

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013022.D
 Acq On : 21 Mar 2023 13:13
 Operator : KP/MD
 Sample : VY0321SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

Quant Time: Mar 22 04:18:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	107712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	166737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51819	48.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.716	113	52119	51.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.179	98	165886	45.094	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.180%
62) 4-Bromofluorobenzene	12.483	95	63610	51.231	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21781	20.516	ug/l	96
3) Chloromethane	2.113	50	21454	16.903	ug/l	100
4) Vinyl Chloride	2.253	62	20629	17.725	ug/l	99
5) Bromomethane	2.638	94	14823	20.960	ug/l	85
6) Chloroethane	2.790	64	13451	19.298	ug/l	96
7) Trichlorofluoromethane	3.125	101	35144	18.181	ug/l	97
8) Diethyl Ether	3.528	74	14731	21.746	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.900	101	25040	21.531	ug/l	99
10) Methyl Iodide	4.088	142	29505	19.471	ug/l	98
11) Tert butyl alcohol	4.954	59	18502	141.705	ug/l	98
12) 1,1-Dichloroethene	3.869	96	23424	21.118	ug/l	96
13) Acrolein	3.729	56	14711	78.515	ug/l	99
14) Allyl chloride	4.479	41	43024	20.999	ug/l	99
15) Acrylonitrile	5.161	53	42735	119.732	ug/l	99
16) Acetone	3.948	43	48949	116.611	ug/l	100
17) Carbon Disulfide	4.192	76	69037	18.286	ug/l	99
18) Methyl Acetate	4.473	43	29572	23.657	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	65361	22.814	ug/l	98
20) Methylene Chloride	4.710	84	32489	22.398	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	25141	20.858	ug/l	98
22) Diisopropyl ether	6.119	45	86349	23.203	ug/l	96
23) Vinyl Acetate	6.058	43	266417	115.220	ug/l	100
24) 1,1-Dichloroethane	6.015	63	46397	21.880	ug/l	98
25) 2-Butanone	6.984	43	64647	124.342	ug/l	97
26) 2,2-Dichloropropane	6.978	77	41043	21.792	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	28272	21.877	ug/l	100
28) Bromochloromethane	7.332	49	17719	22.865	ug/l	97
29) Tetrahydrofuran	7.344	42	39193	124.990	ug/l	99
30) Chloroform	7.509	83	46488	22.194	ug/l	95
31) Cyclohexane	7.783	56	40649	19.846	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	41415	21.864	ug/l	99
36) 1,1-Dichloropropene	7.917	75	35350	20.964	ug/l	97
37) Ethyl Acetate	7.070	43	26453	24.889	ug/l	98
38) Carbon Tetrachloride	7.899	117	37214	21.371	ug/l	98
39) Methylcyclohexane	9.179	83	39809	19.857	ug/l	97
40) Benzene	8.161	78	103075	21.609	ug/l	98

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Instrument :
 MSVOA_Y
 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	36110	63.061	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	31893	22.239	ug/l	98
43) Isopropyl Acetate	8.271	43	45121	23.795	ug/l	99
44) Trichloroethene	8.935	130	26809	21.317	ug/l	98
45) 1,2-Dichloropropane	9.216	63	26223	21.753	ug/l	97
46) Dibromomethane	9.307	93	15714	22.881	ug/l	99
47) Bromodichloromethane	9.496	83	36384	22.481	ug/l #	97
48) Methyl methacrylate	9.295	41	20634	23.616	ug/l	98
49) 1,4-Dioxane	9.295	88	4508	507.756	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	131486	127.833	ug/l	99
52) Toluene	10.246	92	63562	22.095	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	37796	22.265	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	41801	21.755	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	22287	23.302	ug/l	98
56) Ethyl methacrylate	10.508	69	29716	23.301	ug/l	98
57) 1,3-Dichloropropane	10.789	76	37733	23.163	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	80218	119.821	ug/l	99
59) 2-Hexanone	10.831	43	96206	128.695	ug/l	100
60) Dibromochloromethane	10.984	129	26362	22.643	ug/l	98
61) 1,2-Dibromoethane	11.087	107	20998	22.791	ug/l	97
64) Tetrachloroethene	10.721	164	23607	21.470	ug/l	98
65) Chlorobenzene	11.514	112	67028	21.148	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	26108	22.261	ug/l	99
67) Ethyl Benzene	11.593	91	118650	21.292	ug/l	98
68) m/p-Xylenes	11.703	106	92131	42.977	ug/l	100
69) o-Xylene	12.026	106	42935	21.460	ug/l	99
70) Styrene	12.044	104	72751	21.790	ug/l	99
71) Bromoform	12.209	173	17214	22.511	ug/l #	99
73) Isopropylbenzene	12.331	105	114117	20.081	ug/l	99
74) N-amyl acetate	12.142	43	39152	21.896	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	29041	22.733	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	36106	37.706	ug/l #	100
77) Bromobenzene	12.605	156	28870	20.912	ug/l	99
78) n-propylbenzene	12.672	91	144833	20.671	ug/l	98
79) 2-Chlorotoluene	12.758	91	80672	20.717	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	97136	20.712	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9809	21.225	ug/l	97
82) 4-Chlorotoluene	12.855	91	84942	21.073	ug/l	97
83) tert-Butylbenzene	13.075	119	84084	20.772	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	94477	20.601	ug/l	100
85) sec-Butylbenzene	13.251	105	127874	20.707	ug/l	99
86) p-Isopropyltoluene	13.367	119	103535	20.514	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	57163	21.468	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	55916	20.576	ug/l	96
89) n-Butylbenzene	13.697	91	98498	20.386	ug/l	100
90) Hexachloroethane	13.959	117	22247	21.163	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	52014	21.610	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4617	22.363	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	30172	20.359	ug/l	96
94) Hexachlorobutadiene	15.111	225	18406	20.363	ug/l	98
95) Naphthalene	15.233	128	62927	21.189	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	27241	20.668	ug/l	97

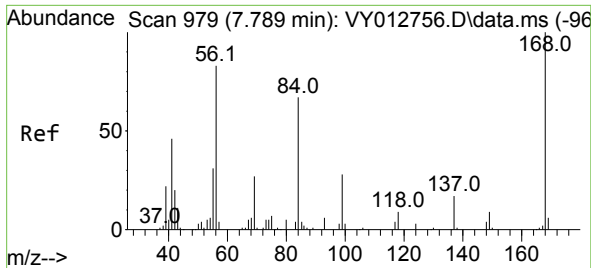
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
Data File : VY013022.D
Acq On : 21 Mar 2023 13:13
Operator : KP/MD
Sample : VY0321SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

Quant Time: Mar 22 04:18:31 2023
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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

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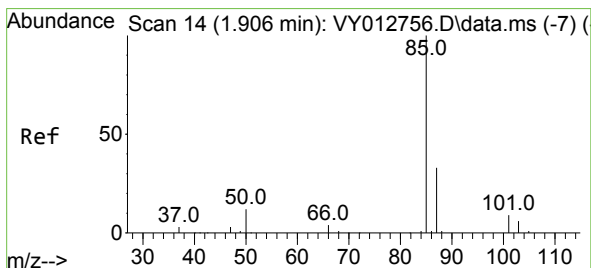
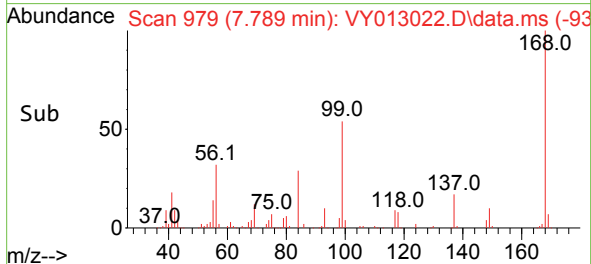
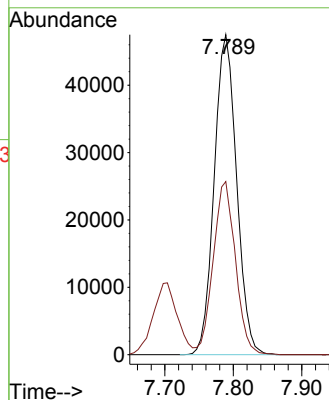
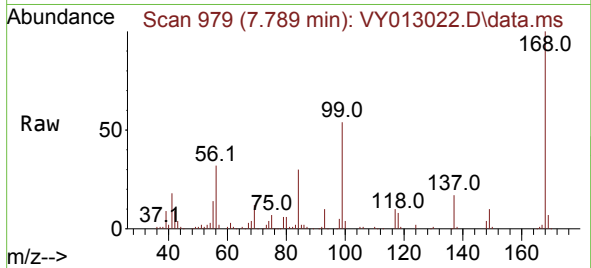
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

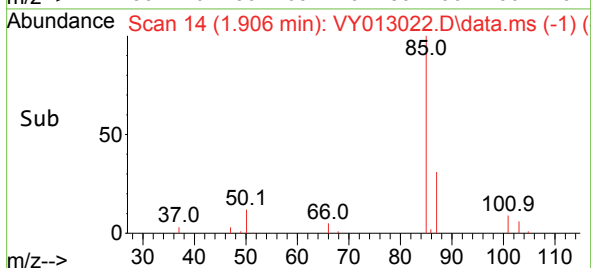
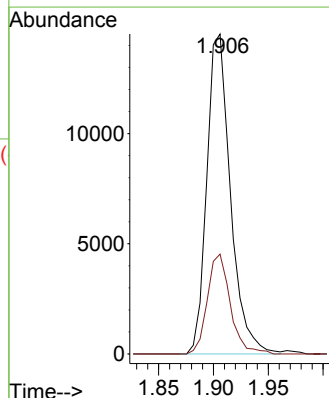
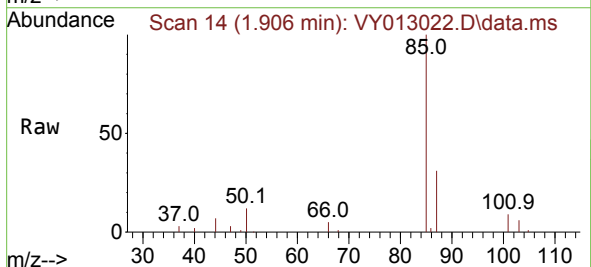
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

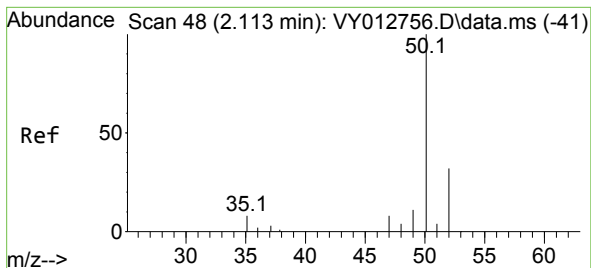
Tgt Ion:168 Resp: 107712
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 20.516 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 85 Resp: 21781
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.0





#3

Chloromethane

Concen: 16.903 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

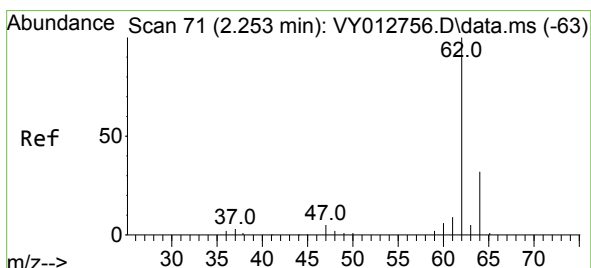
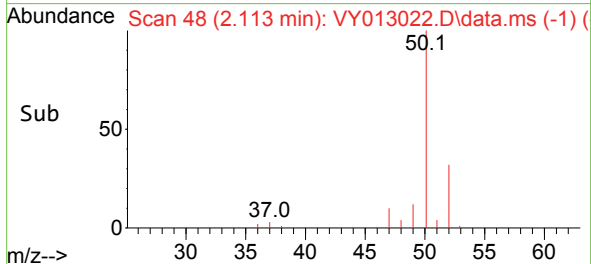
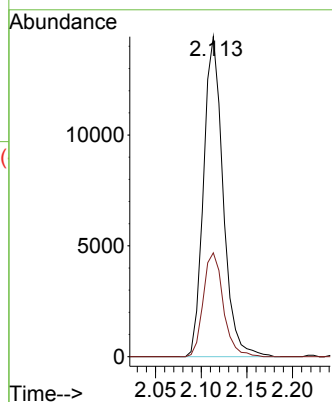
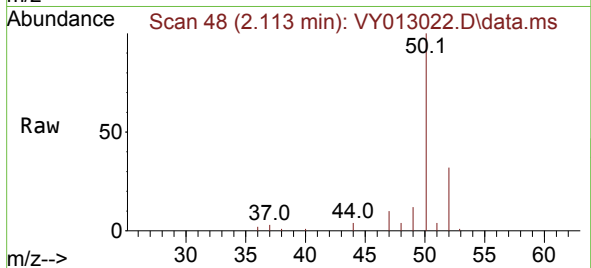
VY0321SBS01

Tgt Ion: 50 Resp: 21454

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 17.725 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013022.D

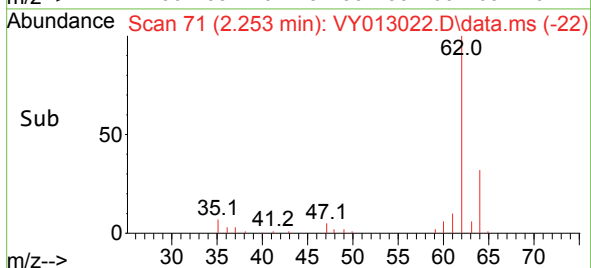
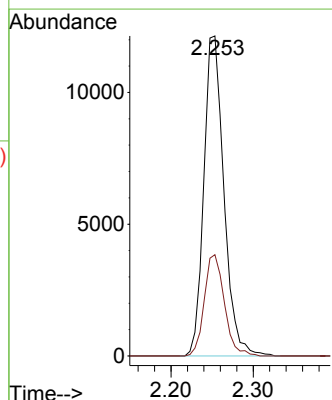
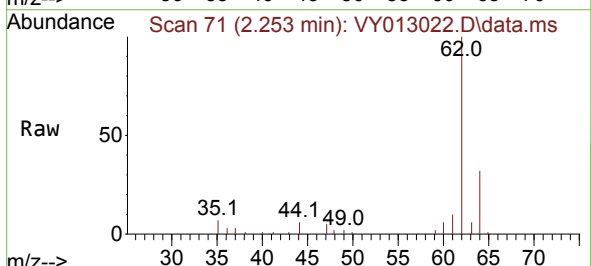
Acq: 21 Mar 2023 13:13

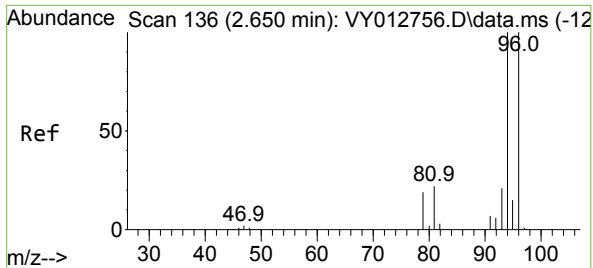
Tgt Ion: 62 Resp: 20629

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 20.960 ug/l

RT: 2.638 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

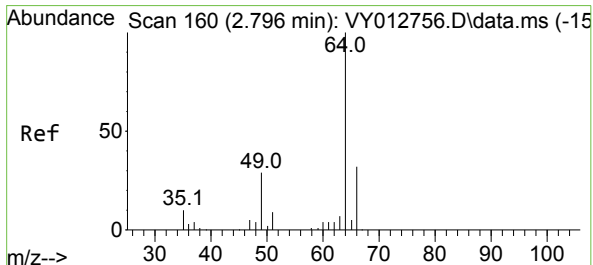
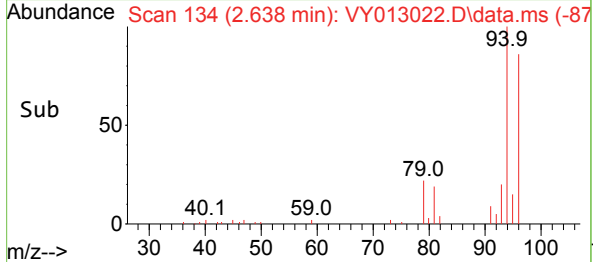
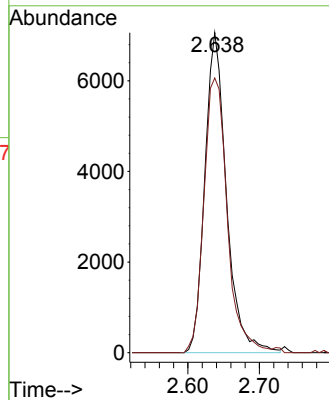
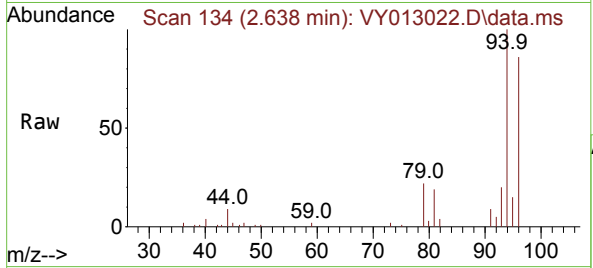
VY0321SBS01

Tgt Ion: 94 Resp: 14823

Ion Ratio Lower Upper

94 100

96 85.8 80.3 120.5



#6

Chloroethane

Concen: 19.298 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY013022.D

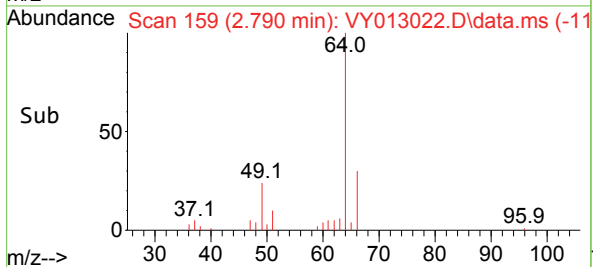
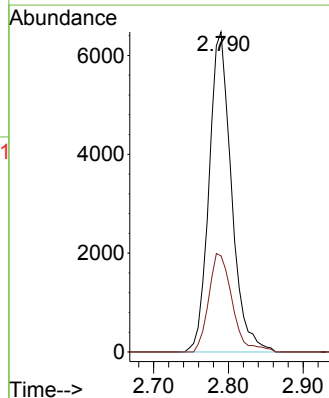
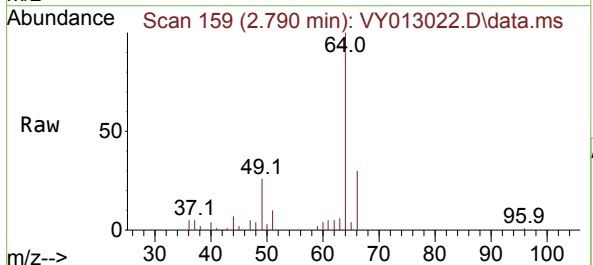
Acq: 21 Mar 2023 13:13

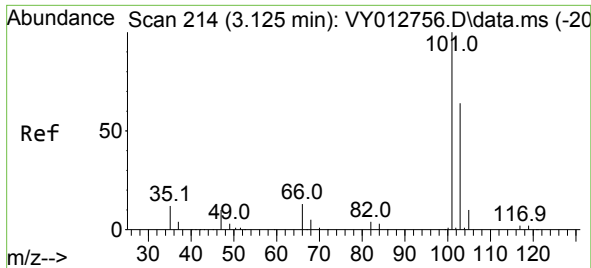
Tgt Ion: 64 Resp: 13451

Ion Ratio Lower Upper

64 100

66 30.1 25.7 38.5

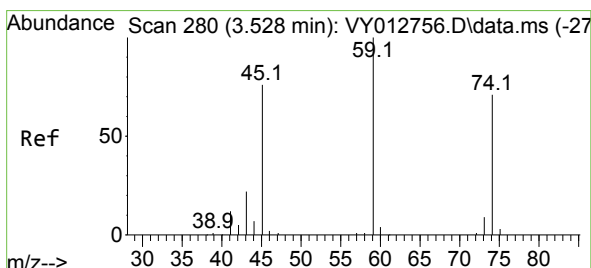
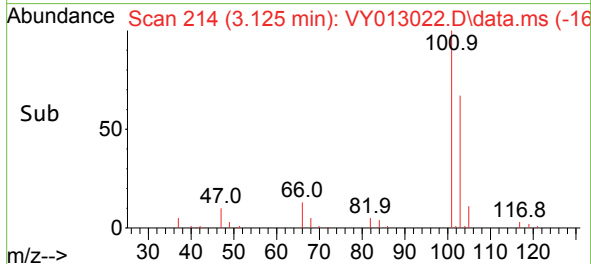
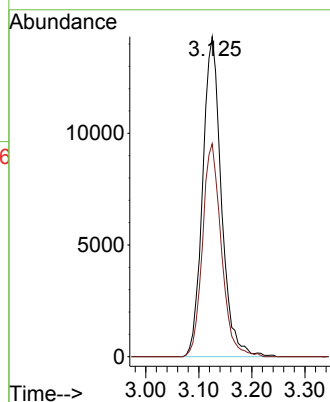
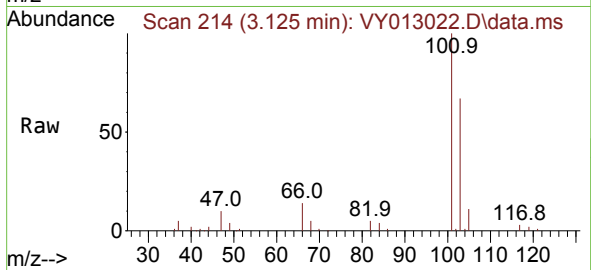




#7
 Trichlorofluoromethane
 Concen: 18.181 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013022.D
 Acq: 21 Mar 2023 13:13

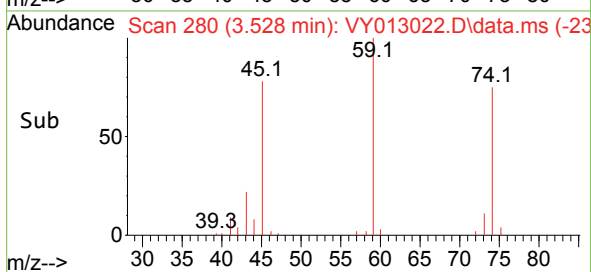
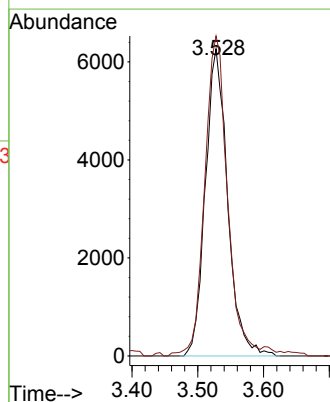
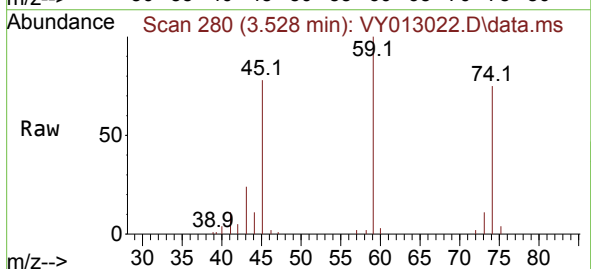
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

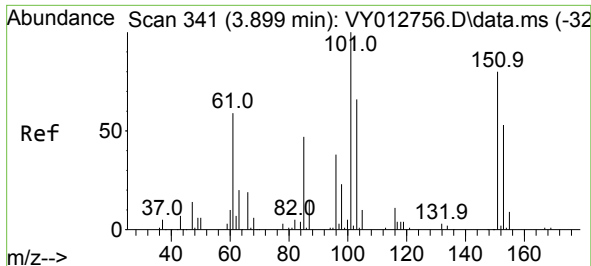
Tgt Ion:101 Resp: 35144
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.746 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY013022.D
 Acq: 21 Mar 2023 13:13

Tgt Ion: 74 Resp: 14731
 Ion Ratio Lower Upper
 74 100
 45 105.9 52.1 156.4

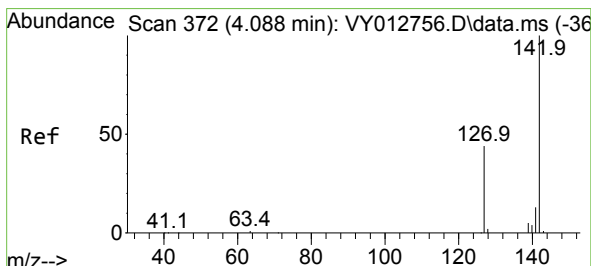
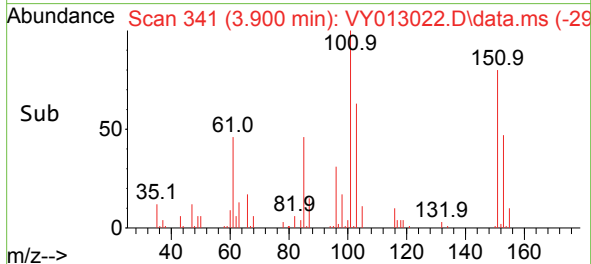
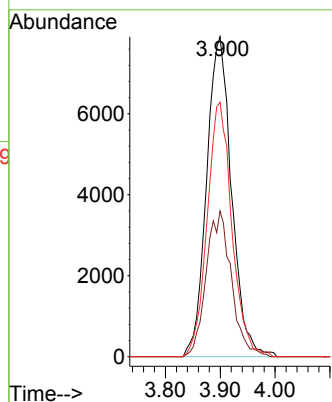
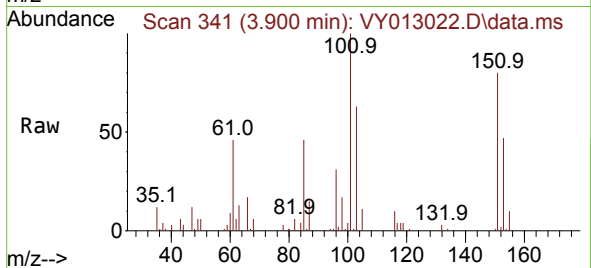




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.531 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.001 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

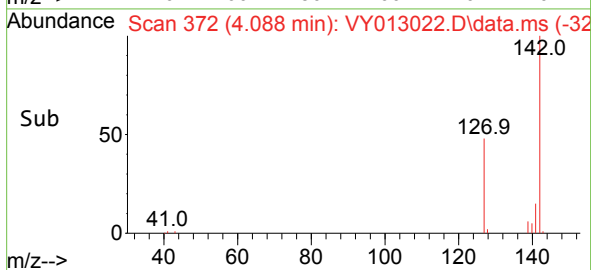
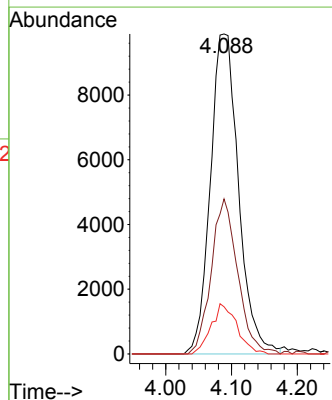
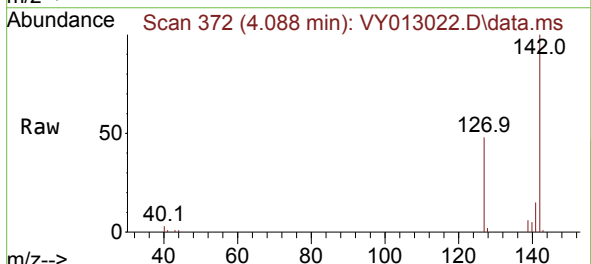
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

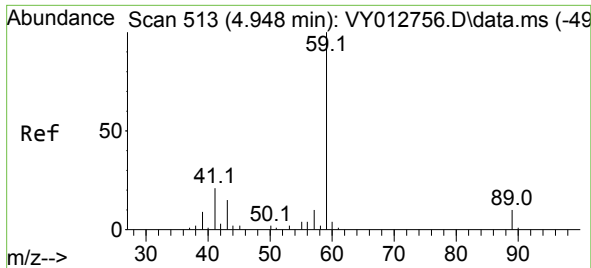
Tgt Ion:101 Resp: 25040
Ion Ratio Lower Upper
101 100
85 45.8 35.3 52.9
151 78.6 63.1 94.7



#10
Methyl Iodide
Concen: 19.471 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion:142 Resp: 29505
Ion Ratio Lower Upper
142 100
127 45.5 35.4 53.2
141 14.4 11.3 16.9

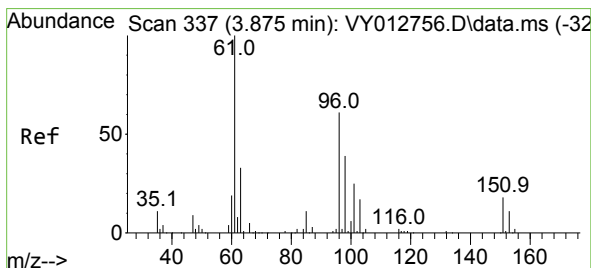
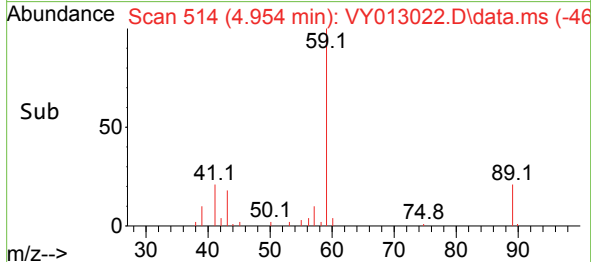
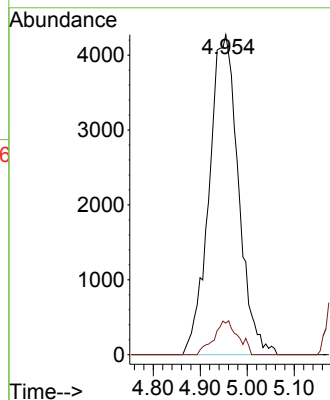
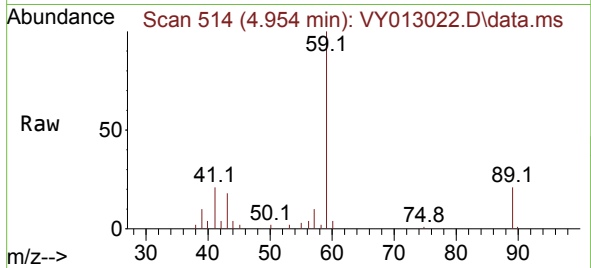




#11
Tert butyl alcohol
Concen: 141.705 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

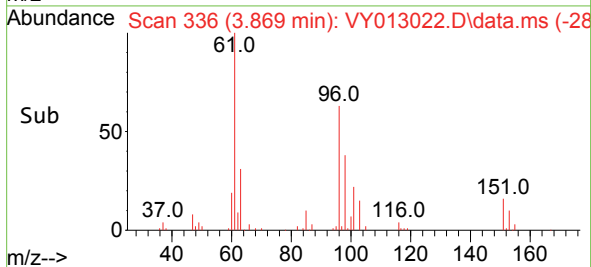
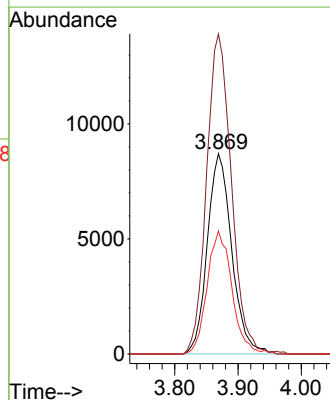
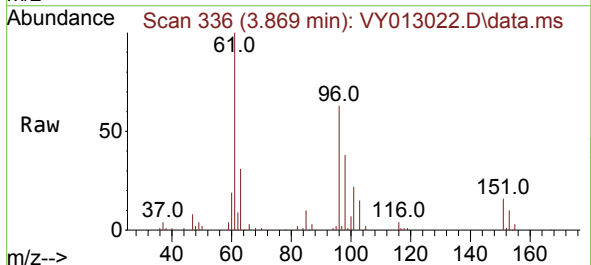
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

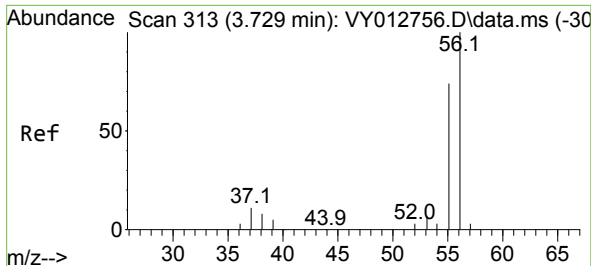
Tgt Ion: 59 Resp: 18502
Ion Ratio Lower Upper
59 100
57 8.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.118 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 96 Resp: 23424
Ion Ratio Lower Upper
96 100
61 159.8 131.7 197.5
98 61.4 52.0 78.0





#13

Acrolein

Concen: 78.515 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

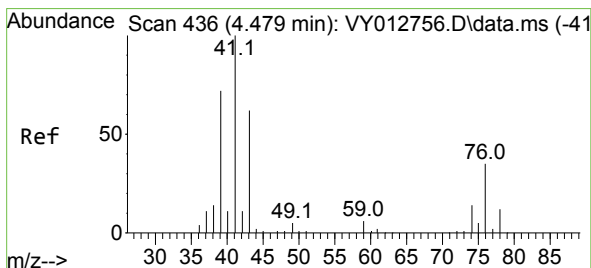
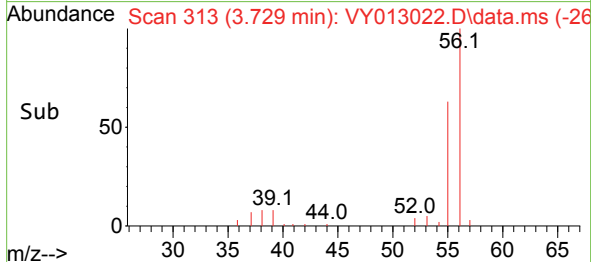
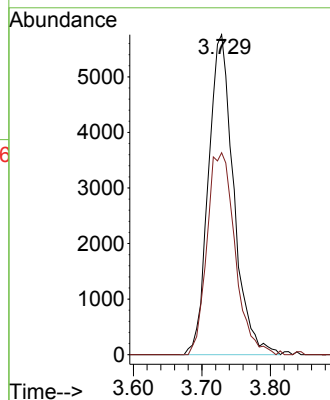
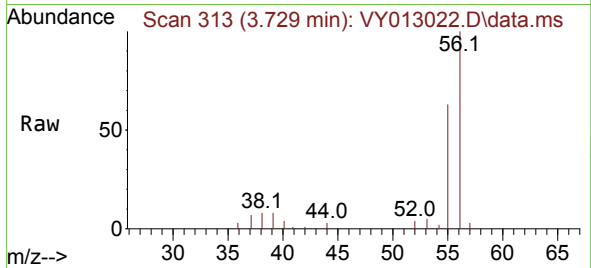
VY0321SBS01

Tgt Ion: 56 Resp: 14711

Ion Ratio Lower Upper

56 100

55 70.1 56.8 85.2



#14

Allyl chloride

Concen: 20.999 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

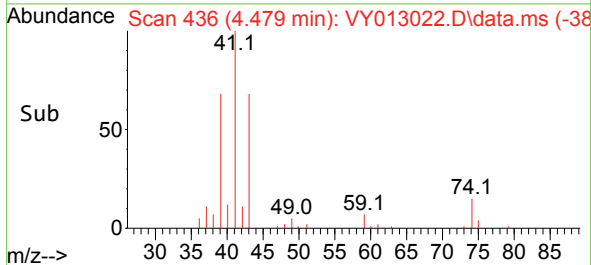
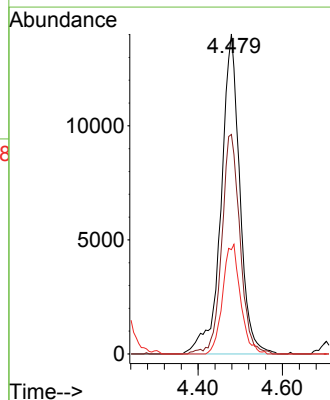
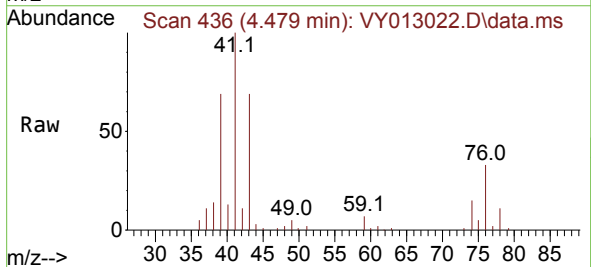
Tgt Ion: 41 Resp: 43024

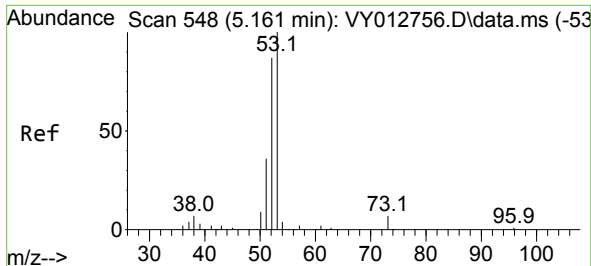
Ion Ratio Lower Upper

41 100

39 66.9 53.6 80.4

76 32.8 27.2 40.8

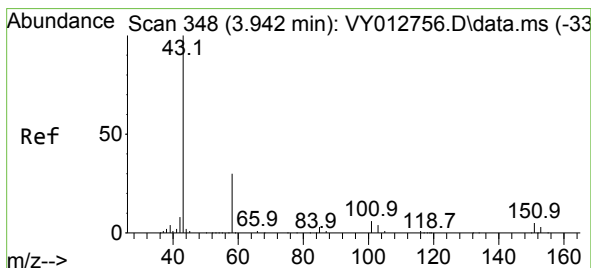
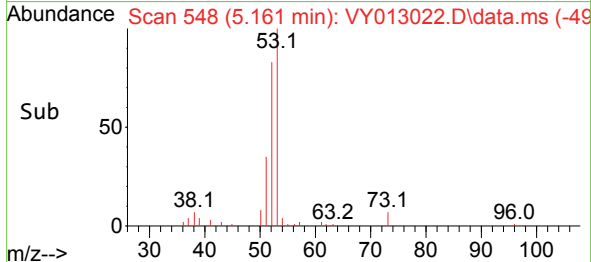
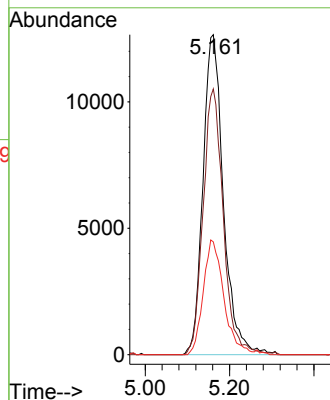
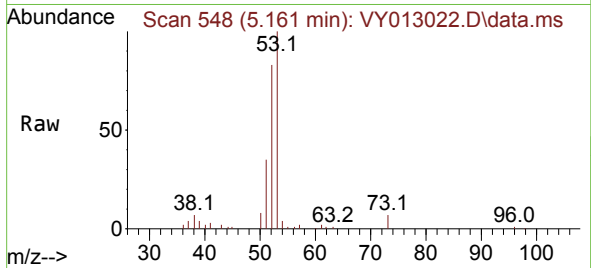




#15
Acrylonitrile
Concen: 119.732 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

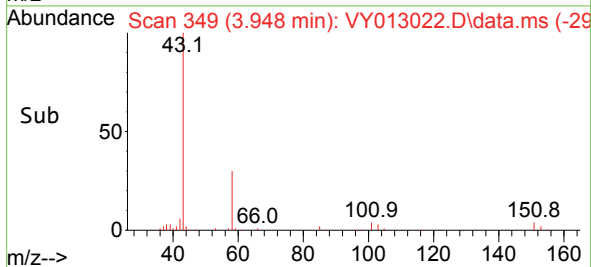
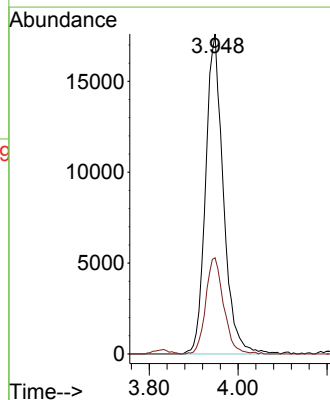
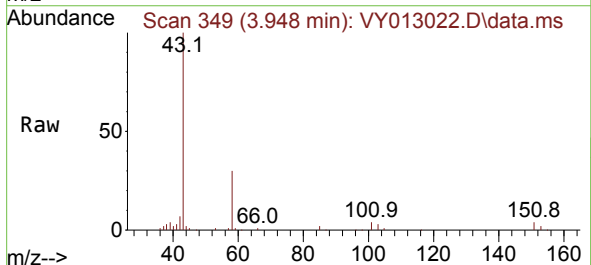
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

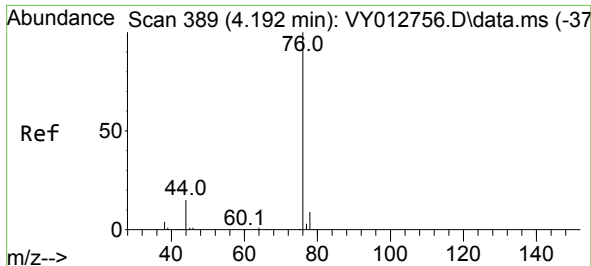
Tgt Ion: 53	Resp: 42735
Ion Ratio	Lower Upper
53 100	
52 82.2	66.3 99.5
51 36.1	28.8 43.2



#16
Acetone
Concen: 116.611 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 43	Resp: 48949
Ion Ratio	Lower Upper
43 100	
58 30.1	24.2 36.2

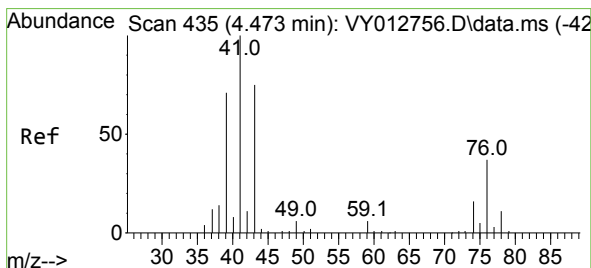
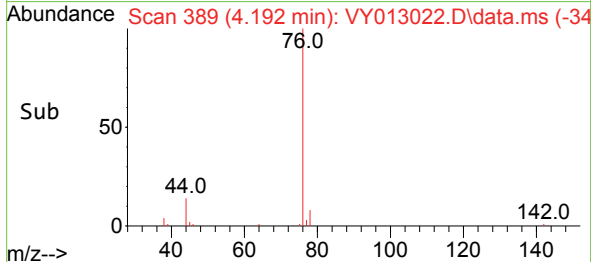
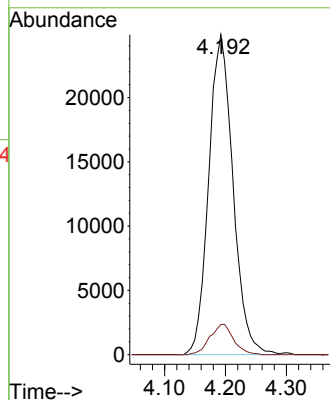
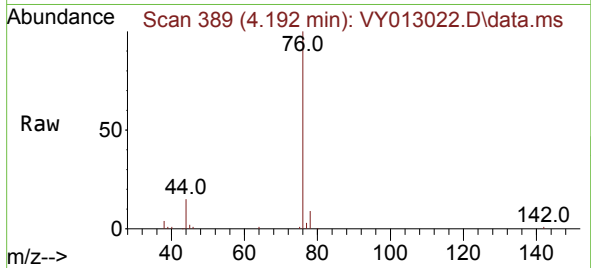




#17
Carbon Disulfide
Concen: 18.286 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

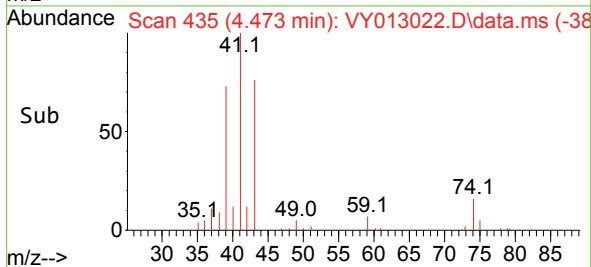
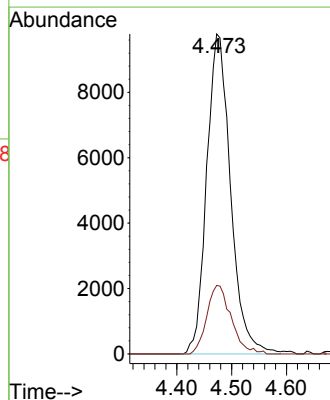
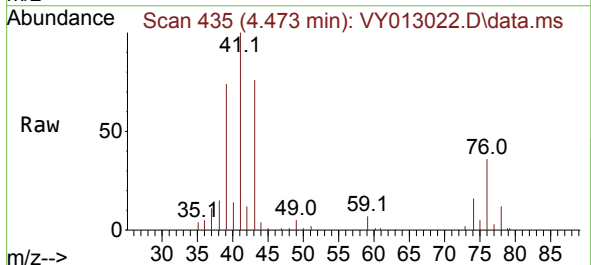
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

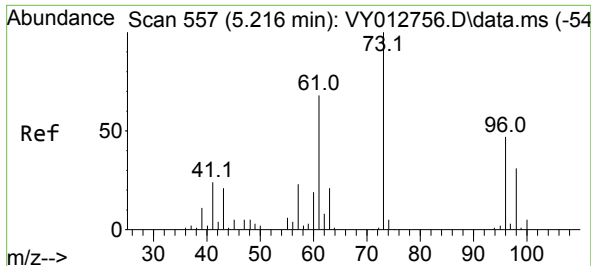
Tgt Ion: 76 Resp: 69037
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 23.657 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 43 Resp: 29572
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 22.814 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

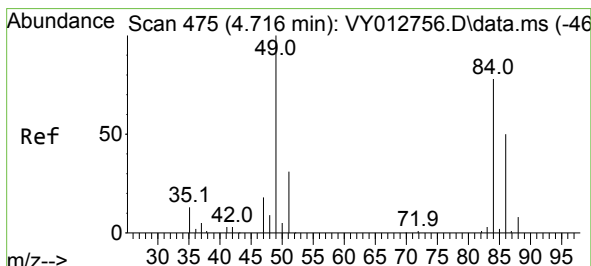
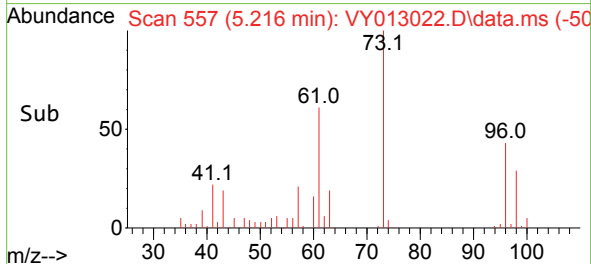
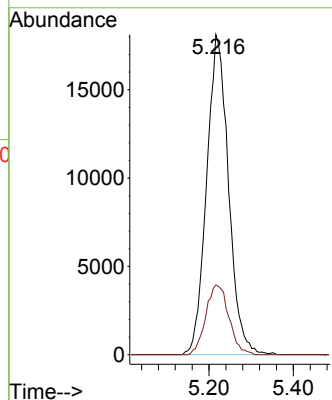
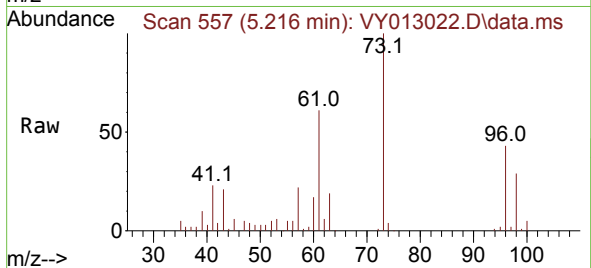
VY0321SBS01

Tgt Ion: 73 Resp: 65361

Ion Ratio Lower Upper

73 100

57 21.8 18.3 27.5



#20

Methylene Chloride

Concen: 22.398 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Tgt Ion: 84 Resp: 32489

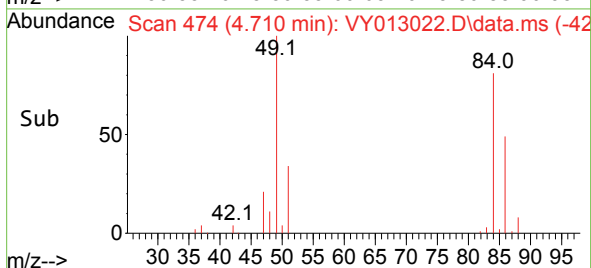
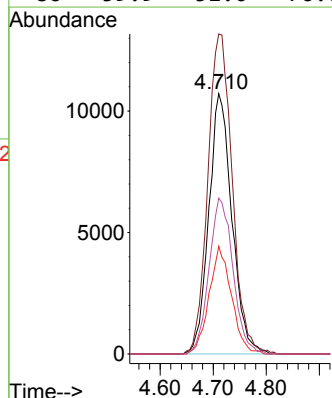
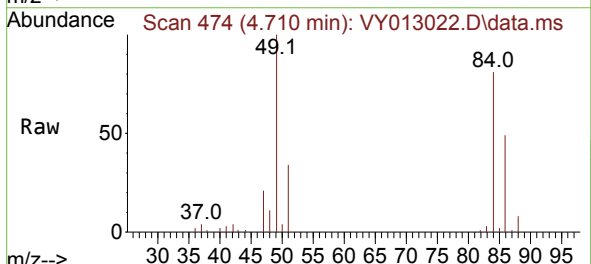
Ion Ratio Lower Upper

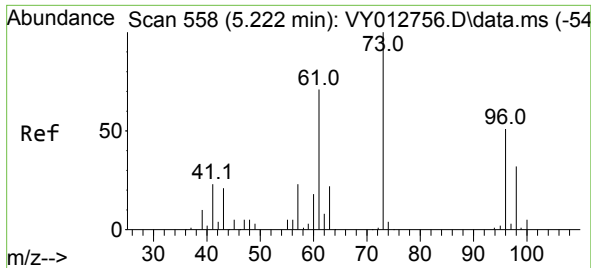
84 100

49 122.9 102.6 154.0

51 41.4 31.9 47.9

86 59.9 51.0 76.6

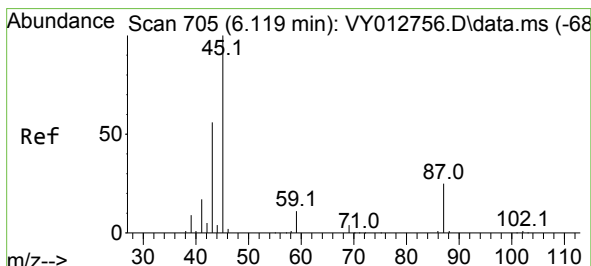
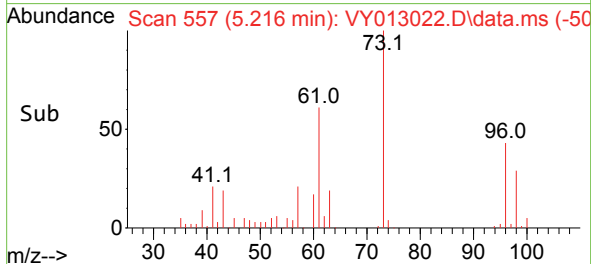
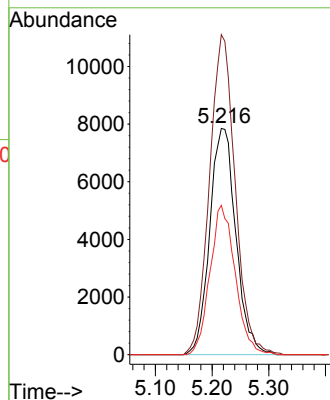
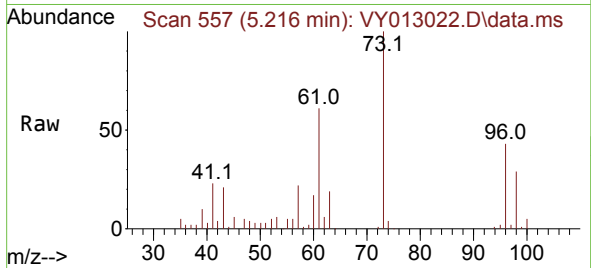




#21
trans-1,2-Dichloroethene
Concen: 20.858 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

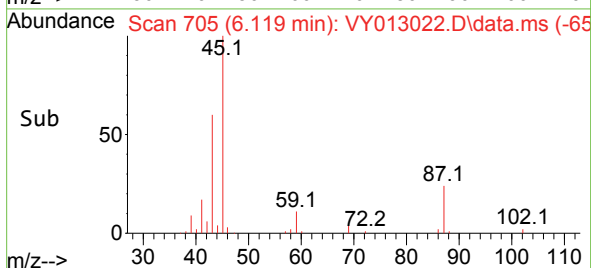
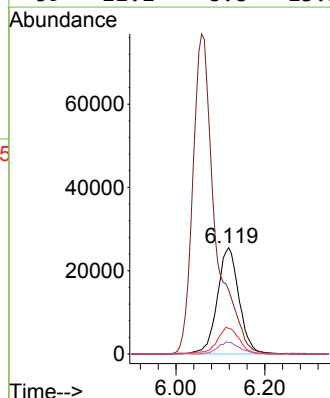
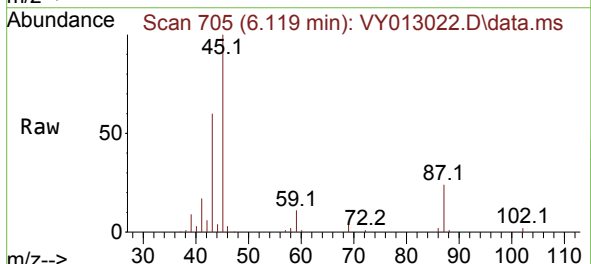
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

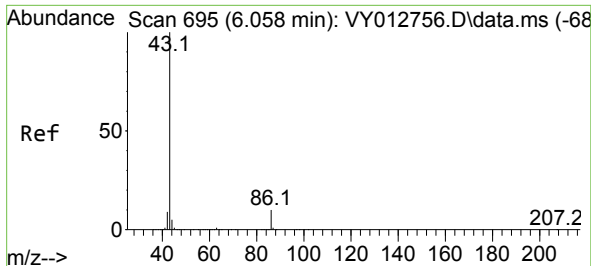
Tgt Ion: 96 Resp: 25141
Ion Ratio Lower Upper
96 100
61 141.4 111.4 167.0
98 66.0 50.8 76.2



#22
Diisopropyl ether
Concen: 23.203 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 45 Resp: 86349
Ion Ratio Lower Upper
45 100
43 59.8 45.0 67.6
87 24.1 20.3 30.5
59 11.1 8.8 13.2

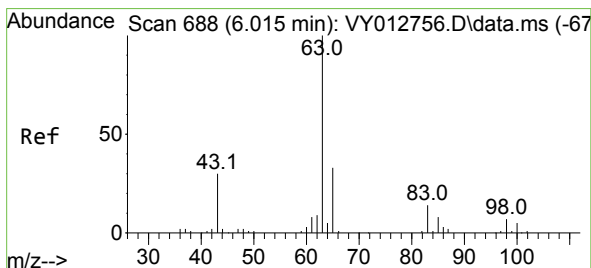
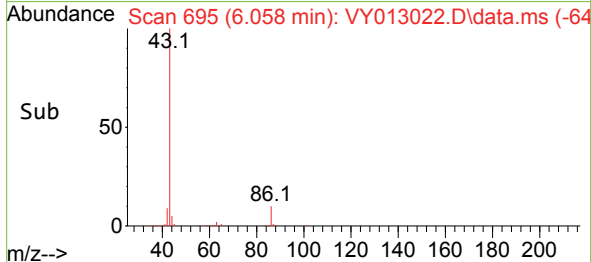
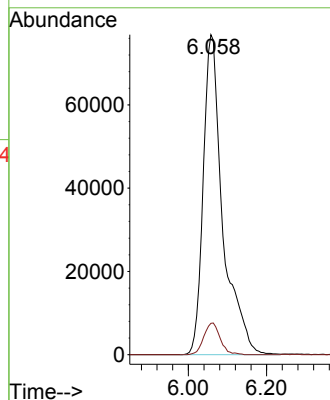
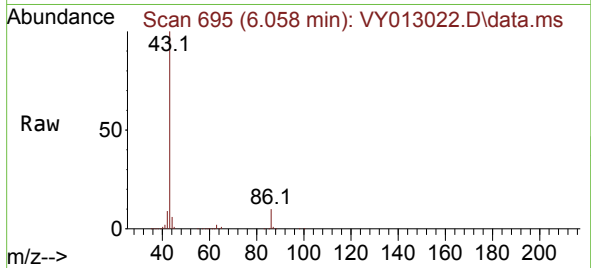




#23
 Vinyl Acetate
 Concen: 115.220 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013022.D
 Acq: 21 Mar 2023 13:13

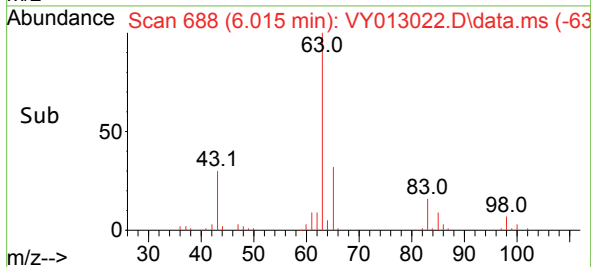
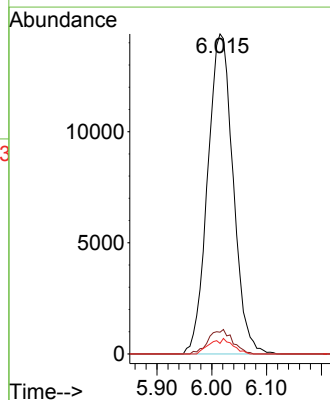
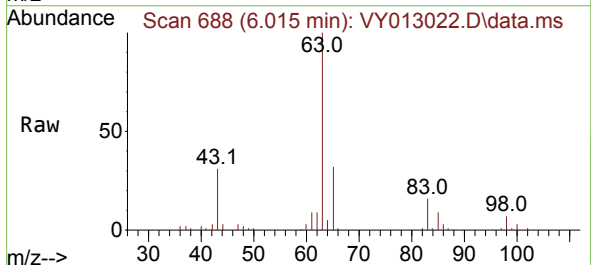
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

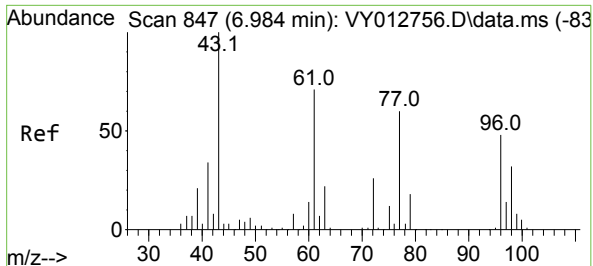
Tgt Ion: 43 Resp: 266417
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.880 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013022.D
 Acq: 21 Mar 2023 13:13

Tgt Ion: 63 Resp: 46397
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 3.3 2.3 6.8





#25

2-Butanone

Concen: 124.342 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

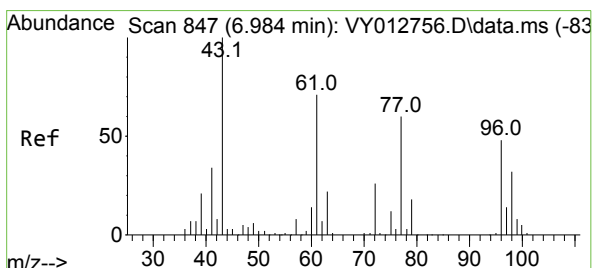
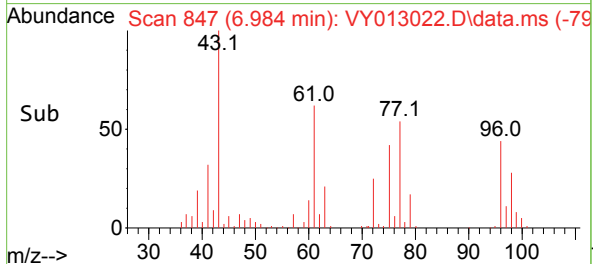
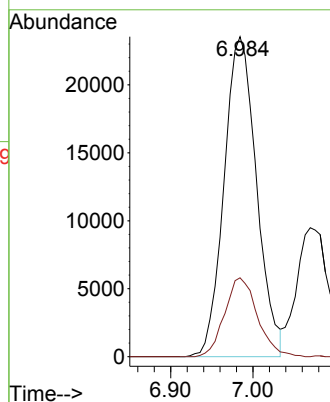
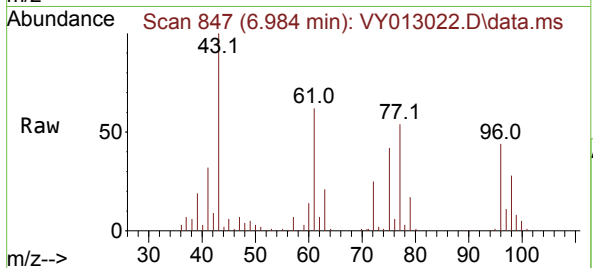
VY0321SBS01

Tgt Ion: 43 Resp: 64647

Ion Ratio Lower Upper

43 100

72 24.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.792 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013022.D

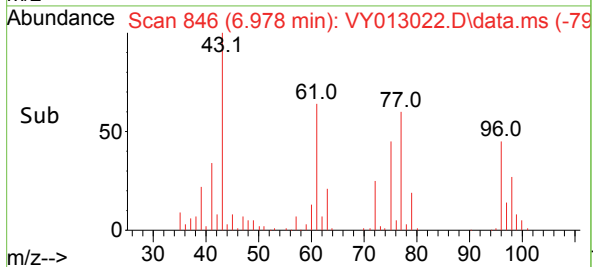
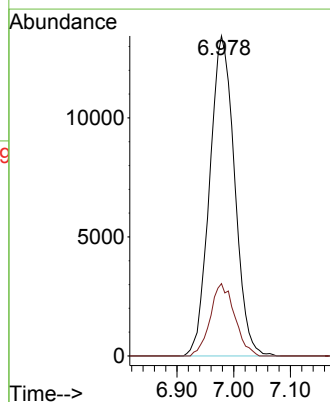
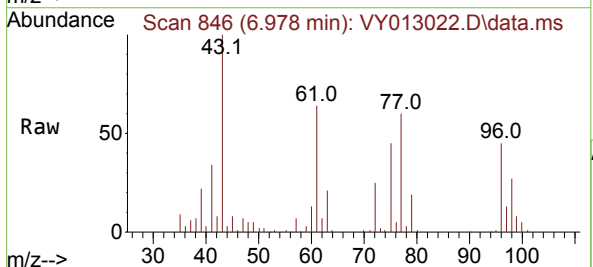
Acq: 21 Mar 2023 13:13

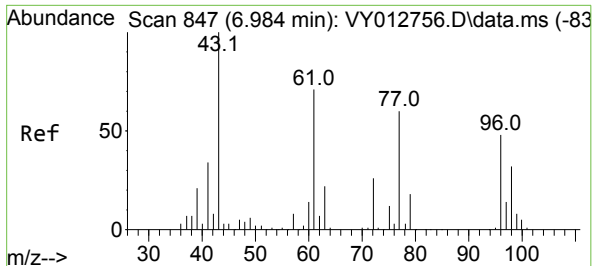
Tgt Ion: 77 Resp: 41043

Ion Ratio Lower Upper

77 100

97 22.2 11.7 35.0

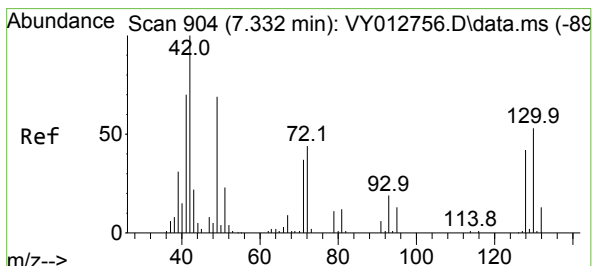
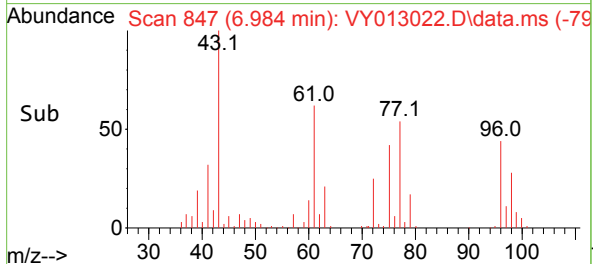
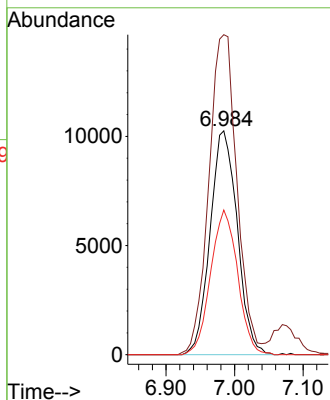
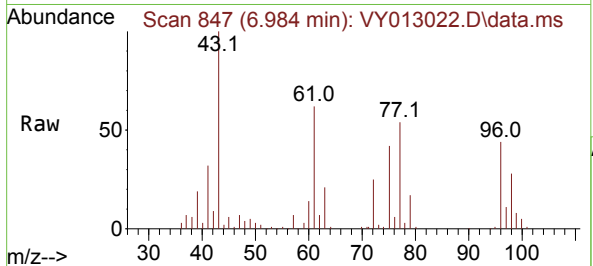




#27
 cis-1,2-Dichloroethene
 Concen: 21.877 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013022.D
 Acq: 21 Mar 2023 13:13

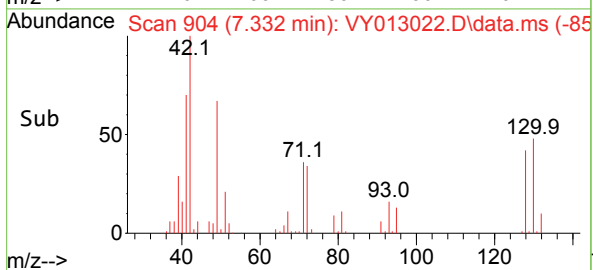
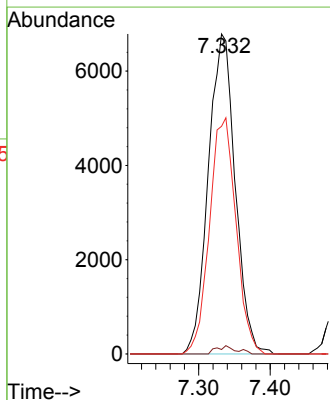
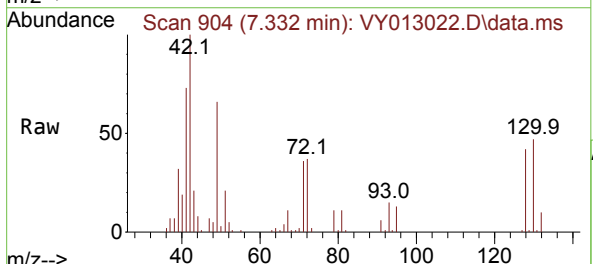
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBSD01

Tgt Ion: 96 Resp: 28272
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 295.8
 98 64.2 0.0 130.2



#28
 Bromochloromethane
 Concen: 22.865 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013022.D
 Acq: 21 Mar 2023 13:13

Tgt Ion: 49 Resp: 17719
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 72.8 60.5 90.7





#29

Tetrahydrofuran

Concen: 124.990 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBSD01

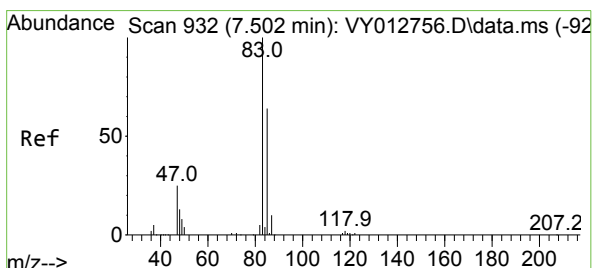
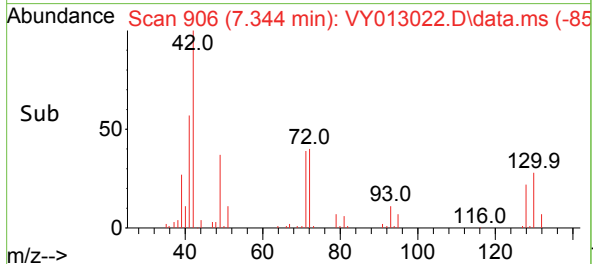
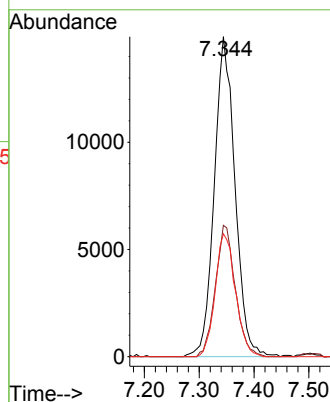
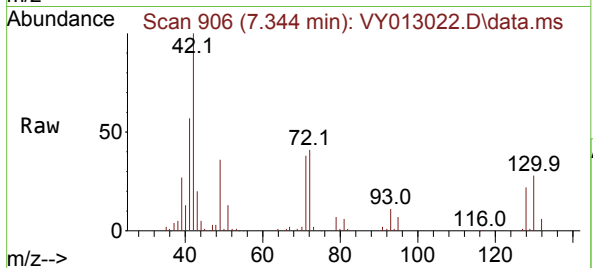
Tgt Ion: 42 Resp: 39193

Ion Ratio Lower Upper

42 100

72 39.5 32.3 48.5

71 37.5 30.3 45.5



#30

Chloroform

Concen: 22.194 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY013022.D

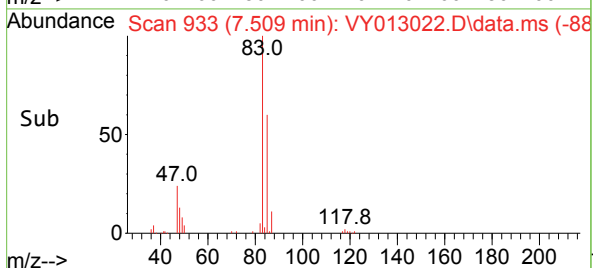
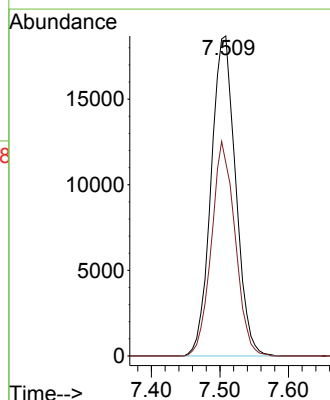
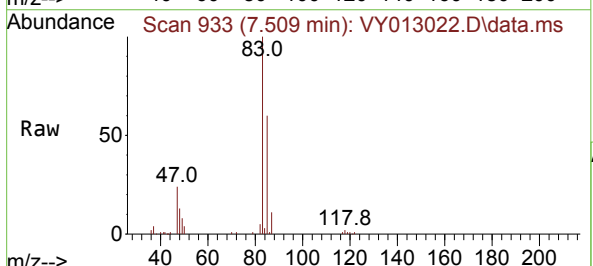
Acq: 21 Mar 2023 13:13

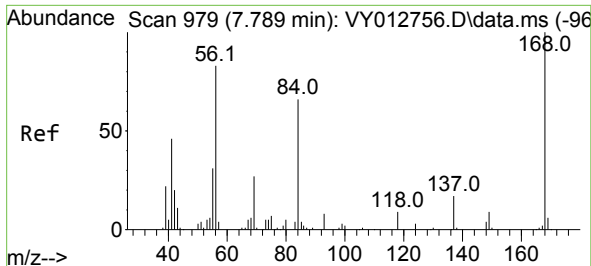
Tgt Ion: 83 Resp: 46488

Ion Ratio Lower Upper

83 100

85 60.4 51.4 77.0

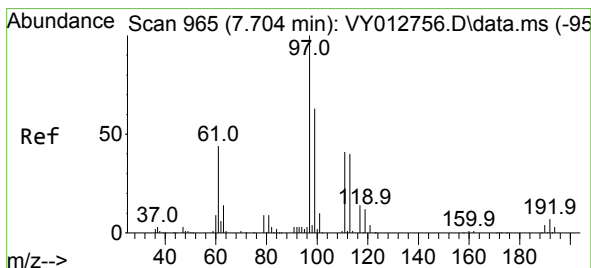
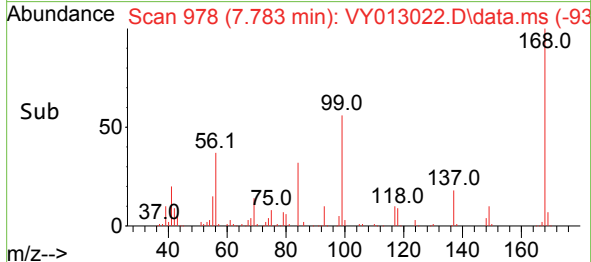
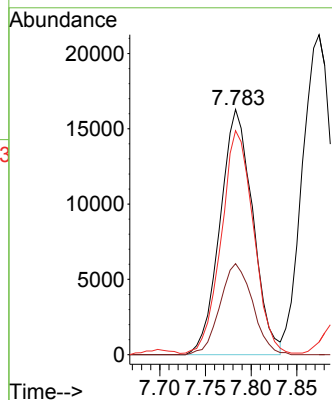
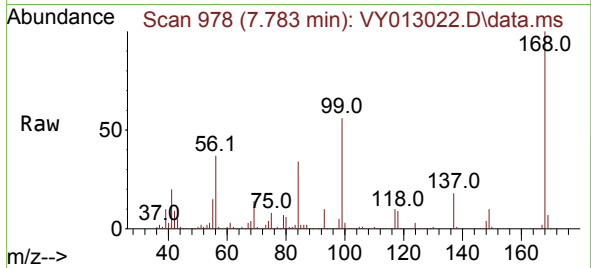




#31
Cyclohexane
Concen: 19.846 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

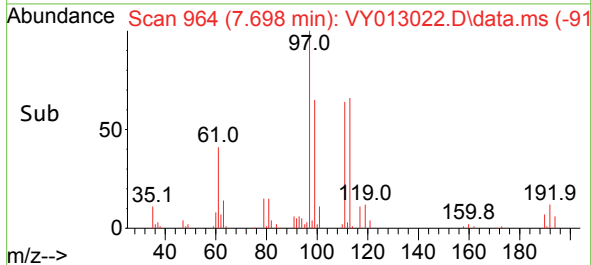
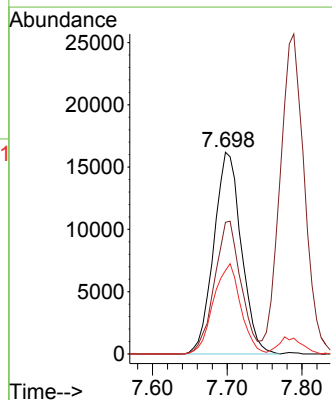
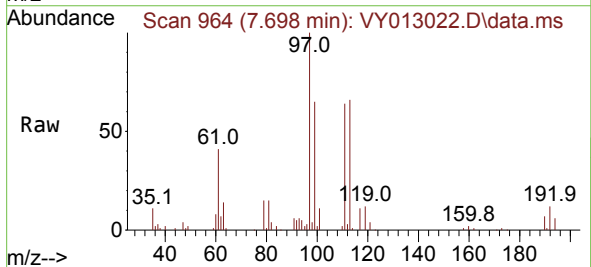
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

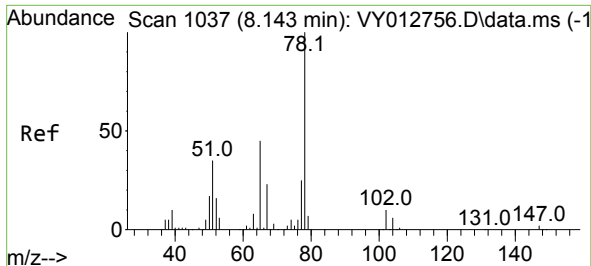
Tgt Ion: 56 Resp: 40649
Ion Ratio Lower Upper
56 100
69 37.2 25.7 38.5
84 90.8 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 21.864 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 97 Resp: 41415
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 44.3 34.5 51.7

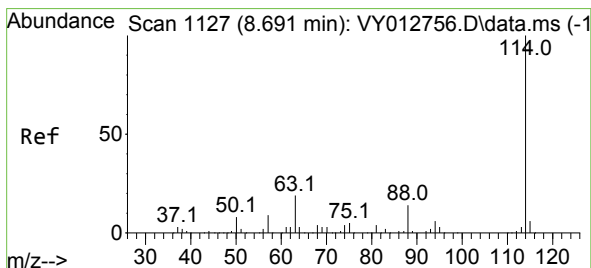
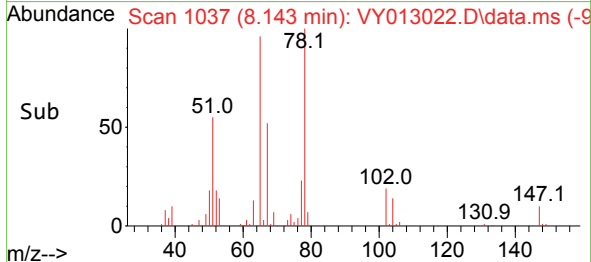
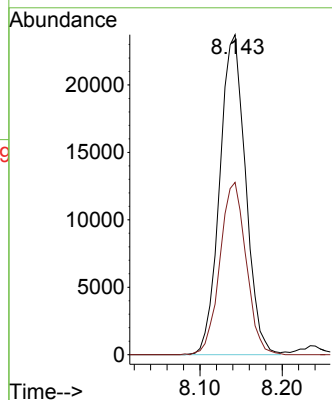
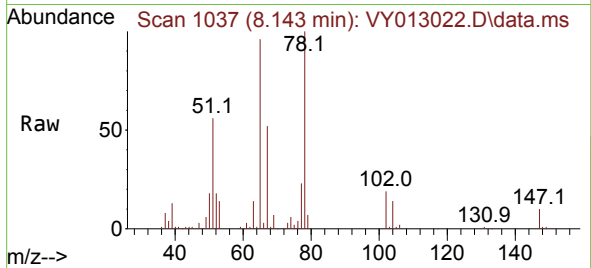




#33
 1,2-Dichloroethane-d4
 Concen: 48.454 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY013022.D
 Acq: 21 Mar 2023 13:13

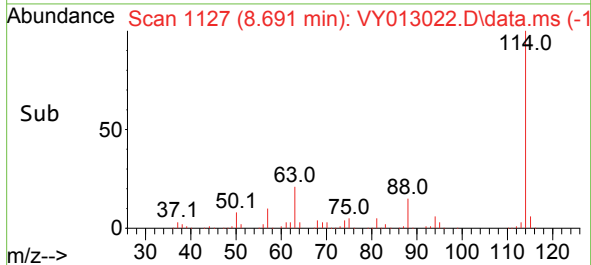
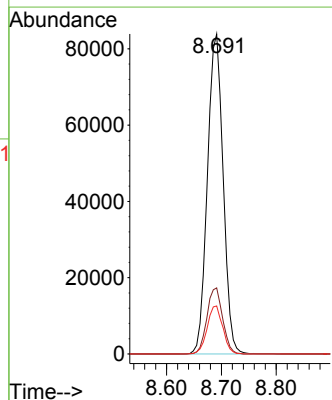
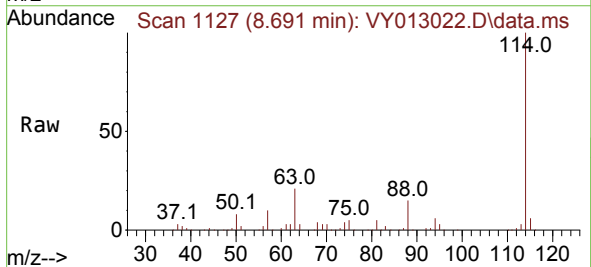
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

Tgt Ion: 65 Resp: 51819
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013022.D
 Acq: 21 Mar 2023 13:13

Tgt Ion: 114 Resp: 166737
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 15.0 0.0 28.6

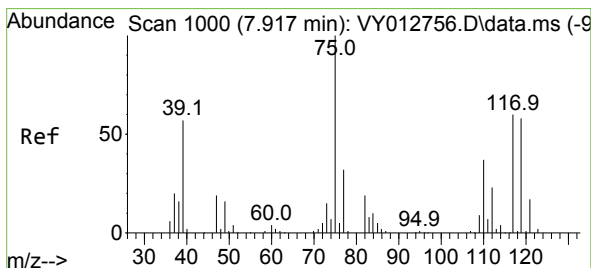
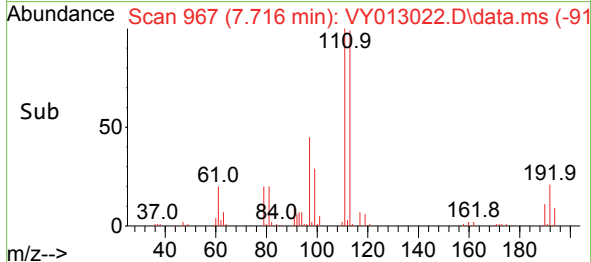
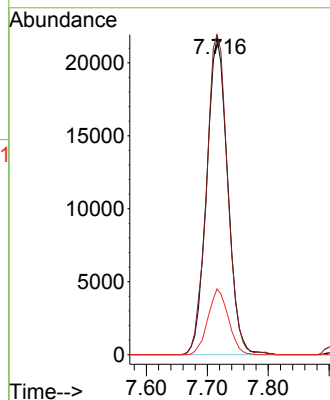
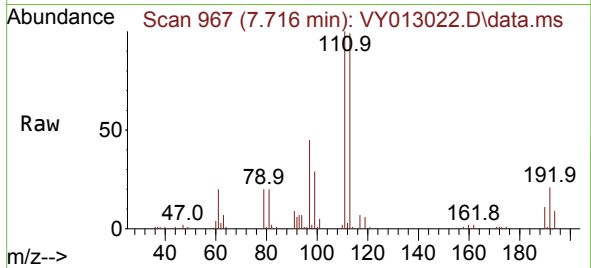




#35
Dibromofluoromethane
Concen: 51.795 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

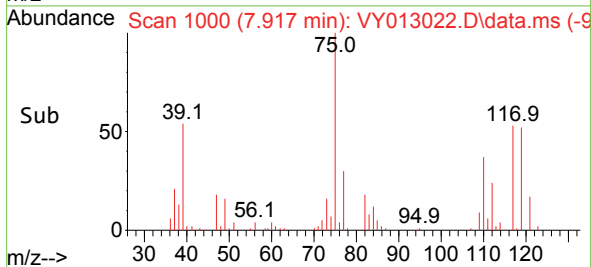
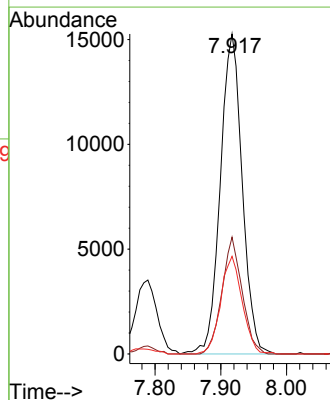
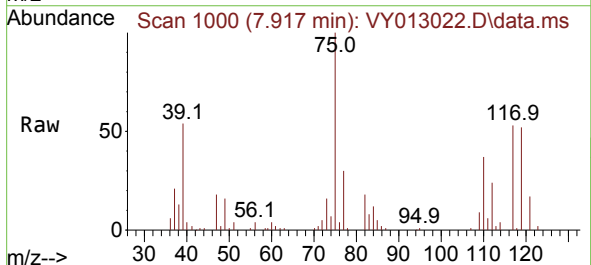
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

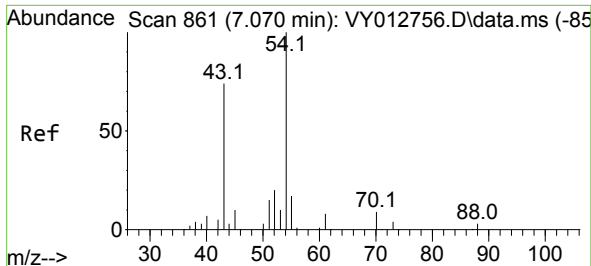
Tgt Ion:113 Resp: 52119
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.964 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 75 Resp: 35350
Ion Ratio Lower Upper
75 100
110 33.8 17.8 53.3
77 30.0 25.0 37.4

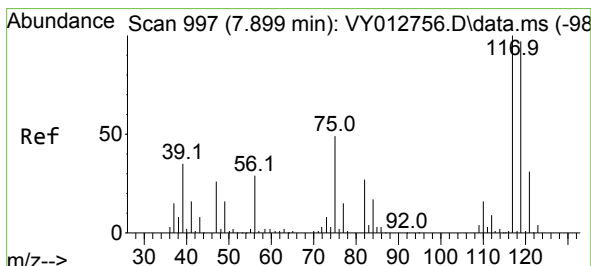
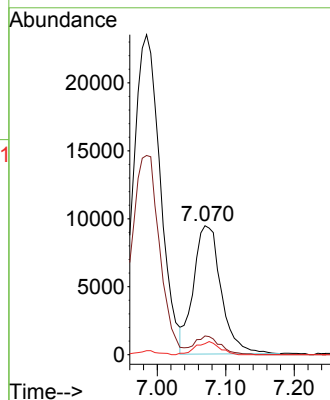
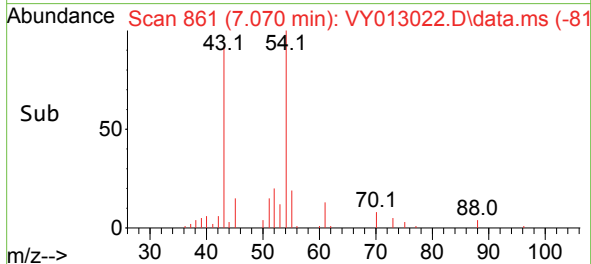
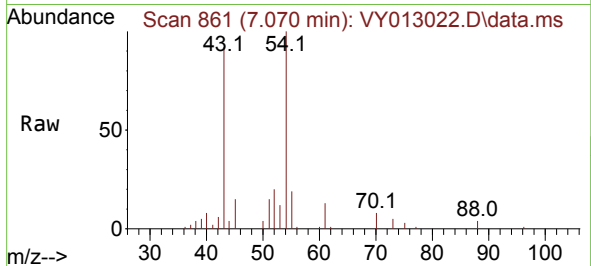




#37
Ethyl Acetate
Concen: 24.889 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

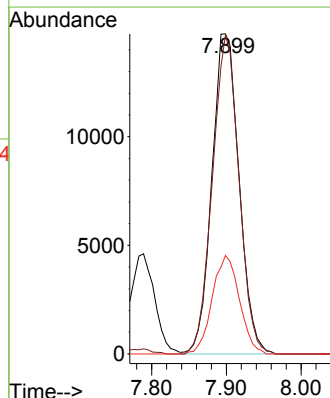
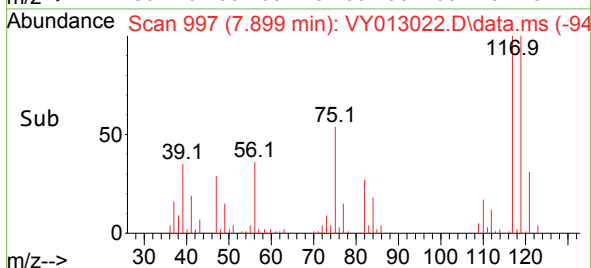
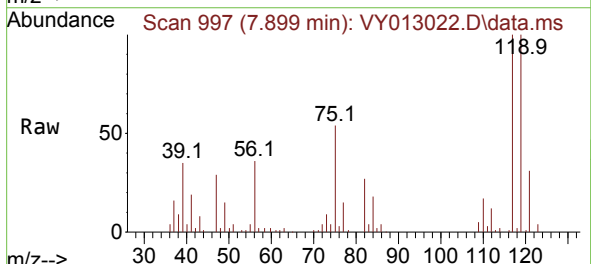
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

Tgt Ion: 43 Resp: 26453
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 8.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.371 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 117 Resp: 37214
Ion Ratio Lower Upper
117 100
119 99.6 77.2 115.8
121 30.8 24.7 37.1





#39

Methylcyclohexane

Concen: 19.857 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBSD01

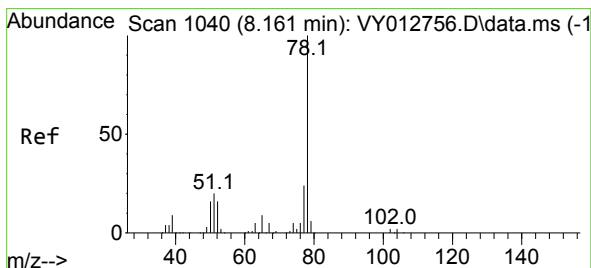
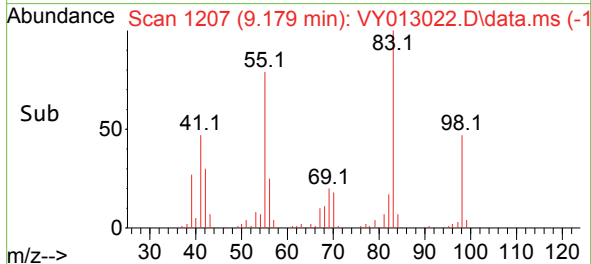
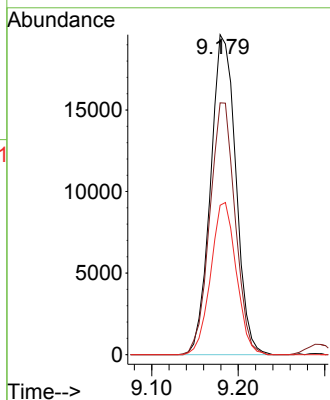
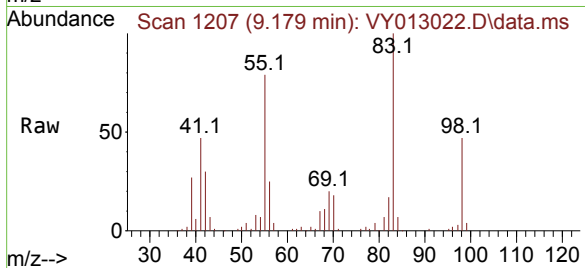
Tgt Ion: 83 Resp: 39809

Ion Ratio Lower Upper

83 100

55 78.7 60.0 90.0

98 46.7 38.3 57.5



#40

Benzene

Concen: 21.609 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013022.D

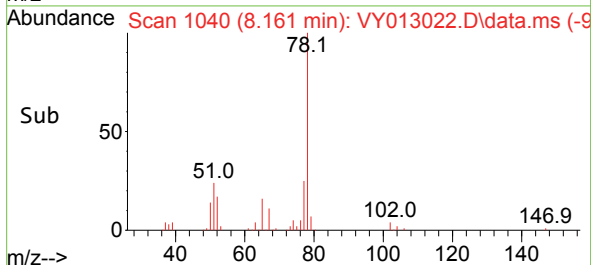
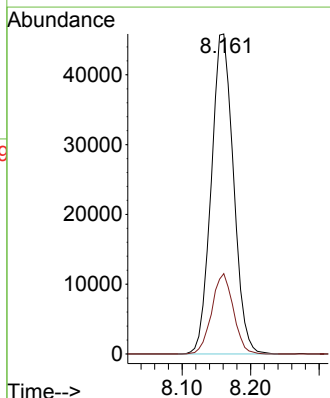
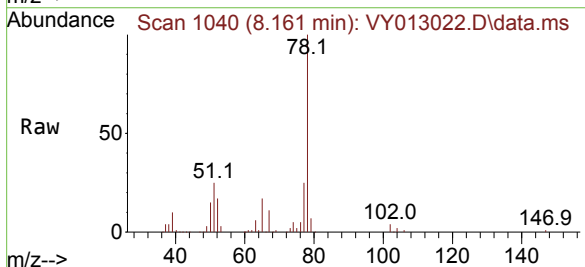
Acq: 21 Mar 2023 13:13

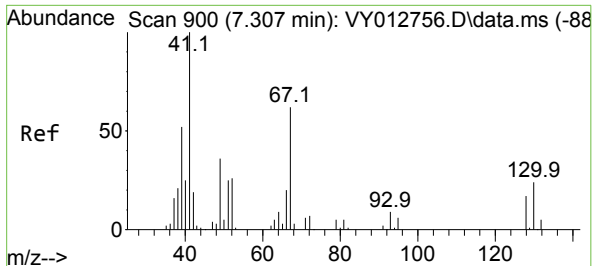
Tgt Ion: 78 Resp: 103075

Ion Ratio Lower Upper

78 100

77 25.1 19.4 29.0

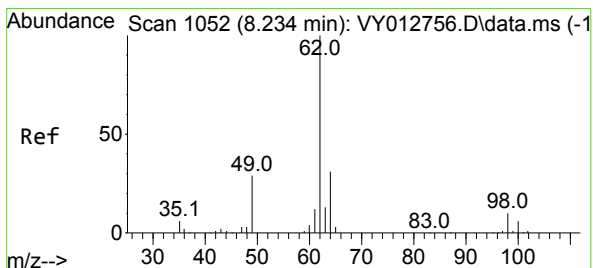
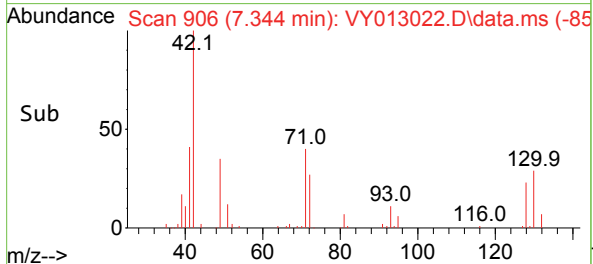
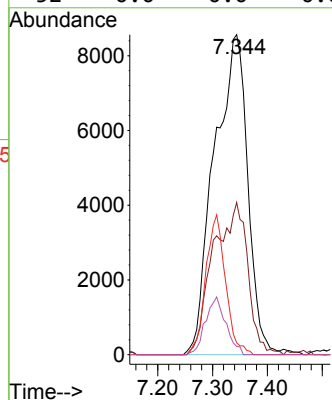
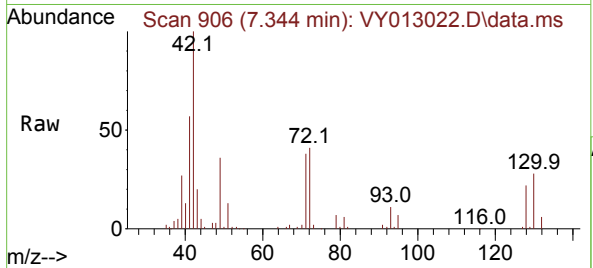




#41
Methacrylonitrile
Concen: 63.061 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

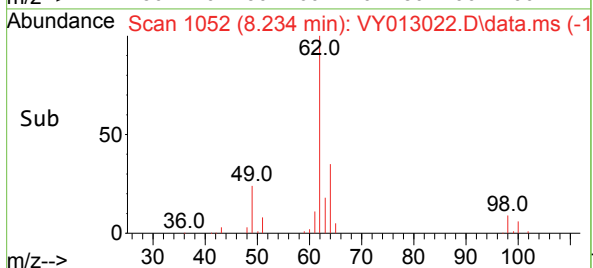
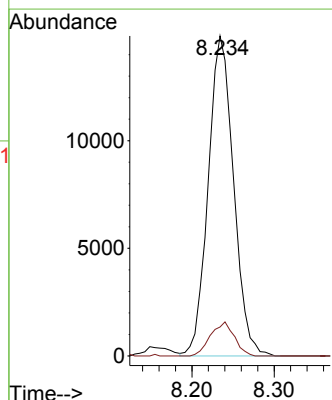
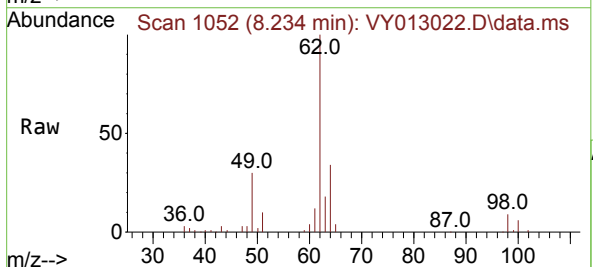
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

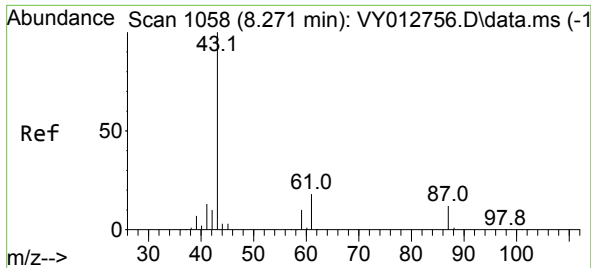
Tgt Ion: 41 Resp: 36110
Ion Ratio Lower Upper
41 100
39 49.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.239 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 62 Resp: 31893
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.8

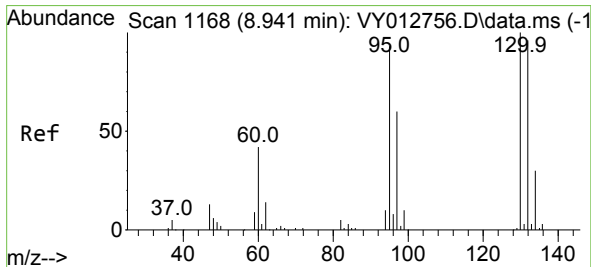
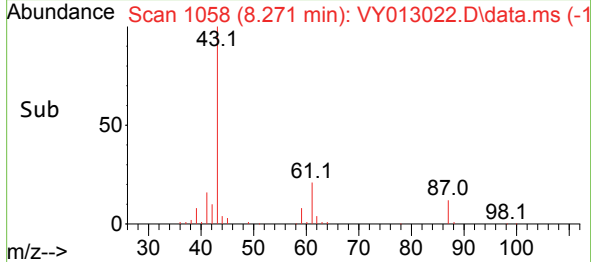
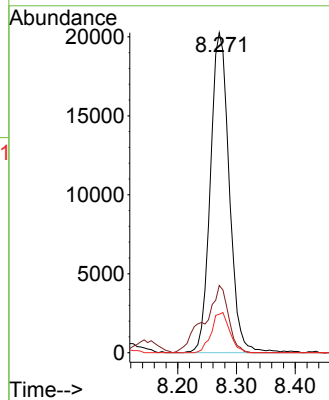
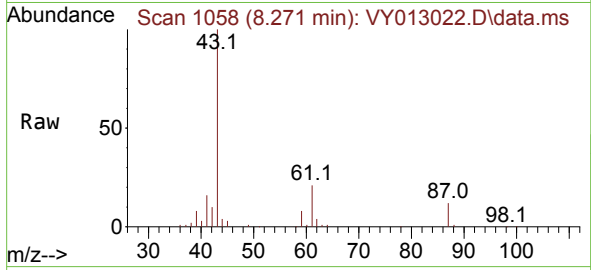




#43
Isopropyl Acetate
Concen: 23.795 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

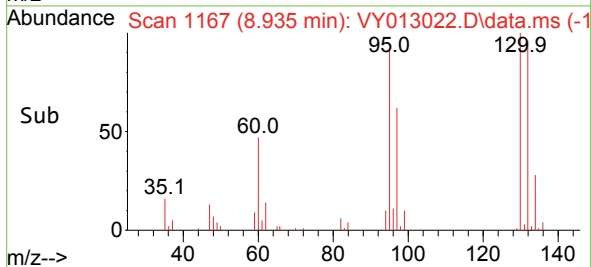
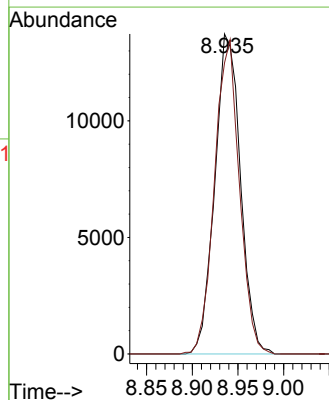
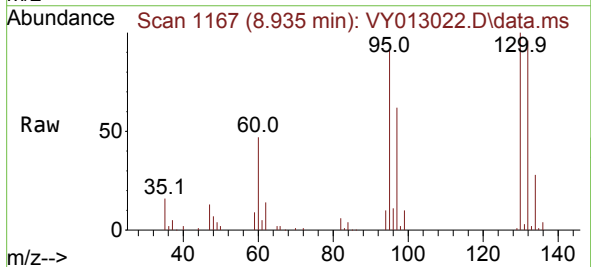
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

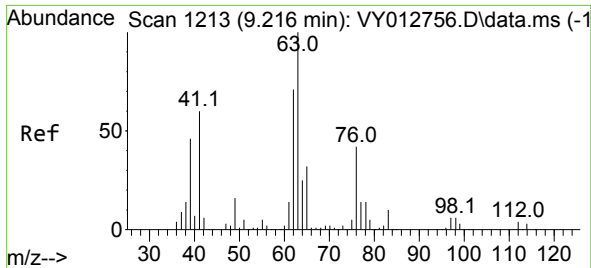
Tgt Ion: 43 Resp: 45121
Ion Ratio Lower Upper
43 100
61 26.7 21.6 32.4
87 12.2 9.9 14.9



#44
Trichloroethene
Concen: 21.317 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion:130 Resp: 26809
Ion Ratio Lower Upper
130 100
95 91.0 0.0 185.0

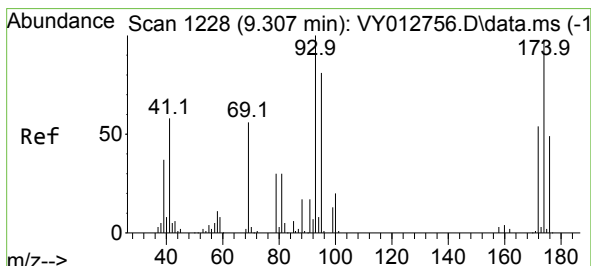
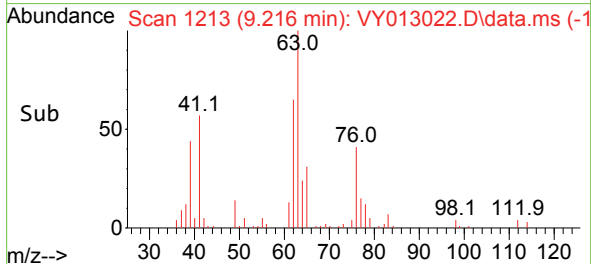
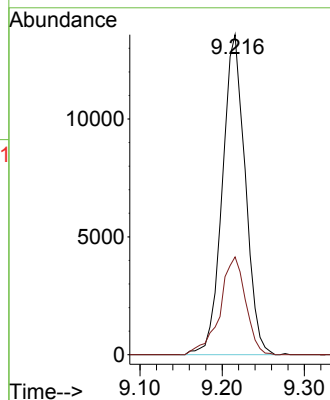
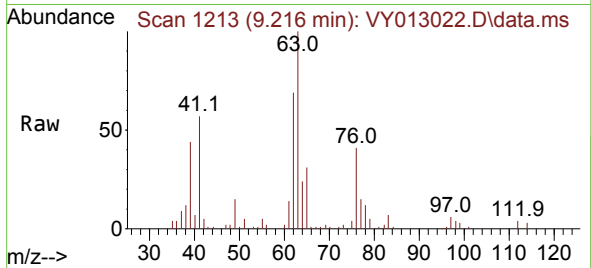




#45
1,2-Dichloropropane
Concen: 21.753 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

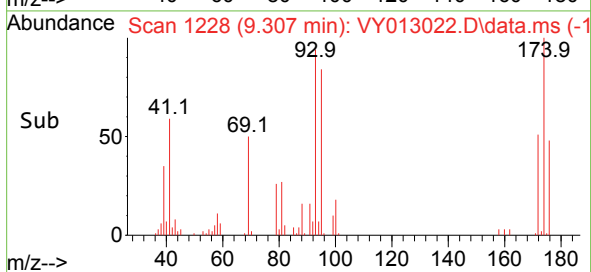
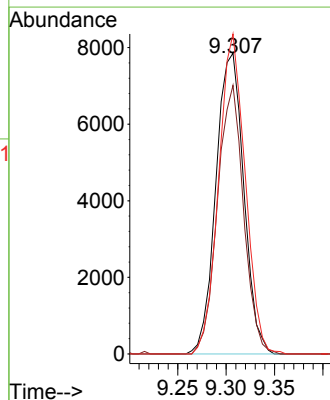
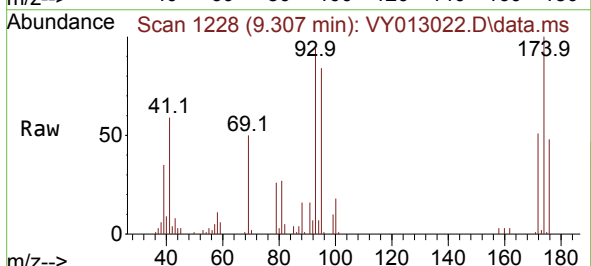
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

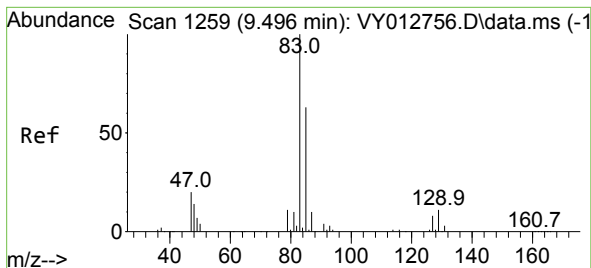
Tgt Ion: 63 Resp: 26223
Ion Ratio Lower Upper
63 100
65 30.6 25.7 38.5



#46
Dibromomethane
Concen: 22.881 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 93 Resp: 15714
Ion Ratio Lower Upper
93 100
95 83.6 65.6 98.4
174 101.2 81.3 121.9





#47

Bromodichloromethane

Concen: 22.481 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

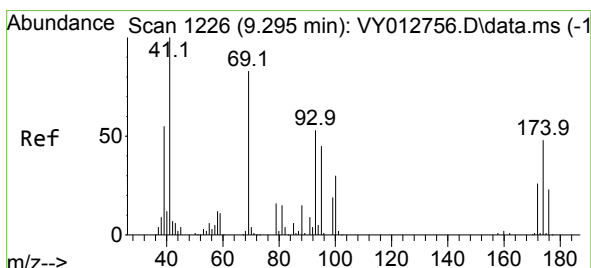
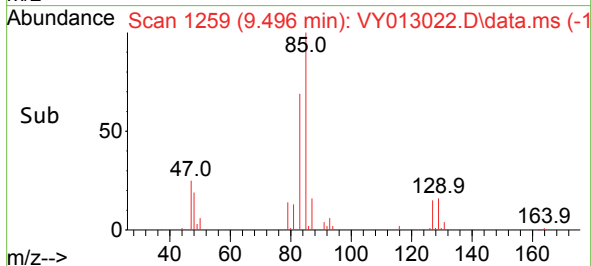
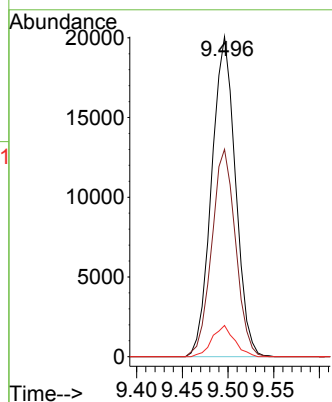
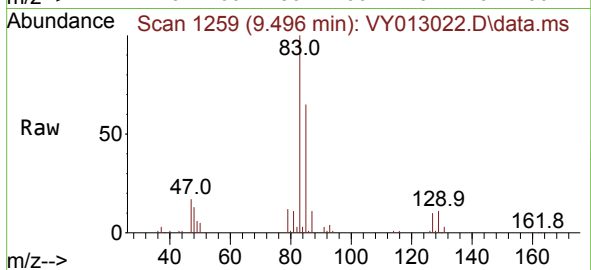
Tgt Ion: 83 Resp: 36384

Ion Ratio Lower Upper

83 100

85 64.8 50.2 75.4

127 9.7 6.3 9.5



#48

Methyl methacrylate

Concen: 23.616 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

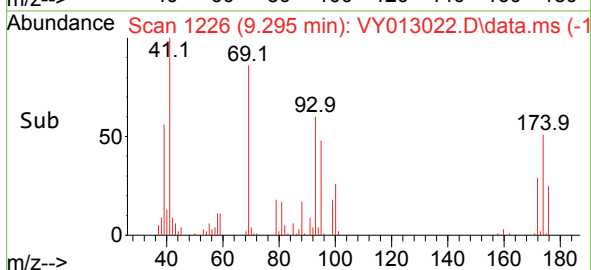
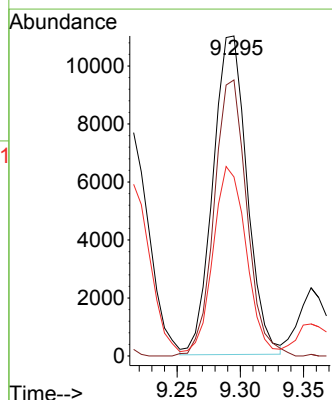
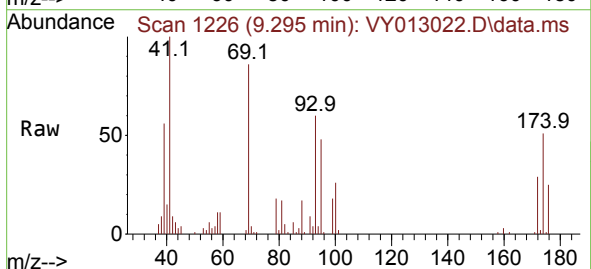
Tgt Ion: 41 Resp: 20634

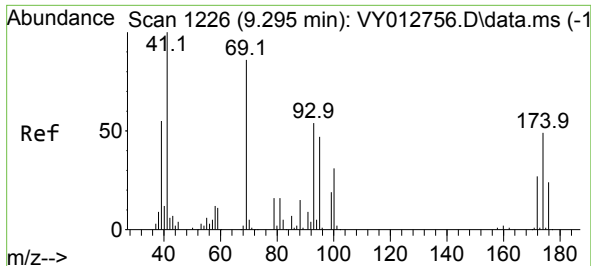
Ion Ratio Lower Upper

41 100

69 82.9 64.1 96.1

39 55.8 44.0 66.0





#49

1,4-Dioxane

Concen: 507.756 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

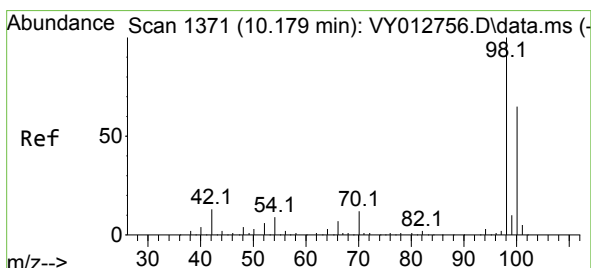
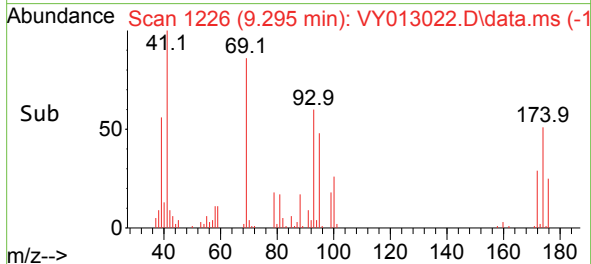
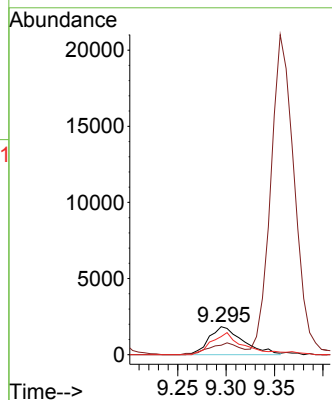
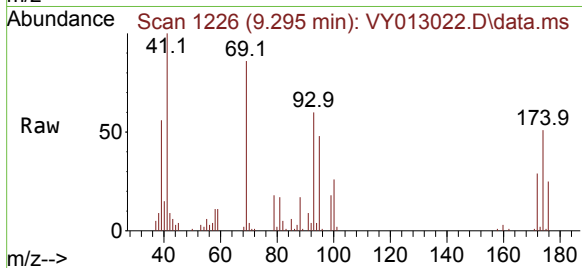
Tgt Ion: 88 Resp: 4508

Ion Ratio Lower Upper

88 100

43 36.8 28.6 42.8

58 77.2 55.2 82.8



#50

Toluene-d8

Concen: 45.094 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013022.D

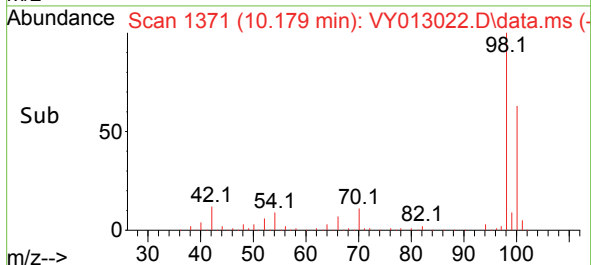
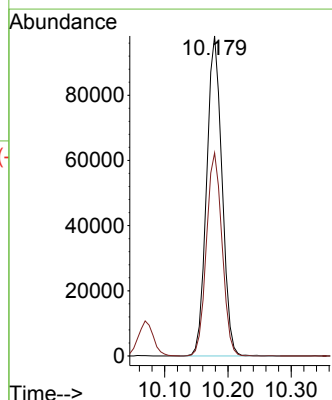
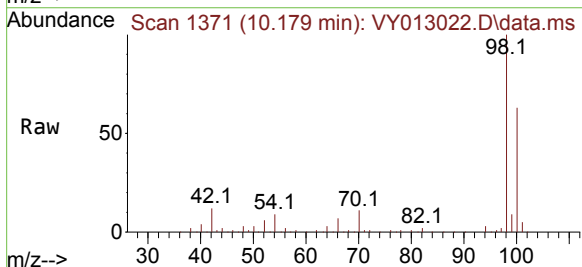
Acq: 21 Mar 2023 13:13

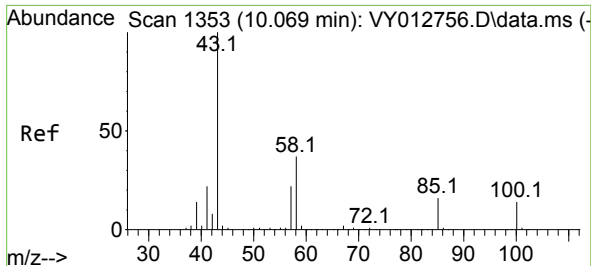
Tgt Ion: 98 Resp: 165886

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 127.833 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

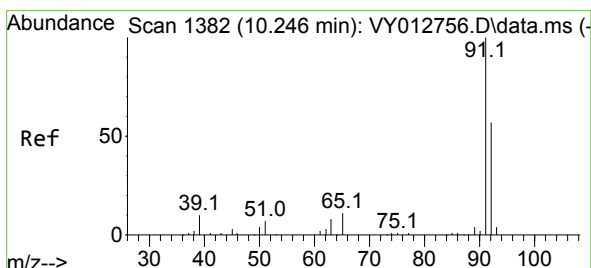
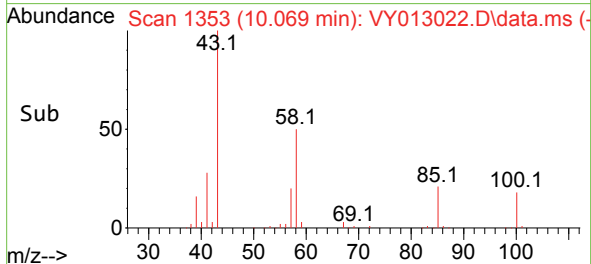
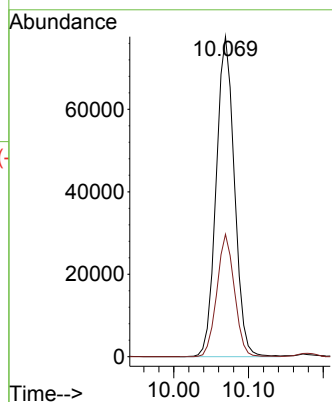
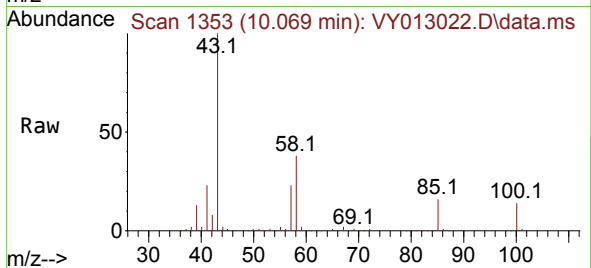
VY0321SBS01

Tgt Ion: 43 Resp: 131486

Ion Ratio Lower Upper

43 100

58 36.9 29.8 44.6



#52

Toluene

Concen: 22.095 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY013022.D

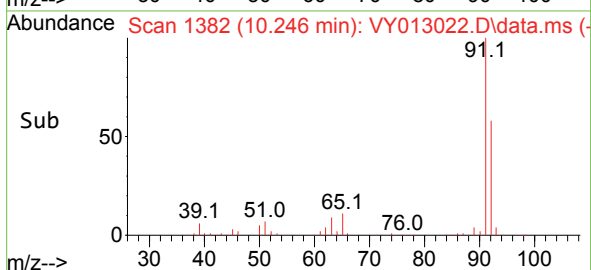
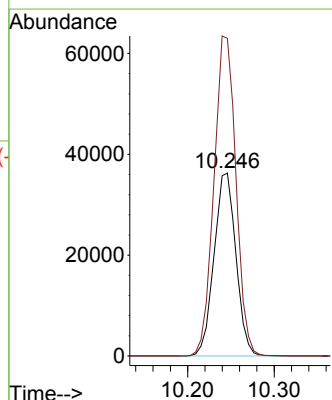
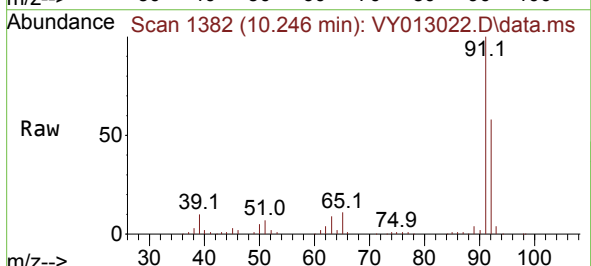
Acq: 21 Mar 2023 13:13

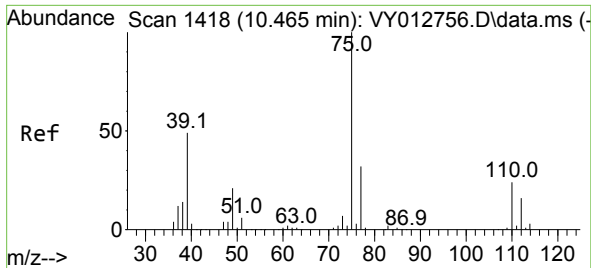
Tgt Ion: 92 Resp: 63562

Ion Ratio Lower Upper

92 100

91 176.1 141.3 211.9

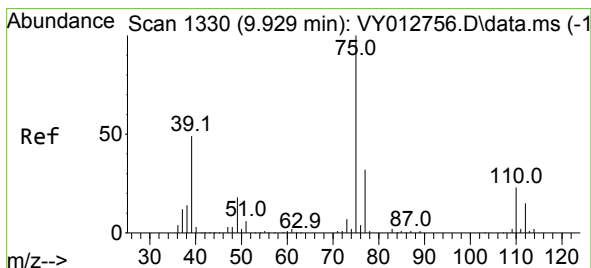
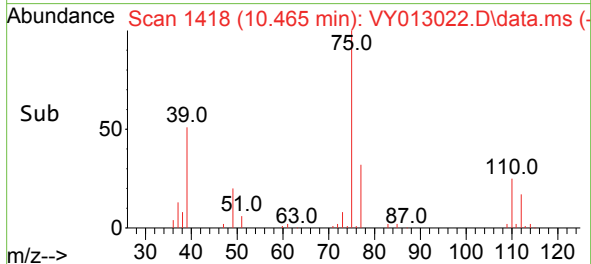
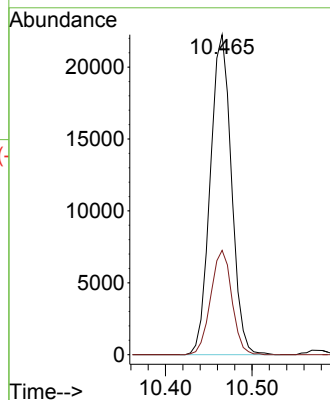
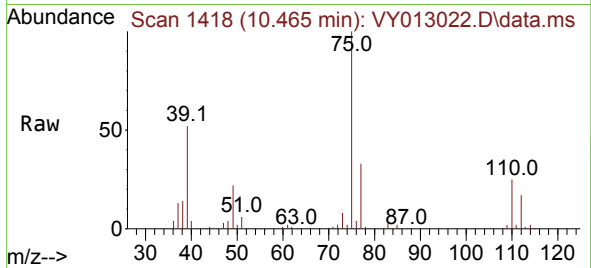




#53
t-1,3-Dichloropropene
Concen: 22.265 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

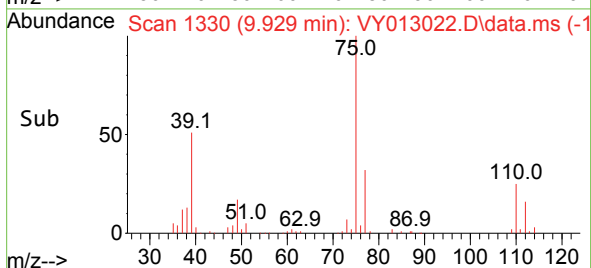
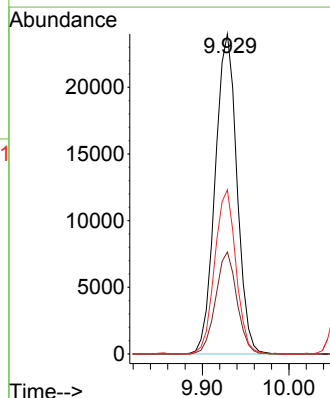
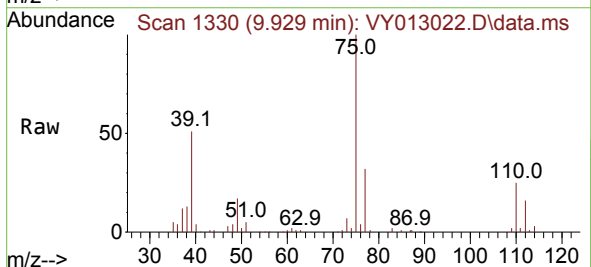
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

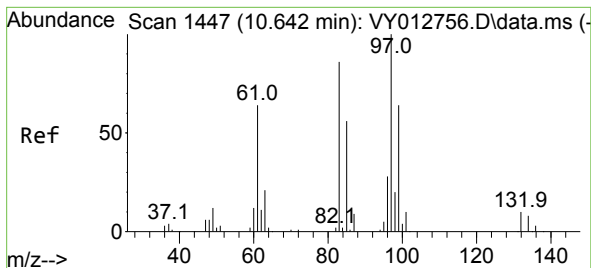
Tgt Ion: 75 Resp: 37796
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.755 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 75 Resp: 41801
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 51.3 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 23.302 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

Tgt Ion: 97 Resp: 22287

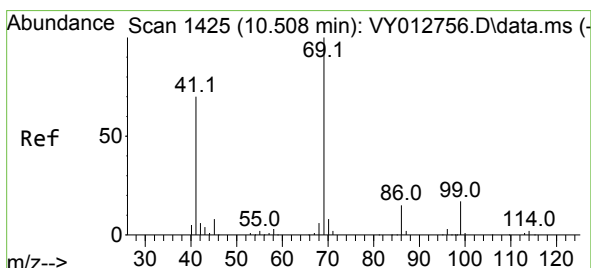
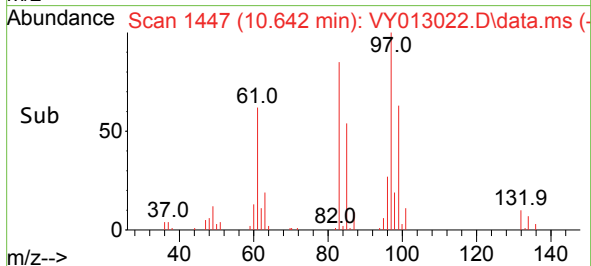
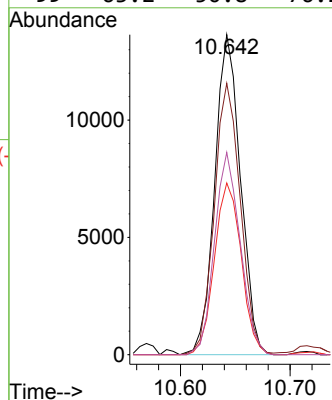
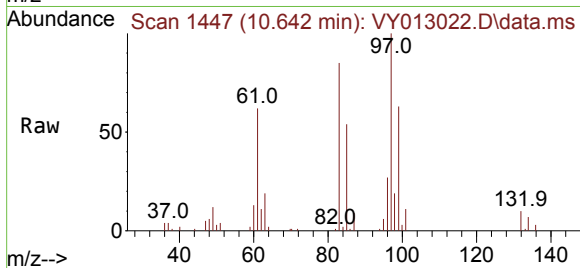
Ion Ratio Lower Upper

97 100

83 84.8 69.0 103.6

85 53.6 44.9 67.3

99 63.2 50.8 76.2



#56

Ethyl methacrylate

Concen: 23.301 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

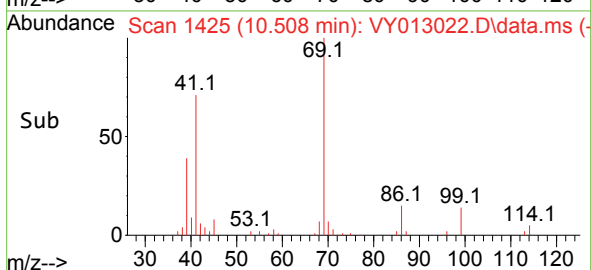
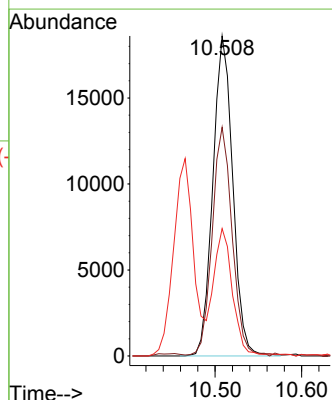
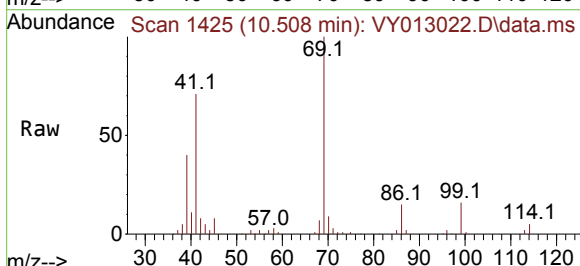
Tgt Ion: 69 Resp: 29716

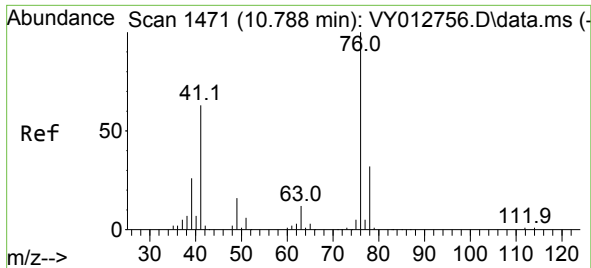
Ion Ratio Lower Upper

69 100

41 71.7 56.4 84.6

39 36.0 30.8 46.2

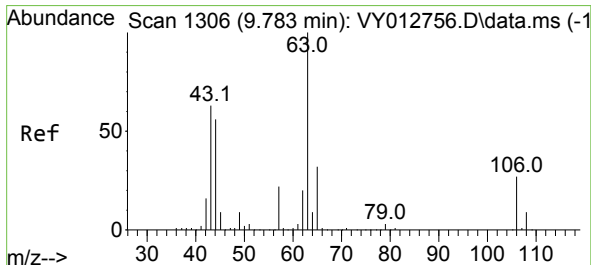
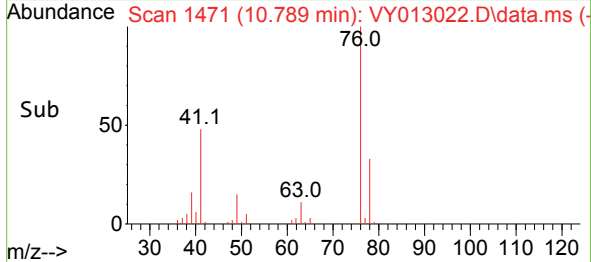
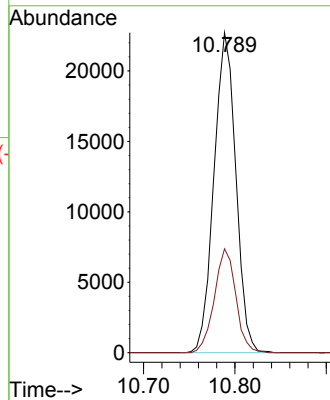
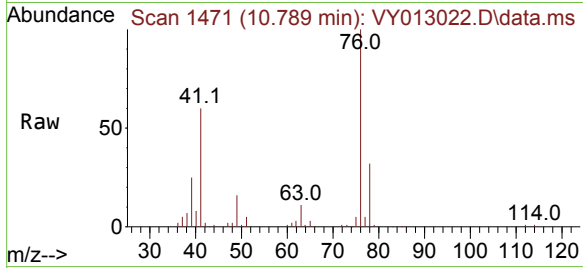




#57
1,3-Dichloropropane
Concen: 23.163 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

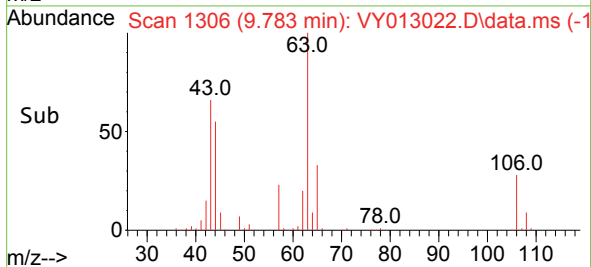
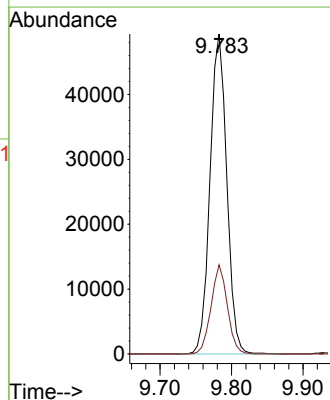
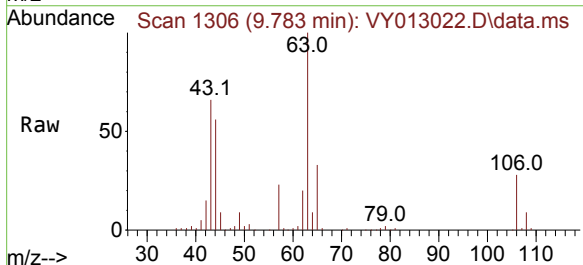
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

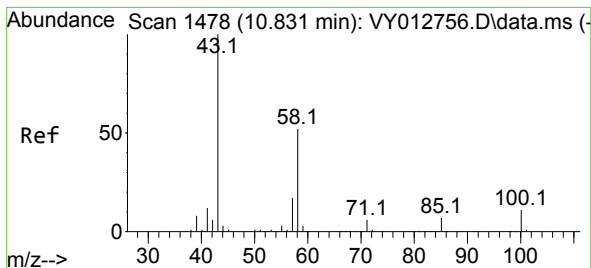
Tgt Ion: 76 Resp: 37733
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 119.821 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 63 Resp: 80218
Ion Ratio Lower Upper
63 100
106 27.0 22.1 33.1

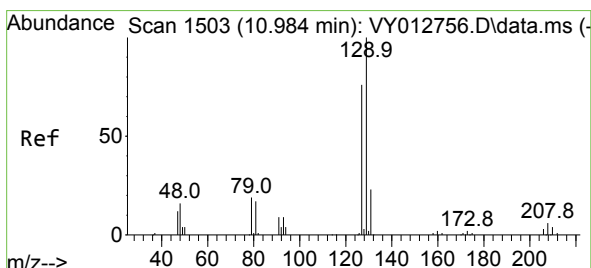
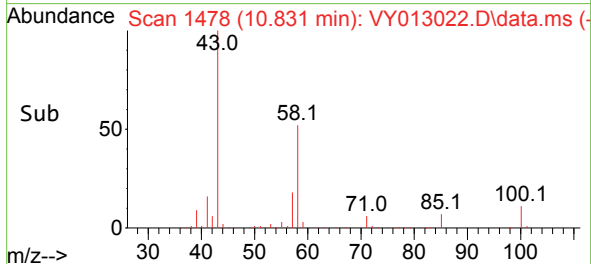
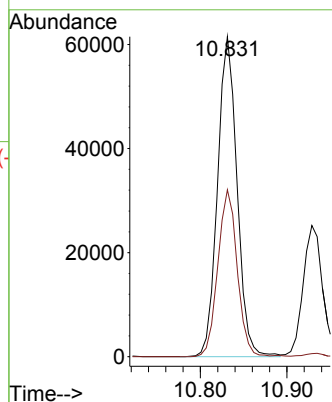
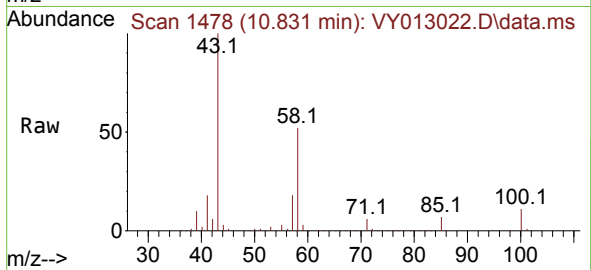




#59
2-Hexanone
Concen: 128.695 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

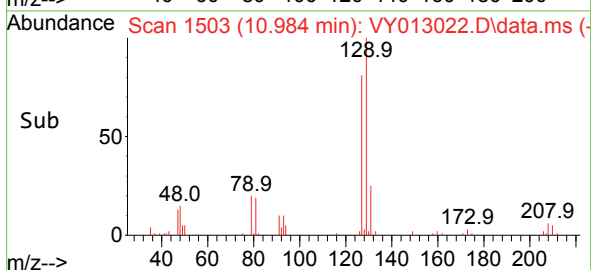
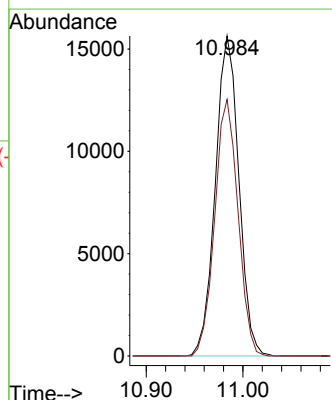
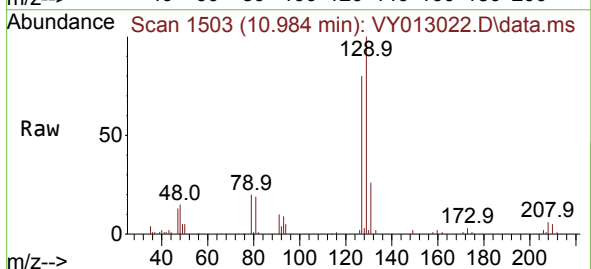
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

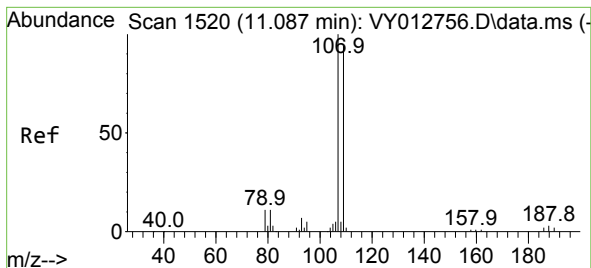
Tgt Ion: 43 Resp: 96206
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 22.643 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 129 Resp: 26362
Ion Ratio Lower Upper
129 100
127 79.4 38.7 116.1

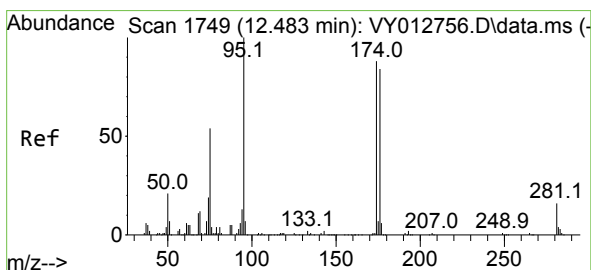
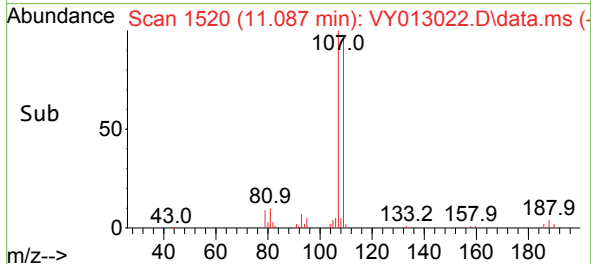
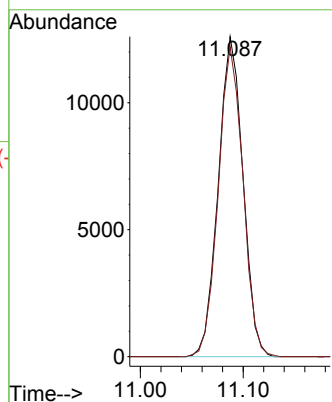
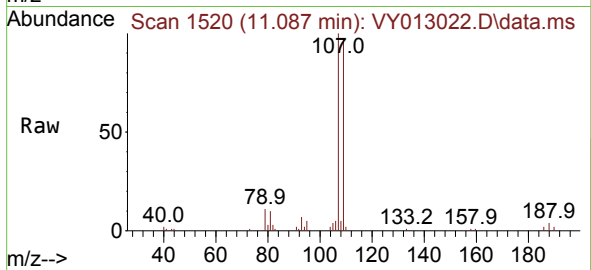




#61
1,2-Dibromoethane
Concen: 22.791 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

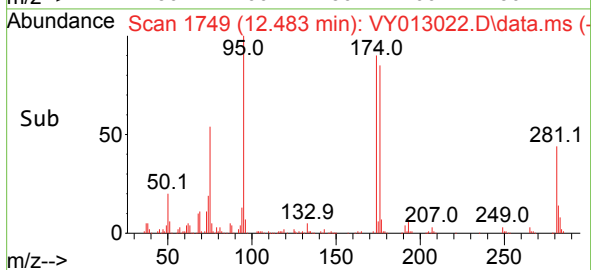
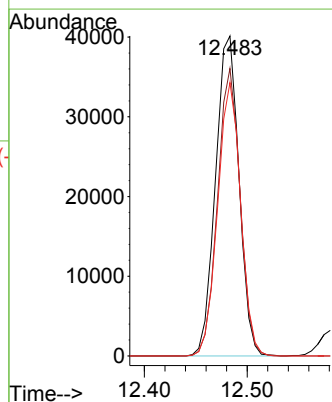
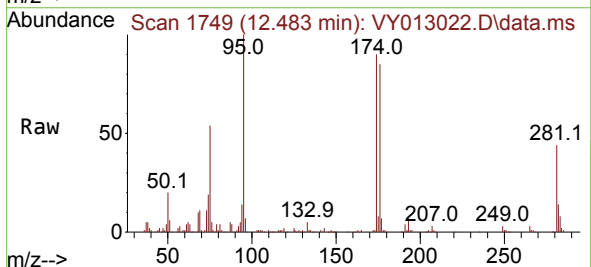
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

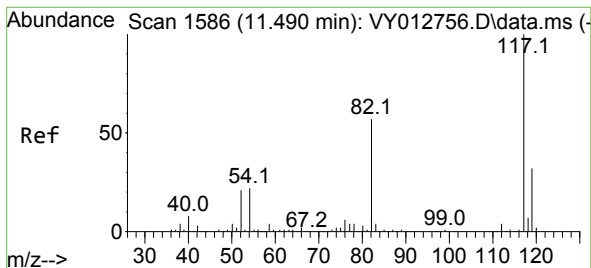
Tgt Ion:107 Resp: 20998
Ion Ratio Lower Upper
107 100
109 96.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.231 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion: 95 Resp: 63610
Ion Ratio Lower Upper
95 100
174 86.4 0.0 176.6
176 83.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

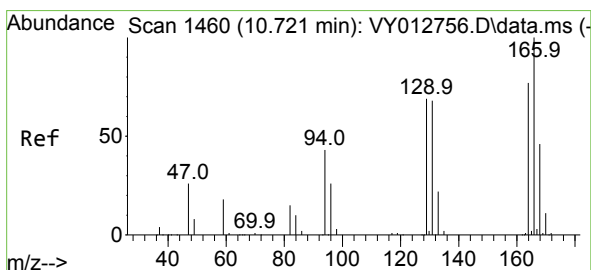
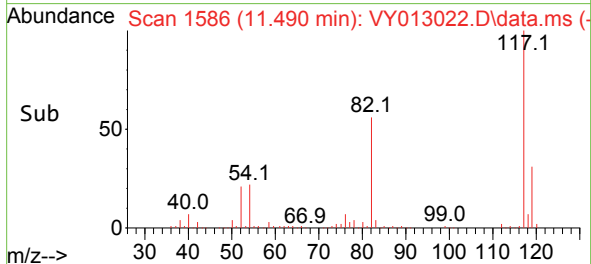
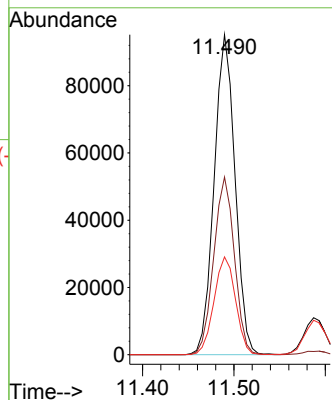
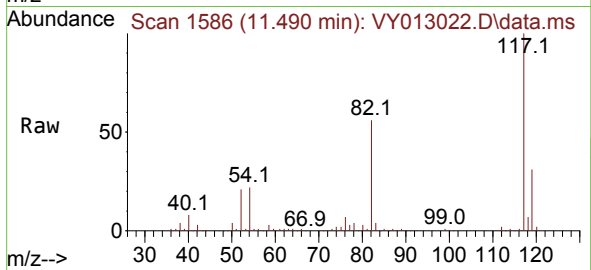
Tgt Ion:117 Resp: 151018

Ion Ratio Lower Upper

117 100

82 55.5 45.4 68.0

119 30.5 25.6 38.4



#64

Tetrachloroethene

Concen: 21.470 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Tgt Ion:164 Resp: 23607

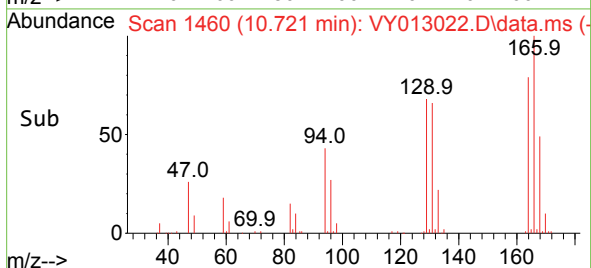
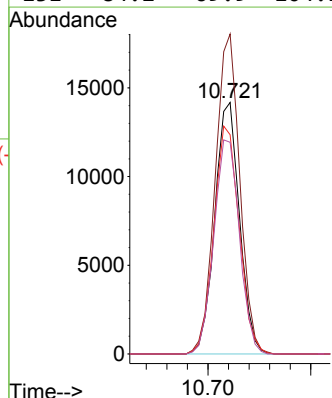
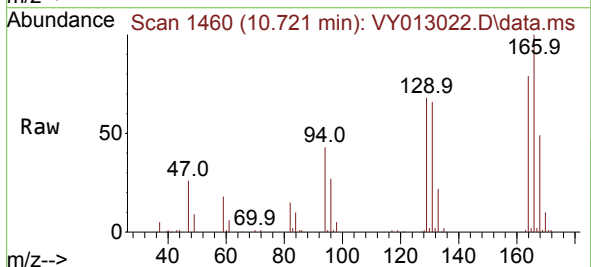
Ion Ratio Lower Upper

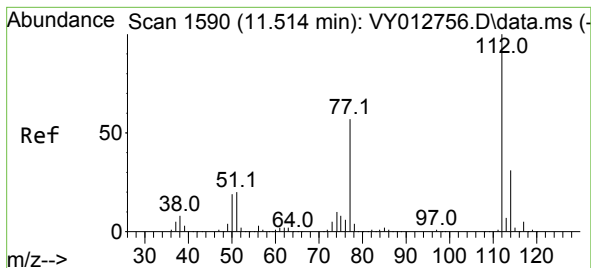
164 100

166 127.2 103.4 155.2

129 87.1 71.4 107.2

131 84.2 69.9 104.9

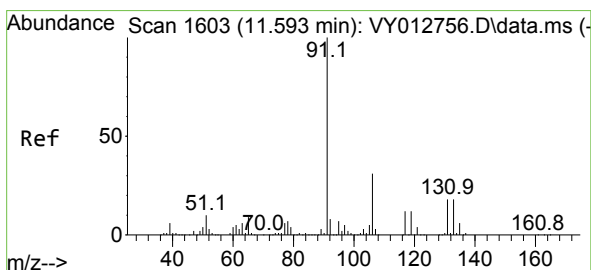
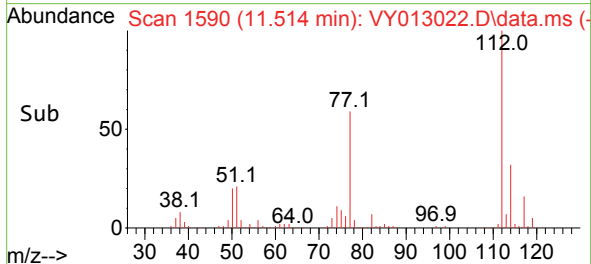
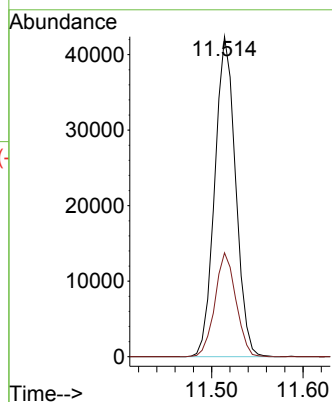
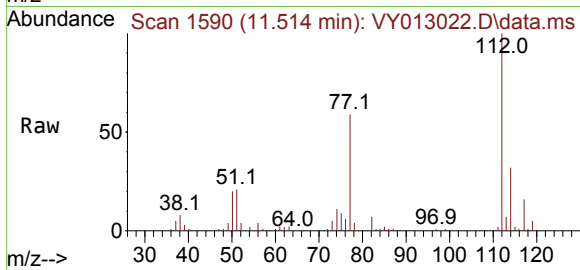




#65
Chlorobenzene
Concen: 21.148 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

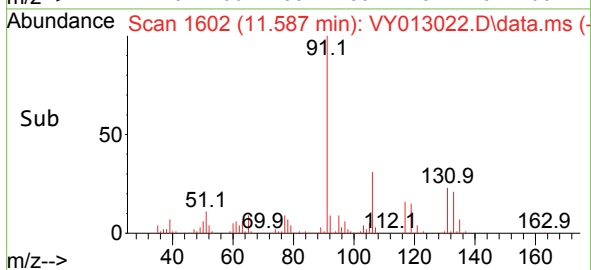
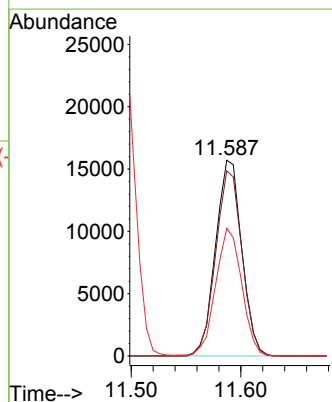
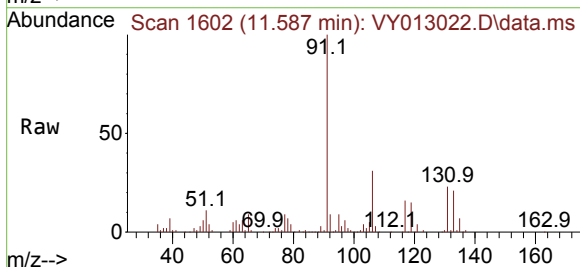
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

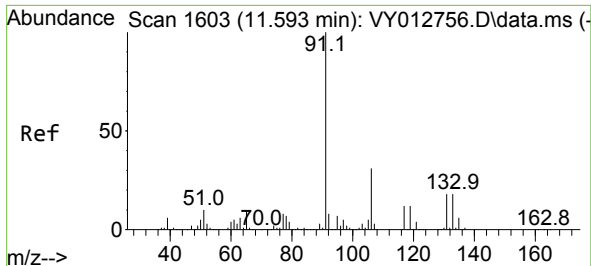
Tgt Ion:112 Resp: 67028
Ion Ratio Lower Upper
112 100
114 32.5 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.261 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion:131 Resp: 26108
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 65.0 32.6 98.0





#67

Ethyl Benzene

Concen: 21.292 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

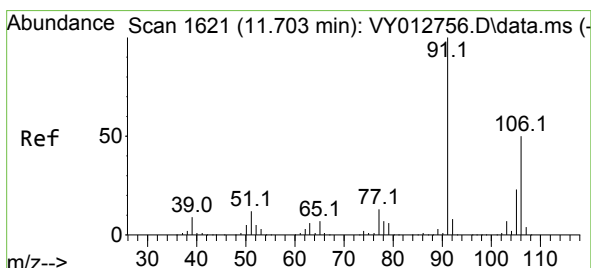
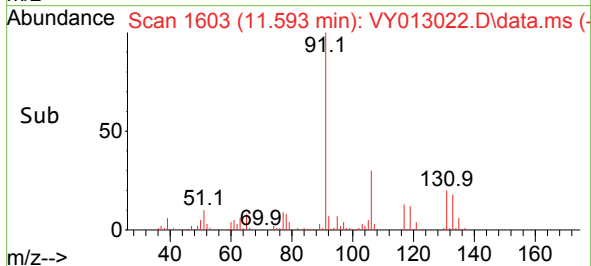
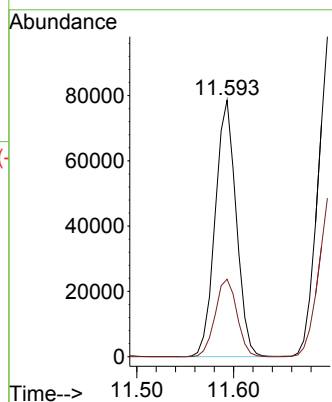
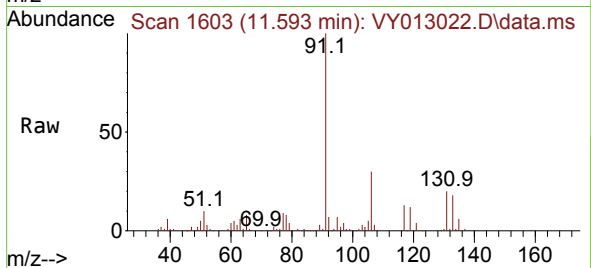
VY0321SBSD01

Tgt Ion: 91 Resp: 118650

Ion Ratio Lower Upper

91 100

106 30.2 25.1 37.7



#68

m/p-Xylenes

Concen: 42.977 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013022.D

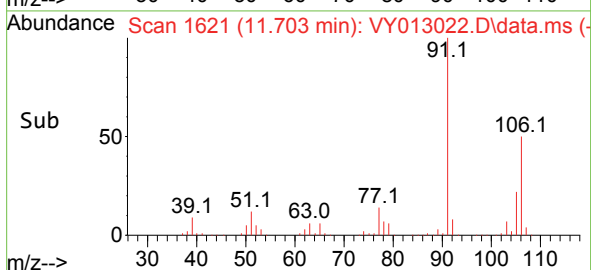
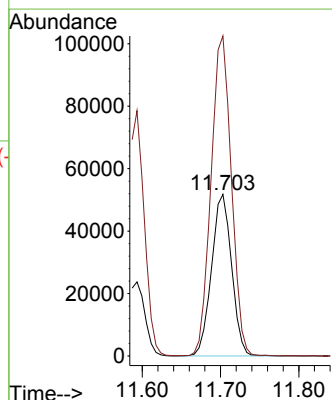
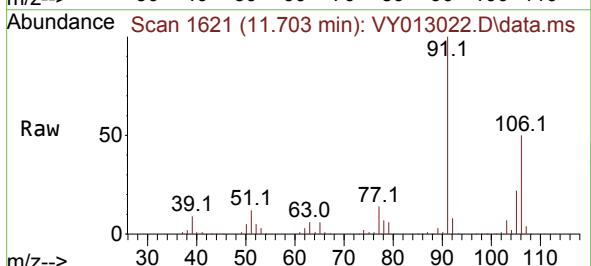
Acq: 21 Mar 2023 13:13

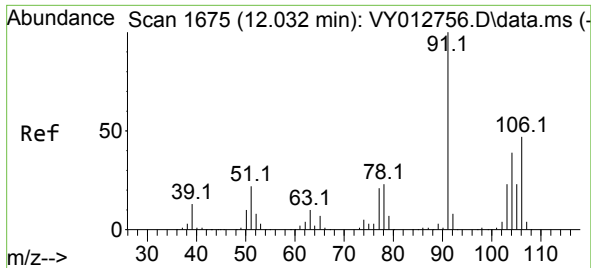
Tgt Ion:106 Resp: 92131

Ion Ratio Lower Upper

106 100

91 200.4 159.8 239.8

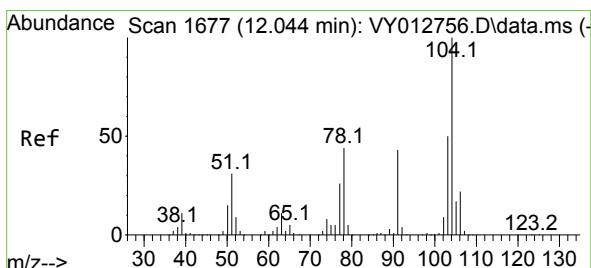
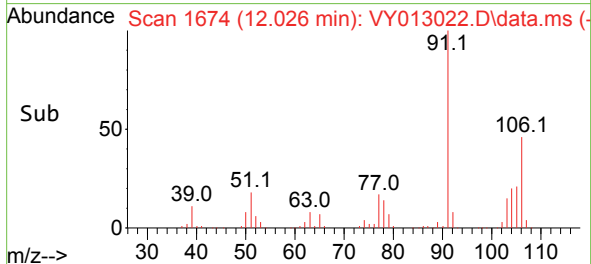
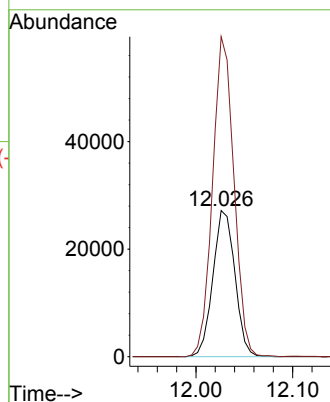
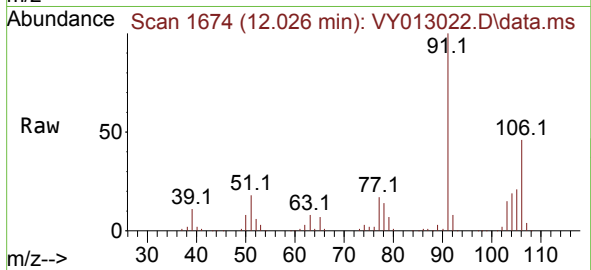




#69
o-Xylene
Concen: 21.460 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

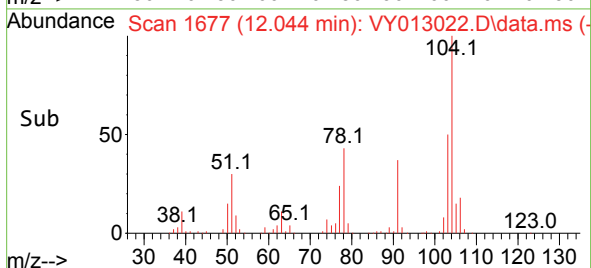
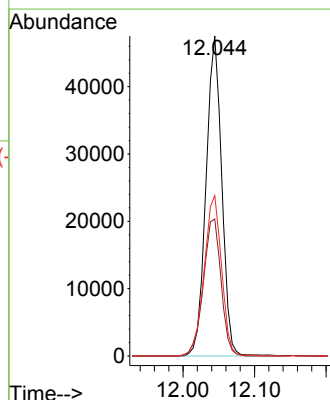
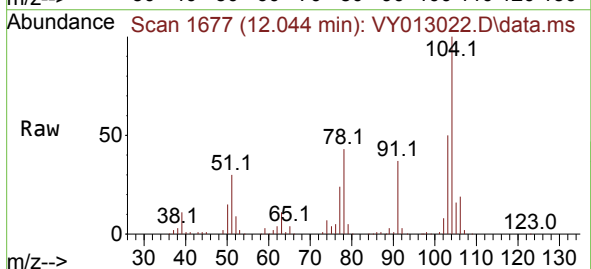
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

Tgt Ion:106 Resp: 42935
Ion Ratio Lower Upper
106 100
91 212.8 107.2 321.6



#70
Styrene
Concen: 21.790 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion:104 Resp: 72751
Ion Ratio Lower Upper
104 100
78 48.0 39.2 58.8
103 55.4 43.7 65.5





#71

Bromoform

Concen: 22.511 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBSD01

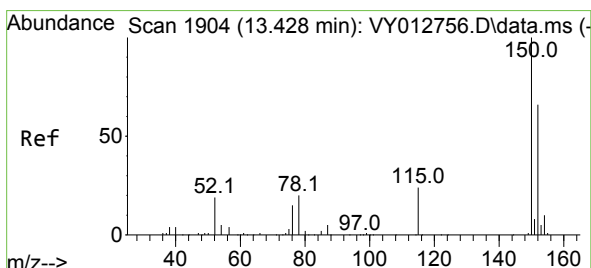
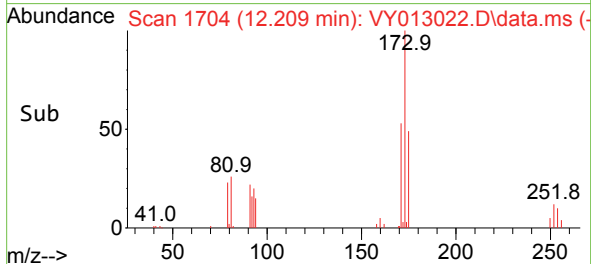
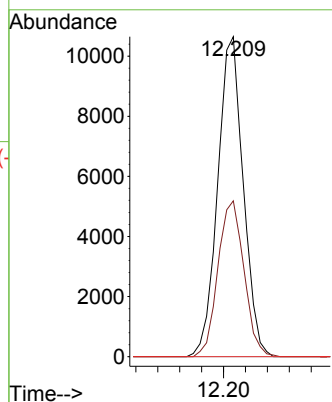
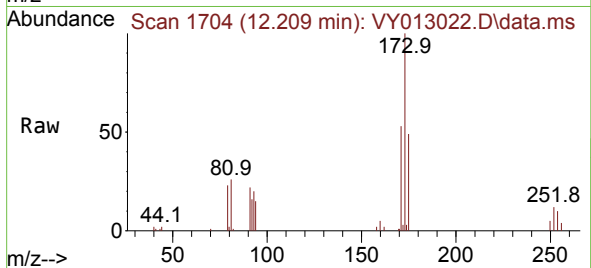
Tgt Ion:173 Resp: 17214

Ion Ratio Lower Upper

173 100

175 49.7 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

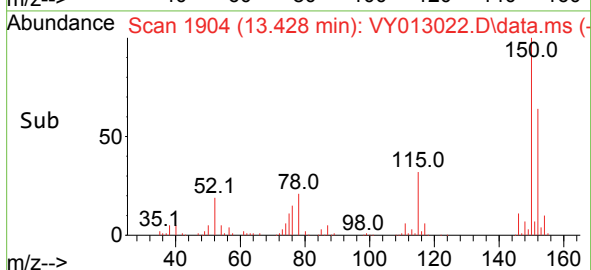
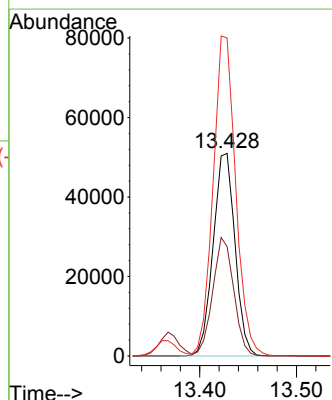
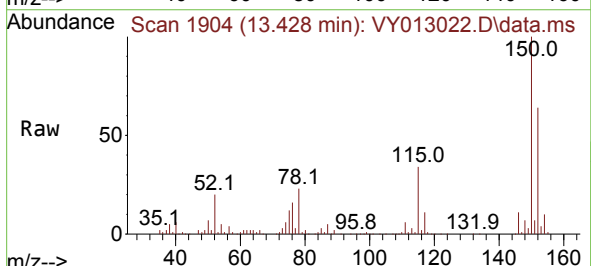
Tgt Ion:152 Resp: 80187

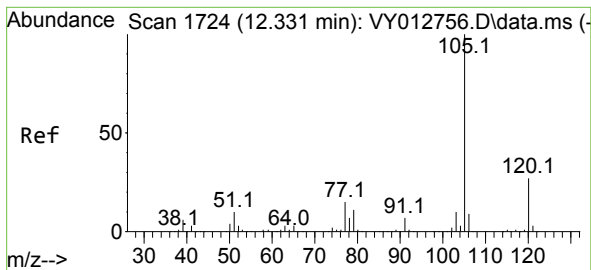
Ion Ratio Lower Upper

152 100

115 56.2 27.1 81.3

150 163.1 0.0 347.8





#73

Isopropylbenzene

Concen: 20.081 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

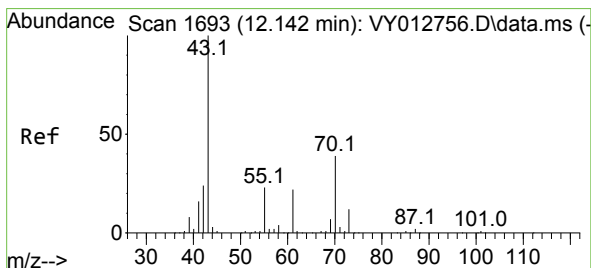
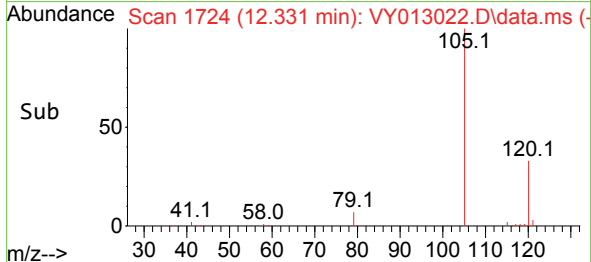
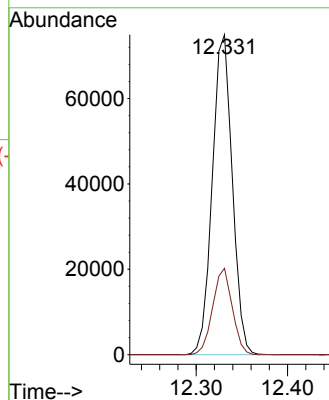
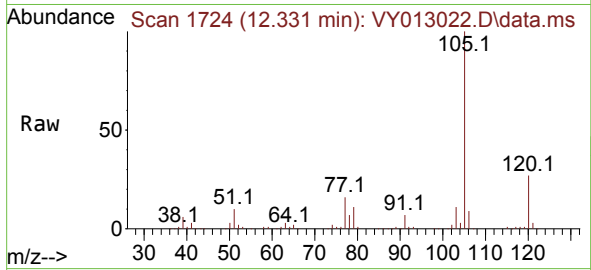
VY0321SBS01

Tgt Ion:105 Resp: 114117

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 21.896 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Tgt Ion: 43 Resp: 39152

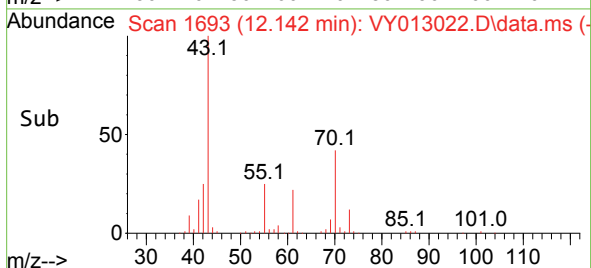
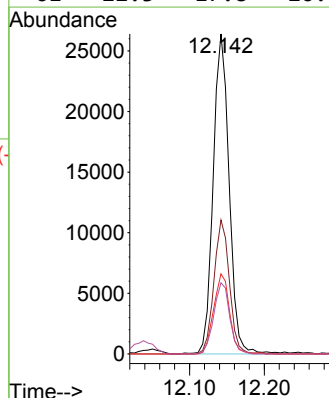
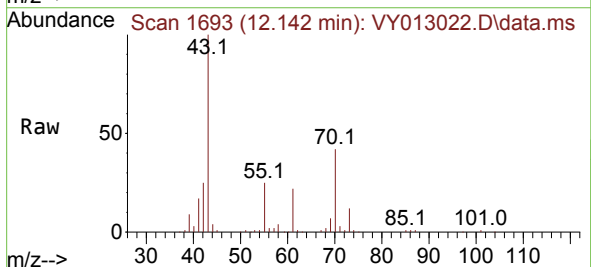
Ion Ratio Lower Upper

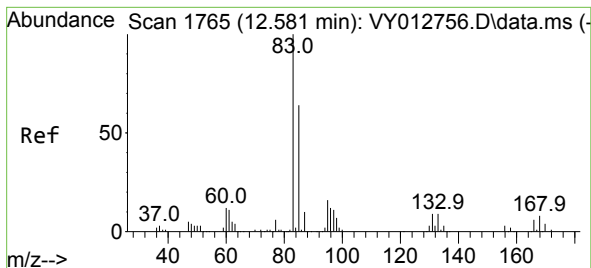
43 100

70 40.7 31.6 47.4

55 24.9 18.8 28.2

61 22.3 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.733 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

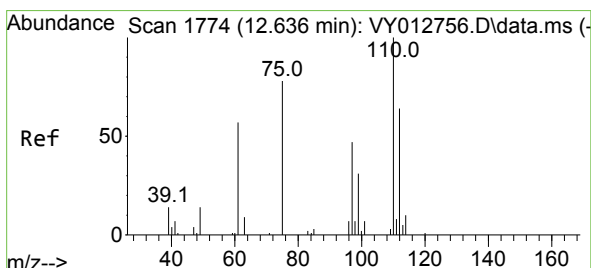
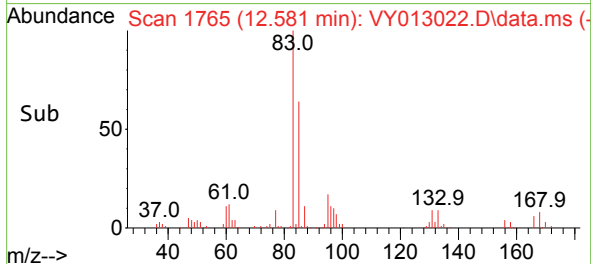
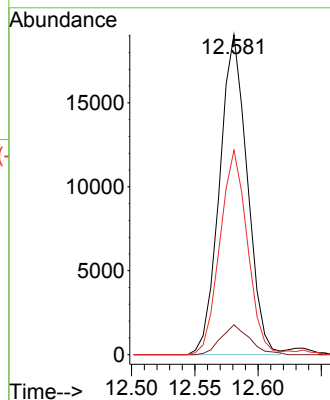
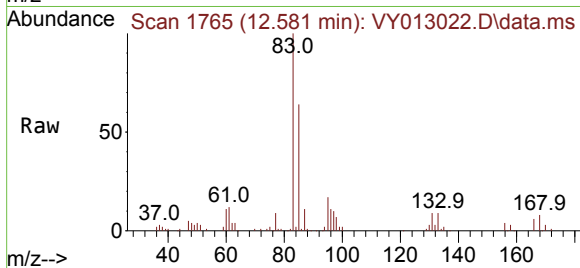
Tgt Ion: 83 Resp: 29041

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

85 63.8 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 37.706 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013022.D

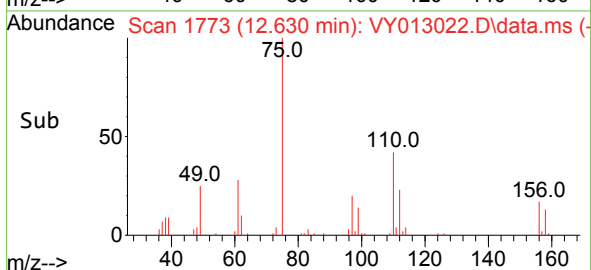
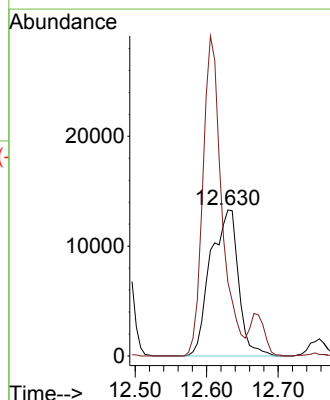
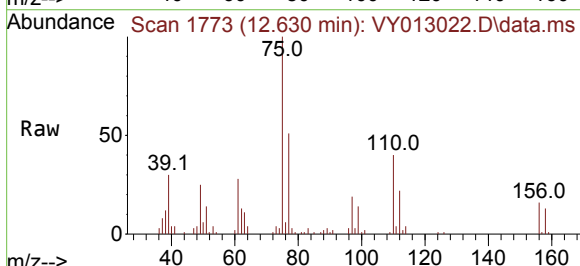
Acq: 21 Mar 2023 13:13

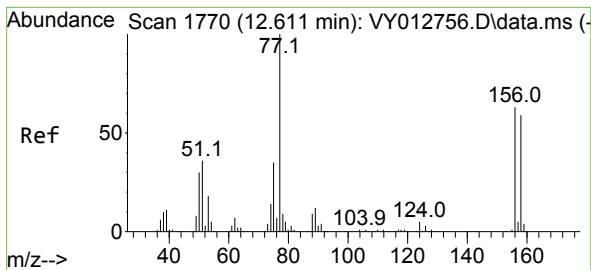
Tgt Ion: 75 Resp: 36106

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.912 ug/l

RT: 12.605 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

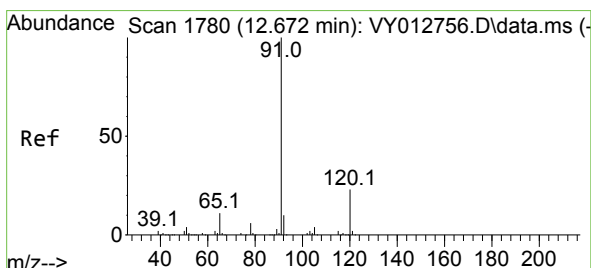
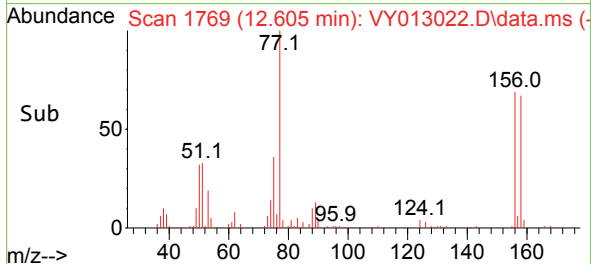
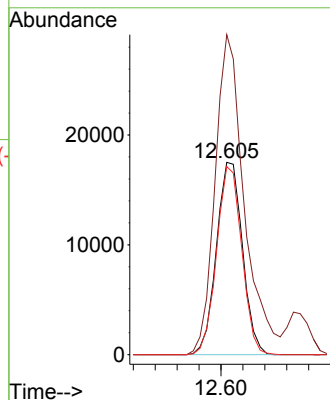
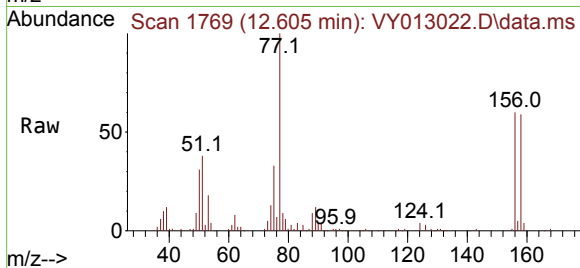
Tgt Ion:156 Resp: 28870

Ion Ratio Lower Upper

156 100

77 186.5 94.0 282.1

158 94.5 48.1 144.4



#78

n-propylbenzene

Concen: 20.671 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013022.D

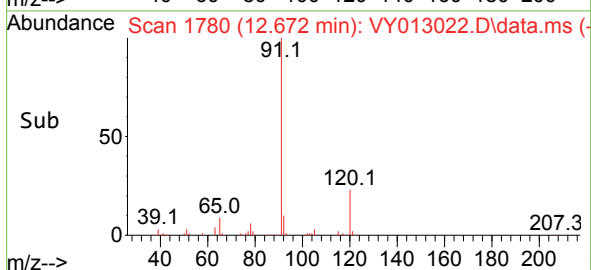
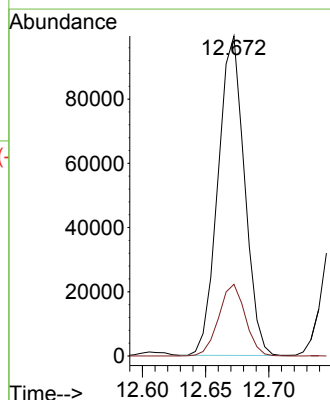
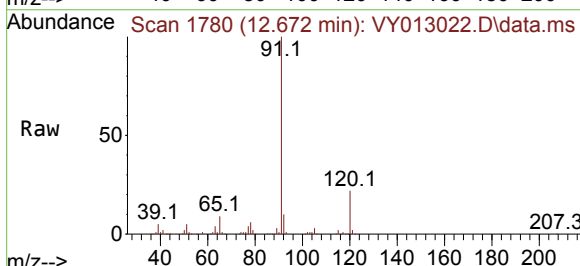
Acq: 21 Mar 2023 13:13

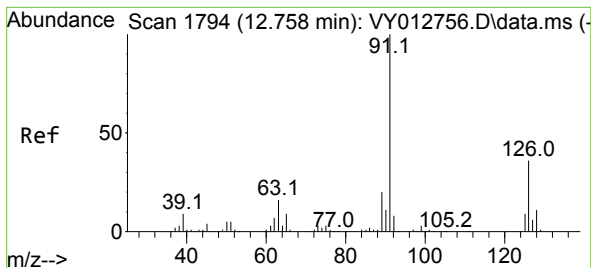
Tgt Ion: 91 Resp: 144833

Ion Ratio Lower Upper

91 100

120 22.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 20.717 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

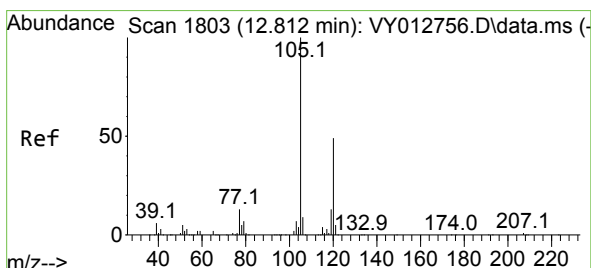
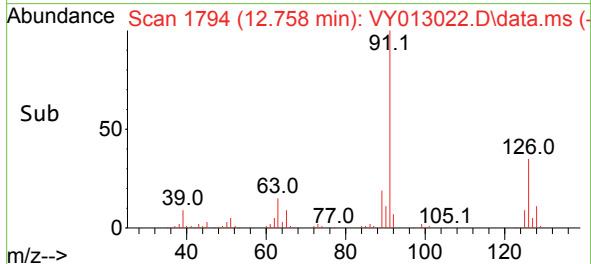
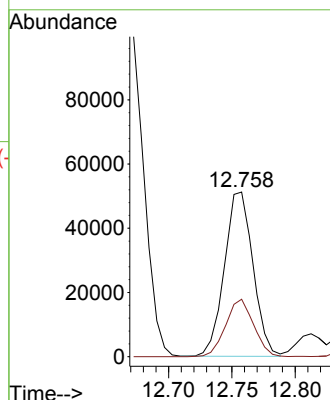
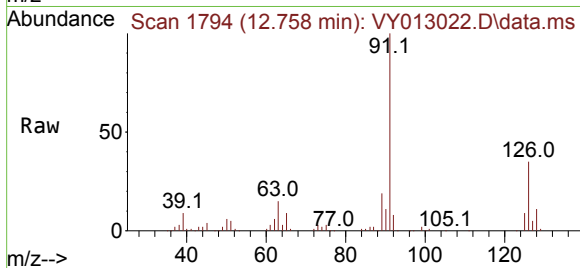
VY0321SBS01

Tgt Ion: 91 Resp: 80672

Ion Ratio Lower Upper

91 100

126 34.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.712 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013022.D

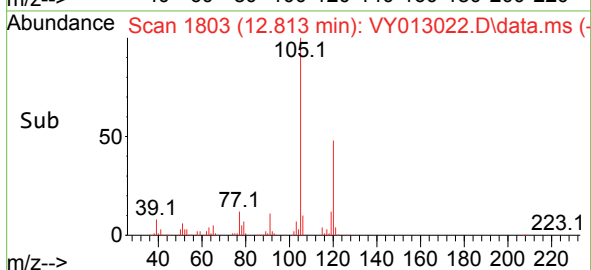
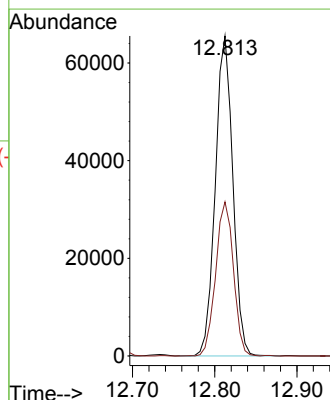
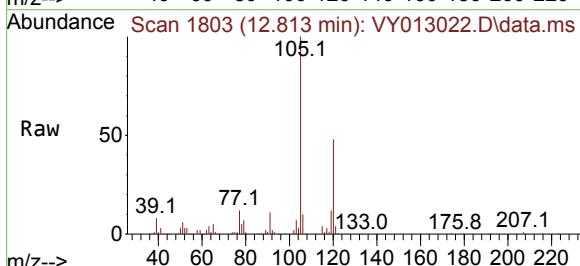
Acq: 21 Mar 2023 13:13

Tgt Ion:105 Resp: 97136

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4

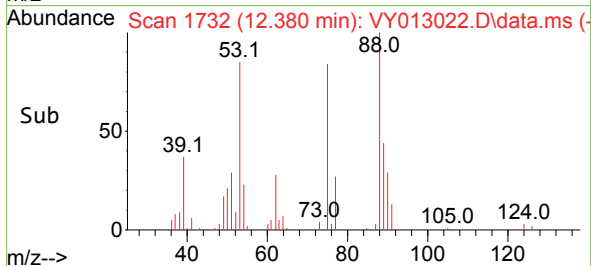
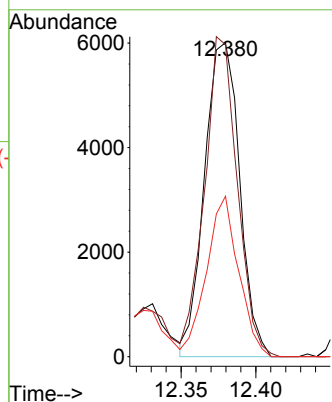
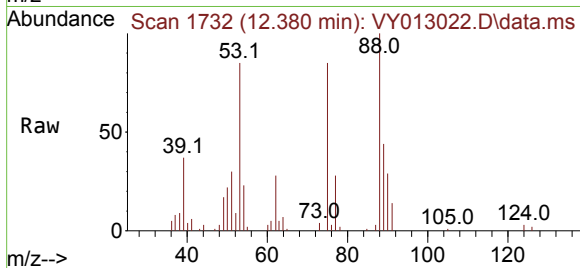




#81
trans-1,4-Dichloro-2-butene
Concen: 21.225 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

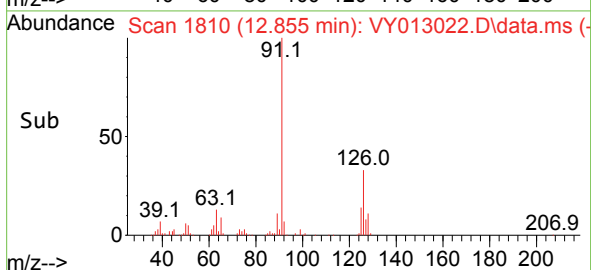
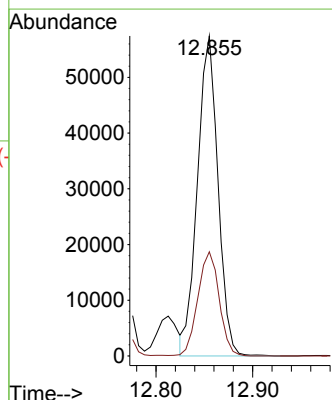
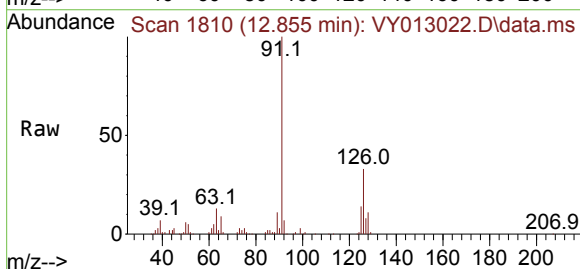
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

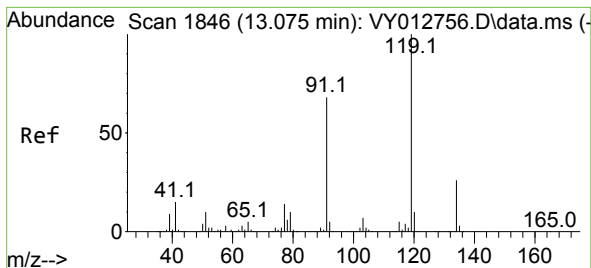
Tgt Ion:	75	Resp:	9809
Ion	Ratio	Lower	Upper
75	100		
53	95.1	73.4	110.0
89	46.8	36.6	55.0



#82
4-Chlorotoluene
Concen: 21.073 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013022.D
Acq: 21 Mar 2023 13:13

Tgt Ion:	91	Resp:	84942
Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.7	53.1





#83

tert-Butylbenzene

Concen: 20.772 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBSD01

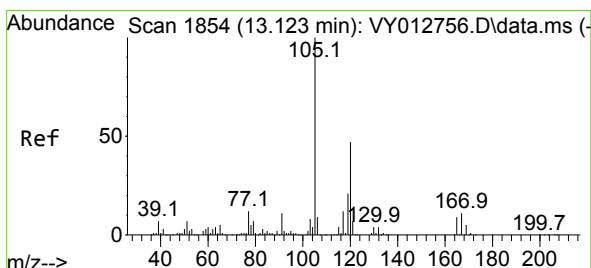
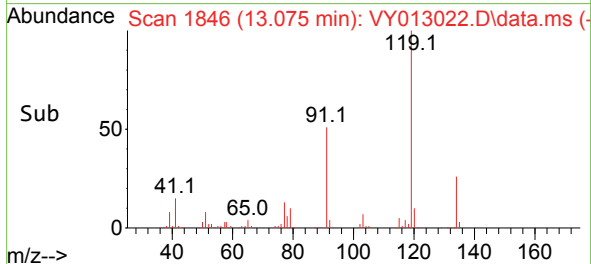
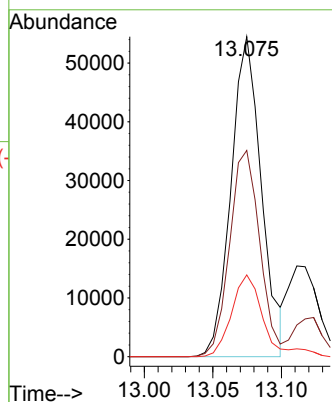
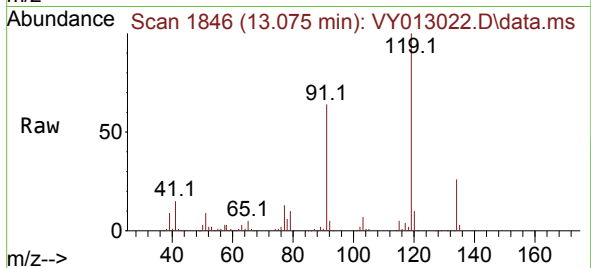
Tgt Ion:119 Resp: 84084

Ion Ratio Lower Upper

119 100

91 63.9 32.8 98.3

134 26.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.601 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013022.D

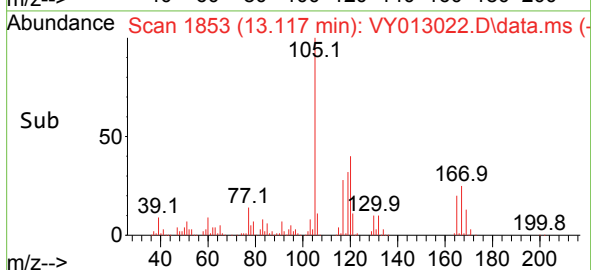
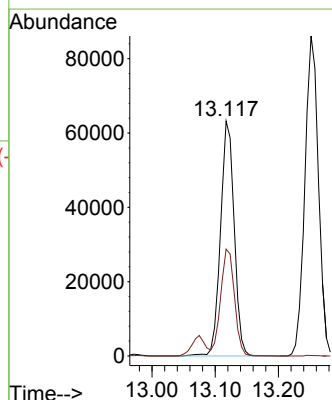
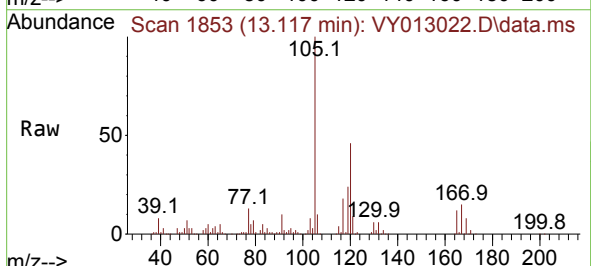
Acq: 21 Mar 2023 13:13

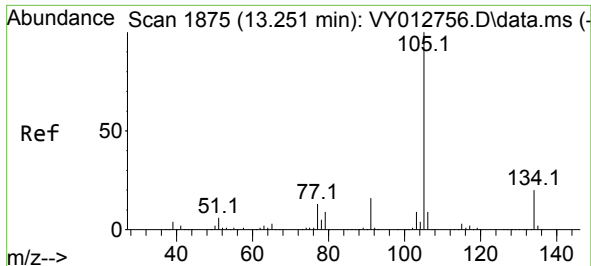
Tgt Ion:105 Resp: 94477

Ion Ratio Lower Upper

105 100

120 45.7 23.0 69.0

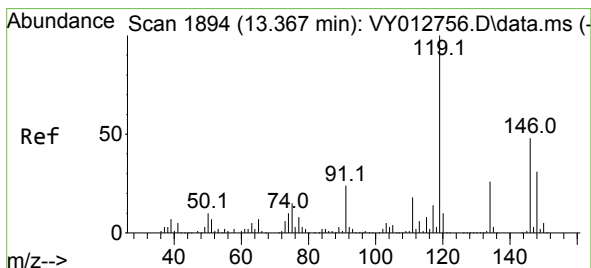
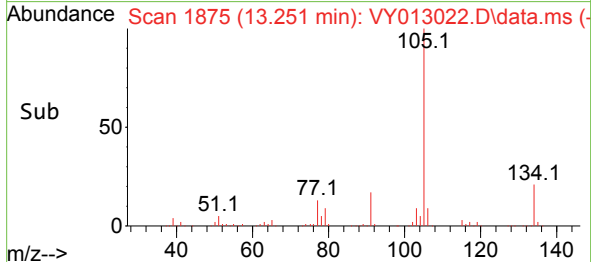
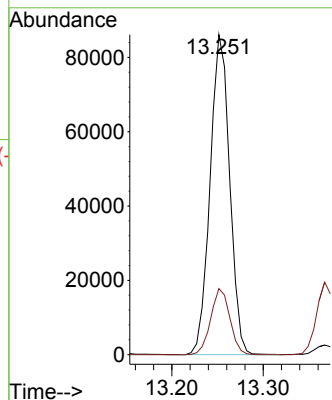
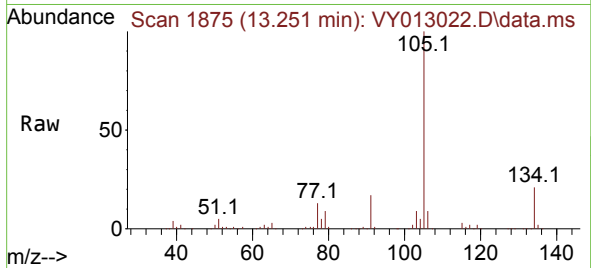




#85
 sec-Butylbenzene
 Concen: 20.707 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013022.D
 Acq: 21 Mar 2023 13:13

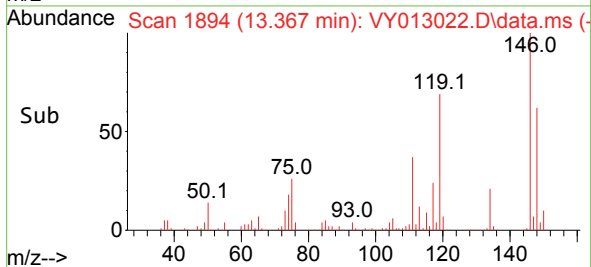
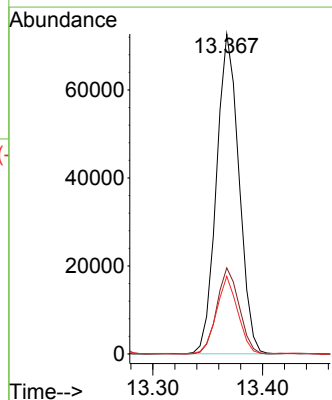
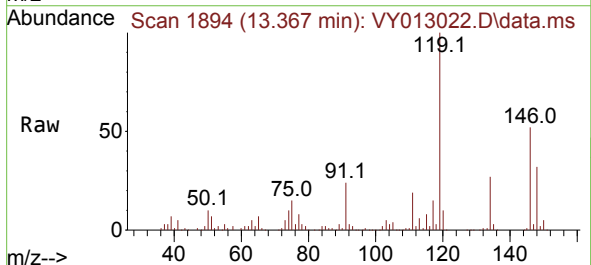
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBSD01

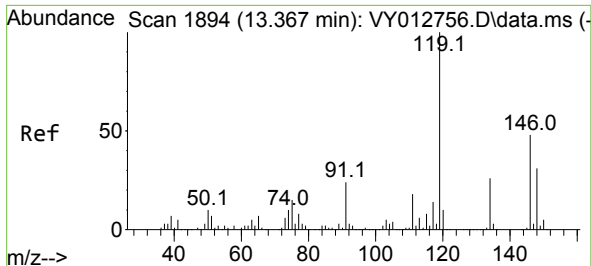
Tgt Ion:105 Resp: 127874
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.514 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013022.D
 Acq: 21 Mar 2023 13:13

Tgt Ion:119 Resp: 103535
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.6
 91 23.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 21.468 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBSD01

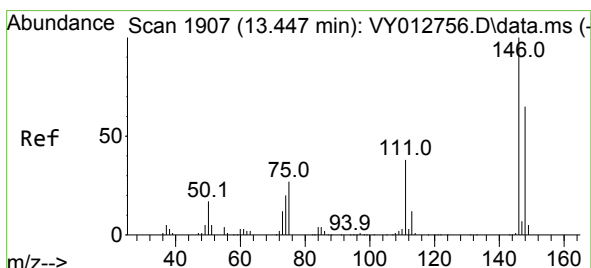
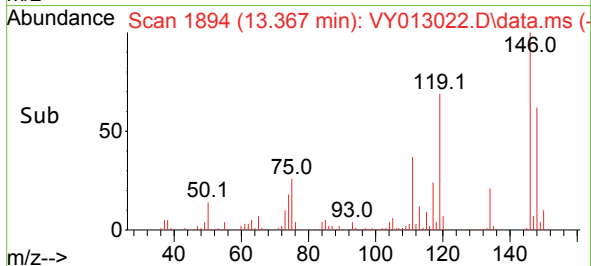
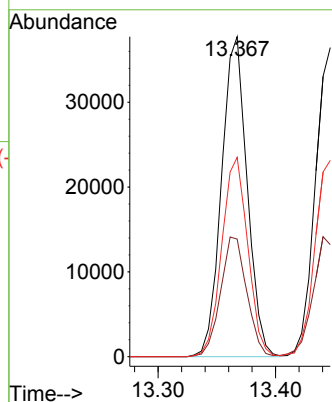
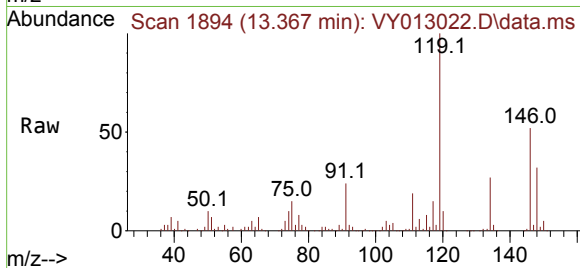
Tgt Ion:146 Resp: 57163

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.5

148 63.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.576 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

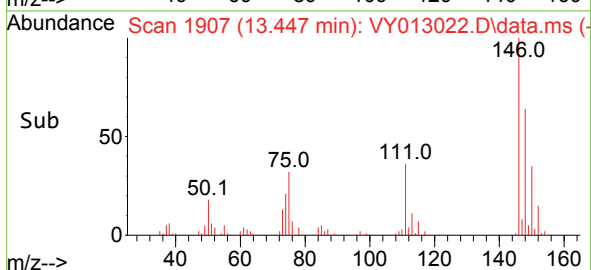
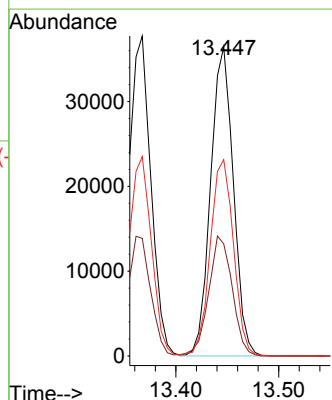
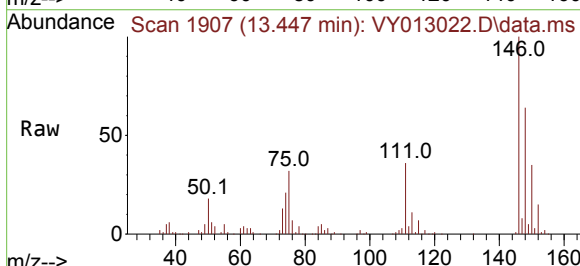
Tgt Ion:146 Resp: 55916

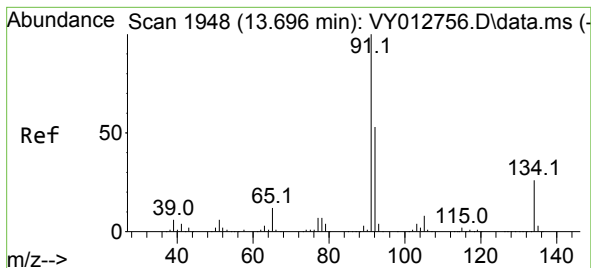
Ion Ratio Lower Upper

146 100

111 40.3 18.6 55.8

148 65.1 31.5 94.5





#89

n-Butylbenzene

Concen: 20.386 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBSD01

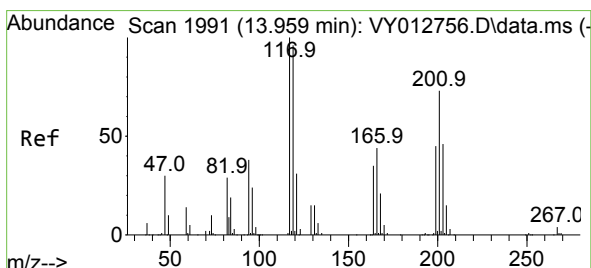
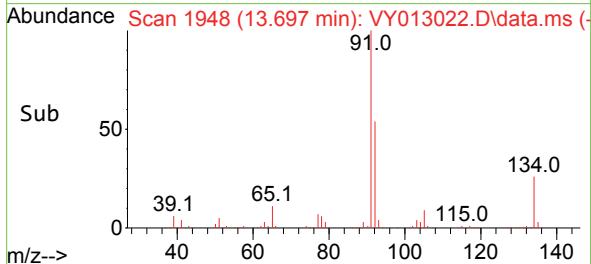
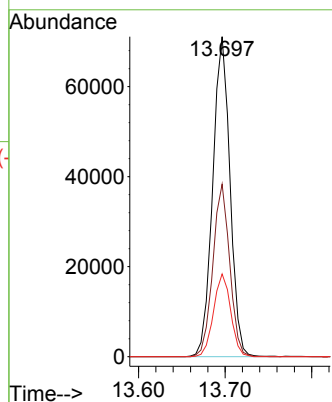
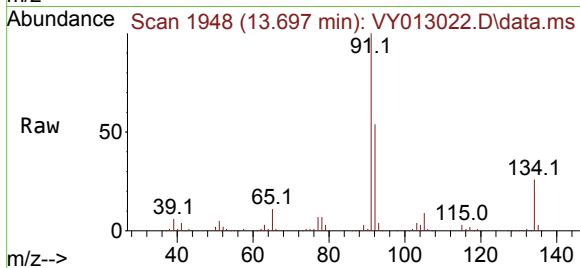
Tgt Ion: 91 Resp: 98498

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 21.163 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013022.D

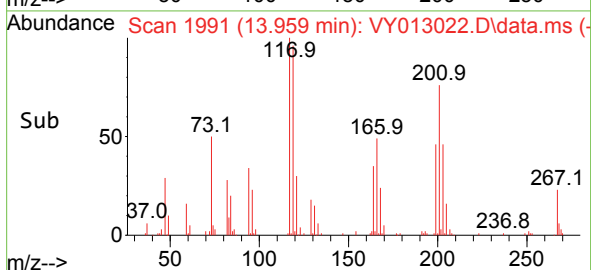
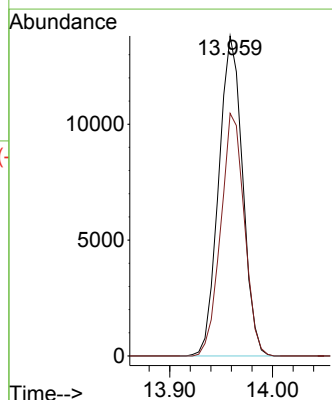
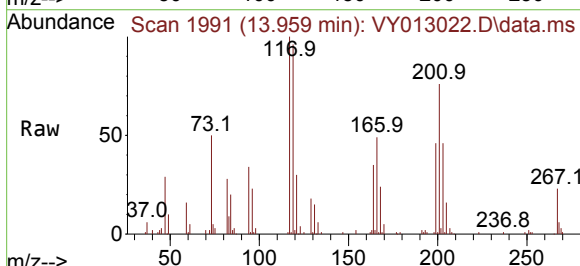
Acq: 21 Mar 2023 13:13

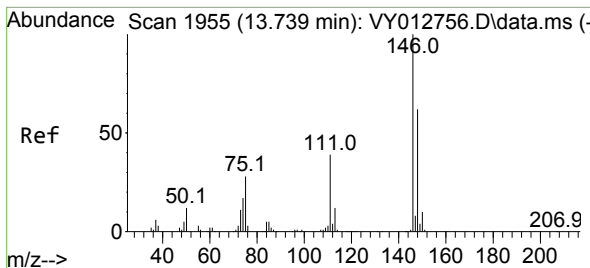
Tgt Ion: 117 Resp: 22247

Ion Ratio Lower Upper

117 100

201 74.9 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 21.610 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

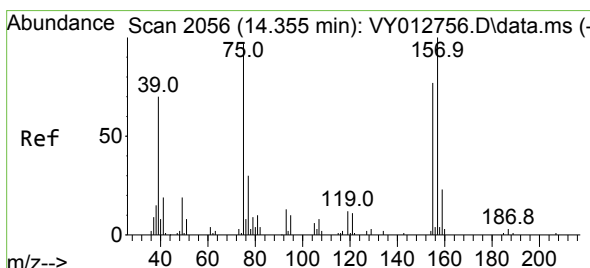
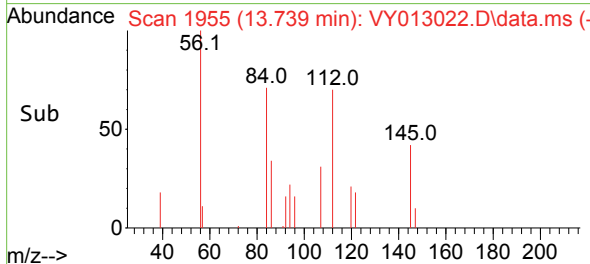
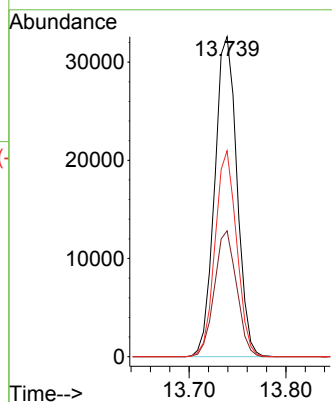
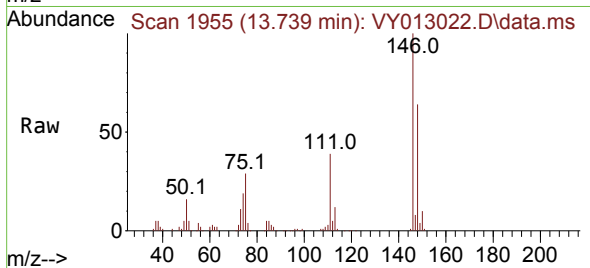
Tgt Ion:146 Resp: 52014

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

148 62.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.363 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

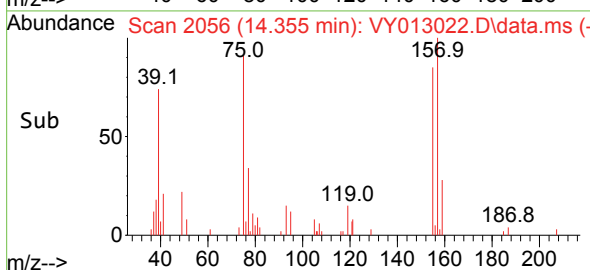
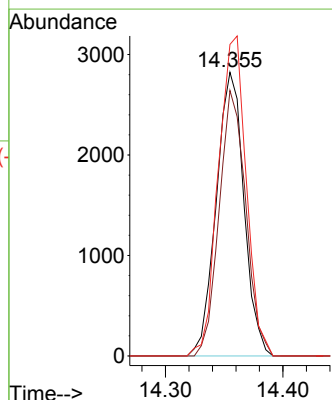
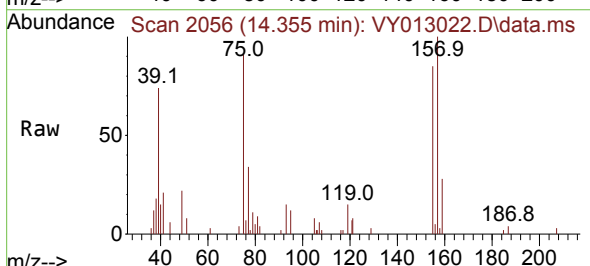
Tgt Ion: 75 Resp: 4617

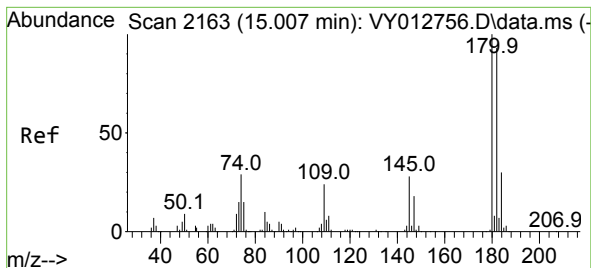
Ion Ratio Lower Upper

75 100

155 89.9 43.8 131.4

157 113.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.359 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBSD01

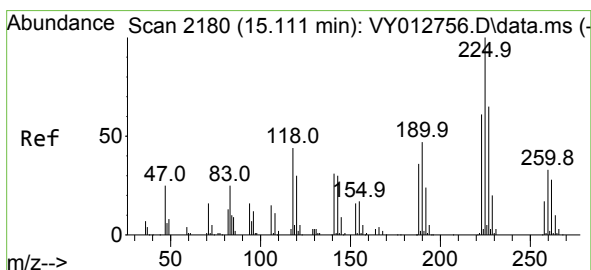
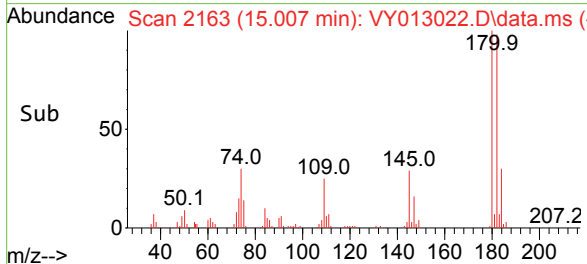
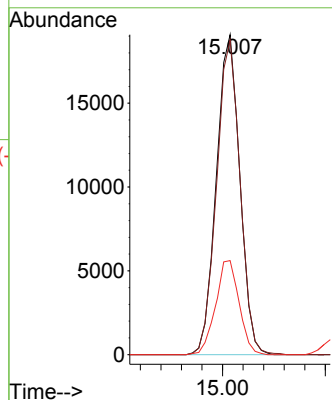
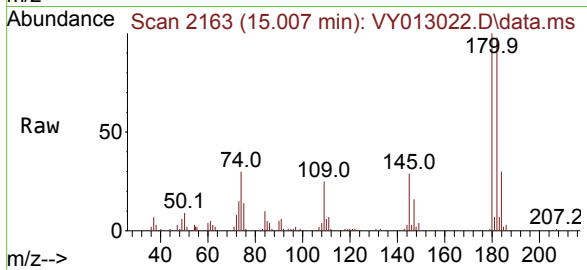
Tgt Ion:180 Resp: 30172

Ion Ratio Lower Upper

180 100

182 98.3 46.7 140.1

145 29.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.363 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

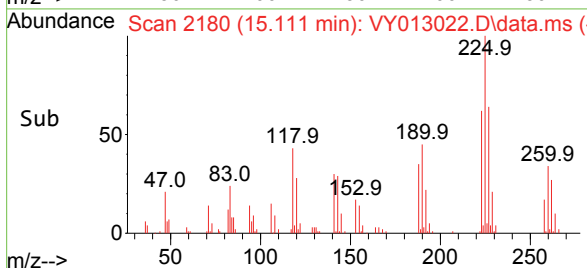
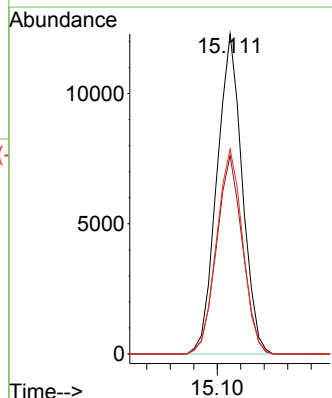
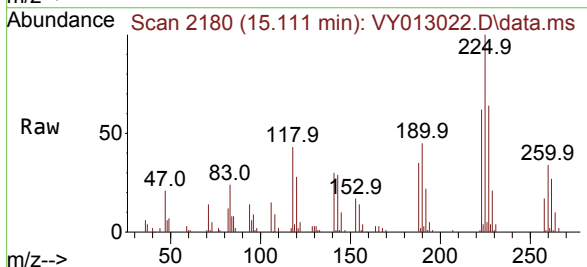
Tgt Ion:225 Resp: 18406

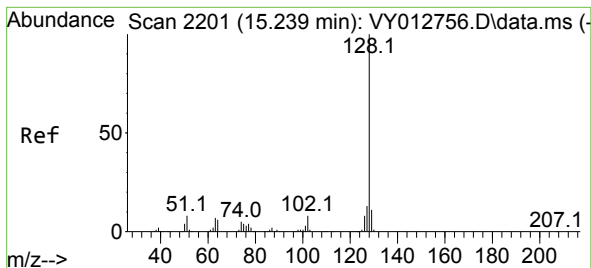
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.3

227 65.9 32.4 97.0





#95

Naphthalene

Concen: 21.189 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

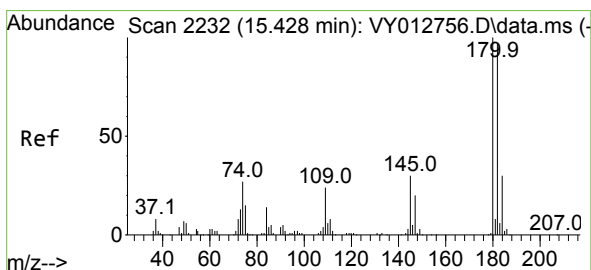
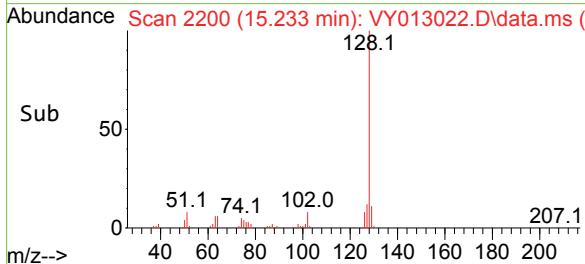
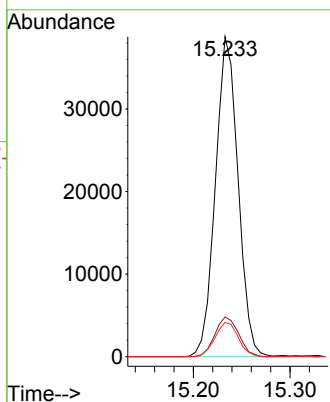
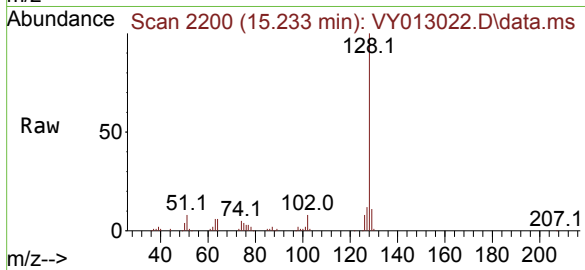
Tgt Ion:128 Resp: 62927

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.668 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013022.D

Acq: 21 Mar 2023 13:13

Tgt Ion:180 Resp: 27241

Ion Ratio Lower Upper

180 100

182 97.5 47.4 142.3

145 32.0 15.3 45.8

