

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015848.D
 Acq On : 05 Oct 2023 14:24
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 06 05:20:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:15:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154807	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	316488	154.135	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 308.260%#	
35) Dibromofluoromethane	7.716	113	307436	153.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 307.100%#	
50) Toluene-d8	10.179	98	1017054	156.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 312.920%#	
62) 4-Bromofluorobenzene	12.483	95	396937	149.391	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 298.780%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	151235	157.571	ug/l	96
3) Chloromethane	2.107	50	176149	165.145	ug/l	99
4) Vinyl Chloride	2.247	62	214738	159.843	ug/l	97
5) Bromomethane	2.631	94	109192	151.533	ug/l	99
6) Chloroethane	2.771	64	141588	147.553	ug/l	95
7) Trichlorofluoromethane	3.107	101	413167	158.516	ug/l	98
8) Diethyl Ether	3.521	74	187719	165.191	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	273034	160.710	ug/l	94
10) Methyl Iodide	4.082	142	281870	149.897	ug/l	97
11) Tert butyl alcohol	4.984	59	368691	753.158	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	227688	167.582	ug/l	91
13) Acrolein	3.728	56	130744	825.345	ug/l	99
14) Allyl chloride	4.466	41	427185	166.772	ug/l	91
15) Acrylonitrile	5.161	53	689698	778.055	ug/l	98
16) Acetone	3.954	43	747417	702.591	ug/l	91
17) Carbon Disulfide	4.180	76	382329	150.582	ug/l	98
18) Methyl Acetate	4.478	43	583076	168.411	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	1041864	162.237	ug/l	99
20) Methylene Chloride	4.704	84	316419	153.505	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	264305	168.881	ug/l	97
22) Diisopropyl ether	6.118	45	1056290	158.807	ug/l	91
23) Vinyl Acetate	6.057	43	3216092	798.861	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	568105	160.842	ug/l	98
25) 2-Butanone	6.990	43	1081530	739.101	ug/l	96
26) 2,2-Dichloropropane	6.978	77	508097	154.802	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	366242	161.886	ug/l	94
28) Bromochloromethane	7.331	49	313095	151.577	ug/l	93
29) Tetrahydrofuran	7.350	42	646412	791.682	ug/l	91
30) Chloroform	7.502	83	617708	156.335	ug/l	95
31) Cyclohexane	7.783	56	358285	154.803	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	515762	159.674	ug/l	98
36) 1,1-Dichloropropene	7.911	75	385509	161.396	ug/l	99
37) Ethyl Acetate	7.075	43	408474	152.815	ug/l #	95
38) Carbon Tetrachloride	7.898	117	443722	157.989	ug/l	99
39) Methylcyclohexane	9.179	83	433154	169.562	ug/l	93
40) Benzene	8.154	78	1207328	161.081	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	206466	165.271	ug/l	95
42) 1,2-Dichloroethane	8.234	62	421023	156.012	ug/l	93
43) Isopropyl Acetate	8.270	43	722478	157.034	ug/l	96
44) Trichloroethene	8.935	130	343575	156.630	ug/l	99
45) 1,2-Dichloropropane	9.215	63	351527	158.564	ug/l	97
46) Dibromomethane	9.301	93	224324	158.272	ug/l	97
47) Bromodichloromethane	9.496	83	513880	156.199	ug/l	98
48) Methyl methacrylate	9.288	41	318681	158.595	ug/l	87
49) 1,4-Dioxane	9.307	88	102959	3242.928	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	2179516	757.265	ug/l	90
52) Toluene	10.239	92	781562	159.374	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	563084	163.118	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	591589	161.432	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	341438	153.342	ug/l	97
56) Ethyl methacrylate	10.508	69	528340	163.651	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	556646	156.371	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	1569268	834.201	ug/l	95
59) 2-Hexanone	10.831	43	1672577	748.904	ug/l	88
60) Dibromochloromethane	10.983	129	406444	158.037	ug/l	99
61) 1,2-Dibromoethane	11.087	107	327806	157.533	ug/l	99
64) Tetrachloroethene	10.721	164	344940	152.920	ug/l	98
65) Chlorobenzene	11.514	112	912551	153.762	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	378100	154.949	ug/l	99
67) Ethyl Benzene	11.593	91	1593755	156.897	ug/l	98
68) m/p-Xylenes	11.703	106	1218627	315.594	ug/l	95
69) o-Xylene	12.026	106	606117	157.812	ug/l	97
70) Styrene	12.044	104	1055063	157.354	ug/l	97
71) Bromoform	12.203	173	287839	158.194	ug/l #	99
73) Isopropylbenzene	12.331	105	1587025	158.256	ug/l	100
74) N-amyl acetate	12.142	43	614783	158.648	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	465538	157.156	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	602983	263.118	ug/l #	100
77) Bromobenzene	12.605	156	396736	159.921	ug/l	94
78) n-propylbenzene	12.672	91	1894120	157.689	ug/l	99
79) 2-Chlorotoluene	12.757	91	1093116	158.029	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1319534	157.887	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	166122	167.804	ug/l	91
82) 4-Chlorotoluene	12.855	91	1139260	157.362	ug/l	100
83) tert-Butylbenzene	13.074	119	1194310	156.336	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	1323789	157.667	ug/l	98
85) sec-Butylbenzene	13.251	105	1744842	155.679	ug/l	100
86) p-Isopropyltoluene	13.367	119	1457460	156.155	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	768034	154.623	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	766706	152.666	ug/l	99
89) n-Butylbenzene	13.696	91	1363510	153.527	ug/l	96
90) Hexachloroethane	13.958	117	290598	159.513	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	717394	153.357	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	91569	154.053	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	472446	155.169	ug/l	99
94) Hexachlorobutadiene	15.111	225	235322	148.331	ug/l	98
95) Naphthalene	15.232	128	1297857	159.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	437737	153.443	ug/l	98

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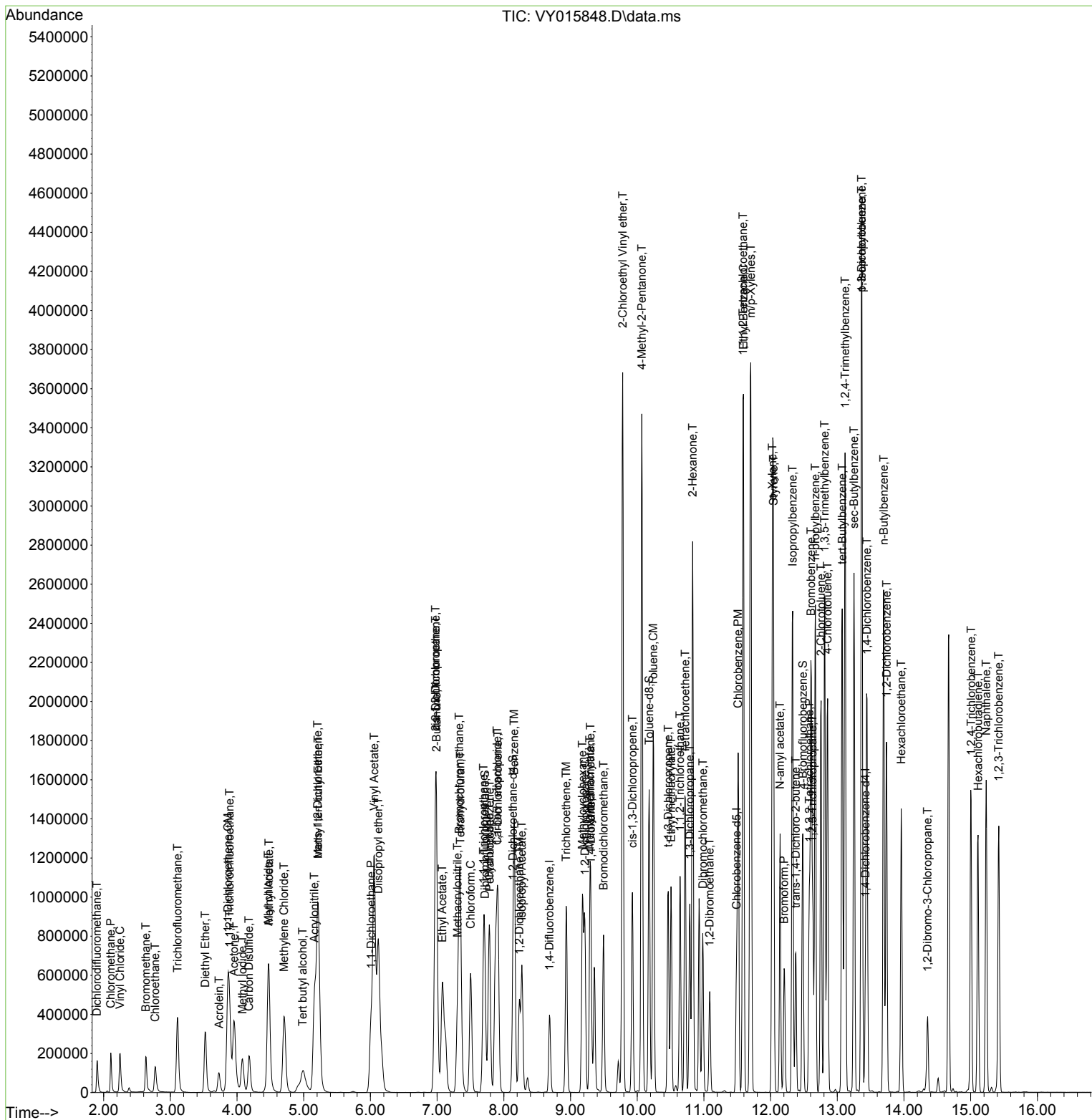
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ClientSampleId :

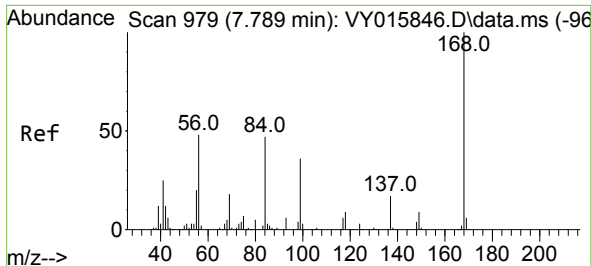
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Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:15:27 2023
Response via : Initial Calibration

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

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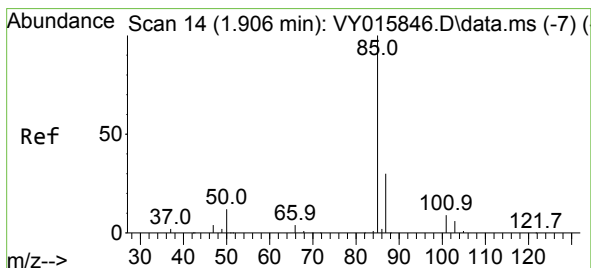
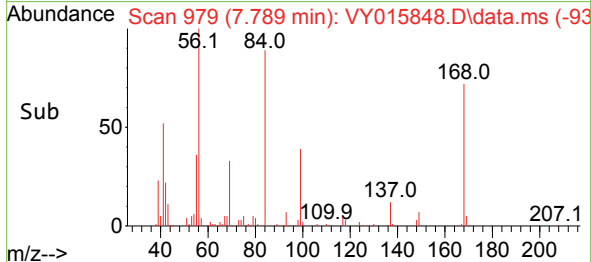
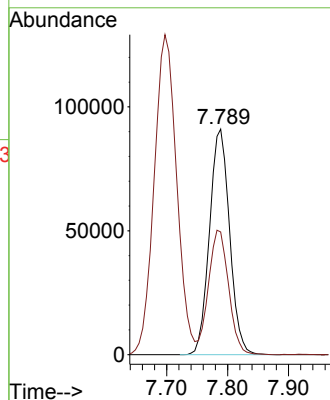
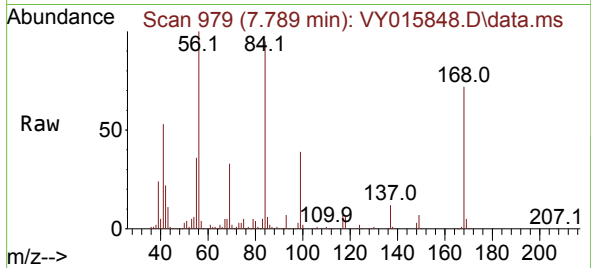




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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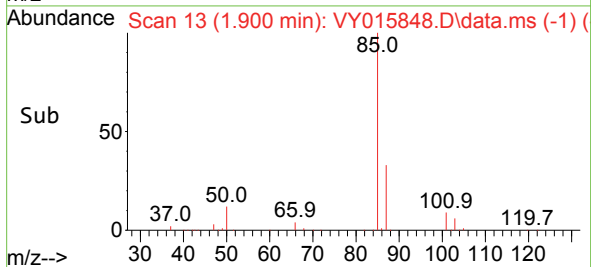
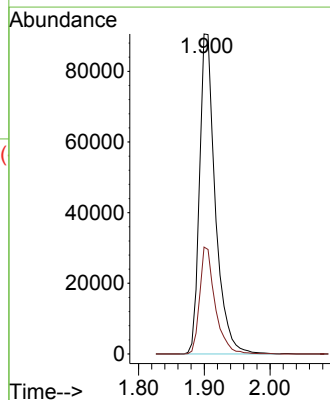
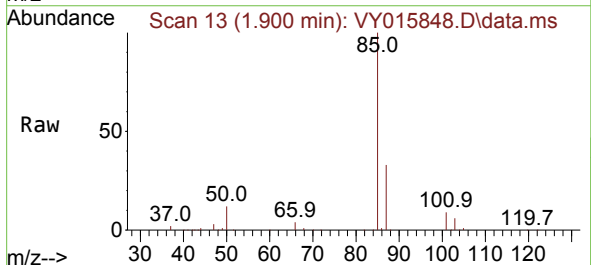
Instrument :
MSVOA_Y
ClientSampleId :

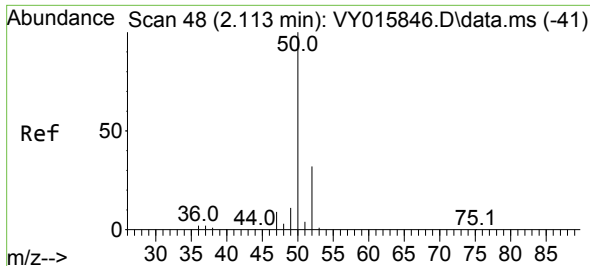
Tgt Ion:168 Resp: 208705
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 157.571 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 85 Resp: 151235
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8

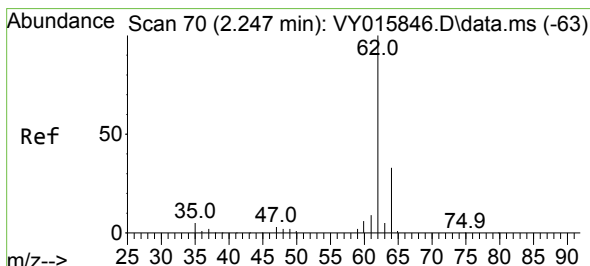
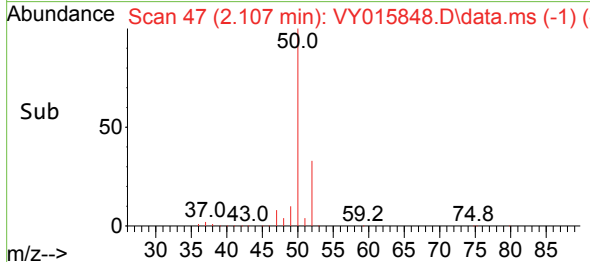
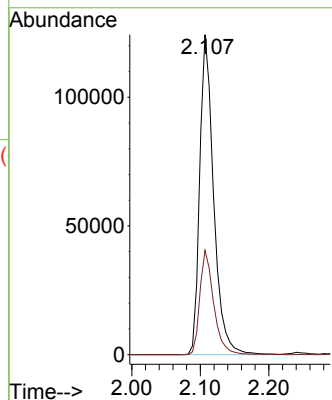
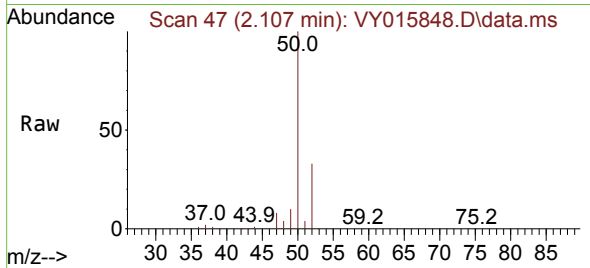




#3
Chloromethane
Concen: 165.145 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

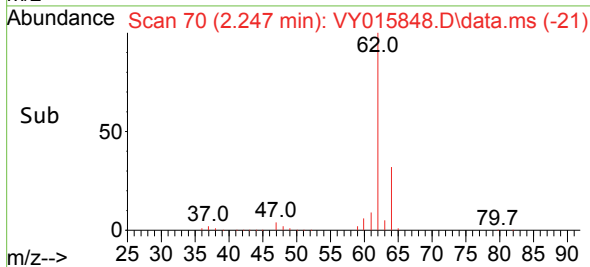
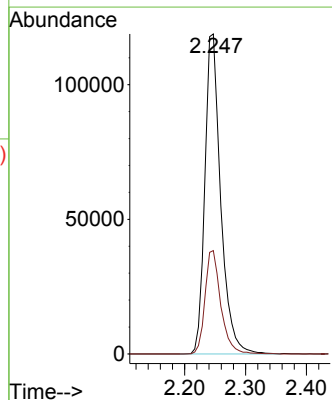
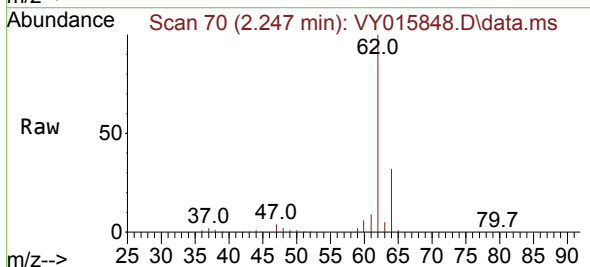
Instrument :
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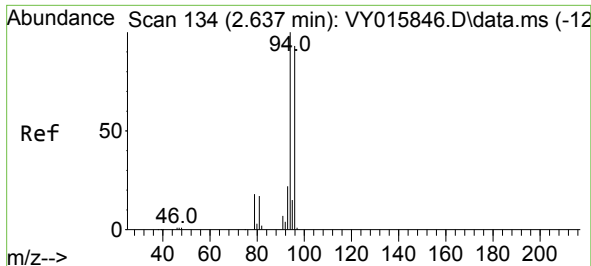
Tgt Ion: 50 Resp: 176149
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 159.843 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 62 Resp: 214738
Ion Ratio Lower Upper
62 100
64 32.3 24.3 36.5

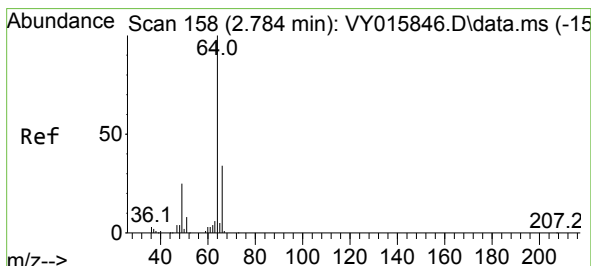
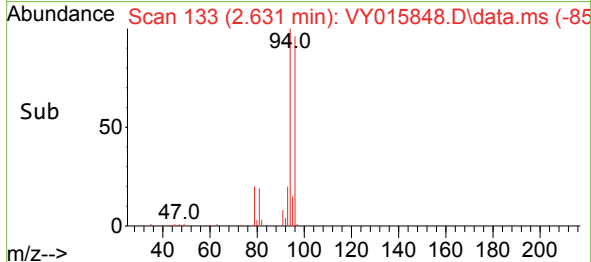
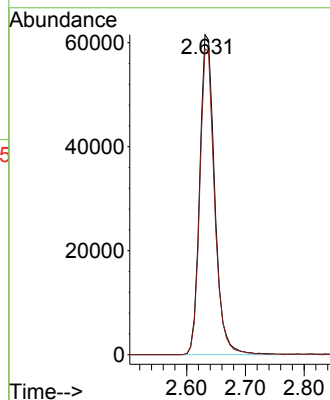
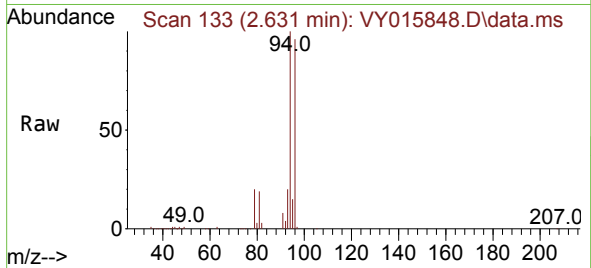




#5
Bromomethane
Concen: 151.533 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

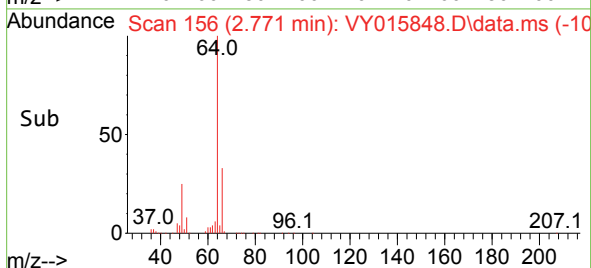
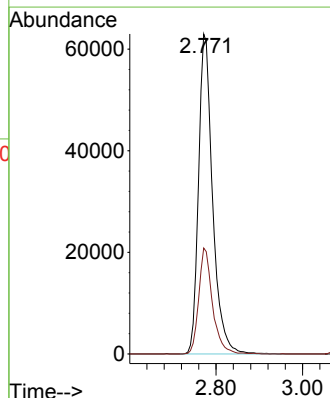
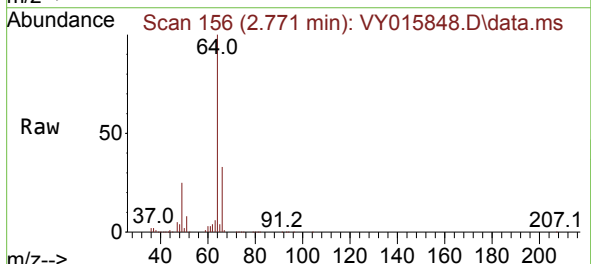
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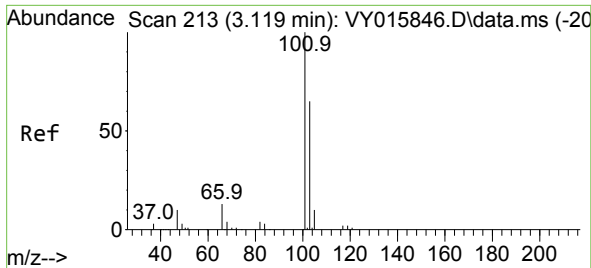
Tgt Ion: 94 Resp: 109192
Ion Ratio Lower Upper
94 100
96 95.6 75.8 113.6



#6
Chloroethane
Concen: 147.553 ug/l
RT: 2.771 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

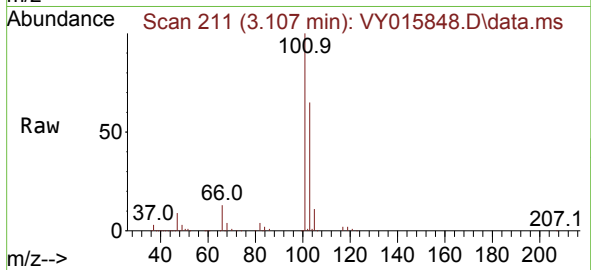
Tgt Ion: 64 Resp: 141588
Ion Ratio Lower Upper
64 100
66 33.1 24.4 36.6



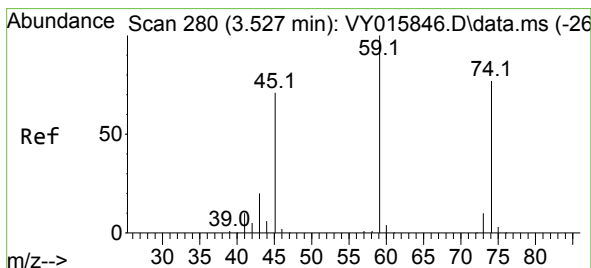
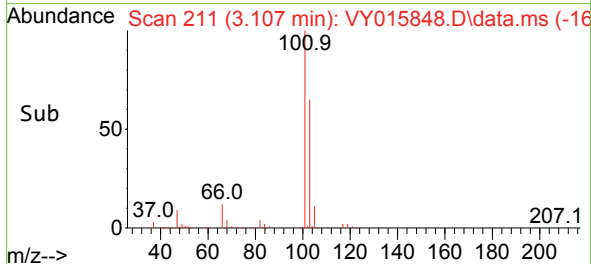
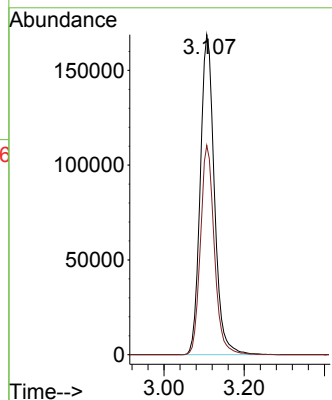


#7
 Trichlorofluoromethane
 Concen: 158.516 ug/l
 RT: 3.107 min Scan# 213
 Delta R.T. -0.012 min
 Lab File: VY015848.D
 Acq: 05 Oct 2023 14:24

Instrument :
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 ClientSampleId :

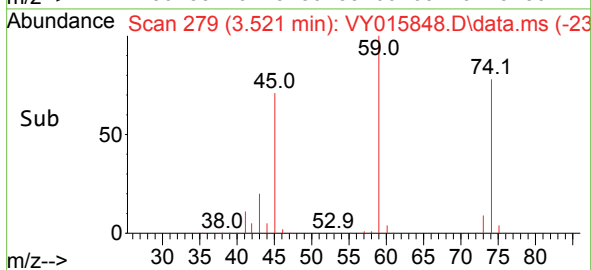
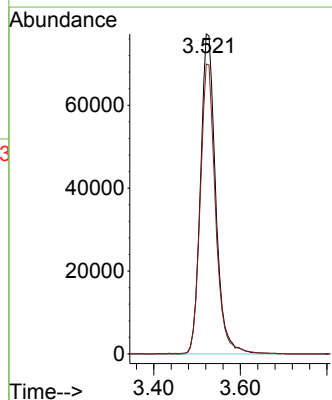
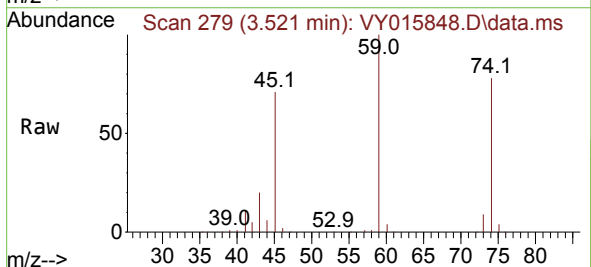


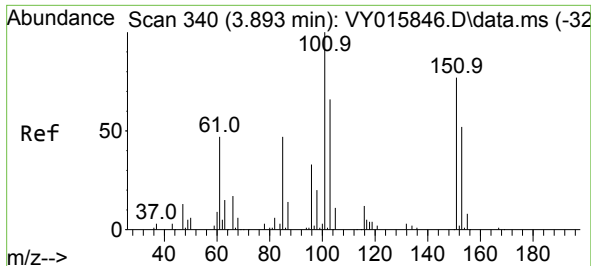
Tgt Ion:101 Resp: 413167
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 165.191 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY015848.D
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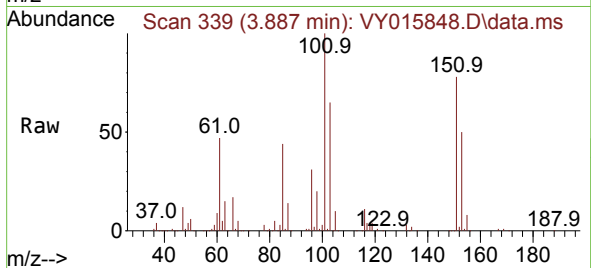
Tgt Ion: 74 Resp: 187719
 Ion Ratio Lower Upper
 74 100
 45 91.2 51.5 154.5



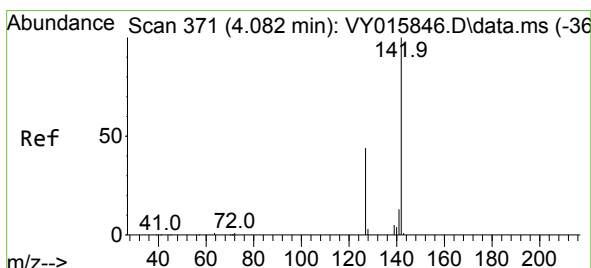
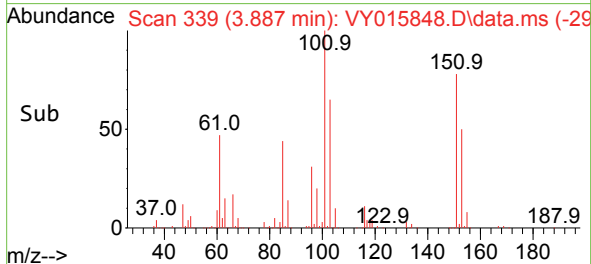
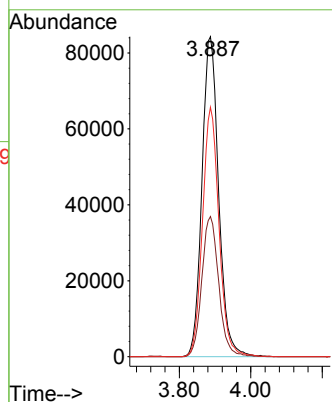


#9
1,1,2-Trichlorotrifluoroethane
Concen: 160.710 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

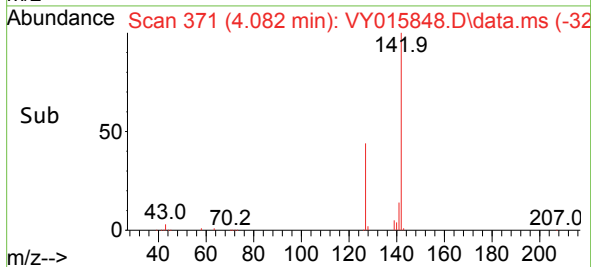
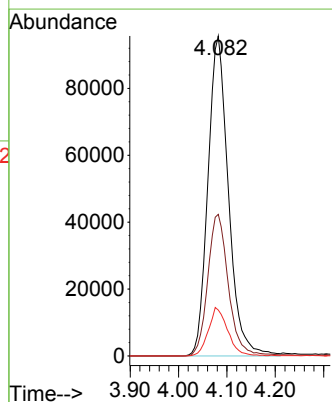
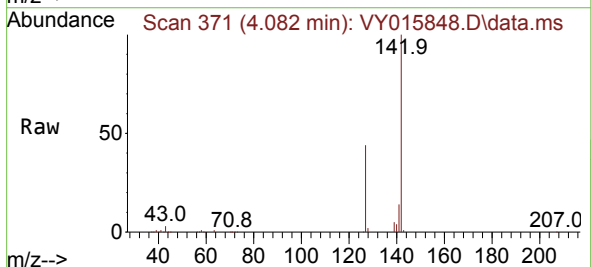


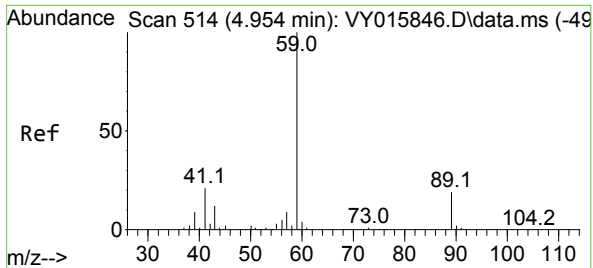
Tgt Ion:101 Resp: 273034
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 77.0 67.0 100.6



#10
Methyl Iodide
Concen: 149.897 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

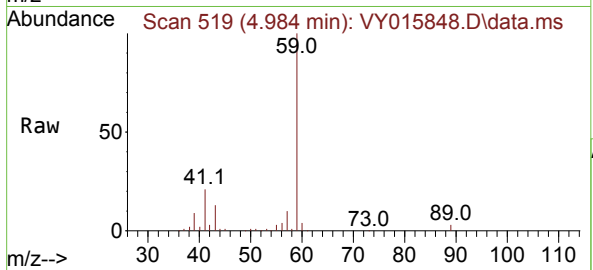
Tgt Ion:142 Resp: 281870
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 14.3 11.8 17.8



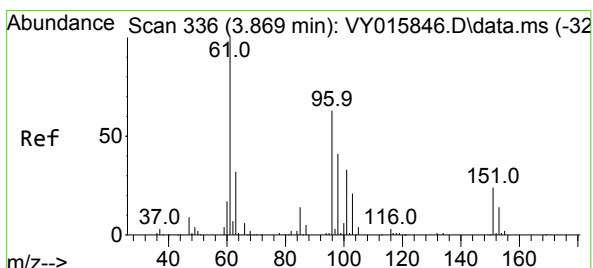
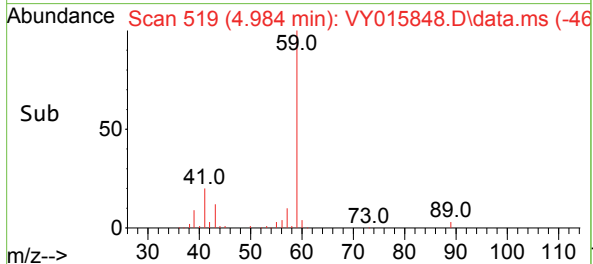
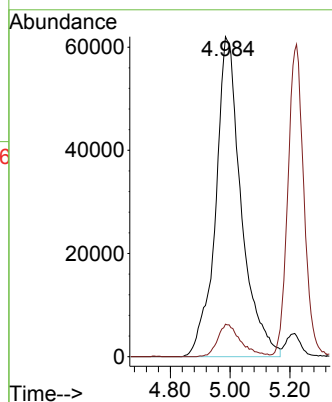


#11
Tert butyl alcohol
Concen: 753.158 ug/l
RT: 4.984 min Scan# 514
Delta R.T. 0.030 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

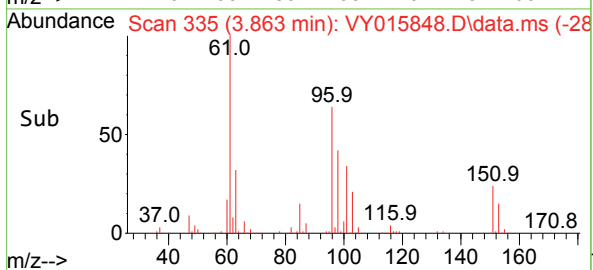
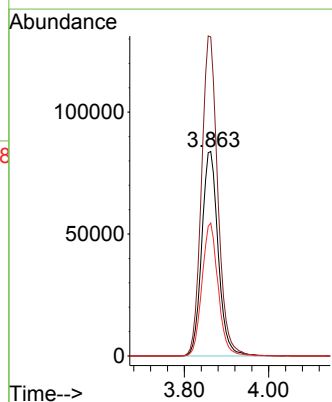
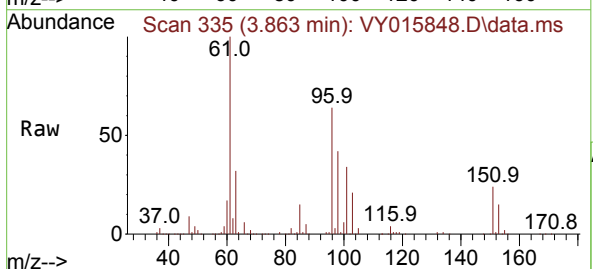


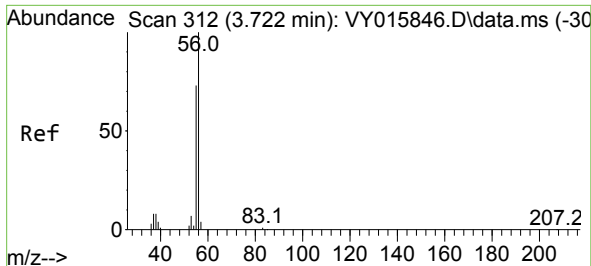
Tgt Ion: 59 Resp: 368691
Ion Ratio Lower Upper
59 100
57 9.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 167.582 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 96 Resp: 227688
Ion Ratio Lower Upper
96 100
61 156.0 136.4 204.6
98 65.0 49.4 74.2

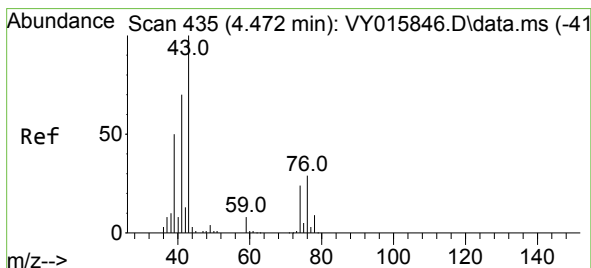
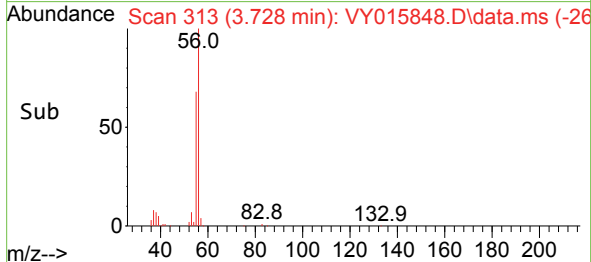
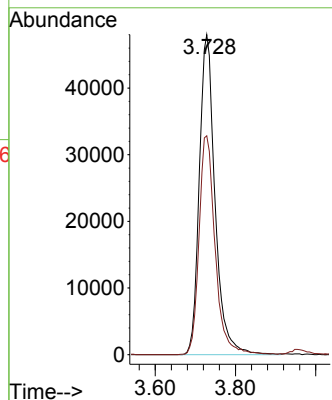
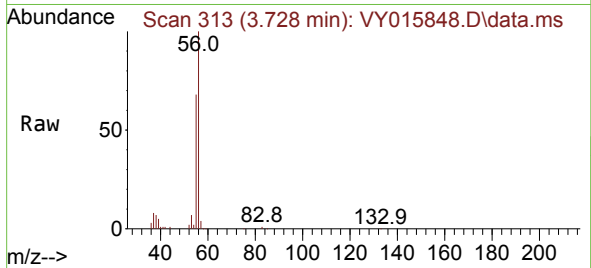




#13
Acrolein
Concen: 825.345 ug/l
RT: 3.728 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

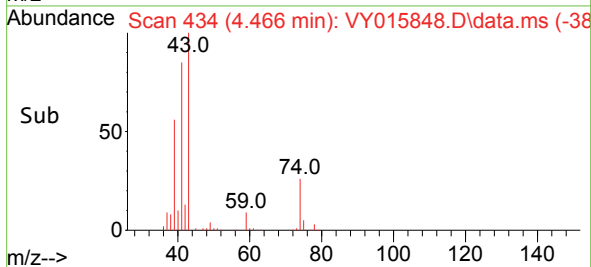
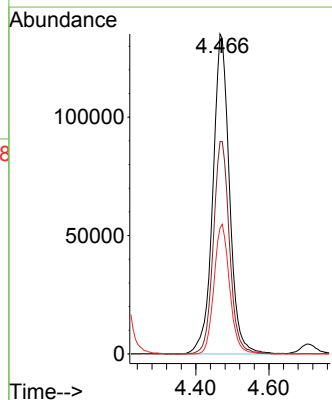
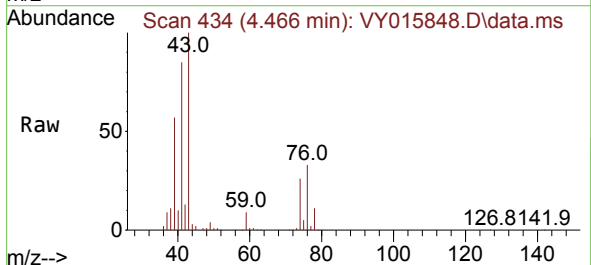
Instrument :
MSVOA_Y
ClientSampleId :

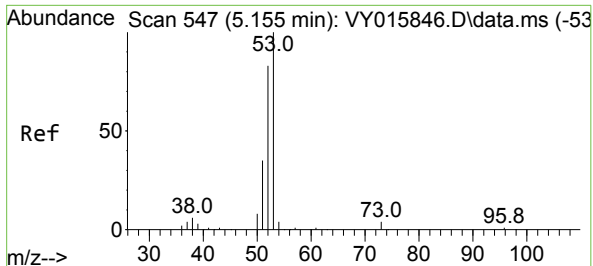
Tgt Ion: 56 Resp: 130744
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4



#14
Allyl chloride
Concen: 166.772 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 41 Resp: 427185
Ion Ratio Lower Upper
41 100
39 64.4 58.0 87.0
76 38.1 27.4 41.2

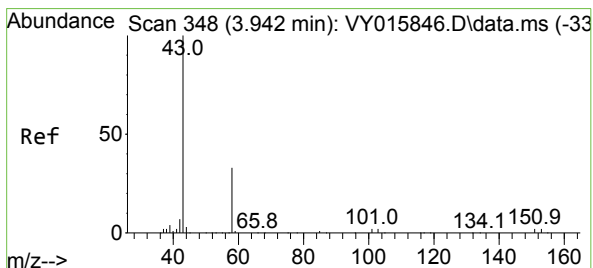
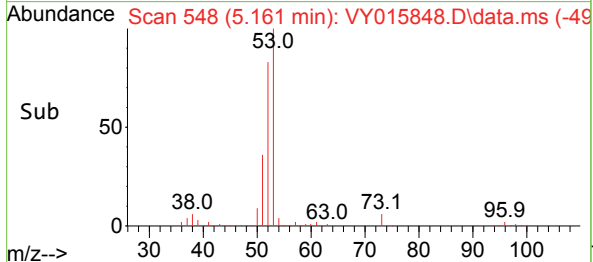
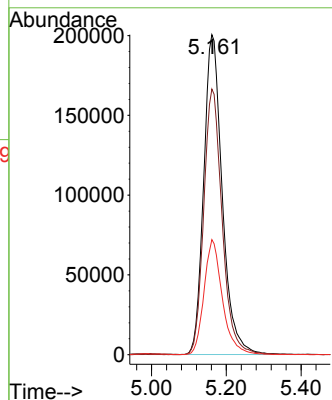
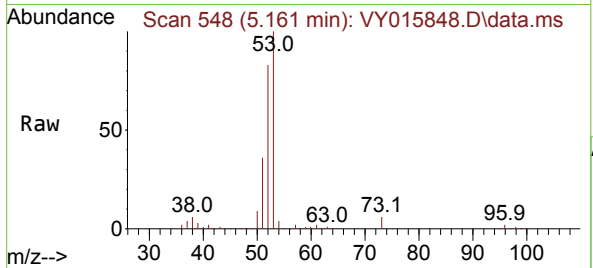




#15
Acrylonitrile
Concen: 778.055 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

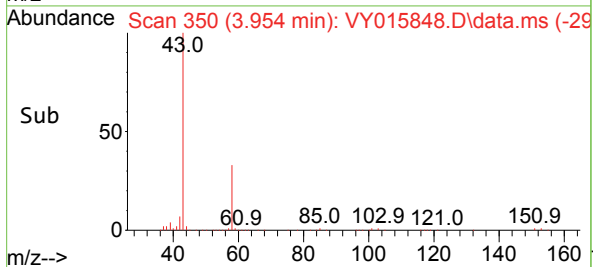
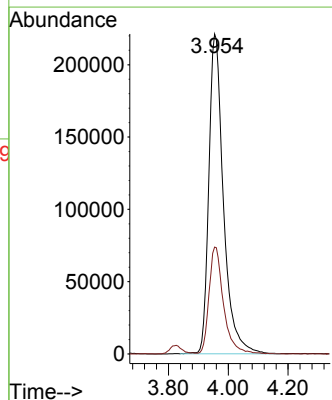
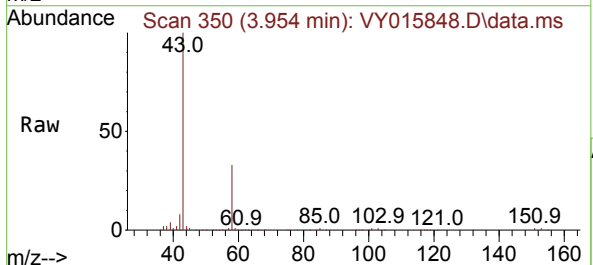
Instrument :
MSVOA_Y
ClientSampleId :

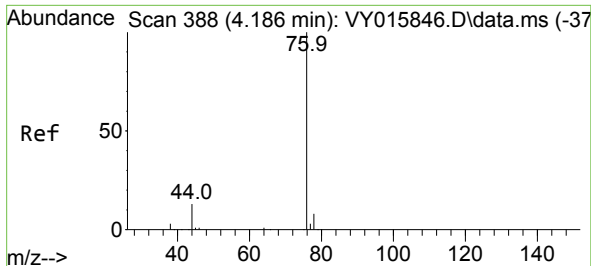
Tgt Ion: 53 Resp: 689698
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 35.7 29.8 44.6



#16
Acetone
Concen: 702.591 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 43 Resp: 747417
Ion Ratio Lower Upper
43 100
58 33.4 22.7 34.1





#17

Carbon Disulfide

Concen: 150.582 ug/l

RT: 4.180 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

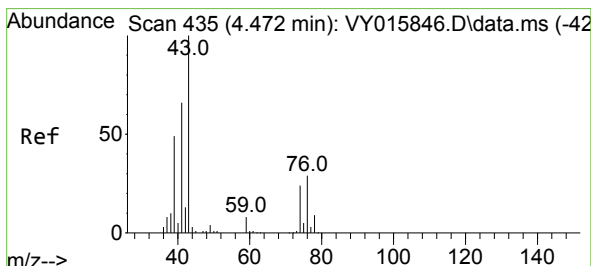
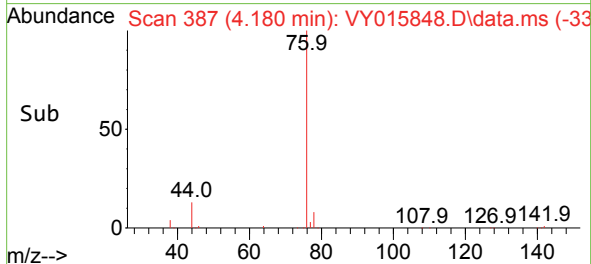
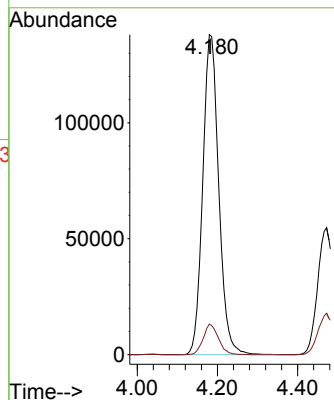
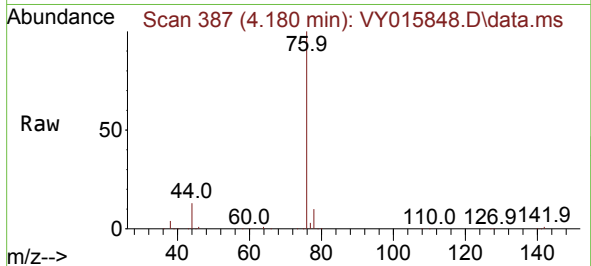
ClientSampleId :

Tgt Ion: 76 Resp: 382329

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4



#18

Methyl Acetate

Concen: 168.411 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015848.D

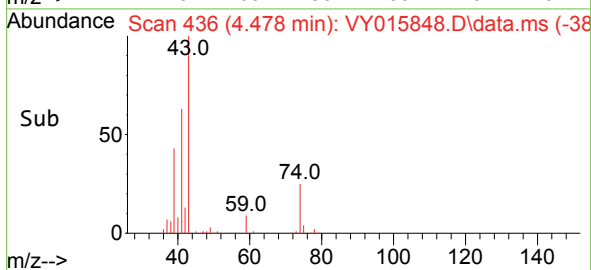
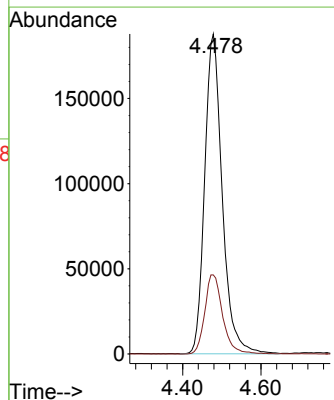
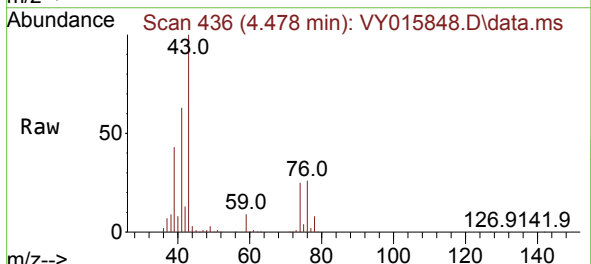
Acq: 05 Oct 2023 14:24

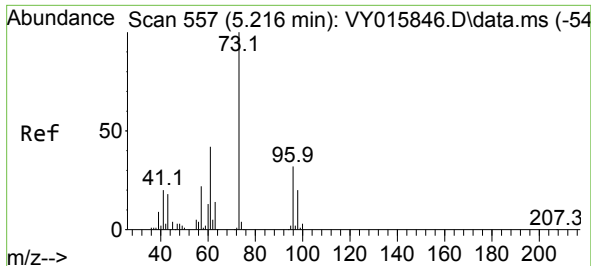
Tgt Ion: 43 Resp: 583076

Ion Ratio Lower Upper

43 100

74 25.2 17.4 26.0

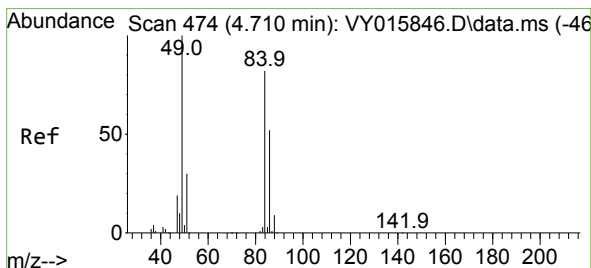
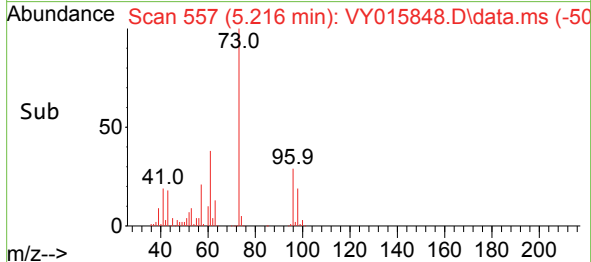
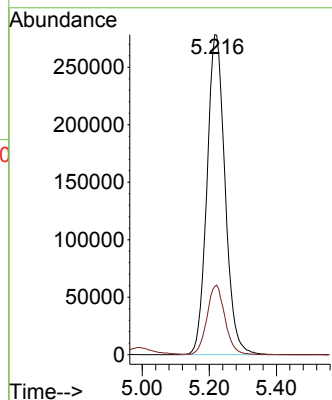
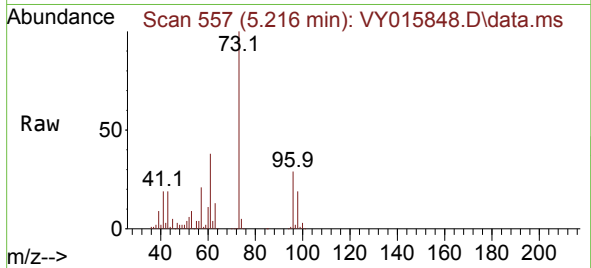




#19
Methyl tert-butyl Ether
Concen: 162.237 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

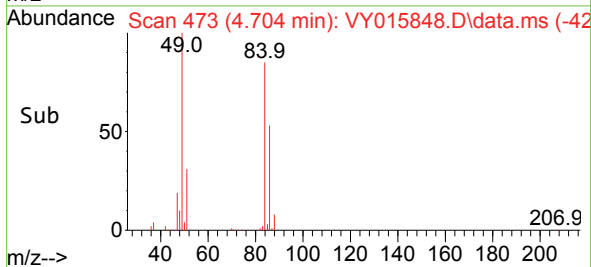
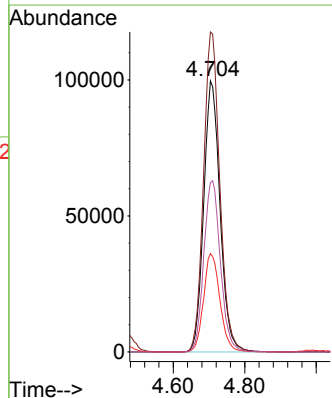
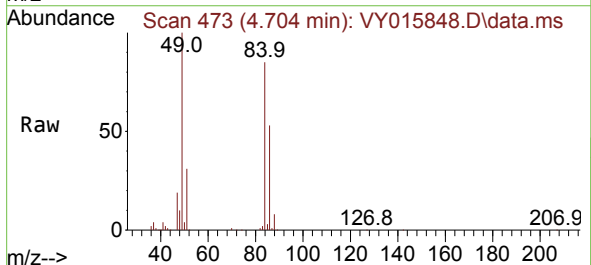
Instrument :
MSVOA_Y
ClientSampleId :

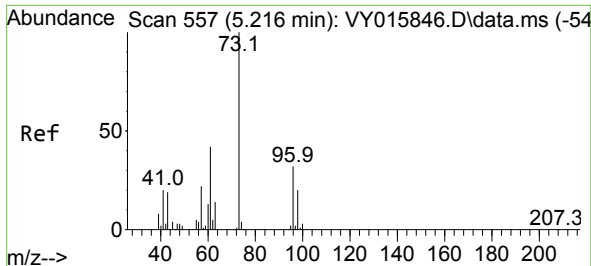
Tgt Ion: 73 Resp: 1041864
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 153.505 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

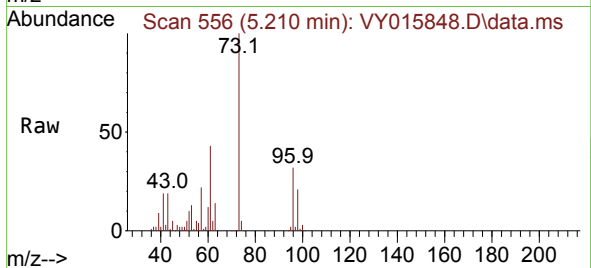
Tgt Ion: 84 Resp: 316419
Ion Ratio Lower Upper
84 100
49 118.1 106.9 160.3
51 36.3 33.2 49.8
86 62.5 51.0 76.6



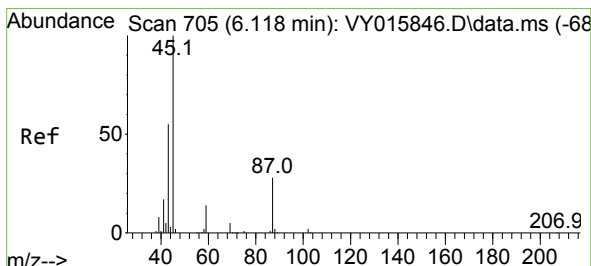
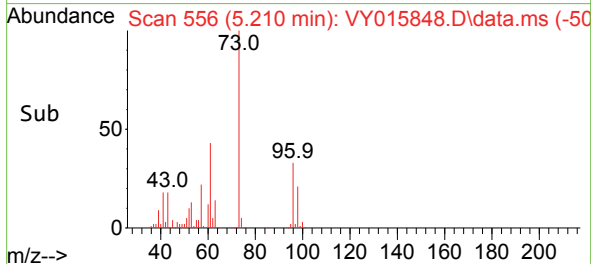
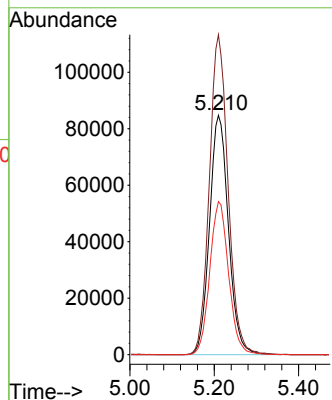


#21
trans-1,2-Dichloroethene
Concen: 168.881 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

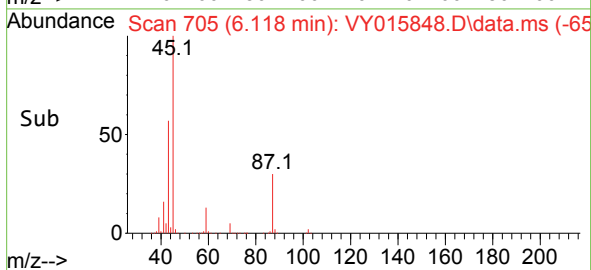
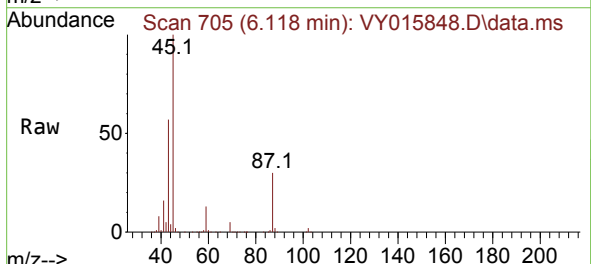
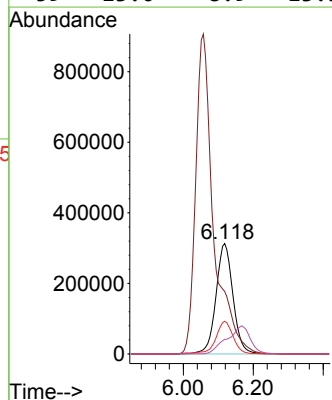


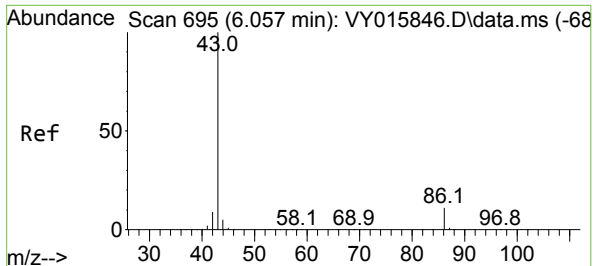
Tgt Ion: 96 Resp: 264305
Ion Ratio Lower Upper
96 100
61 133.7 110.2 165.4
98 63.9 51.8 77.6



#22
Diisopropyl ether
Concen: 158.807 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 45 Resp: 1056290
Ion Ratio Lower Upper
45 100
43 56.4 52.2 78.4
87 29.6 21.0 31.6
59 13.0 8.9 13.3

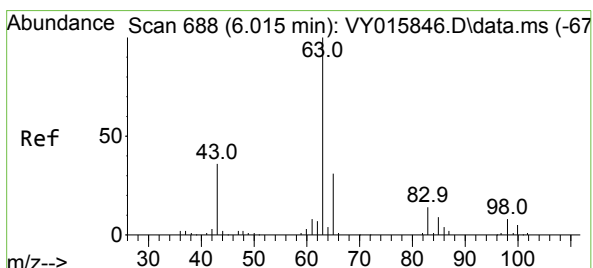
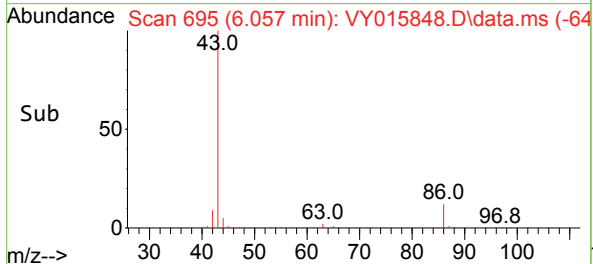
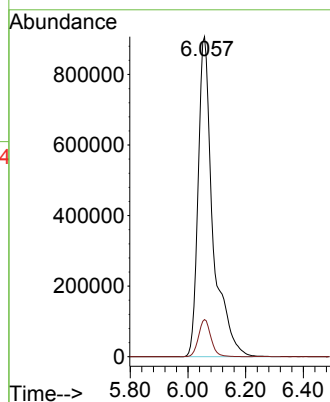
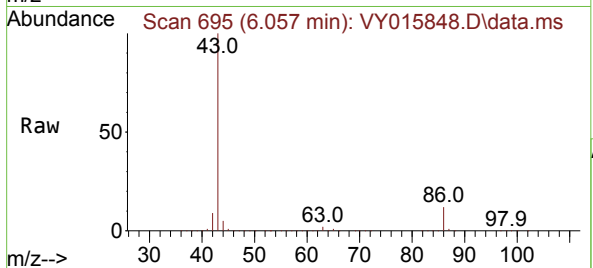




#23
 Vinyl Acetate
 Concen: 798.861 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY015848.D
 Acq: 05 Oct 2023 14:24

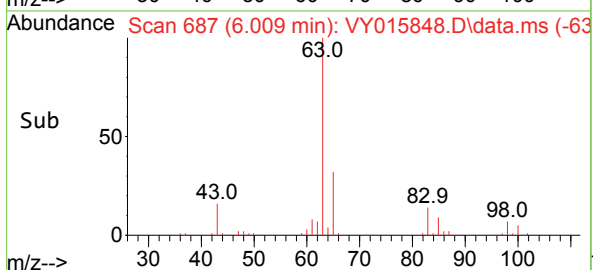
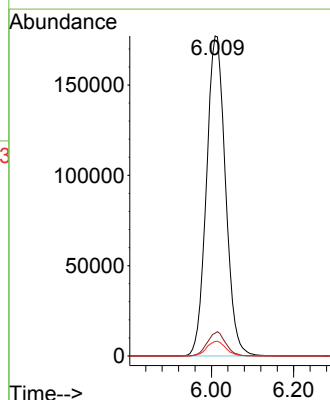
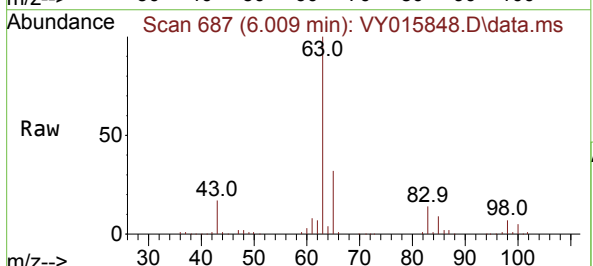
Instrument :
 MSVOA_Y
 ClientSampleId :

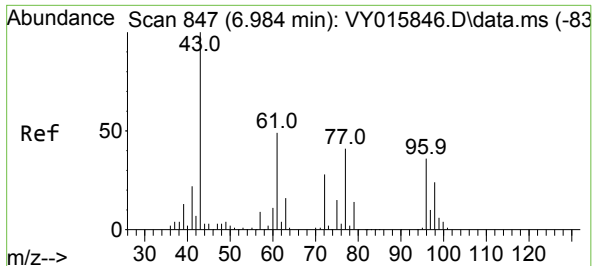
Tgt Ion: 43 Resp: 3216092
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 160.842 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY015848.D
 Acq: 05 Oct 2023 14:24

Tgt Ion: 63 Resp: 568105
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.5 1.8 5.5

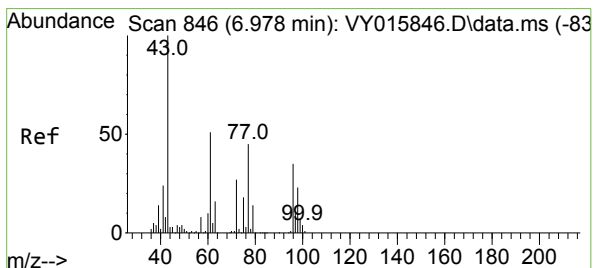
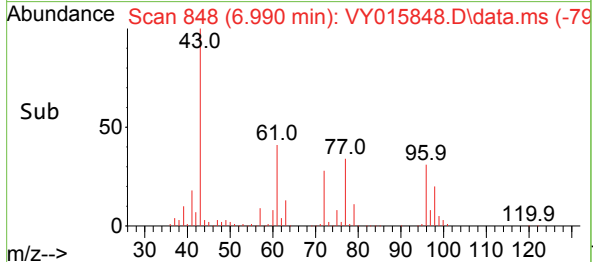
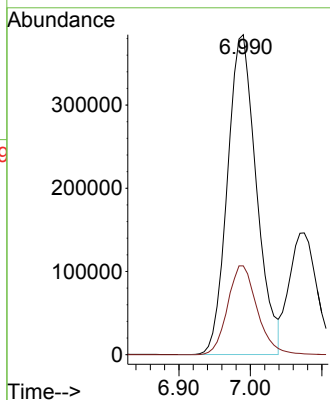
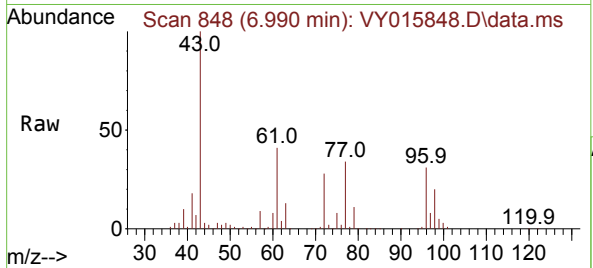




#25
2-Butanone
Concen: 739.101 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

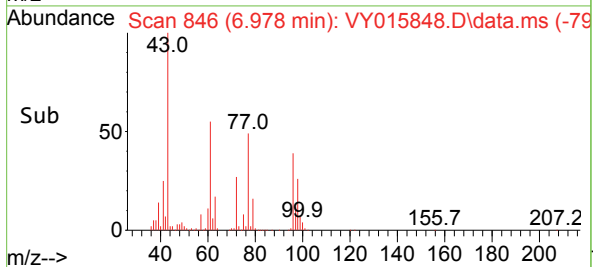
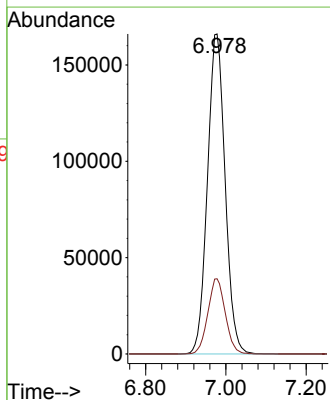
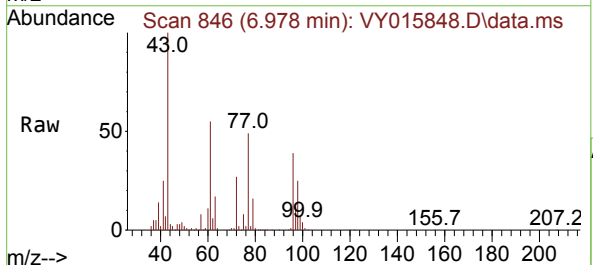
Instrument :
MSVOA_Y
ClientSampleId :

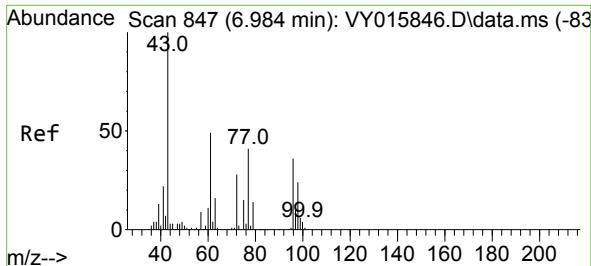
Tgt Ion: 43 Resp: 1081530
Ion Ratio Lower Upper
43 100
72 27.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 154.802 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 77 Resp: 508097
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 161.886 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

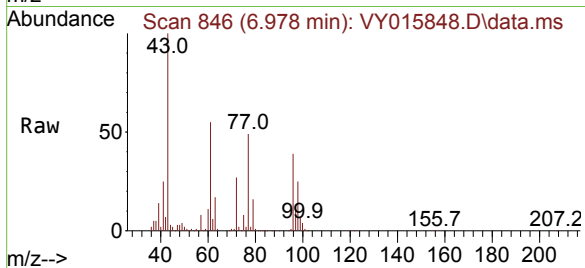
Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :



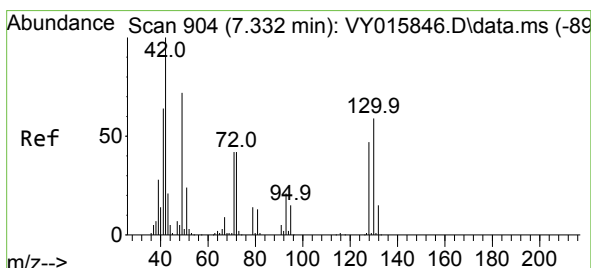
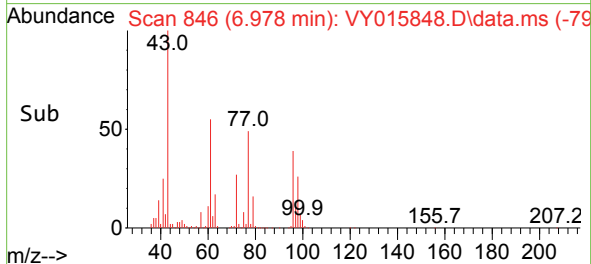
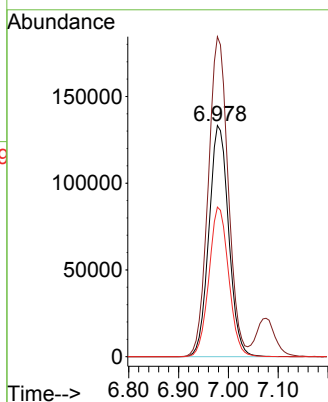
Tgt Ion: 96 Resp: 366242

Ion Ratio Lower Upper

96 100

61 140.0 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 151.577 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

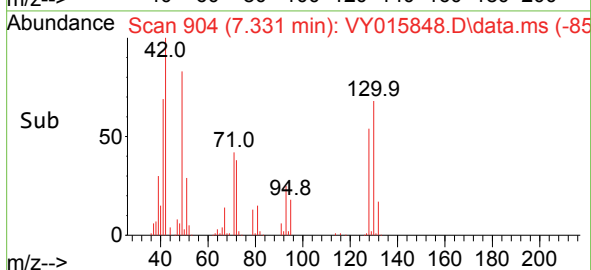
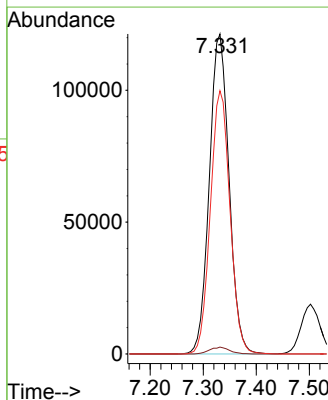
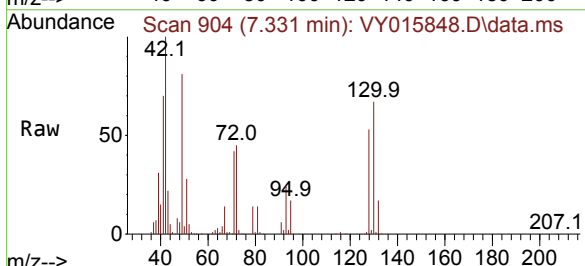
Tgt Ion: 49 Resp: 313095

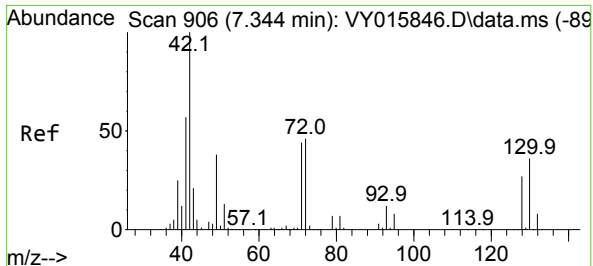
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 82.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 791.682 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

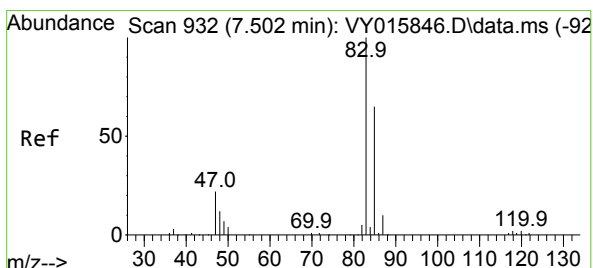
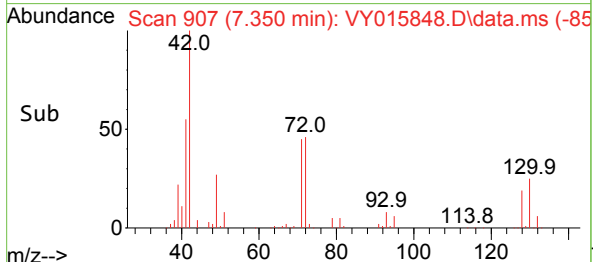
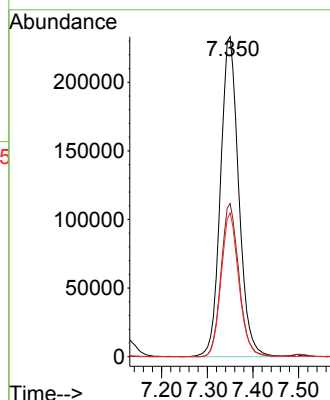
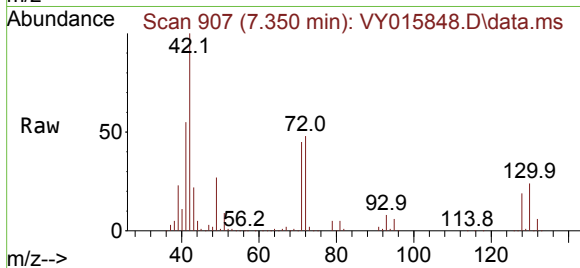
Tgt Ion: 42 Resp: 646412

Ion Ratio Lower Upper

42 100

72 47.0 32.8 49.2

71 43.7 31.0 46.4



#30

Chloroform

Concen: 156.335 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY015848.D

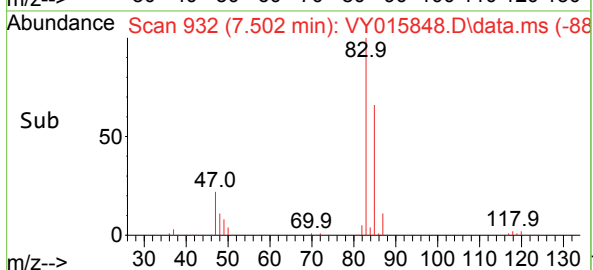
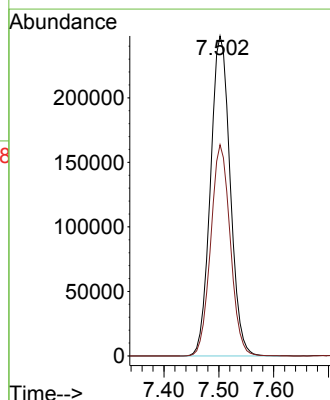
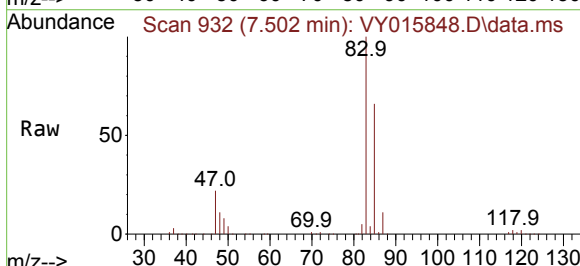
Acq: 05 Oct 2023 14:24

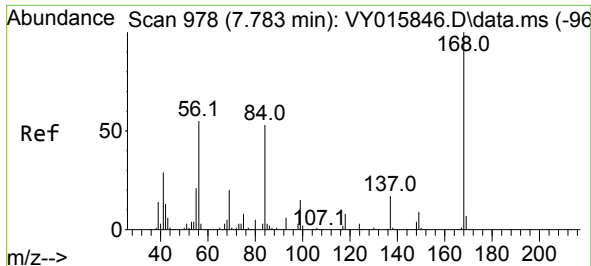
Tgt Ion: 83 Resp: 617708

Ion Ratio Lower Upper

83 100

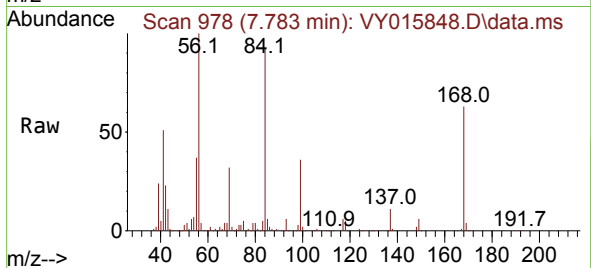
85 66.0 49.7 74.5



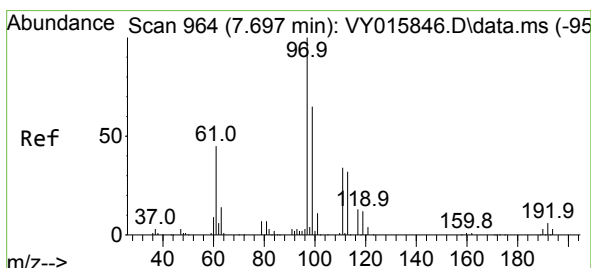
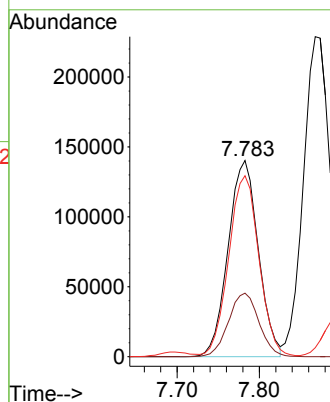
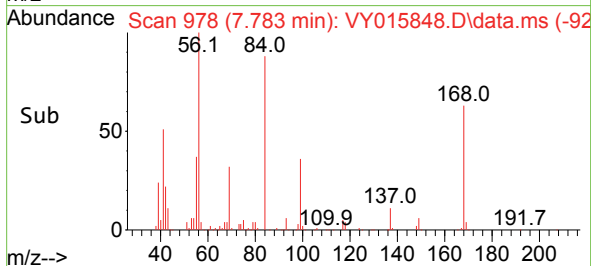


#31
Cyclohexane
Concen: 154.803 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

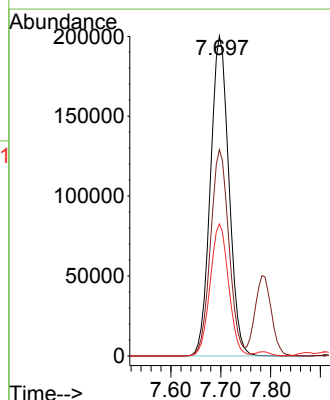
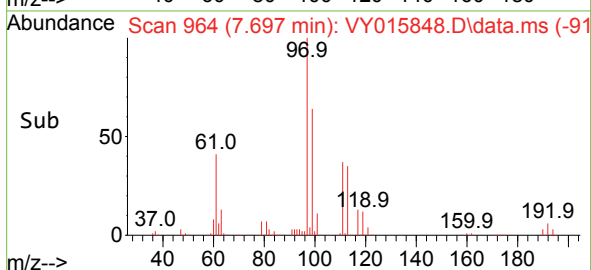
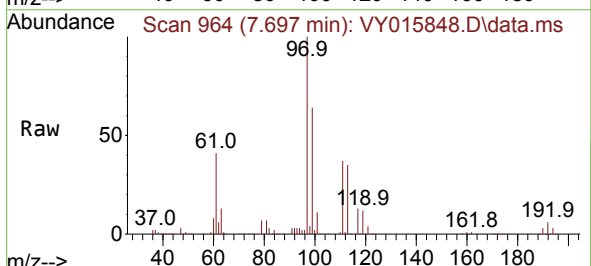


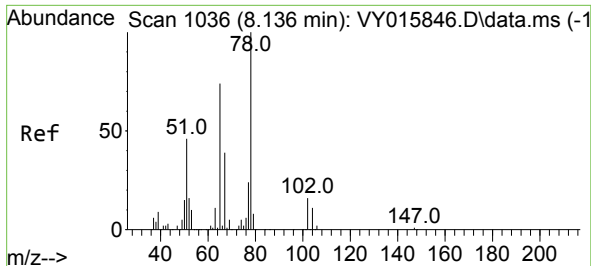
Tgt Ion: 56 Resp: 358285
Ion Ratio Lower Upper
56 100
69 32.4 27.8 41.6
84 90.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 159.674 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 97 Resp: 515762
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 41.2 35.1 52.7

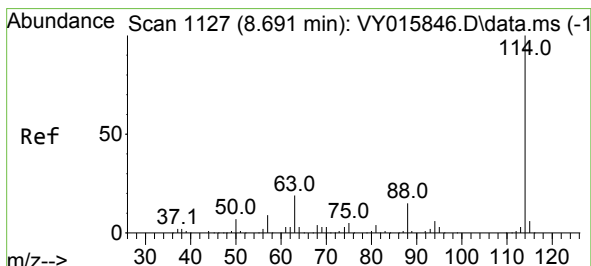
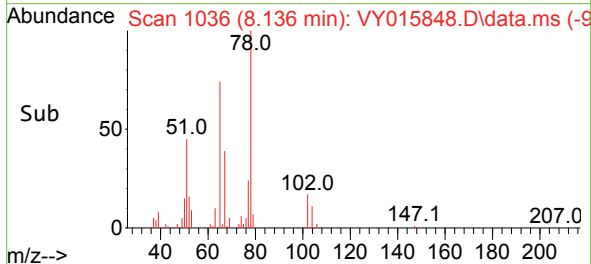
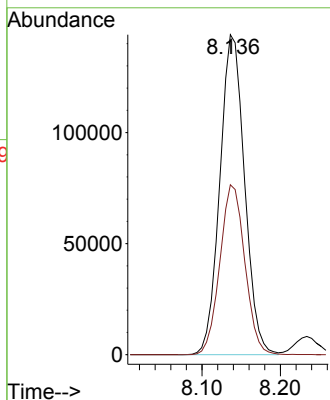
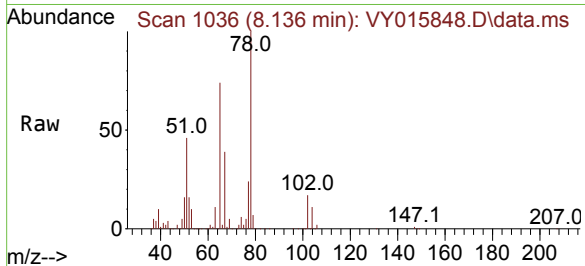




#33
 1,2-Dichloroethane-d4
 Concen: 154.135 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: VY015848.D
 Acq: 05 Oct 2023 14:24

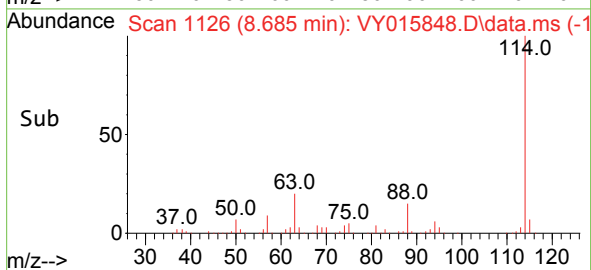
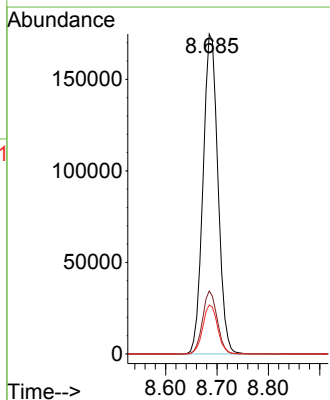
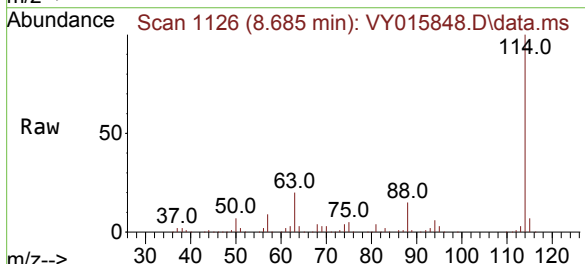
Instrument :
 MSVOA_Y
 ClientSampleId :

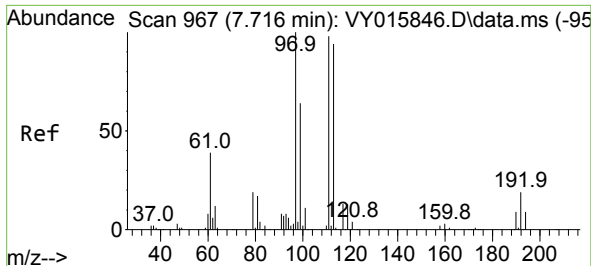
Tgt Ion: 65 Resp: 316488
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY015848.D
 Acq: 05 Oct 2023 14:24

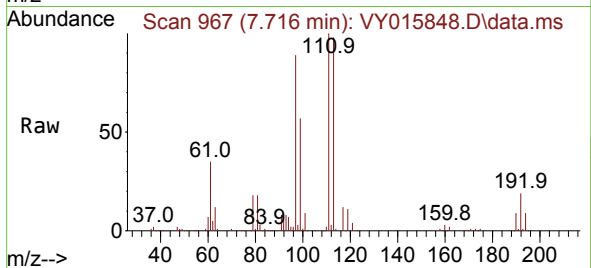
Tgt Ion:114 Resp: 351249
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.3 0.0 30.6



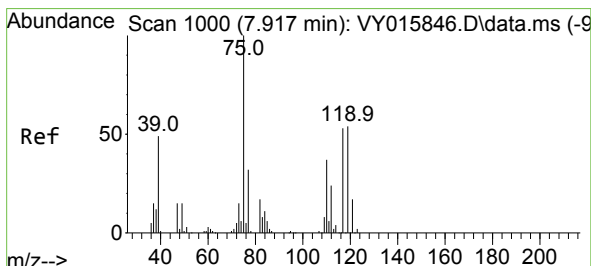
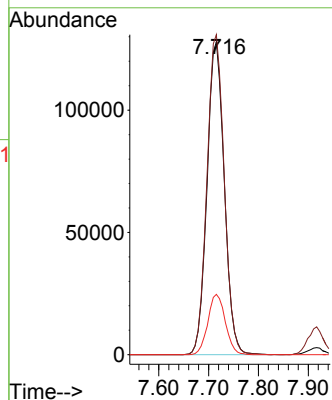
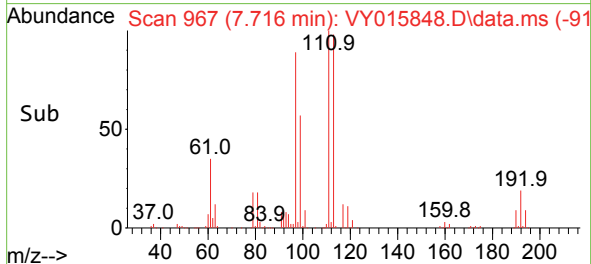


#35
Dibromofluoromethane
Concen: 153.554 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

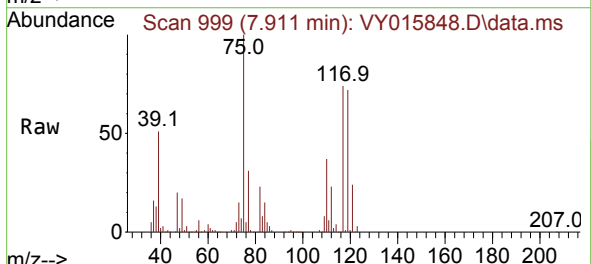
Instrument :
MSVOA_Y
ClientSampleId :



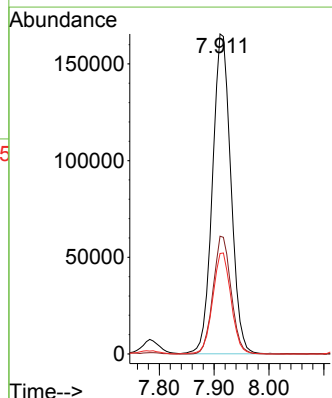
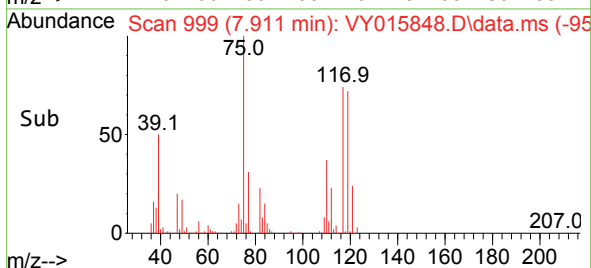
Tgt Ion:113 Resp: 307436
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.5 16.9 25.3

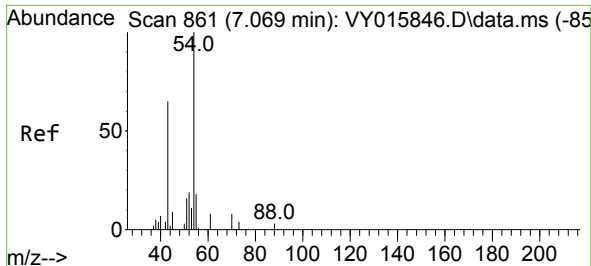


#36
1,1-Dichloropropene
Concen: 161.396 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24



Tgt Ion: 75 Resp: 385509
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 152.815 ug/l

RT: 7.075 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

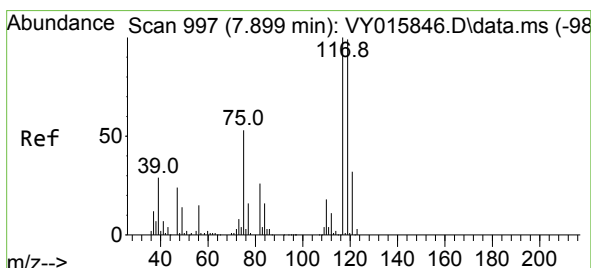
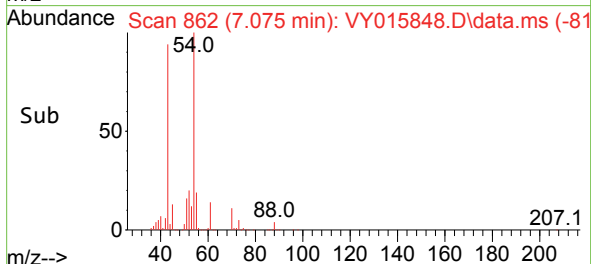
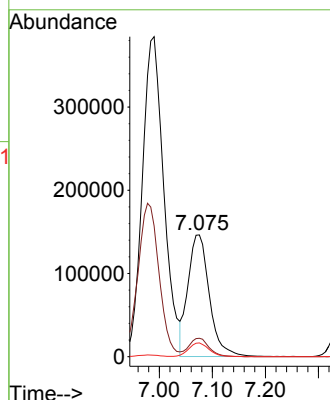
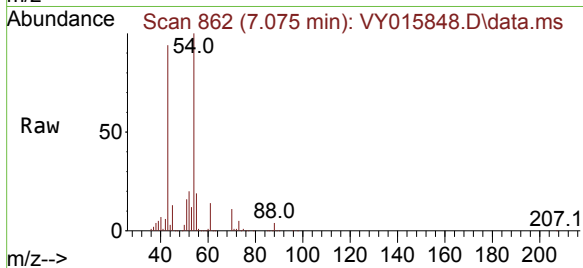
Tgt Ion: 43 Resp: 408474

Ion Ratio Lower Upper

43 100

61 14.4 10.1 15.1

70 10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 157.989 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

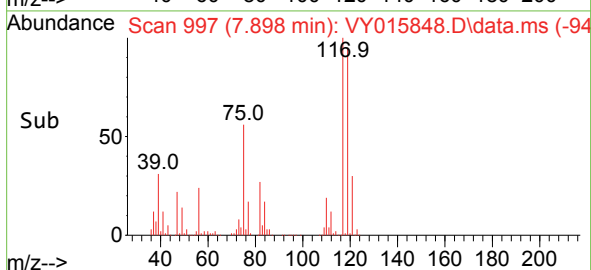
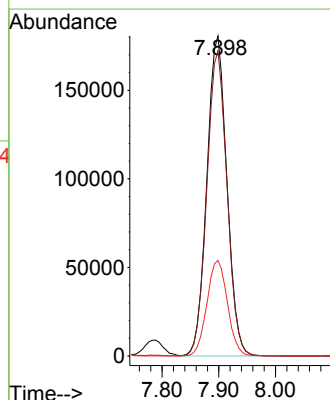
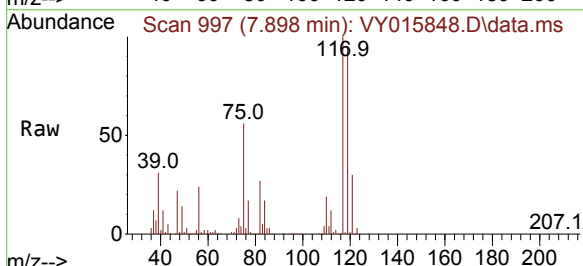
Tgt Ion: 117 Resp: 443722

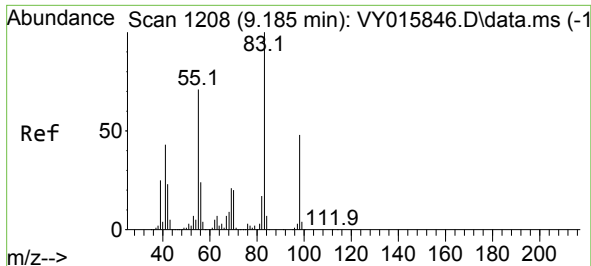
Ion Ratio Lower Upper

117 100

119 95.4 76.4 114.6

121 29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 169.562 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

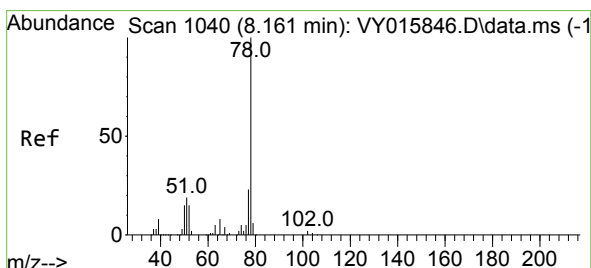
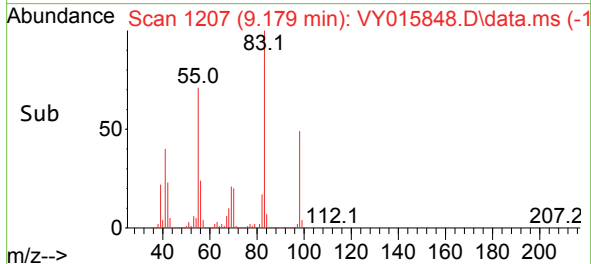
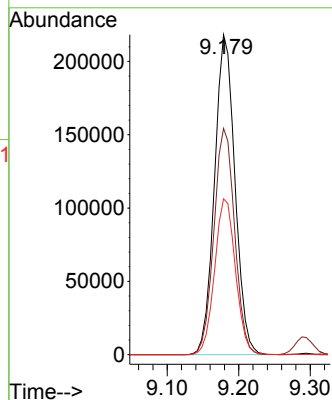
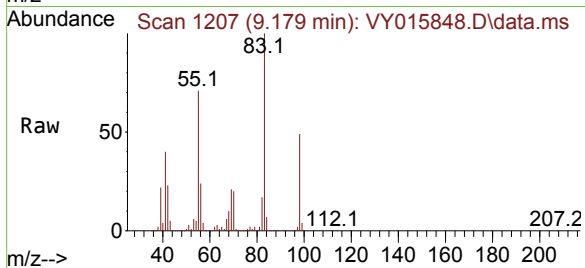
Tgt Ion: 83 Resp: 433154

Ion Ratio Lower Upper

83 100

55 70.7 63.0 94.4

98 48.7 37.4 56.2



#40

Benzene

Concen: 161.081 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY015848.D

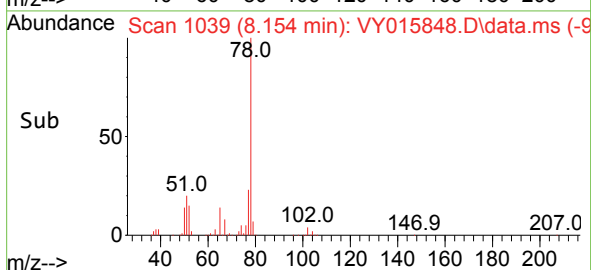
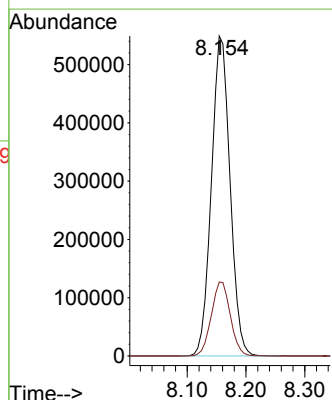
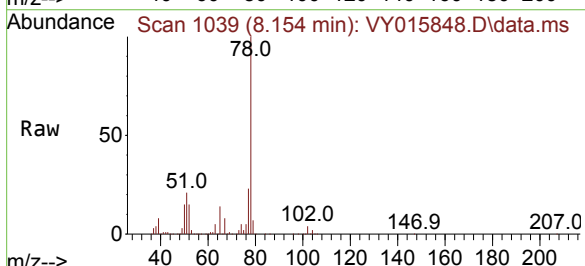
Acq: 05 Oct 2023 14:24

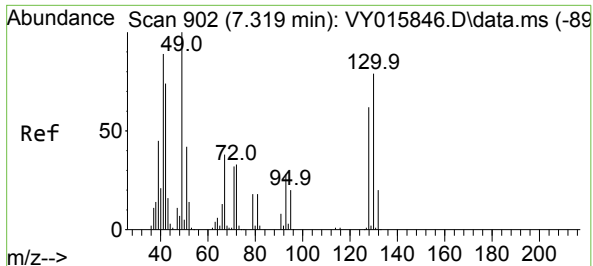
Tgt Ion: 78 Resp: 1207328

Ion Ratio Lower Upper

78 100

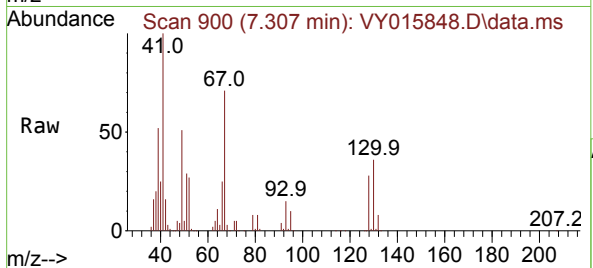
77 23.1 19.0 28.6



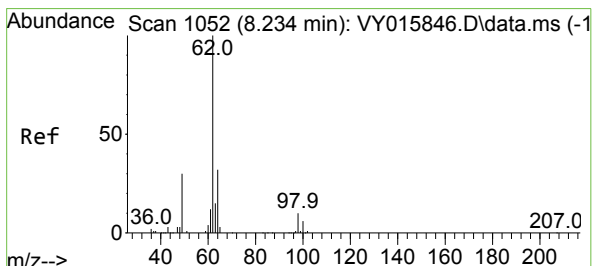
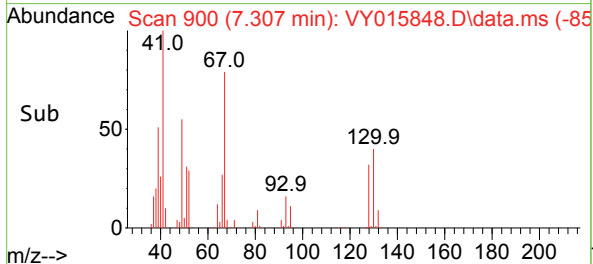
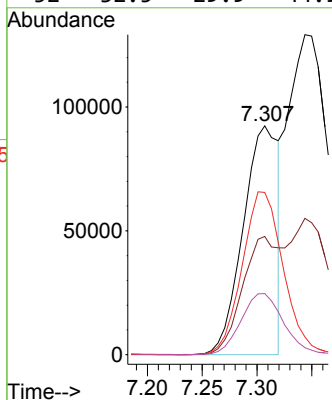


#41
Methacrylonitrile
Concen: 165.271 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

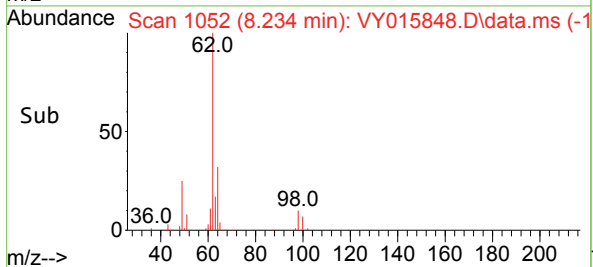
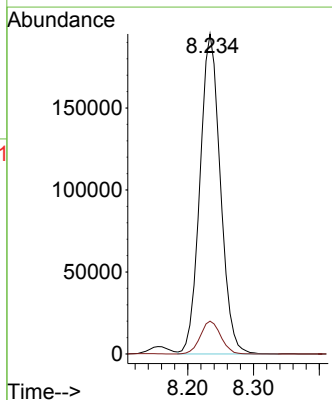
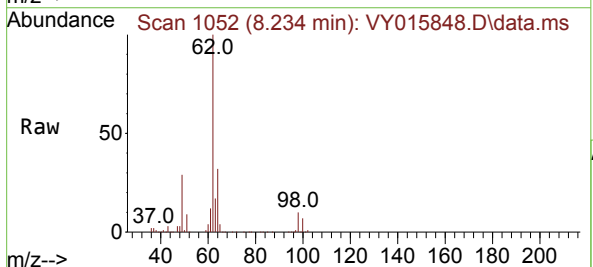


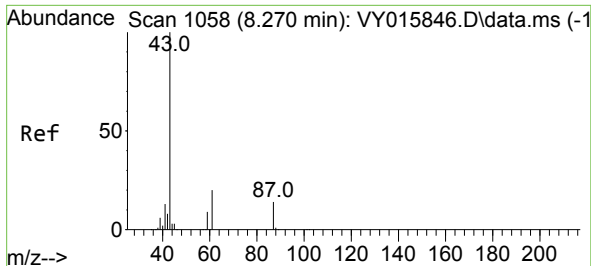
Tgt Ion: 41 Resp: 206466
Ion Ratio Lower Upper
41 100
39 59.5 52.1 78.1
67 83.5 66.2 99.2
52 32.5 29.9 44.9



#42
1,2-Dichloroethane
Concen: 156.012 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

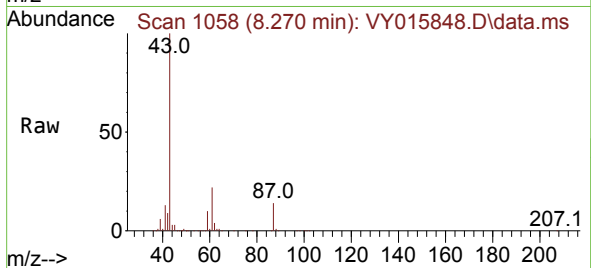
Tgt Ion: 62 Resp: 421023
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8



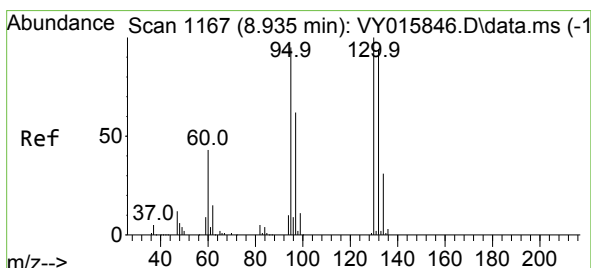
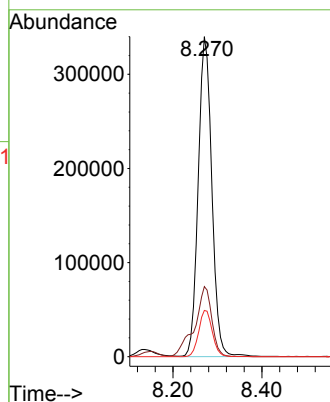
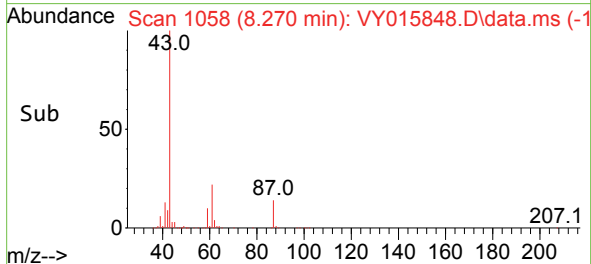


#43
Isopropyl Acetate
Concen: 157.034 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

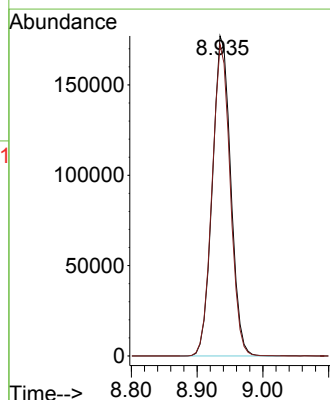
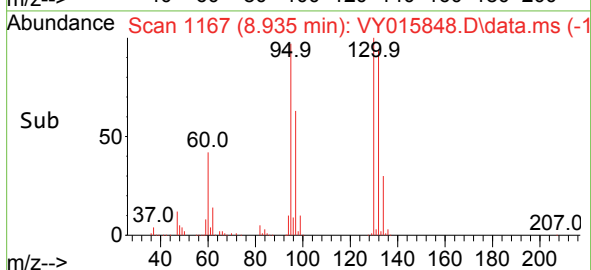
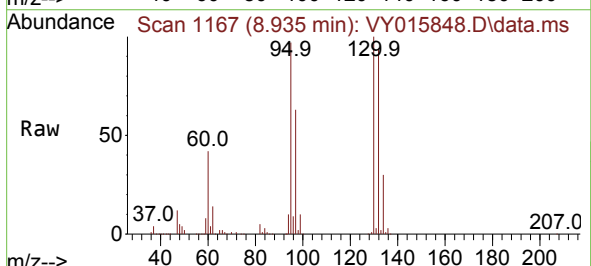


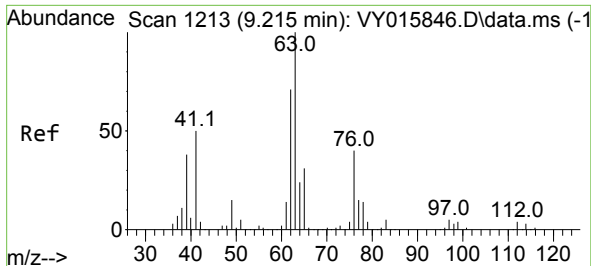
Tgt Ion: 43 Resp: 722478
Ion Ratio Lower Upper
43 100
61 27.8 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 156.630 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion:130 Resp: 343575
Ion Ratio Lower Upper
130 100
95 97.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 158.564 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

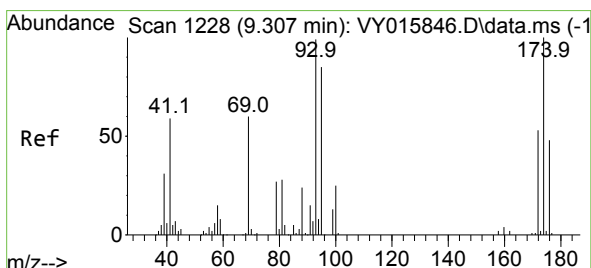
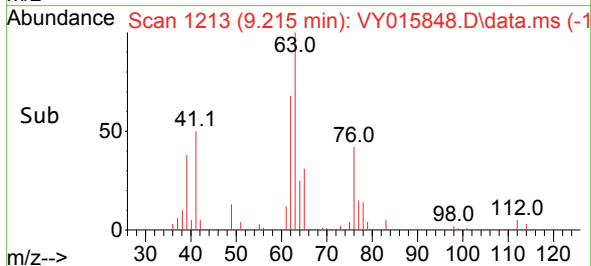
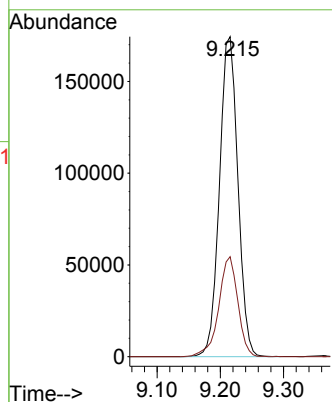
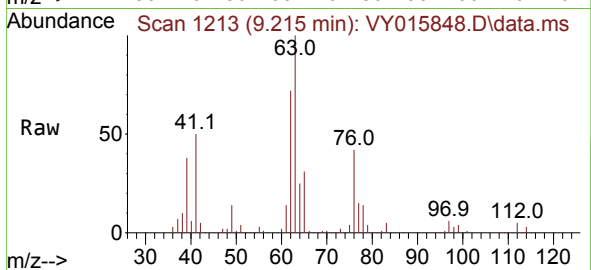
ClientSampleId :

Tgt Ion: 63 Resp: 351527

Ion Ratio Lower Upper

63 100

65 31.2 23.8 35.6



#46

Dibromomethane

Concen: 158.272 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

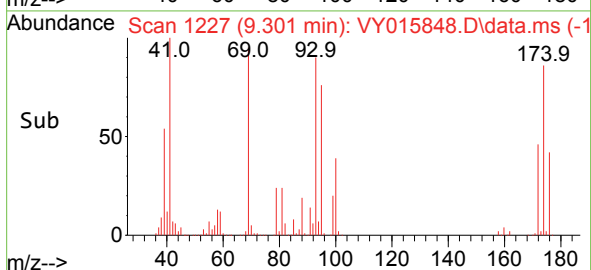
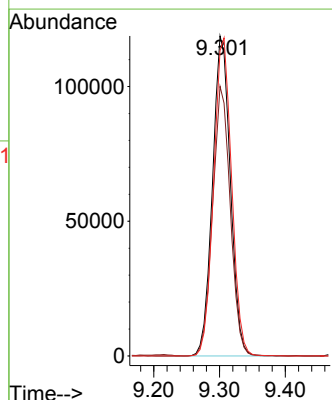
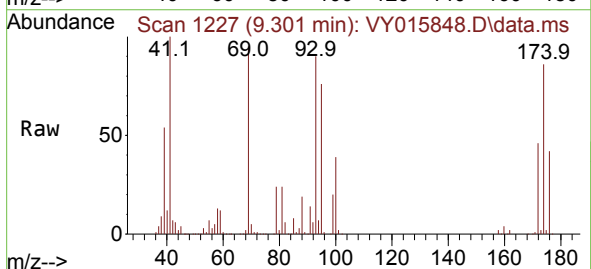
Tgt Ion: 93 Resp: 224324

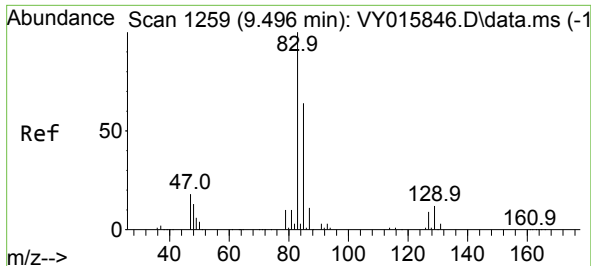
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

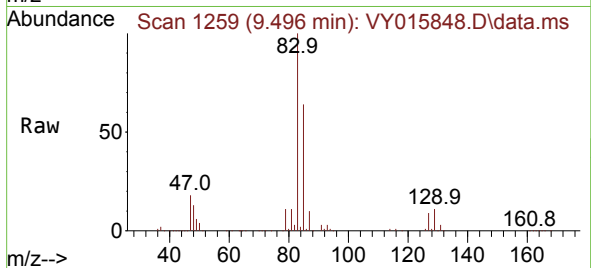
174 100.1 84.8 127.2



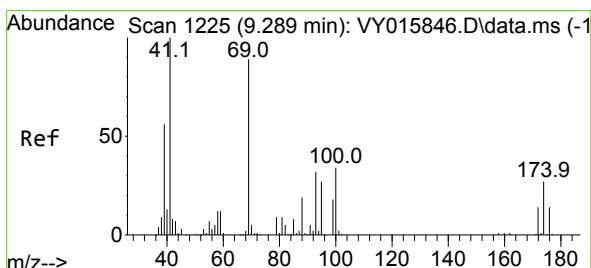
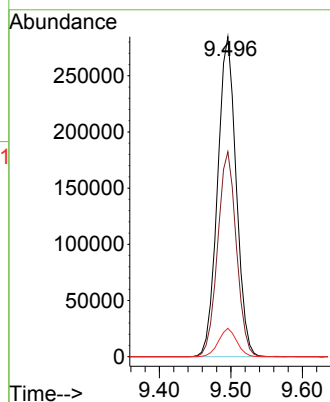
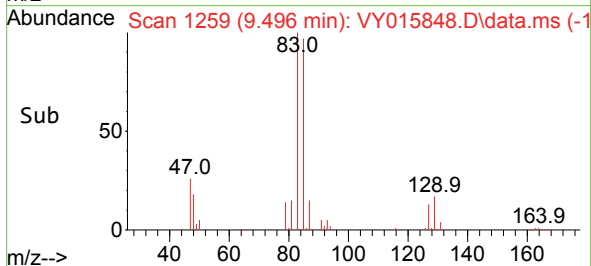


#47
Bromodichloromethane
Concen: 156.199 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

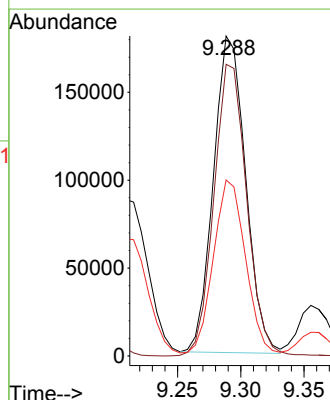
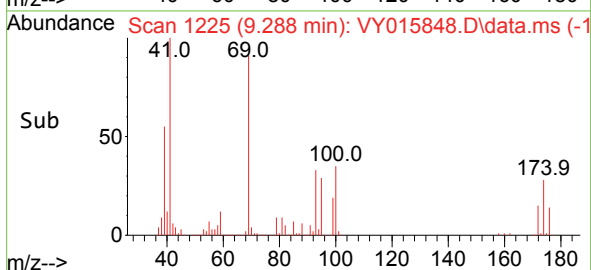
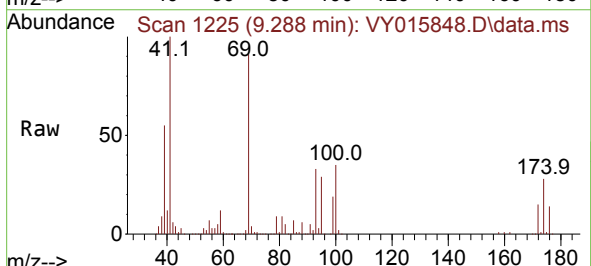


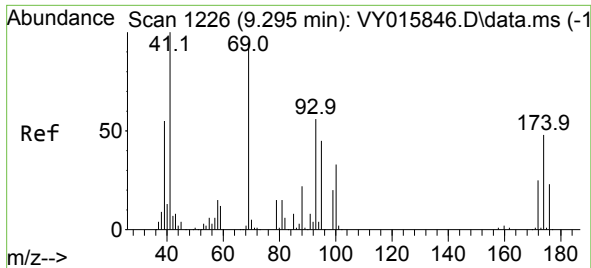
Tgt Ion: 83 Resp: 513880
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 158.595 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 41 Resp: 318681
Ion Ratio Lower Upper
41 100
69 94.1 64.5 96.7
39 56.3 50.8 76.2

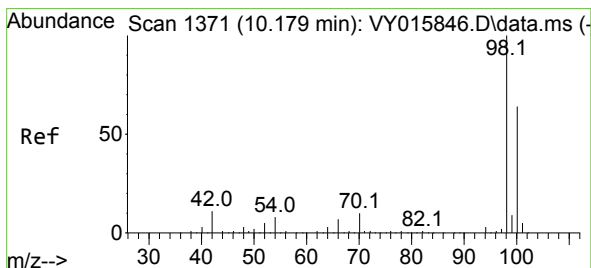
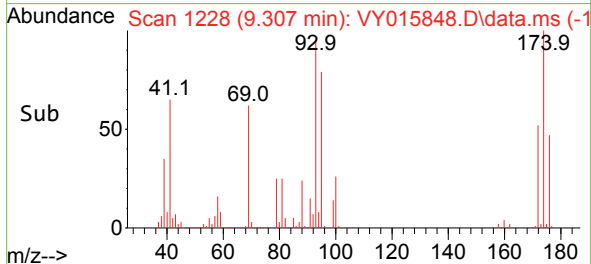
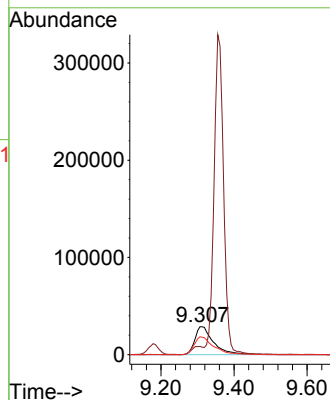
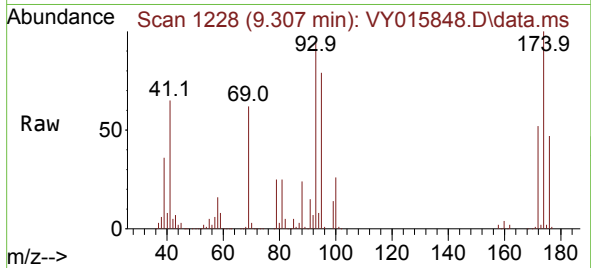




#49
1,4-Dioxane
Concen: 3242.928 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

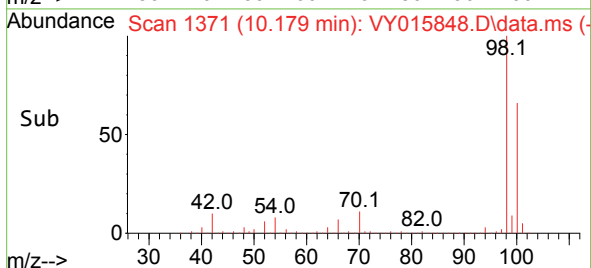
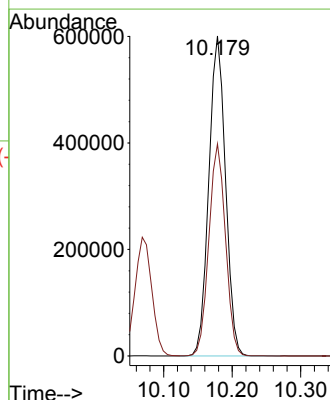
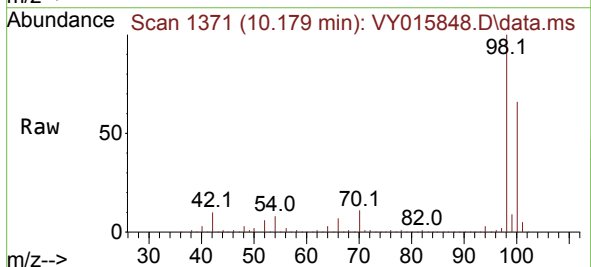
Instrument :
MSVOA_Y
ClientSampleId :

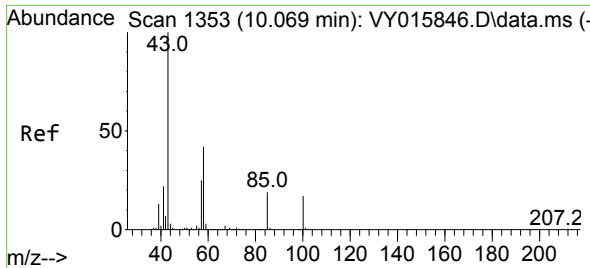
Tgt Ion: 88 Resp: 102959
Ion Ratio Lower Upper
88 100
43 19.3 0.0 0.0#
58 67.2 30.9 46.3#



#50
Toluene-d8
Concen: 156.461 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 98 Resp: 1017054
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

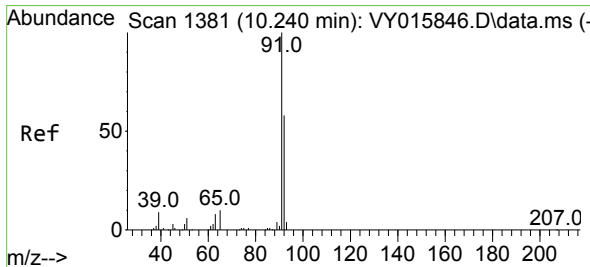
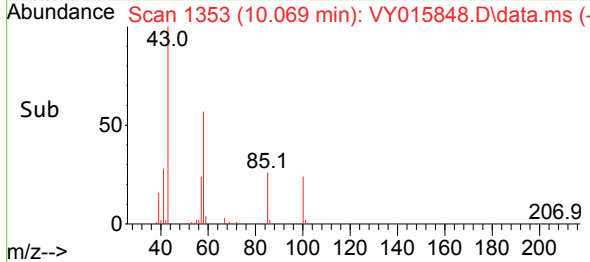
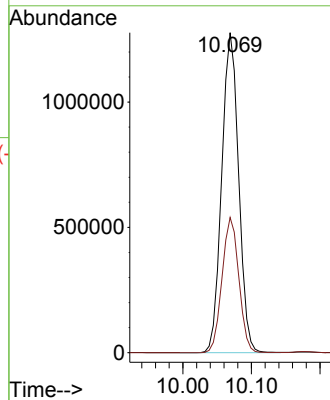
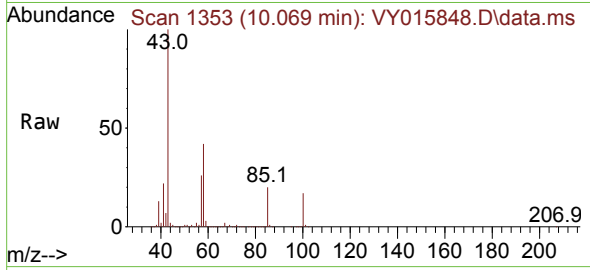




#51
4-Methyl-2-Pentanone
Concen: 757.265 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

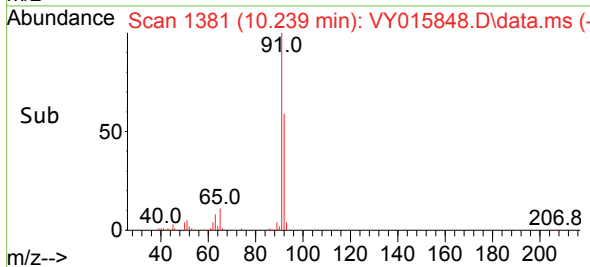
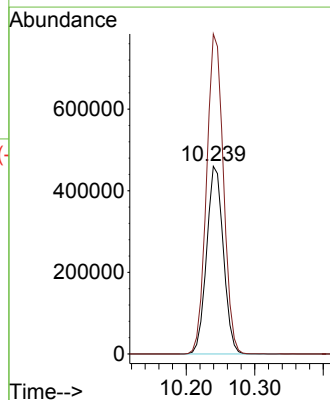
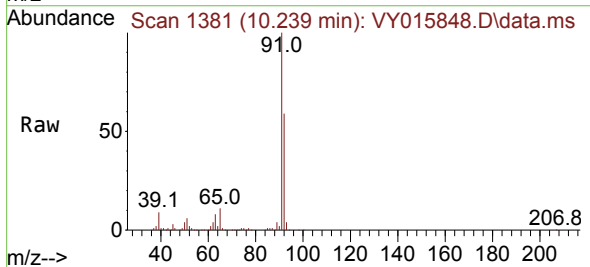
Instrument :
MSVOA_Y
ClientSampleId :

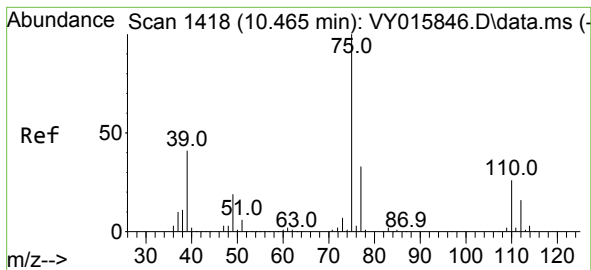
Tgt Ion: 43 Resp: 2179516
Ion Ratio Lower Upper
43 100
58 41.9 29.0 43.6



#52
Toluene
Concen: 159.374 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 92 Resp: 781562
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6

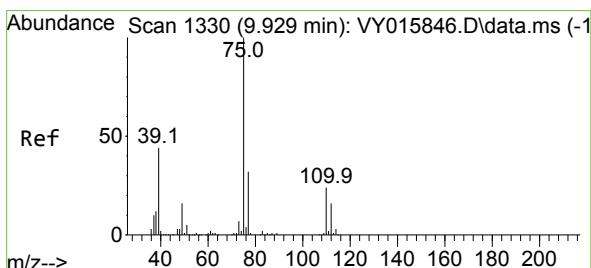
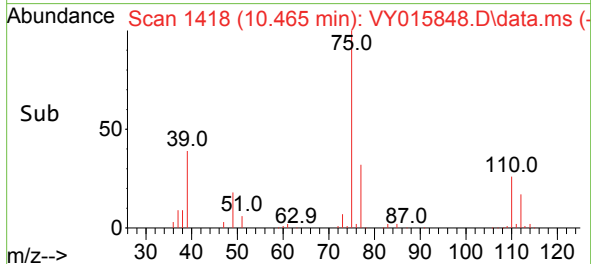
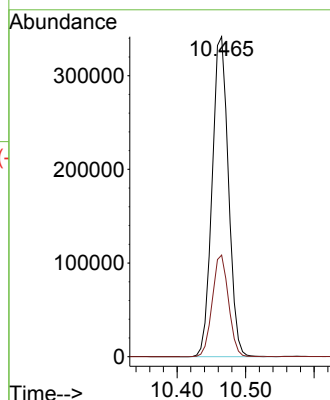
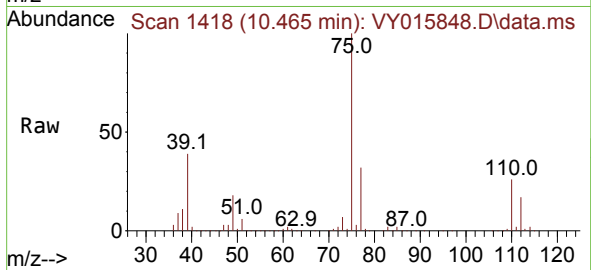




#53
t-1,3-Dichloropropene
Concen: 163.118 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

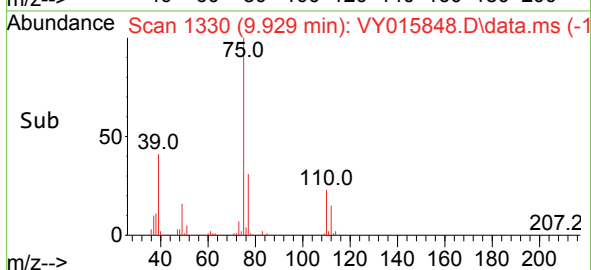
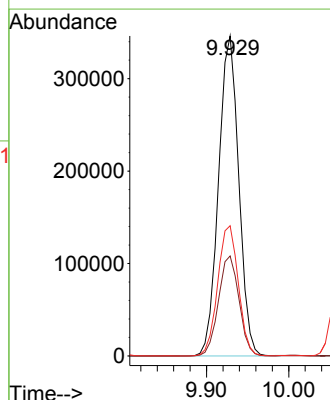
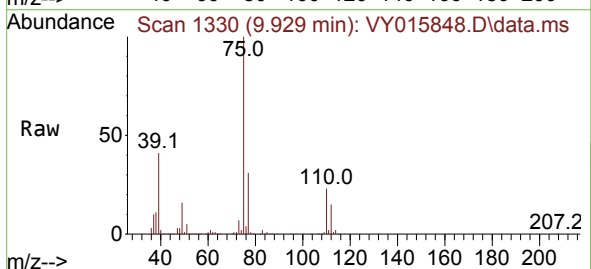
Instrument :
MSVOA_Y
ClientSampleId :

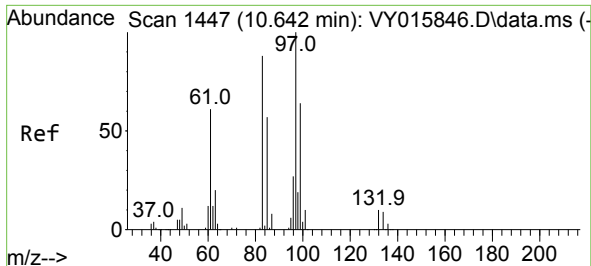
Tgt Ion: 75 Resp: 563084
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 161.432 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

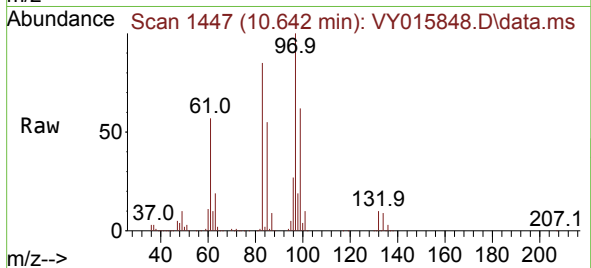
Tgt Ion: 75 Resp: 591589
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4
39 40.7 42.2 63.4#



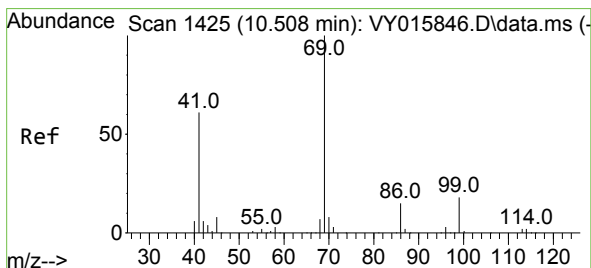
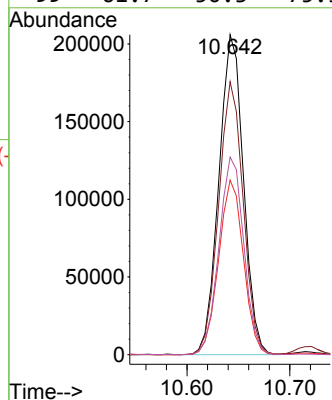
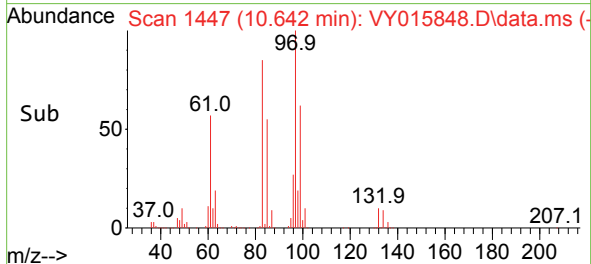


#55
1,1,2-Trichloroethane
Concen: 153.342 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

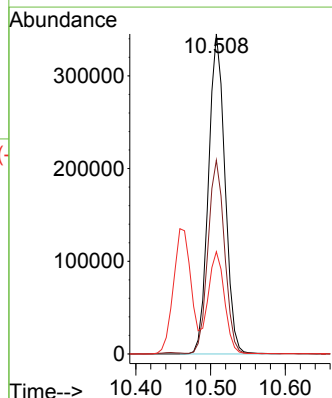
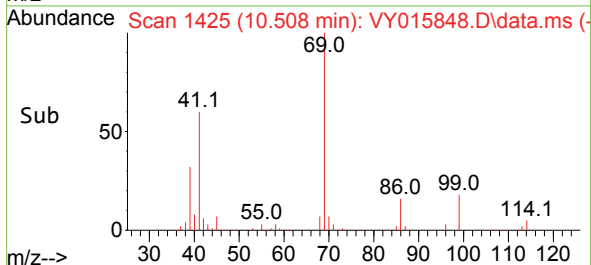
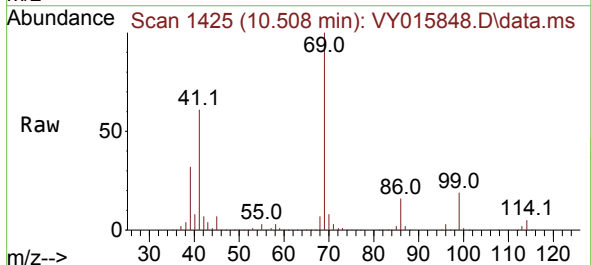


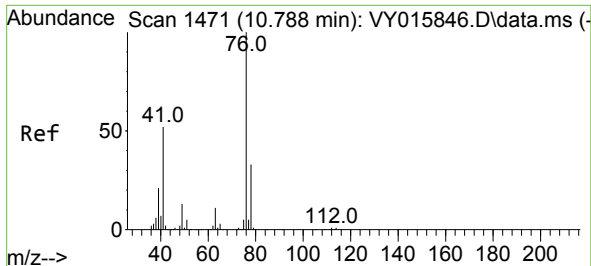
Tgt Ion:	97	Resp:	341438
Ion	Ratio	Lower	Upper
97	100		
83	85.3	72.0	108.0
85	54.6	45.4	68.0
99	61.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 163.651 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion:	69	Resp:	528340
Ion	Ratio	Lower	Upper
69	100		
41	60.6	57.6	86.4
39	32.0	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 156.371 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

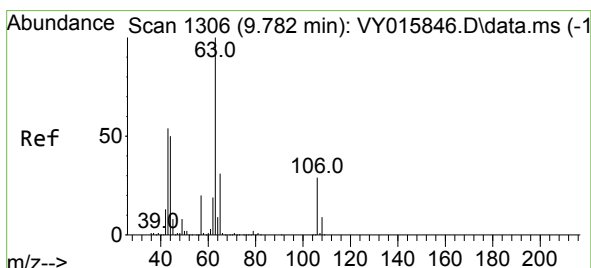
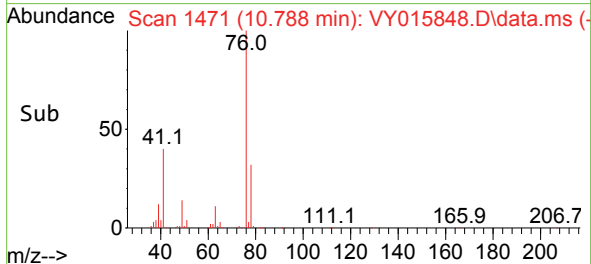
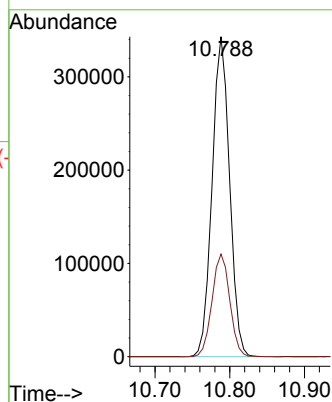
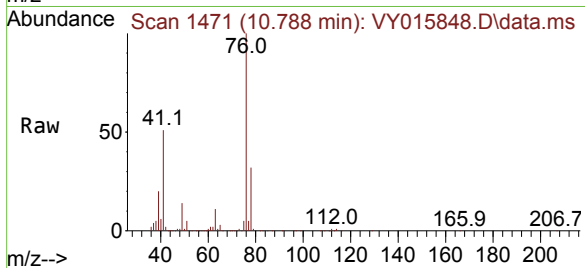
ClientSampleId :

Tgt Ion: 76 Resp: 556646

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 834.201 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY015848.D

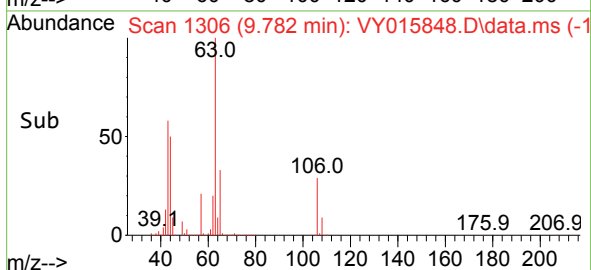
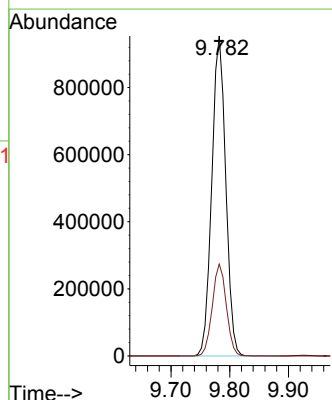
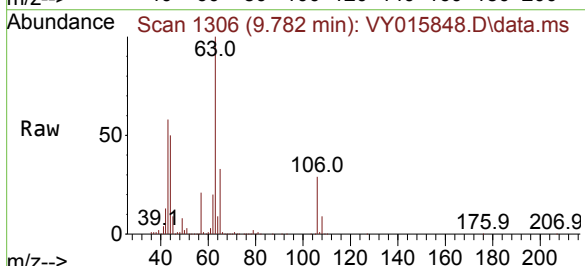
Acq: 05 Oct 2023 14:24

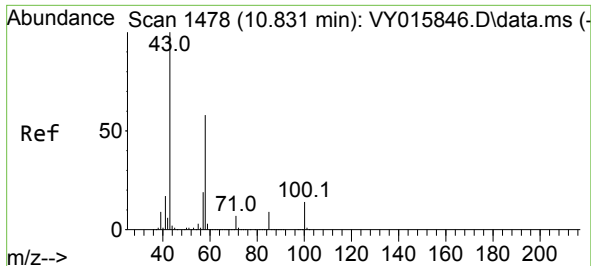
Tgt Ion: 63 Resp: 1569268

Ion Ratio Lower Upper

63 100

106 28.9 21.2 31.8

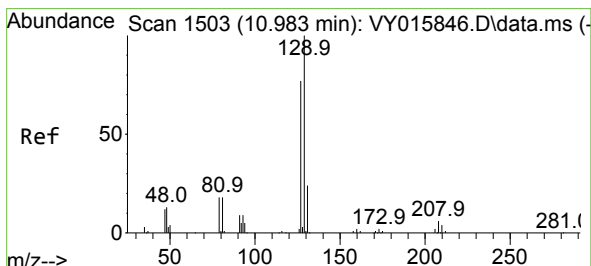
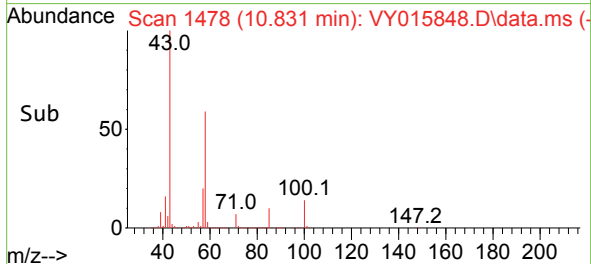
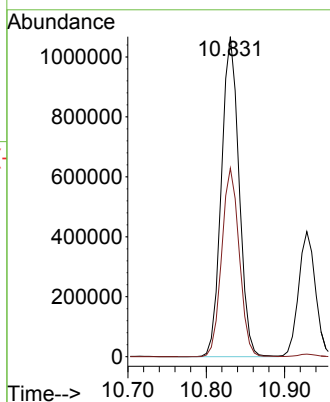
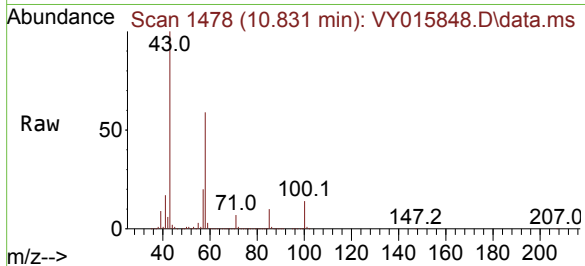




#59
2-Hexanone
Concen: 748.904 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

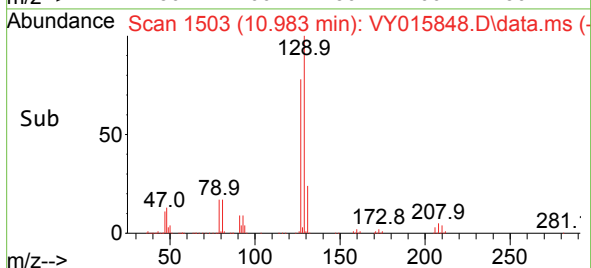
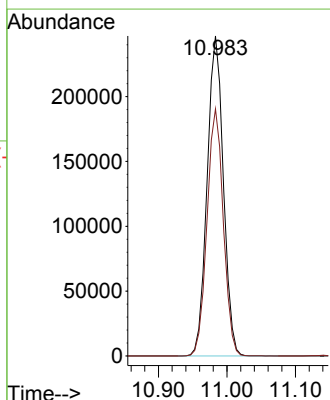
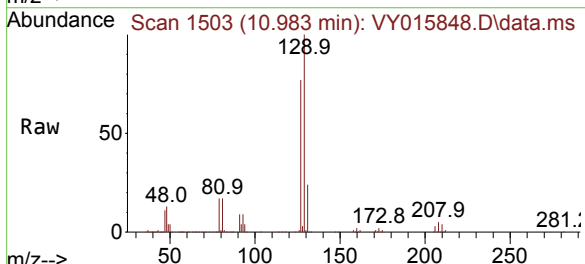
Instrument :
MSVOA_Y
ClientSampleId :

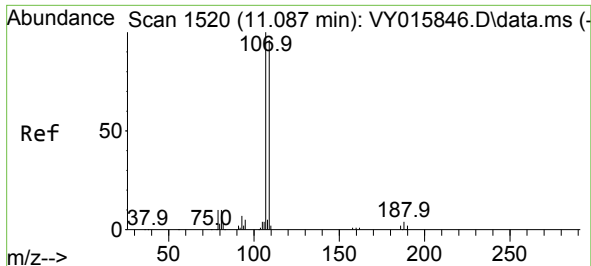
Tgt Ion: 43 Resp: 1672577
Ion Ratio Lower Upper
43 100
58 58.6 25.1 75.3



#60
Dibromochloromethane
Concen: 158.037 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 129 Resp: 406444
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

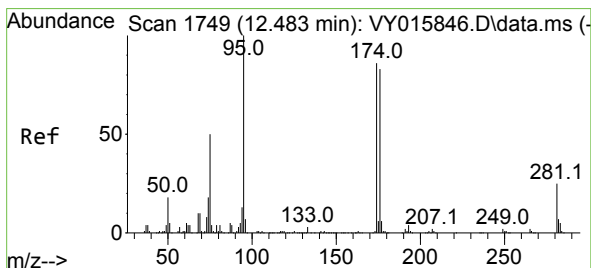
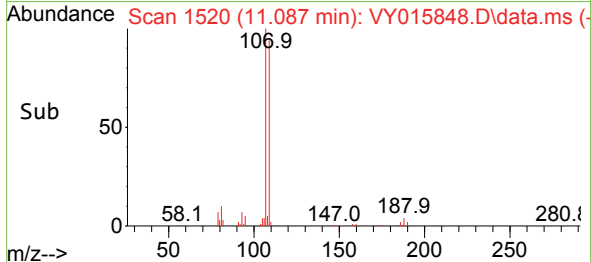
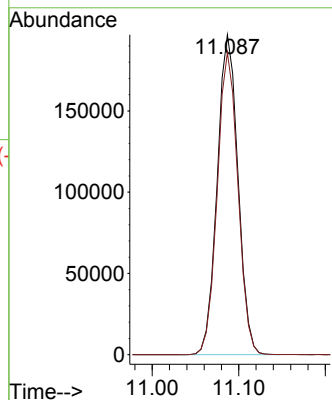
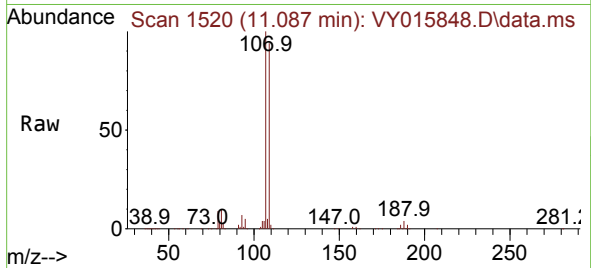




#61
1,2-Dibromoethane
Concen: 157.533 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

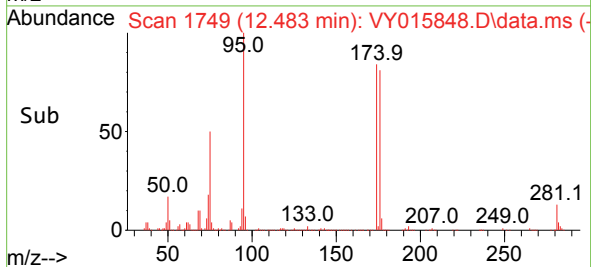
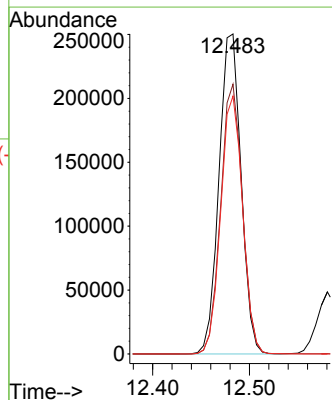
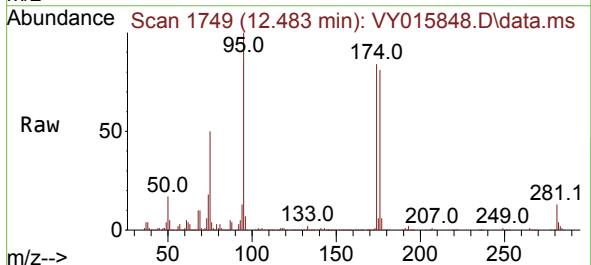
Instrument :
MSVOA_Y
ClientSampleId :

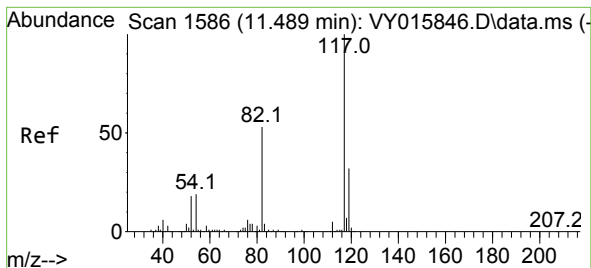
Tgt Ion:107 Resp: 327806
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 149.391 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 95 Resp: 396937
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.2
176 79.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

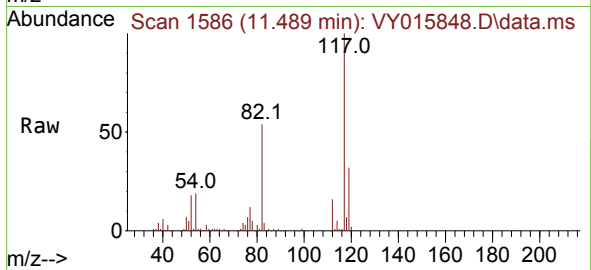
Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :



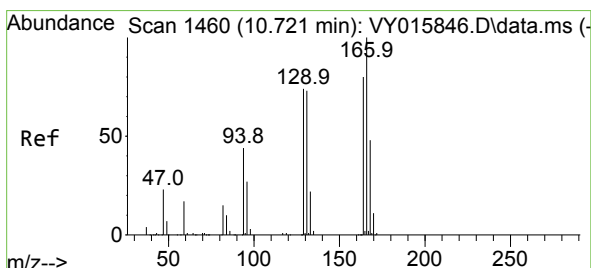
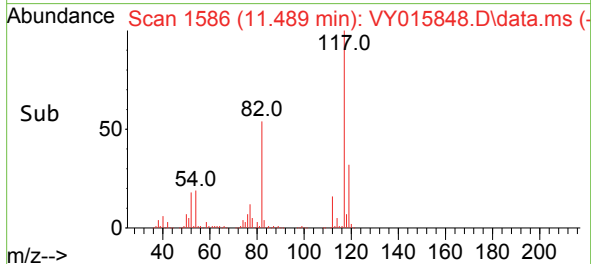
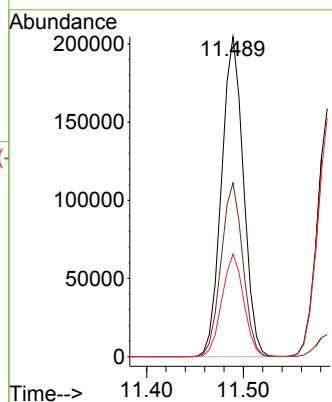
Tgt Ion:117 Resp: 320914

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 152.920 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Tgt Ion:164 Resp: 344940

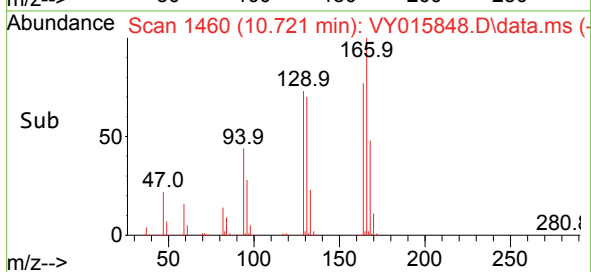
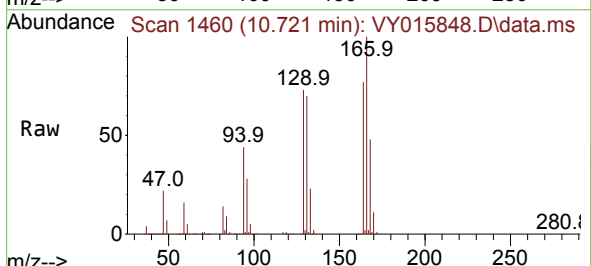
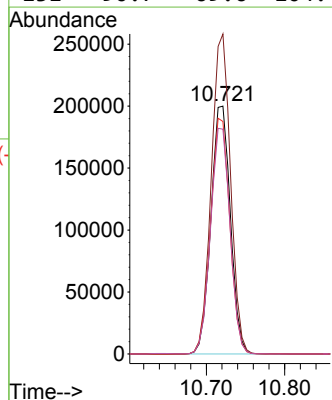
Ion Ratio Lower Upper

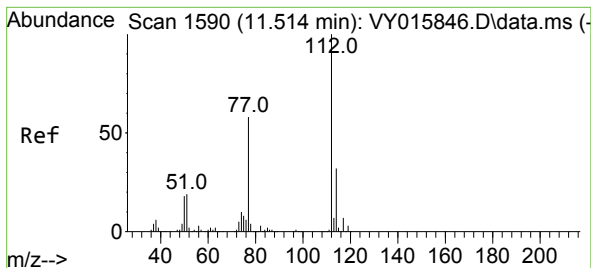
164 100

166 129.1 103.0 154.6

129 93.8 77.2 115.8

131 90.7 69.6 104.4





#65

Chlorobenzene

Concen: 153.762 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

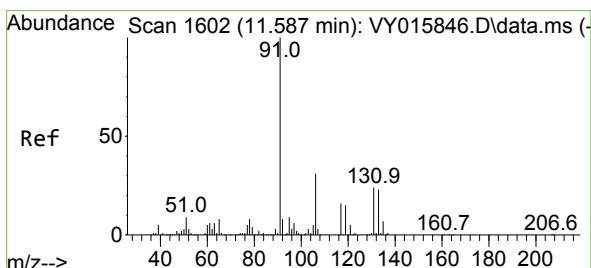
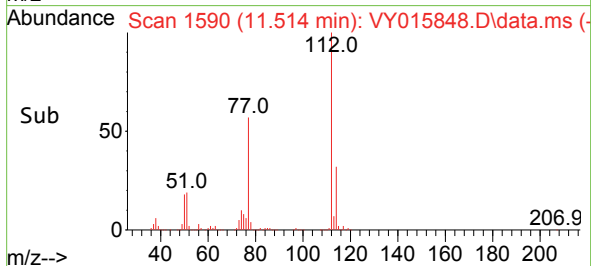
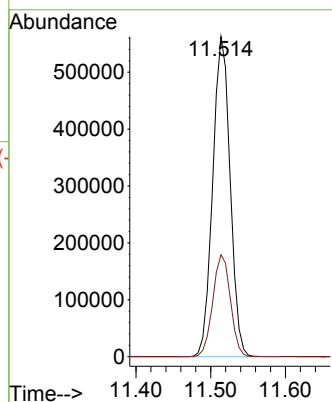
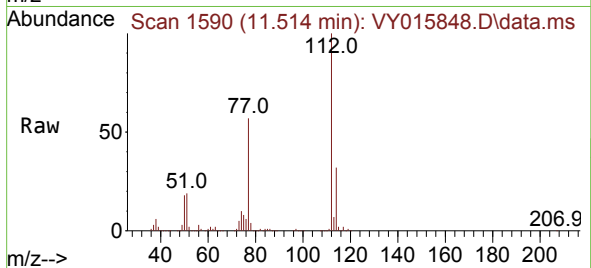
ClientSampleId :

Tgt Ion:112 Resp: 912551

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 154.949 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

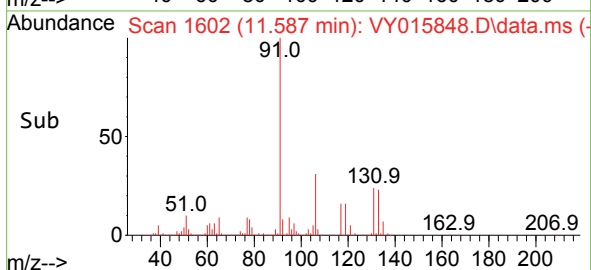
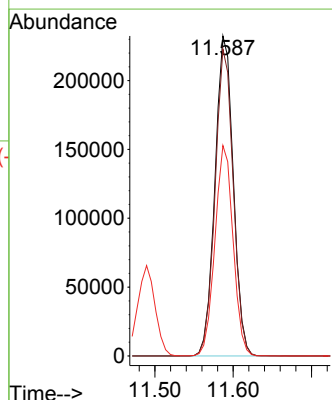
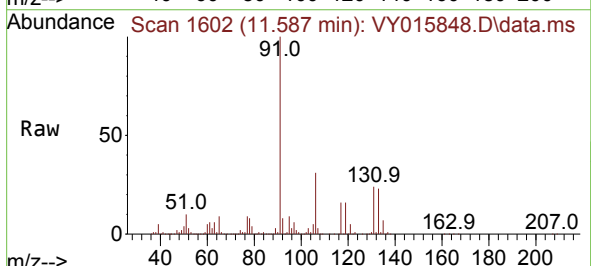
Tgt Ion:131 Resp: 378100

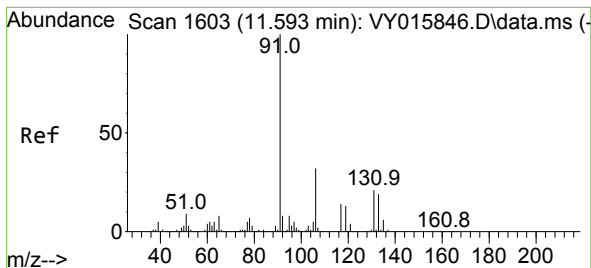
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.6

119 65.1 31.6 94.7

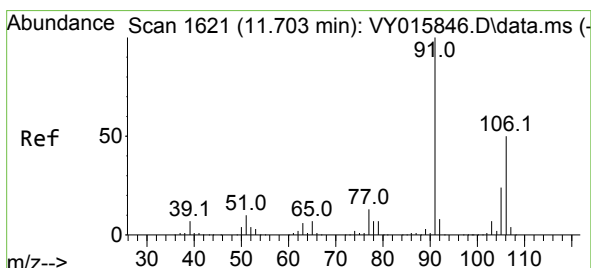
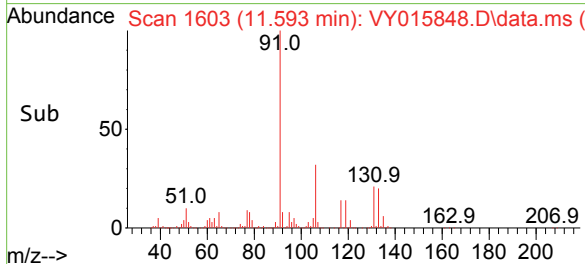
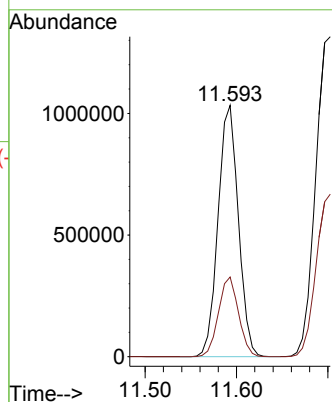
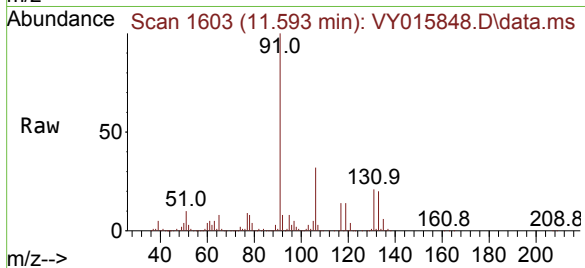




#67
Ethyl Benzene
Concen: 156.897 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

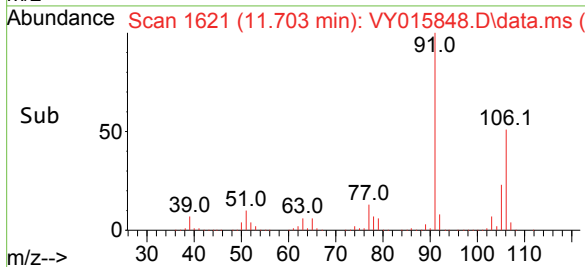
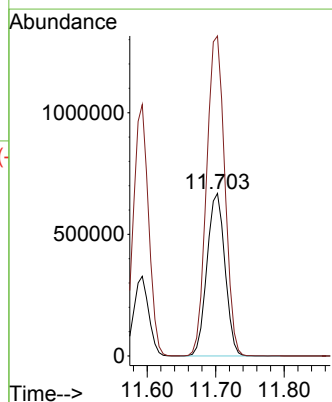
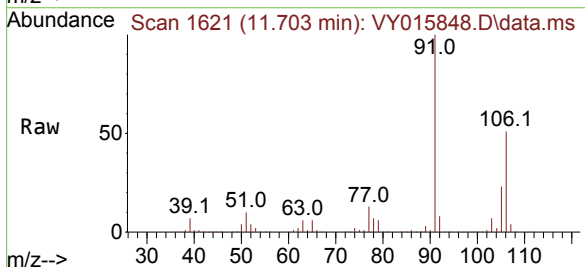
Instrument :
MSVOA_Y
ClientSampleId :

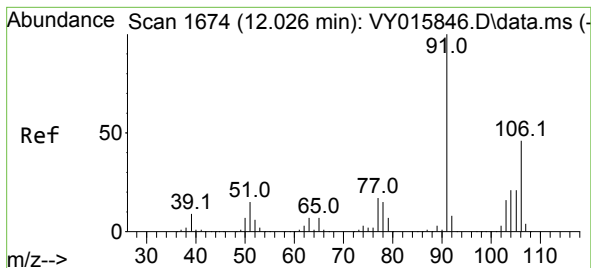
Tgt Ion: 91 Resp: 1593755
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 315.594 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion:106 Resp: 1218627
Ion Ratio Lower Upper
106 100
91 199.3 166.1 249.1

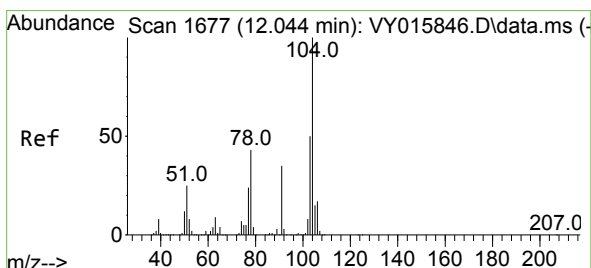
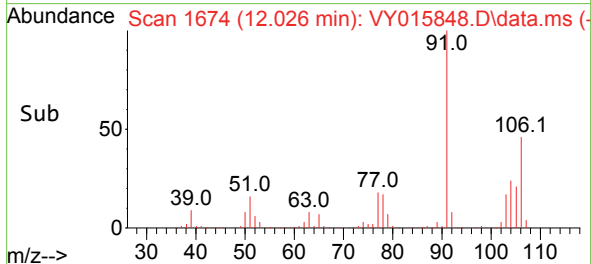
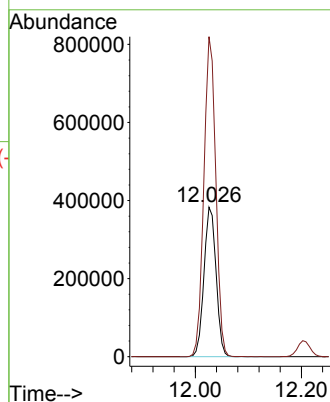
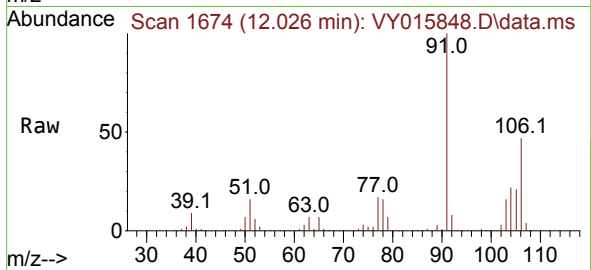




#69
o-Xylene
Concen: 157.812 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

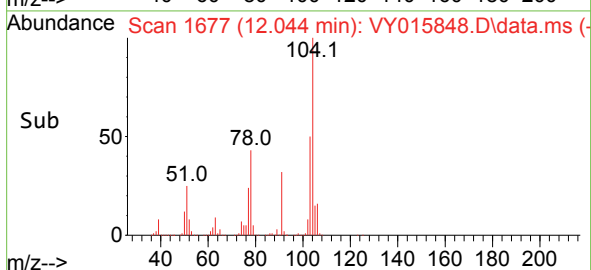
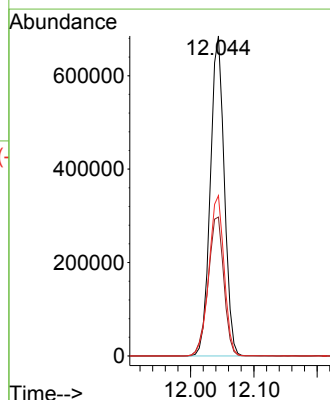
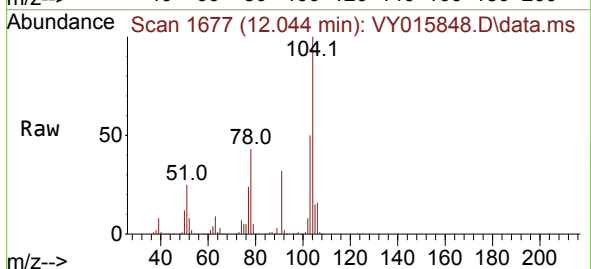
Instrument :
MSVOA_Y
ClientSampleId :

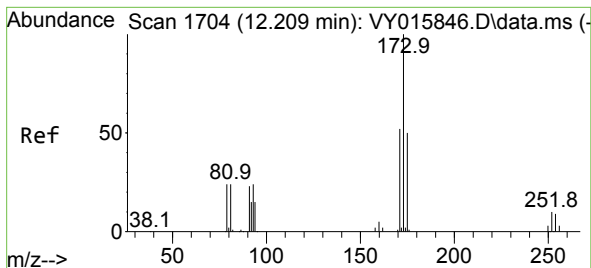
Tgt Ion:106 Resp: 606117
Ion Ratio Lower Upper
106 100
91 211.2 108.1 324.3



#70
Styrene
Concen: 157.354 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion:104 Resp: 1055063
Ion Ratio Lower Upper
104 100
78 48.8 41.5 62.3
103 54.4 44.6 67.0





#71

Bromoform

Concen: 158.194 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

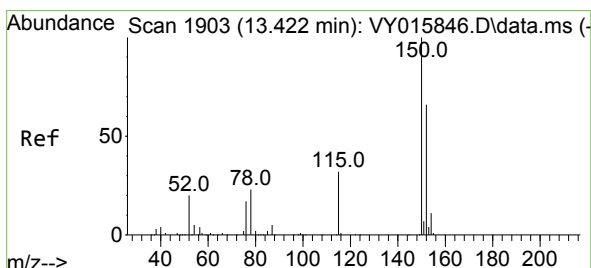
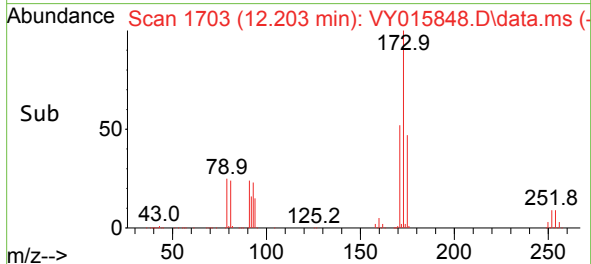
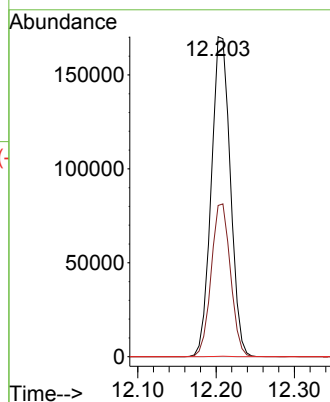
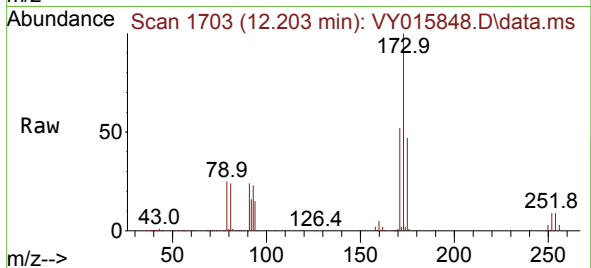
Tgt Ion:173 Resp: 287839

Ion Ratio Lower Upper

173 100

175 48.3 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: VY015848.D

Acq: 05 Oct 2023 14:24

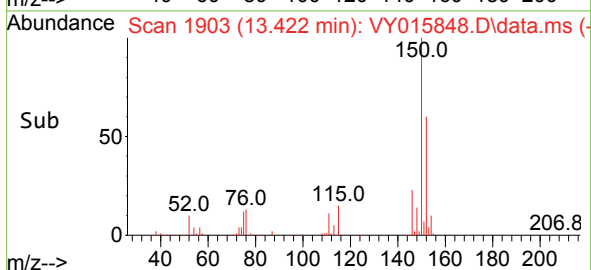
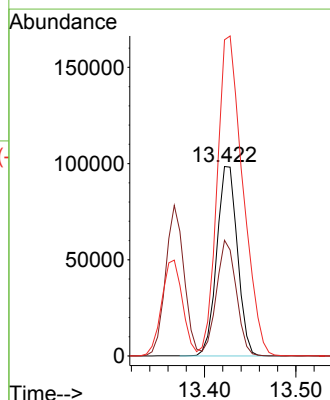
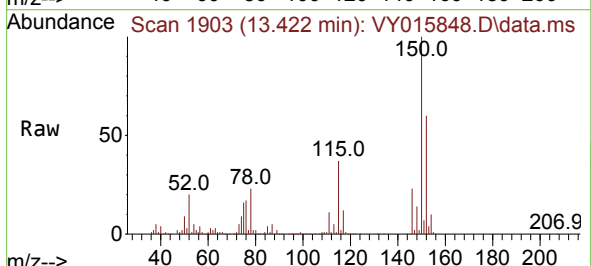
Tgt Ion:152 Resp: 154807

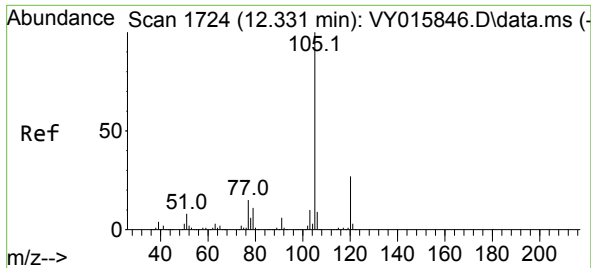
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

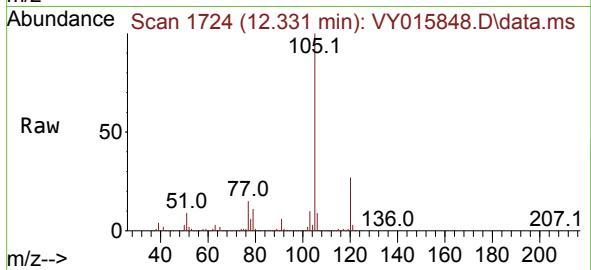
150 209.8 0.0 348.8



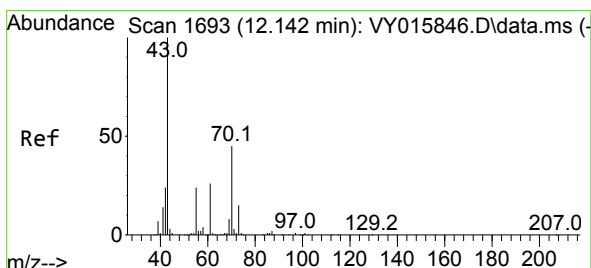
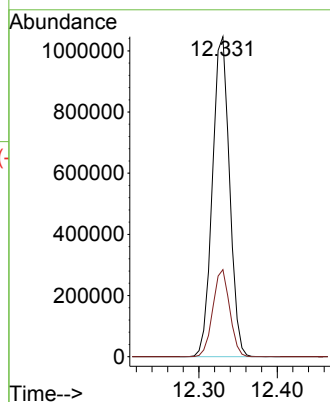
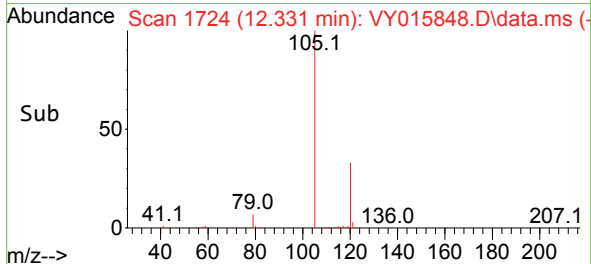


#73
Isopropylbenzene
Concen: 158.256 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

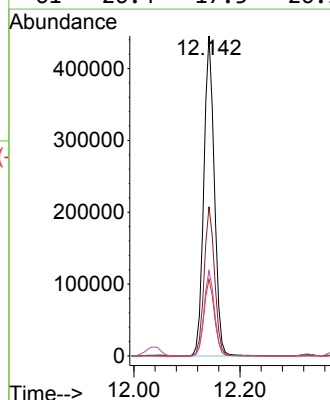
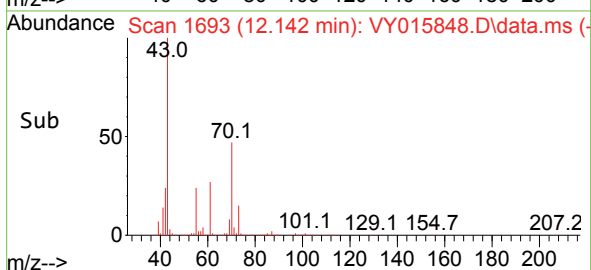
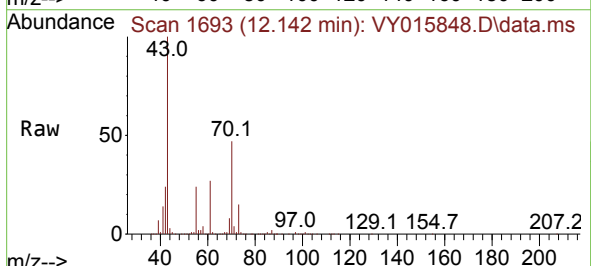


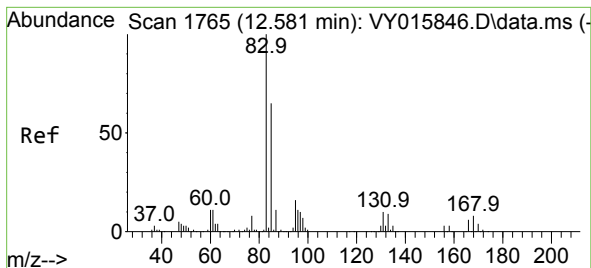
Tgt Ion:105 Resp: 1587025
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 158.648 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 43 Resp: 614783
Ion Ratio Lower Upper
43 100
70 46.4 29.7 44.5#
55 24.1 18.3 27.5
61 26.4 17.5 26.3#

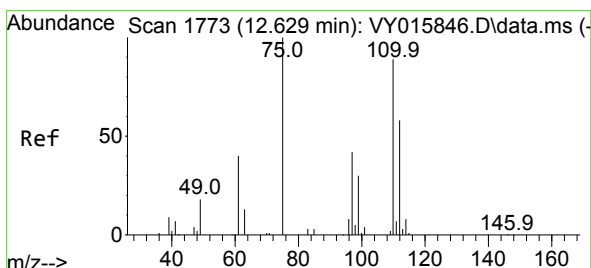
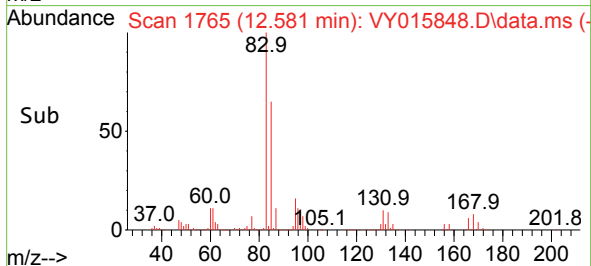
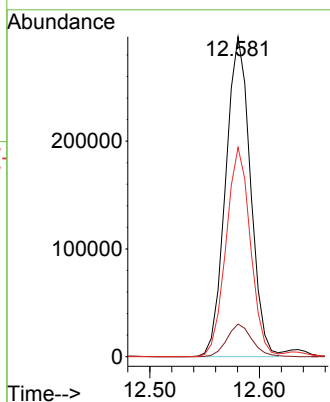
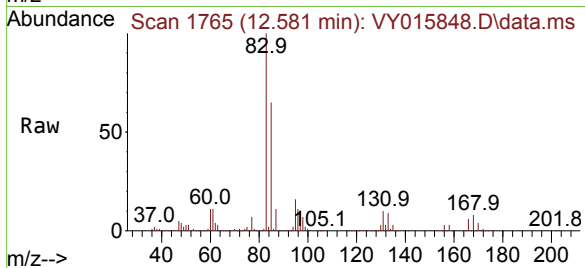




#75
1,1,2,2-Tetrachloroethane
Concen: 157.156 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

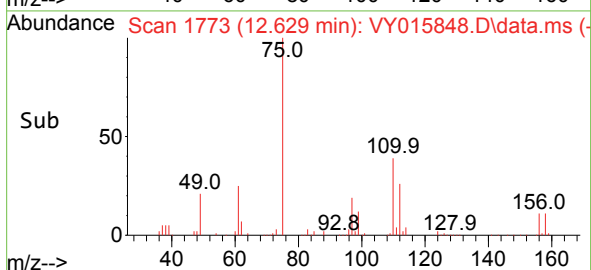
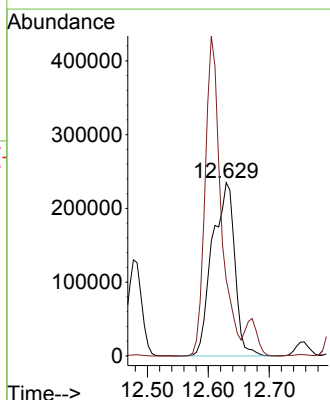
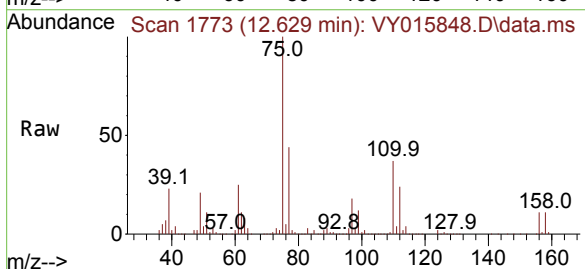
Instrument :
MSVOA_Y
ClientSampleId :

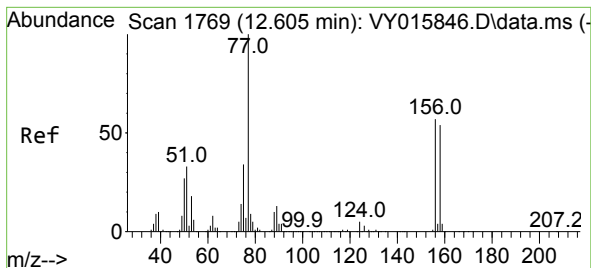
Tgt Ion: 83 Resp: 465538
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 64.5 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 263.118 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 75 Resp: 602983
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 159.921 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

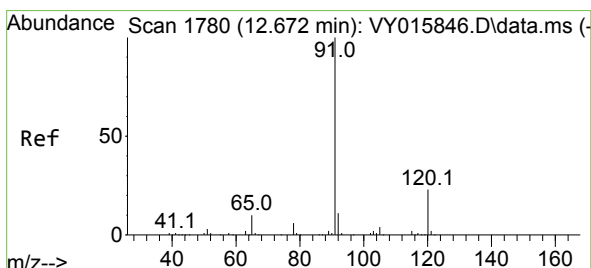
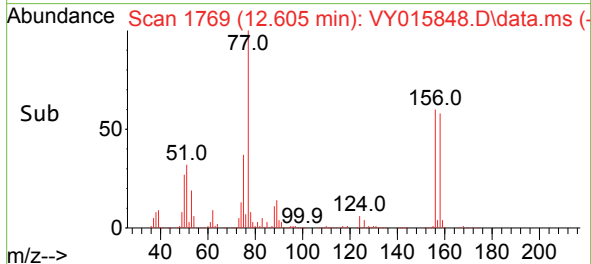
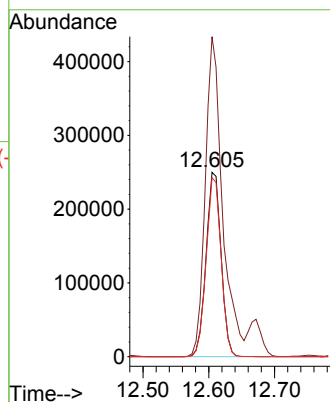
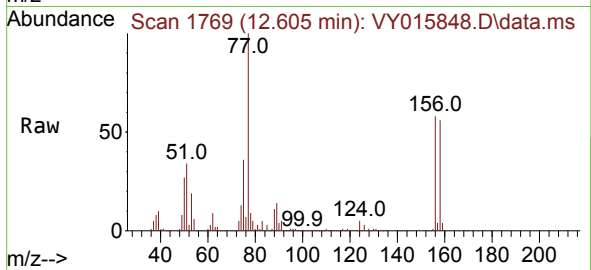
Tgt Ion:156 Resp: 396736

Ion Ratio Lower Upper

156 100

77 198.4 92.8 278.6

158 96.7 48.4 145.3



#78

n-propylbenzene

Concen: 157.689 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY015848.D

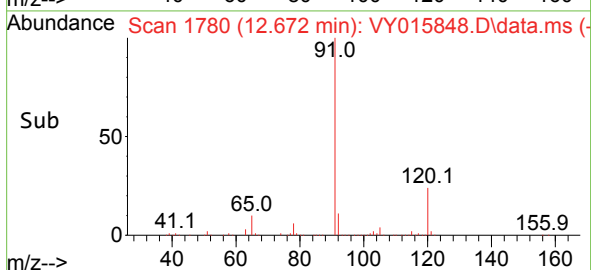
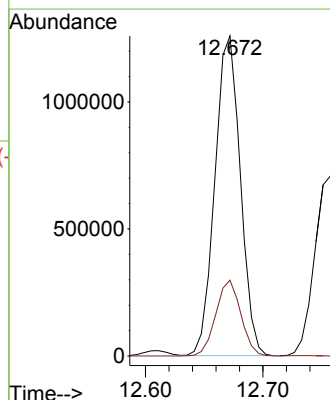
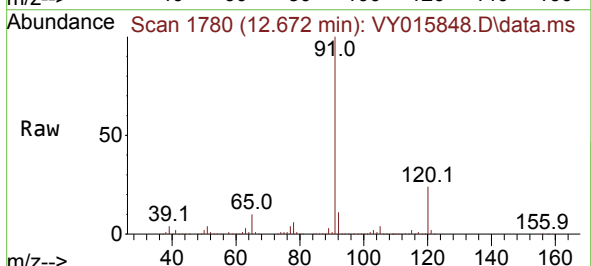
Acq: 05 Oct 2023 14:24

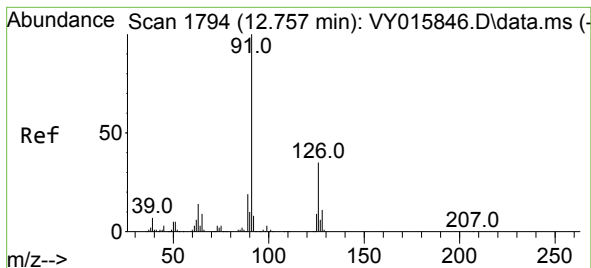
Tgt Ion: 91 Resp: 1894120

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

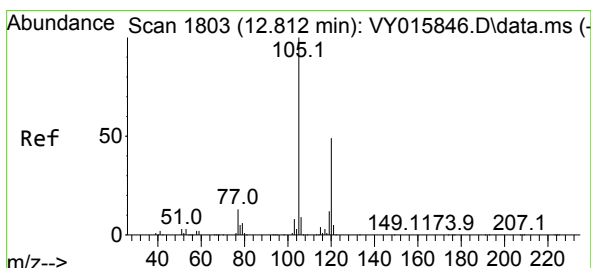
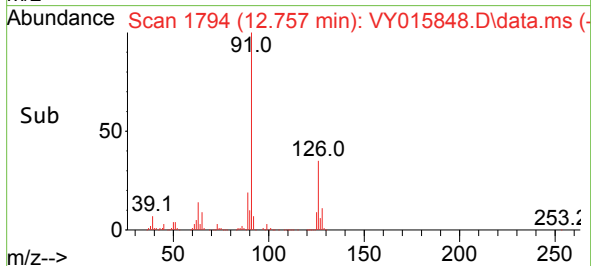
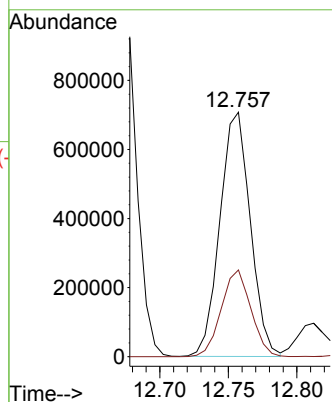
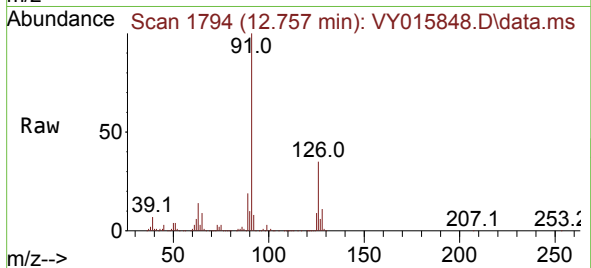




#79
2-Chlorotoluene
Concen: 158.029 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

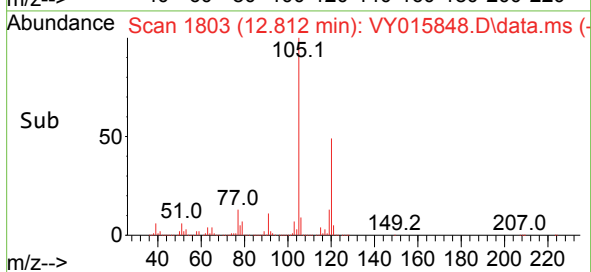
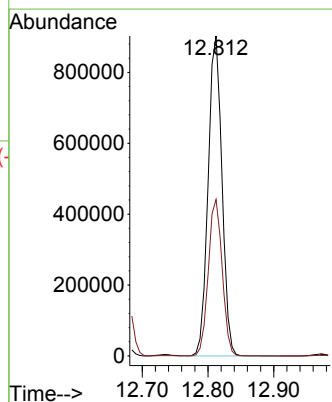
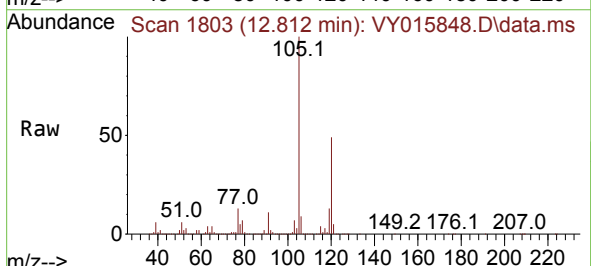
Instrument :
MSVOA_Y
ClientSampleId :

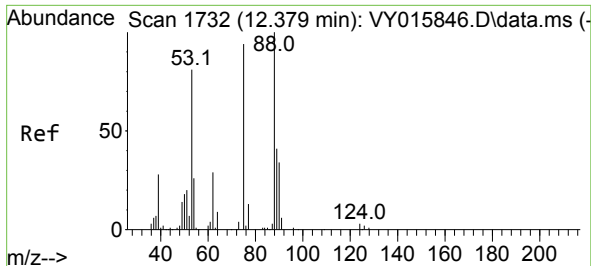
Tgt Ion: 91 Resp: 1093116
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 157.887 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion:105 Resp: 1319534
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

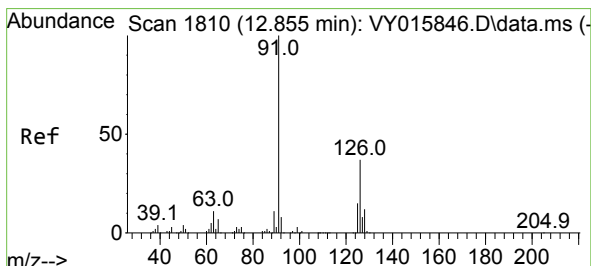
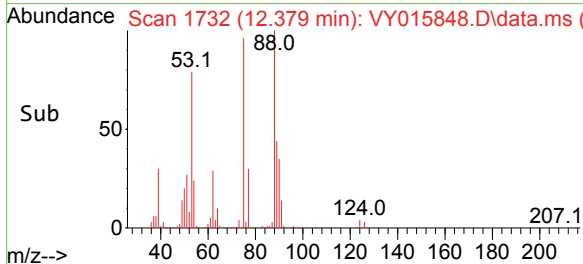
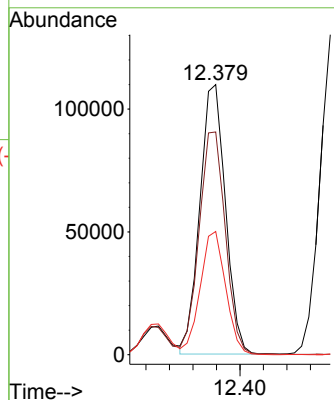
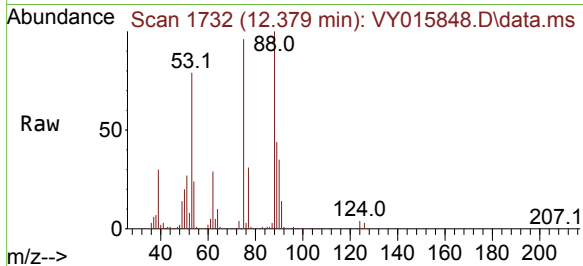




#81
trans-1,4-Dichloro-2-butene
Concen: 167.804 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

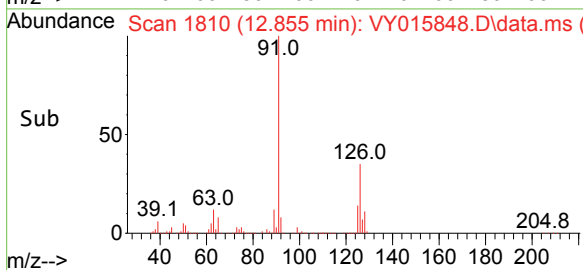
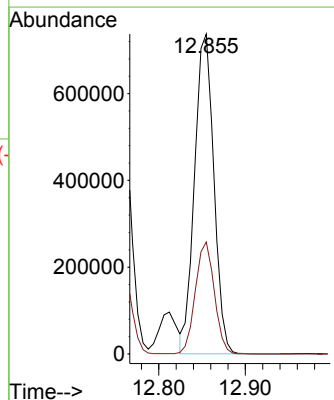
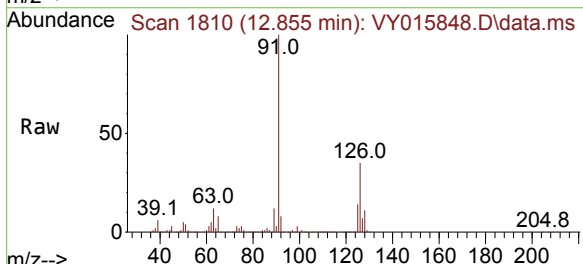
Instrument :
MSVOA_Y
ClientSampleId :

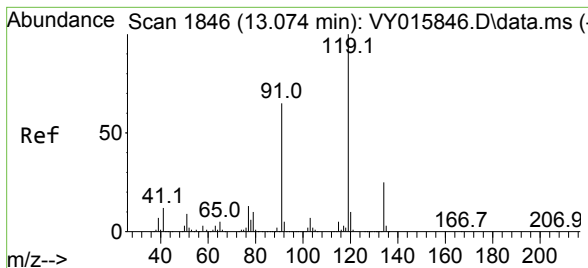
Tgt Ion: 75 Resp: 166122
Ion Ratio Lower Upper
75 100
53 84.7 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 157.362 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY015848.D
Acq: 05 Oct 2023 14:24

Tgt Ion: 91 Resp: 1139260
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 156.336 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

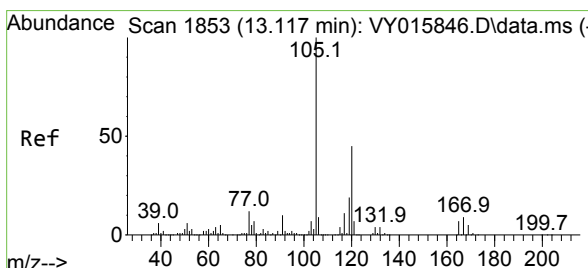
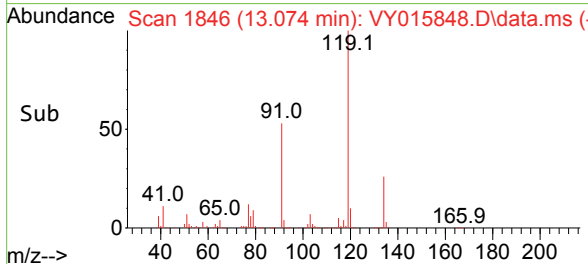
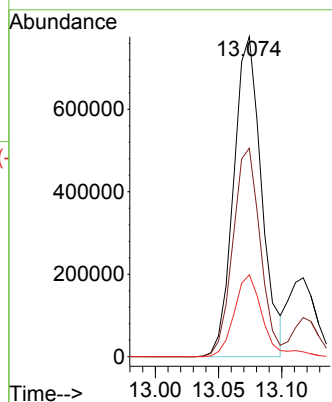
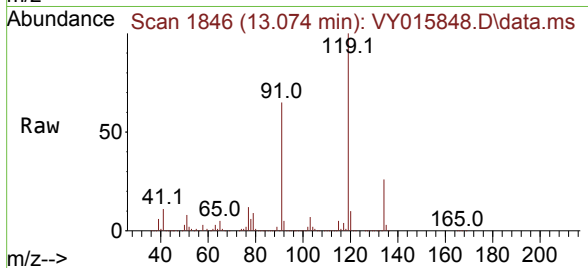
Tgt Ion:119 Resp: 1194310

Ion Ratio Lower Upper

119 100

91 63.8 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 157.667 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015848.D

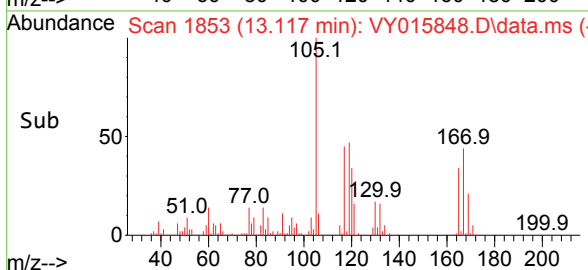
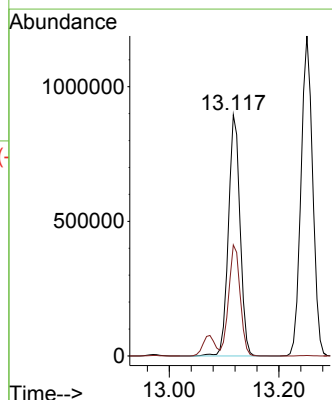
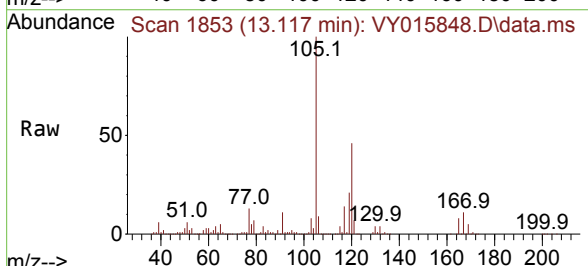
Acq: 05 Oct 2023 14:24

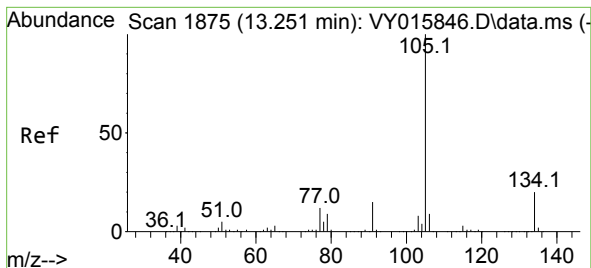
Tgt Ion:105 Resp: 1323789

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 155.679 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

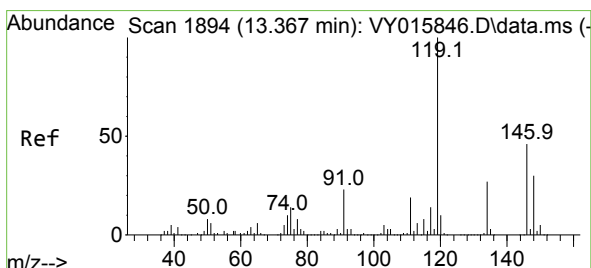
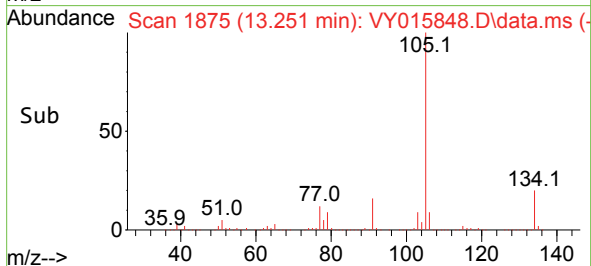
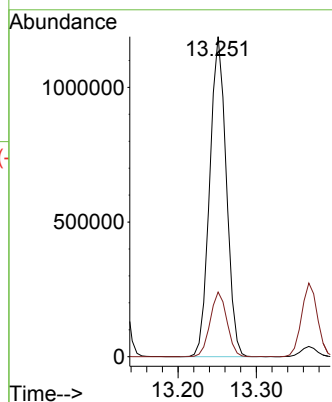
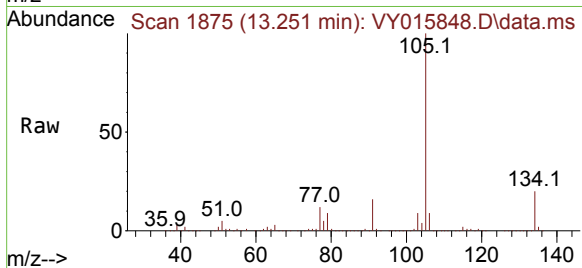
ClientSampleId :

Tgt Ion:105 Resp: 1744842

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 156.155 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

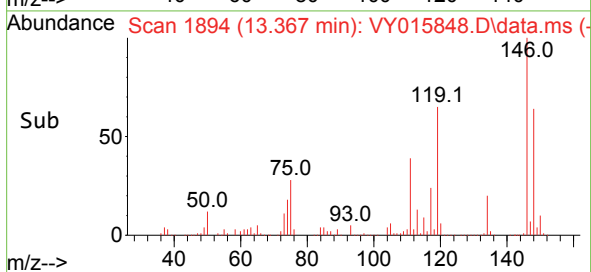
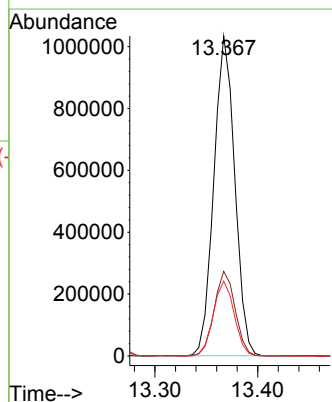
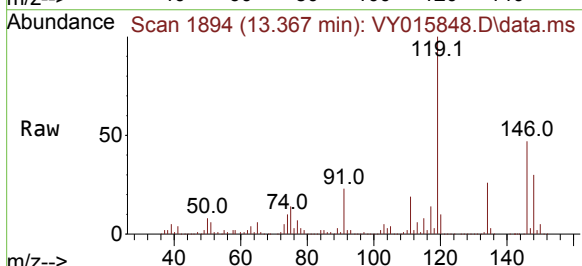
Tgt Ion:119 Resp: 1457460

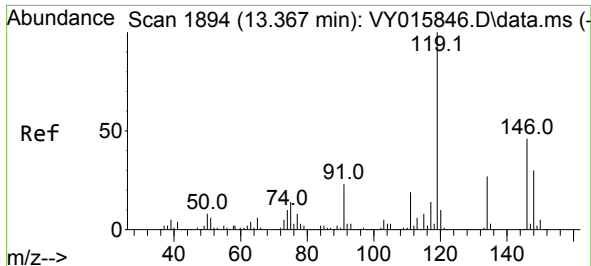
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 154.623 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

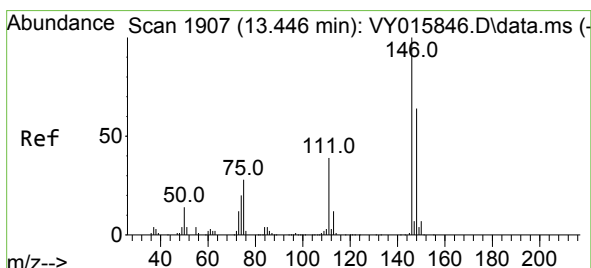
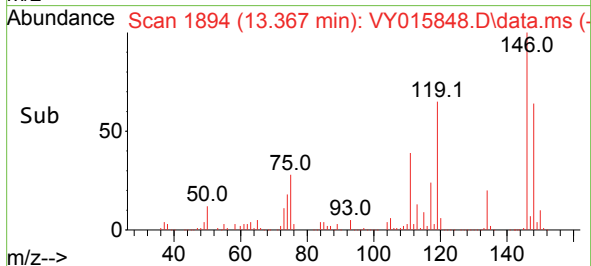
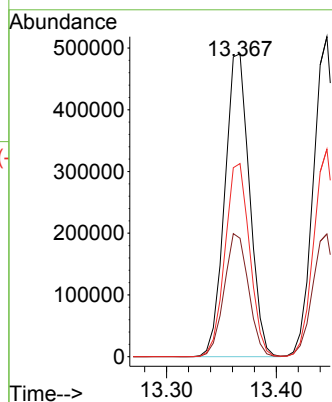
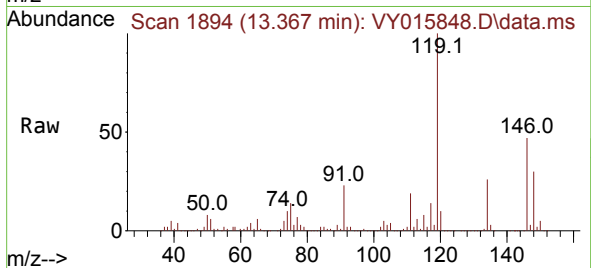
Tgt Ion:146 Resp: 768034

Ion Ratio Lower Upper

146 100

111 40.1 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 152.666 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

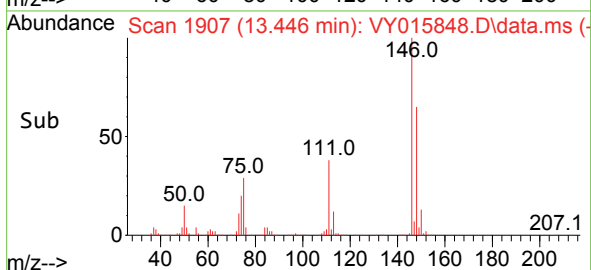
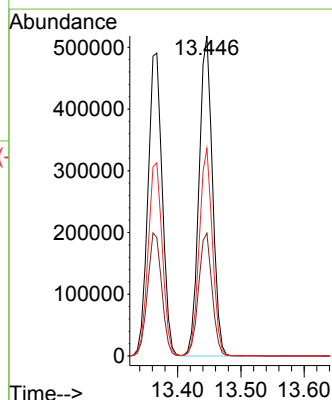
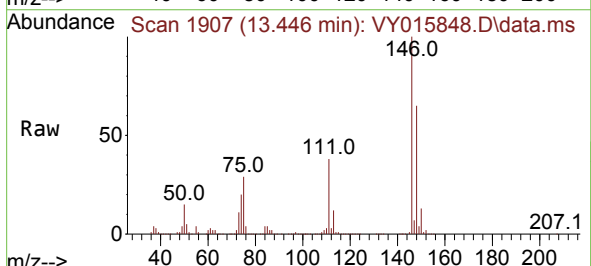
Tgt Ion:146 Resp: 766706

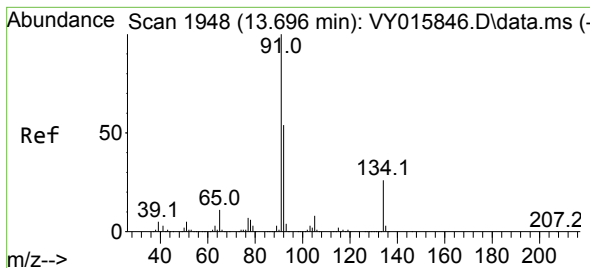
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 153.527 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

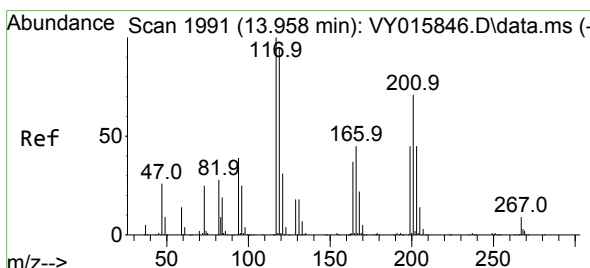
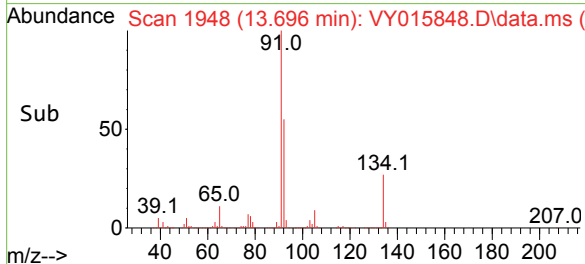
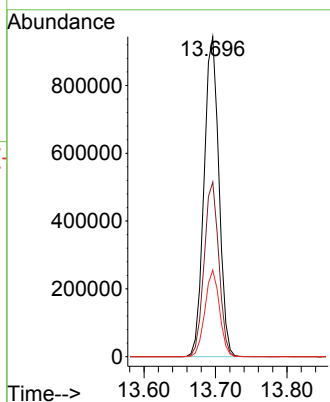
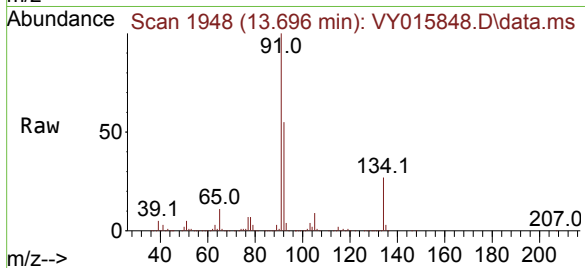
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 1363510

Ion	Ratio	Lower	Upper
91	100		
92	54.1	25.4	76.0
134	26.5	12.6	37.6



#90

Hexachloroethane

Concen: 159.513 ug/l

RT: 13.958 min Scan# 1991

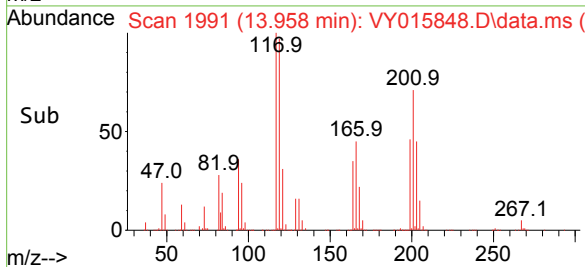
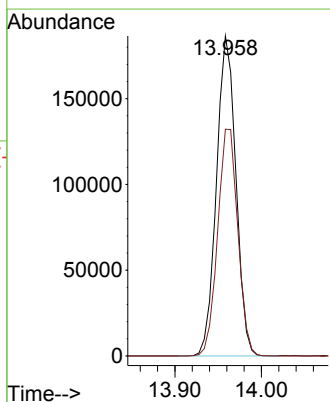
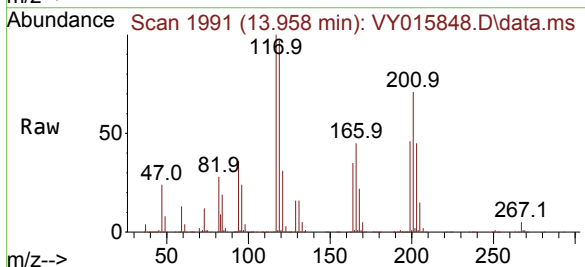
Delta R.T. -0.000 min

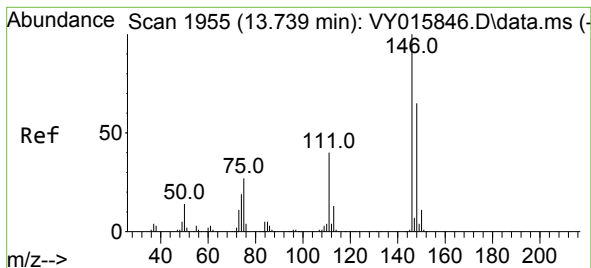
Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Tgt Ion: 117 Resp: 290598

Ion	Ratio	Lower	Upper
117	100		
201	73.9	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 153.357 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

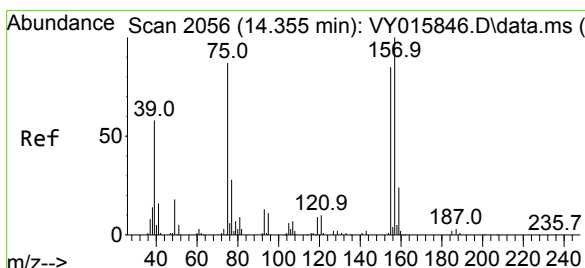
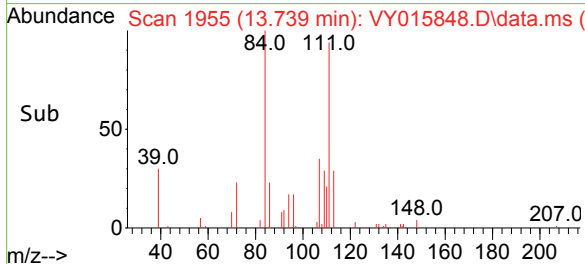
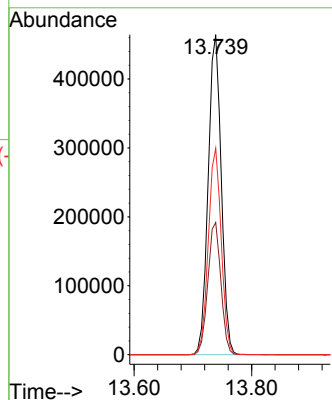
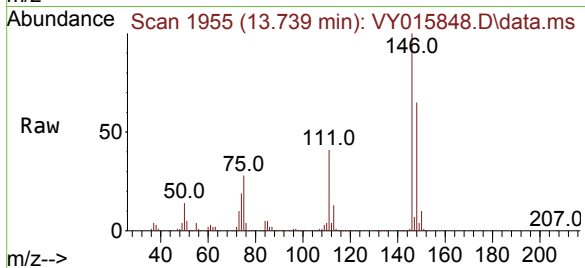
Tgt Ion:146 Resp: 717394

Ion Ratio Lower Upper

146 100

111 41.3 19.7 59.0

148 63.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 154.053 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

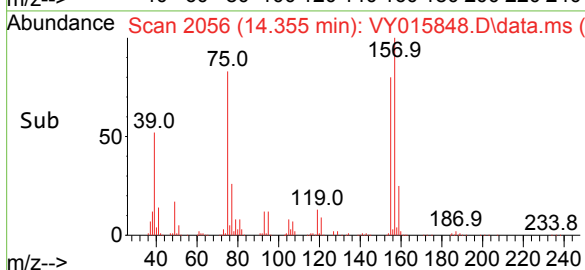
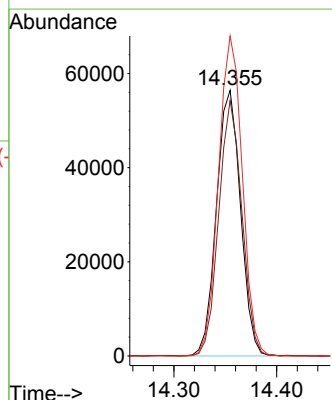
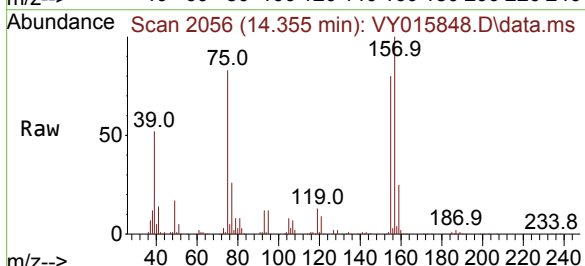
Tgt Ion: 75 Resp: 91569

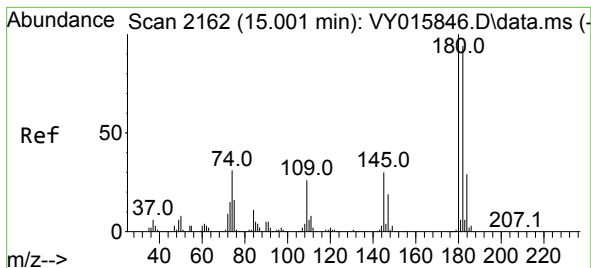
Ion Ratio Lower Upper

75 100

155 92.5 41.5 124.6

157 119.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 155.169 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

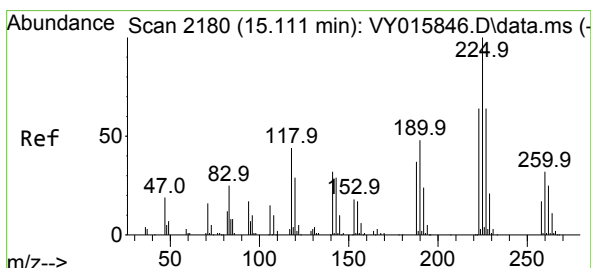
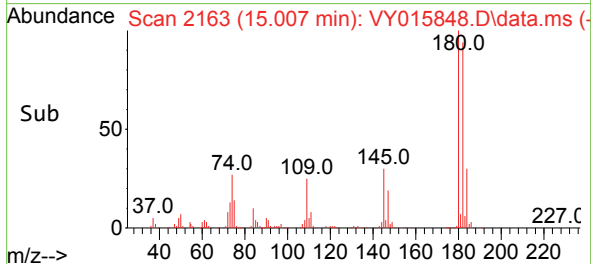
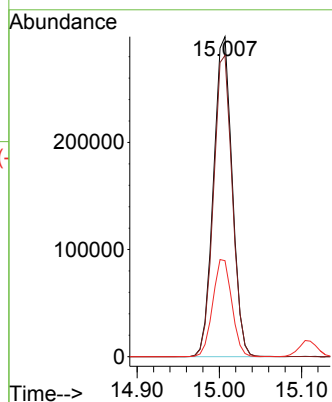
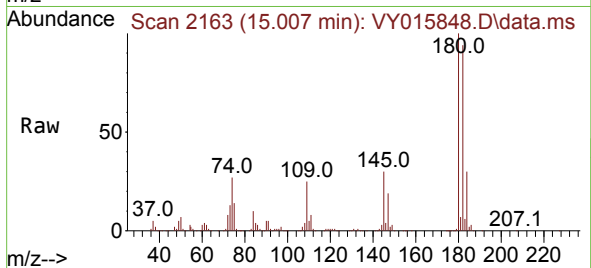
Tgt Ion:180 Resp: 472446

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 148.331 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

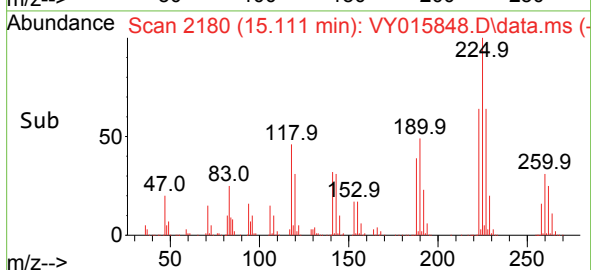
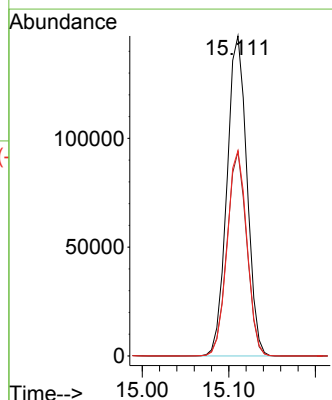
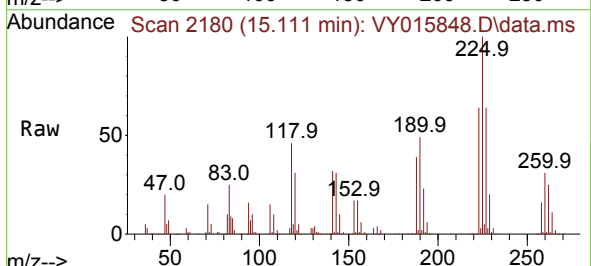
Tgt Ion:225 Resp: 235322

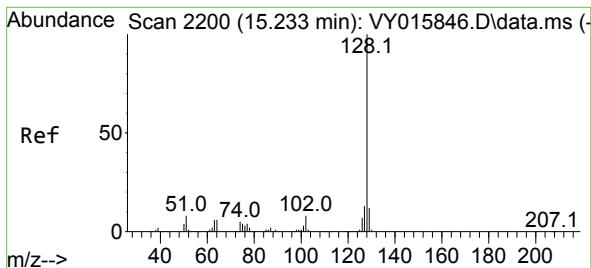
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 159.861 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

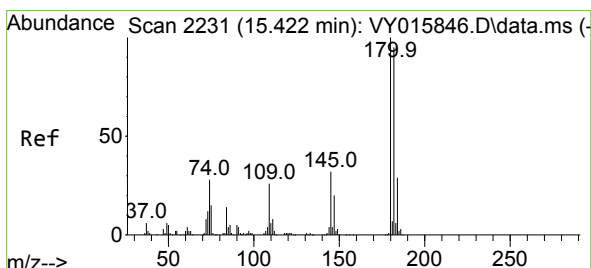
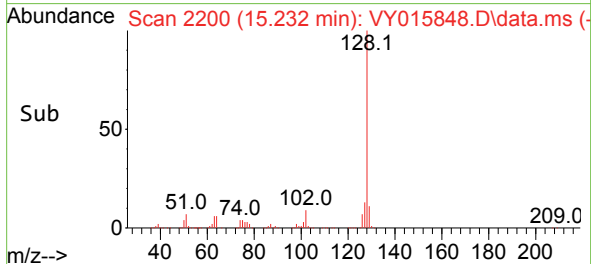
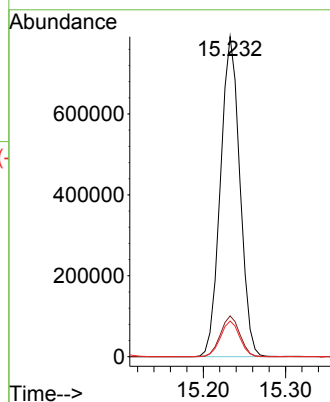
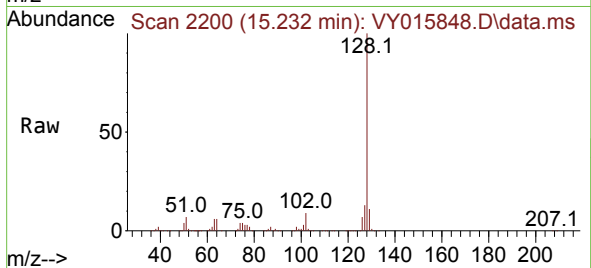
Tgt Ion:128 Resp: 1297857

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 153.443 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015848.D

Acq: 05 Oct 2023 14:24

Tgt Ion:180 Resp: 437737

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 32.9 15.4 46.2

