

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014814.D
 Acq On : 25 Jul 2023 20:04
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 26 01:23:23 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	7.789	168	202195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	309018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155009	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	118481	51.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.840%	
35) Dibromofluoromethane	7.716	113	109935	49.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.940%	
50) Toluene-d8	10.179	98	386864	47.696	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.400%	
62) 4-Bromofluorobenzene	12.483	95	143269	46.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.140%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	63241	38.390	ug/l	99
3) Chloromethane	2.113	50	91699	49.521	ug/l	98
4) Vinyl Chloride	2.247	62	108033	52.202	ug/l	94
5) Bromomethane	2.643	94	88232	64.514	ug/l	100
6) Chloroethane	2.790	64	74571	57.686	ug/l	97
7) Trichlorofluoromethane	3.119	101	159767	45.966	ug/l	98
8) Diethyl Ether	3.534	74	60366	46.679	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	95260	44.715	ug/l	94
10) Methyl Iodide	4.088	142	86287	38.766	ug/l	97
11) Tert butyl alcohol	4.954	59	100567	206.686	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	88064	44.229	ug/l	90
13) Acrolein	3.729	56	44738	185.771	ug/l	99
14) Allyl chloride	4.479	41	145711	41.216	ug/l	97
15) Acrylonitrile	5.167	53	181492	254.501	ug/l	98
16) Acetone	3.948	43	145555	199.353	ug/l	93
17) Carbon Disulfide	4.192	76	223666	39.236	ug/l	98
18) Methyl Acetate	4.479	43	152849	54.551	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	316040	48.863	ug/l	99
20) Methylene Chloride	4.716	84	111826	46.883	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	102749	45.472	ug/l	92
22) Diisopropyl ether	6.118	45	336597	46.830	ug/l	94
23) Vinyl Acetate	6.057	43	979888	227.813	ug/l	95
24) 1,1-Dichloroethane	6.015	63	192349	46.770	ug/l	97
25) 2-Butanone	6.984	43	252614	236.489	ug/l	96
26) 2,2-Dichloropropane	6.984	77	151319	38.606	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	127313	48.405	ug/l	93
28) Bromochloromethane	7.338	49	86194	48.663	ug/l	94
29) Tetrahydrofuran	7.350	42	167598	254.809	ug/l	92
30) Chloroform	7.508	83	206418	48.672	ug/l	97
31) Cyclohexane	7.783	56	149550	39.100	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	179760	47.095	ug/l	99
36) 1,1-Dichloropropene	7.917	75	143047	43.478	ug/l	99
37) Ethyl Acetate	7.076	43	105028	46.366	ug/l #	95
38) Carbon Tetrachloride	7.899	117	155869	44.817	ug/l	97
39) Methylcyclohexane	9.185	83	173452	40.466	ug/l	94
40) Benzene	8.161	78	428662	45.812	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014814.D
 Acq On : 25 Jul 2023 20:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 01:23:23 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)
41) Methacrylonitrile	7.344	41	152662	131.027	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	140813	47.522	ug/l	94
43) Isopropyl Acetate	8.271	43	200875	46.553	ug/l	97
44) Trichloroethene	8.941	130	119476	45.636	ug/l	99
45) 1,2-Dichloropropane	9.215	63	111755	45.738	ug/l	99
46) Dibromomethane	9.307	93	71158	48.006	ug/l	95
47) Bromodichloromethane	9.496	83	164821	47.179	ug/l	99
48) Methyl methacrylate	9.289	41	90135	46.422	ug/l	92
49) 1,4-Dioxane	9.295	88	23802	984.792	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	557989	246.291	ug/l	93
52) Toluene	10.246	92	273930	45.750	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	164481	43.043	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	180834	43.516	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	100480	48.665	ug/l	95
56) Ethyl methacrylate	10.508	69	147041	46.643	ug/l	90
57) 1,3-Dichloropropane	10.788	76	167542	47.046	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	355597	242.085	ug/l	94
59) 2-Hexanone	10.831	43	400303	242.289	ug/l	93
60) Dibromochloromethane	10.983	129	121646	48.053	ug/l	100
61) 1,2-Dibromoethane	11.087	107	96874	47.031	ug/l	99
64) Tetrachloroethene	10.721	164	120305	48.406	ug/l	96
65) Chlorobenzene	11.514	112	302613	45.954	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	120082	48.364	ug/l	98
67) Ethyl Benzene	11.593	91	537198	45.183	ug/l	98
68) m/p-Xylenes	11.703	106	409526	90.234	ug/l	97
69) o-Xylene	12.026	106	201353	45.550	ug/l	98
70) Styrene	12.044	104	344715	46.268	ug/l	97
71) Bromoform	12.209	173	81700	48.546	ug/l #	99
73) Isopropylbenzene	12.331	105	530832	43.736	ug/l	100
74) N-amyl acetate	12.142	43	173002	42.559	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	125810	45.454	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	163797	83.667	ug/l #	100
77) Bromobenzene	12.605	156	124974	45.108	ug/l	95
78) n-propylbenzene	12.672	91	632206	43.226	ug/l	99
79) 2-Chlorotoluene	12.758	91	362287	43.006	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	439347	43.344	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	39198	38.767	ug/l	97
82) 4-Chlorotoluene	12.855	91	373603	43.062	ug/l	100
83) tert-Butylbenzene	13.075	119	390076	43.382	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	439844	44.216	ug/l	99
85) sec-Butylbenzene	13.251	105	578462	43.856	ug/l	100
86) p-Isopropyltoluene	13.367	119	478989	44.477	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	247100	45.826	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	244312	45.215	ug/l	99
89) n-Butylbenzene	13.696	91	447564	42.717	ug/l	97
90) Hexachloroethane	13.959	117	94496	42.719	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	227761	46.103	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23783	44.931	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	138331	44.110	ug/l	98
94) Hexachlorobutadiene	15.111	225	74082	42.987	ug/l	99
95) Naphthalene	15.233	128	336935	46.116	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	124851	44.795	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014814.D
Acq On : 25 Jul 2023 20:04
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 26 01:23:23 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

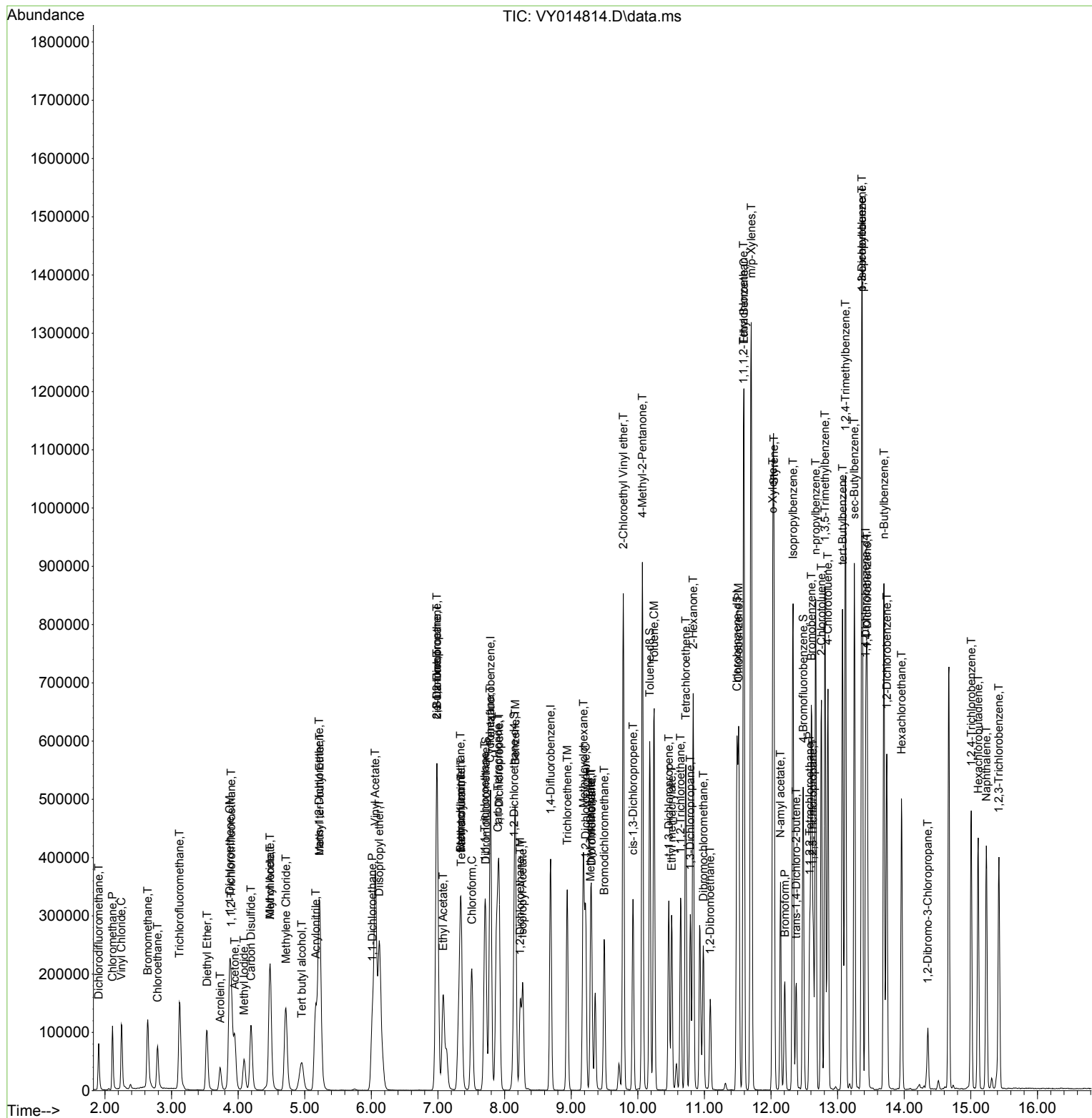
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

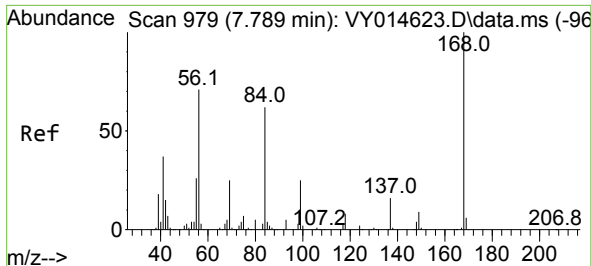
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014814.D
 Acq On : 25 Jul 2023 20:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 01:23:23 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

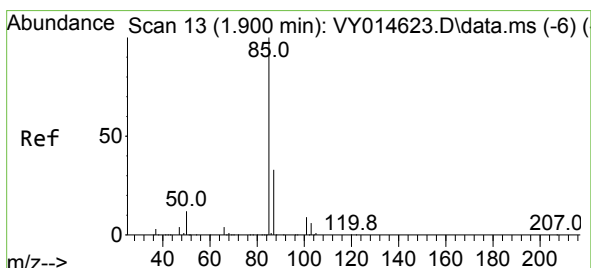
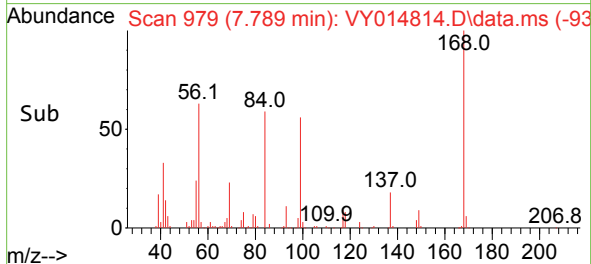
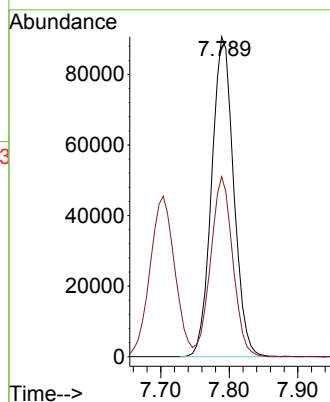
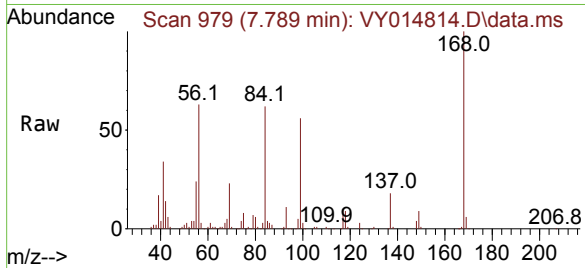




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

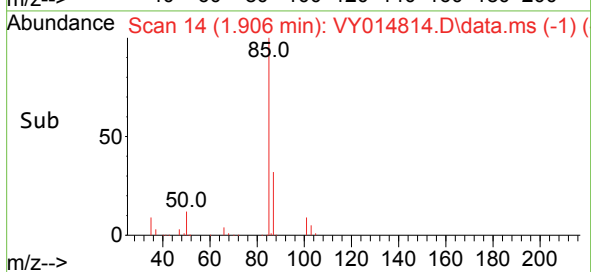
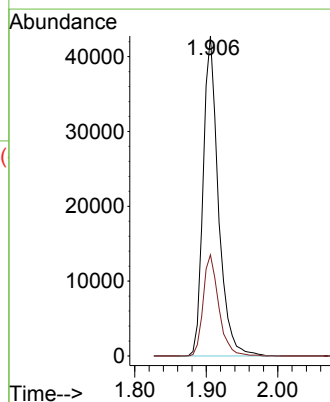
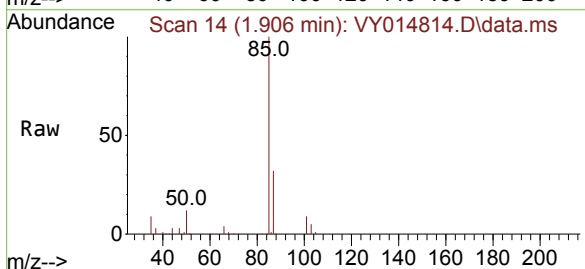
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

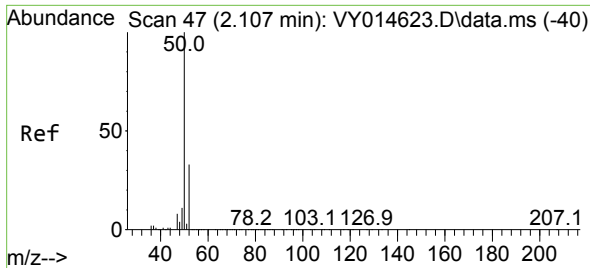
Tgt Ion:168 Resp: 202195
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 38.390 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 85 Resp: 63241
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.8

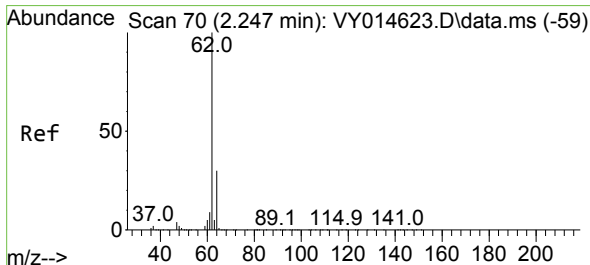
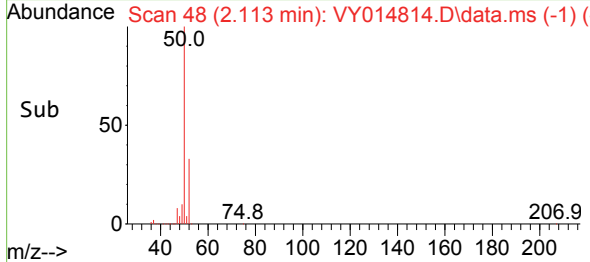
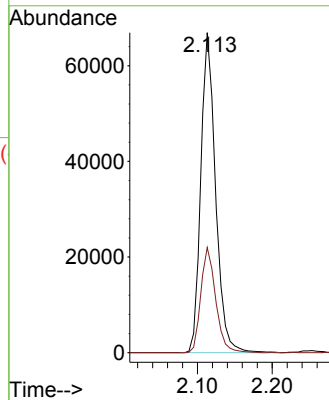
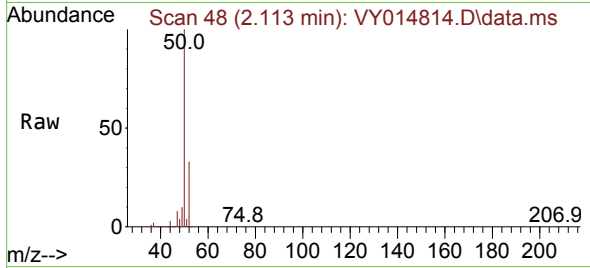




#3
Chloromethane
Concen: 49.521 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

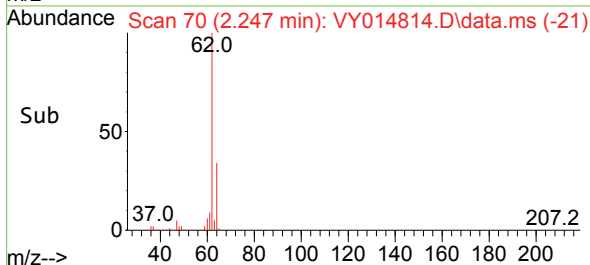
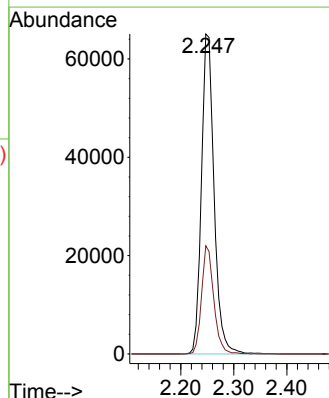
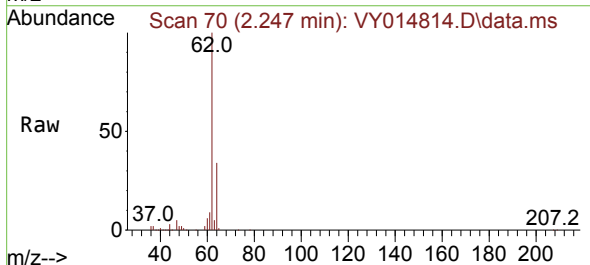
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

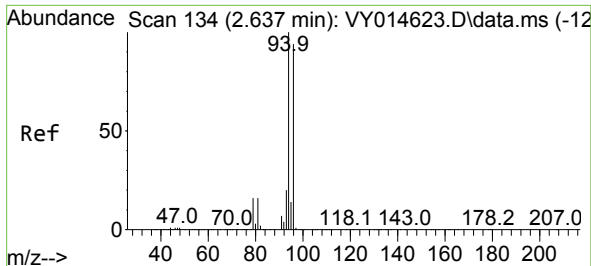
Tgt Ion: 50 Resp: 91699
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 52.202 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 62 Resp: 108033
Ion Ratio Lower Upper
62 100
64 33.8 24.3 36.5

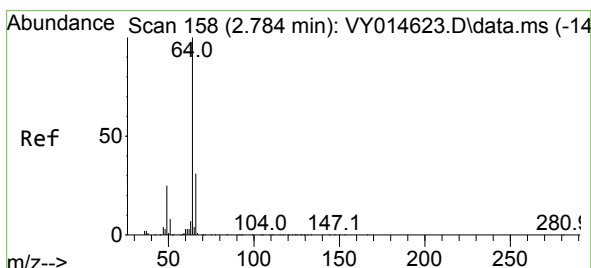
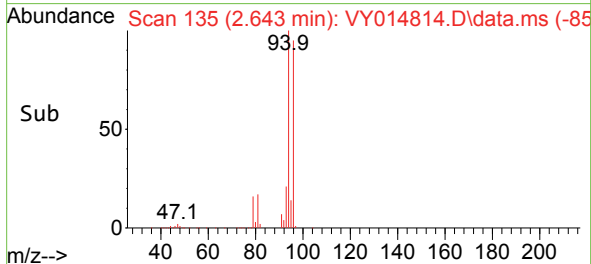
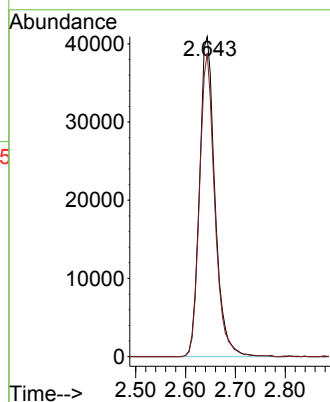
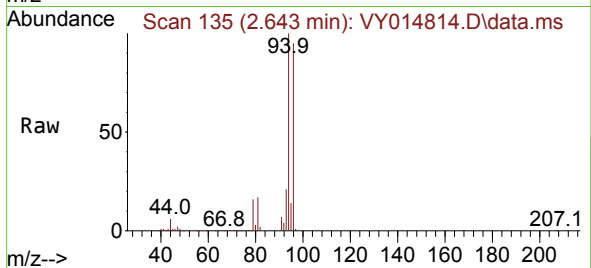




#5
Bromomethane
Concen: 64.514 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

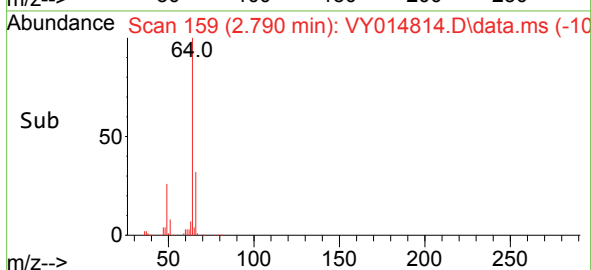
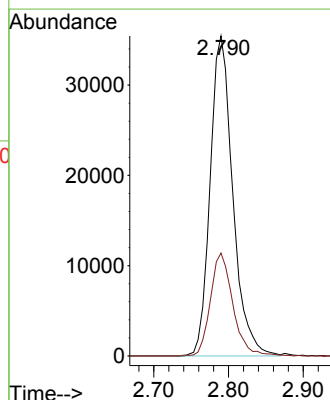
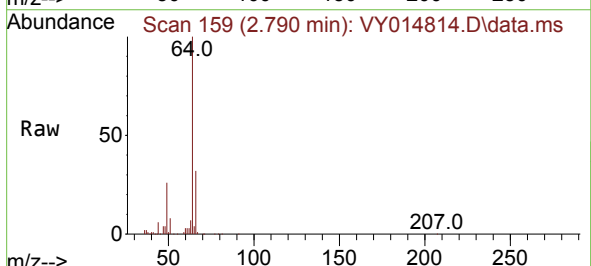
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

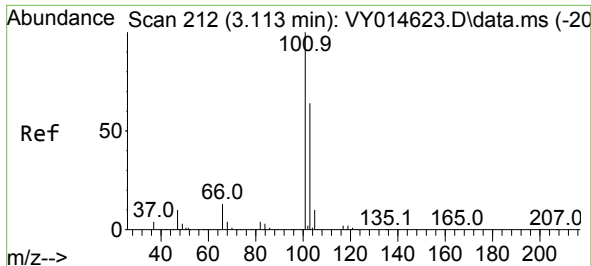
Tgt Ion: 94 Resp: 88232
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6



#6
Chloroethane
Concen: 57.686 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 64 Resp: 74571
Ion Ratio Lower Upper
64 100
66 32.2 24.4 36.6

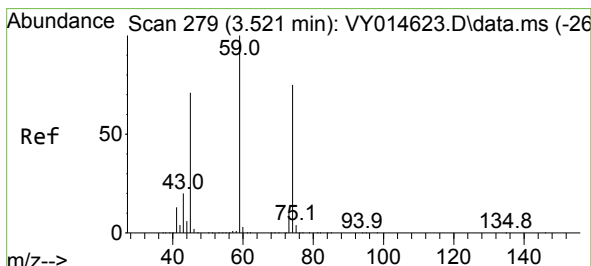
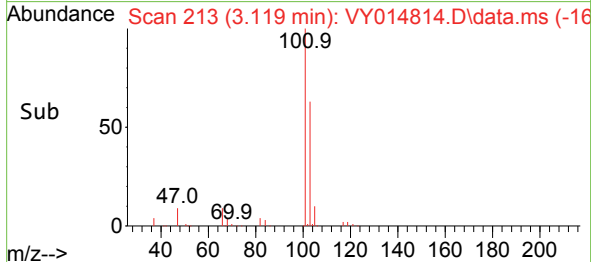
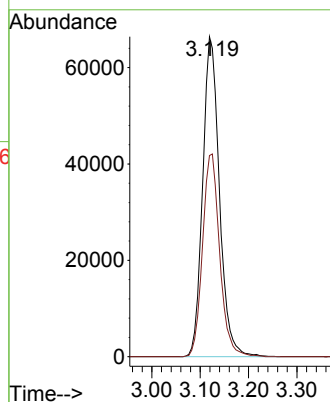
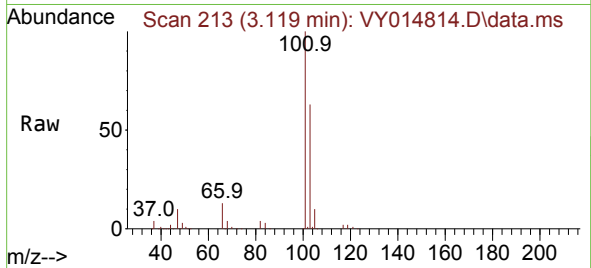




#7
Trichlorofluoromethane
Concen: 45.966 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

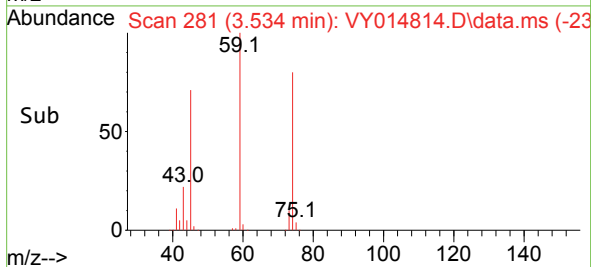
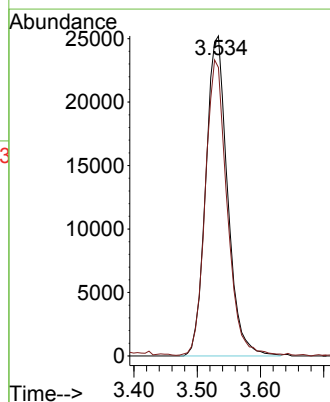
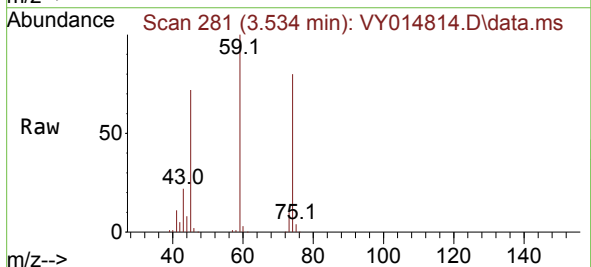
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

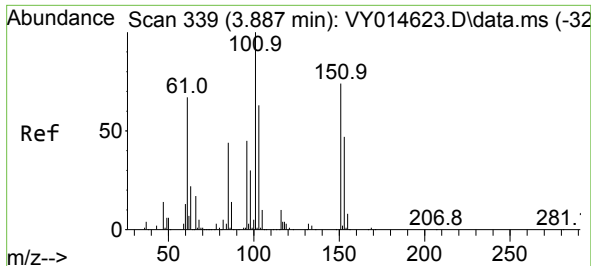
Tgt Ion:101 Resp: 159767
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.0



#8
Diethyl Ether
Concen: 46.679 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.013 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 74 Resp: 60366
Ion Ratio Lower Upper
74 100
45 92.1 51.5 154.5

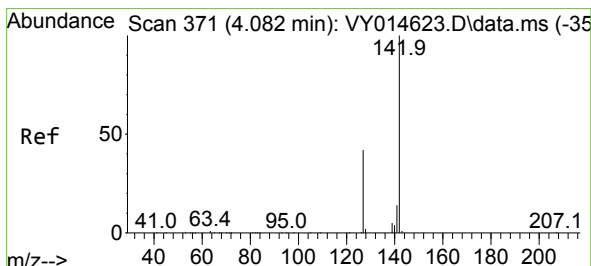
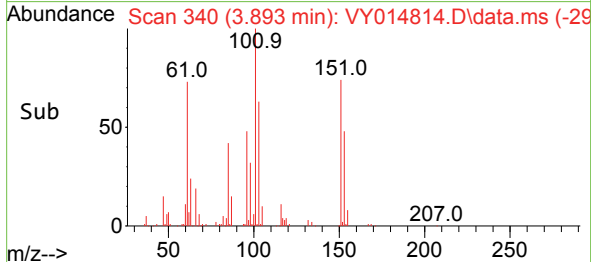
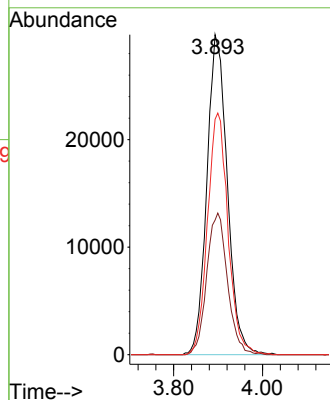
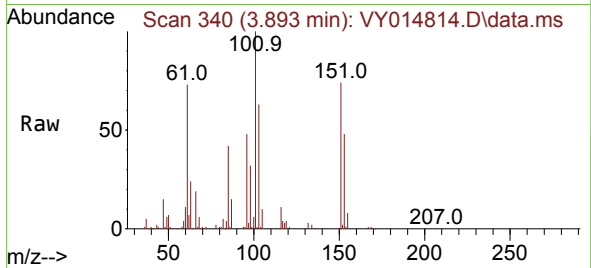




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.715 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

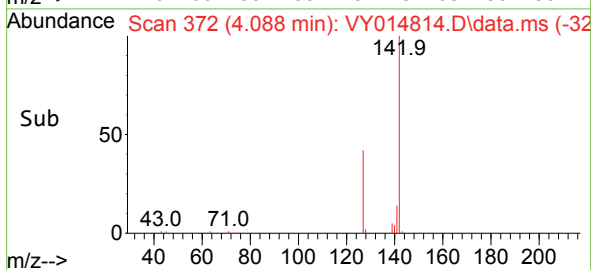
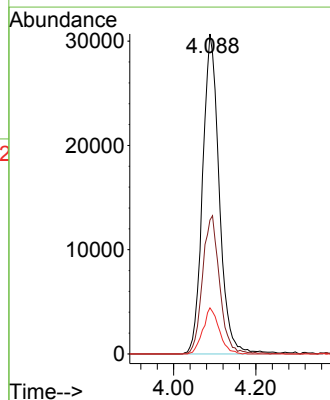
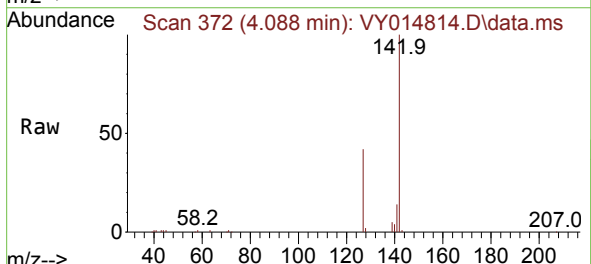
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

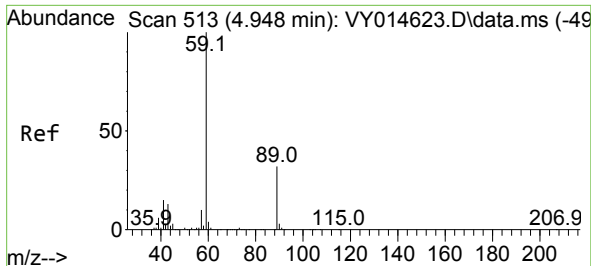
Tgt Ion:101 Resp: 95260
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 75.7 67.0 100.6



#10
Methyl Iodide
Concen: 38.766 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion:142 Resp: 86287
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.1 11.8 17.8

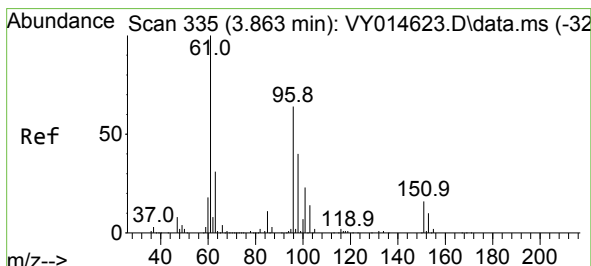
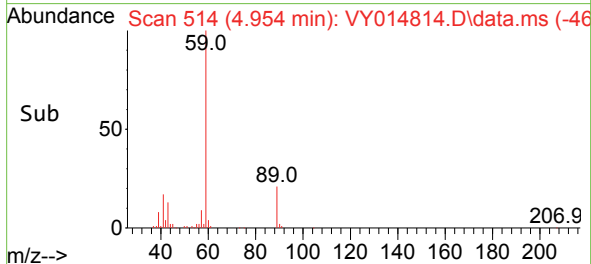
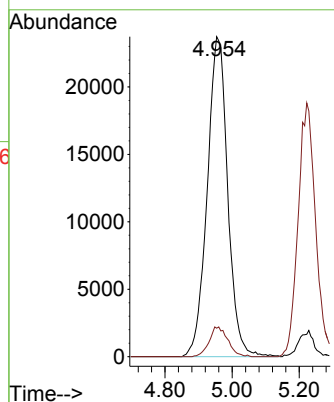
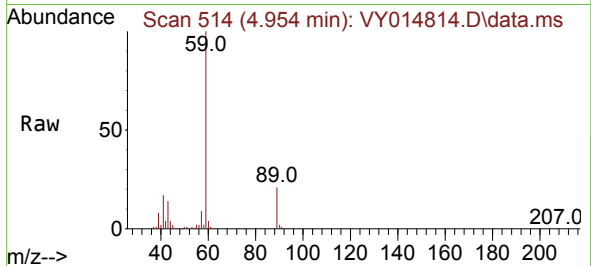




#11
Tert butyl alcohol
Concen: 206.686 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

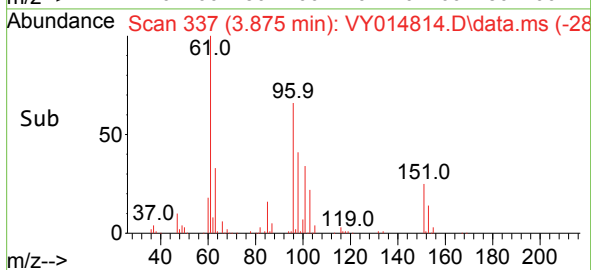
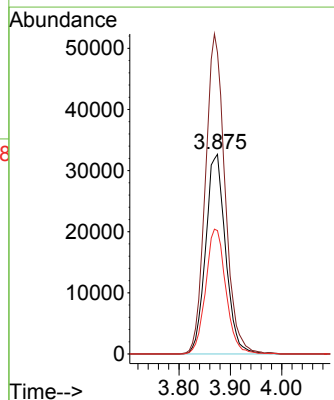
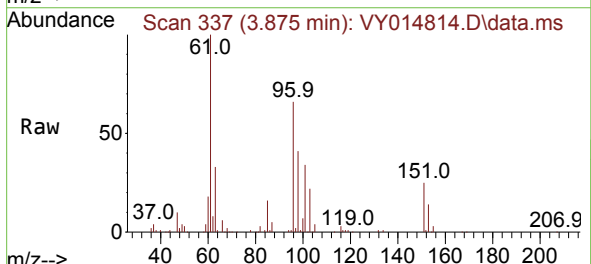
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

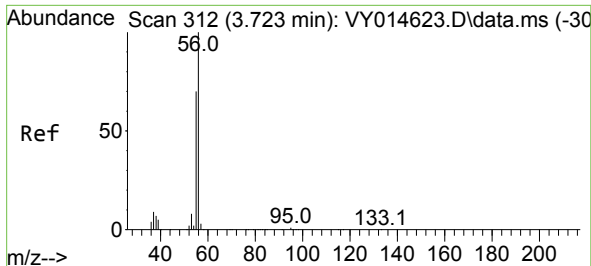
Tgt Ion: 59 Resp: 100567
Ion Ratio Lower Upper
59 100
57 8.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 44.229 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 96 Resp: 88064
Ion Ratio Lower Upper
96 100
61 150.9 136.4 204.6
98 61.8 49.4 74.2

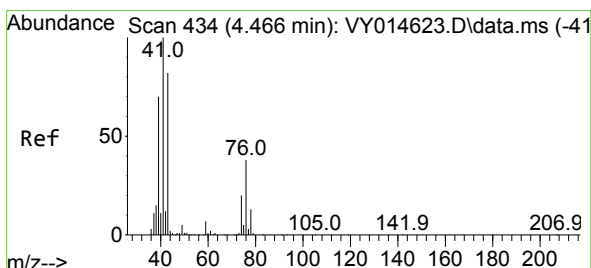
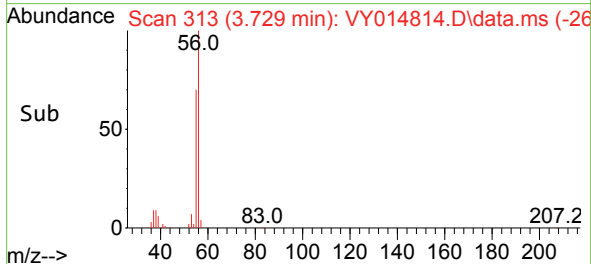
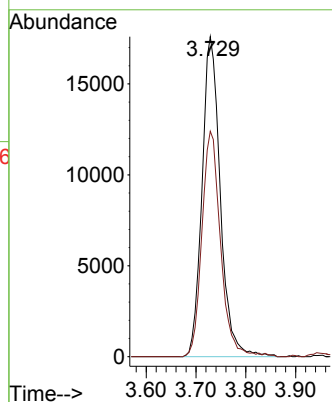
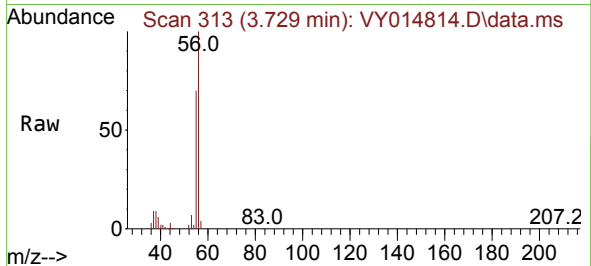




#13
Acrolein
Concen: 185.771 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

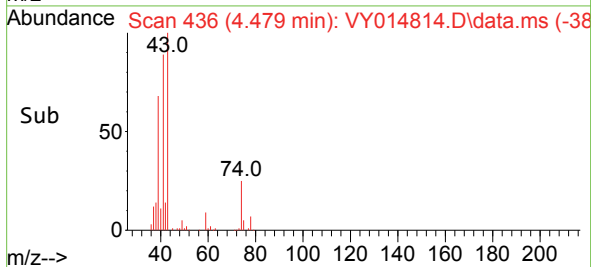
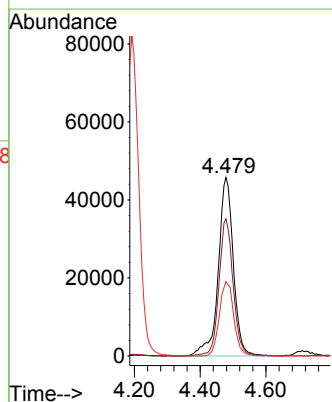
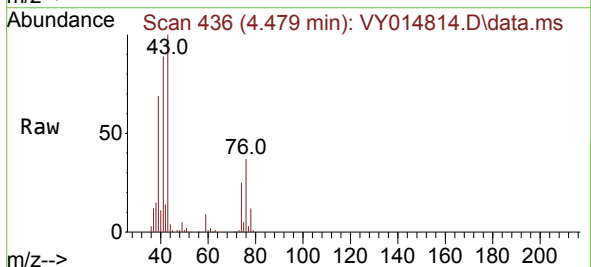
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

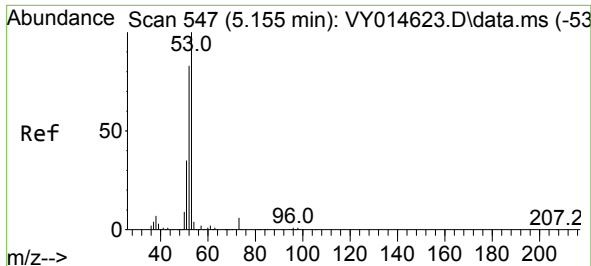
Tgt Ion: 56 Resp: 44738
Ion Ratio Lower Upper
56 100
55 72.1 57.0 85.4



#14
Allyl chloride
Concen: 41.216 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 41 Resp: 145711
Ion Ratio Lower Upper
41 100
39 72.1 58.0 87.0
76 39.7 27.4 41.2

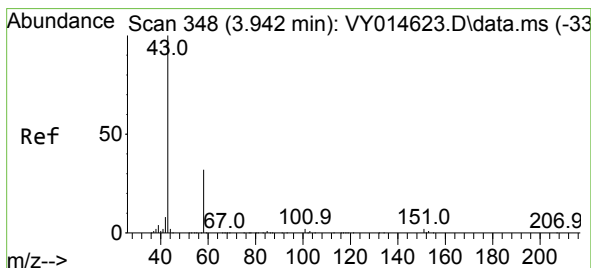
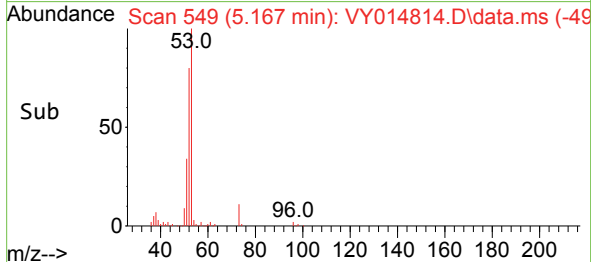
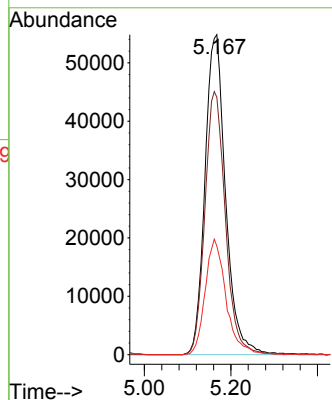
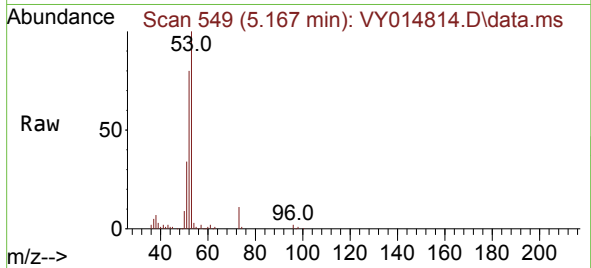




#15
Acrylonitrile
Concen: 254.501 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

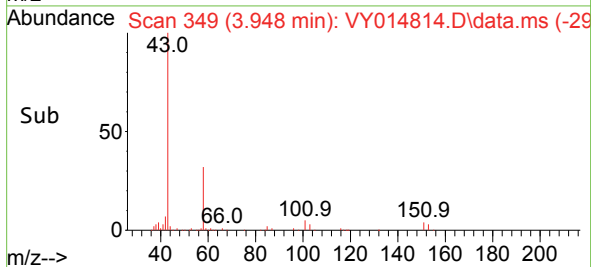
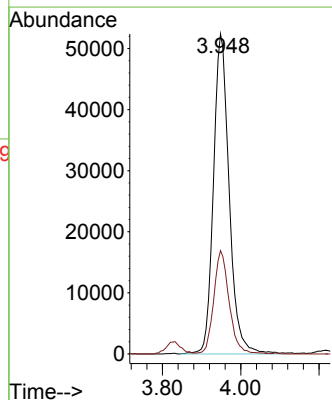
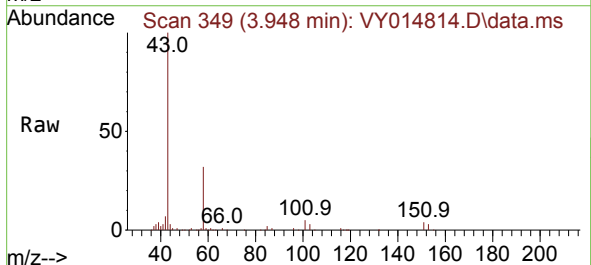
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

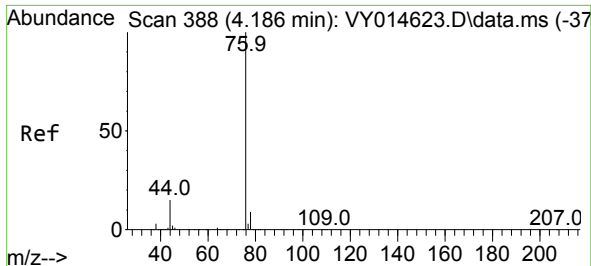
Tgt Ion: 53 Resp: 181492
Ion Ratio Lower Upper
53 100
52 81.7 66.9 100.3
51 36.7 29.8 44.6



#16
Acetone
Concen: 199.353 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 43 Resp: 145555
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1

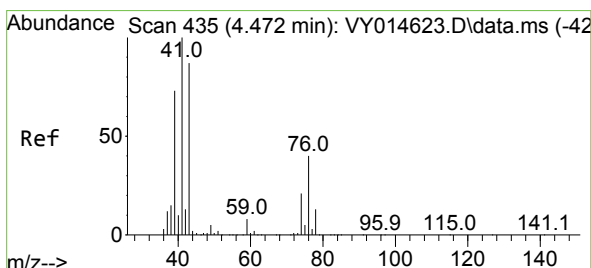
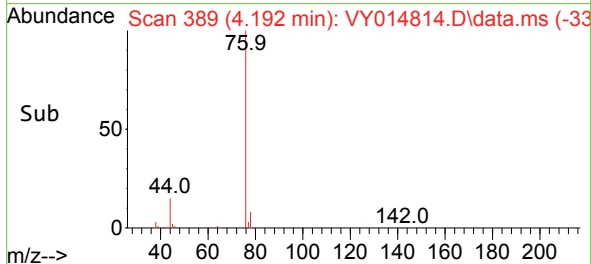
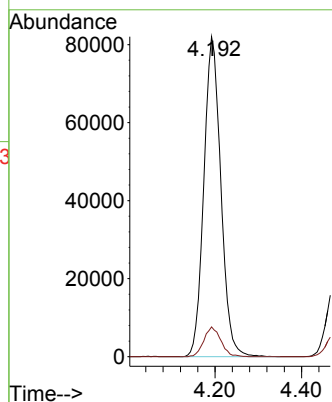
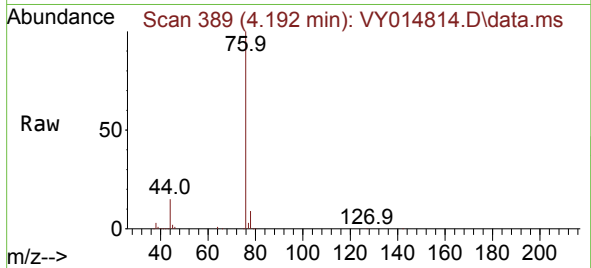




#17
Carbon Disulfide
Concen: 39.236 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

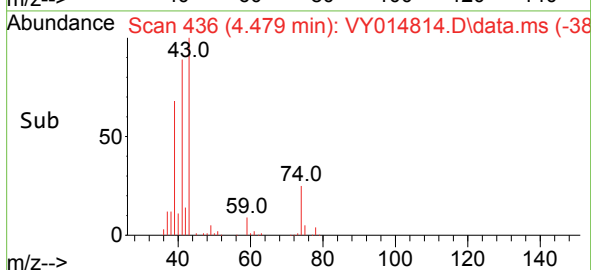
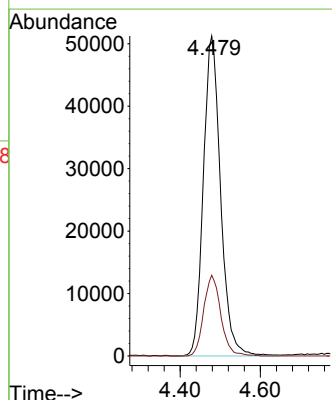
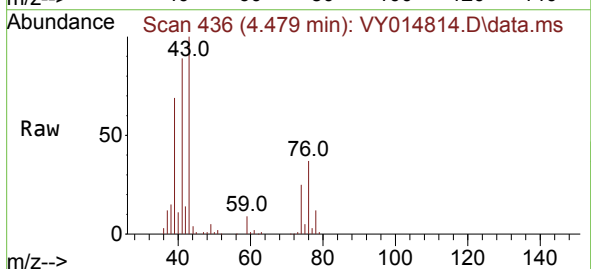
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

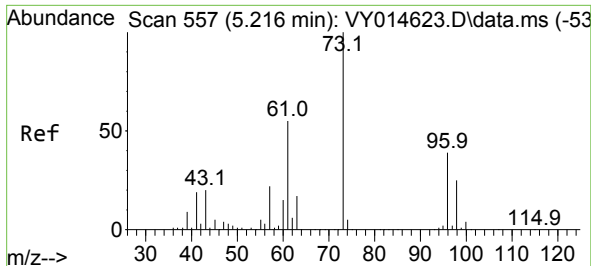
Tgt Ion: 76 Resp: 223666
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 54.551 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 43 Resp: 152849
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 48.863 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

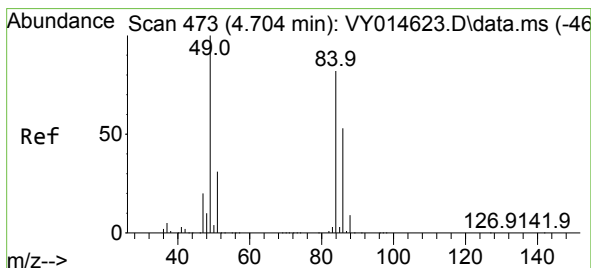
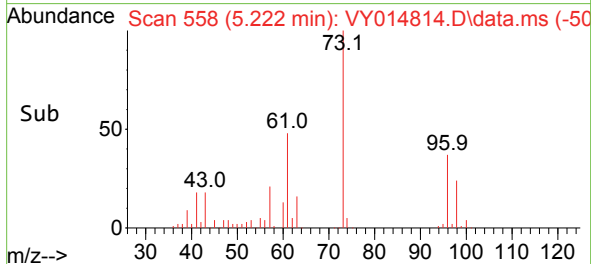
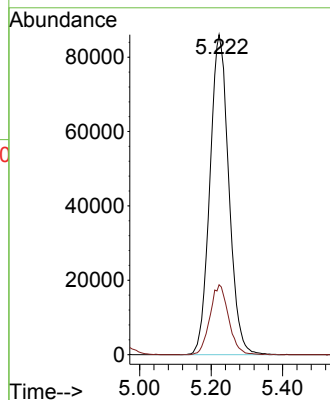
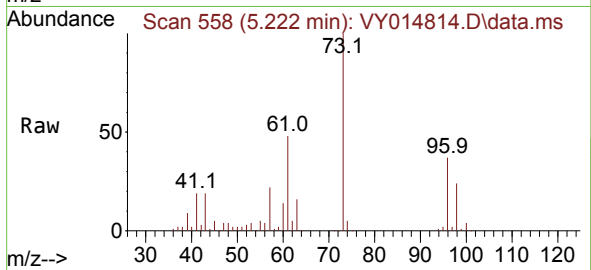
VSTDCCC050EC

Tgt Ion: 73 Resp: 316040

Ion Ratio Lower Upper

73 100

57 21.9 17.3 25.9



#20

Methylene Chloride

Concen: 46.883 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Tgt Ion: 84 Resp: 111826

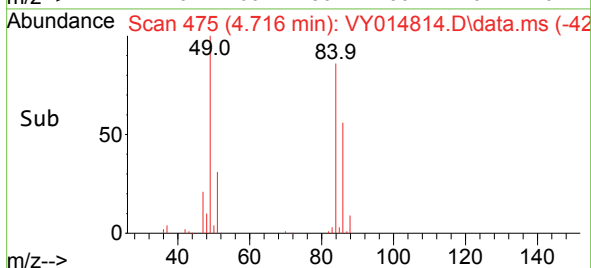
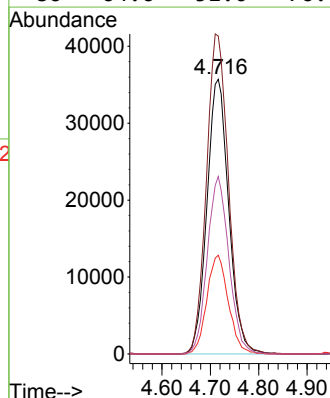
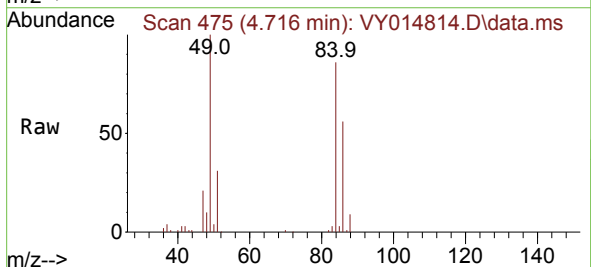
Ion Ratio Lower Upper

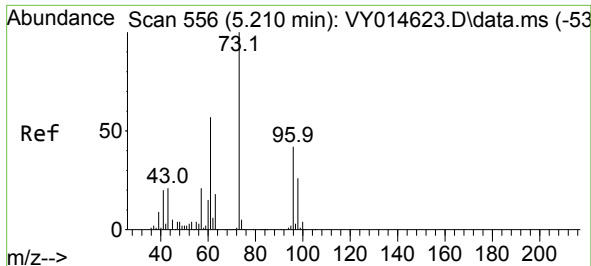
84 100

49 115.7 106.9 160.3

51 36.0 33.2 49.8

86 64.6 51.0 76.6

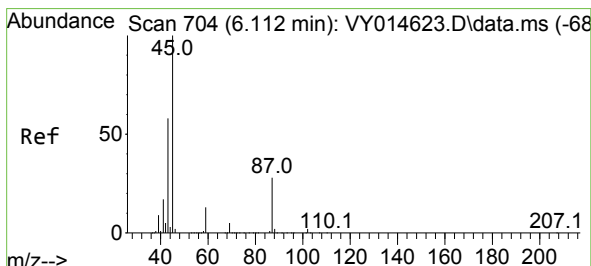
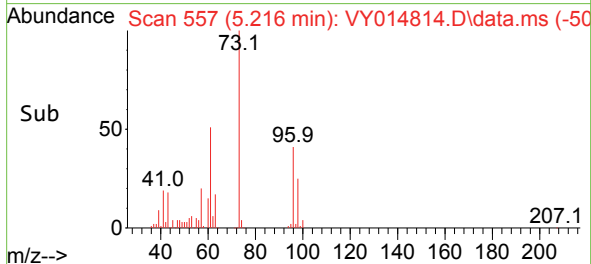
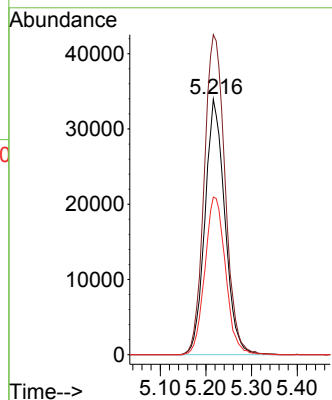
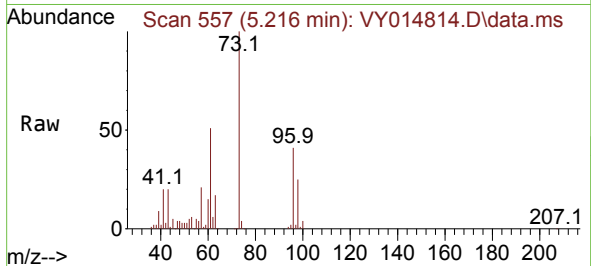




#21
trans-1,2-Dichloroethene
Concen: 45.472 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

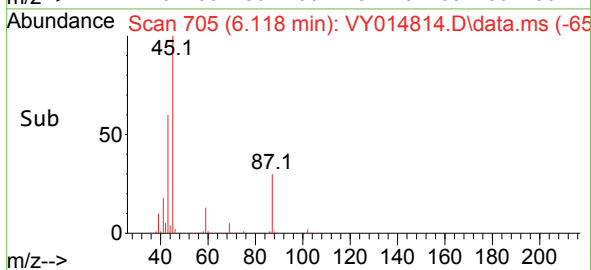
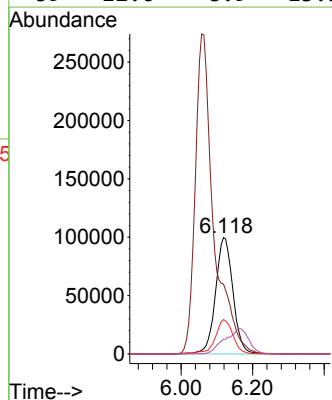
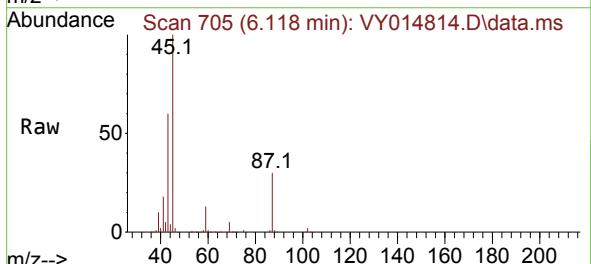
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

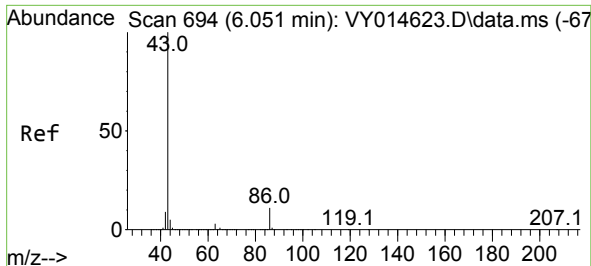
Tgt Ion: 96 Resp: 102749
Ion Ratio Lower Upper
96 100
61 125.2 110.2 165.4
98 61.7 51.8 77.6



#22
Diisopropyl ether
Concen: 46.830 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 45 Resp: 336597
Ion Ratio Lower Upper
45 100
43 59.9 52.2 78.4
87 29.5 21.0 31.6
59 12.6 8.9 13.3

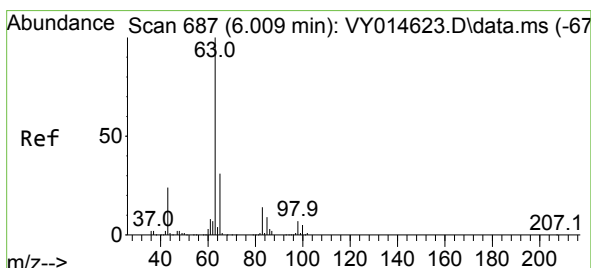
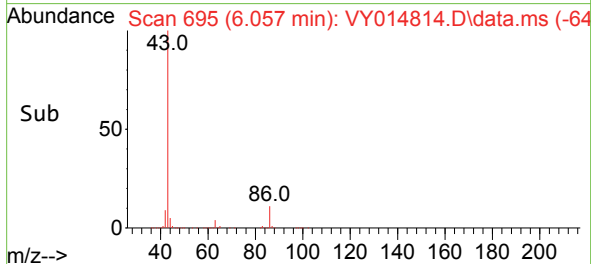
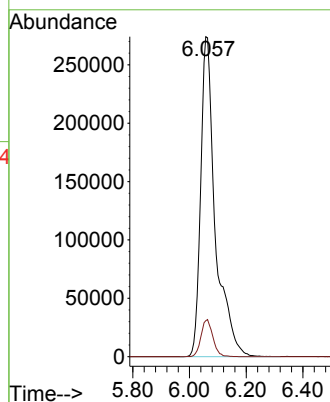
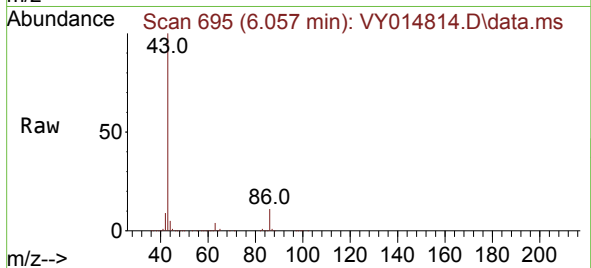




#23
 Vinyl Acetate
 Concen: 227.813 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY014814.D
 Acq: 25 Jul 2023 20:04

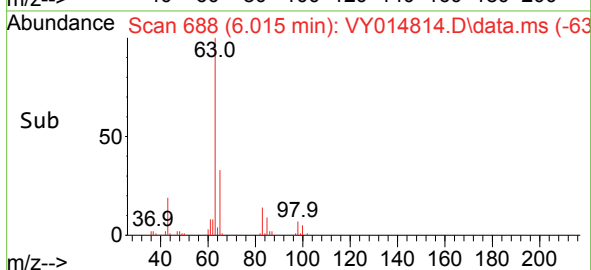
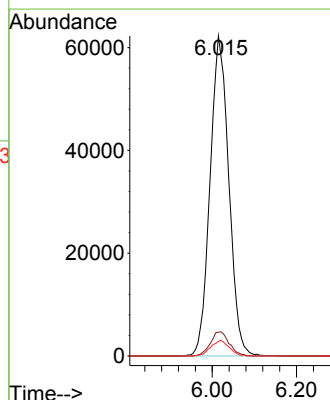
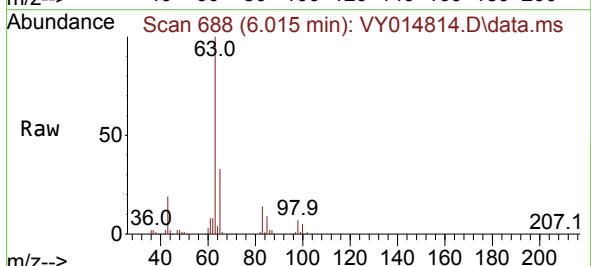
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

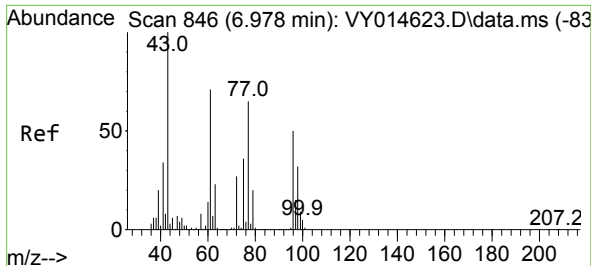
Tgt Ion: 43 Resp: 979888
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 46.770 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014814.D
 Acq: 25 Jul 2023 20:04

Tgt Ion: 63 Resp: 192349
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.6 1.8 5.5

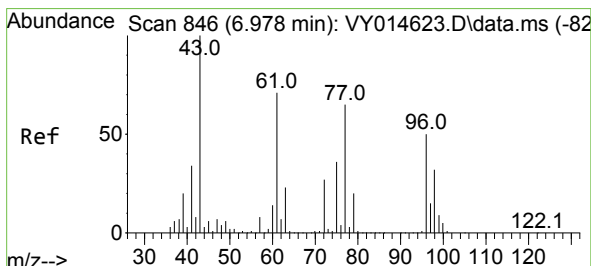
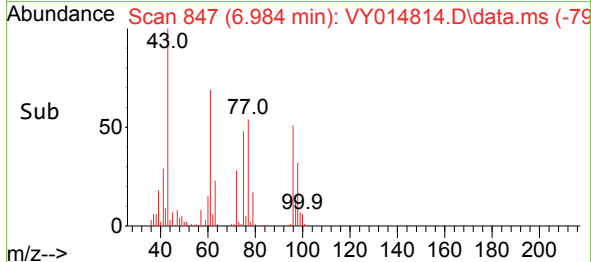
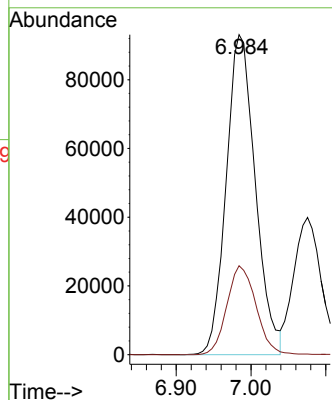
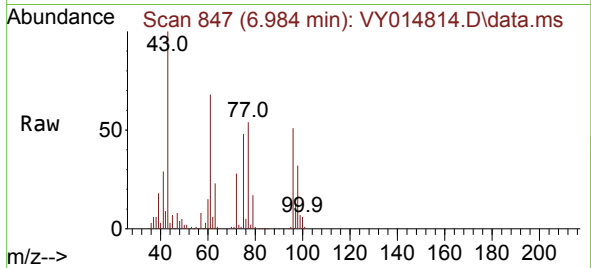




#25
2-Butanone
Concen: 236.489 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

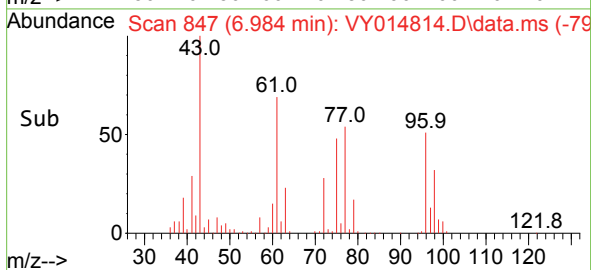
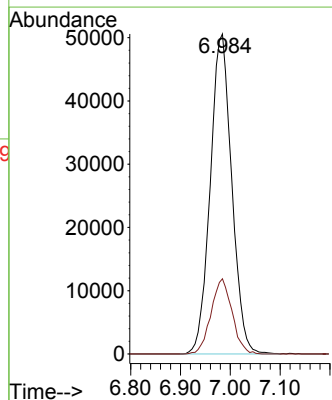
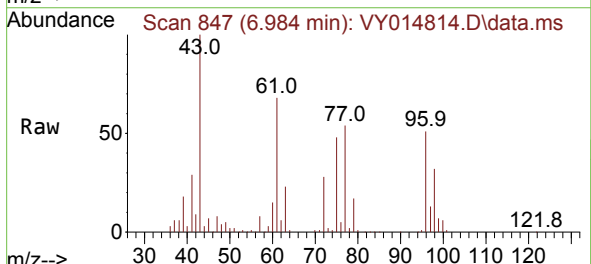
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

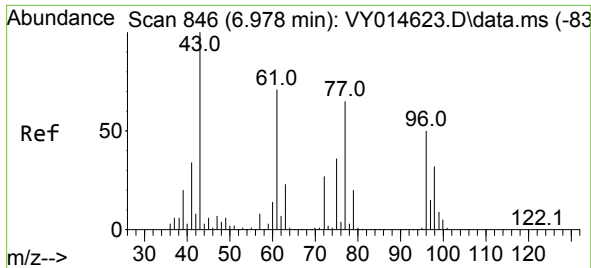
Tgt Ion: 43 Resp: 252614
Ion Ratio Lower Upper
43 100
72 27.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 38.606 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 77 Resp: 151319
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9

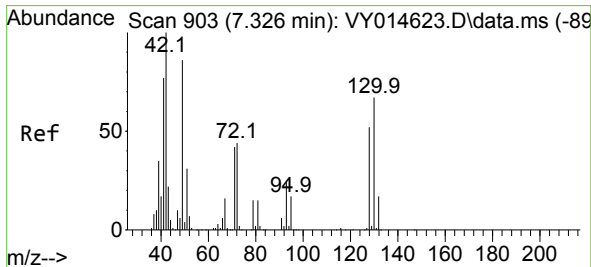
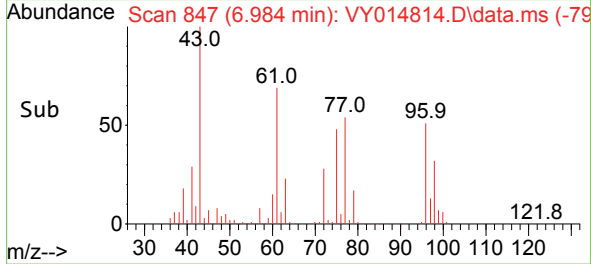
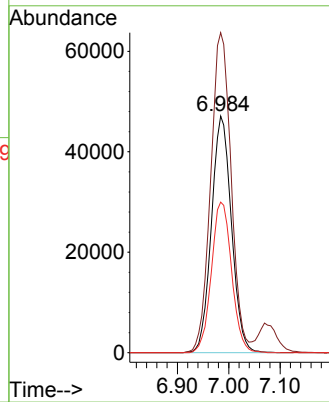
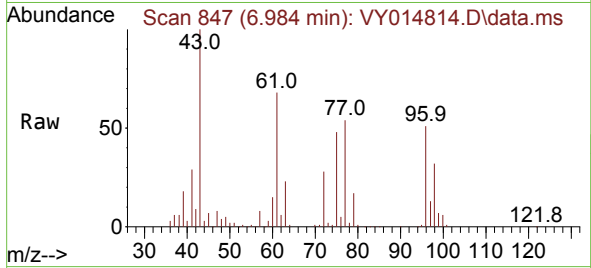




#27
 cis-1,2-Dichloroethene
 Concen: 48.405 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY014814.D
 Acq: 25 Jul 2023 20:04

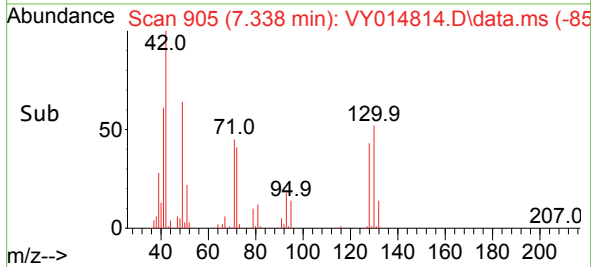
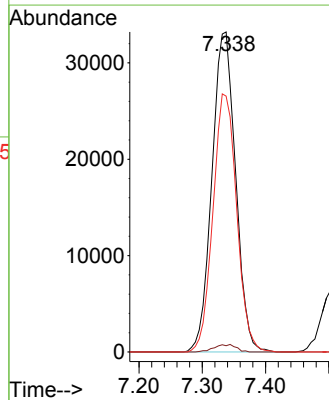
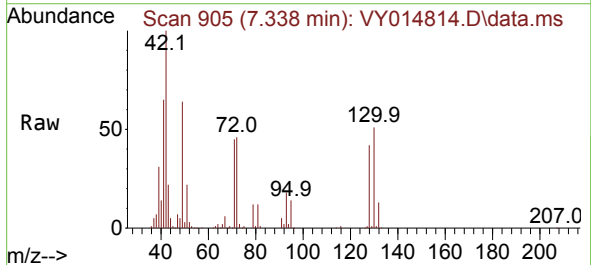
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

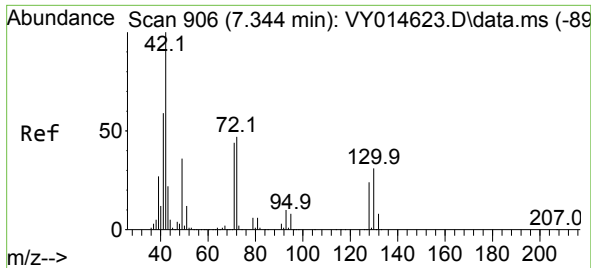
Tgt Ion: 96 Resp: 127313
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 301.4
 98 64.4 0.0 130.4



#28
 Bromochloromethane
 Concen: 48.663 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.012 min
 Lab File: VY014814.D
 Acq: 25 Jul 2023 20:04

Tgt Ion: 49 Resp: 86194
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 80.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 254.809 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

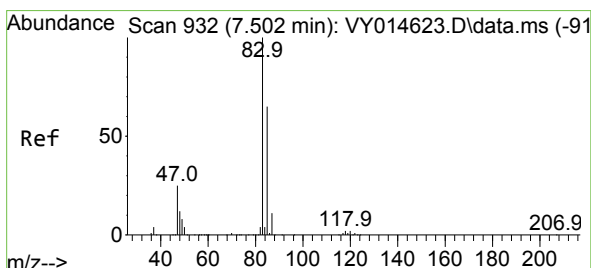
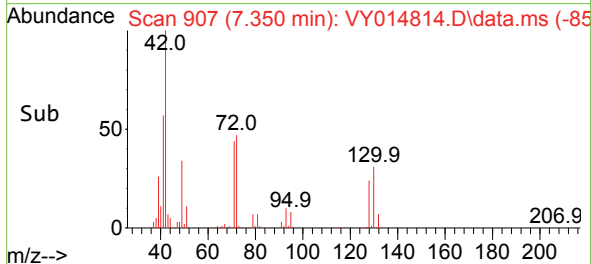
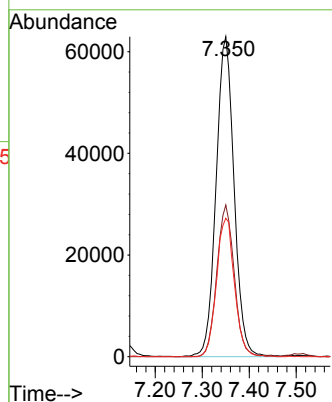
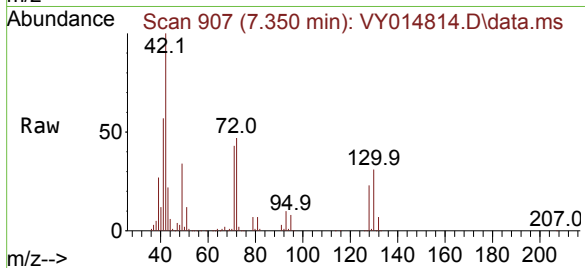
Tgt Ion: 42 Resp: 167598

Ion Ratio Lower Upper

42 100

72 46.1 32.8 49.2

71 43.1 31.0 46.4



#30

Chloroform

Concen: 48.672 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY014814.D

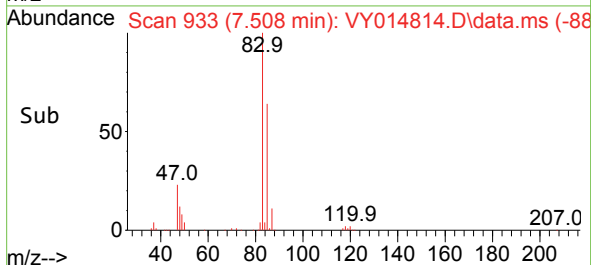
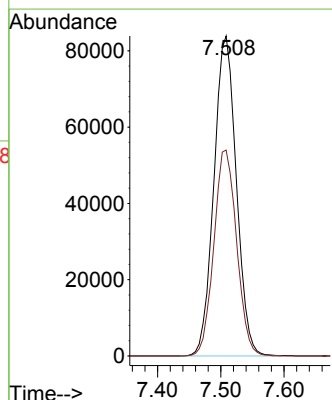
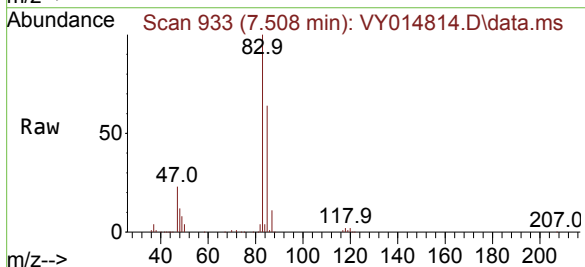
Acq: 25 Jul 2023 20:04

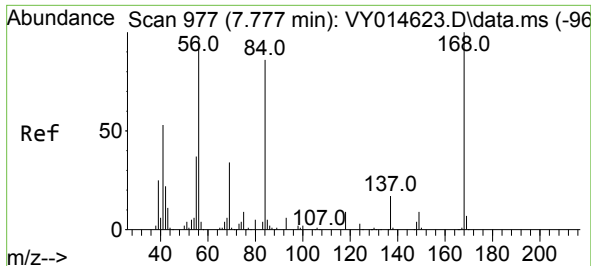
Tgt Ion: 83 Resp: 206418

Ion Ratio Lower Upper

83 100

85 64.3 49.7 74.5

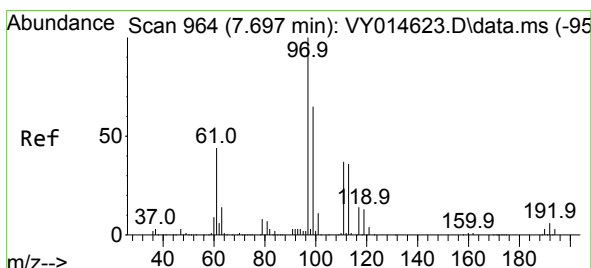
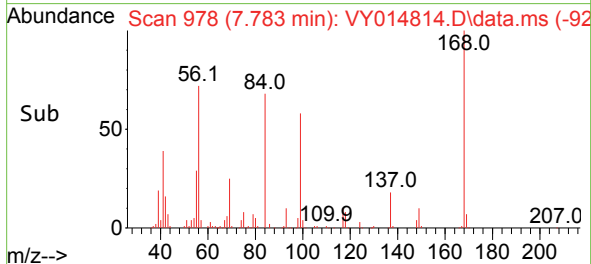
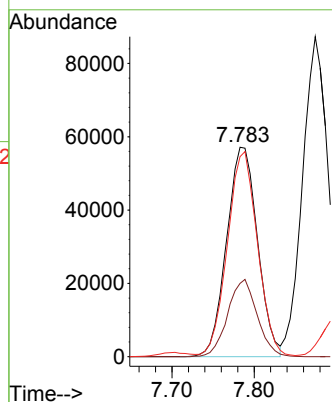
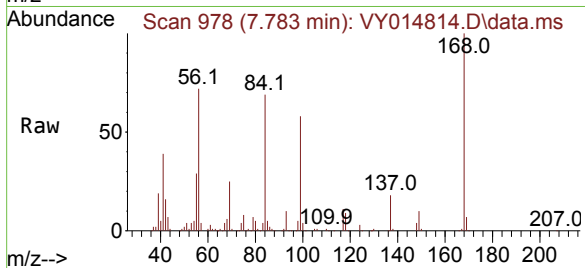




#31
Cyclohexane
Concen: 39.100 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

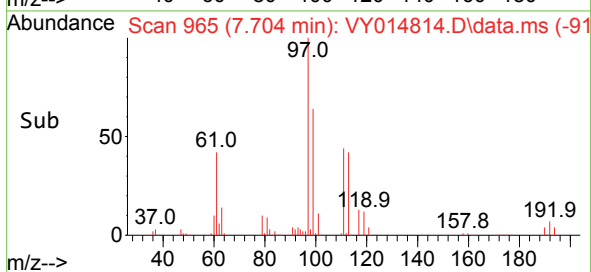
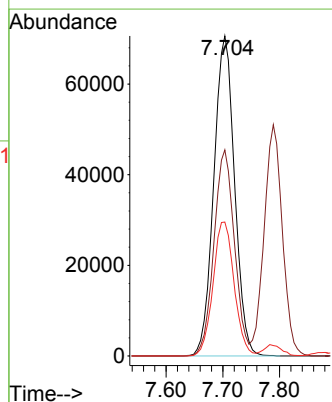
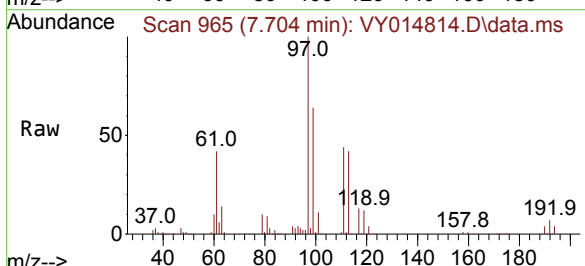
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

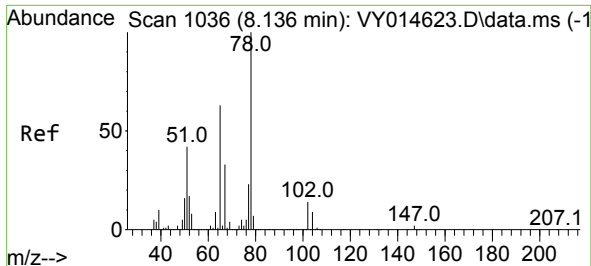
Tgt Ion: 56 Resp: 149550
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.6
84 93.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 47.095 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 97 Resp: 179760
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.422 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

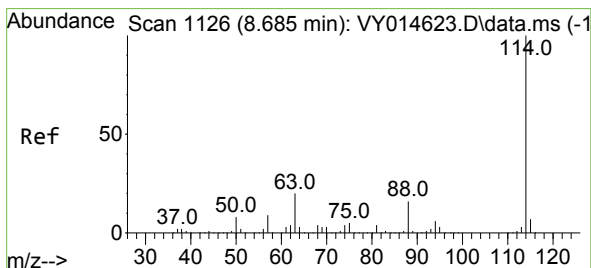
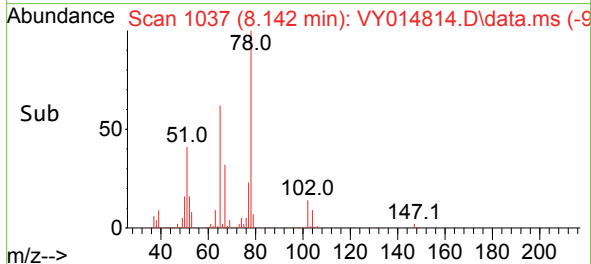
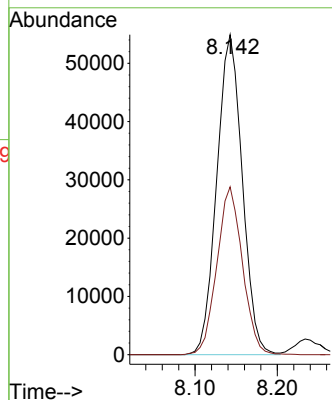
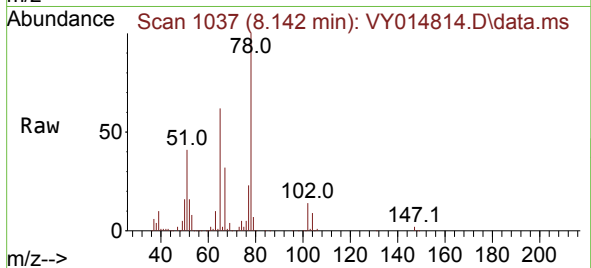
VSTDCCC050EC

Tgt Ion: 65 Resp: 118481

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

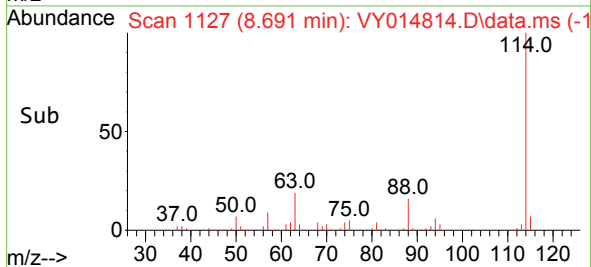
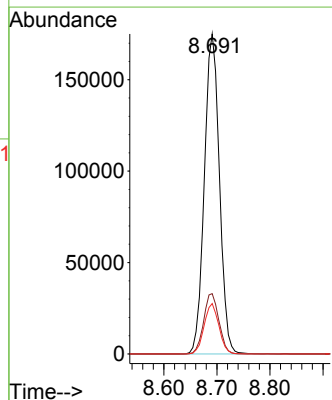
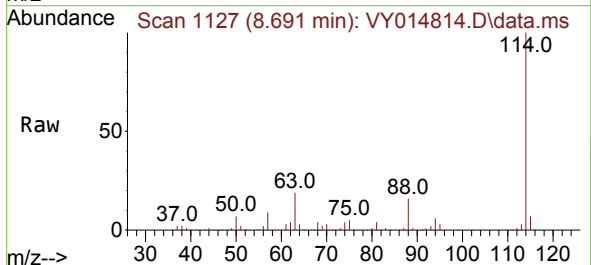
Tgt Ion: 114 Resp: 345602

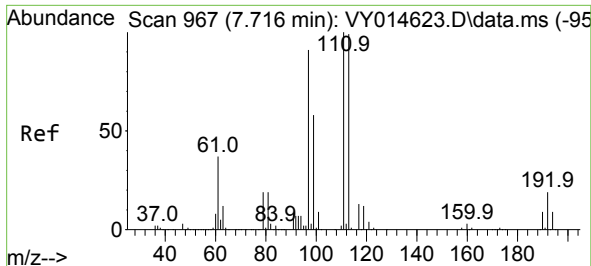
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.8 0.0 30.6

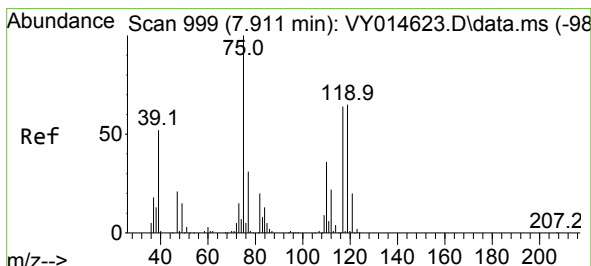
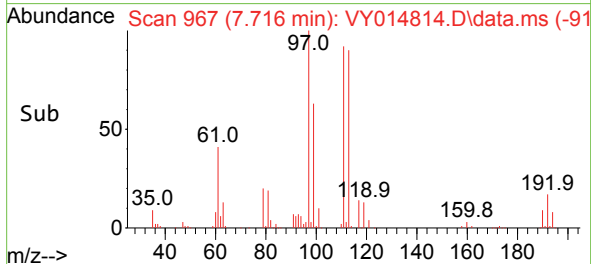
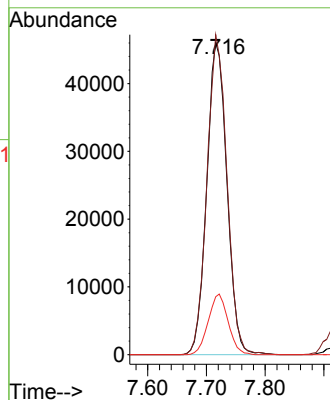
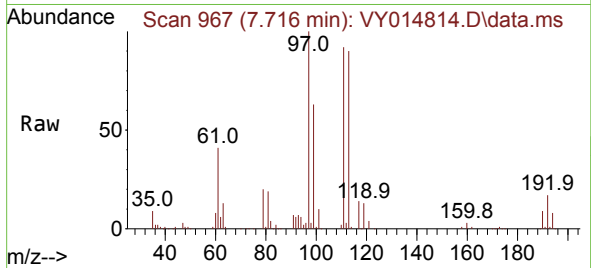




#35
Dibromofluoromethane
Concen: 49.970 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

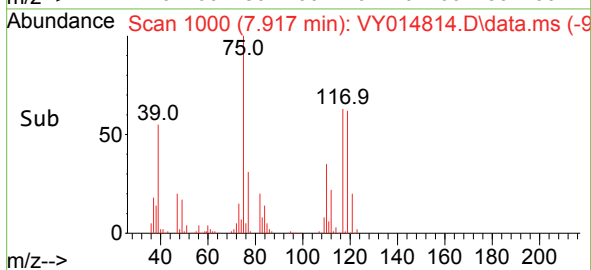
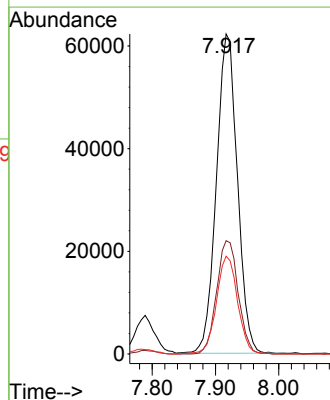
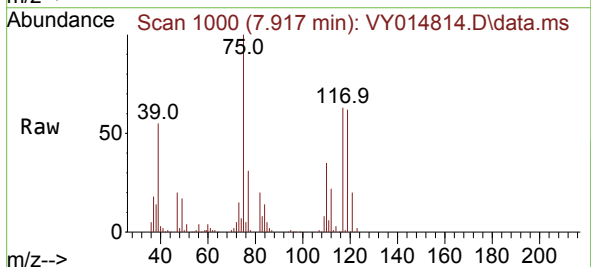
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

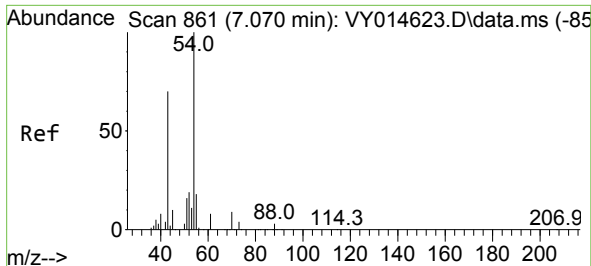
Tgt Ion:113 Resp: 109935
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 43.478 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 75 Resp: 143047
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 46.366 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

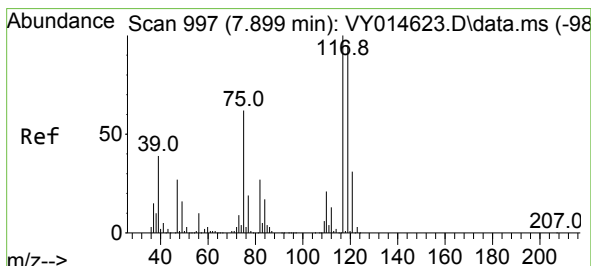
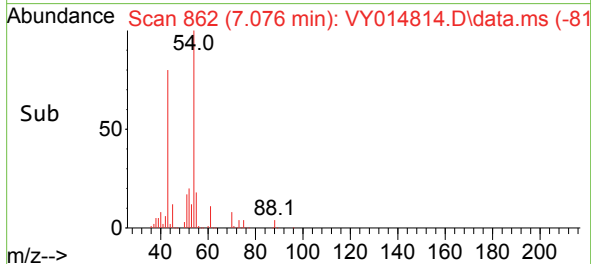
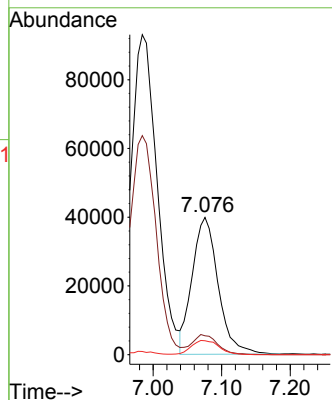
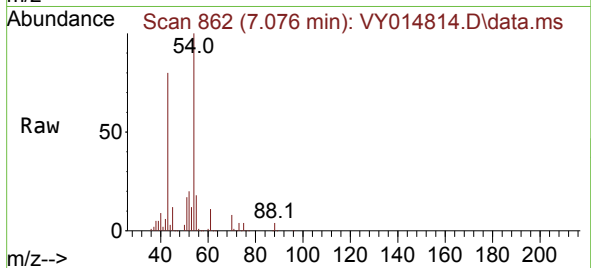
Tgt Ion: 43 Resp: 105028

Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 44.817 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

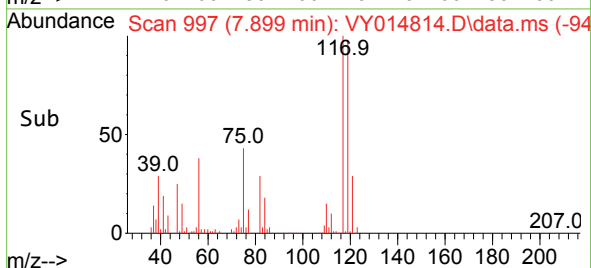
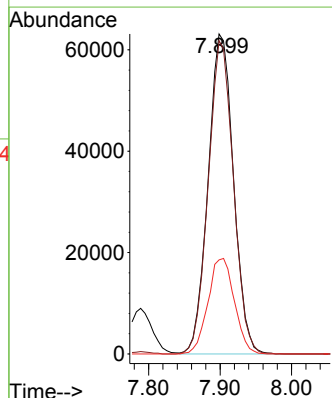
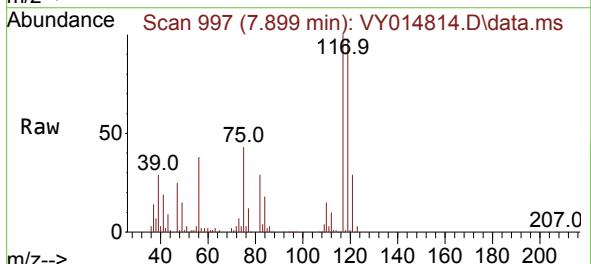
Tgt Ion: 117 Resp: 155869

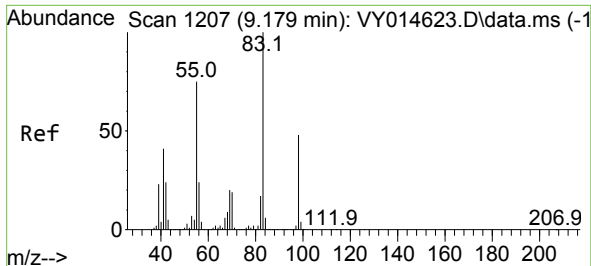
Ion Ratio Lower Upper

117 100

119 97.8 76.4 114.6

121 29.4 25.8 38.6





#39

Methylcyclohexane

Concen: 40.466 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

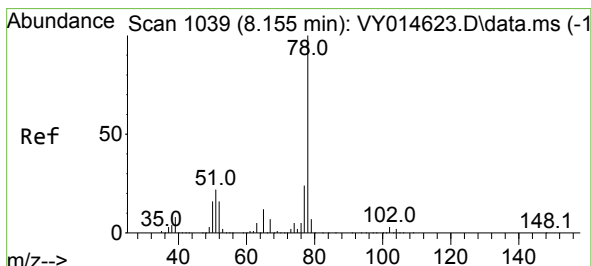
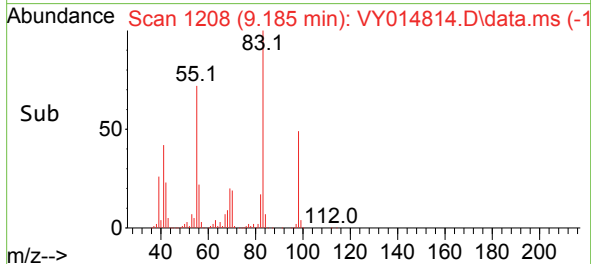
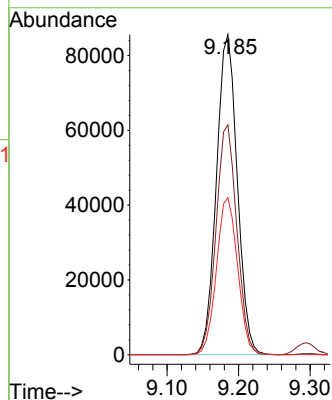
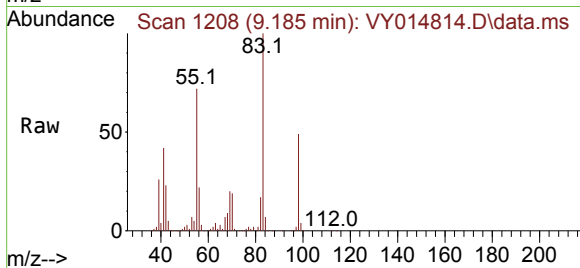
Tgt Ion: 83 Resp: 173452

Ion Ratio Lower Upper

83 100

55 71.9 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 45.812 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014814.D

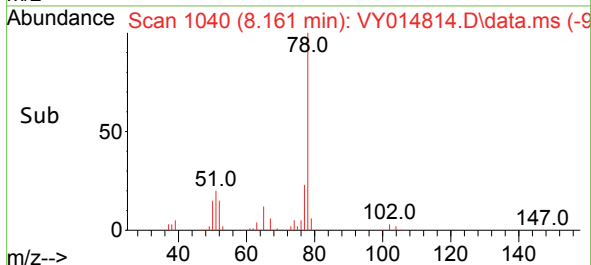
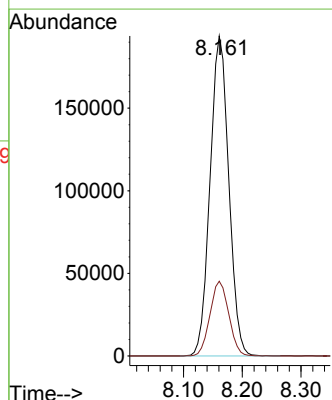
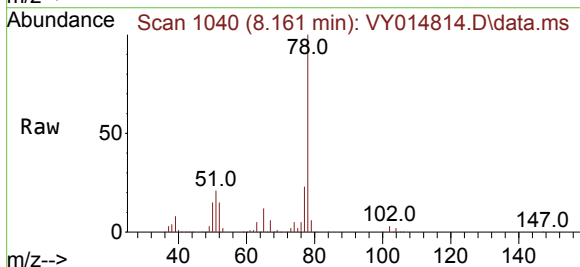
Acq: 25 Jul 2023 20:04

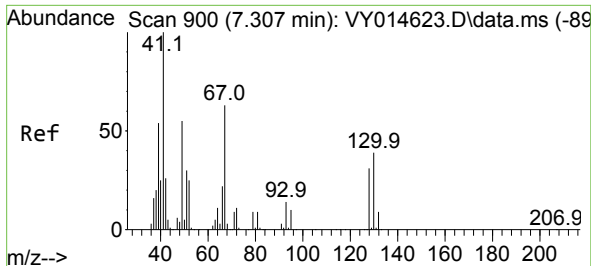
Tgt Ion: 78 Resp: 428662

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

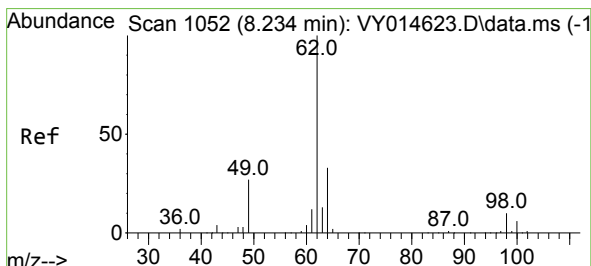
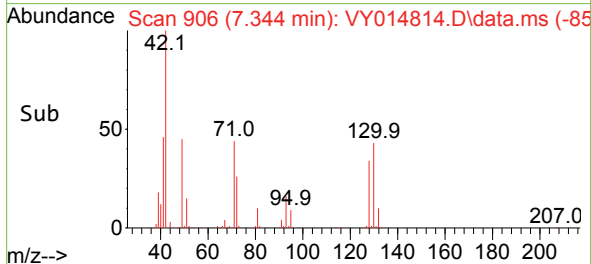
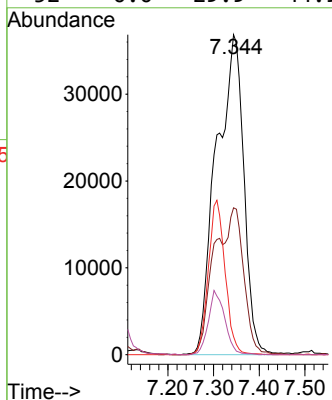
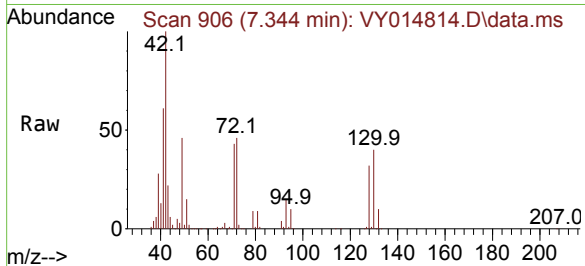




#41
Methacrylonitrile
Concen: 131.027 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

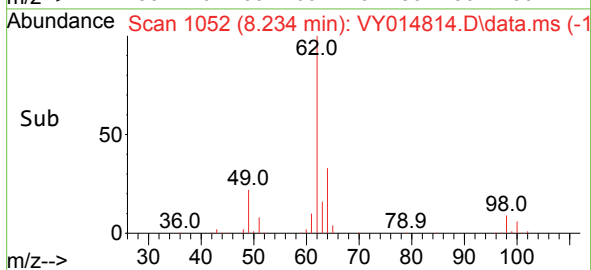
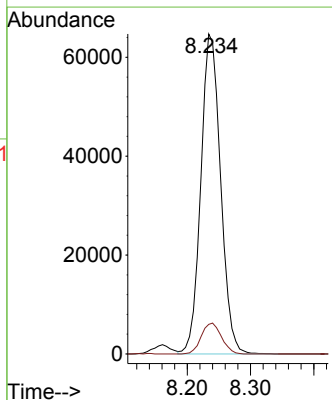
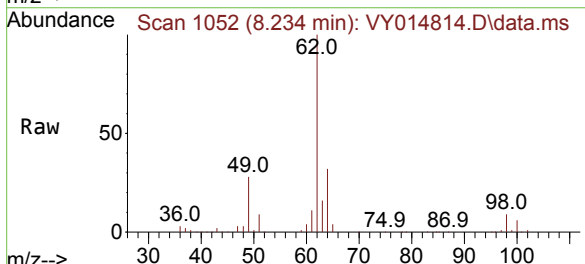
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

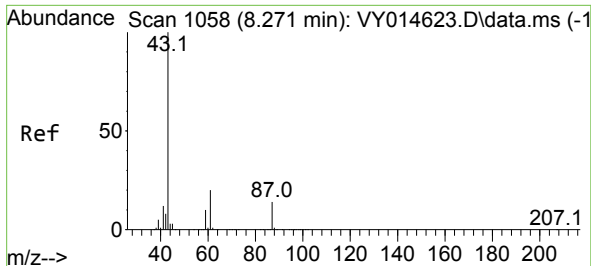
Tgt Ion: 41 Resp: 152662
Ion Ratio Lower Upper
41 100
39 26.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 47.522 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 62 Resp: 140813
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8

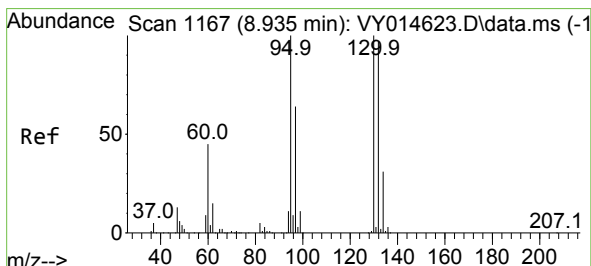
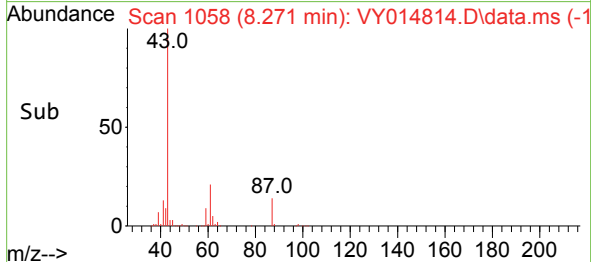
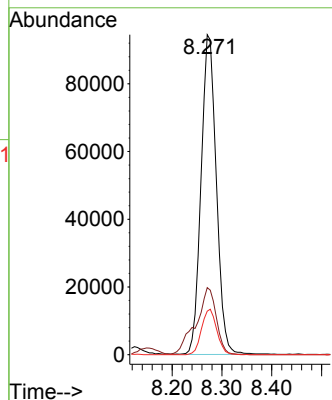
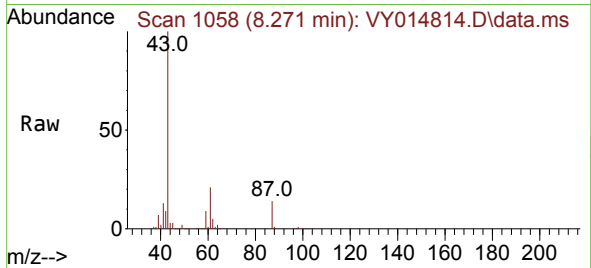




#43
Isopropyl Acetate
Concen: 46.553 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

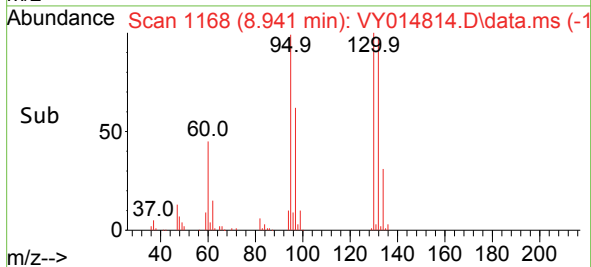
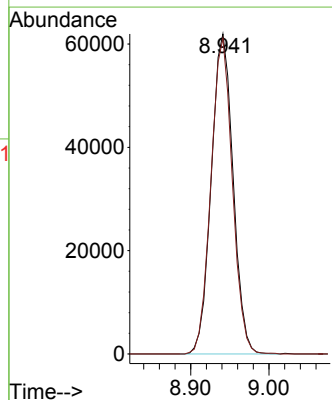
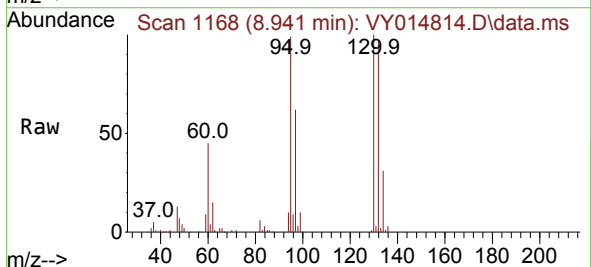
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

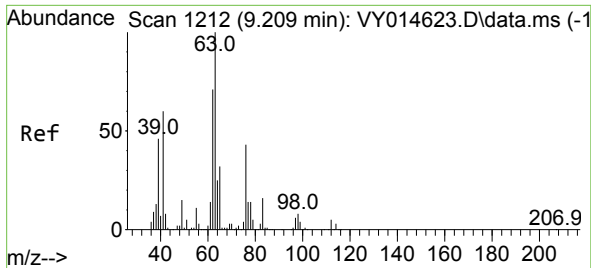
Tgt Ion: 43 Resp: 200875
Ion Ratio Lower Upper
43 100
61 27.8 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 45.636 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 130 Resp: 119476
Ion Ratio Lower Upper
130 100
95 98.6 0.0 196.0

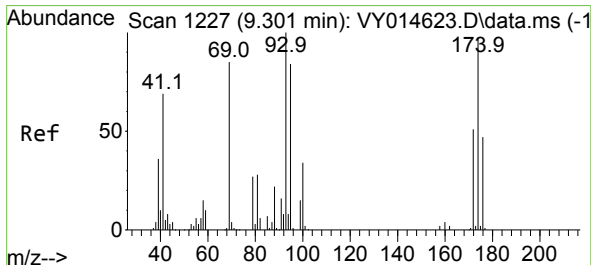
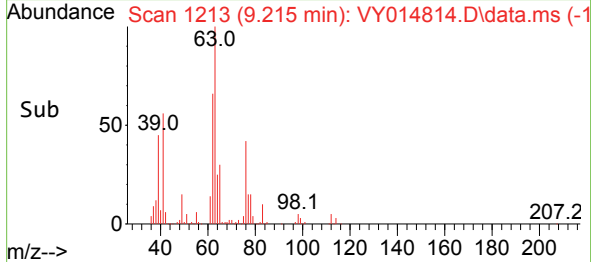
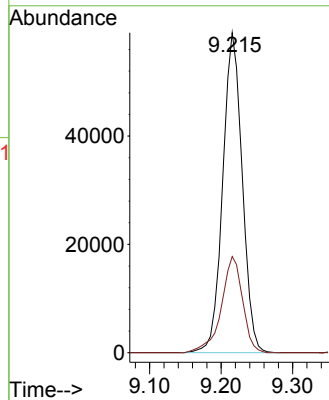
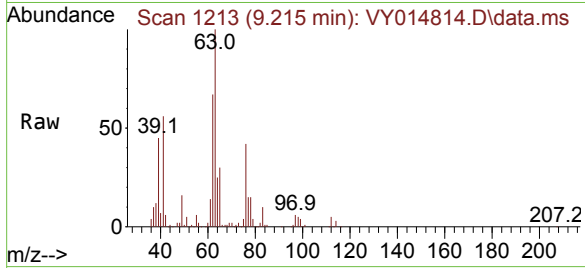




#45
1,2-Dichloropropane
Concen: 45.738 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

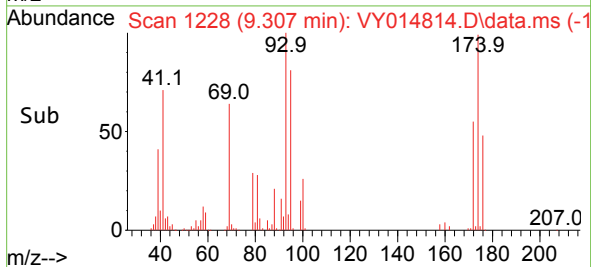
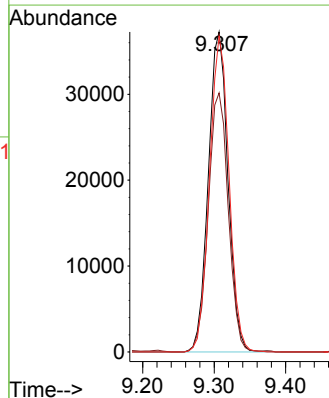
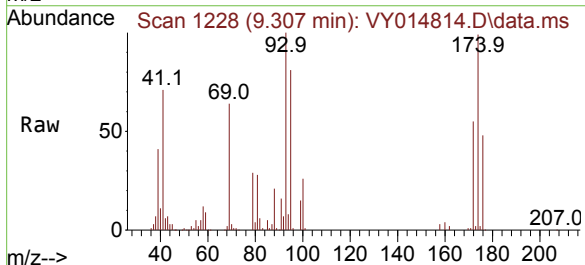
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

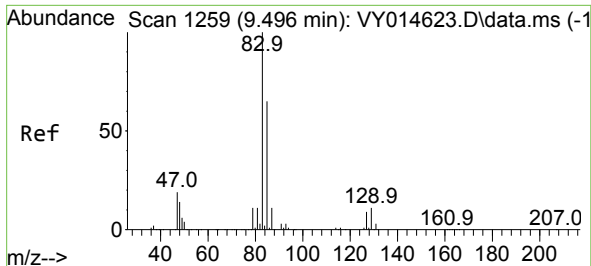
Tgt Ion: 63 Resp: 111755
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.6



#46
Dibromomethane
Concen: 48.006 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 93 Resp: 71158
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 98.1 84.8 127.2

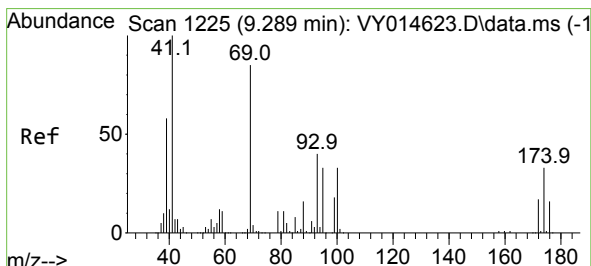
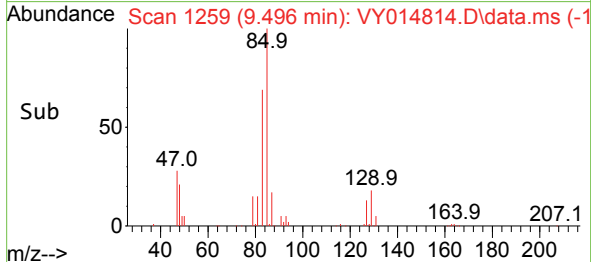
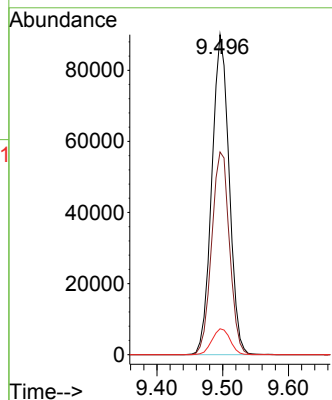
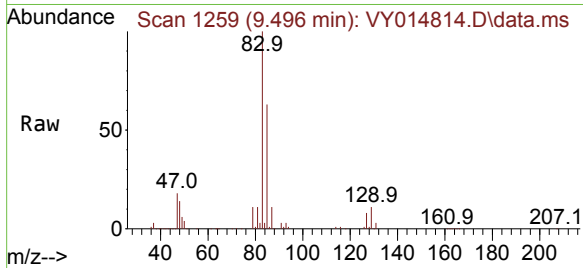




#47
Bromodichloromethane
Concen: 47.179 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

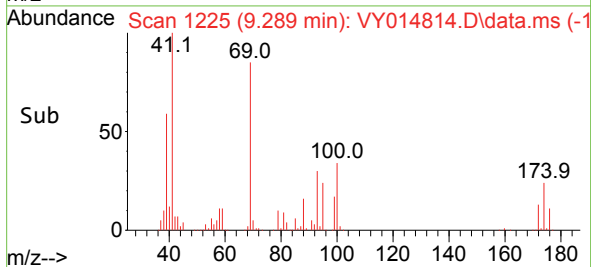
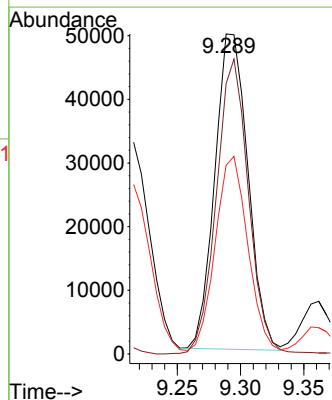
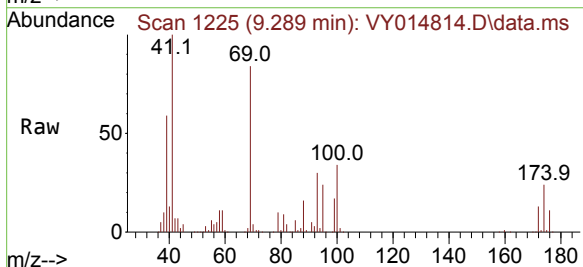
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

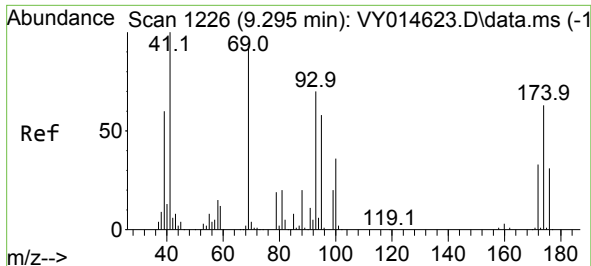
Tgt Ion: 83 Resp: 164821
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 46.422 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 41 Resp: 90135
Ion Ratio Lower Upper
41 100
69 91.2 64.5 96.7
39 62.1 50.8 76.2

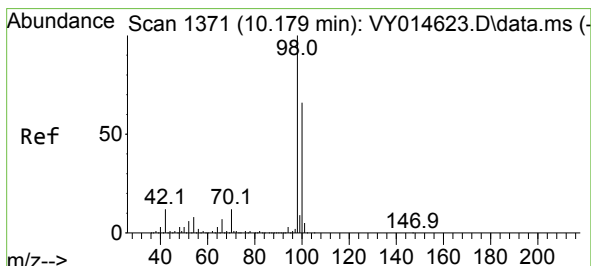
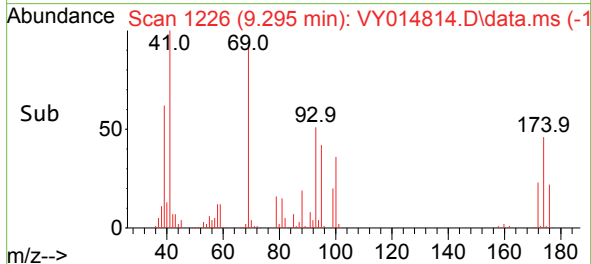
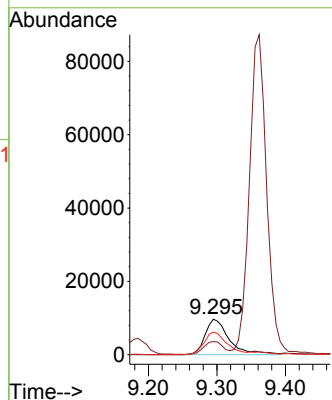
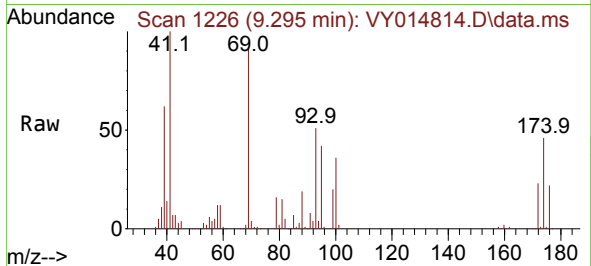




#49
1,4-Dioxane
Concen: 984.792 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

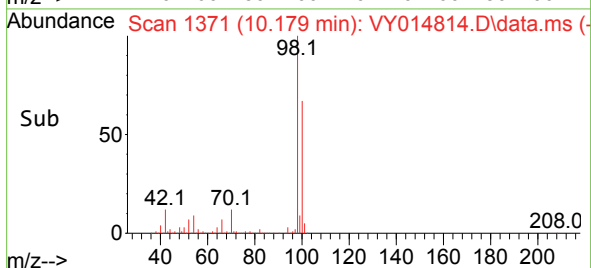
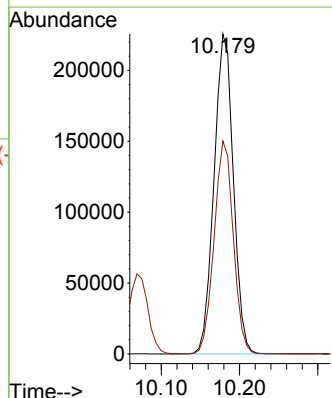
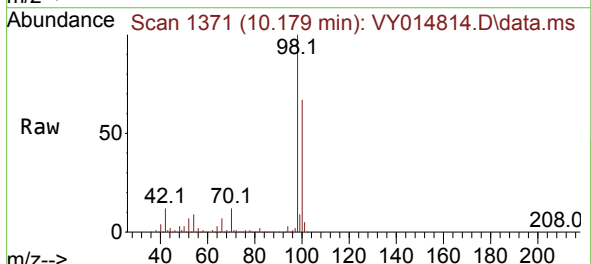
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

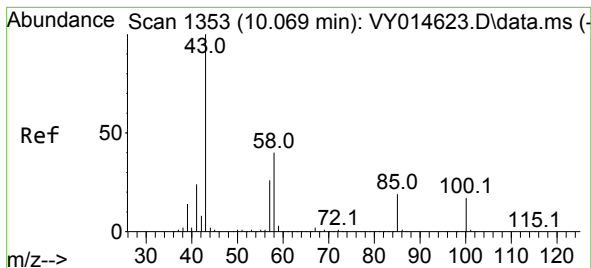
Tgt Ion: 88 Resp: 23802
Ion Ratio Lower Upper
88 100
43 29.5 0.0 0.0#
58 59.8 30.9 46.3#



#50
Toluene-d8
Concen: 47.696 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 98 Resp: 386864
Ion Ratio Lower Upper
98 100
100 66.3 50.1 75.1

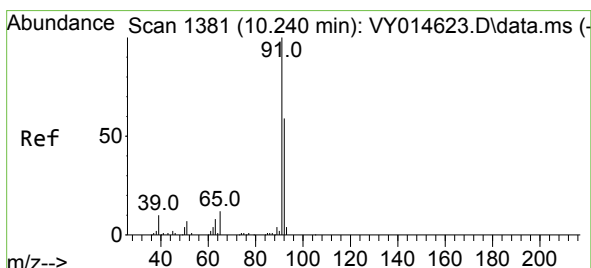
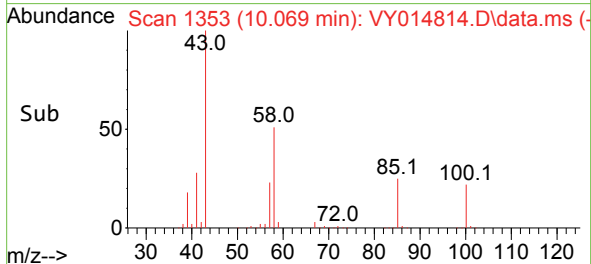
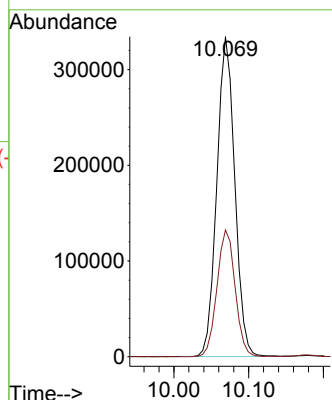
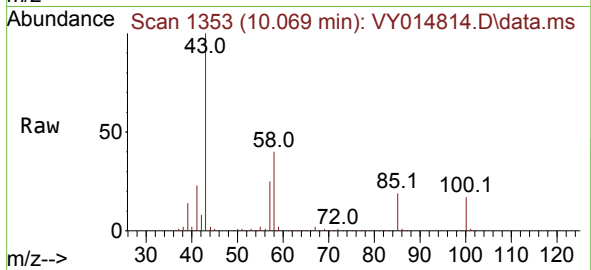




#51
4-Methyl-2-Pentanone
Concen: 246.291 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

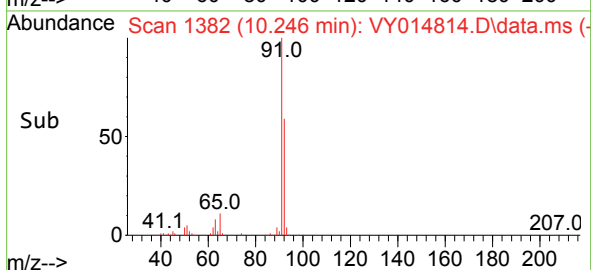
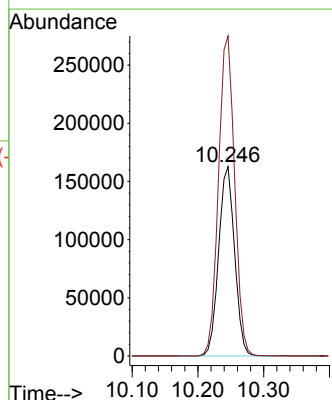
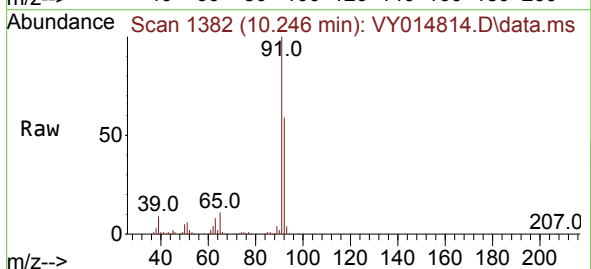
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

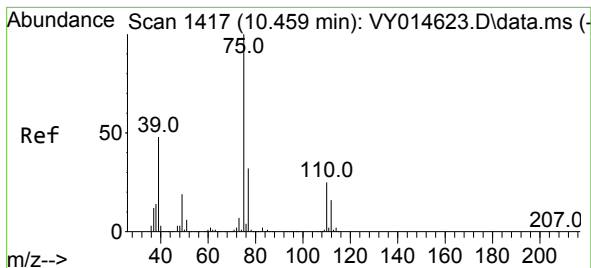
Tgt Ion: 43 Resp: 557989
Ion Ratio Lower Upper
43 100
58 40.2 29.0 43.6



#52
Toluene
Concen: 45.750 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 92 Resp: 273930
Ion Ratio Lower Upper
92 100
91 171.6 143.8 215.6

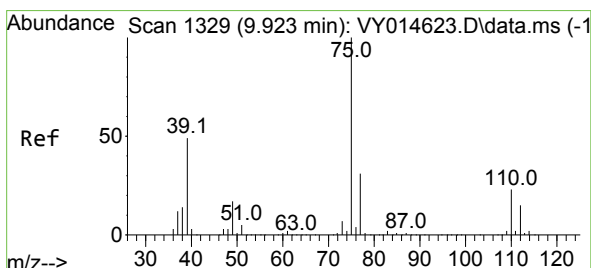
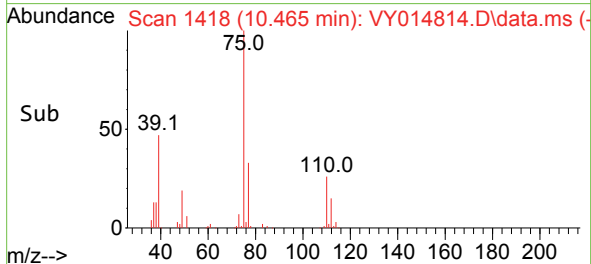
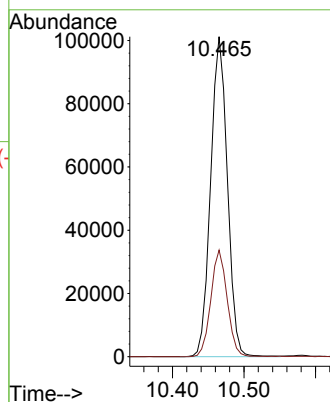
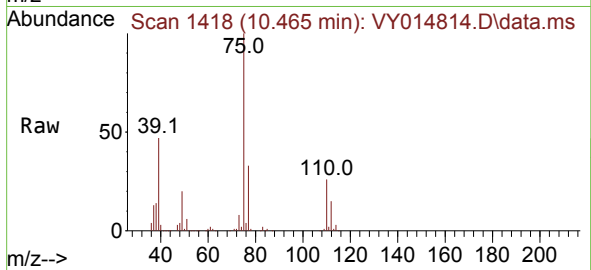




#53
t-1,3-Dichloropropene
Concen: 43.043 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

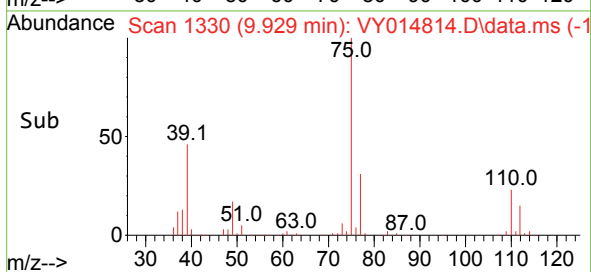
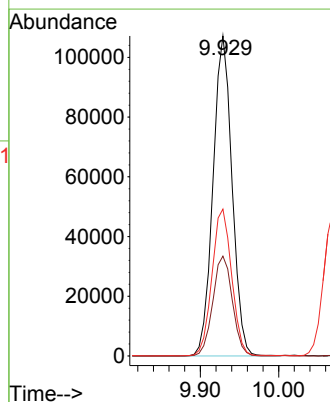
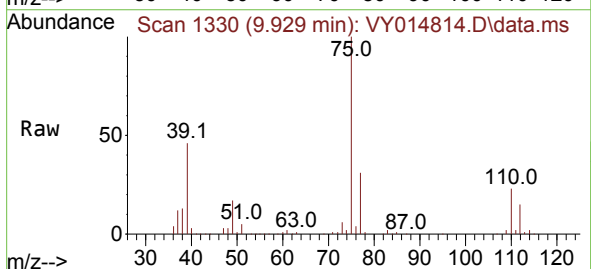
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

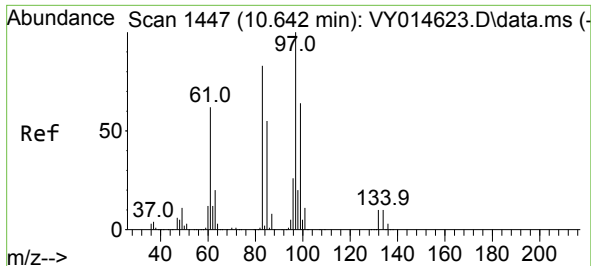
Tgt Ion: 75 Resp: 164481
Ion Ratio Lower Upper
75 100
77 33.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 43.516 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 75 Resp: 180834
Ion Ratio Lower Upper
75 100
77 31.2 24.2 36.4
39 45.8 42.2 63.4

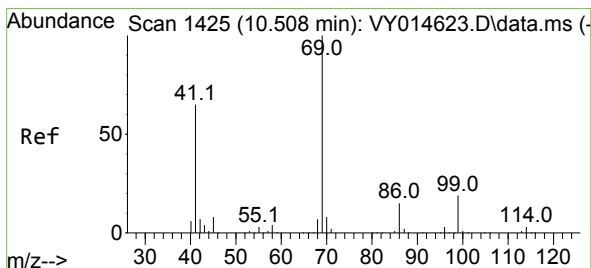
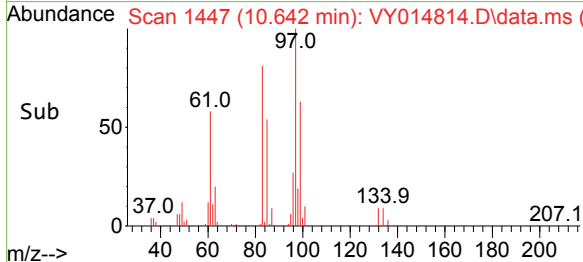
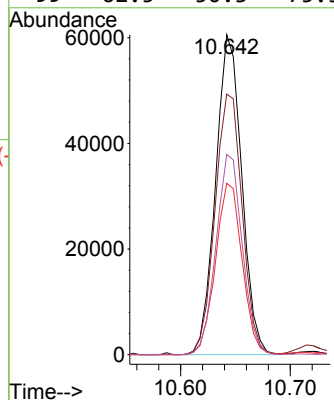
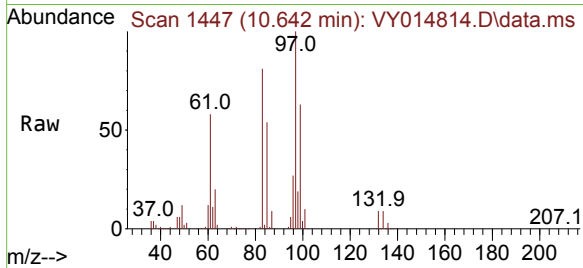




#55
1,1,2-Trichloroethane
Concen: 48.665 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

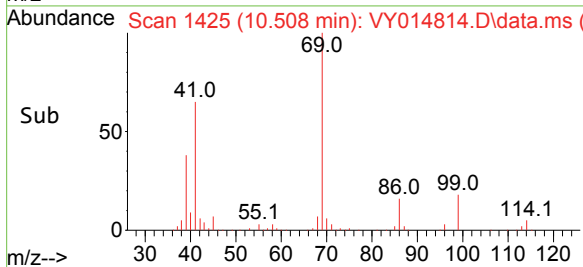
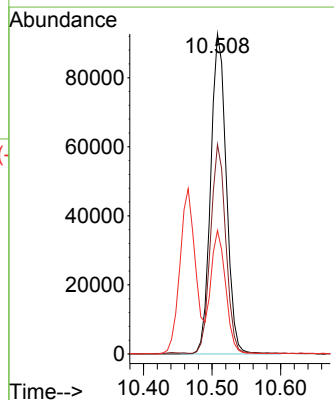
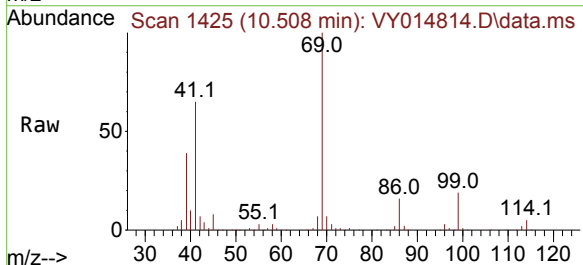
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

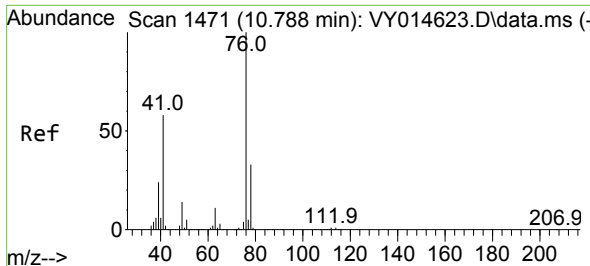
Tgt Ion: 97	Resp: 100480
Ion Ratio	Lower Upper
97 100	
83 81.5	72.0 108.0
85 53.5	45.4 68.0
99 62.5	50.3 75.5



#56
Ethyl methacrylate
Concen: 46.643 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 69	Resp: 147041
Ion Ratio	Lower Upper
69 100	
41 63.6	57.6 86.4
39 36.0	34.1 51.1

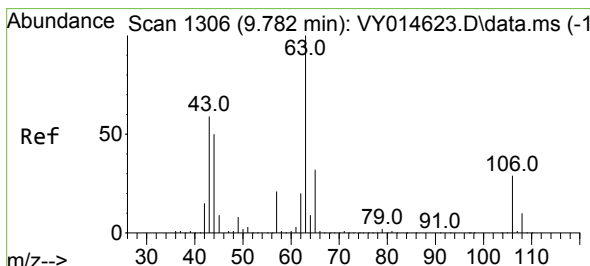
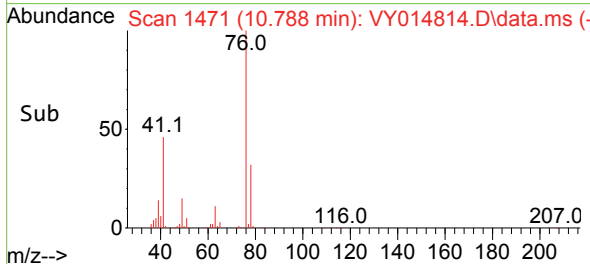
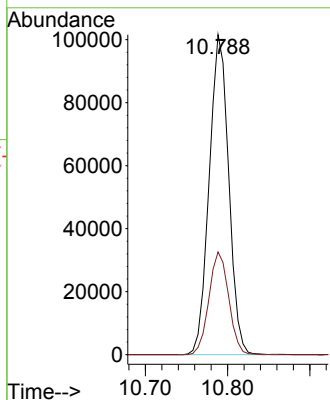
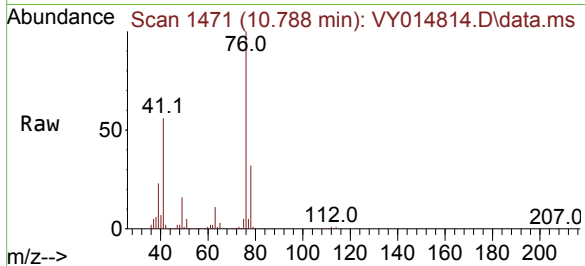




#57
1,3-Dichloropropane
Concen: 47.046 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

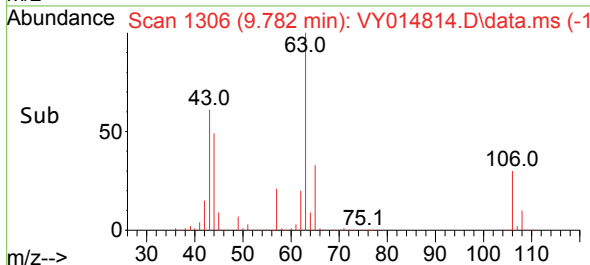
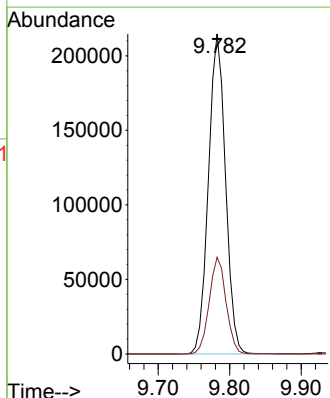
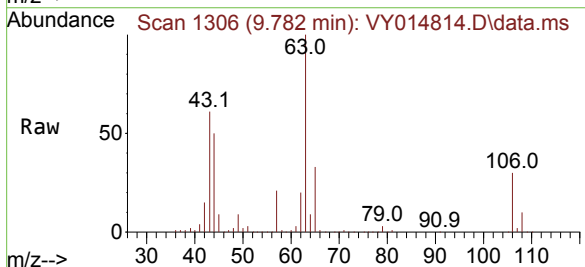
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

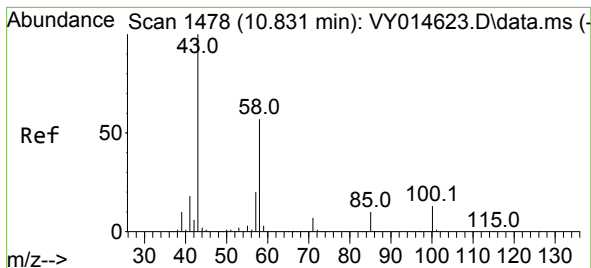
Tgt Ion: 76 Resp: 167542
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 242.085 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 63 Resp: 355597
Ion Ratio Lower Upper
63 100
106 29.7 21.2 31.8

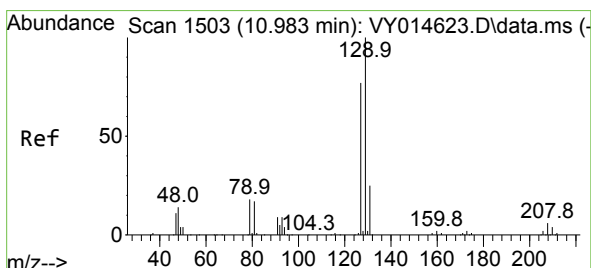
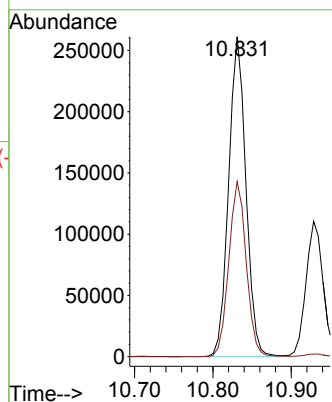
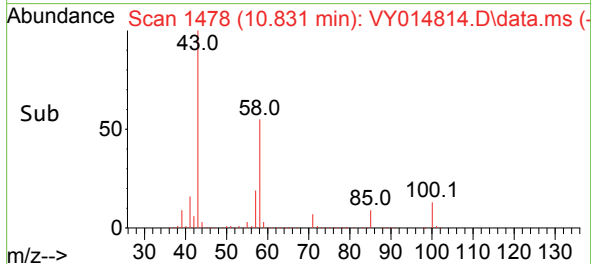
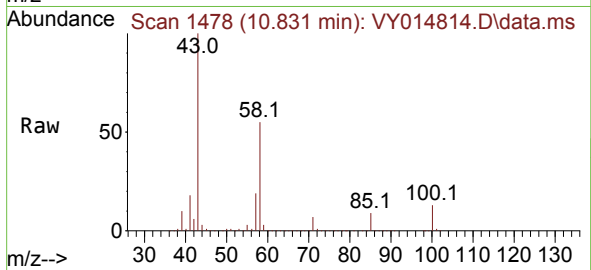




#59
2-Hexanone
Concen: 242.289 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

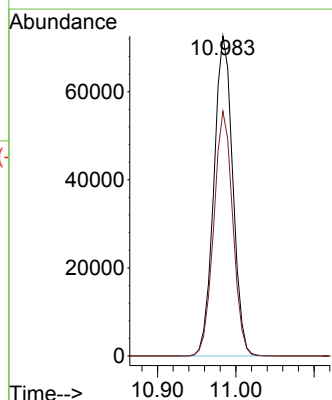
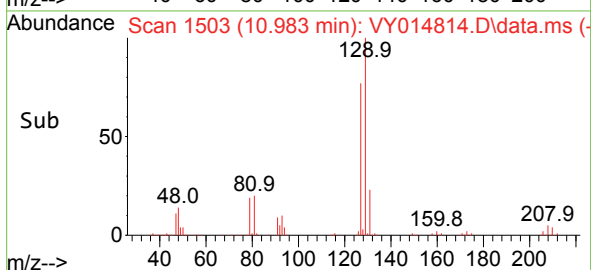
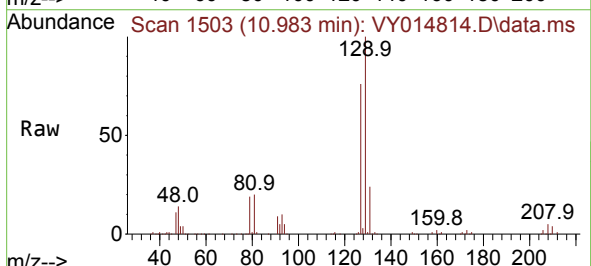
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

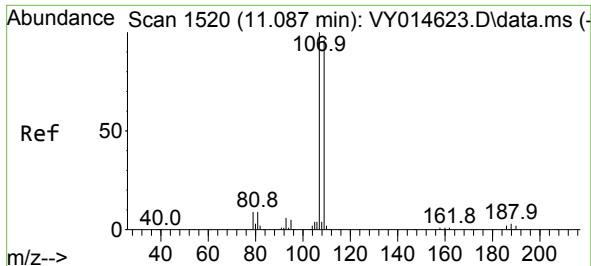
Tgt Ion: 43 Resp: 400303
Ion Ratio Lower Upper
43 100
58 55.3 25.1 75.3



#60
Dibromochloromethane
Concen: 48.053 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 129 Resp: 121646
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

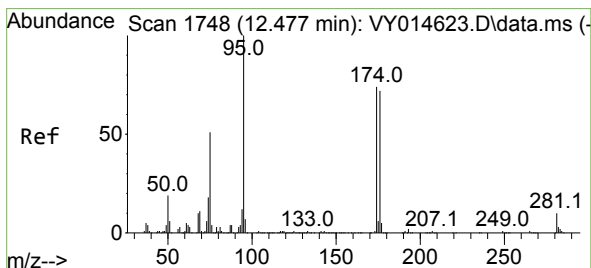
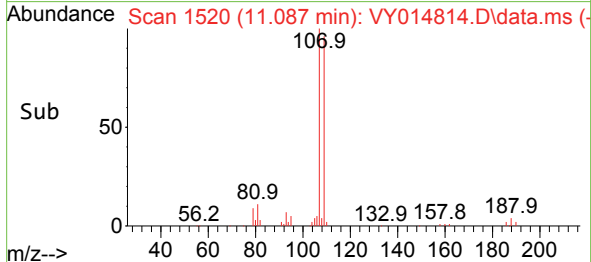
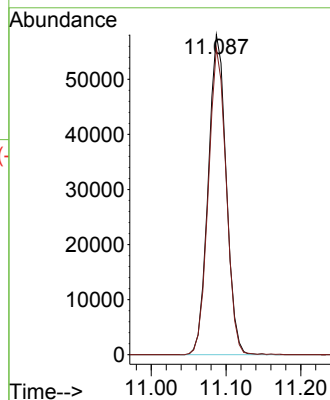
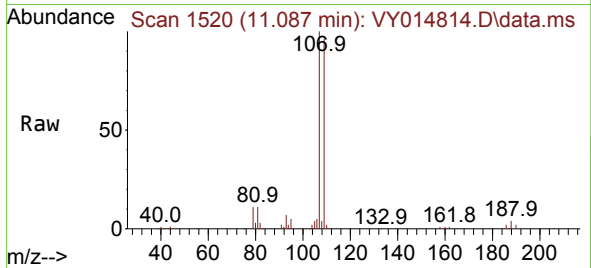




#61
1,2-Dibromoethane
Concen: 47.031 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

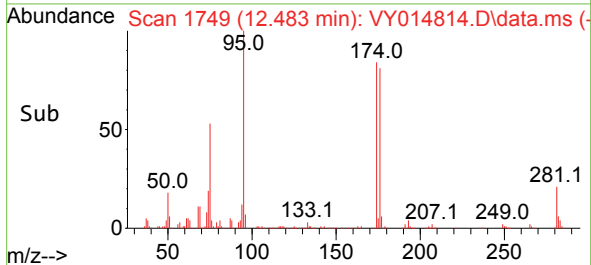
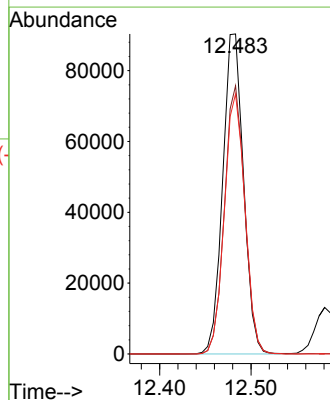
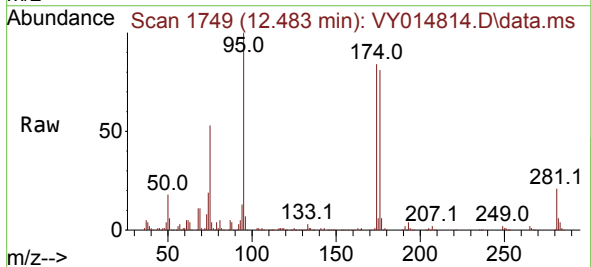
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

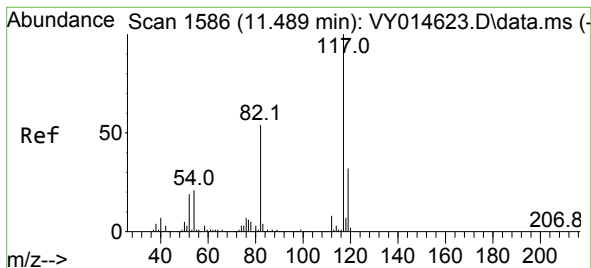
Tgt Ion:107 Resp: 96874
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.066 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 95 Resp: 143269
Ion Ratio Lower Upper
95 100
174 81.5 0.0 178.2
176 80.4 0.0 173.8

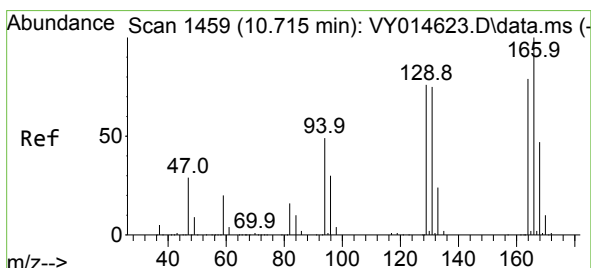
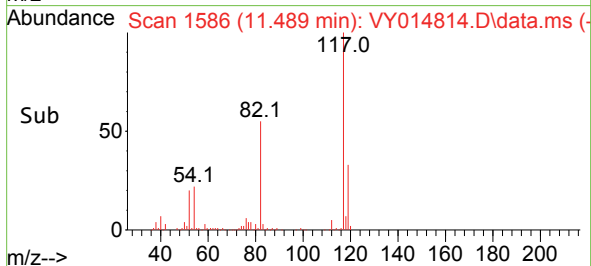
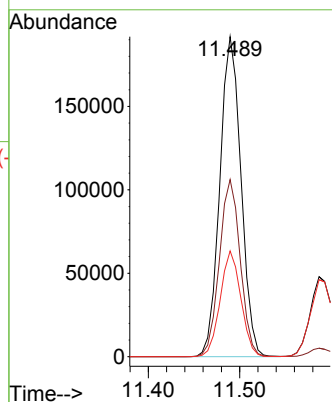
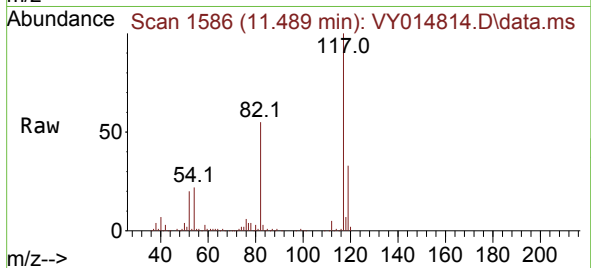




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

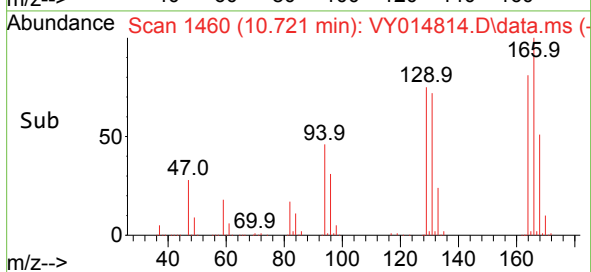
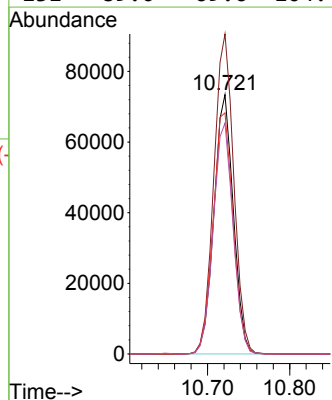
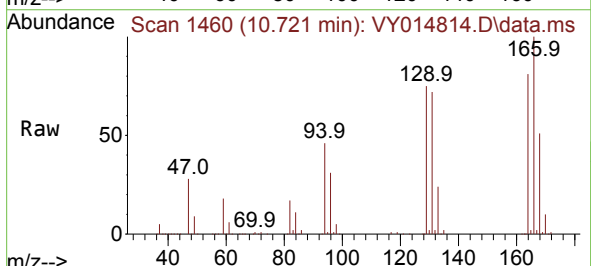
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

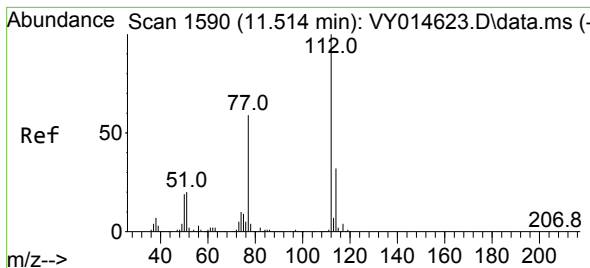
Tgt Ion:117 Resp: 309018
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 33.1 26.3 39.5



#64
Tetrachloroethene
Concen: 48.406 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion:164 Resp: 120305
Ion Ratio Lower Upper
164 100
166 123.4 103.0 154.6
129 93.0 77.2 115.8
131 89.0 69.6 104.4

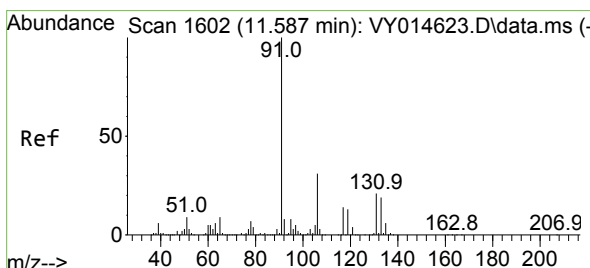
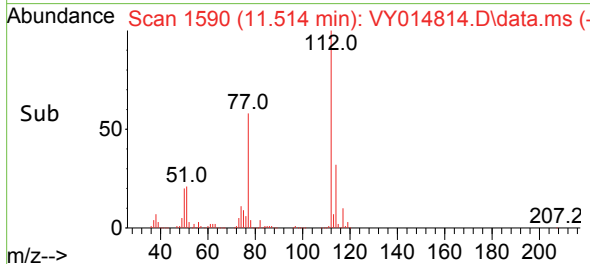
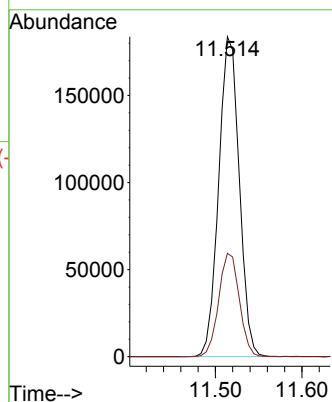
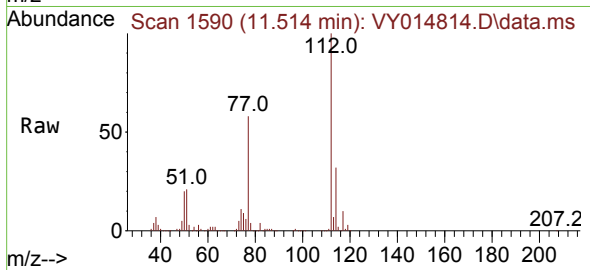




#65
Chlorobenzene
Concen: 45.954 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

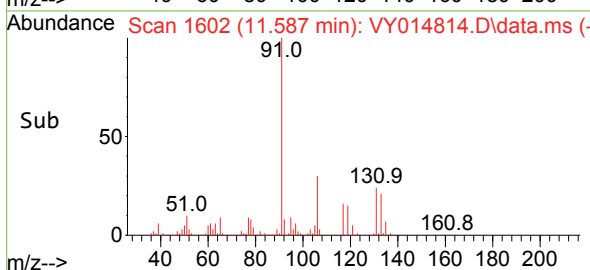
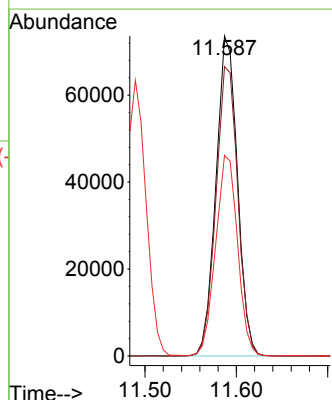
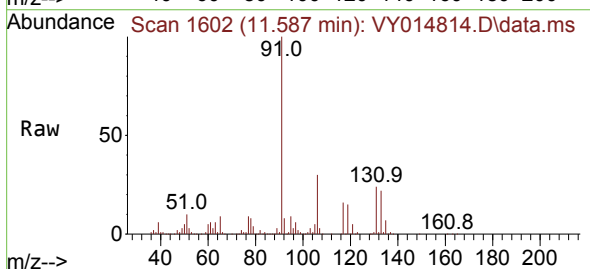
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

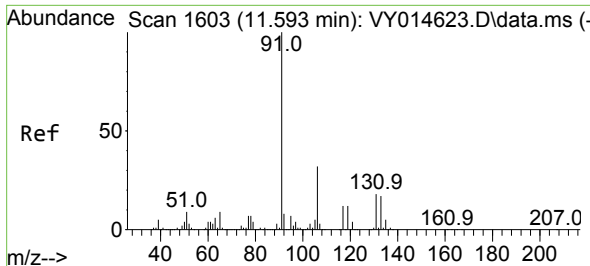
Tgt Ion:112 Resp: 302613
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.364 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion:131 Resp: 120082
Ion Ratio Lower Upper
131 100
133 92.5 47.5 142.6
119 64.3 31.6 94.7

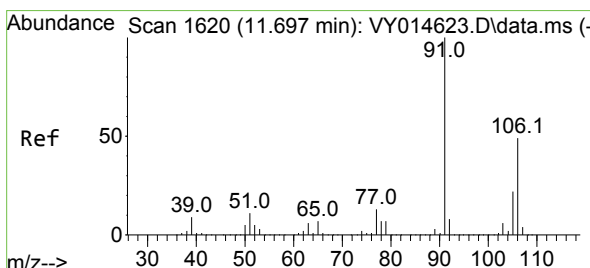
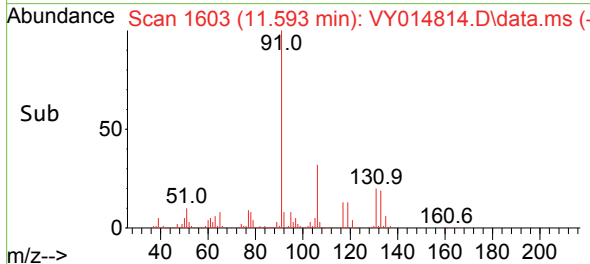
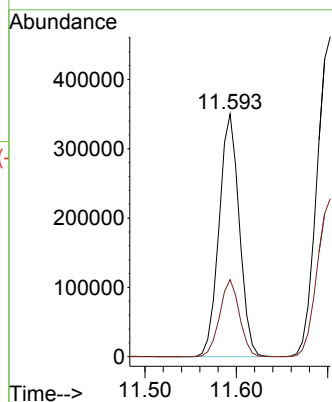
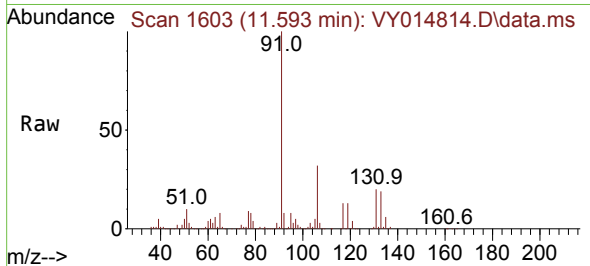




#67
Ethyl Benzene
Concen: 45.183 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

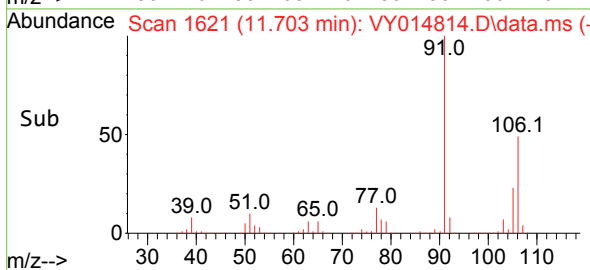
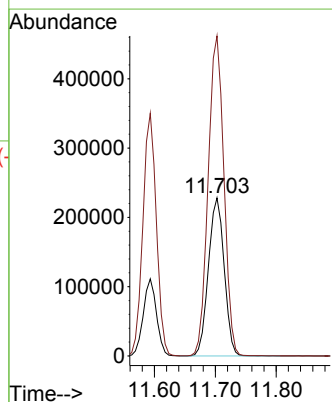
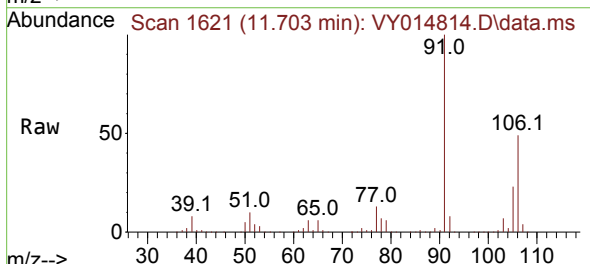
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

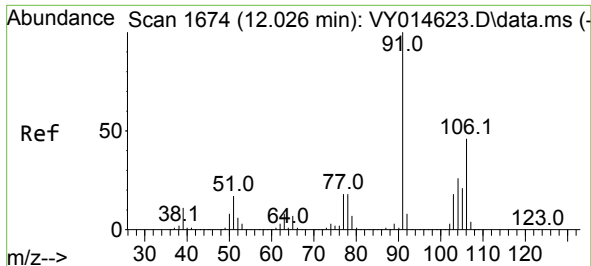
Tgt Ion: 91 Resp: 537198
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 90.234 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 106 Resp: 409526
Ion Ratio Lower Upper
106 100
91 202.5 166.1 249.1

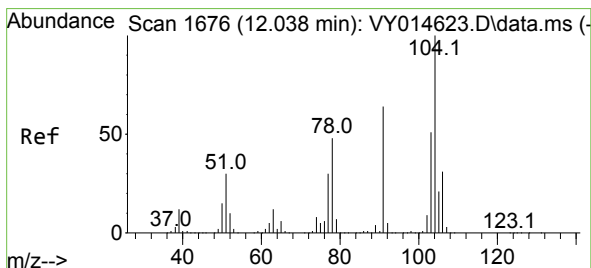
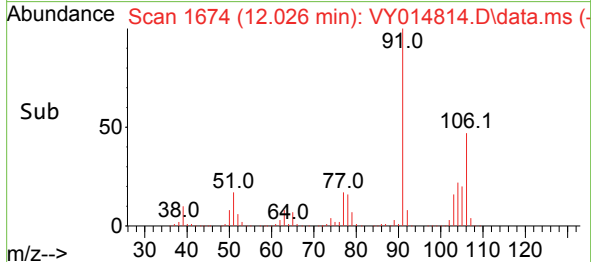
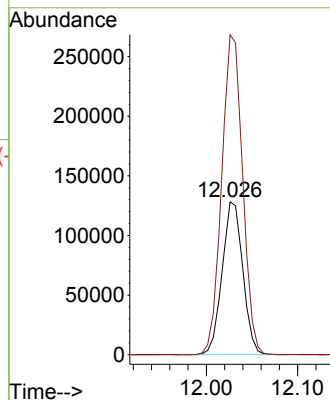
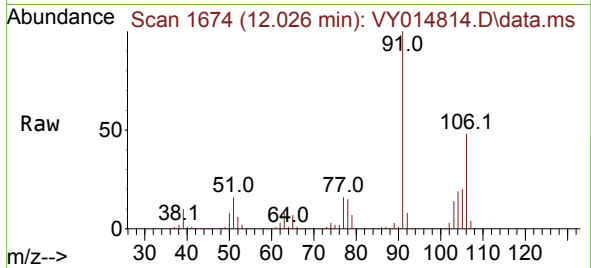




#69
o-Xylene
Concen: 45.550 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

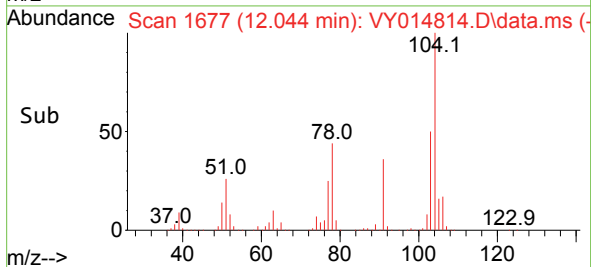
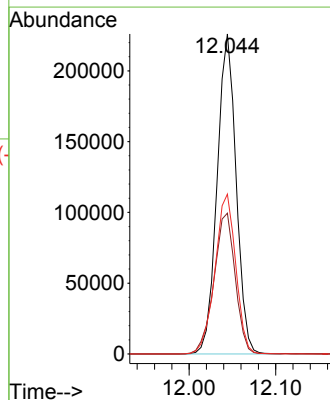
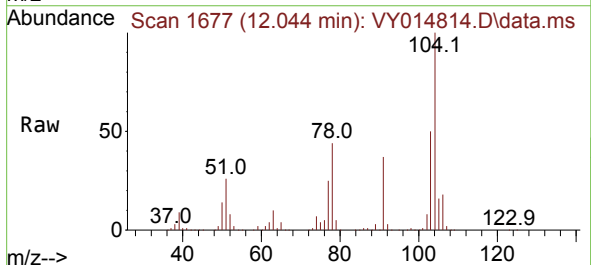
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

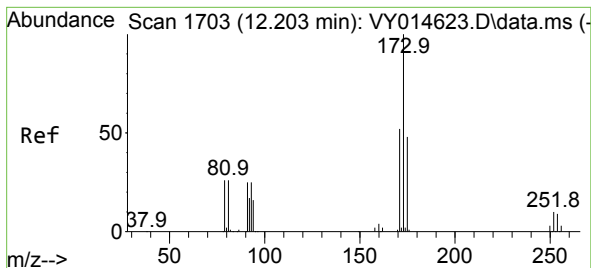
Tgt Ion:106 Resp: 201353
Ion Ratio Lower Upper
106 100
91 212.3 108.1 324.3



#70
Styrene
Concen: 46.268 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion:104 Resp: 344715
Ion Ratio Lower Upper
104 100
78 49.2 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 48.546 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

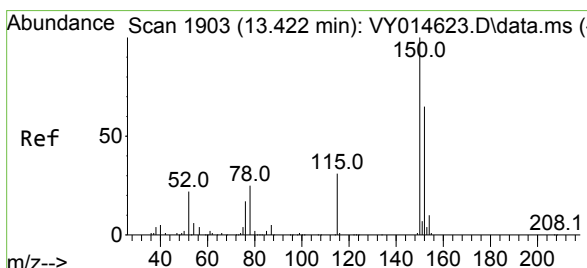
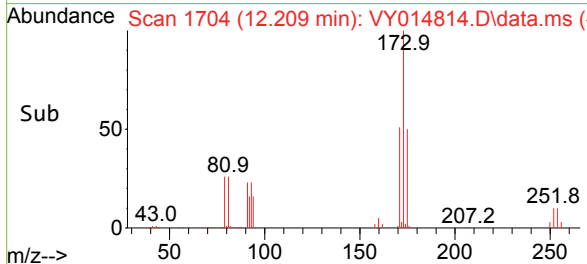
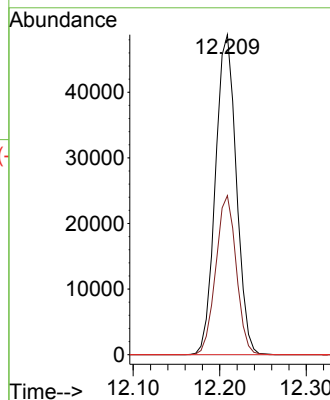
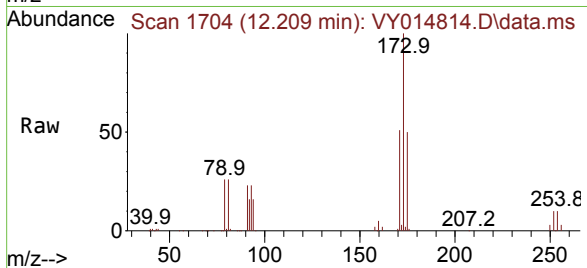
Tgt Ion:173 Resp: 81700

Ion Ratio Lower Upper

173 100

175 48.7 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: VY014814.D

Acq: 25 Jul 2023 20:04

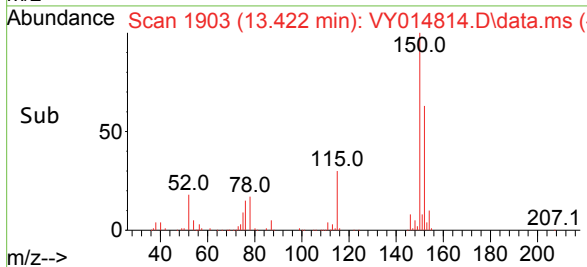
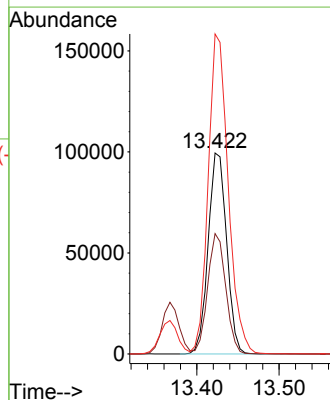
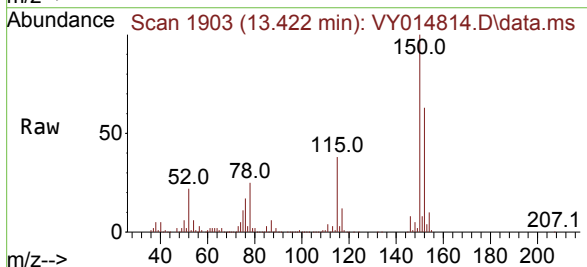
Tgt Ion:152 Resp: 155009

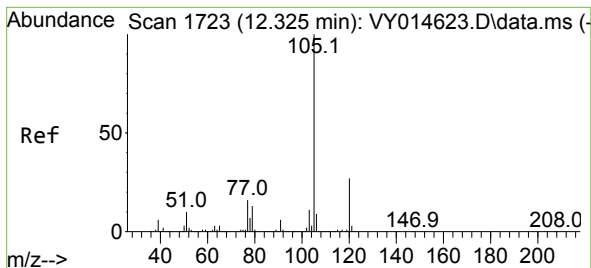
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 172.9 0.0 348.8





#73

Isopropylbenzene

Concen: 43.736 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

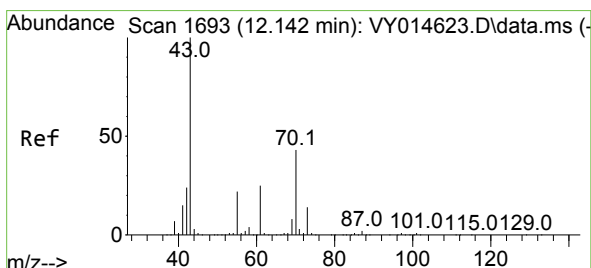
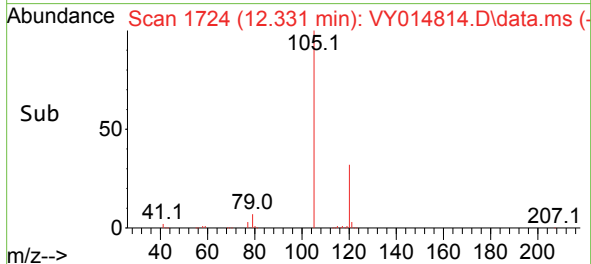
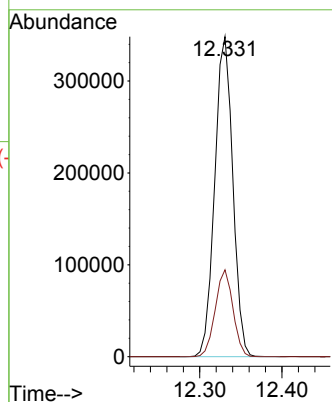
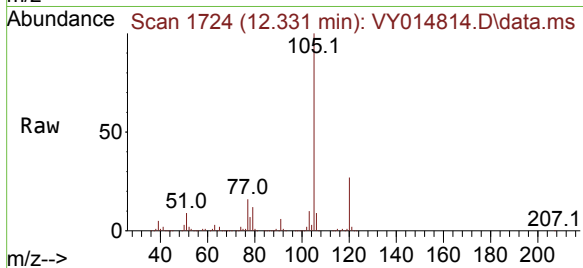
VSTDCCC050EC

Tgt Ion:105 Resp: 530832

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 42.559 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Tgt Ion: 43 Resp: 173002

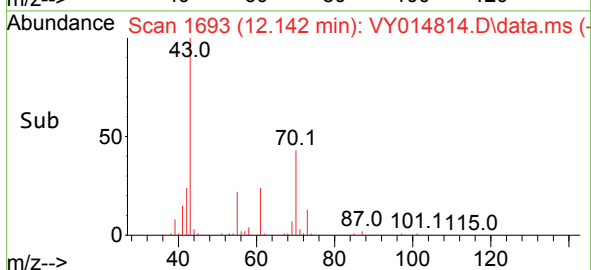
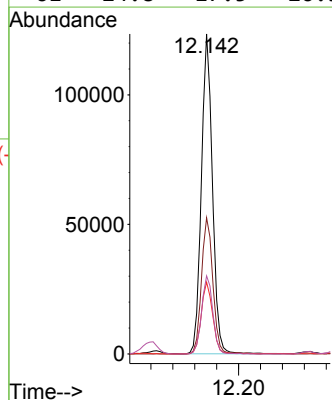
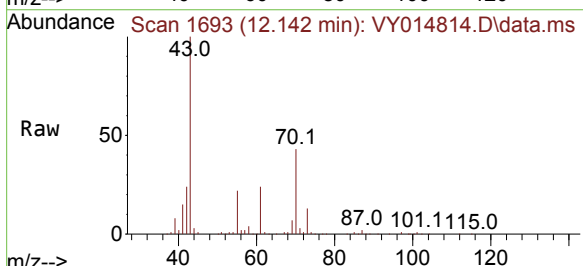
Ion Ratio Lower Upper

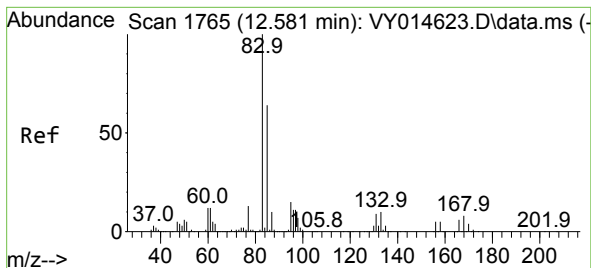
43 100

70 43.6 29.7 44.5

55 23.5 18.3 27.5

61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.454 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

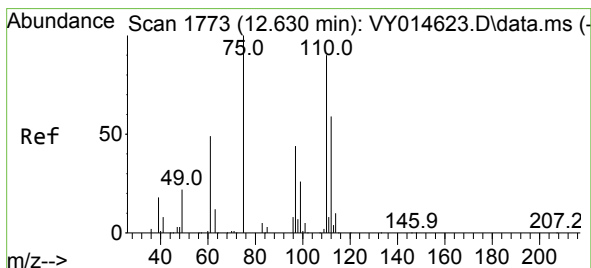
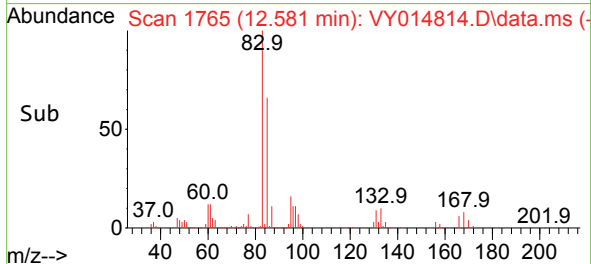
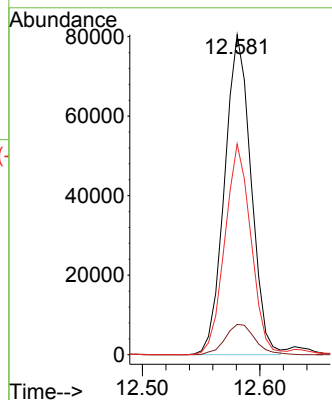
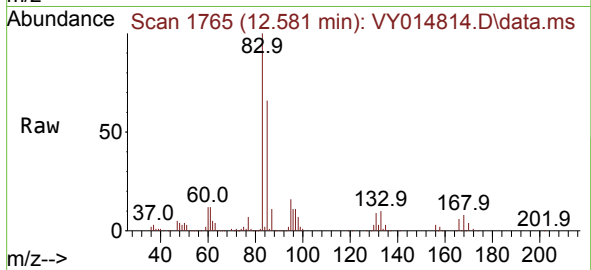
Tgt Ion: 83 Resp: 125810

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 65.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 83.667 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY014814.D

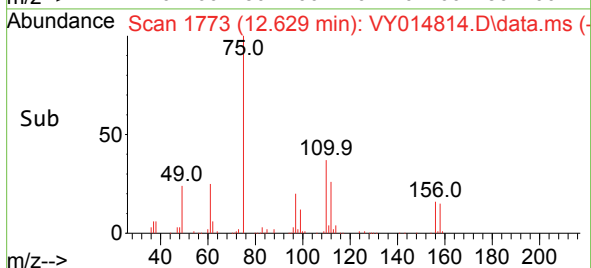
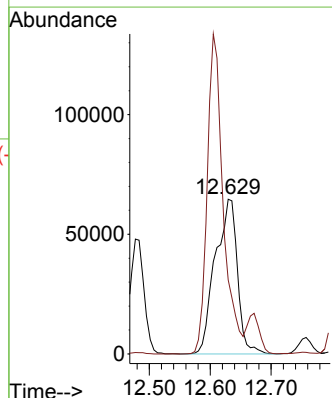
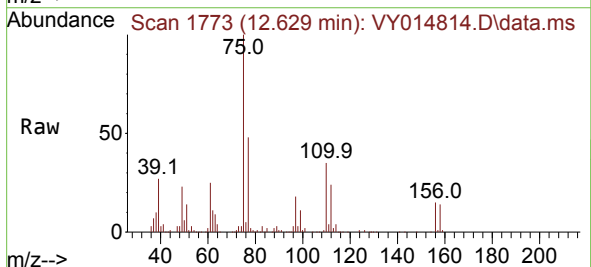
Acq: 25 Jul 2023 20:04

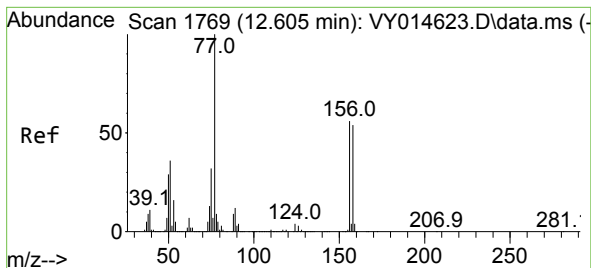
Tgt Ion: 75 Resp: 163797

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.108 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

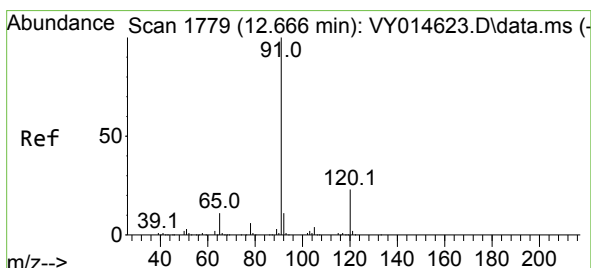
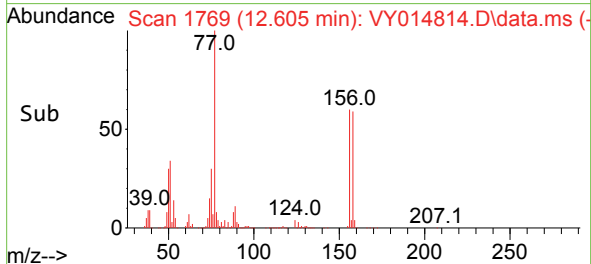
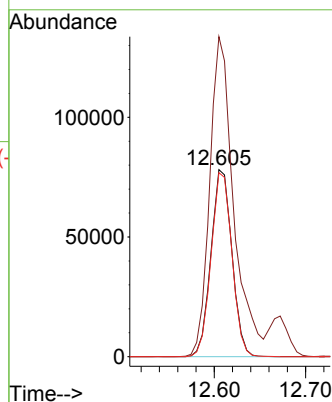
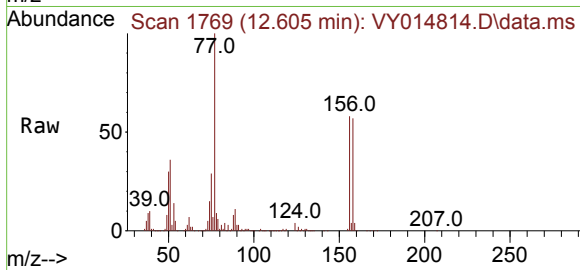
Tgt Ion:156 Resp: 124974

Ion Ratio Lower Upper

156 100

77 195.1 92.8 278.6

158 97.7 48.4 145.3



#78

n-propylbenzene

Concen: 43.226 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014814.D

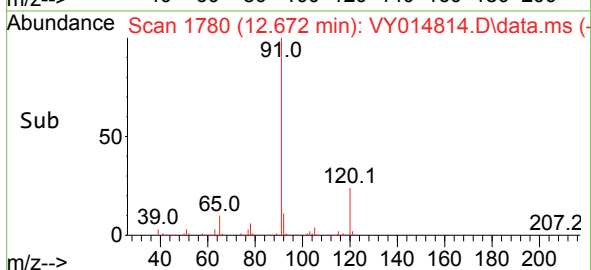
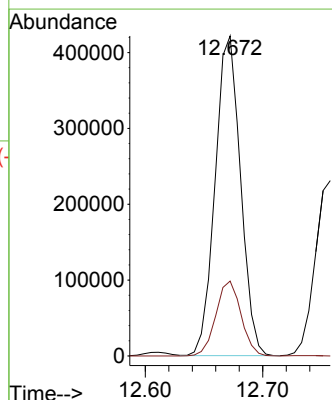
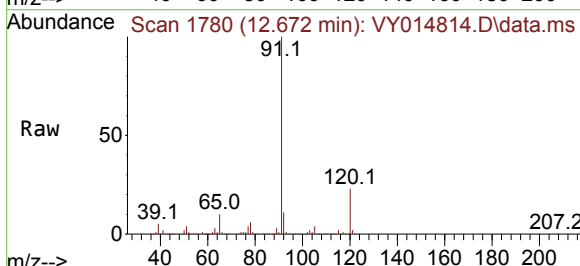
Acq: 25 Jul 2023 20:04

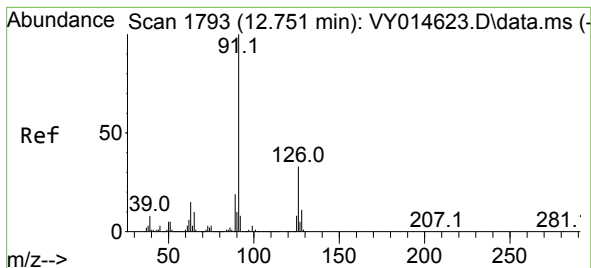
Tgt Ion: 91 Resp: 632206

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

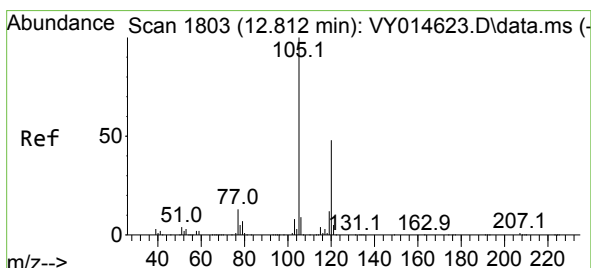
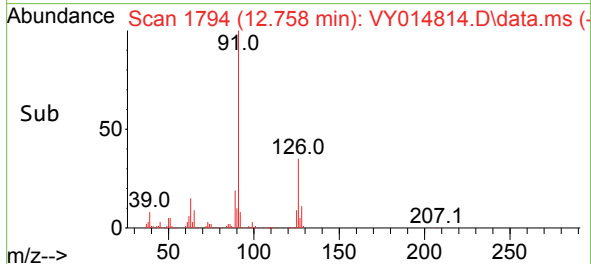
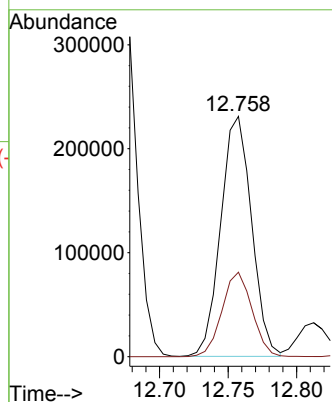
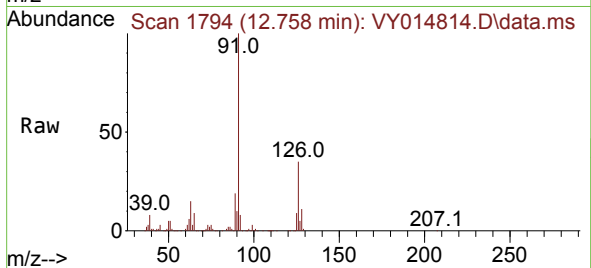




#79
 2-Chlorotoluene
 Concen: 43.006 ug/l
 RT: 12.758 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VY014814.D
 Acq: 25 Jul 2023 20:04

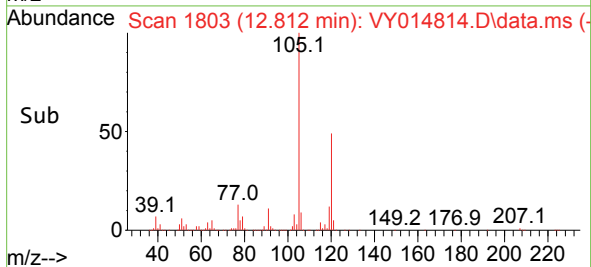
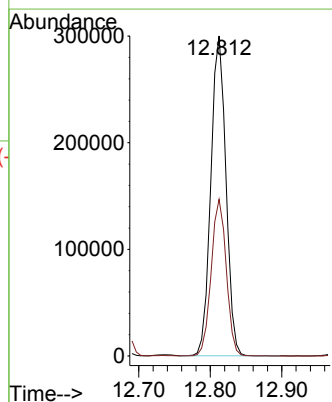
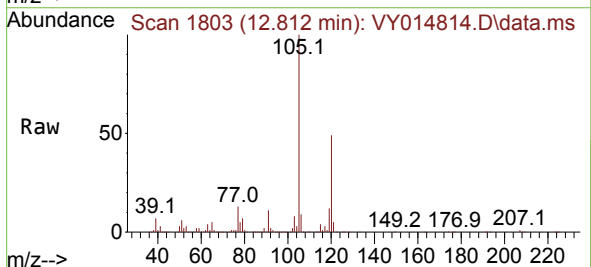
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

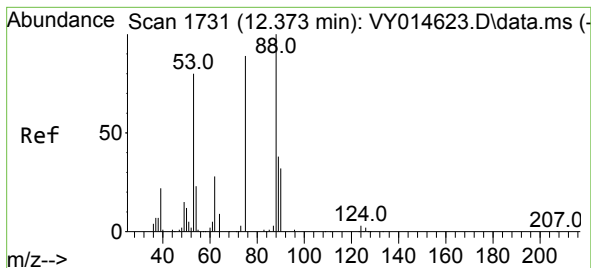
Tgt Ion: 91 Resp: 362287
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 43.344 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VY014814.D
 Acq: 25 Jul 2023 20:04

Tgt Ion: 105 Resp: 439347
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.9 71.7

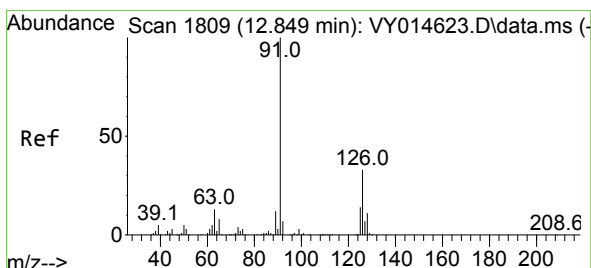
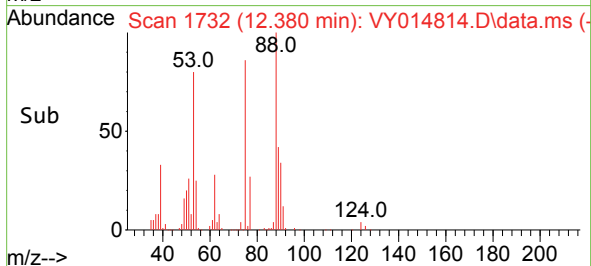
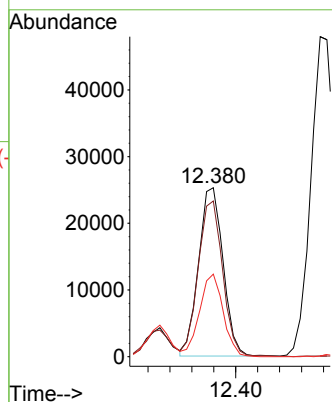
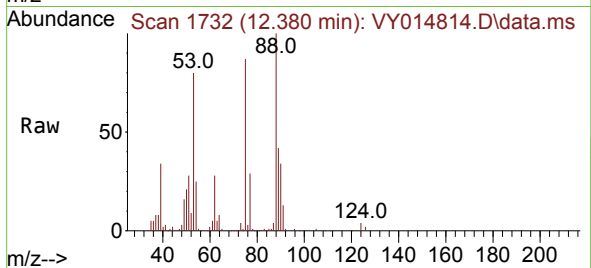




#81
trans-1,4-Dichloro-2-butene
Concen: 38.767 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

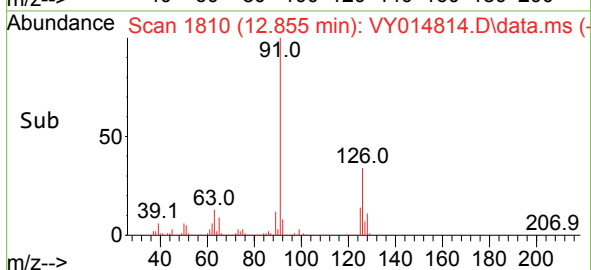
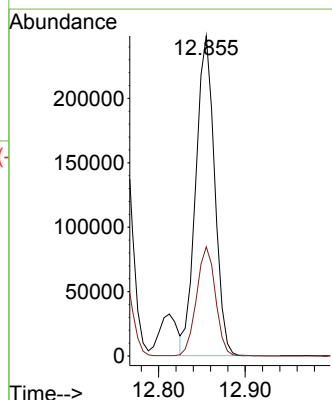
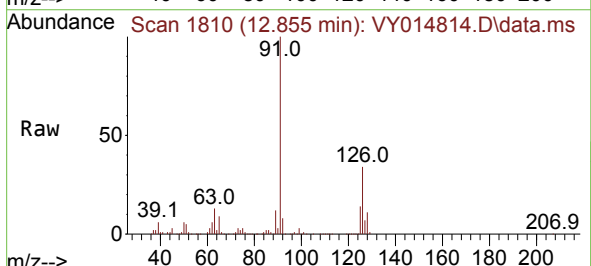
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

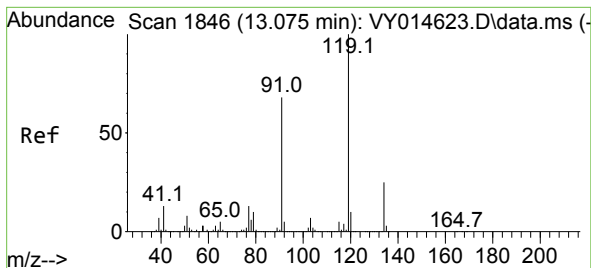
Tgt Ion: 75 Resp: 39198
Ion Ratio Lower Upper
75 100
53 92.9 77.8 116.8
89 47.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 43.062 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 91 Resp: 373603
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 43.382 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

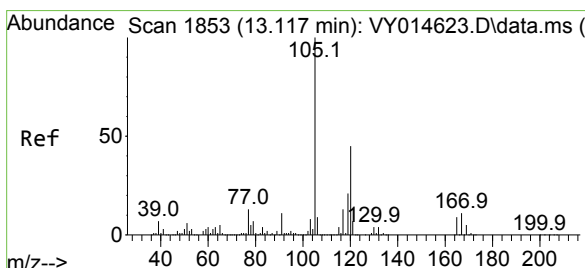
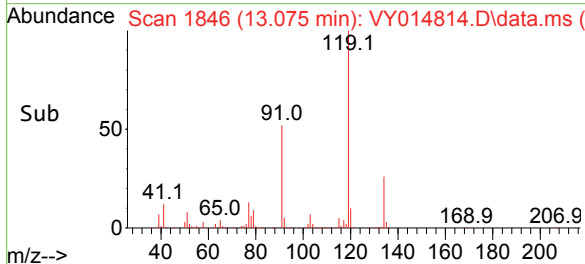
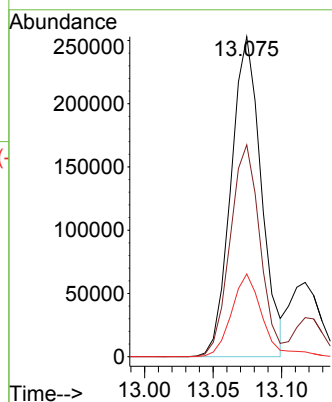
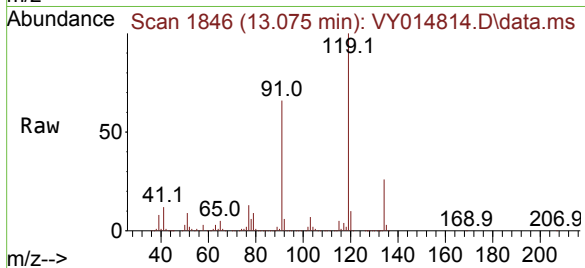
Tgt Ion:119 Resp: 390076

Ion Ratio Lower Upper

119 100

91 65.1 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 44.216 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014814.D

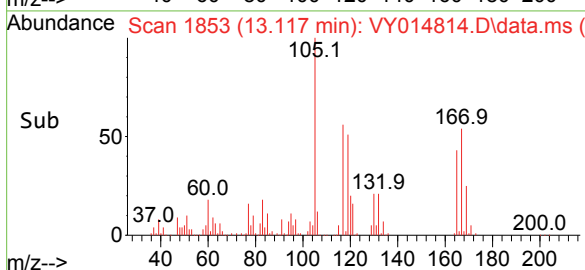
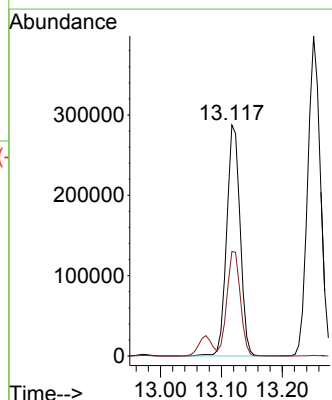
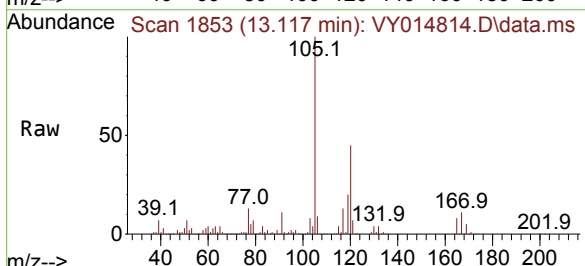
Acq: 25 Jul 2023 20:04

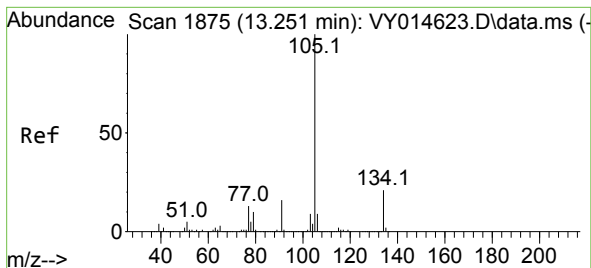
Tgt Ion:105 Resp: 439844

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 43.856 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

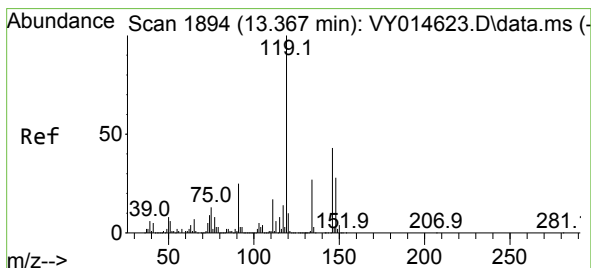
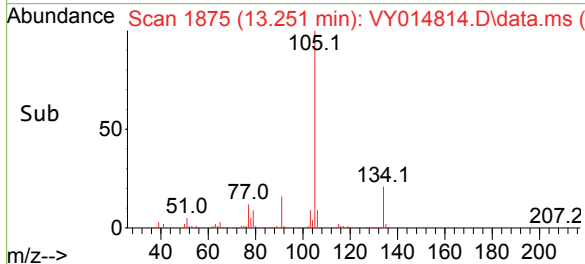
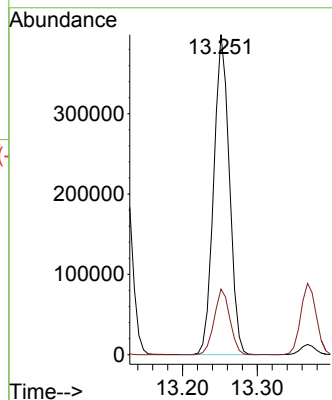
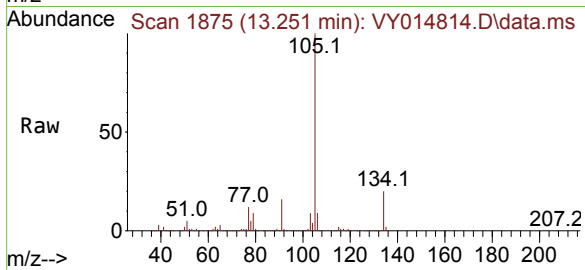
VSTDCCC050EC

Tgt Ion:105 Resp: 578462

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 44.477 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

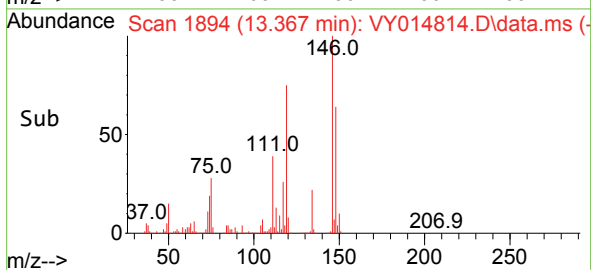
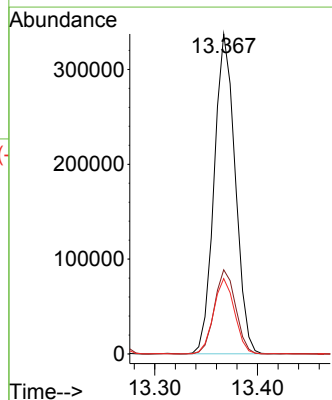
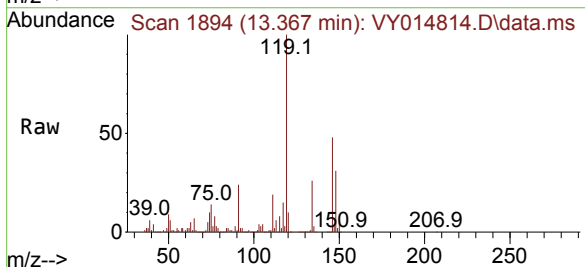
Tgt Ion:119 Resp: 478989

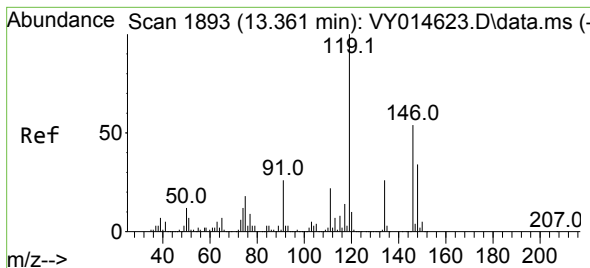
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 45.826 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

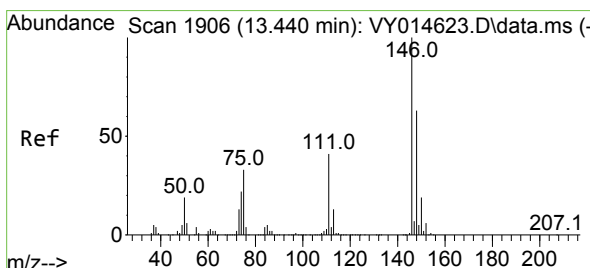
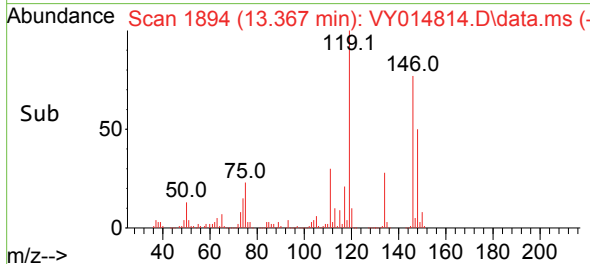
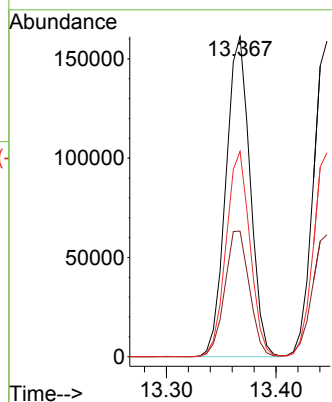
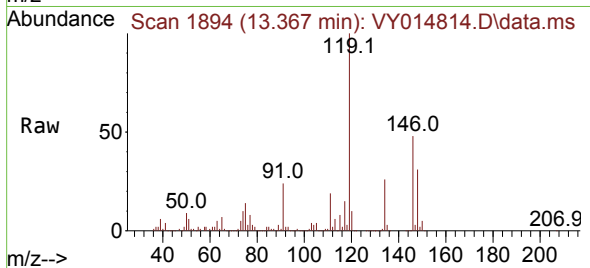
Tgt Ion:146 Resp: 247100

Ion Ratio Lower Upper

146 100

111 40.1 19.4 58.2

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 45.215 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

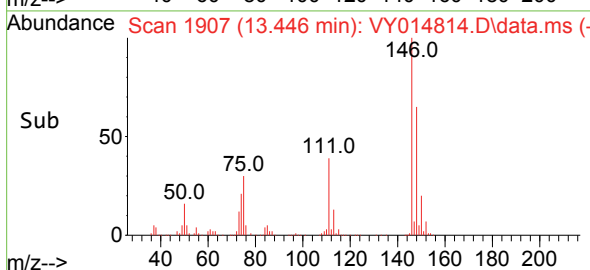
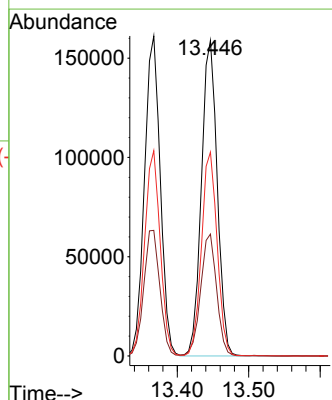
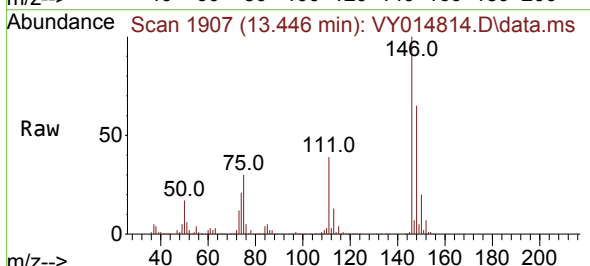
Tgt Ion:146 Resp: 244312

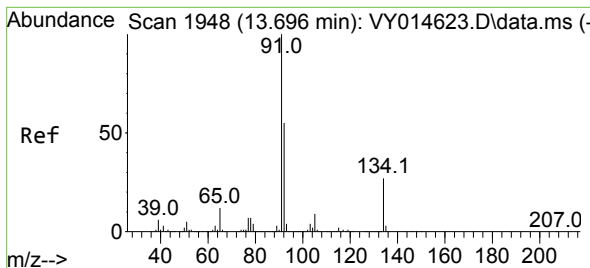
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 42.717 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

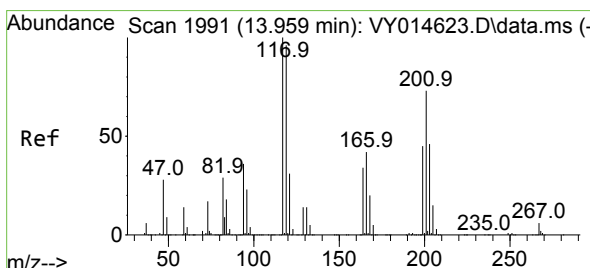
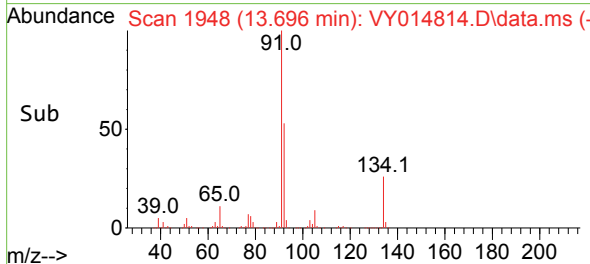
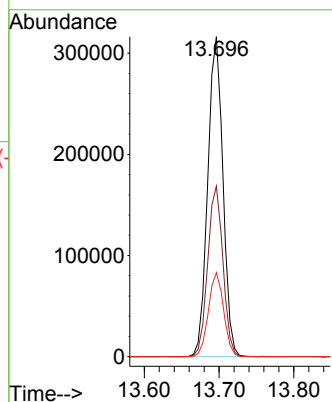
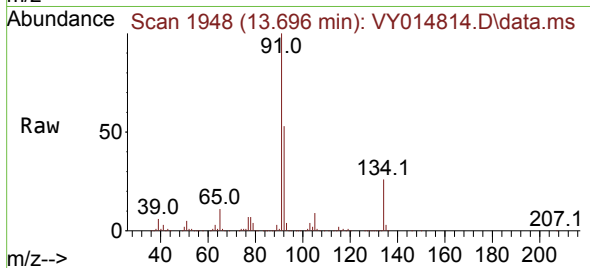
Tgt Ion: 91 Resp: 447564

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 42.719 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014814.D

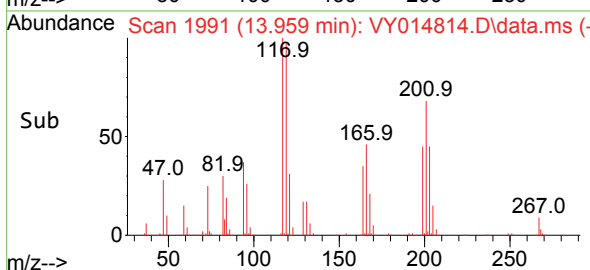
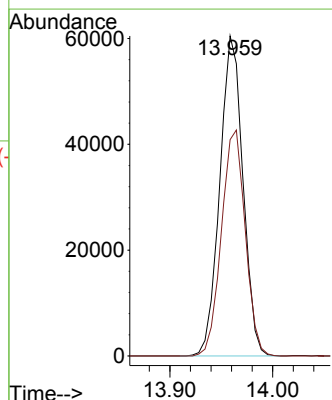
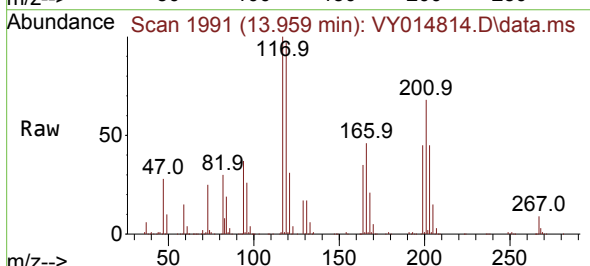
Acq: 25 Jul 2023 20:04

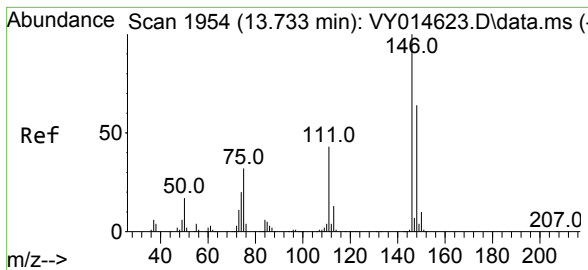
Tgt Ion: 117 Resp: 94496

Ion Ratio Lower Upper

117 100

201 72.6 41.6 124.8

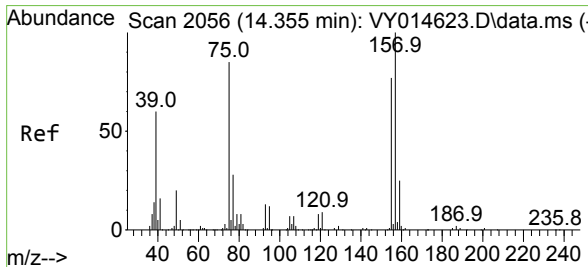
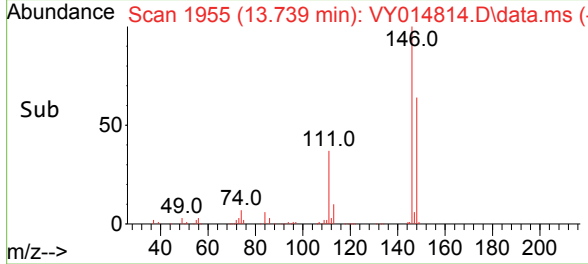
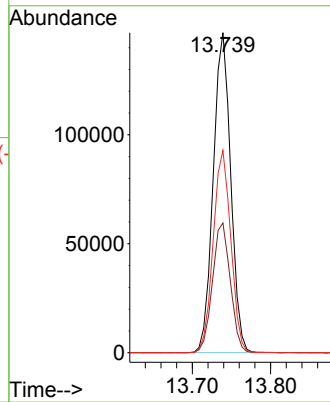
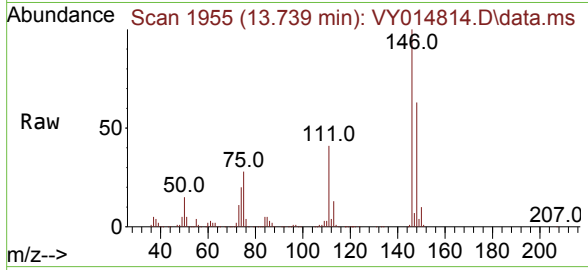




#91
1,2-Dichlorobenzene
Concen: 46.103 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

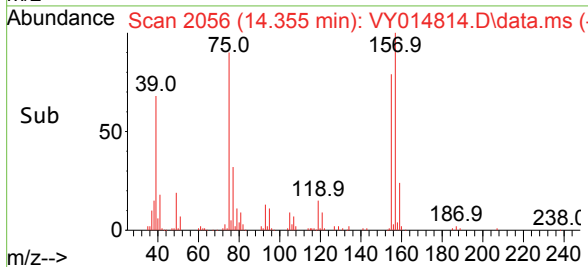
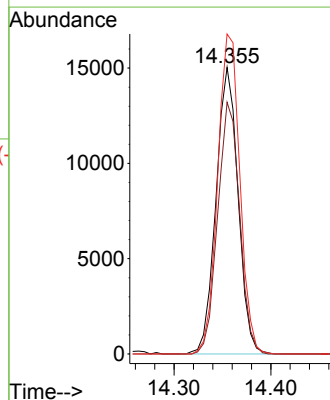
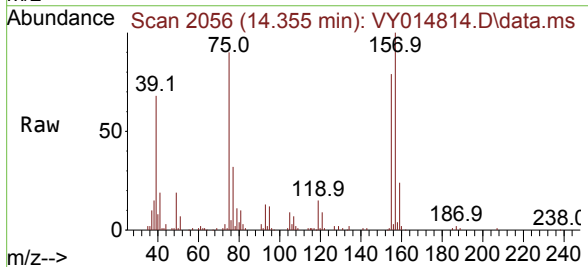
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

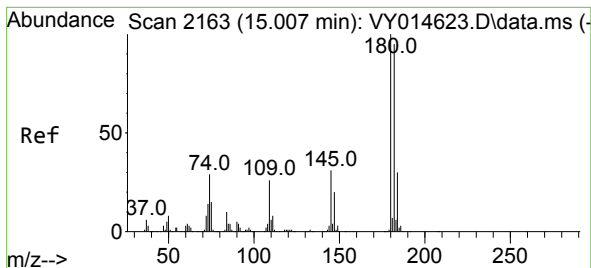
Tgt Ion:146 Resp: 227761
Ion Ratio Lower Upper
146 100
111 41.4 19.7 59.0
148 63.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.931 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014814.D
Acq: 25 Jul 2023 20:04

Tgt Ion: 75 Resp: 23783
Ion Ratio Lower Upper
75 100
155 87.1 41.5 124.6
157 112.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 44.110 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

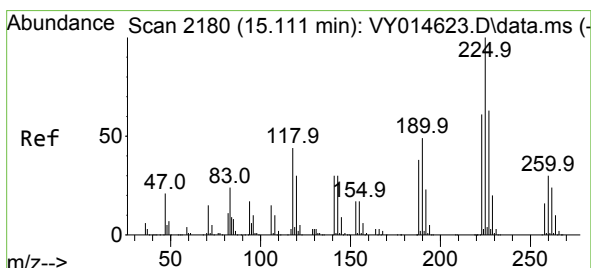
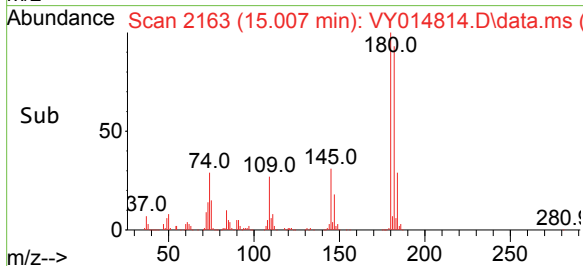
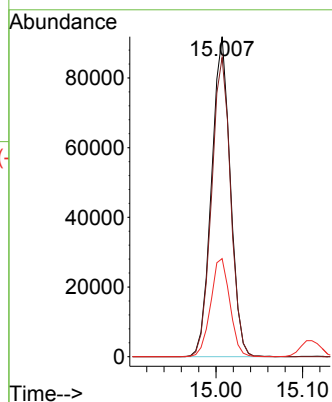
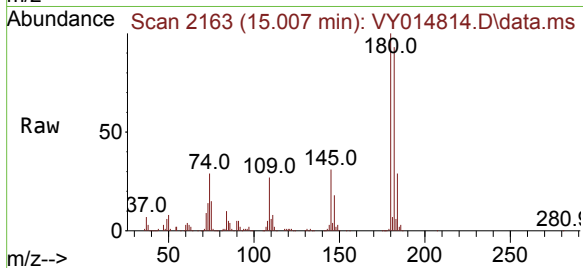
Tgt Ion:180 Resp: 138331

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 42.987 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

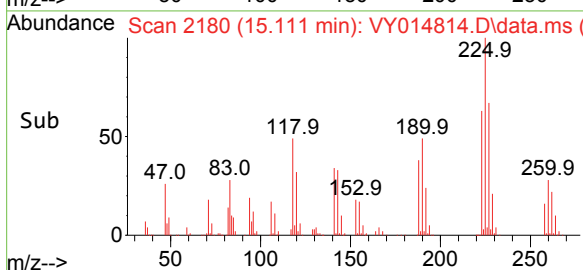
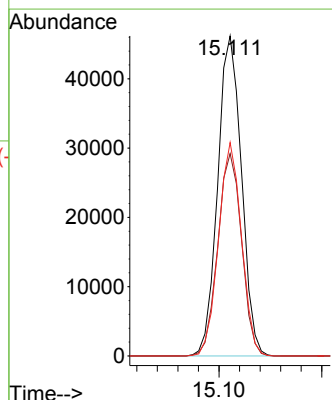
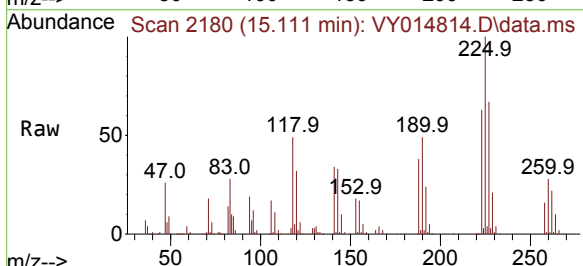
Tgt Ion:225 Resp: 74082

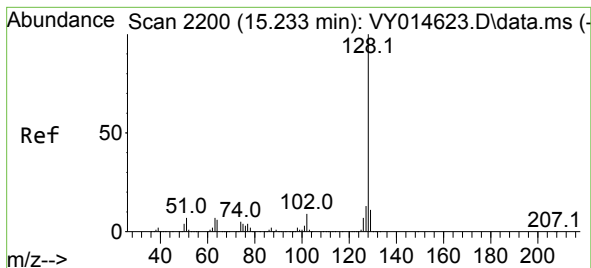
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 46.116 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

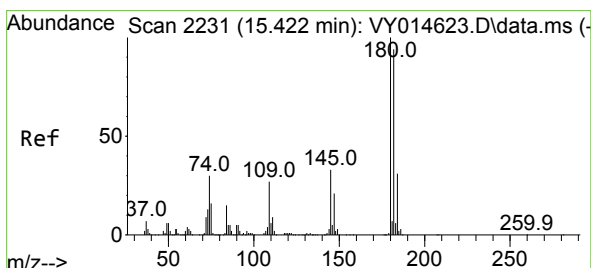
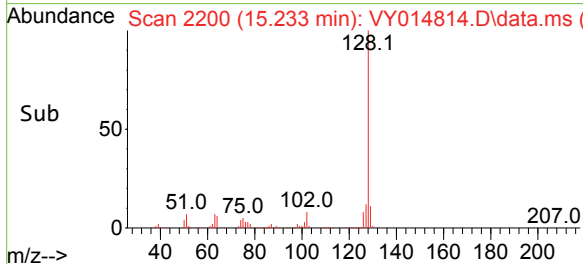
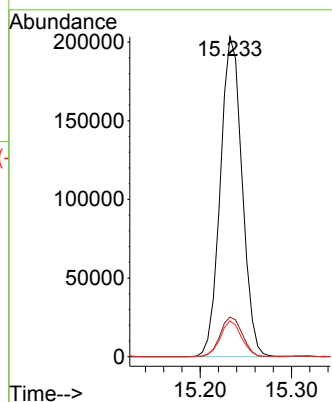
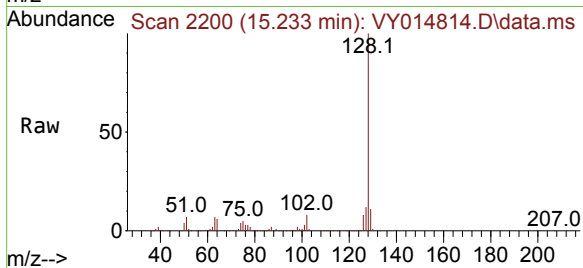
Tgt Ion:128 Resp: 336935

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: 44.795 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014814.D

Acq: 25 Jul 2023 20:04

Tgt Ion:180 Resp: 124851

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 32.8 15.4 46.2

