

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014899.D
 Acq On : 28 Jul 2023 11:20
 Operator : SY/MD
 Sample : VY0727SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Quant Time: Jul 29 03:01:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	198443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	299913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153010	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120760	53.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.800%	
35) Dibromofluoromethane	7.710	113	108829	51.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.140%	
50) Toluene-d8	10.173	98	390684	50.218	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	12.477	95	145061	48.628	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28278	17.491	ug/l	93
3) Chloromethane	2.107	50	37894	20.851	ug/l	96
4) Vinyl Chloride	2.241	62	43443	21.389	ug/l	99
5) Bromomethane	2.619	94	32465	24.187	ug/l	97
6) Chloroethane	2.772	64	28255	22.271	ug/l	97
7) Trichlorofluoromethane	3.107	101	62146	18.218	ug/l	98
8) Diethyl Ether	3.521	74	22416	17.661	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	35227	16.848	ug/l	96
10) Methyl Iodide	4.076	142	29102	14.877	ug/l	98
11) Tert butyl alcohol	4.942	59	63021	124.339	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	32938	16.855	ug/l	92
13) Acrolein	3.723	56	19619	83.007	ug/l	99
14) Allyl chloride	4.466	41	52884	15.242	ug/l	97
15) Acrylonitrile	5.155	53	69368	99.112	ug/l	98
16) Acetone	3.942	43	67927	94.792	ug/l	91
17) Carbon Disulfide	4.180	76	87196	15.585	ug/l	98
18) Methyl Acetate	4.466	43	55938	20.342	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	111488	17.563	ug/l	97
20) Methylene Chloride	4.704	84	49999	18.847	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	37352	16.843	ug/l	94
22) Diisopropyl ether	6.106	45	116201	16.472	ug/l	95
23) Vinyl Acetate	6.051	43	358539	84.932	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	68161	16.887	ug/l #	95
25) 2-Butanone	6.978	43	105518	100.650	ug/l	100
26) 2,2-Dichloropropane	6.972	77	62164	16.160	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	44813	17.360	ug/l	94
28) Bromochloromethane	7.326	49	36240	20.847	ug/l	95
29) Tetrahydrofuran	7.344	42	64706	100.236	ug/l	91
30) Chloroform	7.496	83	71817	17.254	ug/l	94
31) Cyclohexane	7.777	56	58643	15.622	ug/l	86
32) 1,1,1-Trichloroethane	7.691	97	62944	16.802	ug/l	99
36) 1,1-Dichloropropene	7.911	75	52305	16.575	ug/l	99
37) Ethyl Acetate	7.070	43	40659	18.714	ug/l #	95
38) Carbon Tetrachloride	7.893	117	55298	16.577	ug/l	97
39) Methylcyclohexane	9.179	83	63545	15.456	ug/l	92
40) Benzene	8.155	78	152770	17.022	ug/l	99

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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	7.338	41	58815	52.629	ug/l #	39
42) 1,2-Dichloroethane	8.228	62	51926	18.270	ug/l	96
43) Isopropyl Acetate	8.264	43	73517	17.763	ug/l	97
44) Trichloroethene	8.935	130	42355	16.867	ug/l	97
45) 1,2-Dichloropropane	9.209	63	39758	16.965	ug/l	95
46) Dibromomethane	9.301	93	25600	18.006	ug/l	95
47) Bromodichloromethane	9.490	83	57706	17.221	ug/l	99
48) Methyl methacrylate	9.289	41	32735	17.577	ug/l	94
49) 1,4-Dioxane	9.295	88	9182	396.073	ug/l #	47
51) 4-Methyl-2-Pentanone	10.063	43	211949	97.535	ug/l	94
52) Toluene	10.240	92	96875	16.868	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	59325	16.186	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	65080	16.328	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	37060	18.713	ug/l	97
56) Ethyl methacrylate	10.502	69	52232	17.274	ug/l	89
57) 1,3-Dichloropropane	10.782	76	61076	17.880	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	143012	101.506	ug/l	94
59) 2-Hexanone	10.825	43	155270	97.980	ug/l	92
60) Dibromochloromethane	10.977	129	42263	17.406	ug/l	98
61) 1,2-Dibromoethane	11.081	107	35201	17.817	ug/l	99
64) Tetrachloroethene	10.715	164	42193	17.492	ug/l	97
65) Chlorobenzene	11.508	112	107248	16.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.581	131	40229	16.695	ug/l	98
67) Ethyl Benzene	11.587	91	186687	16.179	ug/l	98
68) m/p-Xylenes	11.697	106	142452	32.340	ug/l	98
69) o-Xylene	12.026	106	71122	16.577	ug/l	96
70) Styrene	12.038	104	120767	16.701	ug/l	96
71) Bromoform	12.203	173	28074	17.188	ug/l #	98
73) Isopropylbenzene	12.325	105	187133	15.619	ug/l	100
74) N-amyl acetate	12.136	43	64466	16.066	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	46912	17.170	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	61285	31.713	ug/l #	100
77) Bromobenzene	12.605	156	44991	16.451	ug/l	98
78) n-propylbenzene	12.666	91	225116	15.593	ug/l	100
79) 2-Chlorotoluene	12.751	91	126786	15.247	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	156978	15.689	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	14445	14.473	ug/l	100
82) 4-Chlorotoluene	12.849	91	131527	15.358	ug/l	100
83) tert-Butylbenzene	13.069	119	137222	15.460	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	155729	15.859	ug/l	98
85) sec-Butylbenzene	13.245	105	205989	15.821	ug/l	99
86) p-Isopropyltoluene	13.361	119	169300	15.926	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	89183	16.755	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	90039	16.881	ug/l	98
89) n-Butylbenzene	13.690	91	161291	15.595	ug/l	97
90) Hexachloroethane	13.952	117	32985	15.107	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	81364	16.685	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9115	17.445	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	50684	16.373	ug/l	97
94) Hexachlorobutadiene	15.105	225	28046	16.487	ug/l	96
95) Naphthalene	15.233	128	125792	17.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	46662	16.961	ug/l	99

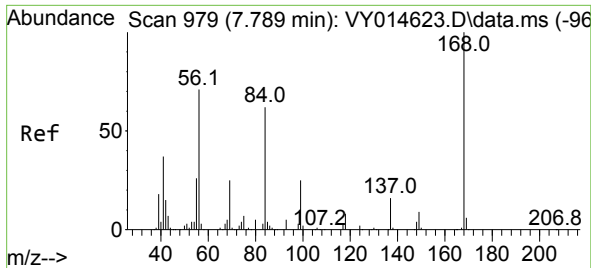
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
Data File : VY014899.D
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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

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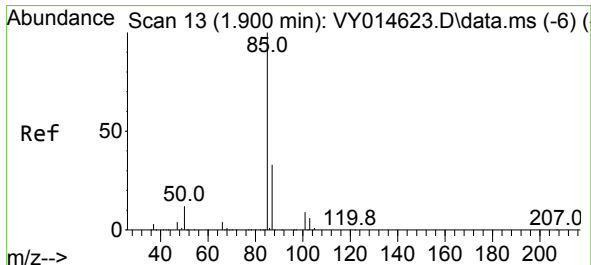
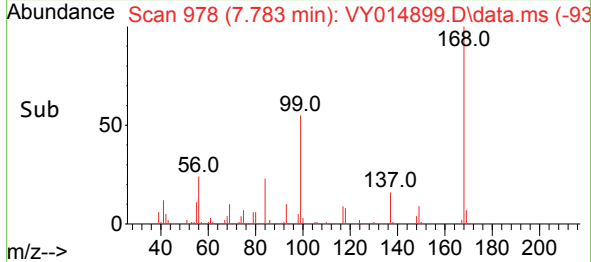
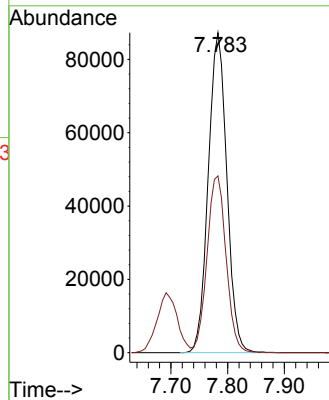
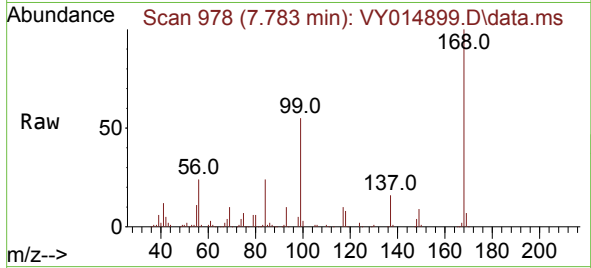
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

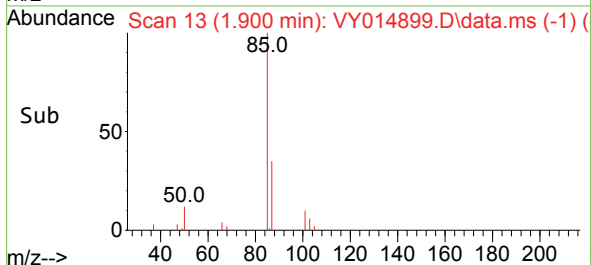
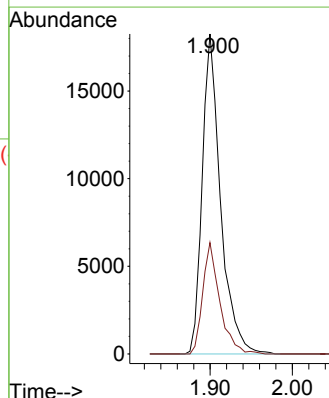
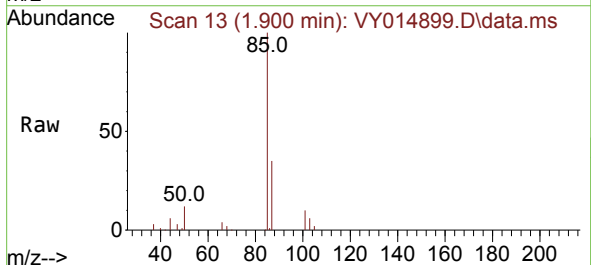
Instrument :
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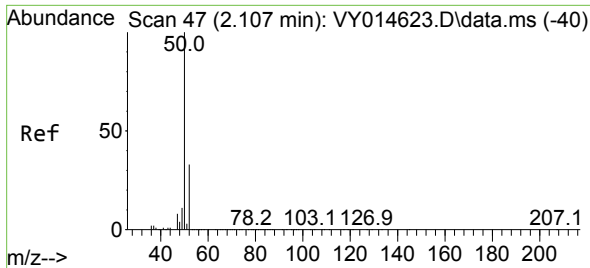
Tgt Ion:168 Resp: 198443
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 17.491 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 85 Resp: 28278
Ion Ratio Lower Upper
85 100
87 34.8 15.6 46.8

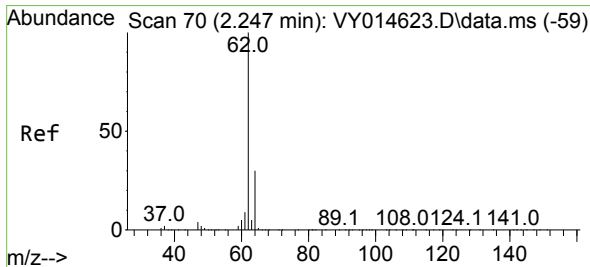
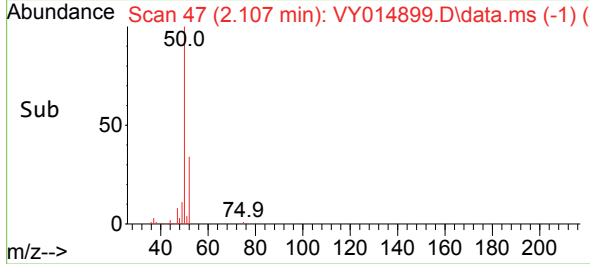
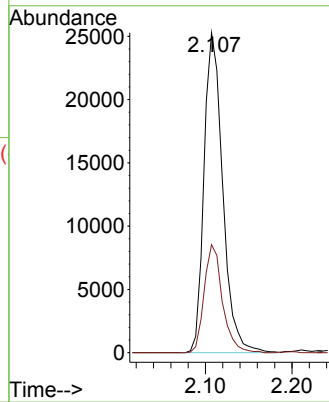
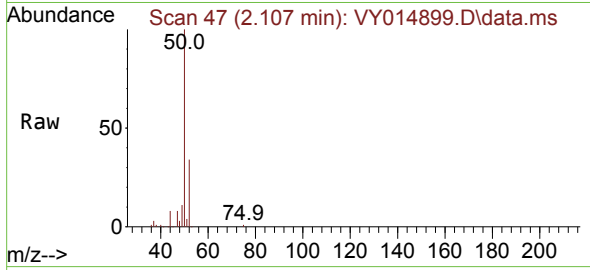




#3
Chloromethane
Concen: 20.851 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

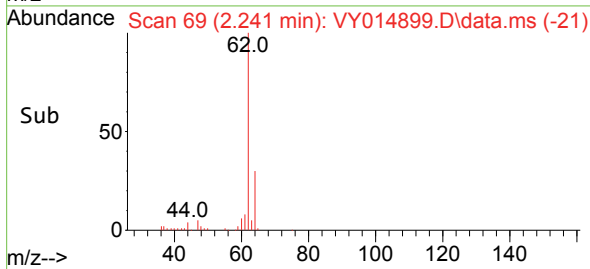
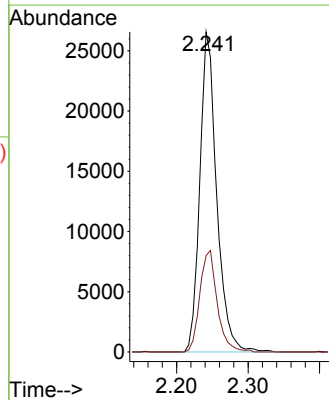
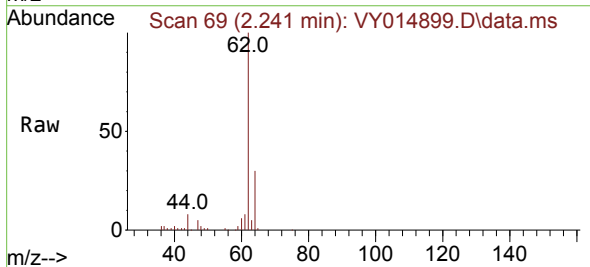
Instrument :
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ClientSampleId :
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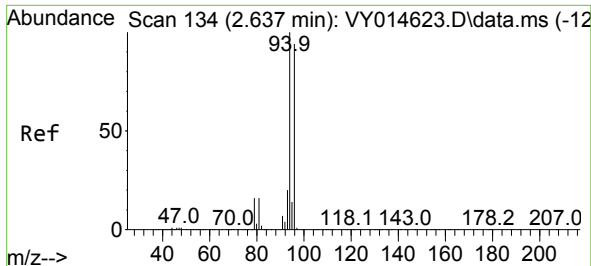
Tgt Ion: 50 Resp: 37894
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2



#4
Vinyl Chloride
Concen: 21.389 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 62 Resp: 43443
Ion Ratio Lower Upper
62 100
64 30.1 24.3 36.5

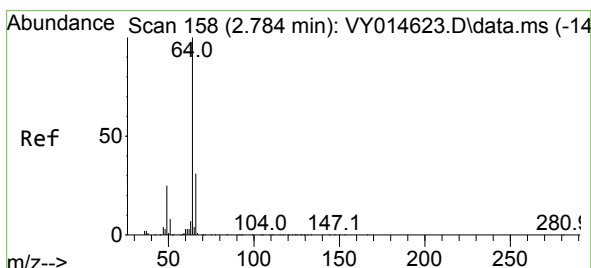
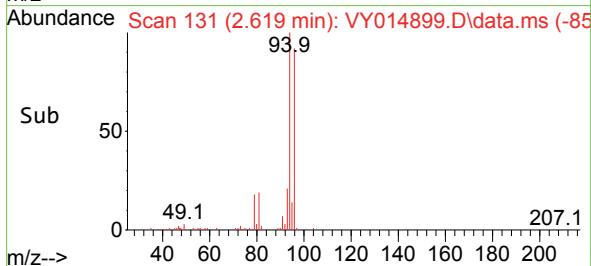
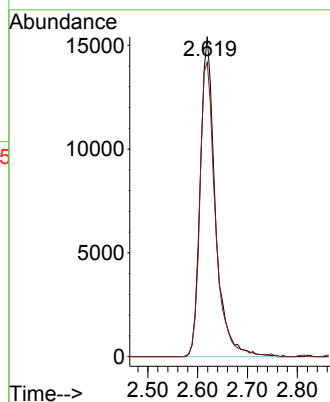
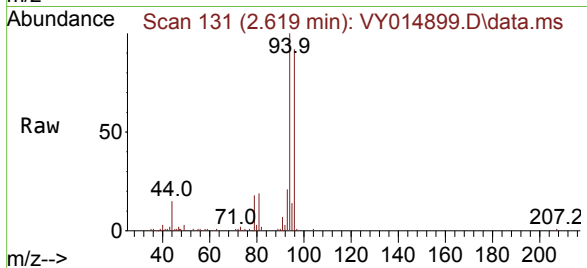




#5
Bromomethane
Concen: 24.187 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

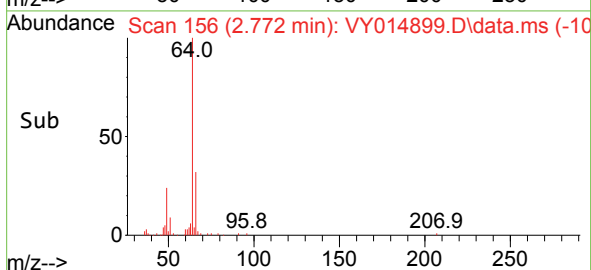
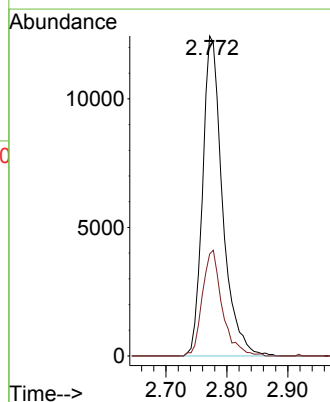
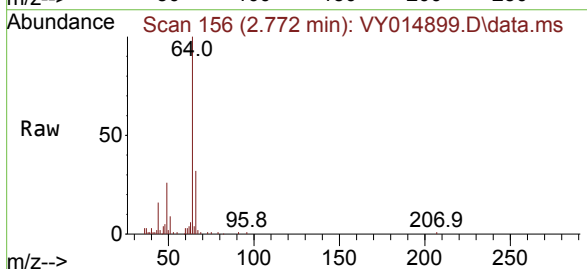
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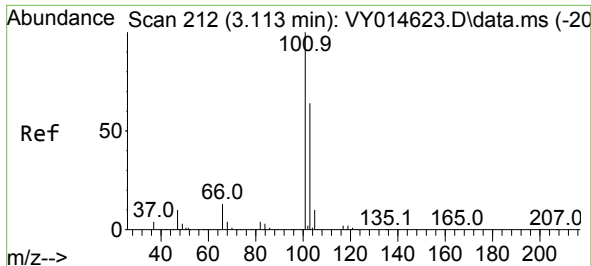
Tgt Ion: 94 Resp: 32465
Ion Ratio Lower Upper
94 100
96 92.0 75.8 113.6



#6
Chloroethane
Concen: 22.271 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 64 Resp: 28255
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6

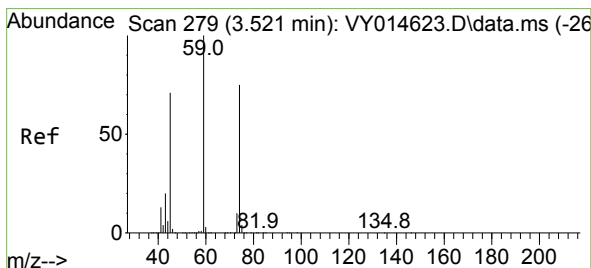
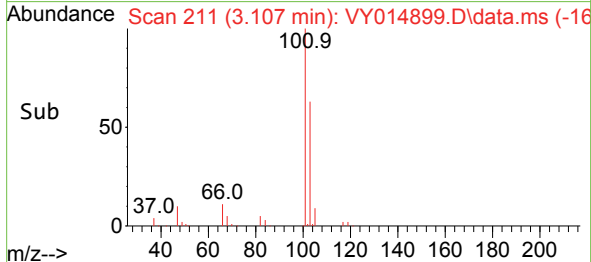
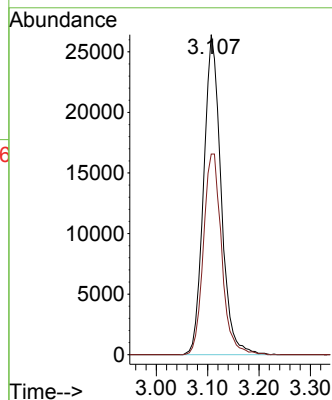
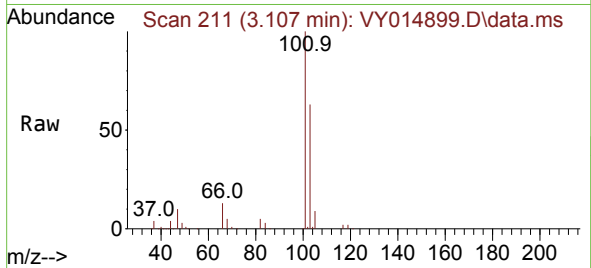




#7
Trichlorofluoromethane
Concen: 18.218 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

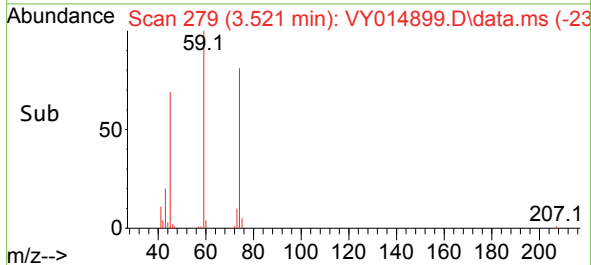
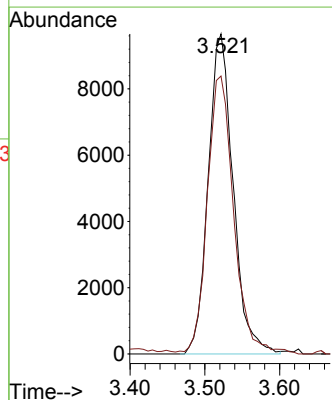
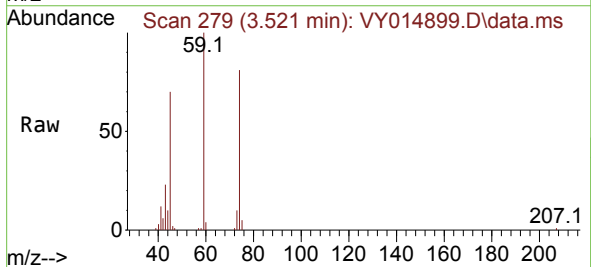
Instrument :
MSVOA_Y
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VY0728SBS01

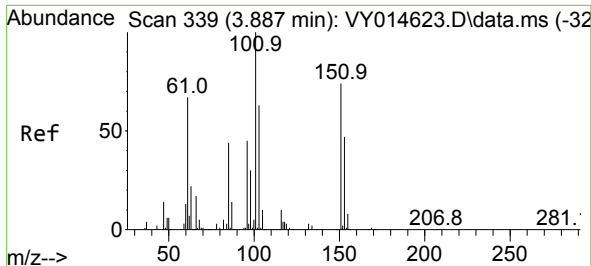
Tgt Ion:101 Resp: 62146
Ion Ratio Lower Upper
101 100
103 62.7 51.4 77.0



#8
Diethyl Ether
Concen: 17.661 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 74 Resp: 22416
Ion Ratio Lower Upper
74 100
45 92.2 51.5 154.5

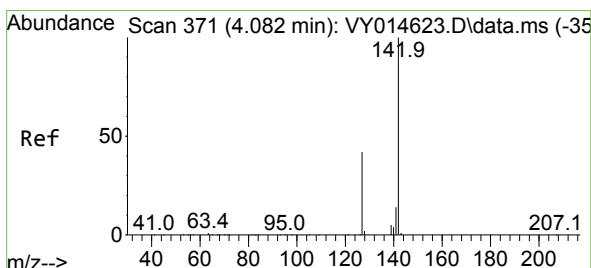
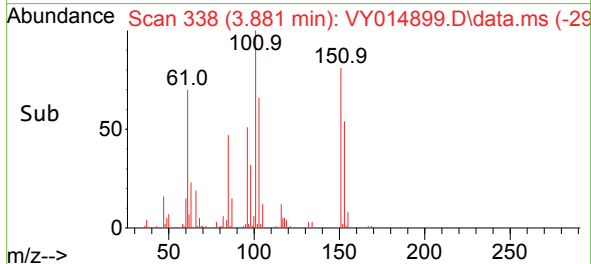
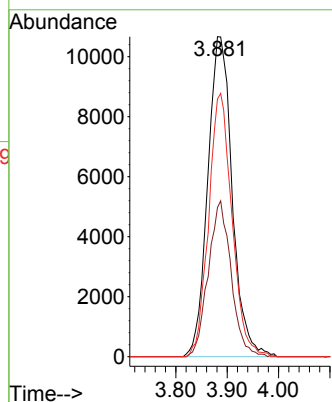
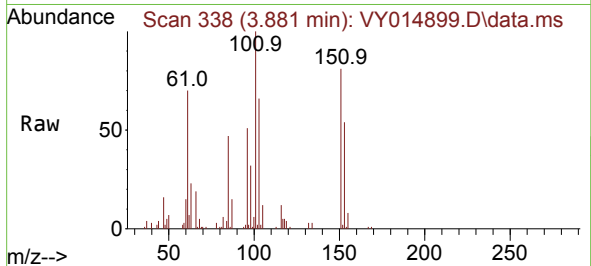




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.848 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

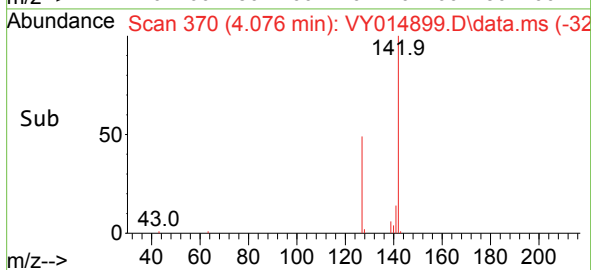
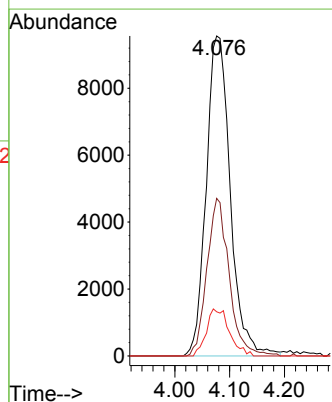
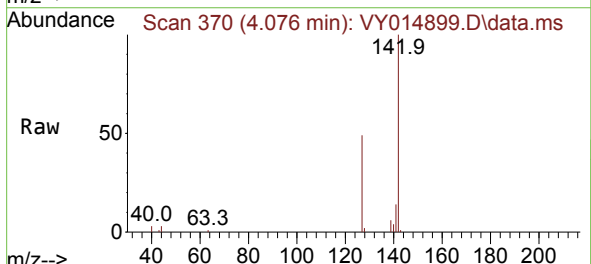
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

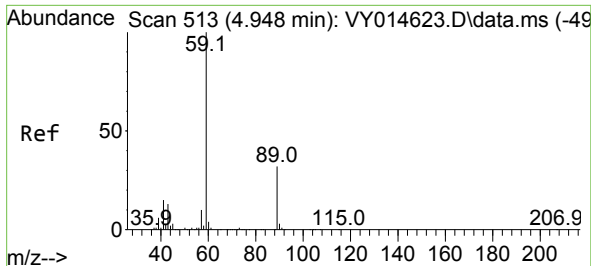
Tgt Ion:101 Resp: 35227
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 78.5 67.0 100.6



#10
Methyl Iodide
Concen: 14.877 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion:142 Resp: 29102
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.0 11.8 17.8





#11

Tert butyl alcohol

Concen: 124.339 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

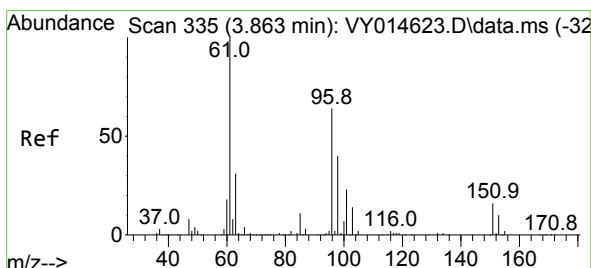
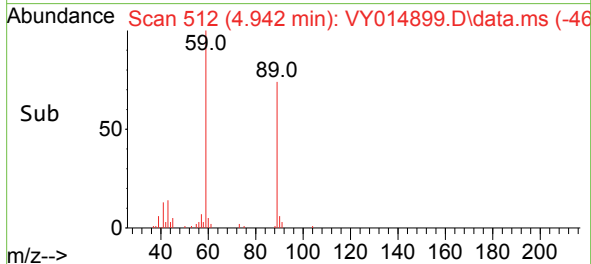
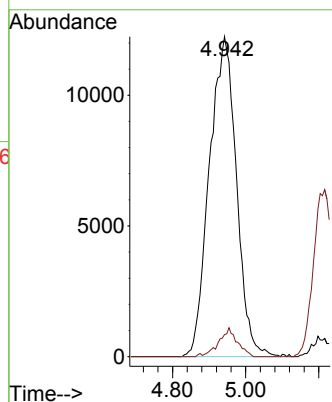
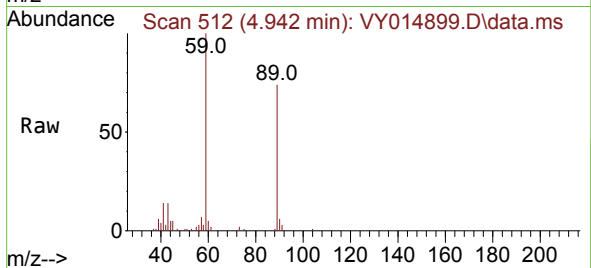
VY0728SBS01

Tgt Ion: 59 Resp: 63021

Ion Ratio Lower Upper

59 100

57 6.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 16.855 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

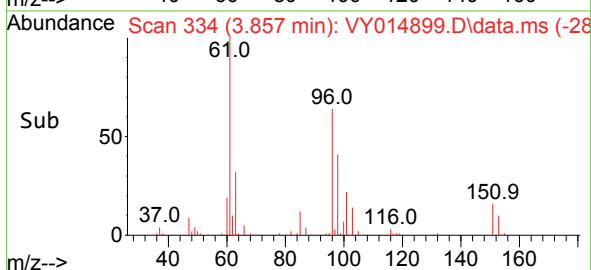
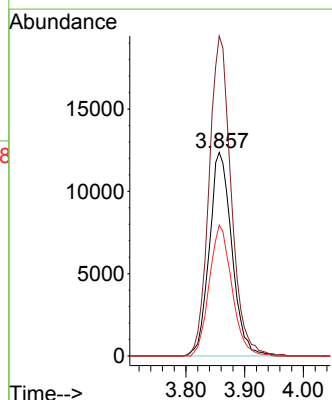
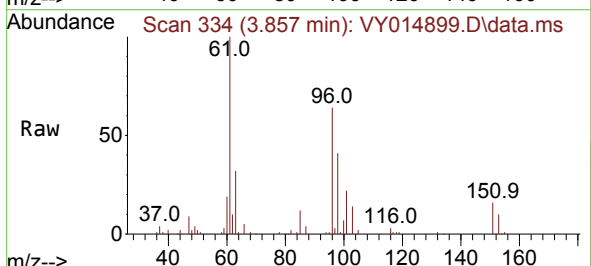
Tgt Ion: 96 Resp: 32938

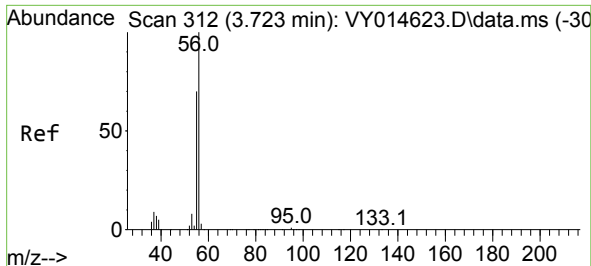
Ion Ratio Lower Upper

96 100

61 157.2 136.4 204.6

98 64.3 49.4 74.2





#13

Acrolein

Concen: 83.007 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

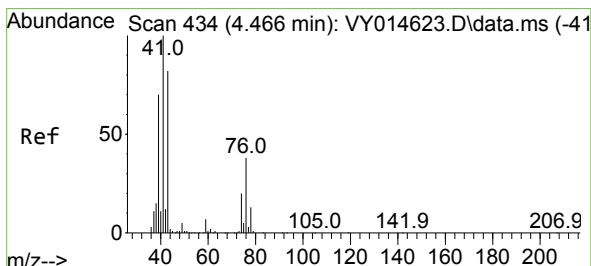
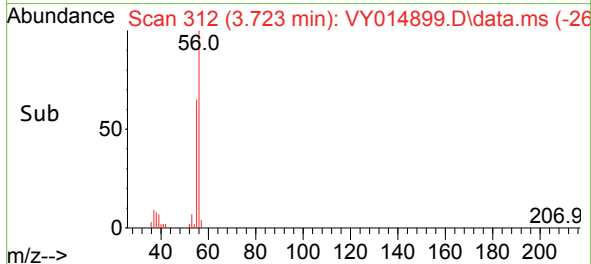
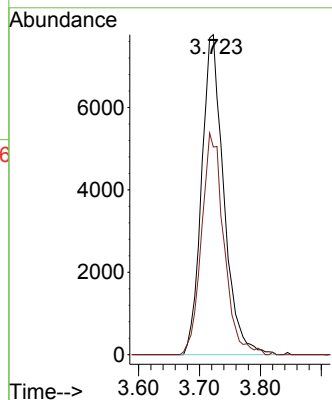
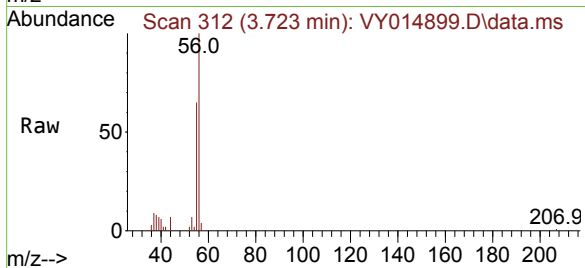
VY0728SBS01

Tgt Ion: 56 Resp: 19619

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 15.242 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

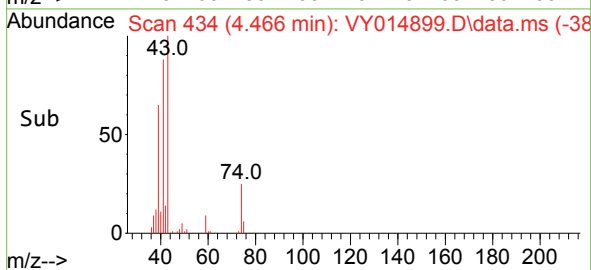
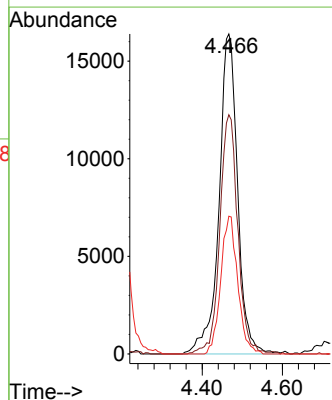
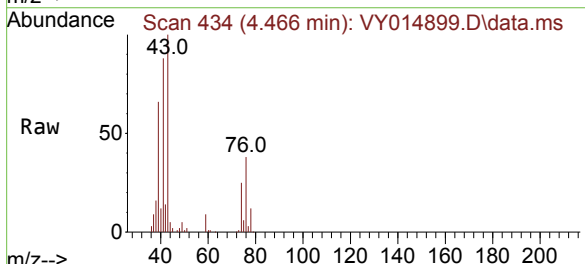
Tgt Ion: 41 Resp: 52884

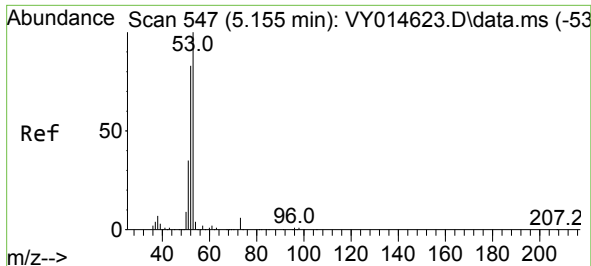
Ion Ratio Lower Upper

41 100

39 72.1 58.0 87.0

76 39.2 27.4 41.2

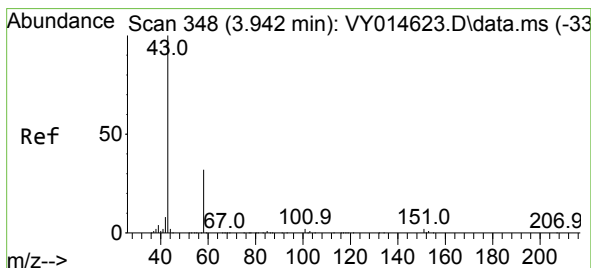
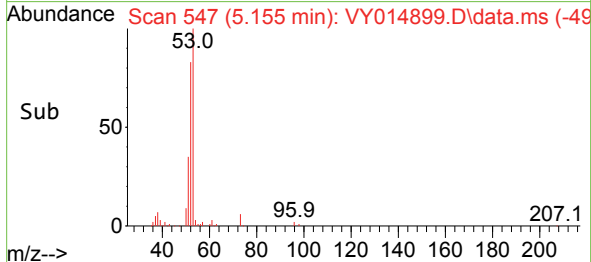
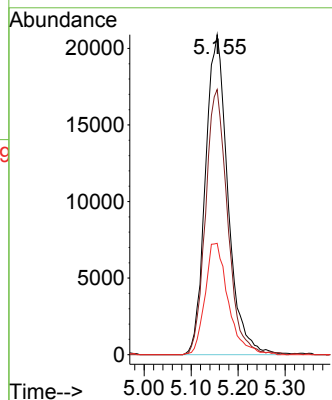
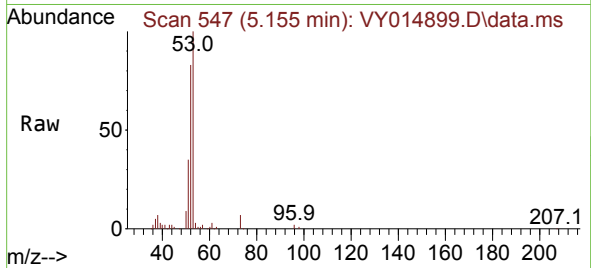




#15
Acrylonitrile
Concen: 99.112 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

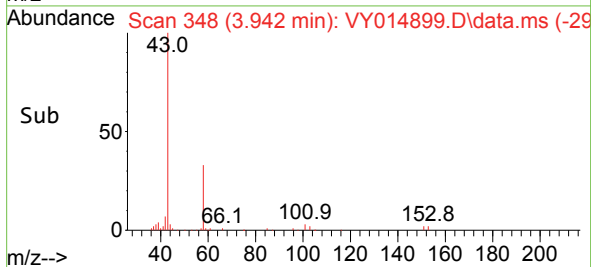
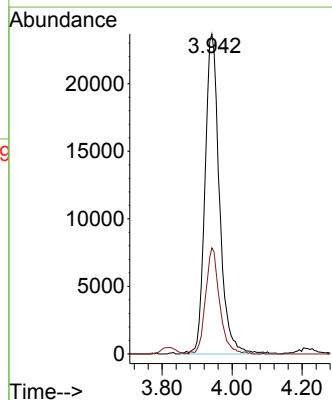
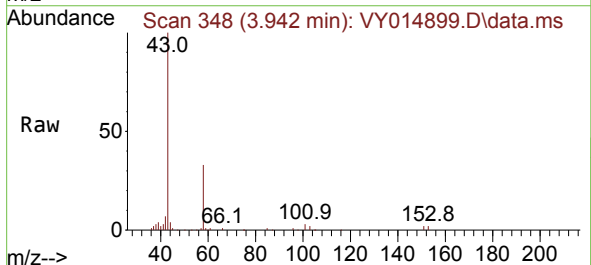
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

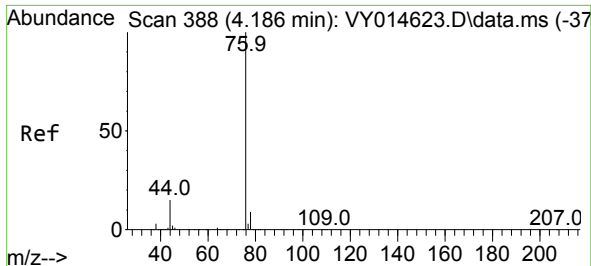
Tgt Ion: 53 Resp: 69368
Ion Ratio Lower Upper
53 100
52 81.3 66.9 100.3
51 36.0 29.8 44.6



#16
Acetone
Concen: 94.792 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 43 Resp: 67927
Ion Ratio Lower Upper
43 100
58 33.2 22.7 34.1

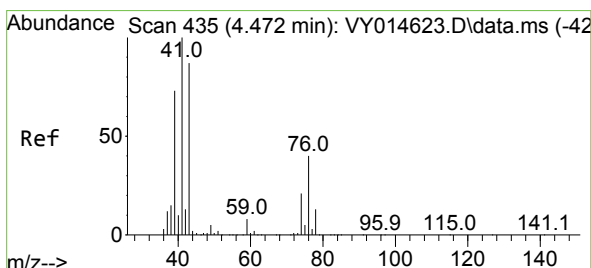
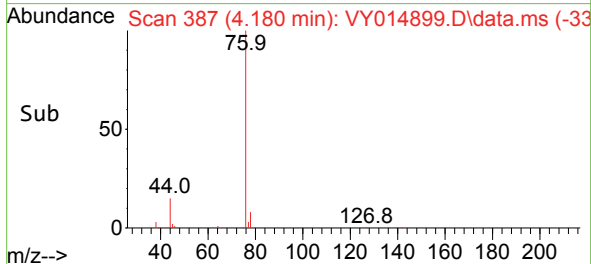
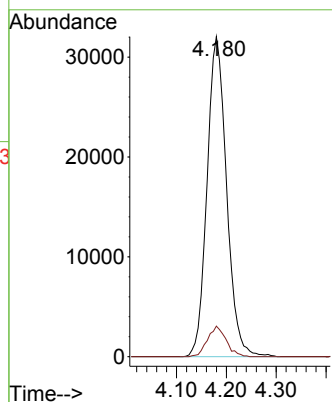
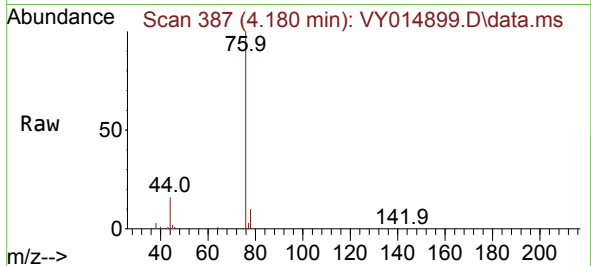




#17
Carbon Disulfide
Concen: 15.585 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

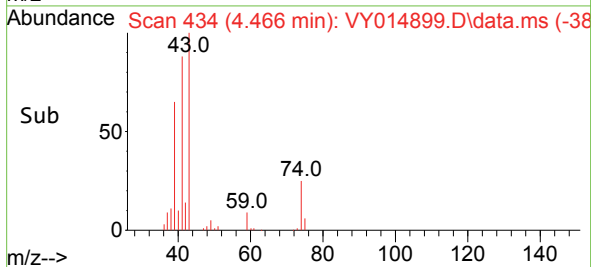
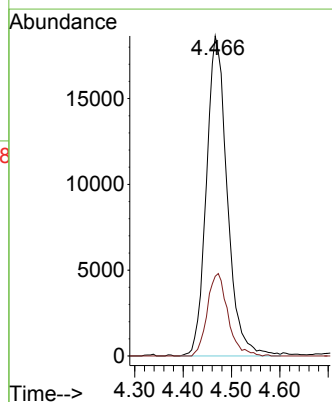
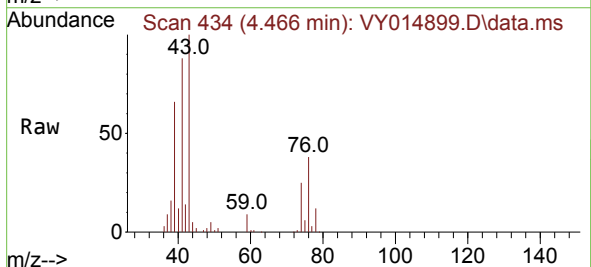
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

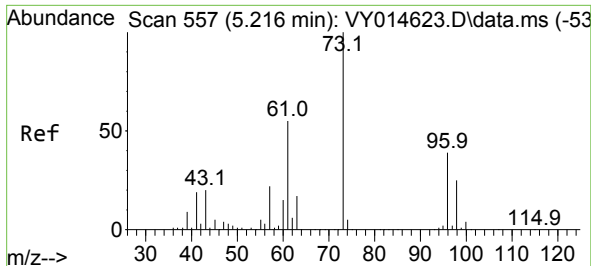
Tgt Ion: 76 Resp: 87196
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 20.342 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 43 Resp: 55938
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0

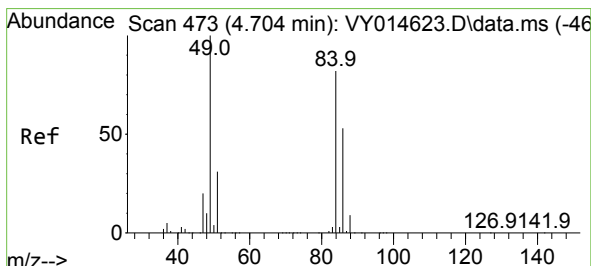
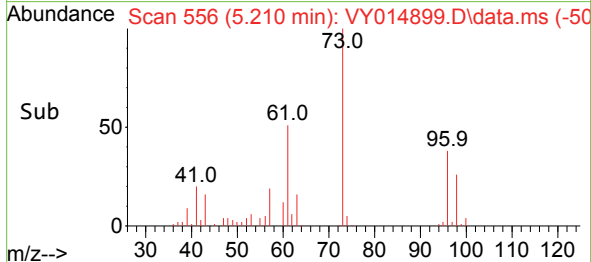
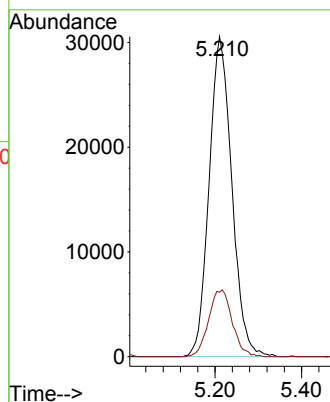
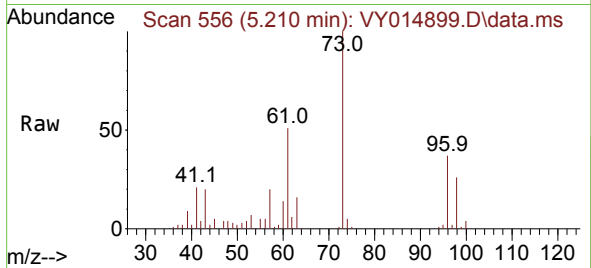




#19
Methyl tert-butyl Ether
Concen: 17.563 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

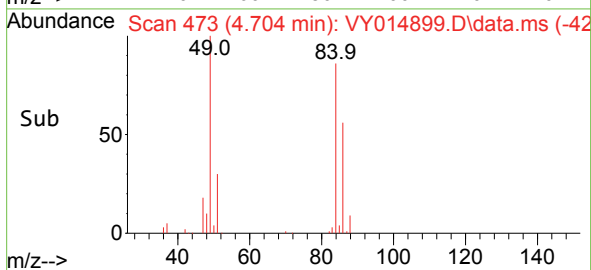
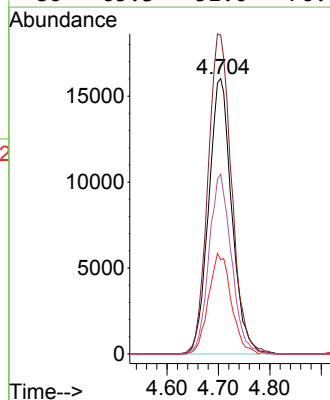
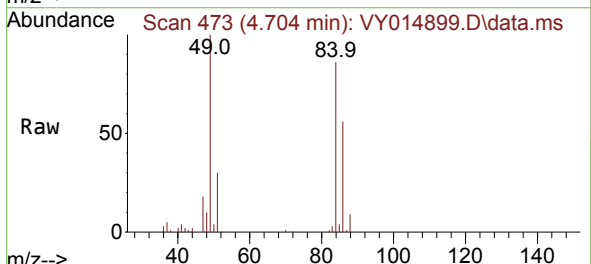
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

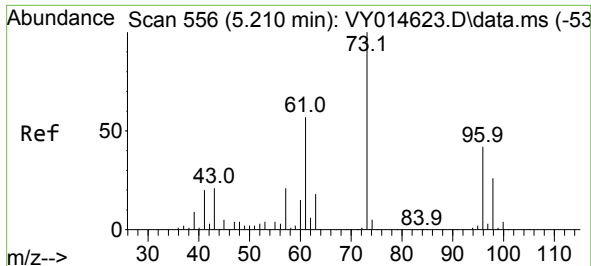
Tgt Ion: 73 Resp: 111488
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 18.847 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 84 Resp: 49999
Ion Ratio Lower Upper
84 100
49 115.8 106.9 160.3
51 34.3 33.2 49.8
86 65.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 16.843 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

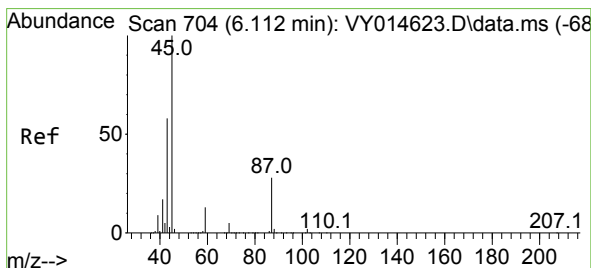
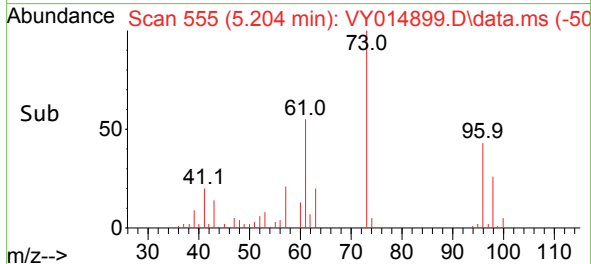
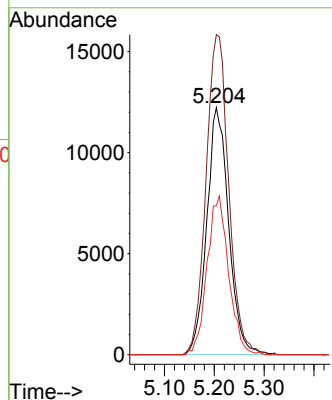
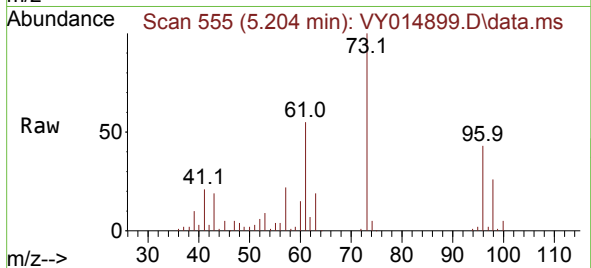
Tgt Ion: 96 Resp: 37352

Ion Ratio Lower Upper

96 100

61 129.5 110.2 165.4

98 60.4 51.8 77.6



#22

Diisopropyl ether

Concen: 16.472 ug/l

RT: 6.106 min Scan# 703

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Tgt Ion: 45 Resp: 116201

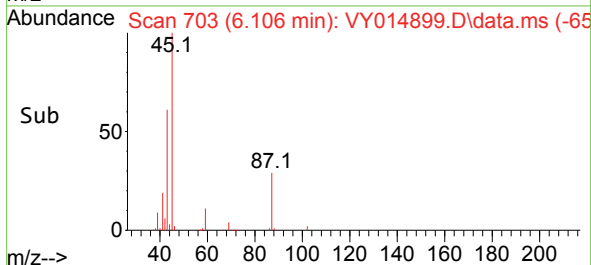
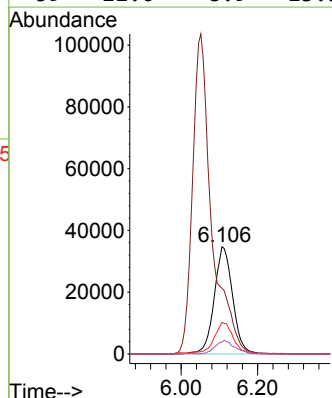
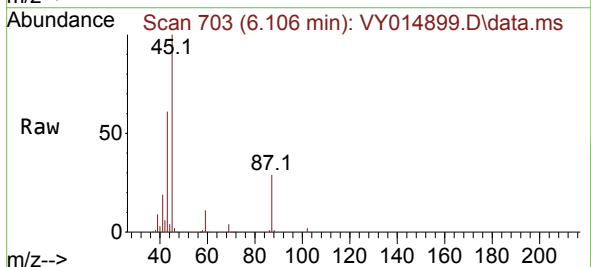
Ion Ratio Lower Upper

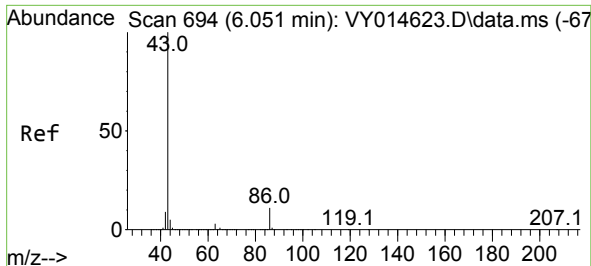
45 100

43 60.9 52.2 78.4

87 29.4 21.0 31.6

59 11.0 8.9 13.3

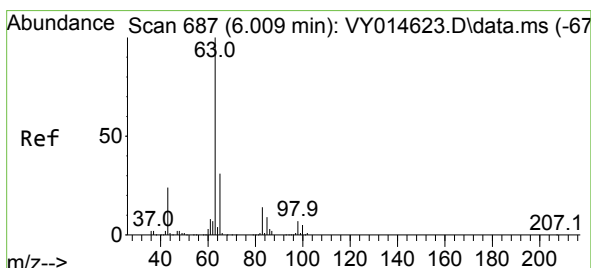
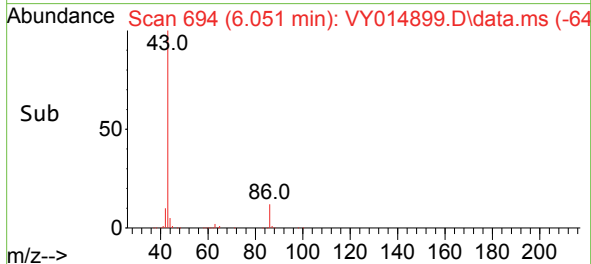
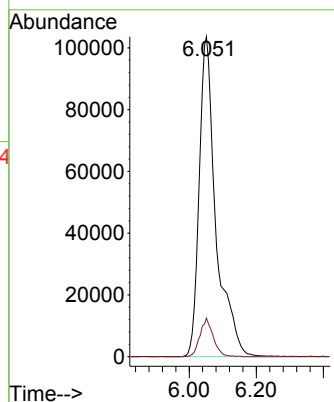
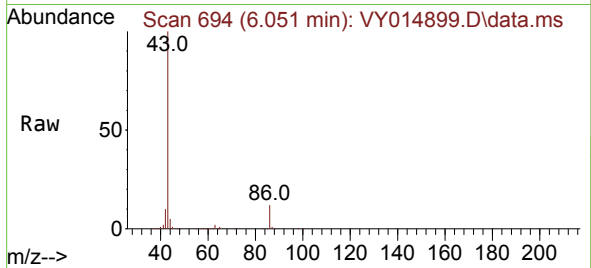




#23
 Vinyl Acetate
 Concen: 84.932 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014899.D
 Acq: 28 Jul 2023 11:20

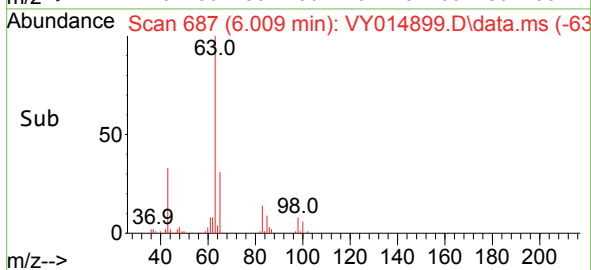
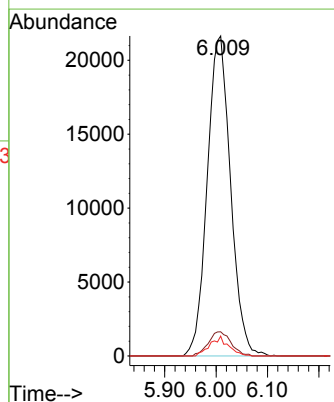
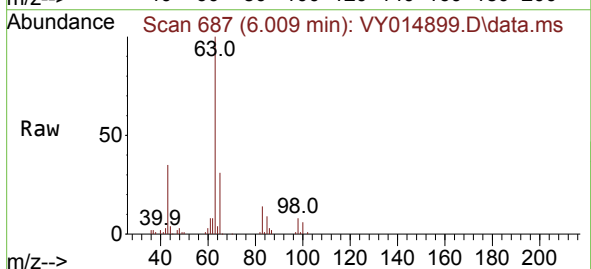
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

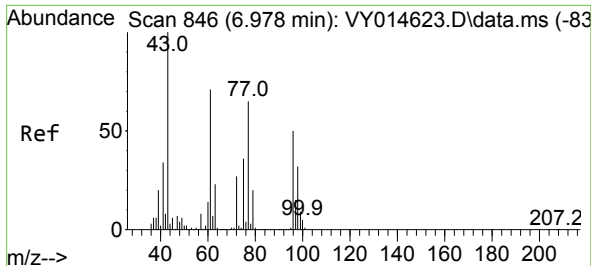
Tgt Ion: 43 Resp: 358539
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 16.887 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014899.D
 Acq: 28 Jul 2023 11:20

Tgt Ion: 63 Resp: 68161
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 6.2 1.8 5.5#

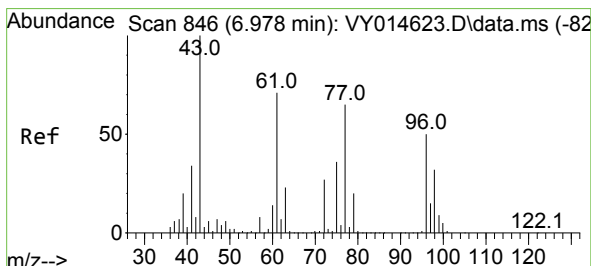
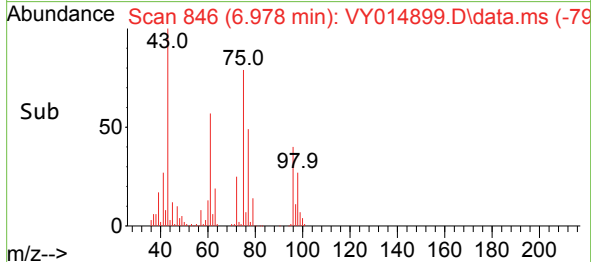
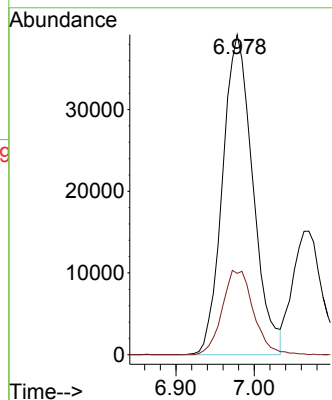
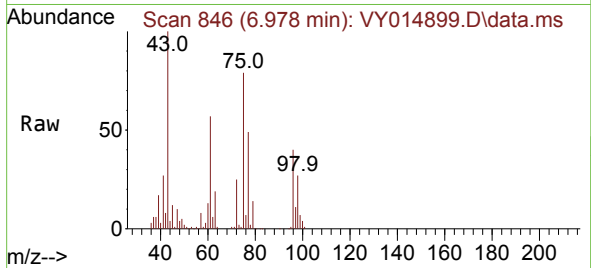




#25
2-Butanone
Concen: 100.650 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

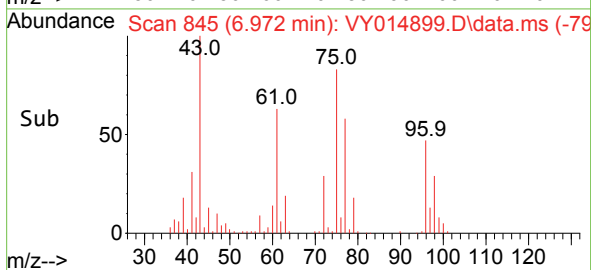
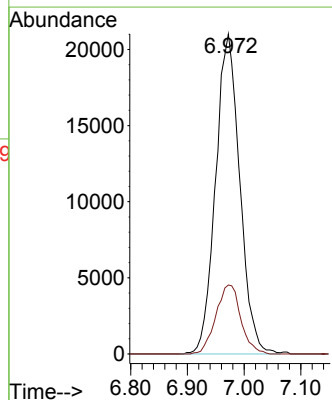
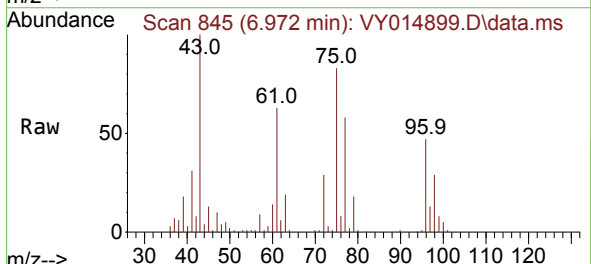
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

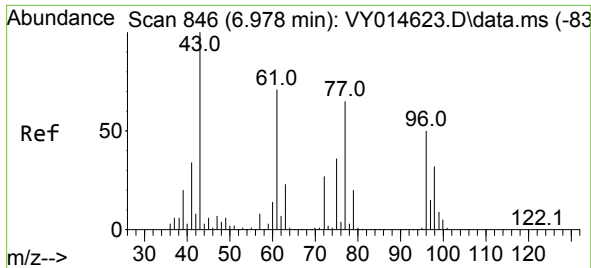
Tgt Ion: 43 Resp: 105518
Ion Ratio Lower Upper
43 100
72 25.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 16.160 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 77 Resp: 62164
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9

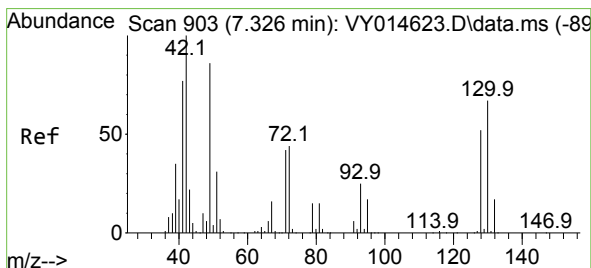
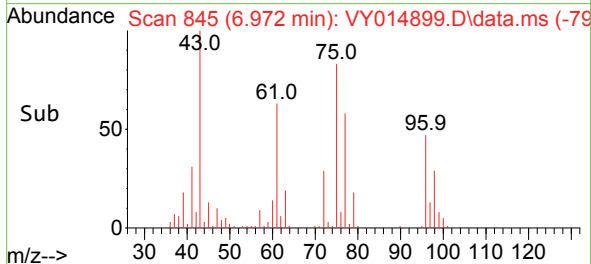
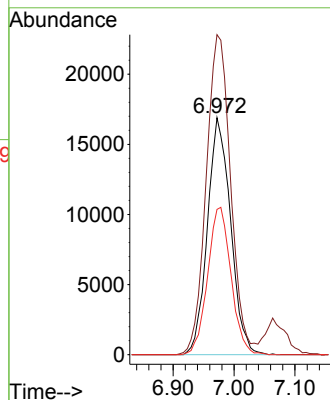
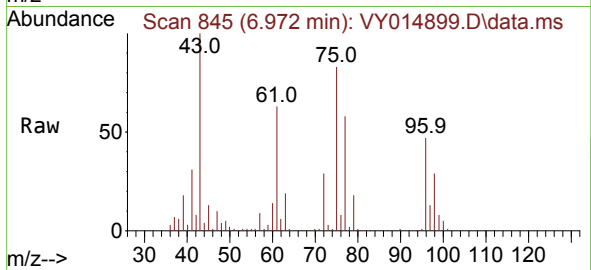




#27
 cis-1,2-Dichloroethene
 Concen: 17.360 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY014899.D
 Acq: 28 Jul 2023 11:20

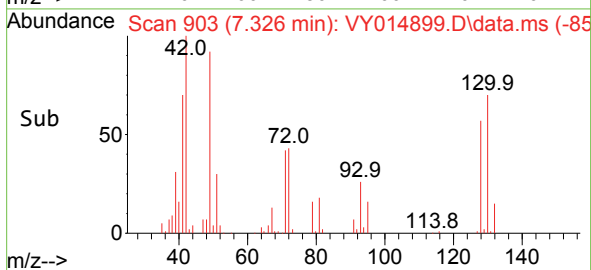
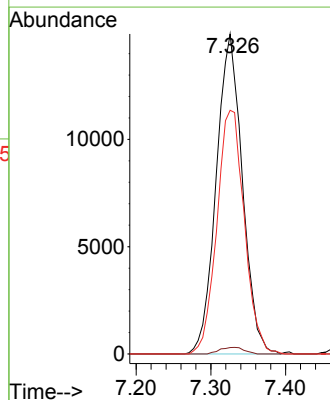
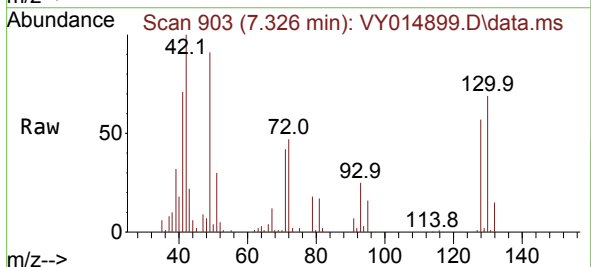
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

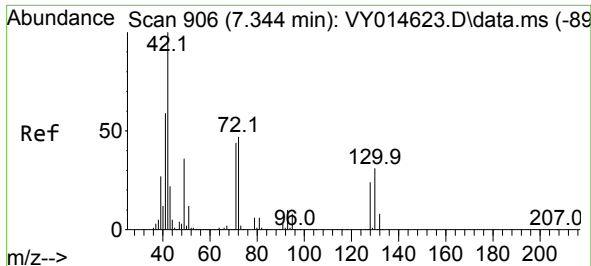
Tgt Ion: 96	Resp: 44813
Ion Ratio	Lower Upper
96 100	
61 142.3	0.0 301.4
98 62.5	0.0 130.4



#28
 Bromochloromethane
 Concen: 20.847 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY014899.D
 Acq: 28 Jul 2023 11:20

Tgt Ion: 49	Resp: 36240
Ion Ratio	Lower Upper
49 100	
129 1.9	0.0 4.6
130 80.0	60.7 91.1

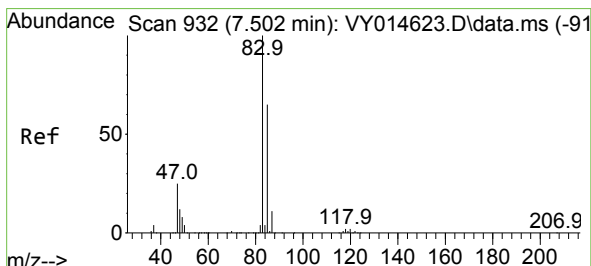
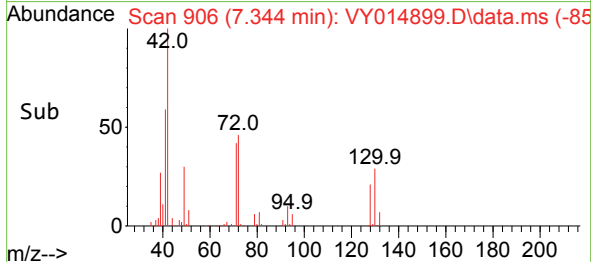
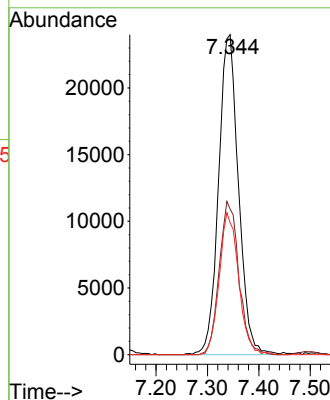
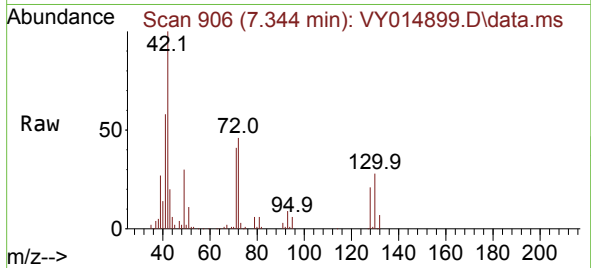




#29
Tetrahydrofuran
Concen: 100.236 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

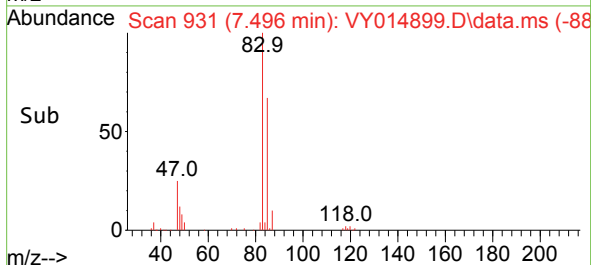
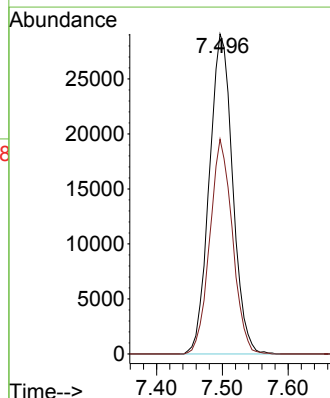
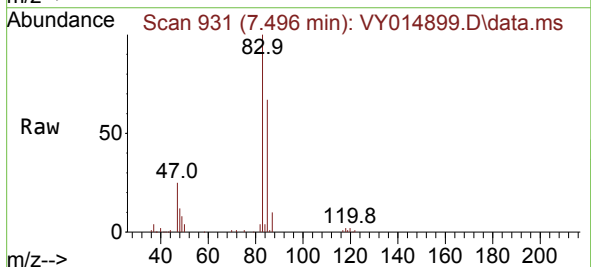
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

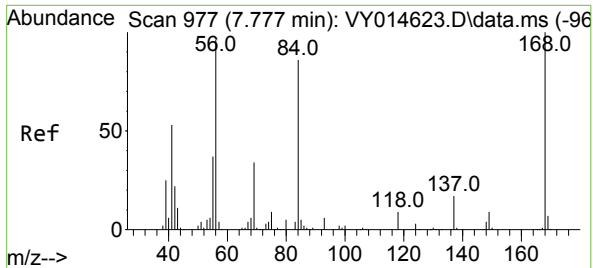
Tgt Ion:	42	Resp:	64706
Ion	Ratio	Lower	Upper
42	100		
72	47.2	32.8	49.2
71	43.0	31.0	46.4



#30
Chloroform
Concen: 17.254 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion:	83	Resp:	71817
Ion	Ratio	Lower	Upper
83	100		
85	67.1	49.7	74.5

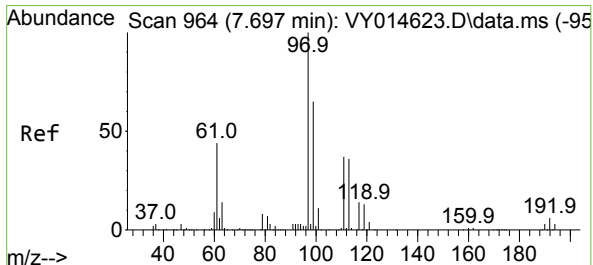
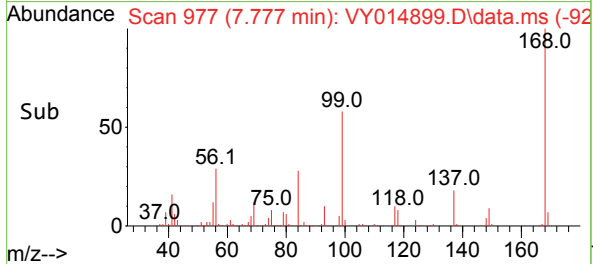
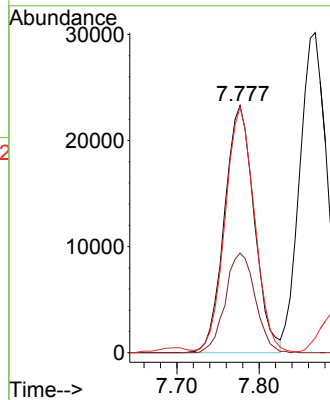
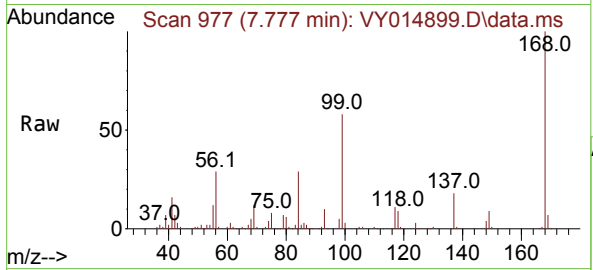




#31
Cyclohexane
Concen: 15.622 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

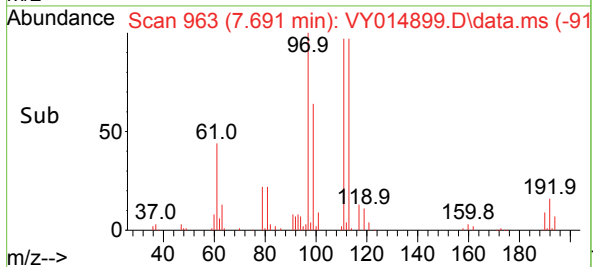
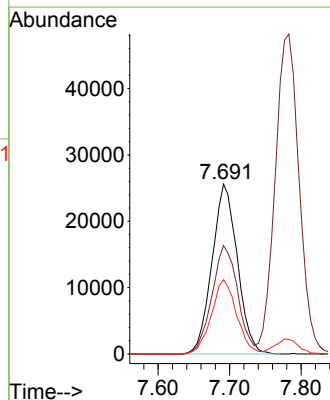
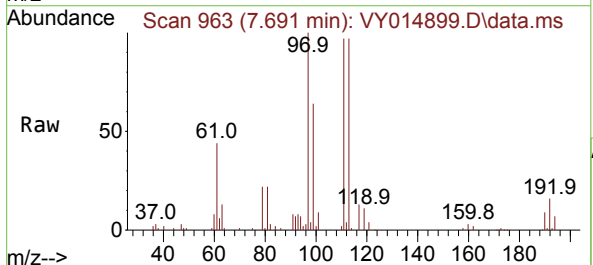
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

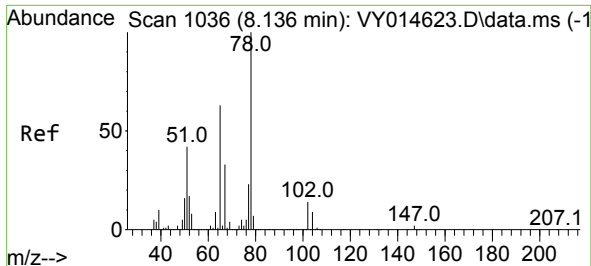
Tgt Ion: 56 Resp: 58643
Ion Ratio Lower Upper
56 100
69 40.3 27.8 41.6
84 97.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 16.802 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 97 Resp: 62944
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 43.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.402 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

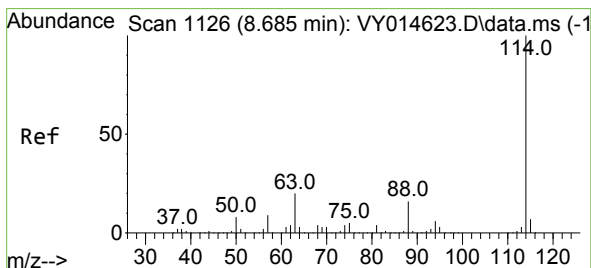
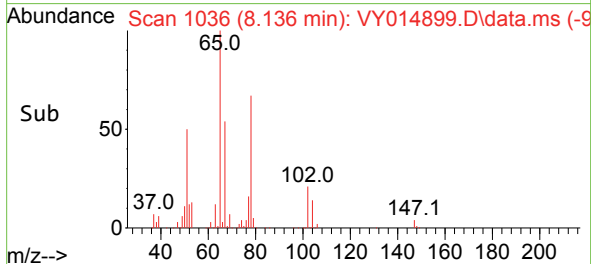
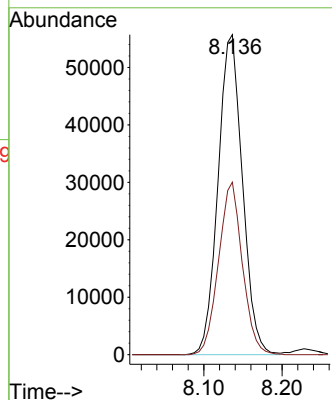
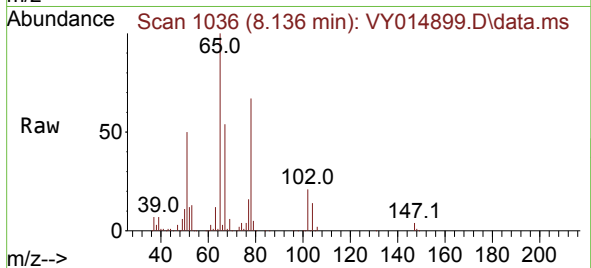
VY0728SBS01

Tgt Ion: 65 Resp: 120760

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

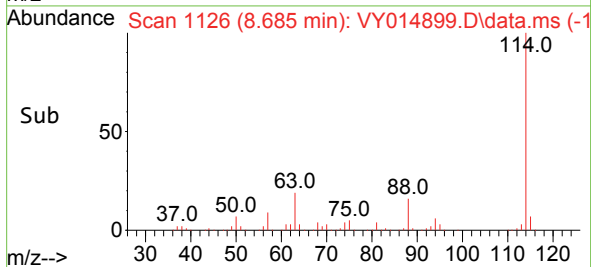
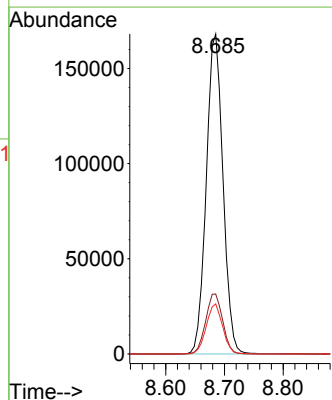
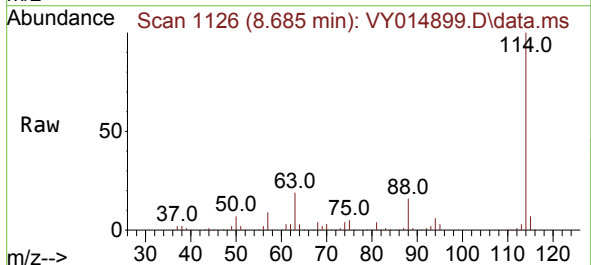
Tgt Ion: 114 Resp: 331489

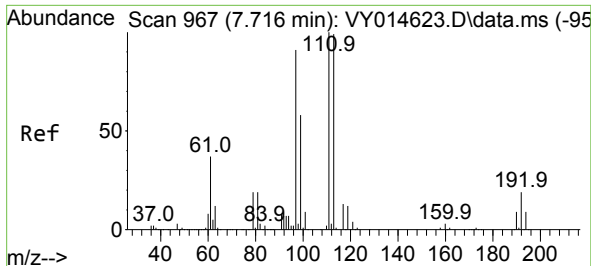
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.7 0.0 30.6

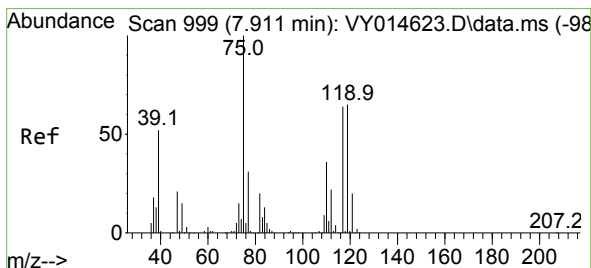
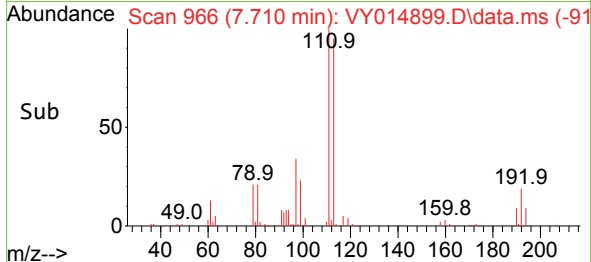
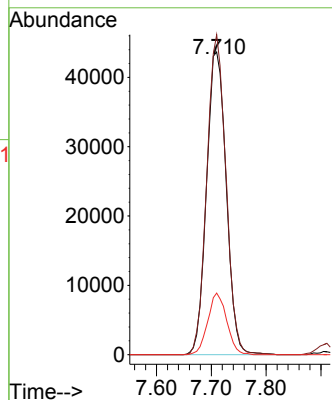
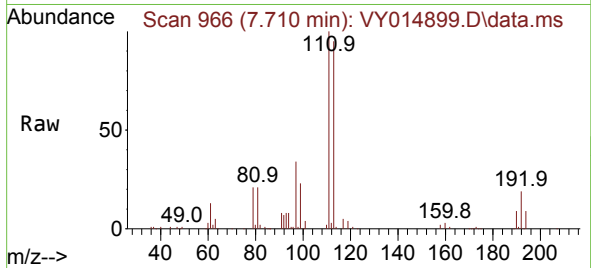




#35
Dibromofluoromethane
Concen: 51.573 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

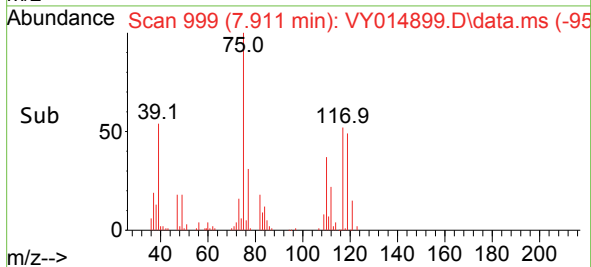
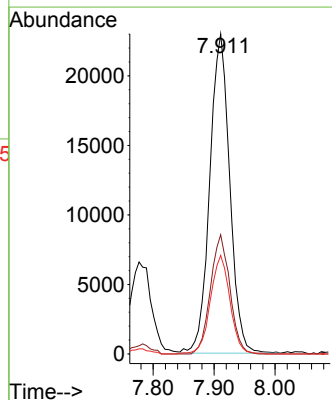
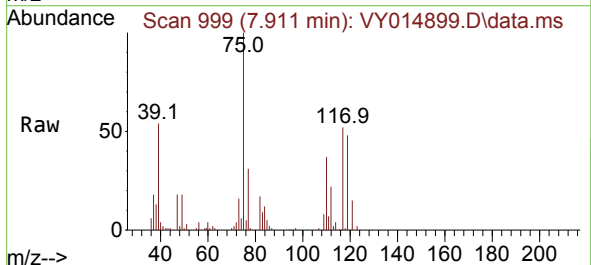
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

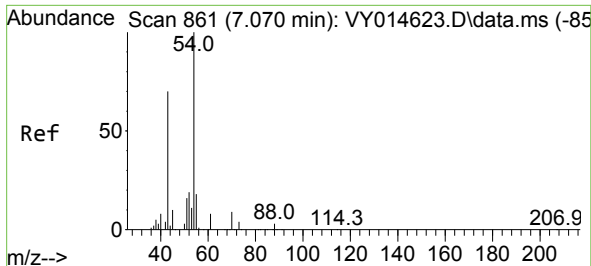
Tgt Ion:113 Resp: 108829
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 16.575 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 75 Resp: 52305
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 18.714 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

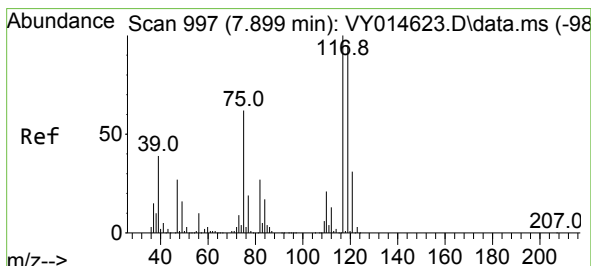
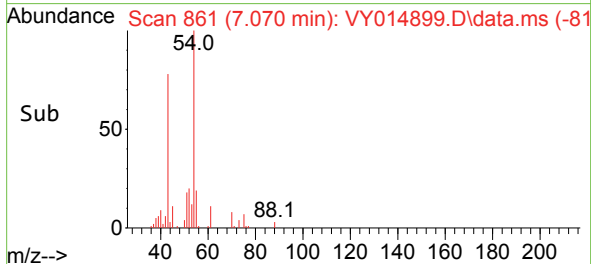
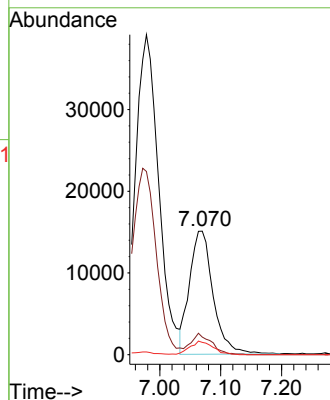
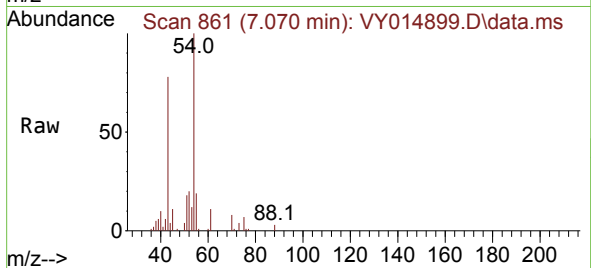
Tgt Ion: 43 Resp: 40659

Ion Ratio Lower Upper

43 100

61 14.9 10.1 15.1

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 16.577 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

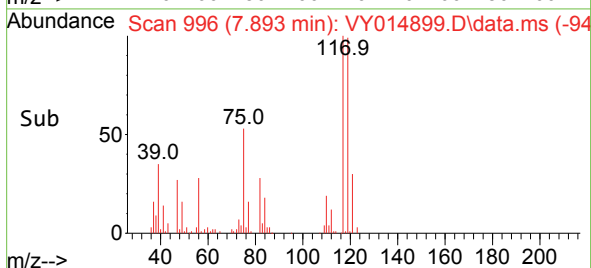
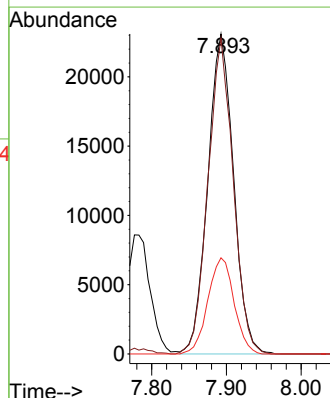
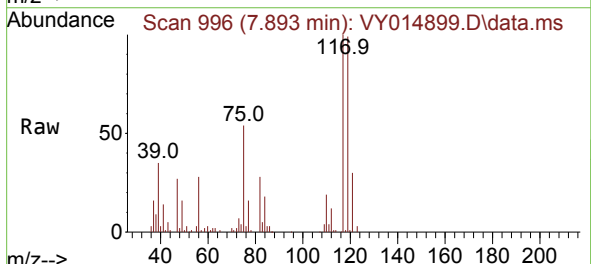
Tgt Ion: 117 Resp: 55298

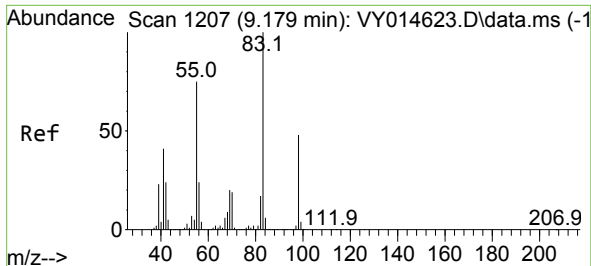
Ion Ratio Lower Upper

117 100

119 98.6 76.4 114.6

121 30.1 25.8 38.6





#39

Methylcyclohexane

Concen: 15.456 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

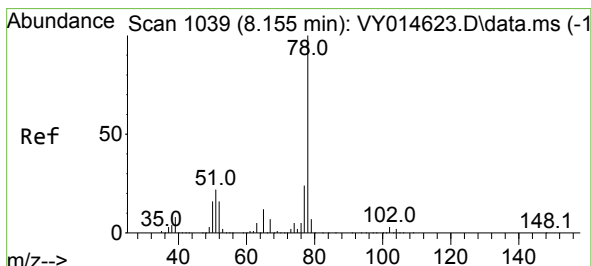
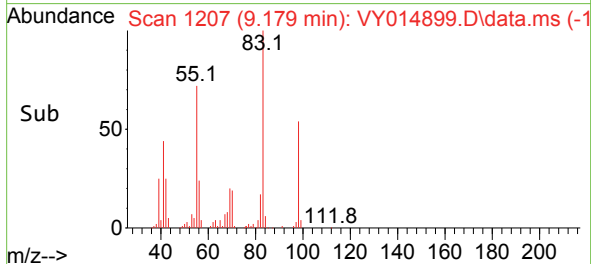
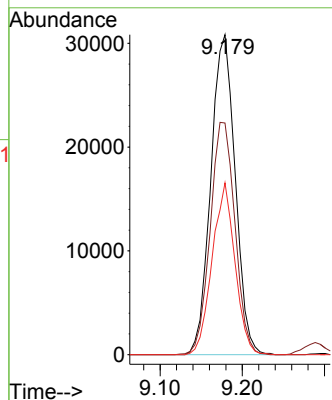
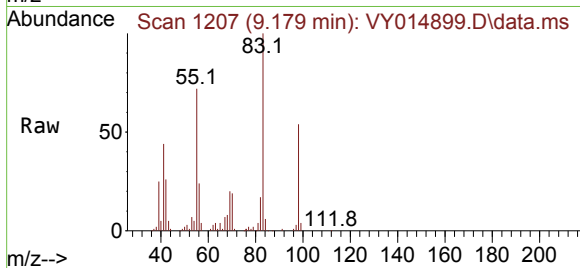
Tgt Ion: 83 Resp: 63545

Ion Ratio Lower Upper

83 100

55 72.4 63.0 94.4

98 53.7 37.4 56.2



#40

Benzene

Concen: 17.022 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014899.D

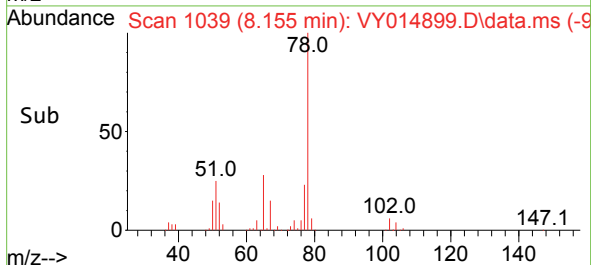
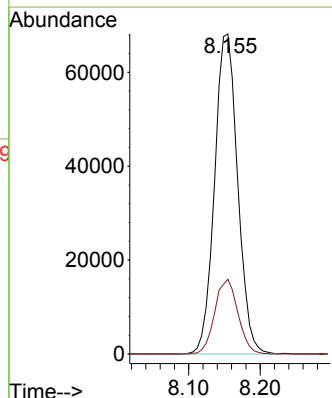
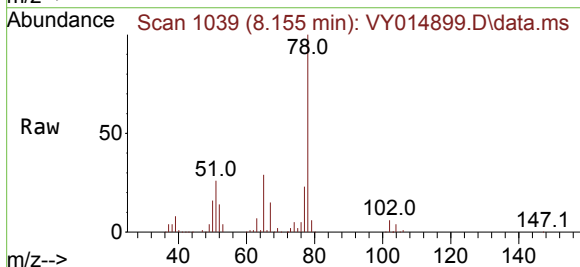
Acq: 28 Jul 2023 11:20

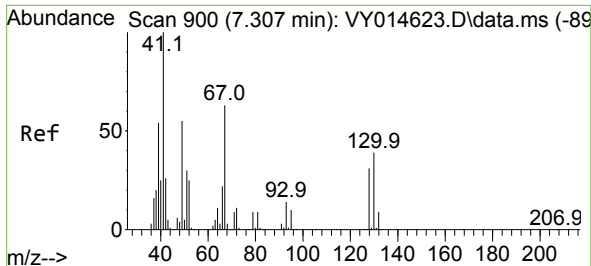
Tgt Ion: 78 Resp: 152770

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

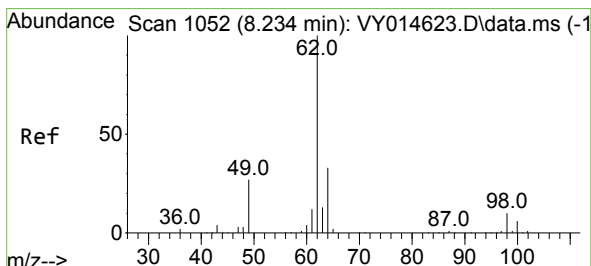
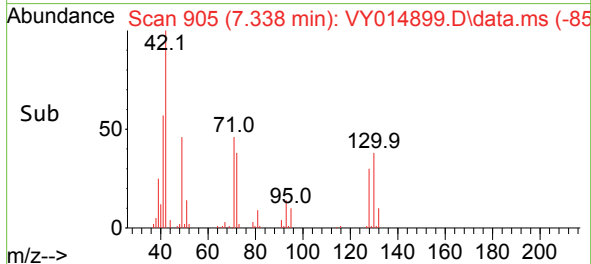
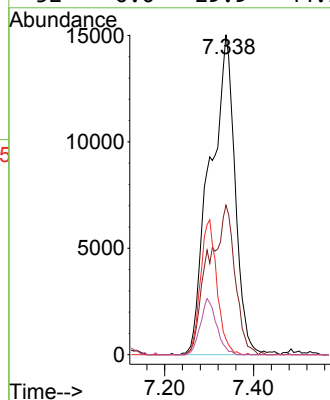
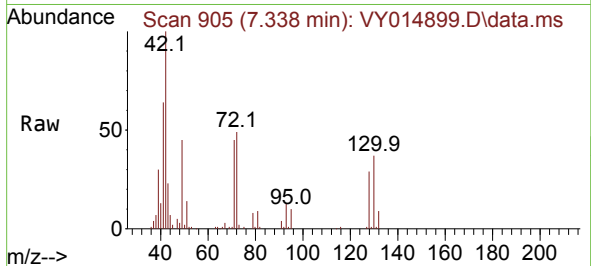




#41
Methacrylonitrile
Concen: 52.629 ug/l
RT: 7.338 min Scan# 90
Delta R.T. 0.031 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

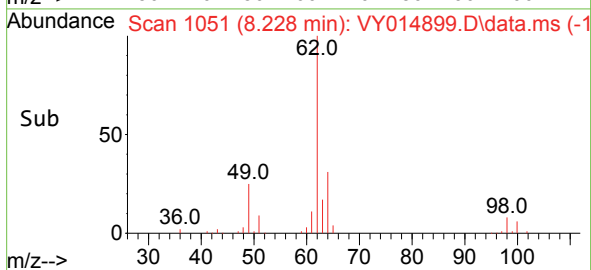
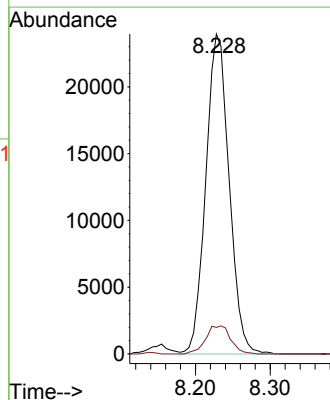
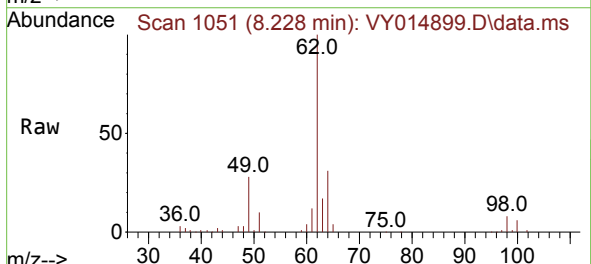
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

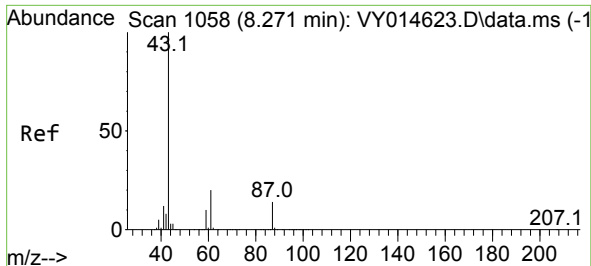
Tgt Ion: 41	Resp: 58815
Ion Ratio	Lower Upper
41	100
39	49.3 52.1 78.1#
67	0.0 66.2 99.2#
52	0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 18.270 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 62	Resp: 51926
Ion Ratio	Lower Upper
62	100
98	9.4 0.0 15.8

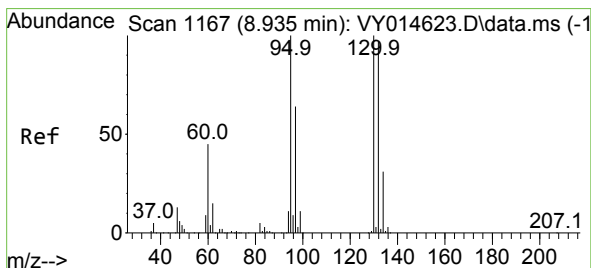
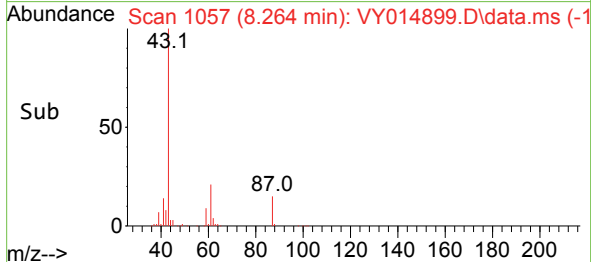
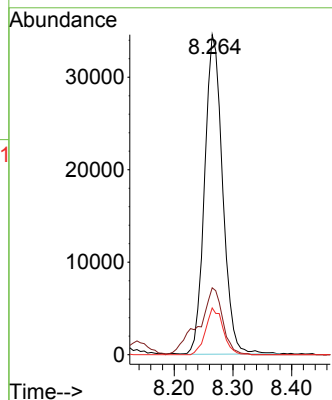
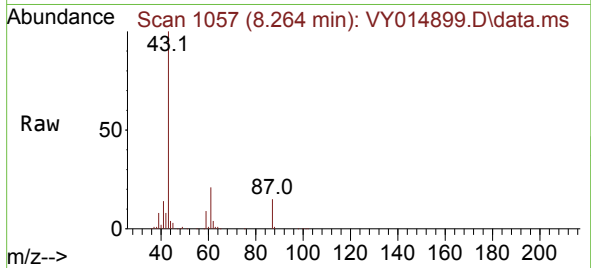




#43
Isopropyl Acetate
Concen: 17.763 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

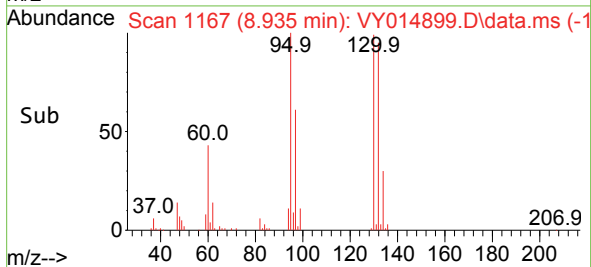
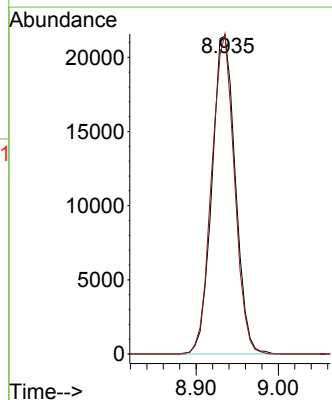
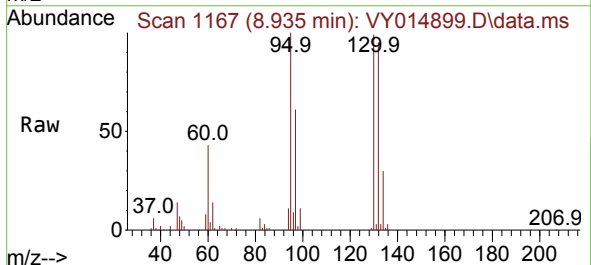
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

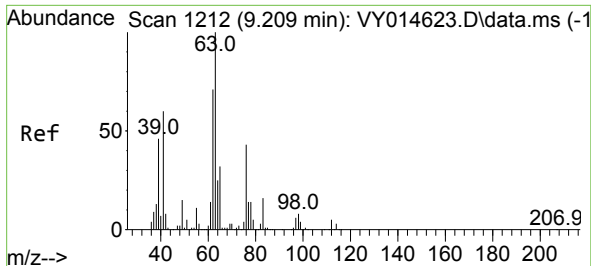
Tgt Ion: 43 Resp: 73517
Ion Ratio Lower Upper
43 100
61 27.8 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 16.867 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion:130 Resp: 42355
Ion Ratio Lower Upper
130 100
95 100.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 16.965 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

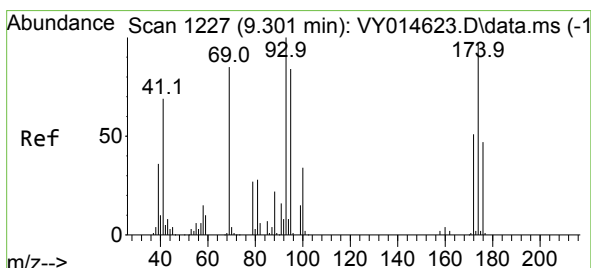
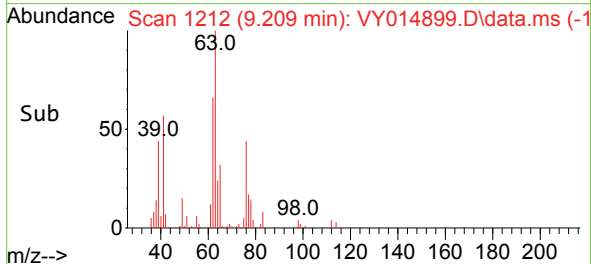
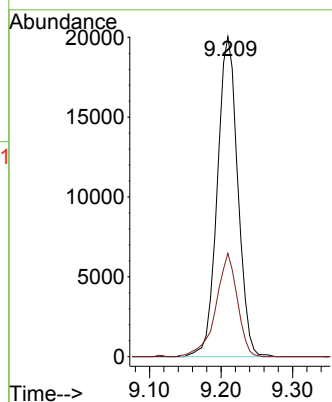
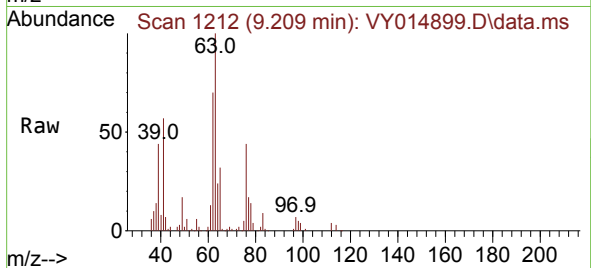
VY0728SBS01

Tgt Ion: 63 Resp: 39758

Ion Ratio Lower Upper

63 100

65 32.3 23.8 35.6



#46

Dibromomethane

Concen: 18.006 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

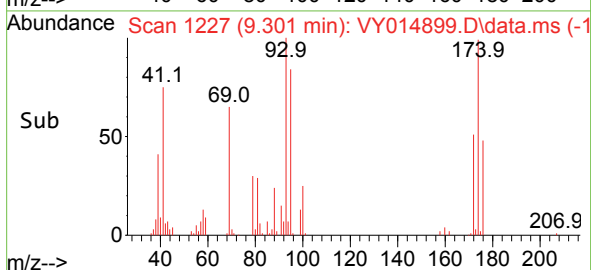
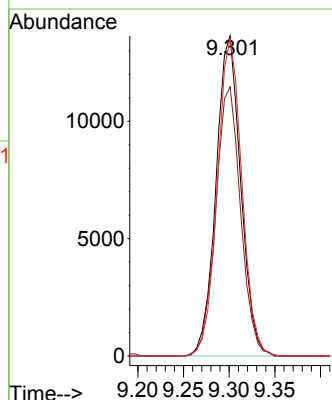
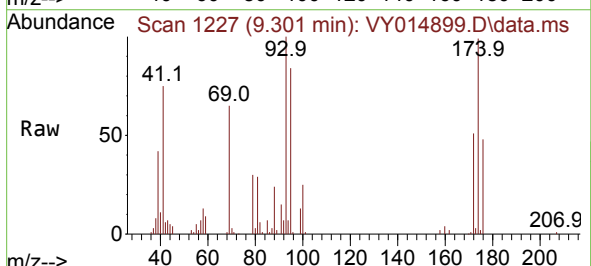
Tgt Ion: 93 Resp: 25600

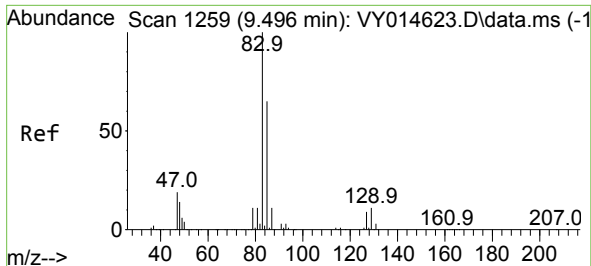
Ion Ratio Lower Upper

93 100

95 84.9 66.6 100.0

174 98.5 84.8 127.2

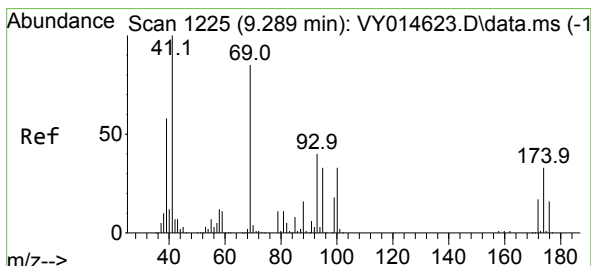
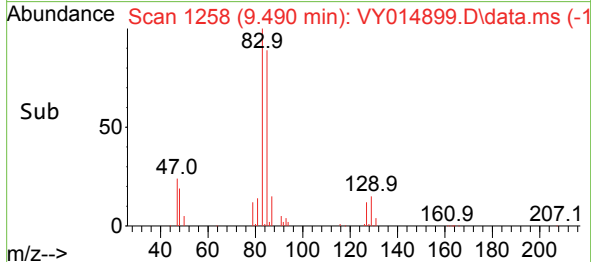
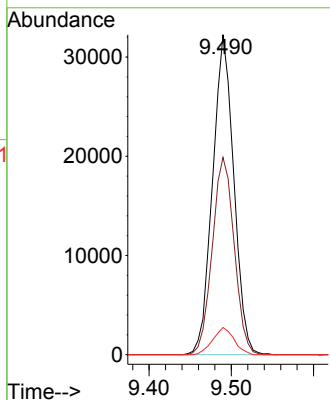
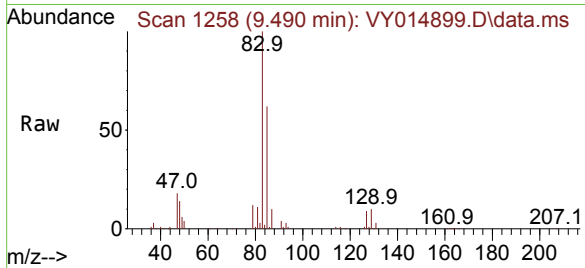




#47
Bromodichloromethane
Concen: 17.221 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

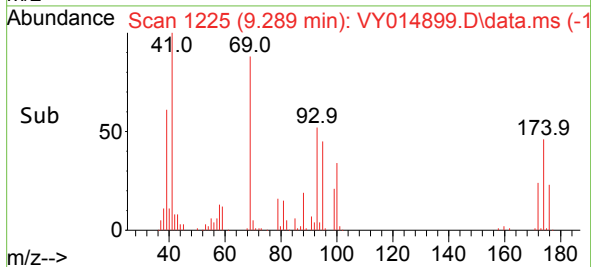
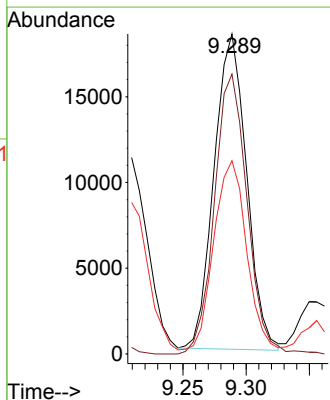
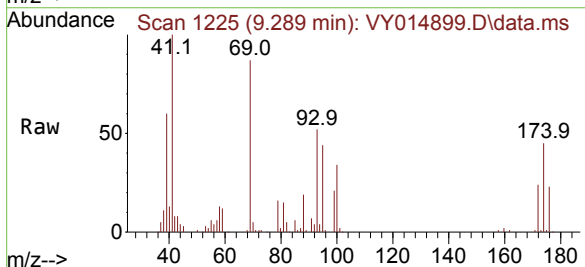
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

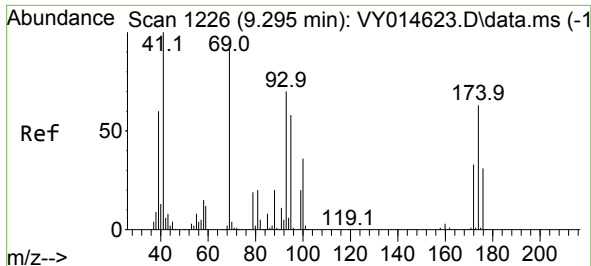
Tgt Ion: 83 Resp: 57706
Ion Ratio Lower Upper
83 100
85 61.6 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 17.577 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 41 Resp: 32735
Ion Ratio Lower Upper
41 100
69 89.7 64.5 96.7
39 63.3 50.8 76.2

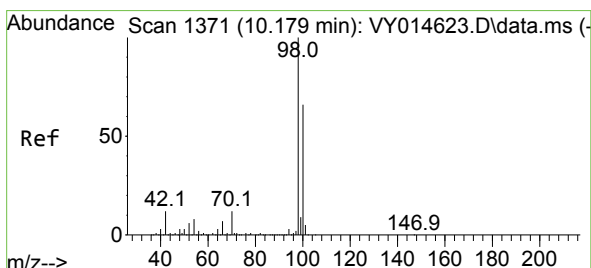
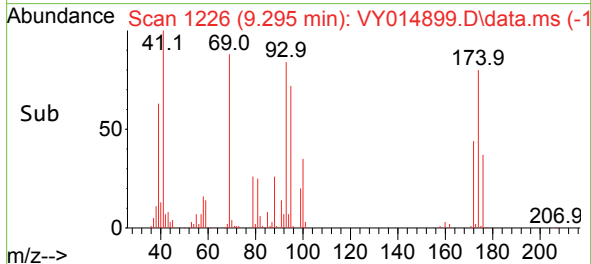
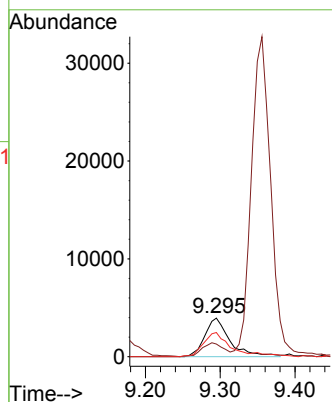
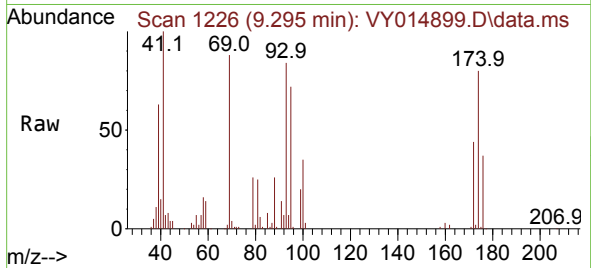




#49
1,4-Dioxane
Concen: 396.073 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

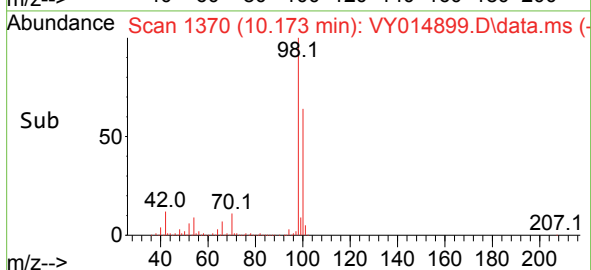
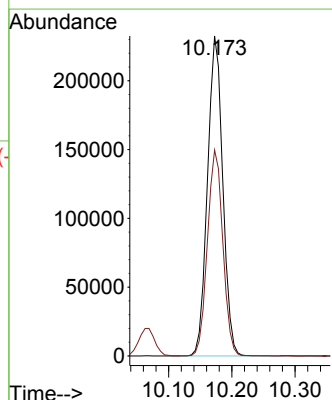
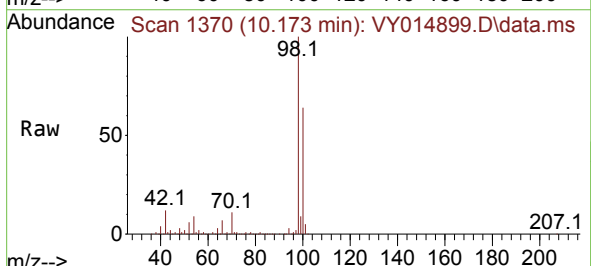
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

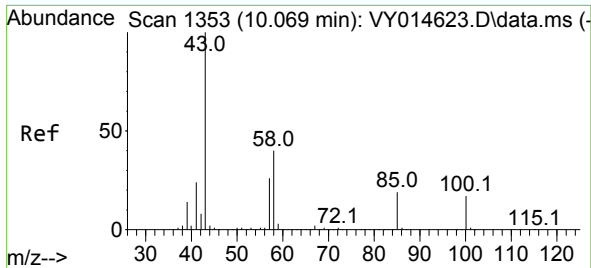
Tgt Ion: 88 Resp: 9182
Ion Ratio Lower Upper
88 100
43 31.1 0.0 0.0#
58 70.8 30.9 46.3#



#50
Toluene-d8
Concen: 50.218 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 98 Resp: 390684
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

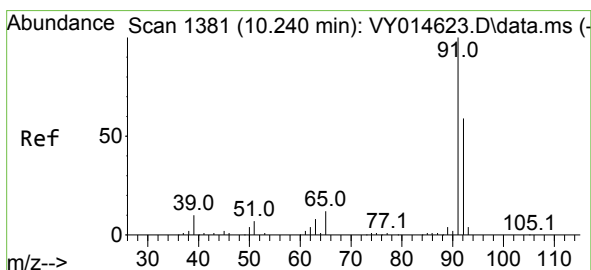
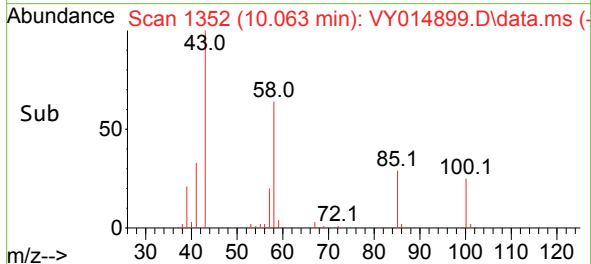
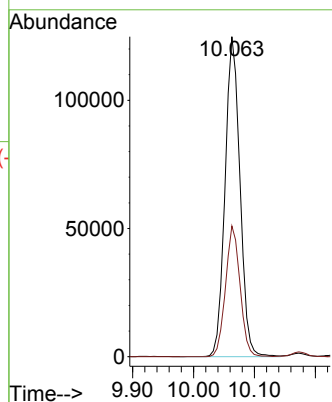
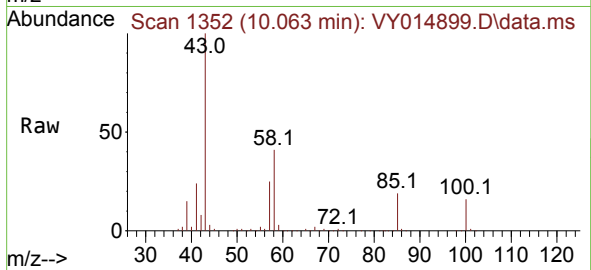




#51
4-Methyl-2-Pentanone
Concen: 97.535 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

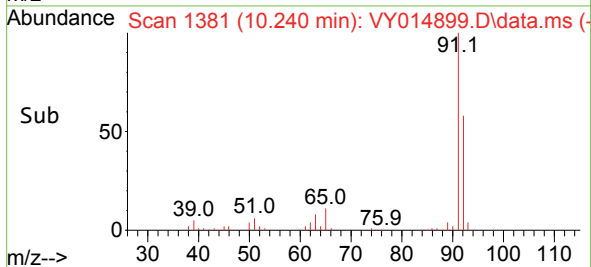
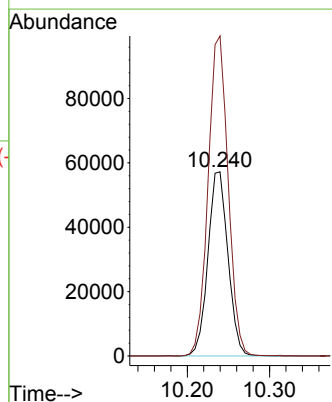
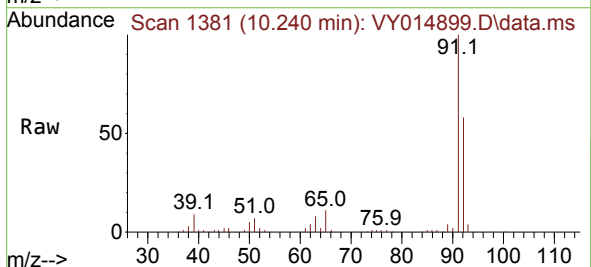
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

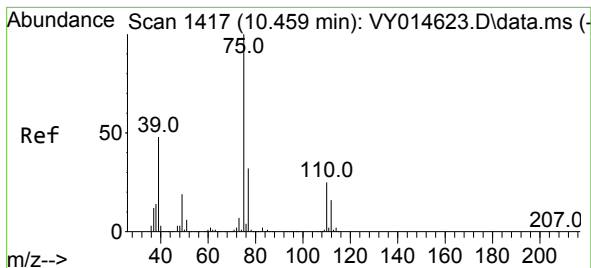
Tgt Ion: 43 Resp: 211949
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#52
Toluene
Concen: 16.868 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 92 Resp: 96875
Ion Ratio Lower Upper
92 100
91 173.7 143.8 215.6

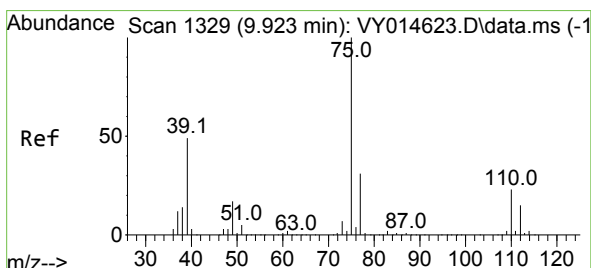
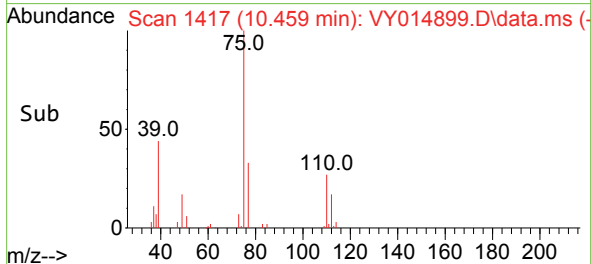
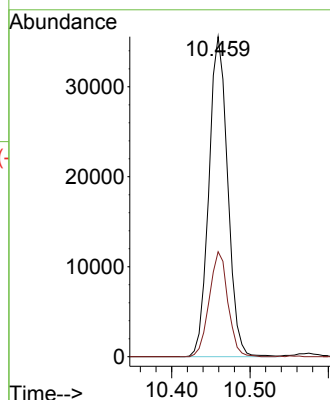
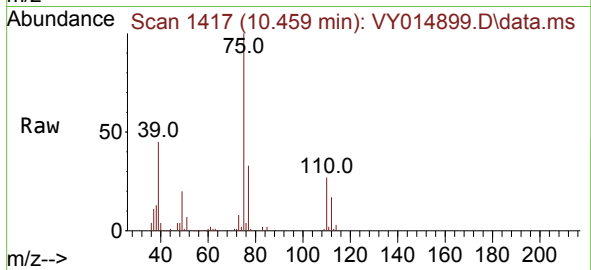




#53
t-1,3-Dichloropropene
Concen: 16.186 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

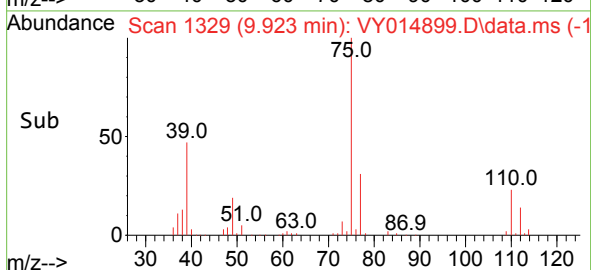
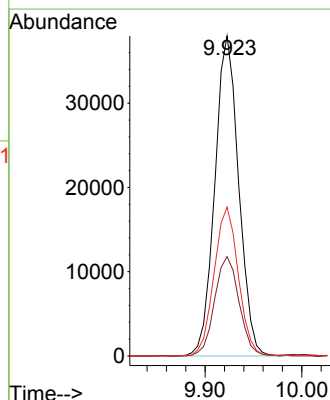
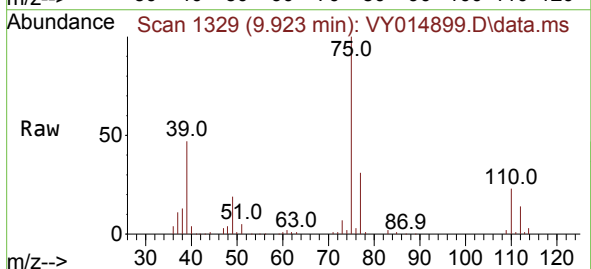
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

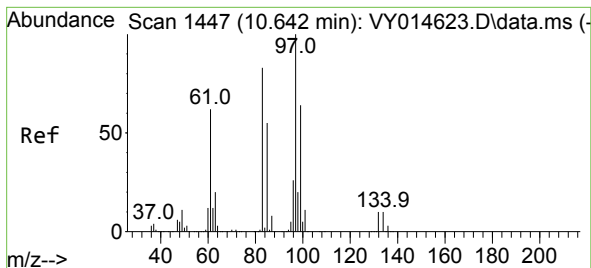
Tgt Ion: 75 Resp: 59325
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 16.328 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 75 Resp: 65080
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 46.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 18.713 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 97 Resp: 37060

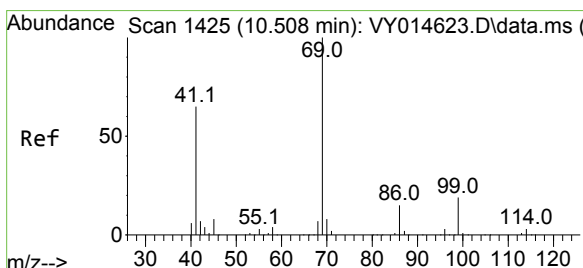
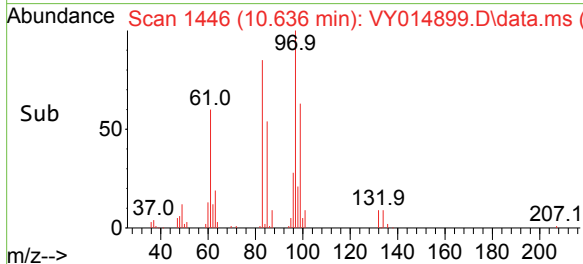
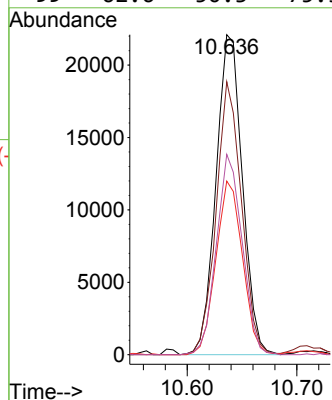
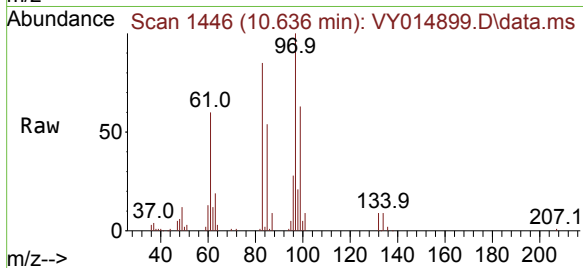
Ion Ratio Lower Upper

97 100

83 85.3 72.0 108.0

85 54.3 45.4 68.0

99 62.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 17.274 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

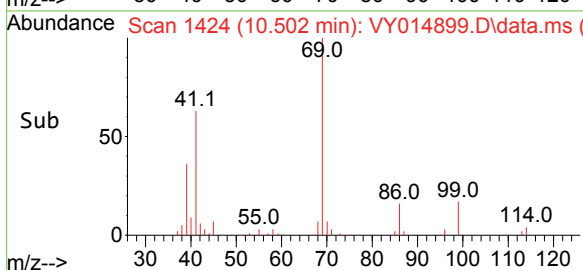
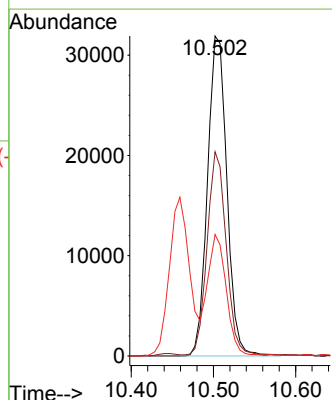
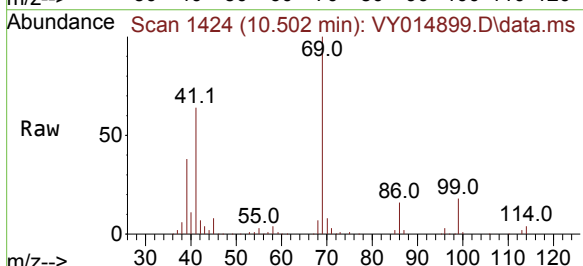
Tgt Ion: 69 Resp: 52232

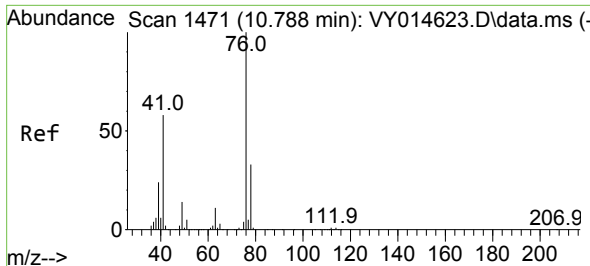
Ion Ratio Lower Upper

69 100

41 62.5 57.6 86.4

39 36.0 34.1 51.1

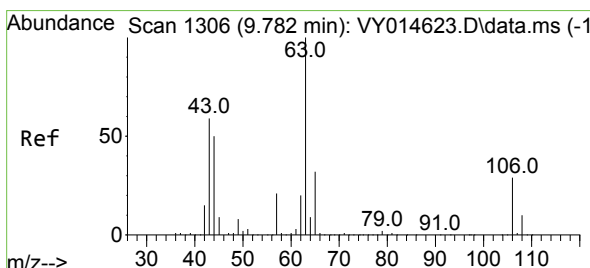
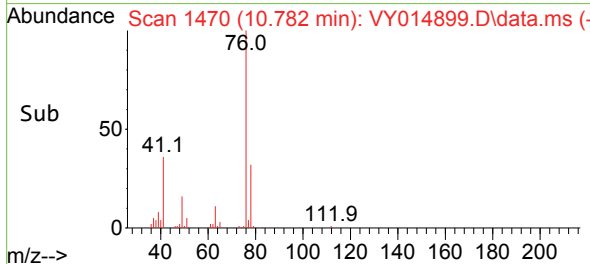
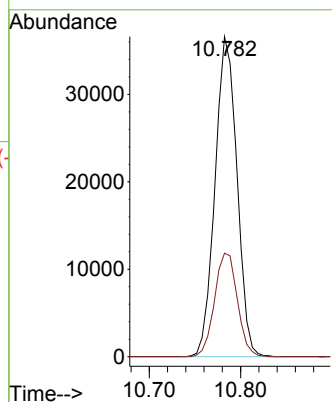
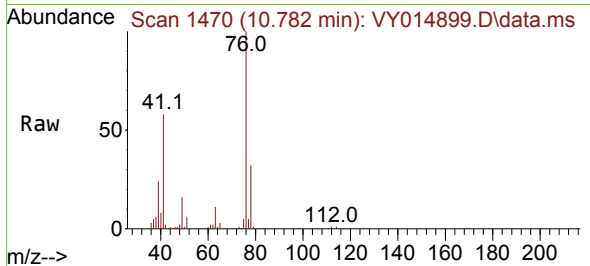




#57
1,3-Dichloropropane
Concen: 17.880 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

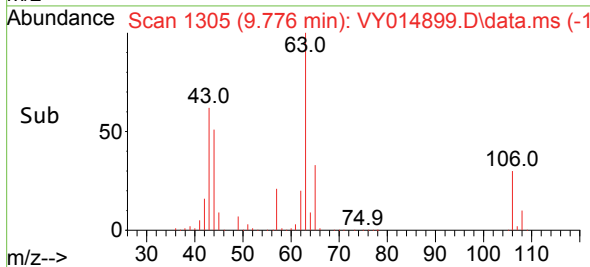
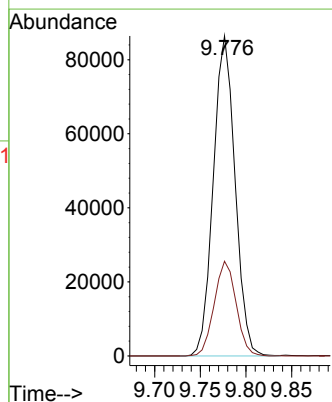
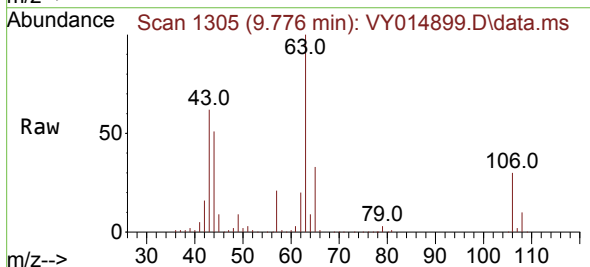
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

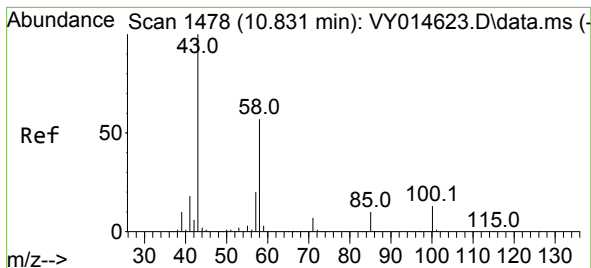
Tgt Ion: 76 Resp: 61076
Ion Ratio Lower Upper
76 100
78 33.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 101.506 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 63 Resp: 143012
Ion Ratio Lower Upper
63 100
106 29.8 21.2 31.8

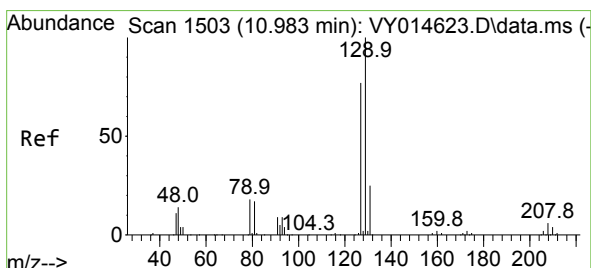
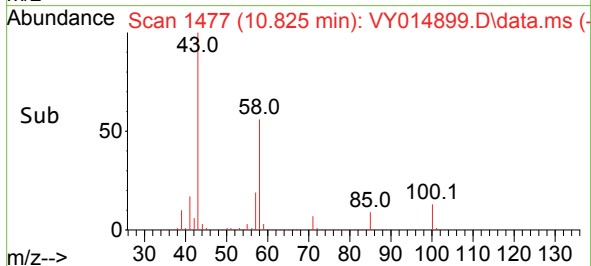
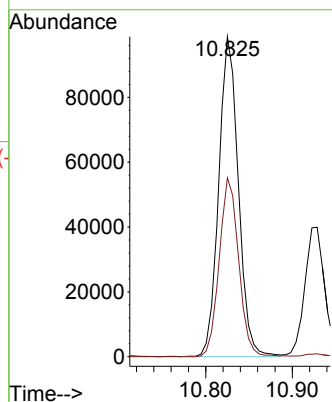
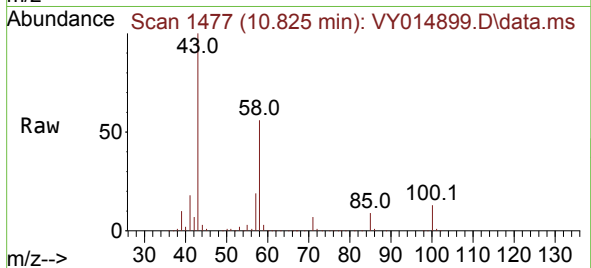




#59
2-Hexanone
Concen: 97.980 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

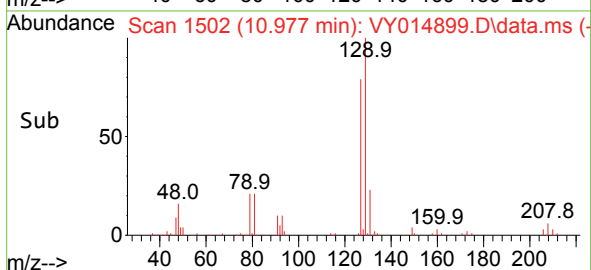
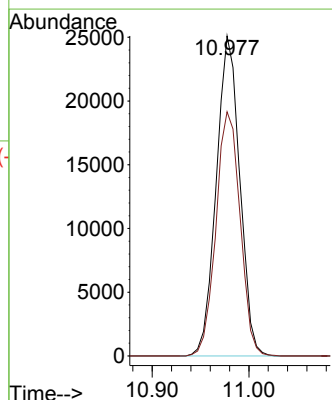
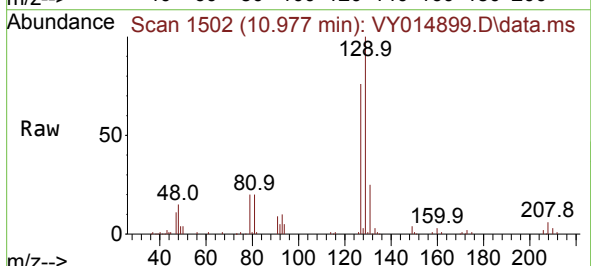
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

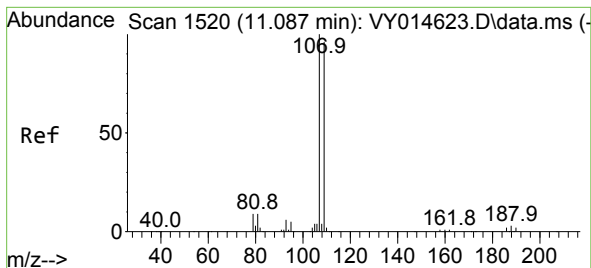
Tgt Ion: 43 Resp: 155270
Ion Ratio Lower Upper
43 100
58 55.4 25.1 75.3



#60
Dibromochloromethane
Concen: 17.406 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 129 Resp: 42263
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5

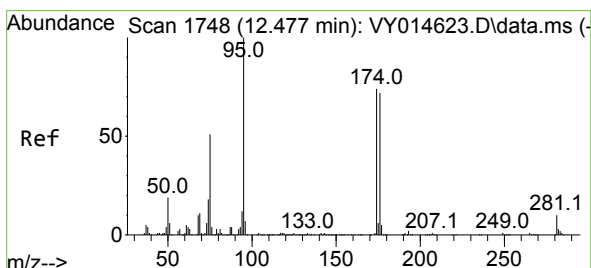
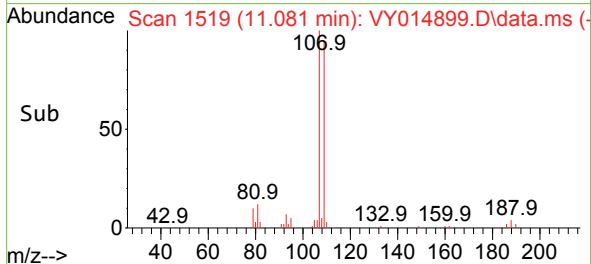
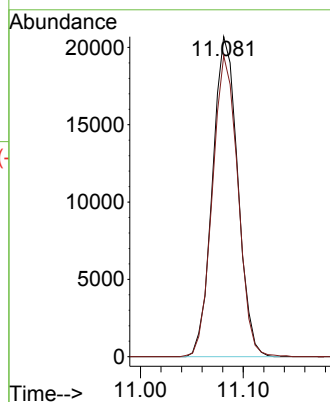
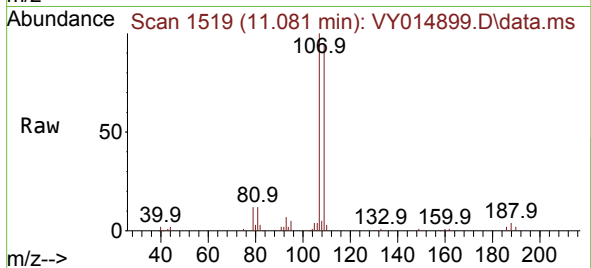




#61
1,2-Dibromoethane
Concen: 17.817 ug/l
RT: 11.081 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

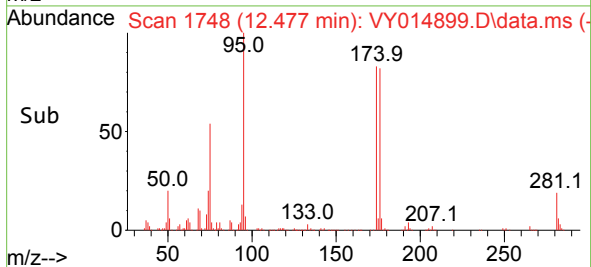
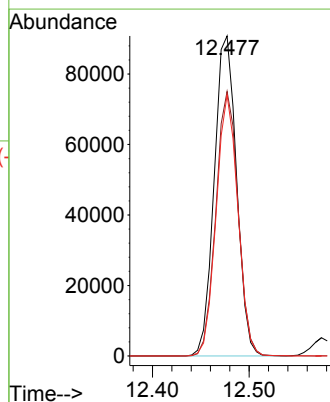
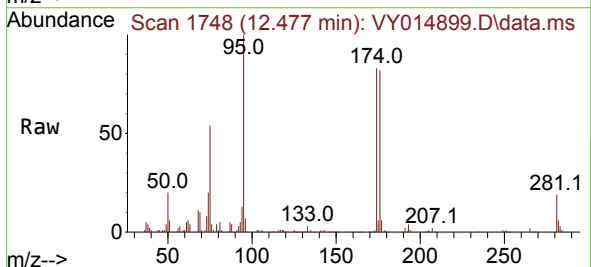
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

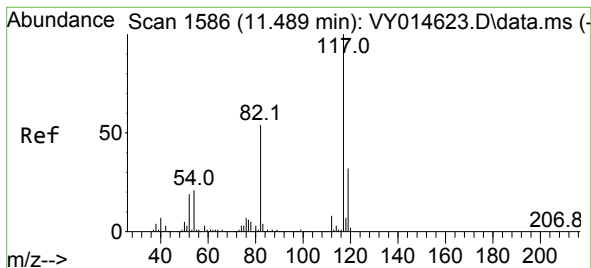
Tgt Ion:107 Resp: 35201
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.628 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 95 Resp: 145061
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.2
176 79.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

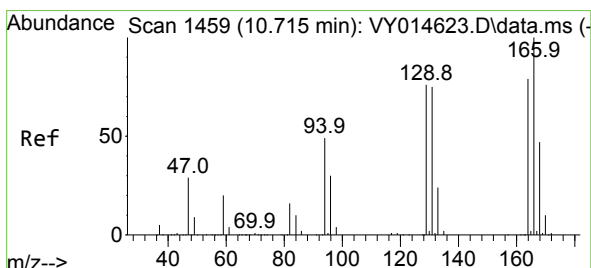
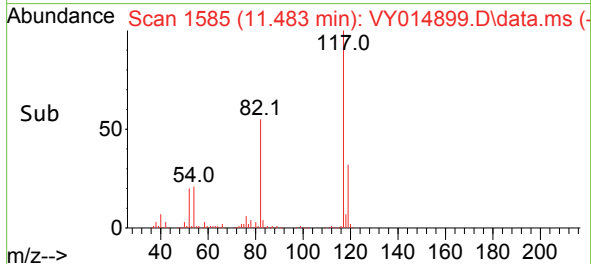
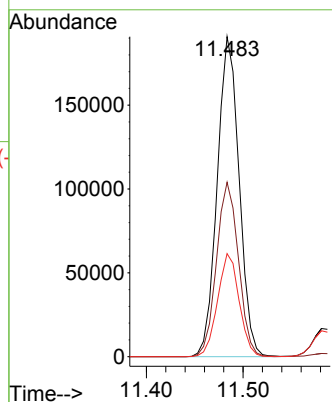
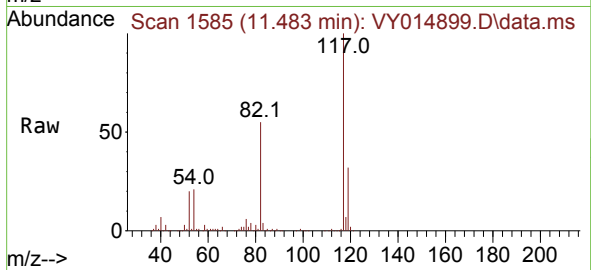
Tgt Ion:117 Resp: 299913

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 17.492 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Tgt Ion:164 Resp: 42193

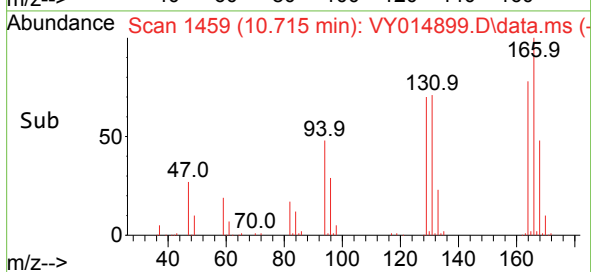
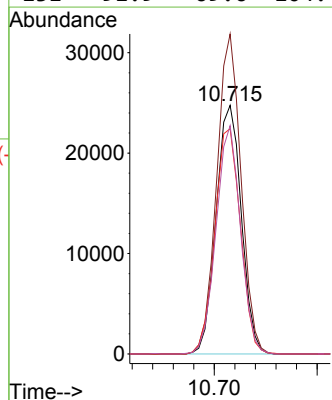
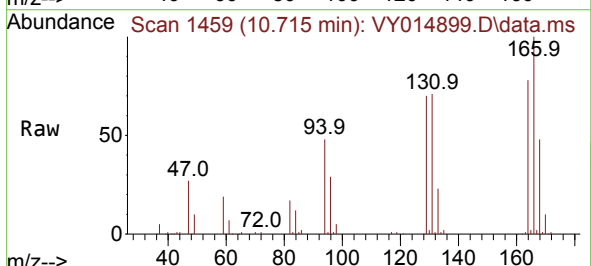
Ion Ratio Lower Upper

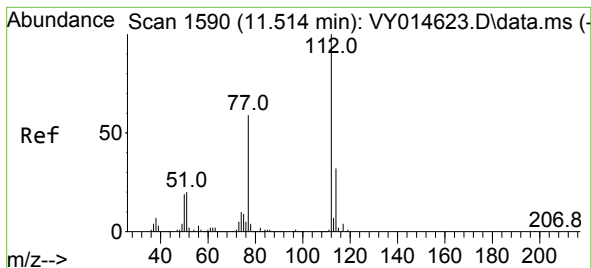
164 100

166 128.7 103.0 154.6

129 90.6 77.2 115.8

131 91.9 69.6 104.4





#65

Chlorobenzene

Concen: 16.781 ug/l

RT: 11.508 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

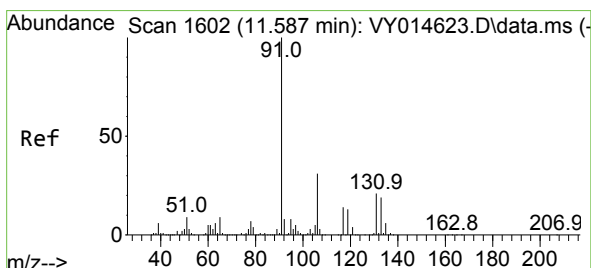
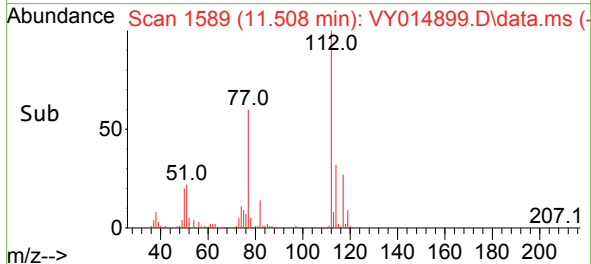
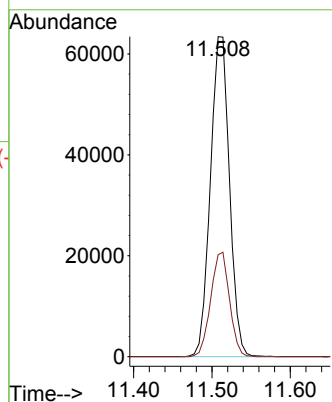
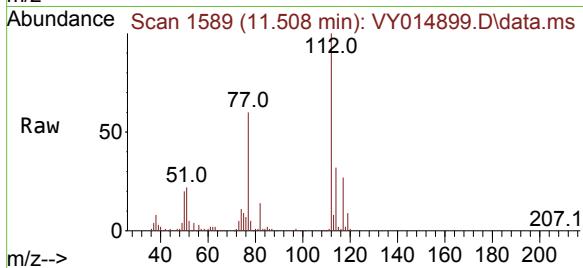
VY0728SBS01

Tgt Ion:112 Resp: 107248

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 16.695 ug/l

RT: 11.581 min Scan# 1601

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

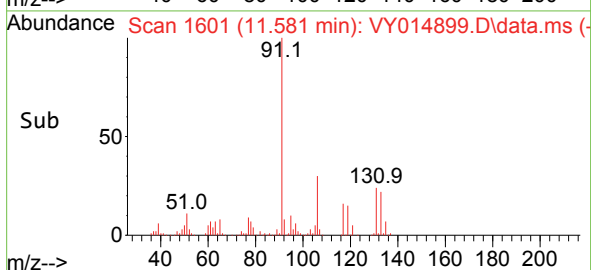
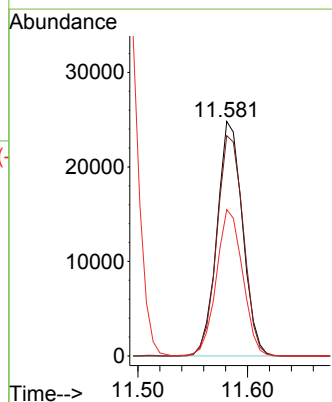
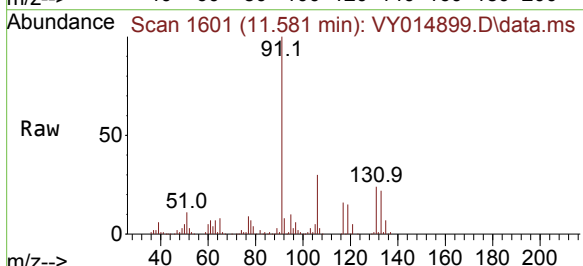
Tgt Ion:131 Resp: 40229

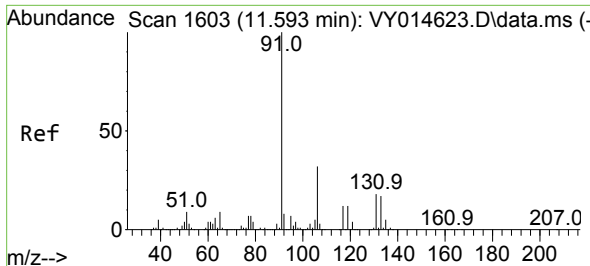
Ion Ratio Lower Upper

131 100

133 97.0 47.5 142.6

119 64.2 31.6 94.7

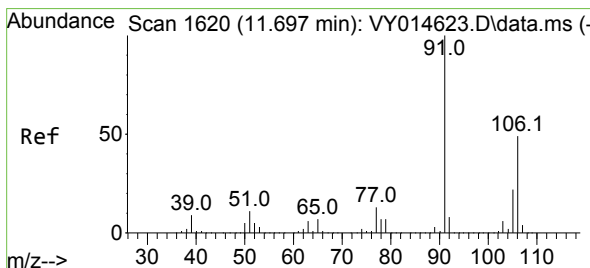
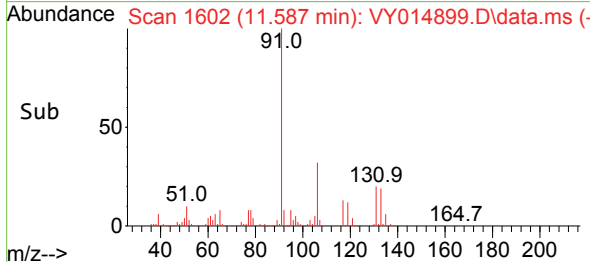
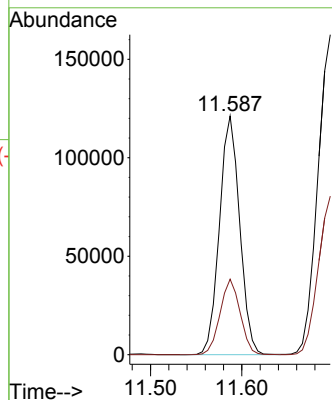
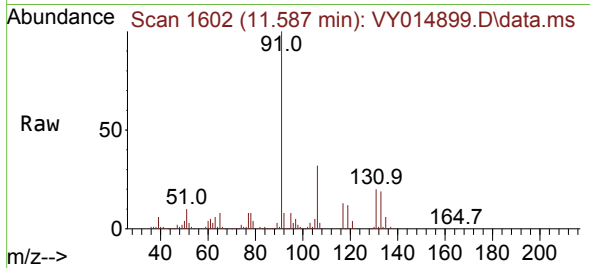




#67
Ethyl Benzene
Concen: 16.179 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

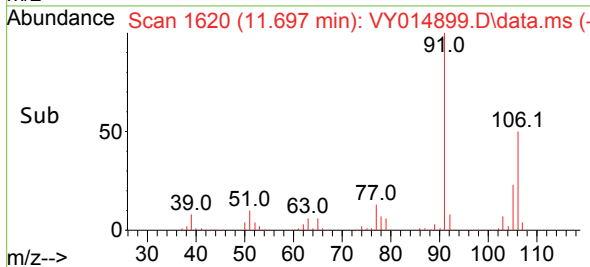
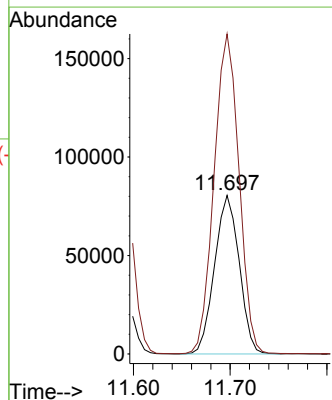
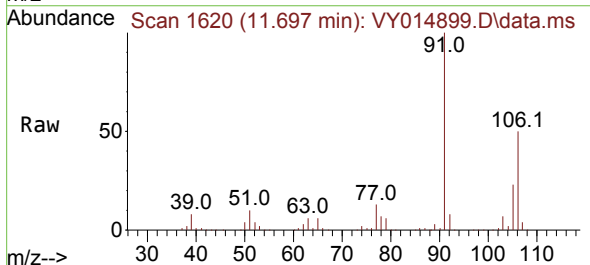
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

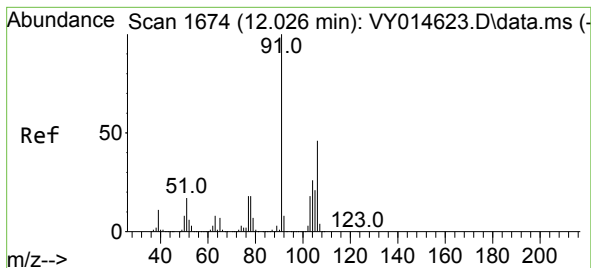
Tgt Ion: 91 Resp: 186687
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8



#68
m/p-Xylenes
Concen: 32.340 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion:106 Resp: 142452
Ion Ratio Lower Upper
106 100
91 204.1 166.1 249.1





#69

o-Xylene

Concen: 16.577 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

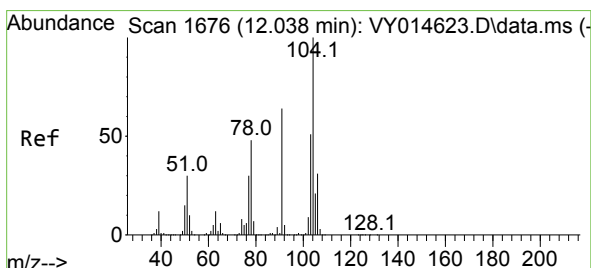
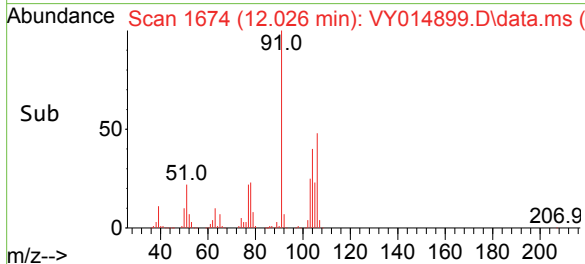
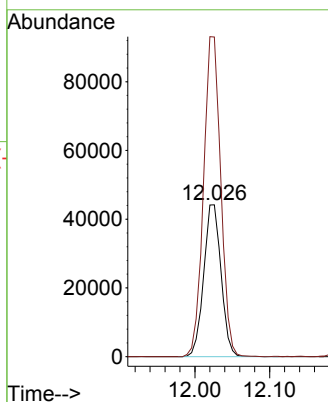
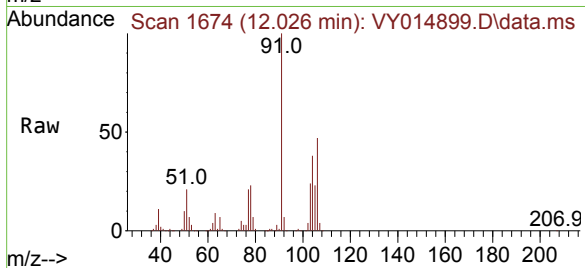
VY0728SBS01

Tgt Ion:106 Resp: 71122

Ion Ratio Lower Upper

106 100

91 209.5 108.1 324.3



#70

Styrene

Concen: 16.701 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

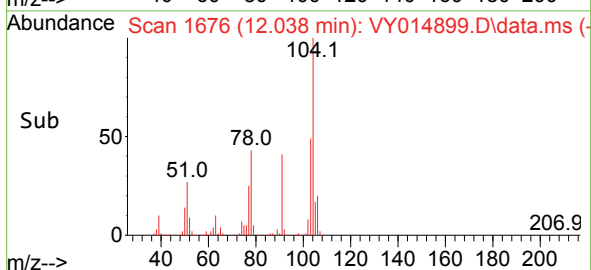
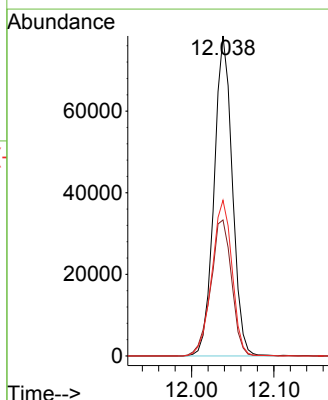
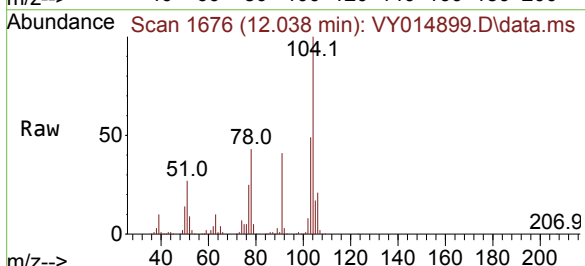
Tgt Ion:104 Resp: 120767

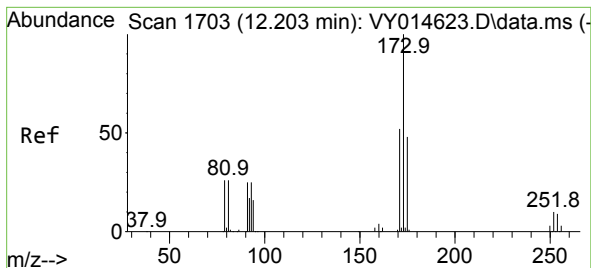
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

103 53.8 44.6 67.0





#71

Bromoform

Concen: 17.188 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

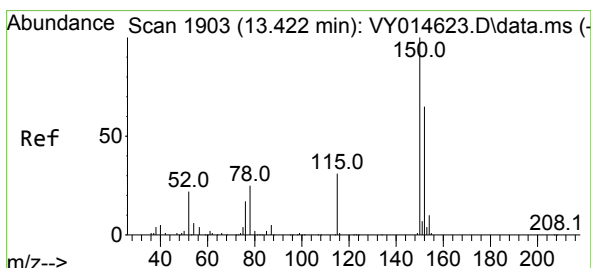
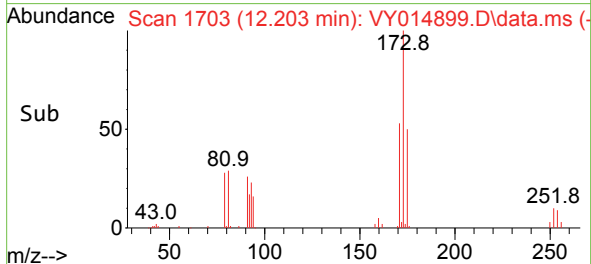
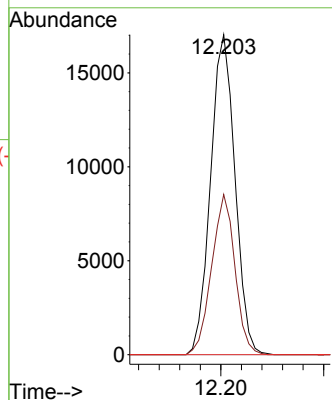
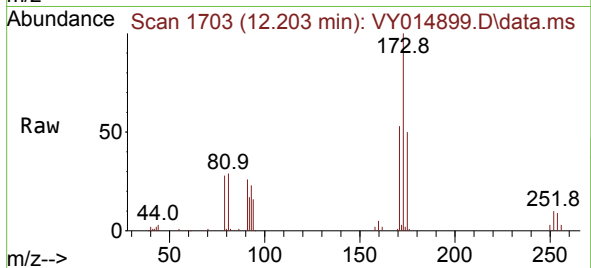
Tgt Ion:173 Resp: 28074

Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

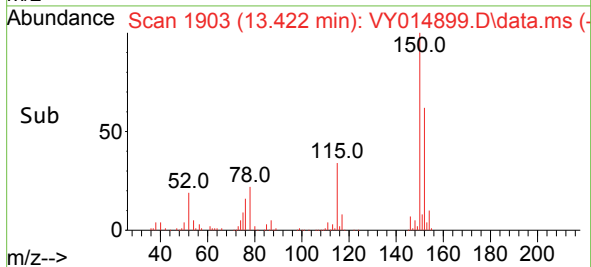
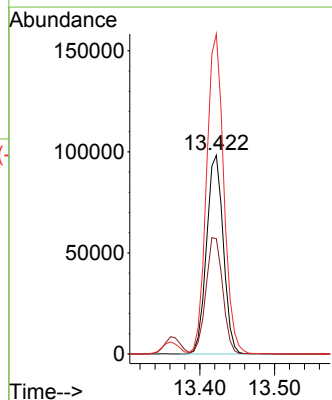
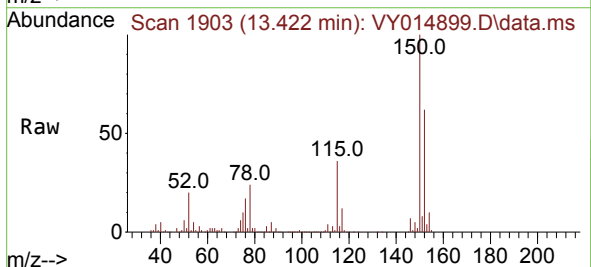
Tgt Ion:152 Resp: 153010

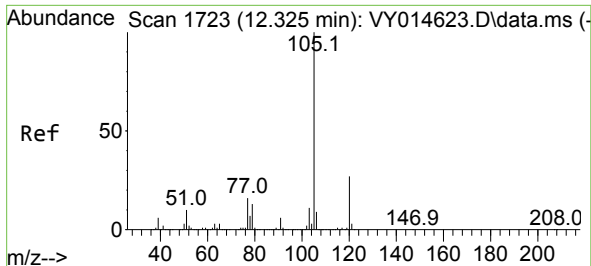
Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 165.4 0.0 348.8

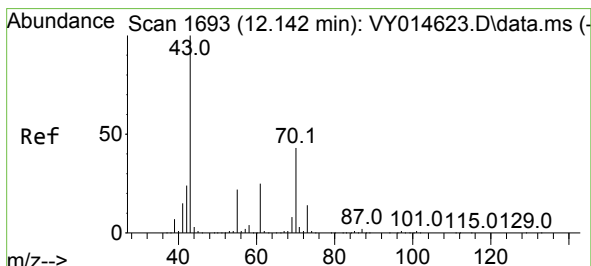
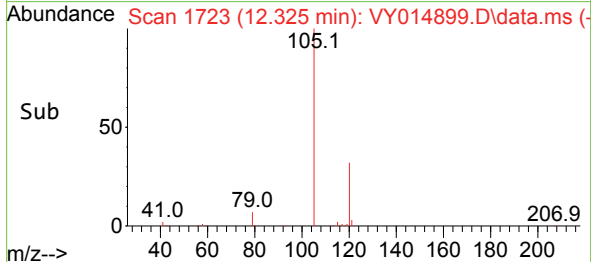
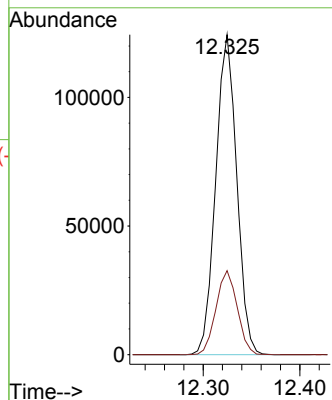
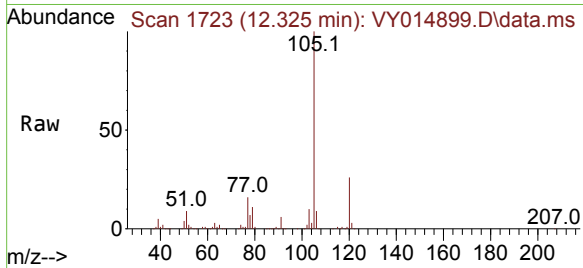




#73
Isopropylbenzene
Concen: 15.619 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

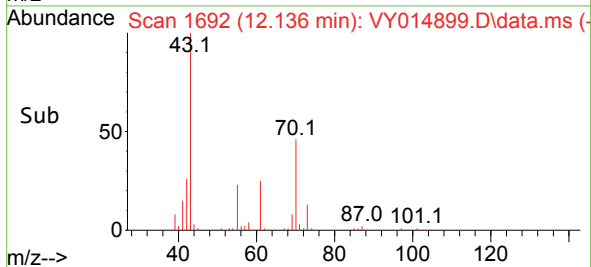
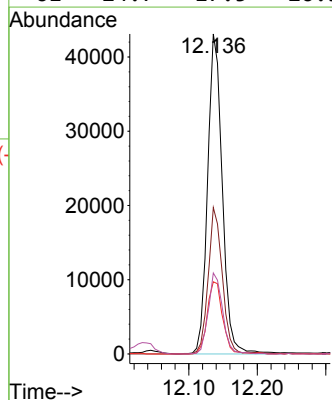
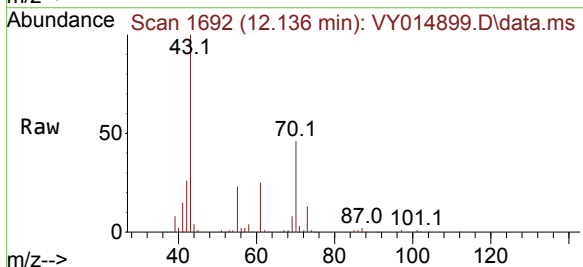
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

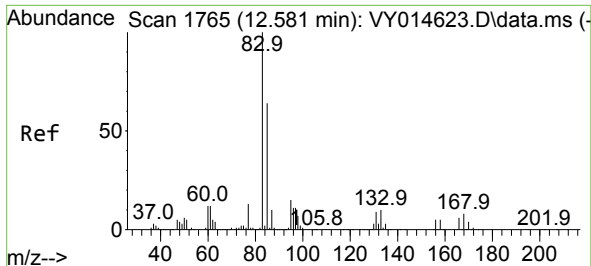
Tgt Ion:105 Resp: 187133
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 16.066 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 43 Resp: 64466
Ion Ratio Lower Upper
43 100
70 44.2 29.7 44.5
55 23.4 18.3 27.5
61 24.7 17.5 26.3

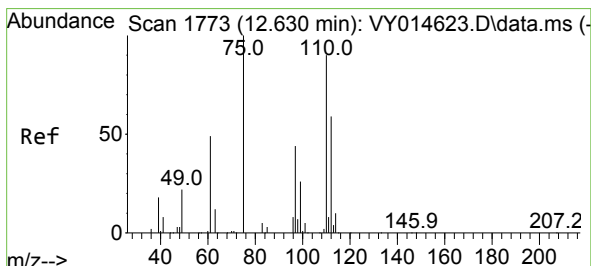
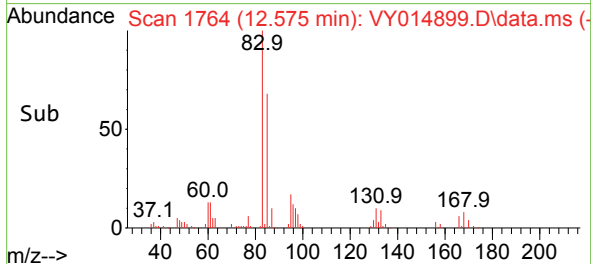
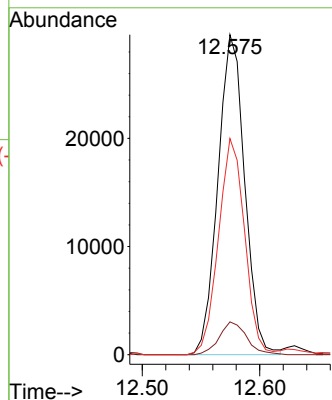
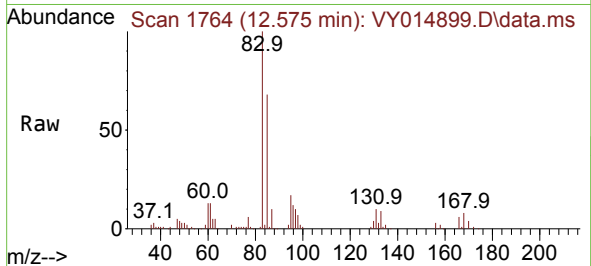




#75
1,1,2,2-Tetrachloroethane
Concen: 17.170 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

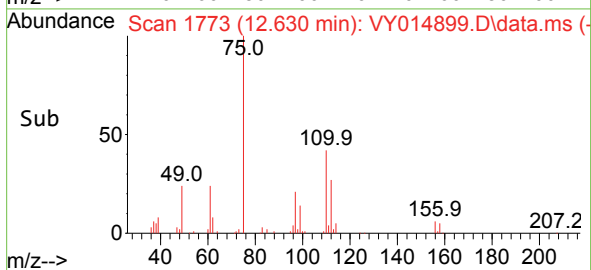
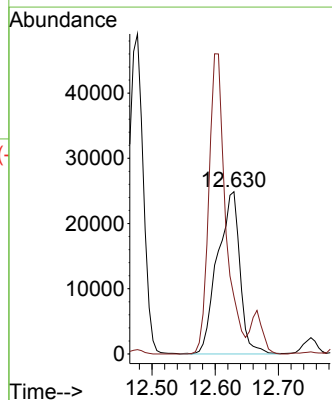
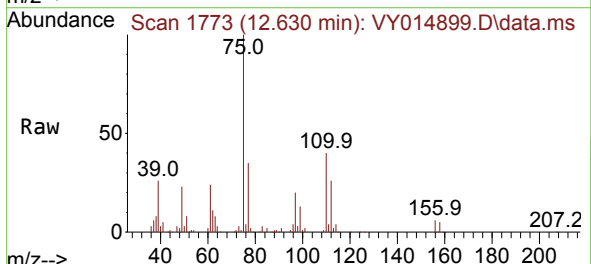
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

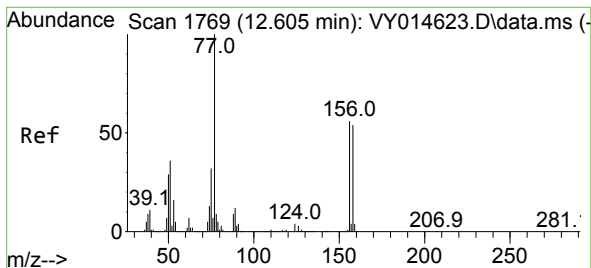
Tgt Ion: 83 Resp: 46912
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 65.9 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 31.713 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 75 Resp: 61285
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 16.451 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

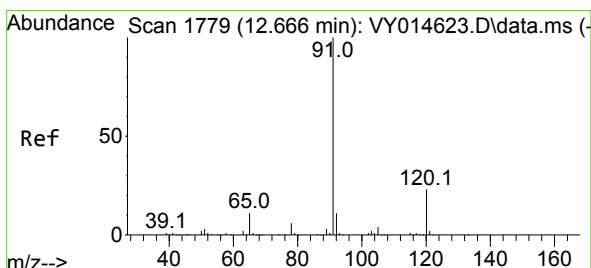
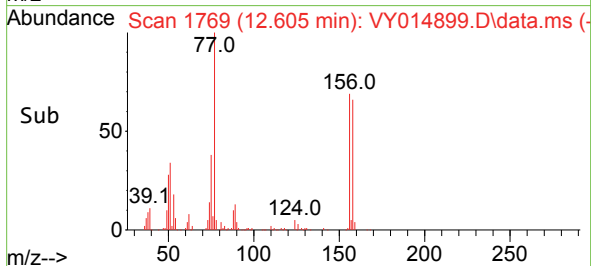
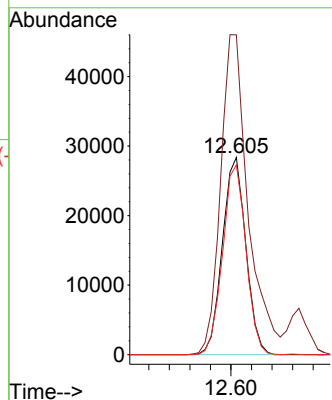
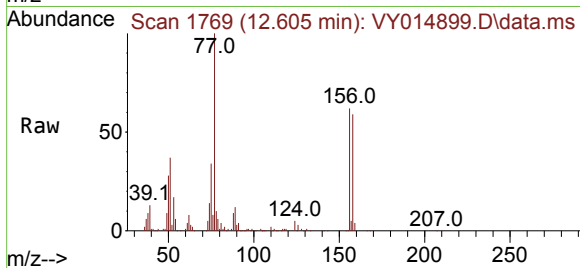
Tgt Ion:156 Resp: 44991

Ion Ratio Lower Upper

156 100

77 190.0 92.8 278.6

158 95.5 48.4 145.3



#78

n-propylbenzene

Concen: 15.593 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014899.D

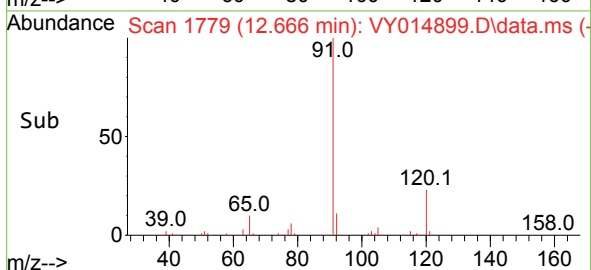
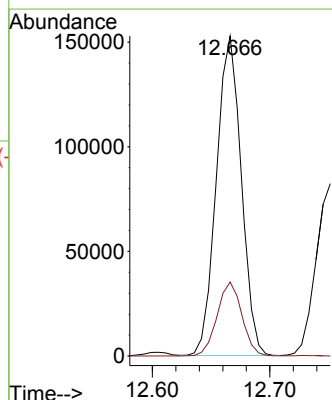
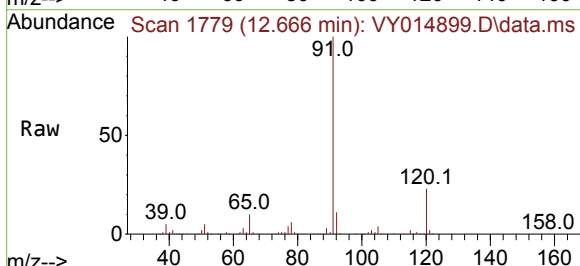
Acq: 28 Jul 2023 11:20

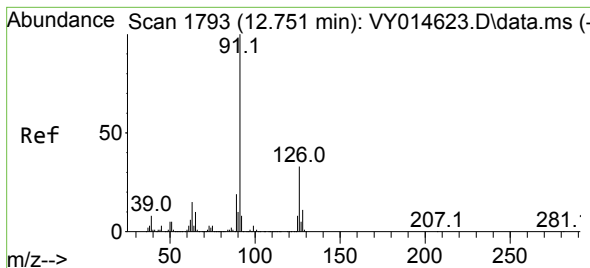
Tgt Ion: 91 Resp: 225116

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

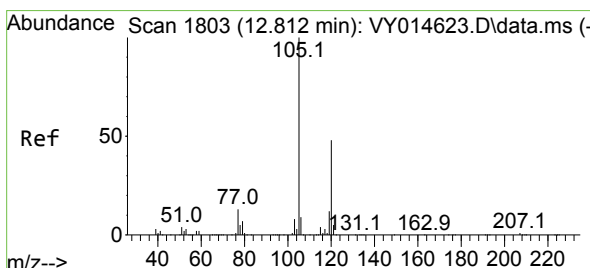
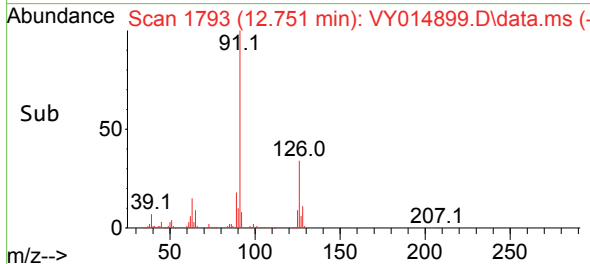
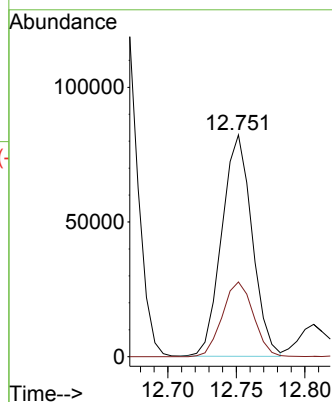
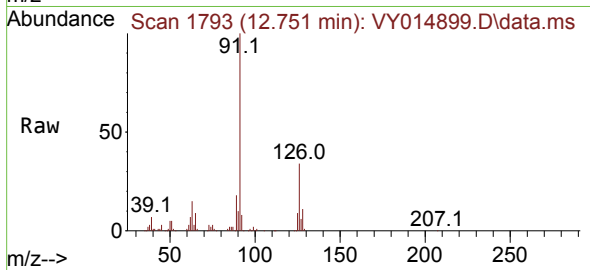




#79
2-Chlorotoluene
Concen: 15.247 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

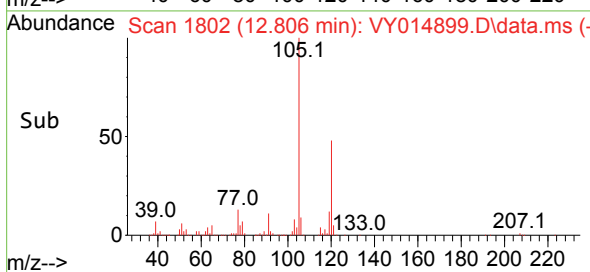
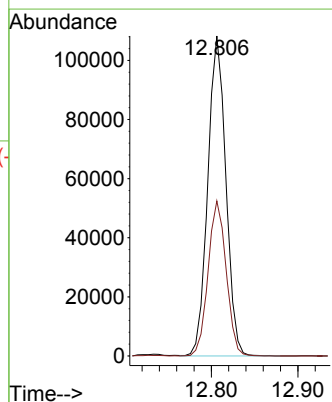
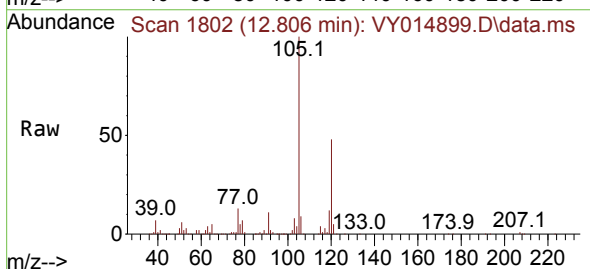
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

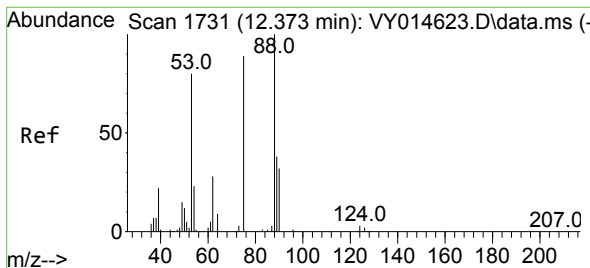
Tgt Ion: 91 Resp: 126786
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 15.689 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 105 Resp: 156978
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7

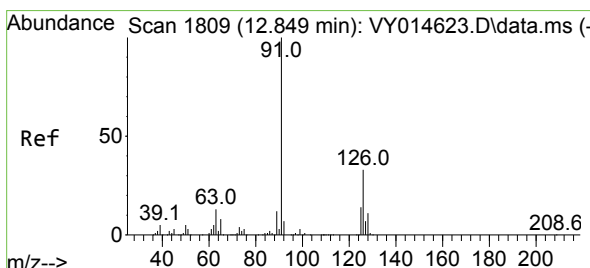
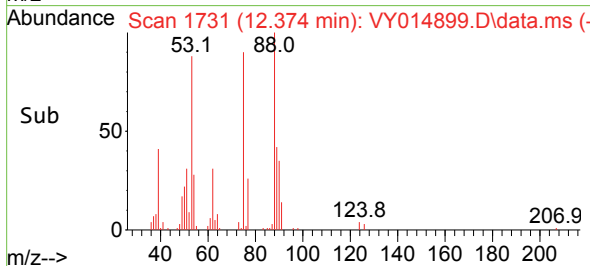
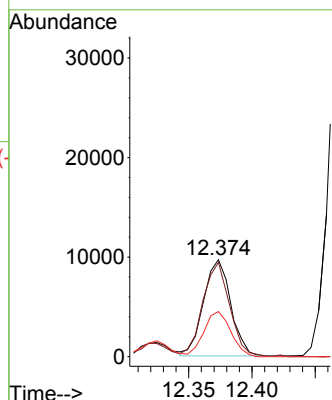
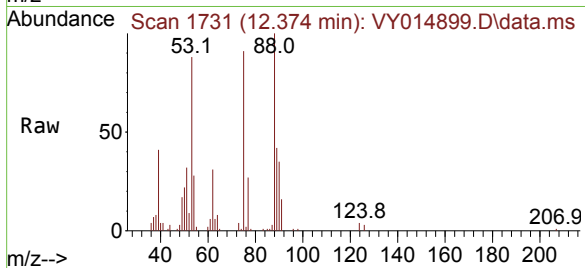




#81
trans-1,4-Dichloro-2-butene
Concen: 14.473 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

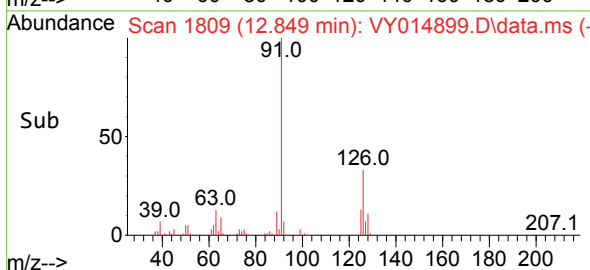
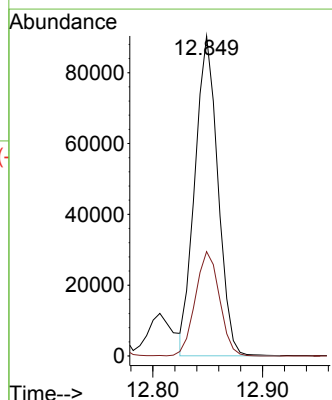
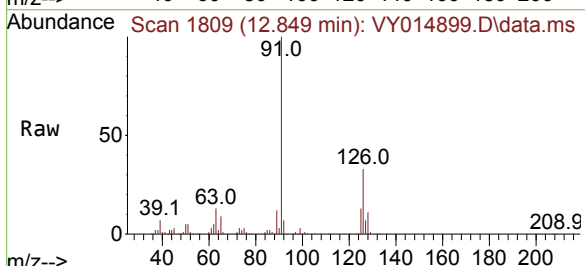
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

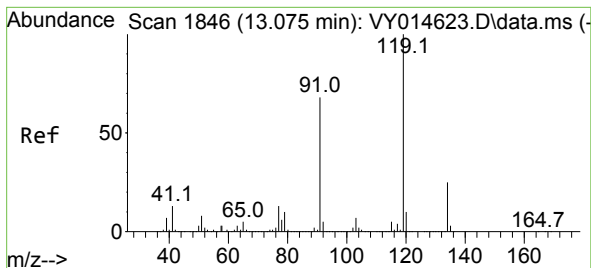
Tgt Ion: 75 Resp: 14445
Ion Ratio Lower Upper
75 100
53 97.6 77.8 116.8
89 46.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 15.358 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 91 Resp: 131527
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 15.460 ug/l

RT: 13.069 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

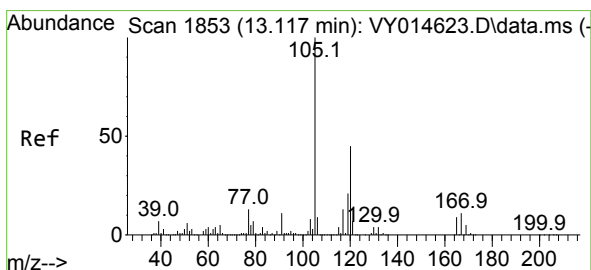
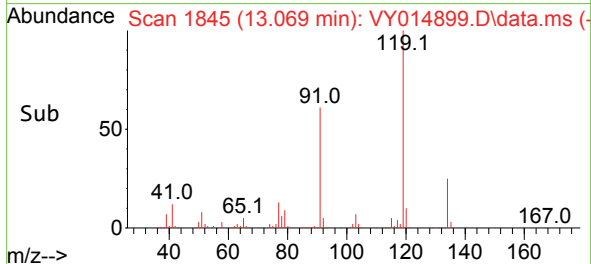
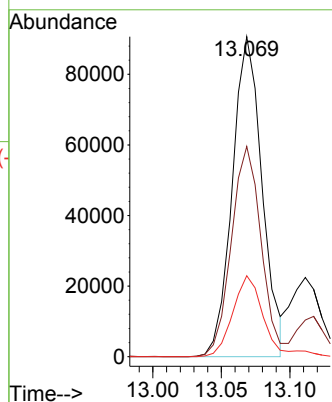
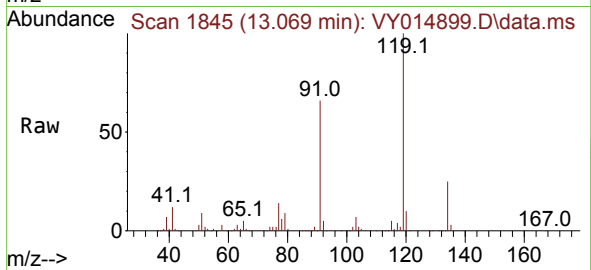
Tgt Ion:119 Resp: 137222

Ion Ratio Lower Upper

119 100

91 65.3 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 15.859 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014899.D

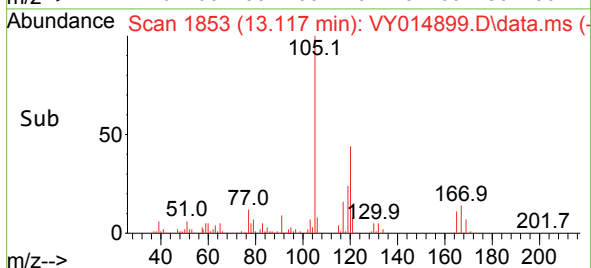
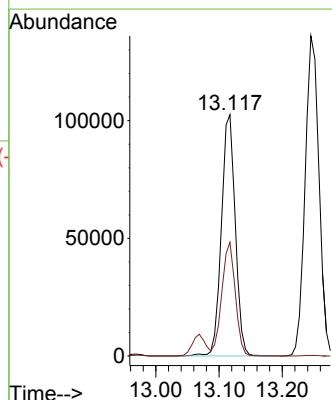
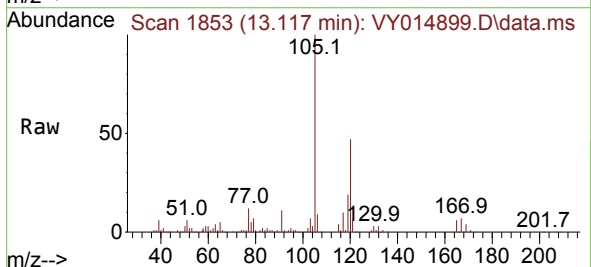
Acq: 28 Jul 2023 11:20

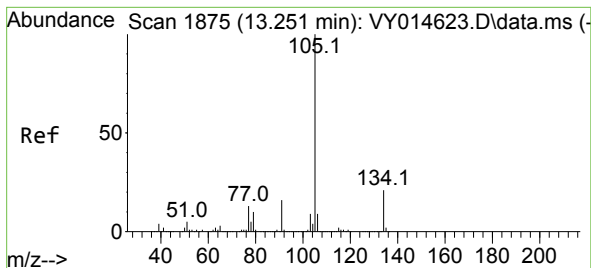
Tgt Ion:105 Resp: 155729

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 15.821 ug/l

RT: 13.245 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

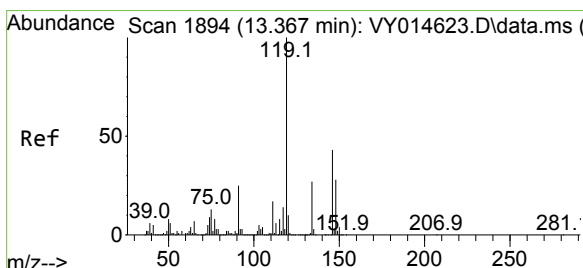
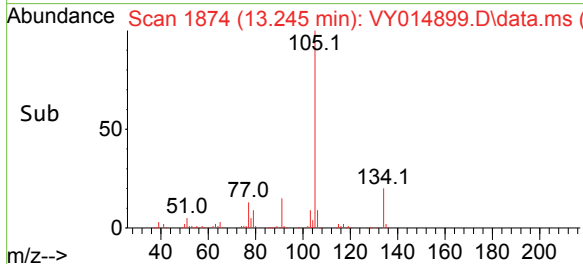
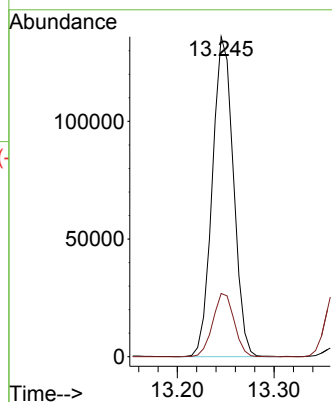
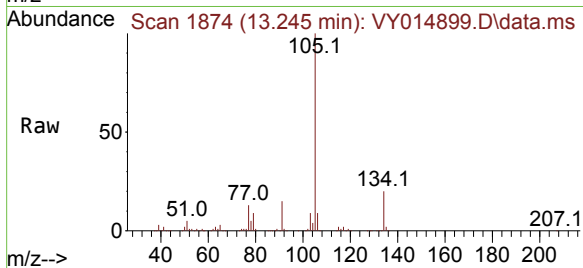
VY0728SBS01

Tgt Ion:105 Resp: 205989

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 15.926 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

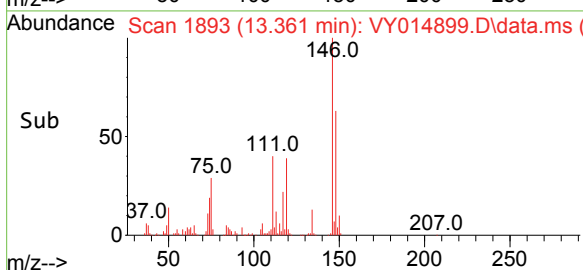
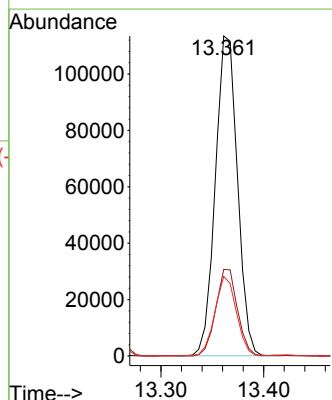
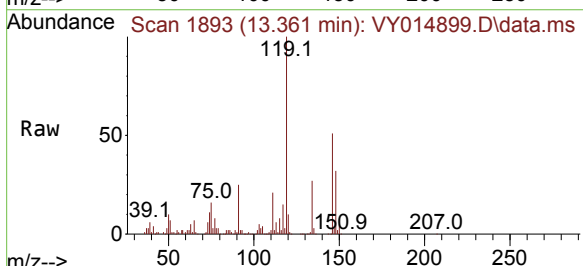
Tgt Ion:119 Resp: 169300

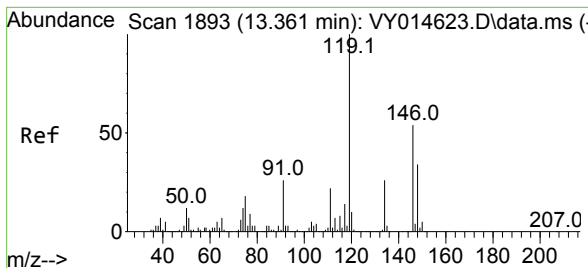
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 24.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 16.755 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

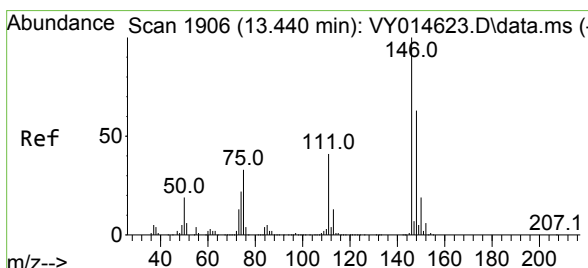
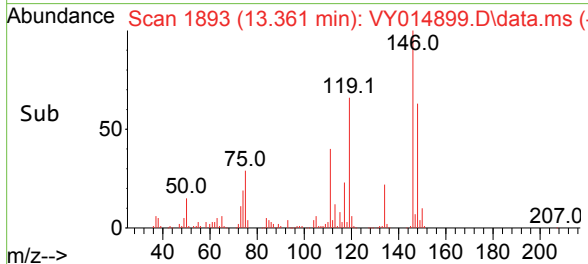
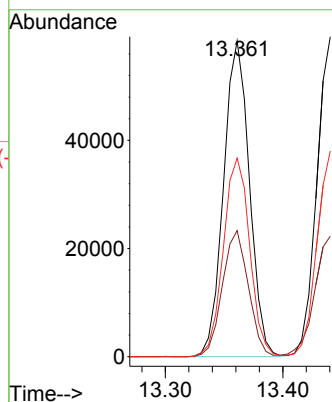
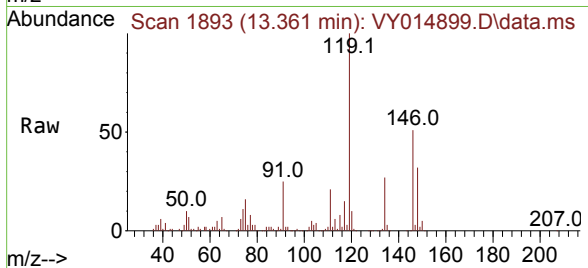
Tgt Ion:146 Resp: 89183

Ion Ratio Lower Upper

146 100

111 40.2 19.4 58.2

148 64.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 16.881 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

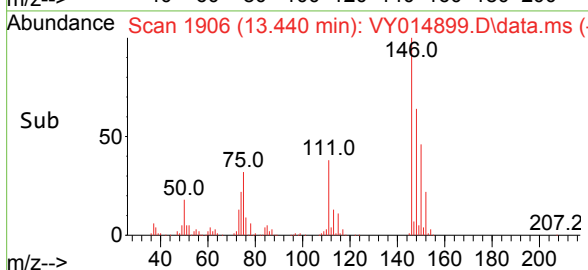
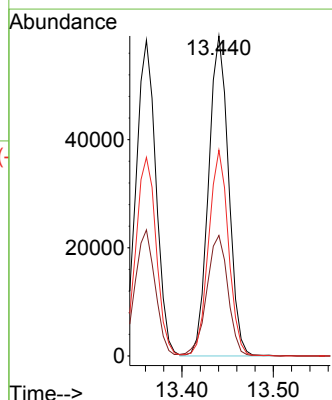
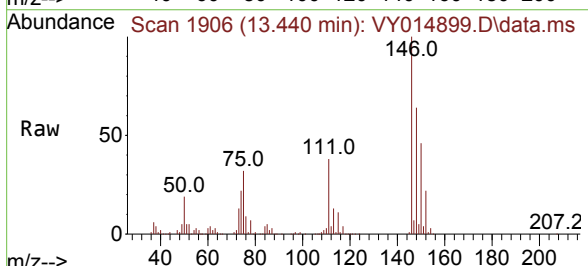
Tgt Ion:146 Resp: 90039

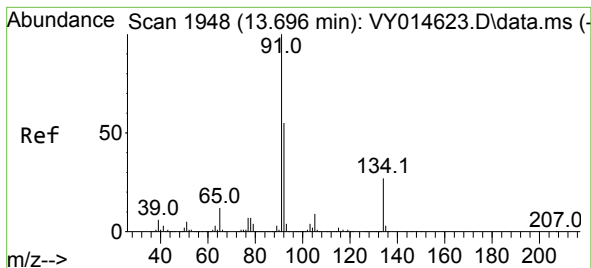
Ion Ratio Lower Upper

146 100

111 40.0 18.9 56.7

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 15.595 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

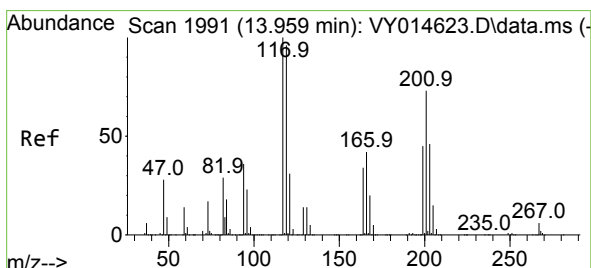
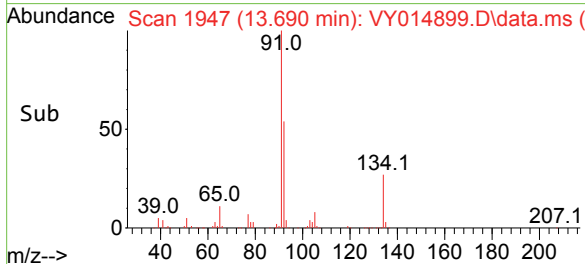
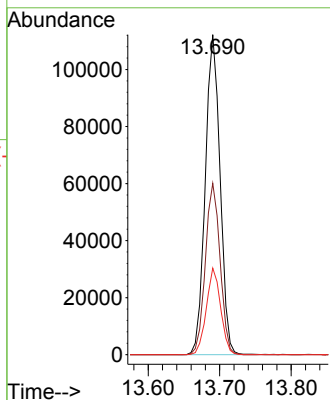
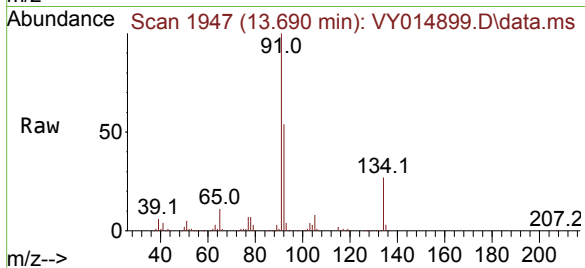
Tgt Ion: 91 Resp: 161291

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 15.107 ug/l

RT: 13.952 min Scan# 1990

Delta R.T. -0.007 min

Lab File: VY014899.D

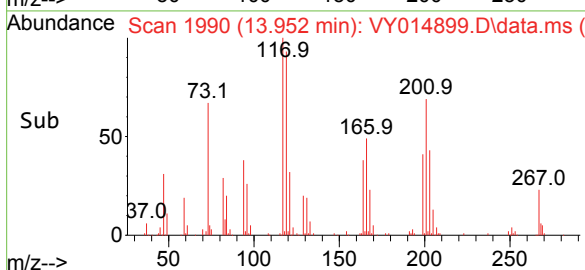
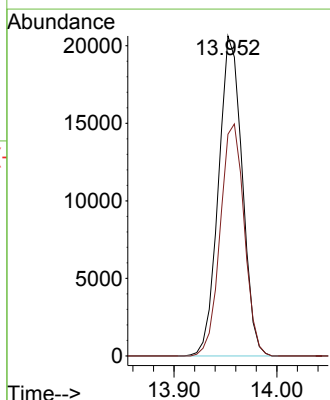
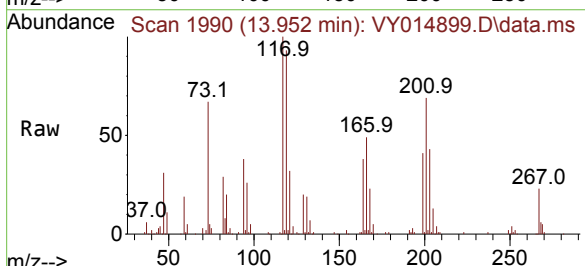
Acq: 28 Jul 2023 11:20

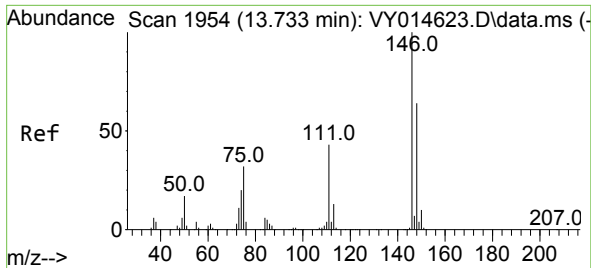
Tgt Ion: 117 Resp: 32985

Ion Ratio Lower Upper

117 100

201 73.5 41.6 124.8

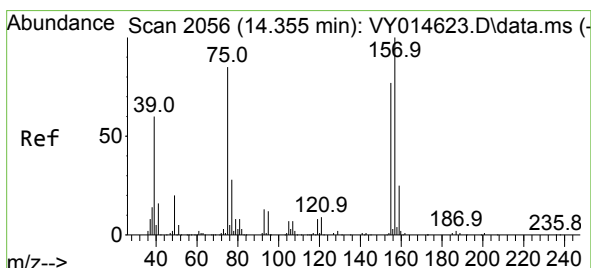
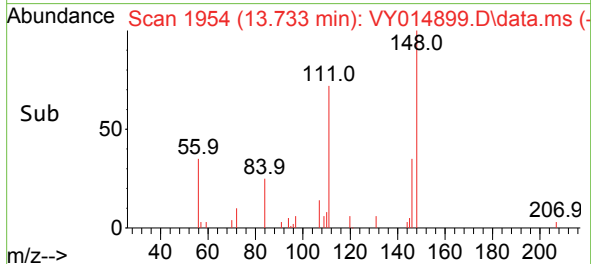
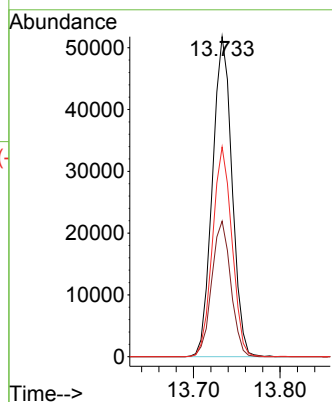
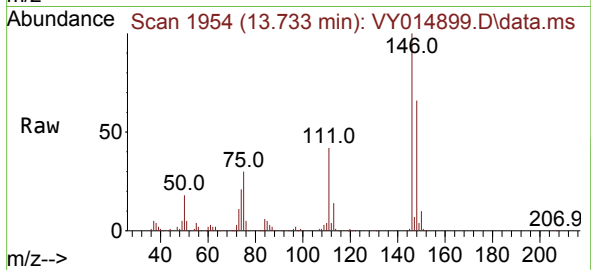




#91
1,2-Dichlorobenzene
Concen: 16.685 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

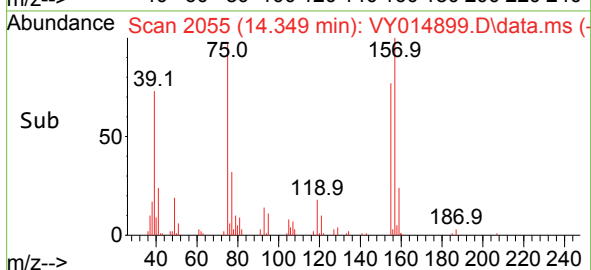
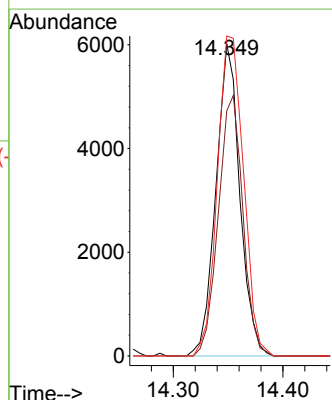
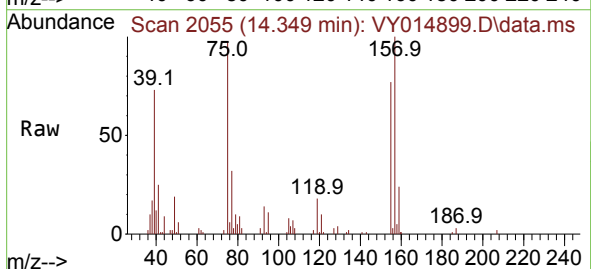
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

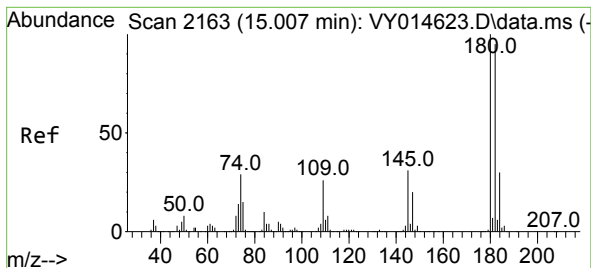
Tgt Ion:146 Resp: 81364
Ion Ratio Lower Upper
146 100
111 41.3 19.7 59.0
148 64.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.445 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 75 Resp: 9115
Ion Ratio Lower Upper
75 100
155 85.6 41.5 124.6
157 112.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 16.373 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

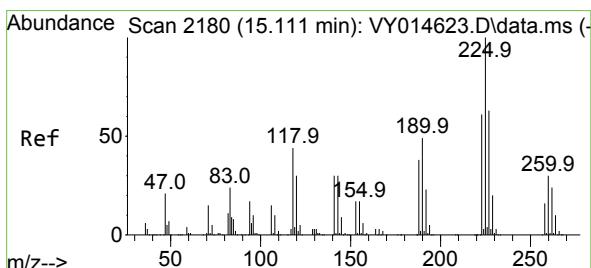
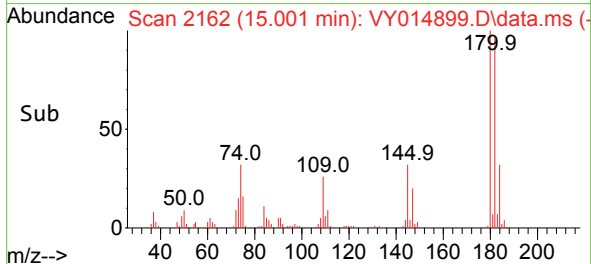
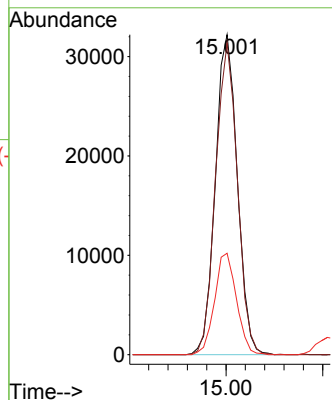
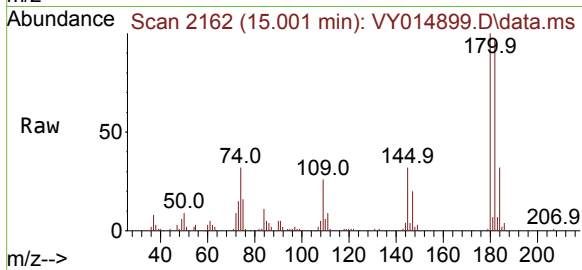
Tgt Ion:180 Resp: 50684

Ion Ratio Lower Upper

180 100

182 96.8 47.0 141.2

145 31.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 16.487 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

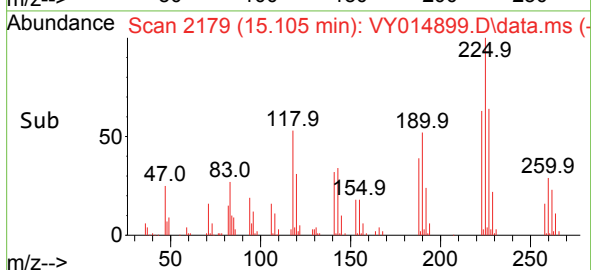
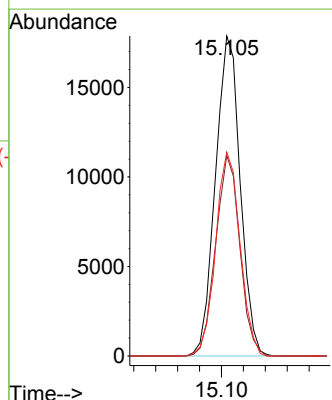
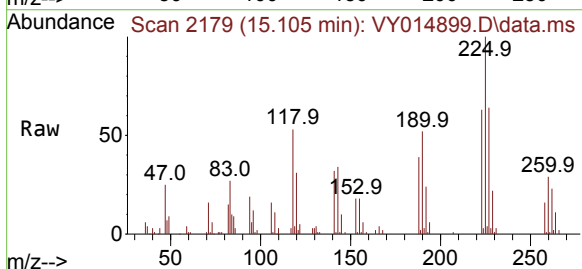
Tgt Ion:225 Resp: 28046

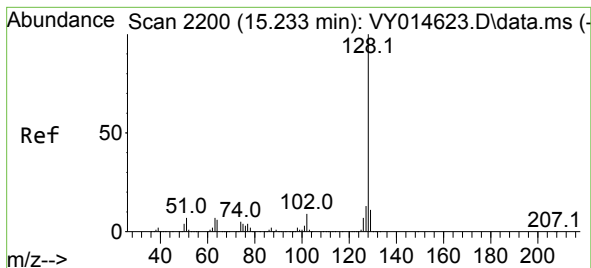
Ion Ratio Lower Upper

225 100

223 61.1 31.9 95.9

227 62.8 33.0 98.9





#95

Naphthalene

Concen: 17.442 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

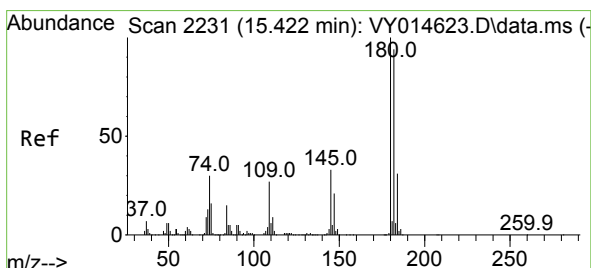
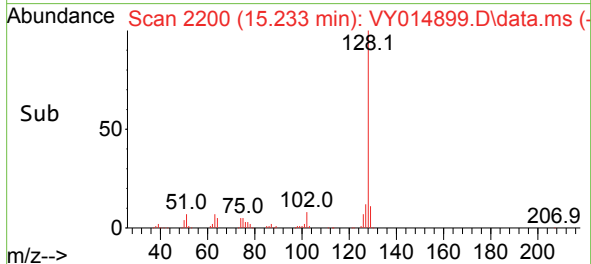
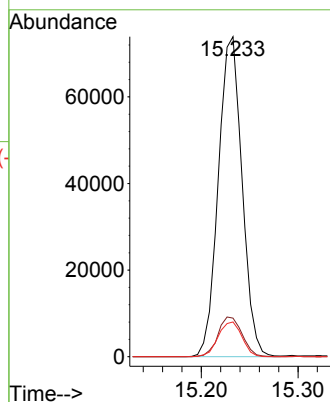
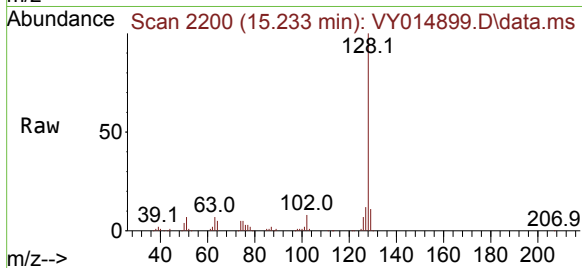
Tgt Ion:128 Resp: 125792

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.961 ug/l

RT: 15.416 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Tgt Ion:180 Resp: 46662

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 33.3 15.4 46.2

