion: 75 Resp: 82338
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.092 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 75 Resp: 89184
Ion Ratio Lower Upper
75 100
77 32.0 24.2 36.4
39 52.2 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 19.721 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

Tgt Ion: 97 Resp: 47010

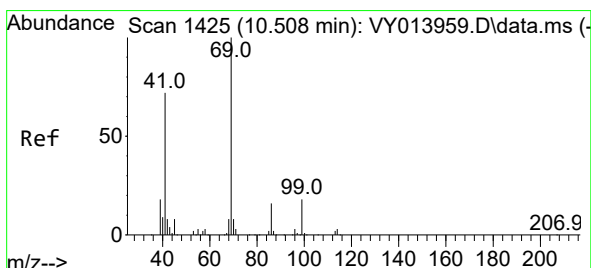
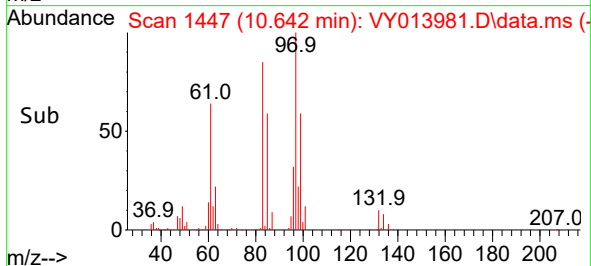
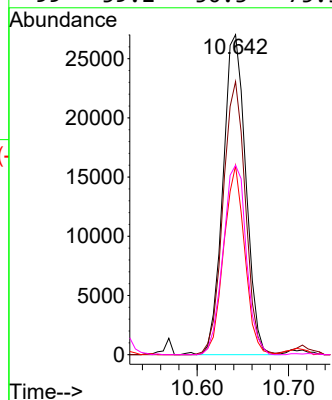
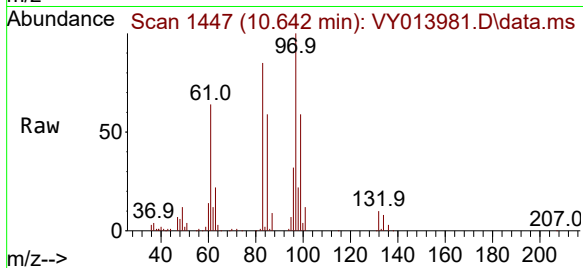
Ion Ratio Lower Upper

97 100

83 85.3 72.0 108.0

85 59.1 45.4 68.0

99 59.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.212 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

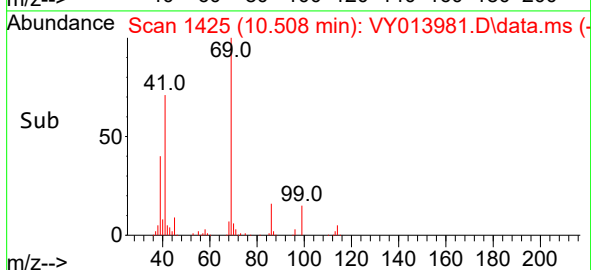
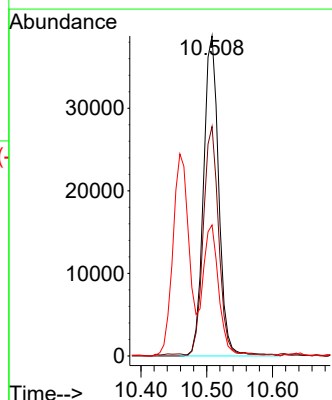
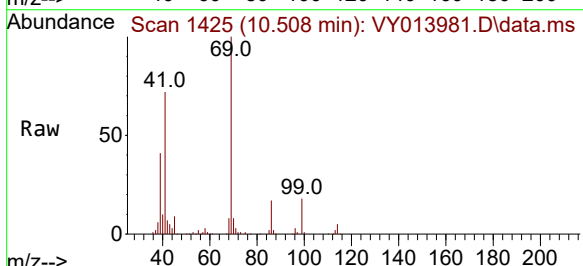
Tgt Ion: 69 Resp: 62333

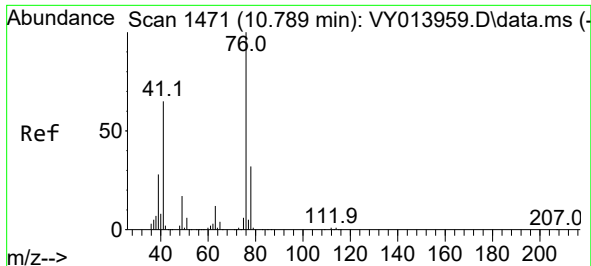
Ion Ratio Lower Upper

69 100

41 72.2 57.6 86.4

39 41.5 34.1 51.1





#57

1,3-Dichloropropane

Concen: 18.908 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

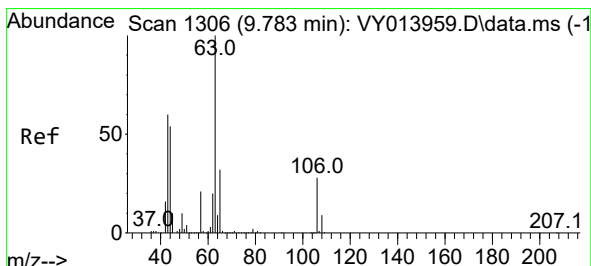
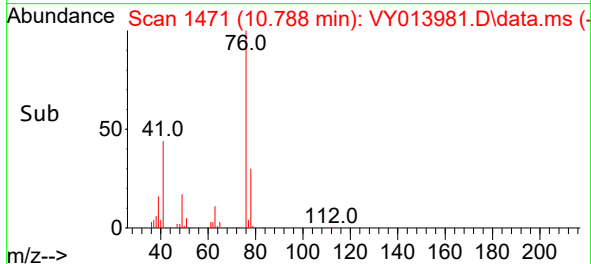
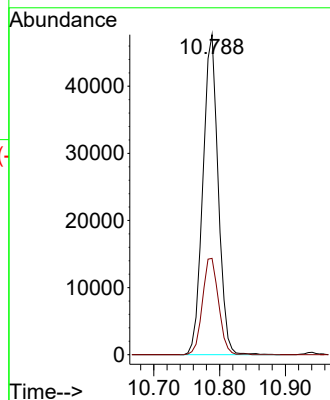
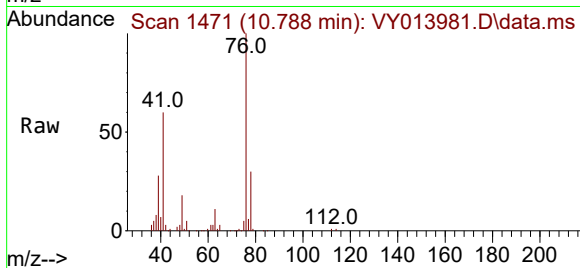
VY0602SBSD01

Tgt Ion: 76 Resp: 77016

Ion Ratio Lower Upper

76 100

78 31.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 76.152 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY013981.D

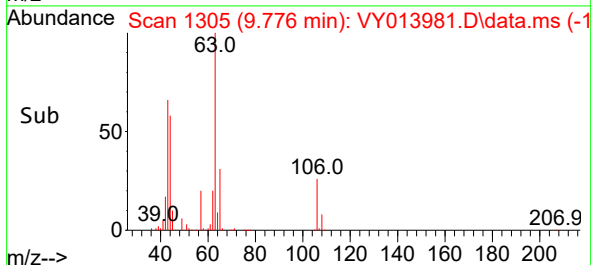
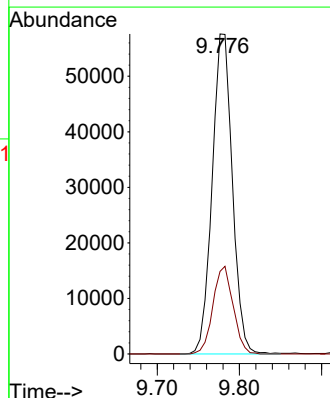
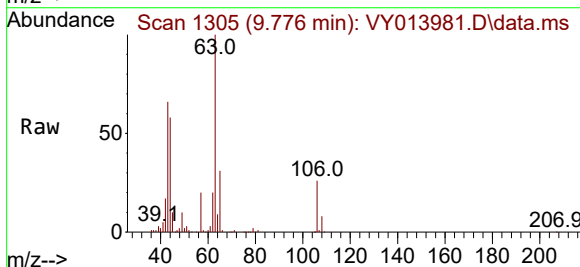
Acq: 02 Jun 2023 11:34

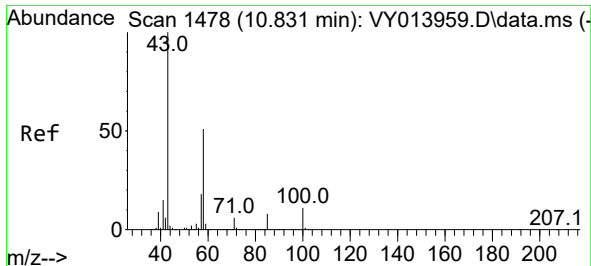
Tgt Ion: 63 Resp: 98425

Ion Ratio Lower Upper

63 100

106 27.2 21.2 31.8

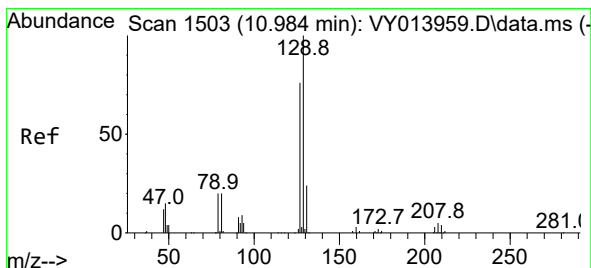
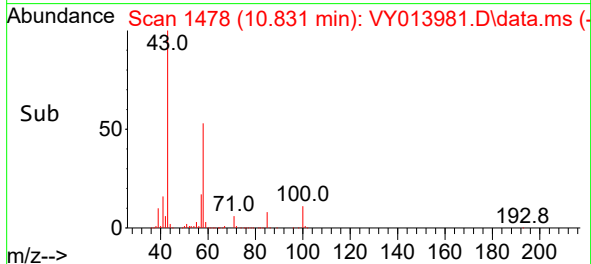
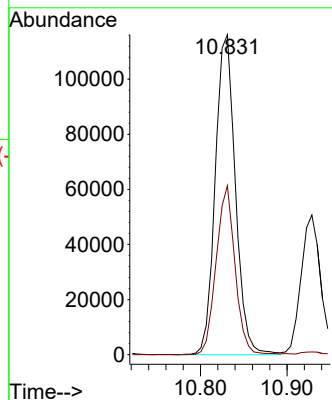
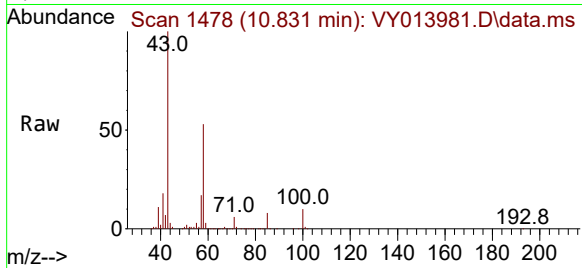




#59
2-Hexanone
Concen: 88.115 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

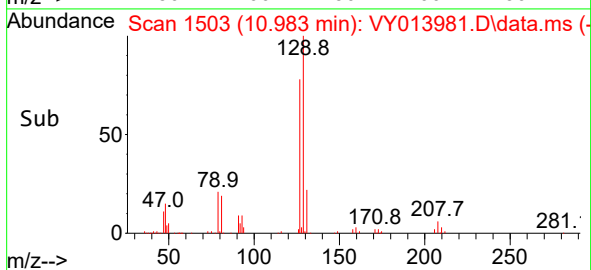
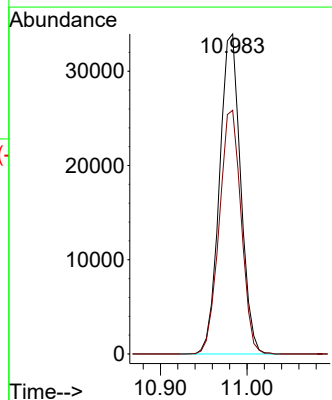
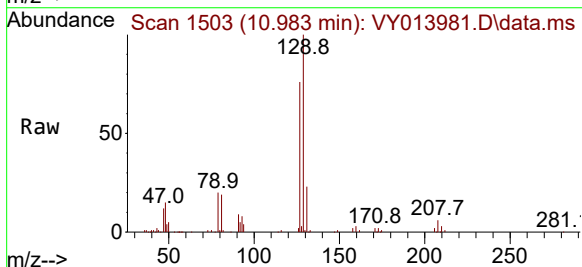
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

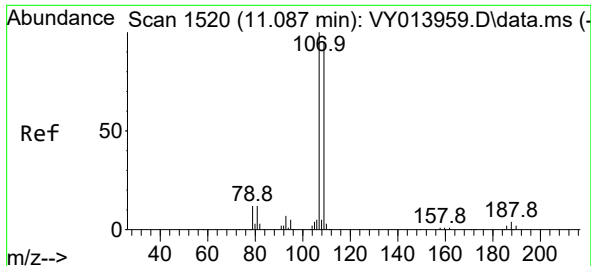
Tgt Ion: 43 Resp: 187701
Ion Ratio Lower Upper
43 100
58 49.6 25.1 75.3



#60
Dibromochloromethane
Concen: 19.130 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 129 Resp: 57634
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

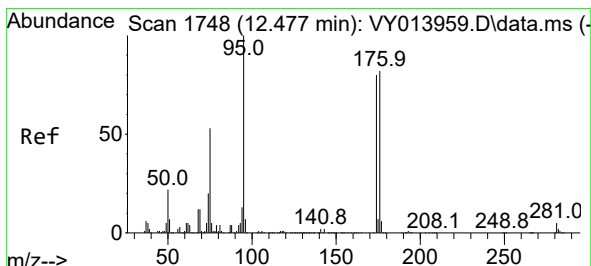
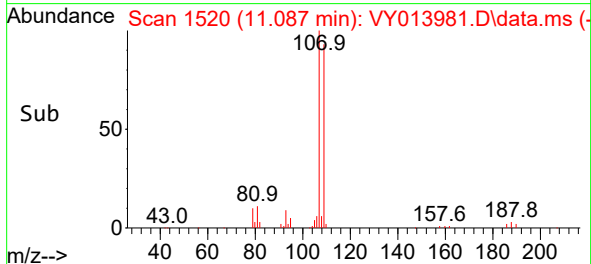
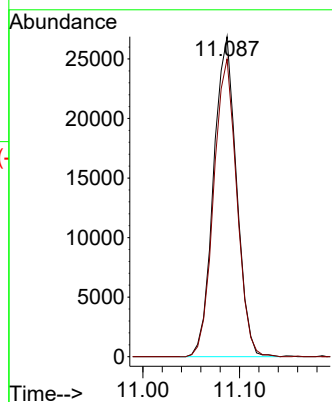
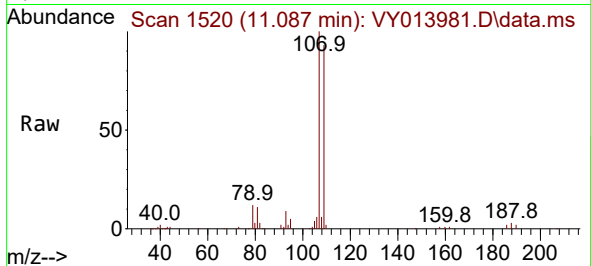




#61
1,2-Dibromoethane
Concen: 18.486 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

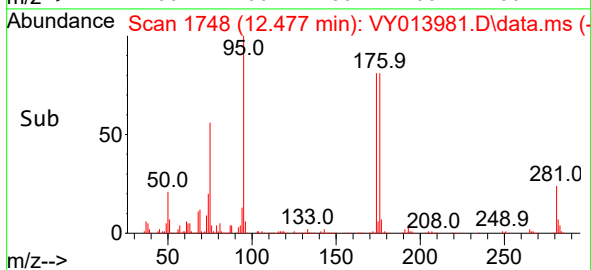
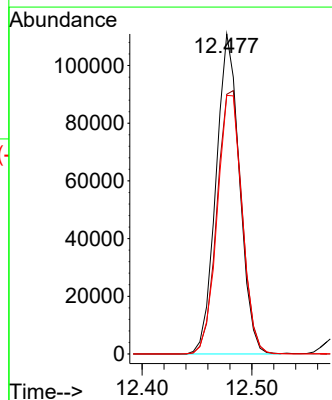
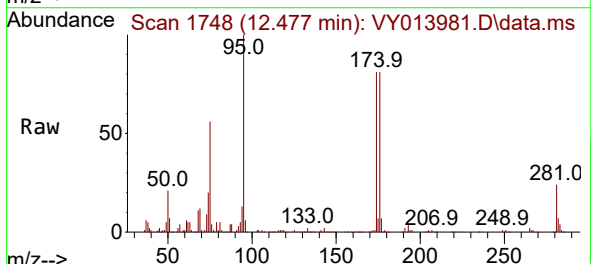
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

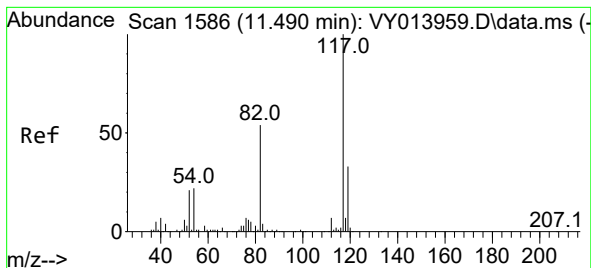
Tgt Ion:107 Resp: 44274
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.048 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 95 Resp: 165311
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.2
176 85.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

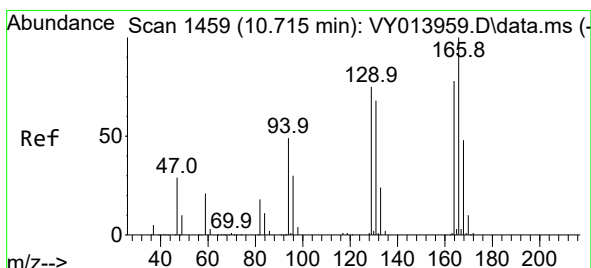
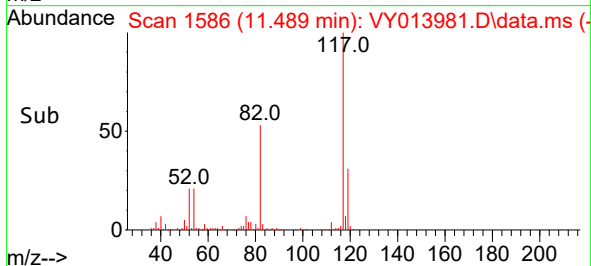
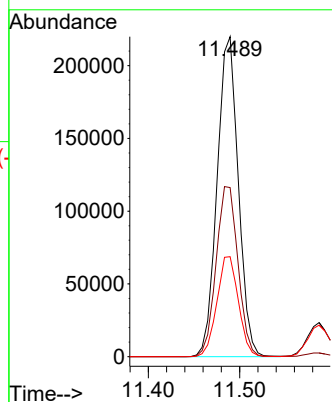
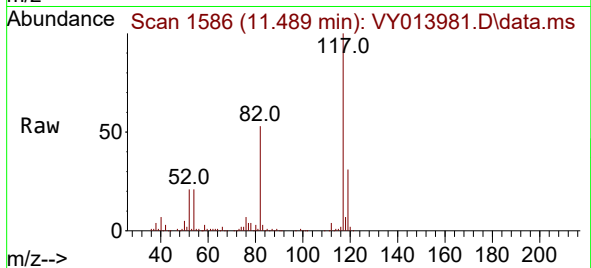
Tgt Ion:117 Resp: 354135

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 31.3 26.3 39.5



#64

Tetrachloroethene

Concen: 22.246 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Tgt Ion:164 Resp: 53972

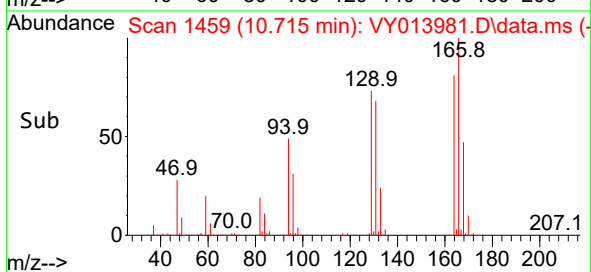
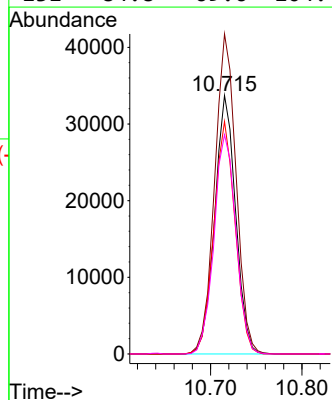
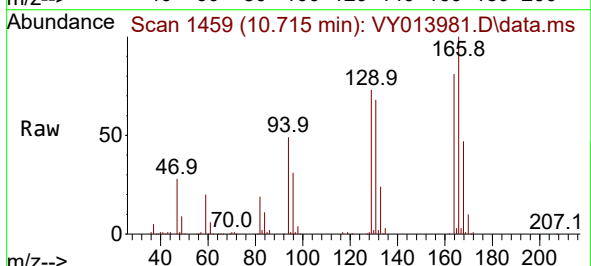
Ion Ratio Lower Upper

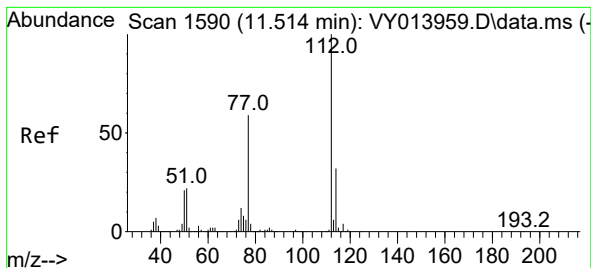
164 100

166 123.8 103.0 154.6

129 90.0 77.2 115.8

131 84.8 69.6 104.4





#65

Chlorobenzene

Concen: 20.489 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

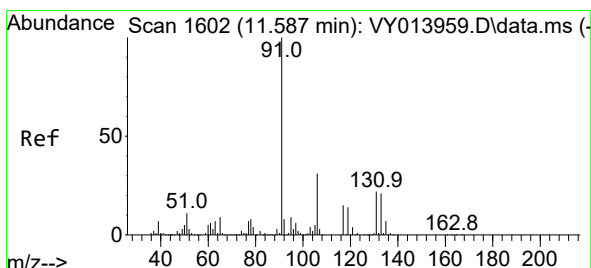
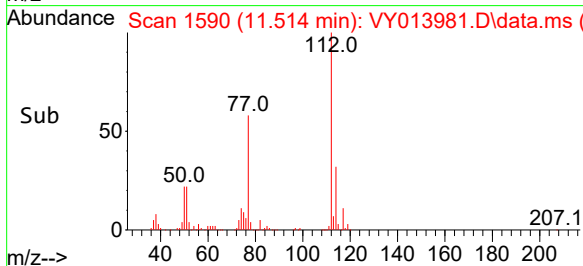
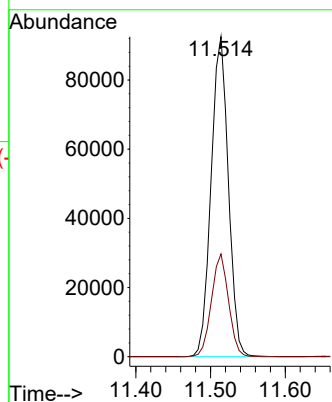
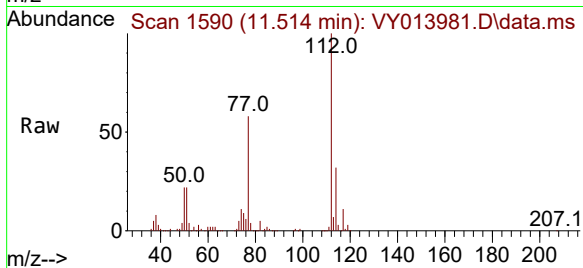
VY0602SBSD01

Tgt Ion:112 Resp: 148860

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.281 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

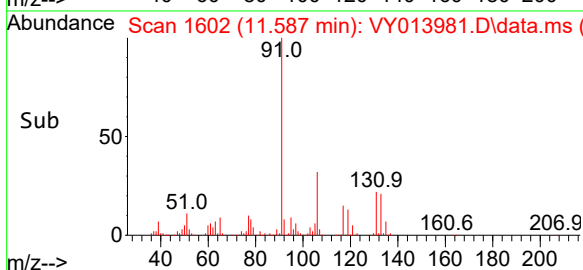
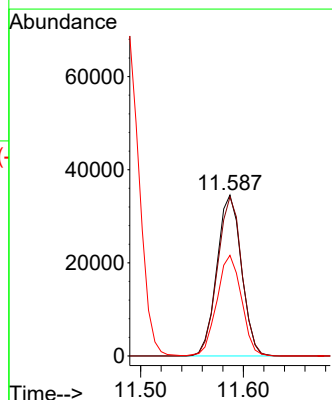
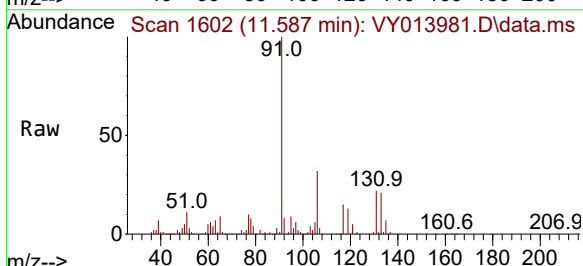
Tgt Ion:131 Resp: 57362

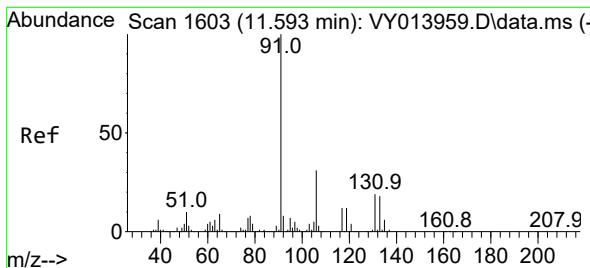
Ion Ratio Lower Upper

131 100

133 97.7 47.5 142.6

119 62.7 31.6 94.7





#67

Ethyl Benzene

Concen: 20.511 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

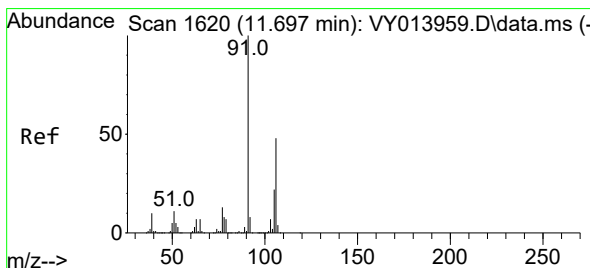
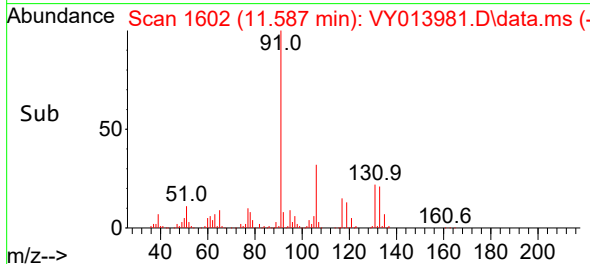
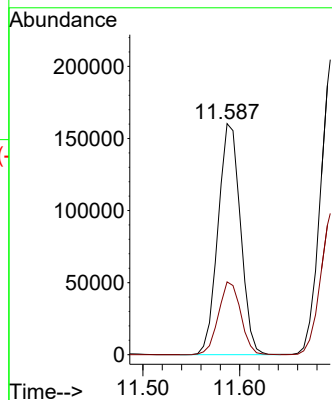
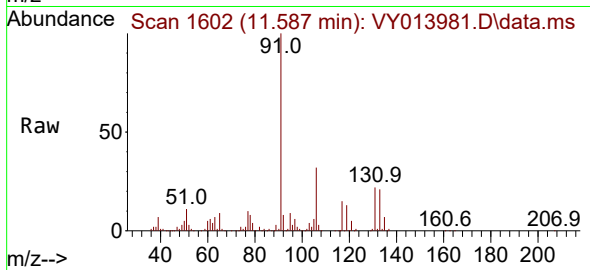
VY0602SBS01

Tgt Ion: 91 Resp: 257934

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 42.180 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY013981.D

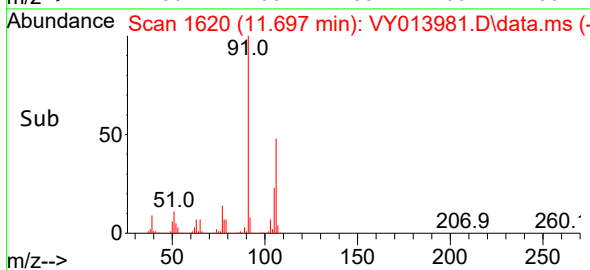
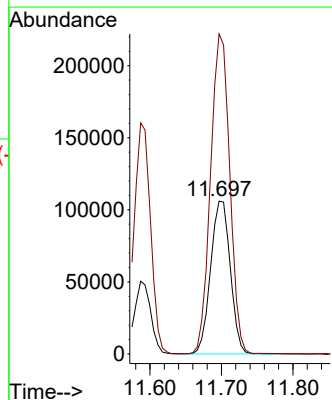
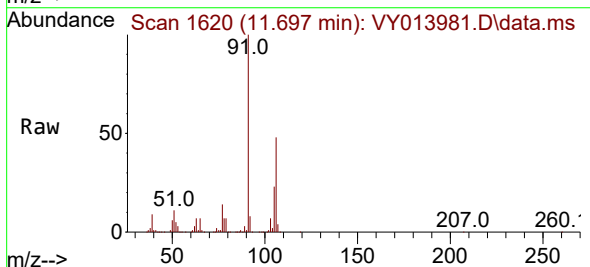
Acq: 02 Jun 2023 11:34

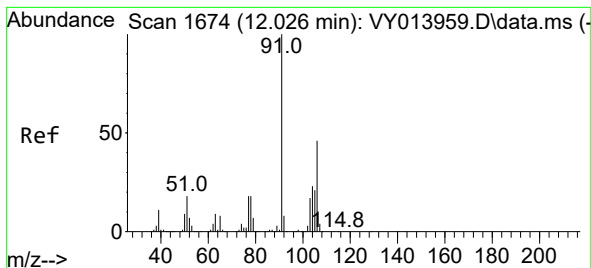
Tgt Ion:106 Resp: 202620

Ion Ratio Lower Upper

106 100

91 204.6 166.1 249.1





#69

o-Xylene

Concen: 20.036 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

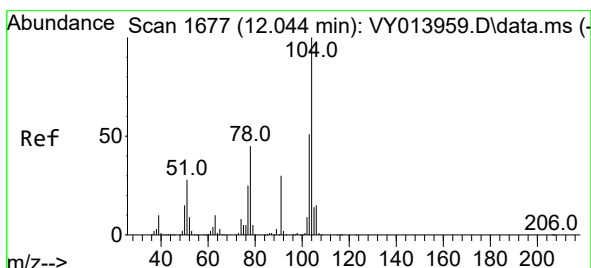
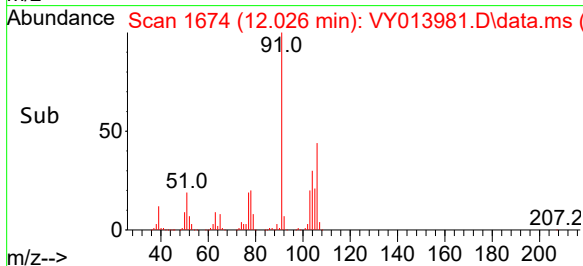
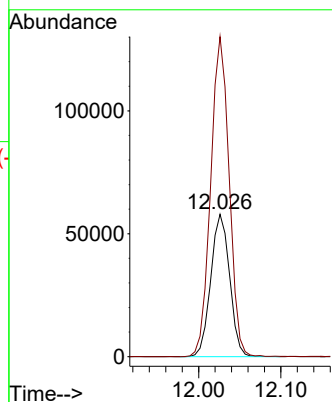
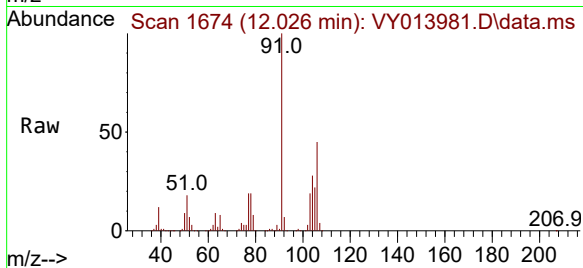
VY0602SBS01

Tgt Ion:106 Resp: 92226

Ion Ratio Lower Upper

106 100

91 220.7 108.1 324.3



#70

Styrene

Concen: 20.411 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

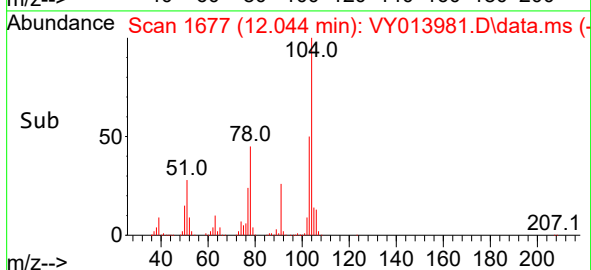
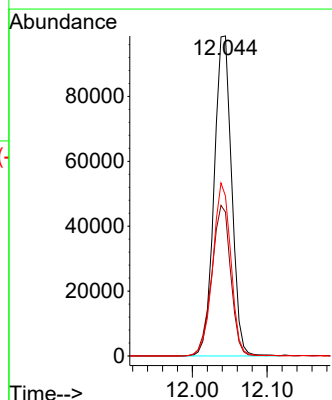
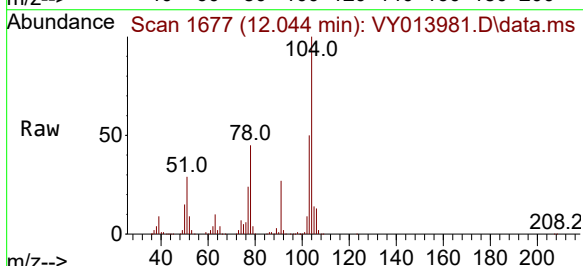
Tgt Ion:104 Resp: 161369

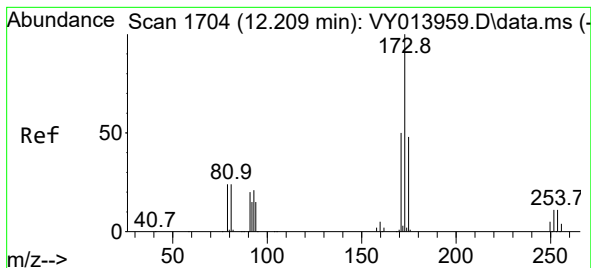
Ion Ratio Lower Upper

104 100

78 51.2 41.5 62.3

103 55.9 44.6 67.0





#71

Bromoform

Concen: 19.283 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

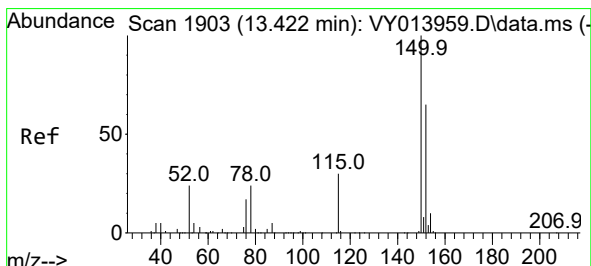
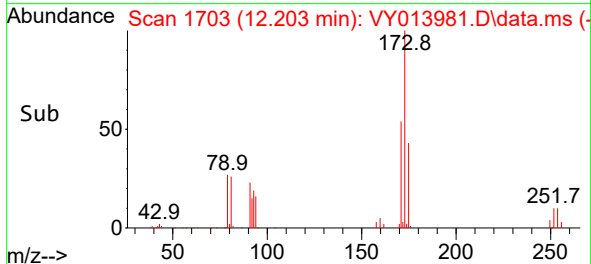
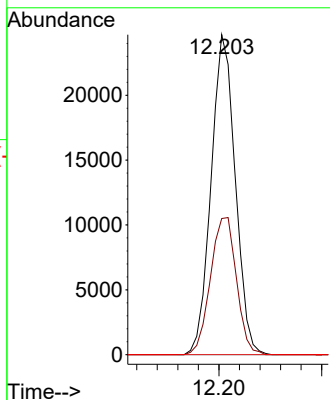
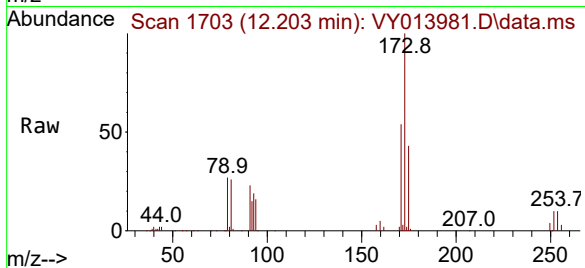
Tgt Ion:173 Resp: 40208

Ion Ratio Lower Upper

173 100

175 46.1 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

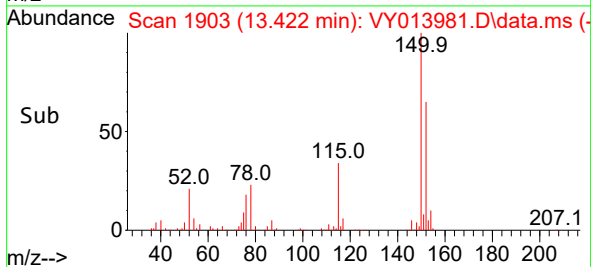
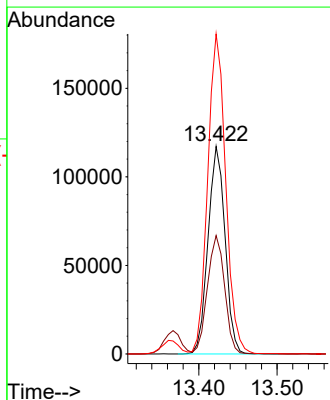
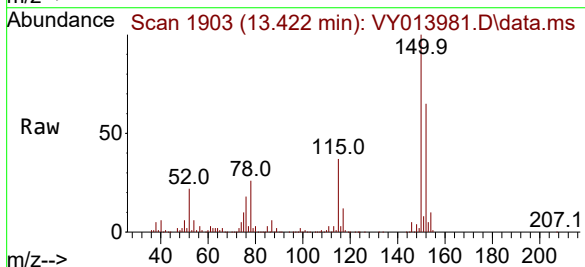
Tgt Ion:152 Resp: 177020

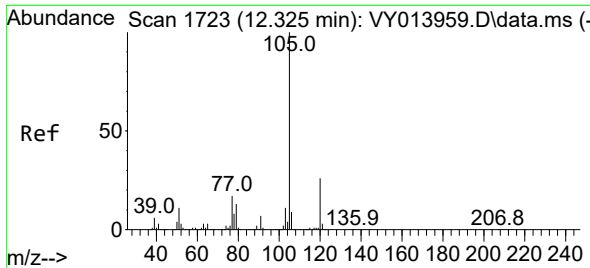
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 162.9 0.0 348.8

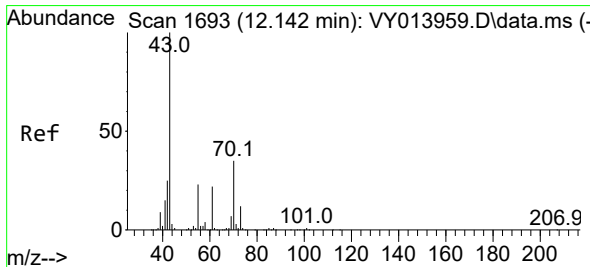
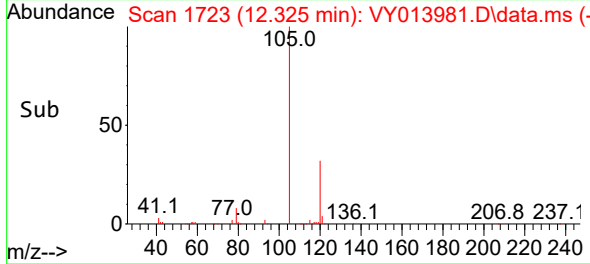
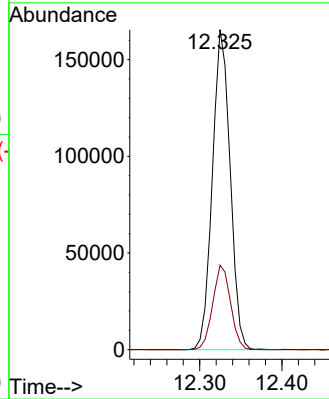
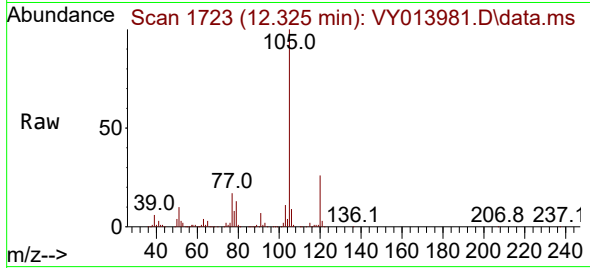




#73
Isopropylbenzene
Concen: 21.233 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

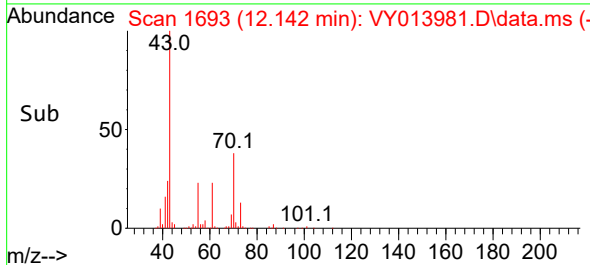
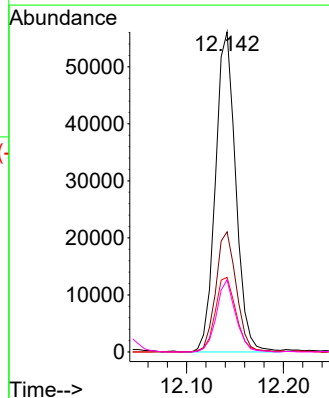
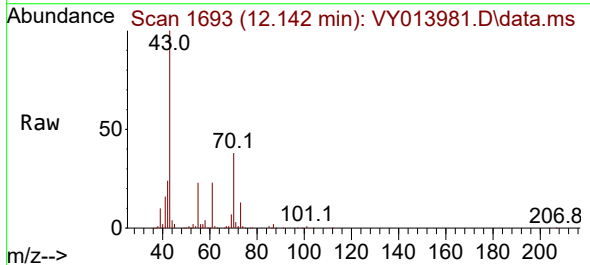
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

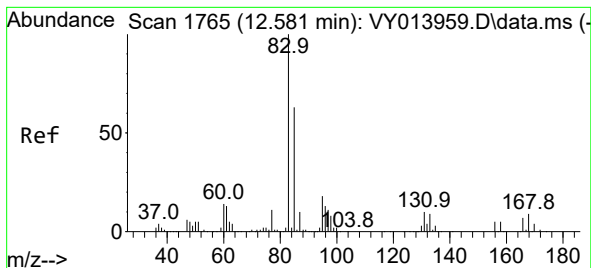
Tgt Ion:105 Resp: 248087
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 18.243 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 43 Resp: 81778
Ion Ratio Lower Upper
43 100
70 38.1 29.7 44.5
55 24.2 18.3 27.5
61 21.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.597 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

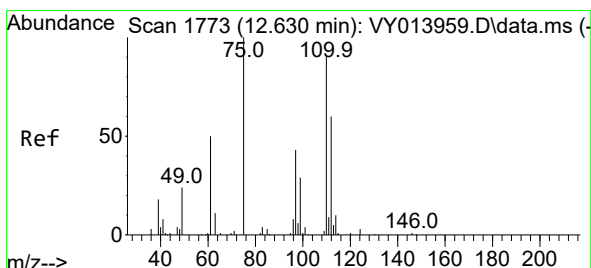
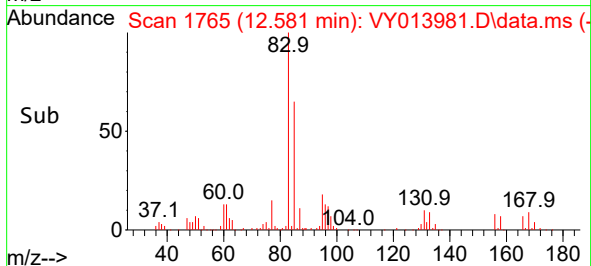
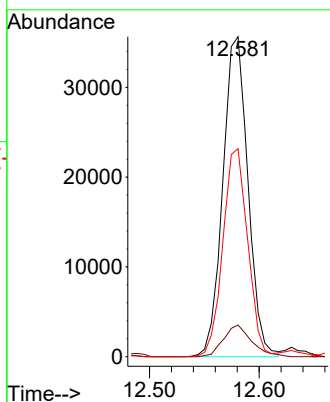
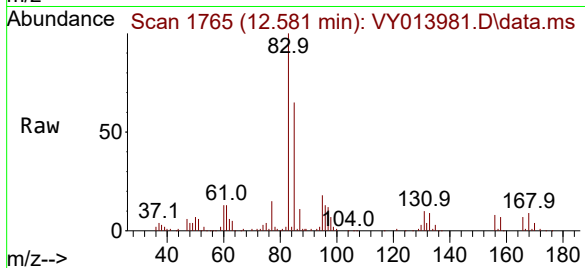
Tgt Ion: 83 Resp: 56791

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 32.604 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY013981.D

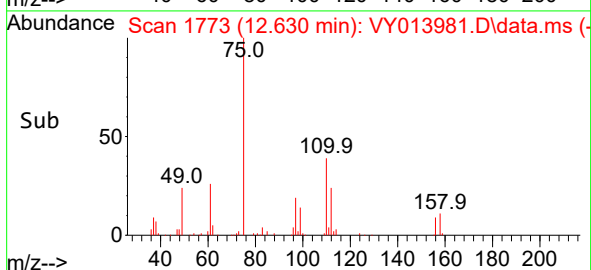
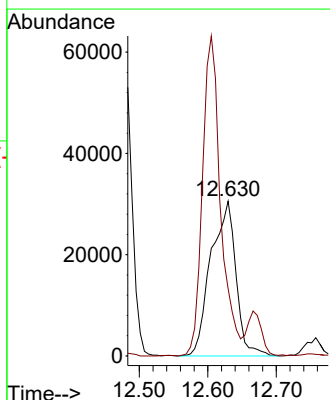
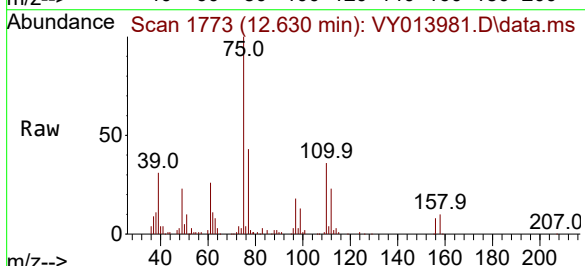
Acq: 02 Jun 2023 11:34

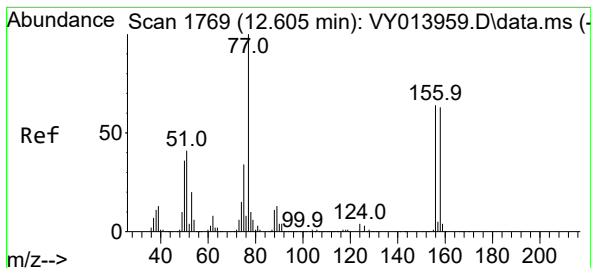
Tgt Ion: 75 Resp: 77667

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.286 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

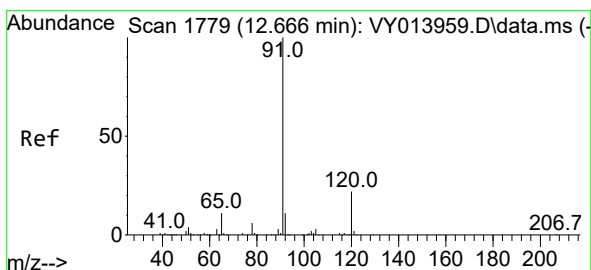
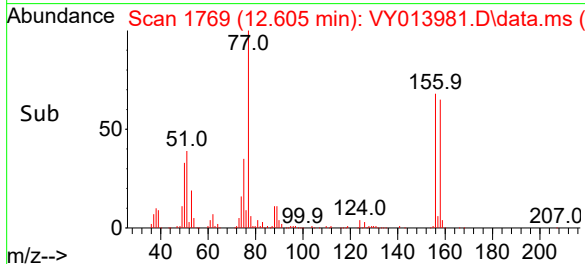
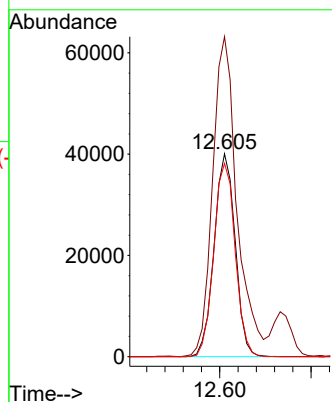
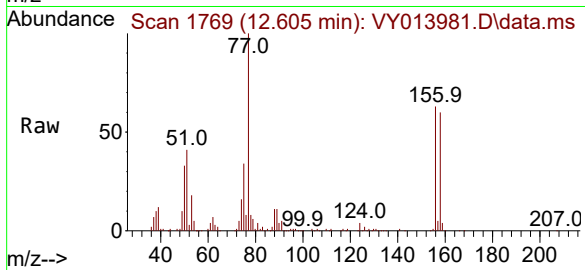
Tgt Ion:156 Resp: 64075

Ion Ratio Lower Upper

156 100

77 182.0 92.8 278.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 21.565 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY013981.D

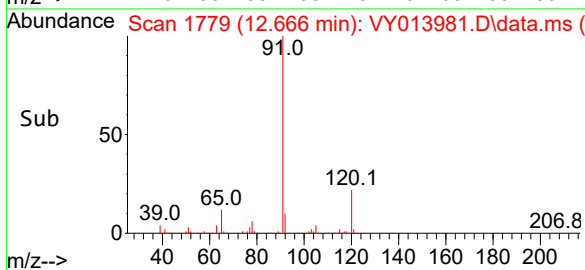
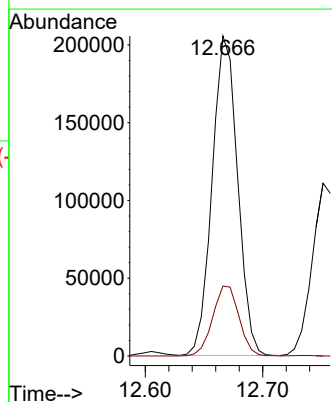
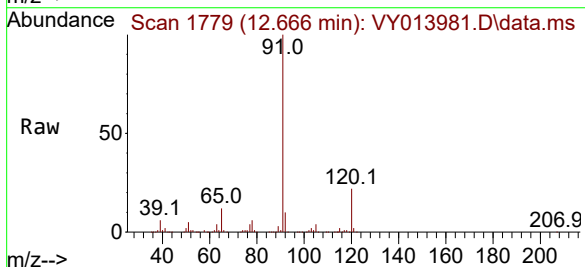
Acq: 02 Jun 2023 11:34

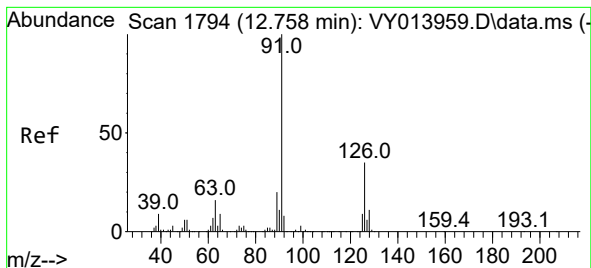
Tgt Ion: 91 Resp: 308811

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.437 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

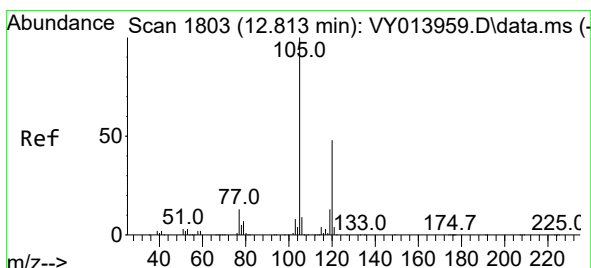
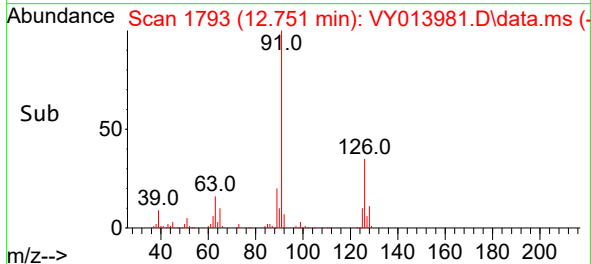
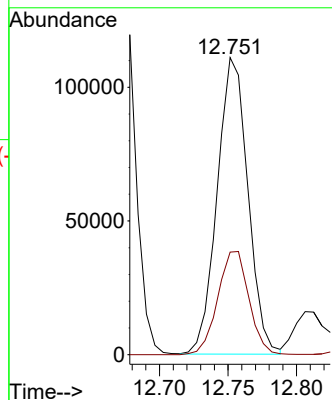
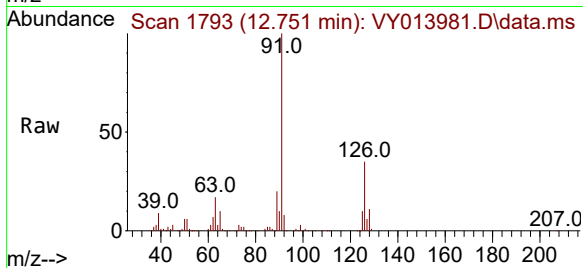
VY0602SBS01

Tgt Ion: 91 Resp: 173255

Ion Ratio Lower Upper

91 100

126 35.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 21.047 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013981.D

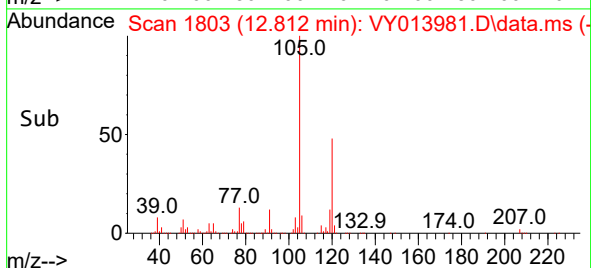
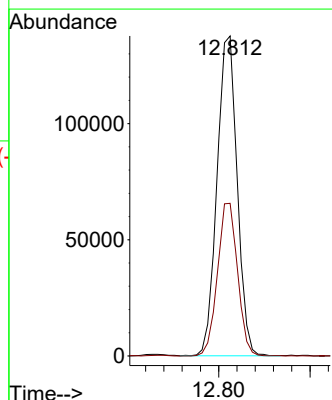
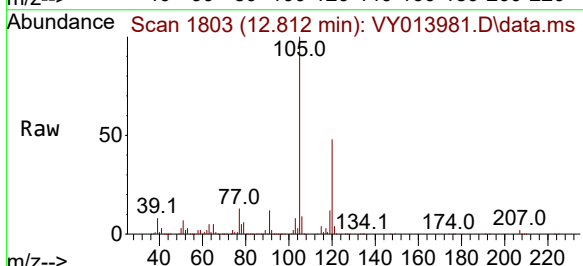
Acq: 02 Jun 2023 11:34

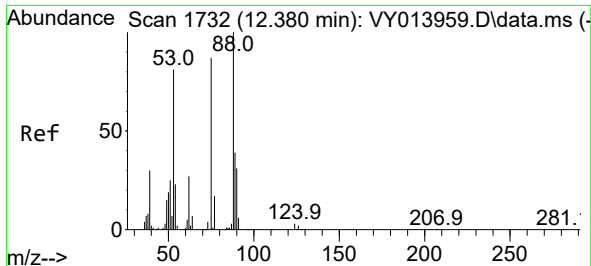
Tgt Ion:105 Resp: 210761

Ion Ratio Lower Upper

105 100

120 47.6 23.9 71.7

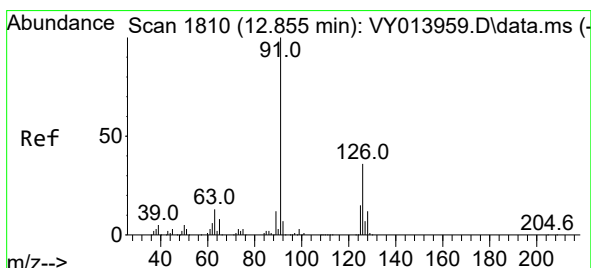
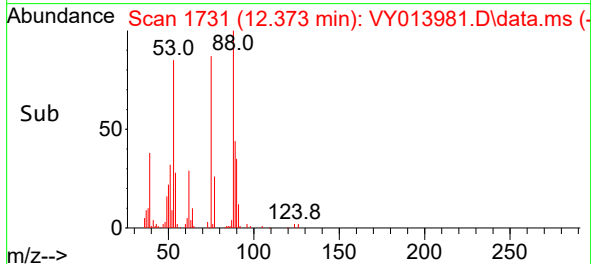
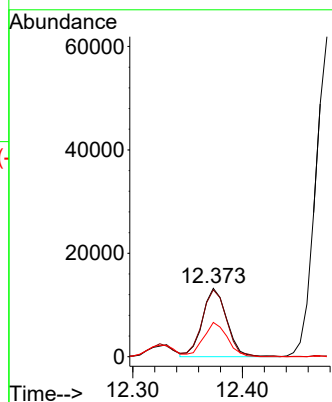
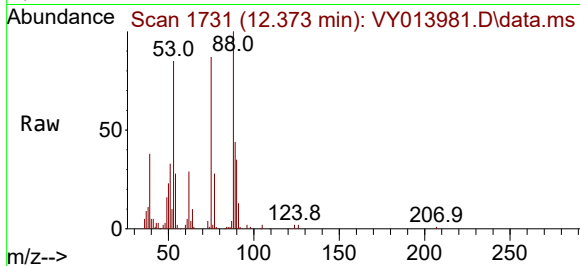




#81
trans-1,4-Dichloro-2-butene
Concen: 18.134 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

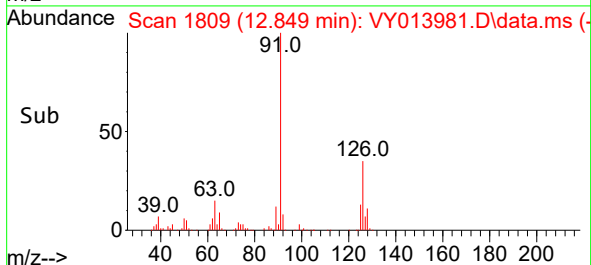
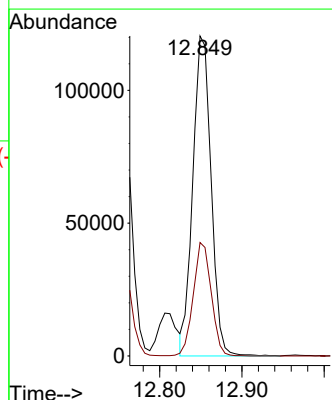
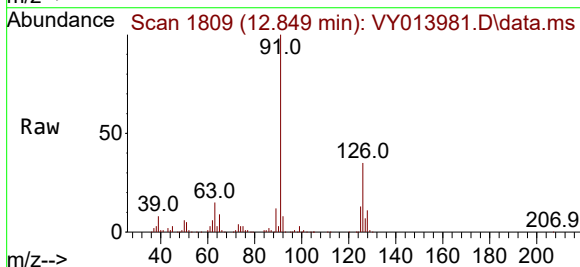
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

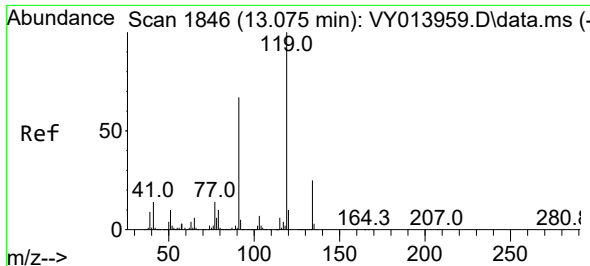
Tgt Ion: 75 Resp: 20362
Ion Ratio Lower Upper
75 100
53 97.2 77.8 116.8
89 49.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.889 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 91 Resp: 186242
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6

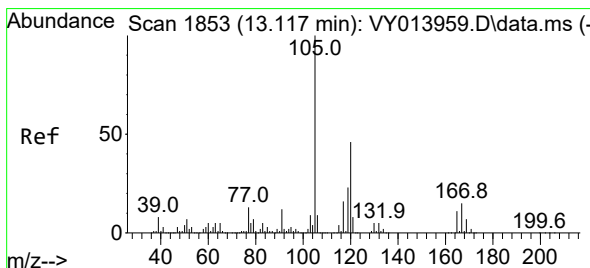
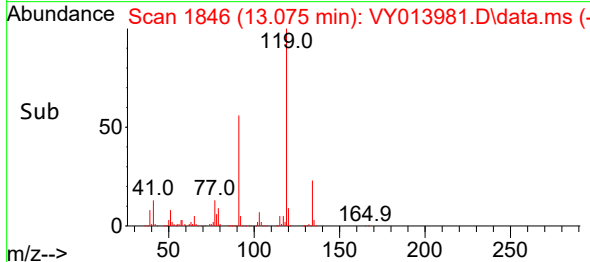
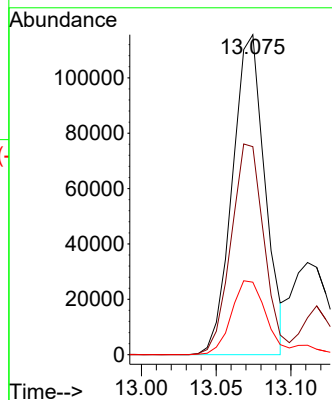
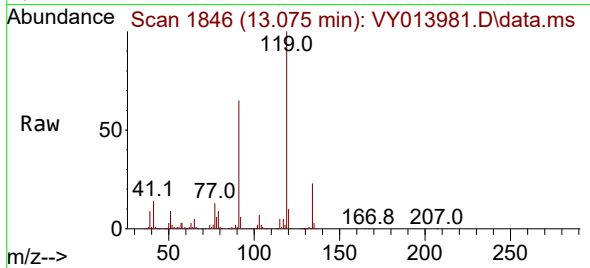




#83
tert-Butylbenzene
Concen: 20.899 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

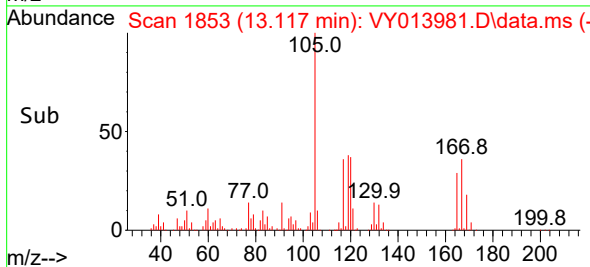
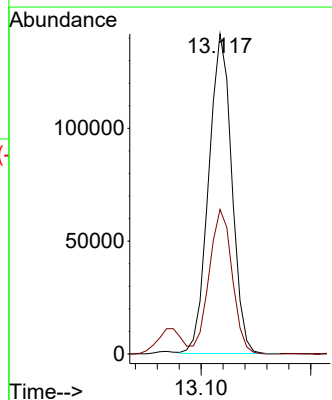
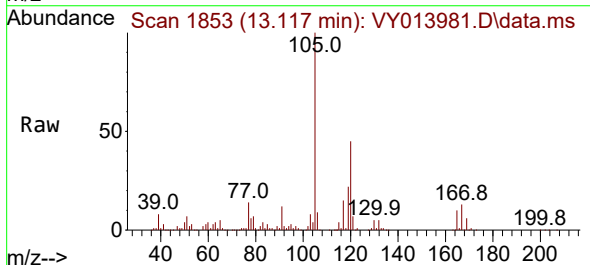
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

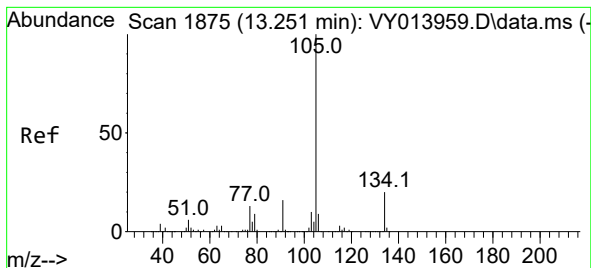
Tgt Ion:119 Resp: 175255
Ion Ratio Lower Upper
119 100
91 66.9 32.9 98.6
134 24.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.710 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion:105 Resp: 207141
Ion Ratio Lower Upper
105 100
120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.776 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

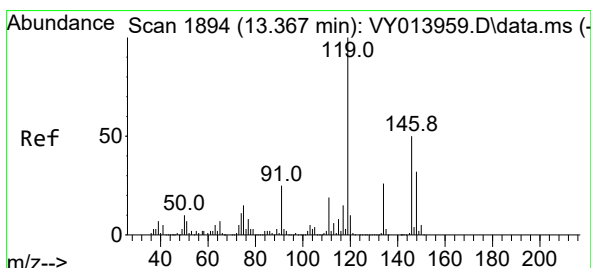
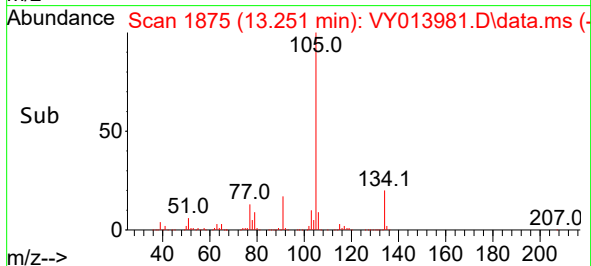
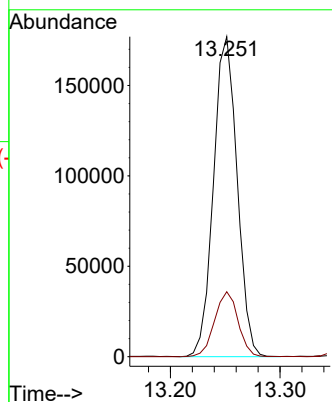
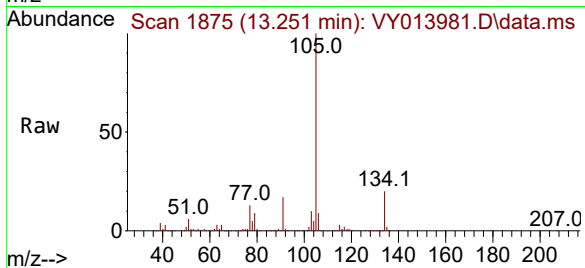
VY0602SBSD01

Tgt Ion:105 Resp: 265538

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.653 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

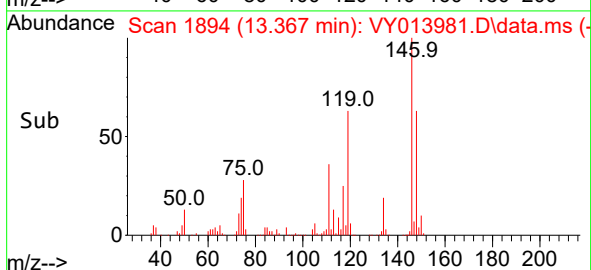
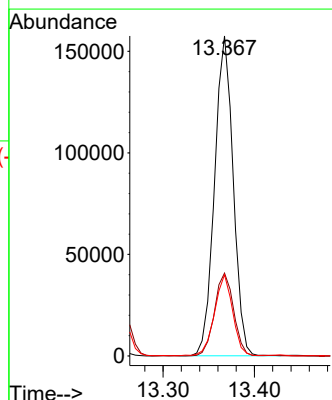
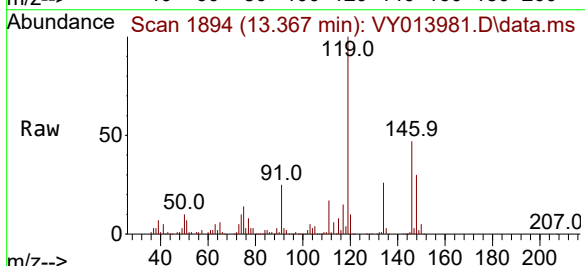
Tgt Ion:119 Resp: 222877

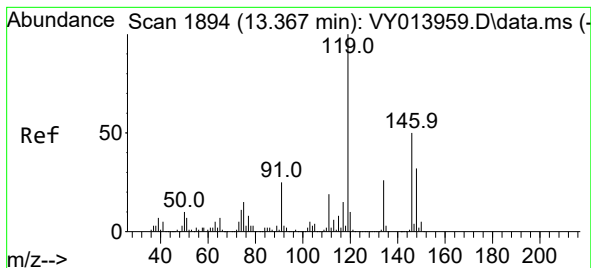
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 24.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.508 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

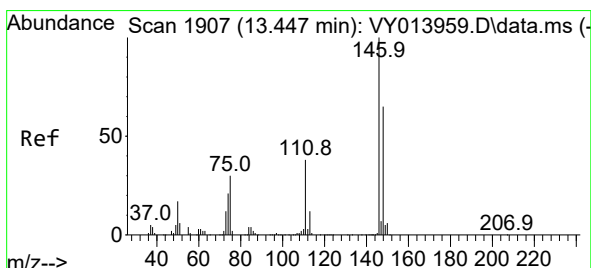
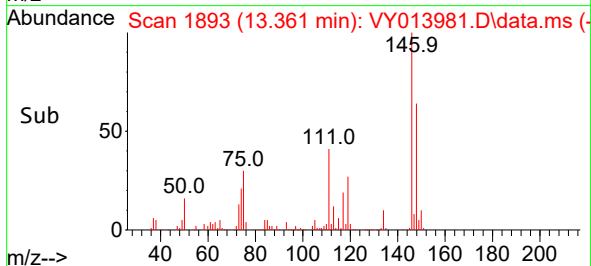
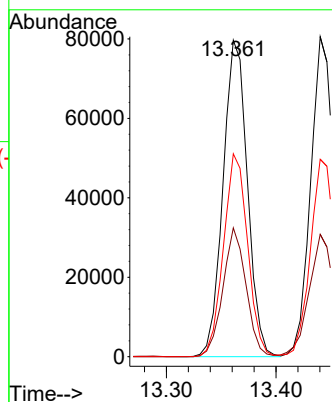
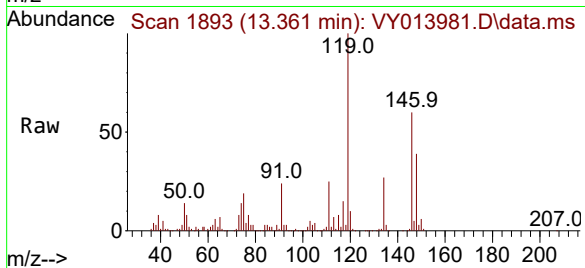
Tgt Ion:146 Resp: 123011

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.203 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

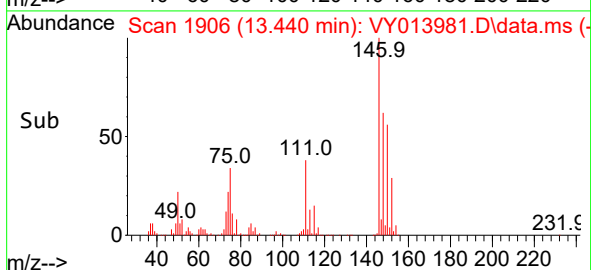
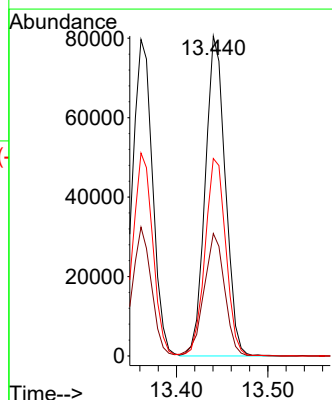
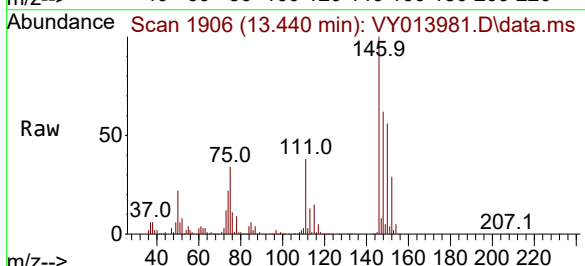
Tgt Ion:146 Resp: 122588

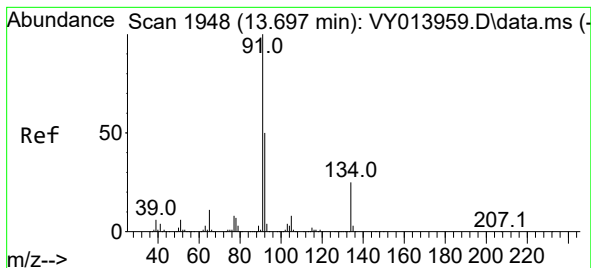
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 21.396 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

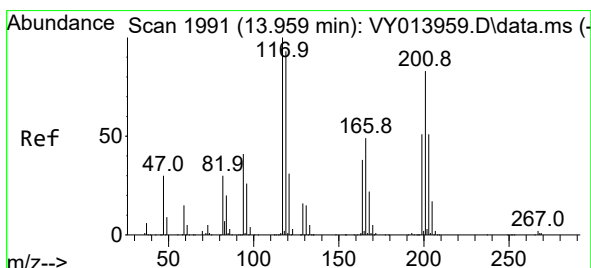
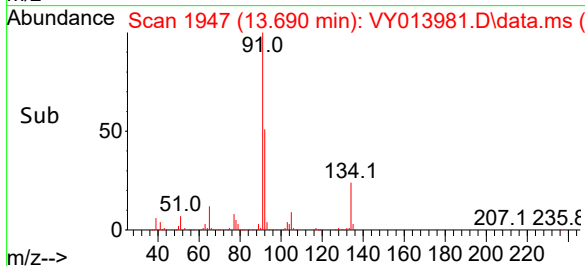
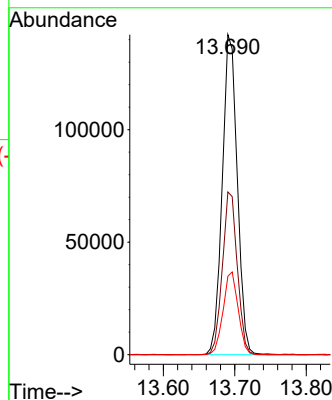
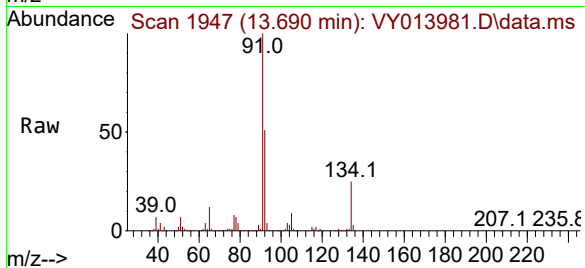
Tgt Ion: 91 Resp: 207806

Ion Ratio Lower Upper

91 100

92 50.4 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 20.843 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013981.D

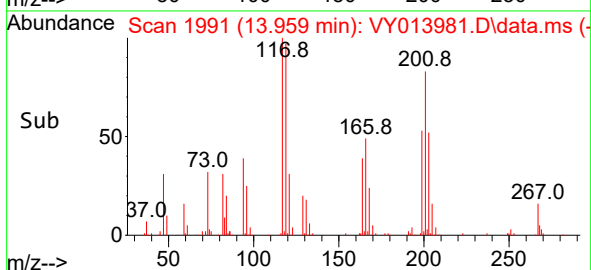
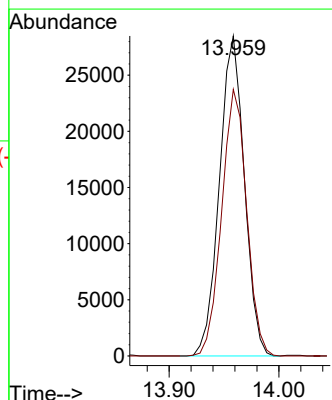
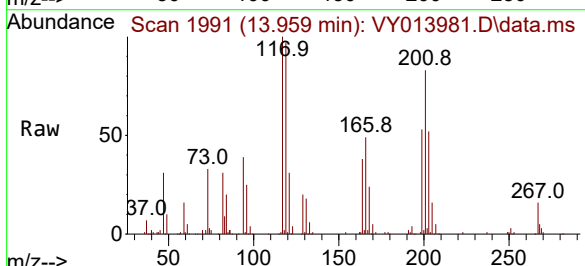
Acq: 02 Jun 2023 11:34

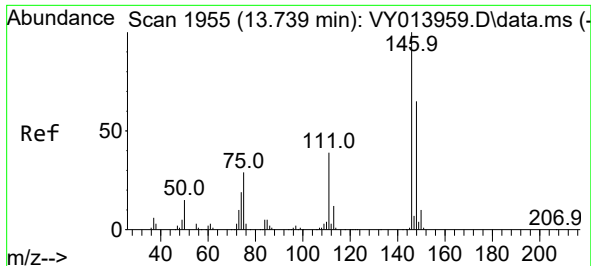
Tgt Ion: 117 Resp: 45027

Ion Ratio Lower Upper

117 100

201 83.3 41.6 124.8

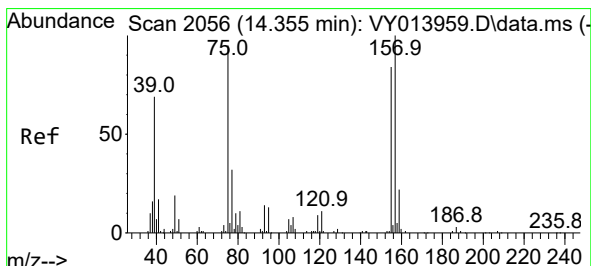
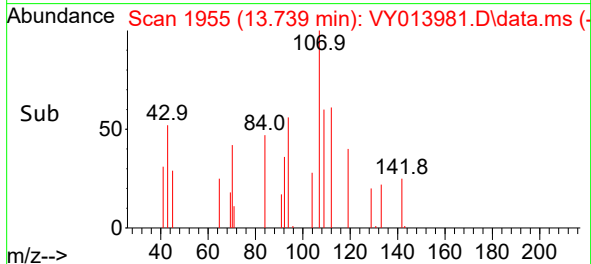
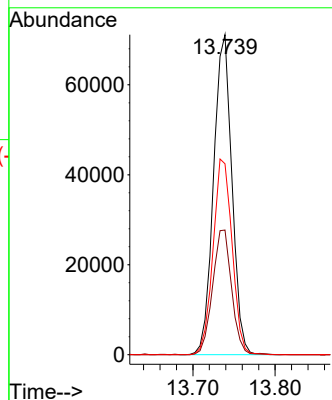
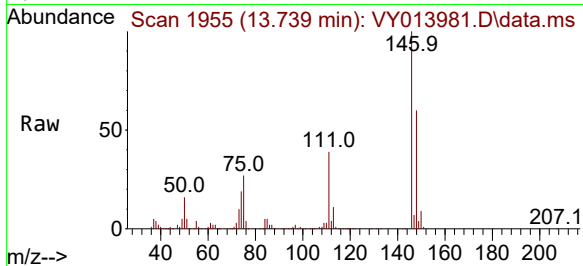




#91
1,2-Dichlorobenzene
Concen: 19.961 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

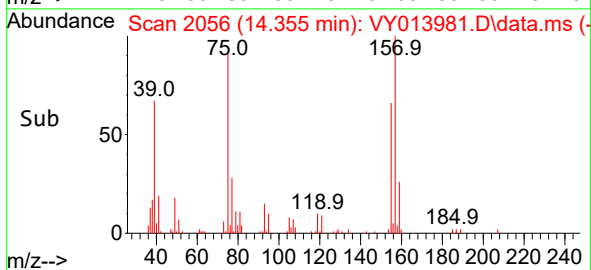
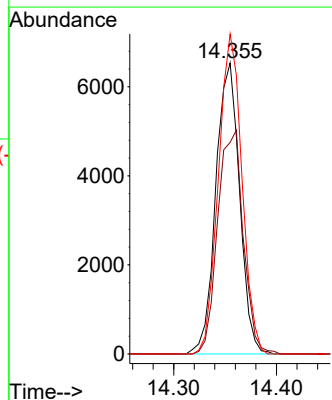
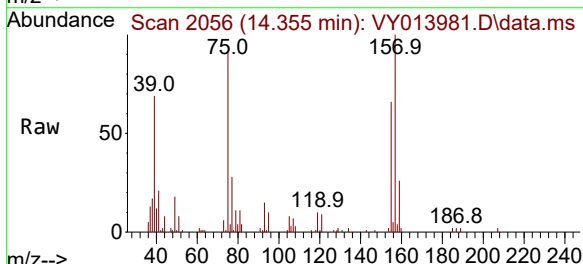
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

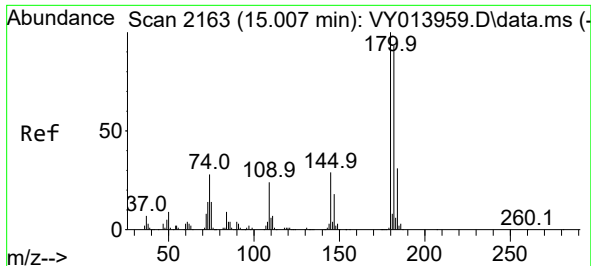
Tgt Ion:146 Resp: 110302
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 63.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.766 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013981.D
Acq: 02 Jun 2023 11:34

Tgt Ion: 75 Resp: 10464
Ion Ratio Lower Upper
75 100
155 82.8 41.5 124.6
157 109.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.258 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

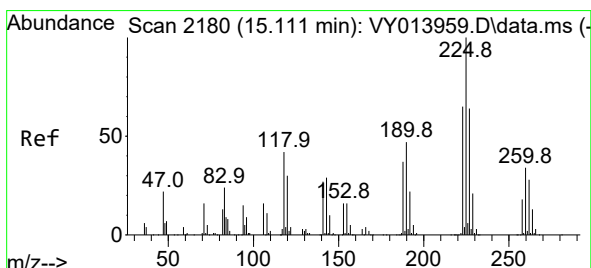
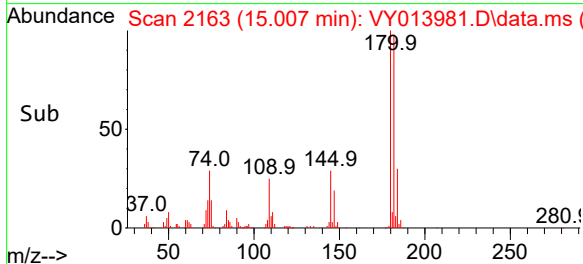
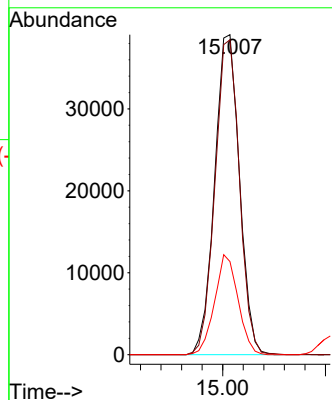
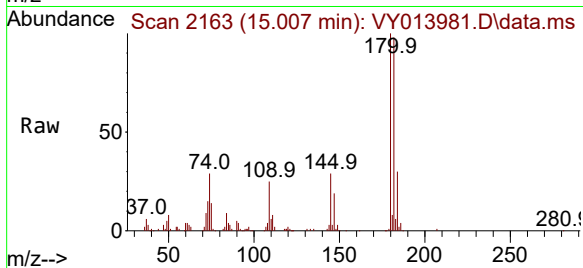
Tgt Ion:180 Resp: 65419

Ion Ratio Lower Upper

180 100

182 96.8 47.0 141.2

145 29.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.934 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

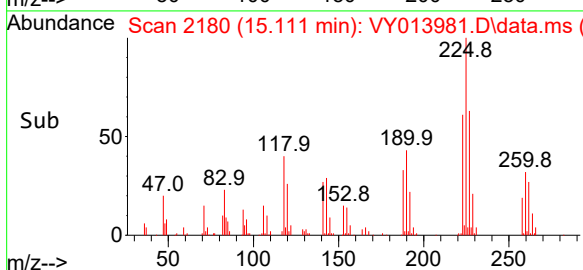
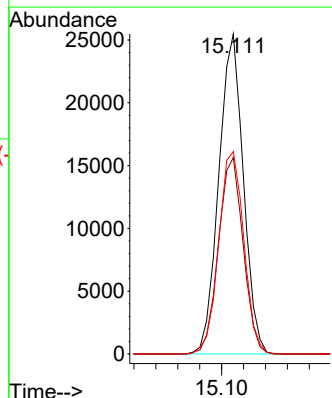
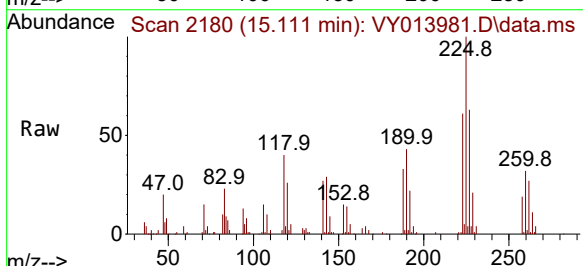
Tgt Ion:225 Resp: 39687

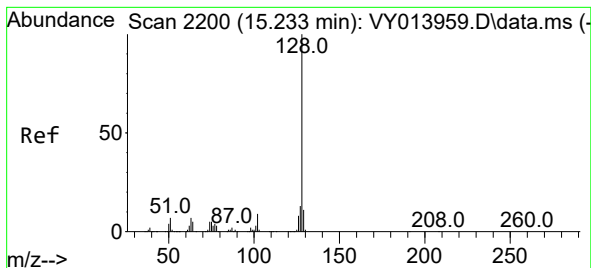
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.9

227 64.6 33.0 98.9





#95

Naphthalene

Concen: 18.226 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

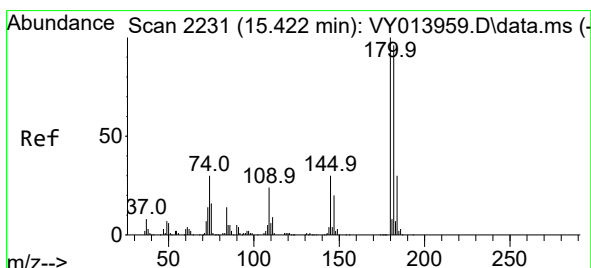
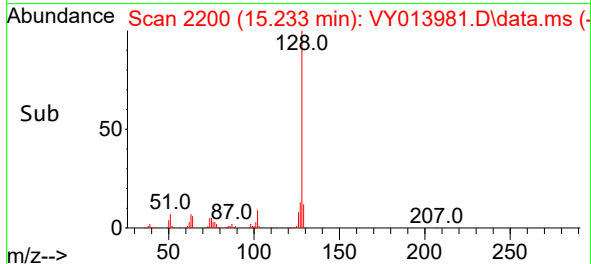
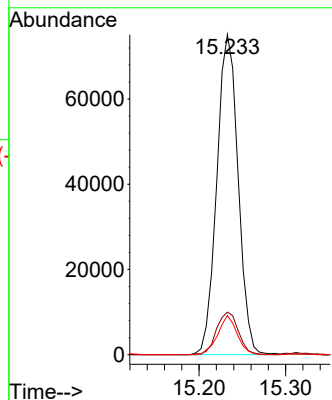
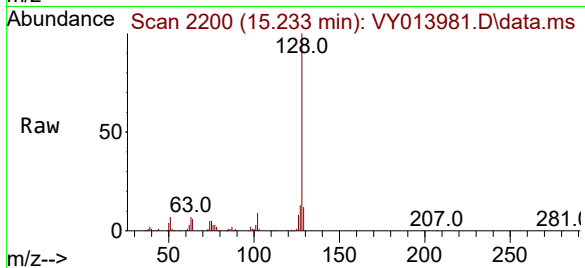
Tgt Ion:128 Resp: 128506

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.662 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013981.D

Acq: 02 Jun 2023 11:34

Tgt Ion:180 Resp: 57740

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

145 30.8 15.4 46.2

