

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013203.D
 Acq On : 05 Apr 2023 11:46
 Operator : KP/MD
 Sample : VY0405SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBS01

Quant Time: Apr 06 01:26:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	123205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	178042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66313	50.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.160%	
35) Dibromofluoromethane	7.710	113	59044	50.765	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.520%	
50) Toluene-d8	10.179	98	218621	49.790	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	12.477	95	76247	53.348	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21601	17.885	ug/l	98
3) Chloromethane	2.113	50	15479	12.290	ug/l	99
4) Vinyl Chloride	2.247	62	22672	17.954	ug/l	96
5) Bromomethane	2.637	94	16205	18.184	ug/l	94
6) Chloroethane	2.784	64	14786	18.692	ug/l	92
7) Trichlorofluoromethane	3.119	101	38715	17.226	ug/l	99
8) Diethyl Ether	3.527	74	13566	19.222	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	22951	18.523	ug/l	99
10) Methyl Iodide	4.082	142	26604	16.488	ug/l	99
11) Tert butyl alcohol	4.960	59	13638	114.282	ug/l	99
12) 1,1-Dichloroethene	3.863	96	21606	18.038	ug/l	99
13) Acrolein	3.723	56	16186	96.651	ug/l	99
14) Allyl chloride	4.472	41	40812	19.997	ug/l	99
15) Acrylonitrile	5.155	53	32122	91.596	ug/l	99
16) Acetone	3.942	43	40371	99.711	ug/l	97
17) Carbon Disulfide	4.186	76	66502	16.671	ug/l	97
18) Methyl Acetate	4.466	43	29011	22.741	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	60174	19.825	ug/l	91
20) Methylene Chloride	4.710	84	29468	17.604	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	23613	17.497	ug/l	95
22) Diisopropyl ether	6.112	45	64397	16.150	ug/l	95
23) Vinyl Acetate	6.057	43	193723	85.435	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	39283	16.635	ug/l	99
25) 2-Butanone	6.984	43	45443	89.762	ug/l	97
26) 2,2-Dichloropropane	6.978	77	40507	19.071	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	26443	18.187	ug/l	94
28) Bromochloromethane	7.332	49	15260	15.060	ug/l #	72
29) Tetrahydrofuran	7.338	42	26685	89.042	ug/l	88
30) Chloroform	7.502	83	45212	18.488	ug/l	98
31) Cyclohexane	7.783	56	33201	15.359	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	42987	19.882	ug/l	99
36) 1,1-Dichloropropene	7.911	75	32323	18.460	ug/l	96
37) Ethyl Acetate	7.069	43	18875	18.977	ug/l	99
38) Carbon Tetrachloride	7.899	117	40146	20.780	ug/l	99
39) Methylcyclohexane	9.179	83	36967	17.996	ug/l	97
40) Benzene	8.155	78	94064	18.600	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	26076	59.094	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	32424	20.926	ug/l	99
43) Isopropyl Acetate	8.270	43	33255	18.678	ug/l	96
44) Trichloroethene	8.935	130	28019	20.126	ug/l	95
45) 1,2-Dichloropropane	9.215	63	21929	17.316	ug/l	99
46) Dibromomethane	9.301	93	14516	19.954	ug/l	91
47) Bromodichloromethane	9.496	83	34367	19.579	ug/l #	98
48) Methyl methacrylate	9.289	41	14796	17.844	ug/l	84
49) 1,4-Dioxane	9.295	88	3896	450.172	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	92259	96.016	ug/l	95
52) Toluene	10.240	92	61569	19.626	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	35633	19.860	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	39200	19.130	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	20604	20.489	ug/l	99
56) Ethyl methacrylate	10.508	69	25715	20.339	ug/l	95
57) 1,3-Dichloropropane	10.788	76	33099	19.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	60499	102.336	ug/l	91
59) 2-Hexanone	10.831	43	69249	99.650	ug/l	95
60) Dibromochloromethane	10.983	129	27036	21.406	ug/l	100
61) 1,2-Dibromoethane	11.087	107	20037	20.565	ug/l	100
64) Tetrachloroethene	10.715	164	26060	20.633	ug/l	99
65) Chlorobenzene	11.514	112	68785	19.722	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	26761	20.467	ug/l	98
67) Ethyl Benzene	11.593	91	118477	19.668	ug/l	97
68) m/p-Xylenes	11.697	106	95099	40.812	ug/l	98
69) o-Xylene	12.026	106	45034	20.836	ug/l	95
70) Styrene	12.044	104	75084	20.767	ug/l	98
71) Bromoform	12.203	173	18892	23.301	ug/l #	97
73) Isopropylbenzene	12.325	105	117871	19.110	ug/l	99
74) N-amyl acetate	12.142	43	29907	17.660	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	24194	18.726	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	32394	32.271	ug/l #	100
77) Bromobenzene	12.605	156	30905	20.153	ug/l	89
78) n-propylbenzene	12.666	91	141321	18.635	ug/l	97
79) 2-Chlorotoluene	12.751	91	79429	18.457	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	100848	19.556	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	8977	19.944	ug/l	98
82) 4-Chlorotoluene	12.849	91	84653	18.901	ug/l	98
83) tert-Butylbenzene	13.075	119	91438	20.644	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	100631	19.927	ug/l	98
85) sec-Butylbenzene	13.251	105	129919	19.426	ug/l	99
86) p-Isopropyltoluene	13.367	119	111697	20.288	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	60707	19.970	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	60967	20.015	ug/l	99
89) n-Butylbenzene	13.690	91	97169	18.879	ug/l	98
90) Hexachloroethane	13.958	117	21403	18.661	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	55160	20.318	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	4509	20.973	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	33471	21.142	ug/l	98
94) Hexachlorobutadiene	15.111	225	21161	21.733	ug/l	99
95) Naphthalene	15.233	128	64603	21.253	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	30308	21.729	ug/l	99

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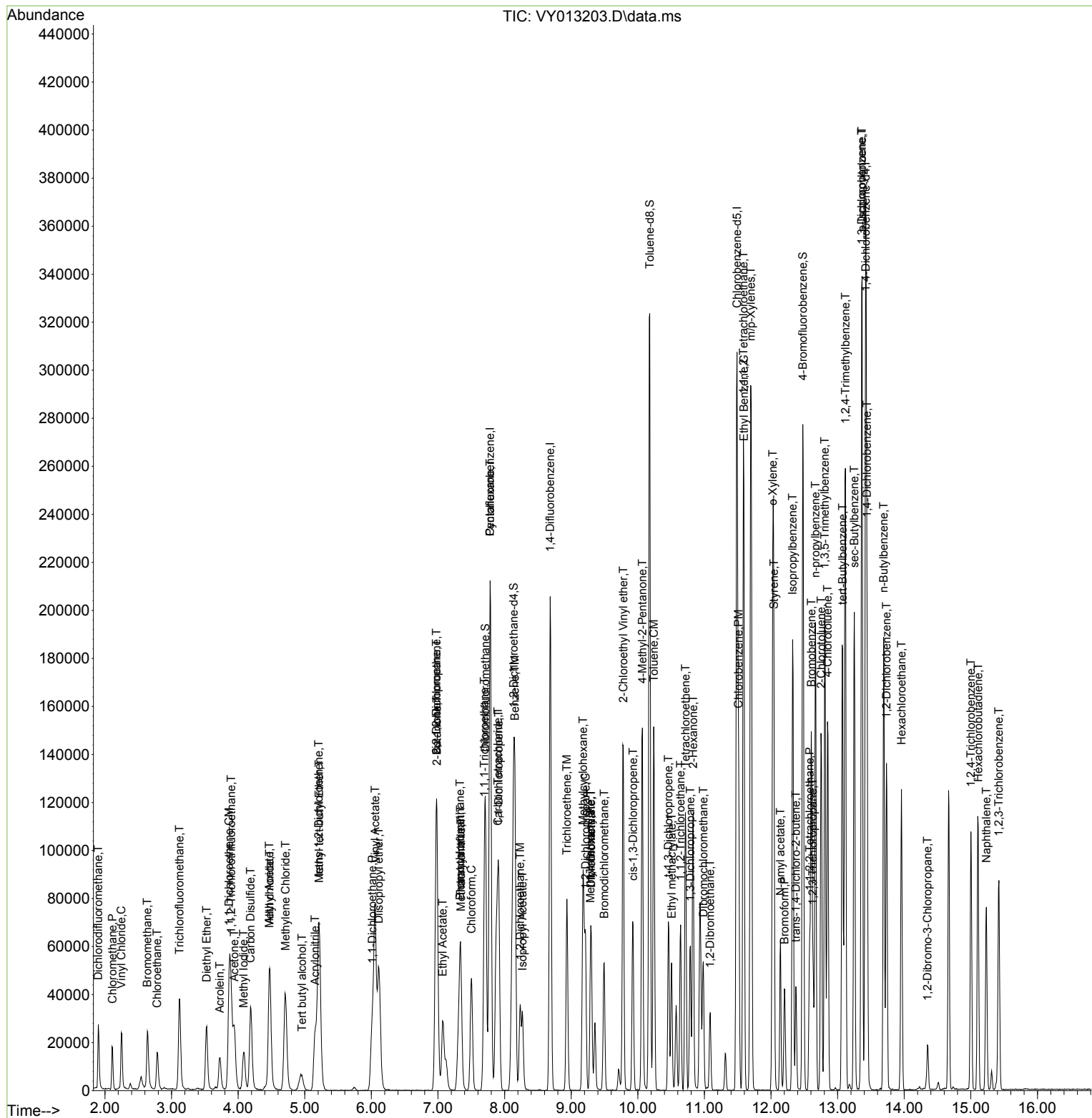
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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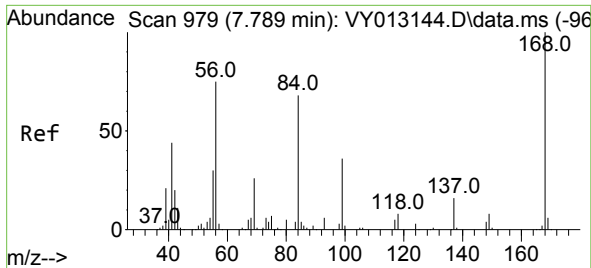
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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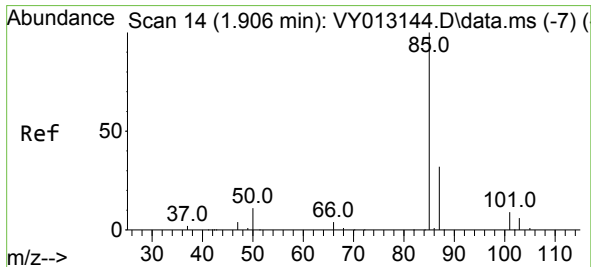
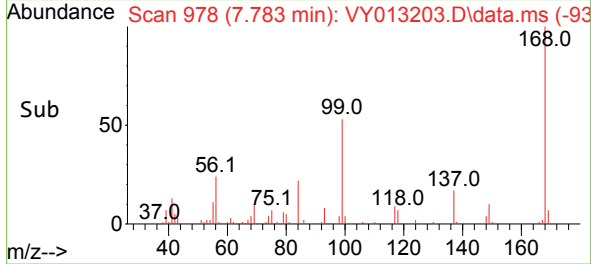
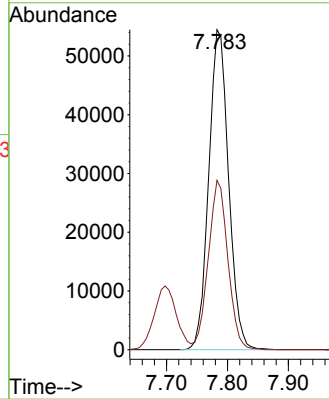
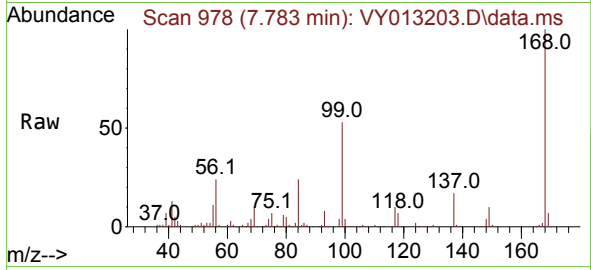




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013203.D
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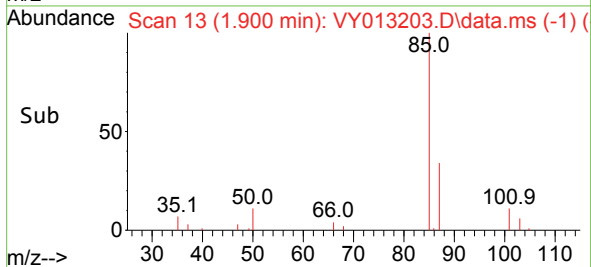
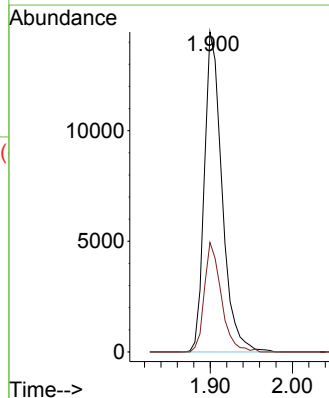
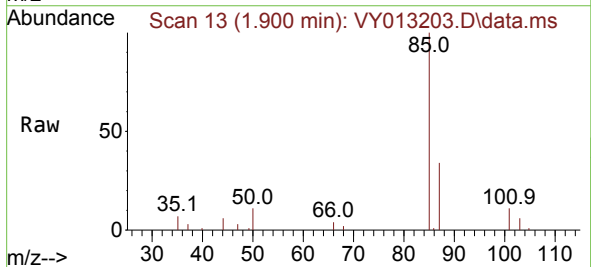
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

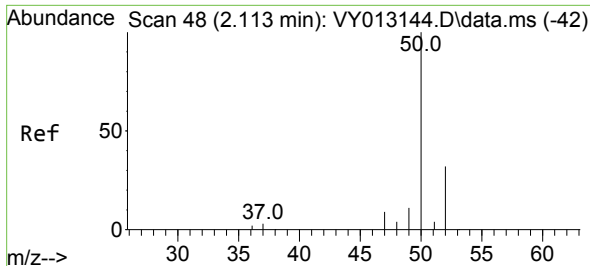
Tgt Ion:168 Resp: 123205
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 17.885 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 85 Resp: 21601
Ion Ratio Lower Upper
85 100
87 34.2 16.7 50.0

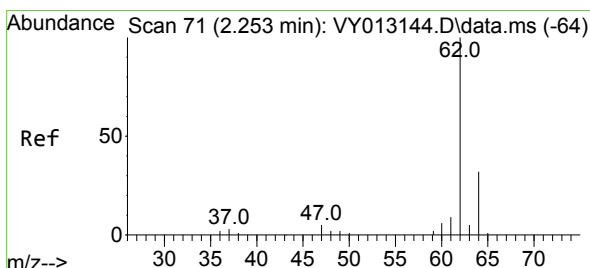
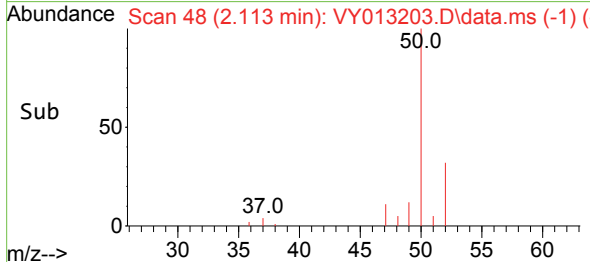
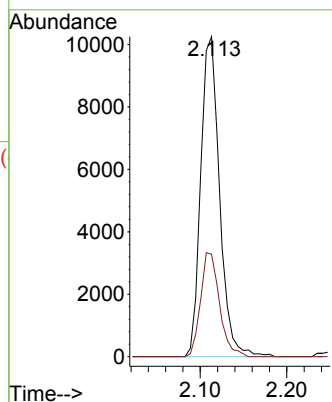
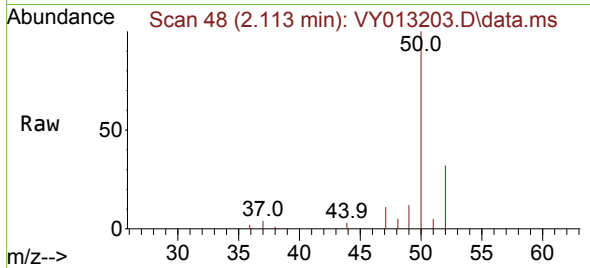




#3
Chloromethane
Concen: 12.290 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

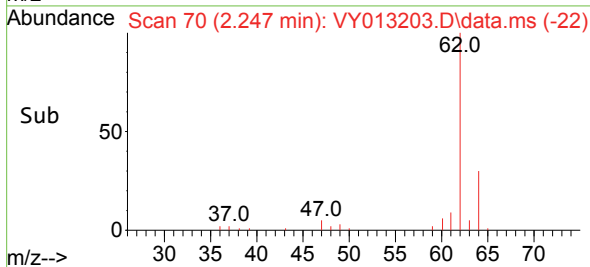
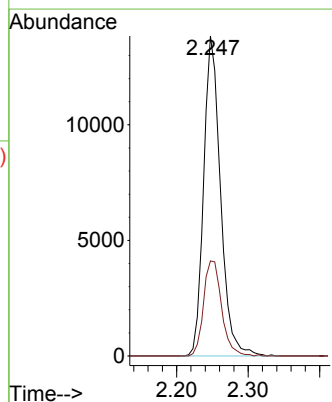
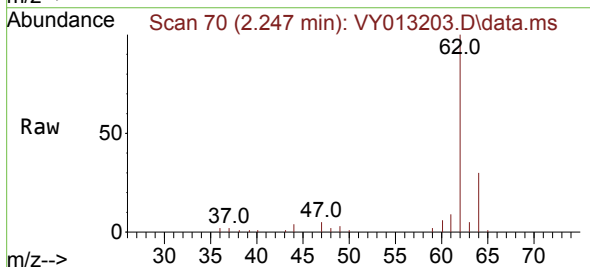
Instrument :
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ClientSampleId :
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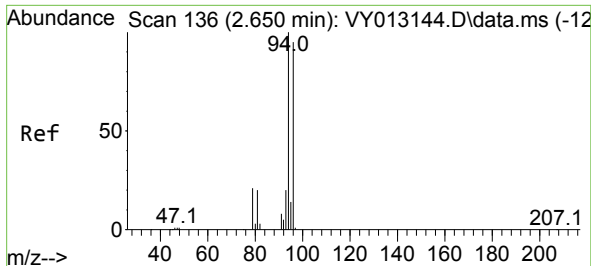
Tgt Ion: 50 Resp: 15479
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0



#4
Vinyl Chloride
Concen: 17.954 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 62 Resp: 22672
Ion Ratio Lower Upper
62 100
64 29.7 25.6 38.4

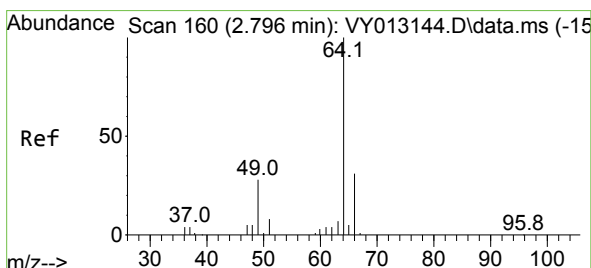
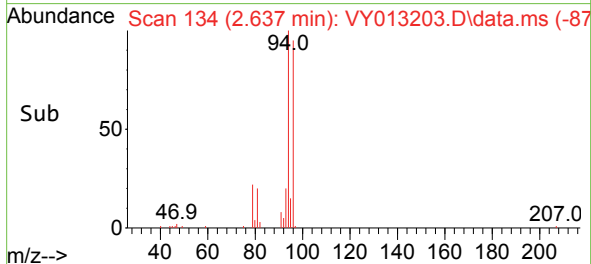
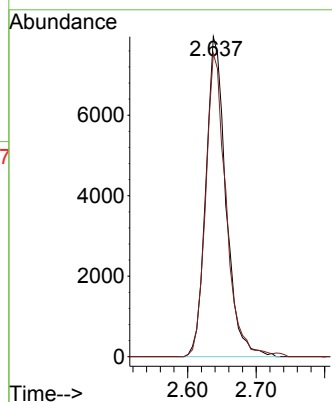
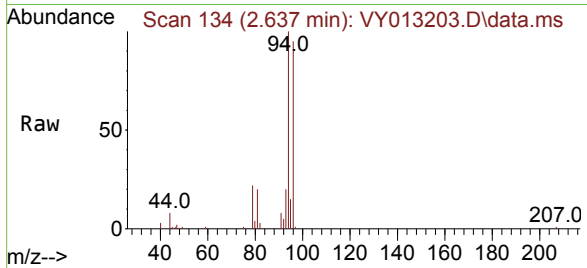




#5
Bromomethane
Concen: 18.184 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

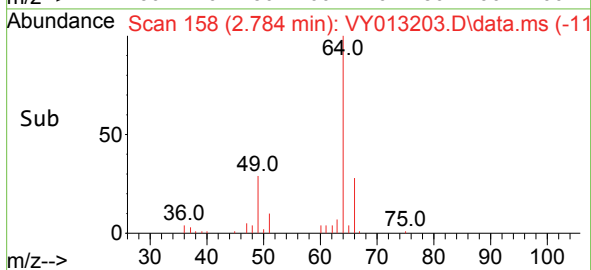
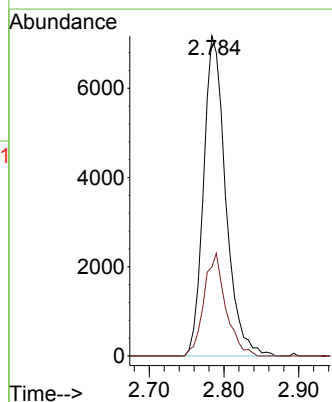
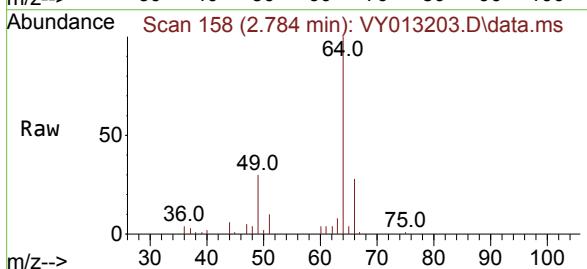
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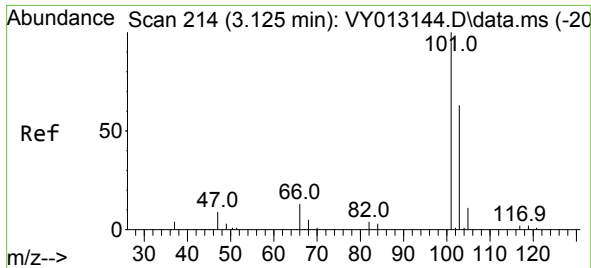
Tgt Ion: 94 Resp: 16205
Ion Ratio Lower Upper
94 100
96 94.8 80.3 120.5



#6
Chloroethane
Concen: 18.692 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY013203.D
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Tgt Ion: 64 Resp: 14786
Ion Ratio Lower Upper
64 100
66 27.8 25.7 38.5

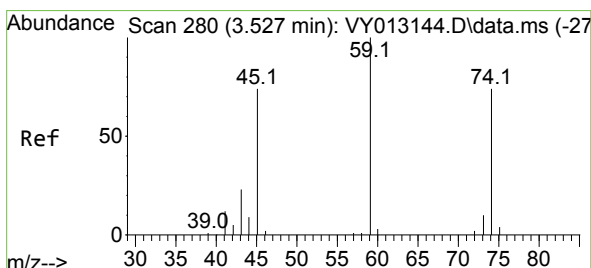
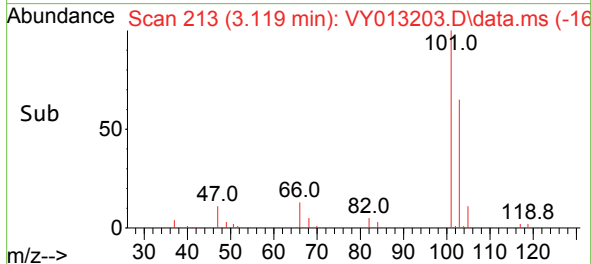
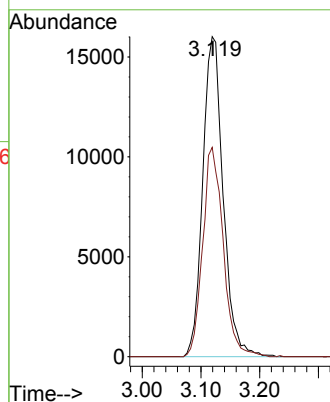
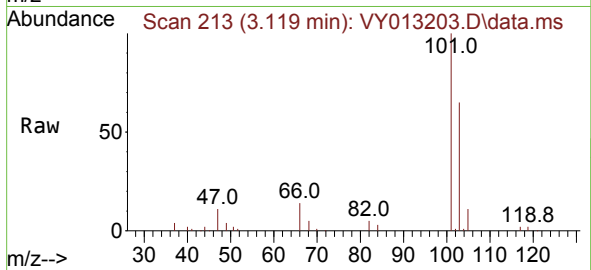




#7
Trichlorofluoromethane
Concen: 17.226 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

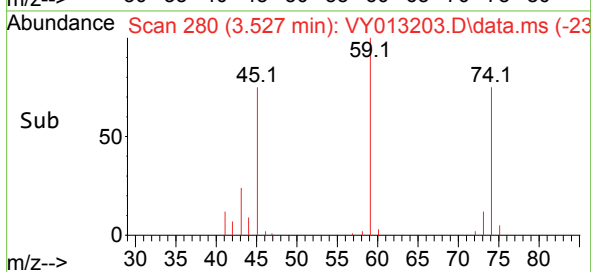
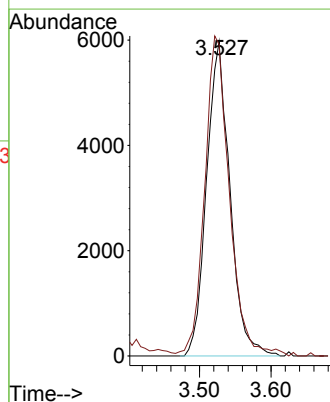
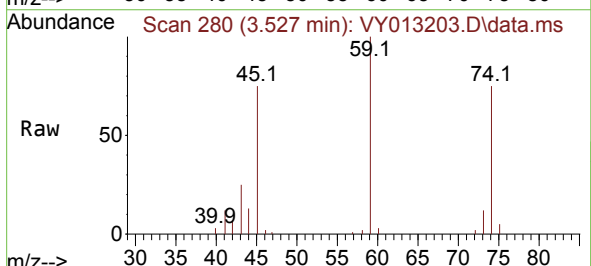
Instrument :
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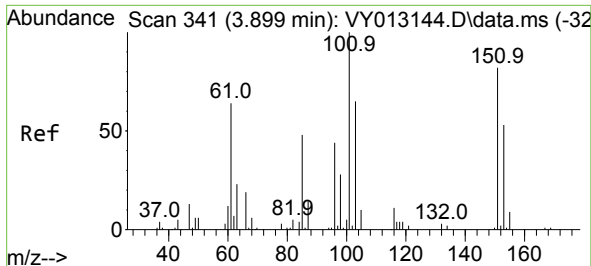
Tgt Ion:101 Resp: 38715
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3



#8
Diethyl Ether
Concen: 19.222 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013203.D
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Tgt Ion: 74 Resp: 13566
Ion Ratio Lower Upper
74 100
45 107.6 52.1 156.4

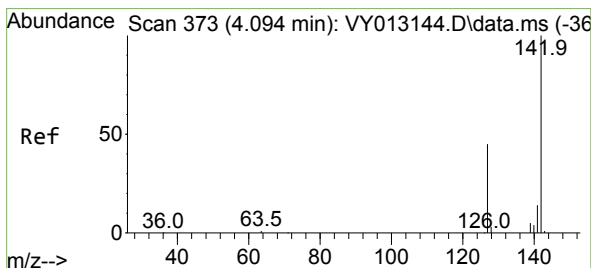
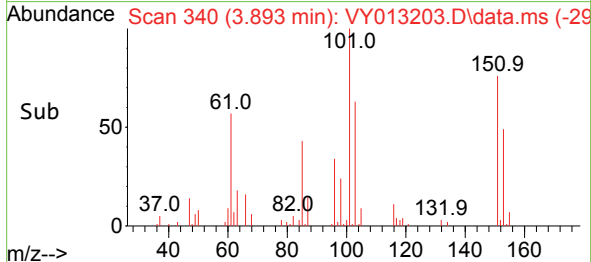
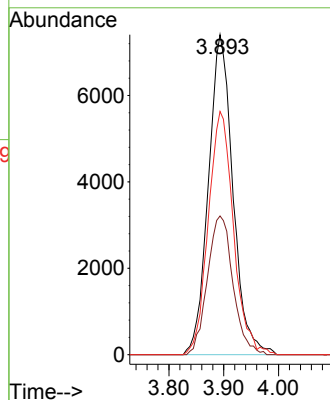
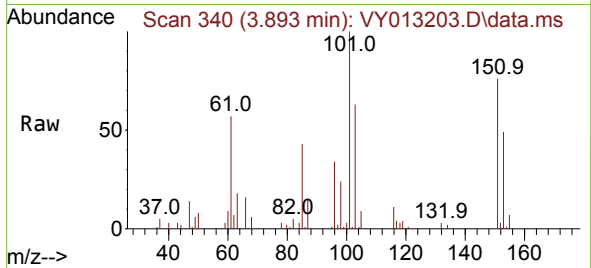




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.523 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

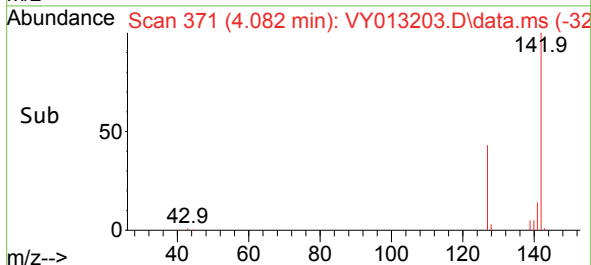
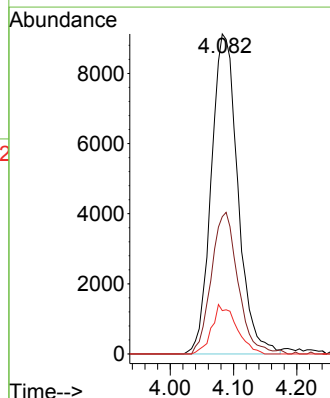
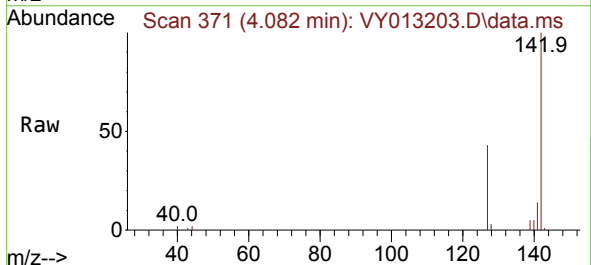
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

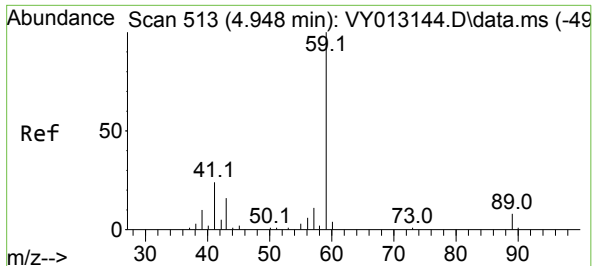
Tgt Ion:101 Resp: 22951
Ion Ratio Lower Upper
101 100
85 45.1 35.3 52.9
151 78.3 63.1 94.7



#10
Methyl Iodide
Concen: 16.488 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion:142 Resp: 26604
Ion Ratio Lower Upper
142 100
127 44.6 35.4 53.2
141 14.4 11.3 16.9

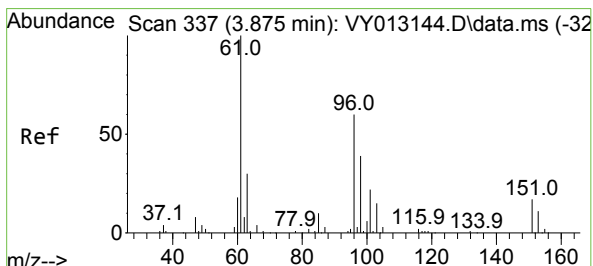
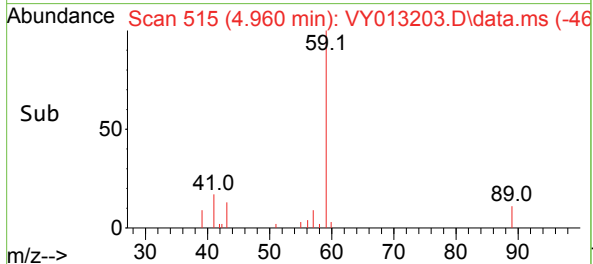
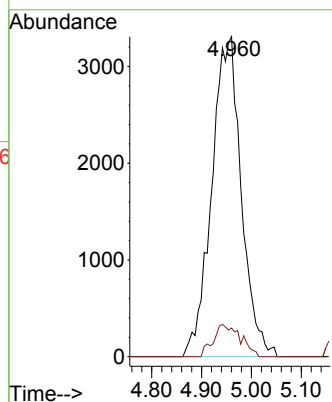
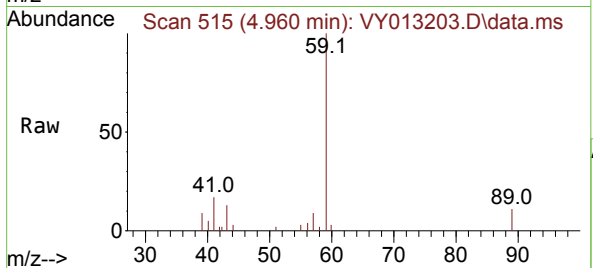




#11
Tert butyl alcohol
Concen: 114.282 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

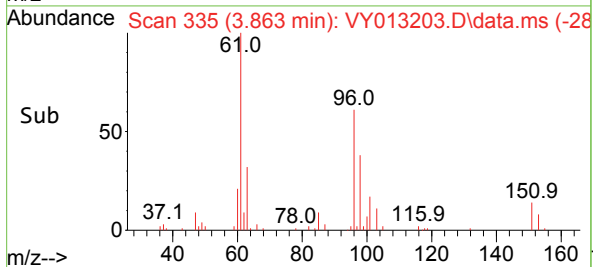
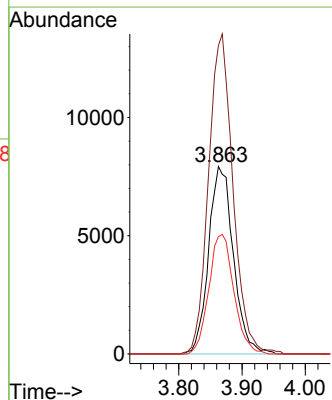
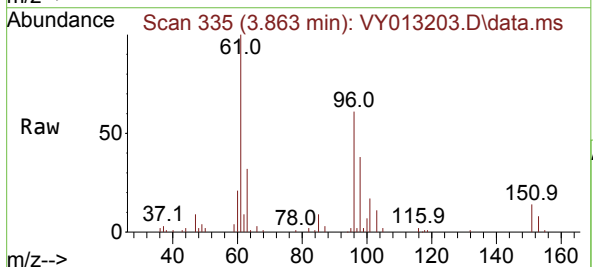
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

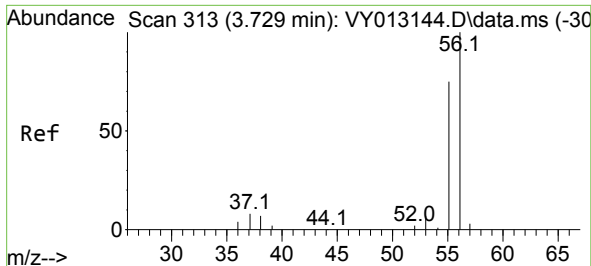
Tgt Ion: 59 Resp: 13638
Ion Ratio Lower Upper
59 100
57 9.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 18.038 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 96 Resp: 21606
Ion Ratio Lower Upper
96 100
61 164.5 131.7 197.5
98 62.5 52.0 78.0





#13

Acrolein

Concen: 96.651 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

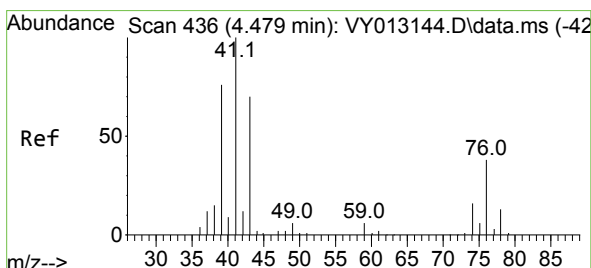
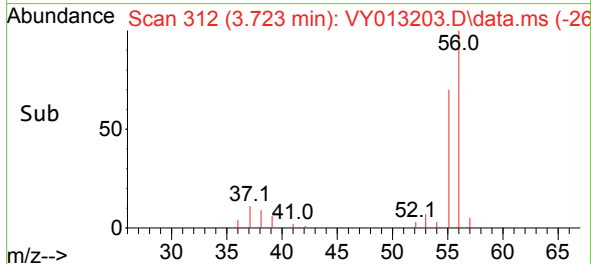
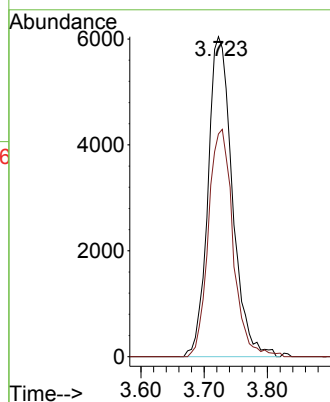
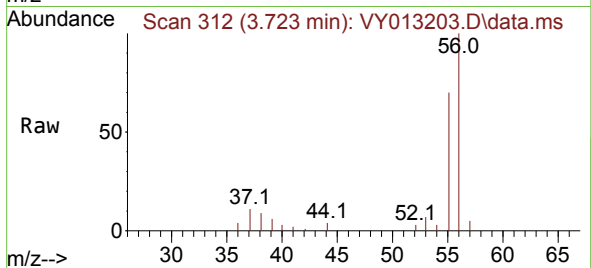
VY0405SBS01

Tgt Ion: 56 Resp: 16186

Ion Ratio Lower Upper

56 100

55 71.6 56.8 85.2



#14

Allyl chloride

Concen: 19.997 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.007 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

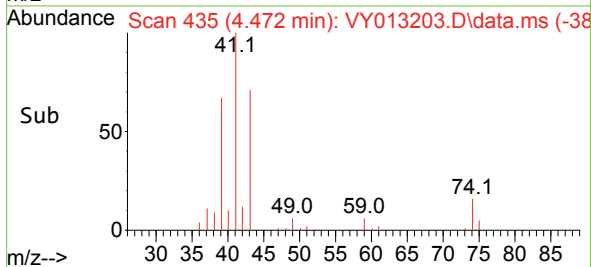
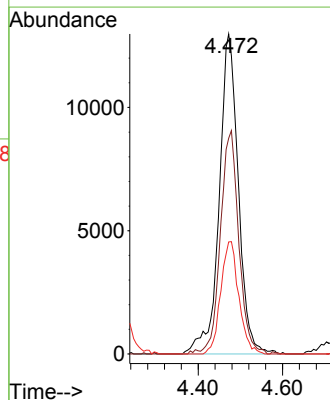
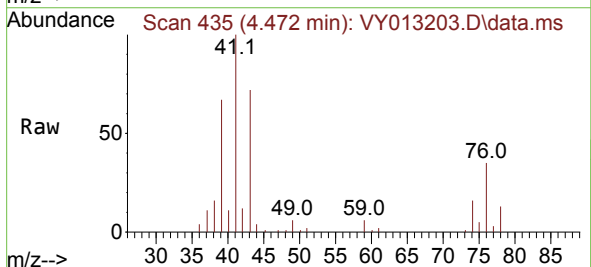
Tgt Ion: 41 Resp: 40812

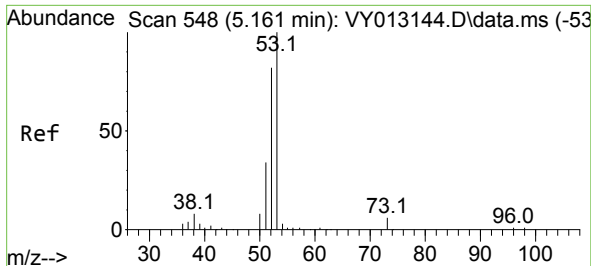
Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

76 33.1 27.2 40.8

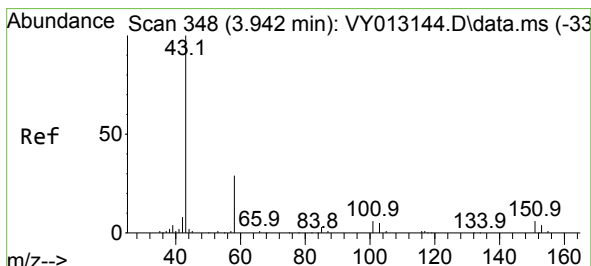
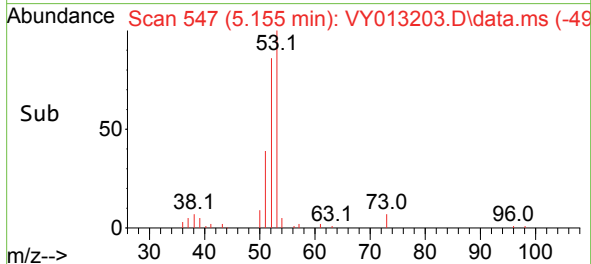
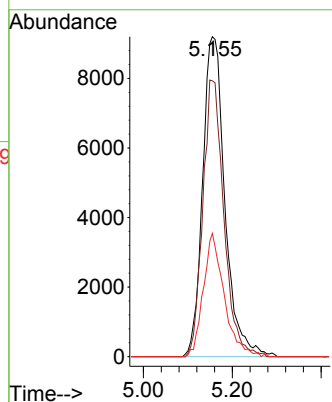
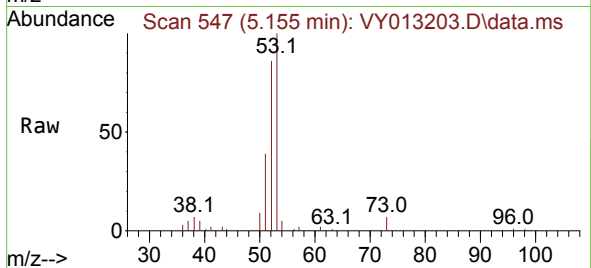




#15
Acrylonitrile
Concen: 91.596 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

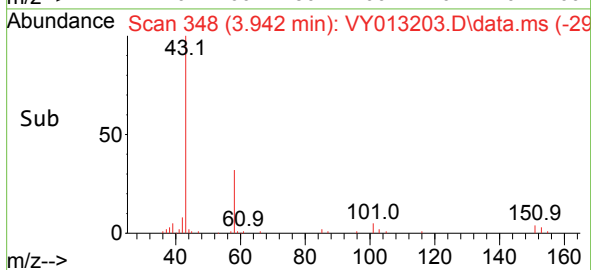
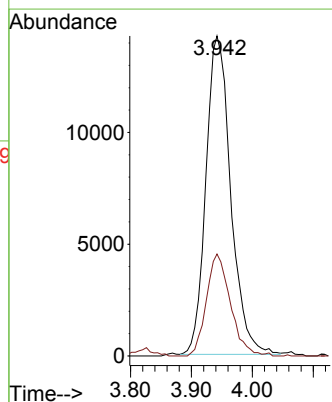
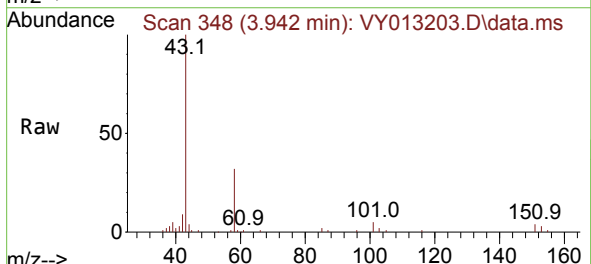
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

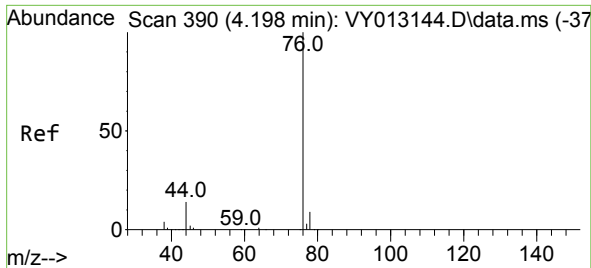
Tgt Ion: 53 Resp: 32122
Ion Ratio Lower Upper
53 100
52 81.7 66.3 99.5
51 36.1 28.8 43.2



#16
Acetone
Concen: 99.711 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 43 Resp: 40371
Ion Ratio Lower Upper
43 100
58 32.0 24.2 36.2

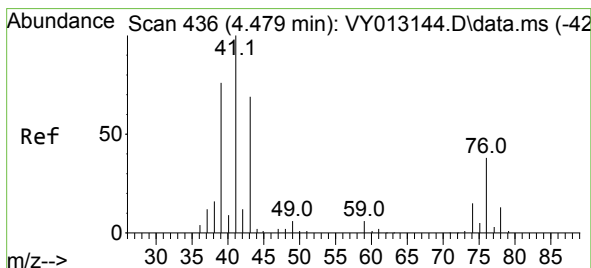
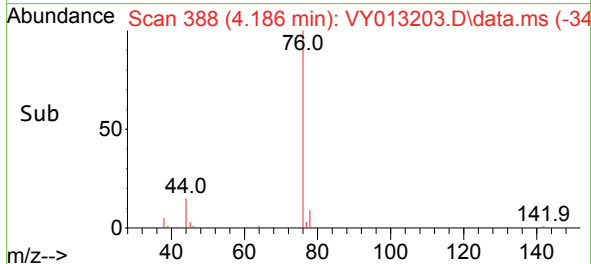
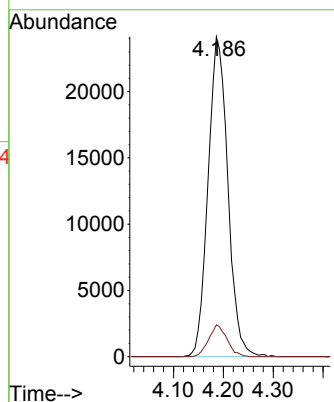
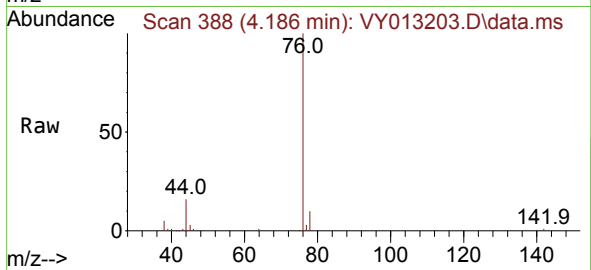




#17
Carbon Disulfide
Concen: 16.671 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

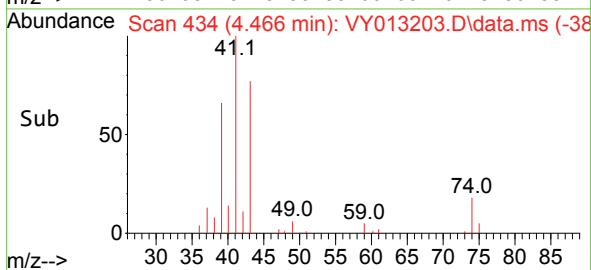
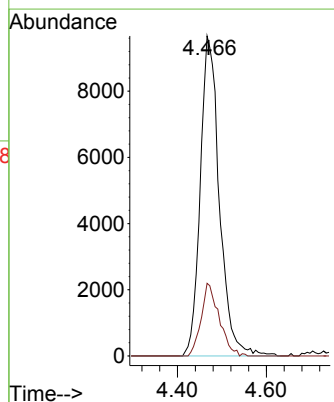
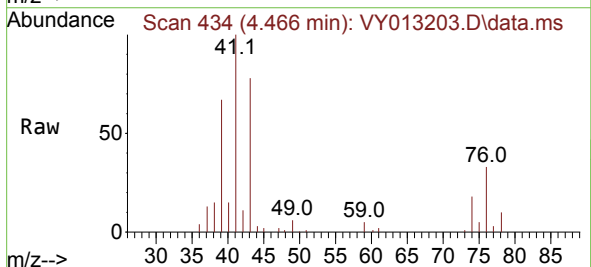
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

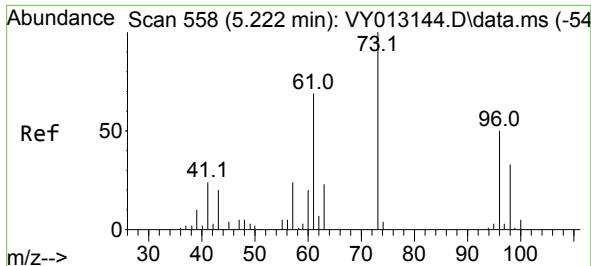
Tgt Ion: 76 Resp: 66502
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7



#18
Methyl Acetate
Concen: 22.741 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.013 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 43 Resp: 29011
Ion Ratio Lower Upper
43 100
74 21.4 17.4 26.0

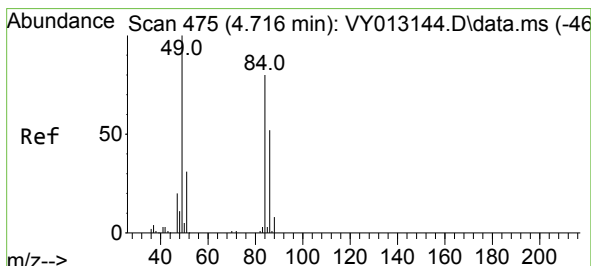
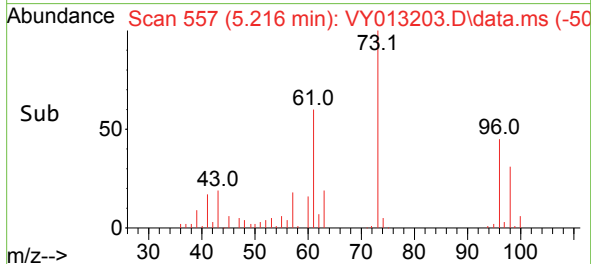
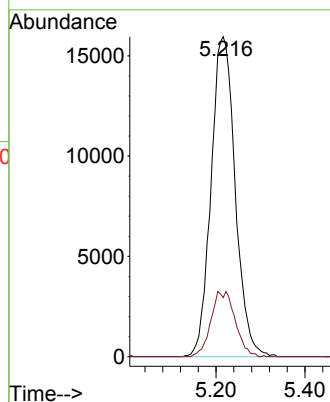
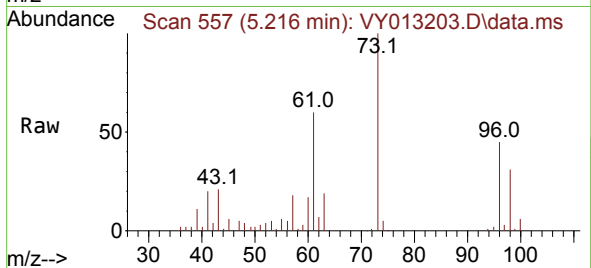




#19
Methyl tert-butyl Ether
Concen: 19.825 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

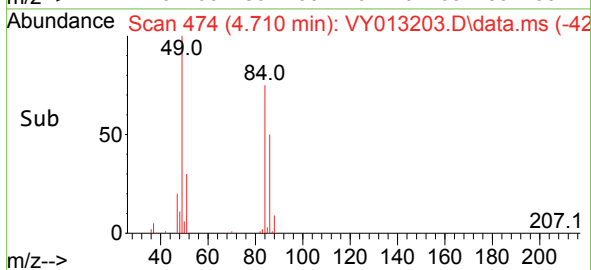
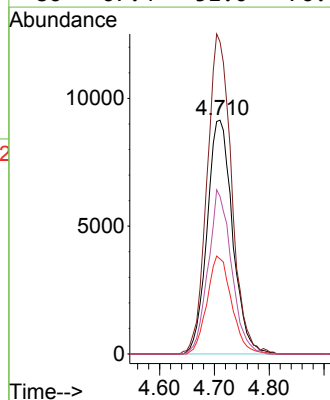
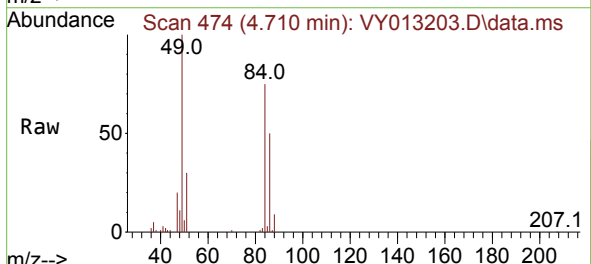
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

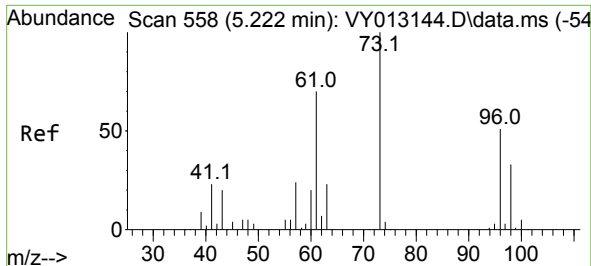
Tgt Ion: 73 Resp: 60174
Ion Ratio Lower Upper
73 100
57 18.4 18.3 27.5



#20
Methylene Chloride
Concen: 17.604 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 84 Resp: 29468
Ion Ratio Lower Upper
84 100
49 133.5 102.6 154.0
51 40.6 31.9 47.9
86 67.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 17.497 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

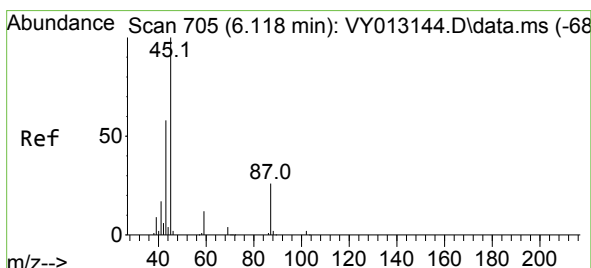
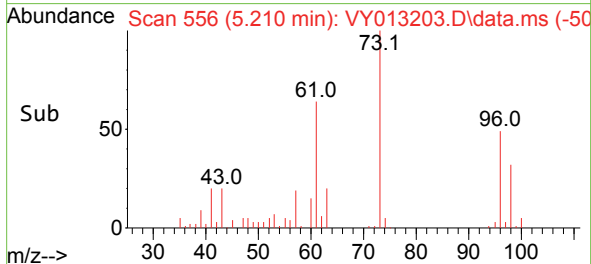
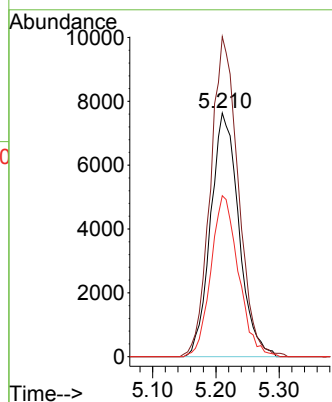
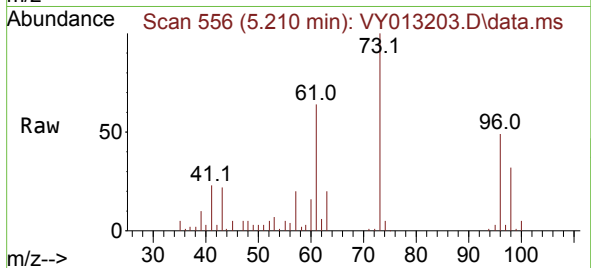
Tgt Ion: 96 Resp: 23613

Ion Ratio Lower Upper

96 100

61 131.3 111.4 167.0

98 66.0 50.8 76.2



#22

Diisopropyl ether

Concen: 16.150 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Tgt Ion: 45 Resp: 64397

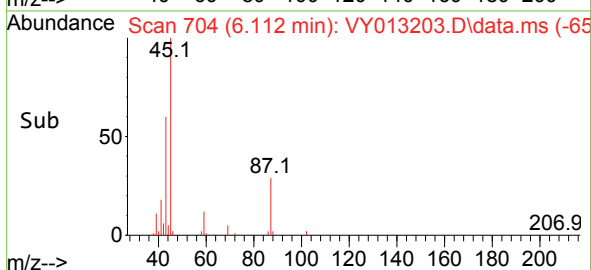
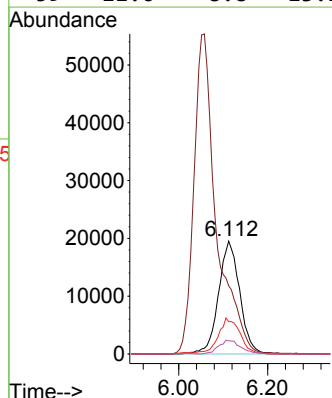
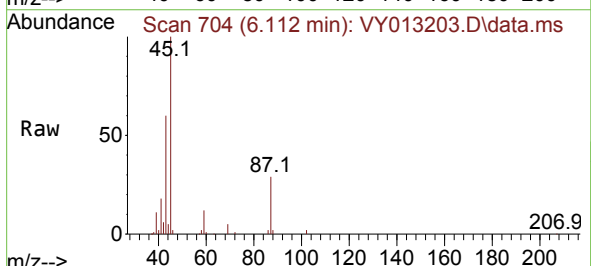
Ion Ratio Lower Upper

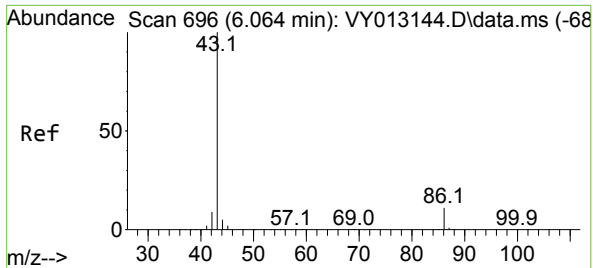
45 100

43 59.8 45.0 67.6

87 28.7 20.3 30.5

59 11.6 8.8 13.2

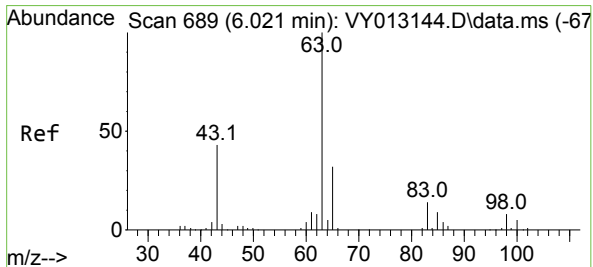
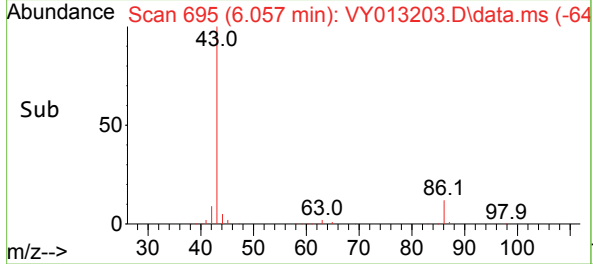
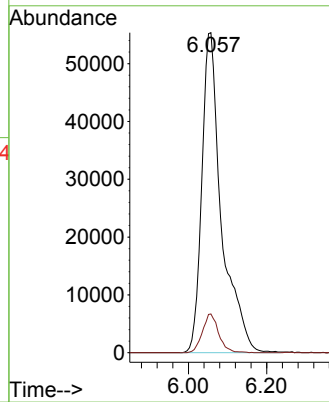
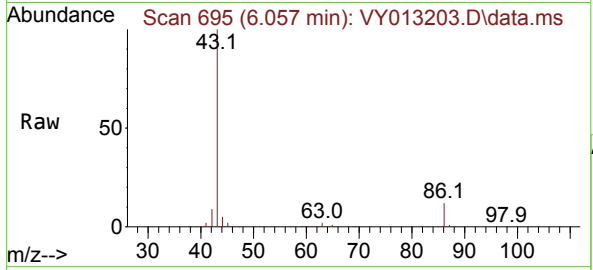




#23
 Vinyl Acetate
 Concen: 85.435 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.007 min
 Lab File: VY013203.D
 Acq: 05 Apr 2023 11:46

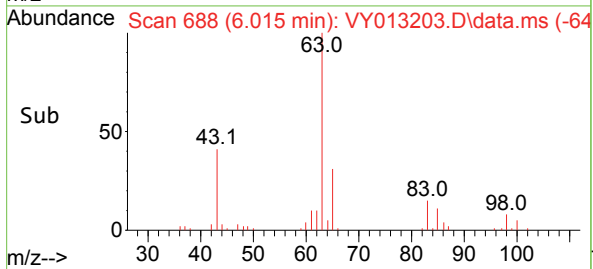
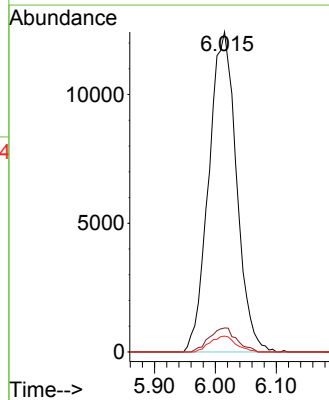
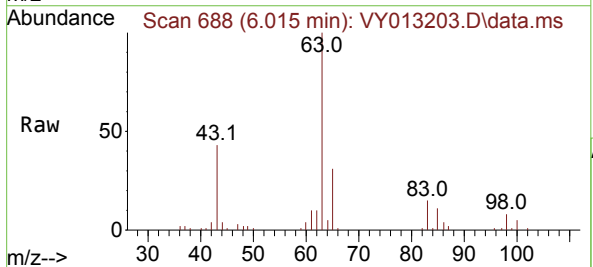
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBS01

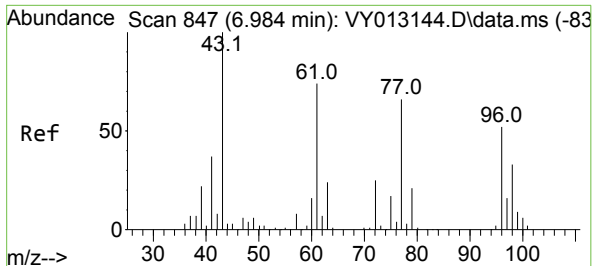
Tgt Ion: 43 Resp: 193723
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 16.635 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013203.D
 Acq: 05 Apr 2023 11:46

Tgt Ion: 63 Resp: 39283
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.7 11.1
 100 4.9 2.3 6.8





#25

2-Butanone

Concen: 89.762 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

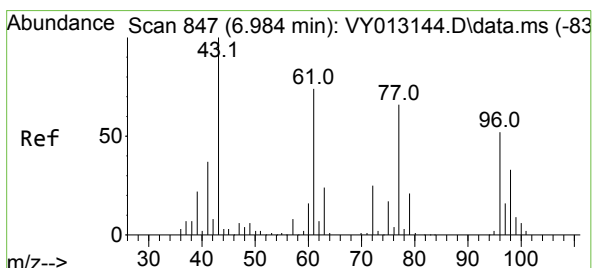
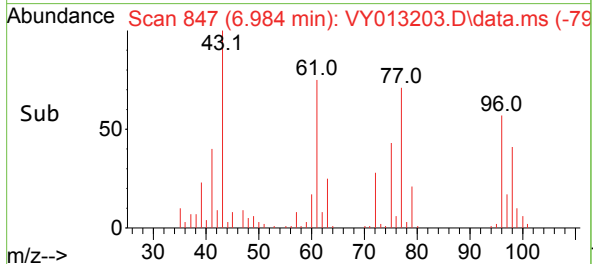
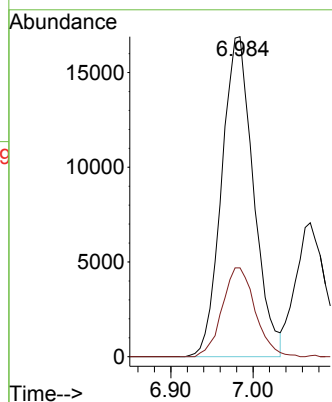
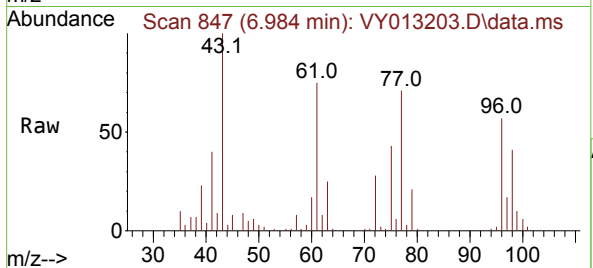
VY0405SBS01

Tgt Ion: 43 Resp: 45443

Ion Ratio Lower Upper

43 100

72 27.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.071 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013203.D

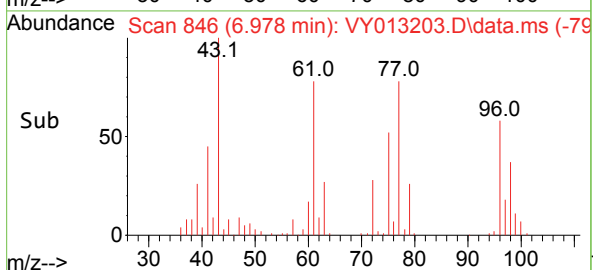
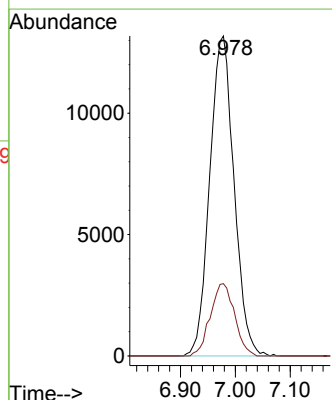
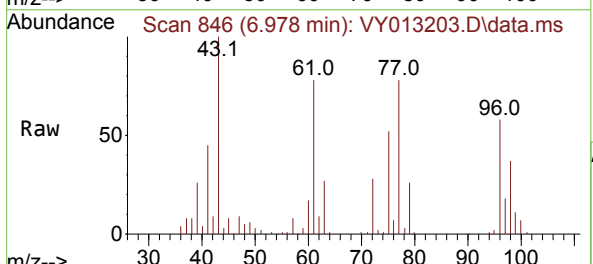
Acq: 05 Apr 2023 11:46

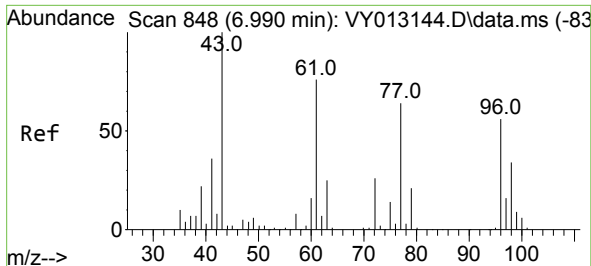
Tgt Ion: 77 Resp: 40507

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.0

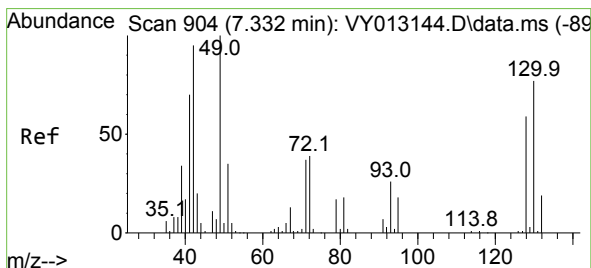
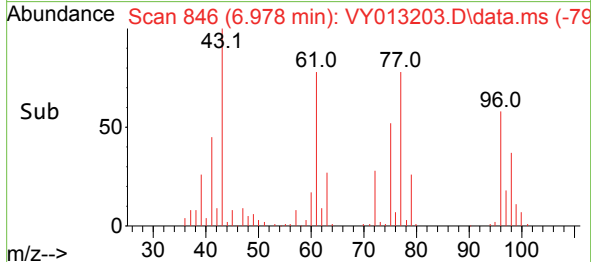
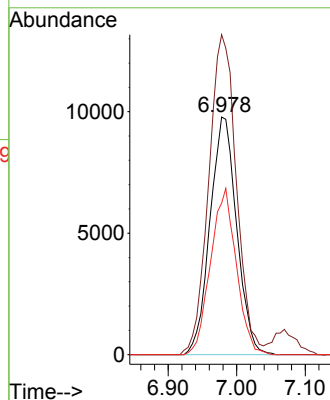
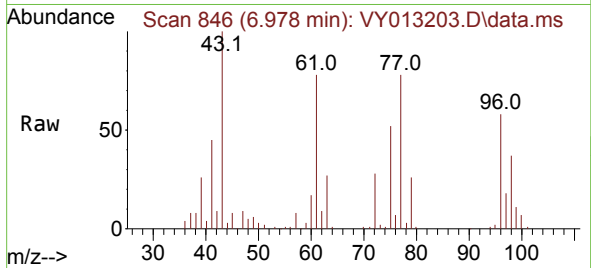




#27
 cis-1,2-Dichloroethene
 Concen: 18.187 ug/l
 RT: 6.978 min Scan# 848
 Delta R.T. -0.012 min
 Lab File: VY013203.D
 Acq: 05 Apr 2023 11:46

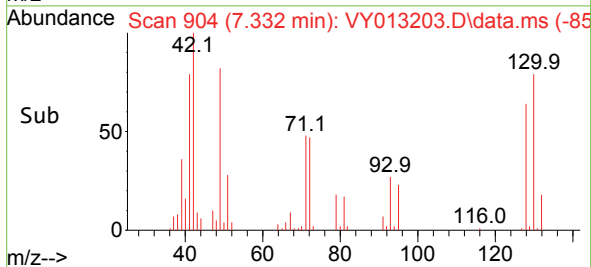
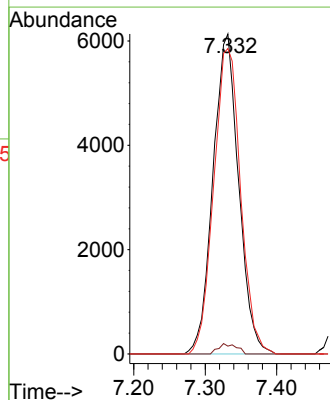
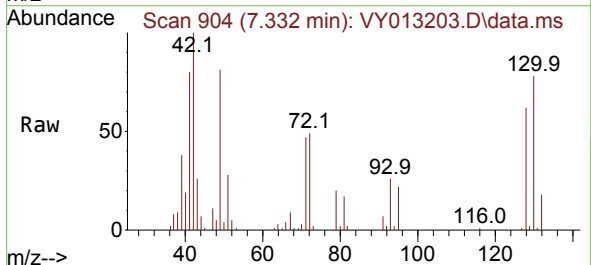
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBS01

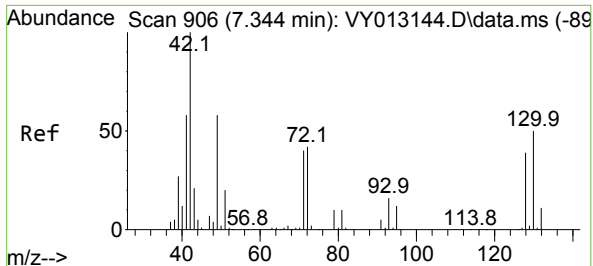
Tgt Ion: 96 Resp: 26443
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 295.8
 98 67.4 0.0 130.2



#28
 Bromochloromethane
 Concen: 15.060 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013203.D
 Acq: 05 Apr 2023 11:46

Tgt Ion: 49 Resp: 15260
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 100.2 60.5 90.7#





#29

Tetrahydrofuran

Concen: 89.042 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

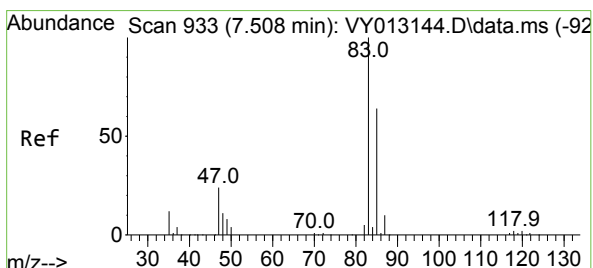
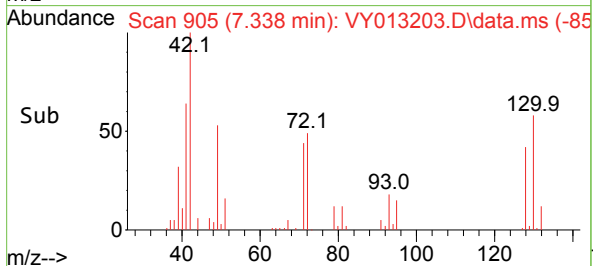
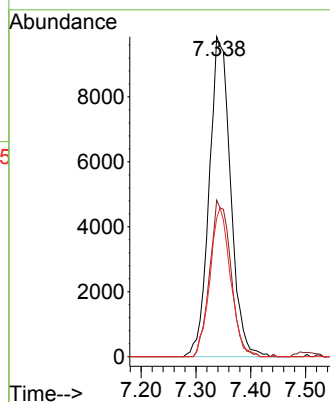
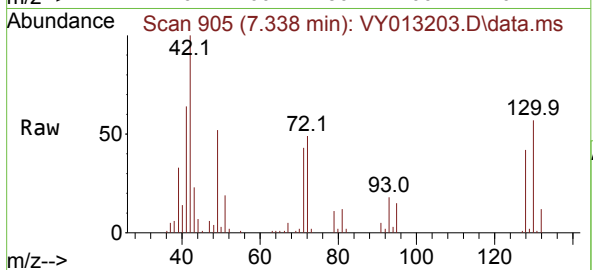
Tgt Ion: 42 Resp: 26685

Ion Ratio Lower Upper

42 100

72 48.2 32.3 48.5

71 44.7 30.3 45.5



#30

Chloroform

Concen: 18.488 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY013203.D

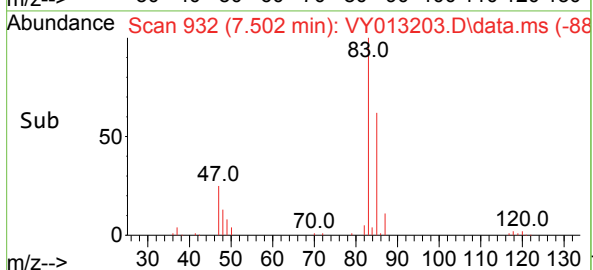
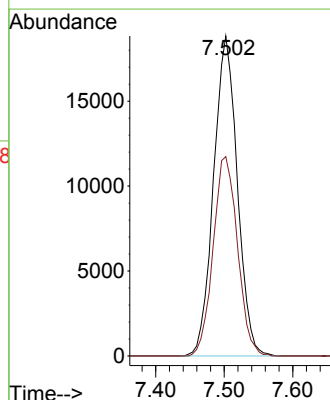
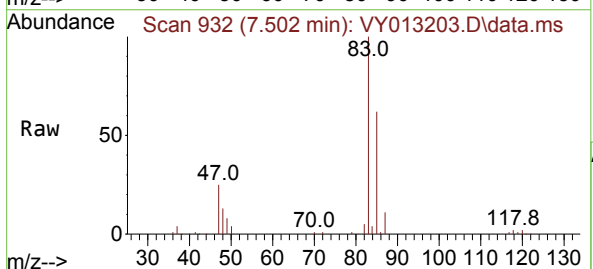
Acq: 05 Apr 2023 11:46

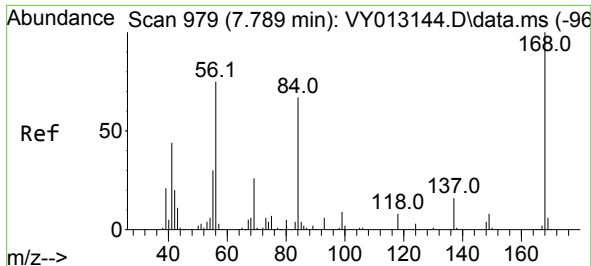
Tgt Ion: 83 Resp: 45212

Ion Ratio Lower Upper

83 100

85 62.3 51.4 77.0

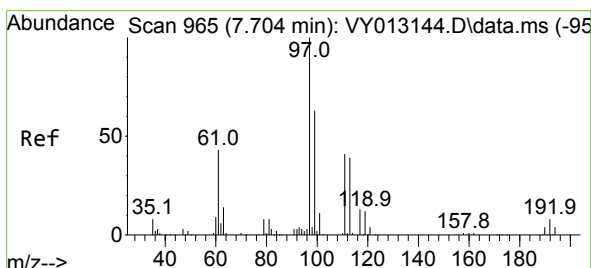
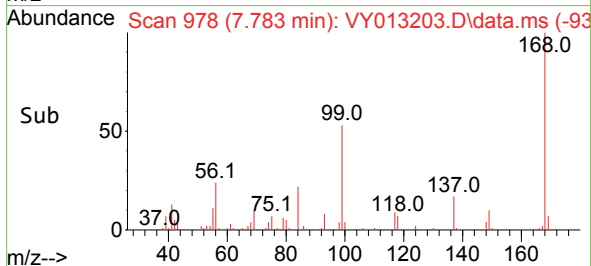
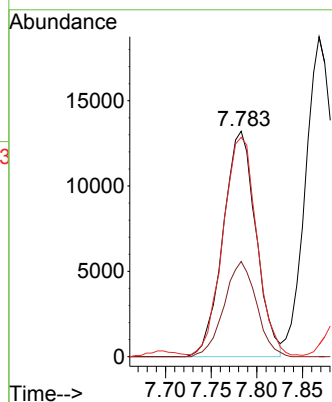
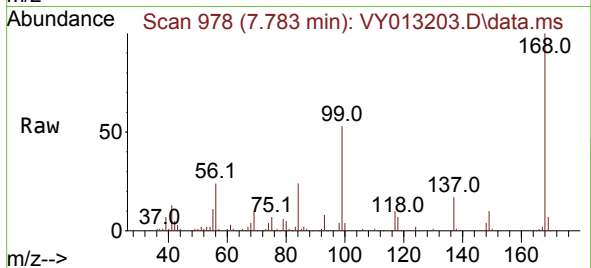




#31
Cyclohexane
Concen: 15.359 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

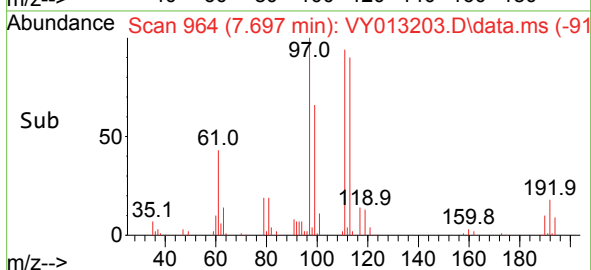
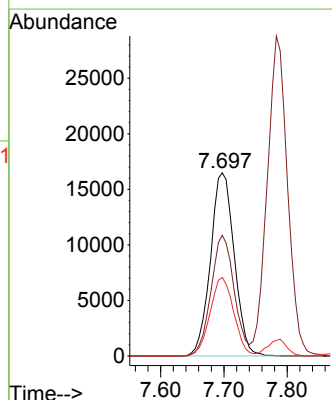
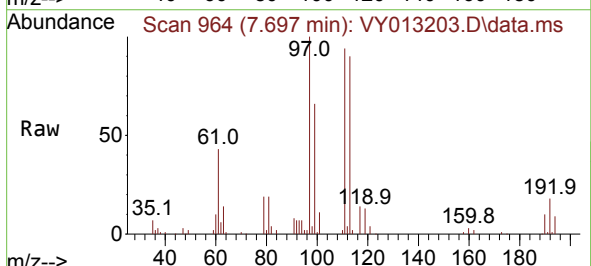
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

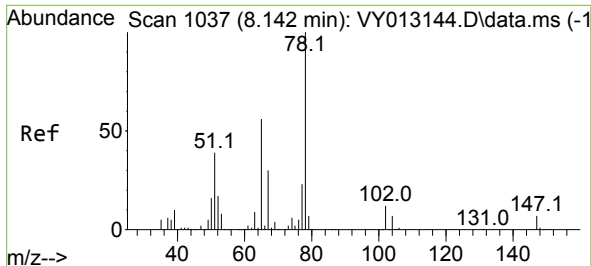
Tgt Ion: 56 Resp: 33201
Ion Ratio Lower Upper
56 100
69 42.2 25.7 38.5#
84 96.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 19.882 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 97 Resp: 42987
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 42.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.083 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

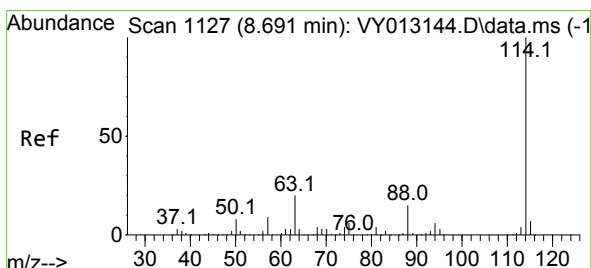
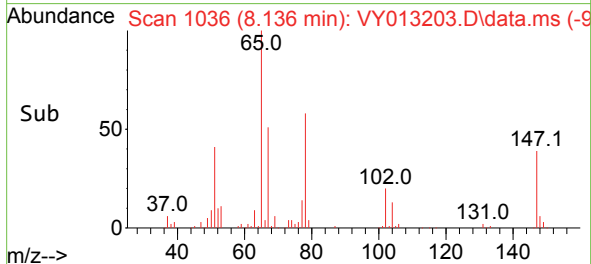
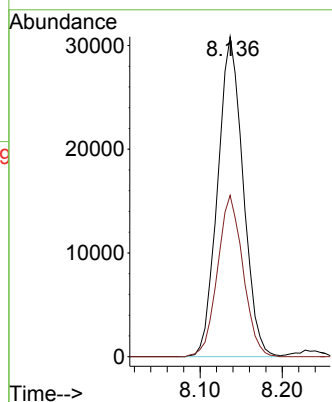
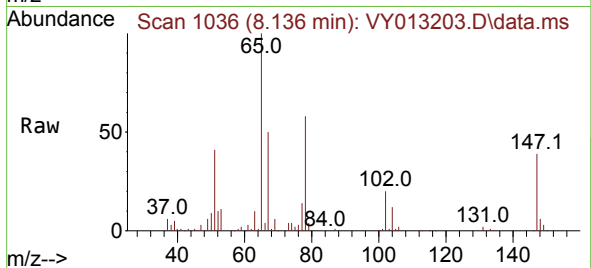
VY0405SBS01

Tgt Ion: 65 Resp: 66313

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

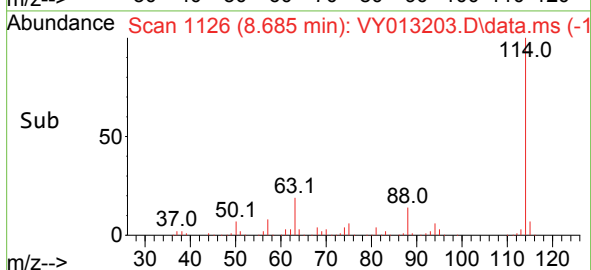
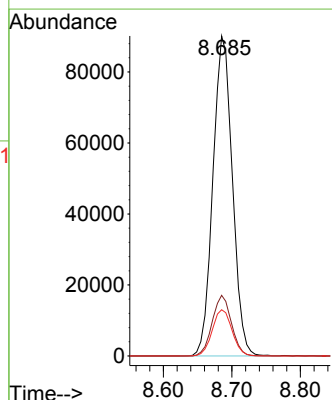
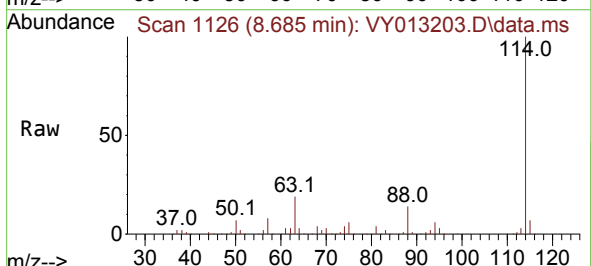
Tgt Ion:114 Resp: 178042

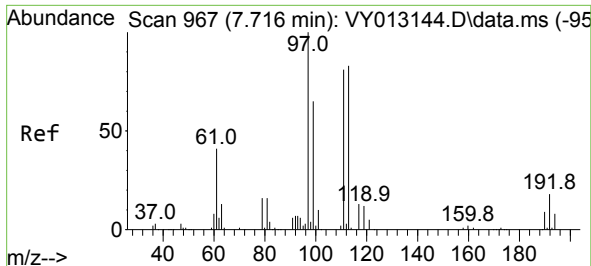
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.5 0.0 28.6

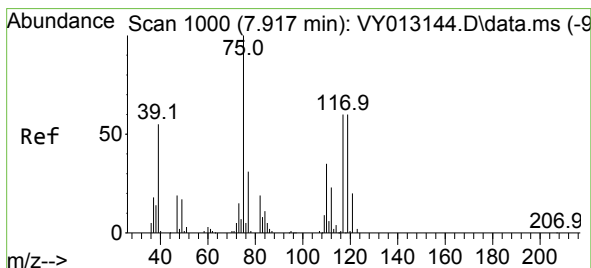
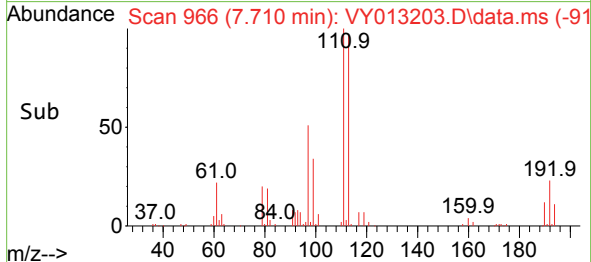
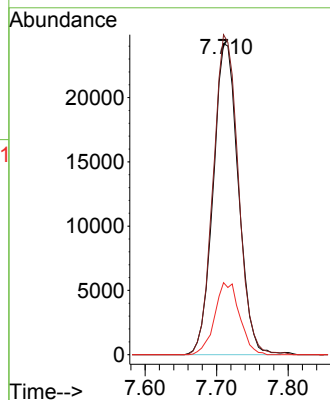
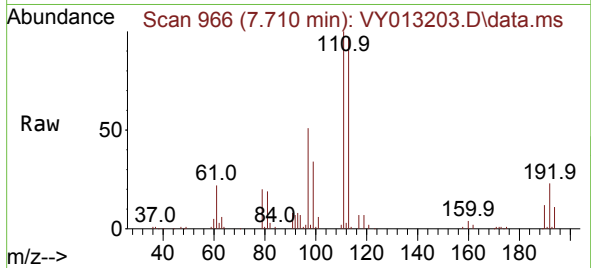




#35
Dibromofluoromethane
Concen: 50.765 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

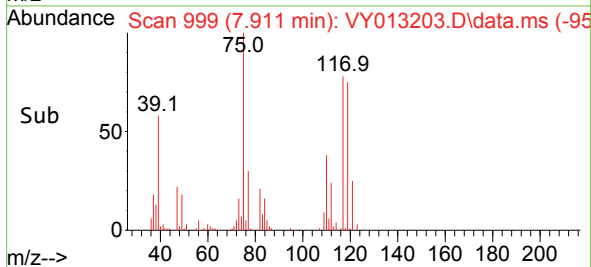
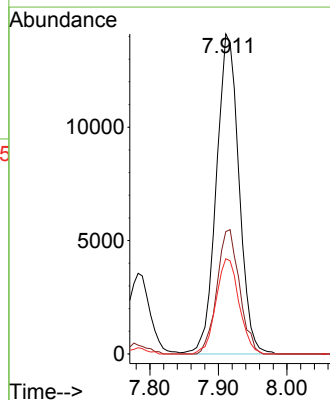
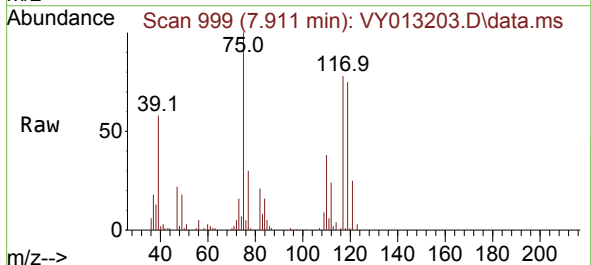
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

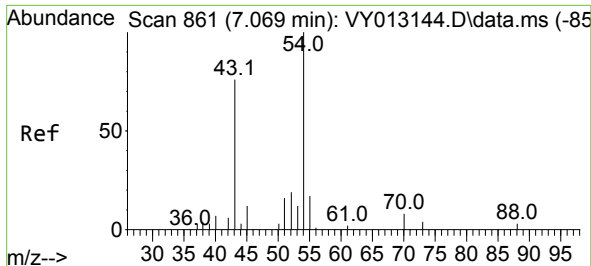
Tgt Ion:113 Resp: 59044
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 23.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.460 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 75 Resp: 32323
Ion Ratio Lower Upper
75 100
110 38.6 17.8 53.3
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 18.977 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

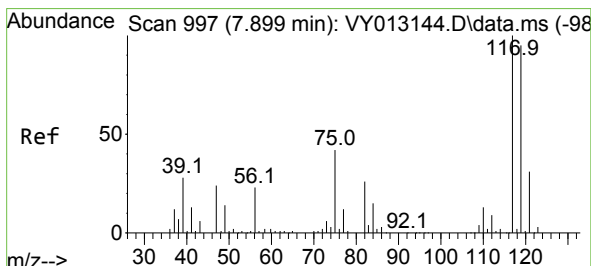
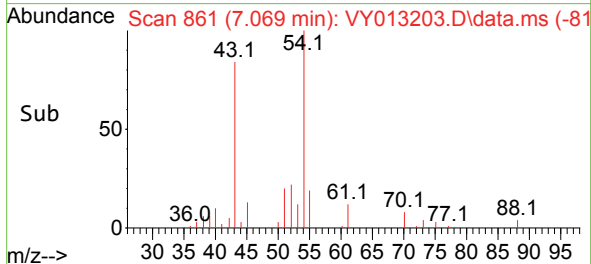
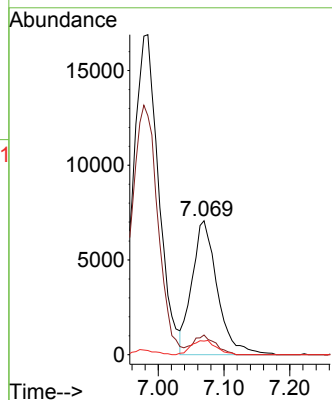
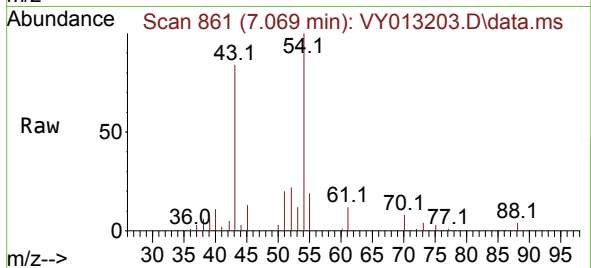
Tgt Ion: 43 Resp: 18875

Ion Ratio Lower Upper

43 100

61 13.0 10.7 16.1

70 10.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.780 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

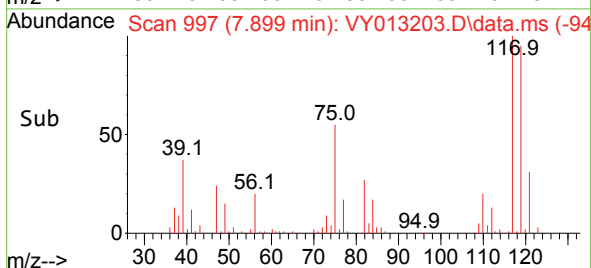
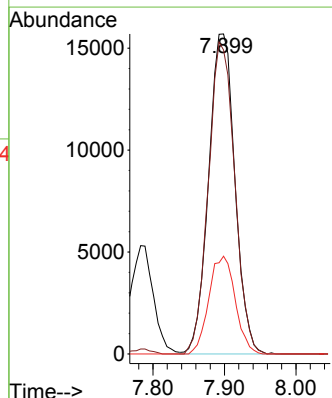
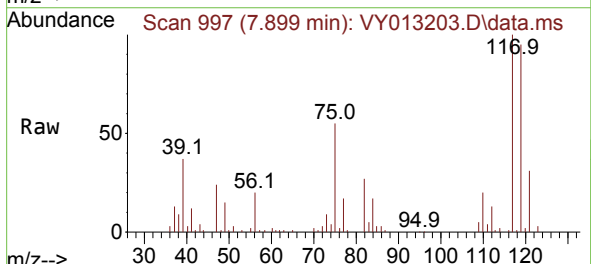
Tgt Ion: 117 Resp: 40146

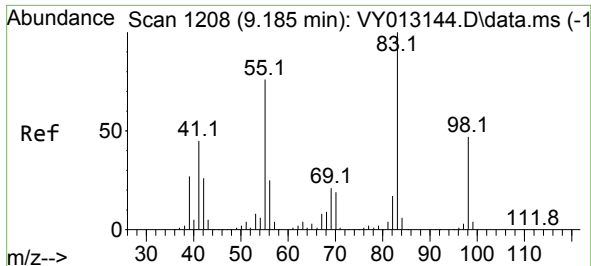
Ion Ratio Lower Upper

117 100

119 95.0 77.2 115.8

121 30.5 24.7 37.1





#39

Methylcyclohexane

Concen: 17.996 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

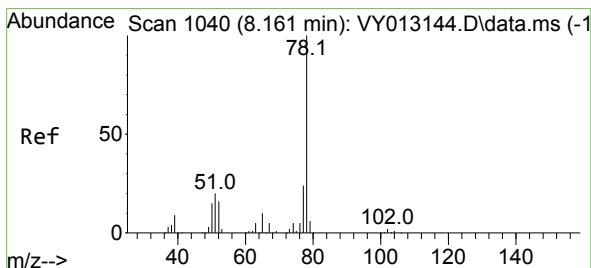
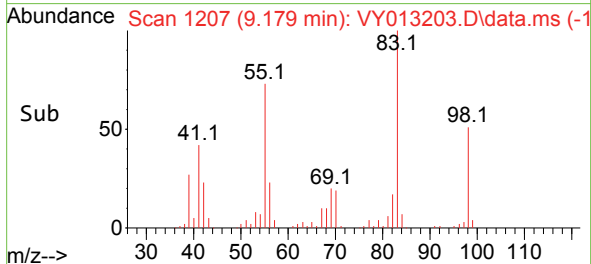
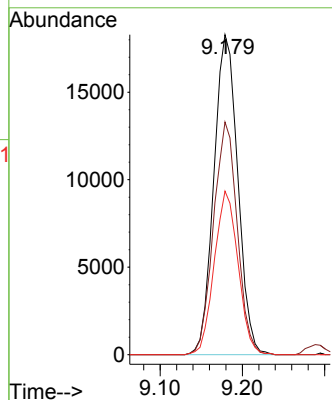
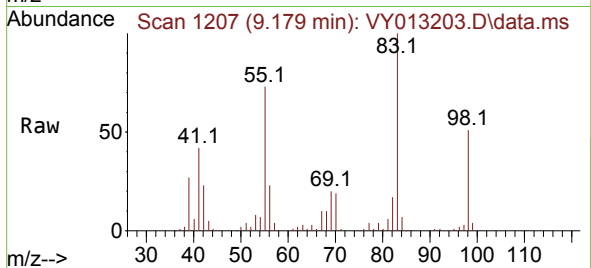
Tgt Ion: 83 Resp: 36967

Ion Ratio Lower Upper

83 100

55 72.7 60.0 90.0

98 51.1 38.3 57.5



#40

Benzene

Concen: 18.600 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013203.D

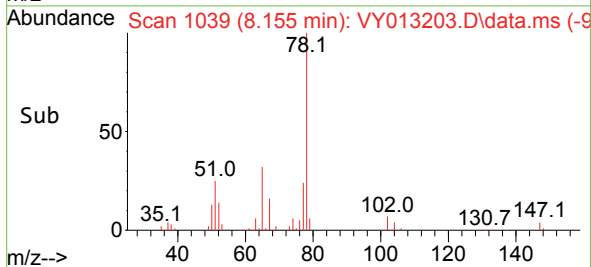
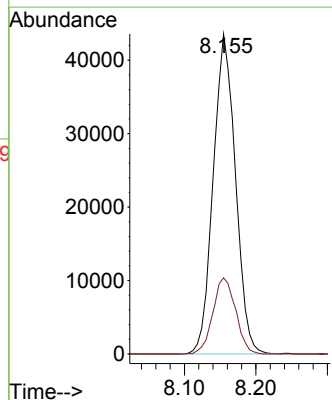
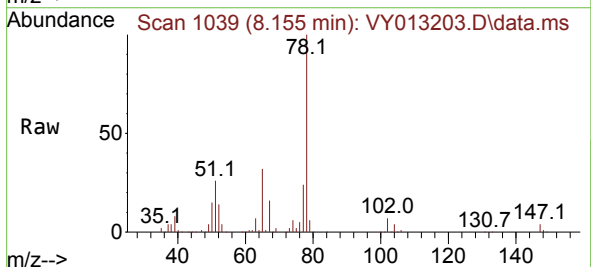
Acq: 05 Apr 2023 11:46

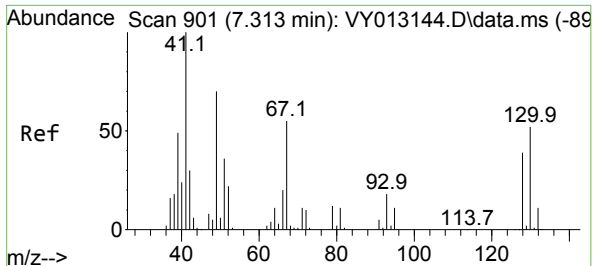
Tgt Ion: 78 Resp: 94064

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

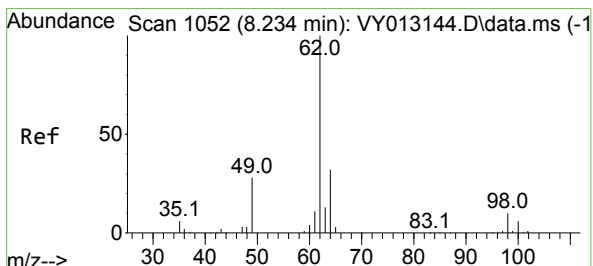
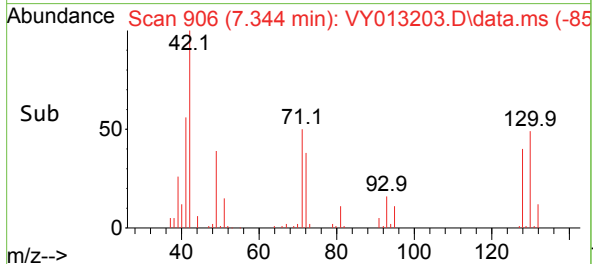
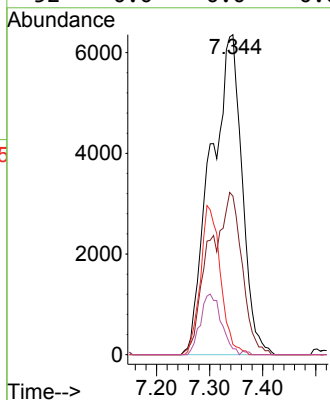
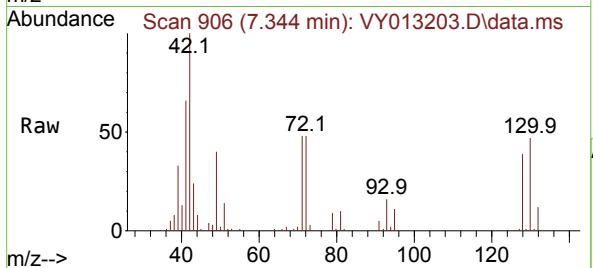




#41
Methacrylonitrile
Concen: 59.094 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

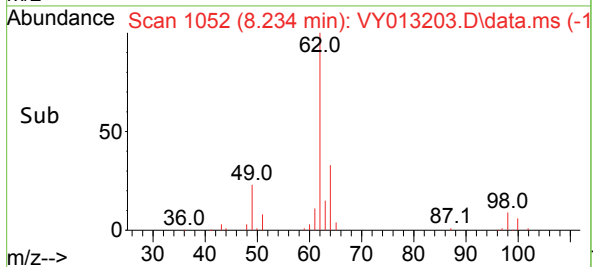
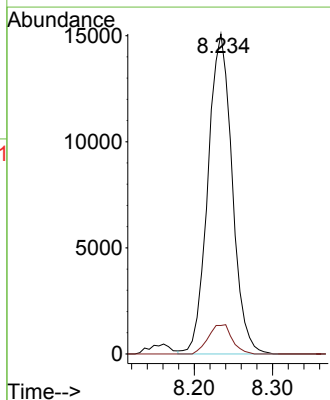
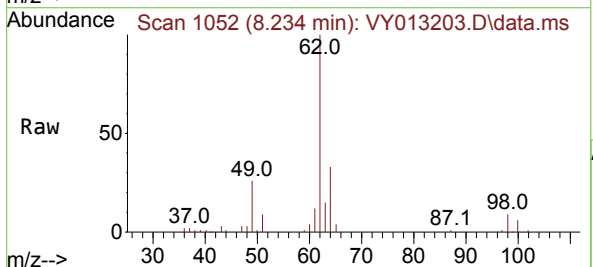
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

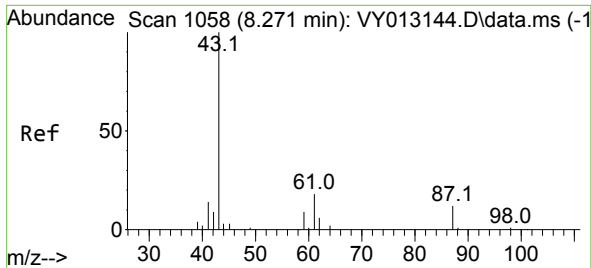
Tgt Ion:	41	Resp:	26076
Ion Ratio	Lower	Upper	
41	100		
39	30.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.926 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion:	62	Resp:	32424
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	18.8

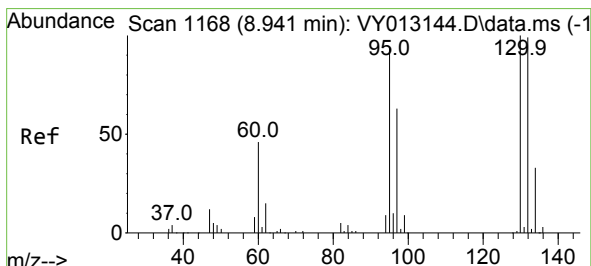
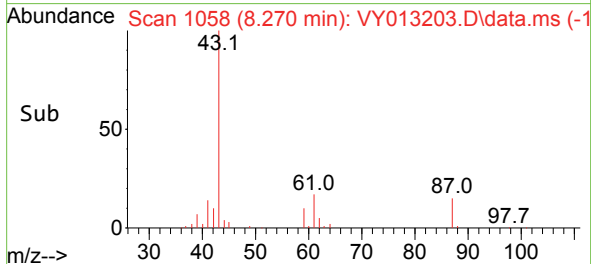
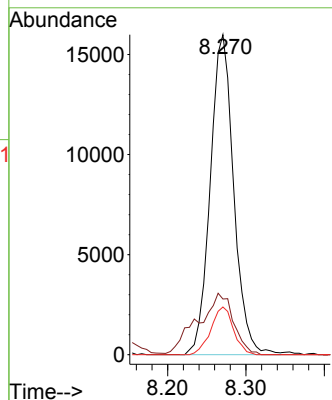
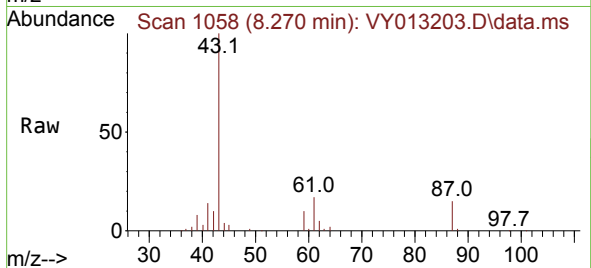




#43
Isopropyl Acetate
Concen: 18.678 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

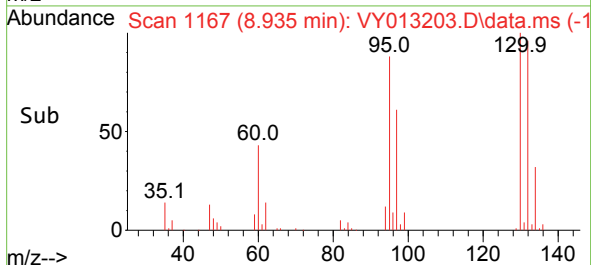
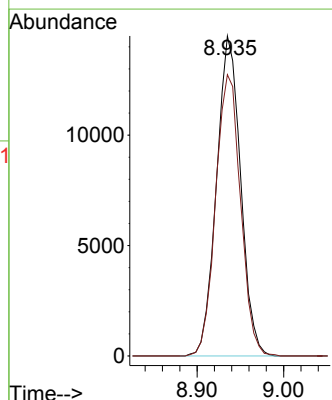
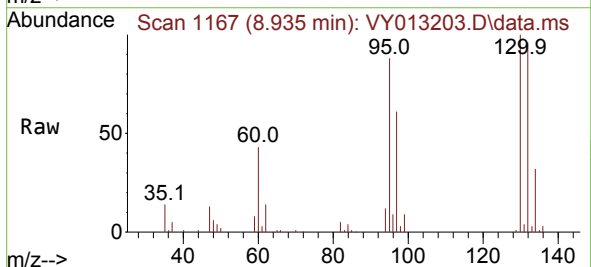
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

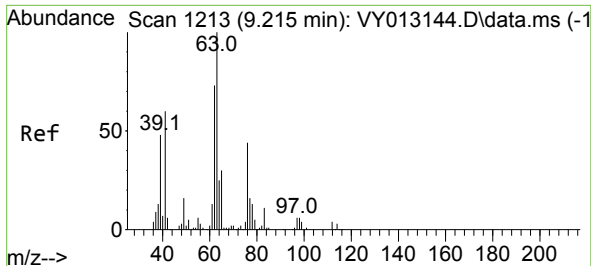
Tgt Ion: 43 Resp: 33255
Ion Ratio Lower Upper
43 100
61 29.1 21.6 32.4
87 14.3 9.9 14.9



#44
Trichloroethene
Concen: 20.126 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion:130 Resp: 28019
Ion Ratio Lower Upper
130 100
95 87.9 0.0 185.0





#45

1,2-Dichloropropane

Concen: 17.316 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

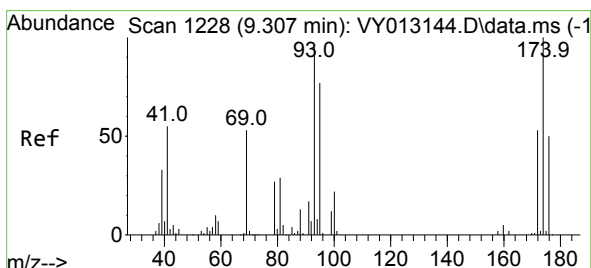
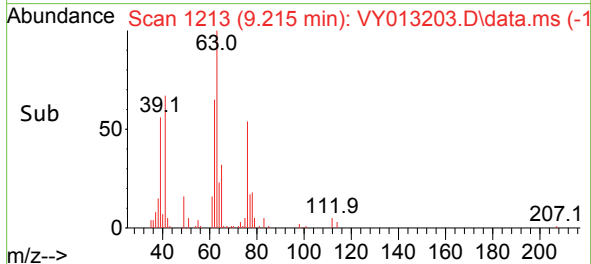
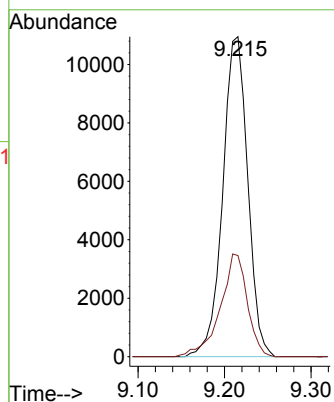
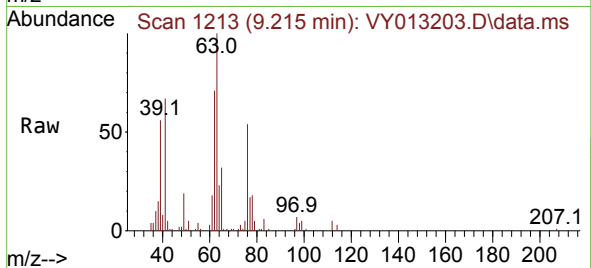
VY0405SBS01

Tgt Ion: 63 Resp: 21929

Ion Ratio Lower Upper

63 100

65 31.6 25.7 38.5



#46

Dibromomethane

Concen: 19.954 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

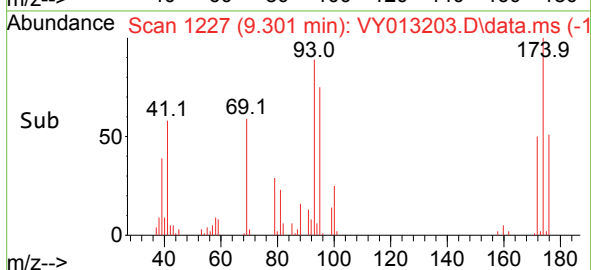
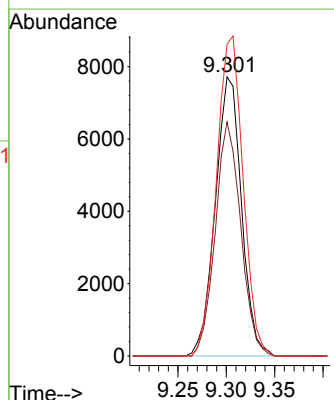
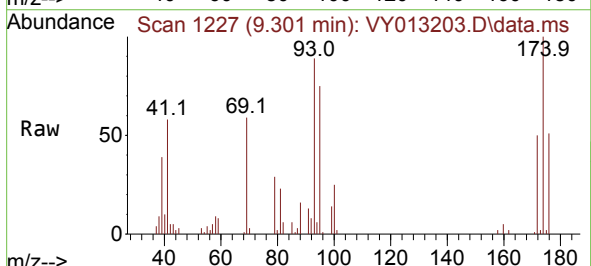
Tgt Ion: 93 Resp: 14516

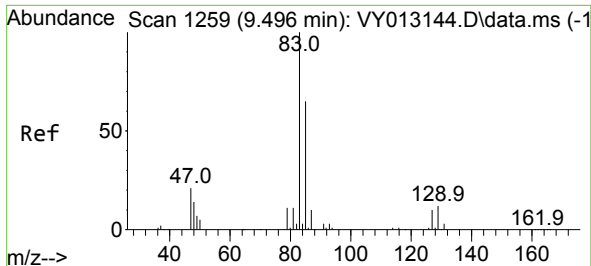
Ion Ratio Lower Upper

93 100

95 81.5 65.6 98.4

174 116.8 81.3 121.9

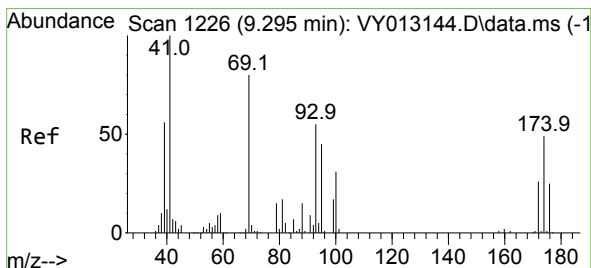
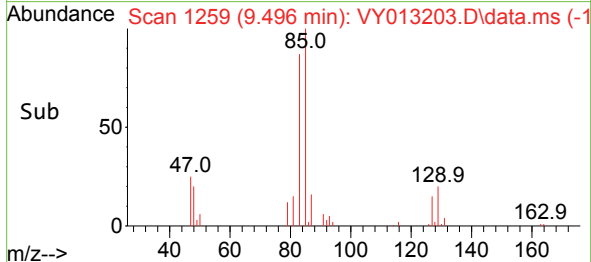
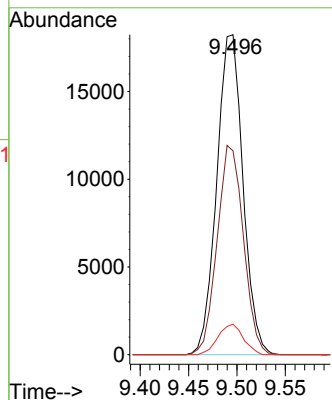
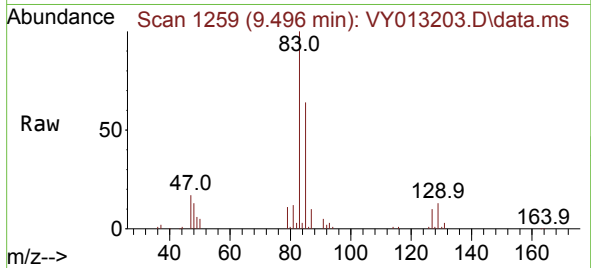




#47
Bromodichloromethane
Concen: 19.579 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

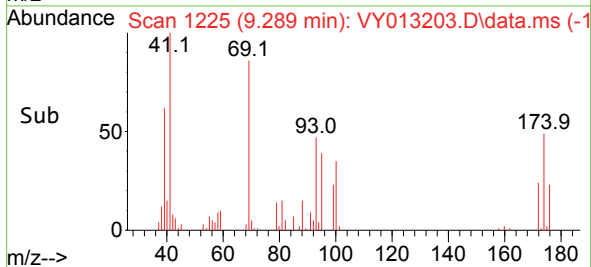
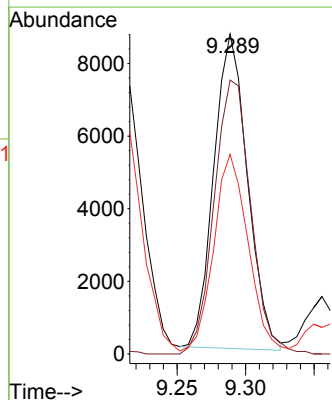
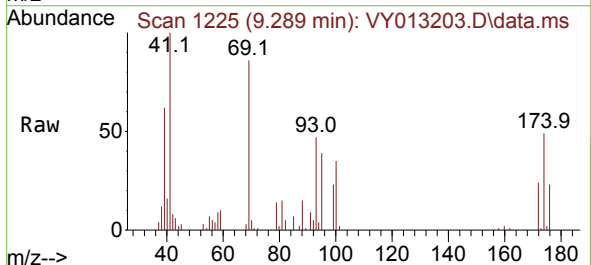
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

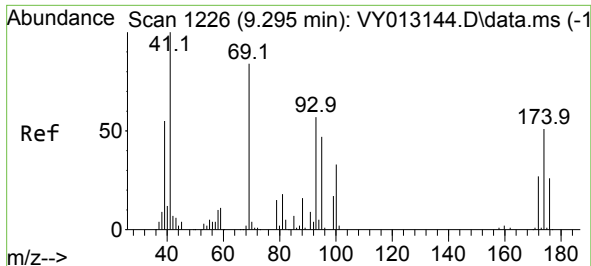
Tgt Ion: 83 Resp: 34367
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 9.5 6.3 9.5#



#48
Methyl methacrylate
Concen: 17.844 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 41 Resp: 14796
Ion Ratio Lower Upper
41 100
69 94.6 64.1 96.1
39 65.9 44.0 66.0

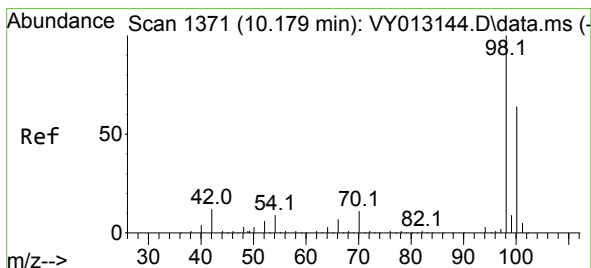
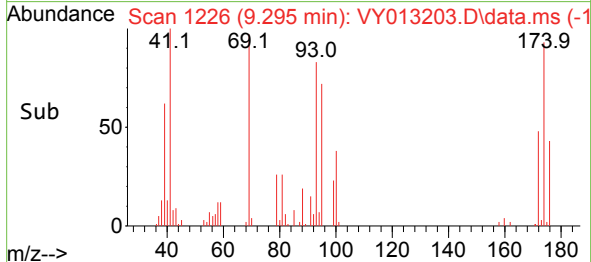
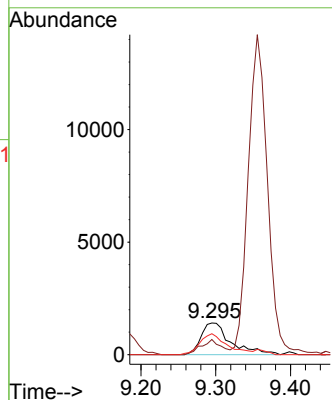
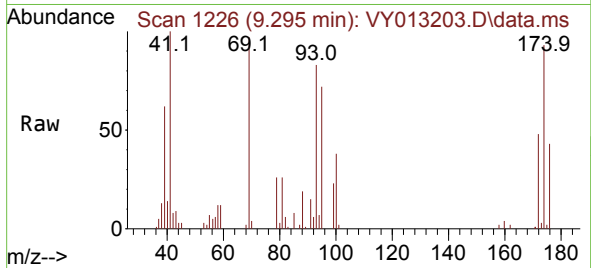




#49
1,4-Dioxane
Concen: 450.172 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

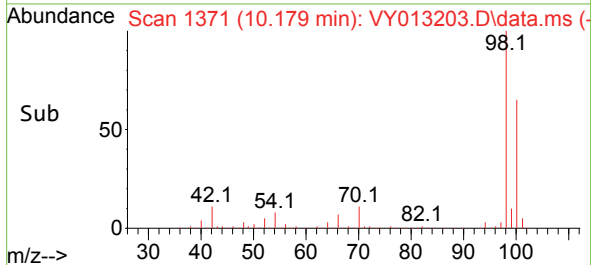
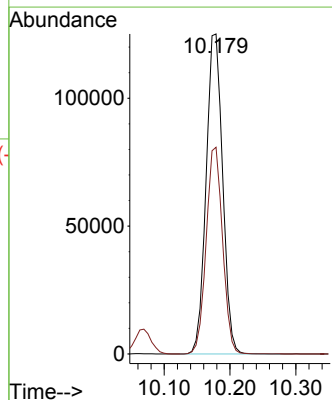
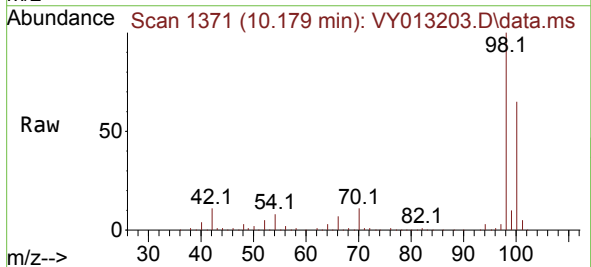
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

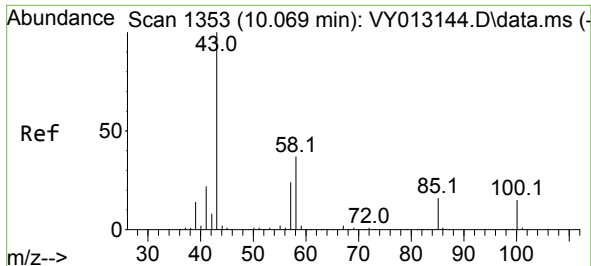
Tgt Ion: 88 Resp: 3896
Ion Ratio Lower Upper
88 100
43 32.6 28.6 42.8
58 61.1 55.2 82.8



#50
Toluene-d8
Concen: 49.790 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 98 Resp: 218621
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 96.016 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

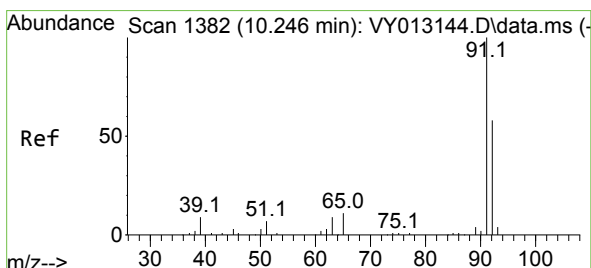
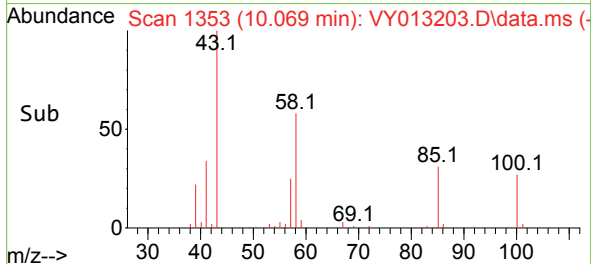
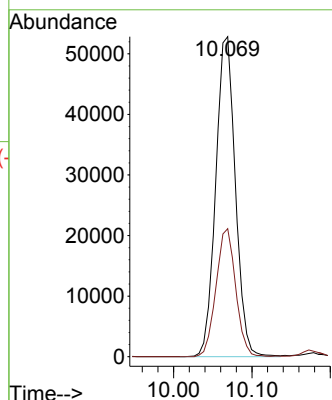
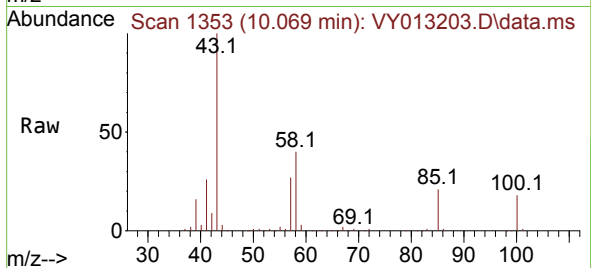
VY0405SBS01

Tgt Ion: 43 Resp: 92259

Ion Ratio Lower Upper

43 100

58 40.0 29.8 44.6



#52

Toluene

Concen: 19.626 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013203.D

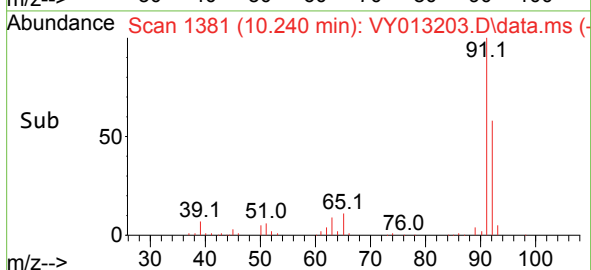
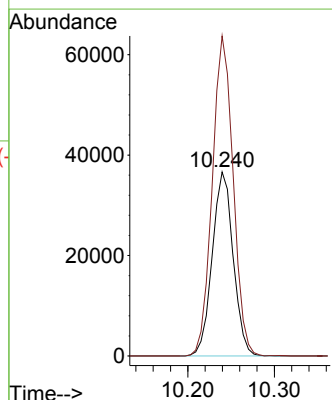
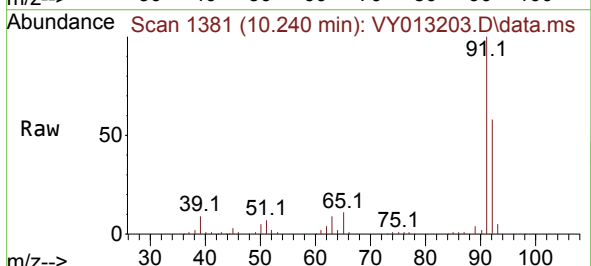
Acq: 05 Apr 2023 11:46

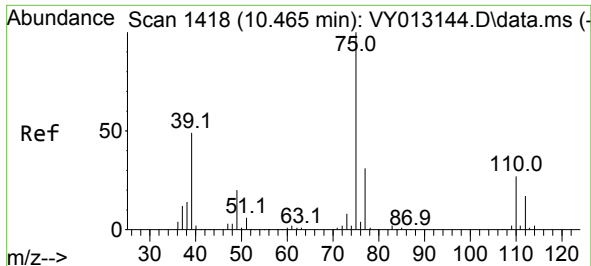
Tgt Ion: 92 Resp: 61569

Ion Ratio Lower Upper

92 100

91 173.3 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 19.860 ug/l

RT: 10.459 min Scan# 1418

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

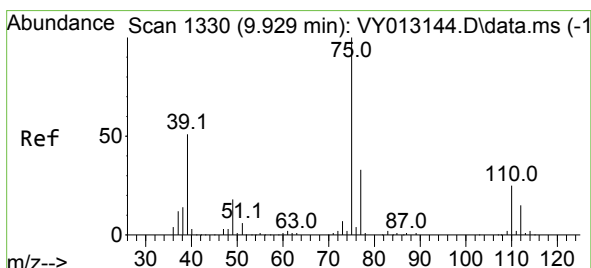
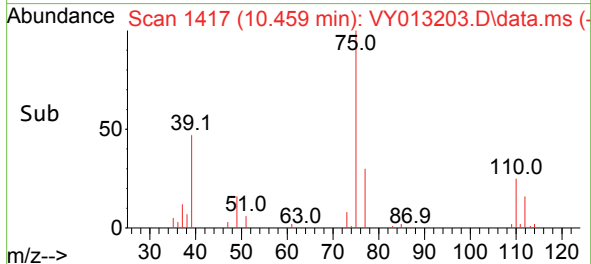
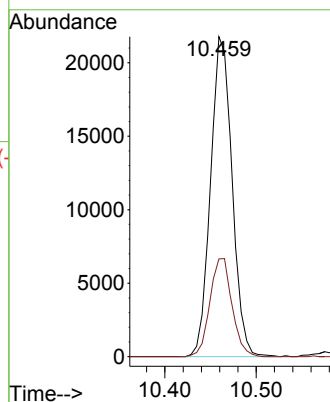
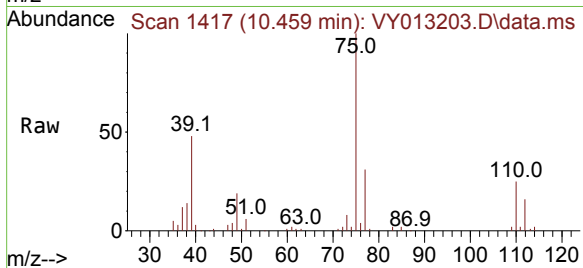
VY0405SBS01

Tgt Ion: 75 Resp: 35633

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.130 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

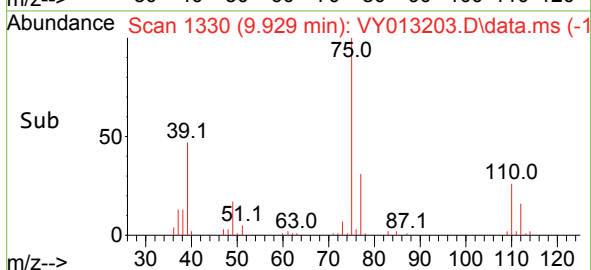
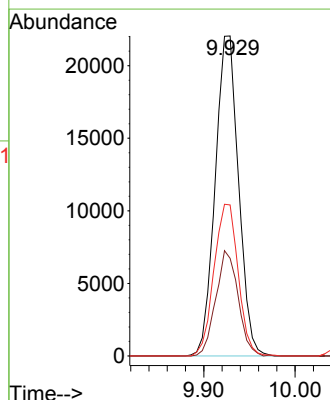
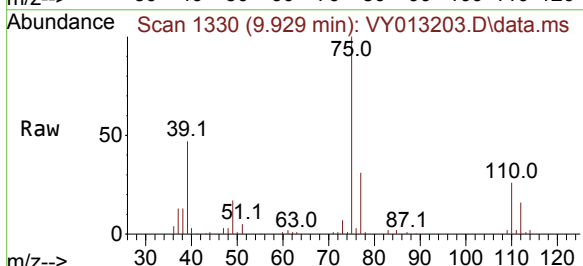
Tgt Ion: 75 Resp: 39200

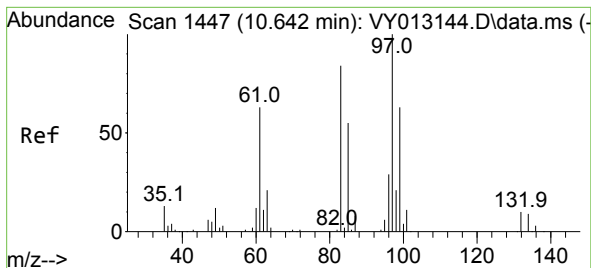
Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.0

39 47.2 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 20.489 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

Tgt Ion: 97 Resp: 20604

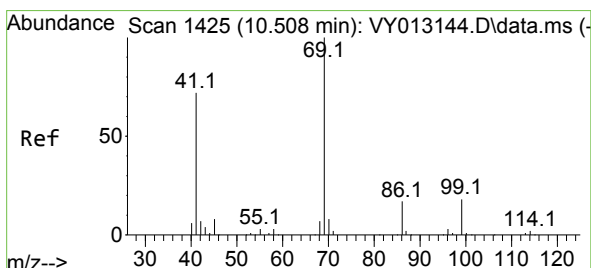
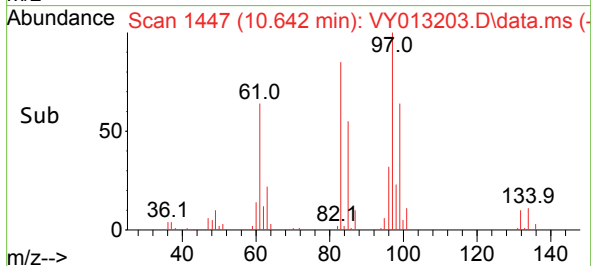
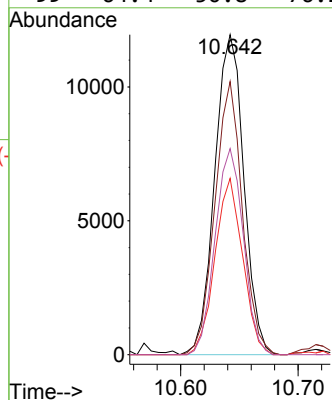
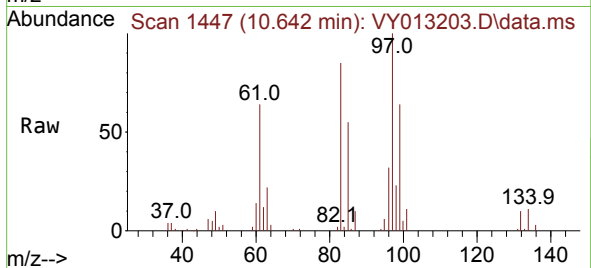
Ion Ratio Lower Upper

97 100

83 85.4 69.0 103.6

85 55.1 44.9 67.3

99 64.4 50.8 76.2



#56

Ethyl methacrylate

Concen: 20.339 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

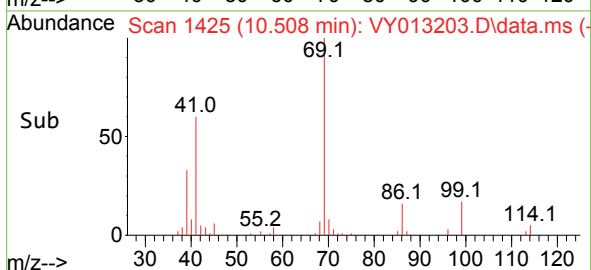
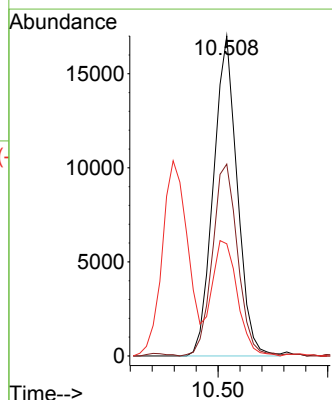
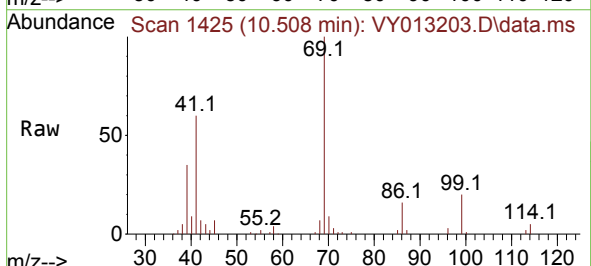
Tgt Ion: 69 Resp: 25715

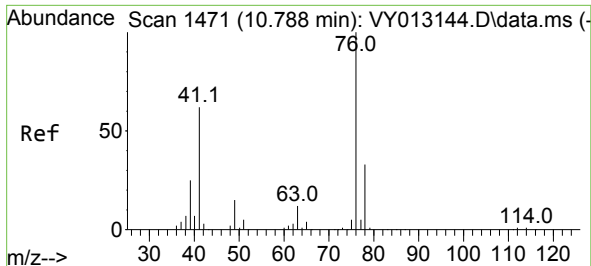
Ion Ratio Lower Upper

69 100

41 63.9 56.4 84.6

39 38.9 30.8 46.2





#57

1,3-Dichloropropane

Concen: 19.497 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

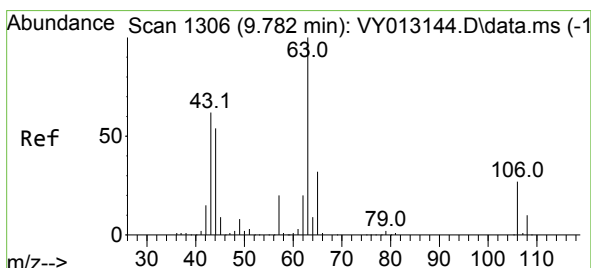
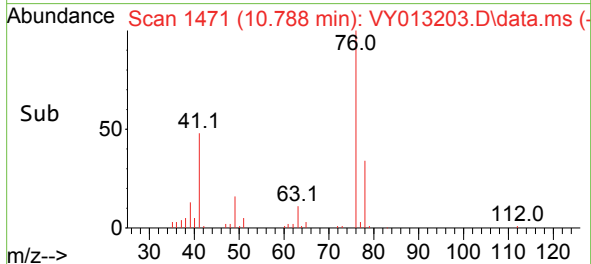
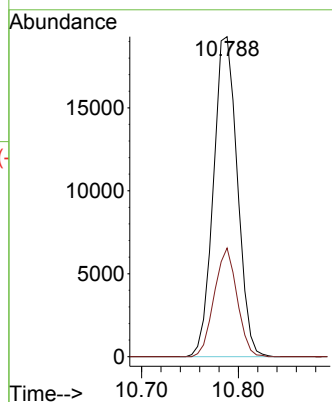
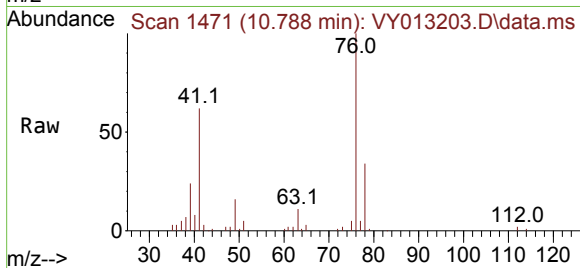
VY0405SBS01

Tgt Ion: 76 Resp: 33099

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.336 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013203.D

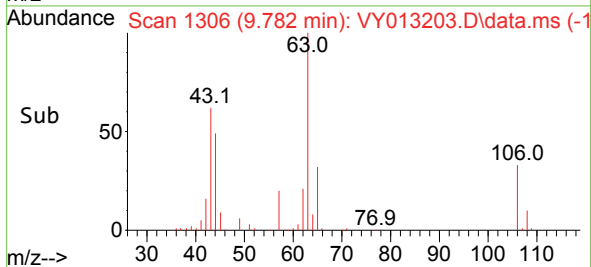
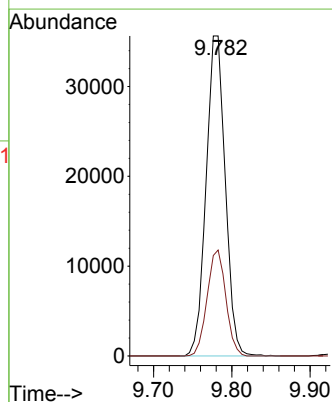
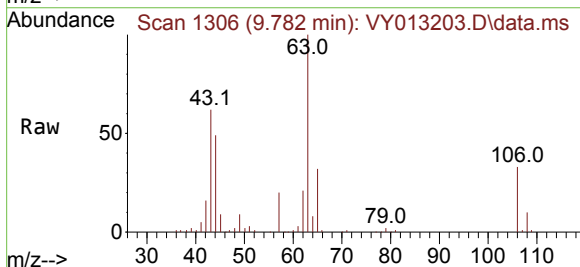
Acq: 05 Apr 2023 11:46

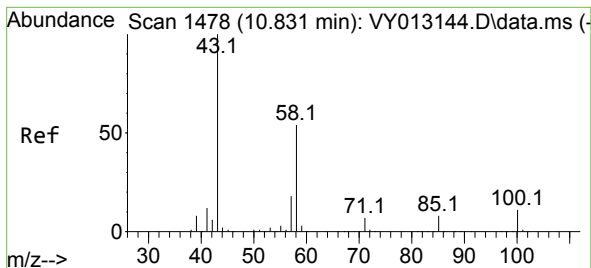
Tgt Ion: 63 Resp: 60499

Ion Ratio Lower Upper

63 100

106 32.2 22.1 33.1

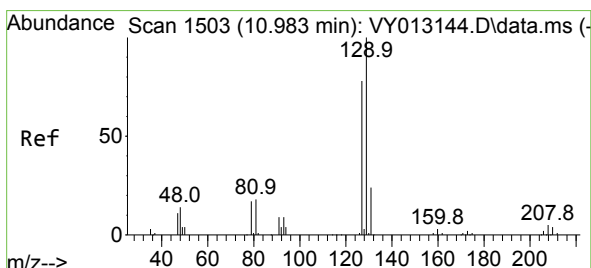
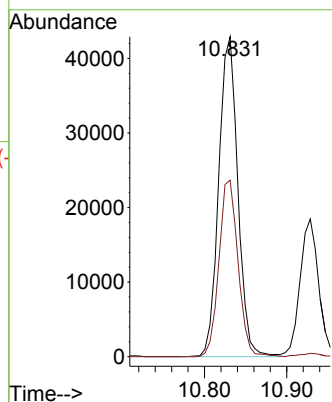
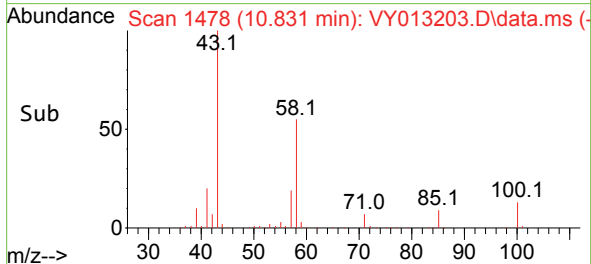
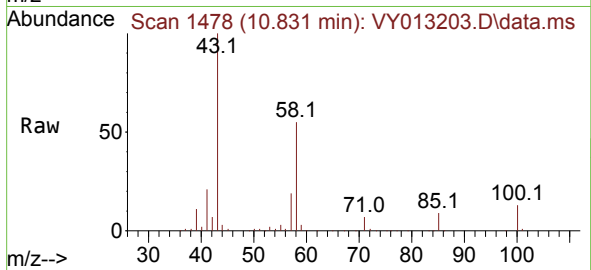




#59
2-Hexanone
Concen: 99.650 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

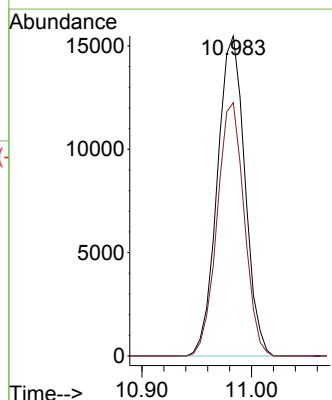
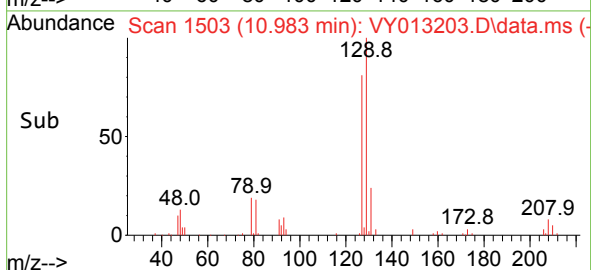
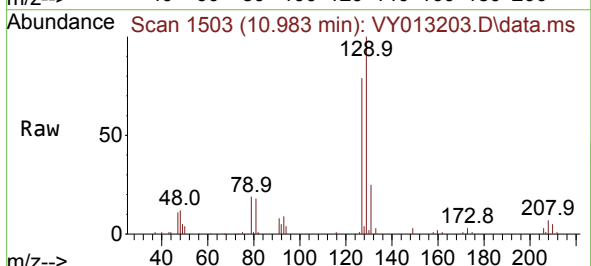
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

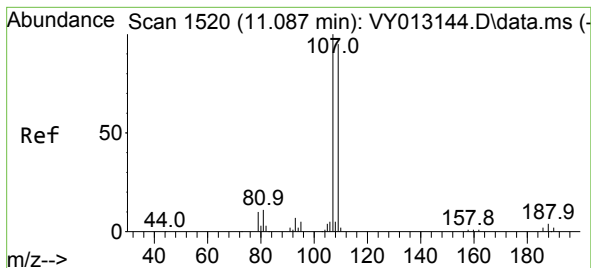
Tgt Ion: 43 Resp: 69249
Ion Ratio Lower Upper
43 100
58 55.1 25.9 77.8



#60
Dibromochloromethane
Concen: 21.406 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 129 Resp: 27036
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

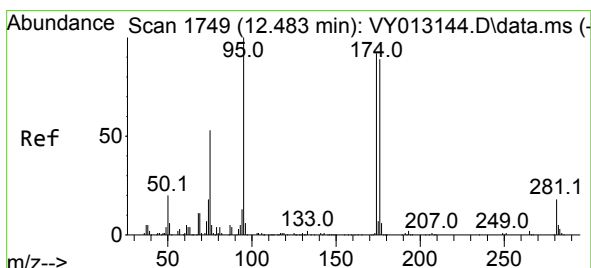
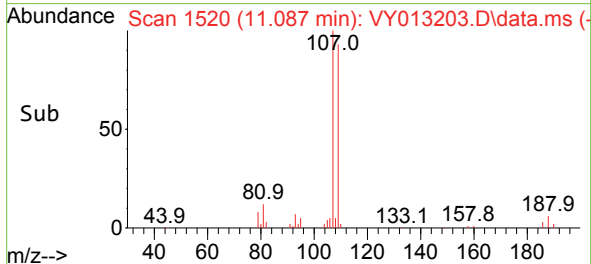
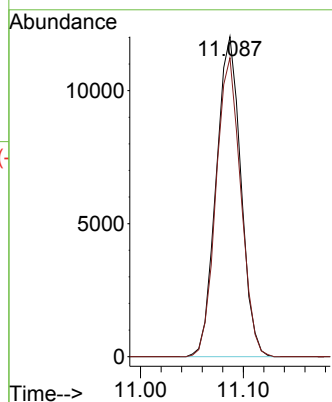
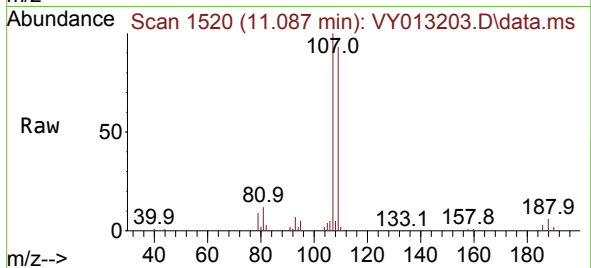




#61
1,2-Dibromoethane
Concen: 20.565 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

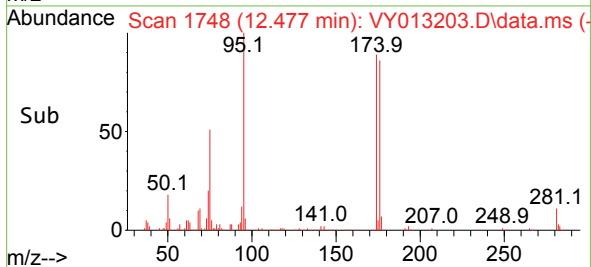
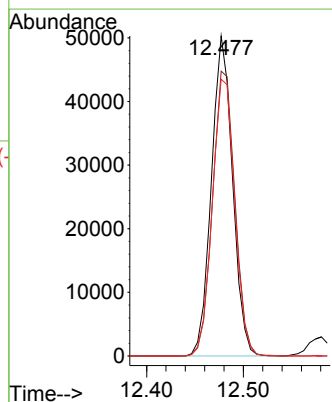
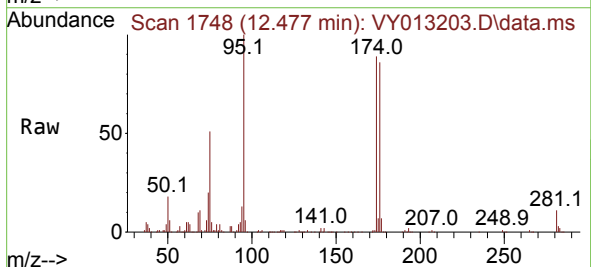
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

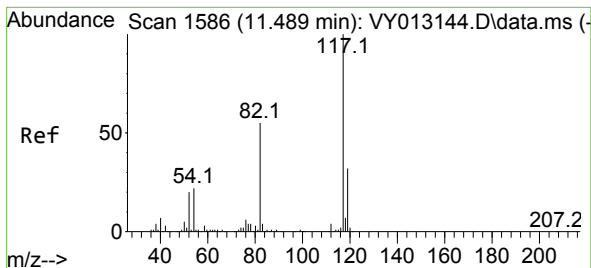
Tgt Ion:107 Resp: 20037
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 53.348 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 95 Resp: 76247
Ion Ratio Lower Upper
95 100
174 94.0 0.0 176.6
176 91.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

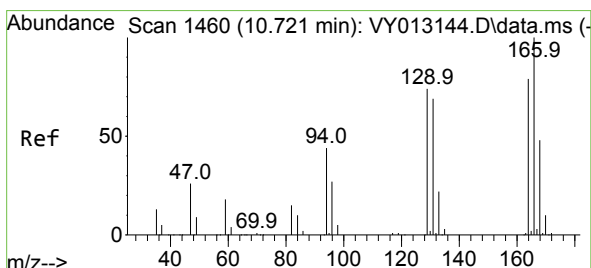
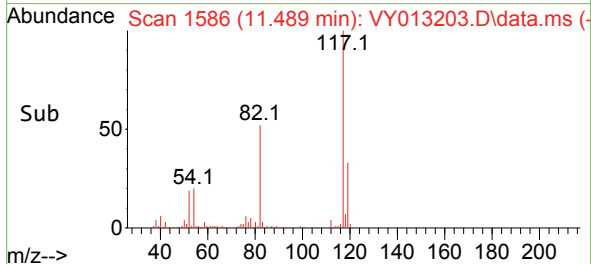
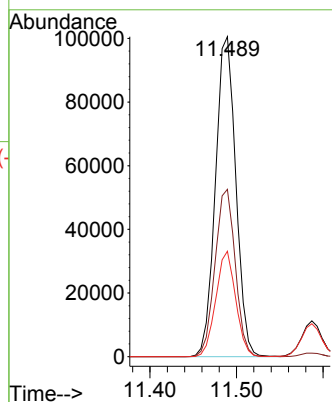
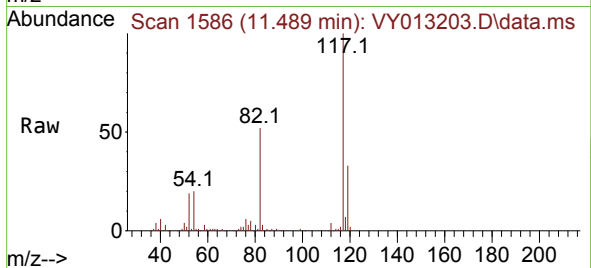
Tgt Ion:117 Resp: 164288

Ion Ratio Lower Upper

117 100

82 52.3 45.4 68.0

119 32.9 25.6 38.4



#64

Tetrachloroethene

Concen: 20.633 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Tgt Ion:164 Resp: 26060

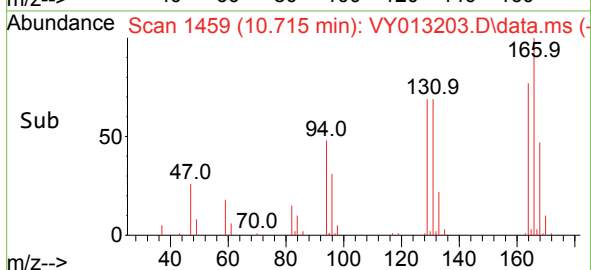
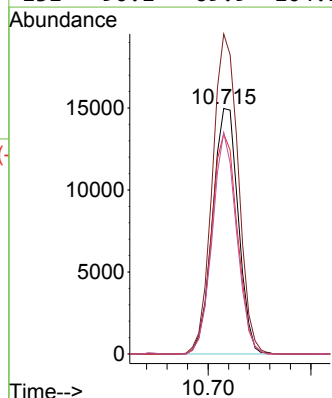
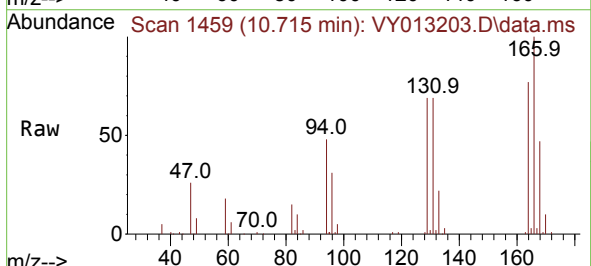
Ion Ratio Lower Upper

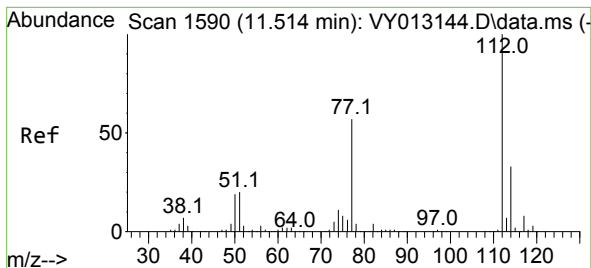
164 100

166 130.4 103.4 155.2

129 89.7 71.4 107.2

131 90.1 69.9 104.9

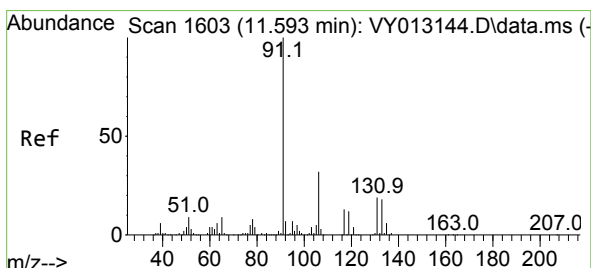
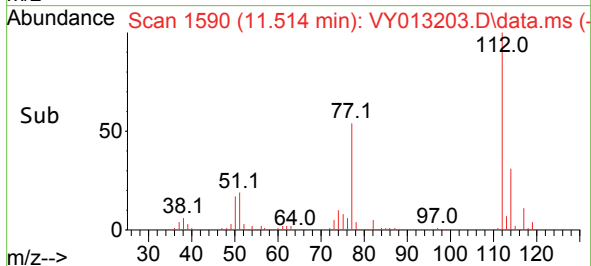
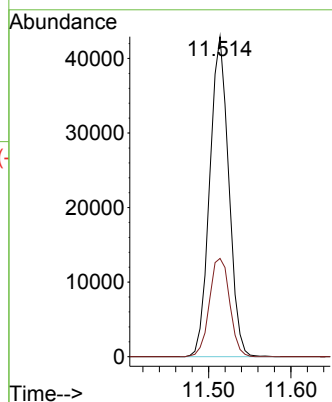
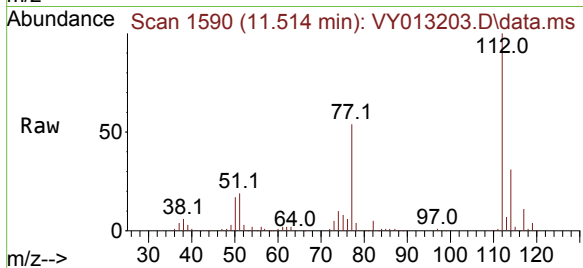




#65
Chlorobenzene
Concen: 19.722 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

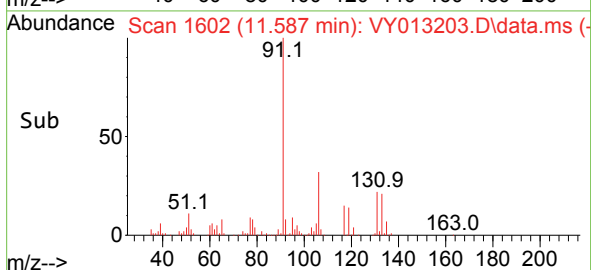
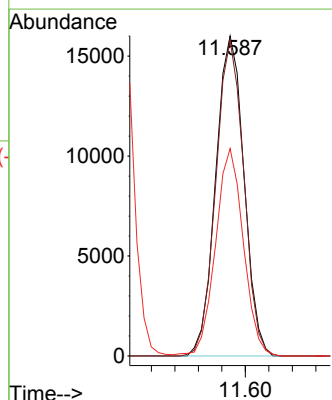
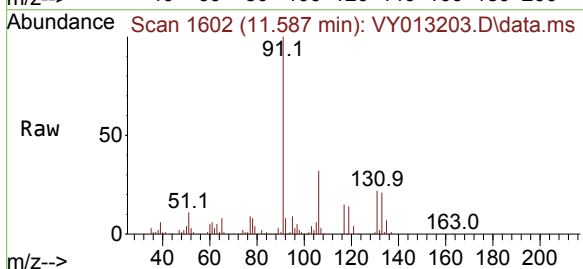
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

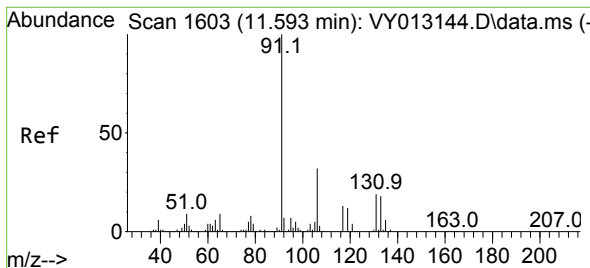
Tgt Ion:112 Resp: 68785
Ion Ratio Lower Upper
112 100
114 30.7 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.467 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion:131 Resp: 26761
Ion Ratio Lower Upper
131 100
133 97.3 48.0 144.0
119 63.8 32.6 98.0





#67

Ethyl Benzene

Concen: 19.668 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

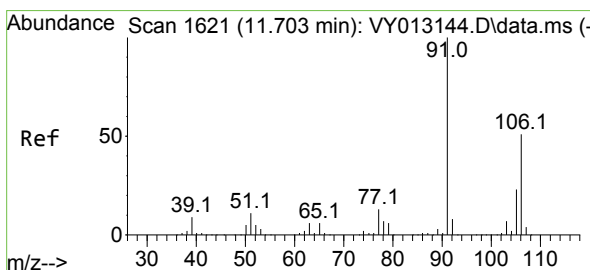
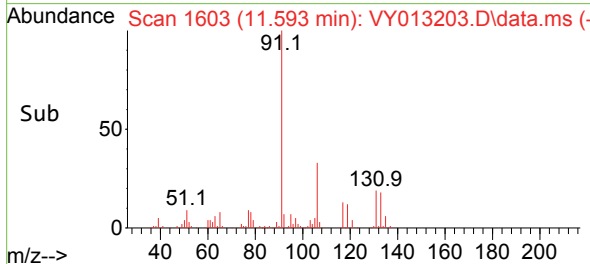
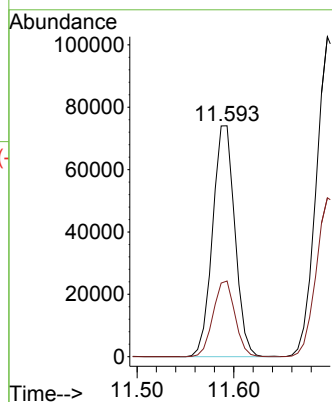
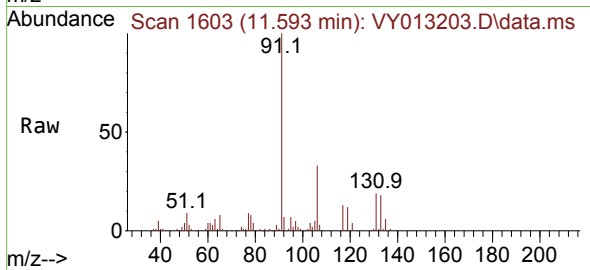
VY0405SBS01

Tgt Ion: 91 Resp: 118477

Ion Ratio Lower Upper

91 100

106 32.8 25.1 37.7



#68

m/p-Xylenes

Concen: 40.812 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013203.D

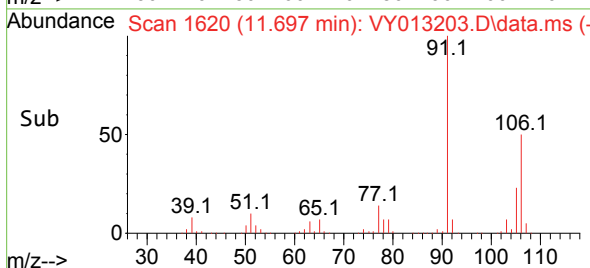
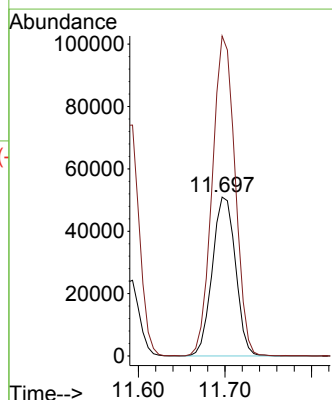
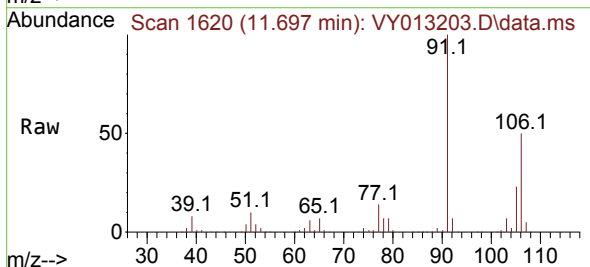
Acq: 05 Apr 2023 11:46

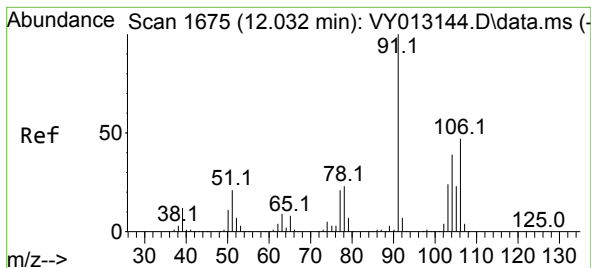
Tgt Ion:106 Resp: 95099

Ion Ratio Lower Upper

106 100

91 197.3 159.8 239.8





#69

o-Xylene

Concen: 20.836 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

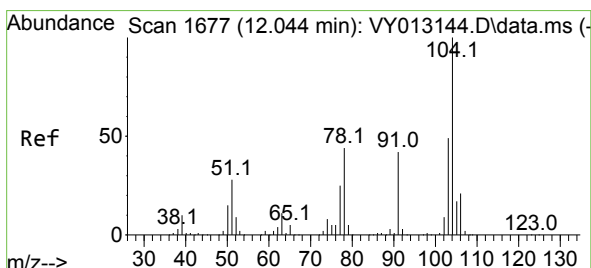
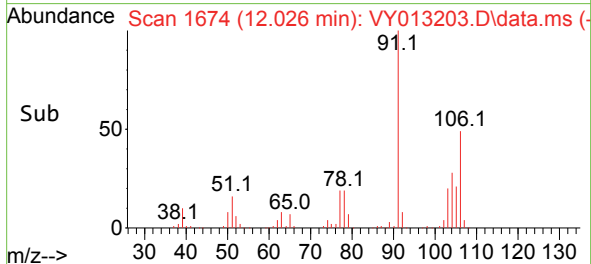
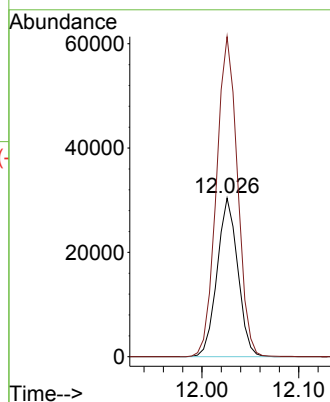
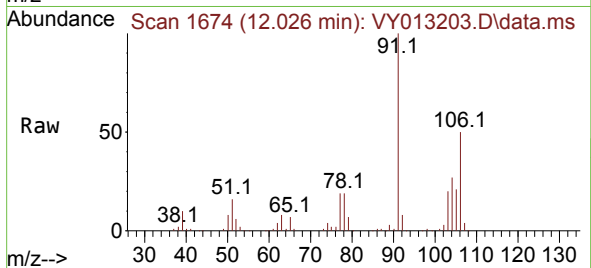
VY0405SBS01

Tgt Ion:106 Resp: 45034

Ion Ratio Lower Upper

106 100

91 206.4 107.2 321.6



#70

Styrene

Concen: 20.767 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

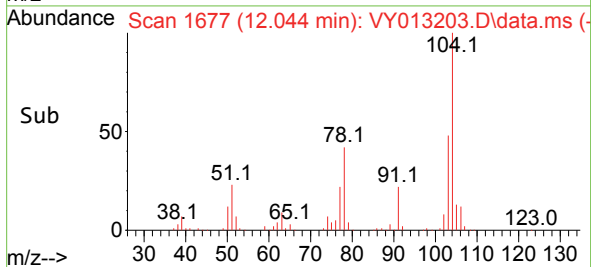
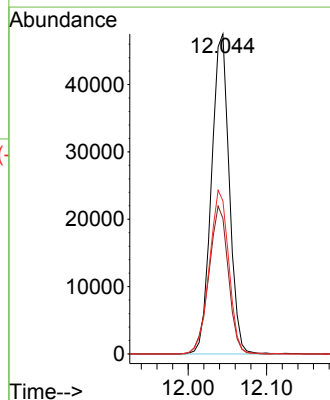
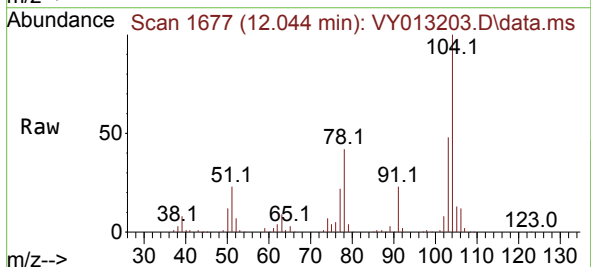
Tgt Ion:104 Resp: 75084

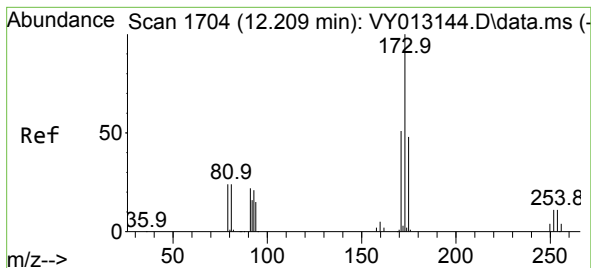
Ion Ratio Lower Upper

104 100

78 50.4 39.2 58.8

103 55.7 43.7 65.5





#71

Bromoform

Concen: 23.301 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

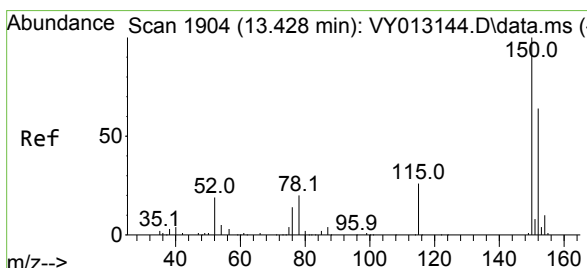
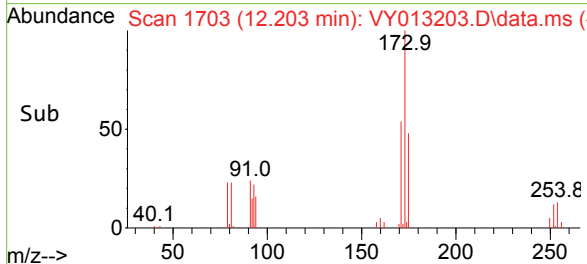
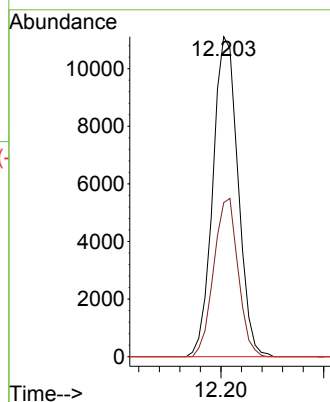
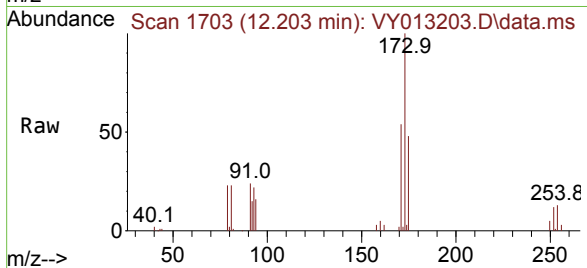
Tgt Ion:173 Resp: 18892

Ion Ratio Lower Upper

173 100

175 48.0 25.0 75.0

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. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

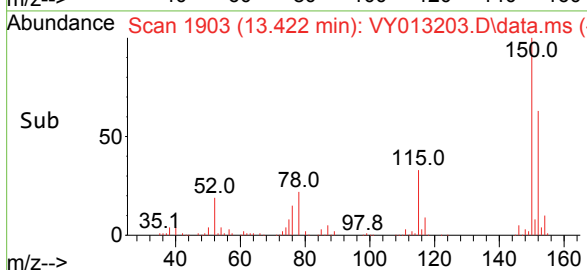
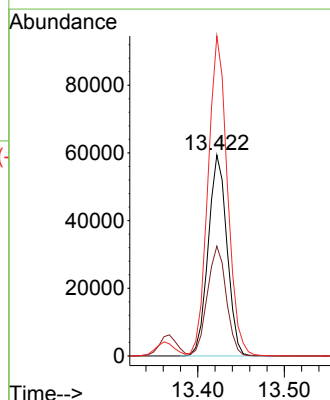
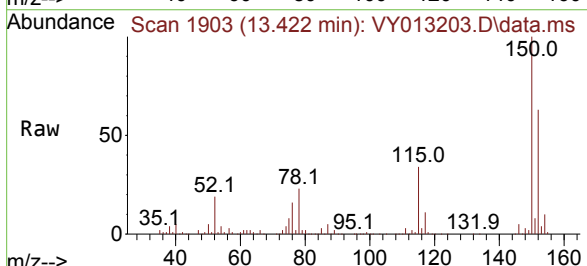
Tgt Ion:152 Resp: 89355

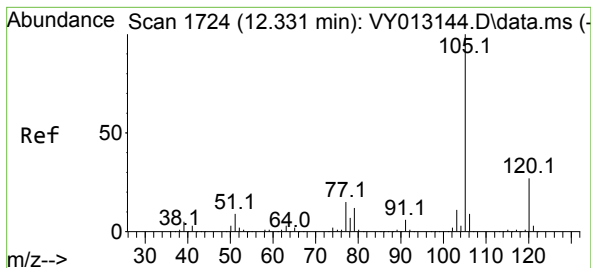
Ion Ratio Lower Upper

152 100

115 55.1 27.1 81.3

150 164.8 0.0 347.8





#73

Isopropylbenzene

Concen: 19.110 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

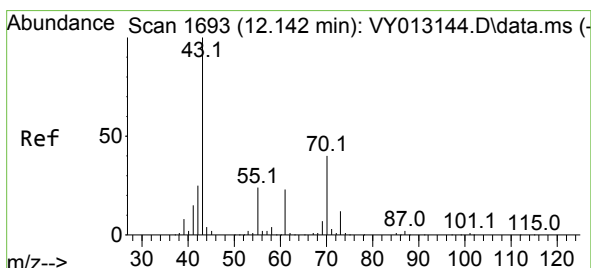
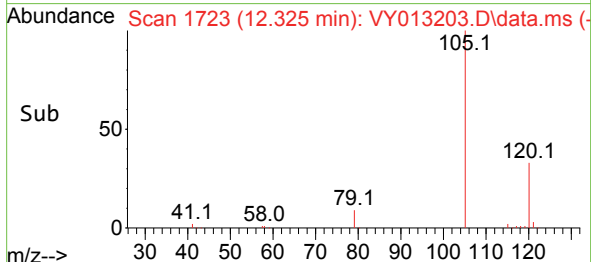
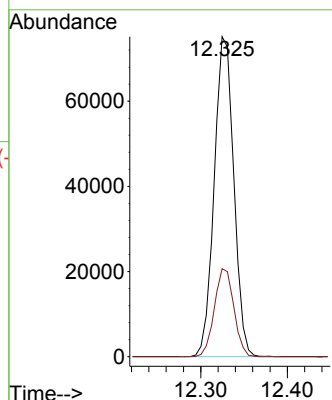
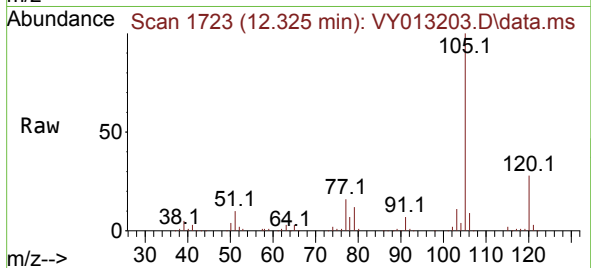
VY0405SBS01

Tgt Ion:105 Resp: 117871

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 17.660 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Tgt Ion: 43 Resp: 29907

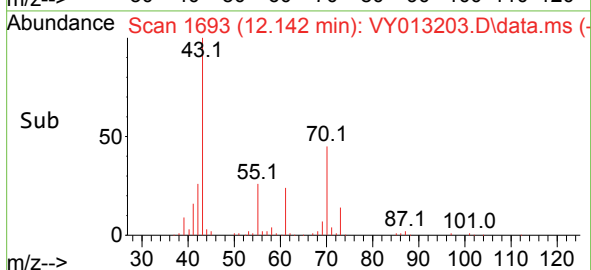
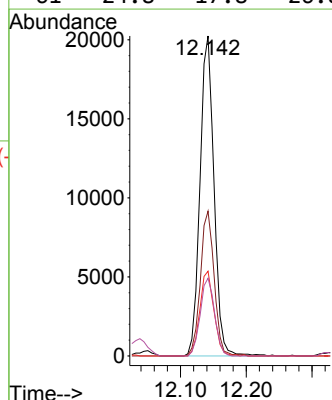
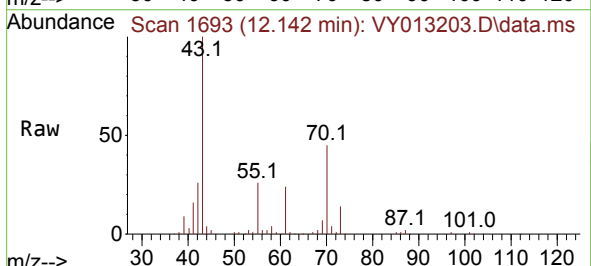
Ion Ratio Lower Upper

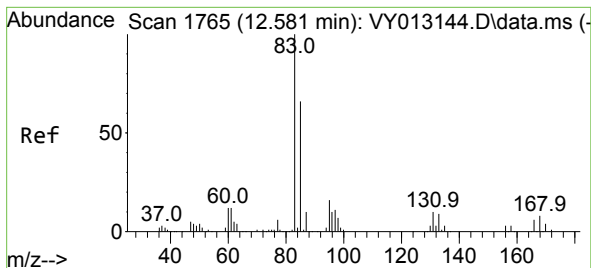
43 100

70 44.6 31.6 47.4

55 26.7 18.8 28.2

61 24.8 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.726 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

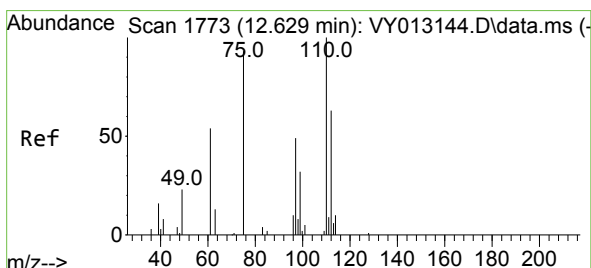
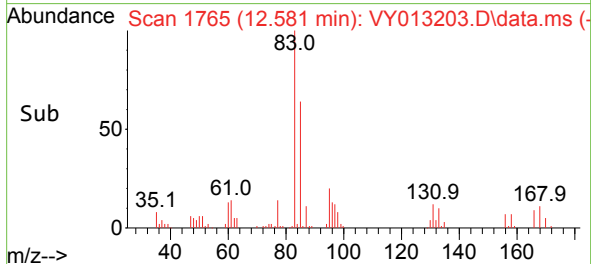
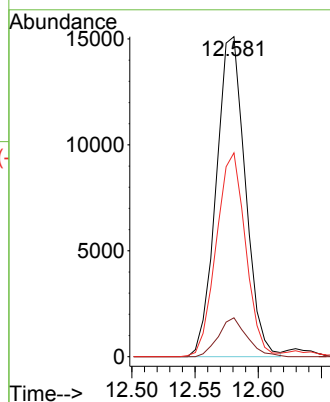
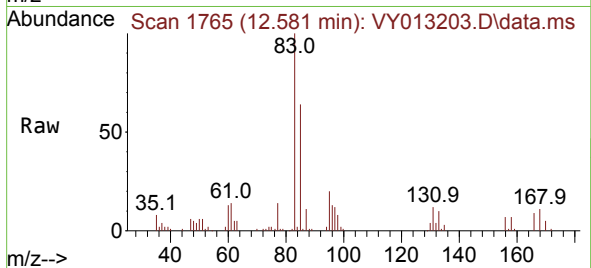
Tgt Ion: 83 Resp: 24194

Ion Ratio Lower Upper

83 100

131 11.9 5.1 15.2

85 64.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 32.271 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013203.D

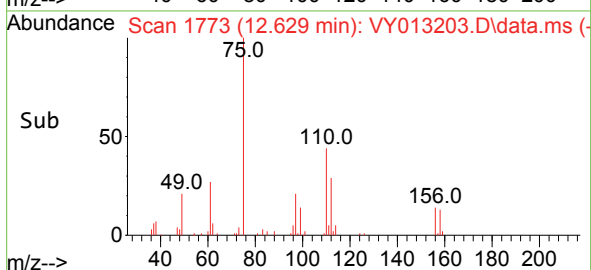
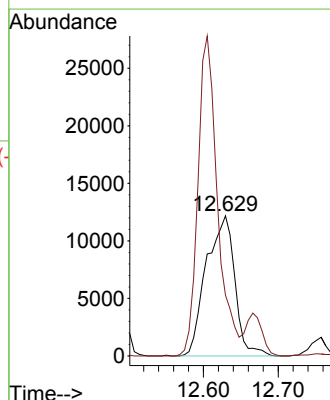
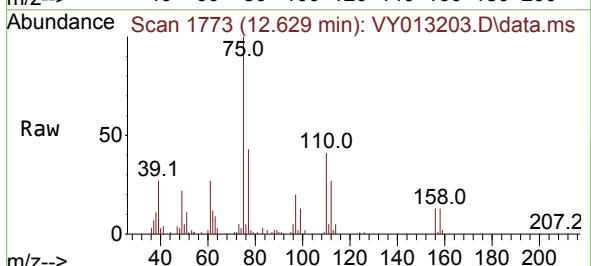
Acq: 05 Apr 2023 11:46

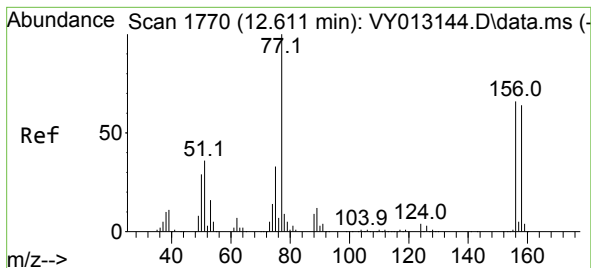
Tgt Ion: 75 Resp: 32394

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.153 ug/l

RT: 12.605 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

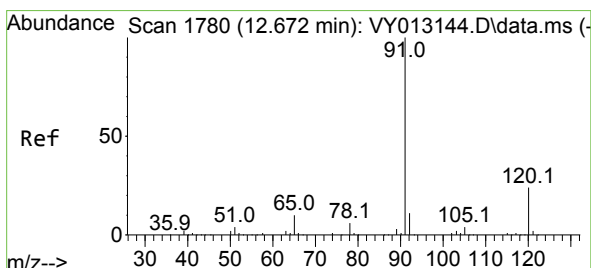
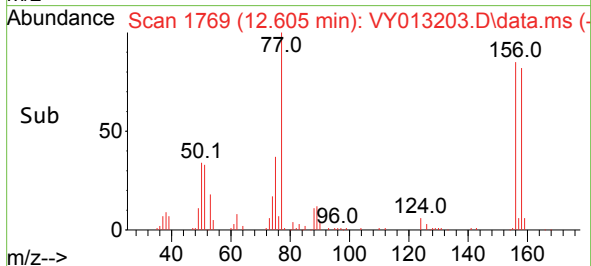
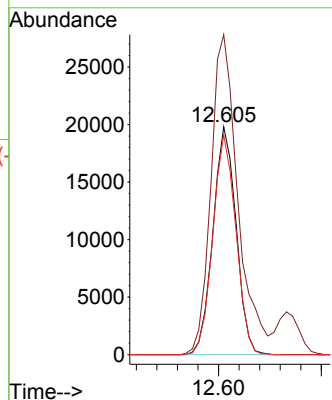
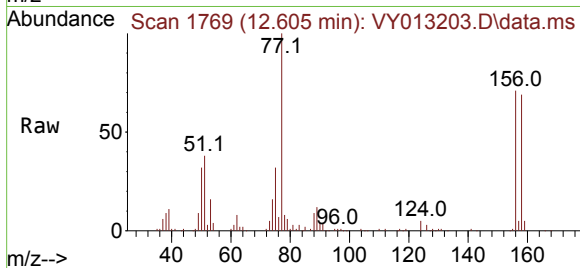
Tgt Ion:156 Resp: 30905

Ion Ratio Lower Upper

156 100

77 163.6 94.0 282.1

158 96.2 48.1 144.4



#78

n-propylbenzene

Concen: 18.635 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013203.D

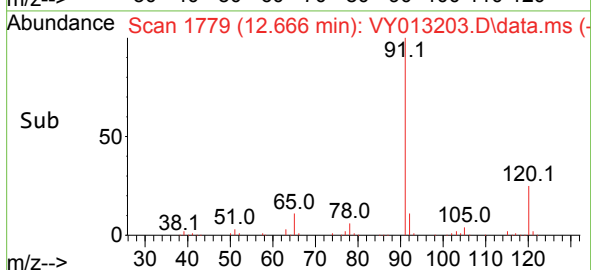
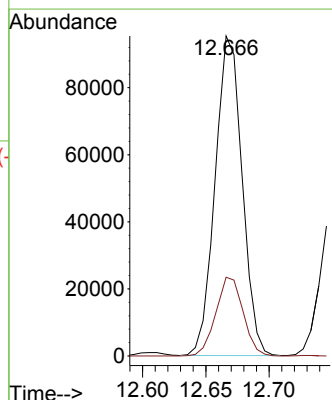
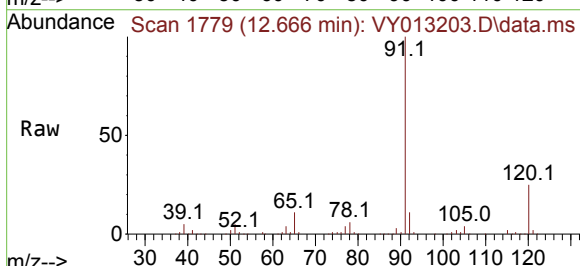
Acq: 05 Apr 2023 11:46

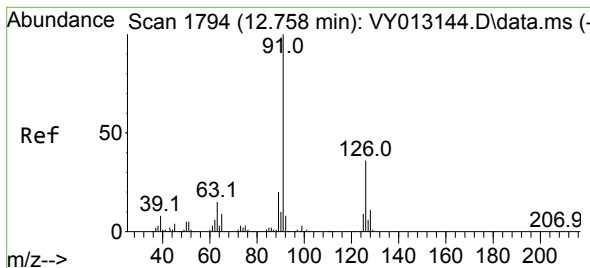
Tgt Ion: 91 Resp: 141321

Ion Ratio Lower Upper

91 100

120 24.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 18.457 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

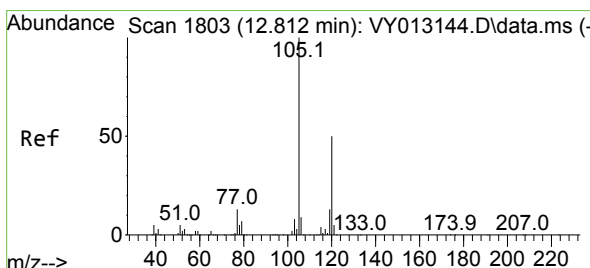
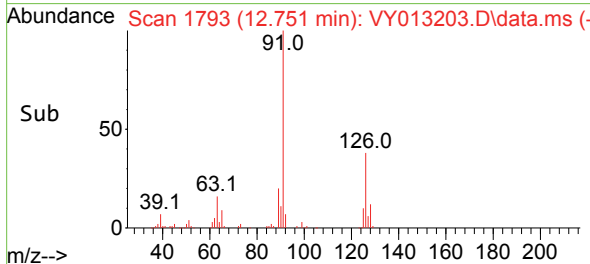
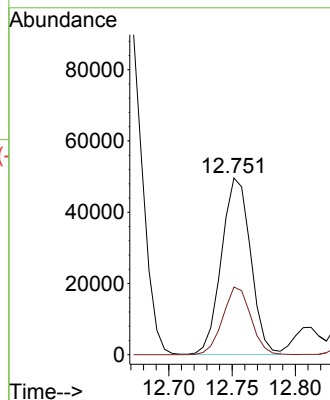
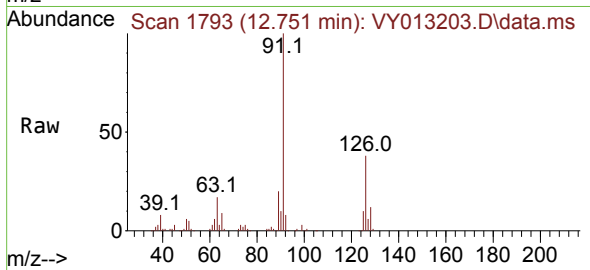
VY0405SBS01

Tgt Ion: 91 Resp: 79429

Ion Ratio Lower Upper

91 100

126 36.9 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 19.556 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY013203.D

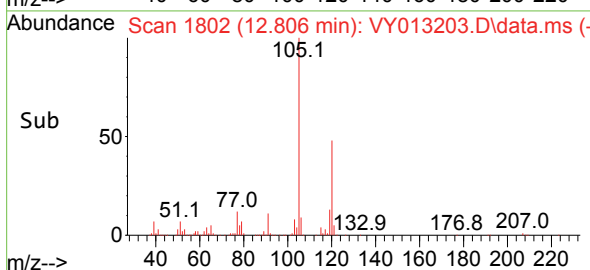
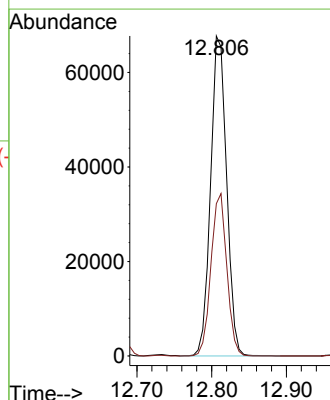
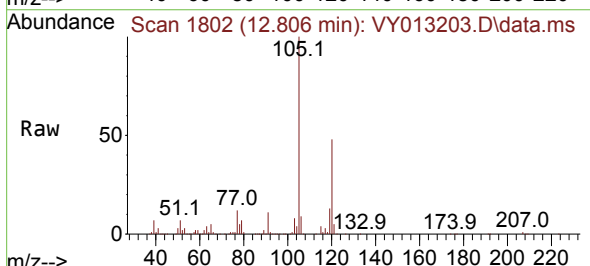
Acq: 05 Apr 2023 11:46

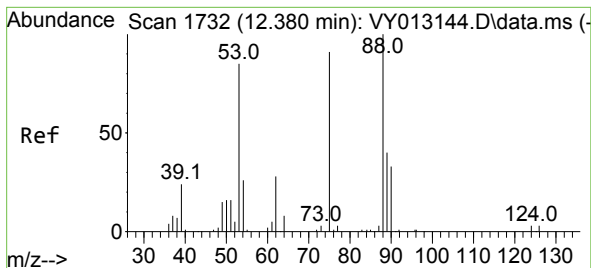
Tgt Ion:105 Resp: 100848

Ion Ratio Lower Upper

105 100

120 50.2 24.8 74.4

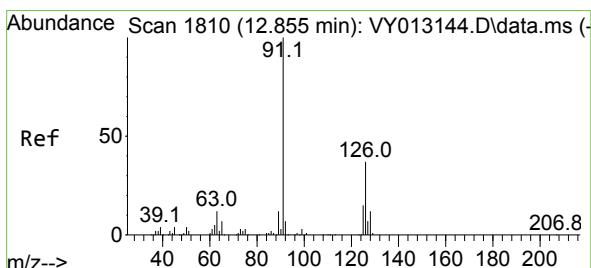
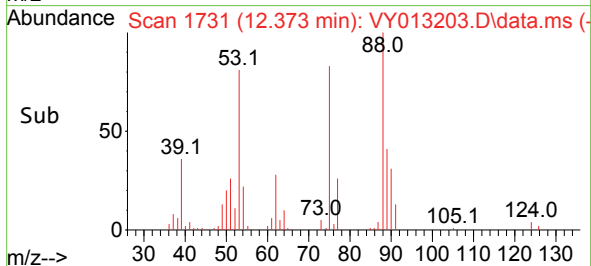
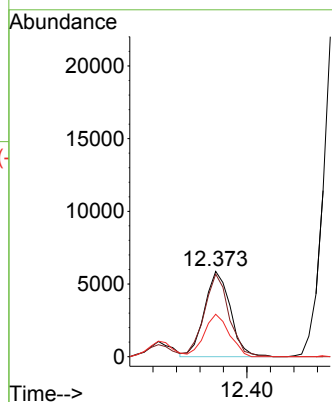
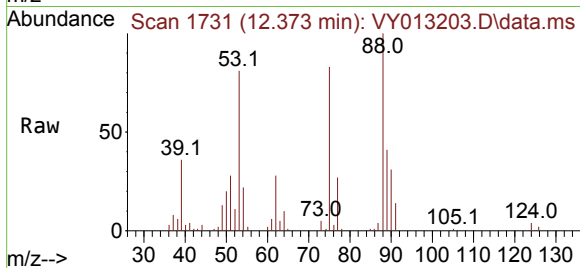




#81
trans-1,4-Dichloro-2-butene
Concen: 19.944 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

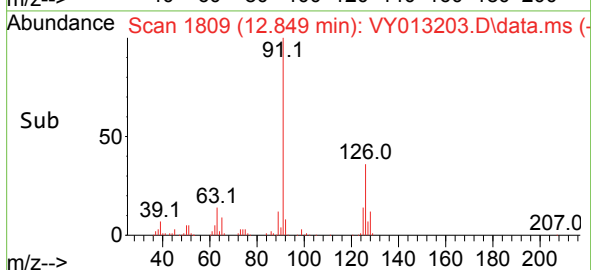
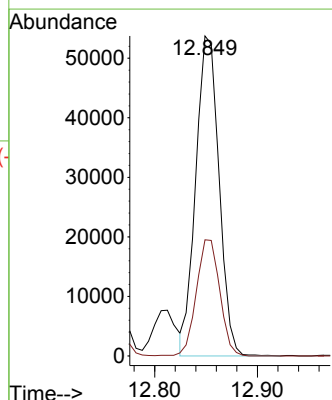
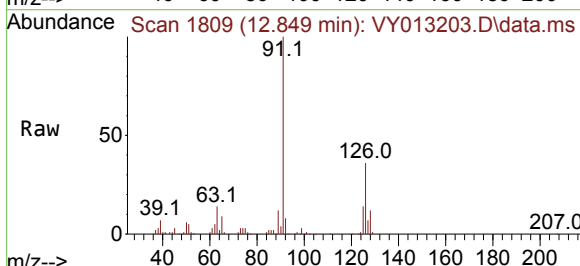
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

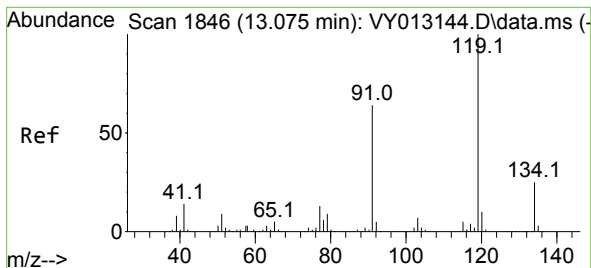
Tgt Ion: 75 Resp: 8977
Ion Ratio Lower Upper
75 100
53 92.9 73.4 110.0
89 48.0 36.6 55.0



#82
4-Chlorotoluene
Concen: 18.901 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013203.D
Acq: 05 Apr 2023 11:46

Tgt Ion: 91 Resp: 84653
Ion Ratio Lower Upper
91 100
126 36.6 17.7 53.1





#83

tert-Butylbenzene

Concen: 20.644 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

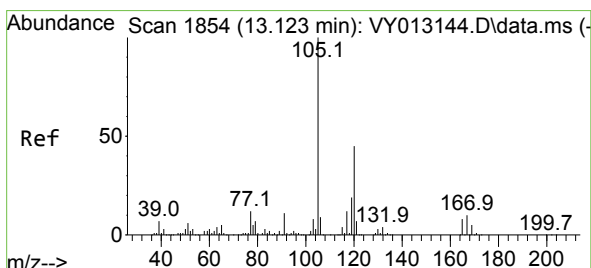
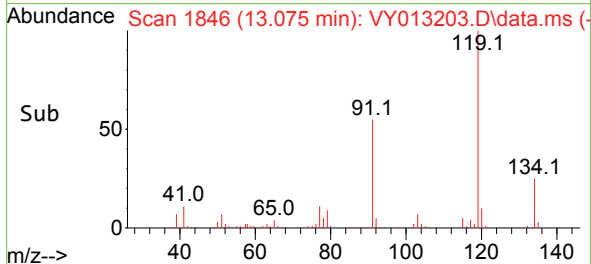
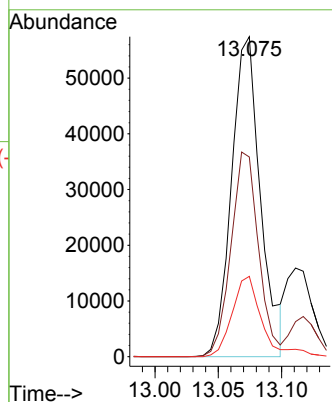
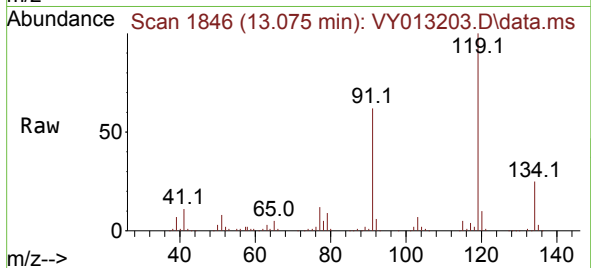
Tgt Ion:119 Resp: 91438

Ion Ratio Lower Upper

119 100

91 61.1 32.8 98.3

134 25.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 19.927 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013203.D

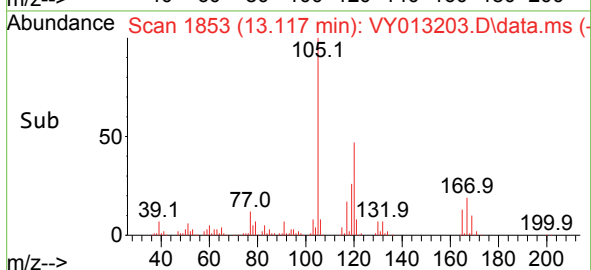
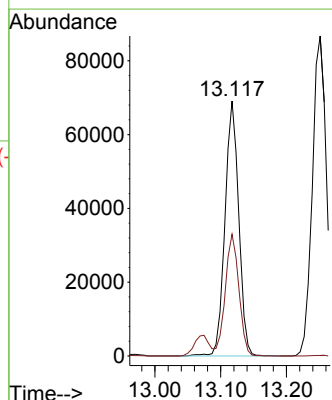
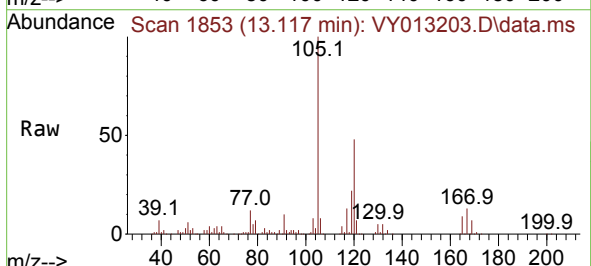
Acq: 05 Apr 2023 11:46

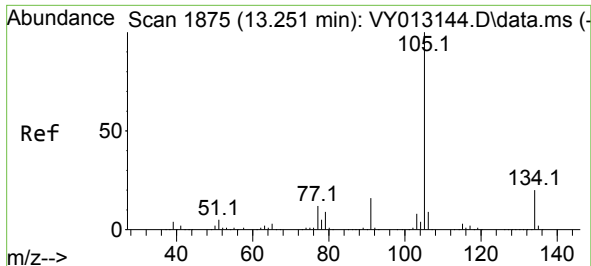
Tgt Ion:105 Resp: 100631

Ion Ratio Lower Upper

105 100

120 47.4 23.0 69.0

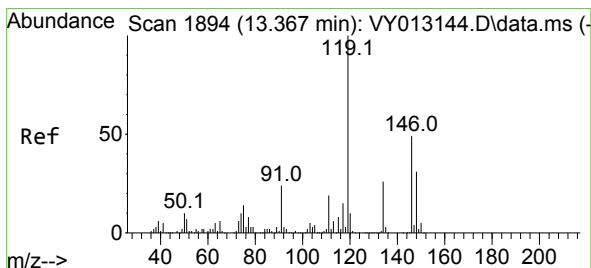
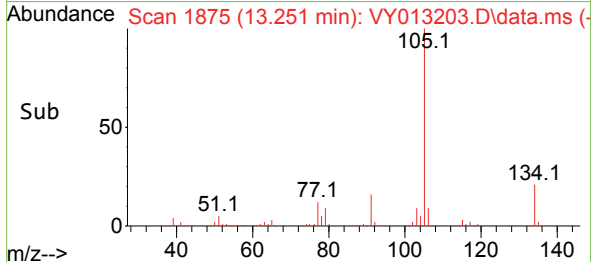
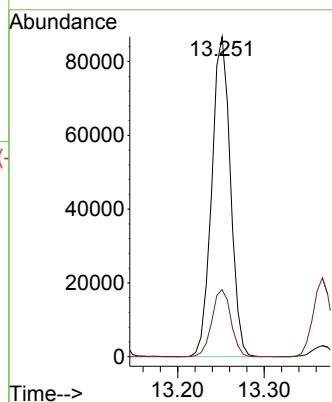
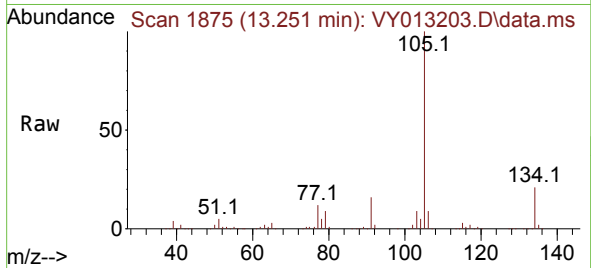




#85
 sec-Butylbenzene
 Concen: 19.426 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013203.D
 Acq: 05 Apr 2023 11:46

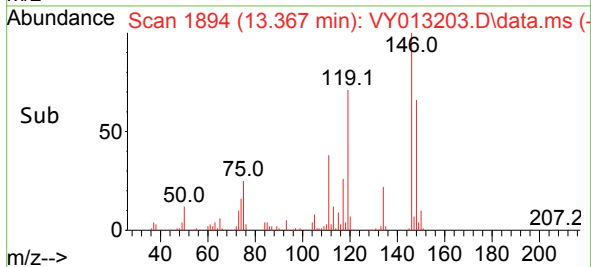
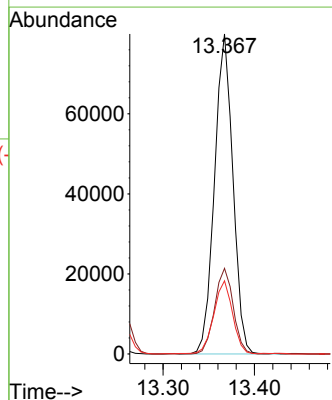
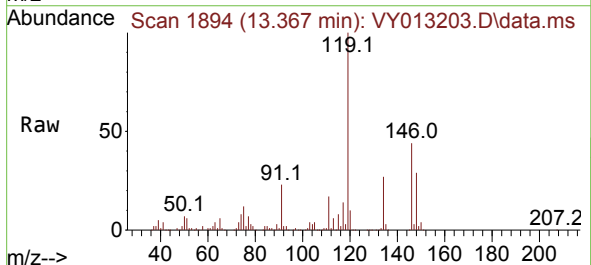
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBS01

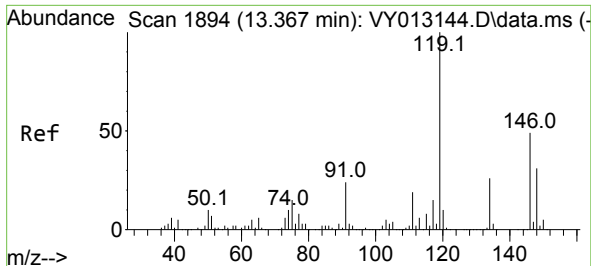
Tgt Ion:105 Resp: 129919
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.288 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013203.D
 Acq: 05 Apr 2023 11:46

Tgt Ion:119 Resp: 111697
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.6
 91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.970 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

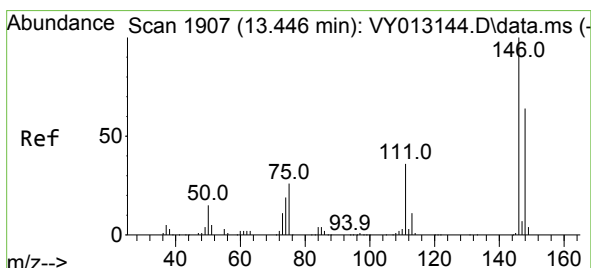
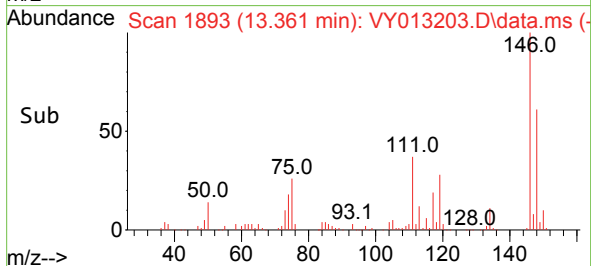
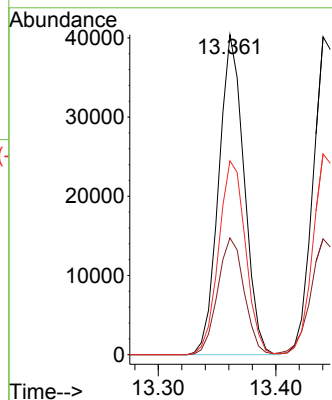
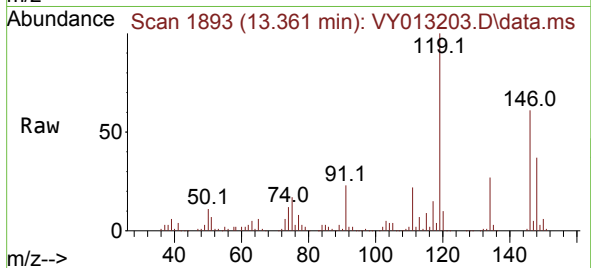
Tgt Ion:146 Resp: 60707

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.5

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.015 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

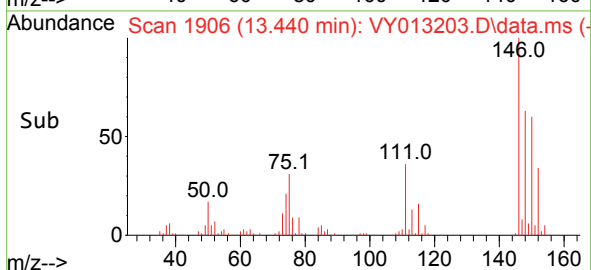
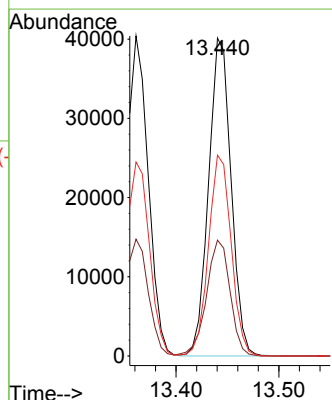
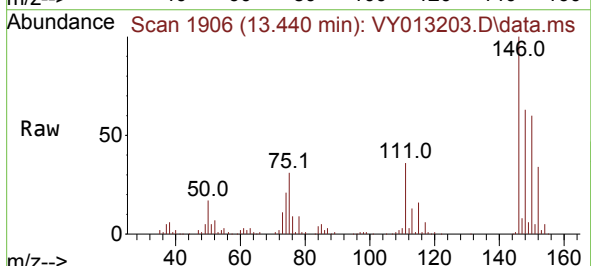
Tgt Ion:146 Resp: 60967

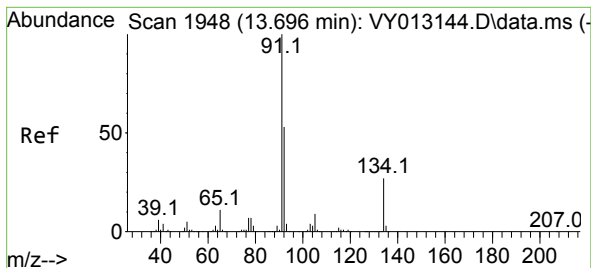
Ion Ratio Lower Upper

146 100

111 38.3 18.6 55.8

148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 18.879 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

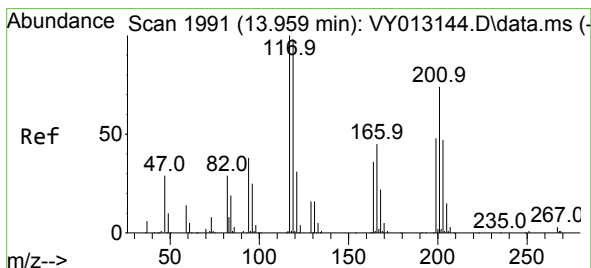
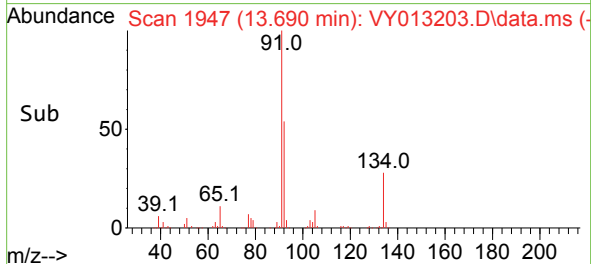
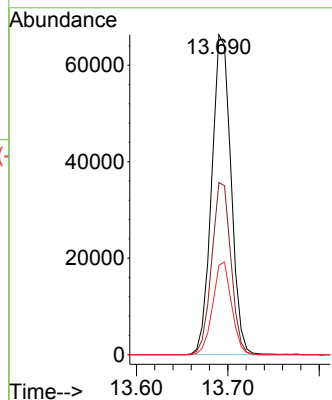
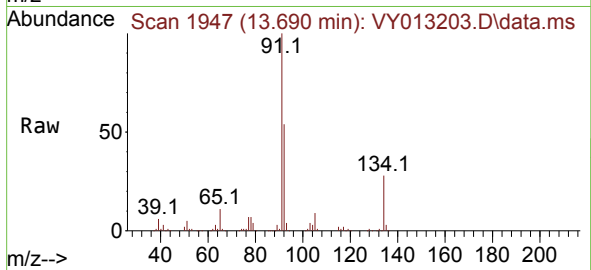
Tgt Ion: 91 Resp: 97169

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.0

134 28.2 13.0 38.9



#90

Hexachloroethane

Concen: 18.661 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY013203.D

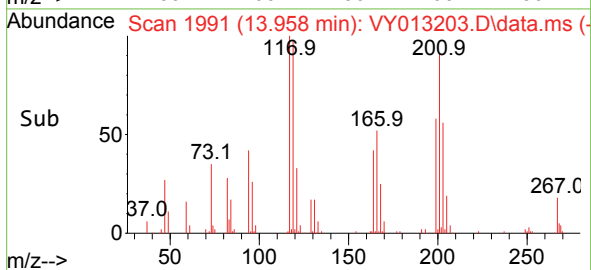
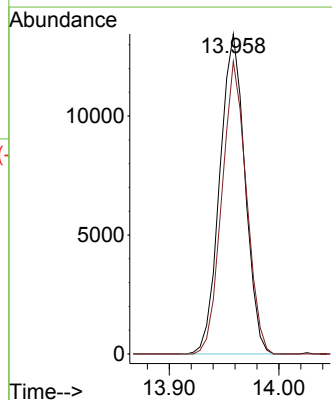
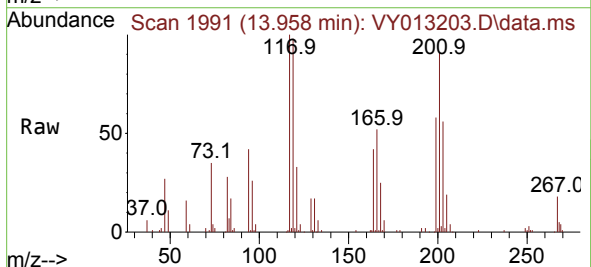
Acq: 05 Apr 2023 11:46

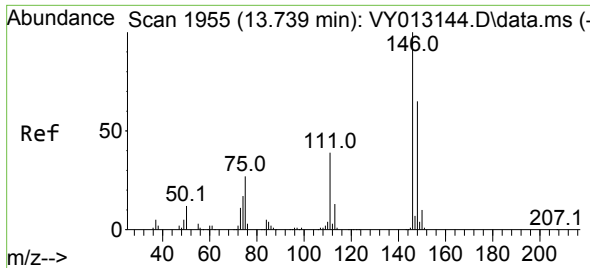
Tgt Ion: 117 Resp: 21403

Ion Ratio Lower Upper

117 100

201 88.9 39.4 118.1

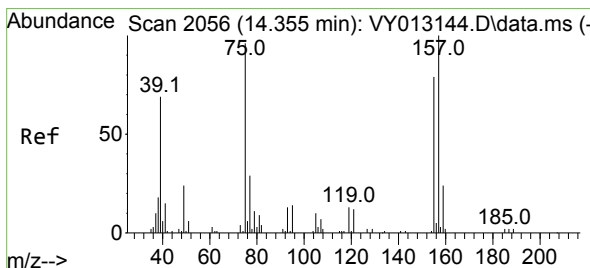
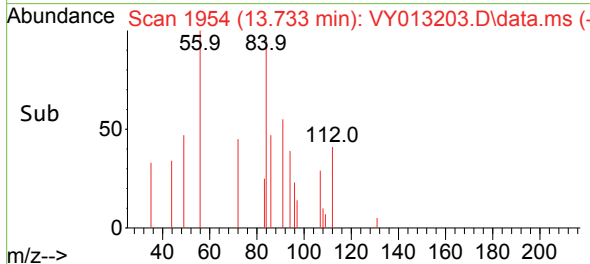
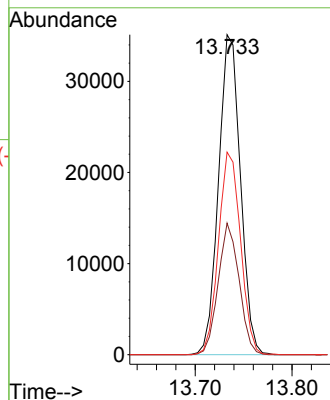
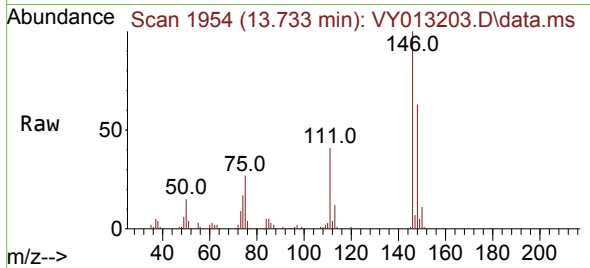




#91
 1,2-Dichlorobenzene
 Concen: 20.318 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: VY013203.D
 Acq: 05 Apr 2023 11:46

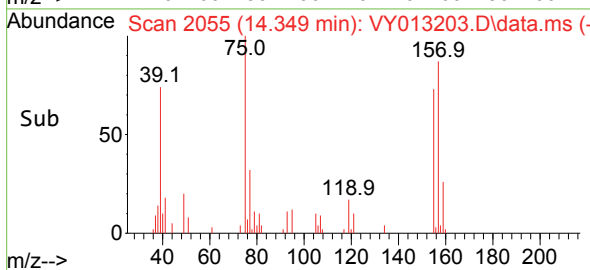
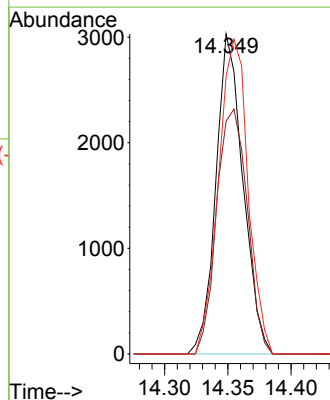
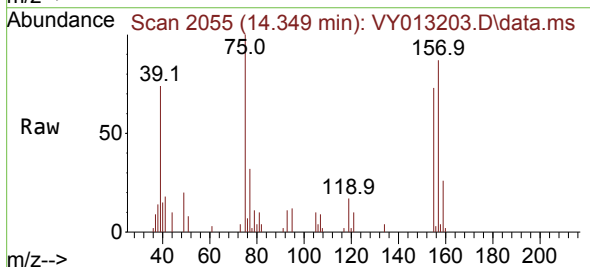
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBS01

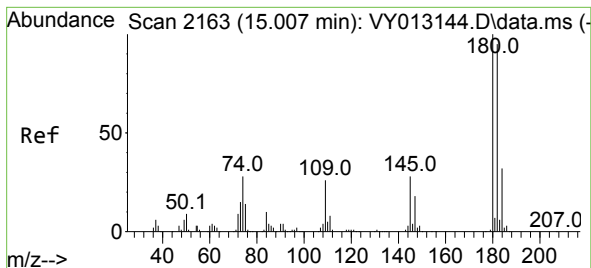
Tgt Ion:146	Resp:	55160
Ion Ratio	Lower	Upper
146	100	
111	39.3	19.7 59.1
148	63.8	31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.973 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.006 min
 Lab File: VY013203.D
 Acq: 05 Apr 2023 11:46

Tgt Ion: 75	Resp:	4509
Ion Ratio	Lower	Upper
75	100	
155	86.5	43.8 131.4
157	107.4	54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.142 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

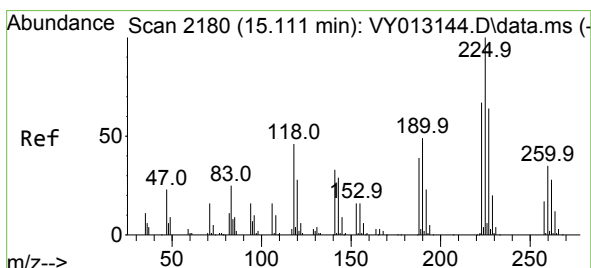
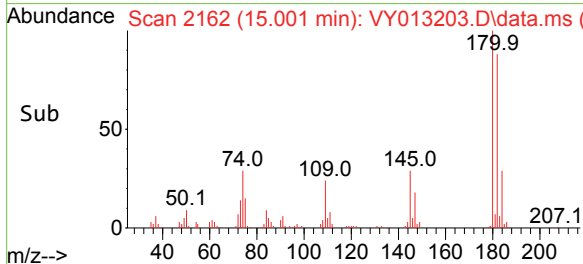
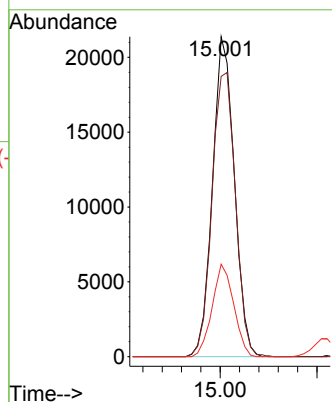
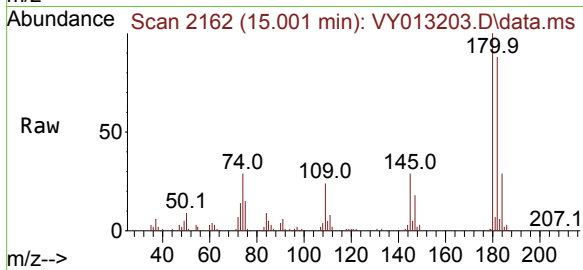
Tgt Ion:180 Resp: 33471

Ion Ratio Lower Upper

180 100

182 95.2 46.7 140.1

145 28.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.733 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

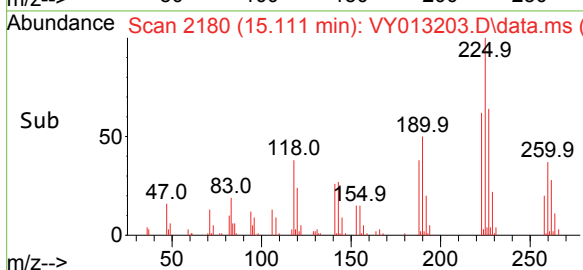
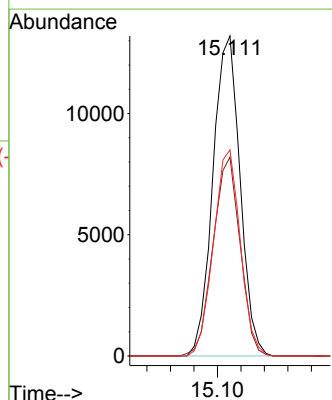
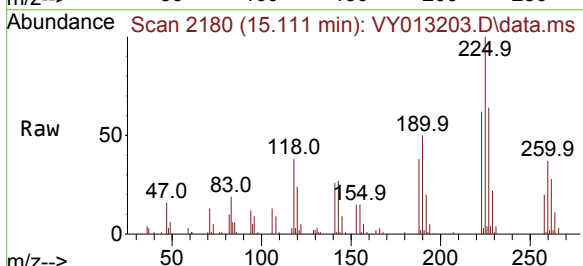
Tgt Ion:225 Resp: 21161

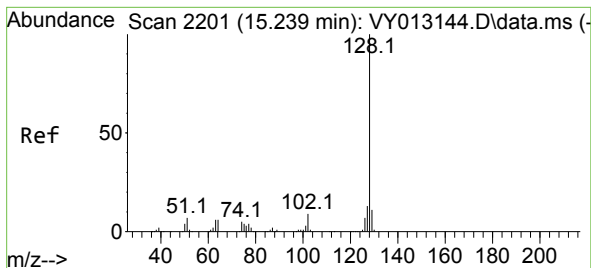
Ion Ratio Lower Upper

225 100

223 62.1 31.1 93.3

227 63.7 32.4 97.0





#95

Naphthalene

Concen: 21.253 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

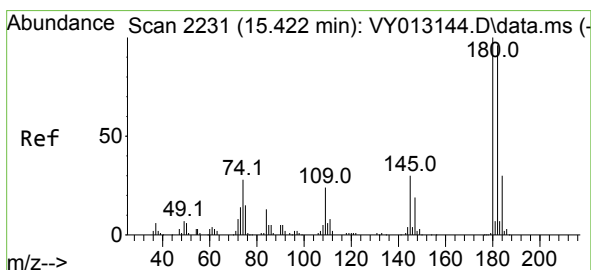
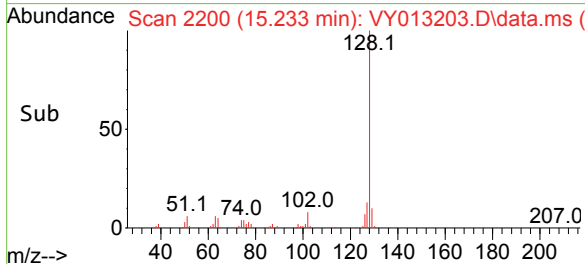
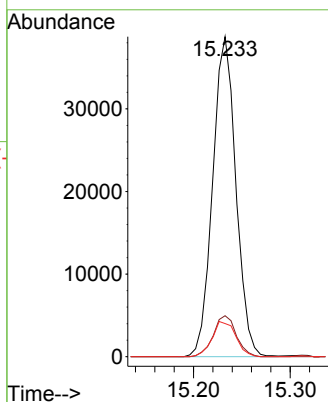
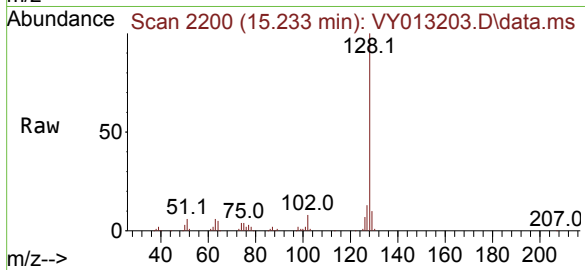
Tgt Ion:128 Resp: 64603

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.729 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013203.D

Acq: 05 Apr 2023 11:46

Tgt Ion:180 Resp: 30308

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.3

145 31.0 15.3 45.8

