

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014867.D
 Acq On : 26 Jul 2023 22:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 01:15:22 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	203395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	317382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110942	47.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.740%
35) Dibromofluoromethane	7.716	113	100323	45.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.980%
50) Toluene-d8	10.179	98	356721	43.872	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.740%
62) 4-Bromofluorobenzene	12.477	95	141423	45.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62587	37.769	ug/l	98
3) Chloromethane	2.113	50	92944	49.897	ug/l	99
4) Vinyl Chloride	2.247	62	107950	51.854	ug/l	96
5) Bromomethane	2.638	94	89686	65.190	ug/l	100
6) Chloroethane	2.790	64	75845	58.325	ug/l	95
7) Trichlorofluoromethane	3.119	101	160356	45.864	ug/l	99
8) Diethyl Ether	3.528	74	63425	48.755	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	95648	44.632	ug/l	94
10) Methyl Iodide	4.088	142	88773	39.594	ug/l	98
11) Tert butyl alcohol	4.954	59	108828	224.539	ug/l #	85
12) 1,1-Dichloroethene	3.869	96	87584	43.728	ug/l	92
13) Acrolein	3.729	56	22823	94.212	ug/l	99
14) Allyl chloride	4.473	41	146430	41.175	ug/l	97
15) Acrylonitrile	5.161	53	192233	267.973	ug/l	98
16) Acetone	3.942	43	155332	211.488	ug/l	95
17) Carbon Disulfide	4.192	76	221305	38.593	ug/l	99
18) Methyl Acetate	4.473	43	159455	56.573	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	327196	50.290	ug/l	99
20) Methylene Chloride	4.710	84	122601	51.511	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	104084	45.792	ug/l	95
22) Diisopropyl ether	6.119	45	342172	47.325	ug/l	91
23) Vinyl Acetate	6.058	43	1015240	234.639	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	194753	47.075	ug/l	96
25) 2-Butanone	6.984	43	267294	248.755	ug/l	96
26) 2,2-Dichloropropane	6.978	77	157018	39.824	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	129200	48.833	ug/l	94
28) Bromochloromethane	7.332	49	81977	46.009	ug/l	92
29) Tetrahydrofuran	7.350	42	177854	268.806	ug/l	91
30) Chloroform	7.502	83	211840	49.656	ug/l	99
31) Cyclohexane	7.783	56	149241	38.789	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	181162	47.182	ug/l	99
36) 1,1-Dichloropropene	7.917	75	144403	43.783	ug/l	99
37) Ethyl Acetate	7.076	43	114363	50.364	ug/l	95
38) Carbon Tetrachloride	7.899	117	158175	45.369	ug/l	99
39) Methylcyclohexane	9.185	83	176245	41.017	ug/l	93
40) Benzene	8.161	78	433856	46.253	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	163771	140.218	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	147887	49.787	ug/l	95
43) Isopropyl Acetate	8.271	43	210739	48.719	ug/l	96
44) Trichloroethene	8.941	130	123020	46.875	ug/l	98
45) 1,2-Dichloropropane	9.216	63	113383	46.291	ug/l	97
46) Dibromomethane	9.301	93	74707	50.277	ug/l	96
47) Bromodichloromethane	9.496	83	171705	49.029	ug/l	98
48) Methyl methacrylate	9.295	41	95640	49.137	ug/l	93
49) 1,4-Dioxane	9.295	88	25937	1070.503	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	604307	266.083	ug/l	93
52) Toluene	10.240	92	280804	46.783	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	173939	45.406	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	188160	45.168	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	105703	51.069	ug/l	96
56) Ethyl methacrylate	10.508	69	158544	50.168	ug/l	91
57) 1,3-Dichloropropane	10.788	76	176141	49.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	348372	236.587	ug/l	94
59) 2-Hexanone	10.831	43	431369	260.453	ug/l	91
60) Dibromochloromethane	10.984	129	126238	49.745	ug/l	98
61) 1,2-Dibromoethane	11.087	107	104162	50.446	ug/l	98
64) Tetrachloroethene	10.721	164	125881	49.315	ug/l	96
65) Chlorobenzene	11.514	112	314286	46.469	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	124206	48.707	ug/l	99
67) Ethyl Benzene	11.593	91	552521	45.247	ug/l	97
68) m/p-Xylenes	11.703	106	421945	90.520	ug/l	96
69) o-Xylene	12.026	106	210458	46.355	ug/l	98
70) Styrene	12.044	104	362598	47.385	ug/l	97
71) Bromoform	12.203	173	84195	48.710	ug/l #	100
73) Isopropylbenzene	12.325	105	550534	43.865	ug/l	100
74) N-amyl acetate	12.142	43	188603	44.868	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	133951	46.801	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	172774	85.346	ug/l #	100
77) Bromobenzene	12.605	156	133151	46.477	ug/l	97
78) n-propylbenzene	12.672	91	651183	43.057	ug/l	100
79) 2-Chlorotoluene	12.752	91	373121	42.833	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	458907	43.782	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	41202	39.406	ug/l	96
82) 4-Chlorotoluene	12.855	91	387245	43.164	ug/l	100
83) tert-Butylbenzene	13.075	119	406156	43.682	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	455933	44.323	ug/l	99
85) sec-Butylbenzene	13.251	105	593715	43.529	ug/l	100
86) p-Isopropyltoluene	13.367	119	500605	44.953	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	258353	46.334	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	258486	46.262	ug/l	98
89) n-Butylbenzene	13.696	91	470048	43.385	ug/l	97
90) Hexachloroethane	13.959	117	100502	43.938	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	240791	47.135	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26000	47.502	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	155338	47.901	ug/l	97
94) Hexachlorobutadiene	15.111	225	81412	45.684	ug/l	99
95) Naphthalene	15.233	128	388228	51.386	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	141581	49.125	ug/l	98

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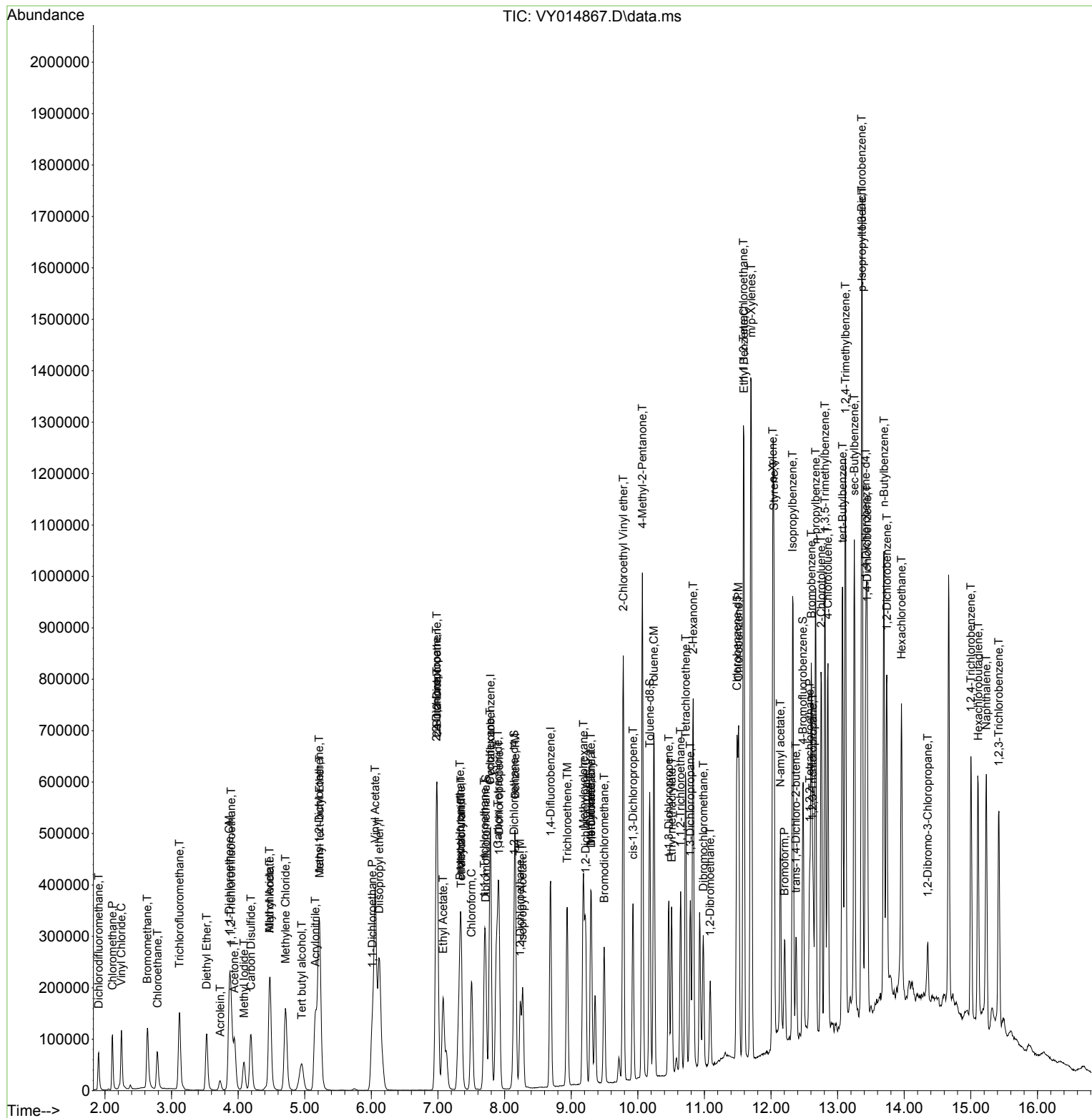
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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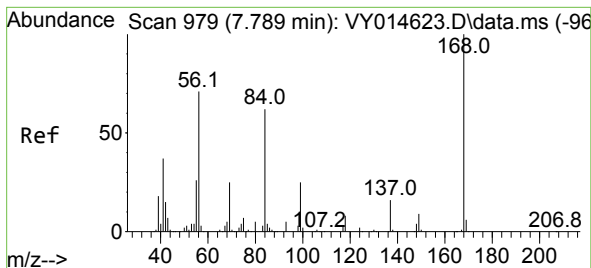
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY014867.D

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Instrument :

MSVOA_Y

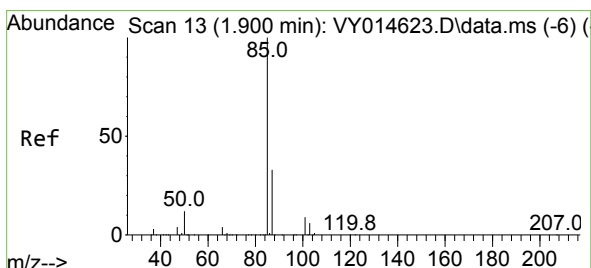
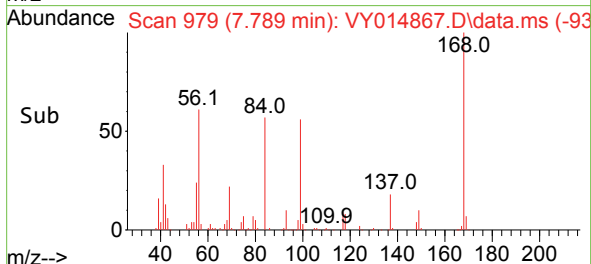
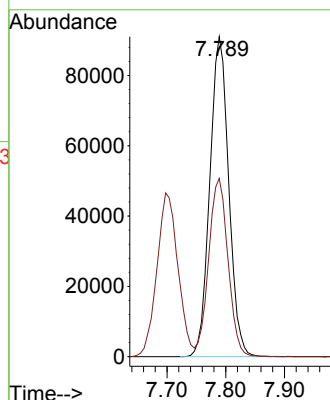
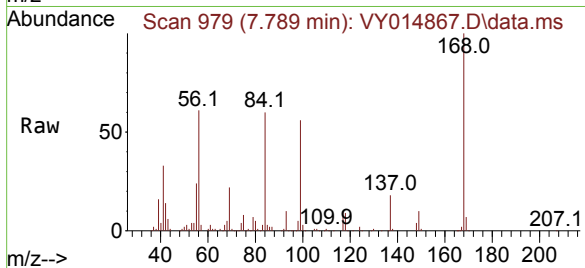
ClientSampleId :

Tgt Ion:168 Resp: 203395

Ion Ratio Lower Upper

168 100

99 55.6 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 37.769 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY014867.D

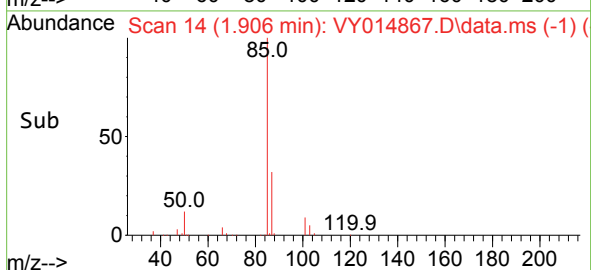
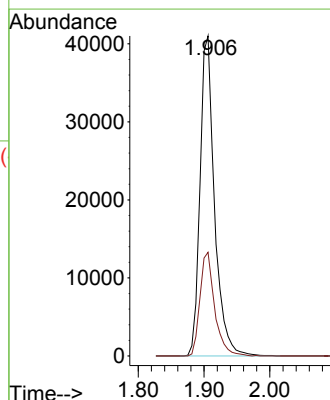
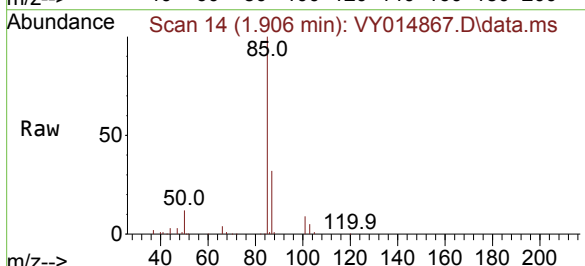
Acq: 26 Jul 2023 22:09

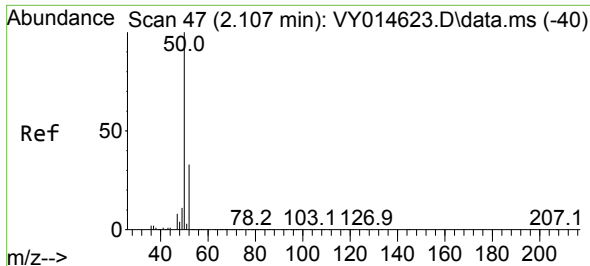
Tgt Ion: 85 Resp: 62587

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8

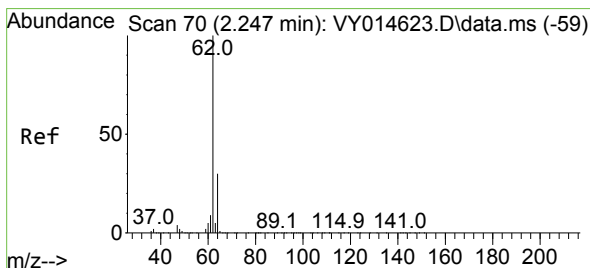
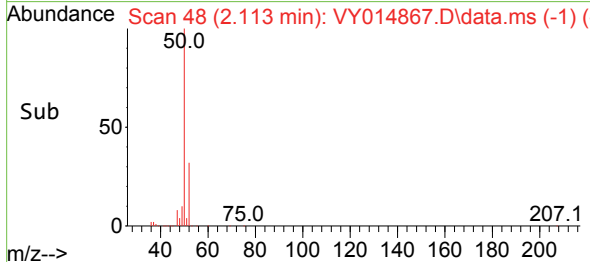
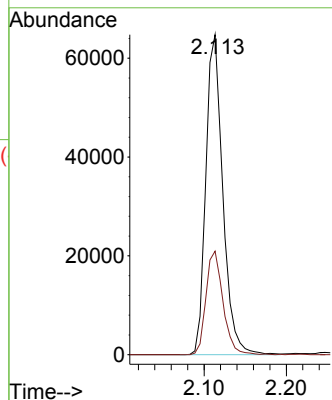
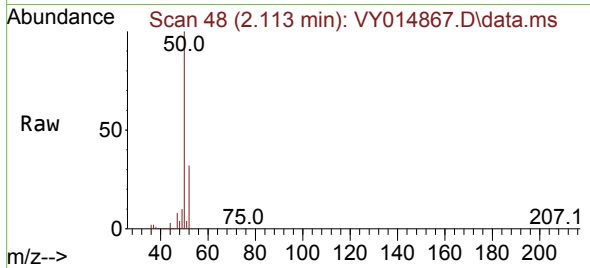




#3
Chloromethane
Concen: 49.897 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

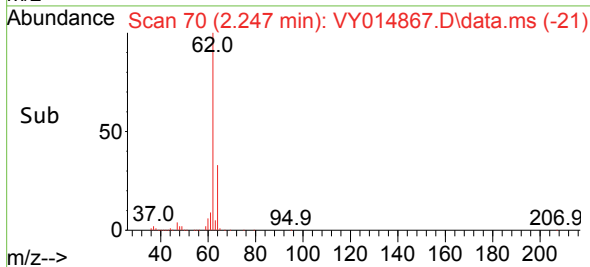
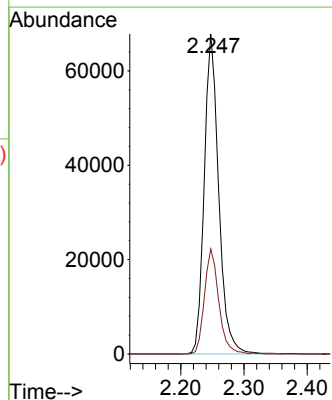
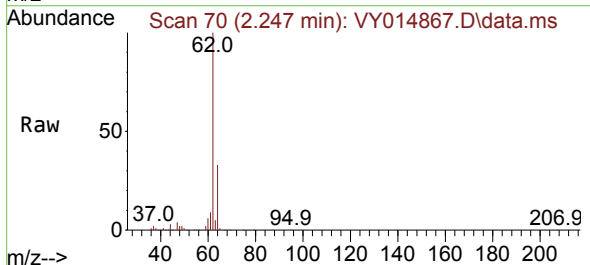
Instrument :
MSVOA_Y
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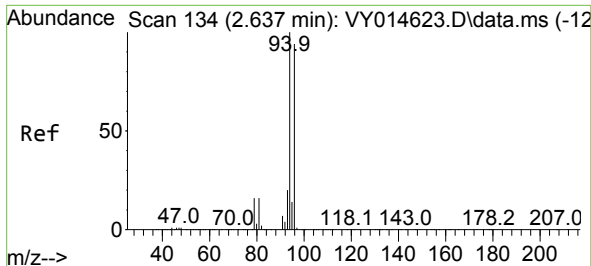
Tgt Ion: 50 Resp: 92944
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 51.854 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 62 Resp: 107950
Ion Ratio Lower Upper
62 100
64 32.8 24.3 36.5

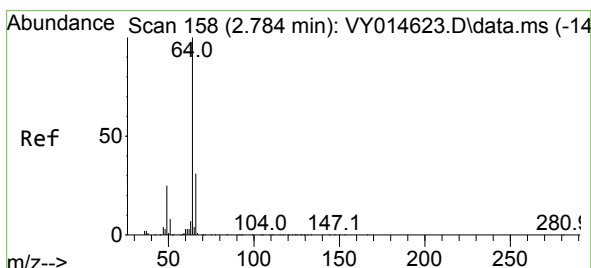
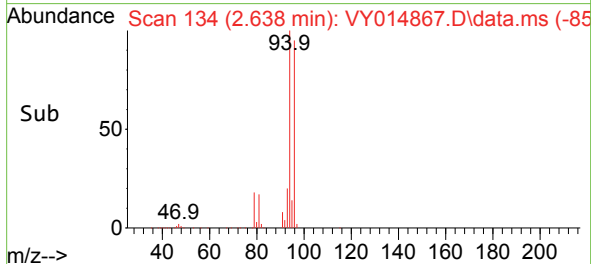
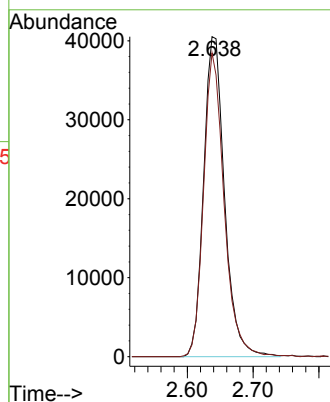
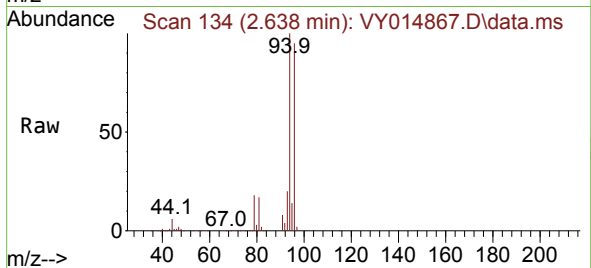




#5
Bromomethane
Concen: 65.190 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014867.D
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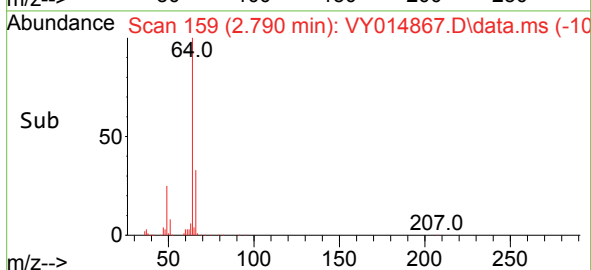
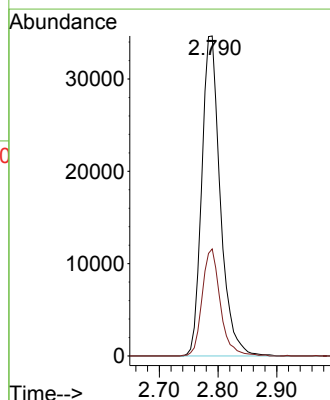
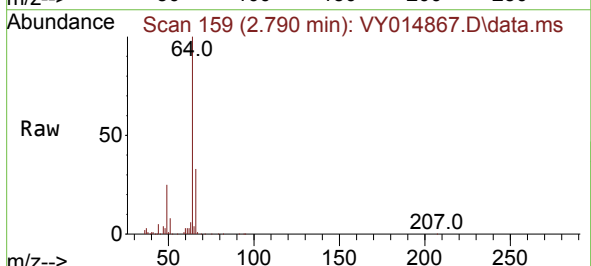
Instrument :
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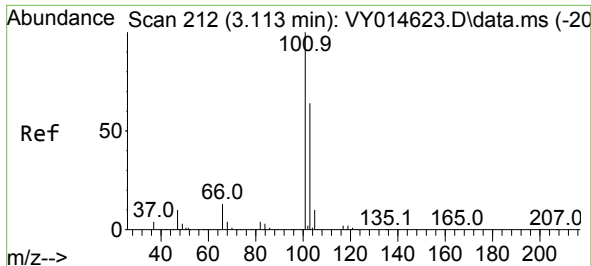
Tgt Ion: 94 Resp: 89686
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6



#6
Chloroethane
Concen: 58.325 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 64 Resp: 75845
Ion Ratio Lower Upper
64 100
66 33.5 24.4 36.6

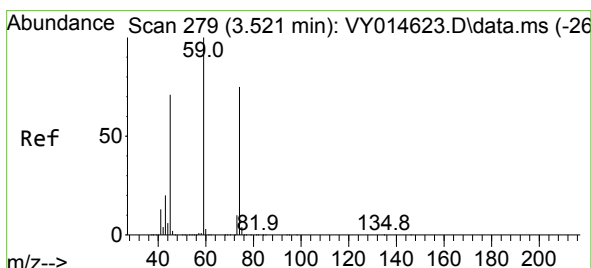
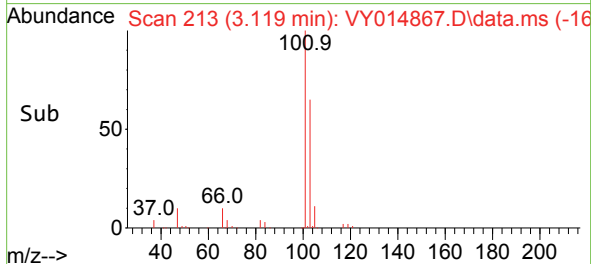
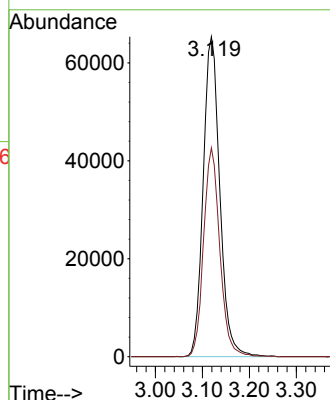
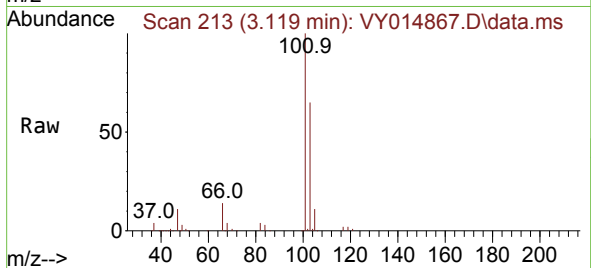




#7
 Trichlorofluoromethane
 Concen: 45.864 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY014867.D
 Acq: 26 Jul 2023 22:09

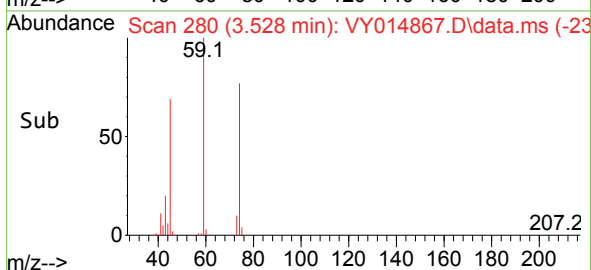
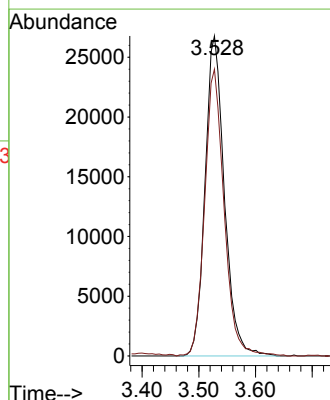
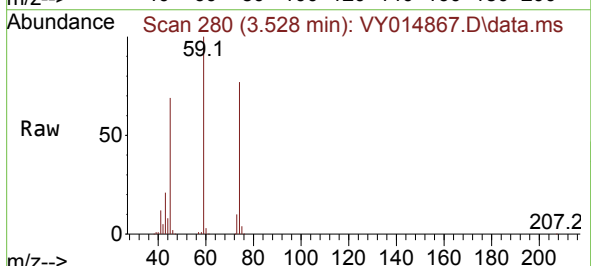
Instrument :
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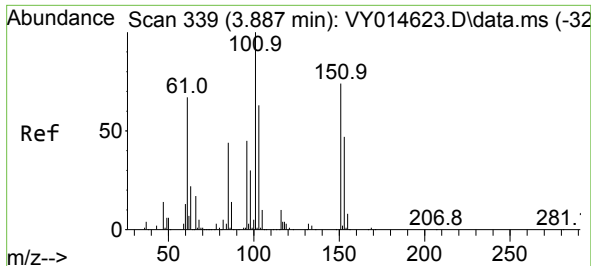
Tgt Ion:101 Resp: 160356
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.755 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 63425
 Ion Ratio Lower Upper
 74 100
 45 90.1 51.5 154.5

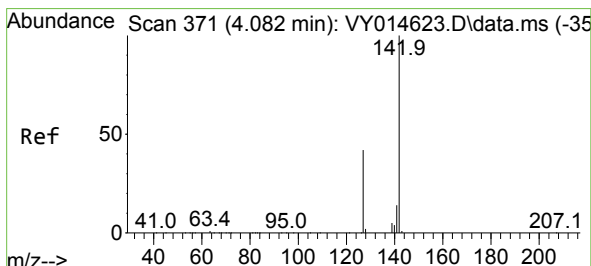
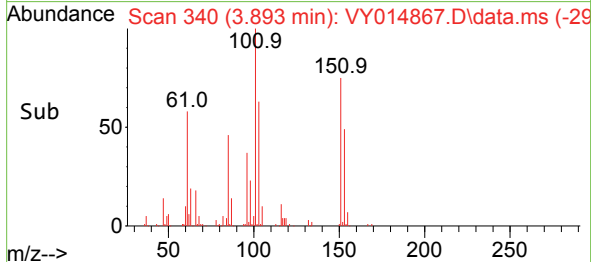
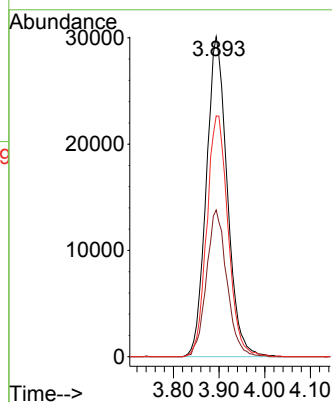
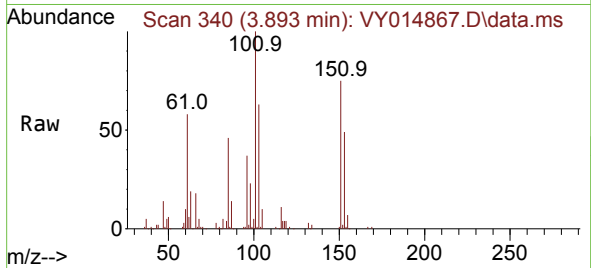




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.632 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

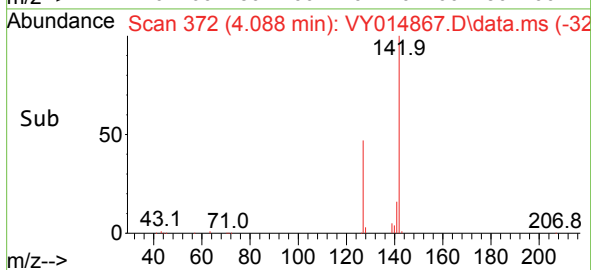
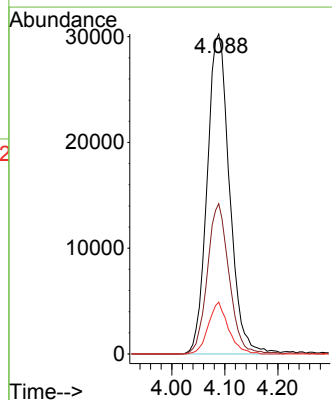
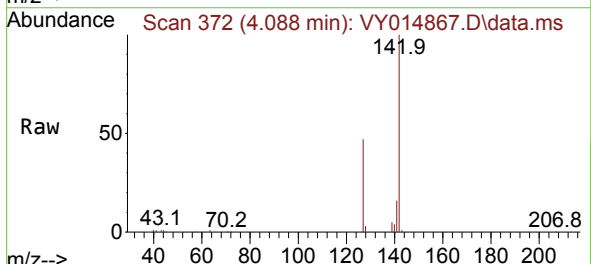
Instrument :
MSVOA_Y
ClientSampleId :

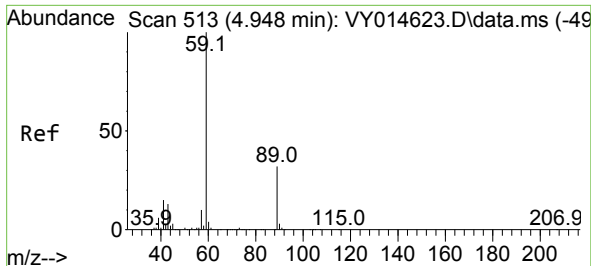
Tgt Ion:101 Resp: 95648
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 76.5 67.0 100.6



#10
Methyl Iodide
Concen: 39.594 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

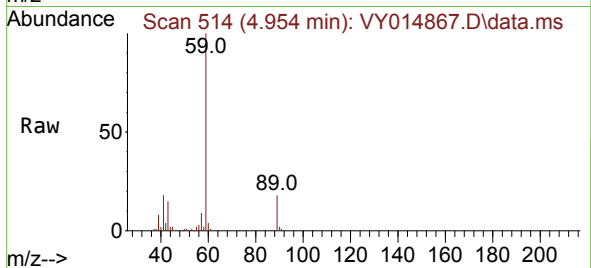
Tgt Ion:142 Resp: 88773
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.6 11.8 17.8



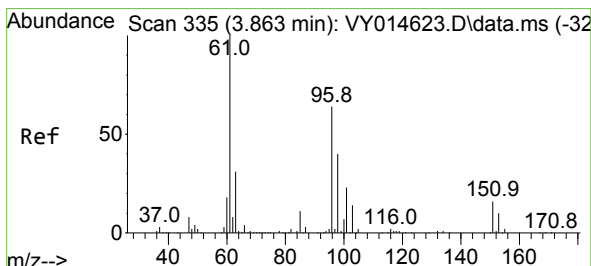
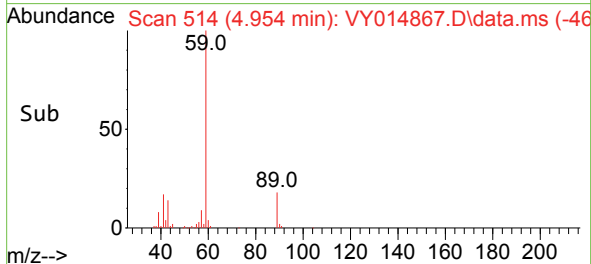
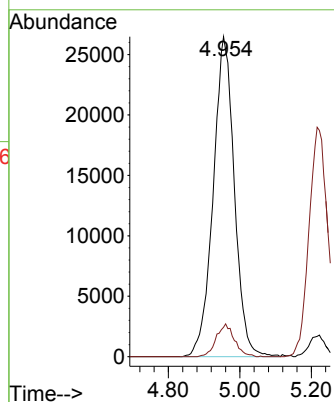


#11
Tert butyl alcohol
Concen: 224.539 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Instrument :
MSVOA_Y
ClientSampleId :

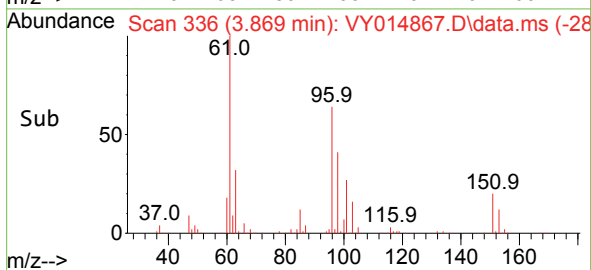
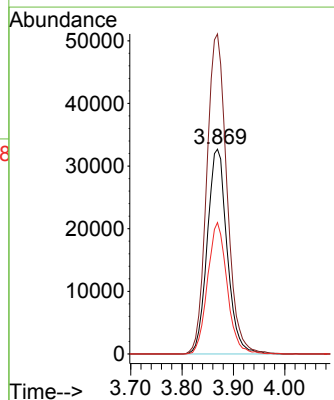
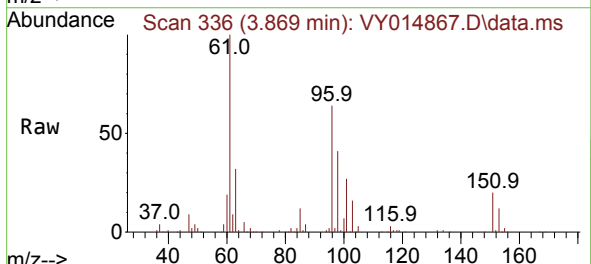


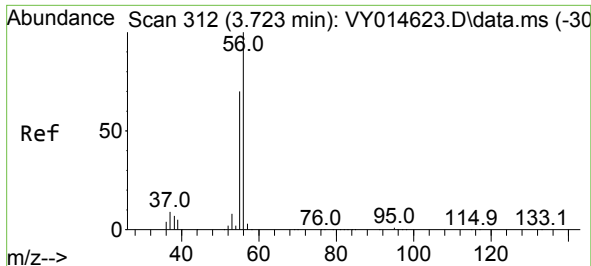
Tgt Ion: 59 Resp: 108828
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 43.728 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 96 Resp: 87584
Ion Ratio Lower Upper
96 100
61 156.3 136.4 204.6
98 64.2 49.4 74.2

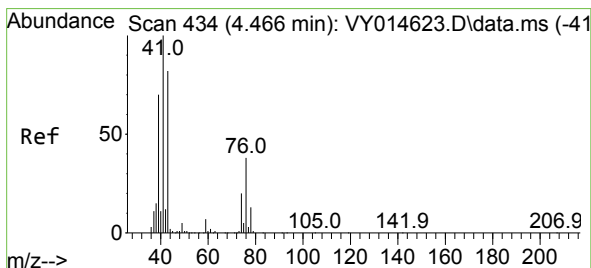
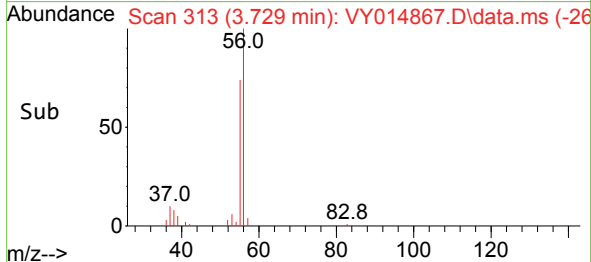
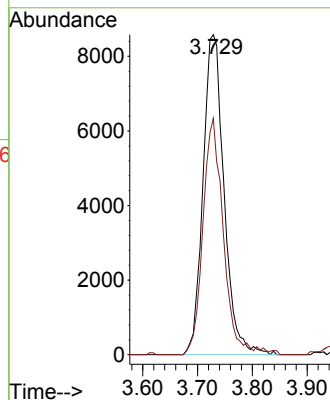
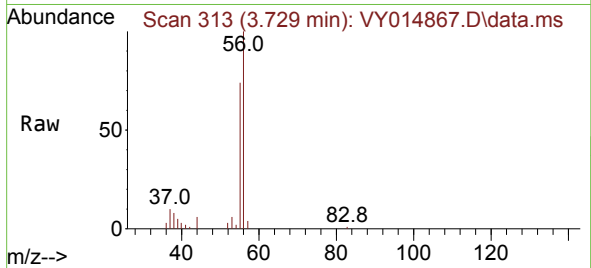




#13
Acrolein
Concen: 94.212 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

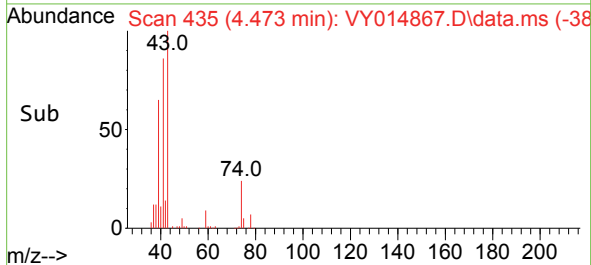
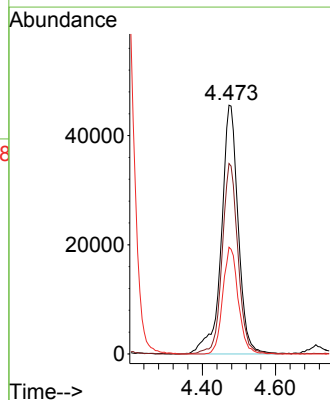
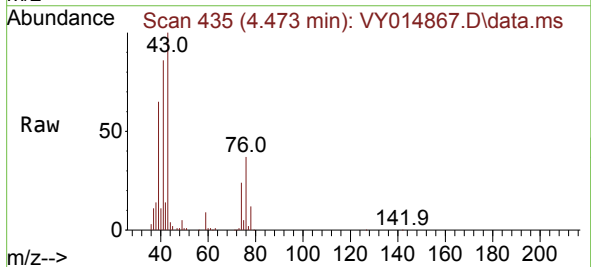
Instrument :
MSVOA_Y
ClientSampleId :

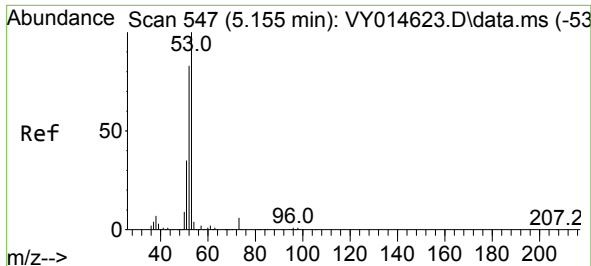
Tgt Ion: 56 Resp: 22823
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.4



#14
Allyl chloride
Concen: 41.175 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

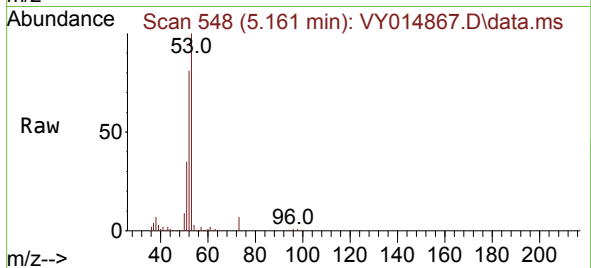
Tgt Ion: 41 Resp: 146430
Ion Ratio Lower Upper
41 100
39 72.2 58.0 87.0
76 39.3 27.4 41.2



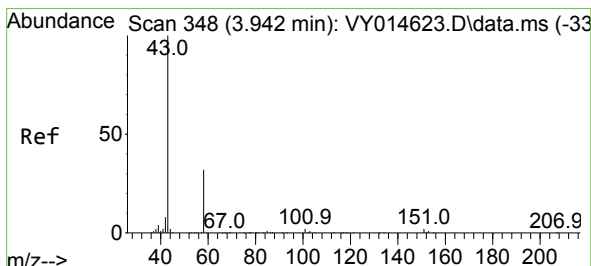
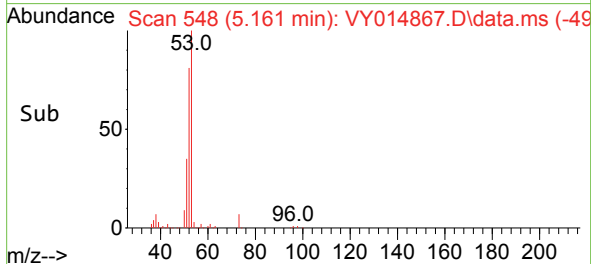
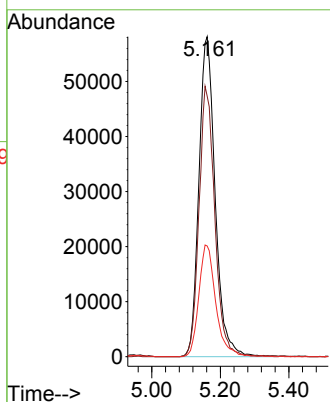


#15
Acrylonitrile
Concen: 267.973 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Instrument :
MSVOA_Y
ClientSampleId :

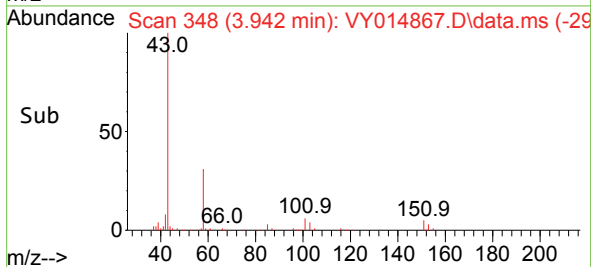
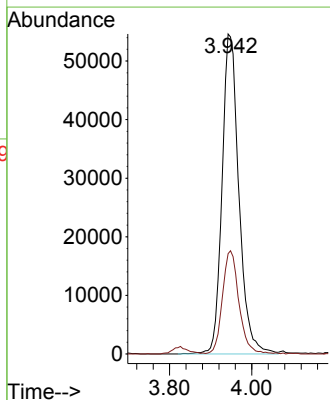
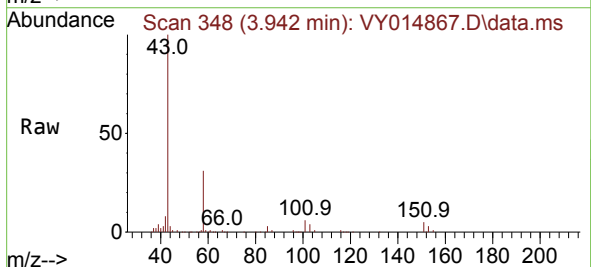


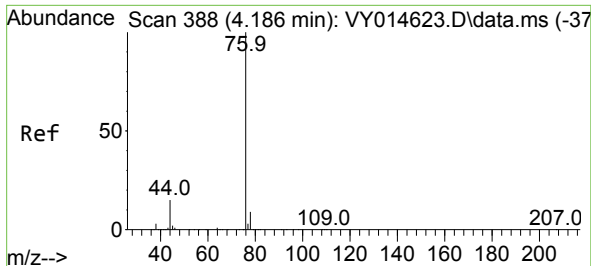
Tgt Ion: 53 Resp: 192233
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 211.488 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 43 Resp: 155332
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1

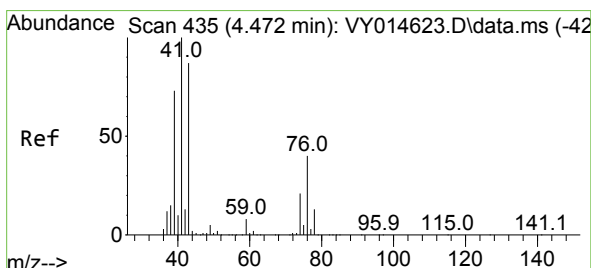
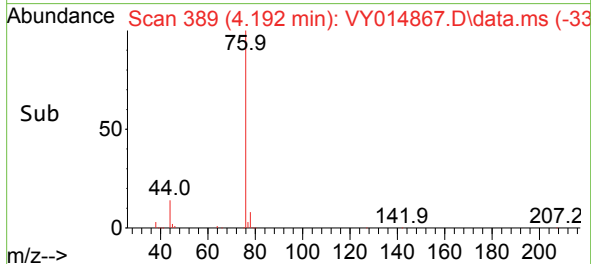
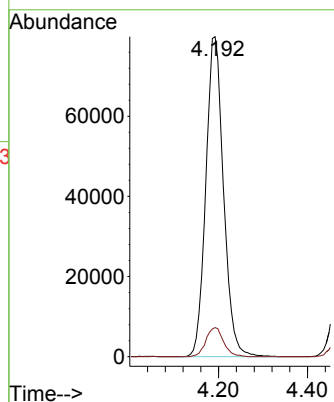
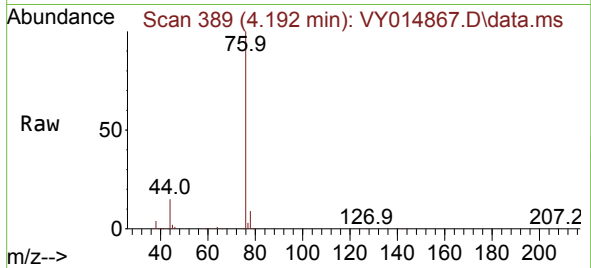




#17
Carbon Disulfide
Concen: 38.593 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

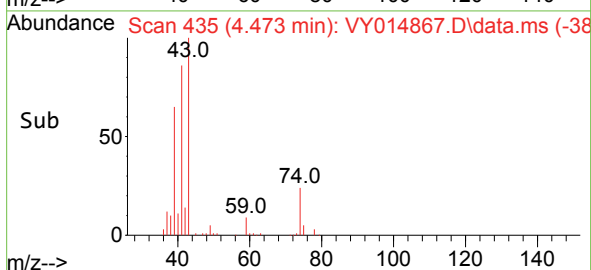
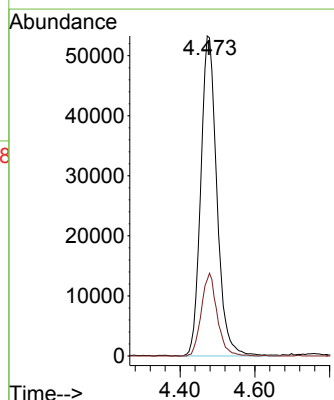
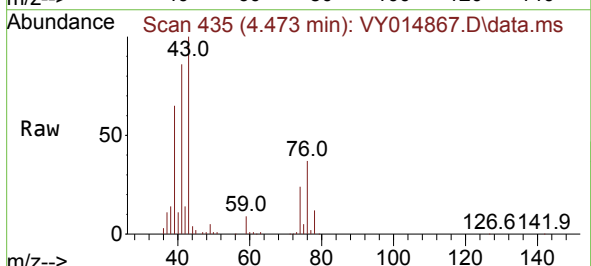
Instrument :
MSVOA_Y
ClientSampleId :

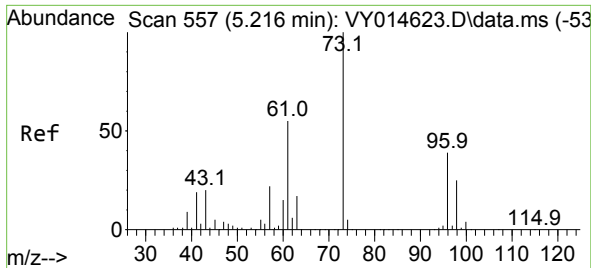
Tgt Ion: 76 Resp: 221305
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 56.573 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 43 Resp: 159455
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0

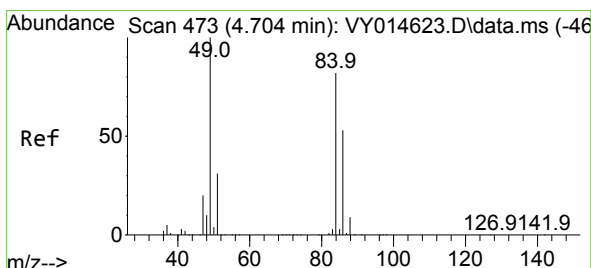
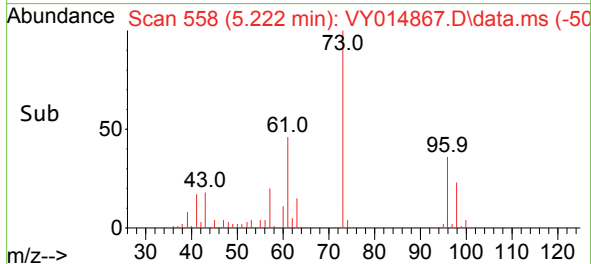
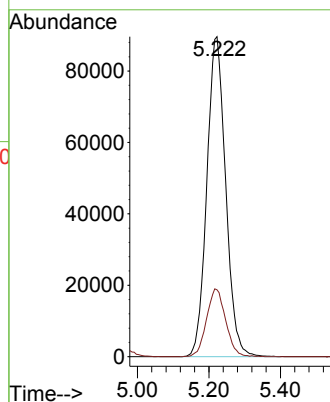
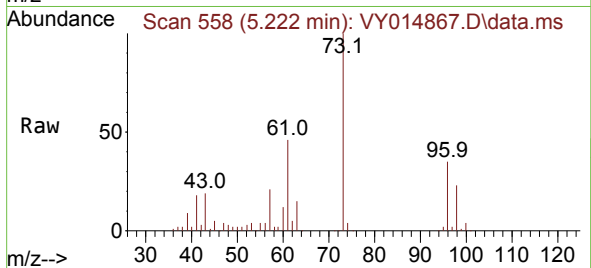




#19
Methyl tert-butyl Ether
Concen: 50.290 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

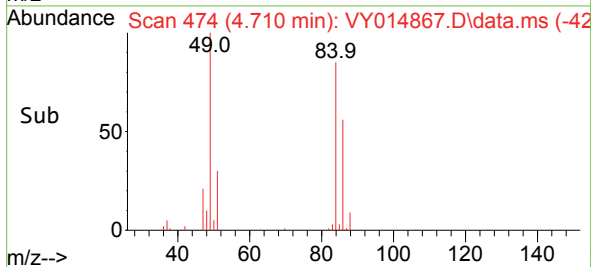
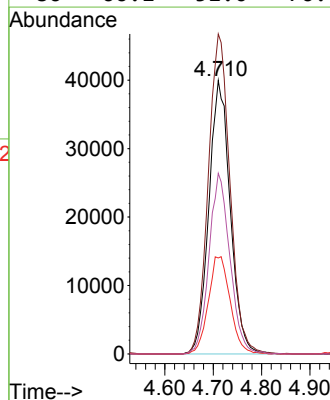
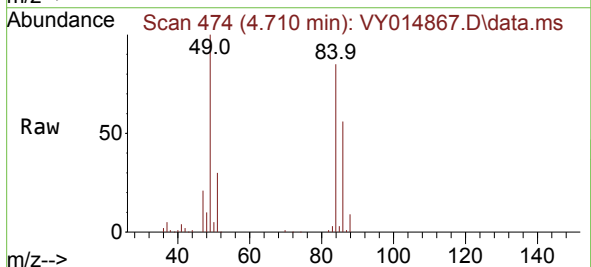
Instrument :
MSVOA_Y
ClientSampleId :

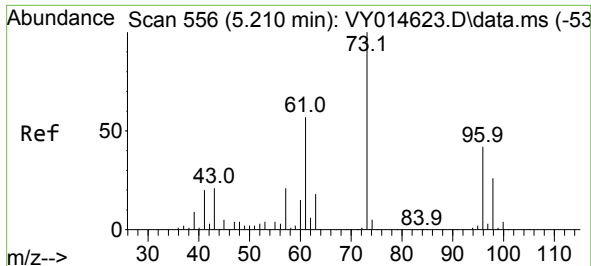
Tgt Ion: 73 Resp: 327196
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 51.511 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

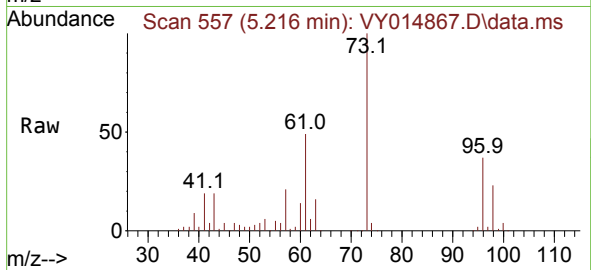
Tgt Ion: 84 Resp: 122601
Ion Ratio Lower Upper
84 100
49 117.0 106.9 160.3
51 35.1 33.2 49.8
86 66.1 51.0 76.6



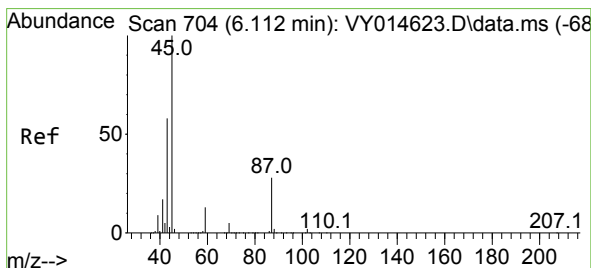
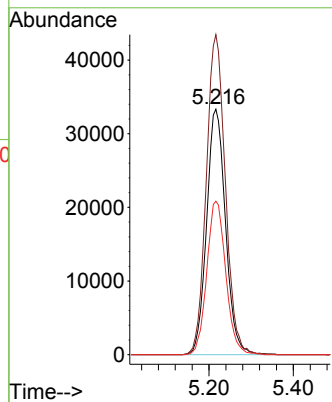
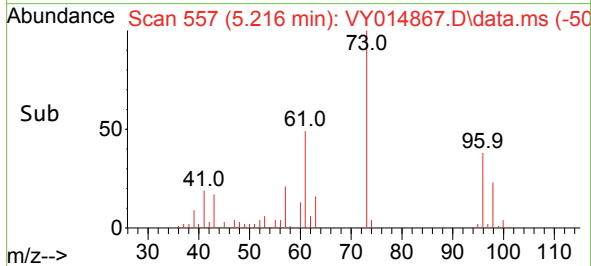


#21
trans-1,2-Dichloroethene
Concen: 45.792 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

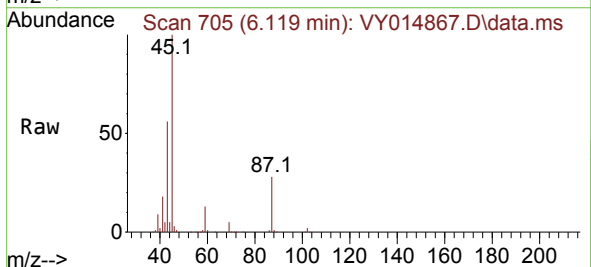
Instrument :
MSVOA_Y
ClientSampleId :



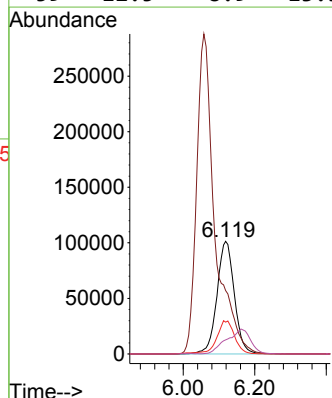
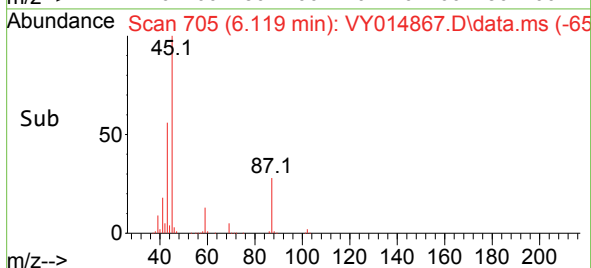
Tgt Ion: 96 Resp: 104084
Ion Ratio Lower Upper
96 100
61 130.4 110.2 165.4
98 62.5 51.8 77.6

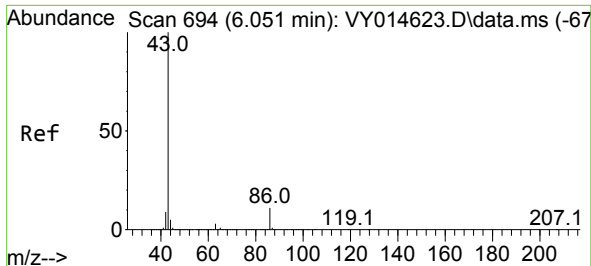


#22
Diisopropyl ether
Concen: 47.325 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09



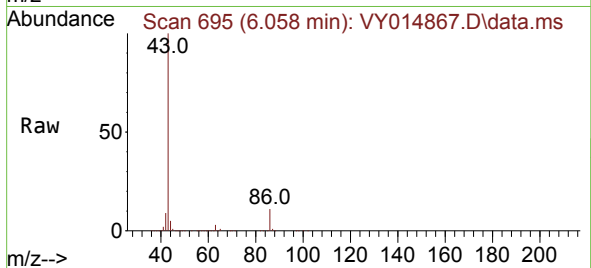
Tgt Ion: 45 Resp: 342172
Ion Ratio Lower Upper
45 100
43 56.0 52.2 78.4
87 28.3 21.0 31.6
59 12.5 8.9 13.3



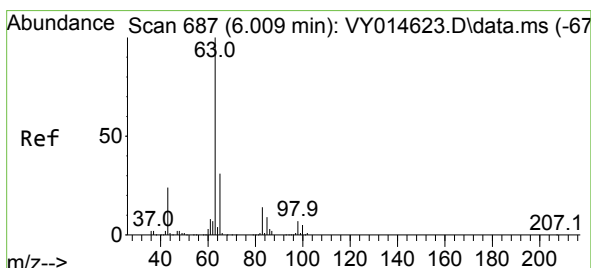
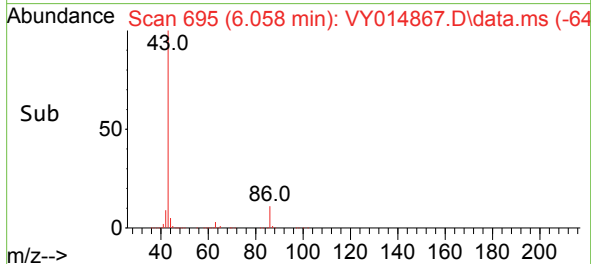
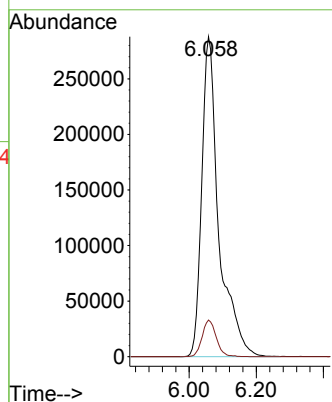


#23
 Vinyl Acetate
 Concen: 234.639 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VY014867.D
 Acq: 26 Jul 2023 22:09

Instrument :
 MSVOA_Y
 ClientSampleId :

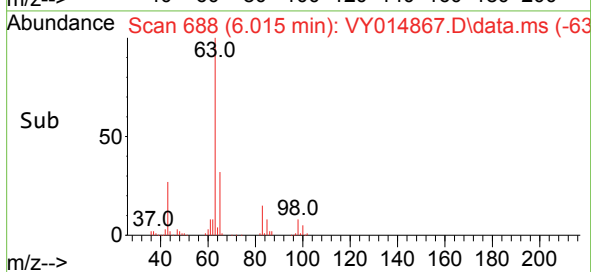
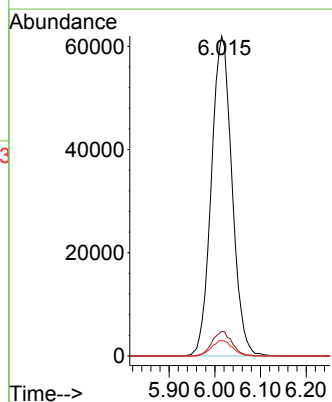
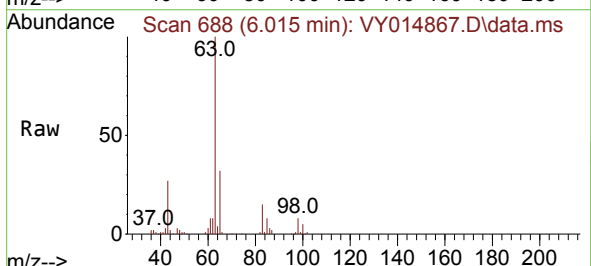


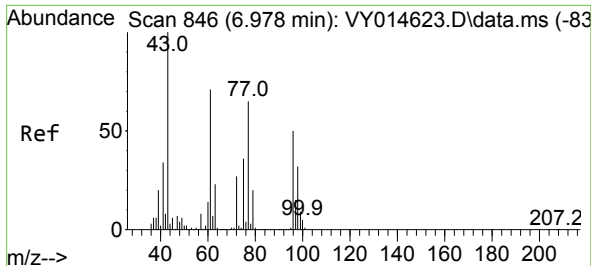
Tgt Ion: 43 Resp: 1015240
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 47.075 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014867.D
 Acq: 26 Jul 2023 22:09

Tgt Ion: 63 Resp: 194753
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.9 1.8 5.5

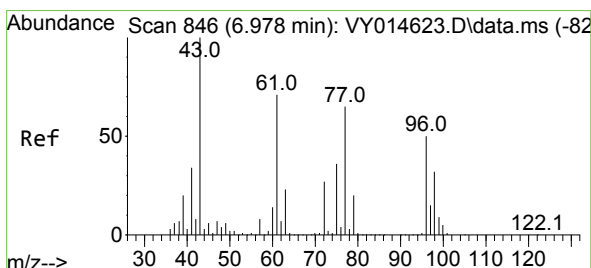
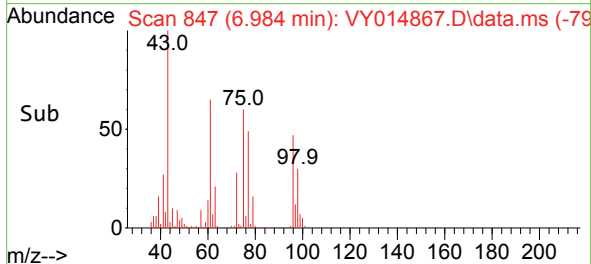
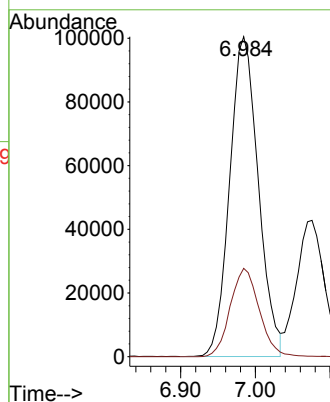
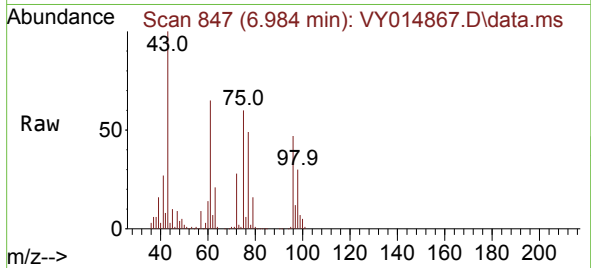




#25
2-Butanone
Concen: 248.755 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

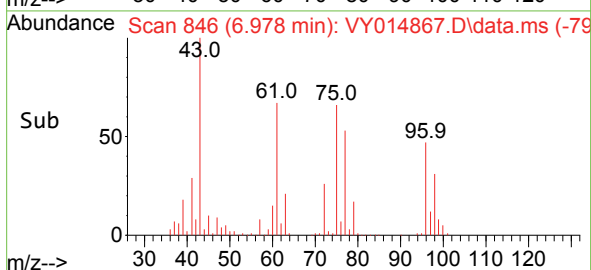
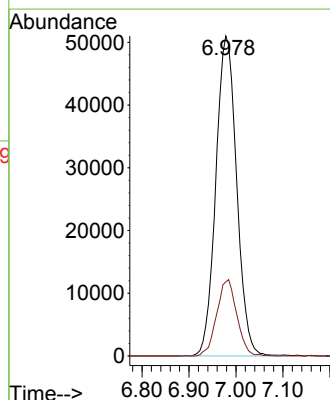
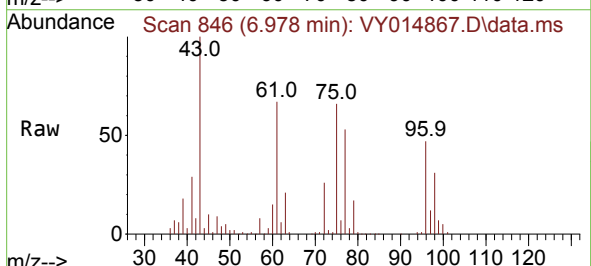
Instrument :
MSVOA_Y
ClientSampleId :

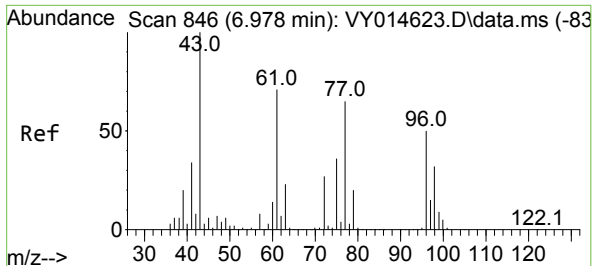
Tgt Ion: 43 Resp: 267294
Ion Ratio Lower Upper
43 100
72 27.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 39.824 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 77 Resp: 157018
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9

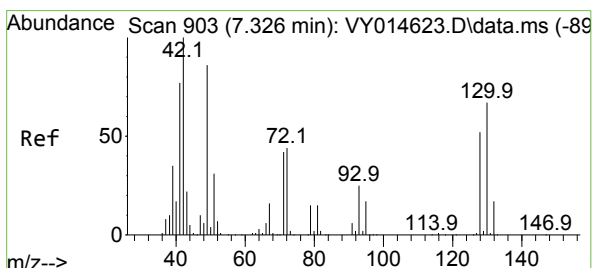
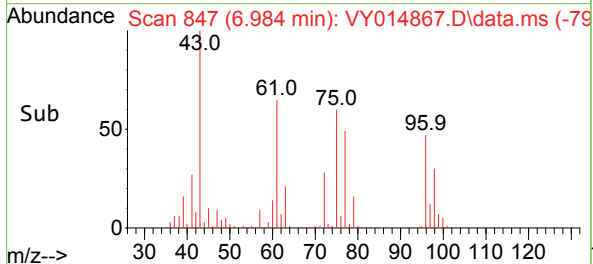
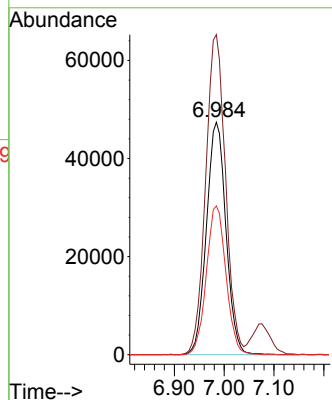
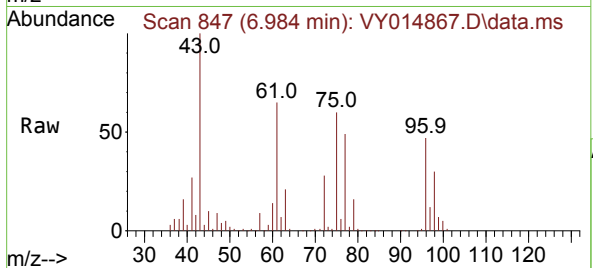




#27
 cis-1,2-Dichloroethene
 Concen: 48.833 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY014867.D
 Acq: 26 Jul 2023 22:09

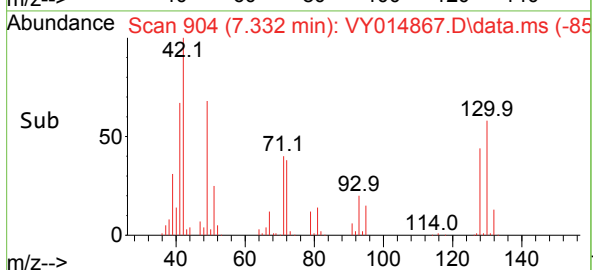
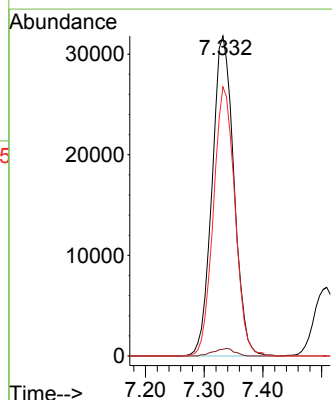
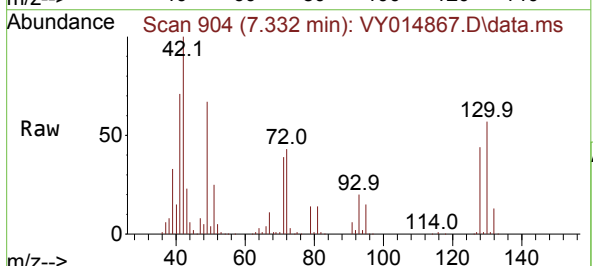
Instrument :
 MSVOA_Y
 ClientSampleId :

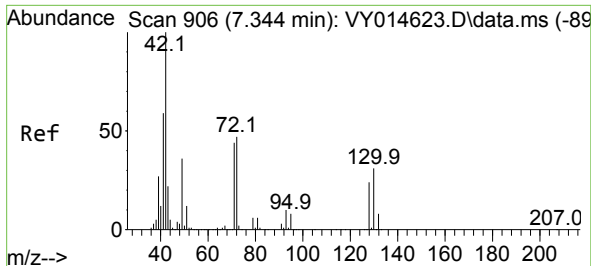
Tgt Ion: 96 Resp: 129200
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 301.4
 98 64.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 46.009 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY014867.D
 Acq: 26 Jul 2023 22:09

Tgt Ion: 49 Resp: 81977
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 83.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 268.806 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

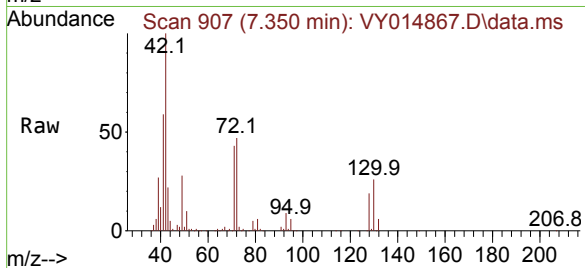
Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

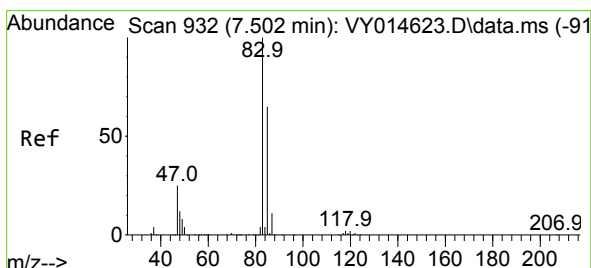
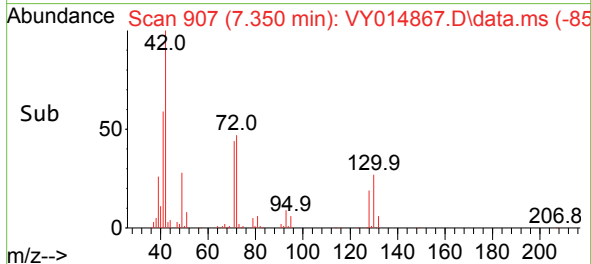
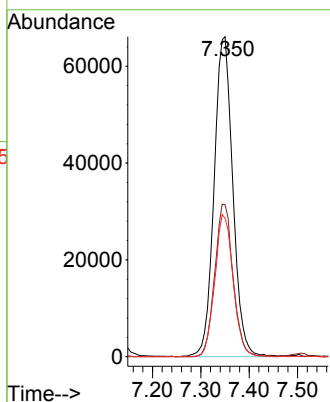
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	177854
Ion	Ratio	Lower	Upper
42	100		
72	46.6	32.8	49.2
71	43.6	31.0	46.4



#30

Chloroform

Concen: 49.656 ug/l

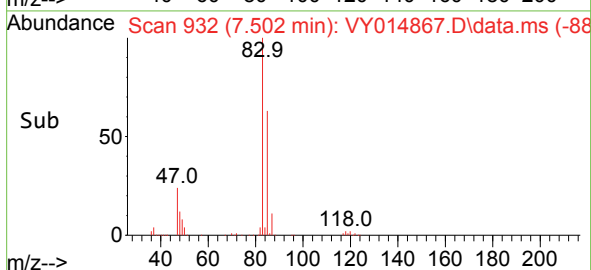
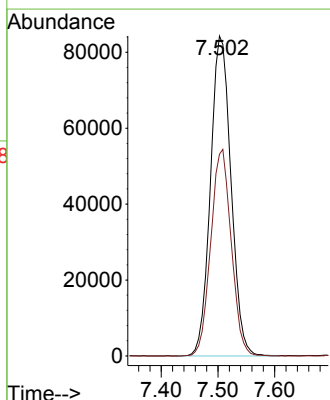
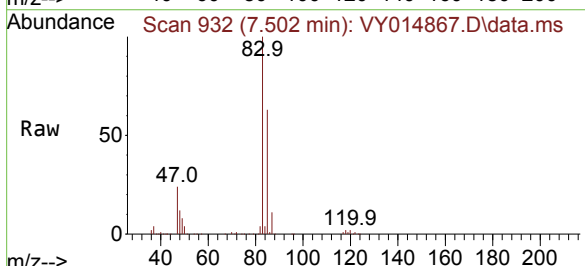
RT: 7.502 min Scan# 932

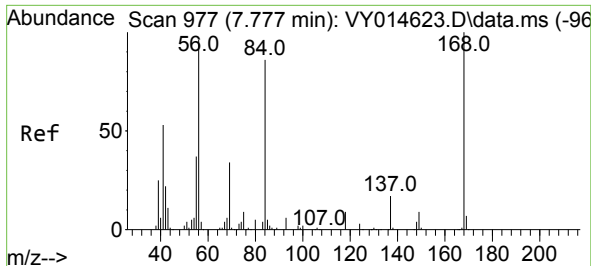
Delta R.T. 0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

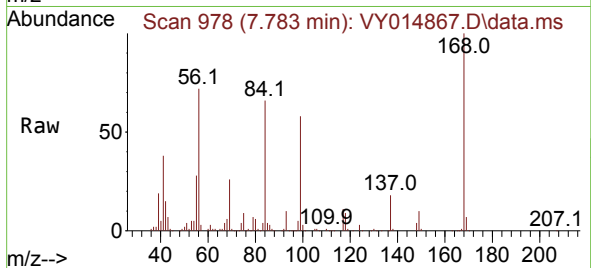
Tgt Ion:	83	Resp:	211840
Ion	Ratio	Lower	Upper
83	100		
85	63.0	49.7	74.5



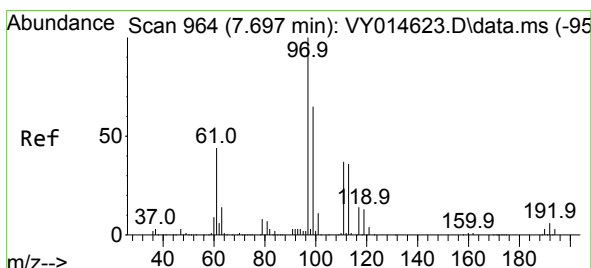
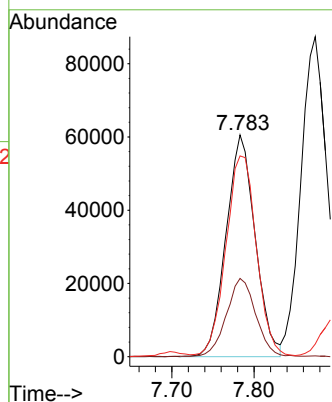
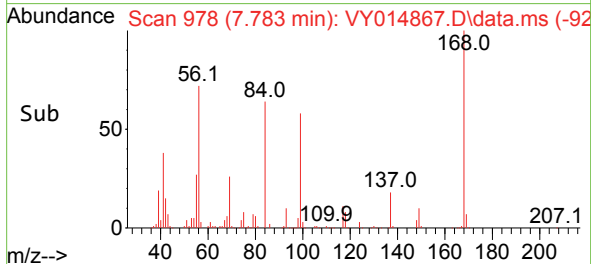


#31
Cyclohexane
Concen: 38.789 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Instrument :
MSVOA_Y
ClientSampleId :

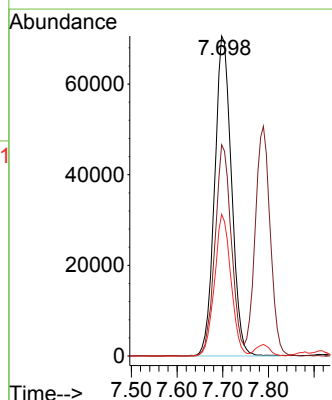
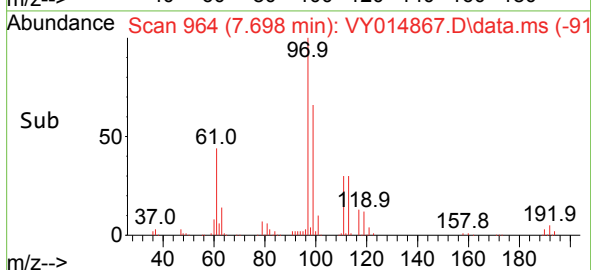
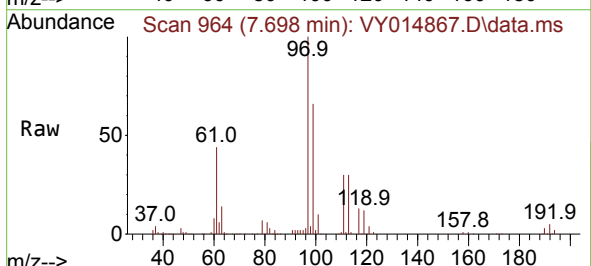


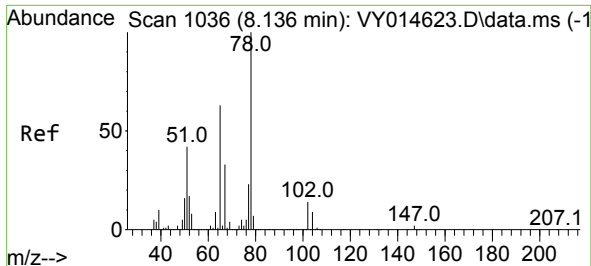
Tgt Ion: 56 Resp: 149241
Ion Ratio Lower Upper
56 100
69 35.1 27.8 41.6
84 89.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 47.182 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 97 Resp: 181162
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 43.0 35.1 52.7

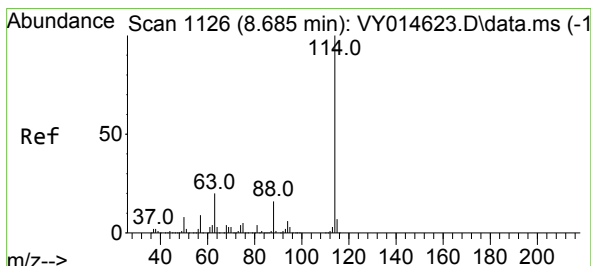
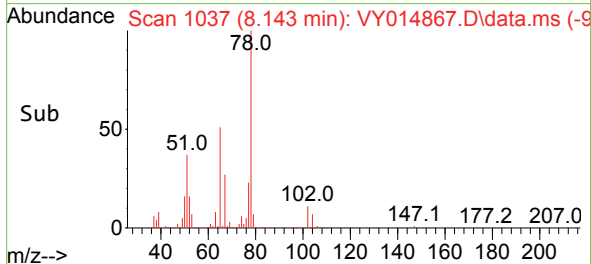
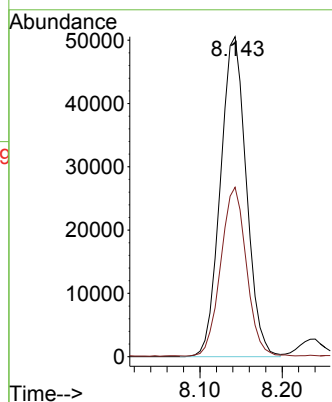
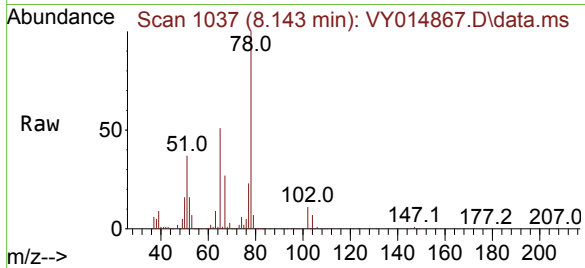




#33
1,2-Dichloroethane-d4
Concen: 47.866 ug/l
RT: 8.143 min Scan# 110942
Delta R.T. 0.007 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

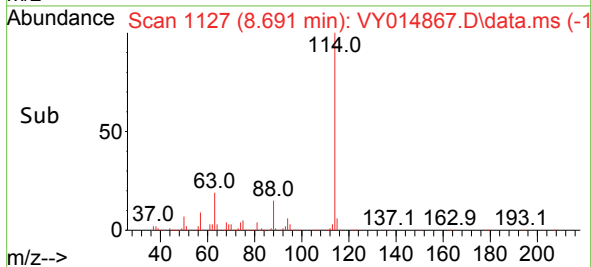
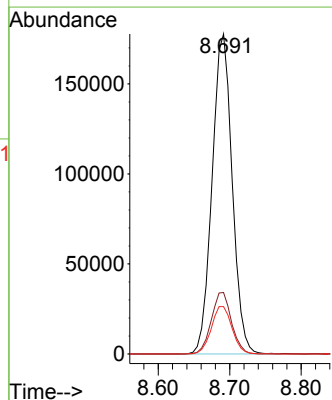
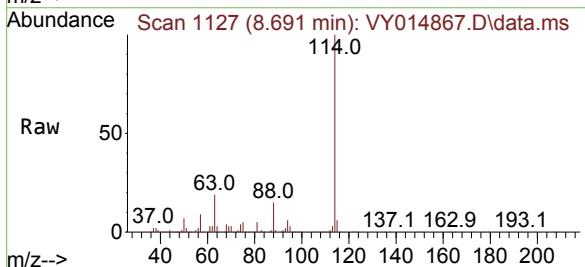
Instrument :
MSVOA_Y
ClientSampleId :

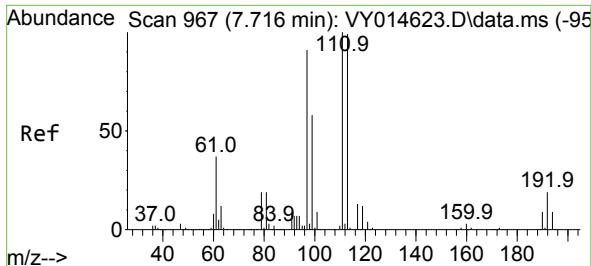
Tgt Ion: 65 Resp: 110942
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion:114 Resp: 346449
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 14.8 0.0 30.6

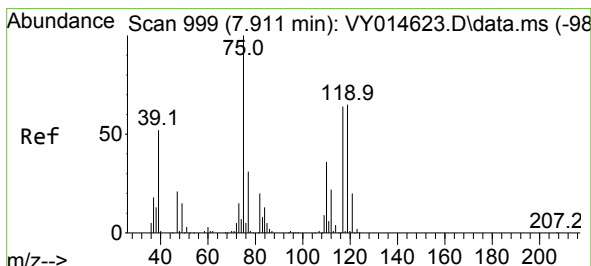
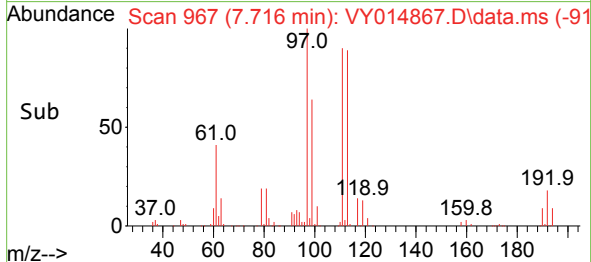
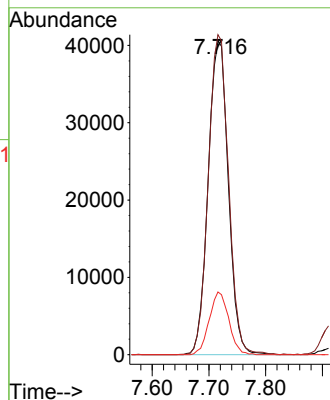
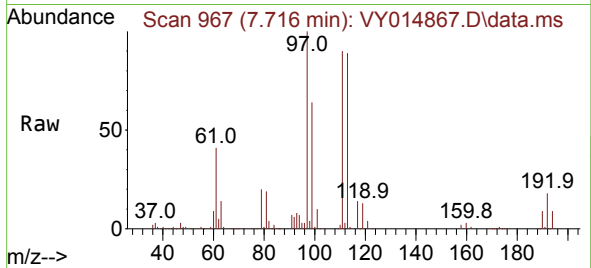




#35
Dibromofluoromethane
Concen: 45.489 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

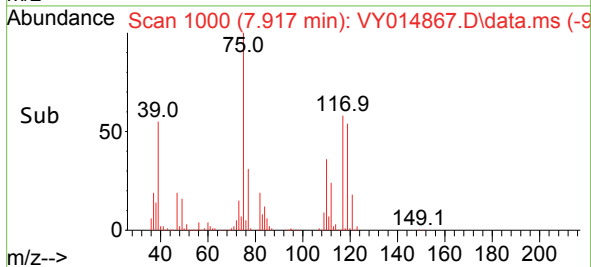
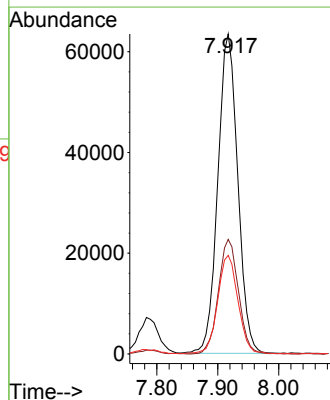
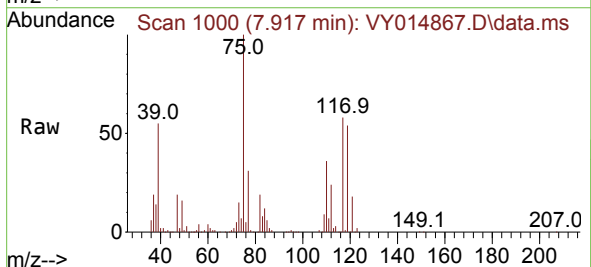
Instrument :
MSVOA_Y
ClientSampleId :

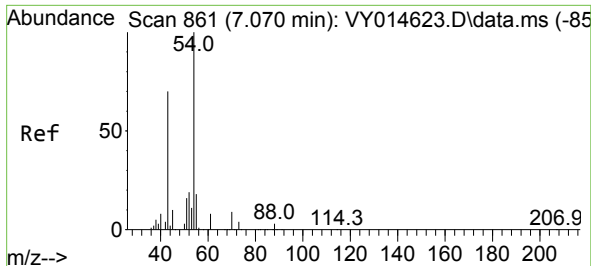
Tgt Ion:113 Resp: 100323
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 43.783 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

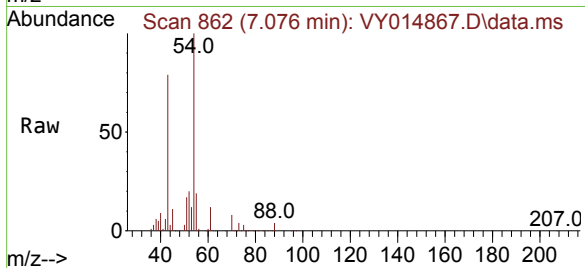
Tgt Ion: 75 Resp: 144403
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 31.3 24.4 36.6



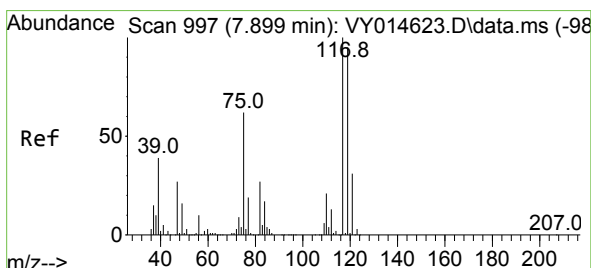
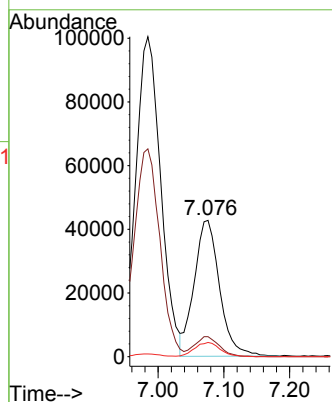
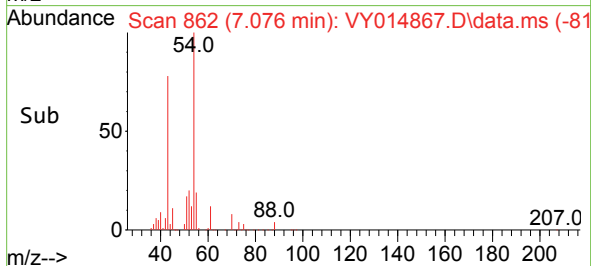


#37
Ethyl Acetate
Concen: 50.364 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Instrument :
MSVOA_Y
ClientSampleId :

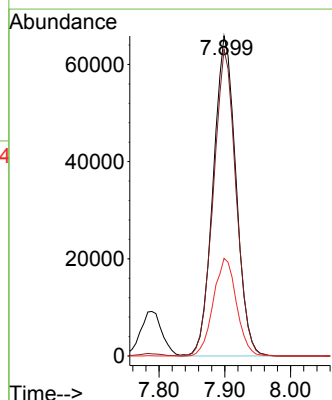
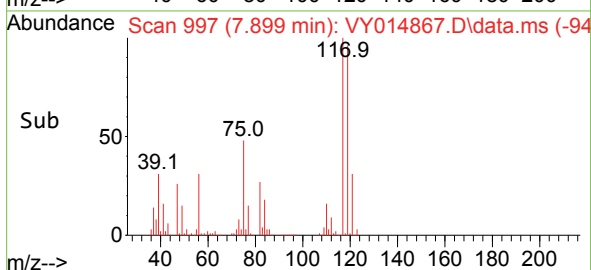
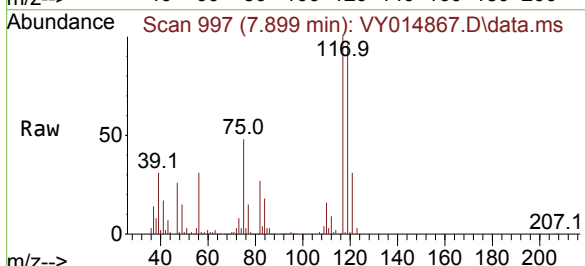


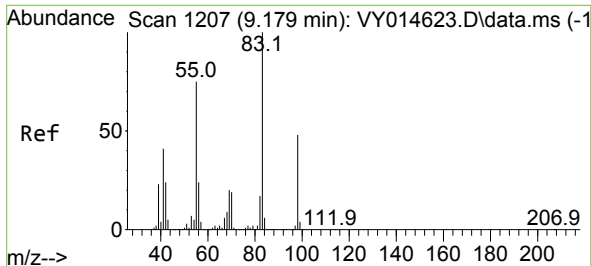
Tgt Ion: 43 Resp: 114363
Ion Ratio Lower Upper
43 100
61 14.4 10.1 15.1
70 10.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 45.369 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 117 Resp: 158175
Ion Ratio Lower Upper
117 100
119 95.8 76.4 114.6
121 30.5 25.8 38.6

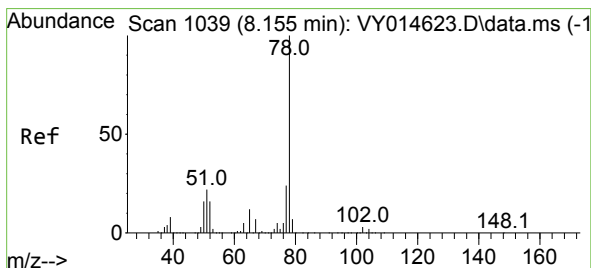
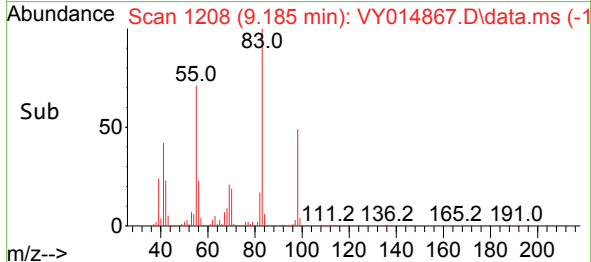
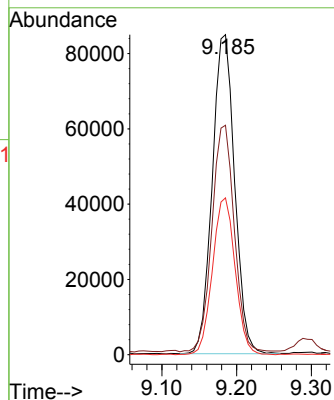
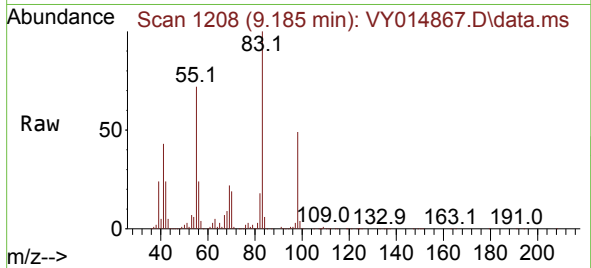




#39
Methylcyclohexane
Concen: 41.017 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

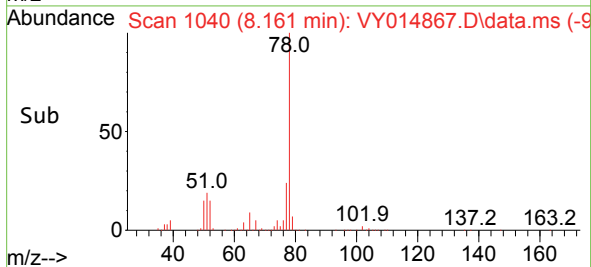
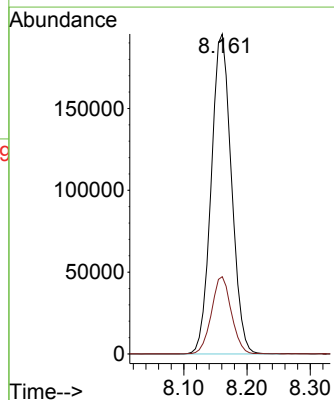
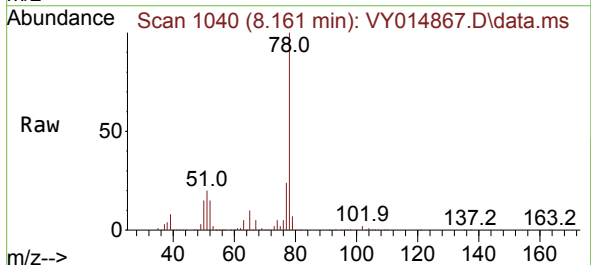
Instrument :
MSVOA_Y
ClientSampleId :

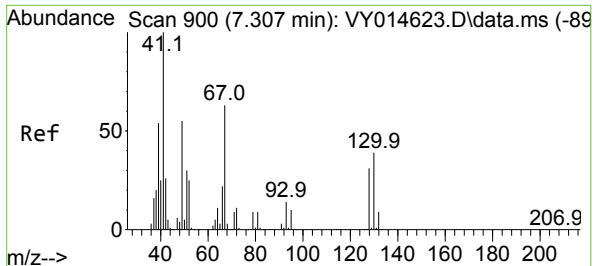
Tgt Ion: 83 Resp: 176245
Ion Ratio Lower Upper
83 100
55 71.0 63.0 94.4
98 49.0 37.4 56.2



#40
Benzene
Concen: 46.253 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 78 Resp: 433856
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

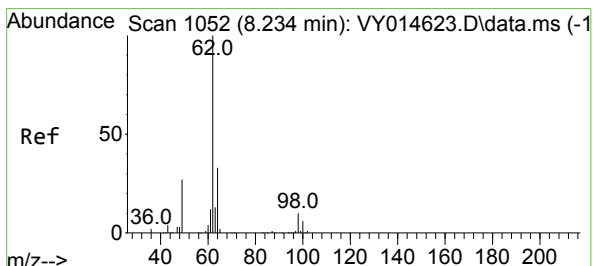
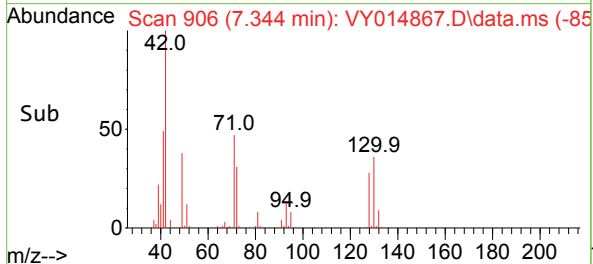
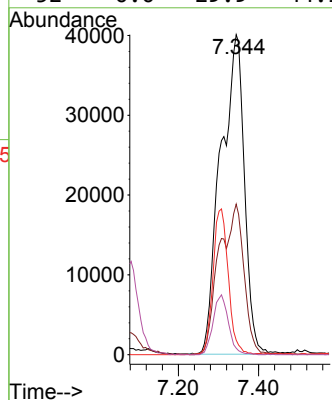
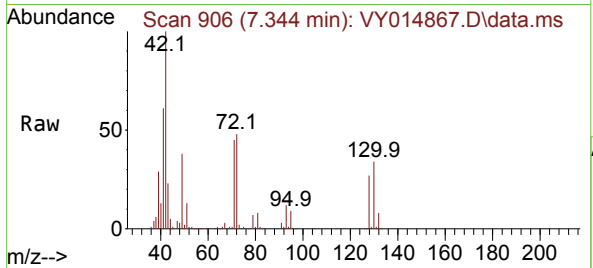




#41
Methacrylonitrile
Concen: 140.218 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

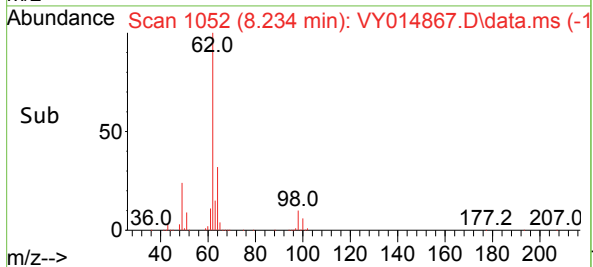
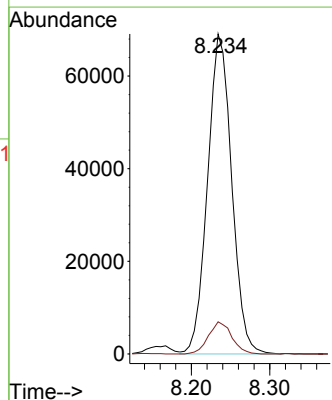
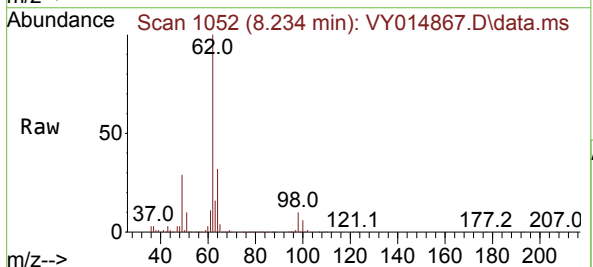
Instrument :
MSVOA_Y
ClientSampleId :

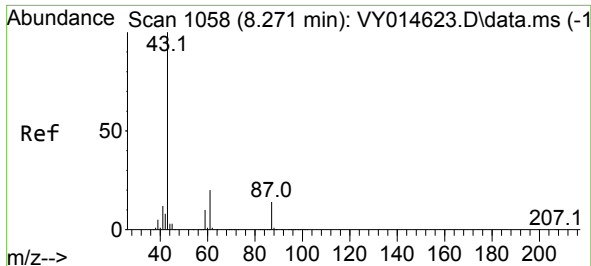
Tgt Ion: 41 Resp: 163771
Ion Ratio Lower Upper
41 100
39 25.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 49.787 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

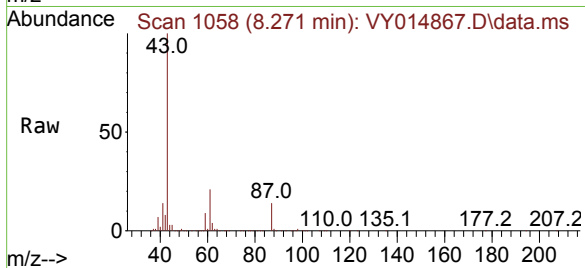
Tgt Ion: 62 Resp: 147887
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8



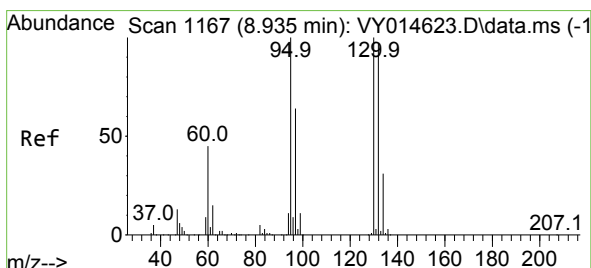
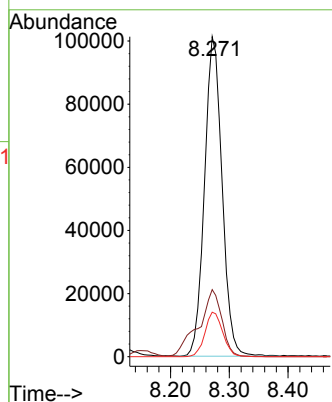
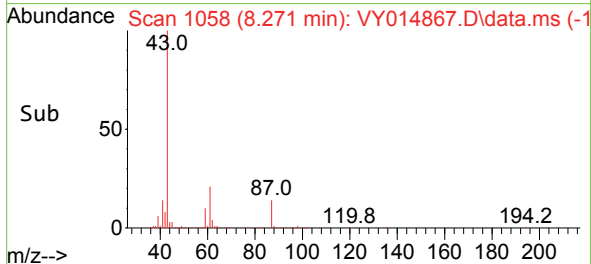


#43
Isopropyl Acetate
Concen: 48.719 ug/l
RT: 8.271 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Instrument :
MSVOA_Y
ClientSampleId :

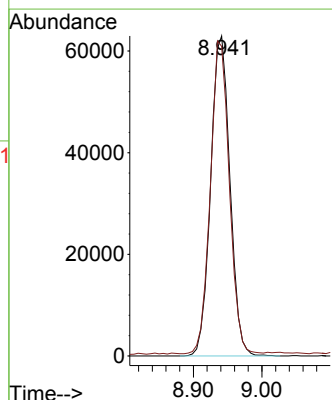
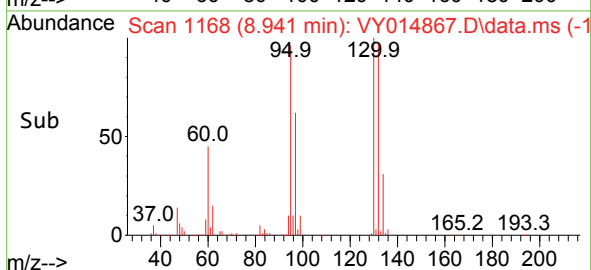
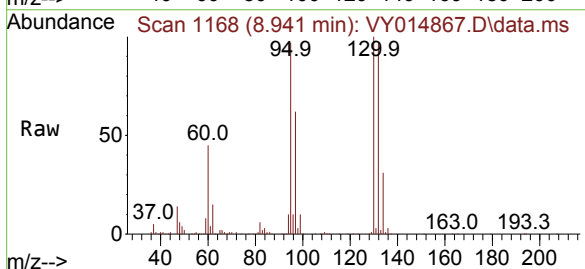


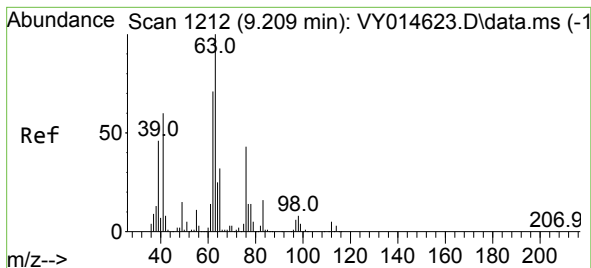
Tgt Ion: 43 Resp: 210739
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 46.875 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion:130 Resp: 123020
Ion Ratio Lower Upper
130 100
95 96.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 46.291 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

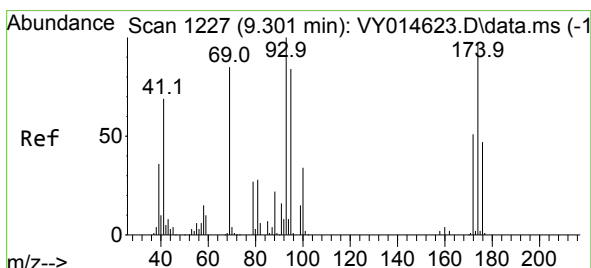
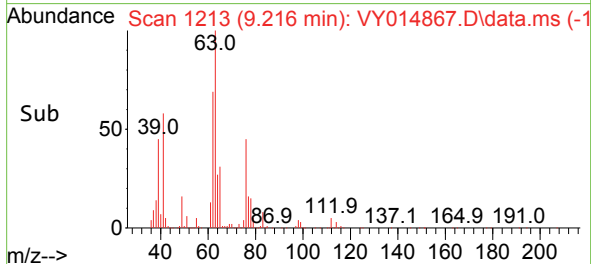
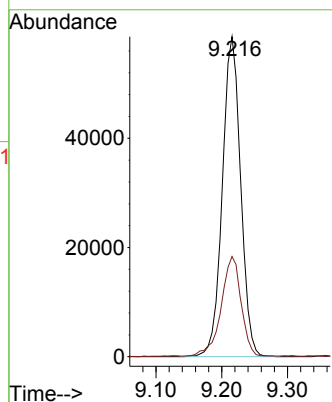
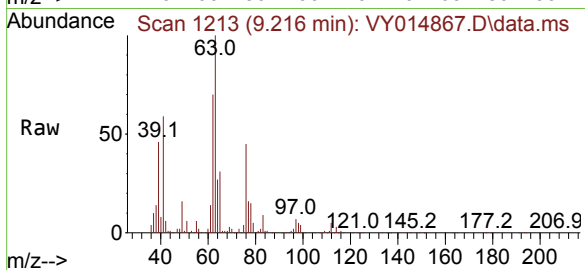
ClientSampleId :

Tgt Ion: 63 Resp: 113383

Ion Ratio Lower Upper

63 100

65 31.1 23.8 35.6



#46

Dibromomethane

Concen: 50.277 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

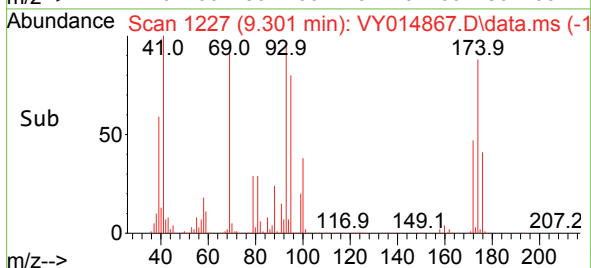
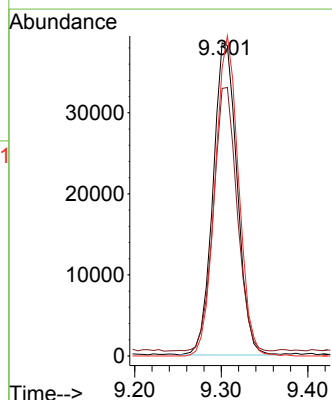
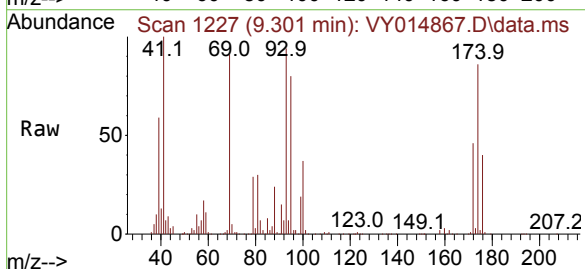
Tgt Ion: 93 Resp: 74707

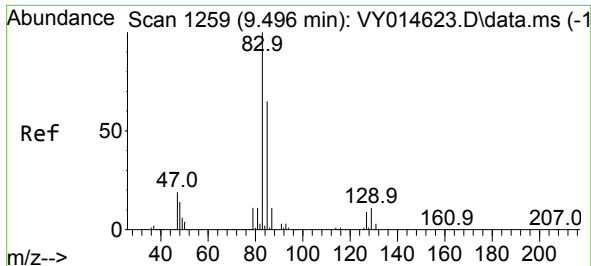
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 99.5 84.8 127.2

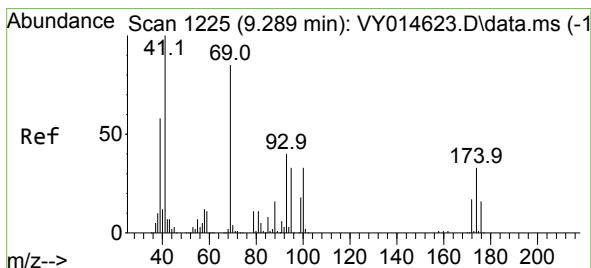
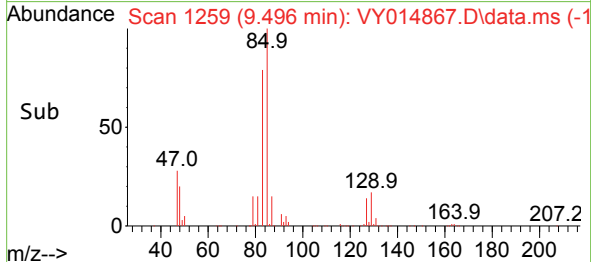
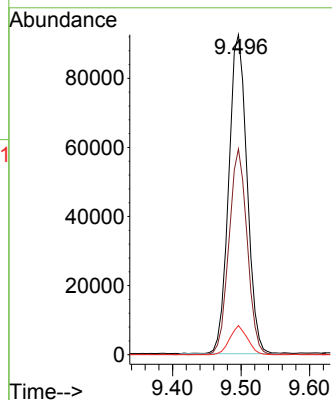
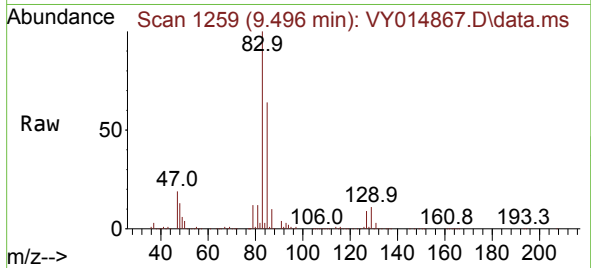




#47
Bromodichloromethane
Concen: 49.029 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

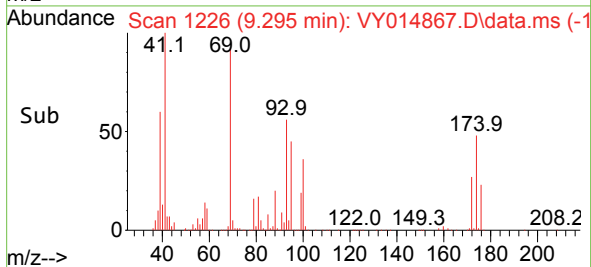
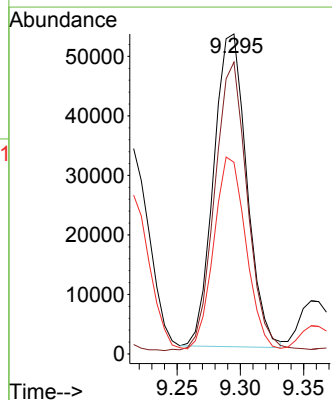
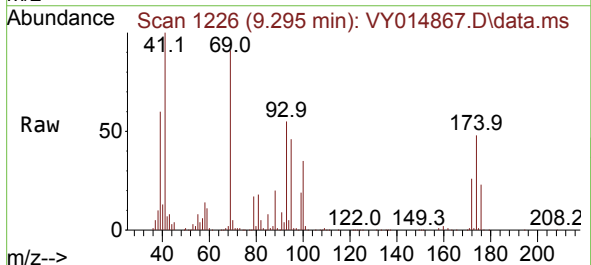
Instrument :
MSVOA_Y
ClientSampleId :

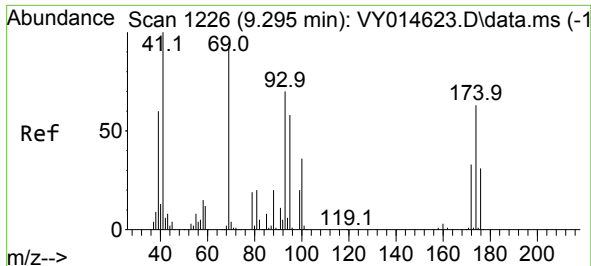
Tgt Ion: 83 Resp: 171705
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 49.137 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 41 Resp: 95640
Ion Ratio Lower Upper
41 100
69 91.0 64.5 96.7
39 62.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1070.503 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

ClientSampleId :

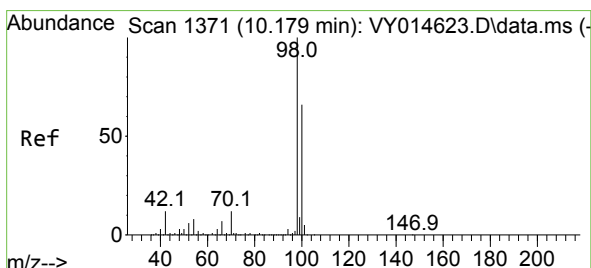
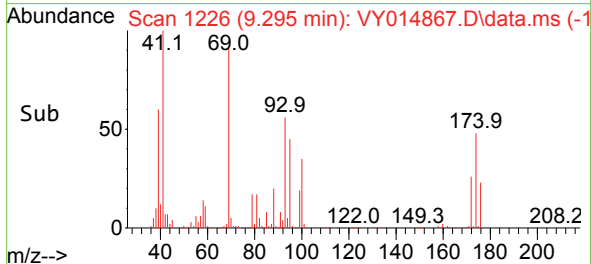
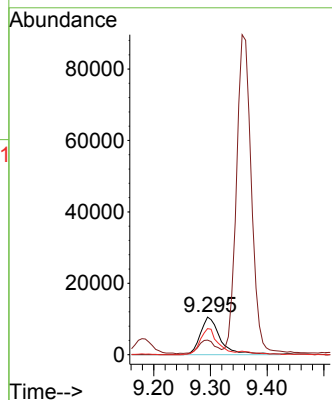
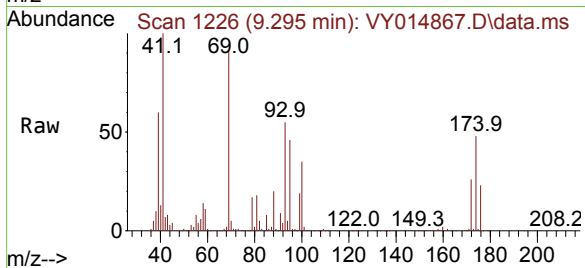
Tgt Ion: 88 Resp: 25937

Ion Ratio Lower Upper

88 100

43 31.0 0.0 0.0#

58 60.6 30.9 46.3#



#50

Toluene-d8

Concen: 43.872 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014867.D

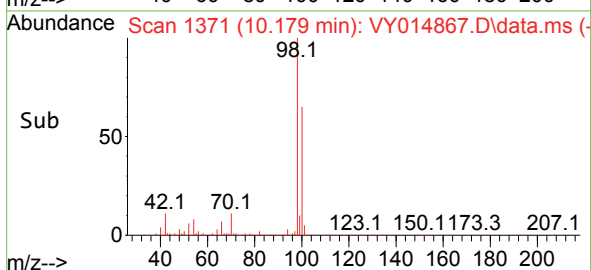
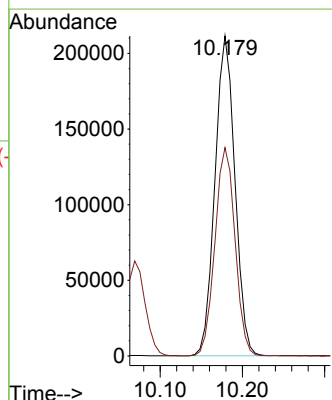
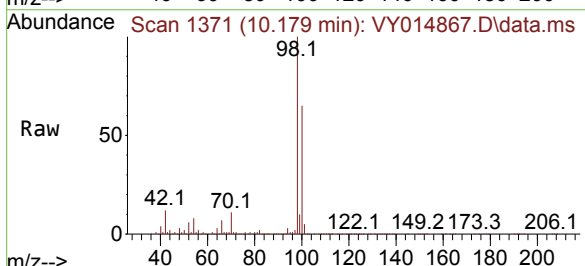
Acq: 26 Jul 2023 22:09

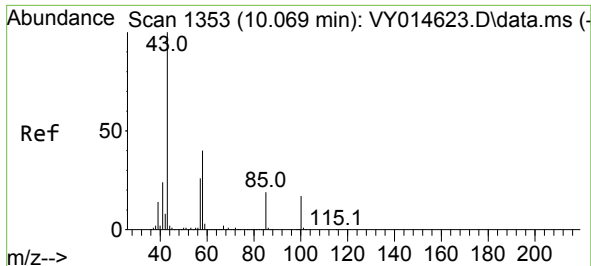
Tgt Ion: 98 Resp: 356721

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

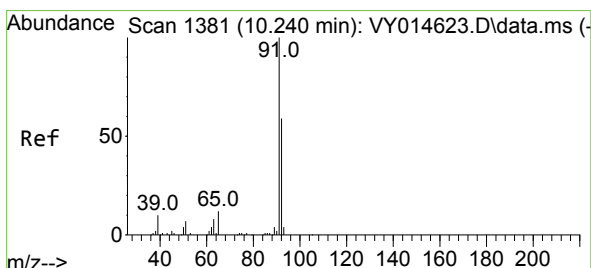
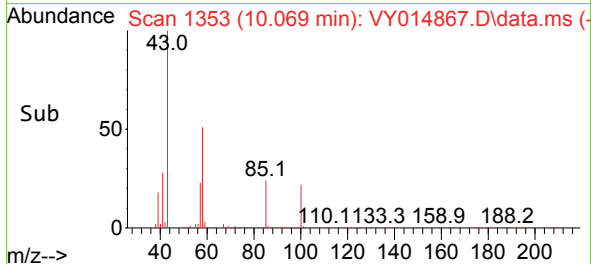
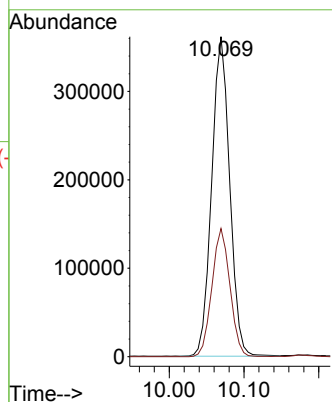
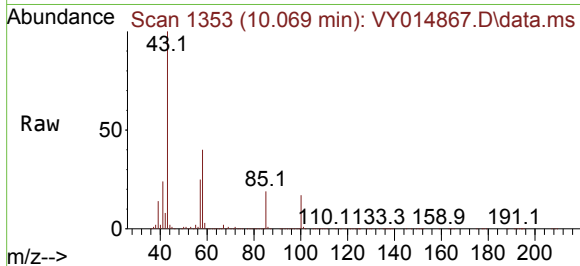




#51
4-Methyl-2-Pentanone
Concen: 266.083 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

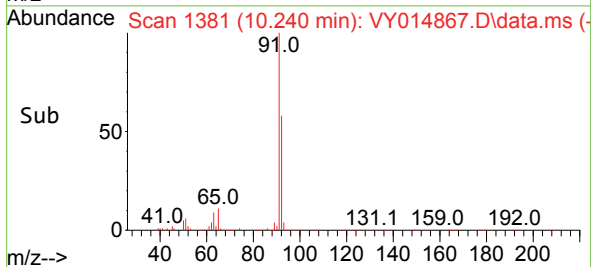
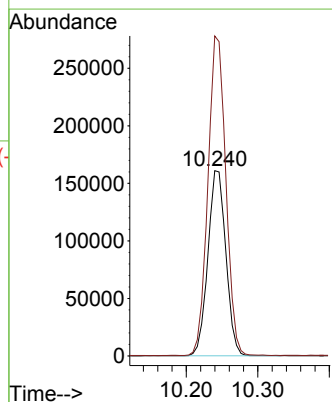
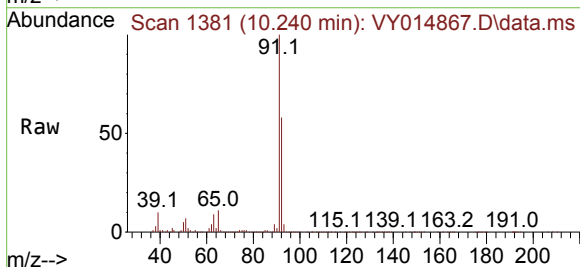
Instrument :
MSVOA_Y
ClientSampleId :

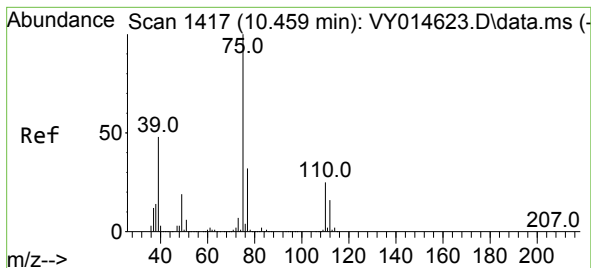
Tgt Ion: 43 Resp: 604307
Ion Ratio Lower Upper
43 100
58 40.2 29.0 43.6



#52
Toluene
Concen: 46.783 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 92 Resp: 280804
Ion Ratio Lower Upper
92 100
91 172.0 143.8 215.6

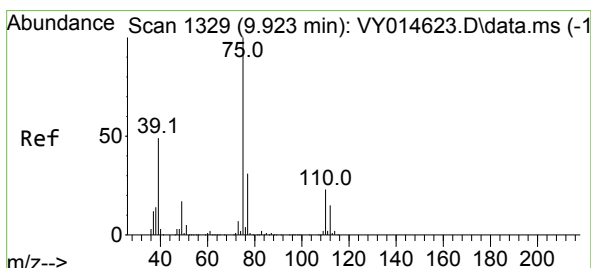
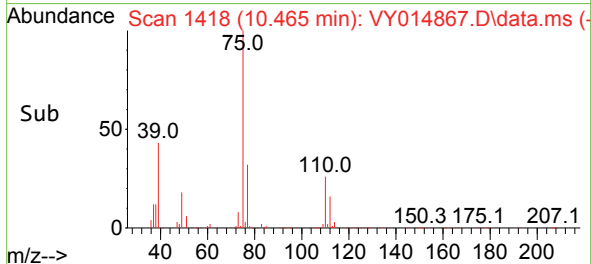
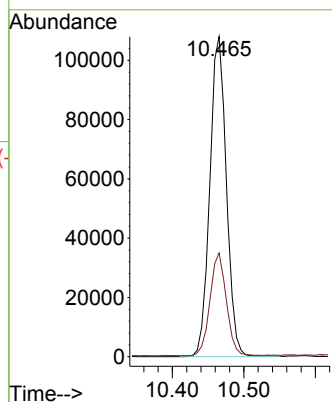
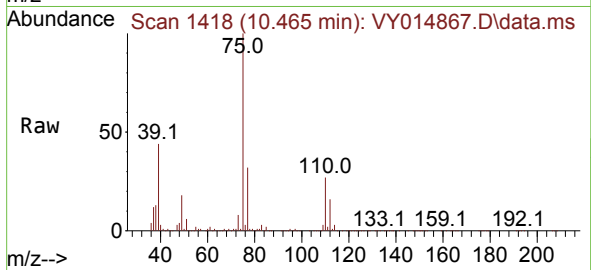




#53
t-1,3-Dichloropropene
Concen: 45.406 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

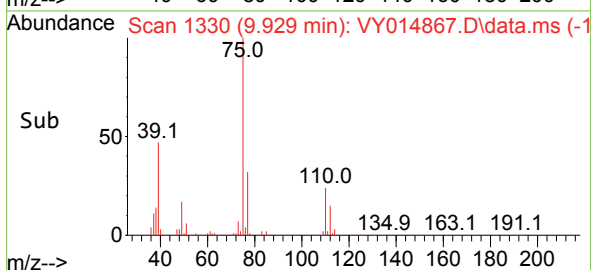
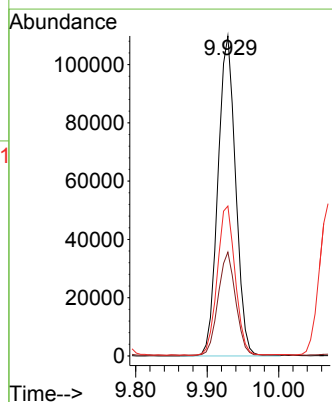
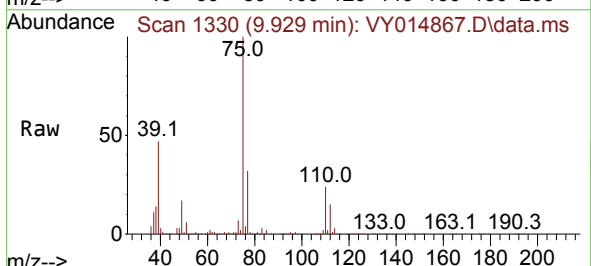
Instrument :
MSVOA_Y
ClientSampleId :

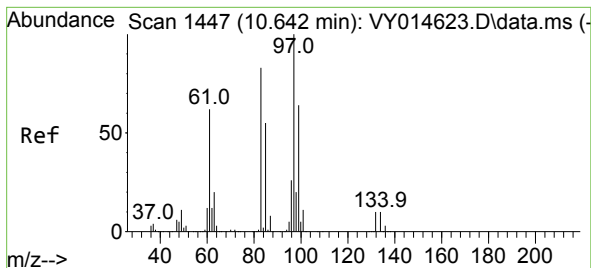
Tgt Ion: 75 Resp: 173939
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 45.168 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

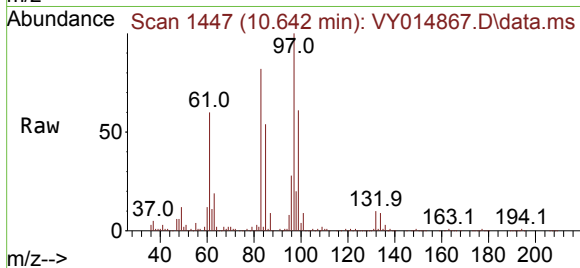
Tgt Ion: 75 Resp: 188160
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.4
39 46.6 42.2 63.4



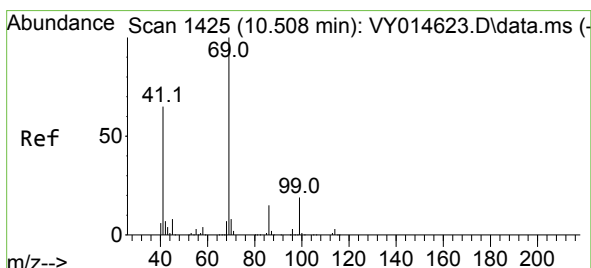
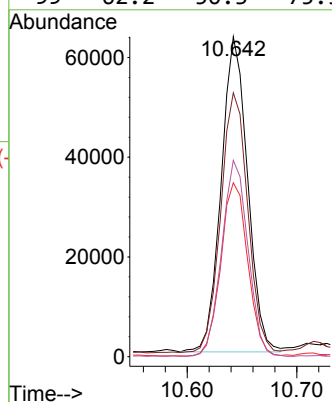
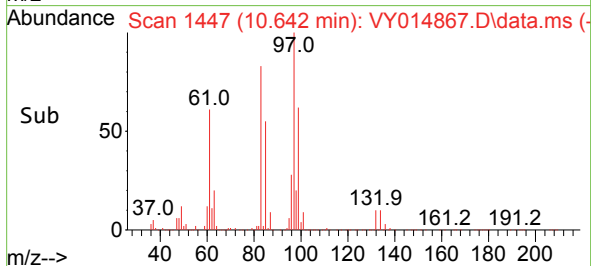


#55
1,1,2-Trichloroethane
Concen: 51.069 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

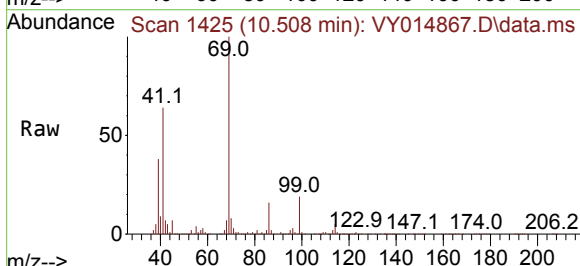
Instrument :
MSVOA_Y
ClientSampleId :



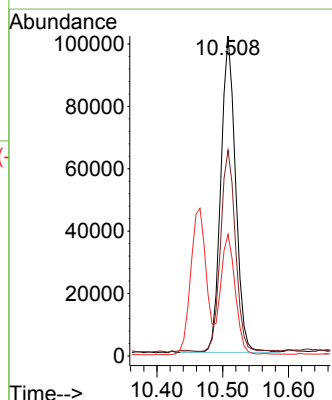
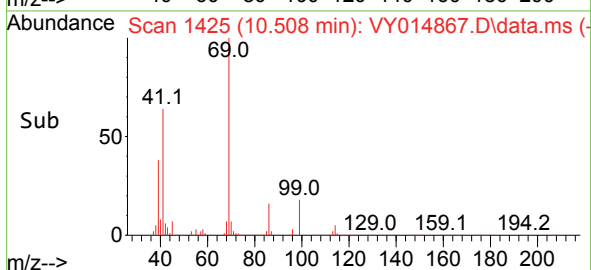
Tgt Ion:	97	Resp:	105703
Ion	Ratio	Lower	Upper
97	100		
83	82.4	72.0	108.0
85	54.9	45.4	68.0
99	62.2	50.3	75.5

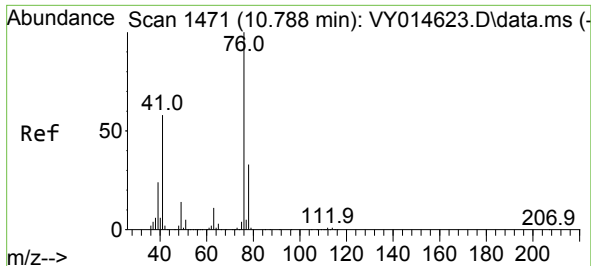


#56
Ethyl methacrylate
Concen: 50.168 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09



Tgt Ion:	69	Resp:	158544
Ion	Ratio	Lower	Upper
69	100		
41	63.8	57.6	86.4
39	37.6	34.1	51.1





#57

1,3-Dichloropropane

Concen: 49.339 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

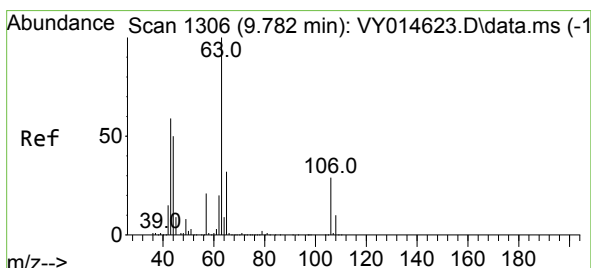
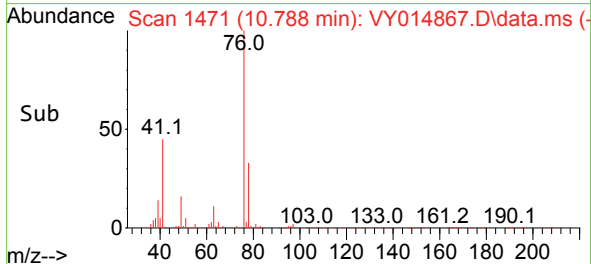
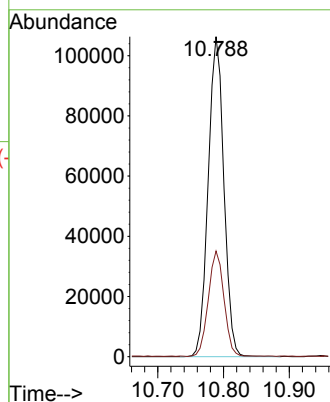
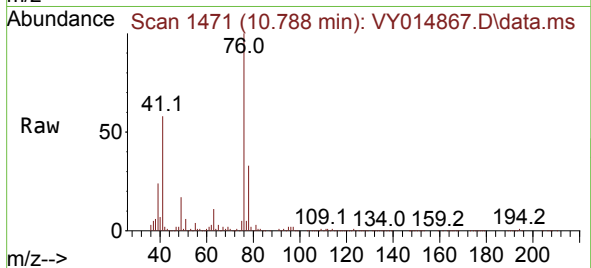
ClientSampleId :

Tgt Ion: 76 Resp: 176141

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 236.587 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014867.D

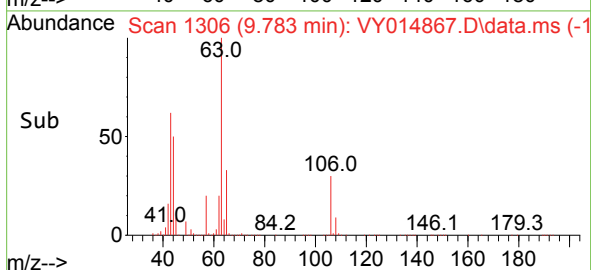
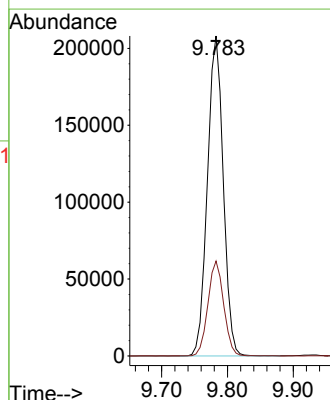
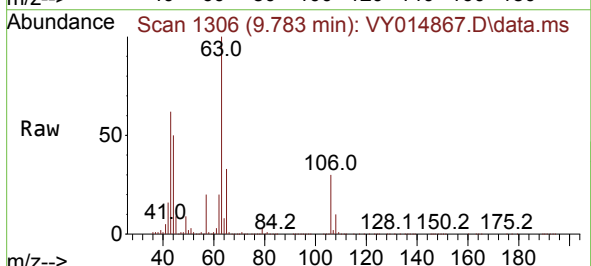
Acq: 26 Jul 2023 22:09

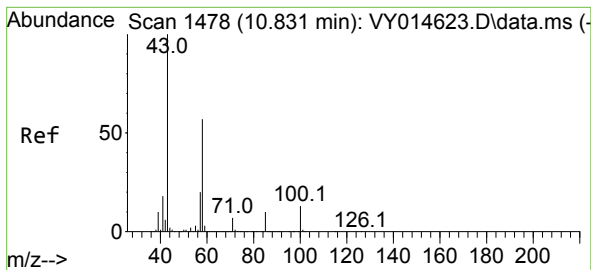
Tgt Ion: 63 Resp: 348372

Ion Ratio Lower Upper

63 100

106 29.4 21.2 31.8

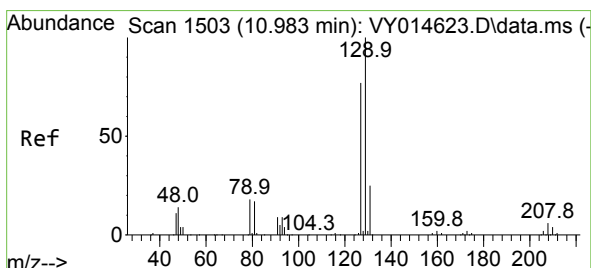
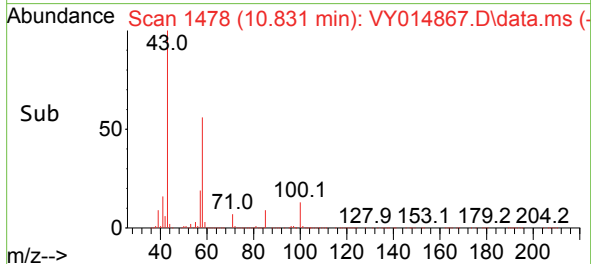
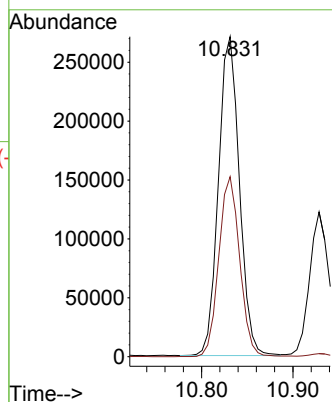
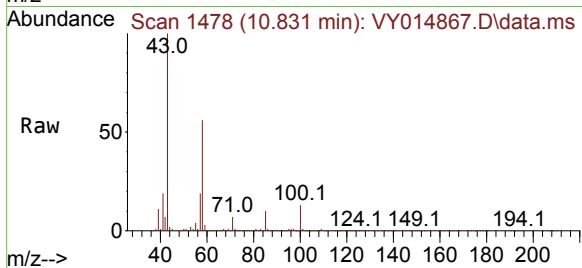




#59
2-Hexanone
Concen: 260.453 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

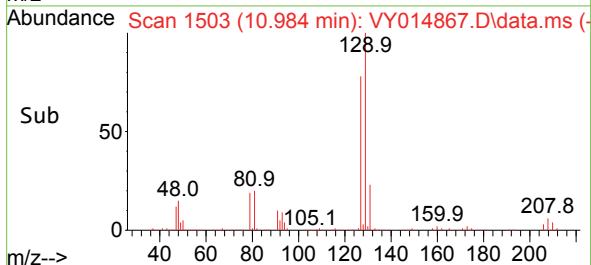
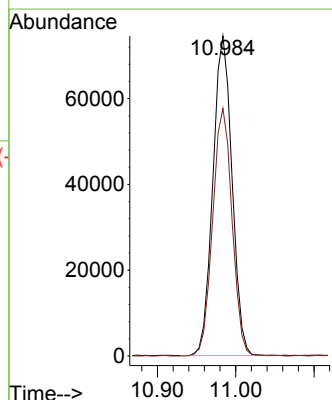
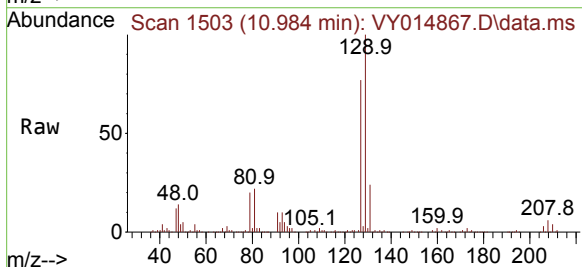
Instrument :
MSVOA_Y
ClientSampleId :

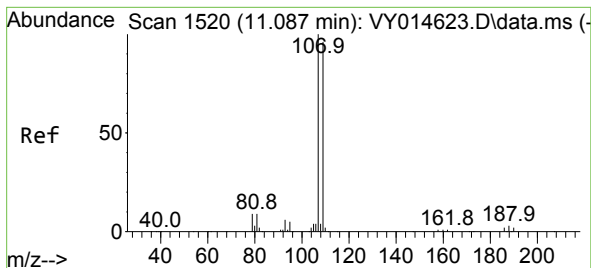
Tgt Ion: 43 Resp: 431369
Ion Ratio Lower Upper
43 100
58 56.4 25.1 75.3



#60
Dibromochloromethane
Concen: 49.745 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 129 Resp: 126238
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5

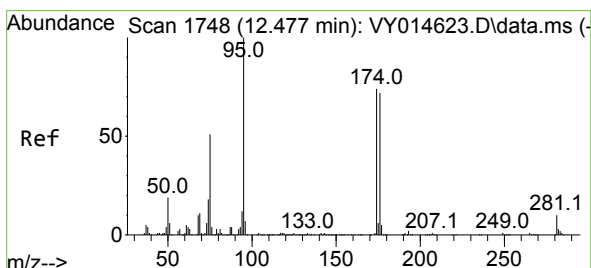
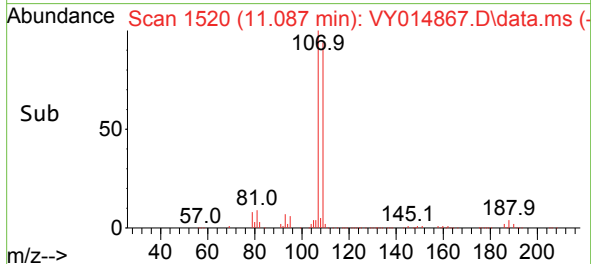
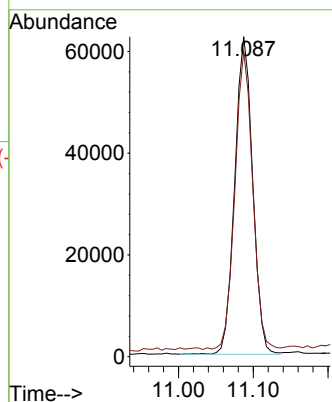
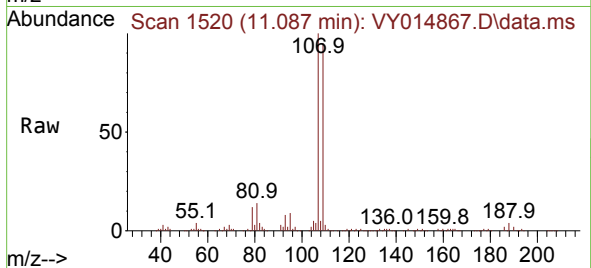




#61
1,2-Dibromoethane
Concen: 50.446 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

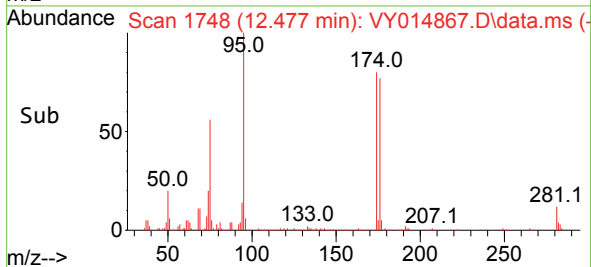
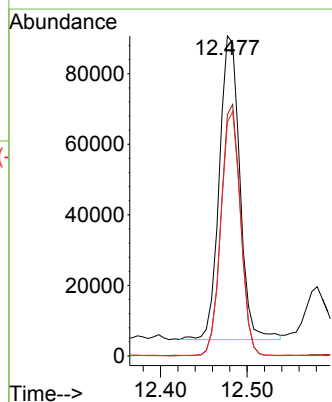
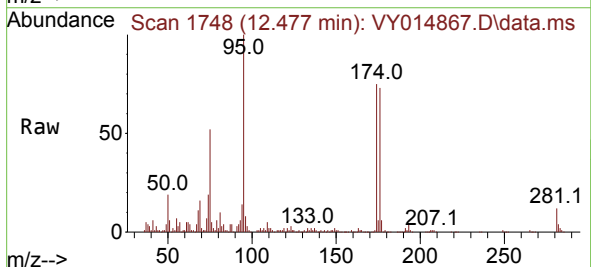
Instrument :
MSVOA_Y
ClientSampleId :

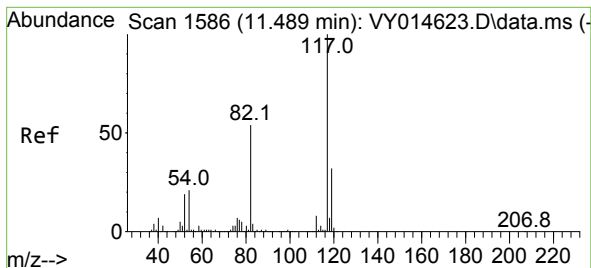
Tgt Ion:107 Resp: 104162
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.361 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 95 Resp: 141423
Ion Ratio Lower Upper
95 100
174 78.7 0.0 178.2
176 77.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

ClientSampleId :

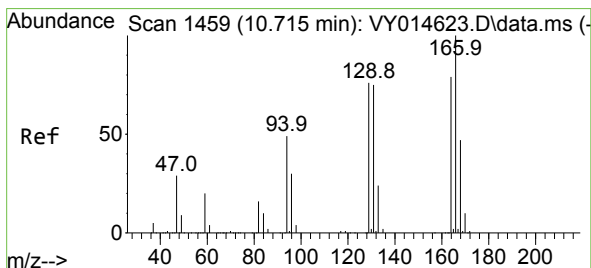
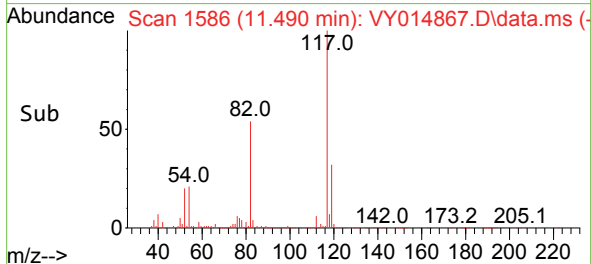
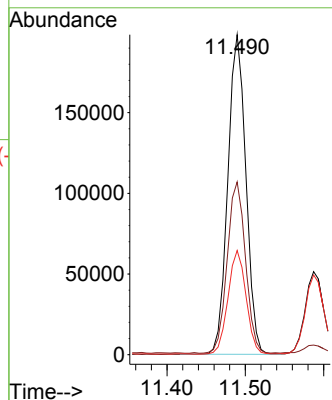
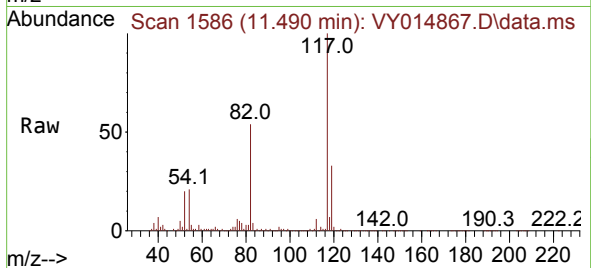
Tgt Ion:117 Resp: 317382

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 49.315 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Tgt Ion:164 Resp: 125881

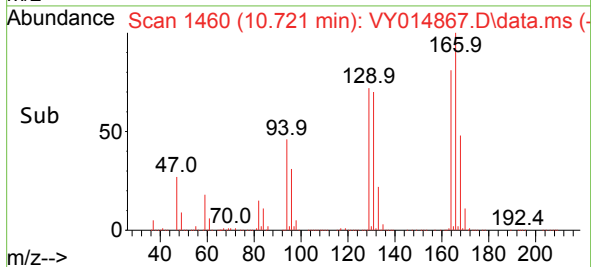
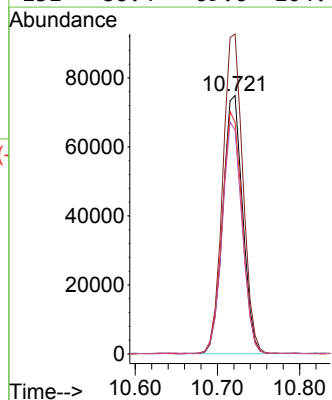
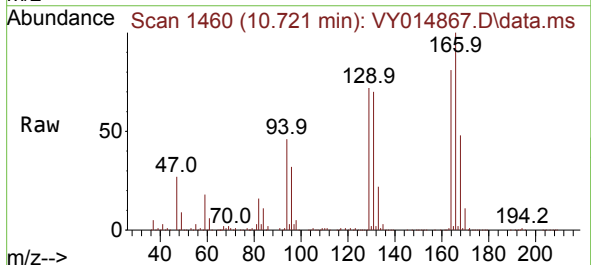
Ion Ratio Lower Upper

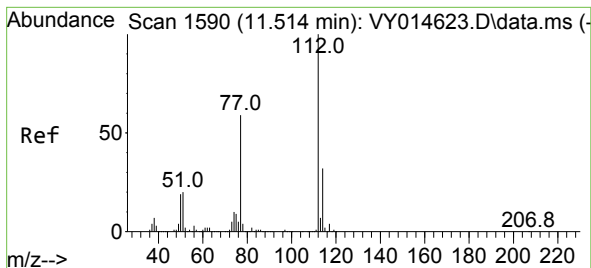
164 100

166 123.9 103.0 154.6

129 89.5 77.2 115.8

131 86.4 69.6 104.4





#65

Chlorobenzene

Concen: 46.469 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

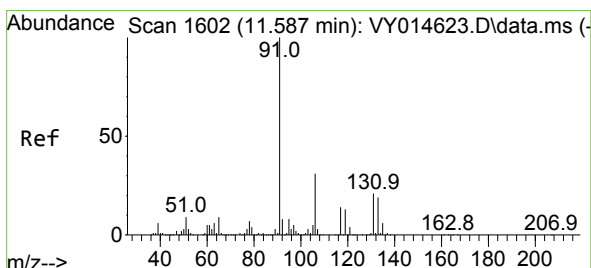
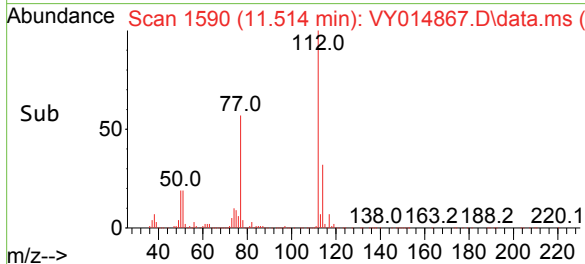
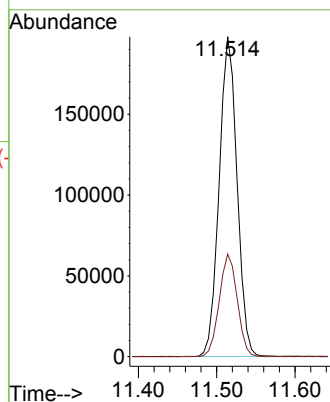
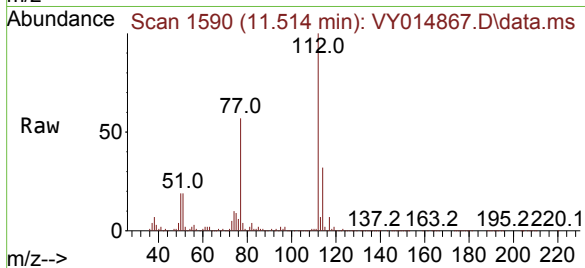
ClientSampleId :

Tgt Ion:112 Resp: 314286

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.707 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

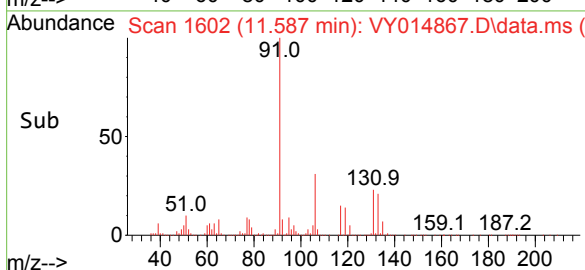
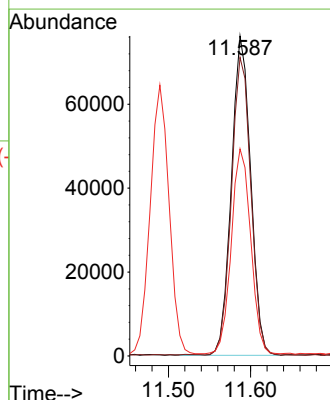
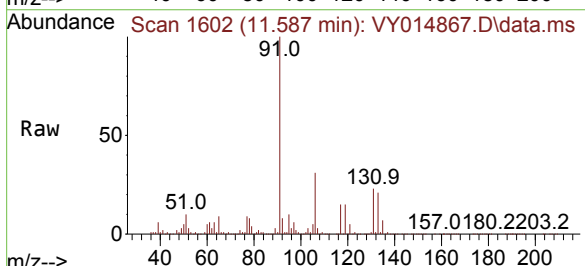
Tgt Ion:131 Resp: 124206

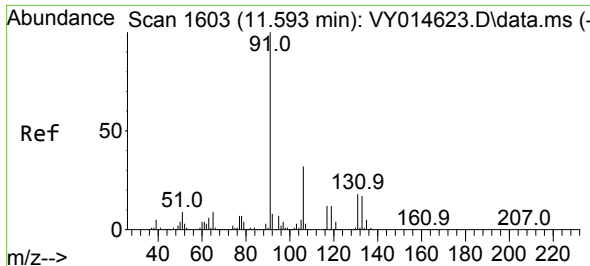
Ion Ratio Lower Upper

131 100

133 94.3 47.5 142.6

119 64.6 31.6 94.7

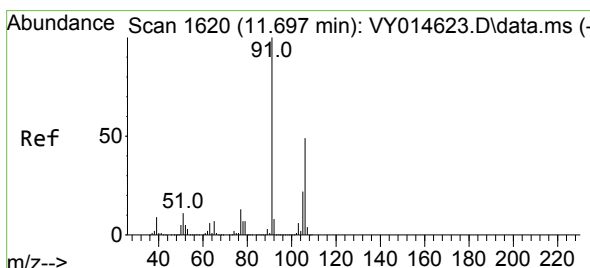
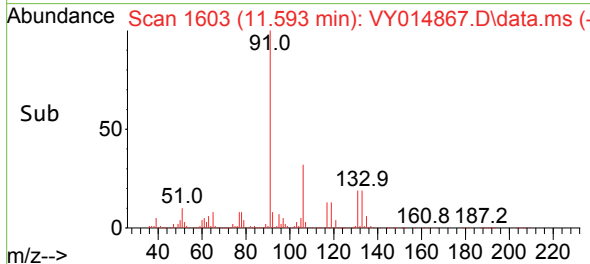
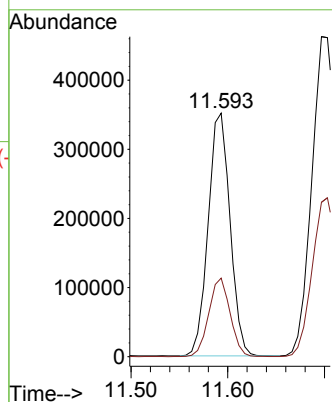
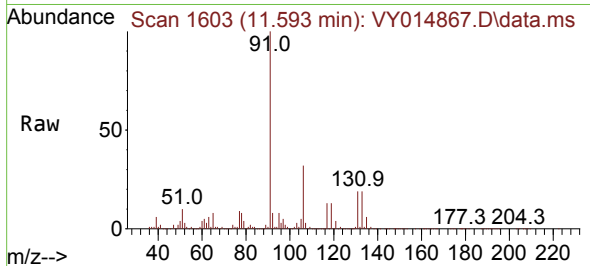




#67
Ethyl Benzene
Concen: 45.247 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

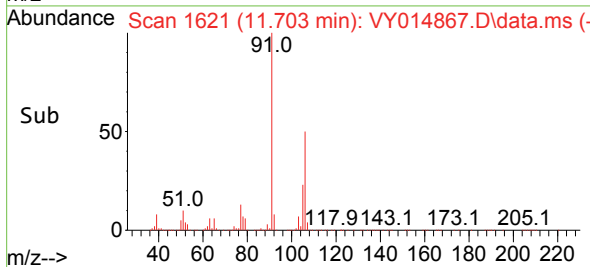
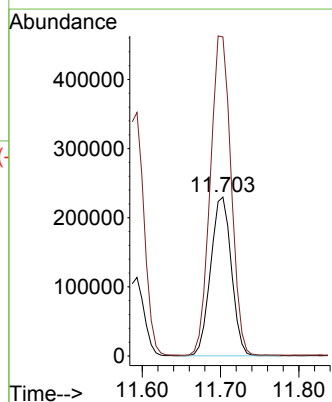
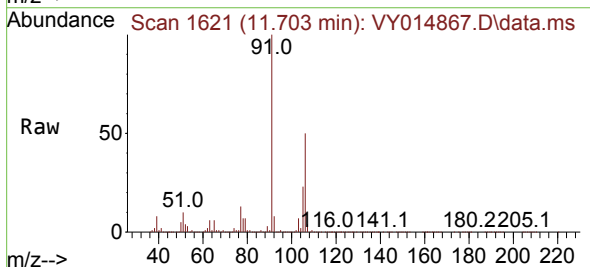
Instrument :
MSVOA_Y
ClientSampleId :

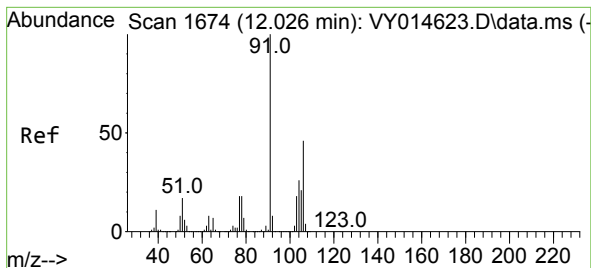
Tgt Ion: 91 Resp: 552521
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8



#68
m/p-Xylenes
Concen: 90.520 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 106 Resp: 421945
Ion Ratio Lower Upper
106 100
91 201.7 166.1 249.1

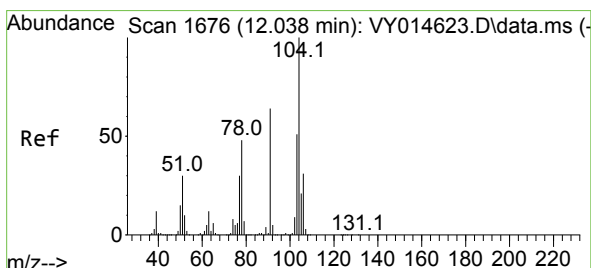
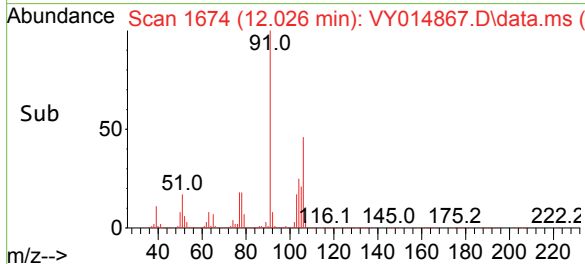
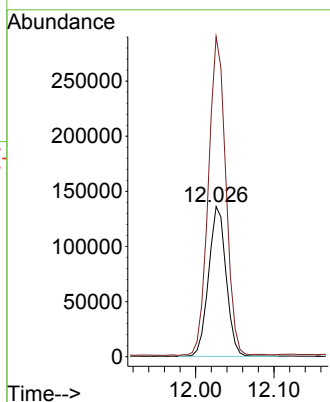
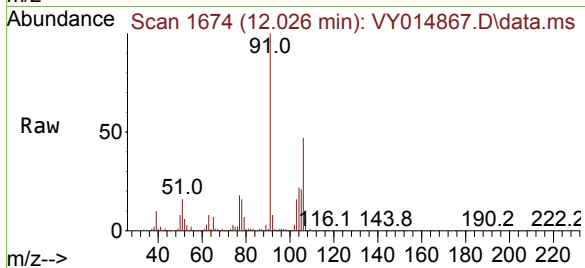




#69
o-Xylene
Concen: 46.355 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

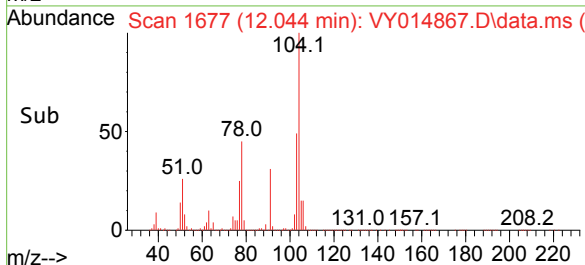
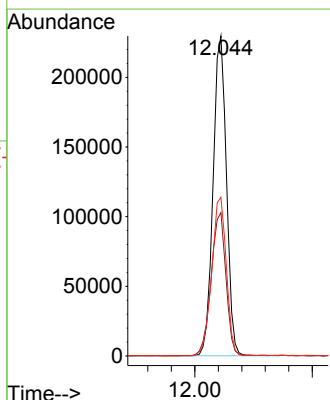
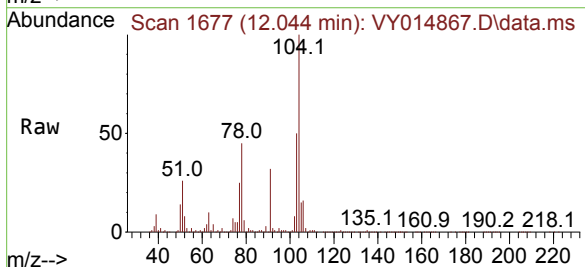
Instrument :
MSVOA_Y
ClientSampleId :

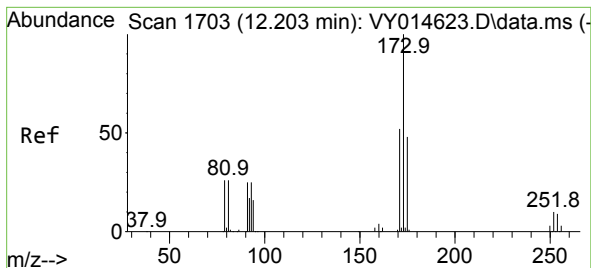
Tgt Ion:106 Resp: 210458
Ion Ratio Lower Upper
106 100
91 212.3 108.1 324.3



#70
Styrene
Concen: 47.385 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion:104 Resp: 362598
Ion Ratio Lower Upper
104 100
78 49.2 41.5 62.3
103 54.3 44.6 67.0





#71

Bromoform

Concen: 48.710 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014867.D

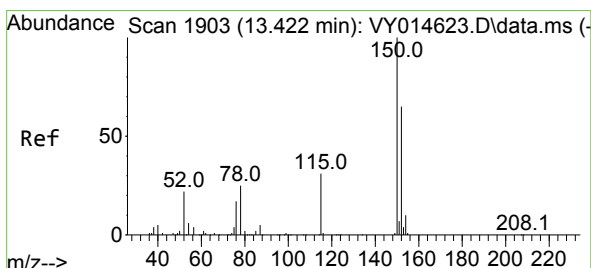
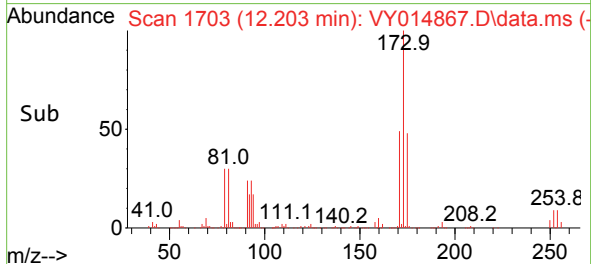
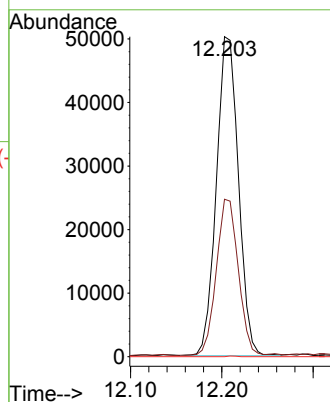
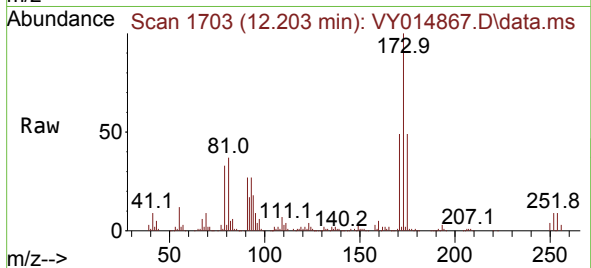
Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	84195
Ion Ratio	Lower	Upper
173	100	
175	48.9	24.6 73.8
254	0.1	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

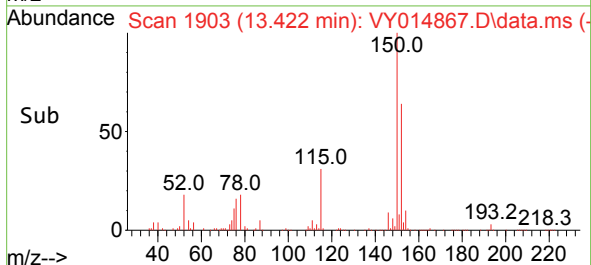
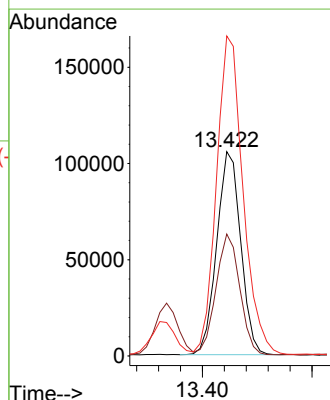
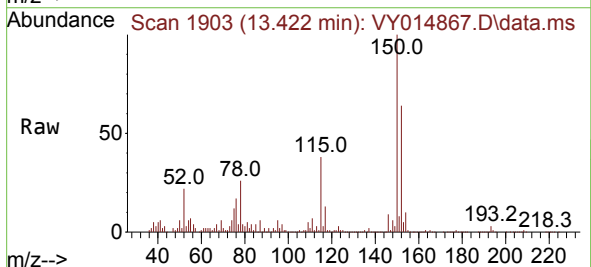
RT: 13.422 min Scan# 1903

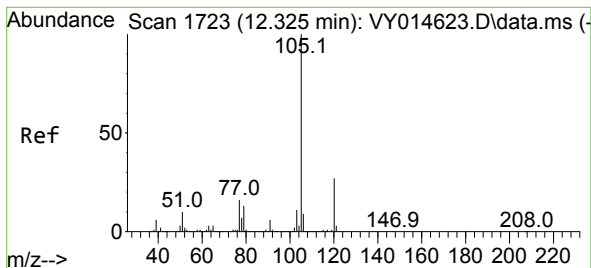
Delta R.T. 0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Tgt Ion:152	Resp:	160289
Ion Ratio	Lower	Upper
152	100	
115	59.5	28.8 86.5
150	173.7	0.0 348.8





#73

Isopropylbenzene

Concen: 43.865 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

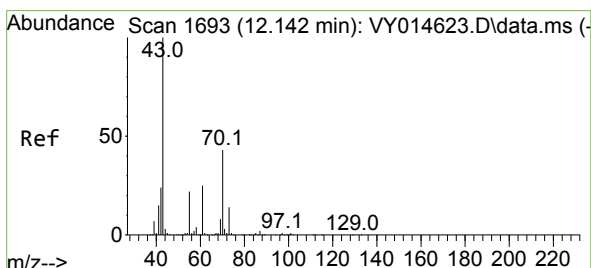
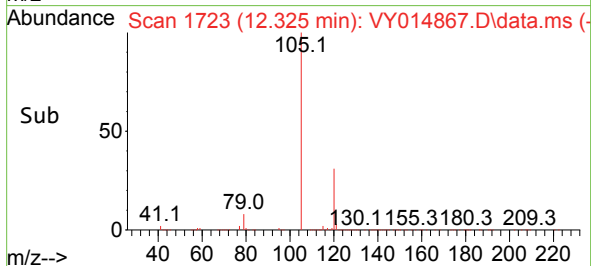
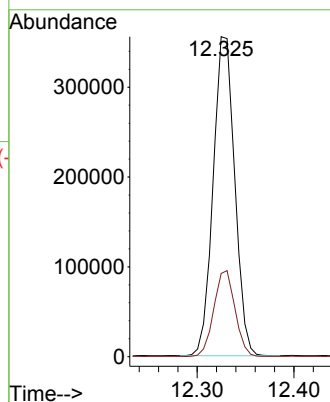
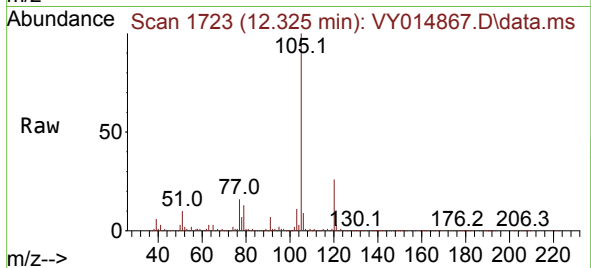
ClientSampleId :

Tgt Ion:105 Resp: 550534

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 44.868 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Tgt Ion: 43 Resp: 188603

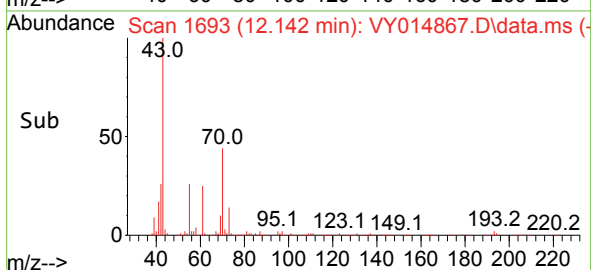
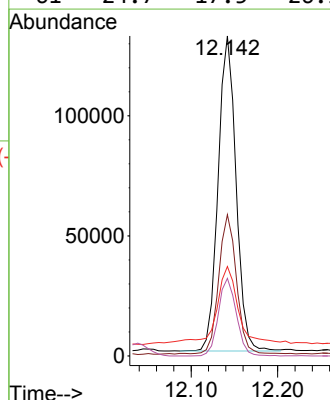
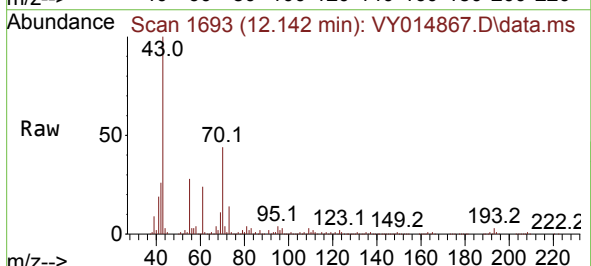
Ion Ratio Lower Upper

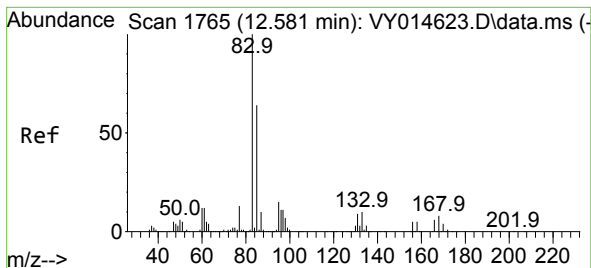
43 100

70 44.3 29.7 44.5

55 37.7 18.3 27.5#

61 24.7 17.5 26.3

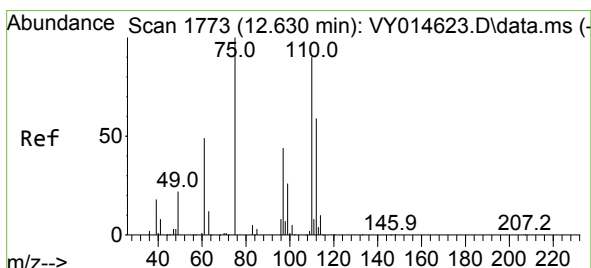
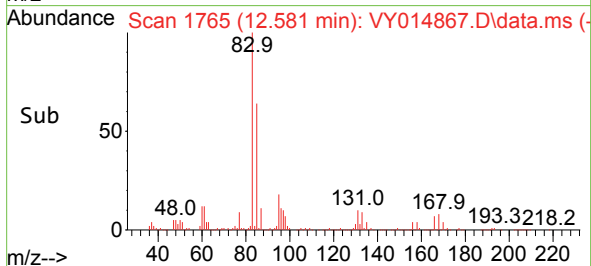
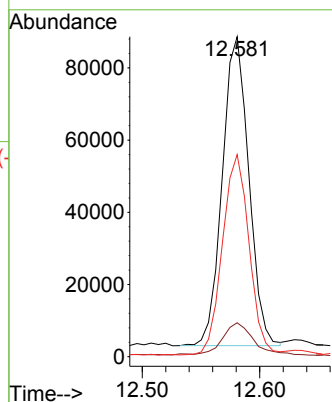
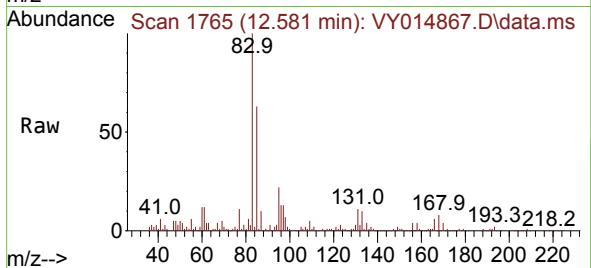




#75
1,1,2,2-Tetrachloroethane
Concen: 46.801 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

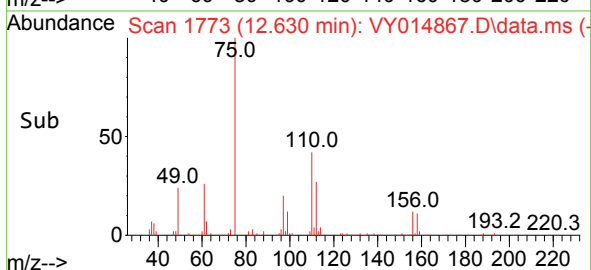
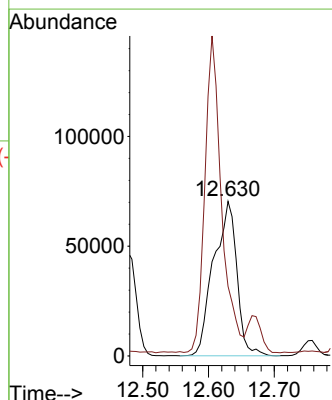
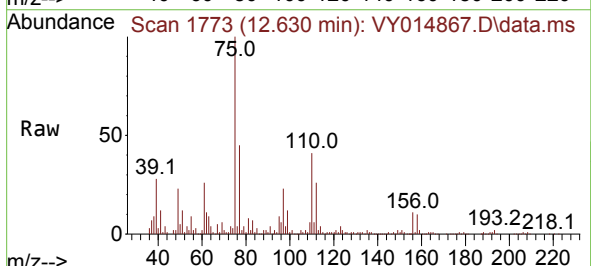
Instrument :
MSVOA_Y
ClientSampleId :

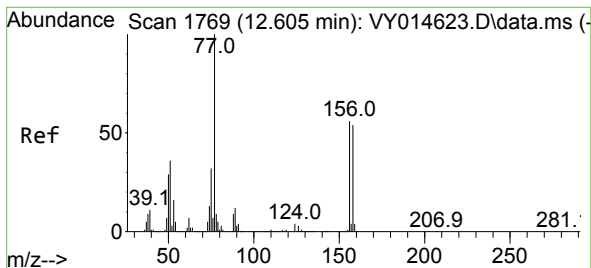
Tgt Ion: 83 Resp: 133951
Ion Ratio Lower Upper
83 100
131 12.7 5.4 16.2
85 65.3 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 85.346 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 75 Resp: 172774
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.477 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

ClientSampleId :

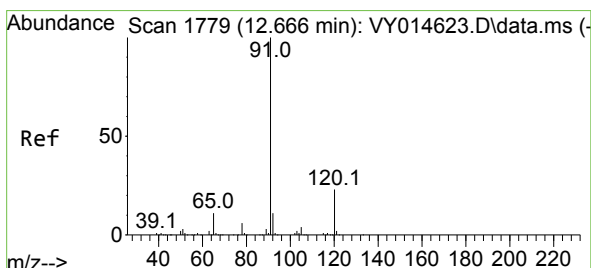
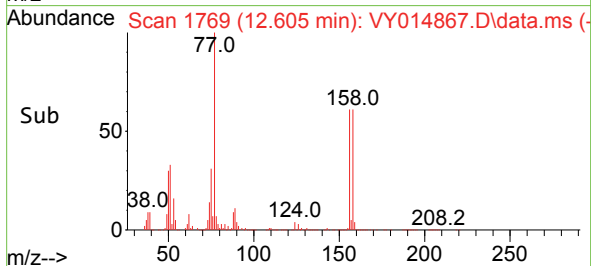
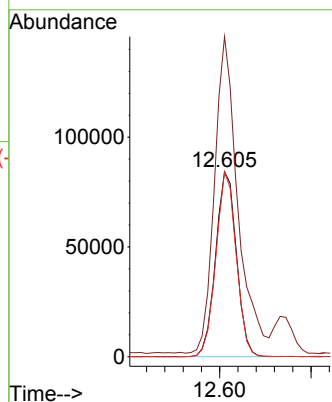
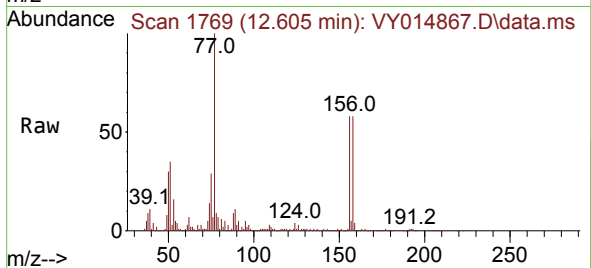
Tgt Ion:156 Resp: 133151

Ion Ratio Lower Upper

156 100

77 191.4 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 43.057 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014867.D

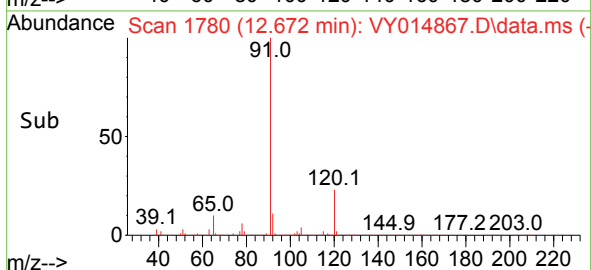
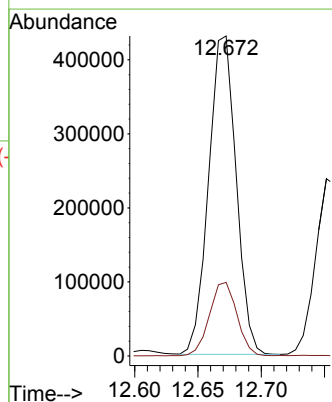
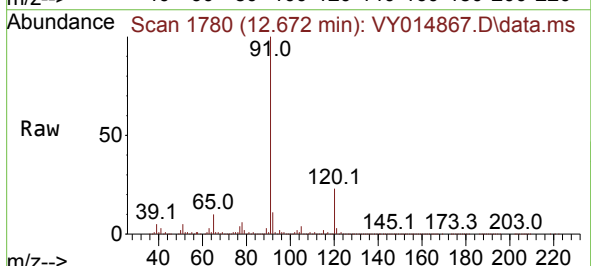
Acq: 26 Jul 2023 22:09

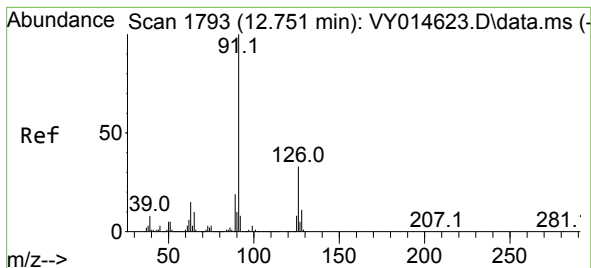
Tgt Ion: 91 Resp: 651183

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

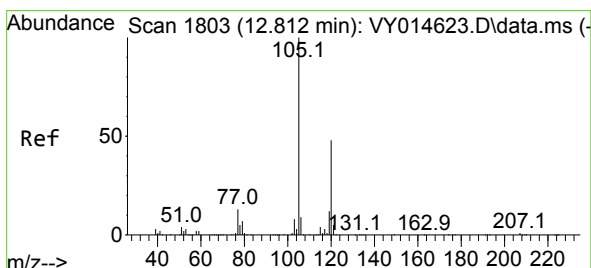
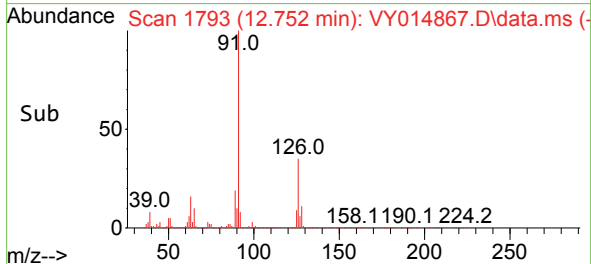
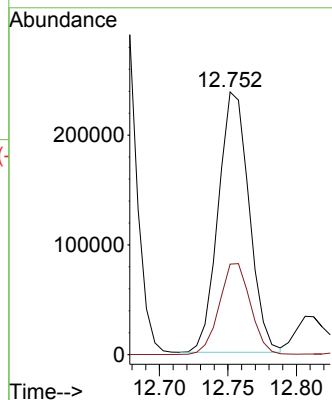
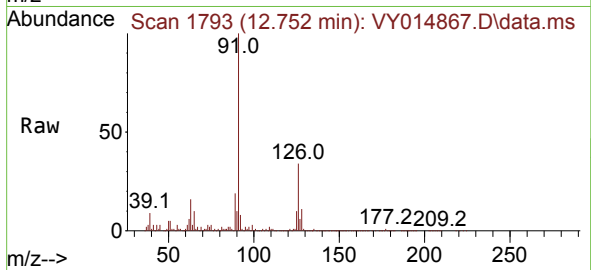




#79
2-Chlorotoluene
Concen: 42.833 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

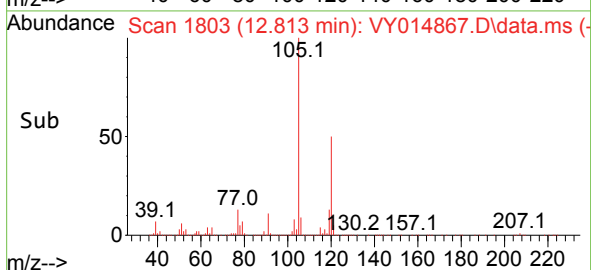
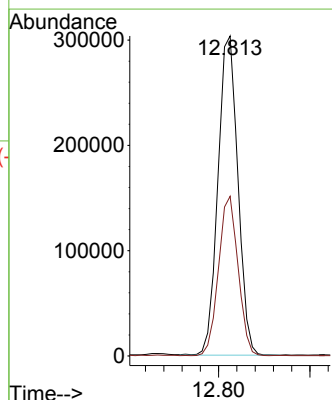
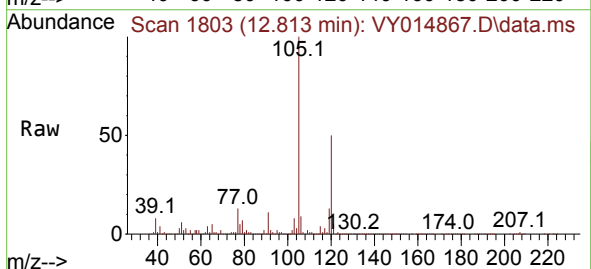
Instrument :
MSVOA_Y
ClientSampleId :

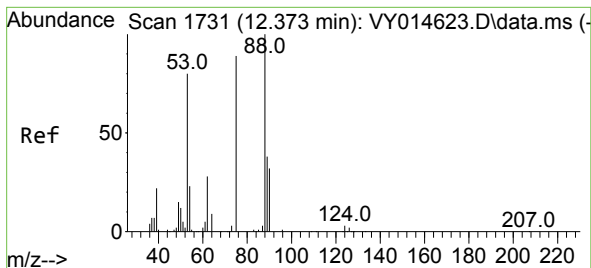
Tgt Ion: 91 Resp: 373121
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 43.782 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 105 Resp: 458907
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

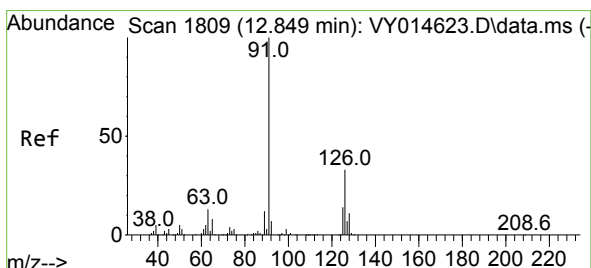
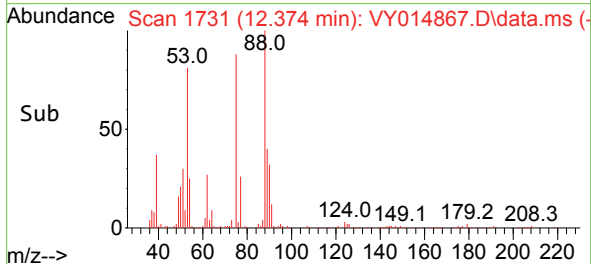
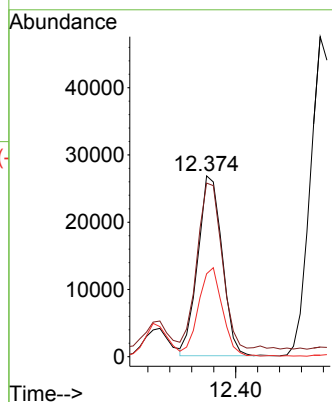
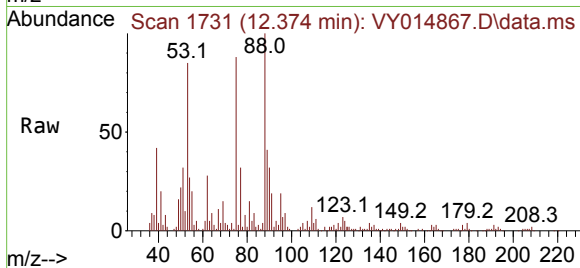




#81
trans-1,4-Dichloro-2-butene
Concen: 39.406 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

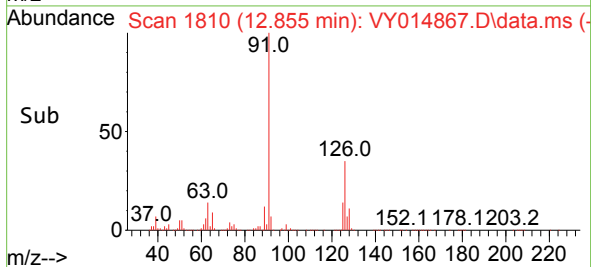
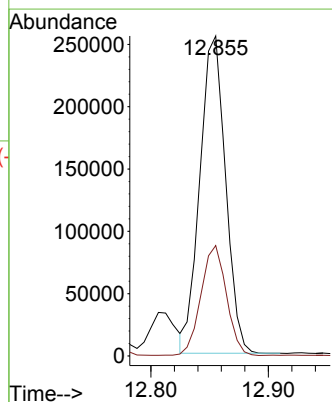
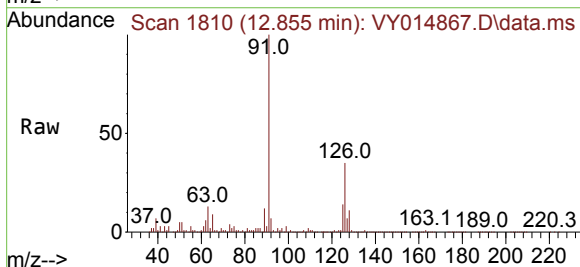
Instrument :
MSVOA_Y
ClientSampleId :

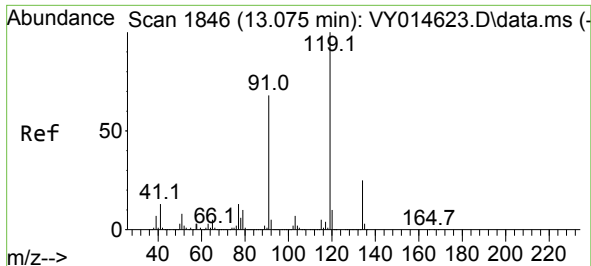
Tgt Ion: 75 Resp: 41202
Ion Ratio Lower Upper
75 100
53 92.8 77.8 116.8
89 47.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 43.164 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014867.D
Acq: 26 Jul 2023 22:09

Tgt Ion: 91 Resp: 387245
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6

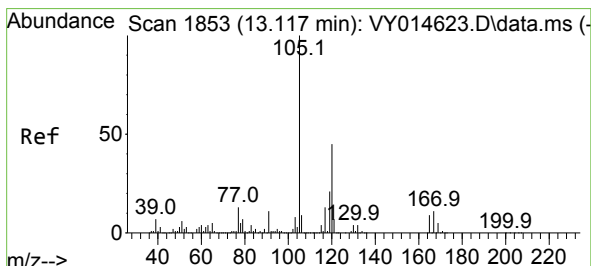
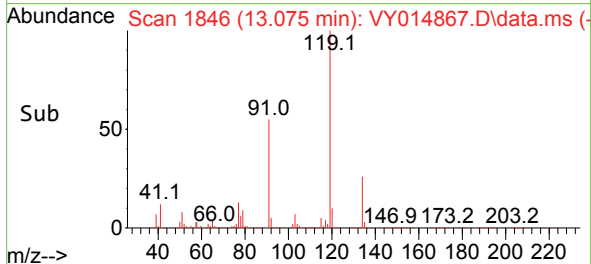
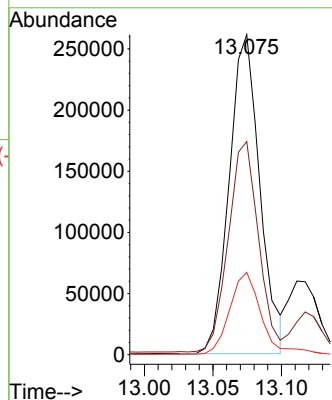
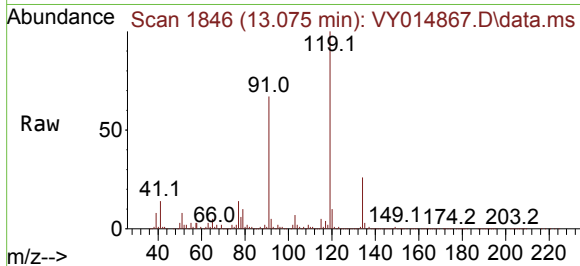




#83
 tert-Butylbenzene
 Concen: 43.682 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY014867.D
 Acq: 26 Jul 2023 22:09

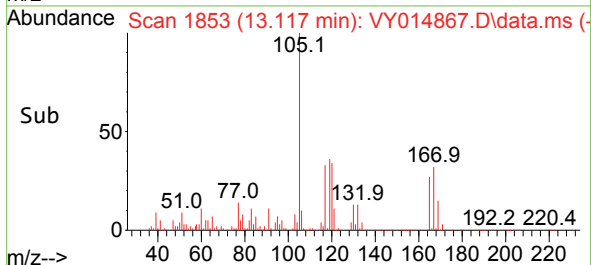
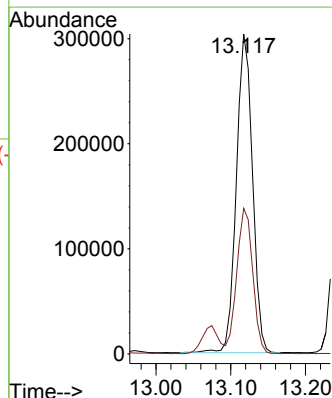
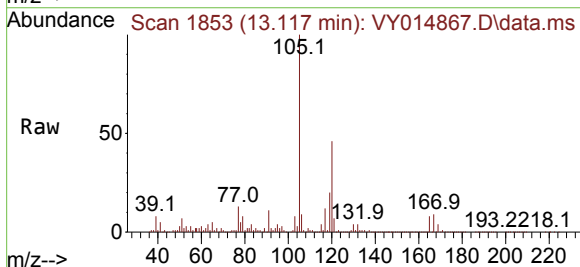
Instrument :
 MSVOA_Y
 ClientSampleId :

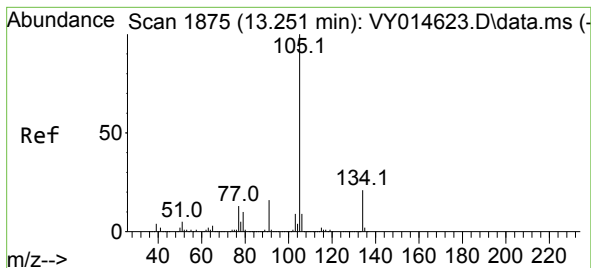
Tgt Ion:119 Resp: 406156
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.9 98.6
 134 26.4 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 44.323 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY014867.D
 Acq: 26 Jul 2023 22:09

Tgt Ion:105 Resp: 455933
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 43.529 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

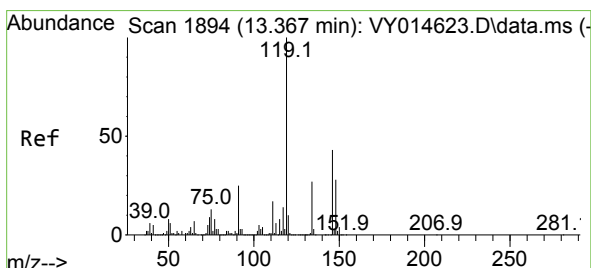
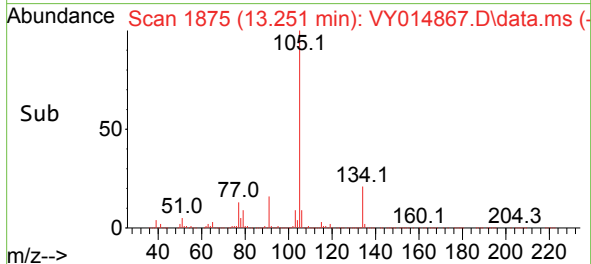
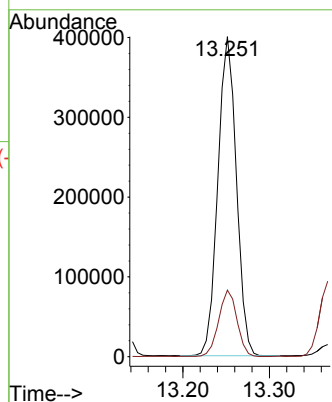
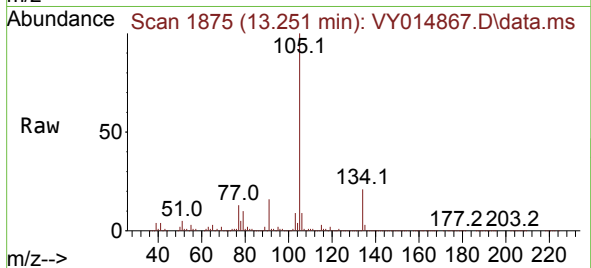
ClientSampleId :

Tgt Ion:105 Resp: 593715

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 44.953 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

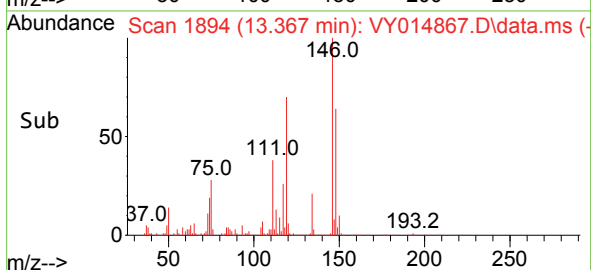
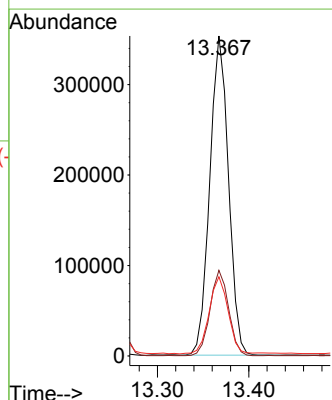
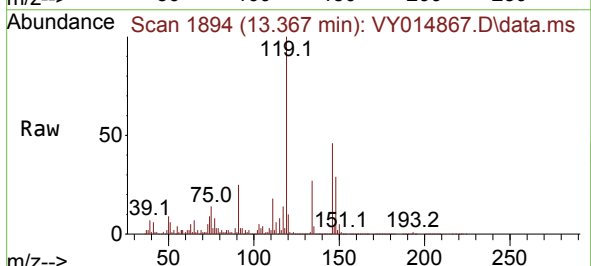
Tgt Ion:119 Resp: 500605

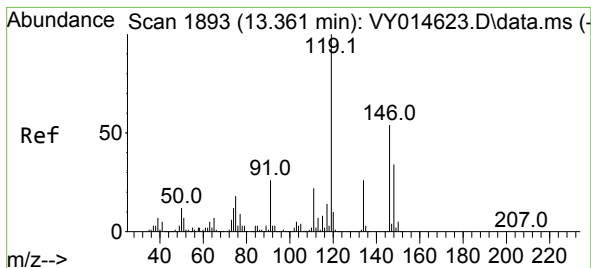
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 24.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.334 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

ClientSampleId :

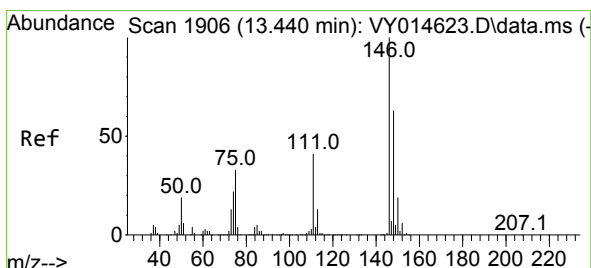
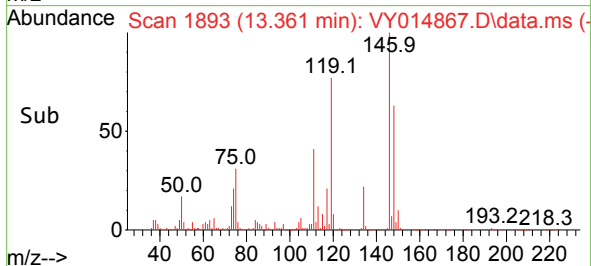
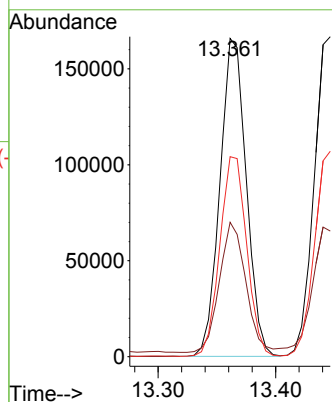
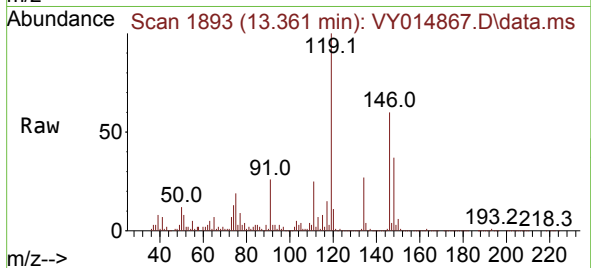
Tgt Ion:146 Resp: 258353

Ion Ratio Lower Upper

146 100

111 40.7 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.262 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

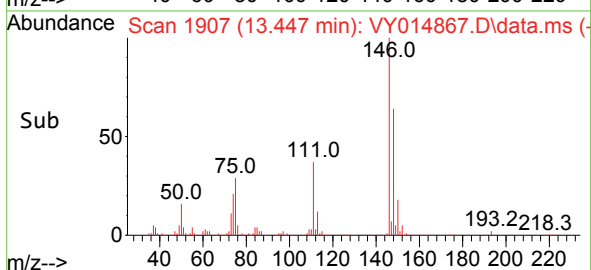
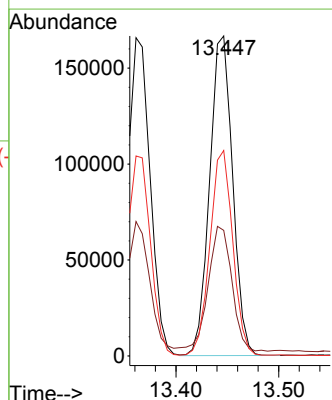
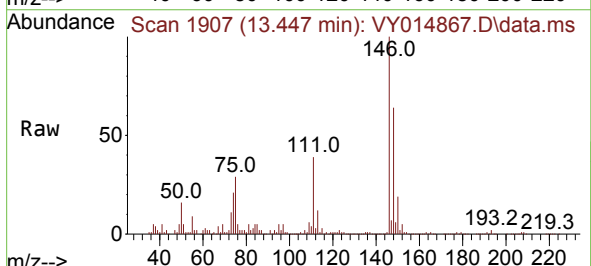
Tgt Ion:146 Resp: 258486

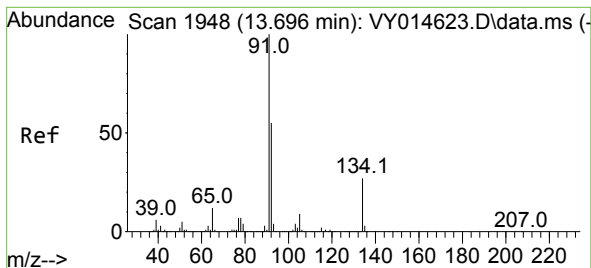
Ion Ratio Lower Upper

146 100

111 40.2 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 43.385 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

ClientSampleId :

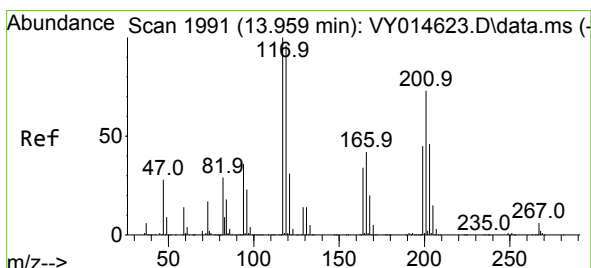
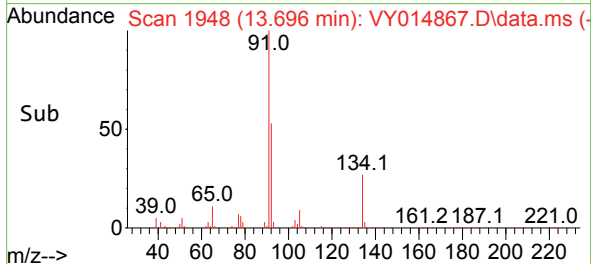
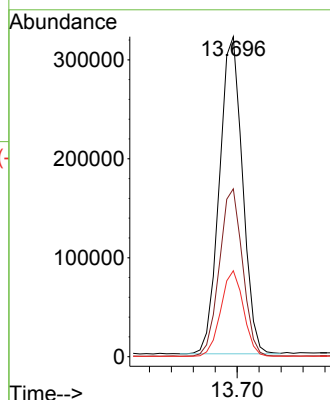
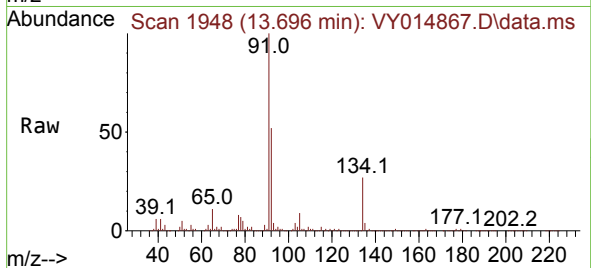
Tgt Ion: 91 Resp: 470048

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 43.938 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014867.D

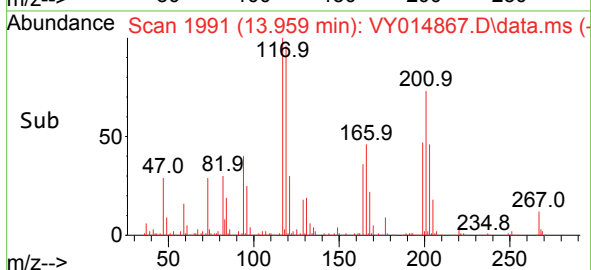
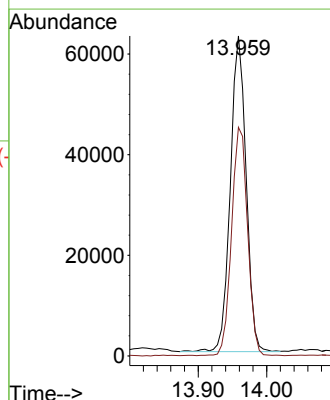
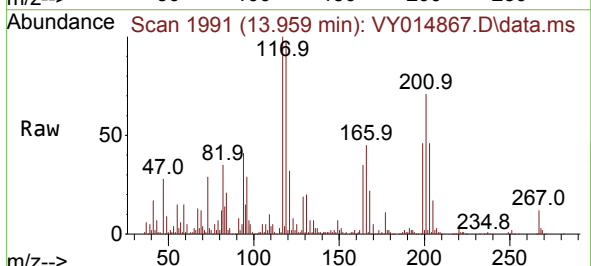
Acq: 26 Jul 2023 22:09

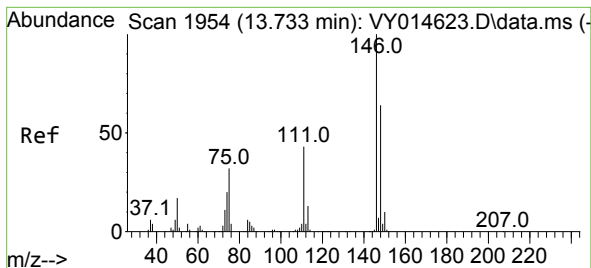
Tgt Ion: 117 Resp: 100502

Ion Ratio Lower Upper

117 100

201 73.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 47.135 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

ClientSampleId :

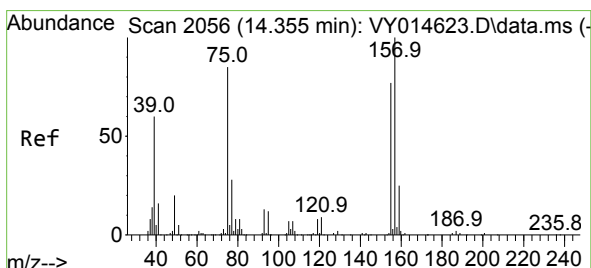
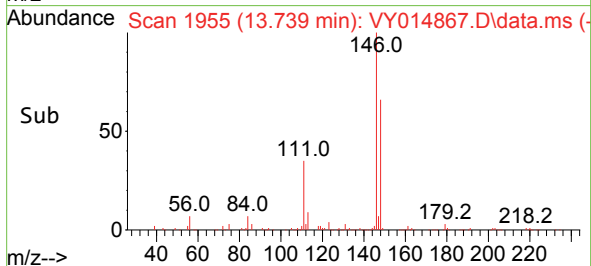
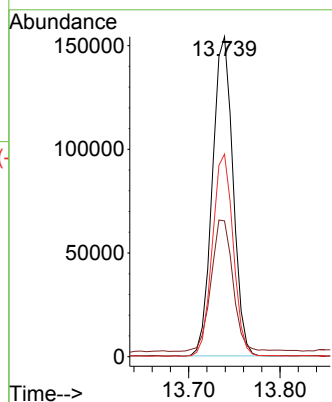
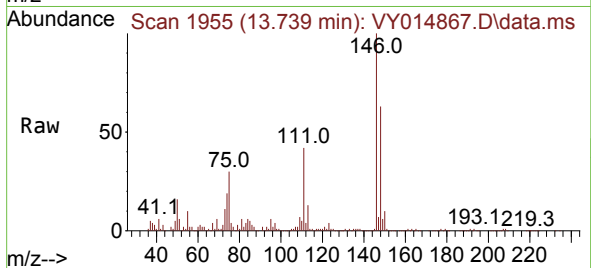
Tgt Ion:146 Resp: 240791

Ion Ratio Lower Upper

146 100

111 43.6 19.7 59.0

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.502 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

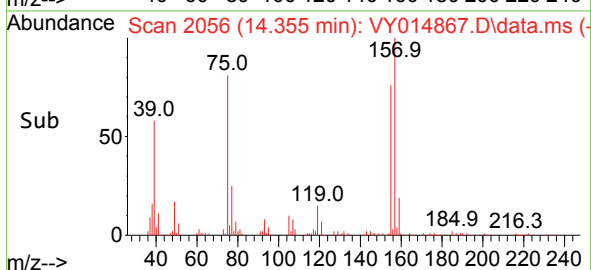
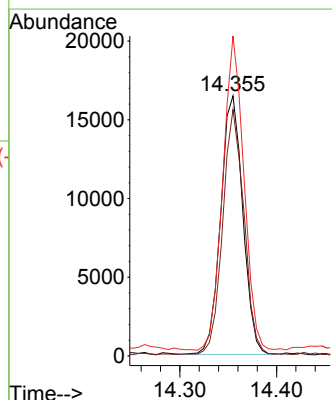
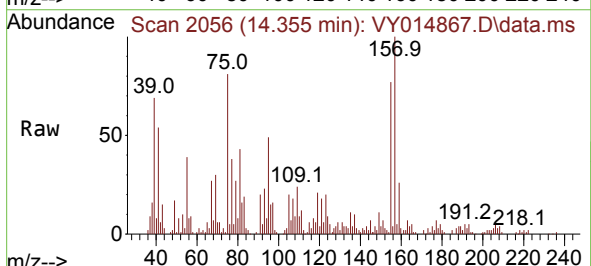
Tgt Ion: 75 Resp: 26000

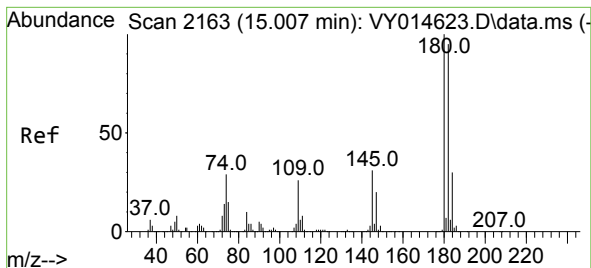
Ion Ratio Lower Upper

75 100

155 91.1 41.5 124.6

157 116.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.901 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

ClientSampleId :

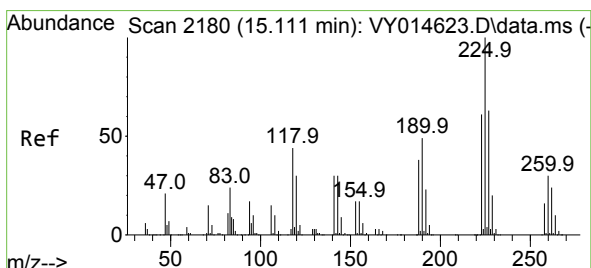
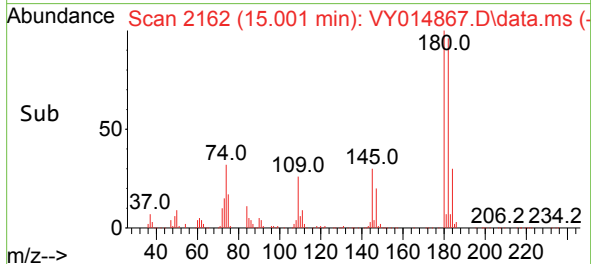
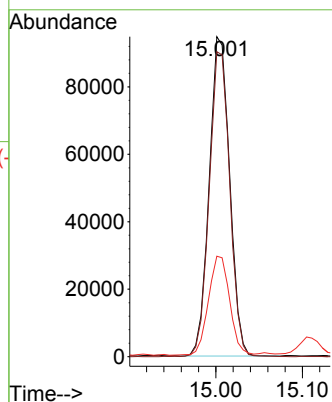
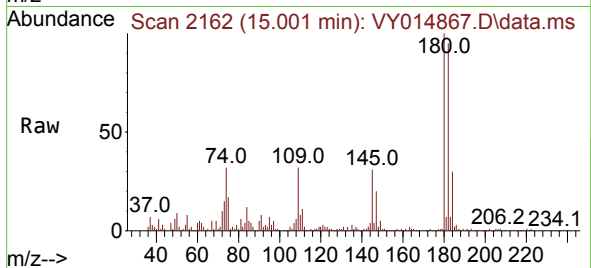
Tgt Ion:180 Resp: 155338

Ion Ratio Lower Upper

180 100

182 95.9 47.0 141.2

145 31.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 45.684 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

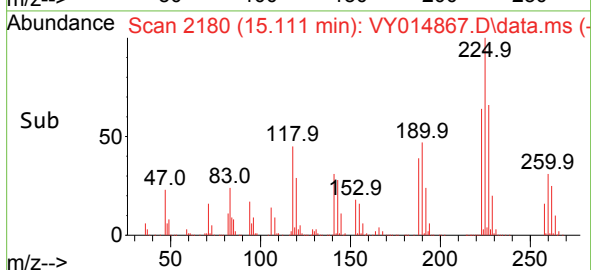
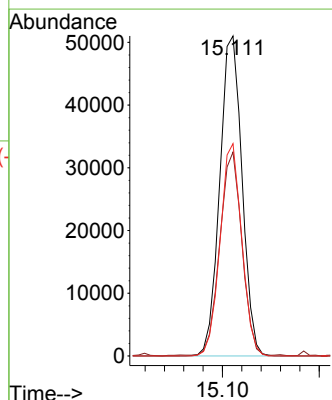
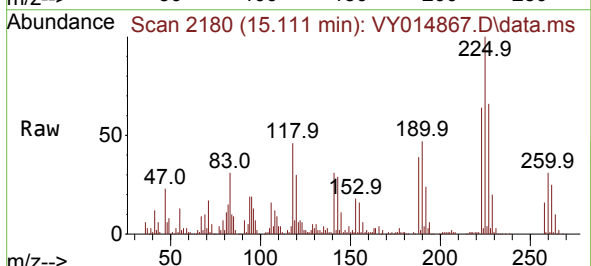
Tgt Ion:225 Resp: 81412

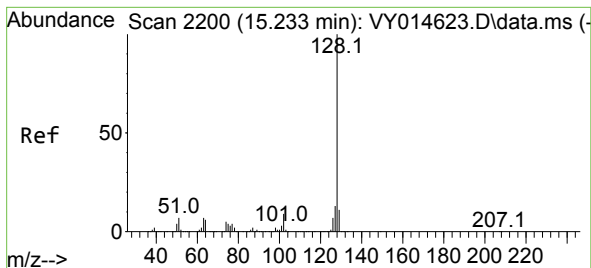
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.9

227 64.6 33.0 98.9





#95

Naphthalene

Concen: 51.386 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Instrument :

MSVOA_Y

ClientSampleId :

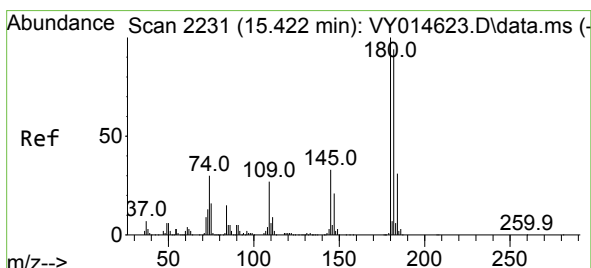
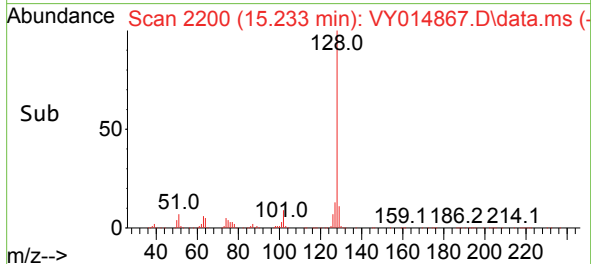
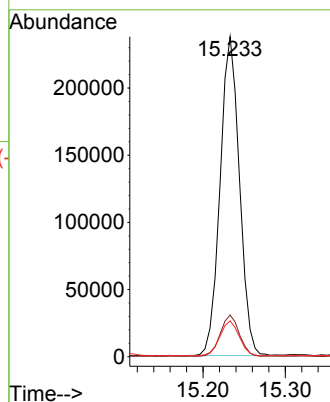
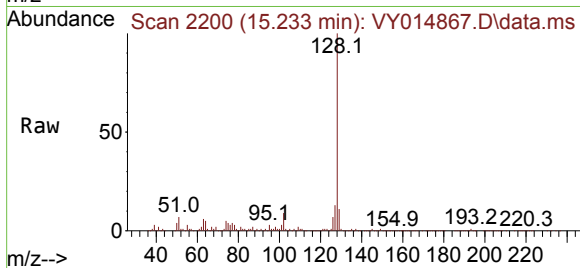
Tgt Ion:128 Resp: 388228

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.125 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014867.D

Acq: 26 Jul 2023 22:09

Tgt Ion:180 Resp: 141581

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 32.6 15.4 46.2

