

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015693.D
 Acq On : 22 Sep 2023 18:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 22:59:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	140124	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	244561	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	227885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115574	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	74347	48.222	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.440%
35) Dibromofluoromethane	7.722	113	70619	48.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.480%
50) Toluene-d8	10.185	98	221940	44.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.440%
62) 4-Bromofluorobenzene	12.483	95	90492	46.461	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	46712	50.573	ug/l	98
3) Chloromethane	2.113	50	62615	53.735	ug/l	97
4) Vinyl Chloride	2.253	62	71829	53.913	ug/l	96
5) Bromomethane	2.649	94	56439	49.814	ug/l	95
6) Chloroethane	2.790	64	54872	55.566	ug/l	99
7) Trichlorofluoromethane	3.125	101	116166	51.991	ug/l	99
8) Diethyl Ether	3.533	74	51659	54.216	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	73742	52.711	ug/l	94
10) Methyl Iodide	4.094	142	75555	46.150	ug/l	98
11) Tert butyl alcohol	4.978	59	85973	271.141	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	63906	51.840	ug/l	92
13) Acrolein	3.735	56	63296	268.071	ug/l	98
14) Allyl chloride	4.485	41	116601	51.732	ug/l	94
15) Acrylonitrile	5.167	53	195995	280.399	ug/l	98
16) Acetone	3.960	43	165032	200.020	ug/l	91
17) Carbon Disulfide	4.198	76	125145	52.256	ug/l	99
18) Methyl Acetate	4.485	43	172297	62.239	ug/l	94
19) Methyl tert-butyl Ether	5.228	73	276129	54.996	ug/l	100
20) Methylene Chloride	4.716	84	96697	53.891	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	75626	53.671	ug/l	97
22) Diisopropyl ether	6.124	45	297900	54.919	ug/l	94
23) Vinyl Acetate	6.070	43	865694	258.565	ug/l	96
24) 1,1-Dichloroethane	6.021	63	156962	53.089	ug/l	97
25) 2-Butanone	6.996	43	286301	245.495	ug/l	96
26) 2,2-Dichloropropane	6.984	77	112732	41.717	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	99434	53.156	ug/l	95
28) Bromochloromethane	7.338	49	41822	52.138	ug/l	98
29) Tetrahydrofuran	7.356	42	190764	289.405	ug/l	95
30) Chloroform	7.508	83	169989	53.688	ug/l	95
31) Cyclohexane	7.789	56	103894	48.644	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	140315	53.682	ug/l	99
36) 1,1-Dichloropropene	7.923	75	108396	50.083	ug/l	99
37) Ethyl Acetate	7.082	43	116196	53.824	ug/l	97
38) Carbon Tetrachloride	7.905	117	119294	50.779	ug/l	99
39) Methylcyclohexane	9.185	83	117723	49.177	ug/l	95
40) Benzene	8.161	78	338308	51.257	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	165246	142.160	ug/l	# 29
42) 1,2-Dichloroethane	8.240	62	119232	52.747	ug/l	94
43) Isopropyl Acetate	8.277	43	200336	54.326	ug/l	99
44) Trichloroethene	8.941	130	95697	51.912	ug/l	98
45) 1,2-Dichloropropane	9.215	63	95964	52.137	ug/l	98
46) Dibromomethane	9.307	93	63008	53.515	ug/l	95
47) Bromodichloromethane	9.502	83	139837	53.285	ug/l	99
48) Methyl methacrylate	9.295	41	89363	55.209	ug/l	91
49) 1,4-Dioxane	9.313	88	26276	1129.662	ug/l	# 51
51) 4-Methyl-2-Pentanone	10.075	43	637331	278.837	ug/l	93
52) Toluene	10.246	92	219373	51.556	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	143428	50.965	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	154899	51.133	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	92147	53.406	ug/l	98
56) Ethyl methacrylate	10.514	69	141753	55.748	ug/l	89
57) 1,3-Dichloropropane	10.788	76	155364	53.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	211489	261.848	ug/l	96
59) 2-Hexanone	10.831	43	470272	268.176	ug/l	92
60) Dibromochloromethane	10.989	129	108406	53.823	ug/l	99
61) 1,2-Dibromoethane	11.093	107	90417	53.565	ug/l	99
64) Tetrachloroethene	10.721	164	109180	55.841	ug/l	97
65) Chlorobenzene	11.520	112	252098	50.680	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	100935	52.238	ug/l	98
67) Ethyl Benzene	11.593	91	440752	50.694	ug/l	99
68) m/p-Xylenes	11.703	106	334451	101.206	ug/l	97
69) o-Xylene	12.032	106	165624	51.111	ug/l	99
70) Styrene	12.044	104	293340	52.885	ug/l	97
71) Bromoform	12.209	173	76373	54.545	ug/l	# 98
73) Isopropylbenzene	12.331	105	436784	50.379	ug/l	100
74) N-amyl acetate	12.148	43	173196	53.150	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	125531	52.024	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	164501	89.219	ug/l	# 100
77) Bromobenzene	12.611	156	108716	51.083	ug/l	94
78) n-propylbenzene	12.672	91	524986	49.843	ug/l	100
79) 2-Chlorotoluene	12.757	91	302624	50.404	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	368511	50.771	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	40287	49.204	ug/l	94
82) 4-Chlorotoluene	12.855	91	312767	49.901	ug/l	100
83) tert-Butylbenzene	13.074	119	324303	51.014	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	366121	50.413	ug/l	98
85) sec-Butylbenzene	13.251	105	474478	49.874	ug/l	100
86) p-Isopropyltoluene	13.373	119	394987	49.703	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	211006	49.977	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	211073	49.986	ug/l	99
89) n-Butylbenzene	13.696	91	361701	48.066	ug/l	97
90) Hexachloroethane	13.958	117	76400	49.814	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	199138	51.094	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25848	53.936	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	121185	49.390	ug/l	99
94) Hexachlorobutadiene	15.111	225	58655	46.680	ug/l	98
95) Naphthalene	15.239	128	343279	53.654	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	113079	49.931	ug/l	99

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QLast Update : Wed Sep 20 01:39:40 2023
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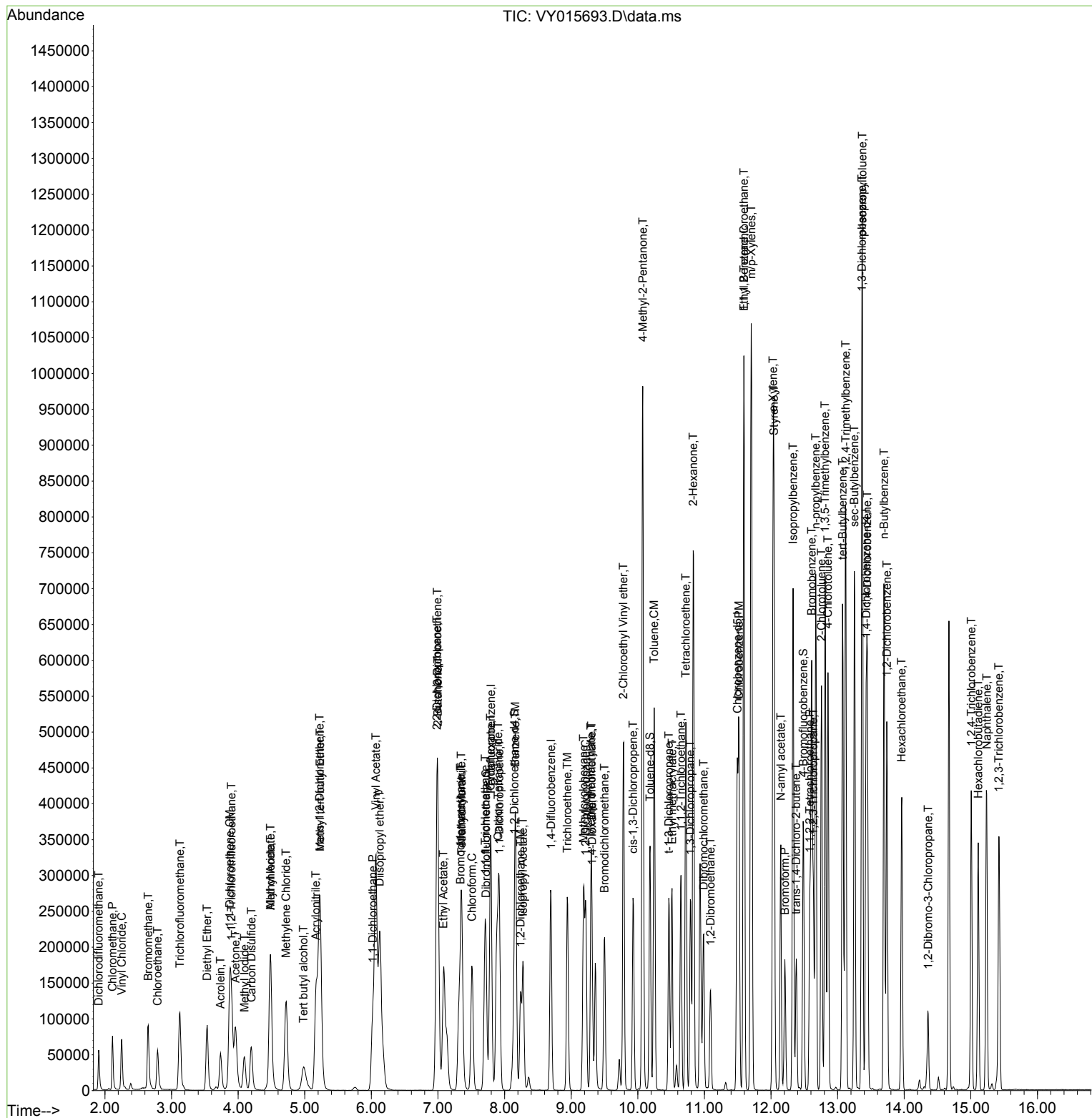
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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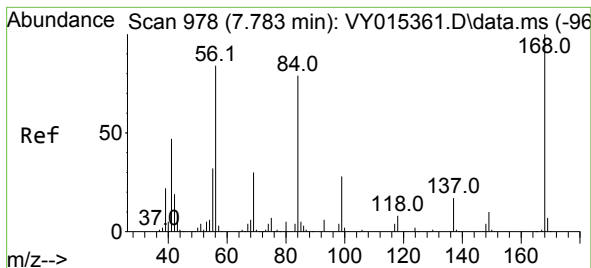
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY015693.D

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Instrument :

MSVOA_Y

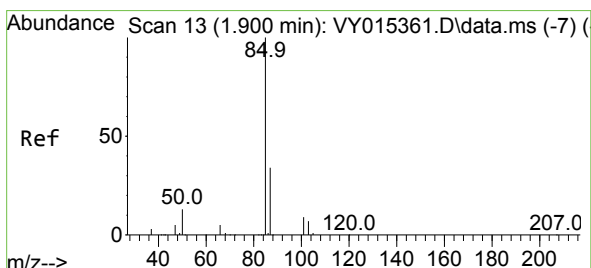
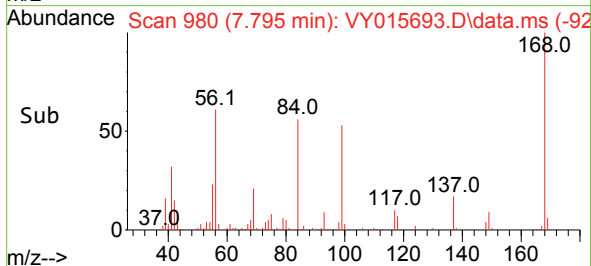
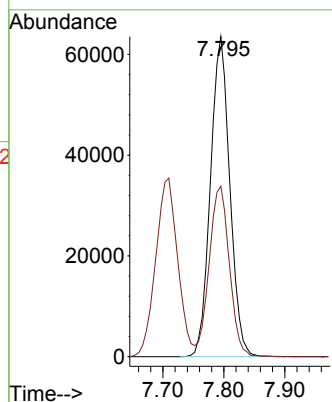
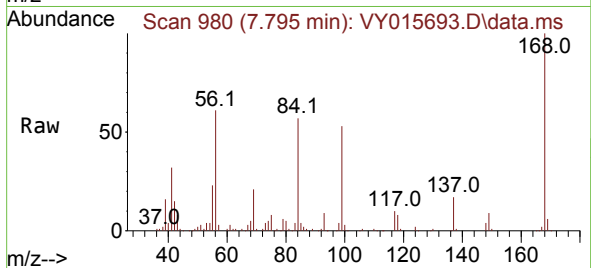
ClientSampleId :

Tgt Ion:168 Resp: 140124

Ion Ratio Lower Upper

168 100

99 53.1 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 50.573 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY015693.D

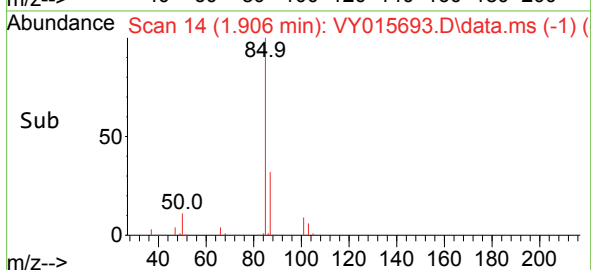
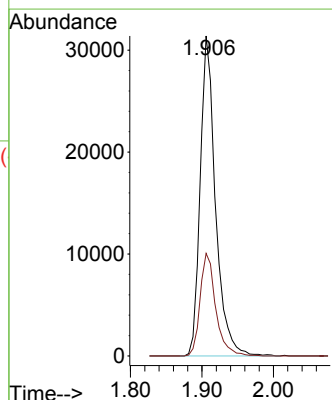
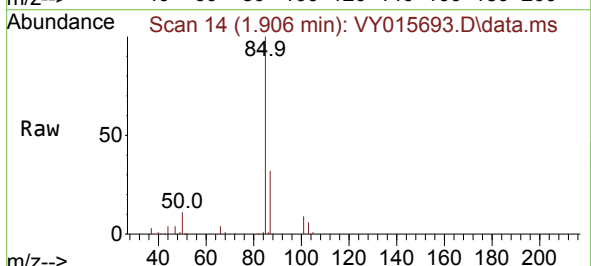
Acq: 22 Sep 2023 18:37

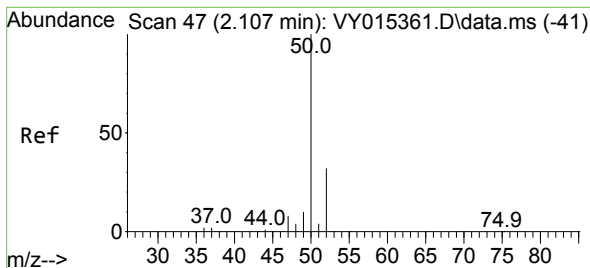
Tgt Ion: 85 Resp: 46712

Ion Ratio Lower Upper

85 100

87 32.0 15.6 46.8





#3

Chloromethane

Concen: 53.735 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

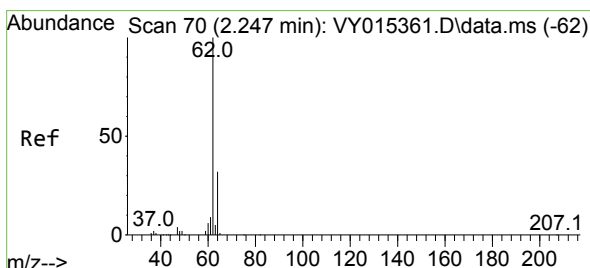
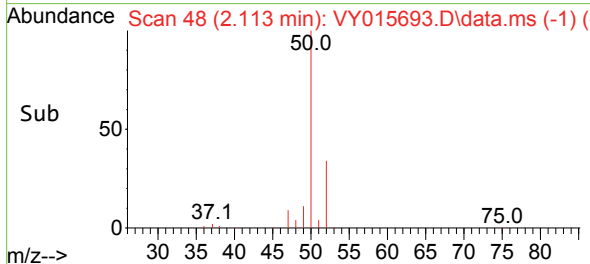
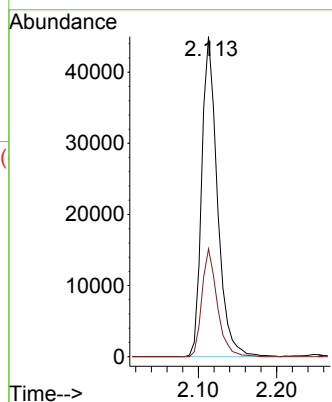
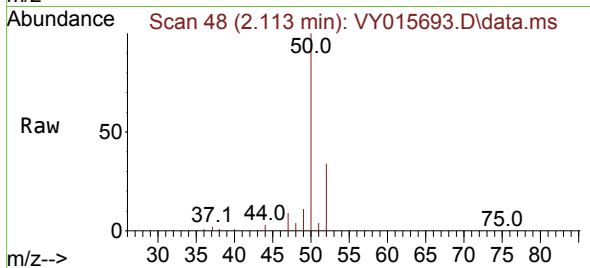
ClientSampleId :

Tgt Ion: 50 Resp: 62615

Ion Ratio Lower Upper

50 100

52 33.7 25.4 38.2



#4

Vinyl Chloride

Concen: 53.913 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015693.D

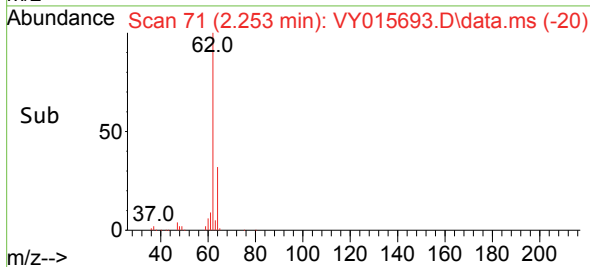
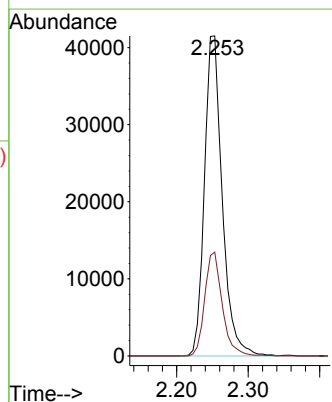
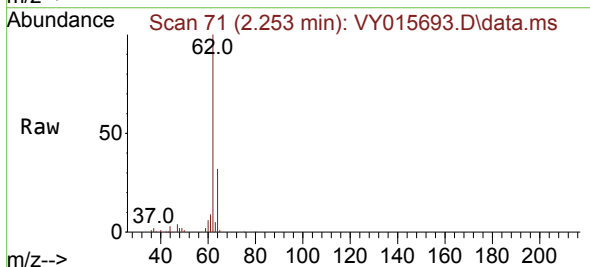
Acq: 22 Sep 2023 18:37

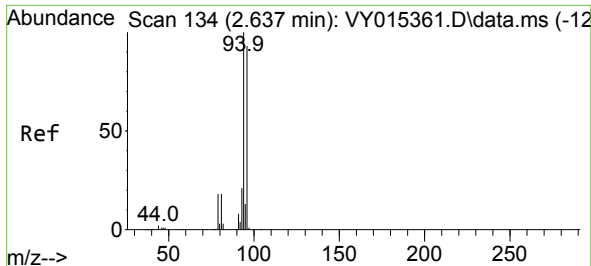
Tgt Ion: 62 Resp: 71829

Ion Ratio Lower Upper

62 100

64 32.5 24.3 36.5

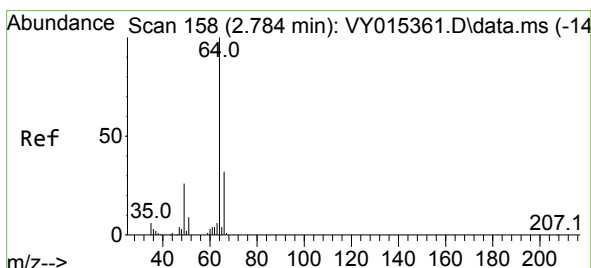
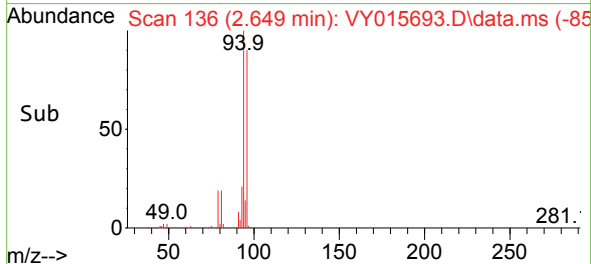
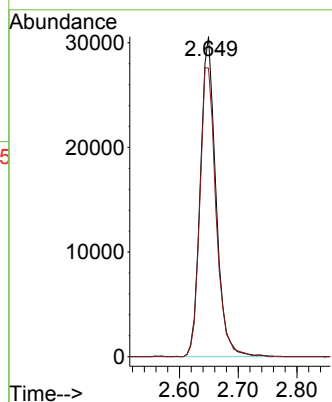
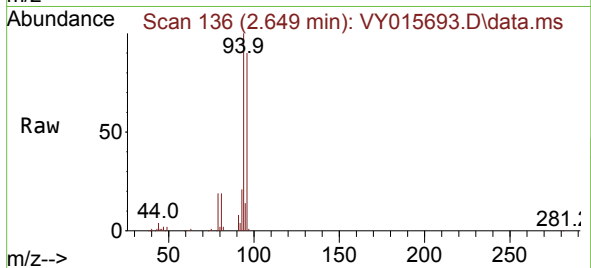




#5
Bromomethane
Concen: 49.814 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

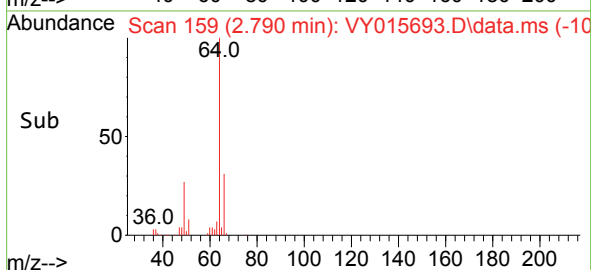
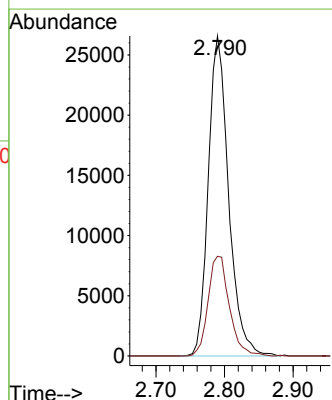
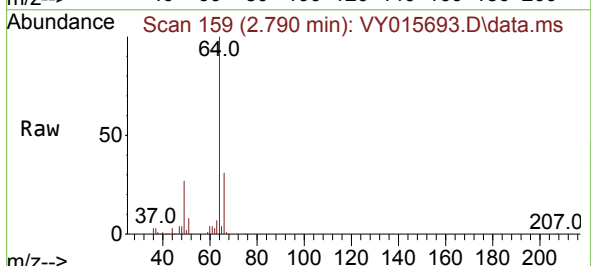
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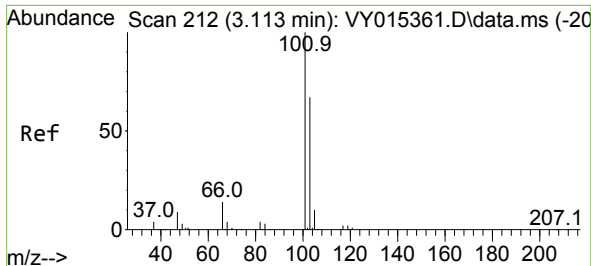
Tgt Ion: 94 Resp: 56439
Ion Ratio Lower Upper
94 100
96 90.1 75.8 113.6



#6
Chloroethane
Concen: 55.566 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015693.D
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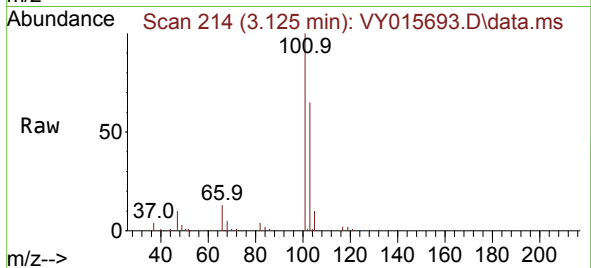
Tgt Ion: 64 Resp: 54872
Ion Ratio Lower Upper
64 100
66 31.1 24.4 36.6



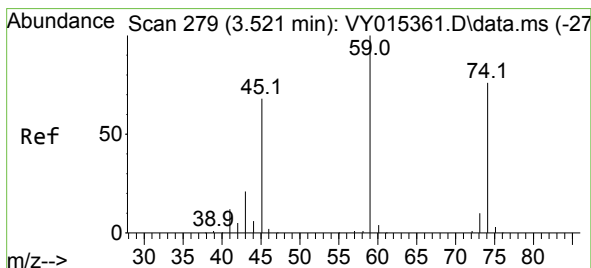
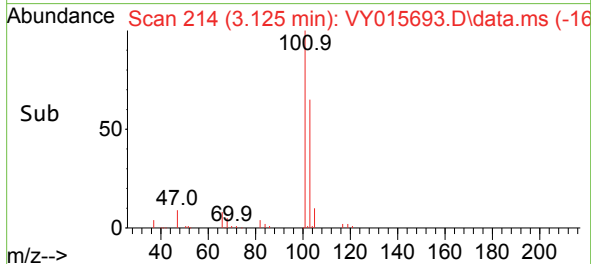
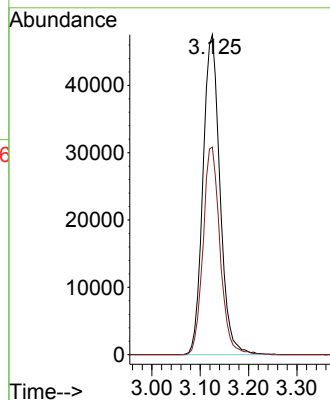


#7
Trichlorofluoromethane
Concen: 51.991 ug/l
RT: 3.125 min Scan# 211
Delta R.T. 0.012 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Instrument :
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ClientSampleId :

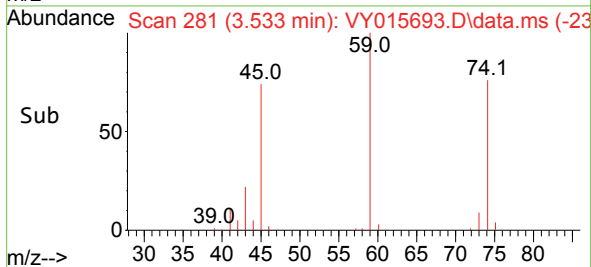
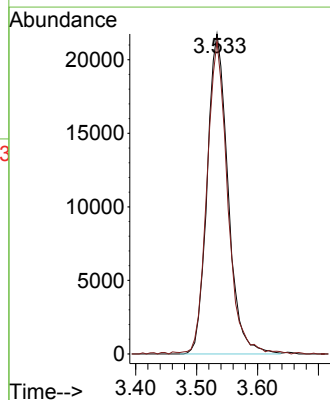
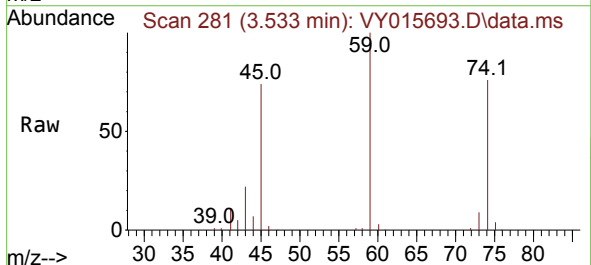


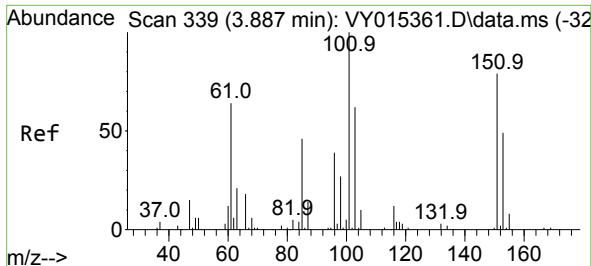
Tgt Ion:101 Resp: 116166
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0



#8
Diethyl Ether
Concen: 54.216 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.012 min
Lab File: VY015693.D
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Tgt Ion: 74 Resp: 51659
Ion Ratio Lower Upper
74 100
45 97.4 51.5 154.5

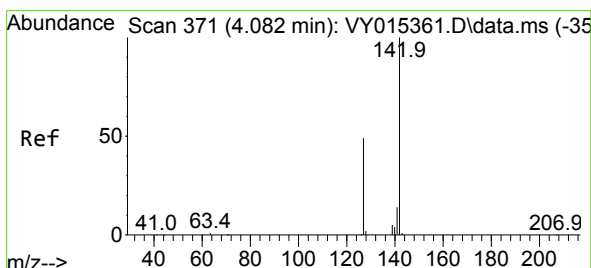
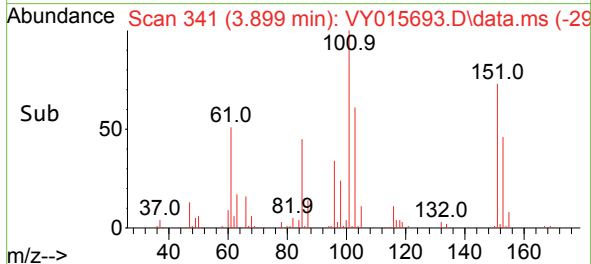
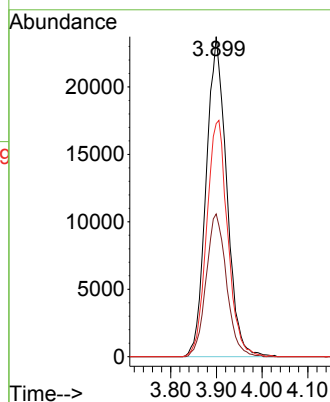
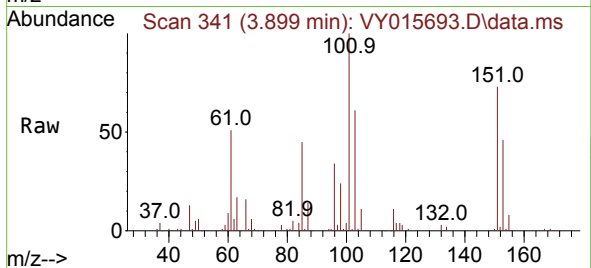




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.711 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

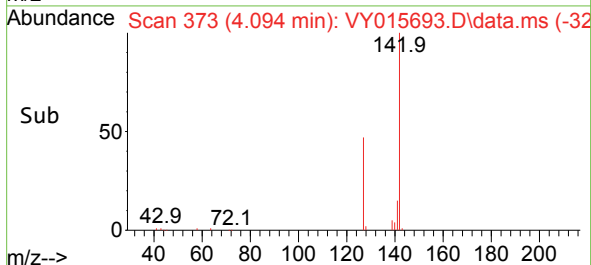
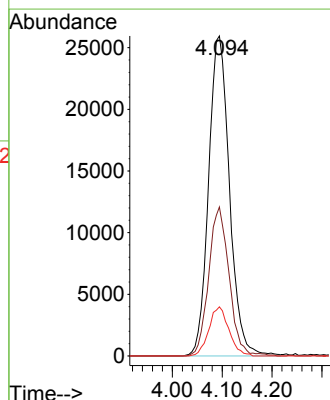
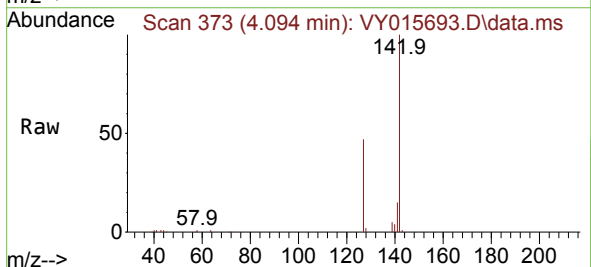
Instrument :
MSVOA_Y
ClientSampleId :

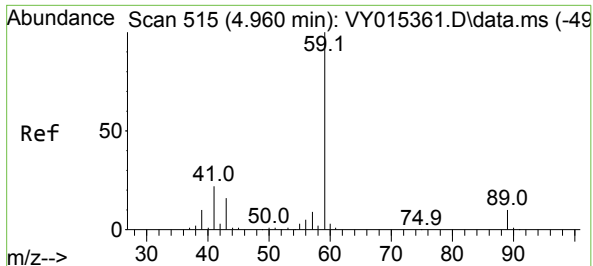
Tgt Ion:101 Resp: 73742
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 75.7 67.0 100.6



#10
Methyl Iodide
Concen: 46.150 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion:142 Resp: 75555
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.7 11.8 17.8

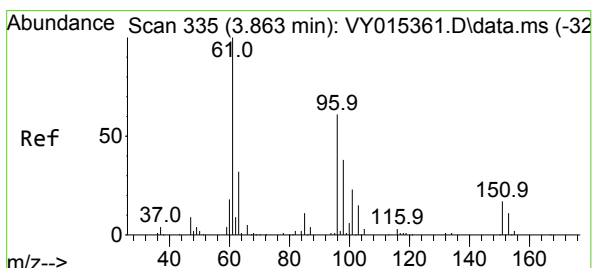
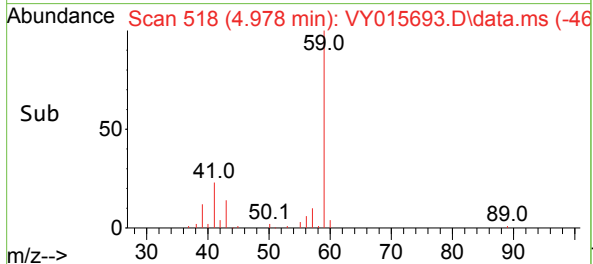
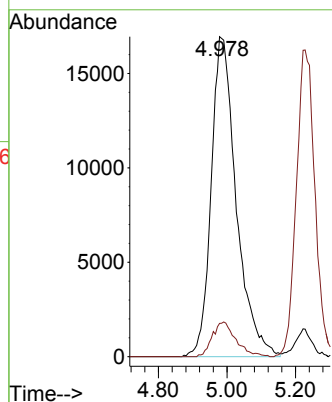
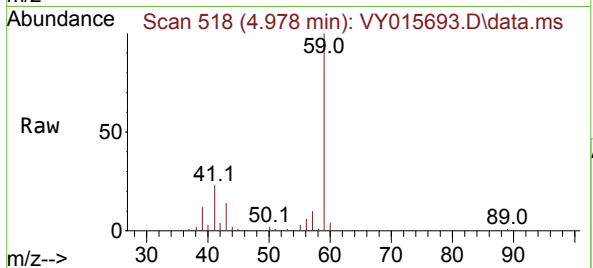




#11
Tert butyl alcohol
Concen: 271.141 ug/l
RT: 4.978 min Scan# 515
Delta R.T. 0.024 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

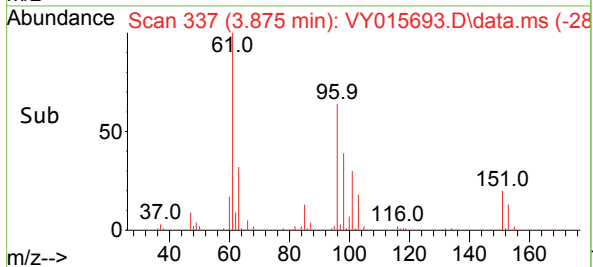
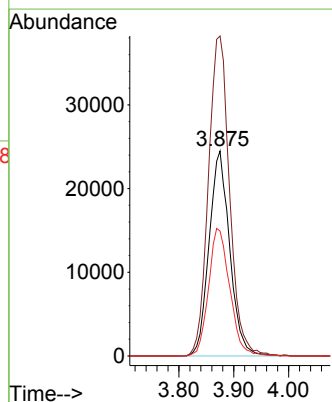
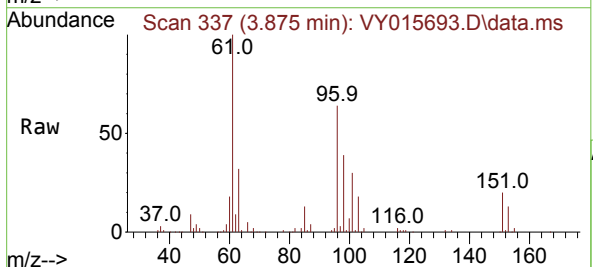
Instrument :
MSVOA_Y
ClientSampleId :

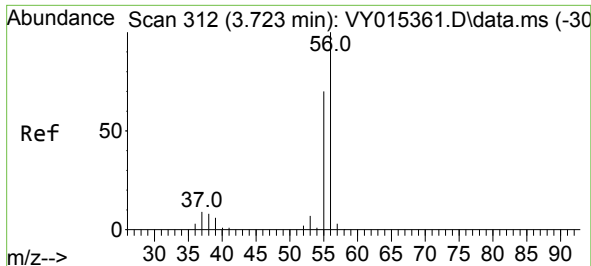
Tgt Ion: 59 Resp: 85973
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.840 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion: 96 Resp: 63906
Ion Ratio Lower Upper
96 100
61 156.1 136.4 204.6
98 61.0 49.4 74.2





#13

Acrolein

Concen: 268.071 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

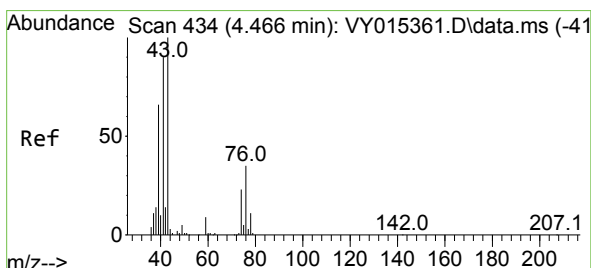
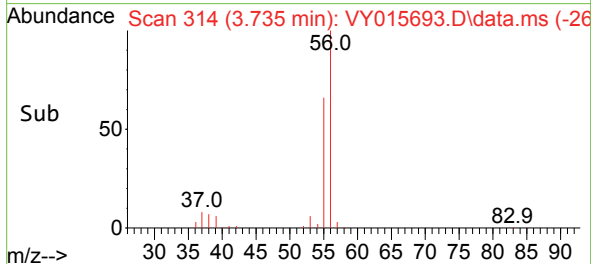
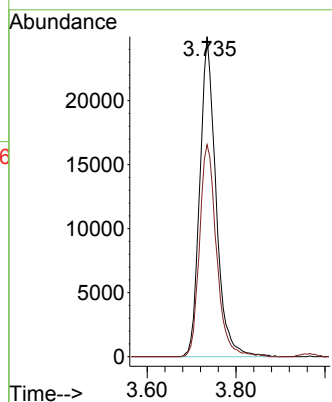
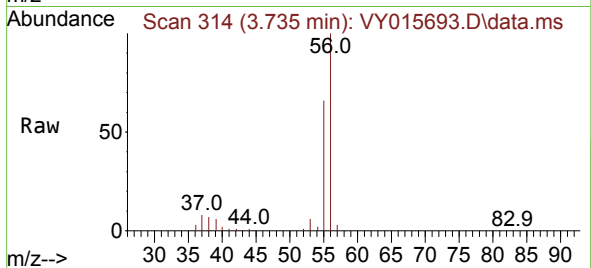
ClientSampleId :

Tgt Ion: 56 Resp: 63296

Ion Ratio Lower Upper

56 100

55 69.6 57.0 85.4



#14

Allyl chloride

Concen: 51.732 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

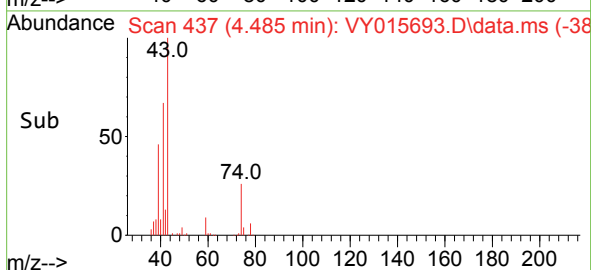
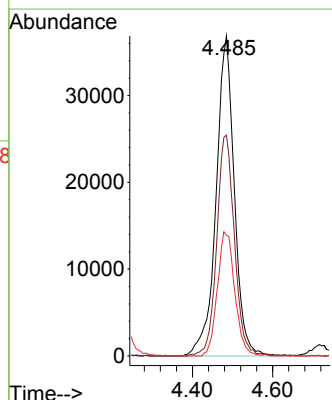
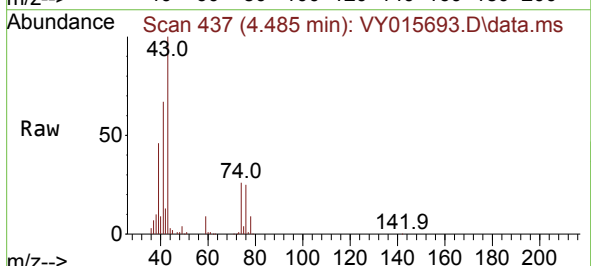
Tgt Ion: 41 Resp: 116601

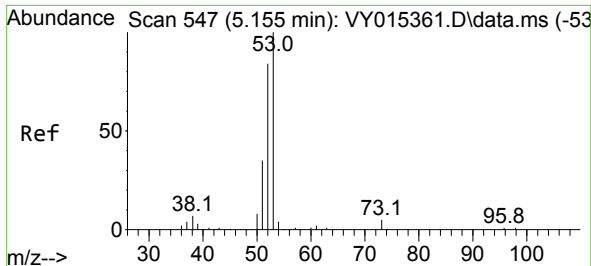
Ion Ratio Lower Upper

41 100

39 66.9 58.0 87.0

76 36.9 27.4 41.2

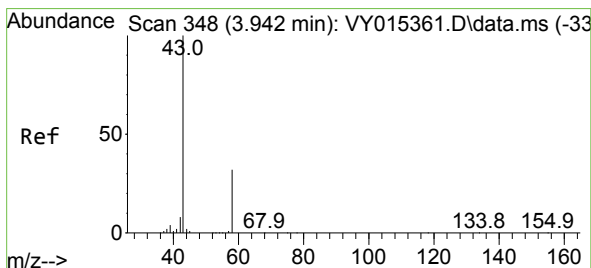
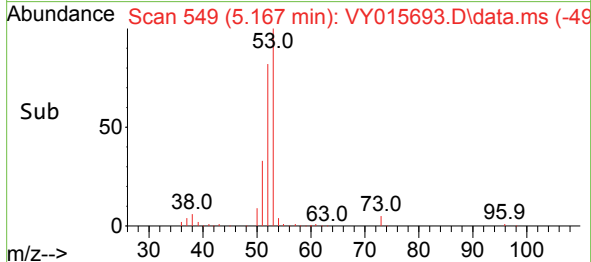
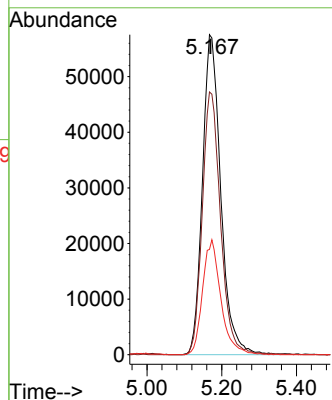
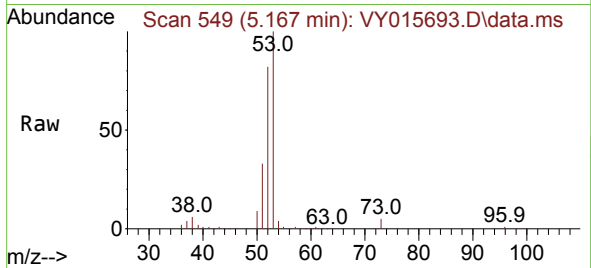




#15
Acrylonitrile
Concen: 280.399 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

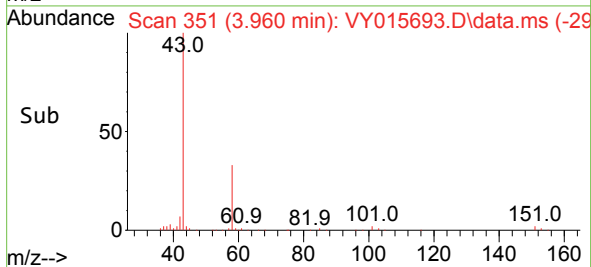
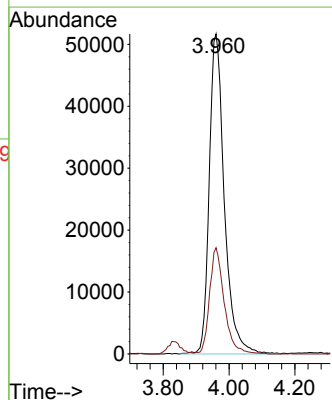
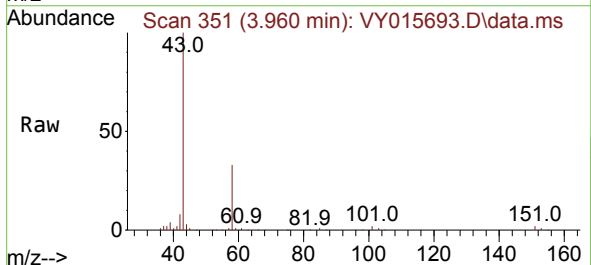
Instrument :
MSVOA_Y
ClientSampleId :

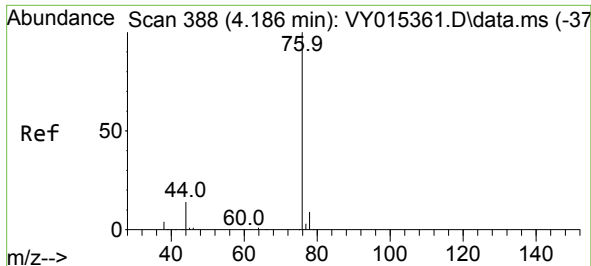
Tgt Ion: 53 Resp: 195995
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 35.9 29.8 44.6



#16
Acetone
Concen: 200.020 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion: 43 Resp: 165032
Ion Ratio Lower Upper
43 100
58 33.2 22.7 34.1

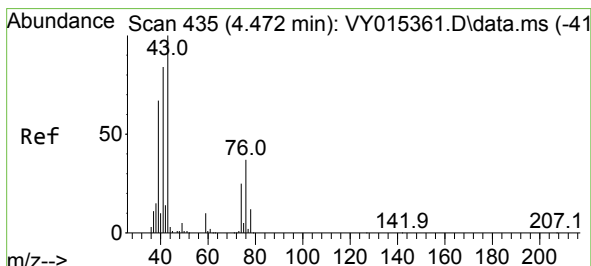
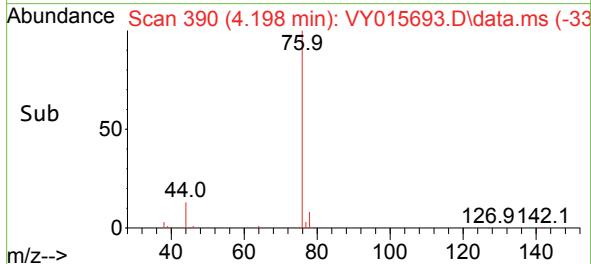
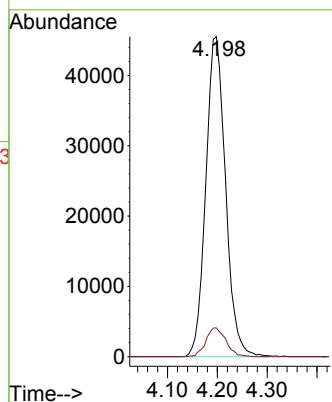
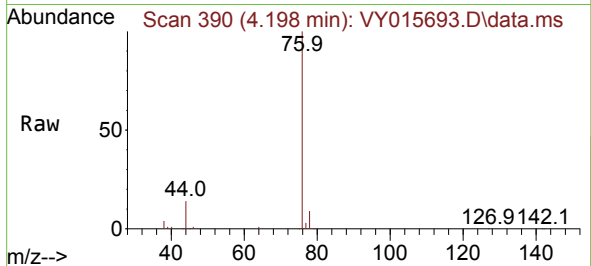




#17
Carbon Disulfide
Concen: 52.256 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

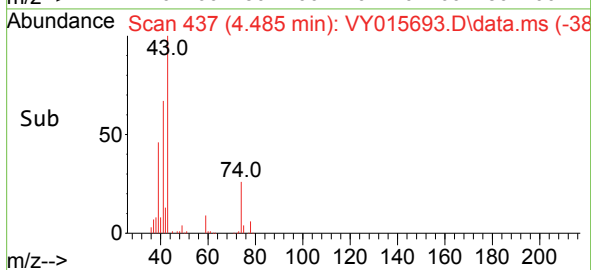
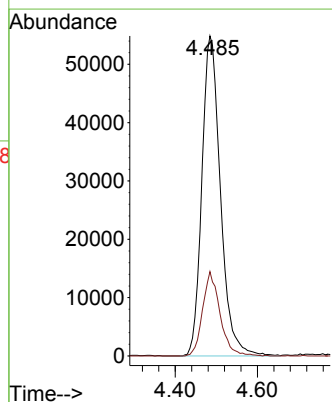
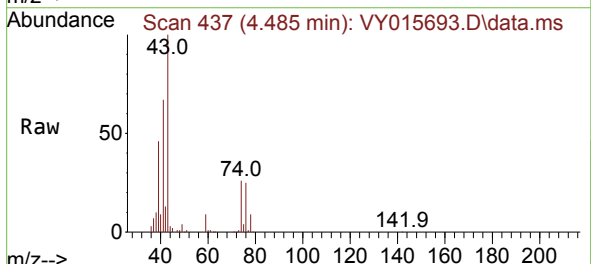
Instrument :
MSVOA_Y
ClientSampleId :

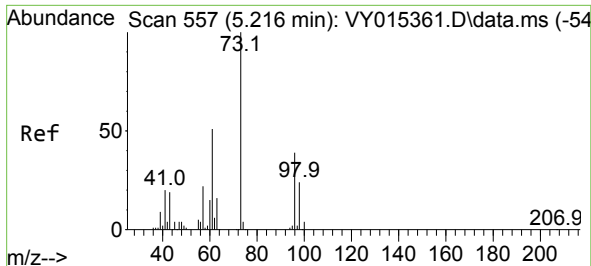
Tgt Ion: 76 Resp: 125145
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 62.239 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion: 43 Resp: 172297
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 54.996 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.018 min

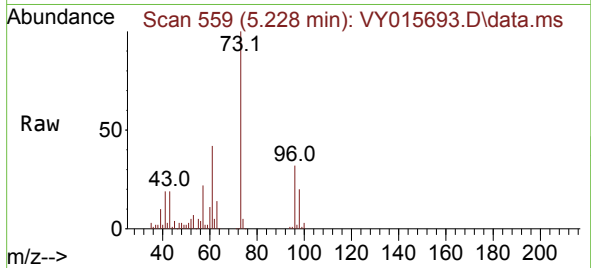
Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

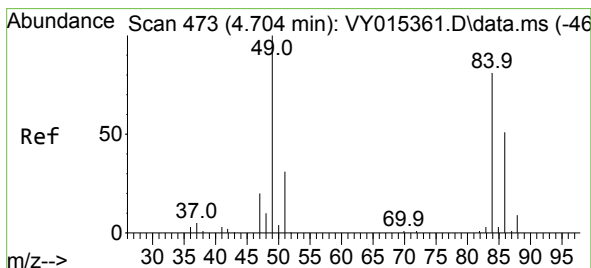
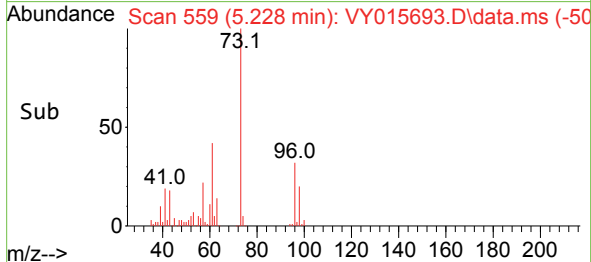
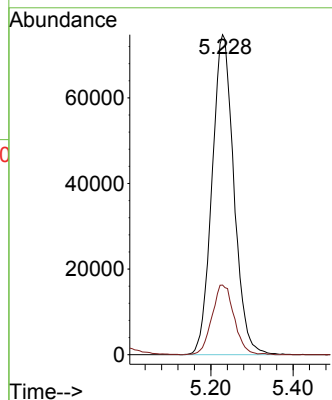


Tgt Ion: 73 Resp: 276129

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 53.891 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Tgt Ion: 84 Resp: 96697

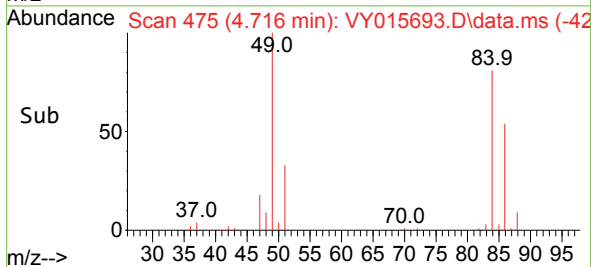
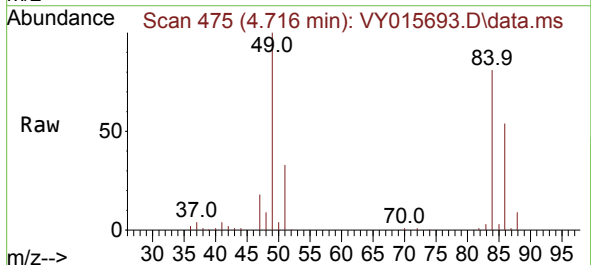
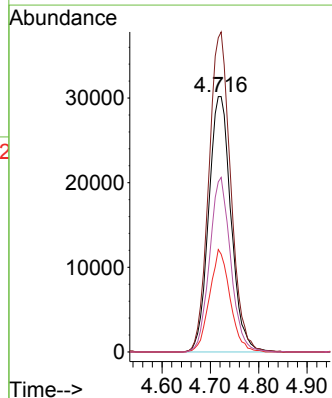
Ion Ratio Lower Upper

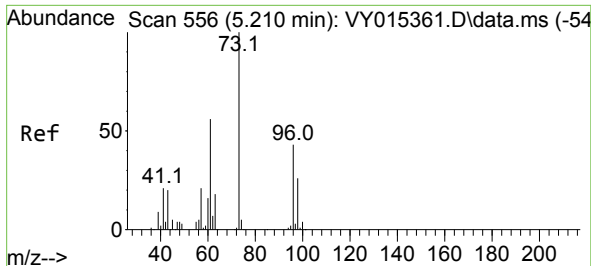
84 100

49 123.0 106.9 160.3

51 40.1 33.2 49.8

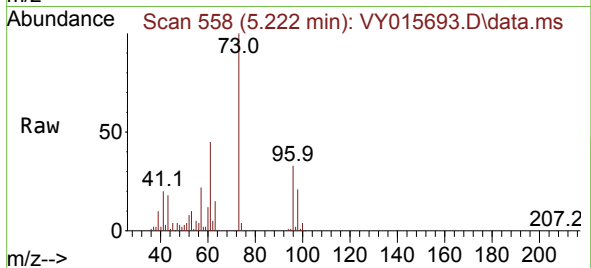
86 66.6 51.0 76.6



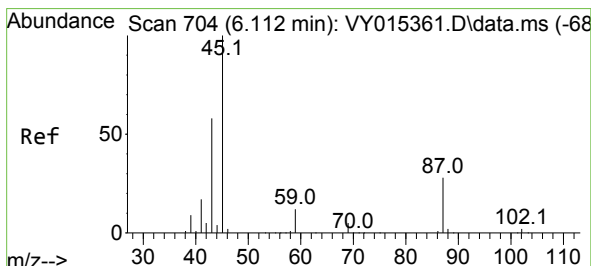
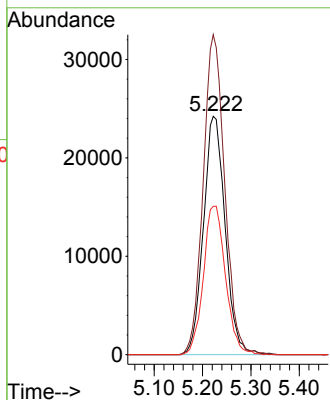
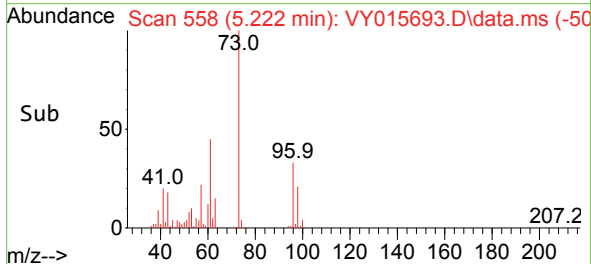


#21
trans-1,2-Dichloroethene
Concen: 53.671 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

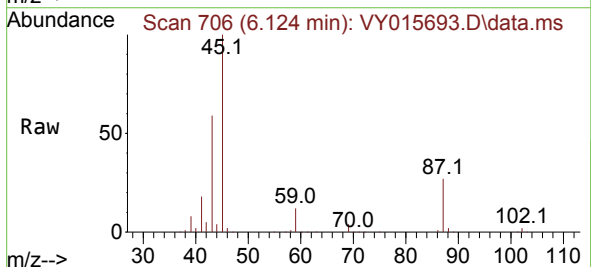
Instrument :
MSVOA_Y
ClientSampleId :



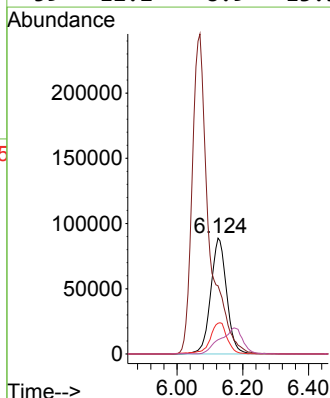
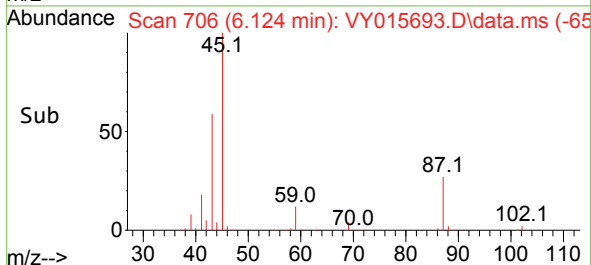
Tgt Ion: 96 Resp: 75626
Ion Ratio Lower Upper
96 100
61 134.2 110.2 165.4
98 62.2 51.8 77.6

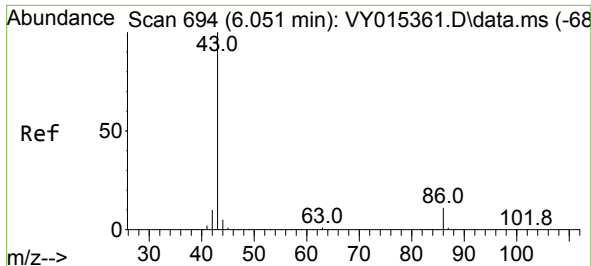


#22
Diisopropyl ether
Concen: 54.919 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37



Tgt Ion: 45 Resp: 297900
Ion Ratio Lower Upper
45 100
43 58.6 52.2 78.4
87 26.6 21.0 31.6
59 12.2 8.9 13.3





#23

Vinyl Acetate

Concen: 258.565 ug/l

RT: 6.070 min Scan# 694

Delta R.T. 0.019 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

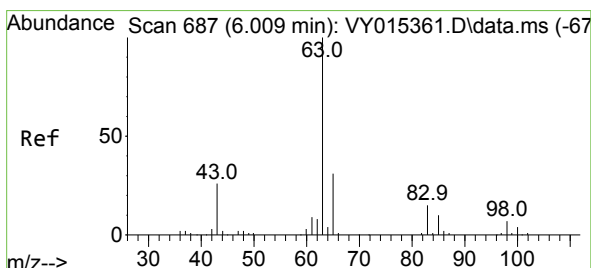
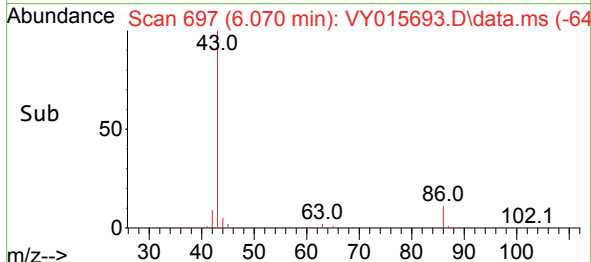
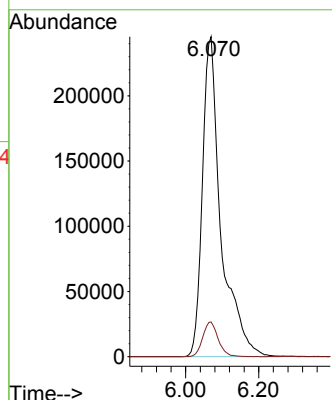
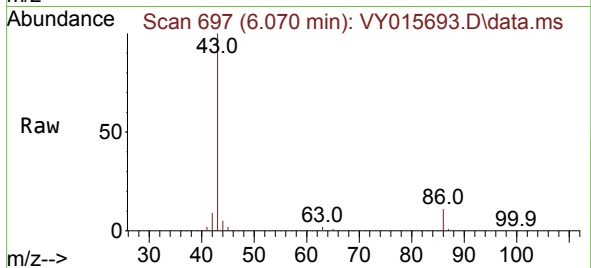
ClientSampleId :

Tgt Ion: 43 Resp: 865694

Ion Ratio Lower Upper

43 100

86 10.9 7.5 11.3



#24

1,1-Dichloroethane

Concen: 53.089 ug/l

RT: 6.021 min Scan# 689

Delta R.T. 0.018 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

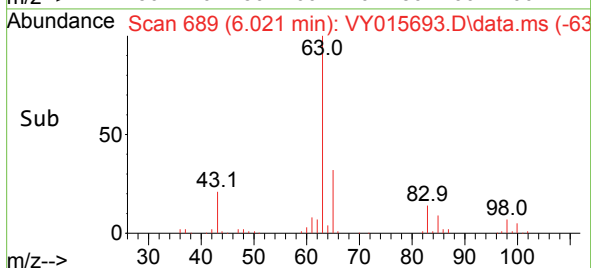
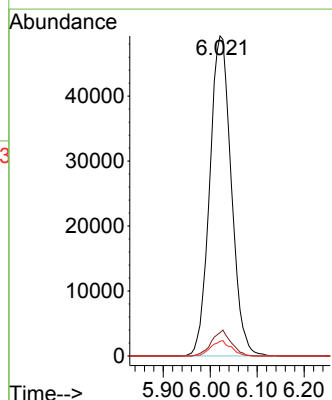
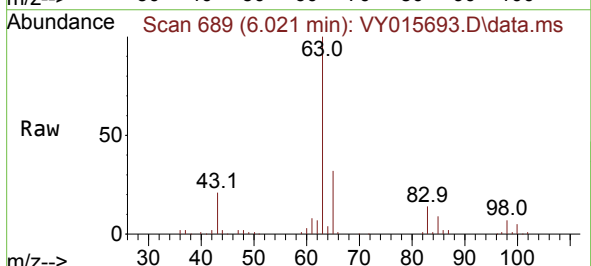
Tgt Ion: 63 Resp: 156962

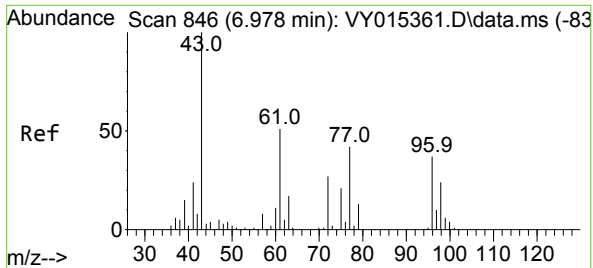
Ion Ratio Lower Upper

63 100

98 7.3 3.1 9.4

100 4.6 1.8 5.5

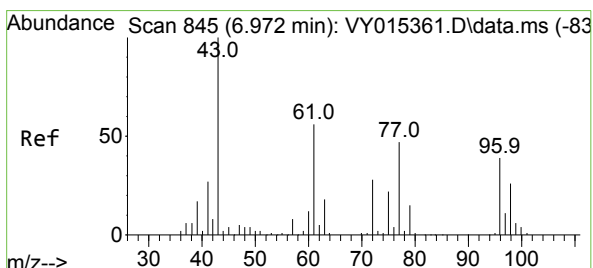
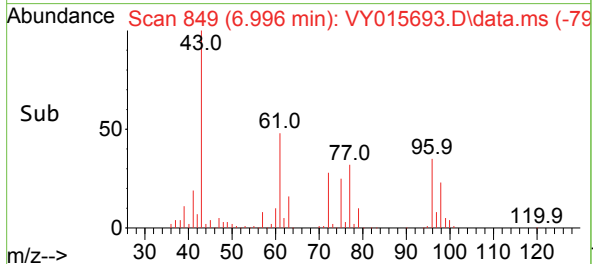
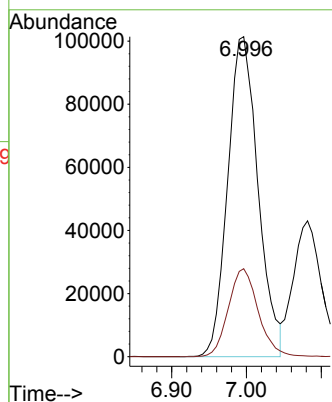
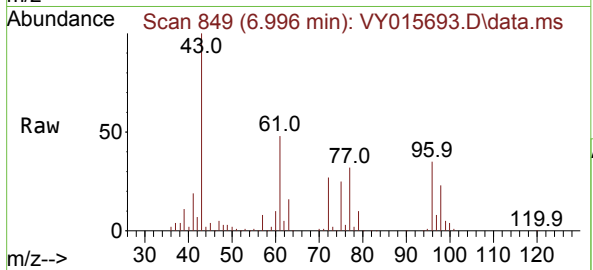




#25
2-Butanone
Concen: 245.495 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

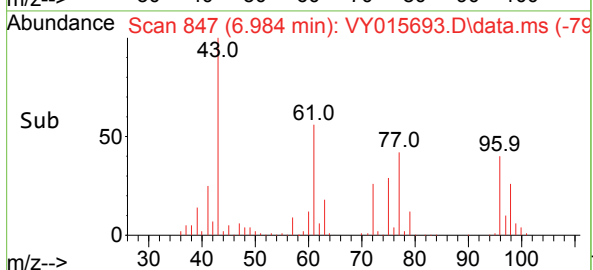
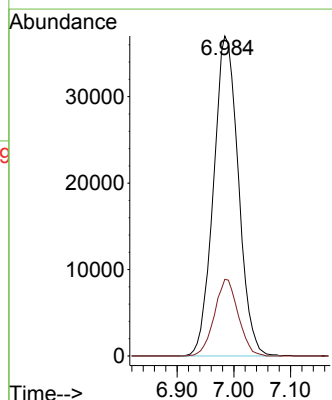
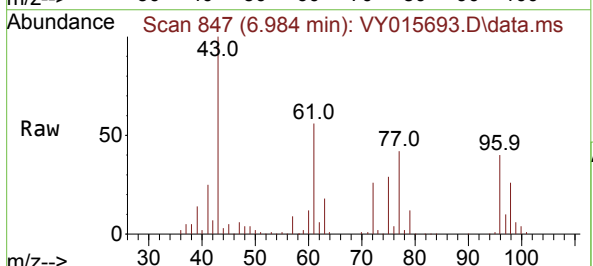
Instrument :
MSVOA_Y
ClientSampleId :

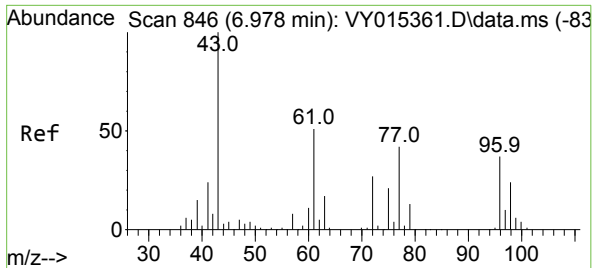
Tgt Ion: 43 Resp: 286301
Ion Ratio Lower Upper
43 100
72 27.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 41.717 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

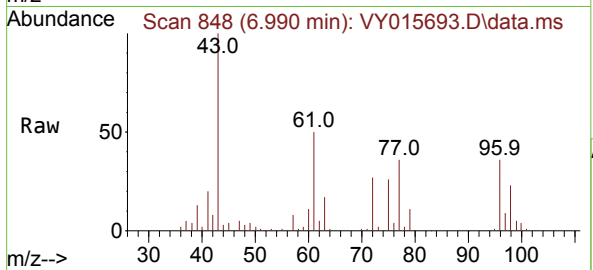
Tgt Ion: 77 Resp: 112732
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9



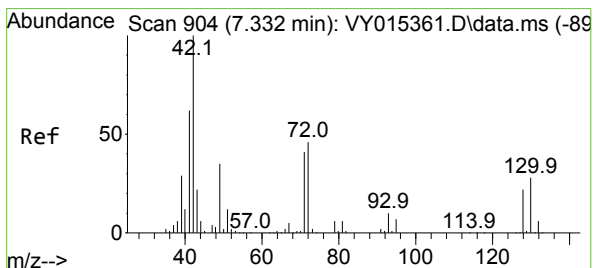
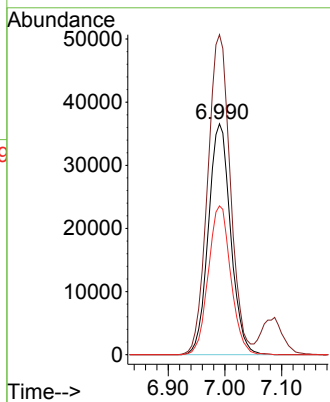
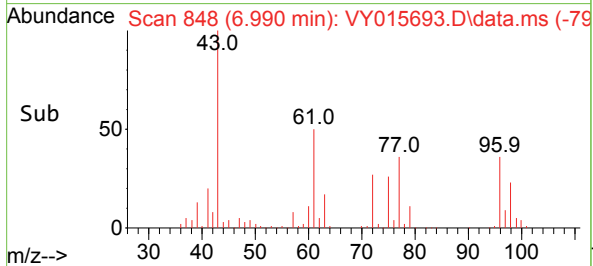


#27
 cis-1,2-Dichloroethene
 Concen: 53.156 ug/l
 RT: 6.990 min Scan# 846
 Delta R.T. 0.012 min
 Lab File: VY015693.D
 Acq: 22 Sep 2023 18:37

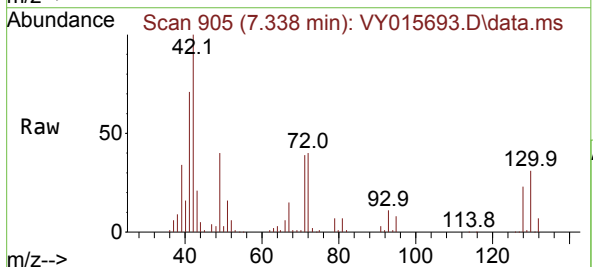
Instrument :
 MSVOA_Y
 ClientSampleId :



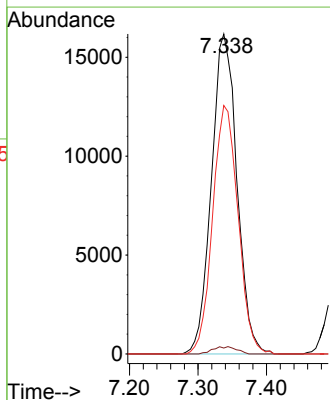
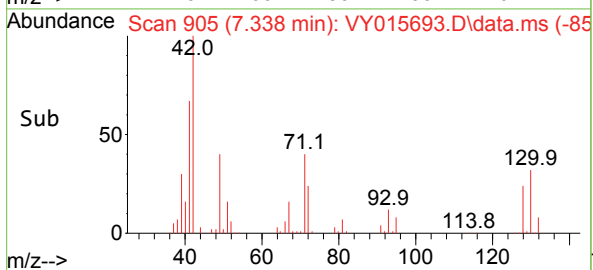
Tgt Ion: 96 Resp: 99434
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 301.4
 98 65.2 0.0 130.4

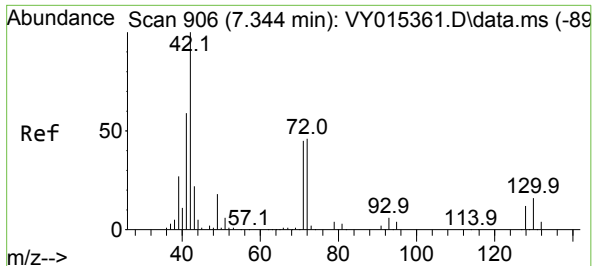


#28
 Bromochloromethane
 Concen: 52.138 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.012 min
 Lab File: VY015693.D
 Acq: 22 Sep 2023 18:37



Tgt Ion: 49 Resp: 41822
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 77.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 289.405 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

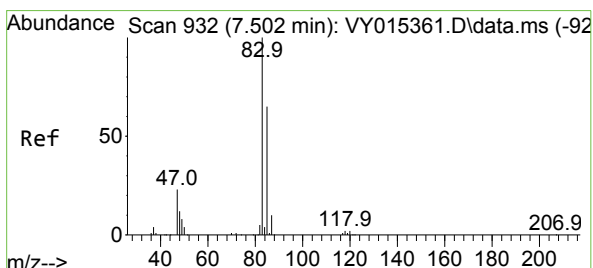
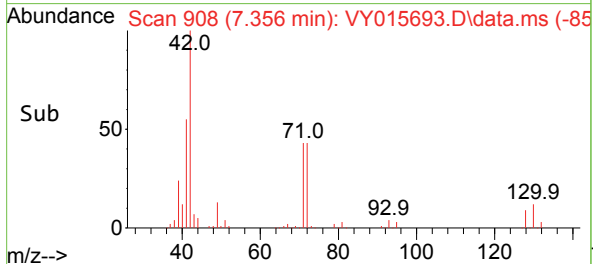
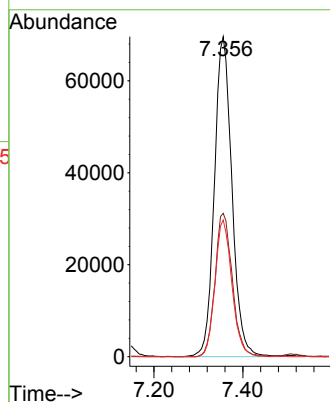
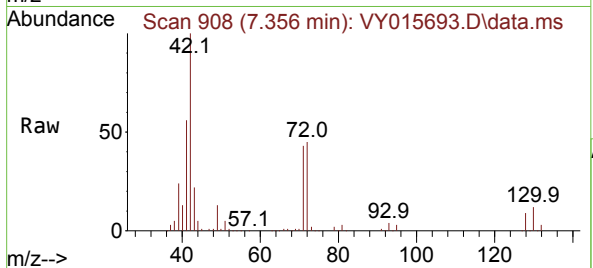
Tgt Ion: 42 Resp: 190764

Ion Ratio Lower Upper

42 100

72 44.3 32.8 49.2

71 41.1 31.0 46.4



#30

Chloroform

Concen: 53.688 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015693.D

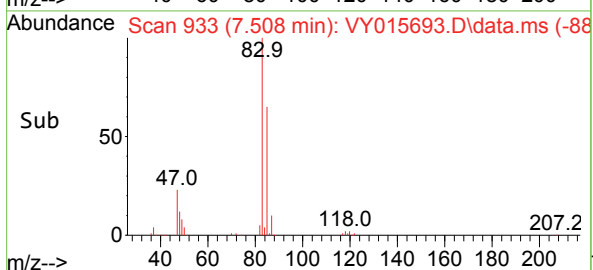
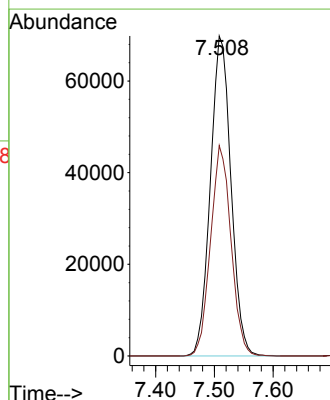
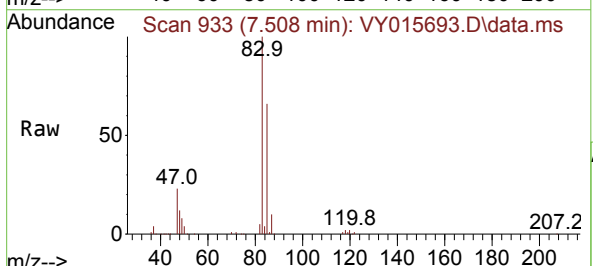
Acq: 22 Sep 2023 18:37

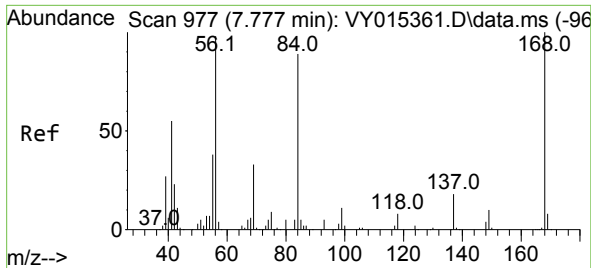
Tgt Ion: 83 Resp: 169989

Ion Ratio Lower Upper

83 100

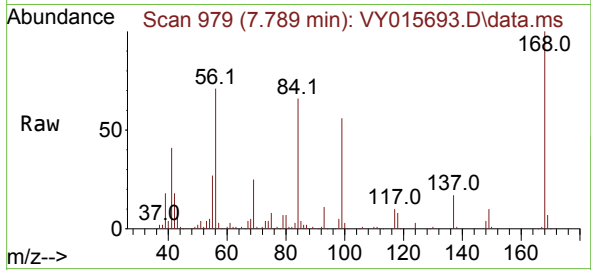
85 65.7 49.7 74.5



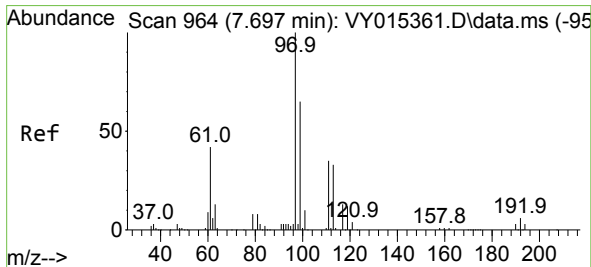
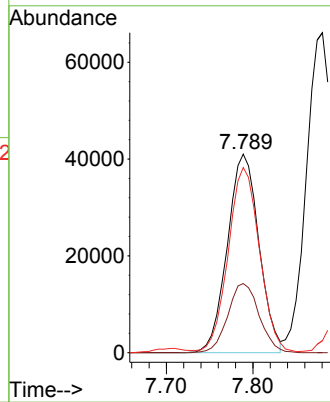
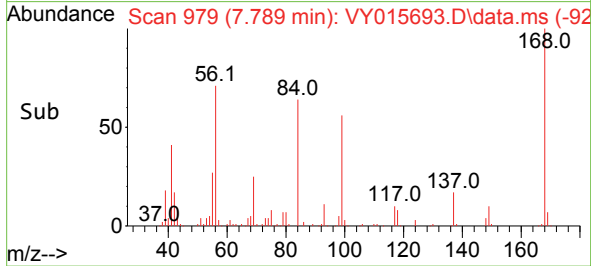


#31
Cyclohexane
Concen: 48.644 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

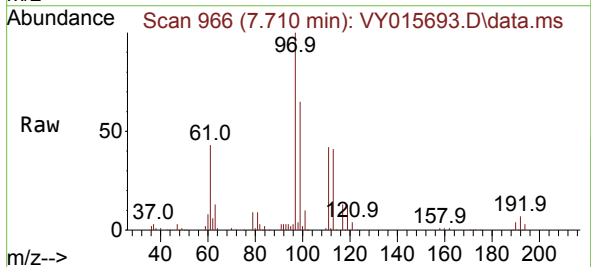
Instrument :
MSVOA_Y
ClientSampleId :



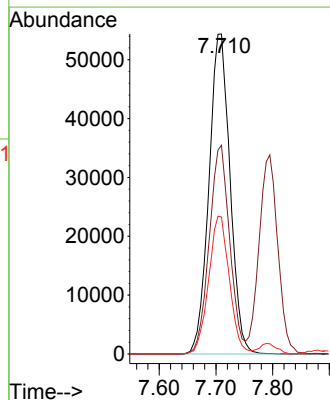
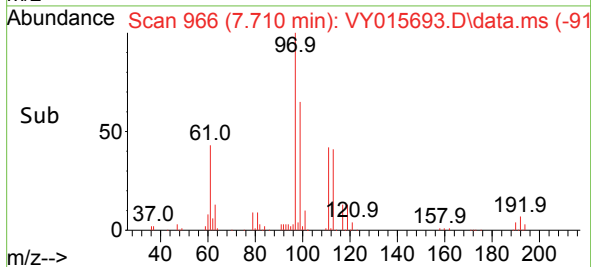
Tgt Ion: 56 Resp: 103894
Ion Ratio Lower Upper
56 100
69 34.8 27.8 41.6
84 91.5 66.4 99.6

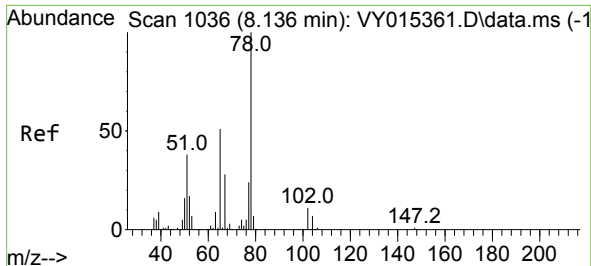


#32
1,1,1-Trichloroethane
Concen: 53.682 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.019 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37



Tgt Ion: 97 Resp: 140315
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 42.4 35.1 52.7

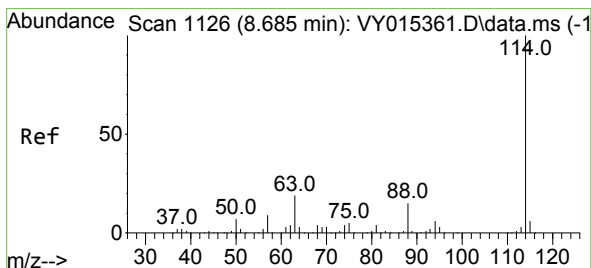
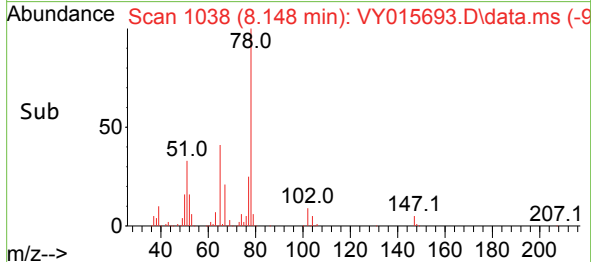
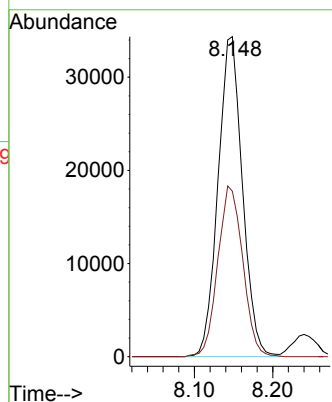
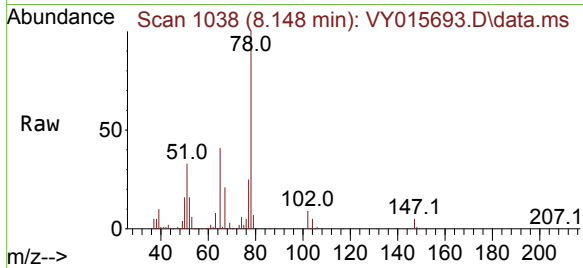




#33
 1,2-Dichloroethane-d4
 Concen: 48.222 ug/l
 RT: 8.148 min Scan# 1036
 Delta R.T. 0.012 min
 Lab File: VY015693.D
 Acq: 22 Sep 2023 18:37

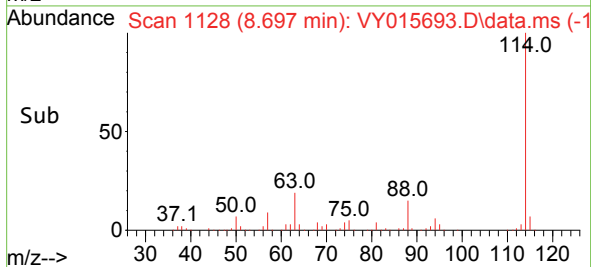
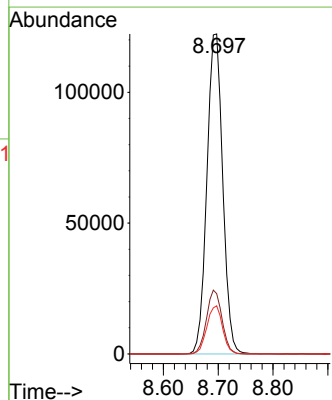
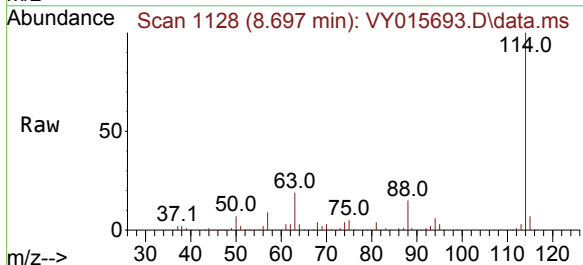
Instrument :
 MSVOA_Y
 ClientSampleId :

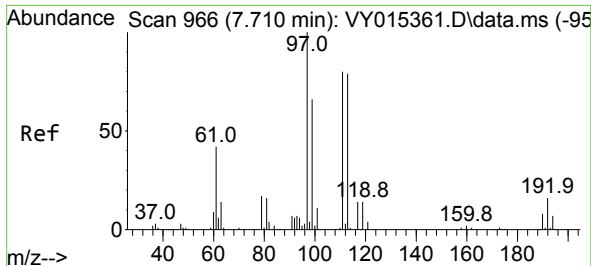
Tgt Ion: 65 Resp: 74347
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015693.D
 Acq: 22 Sep 2023 18:37

Tgt Ion: 114 Resp: 244561
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 15.1 0.0 30.6

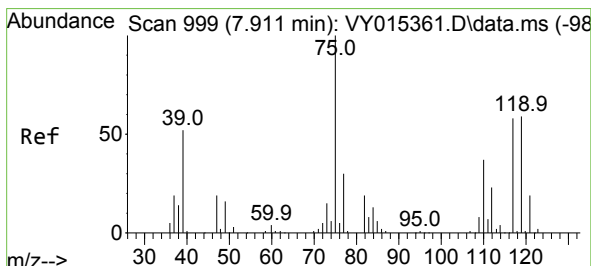
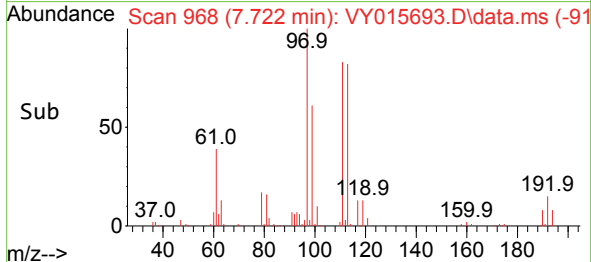
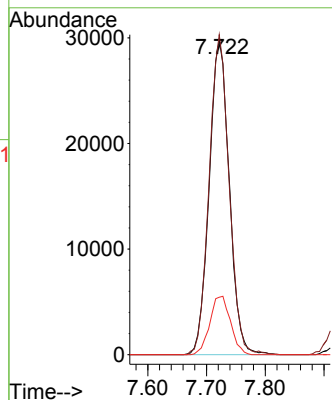
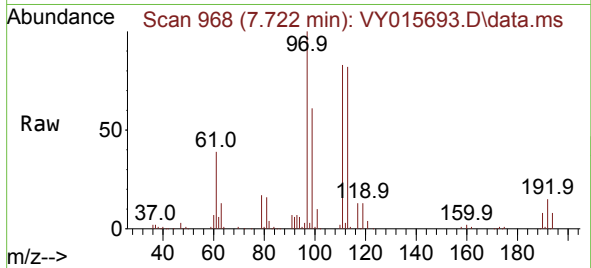




#35
Dibromofluoromethane
Concen: 48.244 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

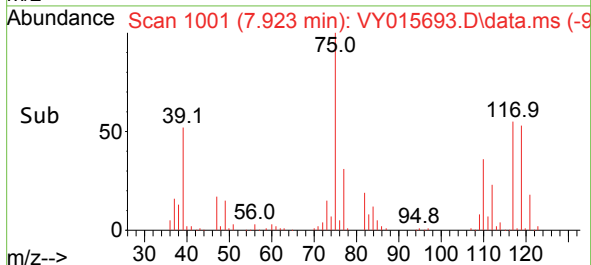
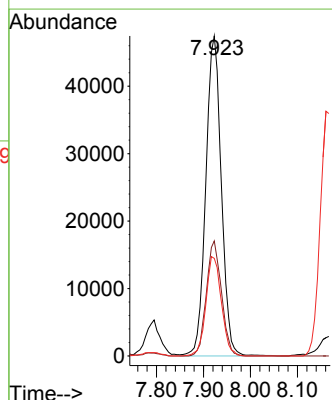
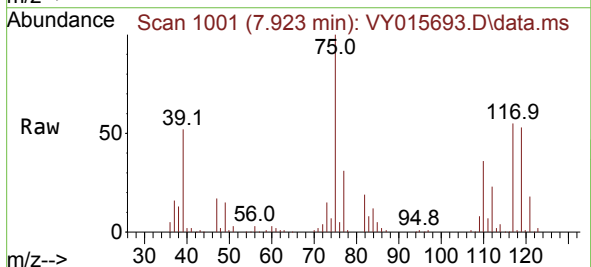
Instrument :
MSVOA_Y
ClientSampleId :

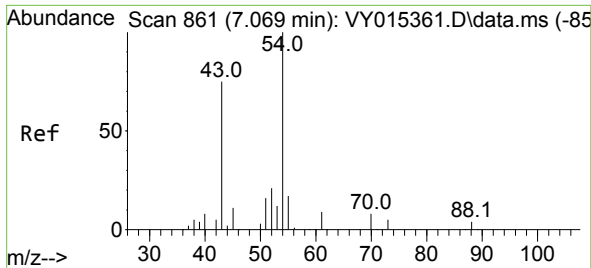
Tgt Ion:113 Resp: 70619
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.083 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion: 75 Resp: 108396
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 53.824 ug/l

RT: 7.082 min Scan# 861

Delta R.T. 0.019 min

Lab File: VY015693.D

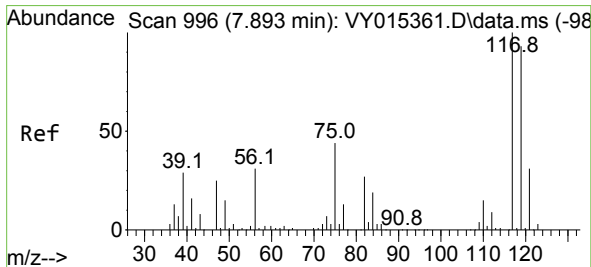
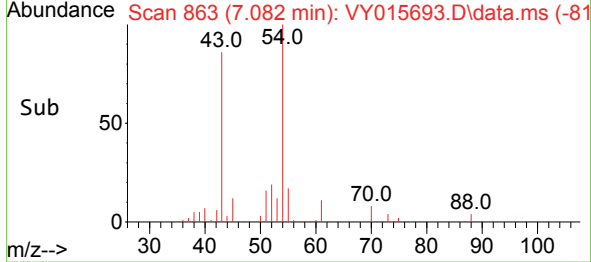
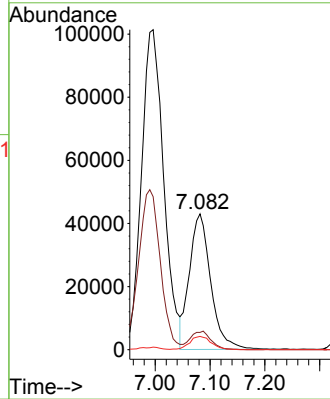
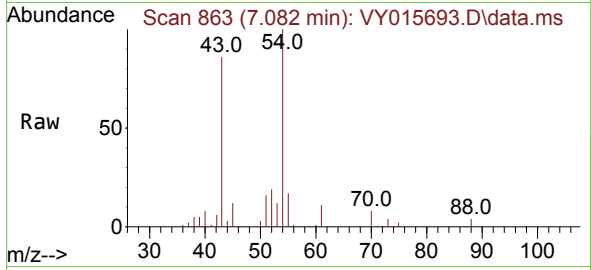
Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 116196
Ion Ratio	Lower Upper
43	100
61	13.7 10.1 15.1
70	10.0 7.1 10.7



#38

Carbon Tetrachloride

Concen: 50.779 ug/l

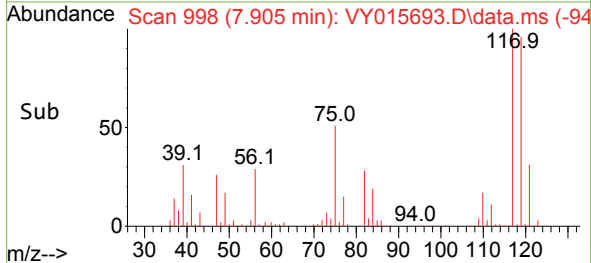
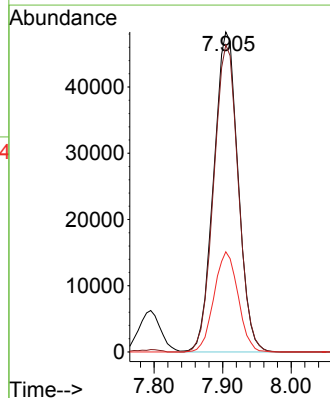
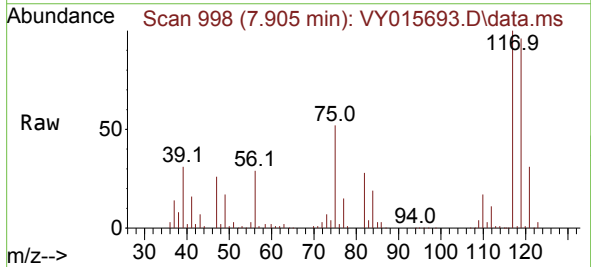
RT: 7.905 min Scan# 998

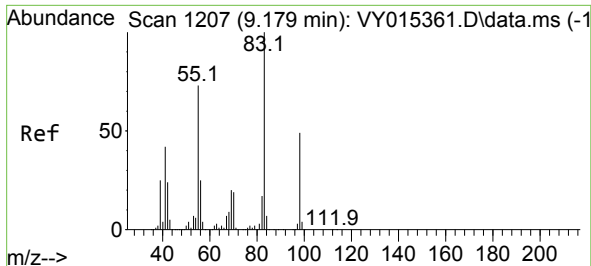
Delta R.T. 0.012 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Tgt Ion: 117	Resp: 119294
Ion Ratio	Lower Upper
117	100
119	96.0 76.4 114.6
121	31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 49.177 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

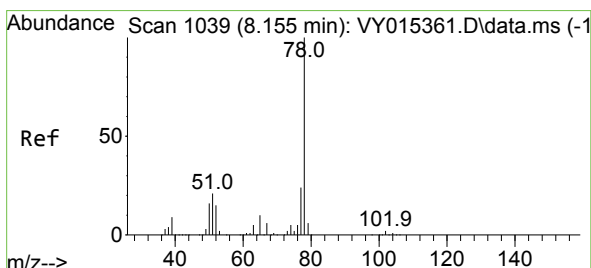
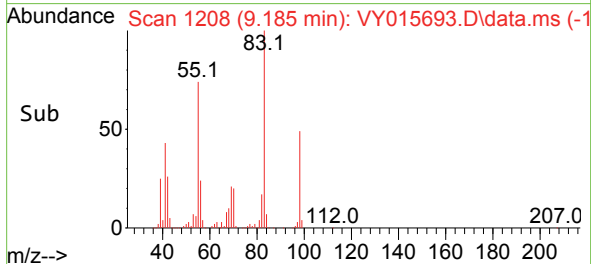
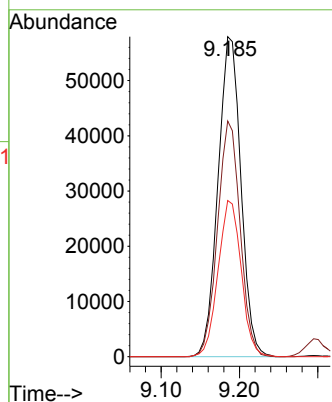
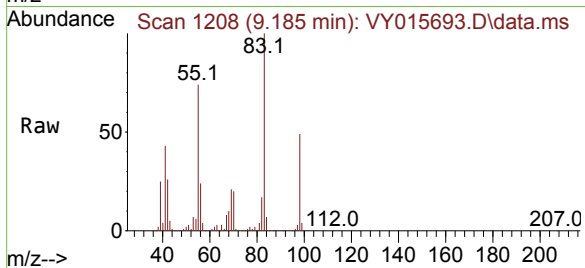
Tgt Ion: 83 Resp: 117723

Ion Ratio Lower Upper

83 100

55 73.7 63.0 94.4

98 48.8 37.4 56.2



#40

Benzene

Concen: 51.257 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015693.D

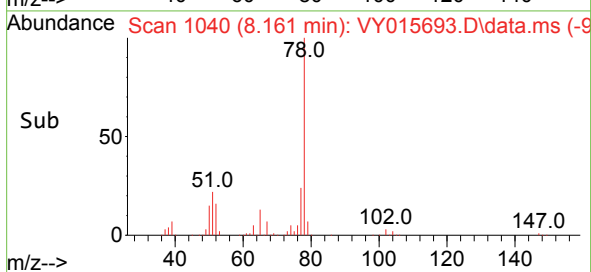
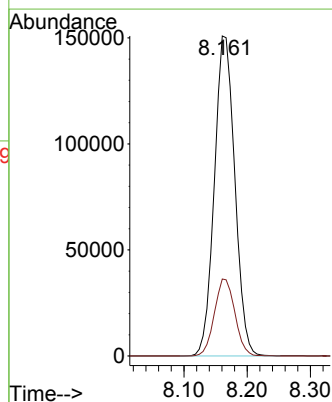
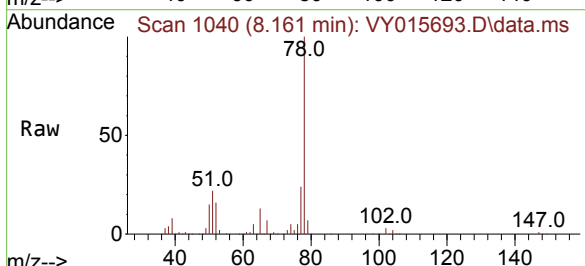
Acq: 22 Sep 2023 18:37

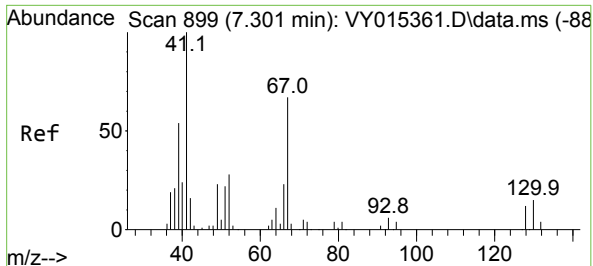
Tgt Ion: 78 Resp: 338308

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

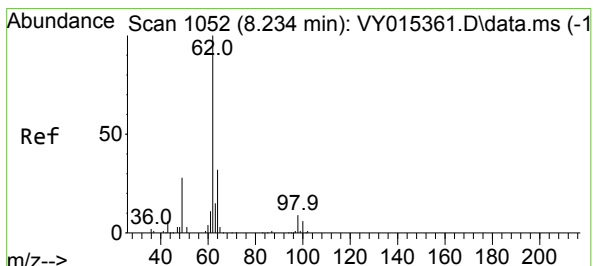
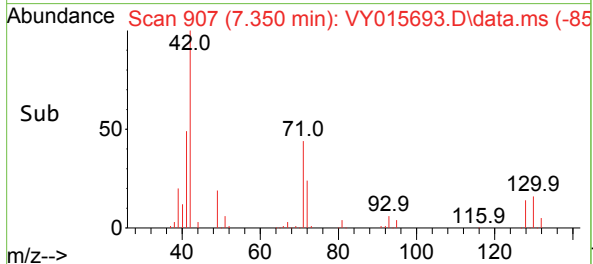
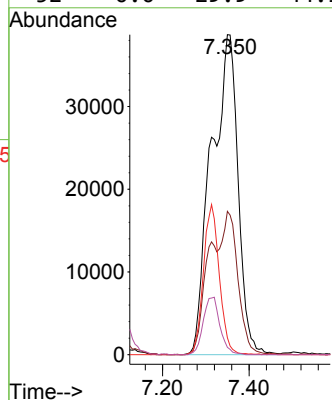
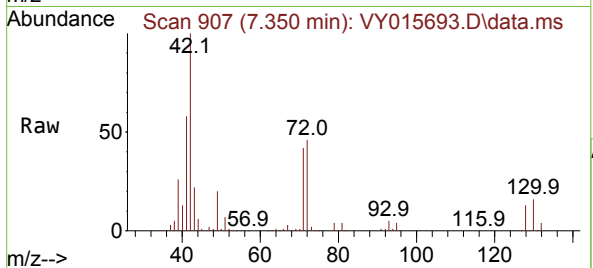




#41
Methacrylonitrile
Concen: 142.160 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.037 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

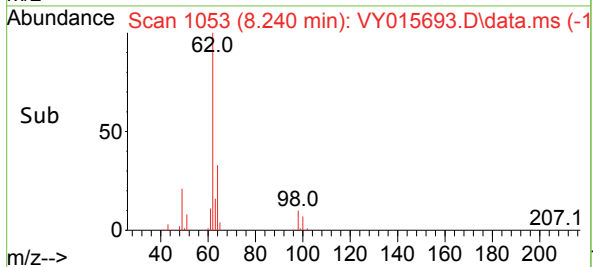
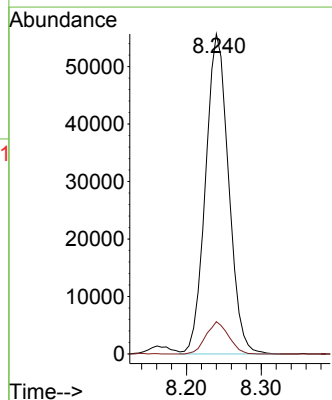
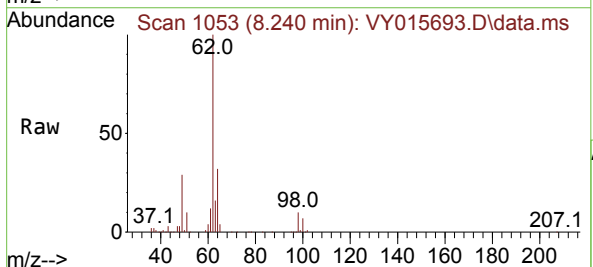
Instrument :
MSVOA_Y
ClientSampleId :

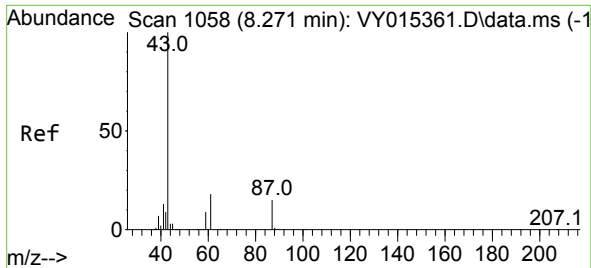
Tgt Ion: 41 Resp: 165246
Ion Ratio Lower Upper
41 100
39 26.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.747 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

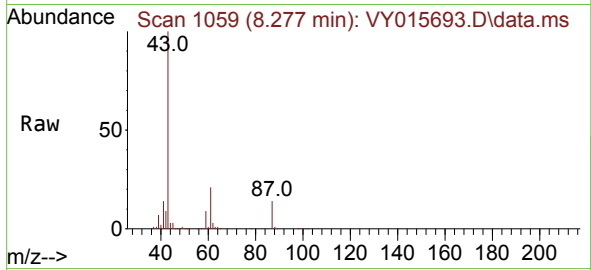
Tgt Ion: 62 Resp: 119232
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8



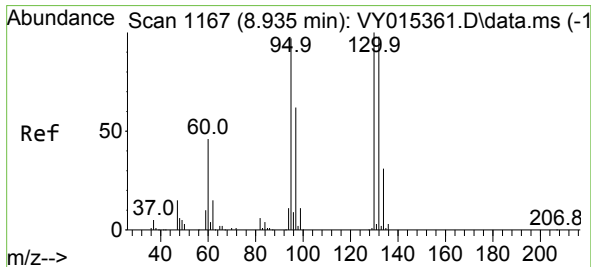
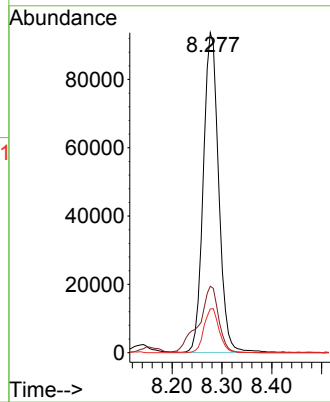
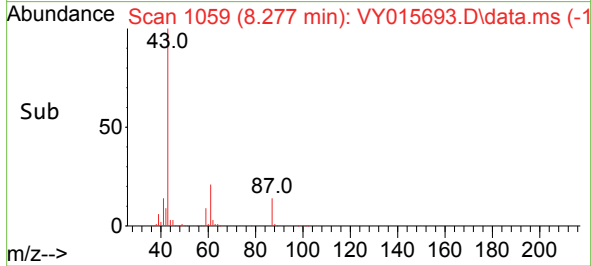


#43
Isopropyl Acetate
Concen: 54.326 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.013 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Instrument :
MSVOA_Y
ClientSampleId :

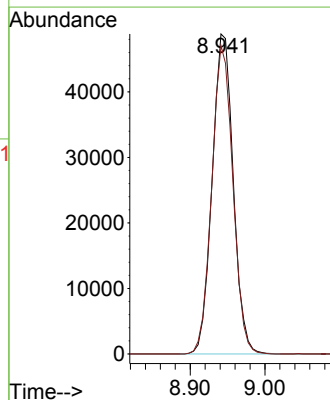
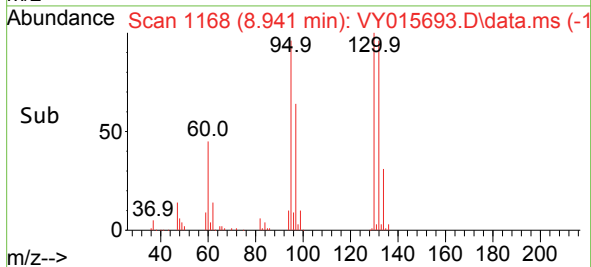
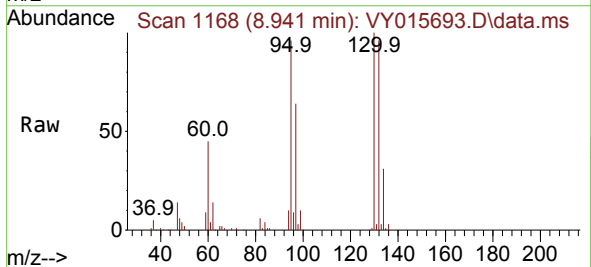


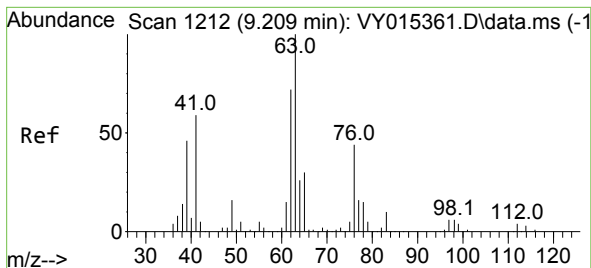
Tgt Ion: 43 Resp: 200336
Ion Ratio Lower Upper
43 100
61 26.7 21.1 31.7
87 13.6 9.8 14.8



#44
Trichloroethene
Concen: 51.912 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion:130 Resp: 95697
Ion Ratio Lower Upper
130 100
95 96.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.137 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

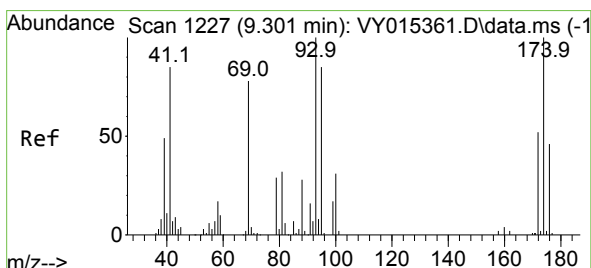
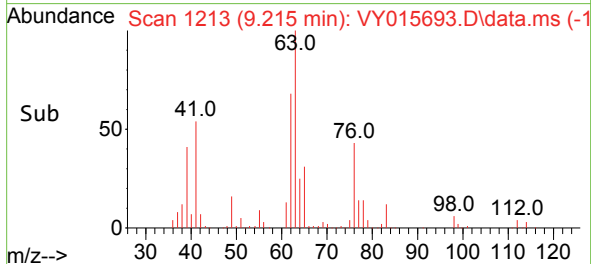
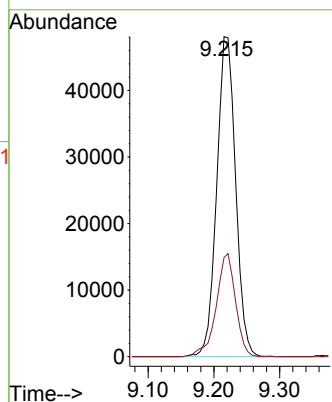
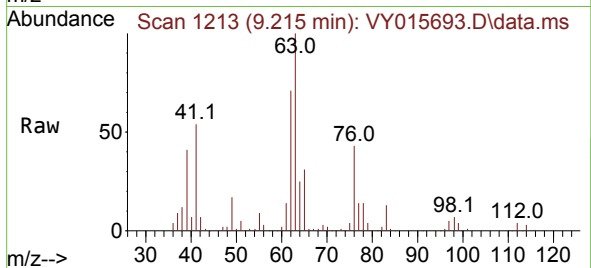
ClientSampleId :

Tgt Ion: 63 Resp: 95964

Ion Ratio Lower Upper

63 100

65 31.0 23.8 35.6



#46

Dibromomethane

Concen: 53.515 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

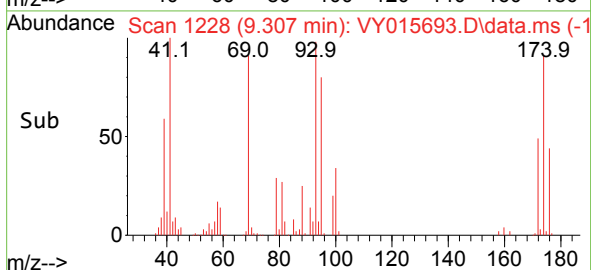
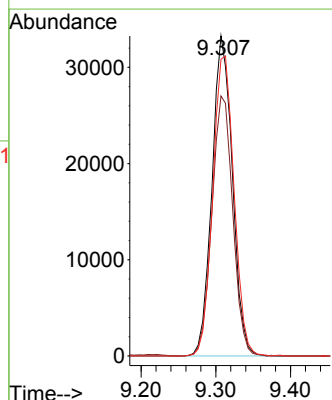
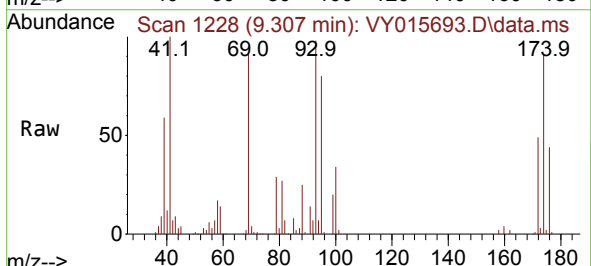
Tgt Ion: 93 Resp: 63008

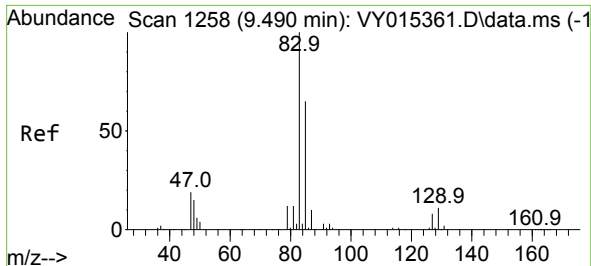
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 97.8 84.8 127.2

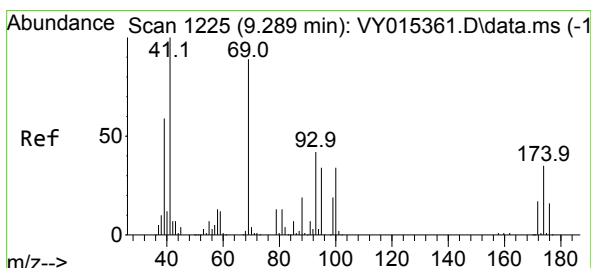
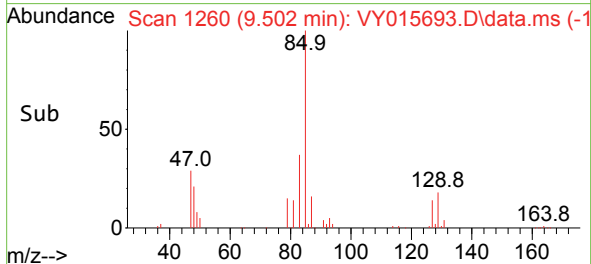
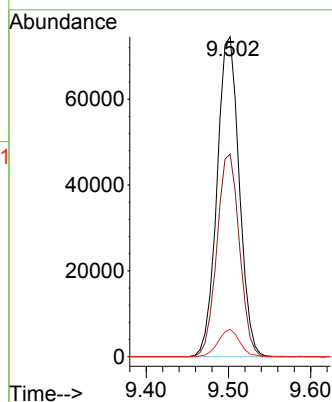
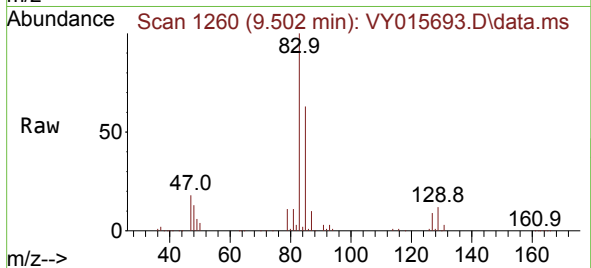




#47
Bromodichloromethane
Concen: 53.285 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

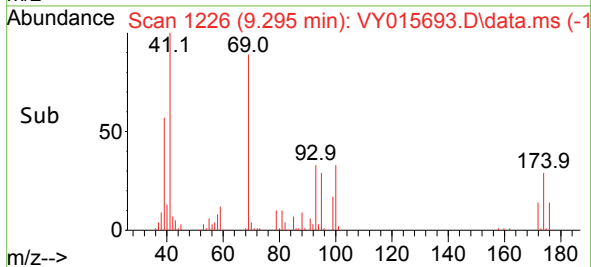
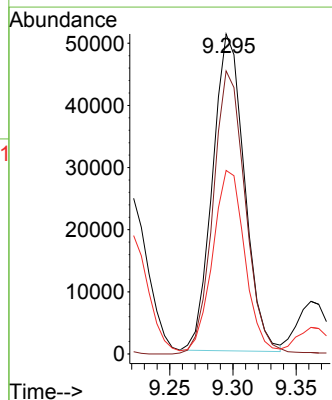
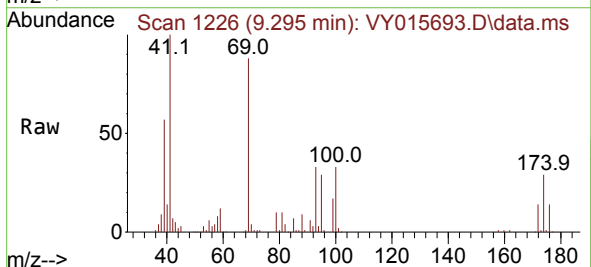
Instrument :
MSVOA_Y
ClientSampleId :

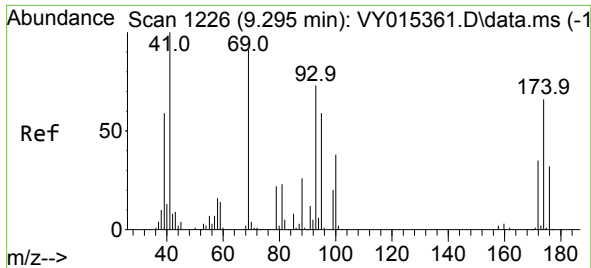
Tgt Ion: 83 Resp: 139837
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 55.209 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion: 41 Resp: 89363
Ion Ratio Lower Upper
41 100
69 90.5 64.5 96.7
39 58.9 50.8 76.2





#49

1,4-Dioxane

Concen: 1129.662 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.024 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

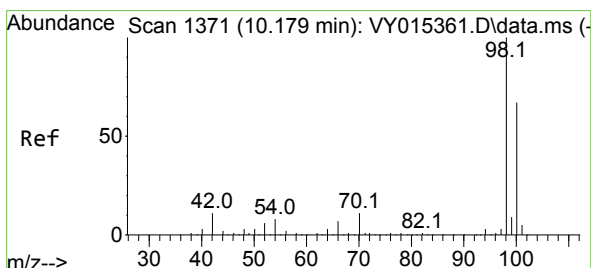
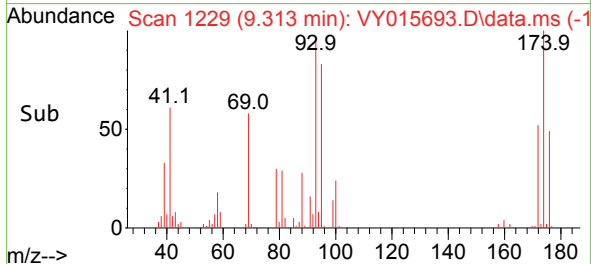
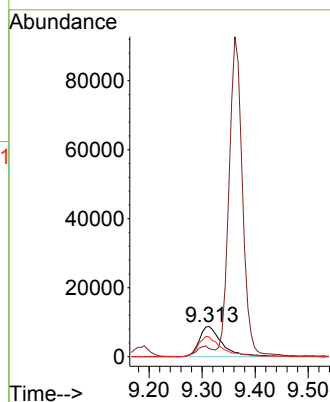
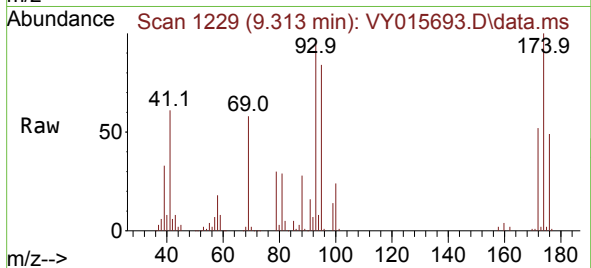
Tgt Ion: 88 Resp: 26276

Ion Ratio Lower Upper

88 100

43 25.4 0.0 0.0#

58 68.1 30.9 46.3#



#50

Toluene-d8

Concen: 44.718 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015693.D

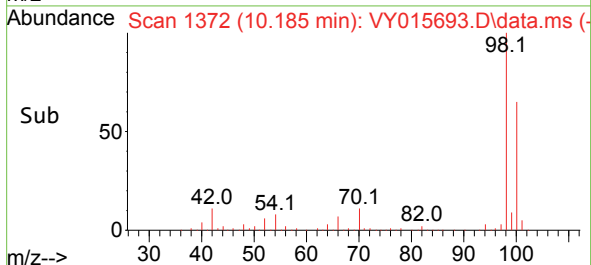
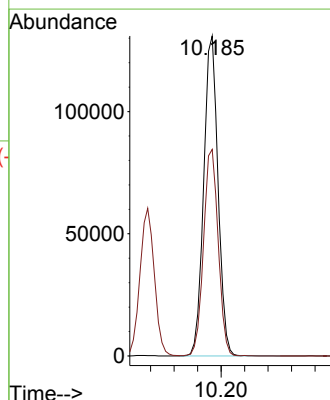
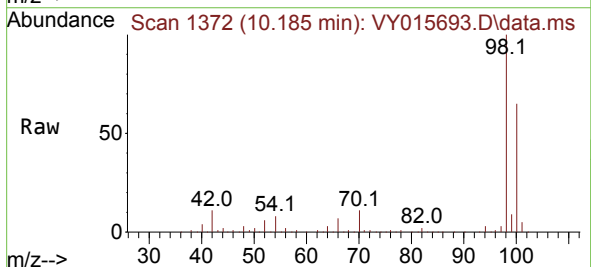
Acq: 22 Sep 2023 18:37

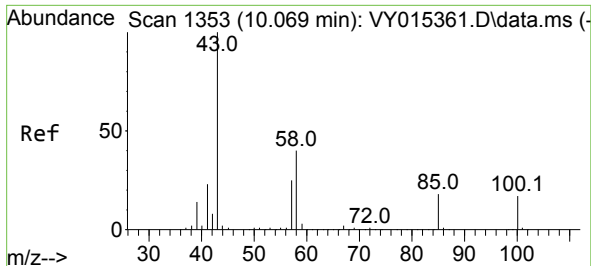
Tgt Ion: 98 Resp: 221940

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 278.837 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

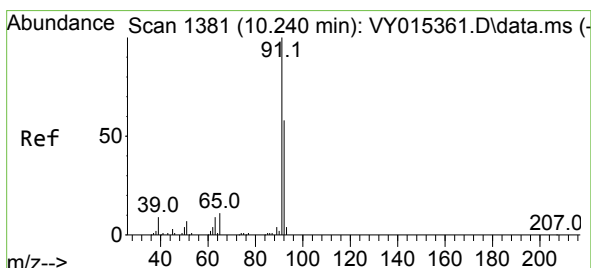
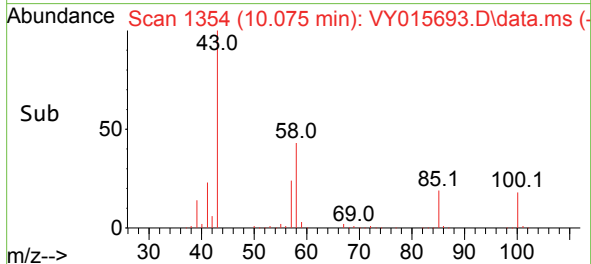
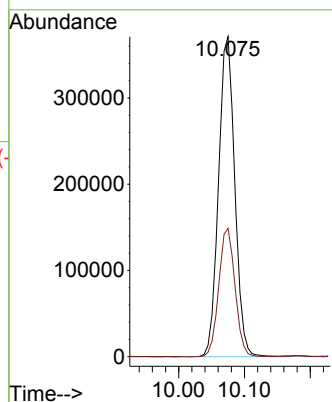
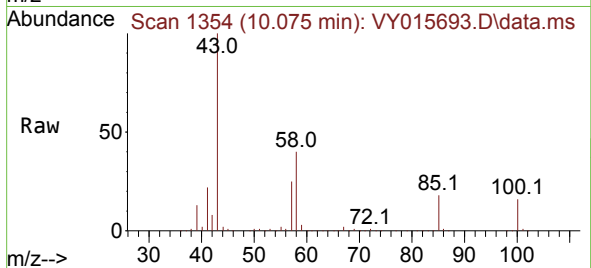
ClientSampleId :

Tgt Ion: 43 Resp: 637331

Ion Ratio Lower Upper

43 100

58 40.2 29.0 43.6



#52

Toluene

Concen: 51.556 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY015693.D

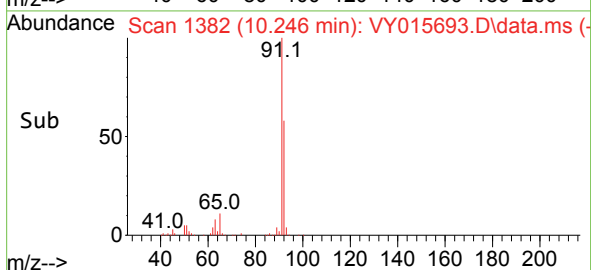
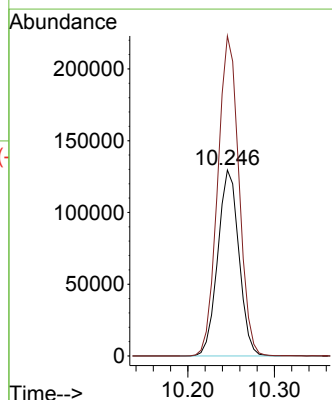
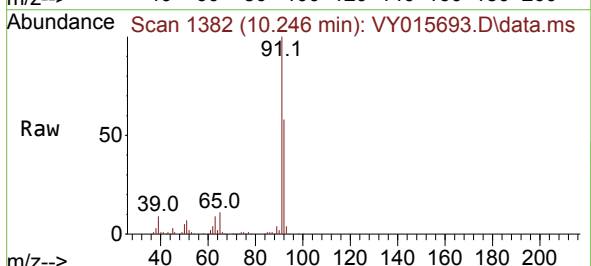
Acq: 22 Sep 2023 18:37

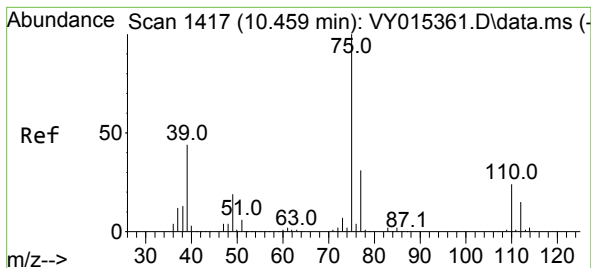
Tgt Ion: 92 Resp: 219373

Ion Ratio Lower Upper

92 100

91 173.3 143.8 215.6

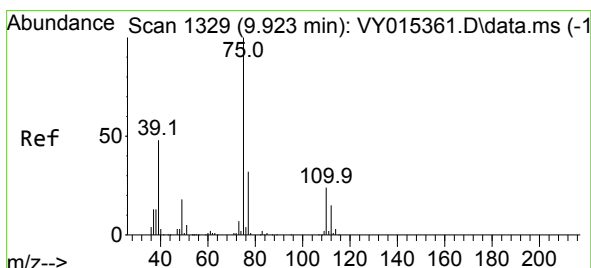
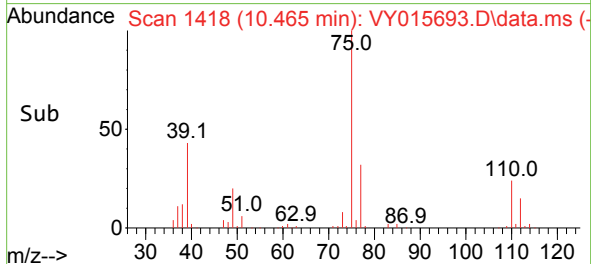
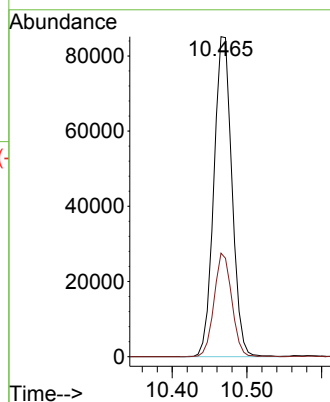
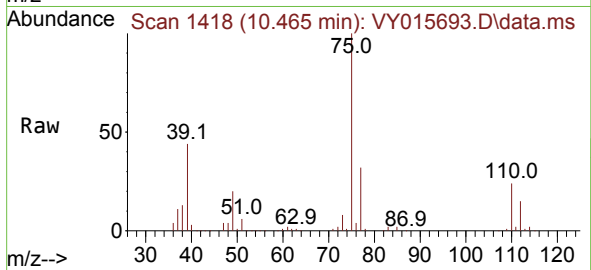




#53
 t-1,3-Dichloropropene
 Concen: 50.965 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015693.D
 Acq: 22 Sep 2023 18:37

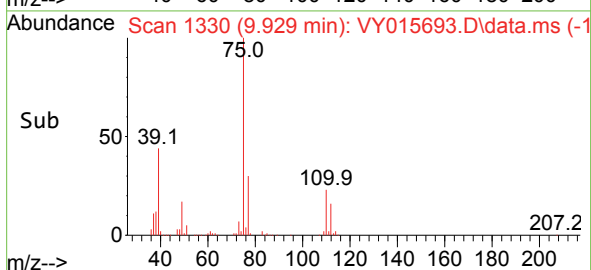
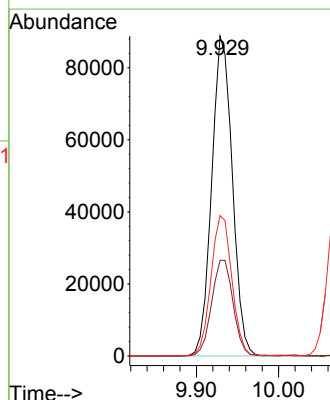
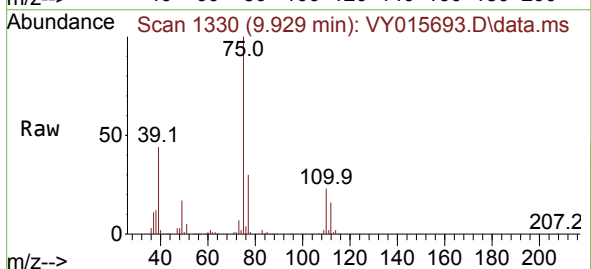
Instrument :
 MSVOA_Y
 ClientSampleId :

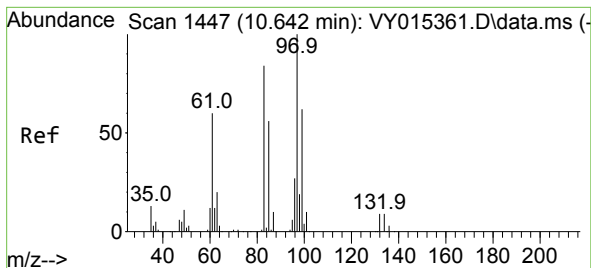
Tgt Ion: 75 Resp: 143428
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.133 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015693.D
 Acq: 22 Sep 2023 18:37

Tgt Ion: 75 Resp: 154899
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.2 36.4
 39 43.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 53.406 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 92147

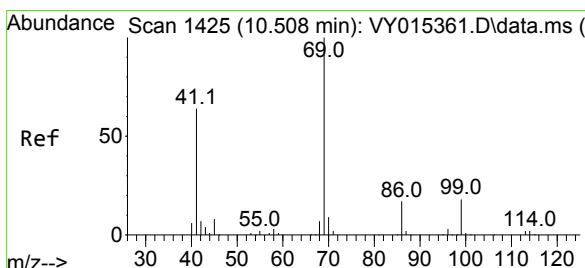
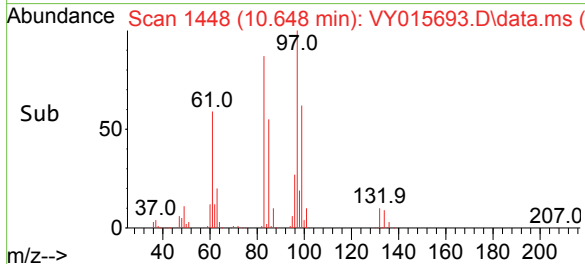
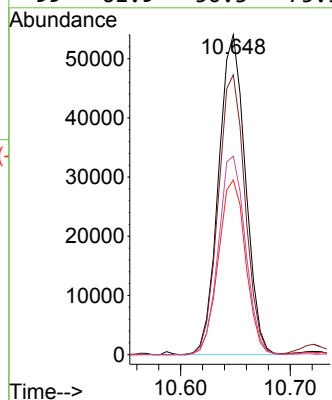
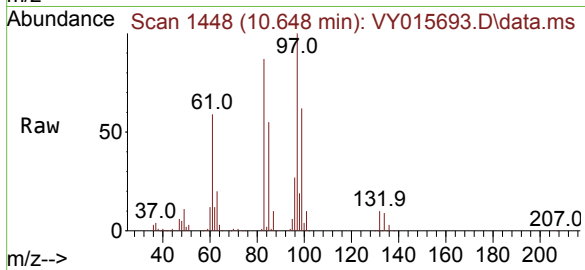
Ion Ratio Lower Upper

97 100

83 87.5 72.0 108.0

85 54.6 45.4 68.0

99 61.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 55.748 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

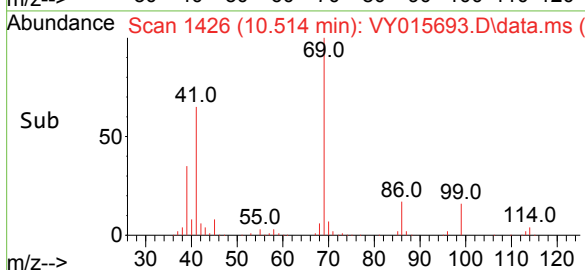
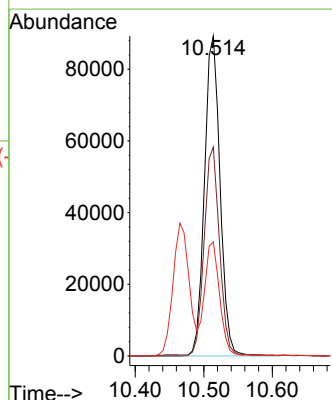
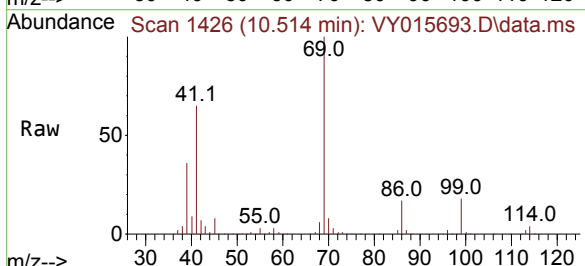
Tgt Ion: 69 Resp: 141753

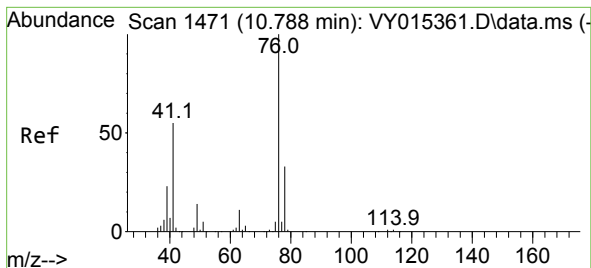
Ion Ratio Lower Upper

69 100

41 63.4 57.6 86.4

39 34.4 34.1 51.1





#57

1,3-Dichloropropane

Concen: 53.695 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

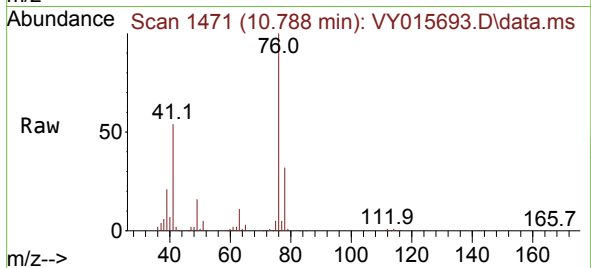
Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

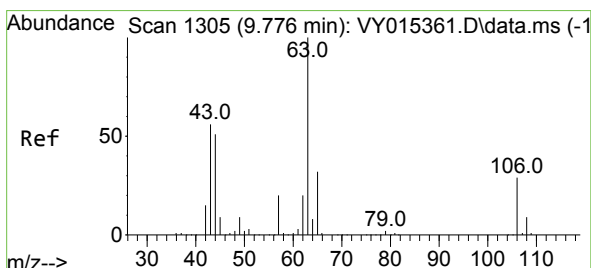
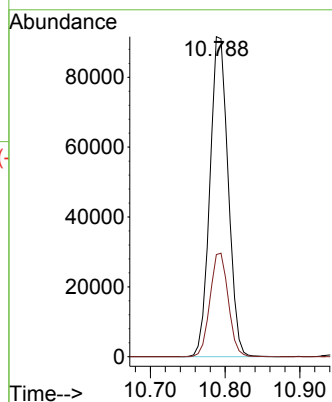
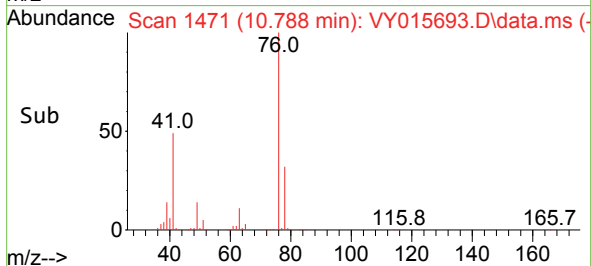


Tgt Ion: 76 Resp: 155364

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 261.848 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015693.D

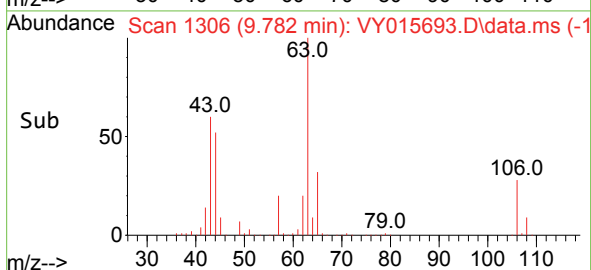
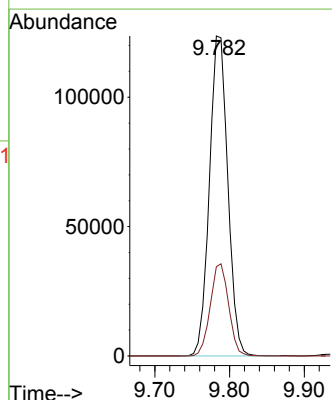
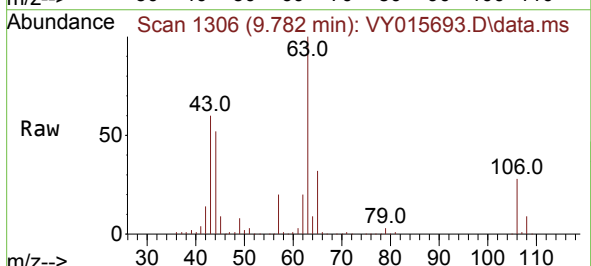
Acq: 22 Sep 2023 18:37

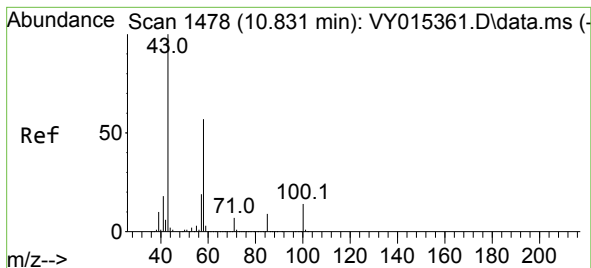
Tgt Ion: 63 Resp: 211489

Ion Ratio Lower Upper

63 100

106 28.6 21.2 31.8

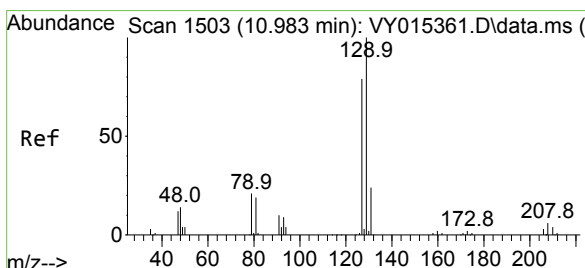
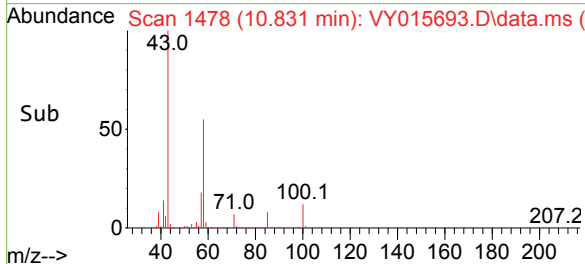
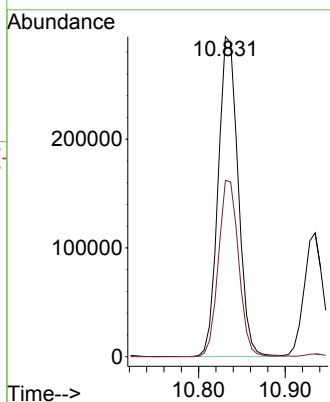
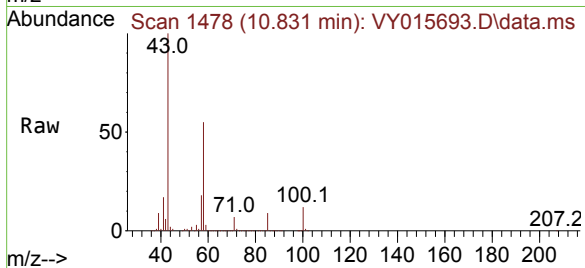




#59
2-Hexanone
Concen: 268.176 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

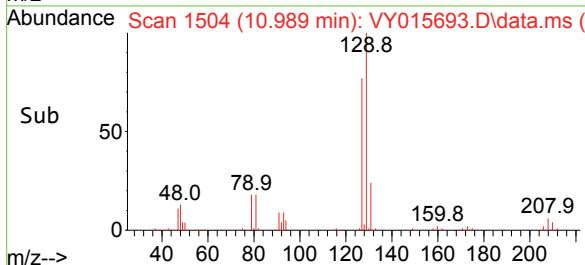
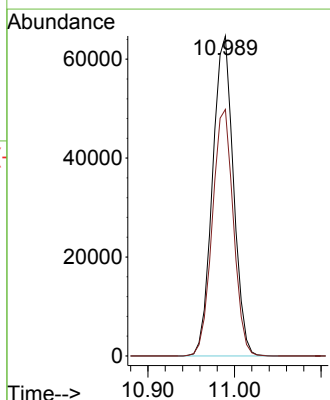
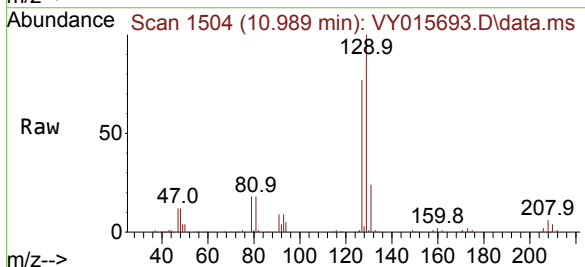
Instrument :
MSVOA_Y
ClientSampleId :

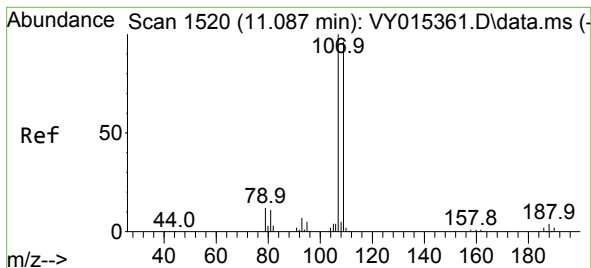
Tgt Ion: 43 Resp: 470272
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3



#60
Dibromochloromethane
Concen: 53.823 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion:129 Resp: 108406
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.565 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

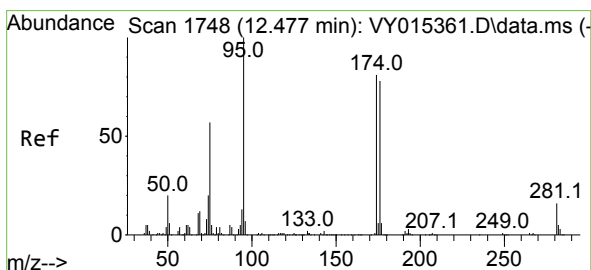
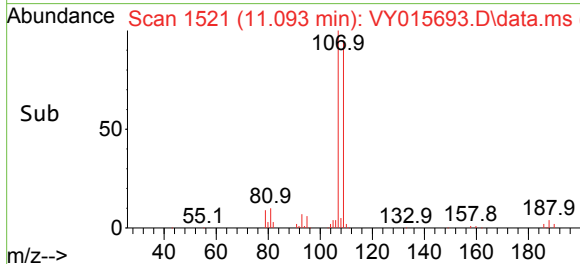
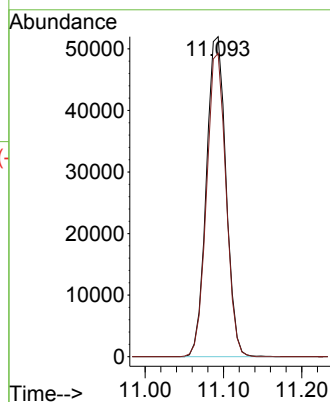
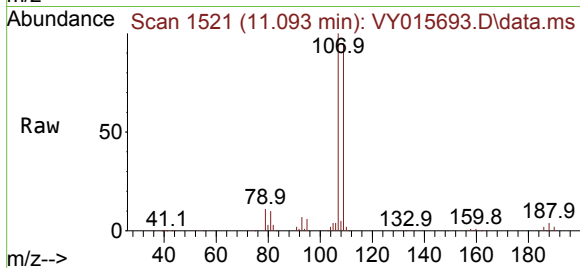
ClientSampleId :

Tgt Ion:107 Resp: 90417

Ion Ratio Lower Upper

107 100

109 93.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 46.461 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

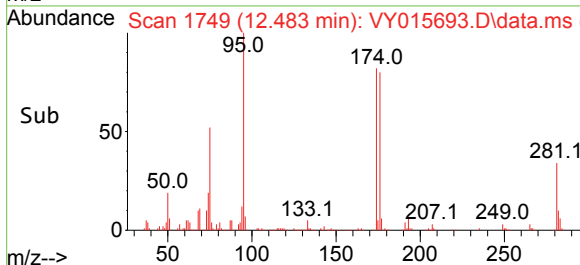
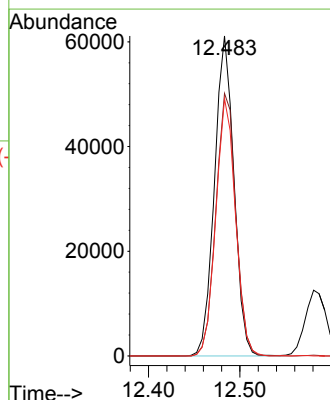
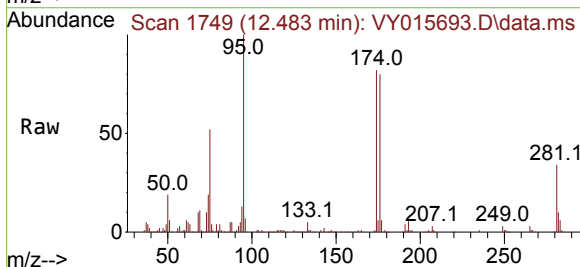
Tgt Ion: 95 Resp: 90492

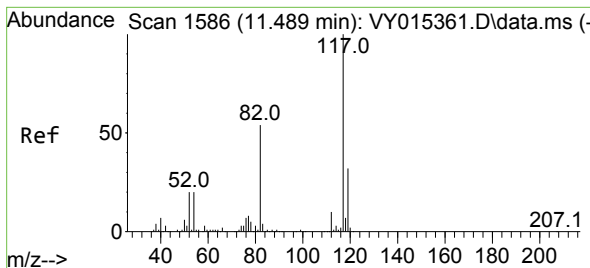
Ion Ratio Lower Upper

95 100

174 84.2 0.0 178.2

176 81.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

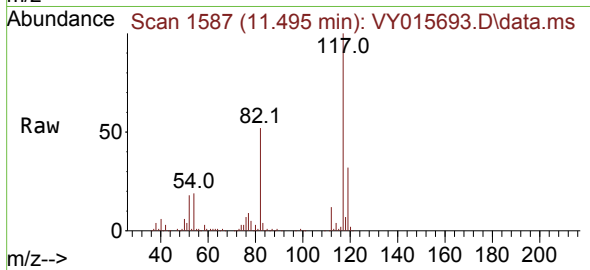
Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :



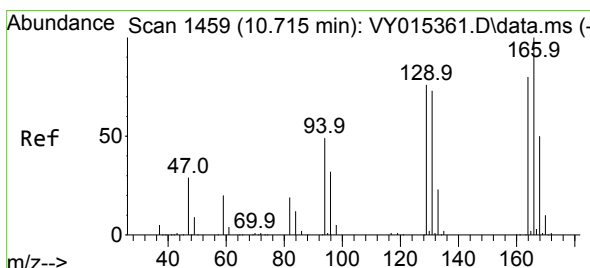
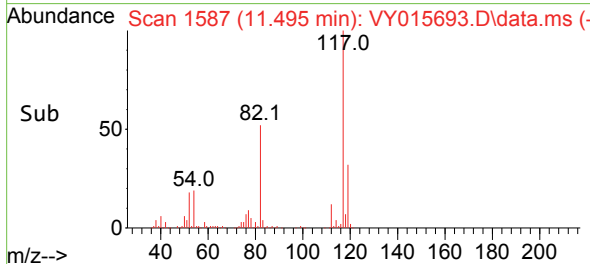
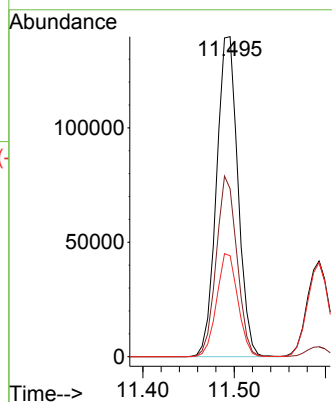
Tgt Ion:117 Resp: 227885

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 55.841 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Tgt Ion:164 Resp: 109180

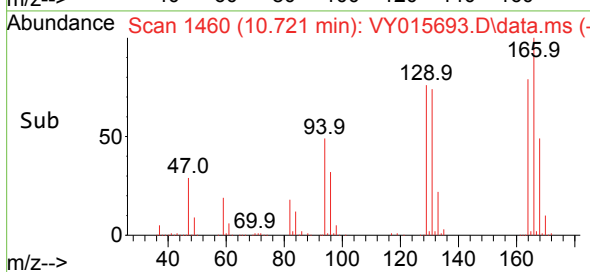
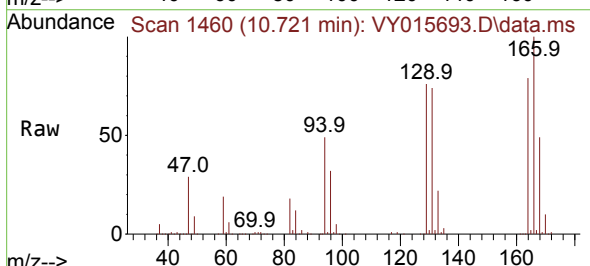
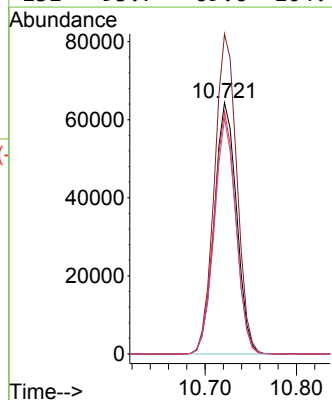
Ion Ratio Lower Upper

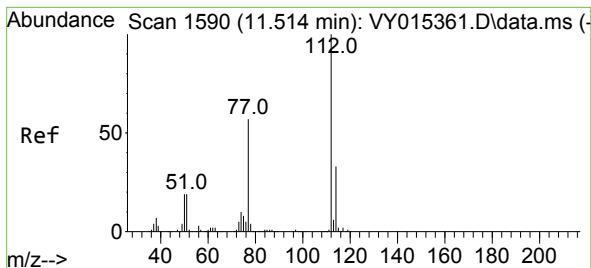
164 100

166 127.3 103.0 154.6

129 96.4 77.2 115.8

131 93.7 69.6 104.4





#65

Chlorobenzene

Concen: 50.680 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

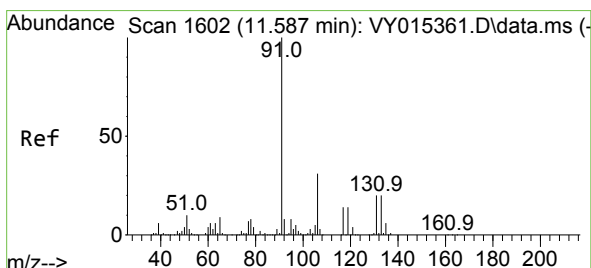
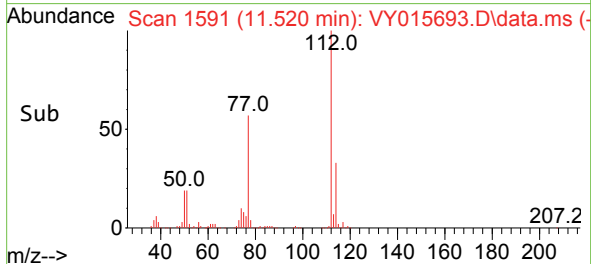
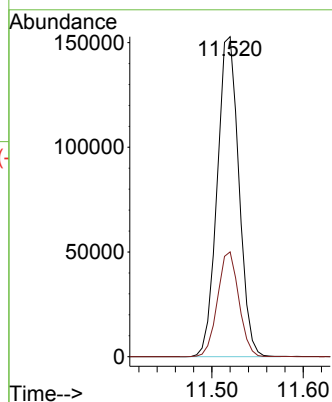
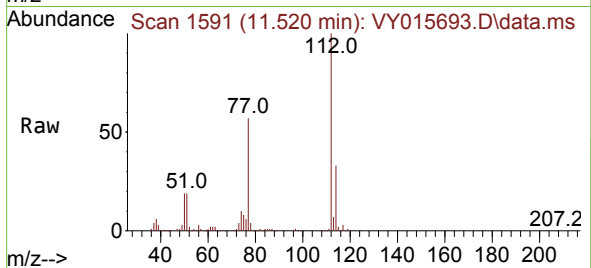
ClientSampleId :

Tgt Ion:112 Resp: 252098

Ion Ratio Lower Upper

112 100

114 32.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.238 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

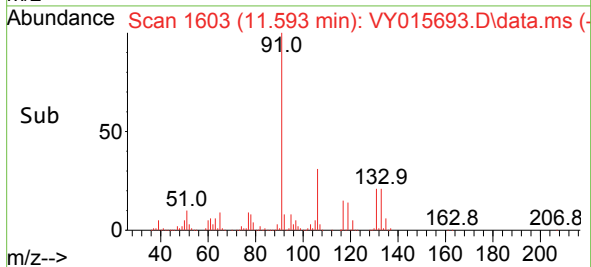
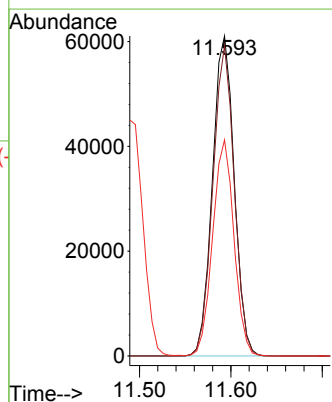
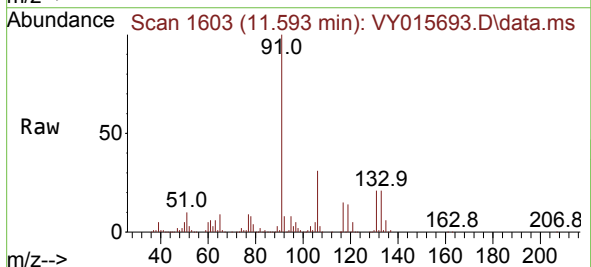
Tgt Ion:131 Resp: 100935

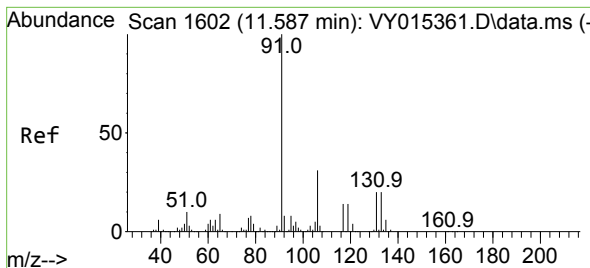
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.6

119 66.2 31.6 94.7





#67

Ethyl Benzene

Concen: 50.694 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

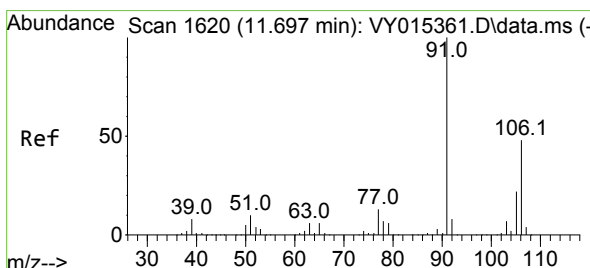
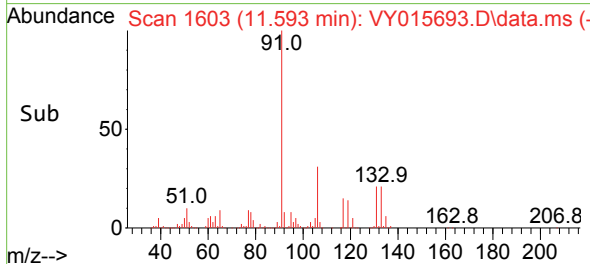
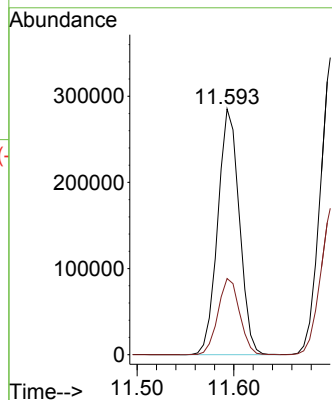
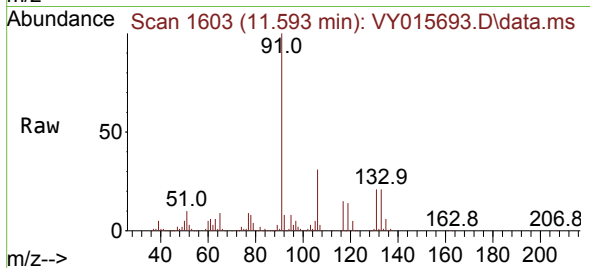
ClientSampleId :

Tgt Ion: 91 Resp: 440752

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 101.206 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015693.D

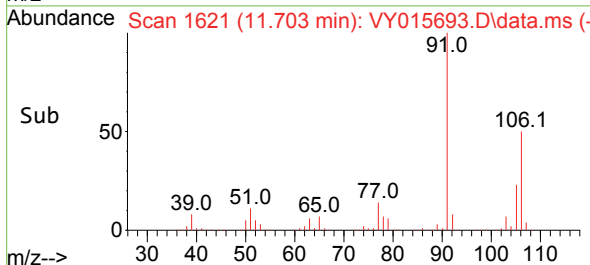
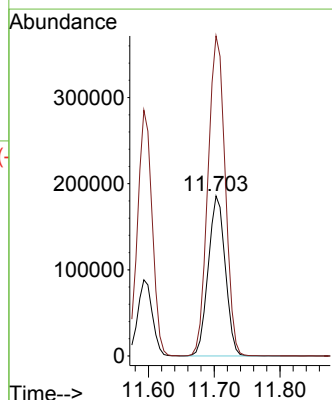
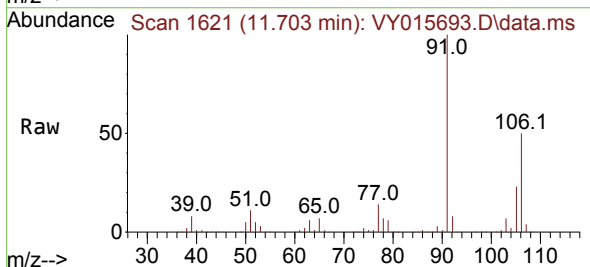
Acq: 22 Sep 2023 18:37

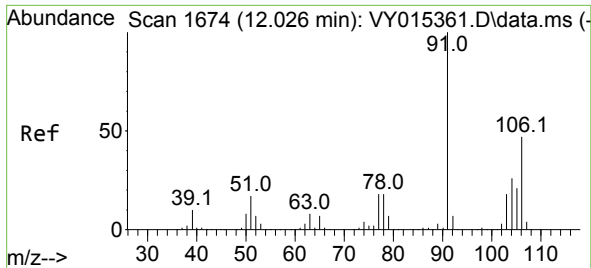
Tgt Ion:106 Resp: 334451

Ion Ratio Lower Upper

106 100

91 202.5 166.1 249.1

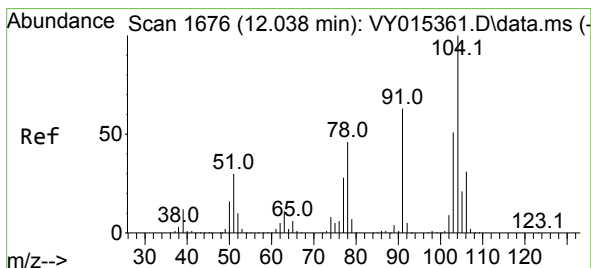
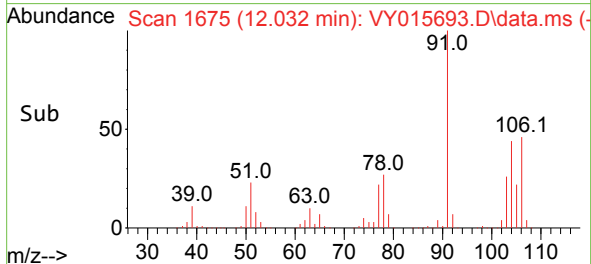
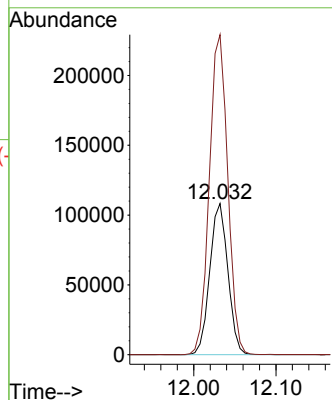
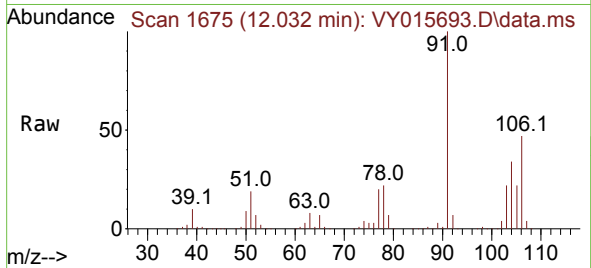




#69
o-Xylene
Concen: 51.111 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

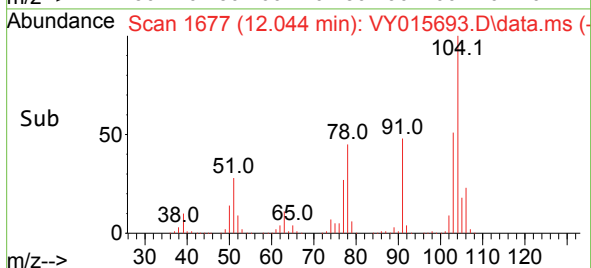
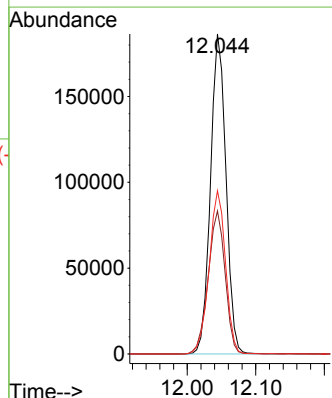
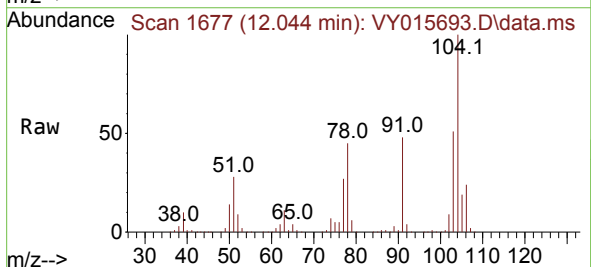
Instrument :
MSVOA_Y
ClientSampleId :

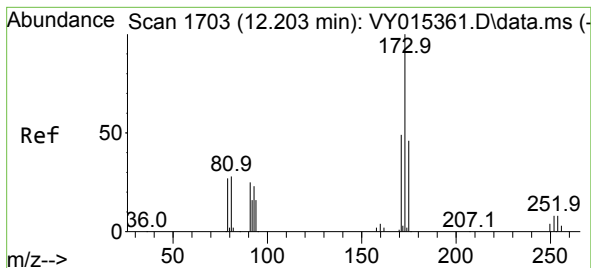
Tgt Ion:106 Resp: 165624
Ion Ratio Lower Upper
106 100
91 215.2 108.1 324.3



#70
Styrene
Concen: 52.885 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion:104 Resp: 293340
Ion Ratio Lower Upper
104 100
78 48.9 41.5 62.3
103 54.2 44.6 67.0





#71

Bromoform

Concen: 54.545 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015693.D

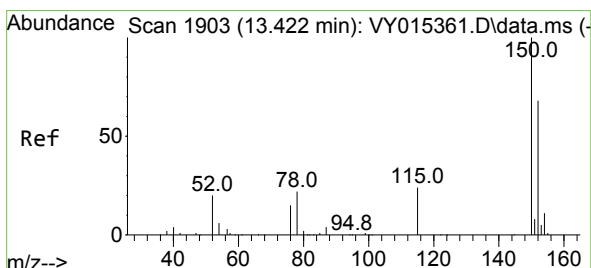
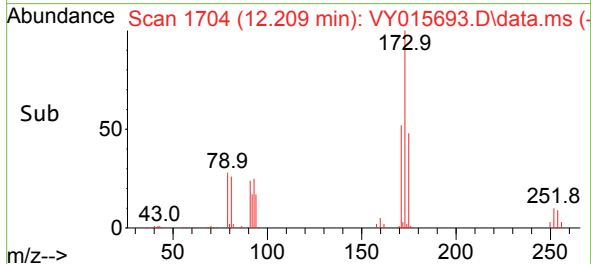
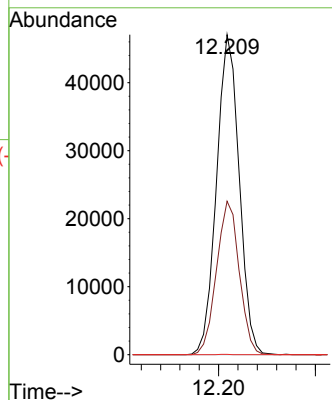
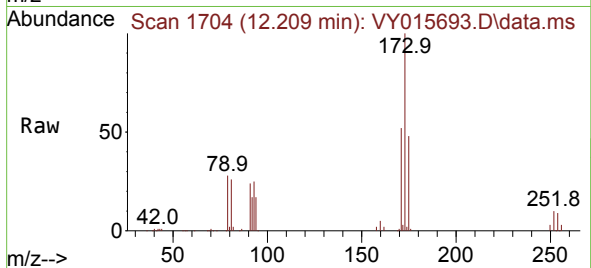
Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	76373
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.6 73.8
254	0.1	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

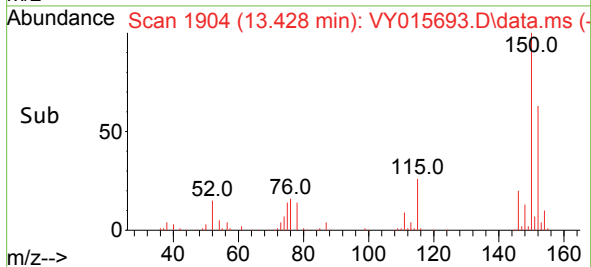
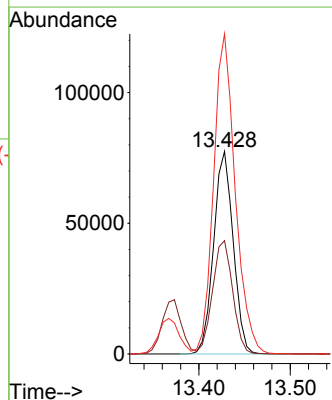
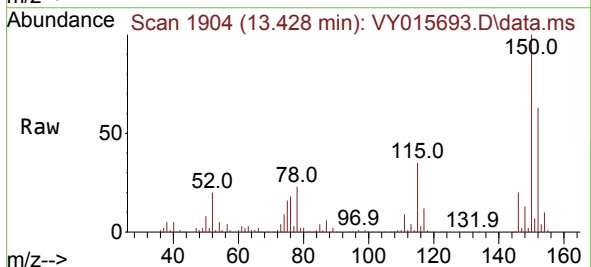
RT: 13.428 min Scan# 1904

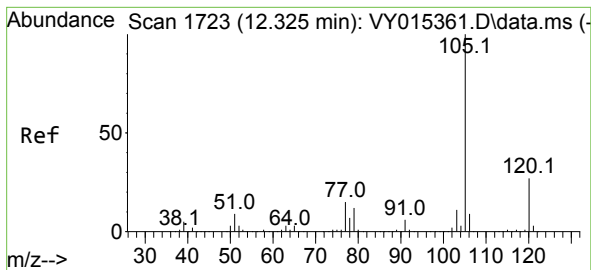
Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Tgt Ion:152	Resp:	115574
Ion Ratio	Lower	Upper
152	100	
115	57.6	28.8 86.5
150	174.8	0.0 348.8





#73

Isopropylbenzene

Concen: 50.379 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

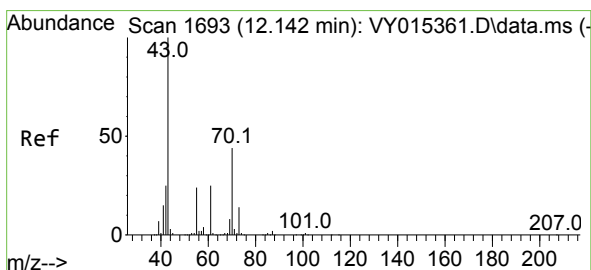
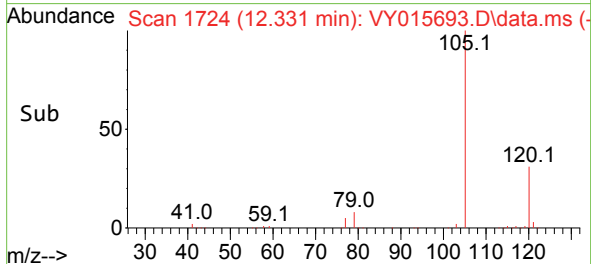
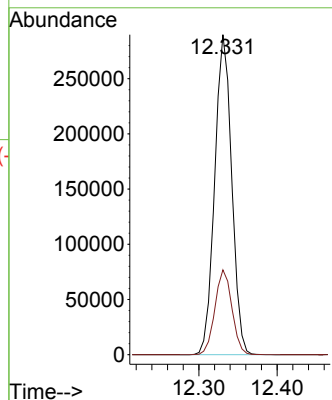
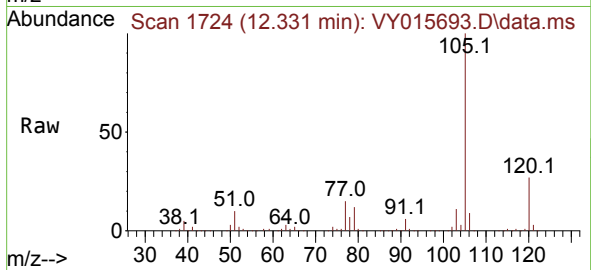
ClientSampleId :

Tgt Ion:105 Resp: 436784

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 53.150 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Tgt Ion: 43 Resp: 173196

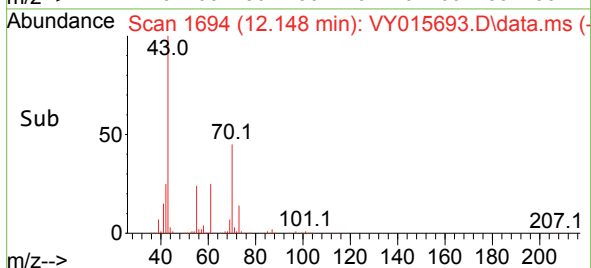
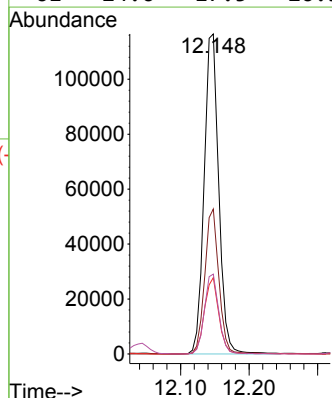
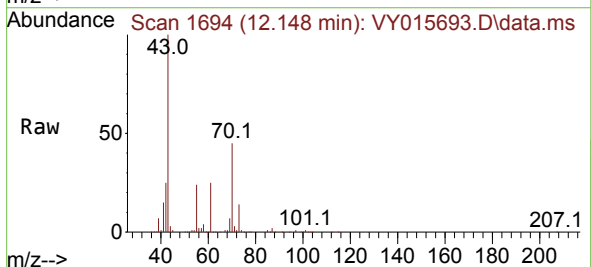
Ion Ratio Lower Upper

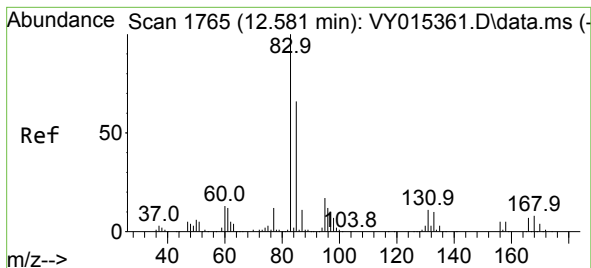
43 100

70 43.9 29.7 44.5

55 23.5 18.3 27.5

61 24.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.024 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

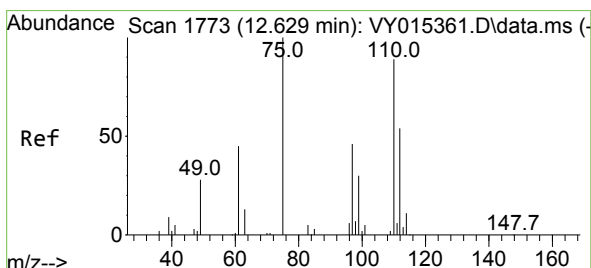
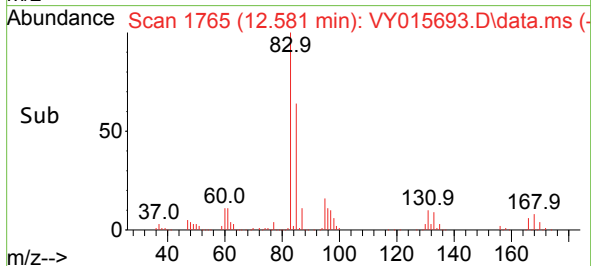
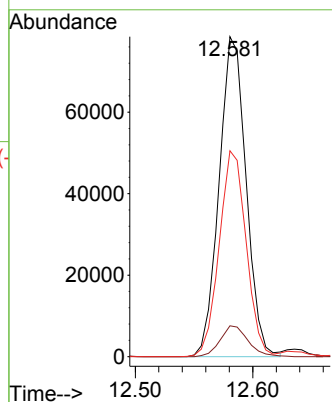
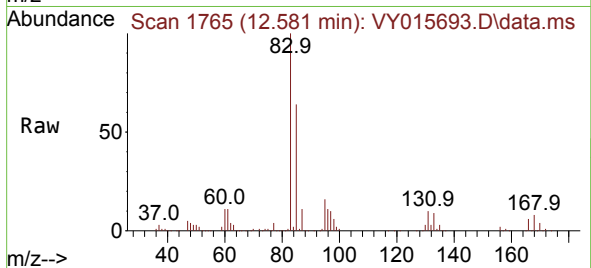
Tgt Ion: 83 Resp: 125531

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.219 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015693.D

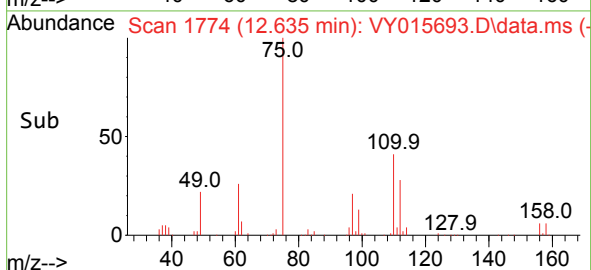
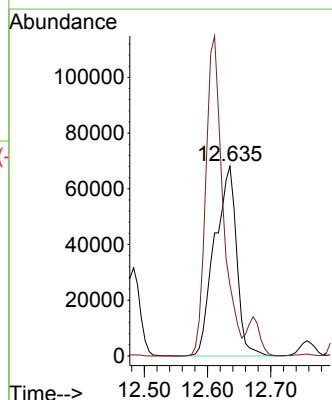
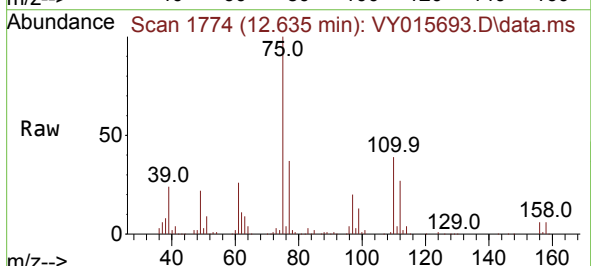
Acq: 22 Sep 2023 18:37

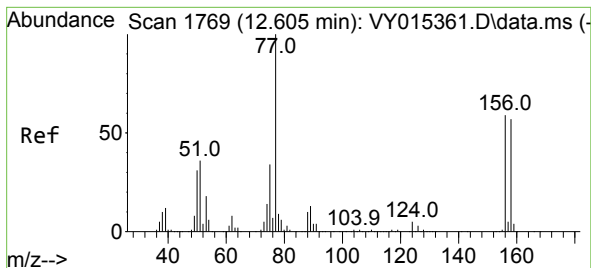
Tgt Ion: 75 Resp: 164501

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.083 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

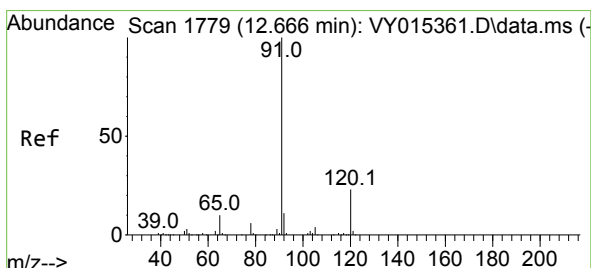
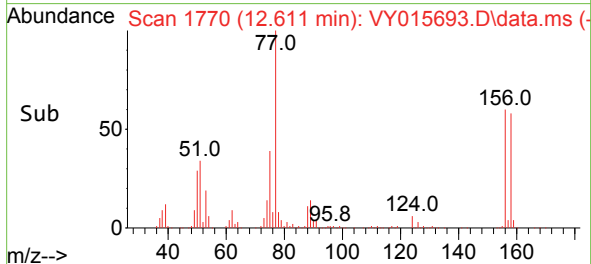
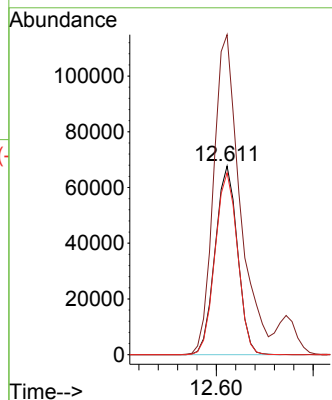
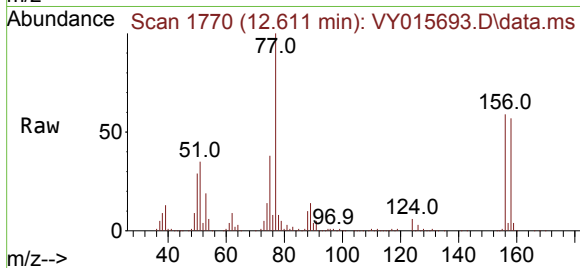
Tgt Ion:156 Resp: 108716

Ion Ratio Lower Upper

156 100

77 199.6 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 49.843 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015693.D

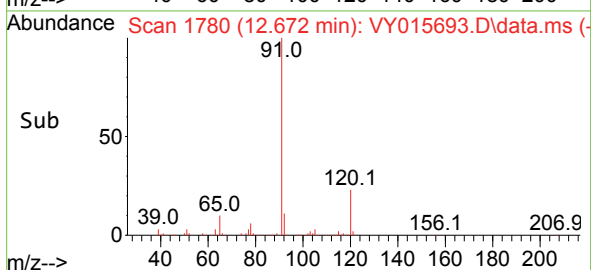
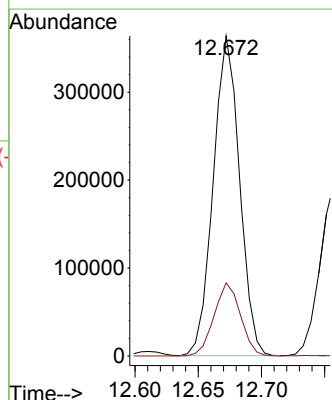
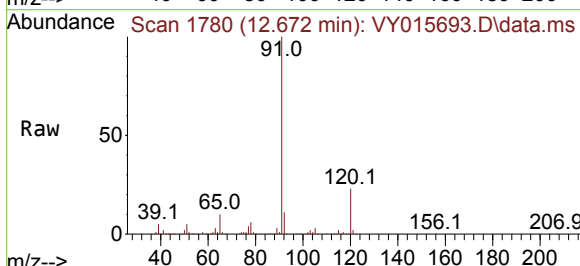
Acq: 22 Sep 2023 18:37

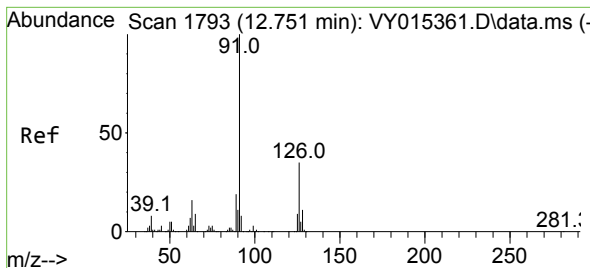
Tgt Ion: 91 Resp: 524986

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

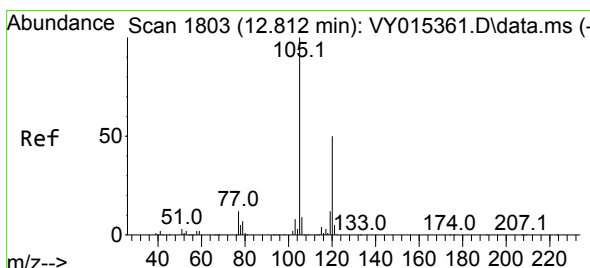
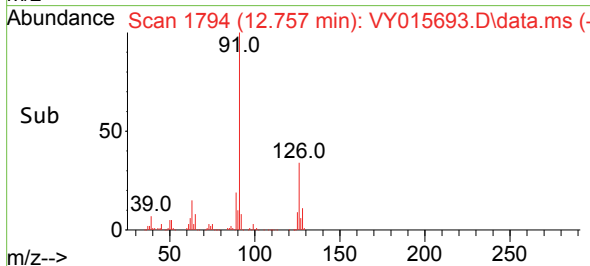
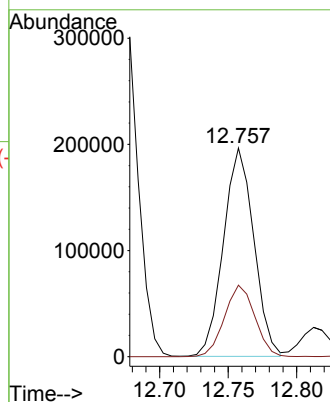
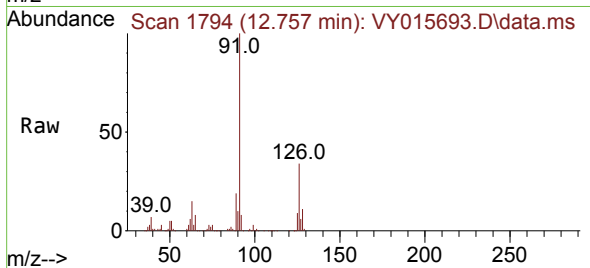




#79
2-Chlorotoluene
Concen: 50.404 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

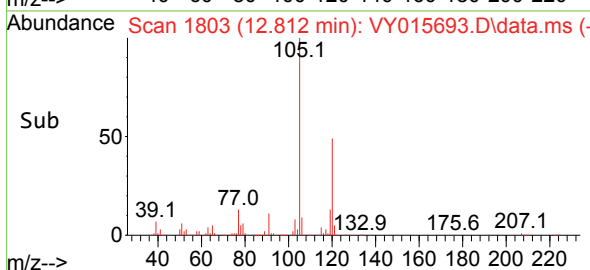
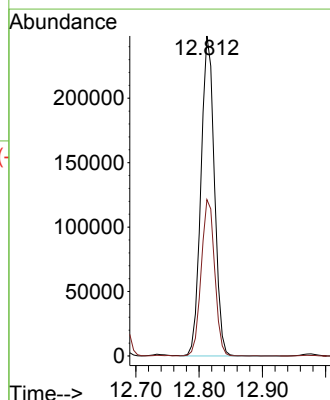
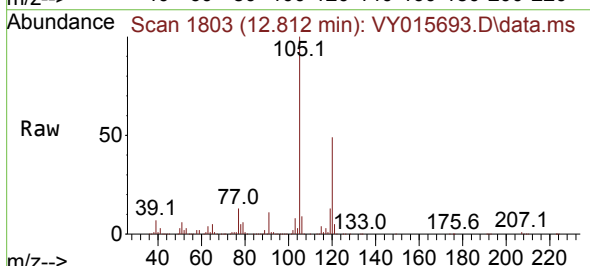
Instrument :
MSVOA_Y
ClientSampleId :

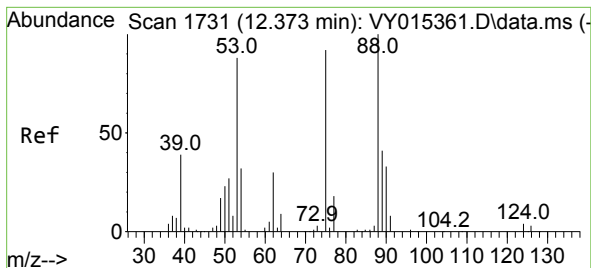
Tgt Ion: 91 Resp: 302624
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.771 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion: 105 Resp: 368511
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

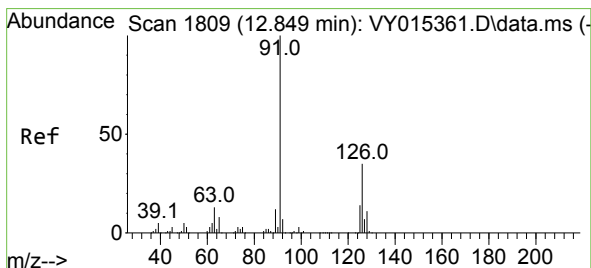
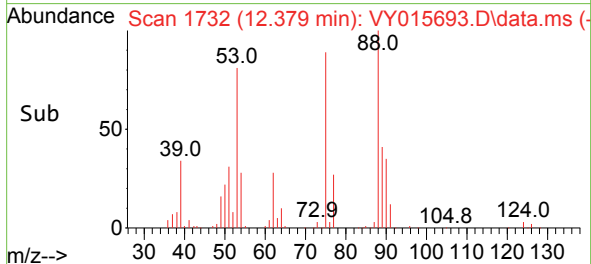
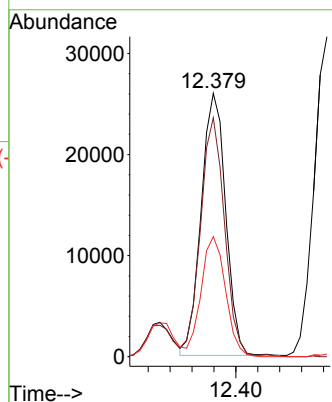
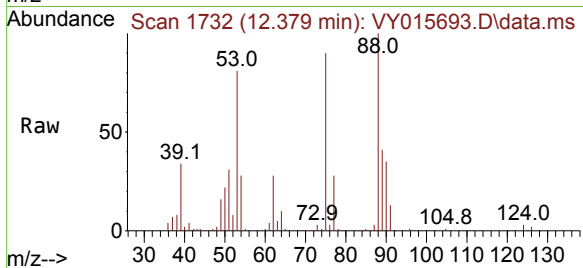




#81
trans-1,4-Dichloro-2-butene
Concen: 49.204 ug/l
RT: 12.379 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

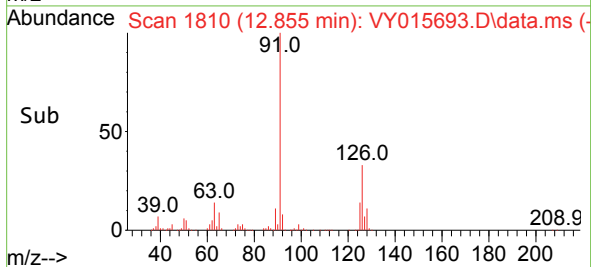
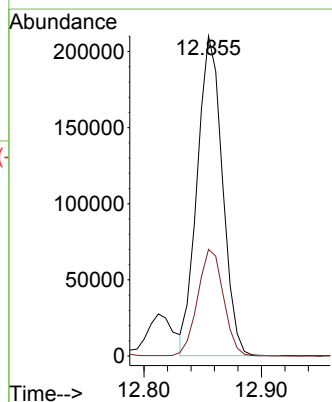
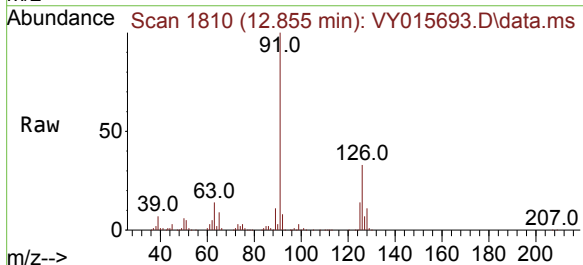
Instrument :
MSVOA_Y
ClientSampleId :

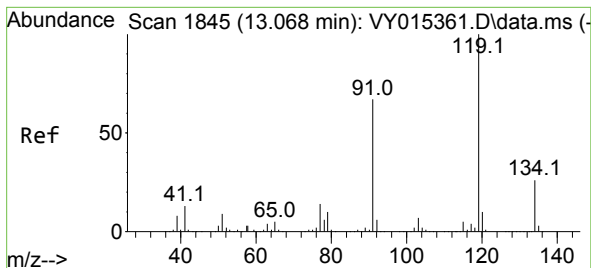
Tgt Ion: 75 Resp: 40287
Ion Ratio Lower Upper
75 100
53 89.8 77.8 116.8
89 45.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.901 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion: 91 Resp: 312767
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.014 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

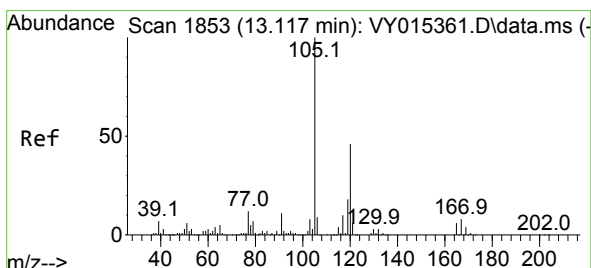
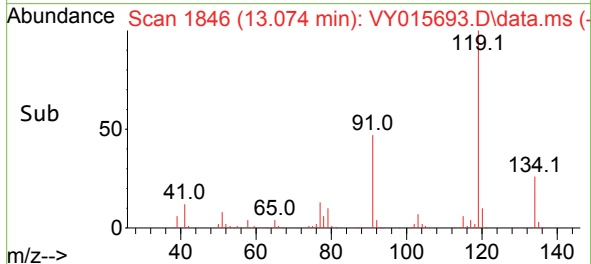
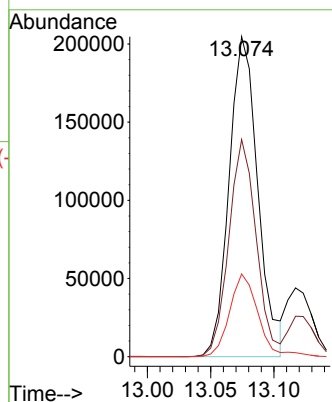
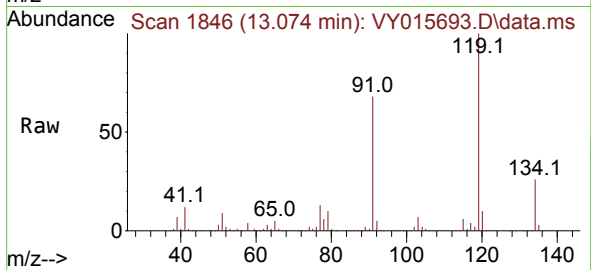
Tgt Ion:119 Resp: 324303

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.413 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015693.D

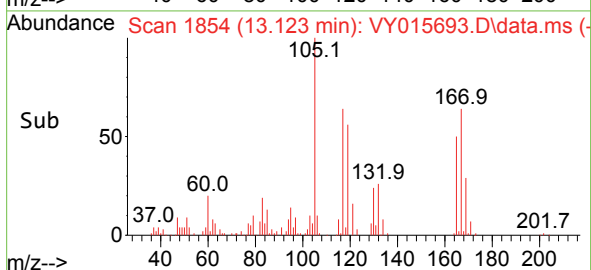
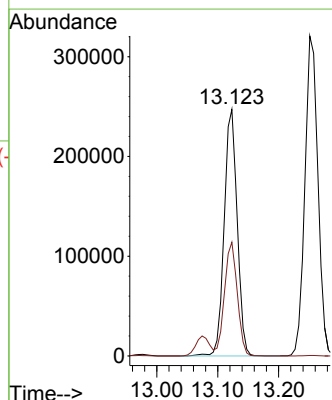
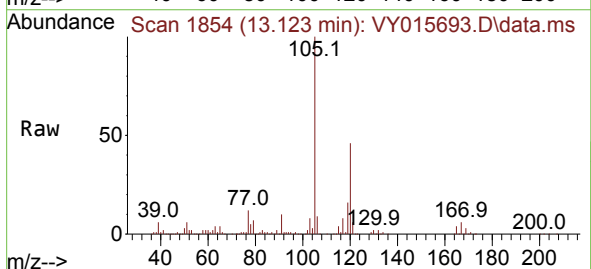
Acq: 22 Sep 2023 18:37

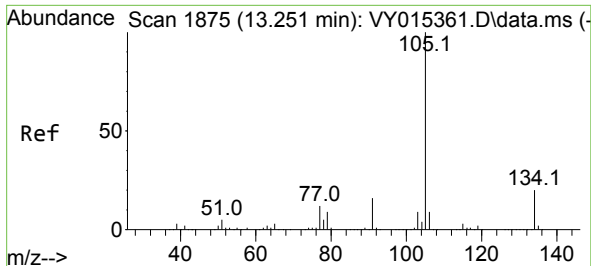
Tgt Ion:105 Resp: 366121

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6

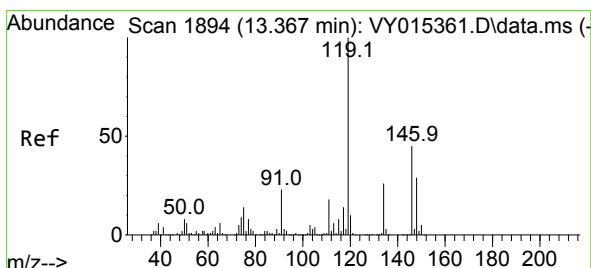
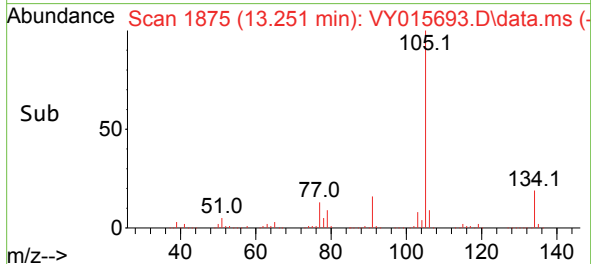
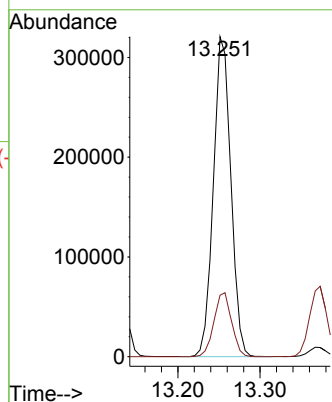
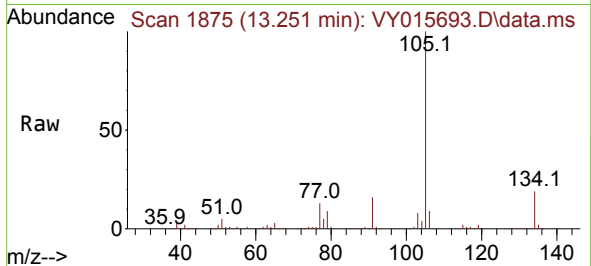




#85
sec-Butylbenzene
Concen: 49.874 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

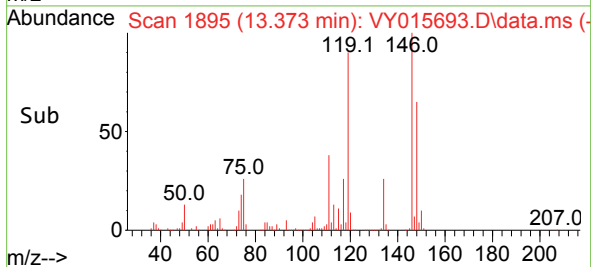
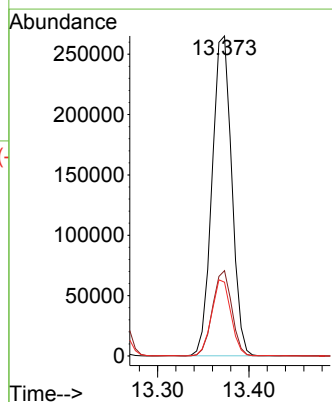
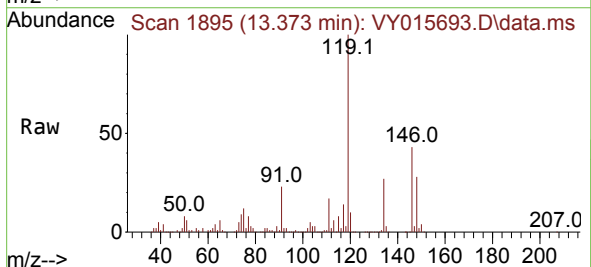
Instrument :
MSVOA_Y
ClientSampleId :

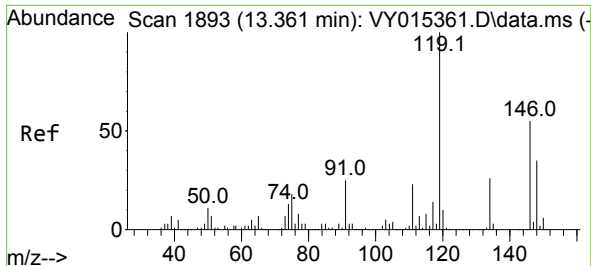
Tgt Ion:105 Resp: 474478
Ion Ratio Lower Upper
105 100
134 20.2 10.2 30.6



#86
p-Isopropyltoluene
Concen: 49.703 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion:119 Resp: 394987
Ion Ratio Lower Upper
119 100
134 26.1 13.3 39.8
91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.977 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

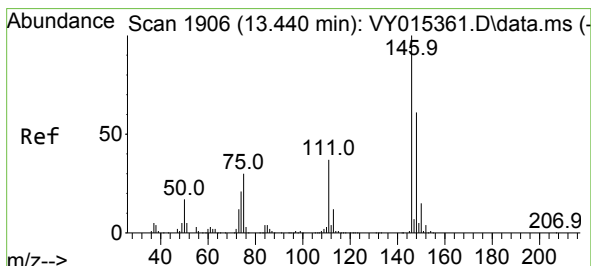
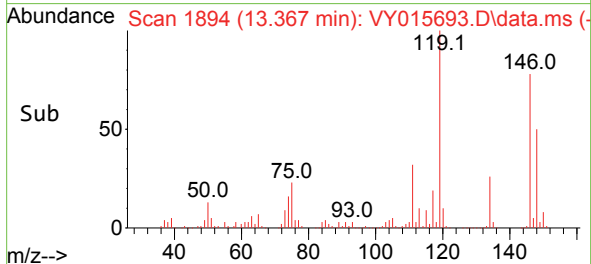
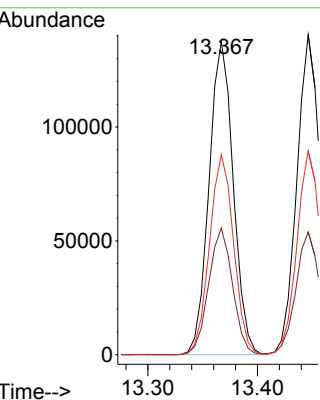
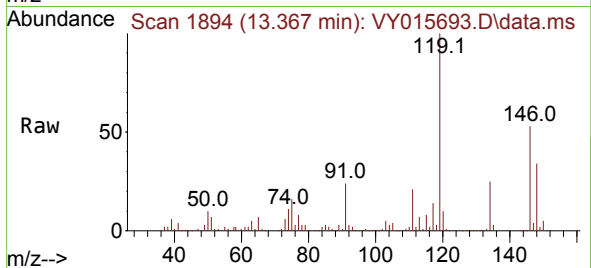
Tgt Ion:146 Resp: 211006

Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.986 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

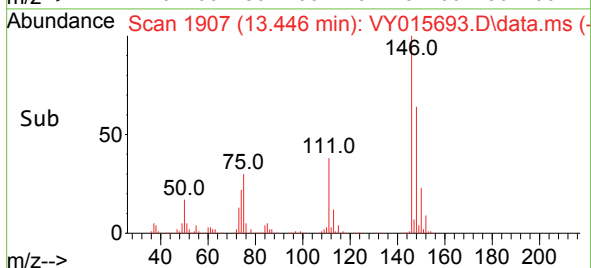
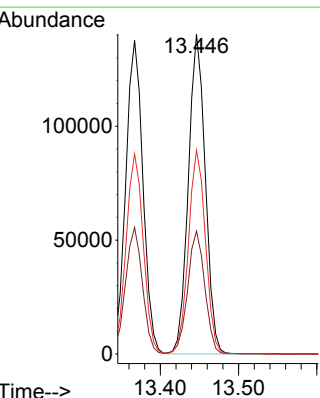
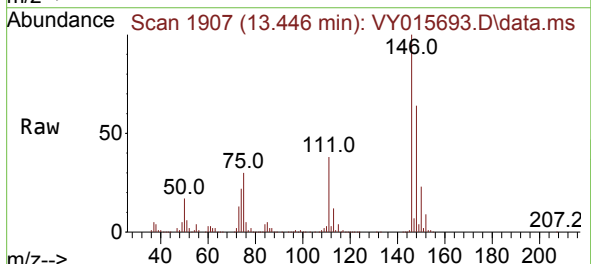
Tgt Ion:146 Resp: 211073

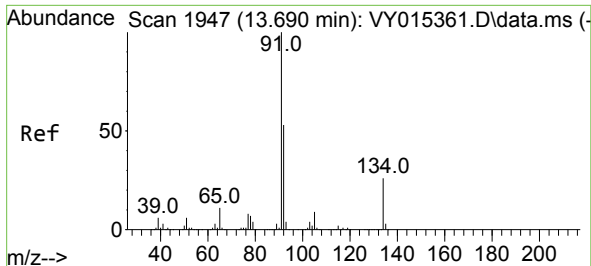
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 64.1 32.1 96.5

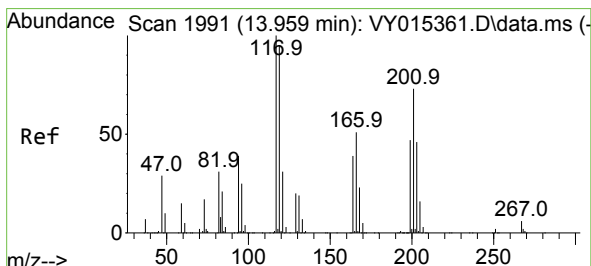
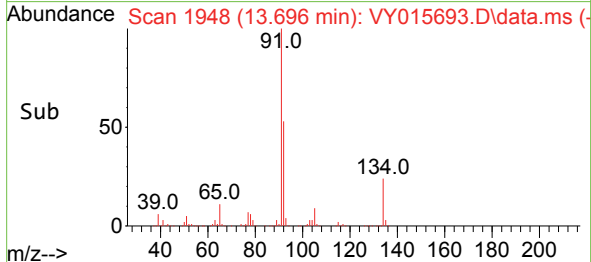
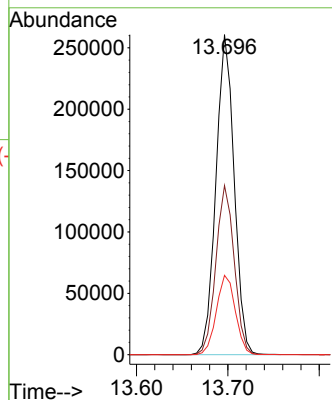
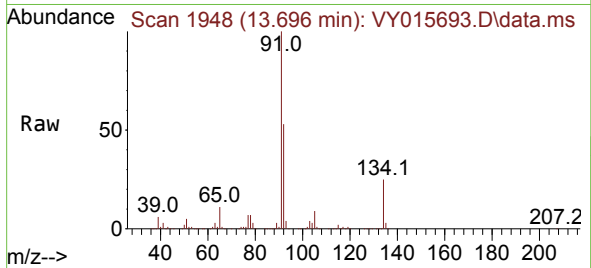




#89
n-Butylbenzene
Concen: 48.066 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

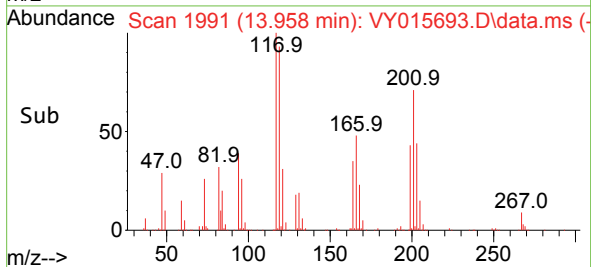
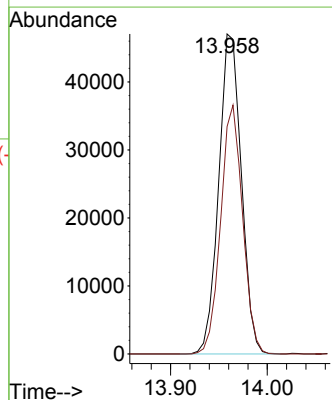
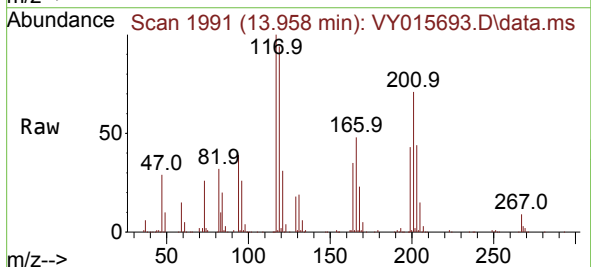
Instrument :
MSVOA_Y
ClientSampleId :

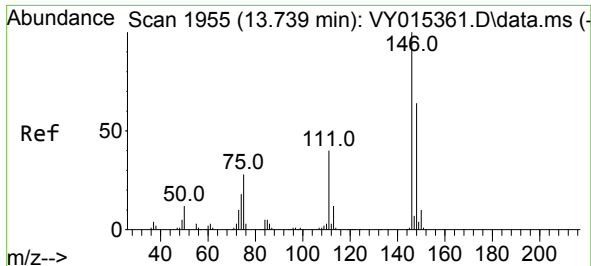
Tgt Ion: 91 Resp: 361701
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 25.8 12.6 37.6



#90
Hexachloroethane
Concen: 49.814 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion: 117 Resp: 76400
Ion Ratio Lower Upper
117 100
201 75.3 41.6 124.8

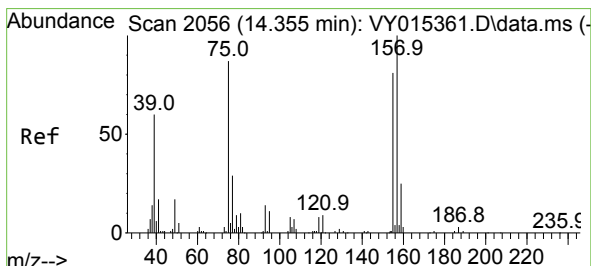
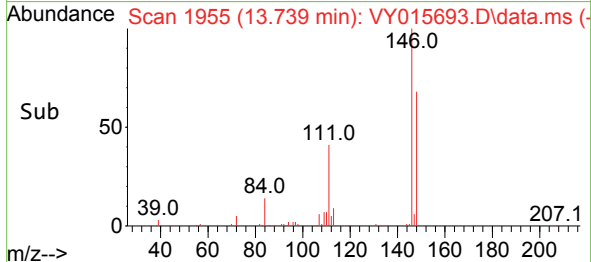
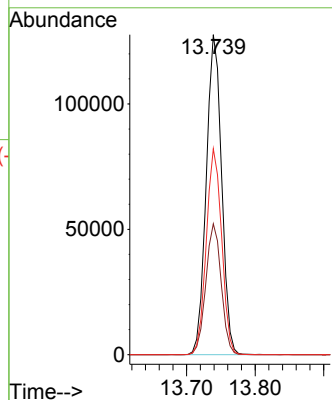
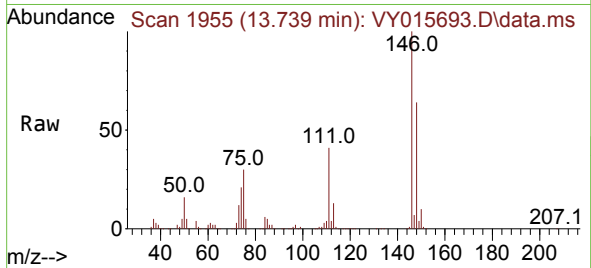




#91
1,2-Dichlorobenzene
Concen: 51.094 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

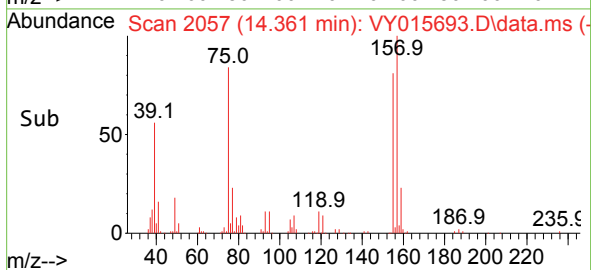
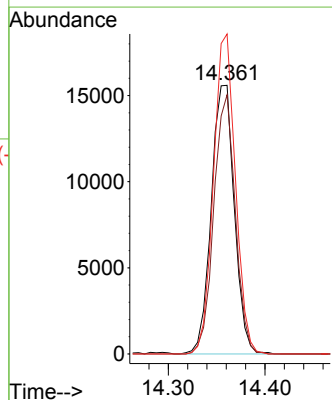
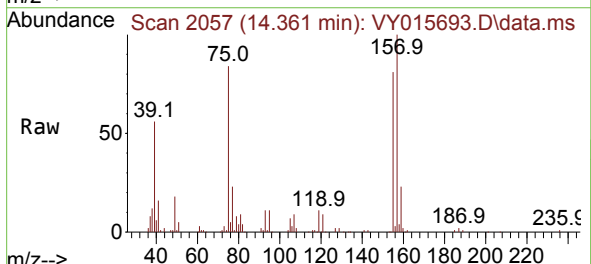
Instrument :
MSVOA_Y
ClientSampleId :

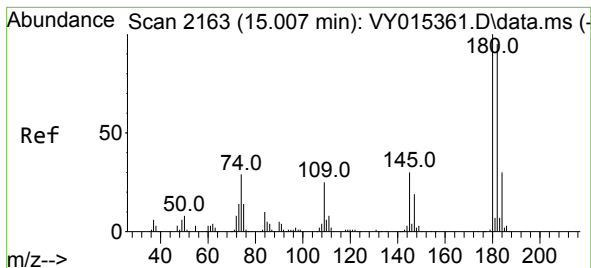
Tgt Ion:146 Resp: 199138
Ion Ratio Lower Upper
146 100
111 41.0 19.7 59.0
148 64.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.936 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY015693.D
Acq: 22 Sep 2023 18:37

Tgt Ion: 75 Resp: 25848
Ion Ratio Lower Upper
75 100
155 89.9 41.5 124.6
157 113.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.390 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

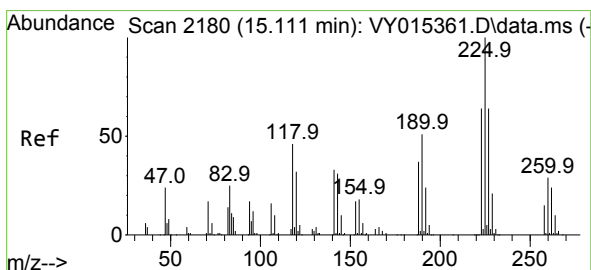
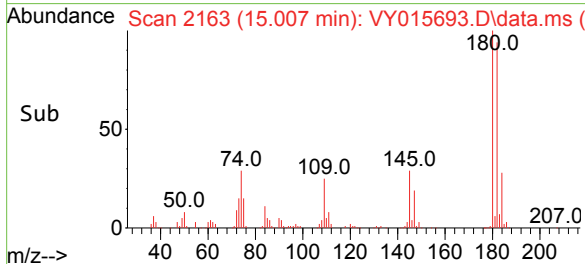
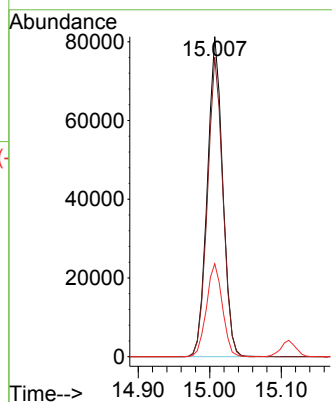
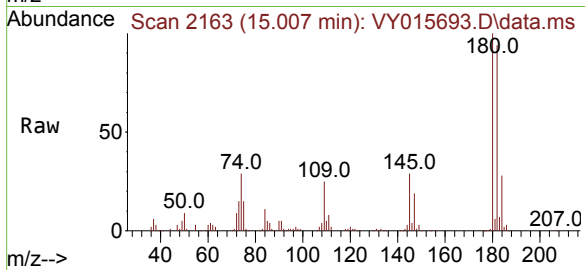
Tgt Ion:180 Resp: 121185

Ion Ratio Lower Upper

180 100

182 93.8 47.0 141.2

145 30.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.680 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

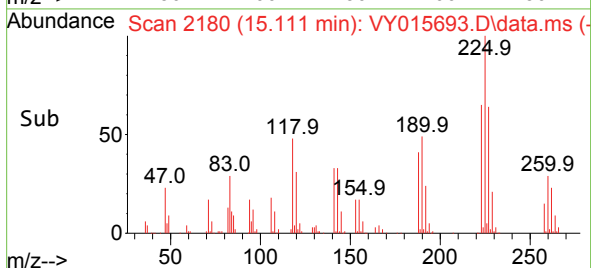
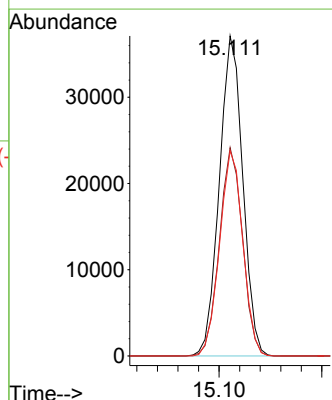
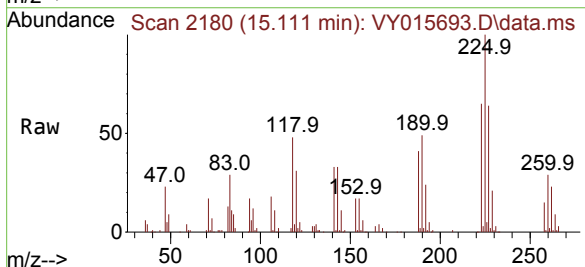
Tgt Ion:225 Resp: 58655

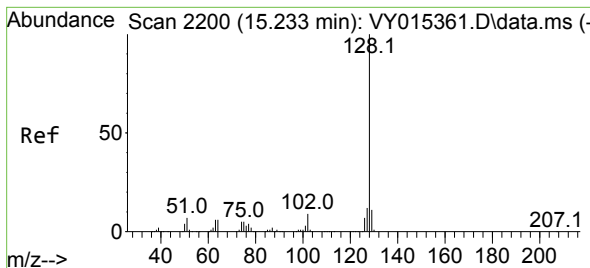
Ion Ratio Lower Upper

225 100

223 64.3 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 53.654 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

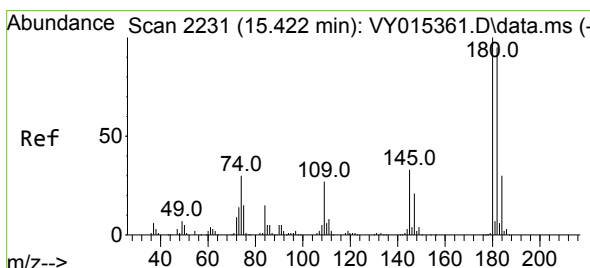
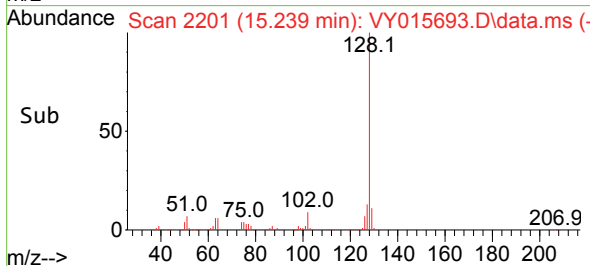
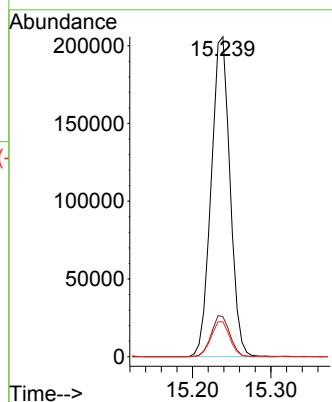
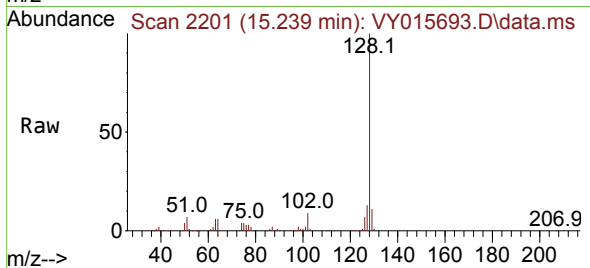
Tgt Ion:128 Resp: 343279

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.931 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015693.D

Acq: 22 Sep 2023 18:37

Tgt Ion:180 Resp: 113079

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 32.7 15.4 46.2

