

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015482.D
 Acq On : 11 Sep 2023 11:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:15:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	183925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96108	48.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.480%
35) Dibromofluoromethane	7.710	113	89486	48.716	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.440%
50) Toluene-d8	10.179	98	302256	45.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.880%
62) 4-Bromofluorobenzene	12.477	95	115547	46.790	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	71148	44.501	ug/l	99
3) Chloromethane	2.107	50	99371	46.800	ug/l	98
4) Vinyl Chloride	2.247	62	116640	47.196	ug/l	99
5) Bromomethane	2.637	94	92823	52.785	ug/l	98
6) Chloroethane	2.784	64	81236	50.008	ug/l	97
7) Trichlorofluoromethane	3.113	101	164144	46.954	ug/l	100
8) Diethyl Ether	3.521	74	63060	52.783	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	90545	46.731	ug/l	96
10) Methyl Iodide	4.082	142	124711	54.809	ug/l	97
11) Tert butyl alcohol	4.954	59	119127	278.290	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	89892	49.166	ug/l	97
13) Acrolein	3.723	56	116743	214.848	ug/l	99
14) Allyl chloride	4.472	41	152834	52.502	ug/l	96
15) Acrylonitrile	5.155	53	209004	278.014	ug/l	99
16) Acetone	3.942	43	203537	247.324	ug/l	93
17) Carbon Disulfide	4.186	76	243741	44.592	ug/l	100
18) Methyl Acetate	4.472	43	203011	68.107	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	328931	55.354	ug/l	99
20) Methylene Chloride	4.704	84	121112	45.109	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	107185	50.910	ug/l	97
22) Diisopropyl ether	6.112	45	347092	54.518	ug/l	92
23) Vinyl Acetate	6.051	43	995718	247.707	ug/l	95
24) 1,1-Dichloroethane	6.009	63	194327	52.801	ug/l	96
25) 2-Butanone	6.978	43	315694	270.466	ug/l	96
26) 2,2-Dichloropropane	6.972	77	169988	54.380	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	128269	53.704	ug/l	94
28) Bromochloromethane	7.326	49	55745	49.392	ug/l	95
29) Tetrahydrofuran	7.344	42	205348	280.152	ug/l	92
30) Chloroform	7.502	83	211881	54.765	ug/l	96
31) Cyclohexane	7.783	56	149577	42.708	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	183963	53.234	ug/l	98
36) 1,1-Dichloropropene	7.917	75	148366	46.000	ug/l	99
37) Ethyl Acetate	7.070	43	120453	48.422	ug/l	96
38) Carbon Tetrachloride	7.899	117	162258	48.709	ug/l	99
39) Methylcyclohexane	9.179	83	171666	42.277	ug/l	94
40) Benzene	8.155	78	440434	48.944	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	183519	157.323	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	148011	49.326	ug/l	94
43) Isopropyl Acetate	8.271	43	218900	50.889	ug/l	96
44) Trichloroethene	8.935	130	124959	49.080	ug/l	100
45) 1,2-Dichloropropane	9.216	63	114088	50.293	ug/l	96
46) Dibromomethane	9.301	93	74964	49.749	ug/l	97
47) Bromodichloromethane	9.496	83	168294	52.226	ug/l	99
48) Methyl methacrylate	9.289	41	101146	51.250	ug/l	93
49) 1,4-Dioxane	9.295	88	28871	1031.508	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	671115	268.431	ug/l	94
52) Toluene	10.240	92	288387	50.001	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	179634	52.453	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	189903	50.975	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	105457	51.940	ug/l	97
56) Ethyl methacrylate	10.508	69	158736	52.758	ug/l	91
57) 1,3-Dichloropropane	10.788	76	180524	51.652	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	266231	247.903	ug/l	95
59) 2-Hexanone	10.831	43	499015	266.002	ug/l	91
60) Dibromochloromethane	10.984	129	127250	53.547	ug/l	99
61) 1,2-Dibromoethane	11.087	107	107319	52.165	ug/l	100
64) Tetrachloroethene	10.721	164	129300	48.920	ug/l	96
65) Chlorobenzene	11.514	112	316027	50.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	123589	53.812	ug/l	99
67) Ethyl Benzene	11.593	91	561485	49.833	ug/l	98
68) m/p-Xylenes	11.703	106	435062	99.616	ug/l	95
69) o-Xylene	12.026	106	211338	50.633	ug/l	98
70) Styrene	12.044	104	360936	51.429	ug/l	98
71) Bromoform	12.209	173	90312	56.371	ug/l #	99
73) Isopropylbenzene	12.331	105	553869	50.248	ug/l	99
74) N-amyl acetate	12.142	43	188954	51.024	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	140056	53.226	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	186920	96.052	ug/l #	100
77) Bromobenzene	12.605	156	135717	51.985	ug/l	97
78) n-propylbenzene	12.672	91	653408	48.989	ug/l	99
79) 2-Chlorotoluene	12.751	91	374378	50.044	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	464220	50.350	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	48516	54.994	ug/l	96
82) 4-Chlorotoluene	12.855	91	385518	49.585	ug/l	99
83) tert-Butylbenzene	13.075	119	416329	51.555	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	463916	50.678	ug/l	98
85) sec-Butylbenzene	13.251	105	604437	50.183	ug/l	100
86) p-Isopropyltoluene	13.367	119	497672	49.299	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	259304	50.311	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	260691	50.038	ug/l	99
89) n-Butylbenzene	13.696	91	431210	45.384	ug/l	97
90) Hexachloroethane	13.959	117	97498	54.002	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	244423	51.966	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28911	55.542	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	144583	48.948	ug/l	98
94) Hexachlorobutadiene	15.111	225	76889	47.737	ug/l	96
95) Naphthalene	15.233	128	399359	54.579	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	137650	51.089	ug/l	99

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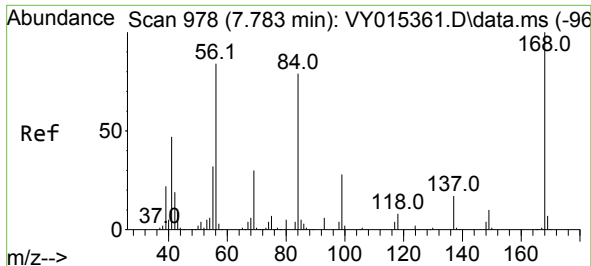
Quant Time: Sep 12 01:15:33 2023
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QLast Update : Thu Aug 31 20:01:47 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

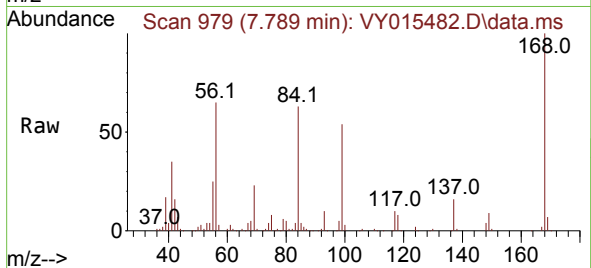
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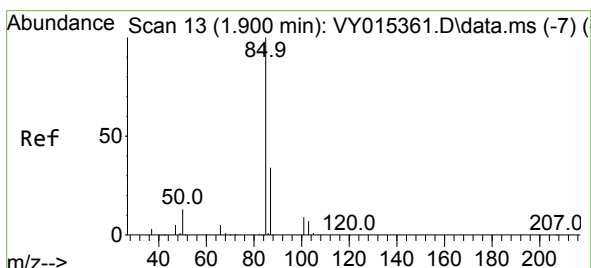
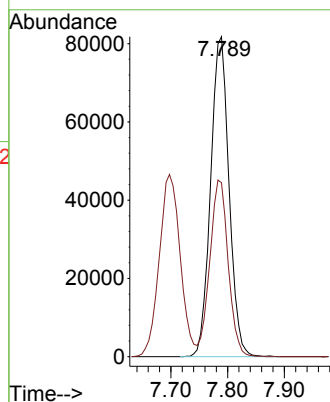
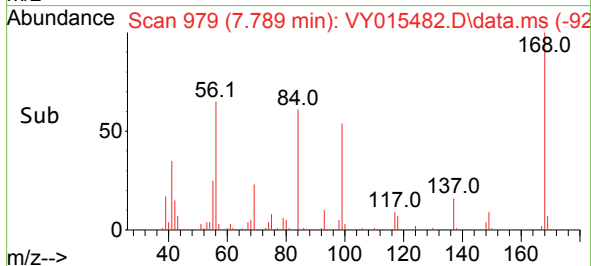


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015482.D
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MSVOA_Y
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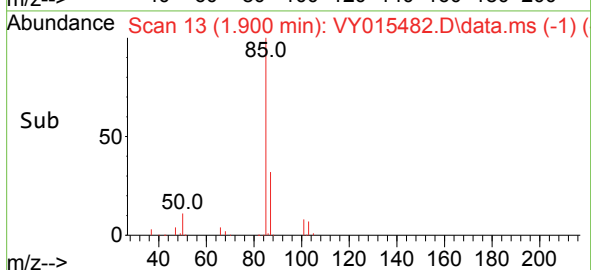
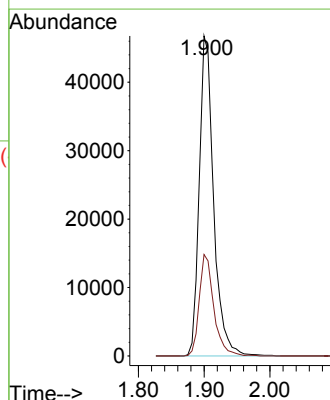
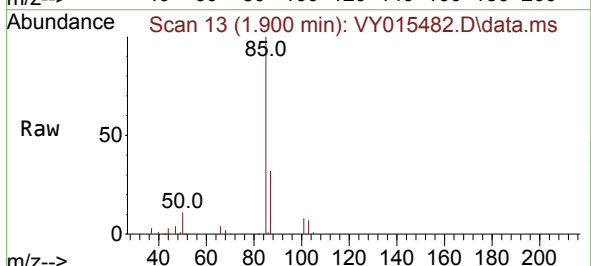


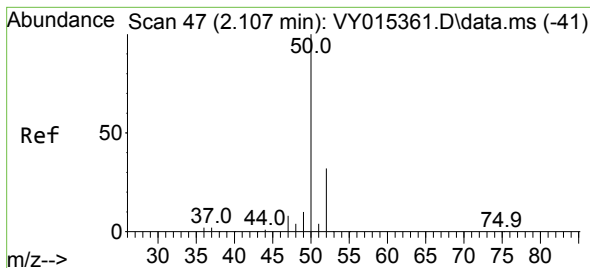
Tgt Ion:168 Resp: 183925
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.501 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion: 85 Resp: 71148
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8





#3

Chloromethane

Concen: 46.800 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

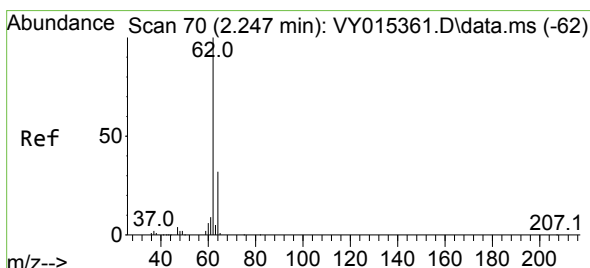
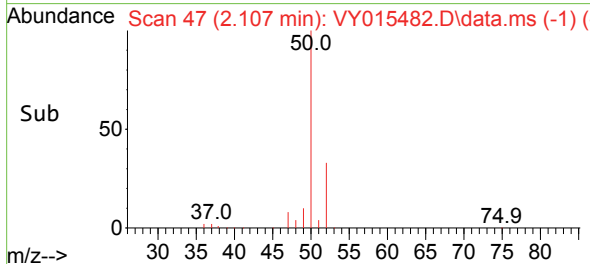
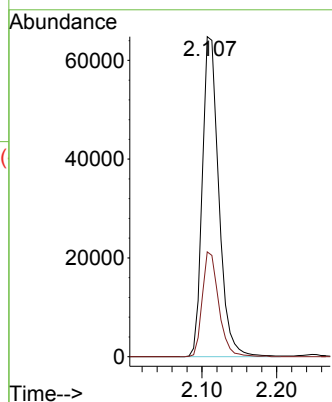
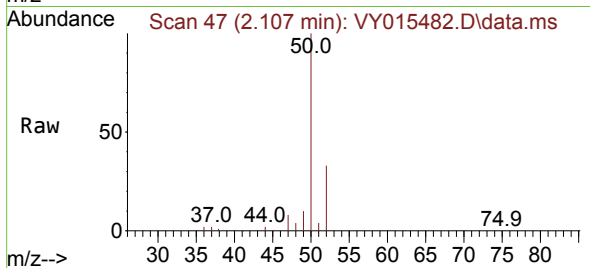
ClientSampleId :

Tgt Ion: 50 Resp: 99371

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 47.196 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015482.D

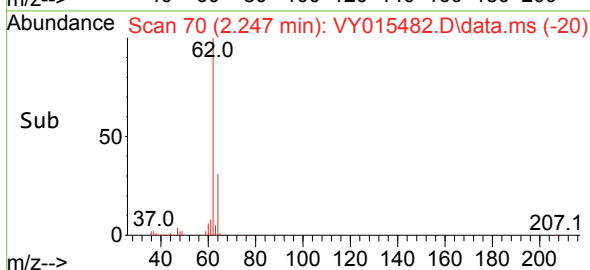
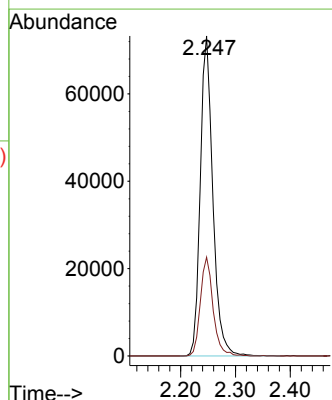
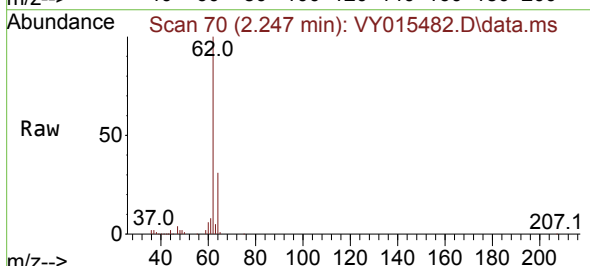
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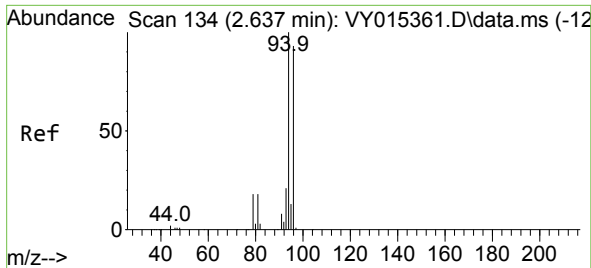
Tgt Ion: 62 Resp: 116640

Ion Ratio Lower Upper

62 100

64 30.9 24.3 36.5

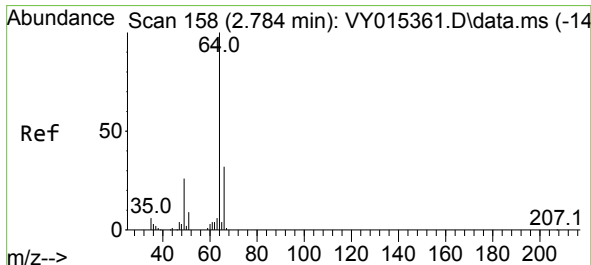
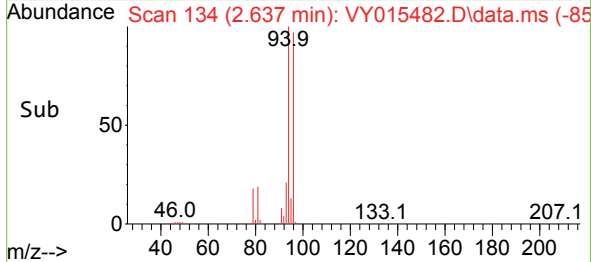
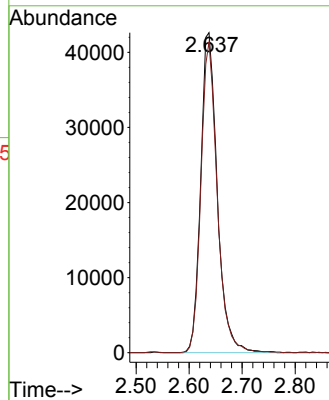
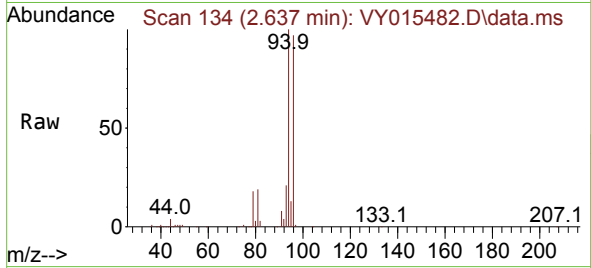




#5
Bromomethane
Concen: 52.785 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

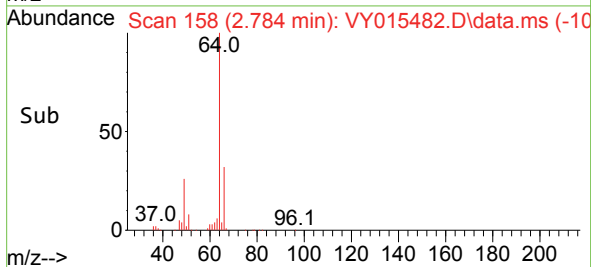
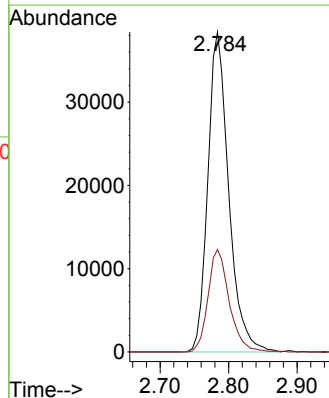
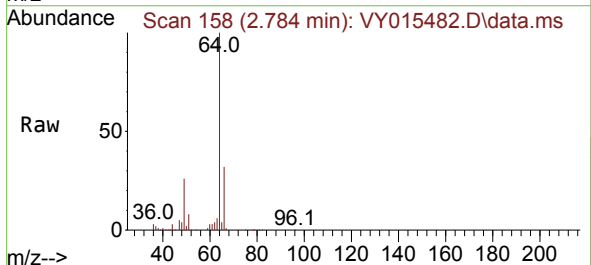
Instrument :
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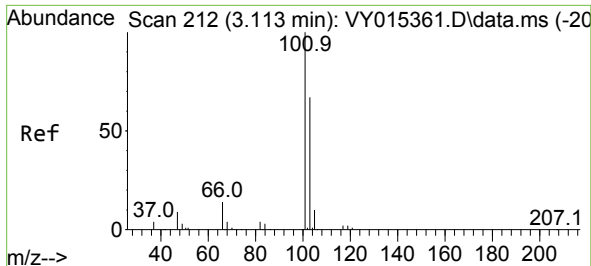
Tgt Ion: 94 Resp: 92823
Ion Ratio Lower Upper
94 100
96 97.1 75.8 113.6



#6
Chloroethane
Concen: 50.008 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

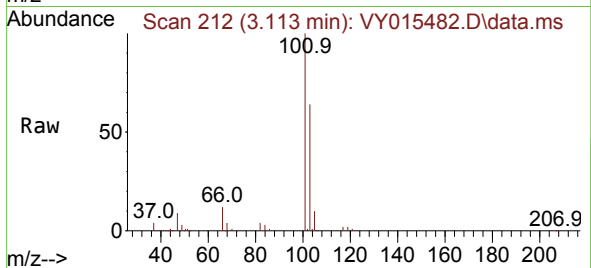
Tgt Ion: 64 Resp: 81236
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6



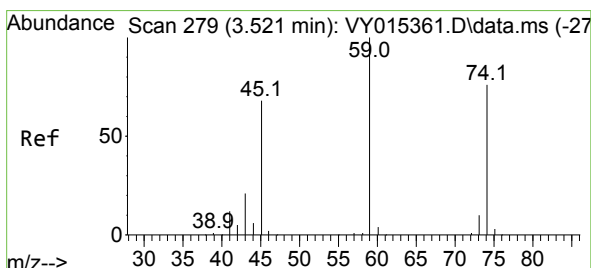
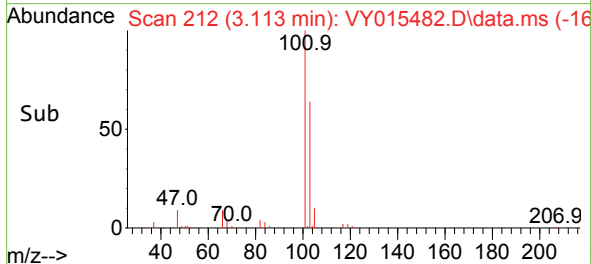
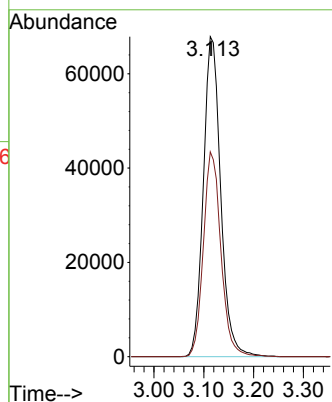


#7
 Trichlorofluoromethane
 Concen: 46.954 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY015482.D
 Acq: 11 Sep 2023 11:21

Instrument :
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 ClientSampleId :

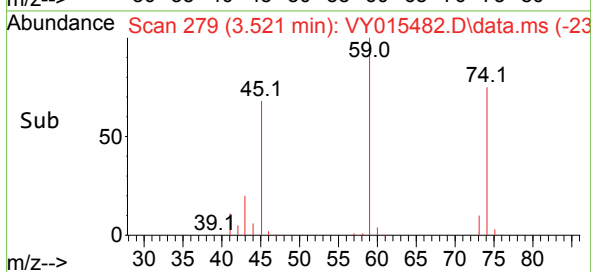
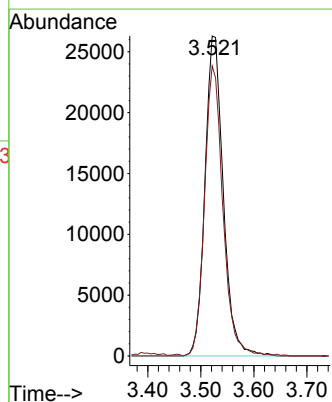
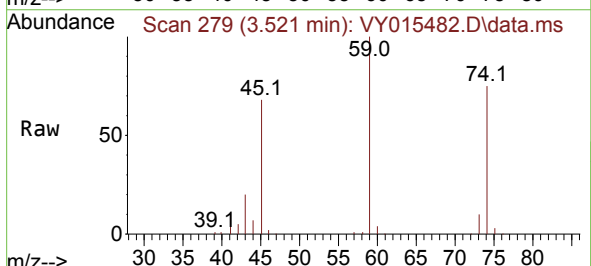


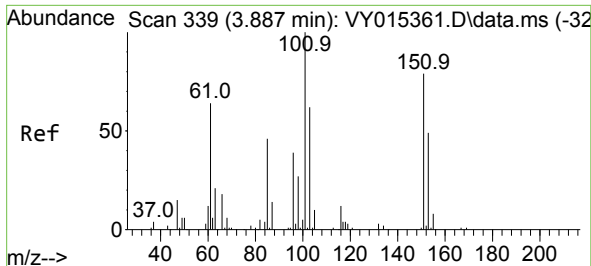
Tgt Ion: 101 Resp: 164144
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.783 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY015482.D
 Acq: 11 Sep 2023 11:21

Tgt Ion: 74 Resp: 63060
 Ion Ratio Lower Upper
 74 100
 45 91.1 51.5 154.5

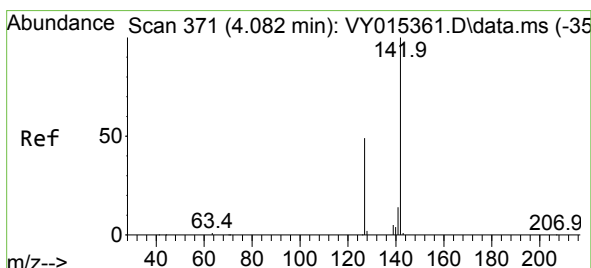
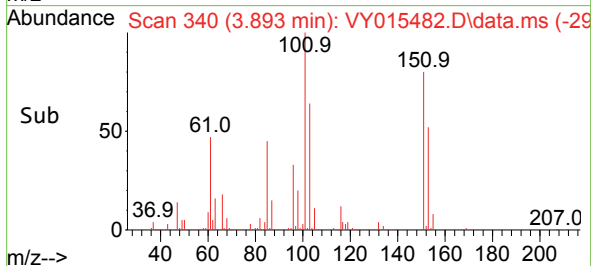
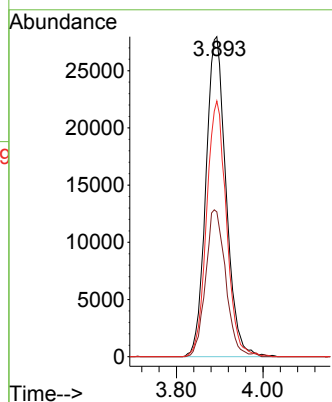
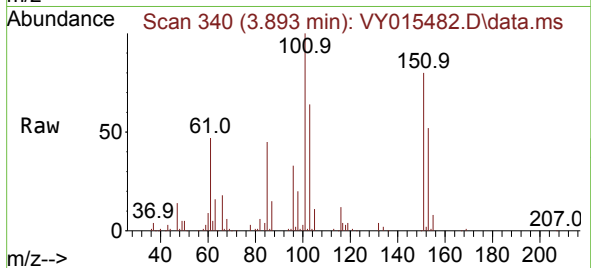




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.731 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY015482.D
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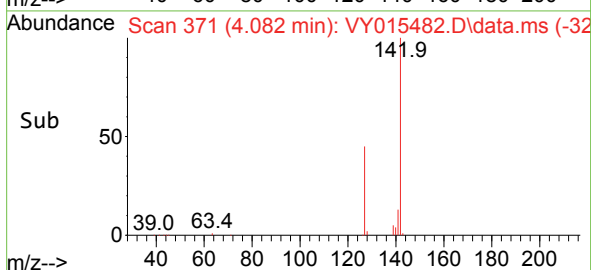
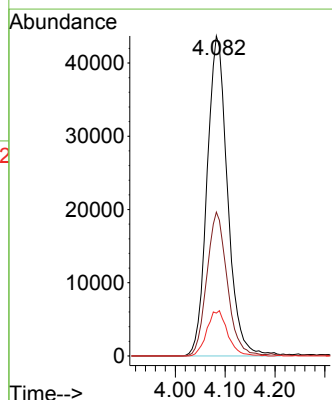
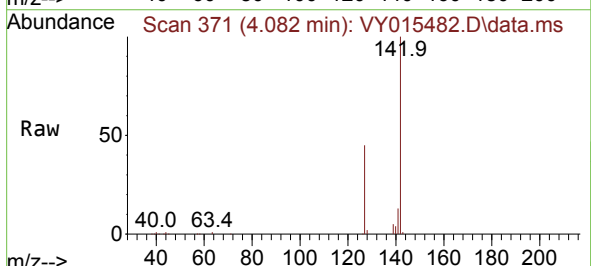
Instrument :
MSVOA_Y
ClientSampleId :

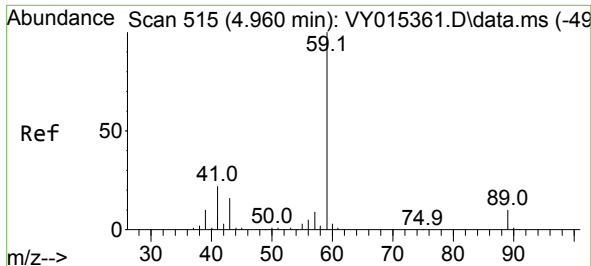
Tgt Ion:101 Resp: 90545
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 78.5 67.0 100.6



#10
Methyl Iodide
Concen: 54.809 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion:142 Resp: 124711
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 14.3 11.8 17.8

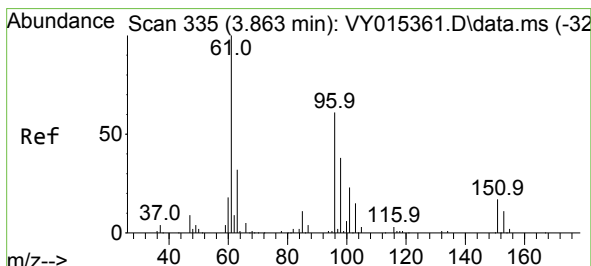
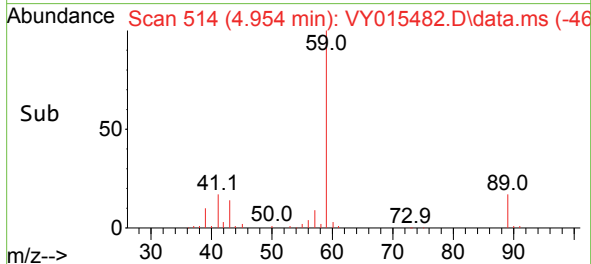
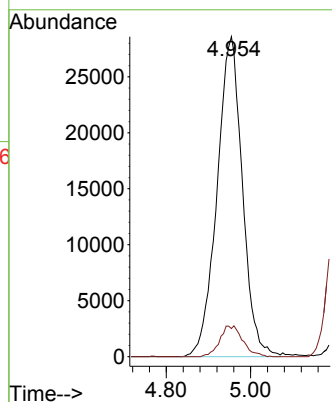
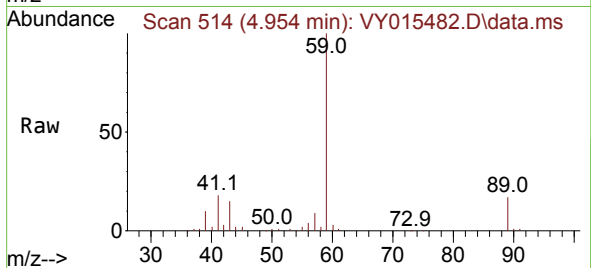




#11
Tert butyl alcohol
Concen: 278.290 ug/l
RT: 4.954 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

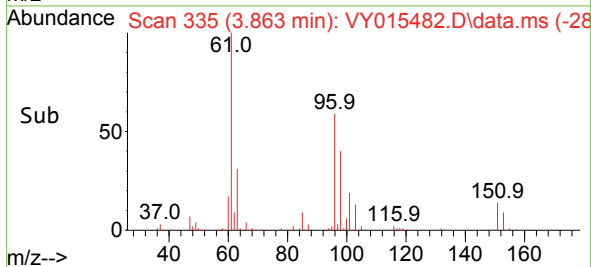
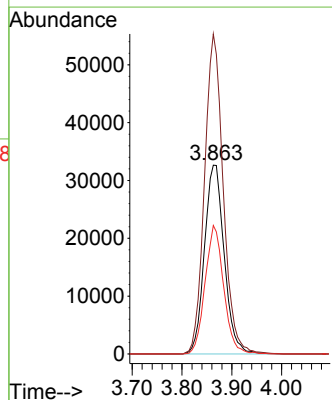
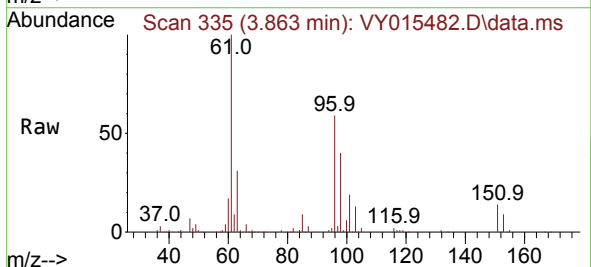
Instrument :
MSVOA_Y
ClientSampleId :

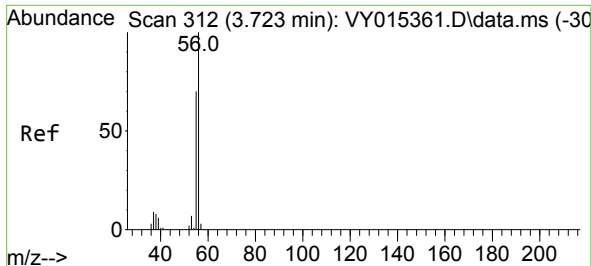
Tgt Ion: 59 Resp: 119127
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.166 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

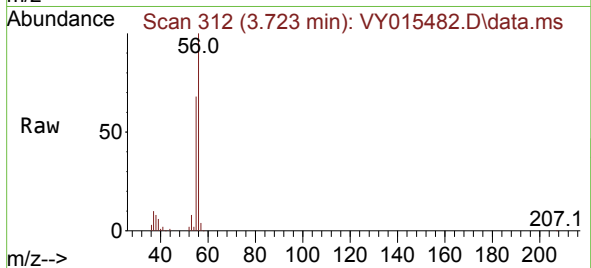
Tgt Ion: 96 Resp: 89892
Ion Ratio Lower Upper
96 100
61 169.5 136.4 204.6
98 68.0 49.4 74.2



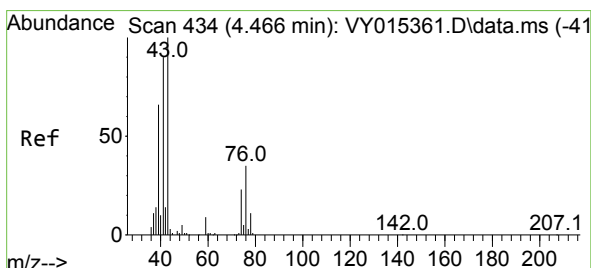
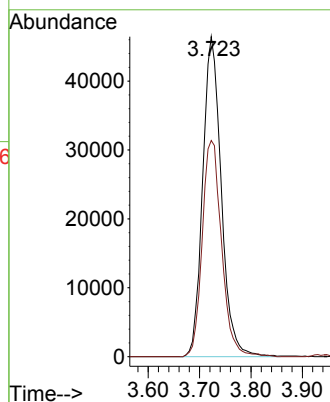
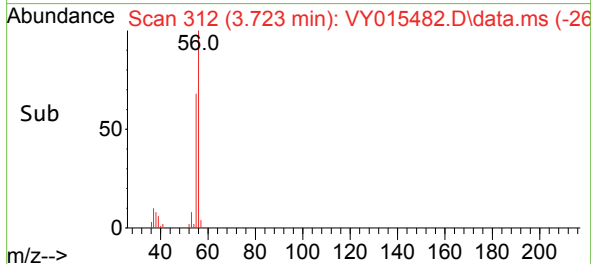


#13
Acrolein
Concen: 214.848 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

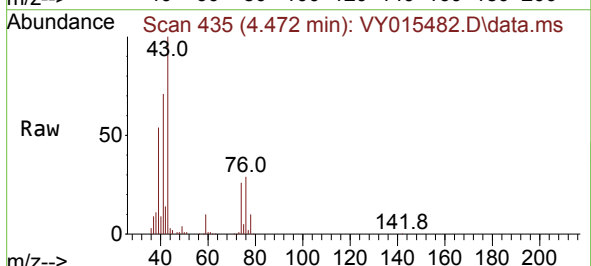
Instrument :
MSVOA_Y
ClientSampleId :



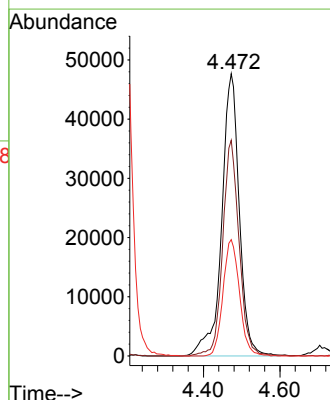
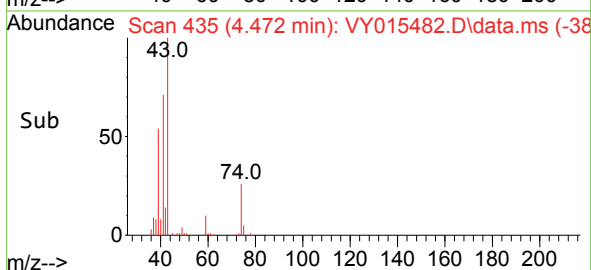
Tgt Ion: 56 Resp: 116743
Ion Ratio Lower Upper
56 100
55 70.3 57.0 85.4

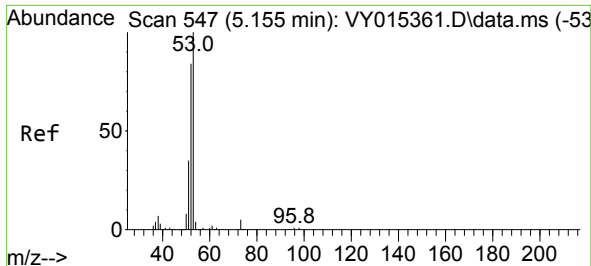


#14
Allyl chloride
Concen: 52.502 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21



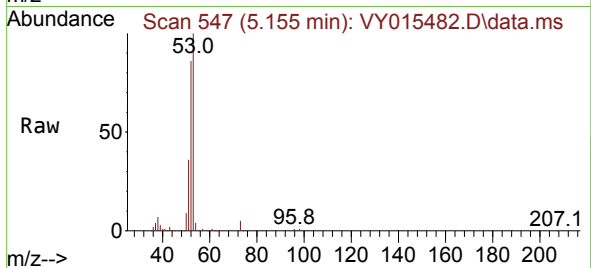
Tgt Ion: 41 Resp: 152834
Ion Ratio Lower Upper
41 100
39 71.0 58.0 87.0
76 38.5 27.4 41.2



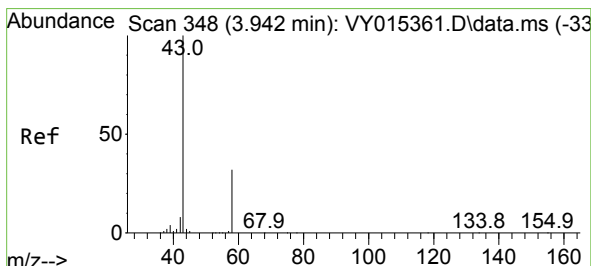
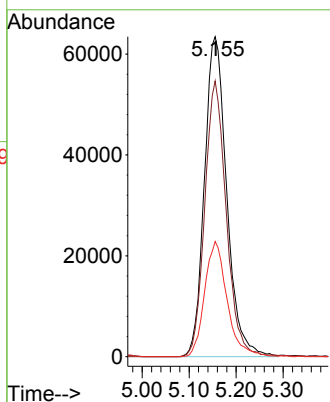
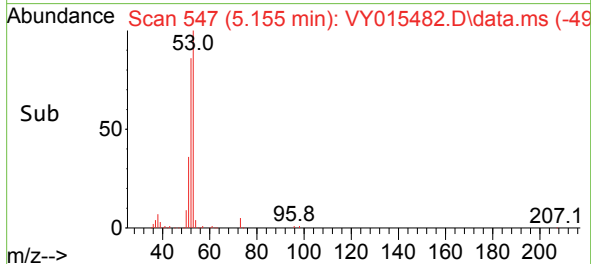


#15
Acrylonitrile
Concen: 278.014 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

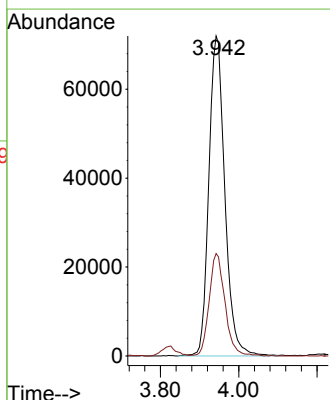
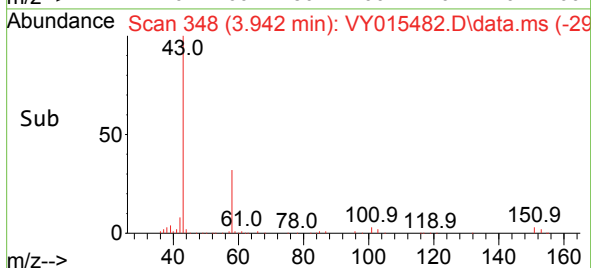
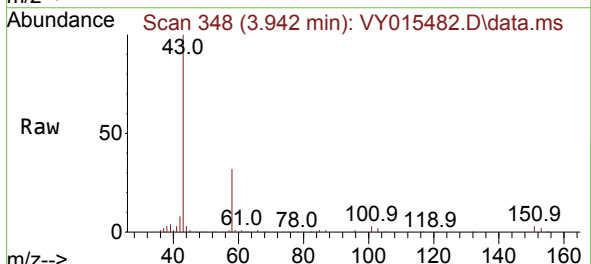


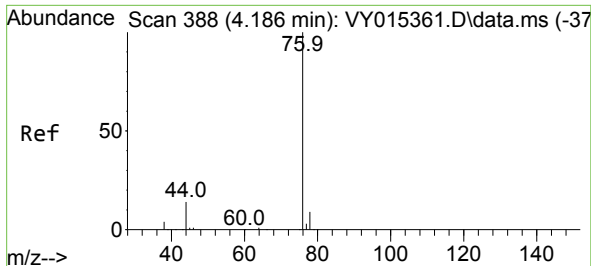
Tgt Ion: 53 Resp: 209004
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 247.324 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion: 43 Resp: 203537
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

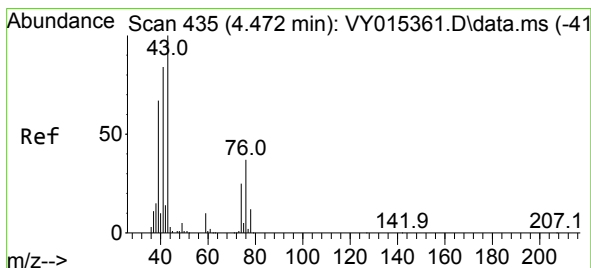
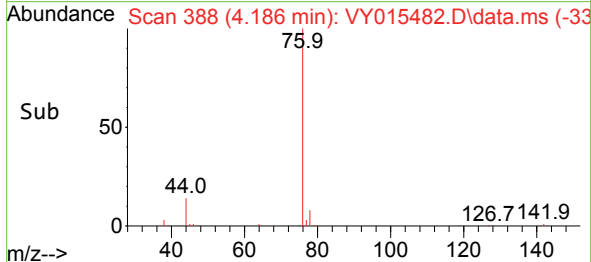
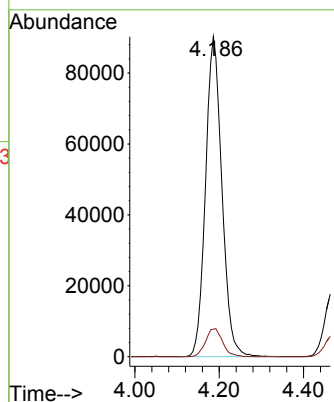
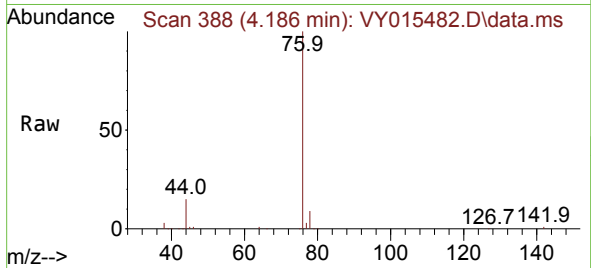




#17
Carbon Disulfide
Concen: 44.592 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

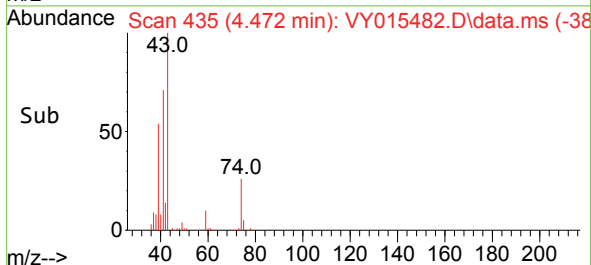
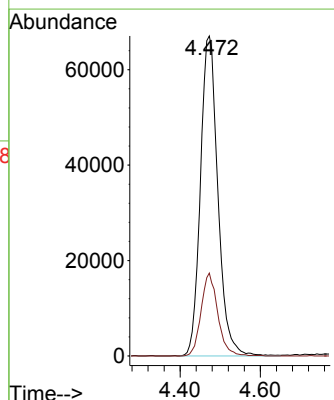
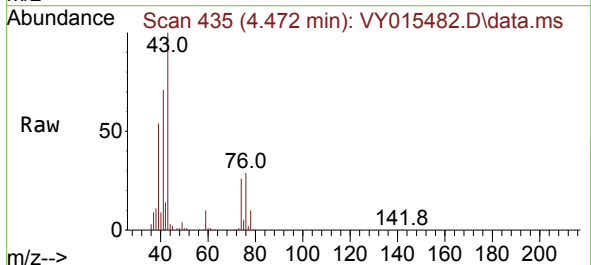
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 243741
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 68.107 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion: 43 Resp: 203011
Ion Ratio Lower Upper
43 100
74 24.7 17.4 26.0

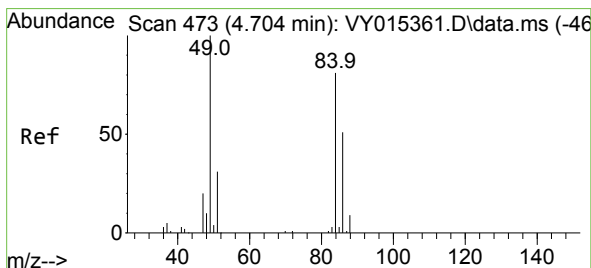
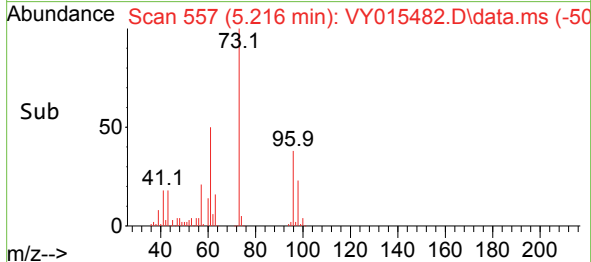
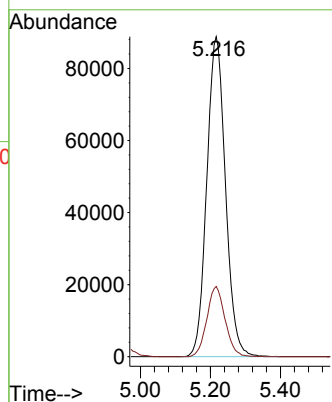
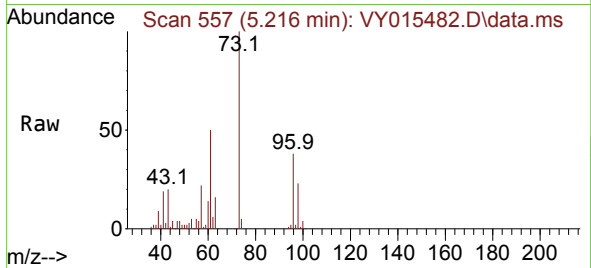




#19
Methyl tert-butyl Ether
Concen: 55.354 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

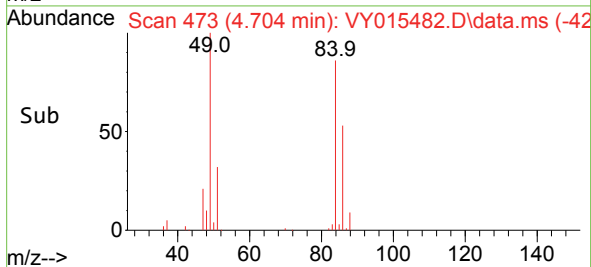
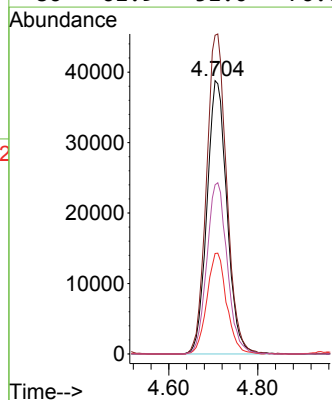
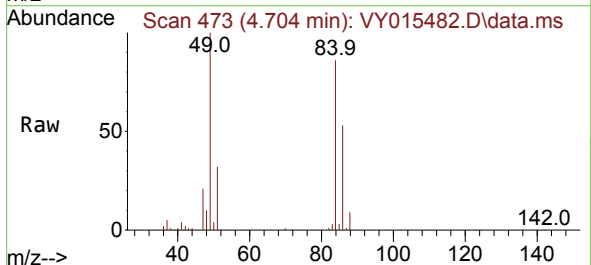
Instrument :
MSVOA_Y
ClientSampleId :

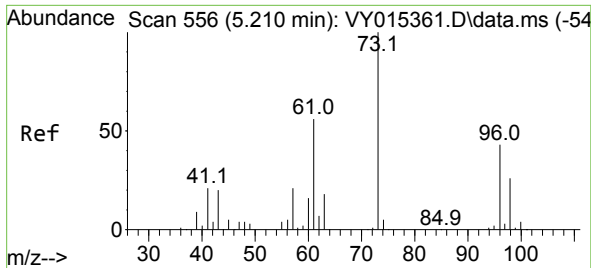
Tgt Ion: 73 Resp: 328931
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 45.109 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion: 84 Resp: 121112
Ion Ratio Lower Upper
84 100
49 116.7 106.9 160.3
51 36.8 33.2 49.8
86 61.9 51.0 76.6

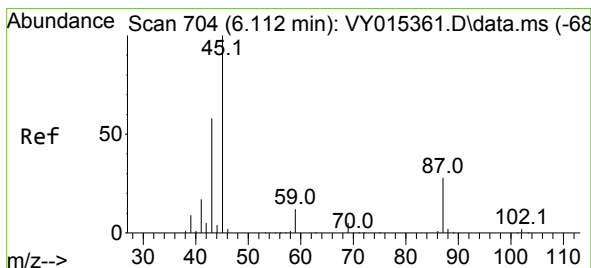
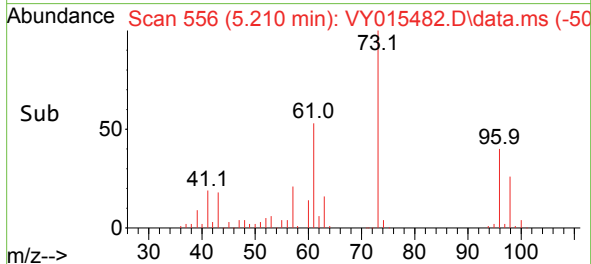
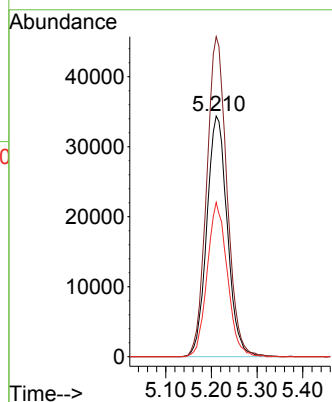
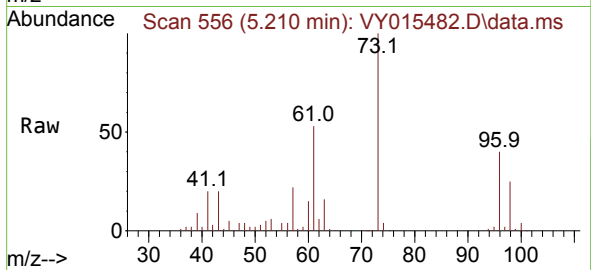




#21
trans-1,2-Dichloroethene
Concen: 50.910 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

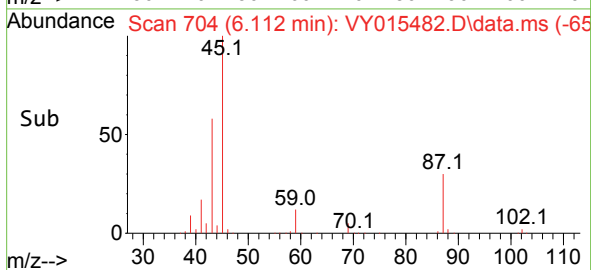
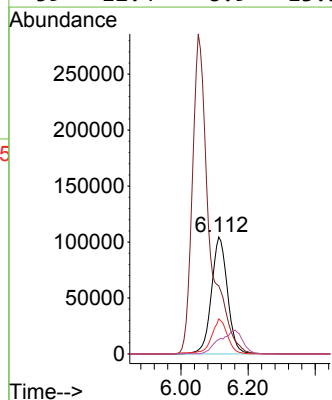
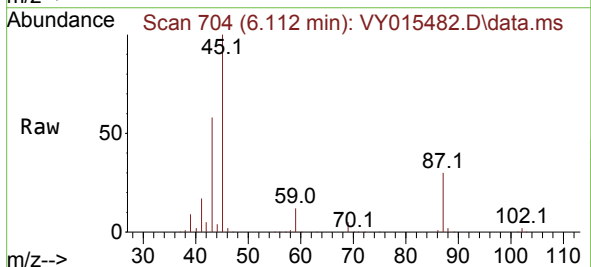
Instrument :
MSVOA_Y
ClientSampleId :

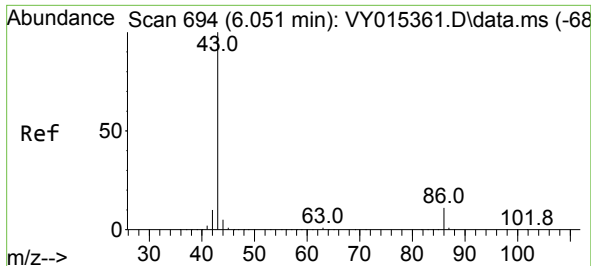
Tgt Ion: 96 Resp: 107185
Ion Ratio Lower Upper
96 100
61 133.0 110.2 165.4
98 64.1 51.8 77.6



#22
Diisopropyl ether
Concen: 54.518 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion: 45 Resp: 347092
Ion Ratio Lower Upper
45 100
43 58.1 52.2 78.4
87 30.0 21.0 31.6
59 12.4 8.9 13.3

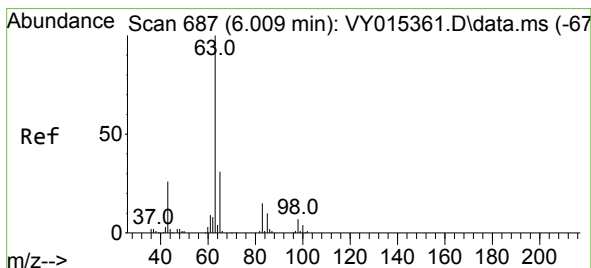
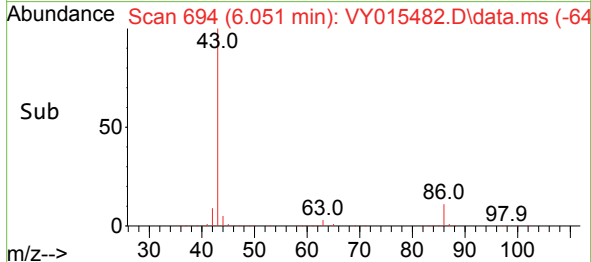
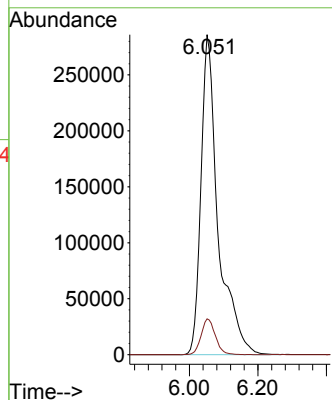
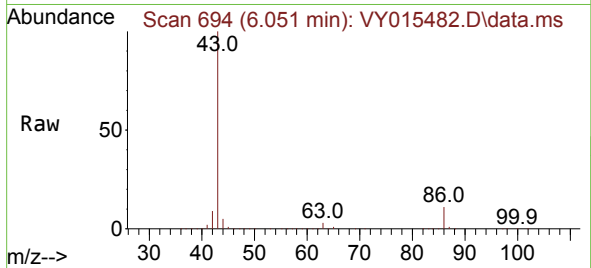




#23
 Vinyl Acetate
 Concen: 247.707 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015482.D
 Acq: 11 Sep 2023 11:21

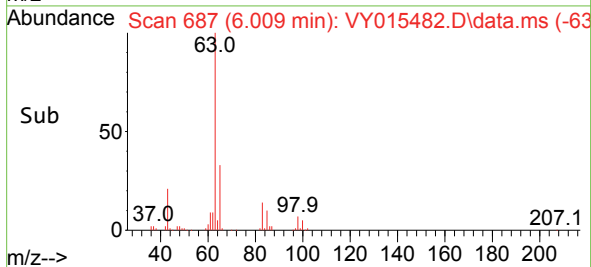
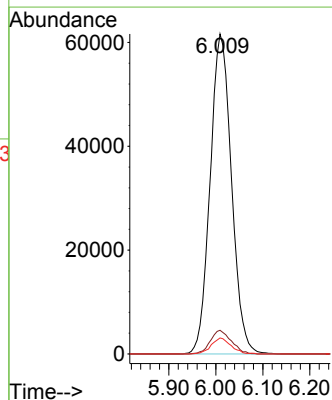
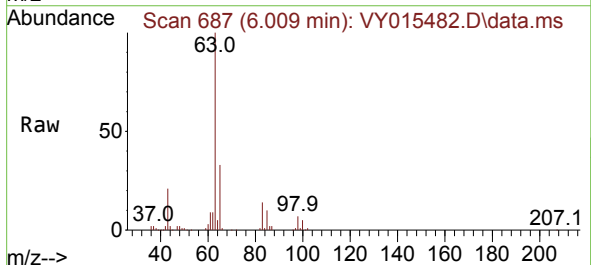
Instrument :
 MSVOA_Y
 ClientSampleId :

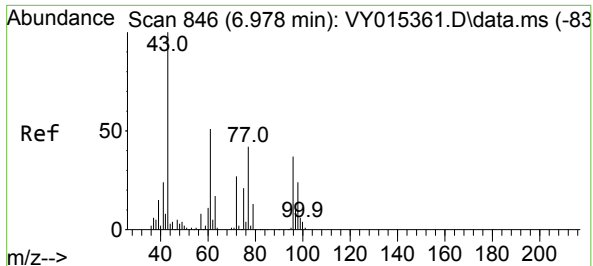
Tgt Ion: 43 Resp: 995718
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.801 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015482.D
 Acq: 11 Sep 2023 11:21

Tgt Ion: 63 Resp: 194327
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 270.466 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

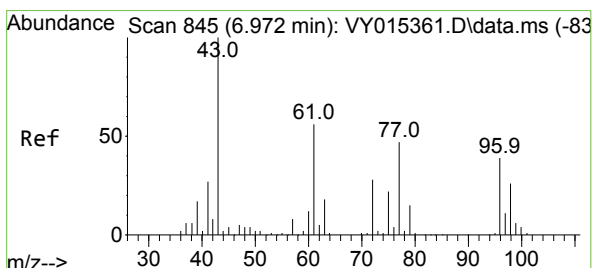
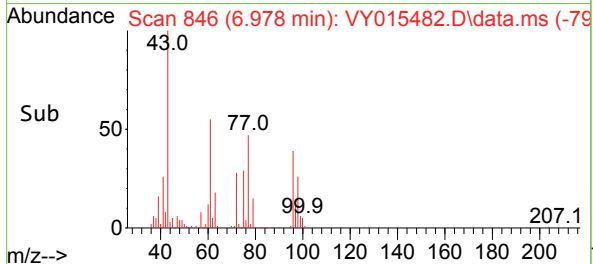
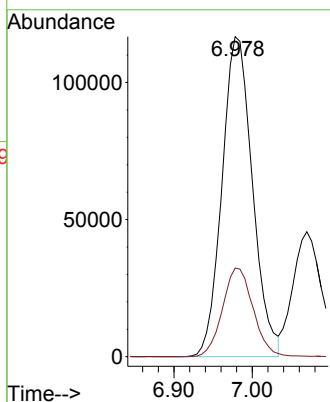
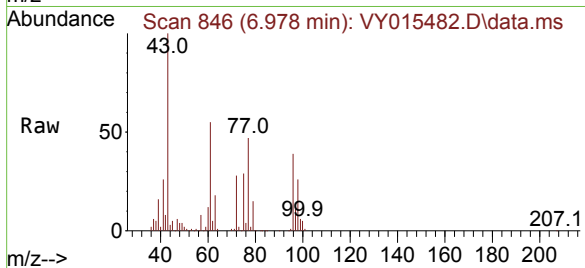
ClientSampleId :

Tgt Ion: 43 Resp: 315694

Ion Ratio Lower Upper

43 100

72 27.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 54.380 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015482.D

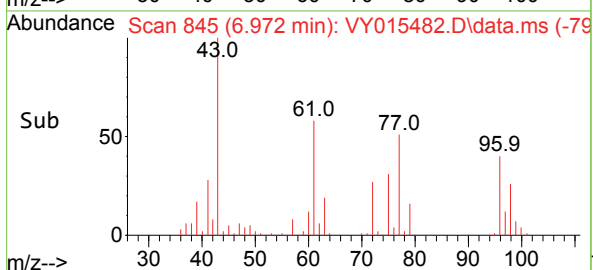
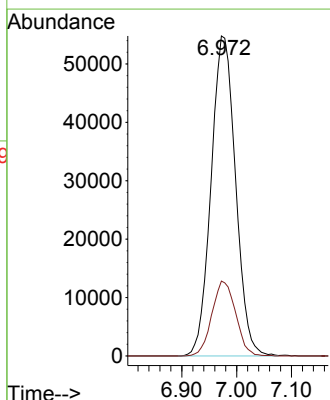
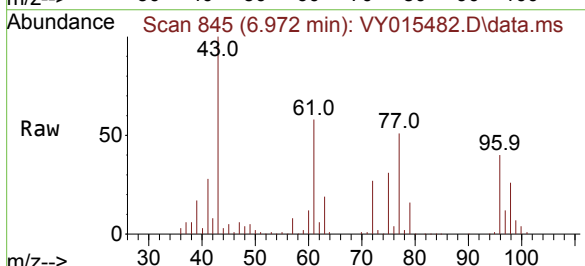
Acq: 11 Sep 2023 11:21

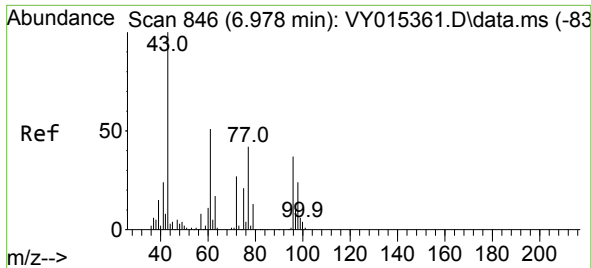
Tgt Ion: 77 Resp: 169988

Ion Ratio Lower Upper

77 100

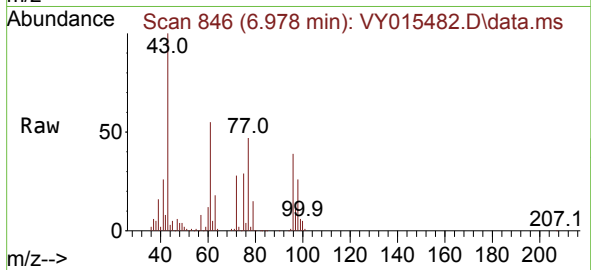
97 22.7 10.9 32.9



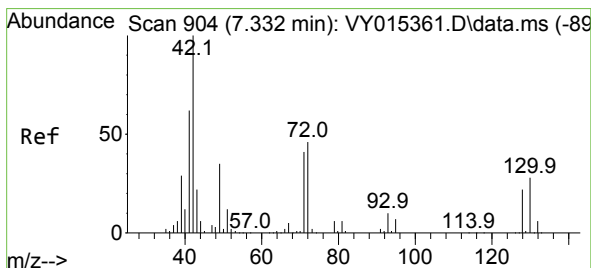
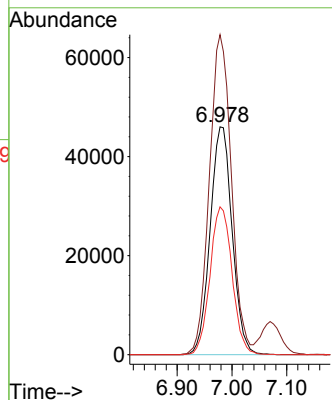
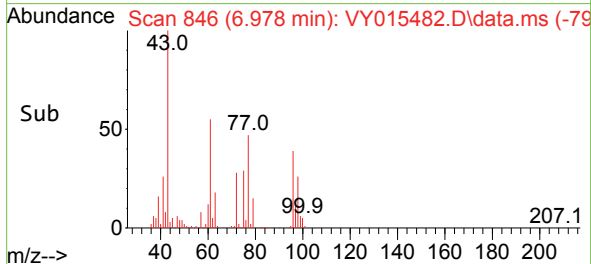


#27
 cis-1,2-Dichloroethene
 Concen: 53.704 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY015482.D
 Acq: 11 Sep 2023 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :

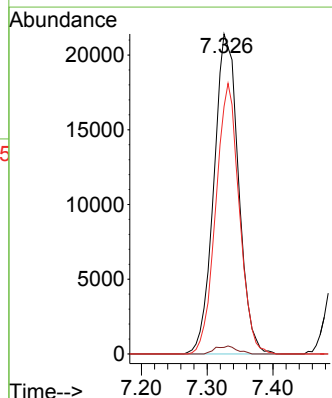
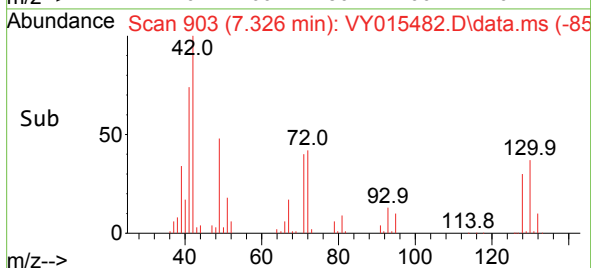
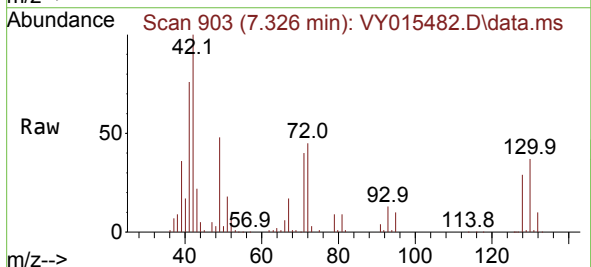


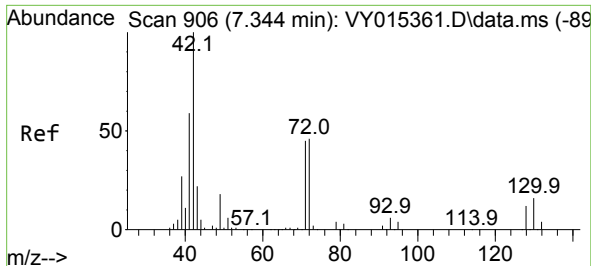
Tgt Ion: 96 Resp: 128269
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 301.4
 98 65.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 49.392 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY015482.D
 Acq: 11 Sep 2023 11:21

Tgt Ion: 49 Resp: 55745
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 80.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 280.152 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

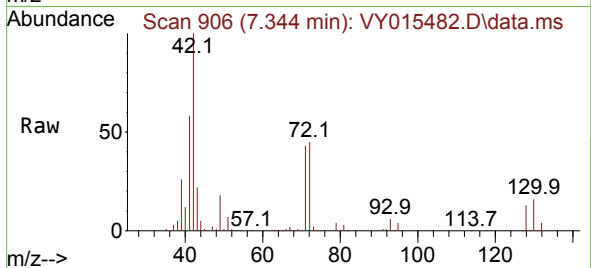
Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :



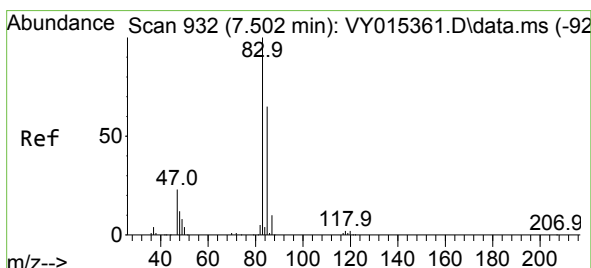
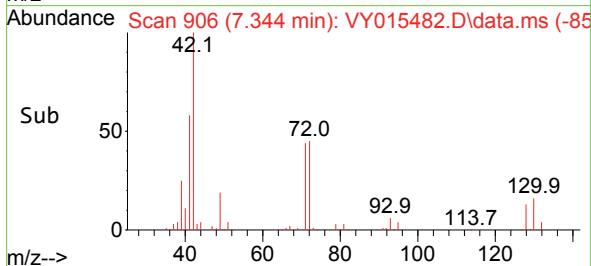
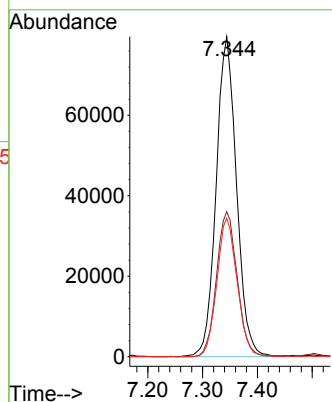
Tgt Ion: 42 Resp: 205348

Ion Ratio Lower Upper

42 100

72 46.0 32.8 49.2

71 43.1 31.0 46.4



#30

Chloroform

Concen: 54.765 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015482.D

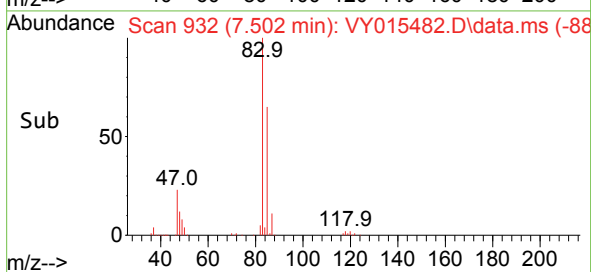
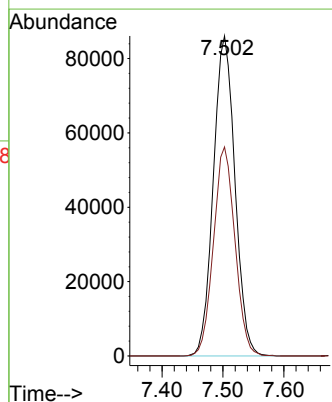
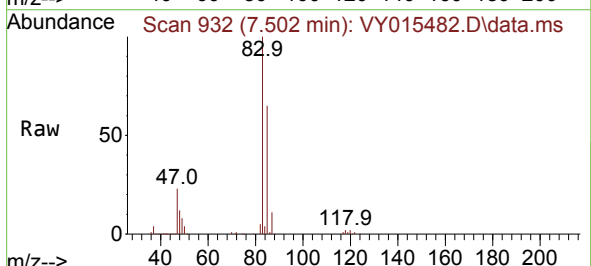
Acq: 11 Sep 2023 11:21

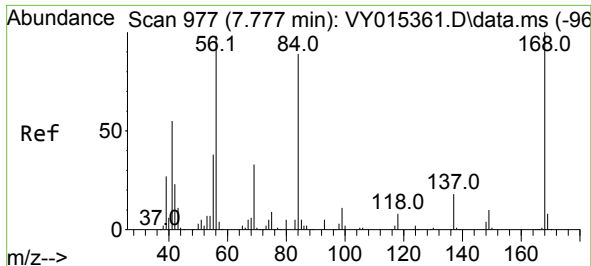
Tgt Ion: 83 Resp: 211881

Ion Ratio Lower Upper

83 100

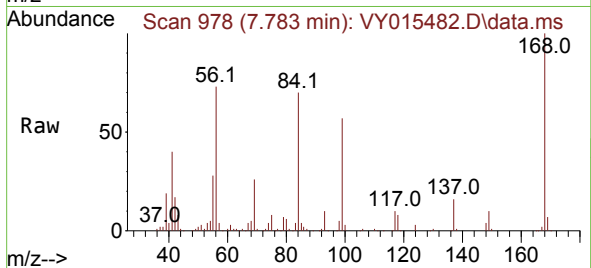
85 65.3 49.7 74.5



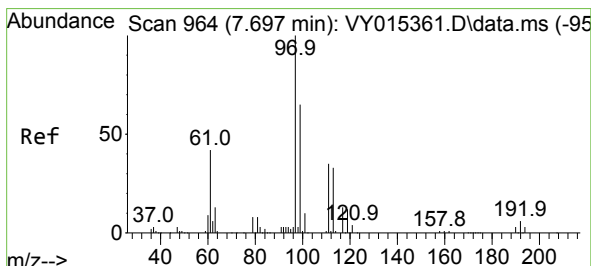
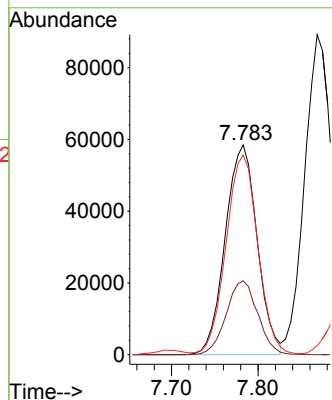
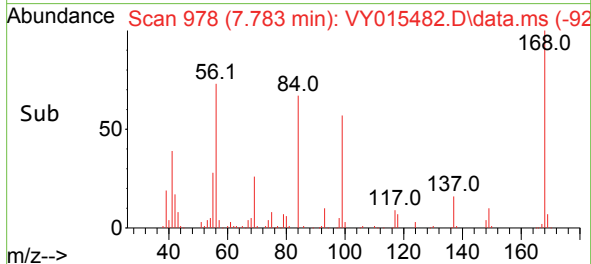


#31
Cyclohexane
Concen: 42.708 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

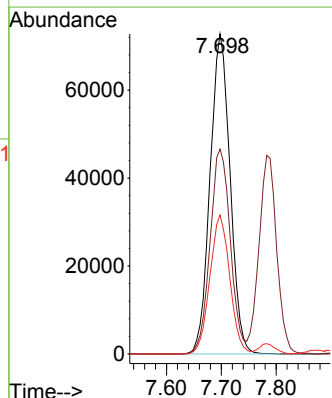
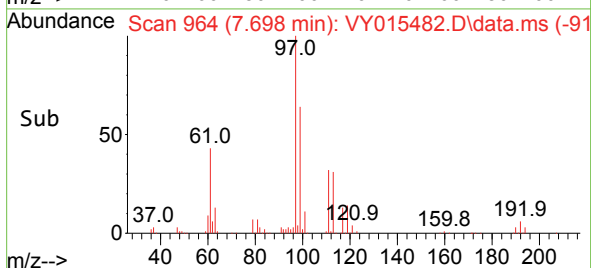
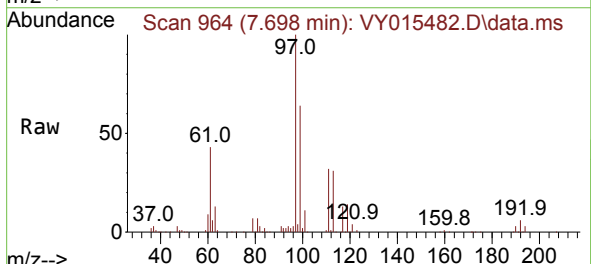


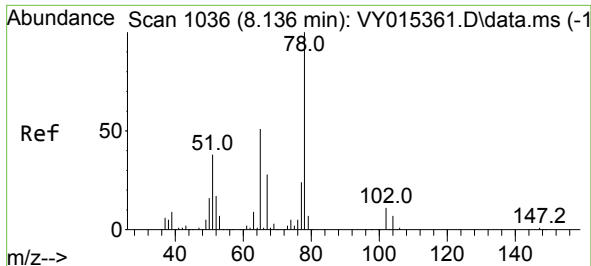
Tgt Ion: 56 Resp: 149577
Ion Ratio Lower Upper
56 100
69 35.2 27.8 41.6
84 93.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.234 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion: 97 Resp: 183963
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 43.2 35.1 52.7

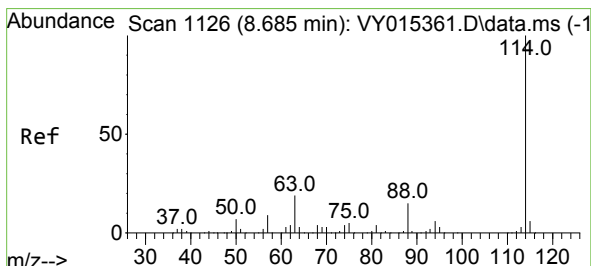
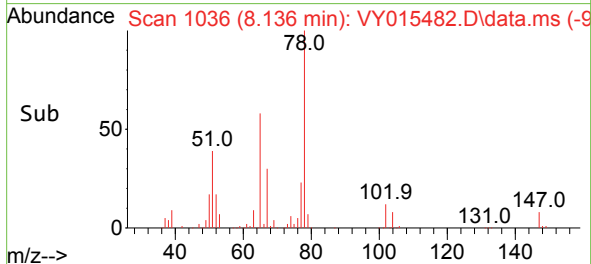
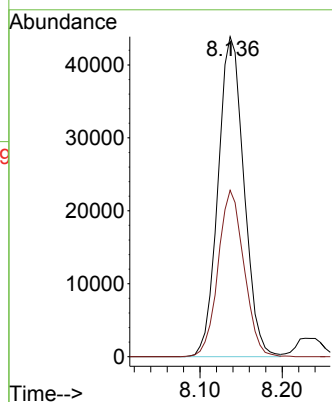
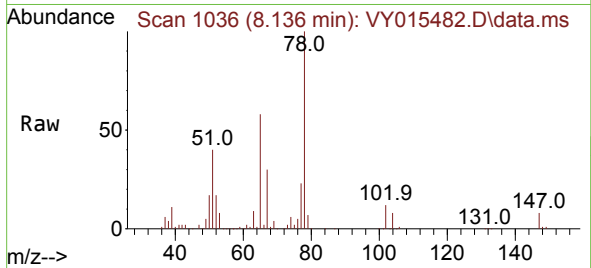




#33
 1,2-Dichloroethane-d4
 Concen: 48.745 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015482.D
 Acq: 11 Sep 2023 11:21

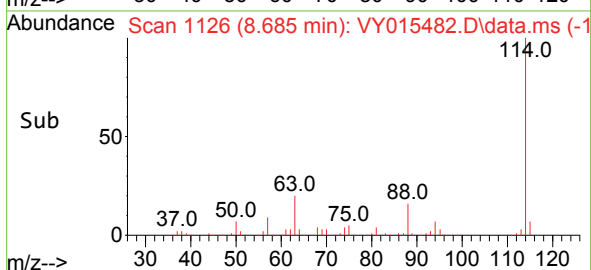
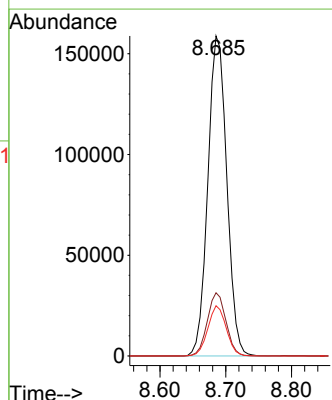
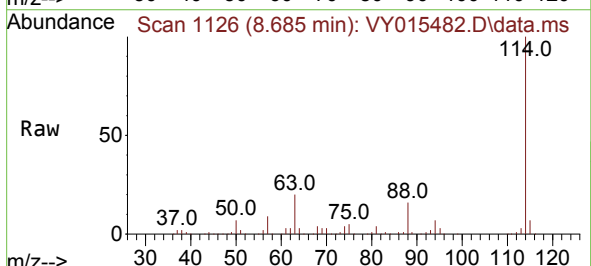
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 96108
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015482.D
 Acq: 11 Sep 2023 11:21

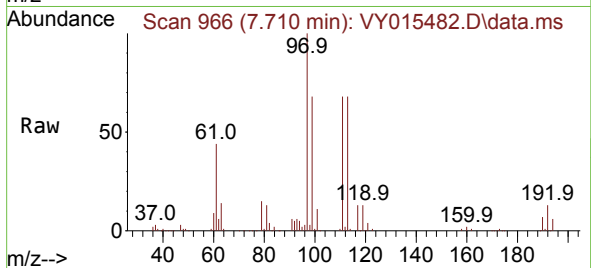
Tgt Ion: 114 Resp: 318914
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 15.7 0.0 30.6



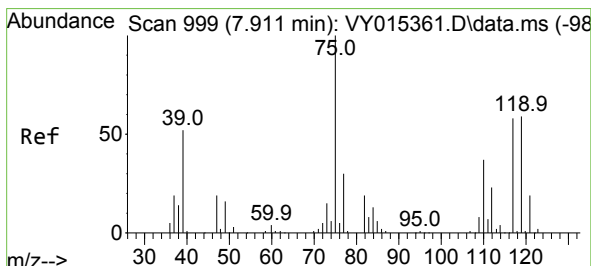
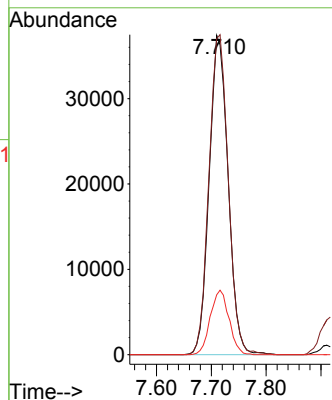
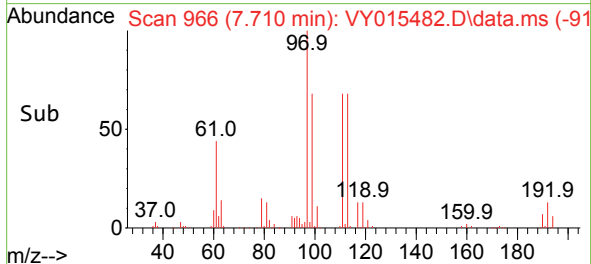


#35
Dibromofluoromethane
Concen: 48.716 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

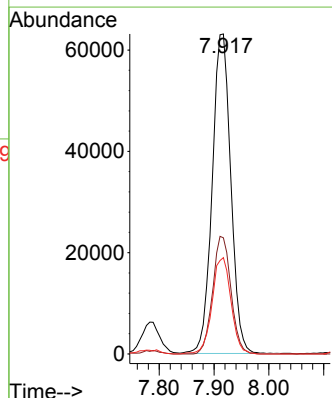
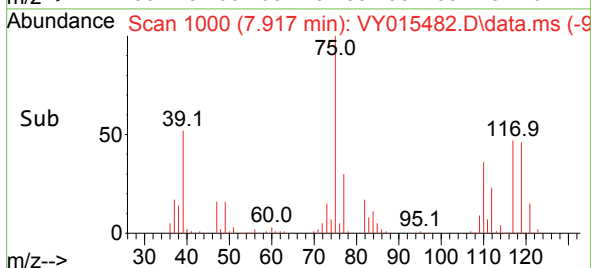
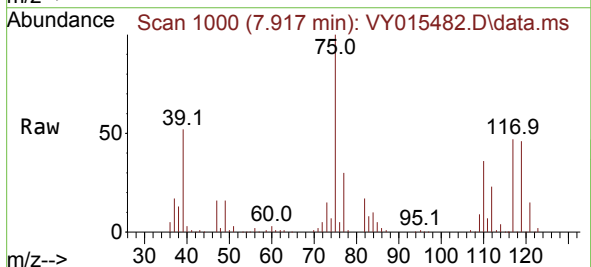


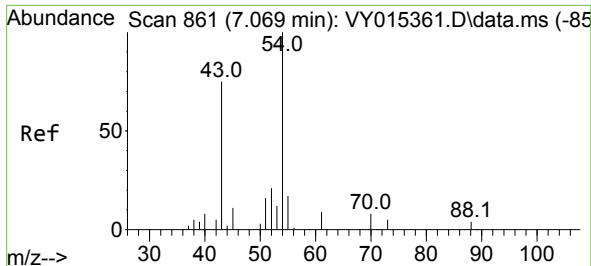
Tgt Ion:113 Resp: 89486
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 46.000 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion: 75 Resp: 148366
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 48.422 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

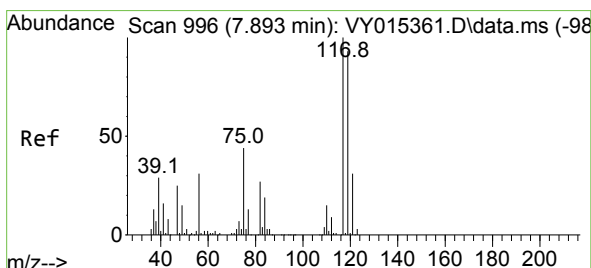
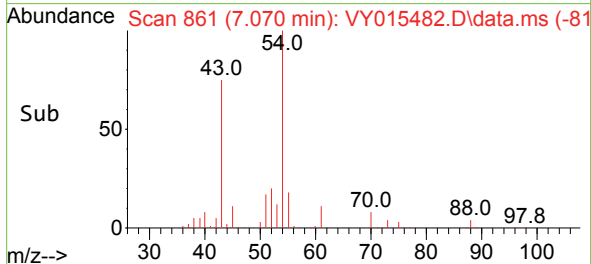
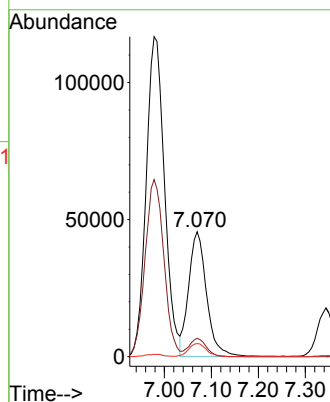
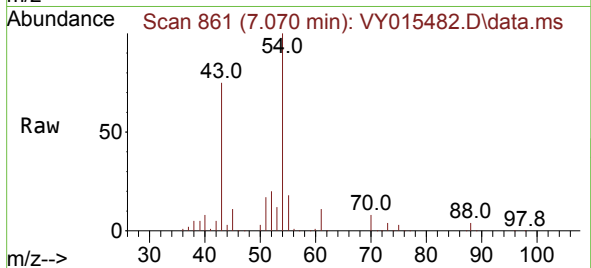
Tgt Ion: 43 Resp: 120453

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 48.709 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

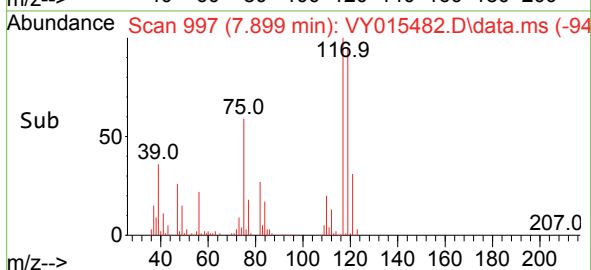
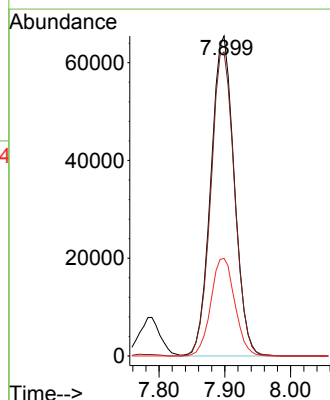
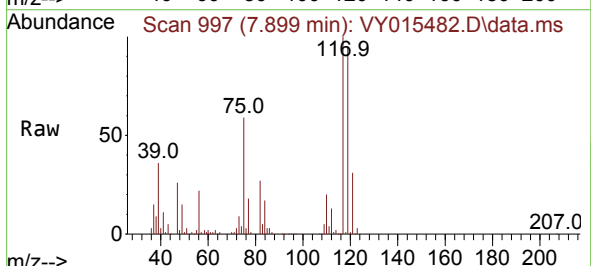
Tgt Ion: 117 Resp: 162258

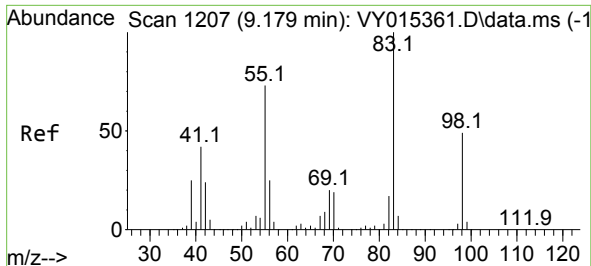
Ion Ratio Lower Upper

117 100

119 95.1 76.4 114.6

121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 42.277 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

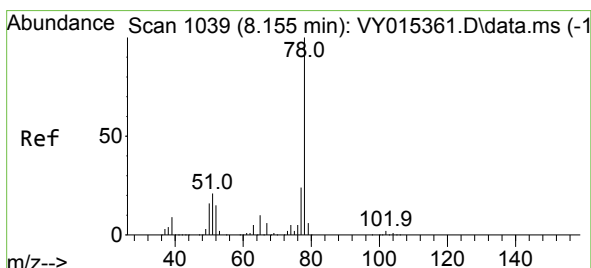
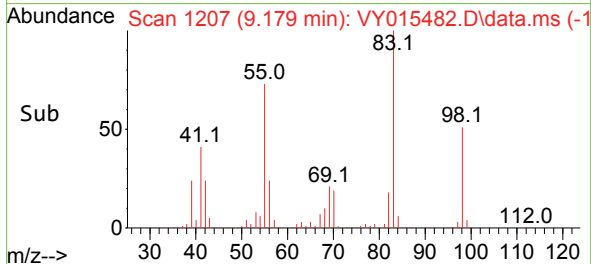
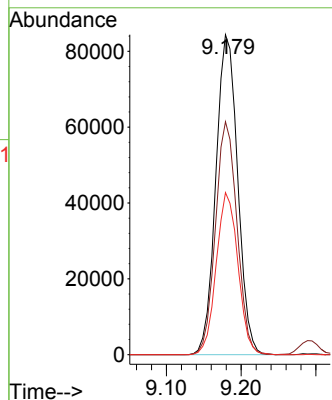
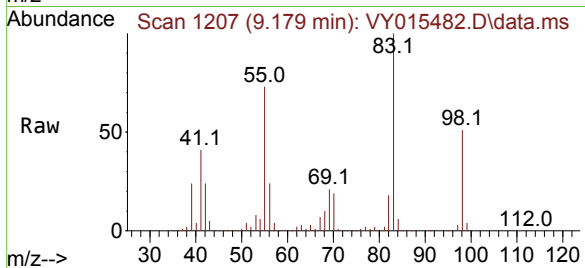
Tgt Ion: 83 Resp: 171666

Ion Ratio Lower Upper

83 100

55 72.8 63.0 94.4

98 50.6 37.4 56.2



#40

Benzene

Concen: 48.944 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015482.D

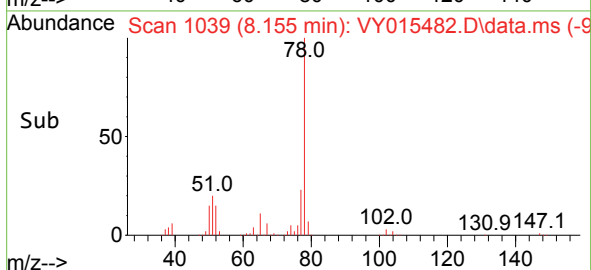
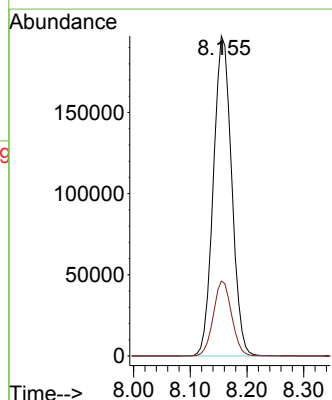
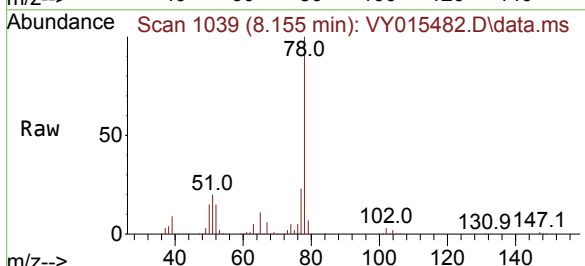
Acq: 11 Sep 2023 11:21

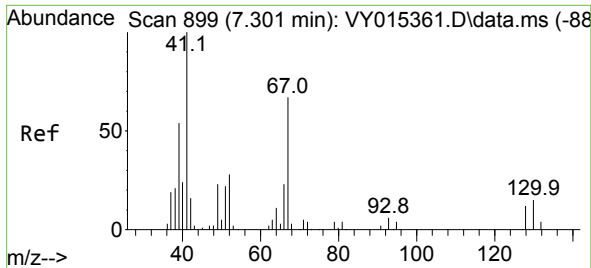
Tgt Ion: 78 Resp: 440434

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

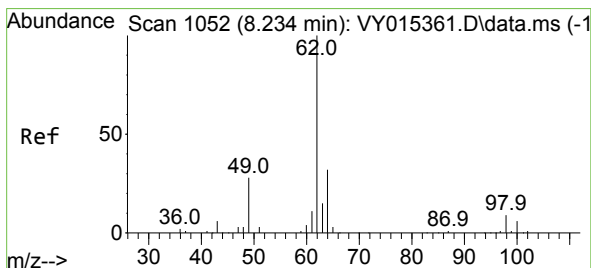
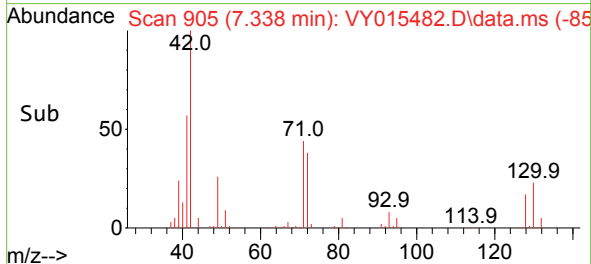
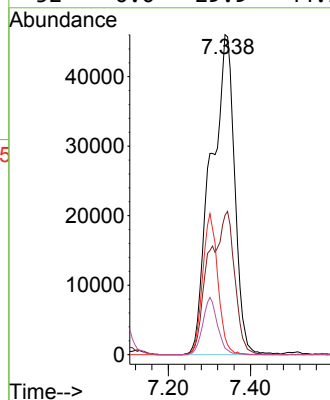
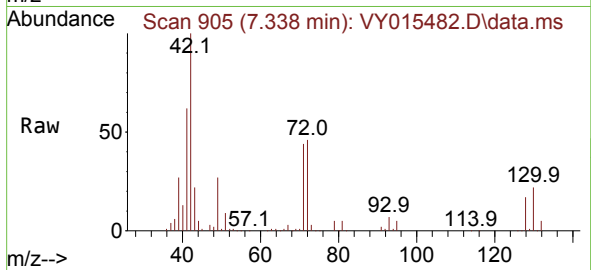




#41
Methacrylonitrile
Concen: 157.323 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.024 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

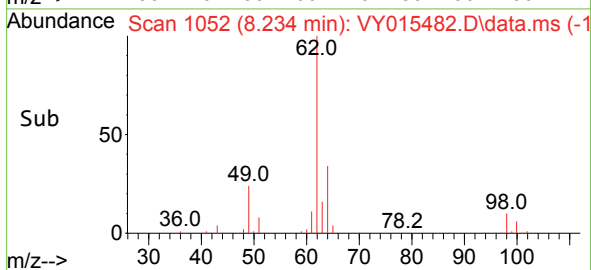
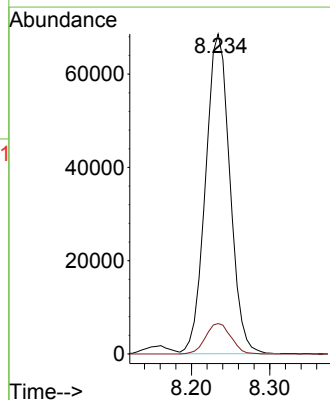
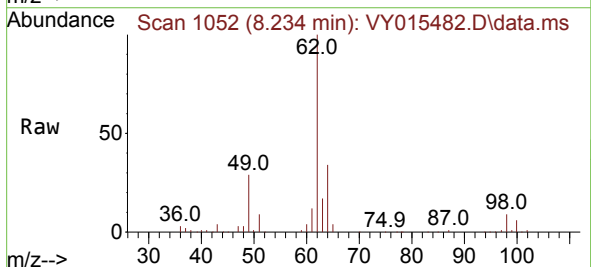
Instrument :
MSVOA_Y
ClientSampleId :

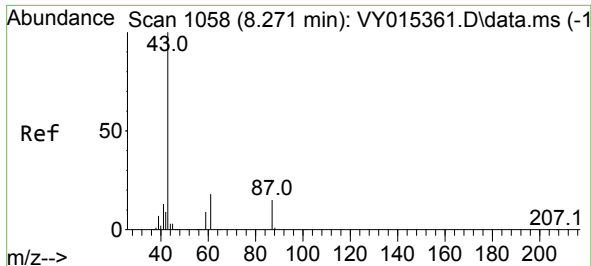
Tgt Ion: 41 Resp: 183519
Ion Ratio Lower Upper
41 100
39 27.3 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 49.326 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

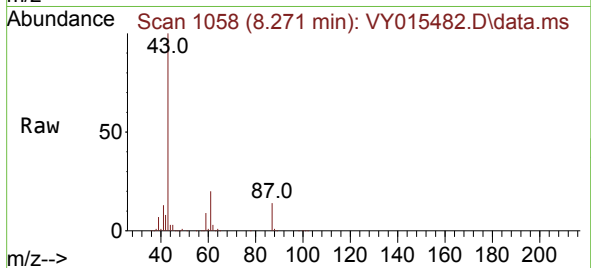
Tgt Ion: 62 Resp: 148011
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8



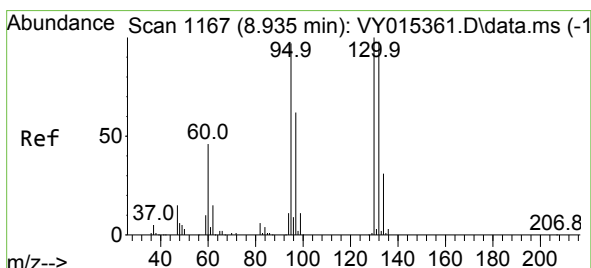
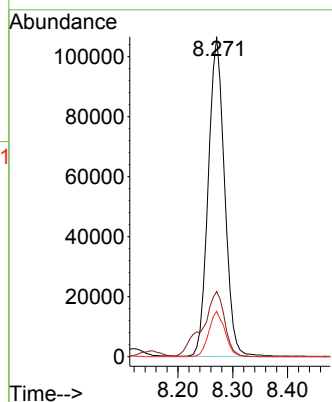
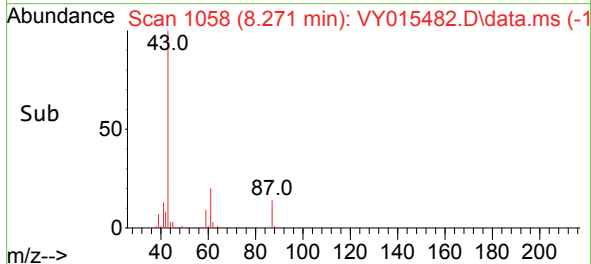


#43
Isopropyl Acetate
Concen: 50.889 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

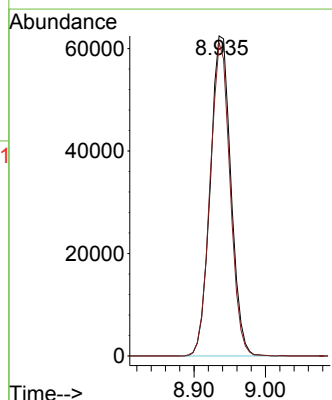
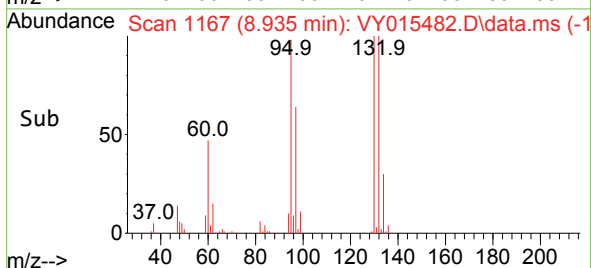
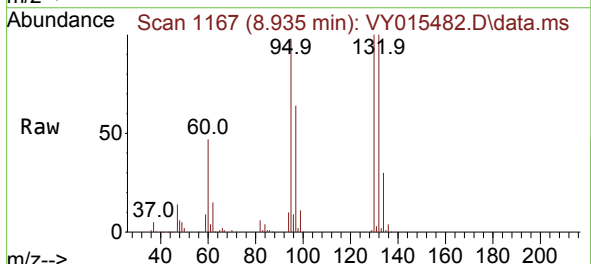


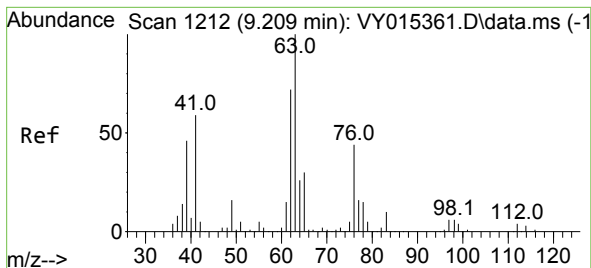
Tgt Ion: 43 Resp: 218900
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 49.080 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion:130 Resp: 124959
Ion Ratio Lower Upper
130 100
95 97.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.293 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

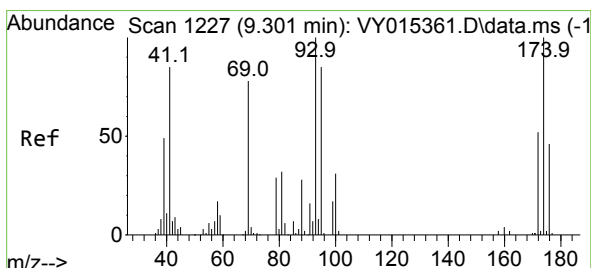
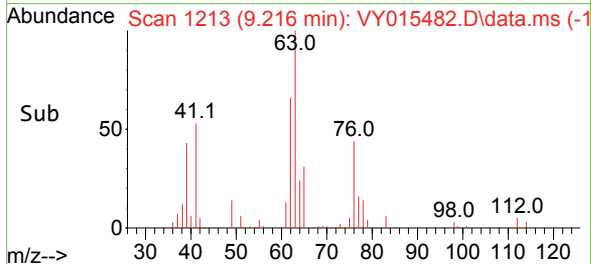
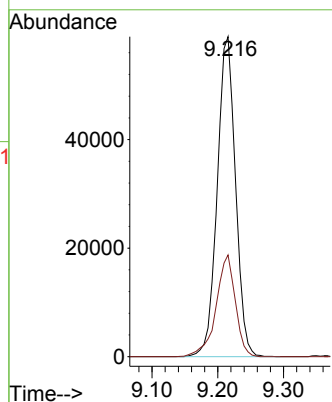
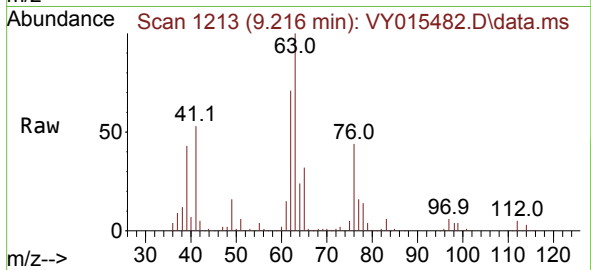
ClientSampleId :

Tgt Ion: 63 Resp: 114088

Ion Ratio Lower Upper

63 100

65 31.8 23.8 35.6



#46

Dibromomethane

Concen: 49.749 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

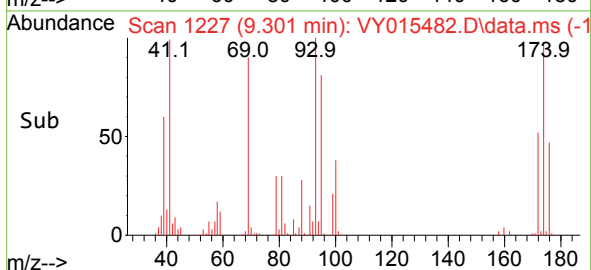
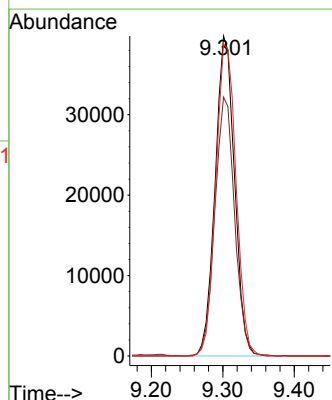
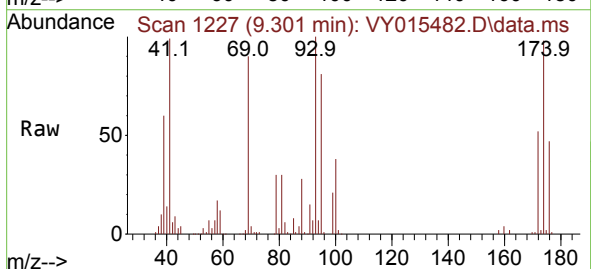
Tgt Ion: 93 Resp: 74964

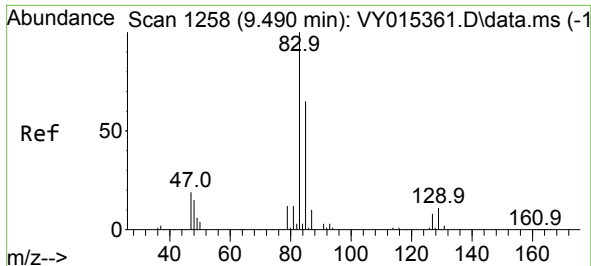
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 101.6 84.8 127.2

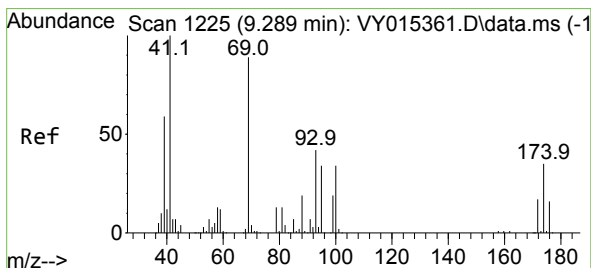
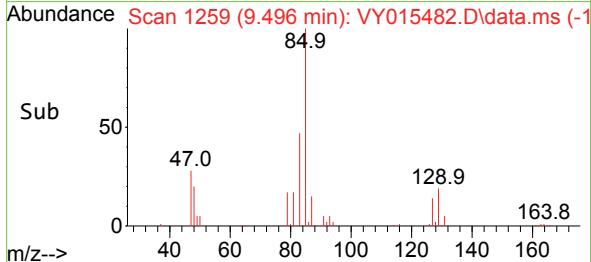
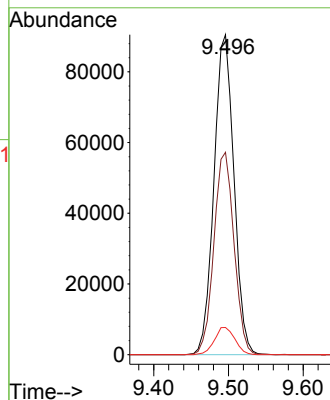
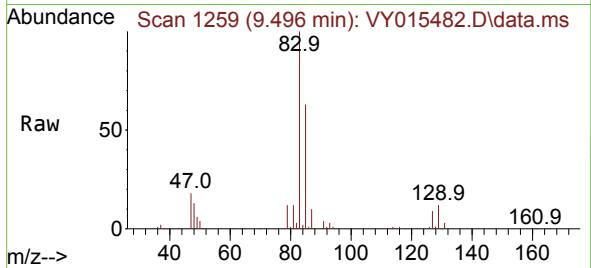




#47
Bromodichloromethane
Concen: 52.226 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

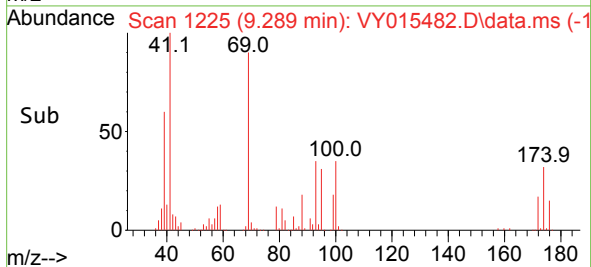
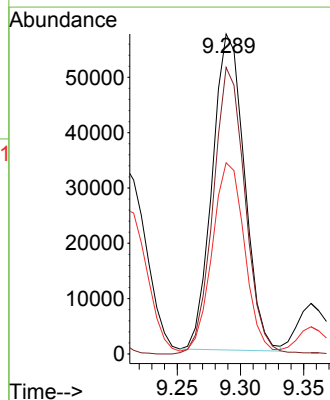
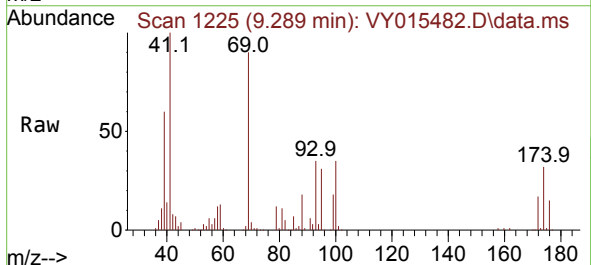
Instrument :
MSVOA_Y
ClientSampleId :

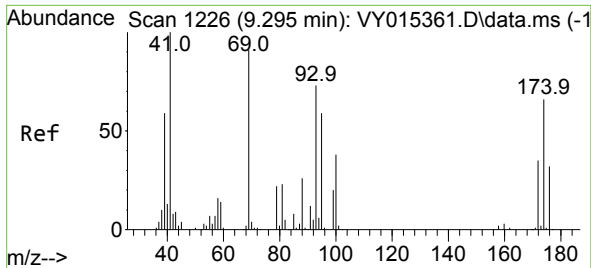
Tgt Ion: 83 Resp: 168294
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 51.250 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion: 41 Resp: 101146
Ion Ratio Lower Upper
41 100
69 90.0 64.5 96.7
39 61.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1031.508 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

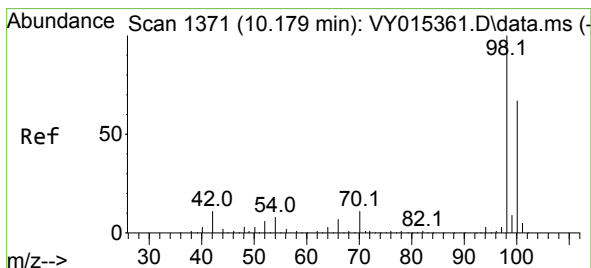
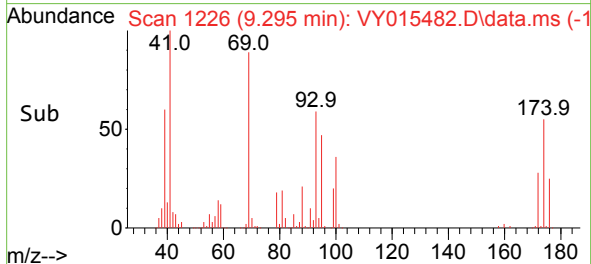
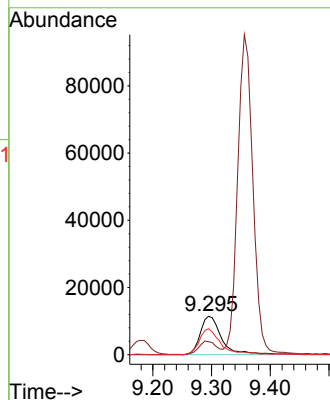
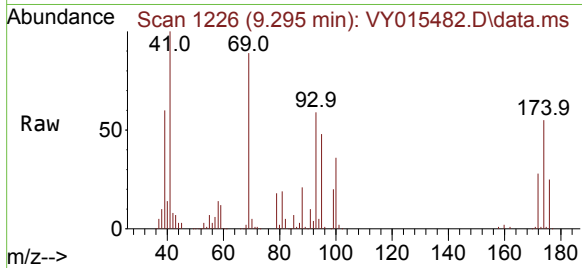
Tgt Ion: 88 Resp: 28871

Ion Ratio Lower Upper

88 100

43 30.2 0.0 0.0#

58 68.2 30.9 46.3#



#50

Toluene-d8

Concen: 45.438 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015482.D

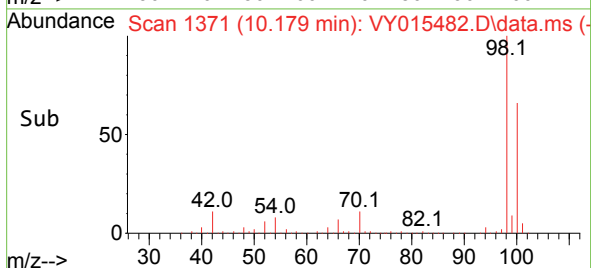
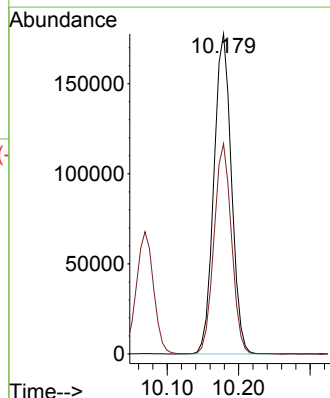
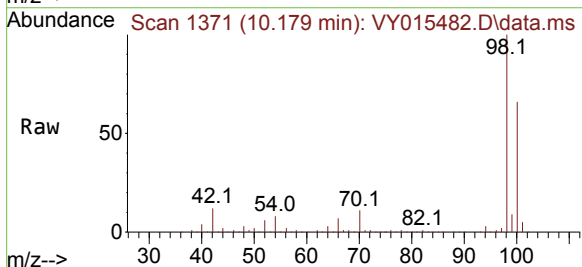
Acq: 11 Sep 2023 11:21

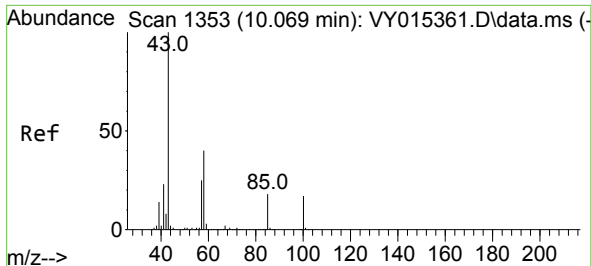
Tgt Ion: 98 Resp: 302256

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 268.431 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

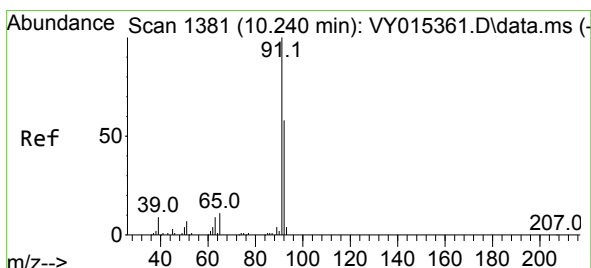
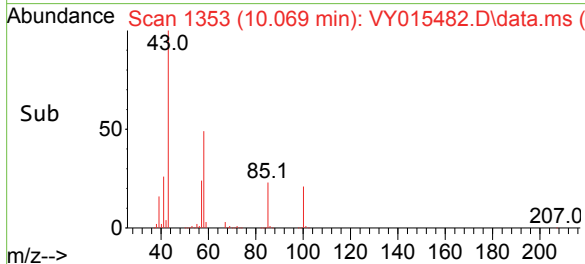
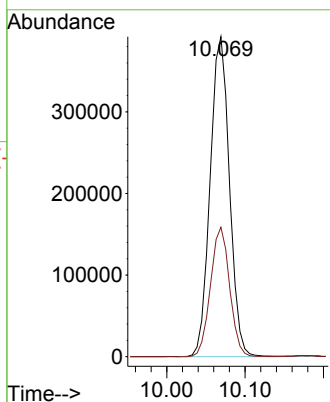
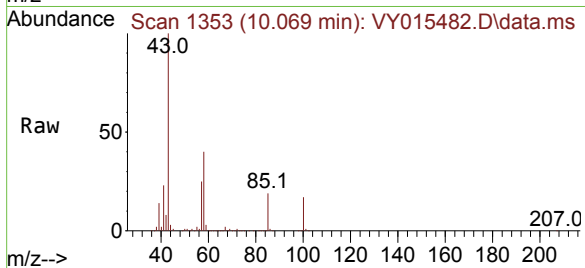
ClientSampleId :

Tgt Ion: 43 Resp: 671115

Ion Ratio Lower Upper

43 100

58 40.1 29.0 43.6



#52

Toluene

Concen: 50.001 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY015482.D

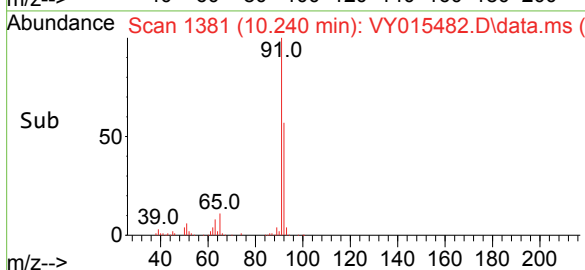
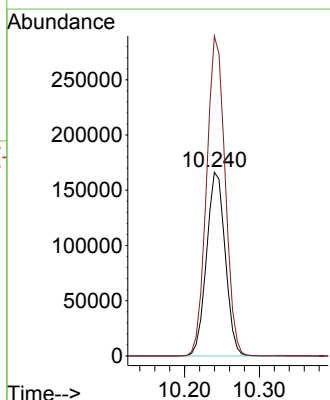
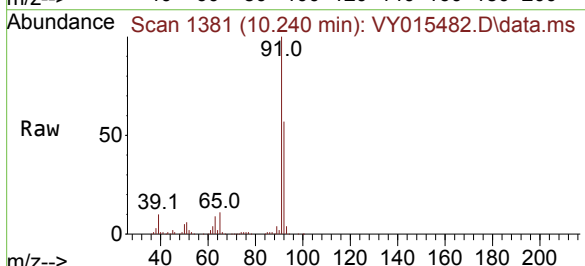
Acq: 11 Sep 2023 11:21

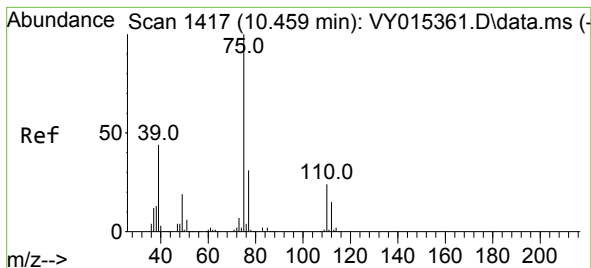
Tgt Ion: 92 Resp: 288387

Ion Ratio Lower Upper

92 100

91 172.9 143.8 215.6

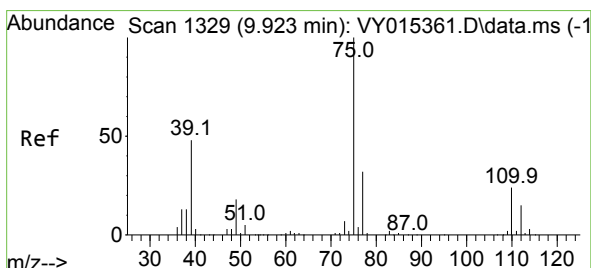
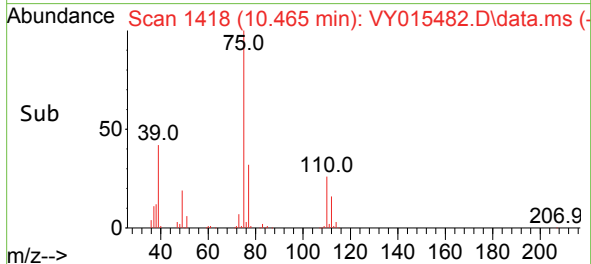
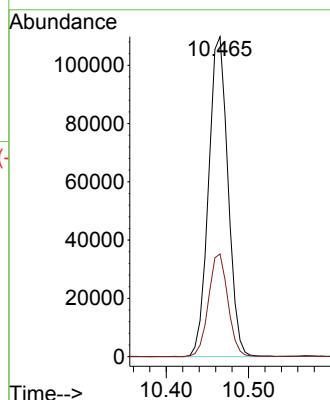
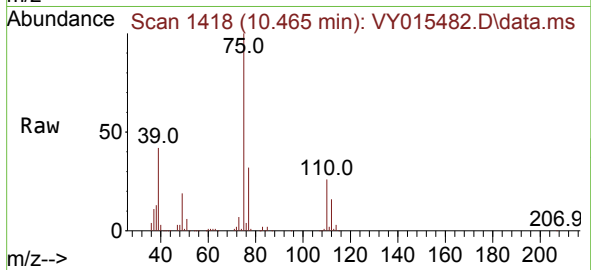




#53
 t-1,3-Dichloropropene
 Concen: 52.453 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015482.D
 Acq: 11 Sep 2023 11:21

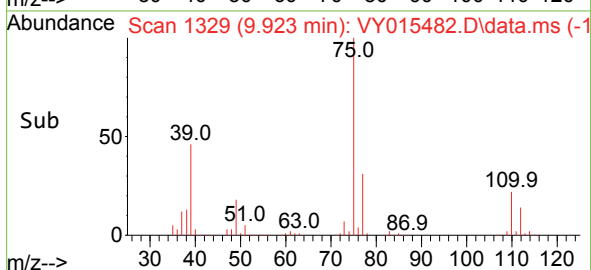
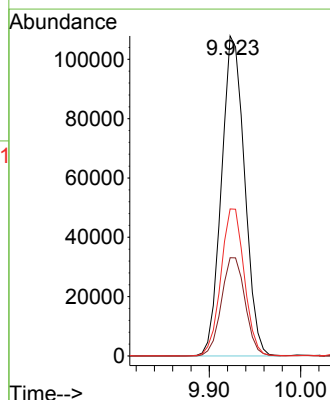
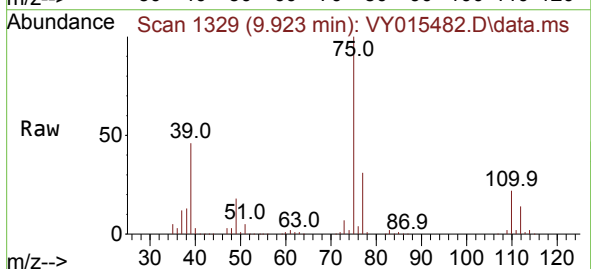
Instrument :
 MSVOA_Y
 ClientSampleId :

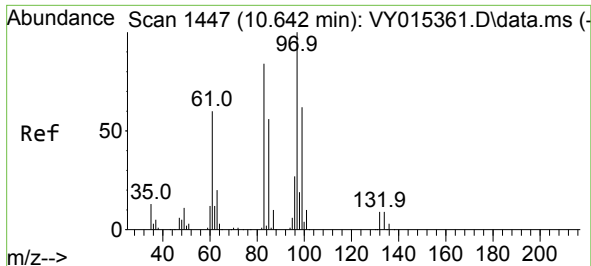
Tgt Ion: 75 Resp: 179634
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.975 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY015482.D
 Acq: 11 Sep 2023 11:21

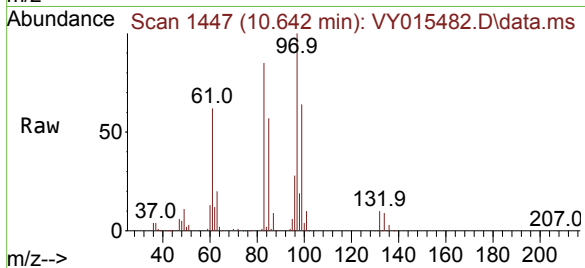
Tgt Ion: 75 Resp: 189903
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.2 36.4
 39 46.0 42.2 63.4



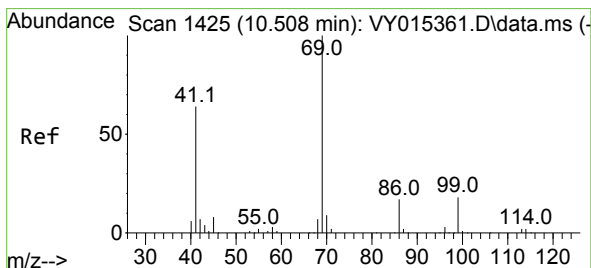
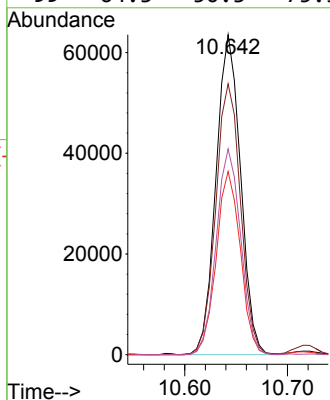
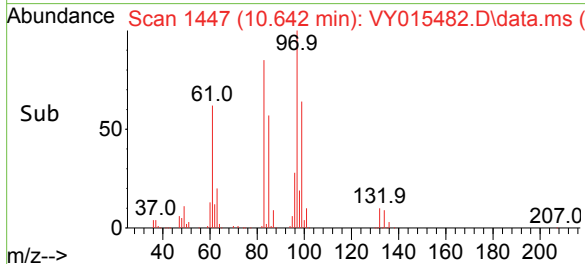


#55
1,1,2-Trichloroethane
Concen: 51.940 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

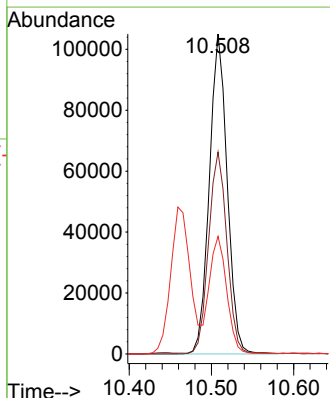
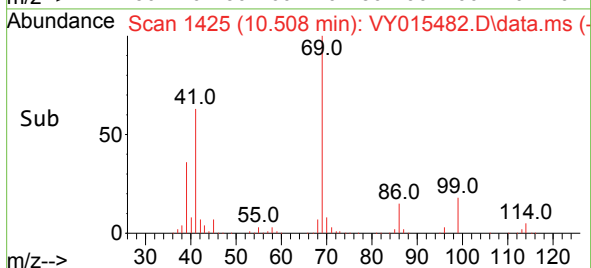
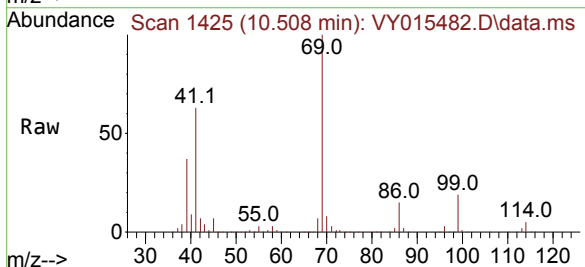


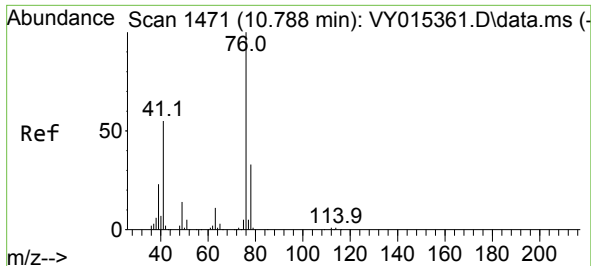
Tgt Ion:	97	Resp:	105457
Ion	Ratio	Lower	Upper
97	100		
83	84.7	72.0	108.0
85	57.3	45.4	68.0
99	64.3	50.3	75.5



#56
Ethyl methacrylate
Concen: 52.758 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion:	69	Resp:	158736
Ion	Ratio	Lower	Upper
69	100		
41	64.3	57.6	86.4
39	36.9	34.1	51.1





#57

1,3-Dichloropropane

Concen: 51.652 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

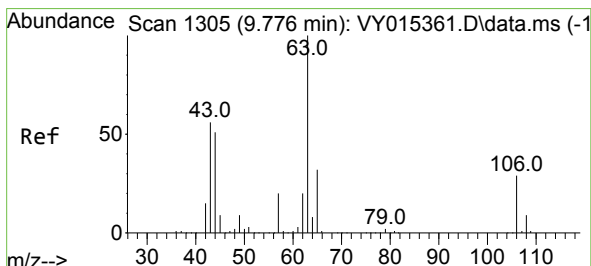
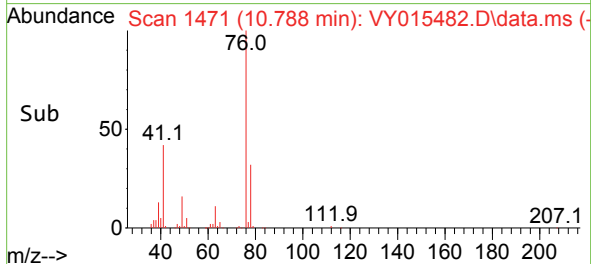
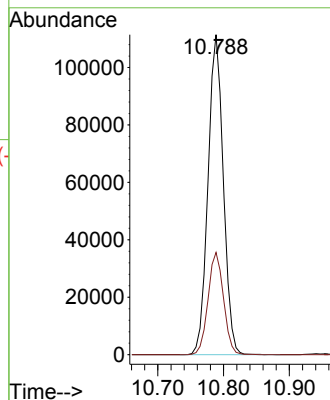
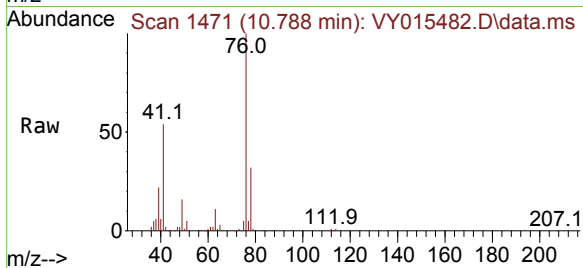
ClientSampleId :

Tgt Ion: 76 Resp: 180524

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 247.903 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015482.D

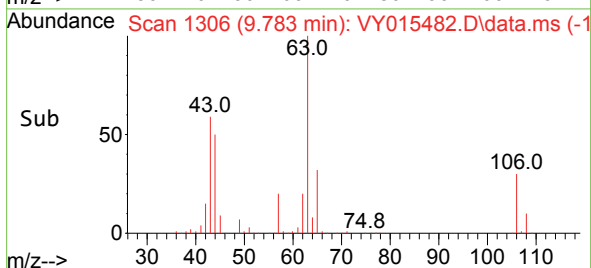
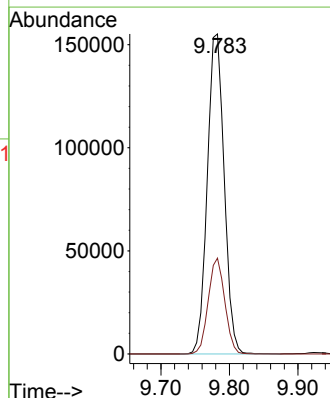
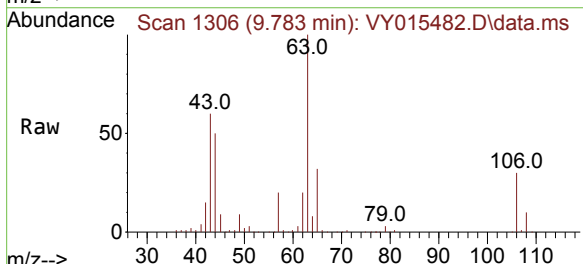
Acq: 11 Sep 2023 11:21

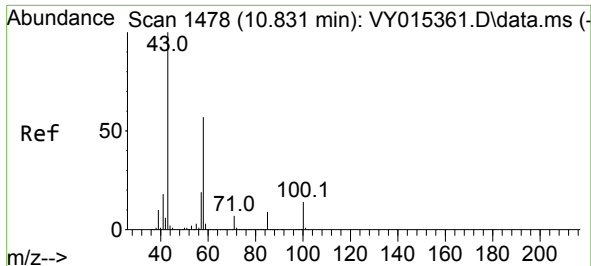
Tgt Ion: 63 Resp: 266231

Ion Ratio Lower Upper

63 100

106 29.3 21.2 31.8

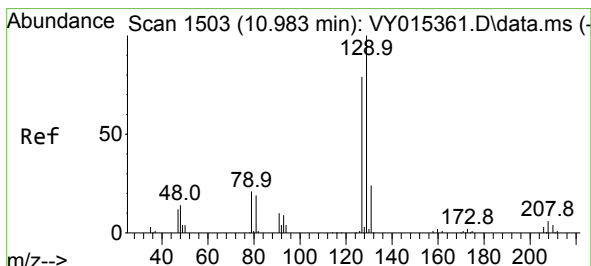
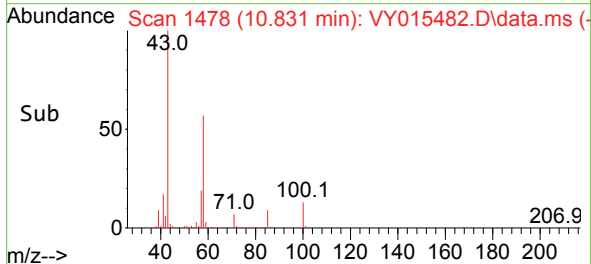
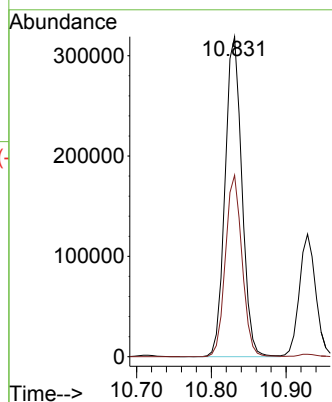
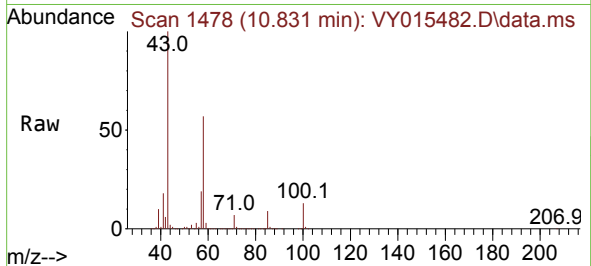




#59
2-Hexanone
Concen: 266.002 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

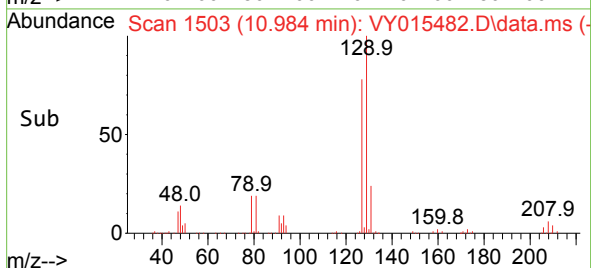
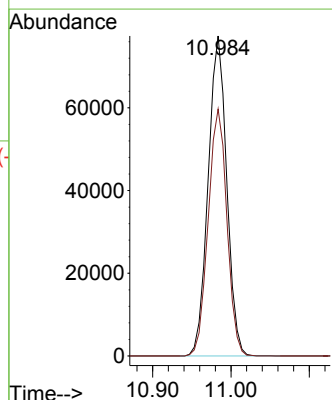
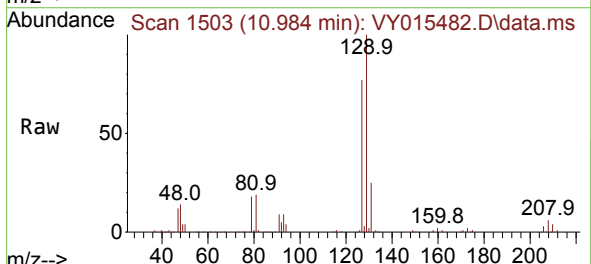
Instrument :
MSVOA_Y
ClientSampleId :

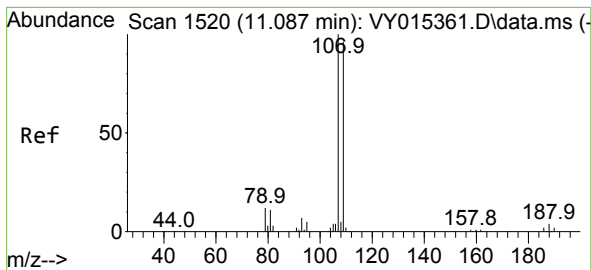
Tgt Ion: 43 Resp: 499015
Ion Ratio Lower Upper
43 100
58 56.1 25.1 75.3



#60
Dibromochloromethane
Concen: 53.547 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion:129 Resp: 127250
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

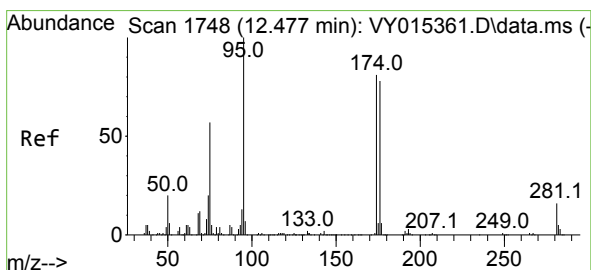
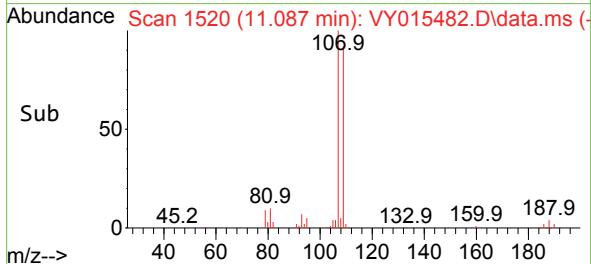
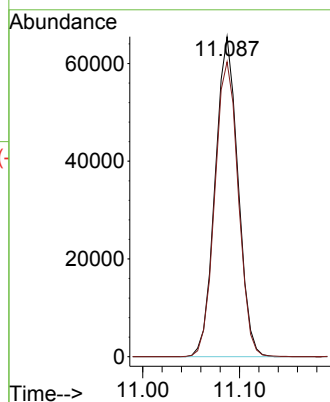
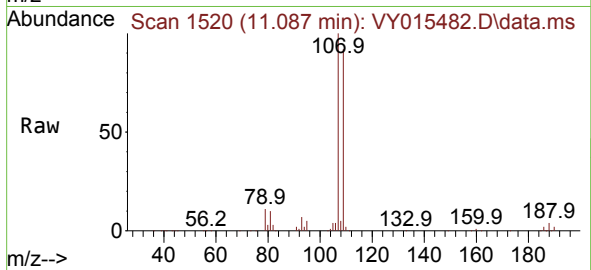




#61
1,2-Dibromoethane
Concen: 52.165 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

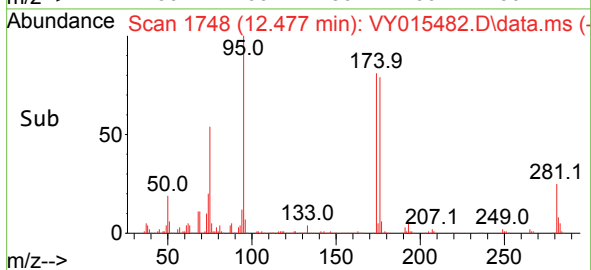
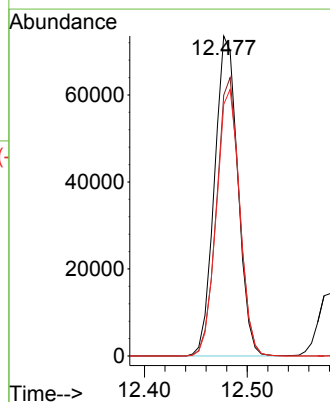
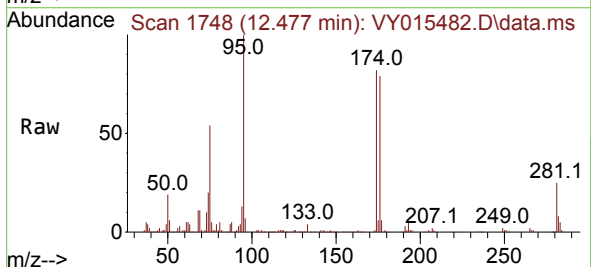
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 107319
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.790 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion: 95 Resp: 115547
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 83.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

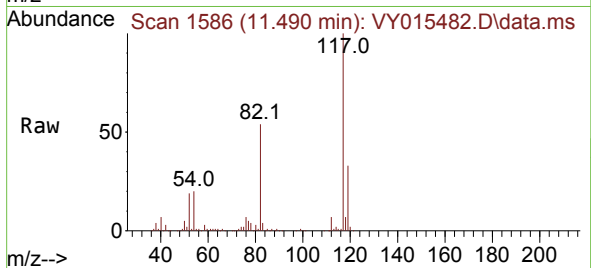
Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :



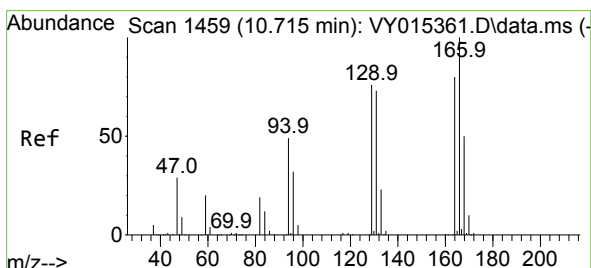
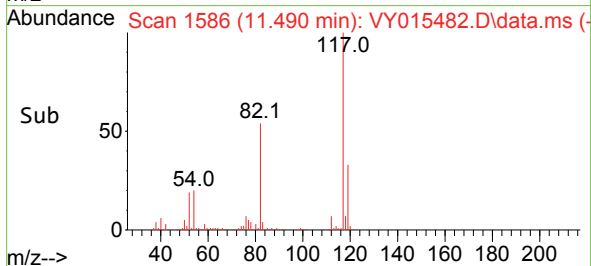
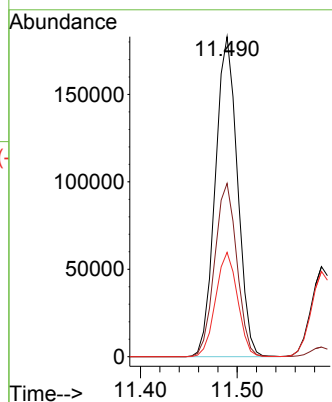
Tgt Ion:117 Resp: 291194

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 48.920 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Tgt Ion:164 Resp: 129300

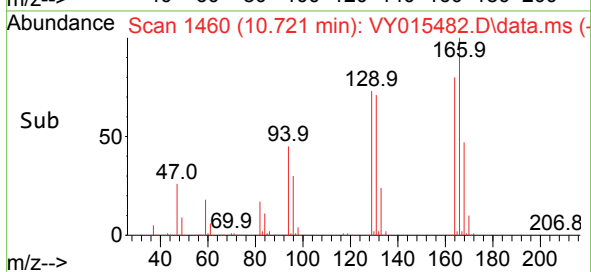
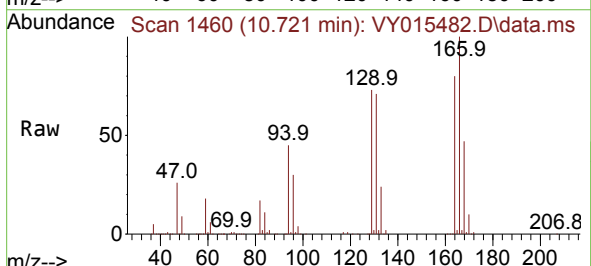
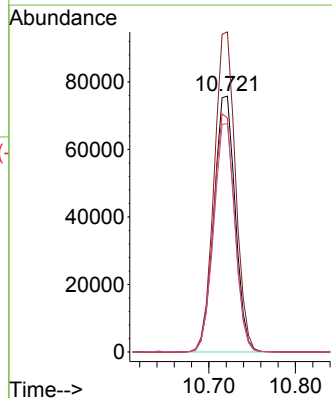
Ion Ratio Lower Upper

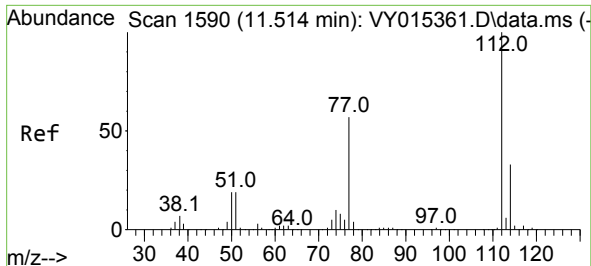
164 100

166 125.1 103.0 154.6

129 91.4 77.2 115.8

131 89.3 69.6 104.4

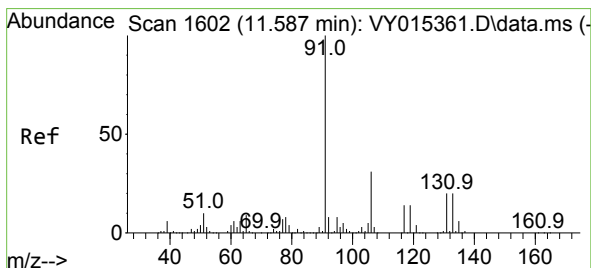
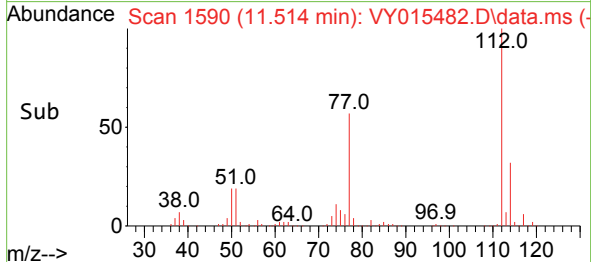
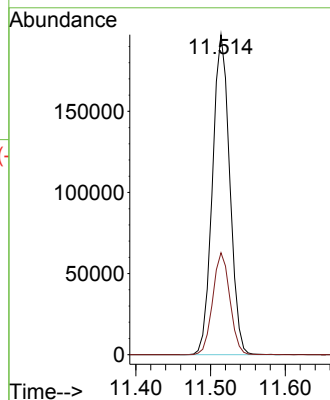
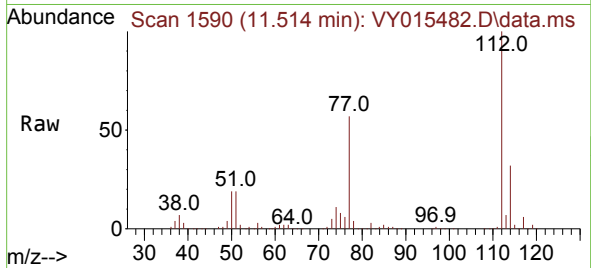




#65
Chlorobenzene
Concen: 50.364 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

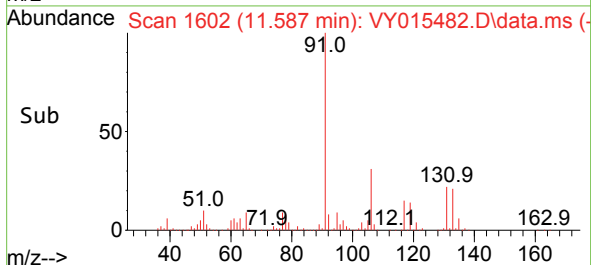
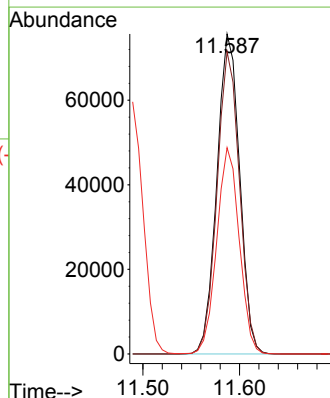
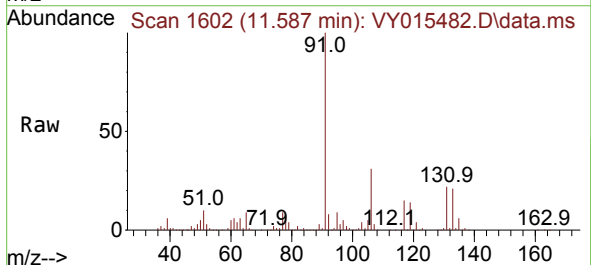
Instrument :
MSVOA_Y
ClientSampleId :

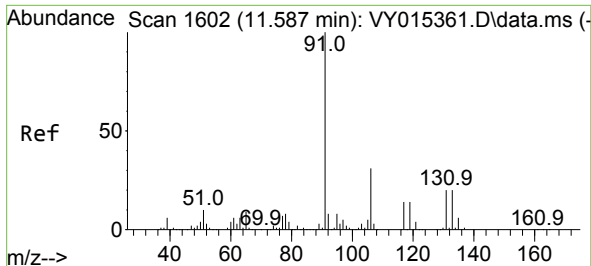
Tgt Ion:112 Resp: 316027
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.812 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion:131 Resp: 123589
Ion Ratio Lower Upper
131 100
133 93.4 47.5 142.6
119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 49.833 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

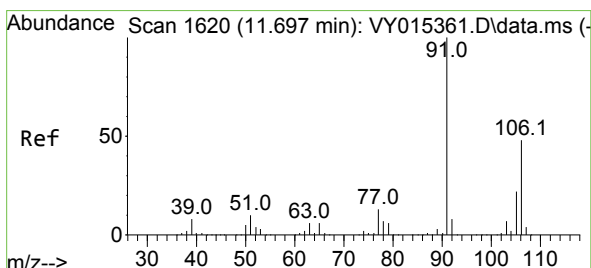
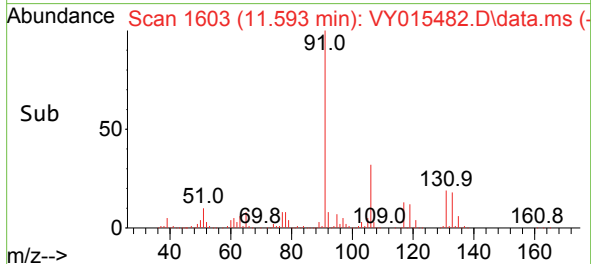
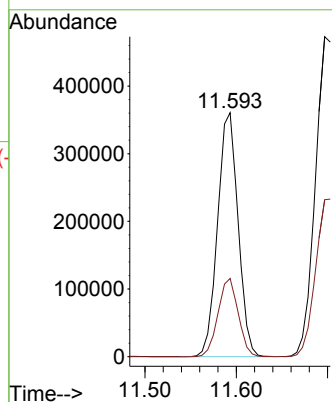
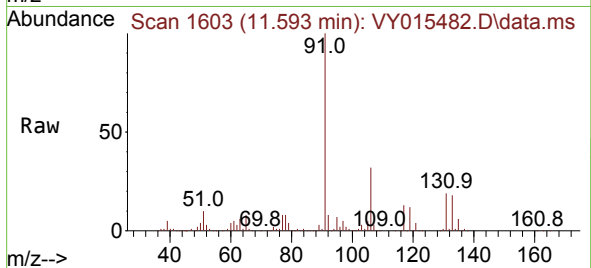
ClientSampleId :

Tgt Ion: 91 Resp: 561485

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 99.616 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015482.D

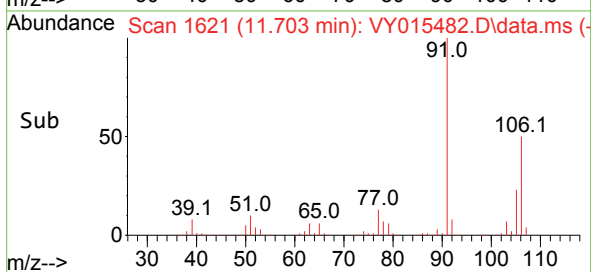
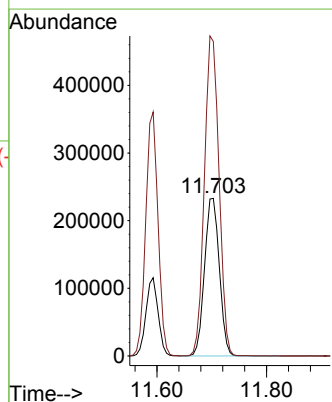
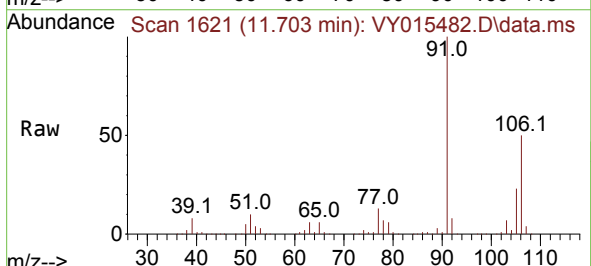
Acq: 11 Sep 2023 11:21

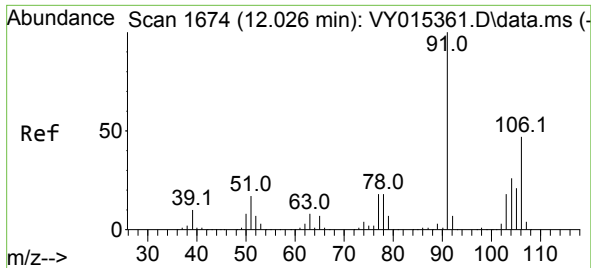
Tgt Ion:106 Resp: 435062

Ion Ratio Lower Upper

106 100

91 200.4 166.1 249.1

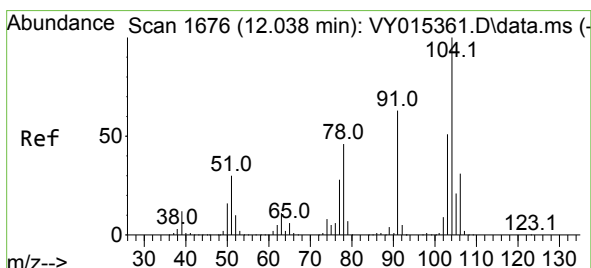
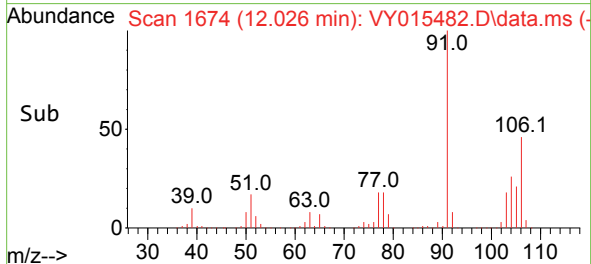
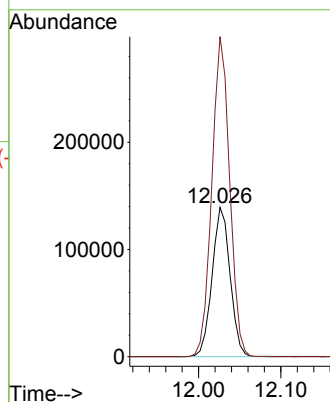
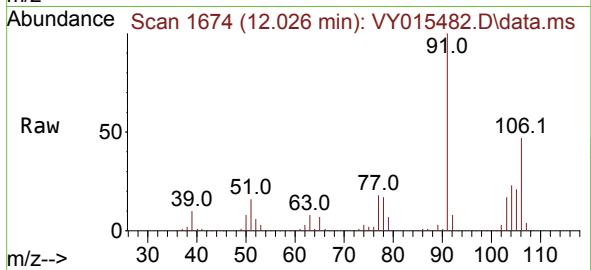




#69
o-Xylene
Concen: 50.633 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

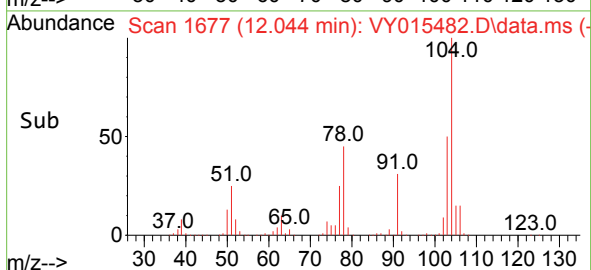
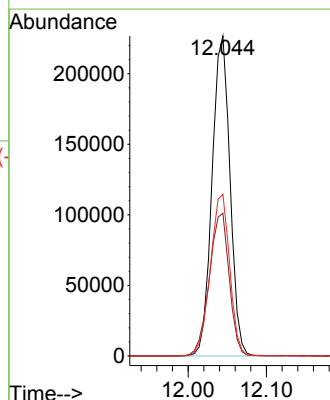
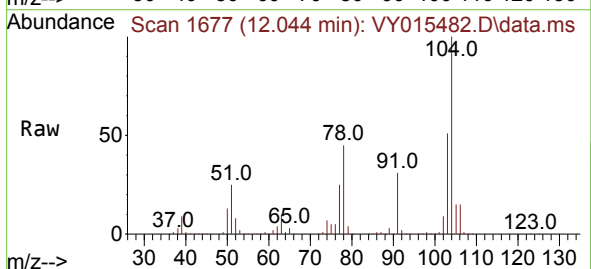
Instrument :
MSVOA_Y
ClientSampleId :

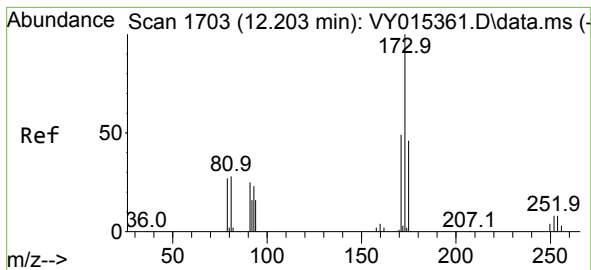
Tgt Ion:106 Resp: 211338
Ion Ratio Lower Upper
106 100
91 212.7 108.1 324.3



#70
Styrene
Concen: 51.429 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion:104 Resp: 360936
Ion Ratio Lower Upper
104 100
78 49.6 41.5 62.3
103 54.8 44.6 67.0





#71

Bromoform

Concen: 56.371 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

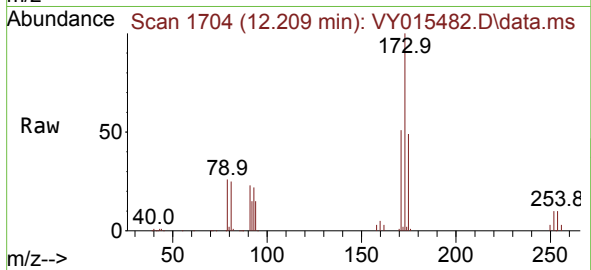
Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :



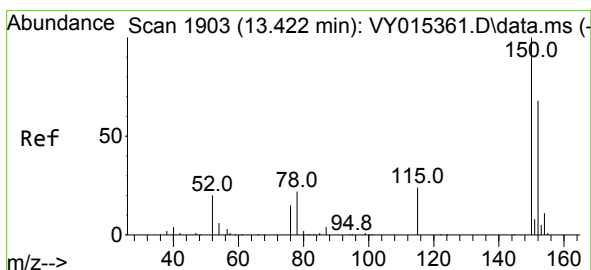
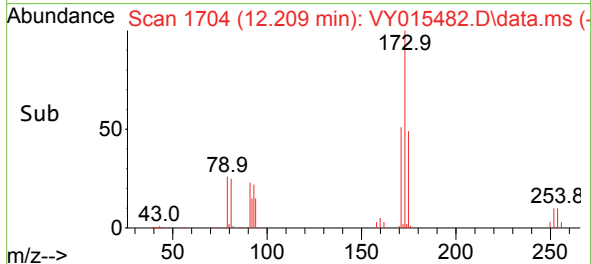
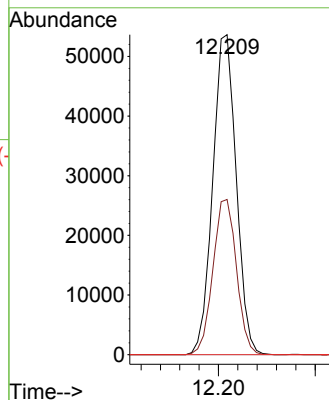
Tgt Ion:173 Resp: 90312

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

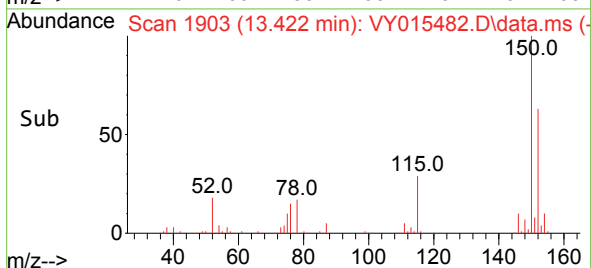
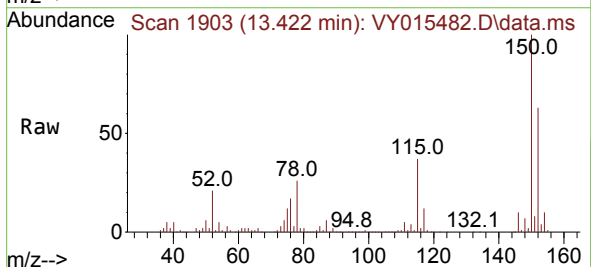
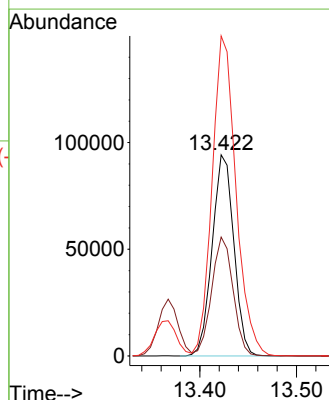
Tgt Ion:152 Resp: 146748

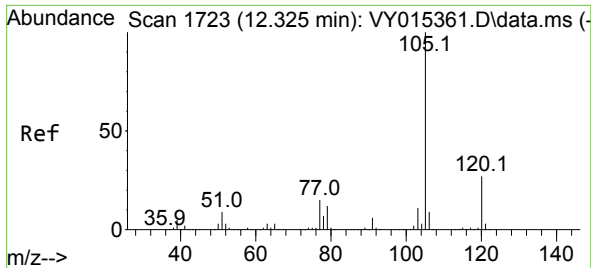
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 175.3 0.0 348.8

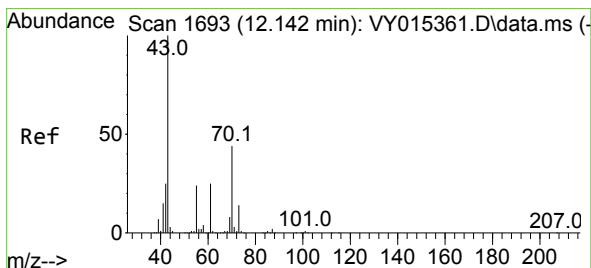
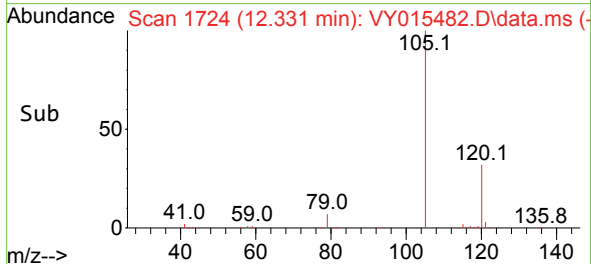
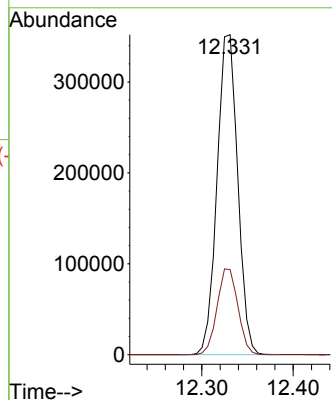
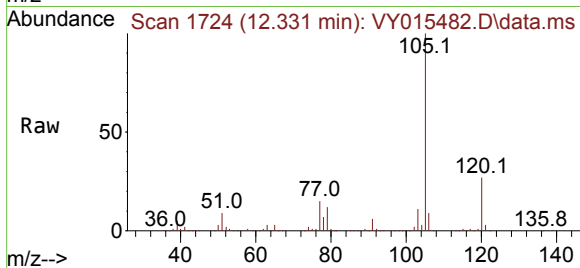




#73
Isopropylbenzene
Concen: 50.248 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

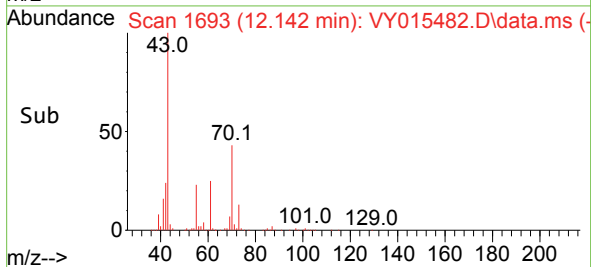
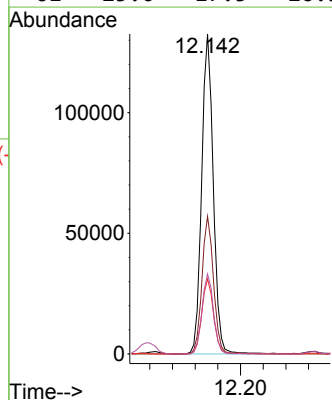
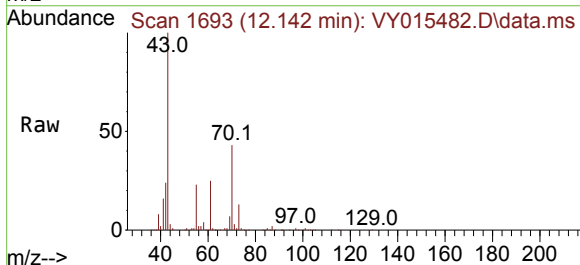
Instrument :
MSVOA_Y
ClientSampleId :

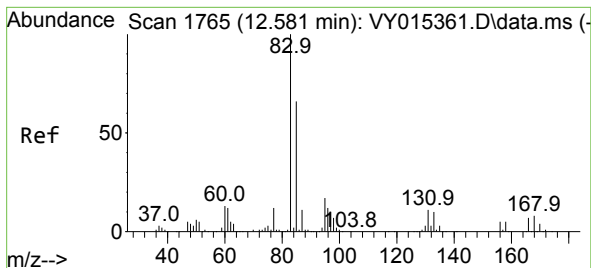
Tgt Ion:105 Resp: 553869
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 51.024 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion: 43 Resp: 188954
Ion Ratio Lower Upper
43 100
70 42.7 29.7 44.5
55 23.7 18.3 27.5
61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 53.226 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

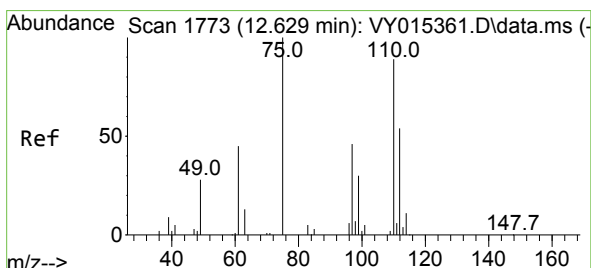
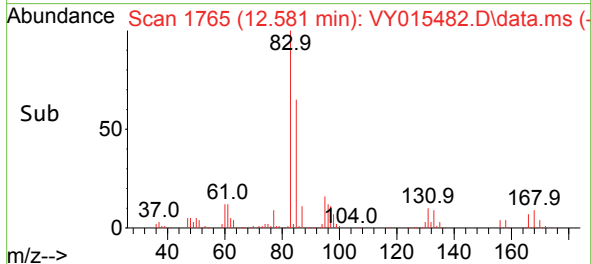
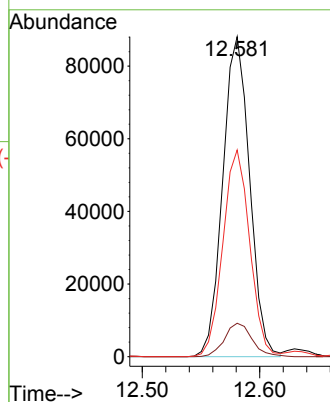
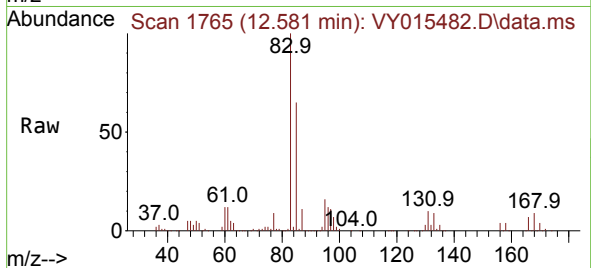
Tgt Ion: 83 Resp: 140056

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 96.052 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015482.D

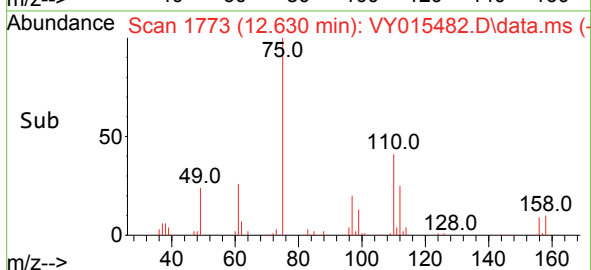
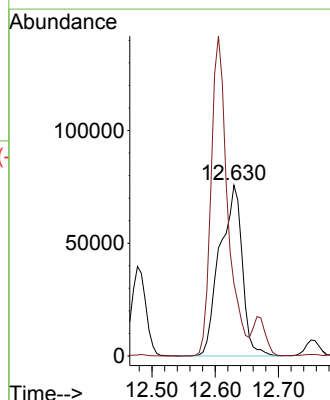
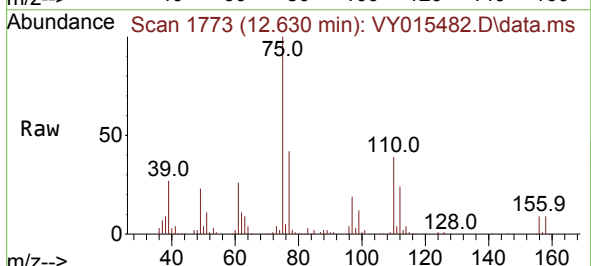
Acq: 11 Sep 2023 11:21

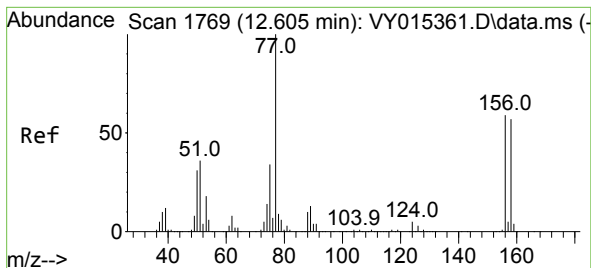
Tgt Ion: 75 Resp: 186920

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.985 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

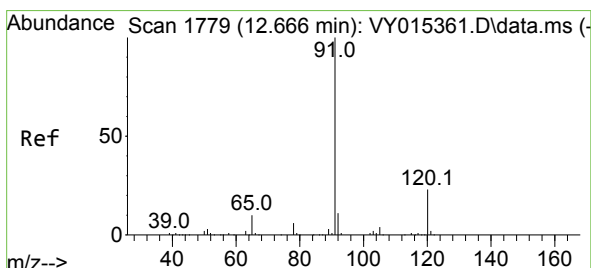
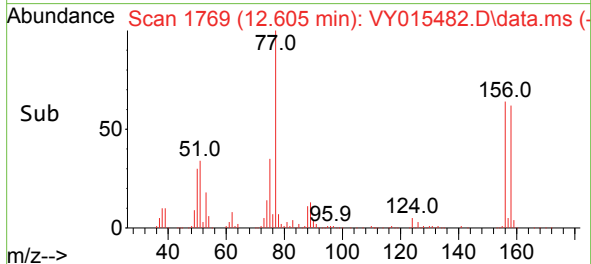
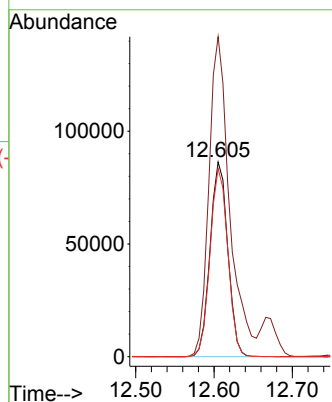
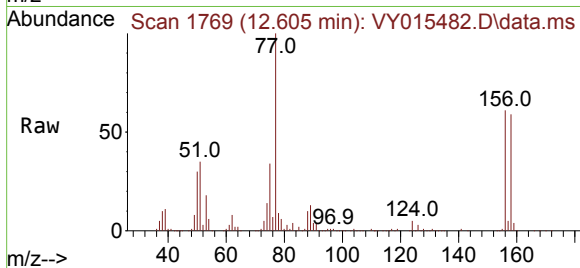
Tgt Ion:156 Resp: 135717

Ion Ratio Lower Upper

156 100

77 192.0 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 48.989 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015482.D

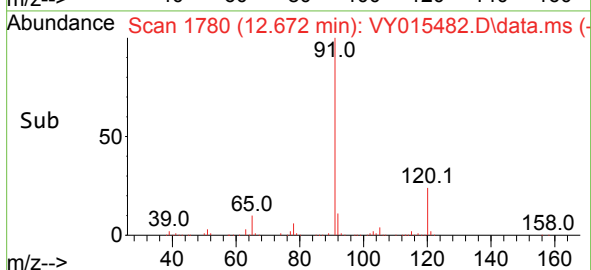
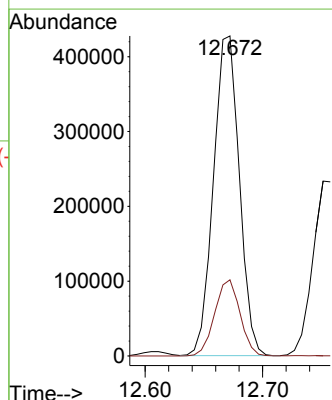
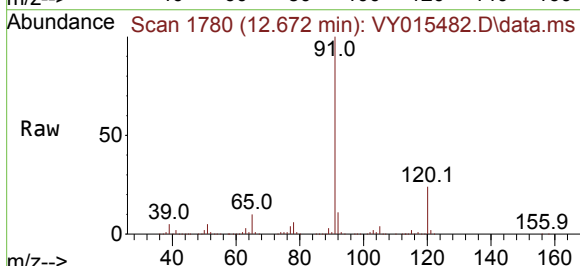
Acq: 11 Sep 2023 11:21

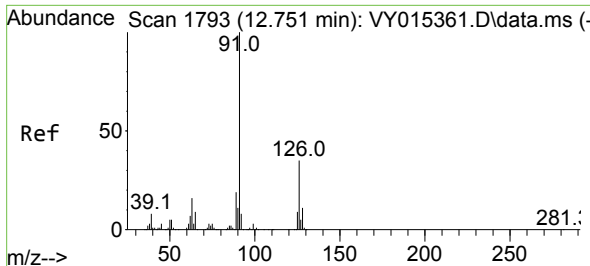
Tgt Ion: 91 Resp: 653408

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

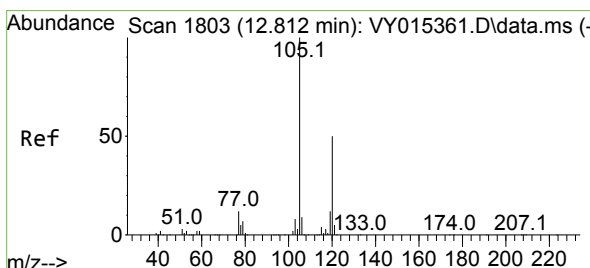
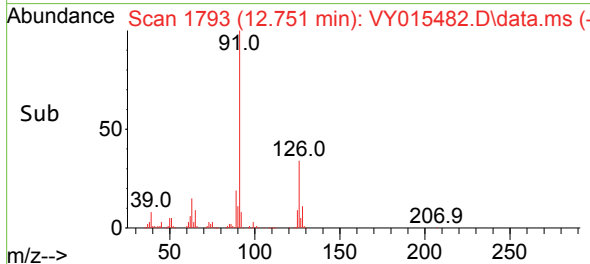
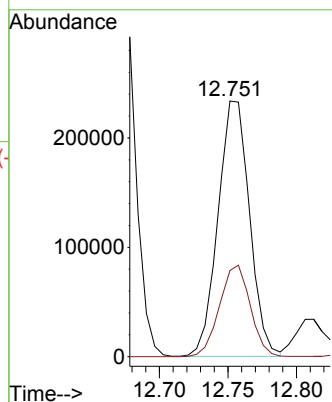
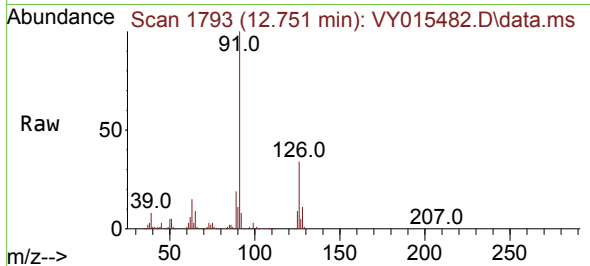




#79
2-Chlorotoluene
Concen: 50.044 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

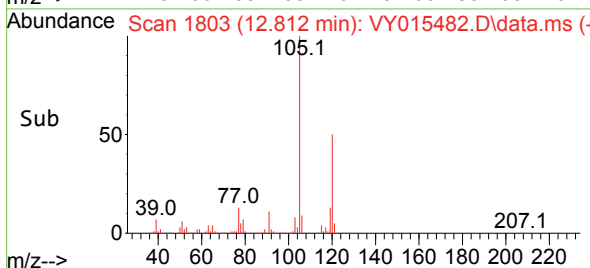
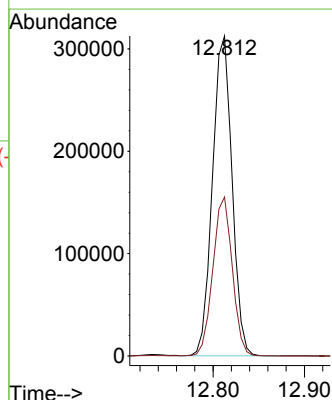
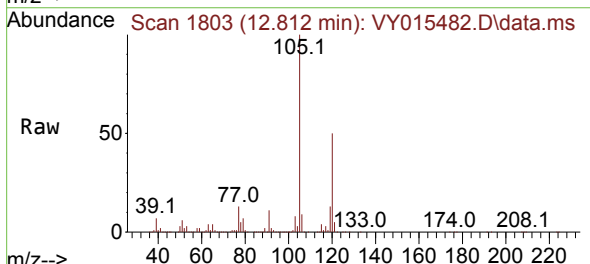
Instrument :
MSVOA_Y
ClientSampleId :

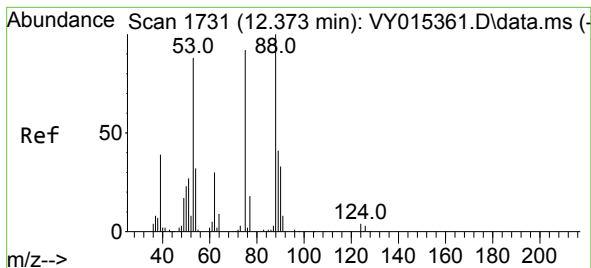
Tgt Ion: 91 Resp: 374378
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.350 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion: 105 Resp: 464220
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

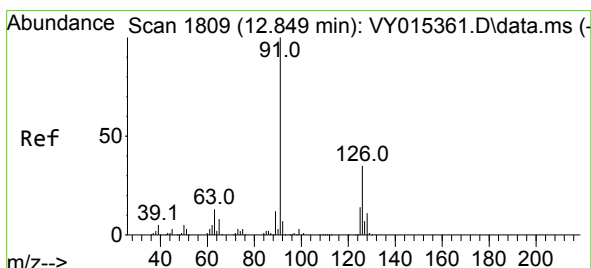
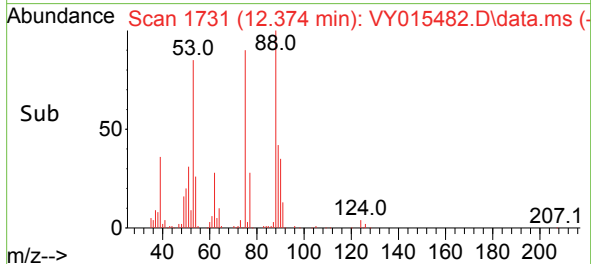
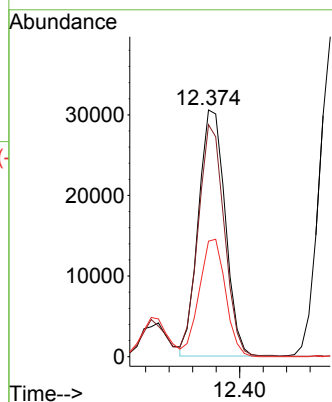
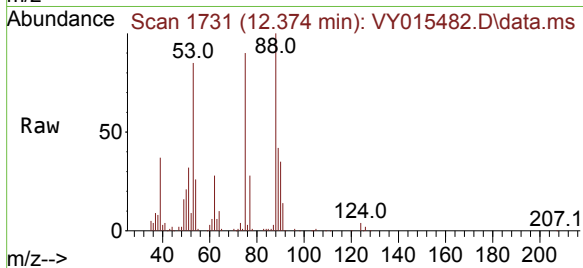




#81
trans-1,4-Dichloro-2-butene
Concen: 54.994 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

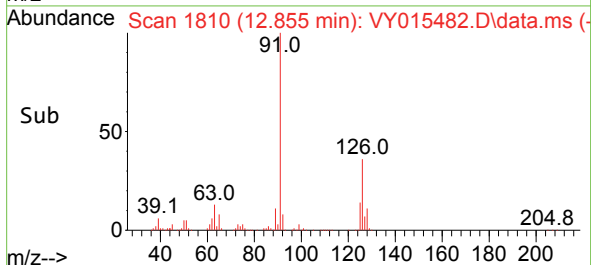
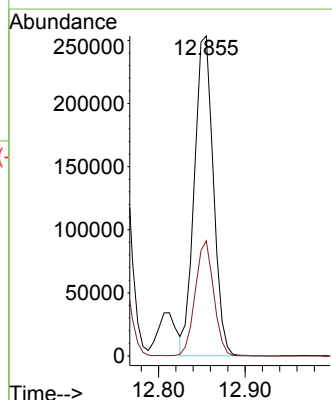
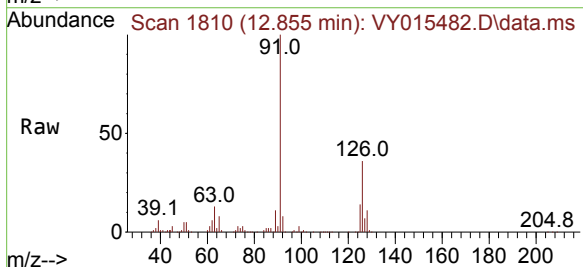
Instrument :
MSVOA_Y
ClientSampleId :

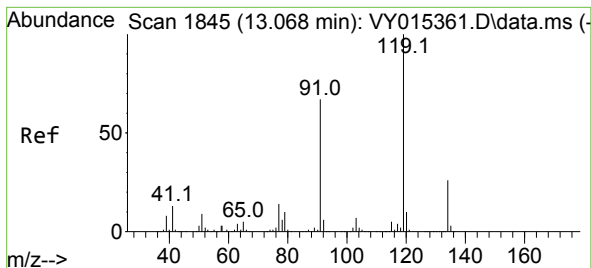
Tgt Ion: 75 Resp: 48516
Ion Ratio Lower Upper
75 100
53 91.6 77.8 116.8
89 46.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.585 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

Tgt Ion: 91 Resp: 385518
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.555 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

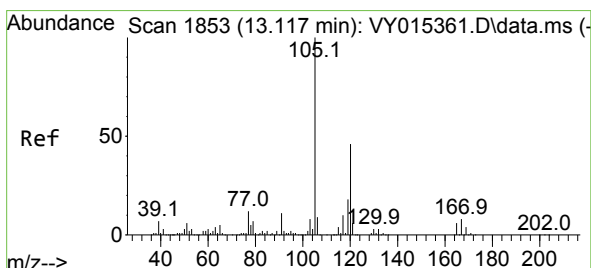
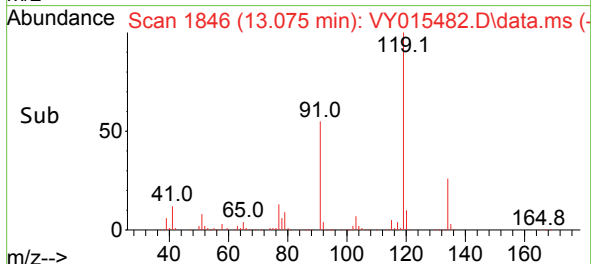
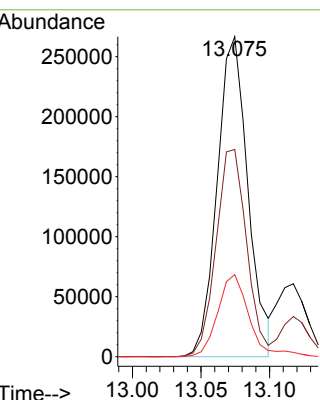
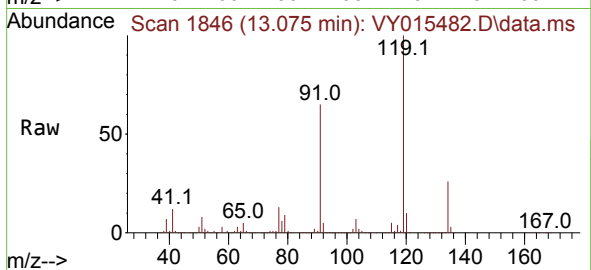
Tgt Ion:119 Resp: 416329

Ion Ratio Lower Upper

119 100

91 64.5 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.678 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015482.D

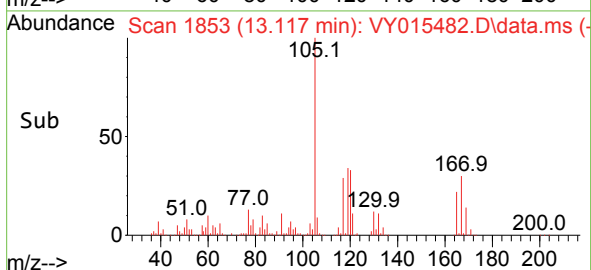
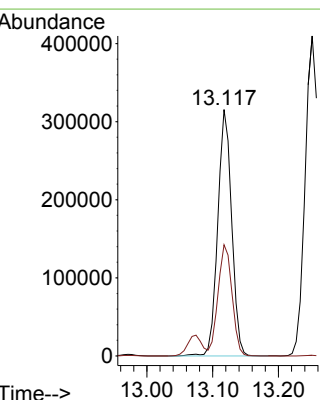
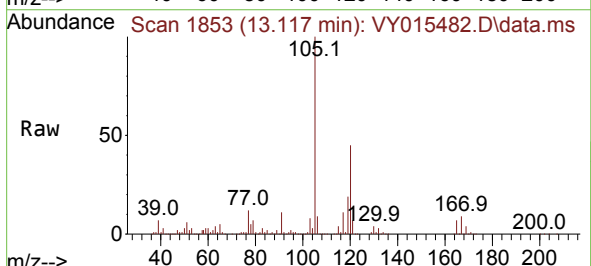
Acq: 11 Sep 2023 11:21

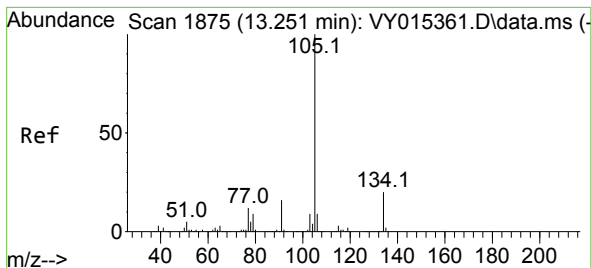
Tgt Ion:105 Resp: 463916

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.183 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

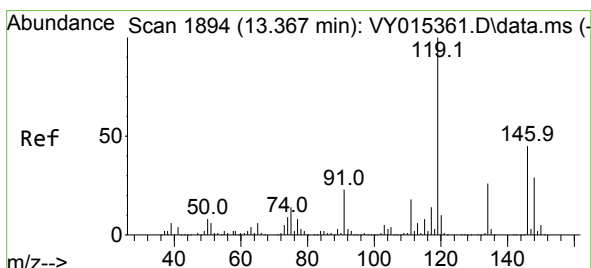
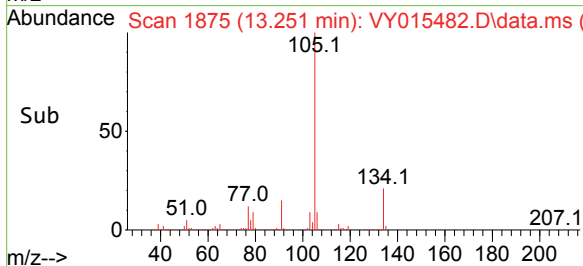
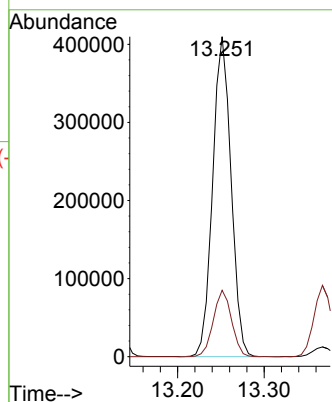
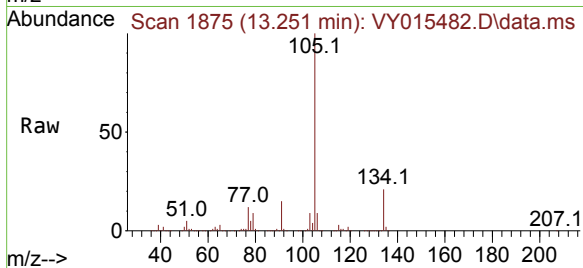
ClientSampleId :

Tgt Ion:105 Resp: 604437

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.299 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

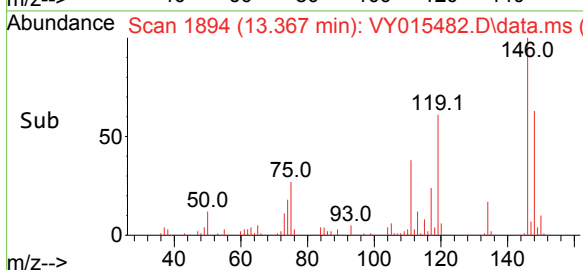
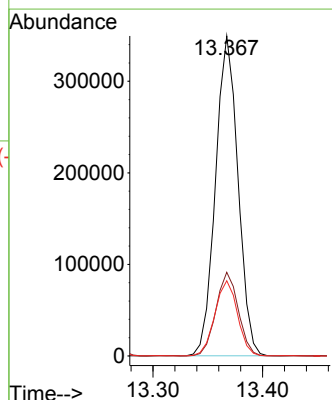
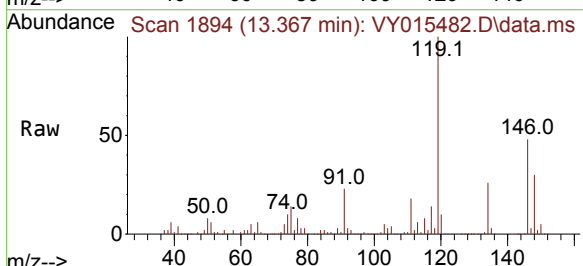
Tgt Ion:119 Resp: 497672

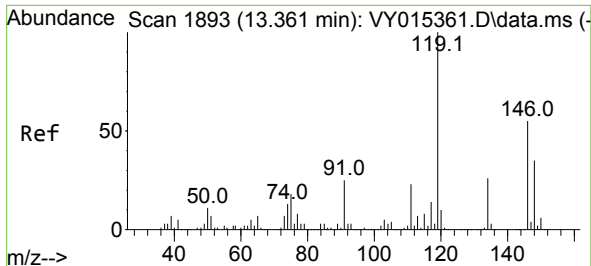
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.311 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

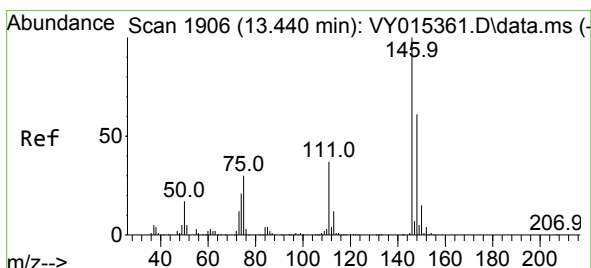
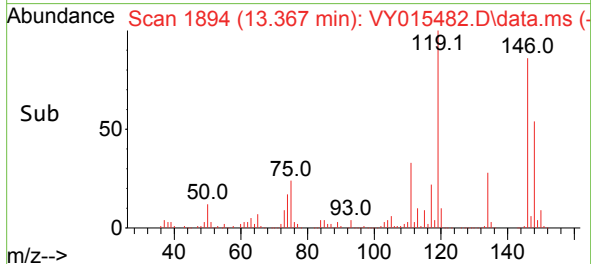
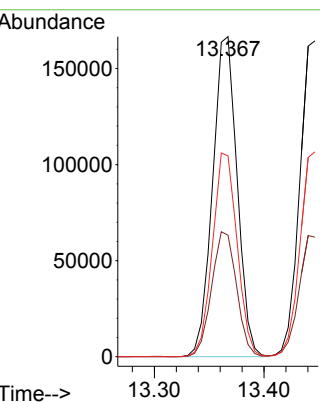
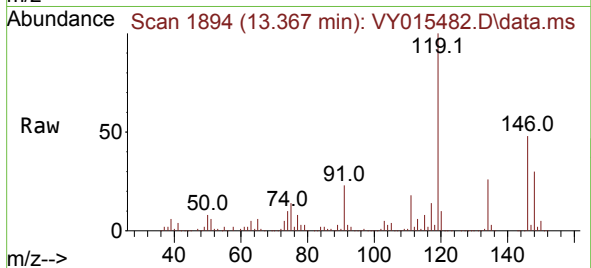
Tgt Ion:146 Resp: 259304

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.038 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

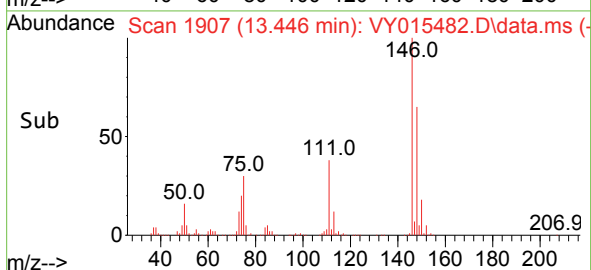
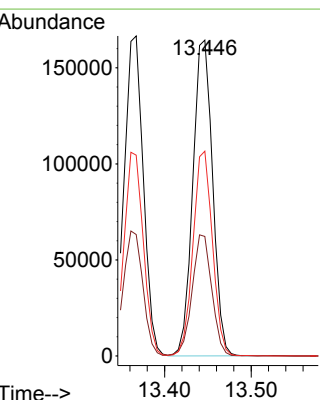
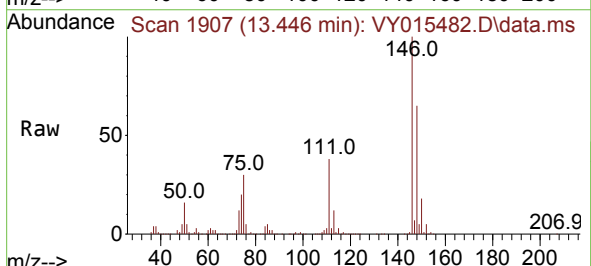
Tgt Ion:146 Resp: 260691

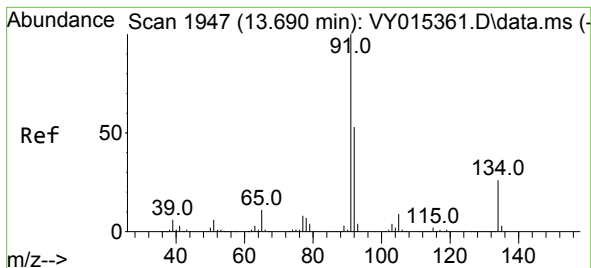
Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 45.384 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

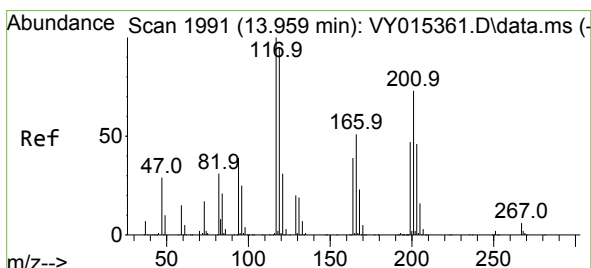
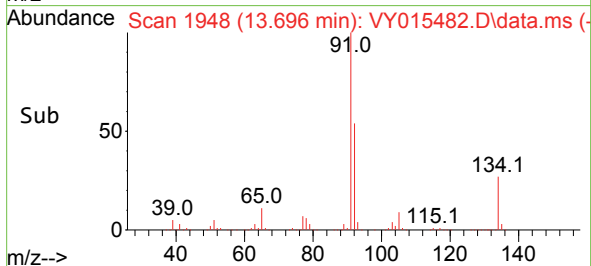
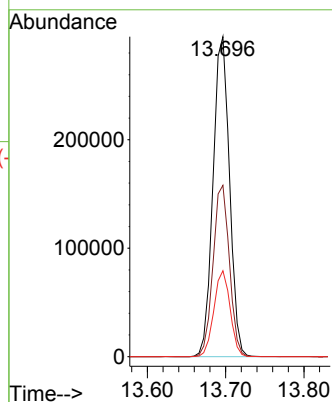
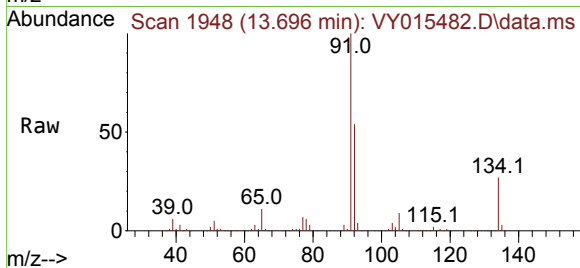
Tgt Ion: 91 Resp: 431210

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 54.002 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015482.D

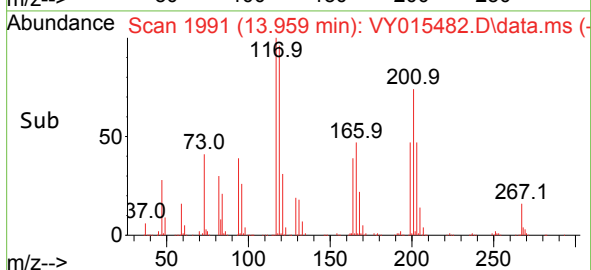
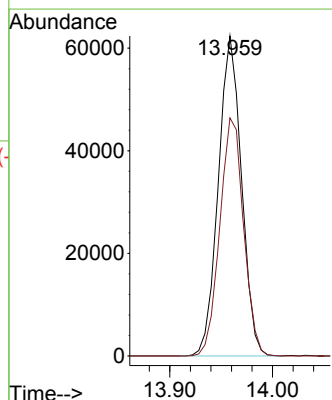
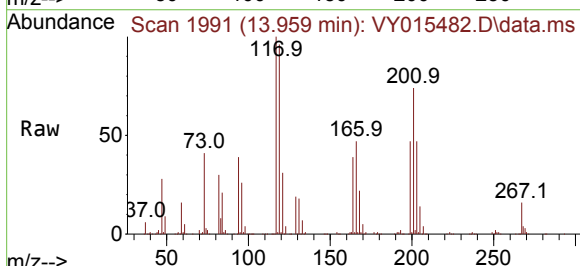
Acq: 11 Sep 2023 11:21

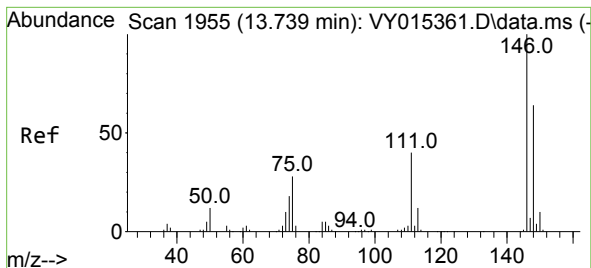
Tgt Ion: 117 Resp: 97498

Ion Ratio Lower Upper

117 100

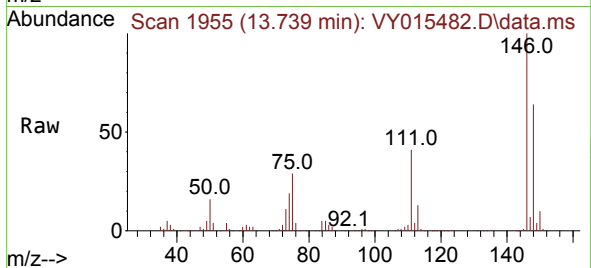
201 76.4 41.6 124.8



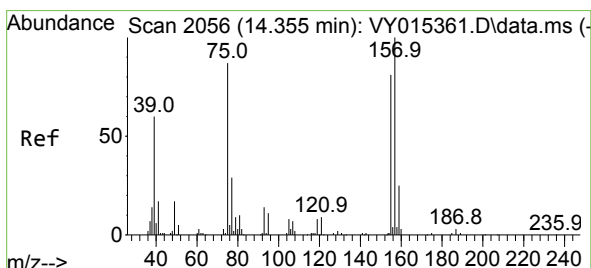
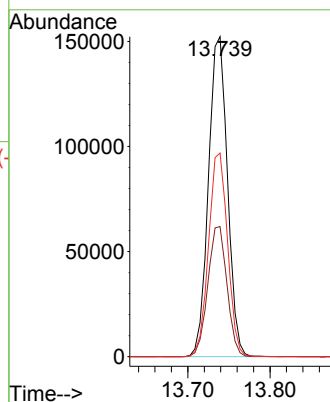
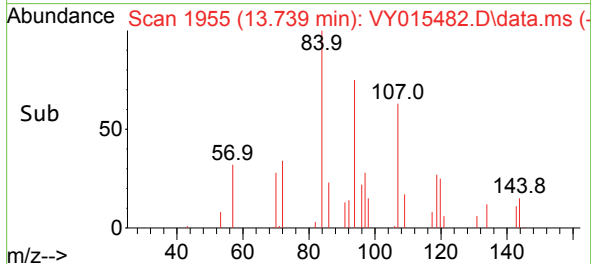


#91
1,2-Dichlorobenzene
Concen: 51.966 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21

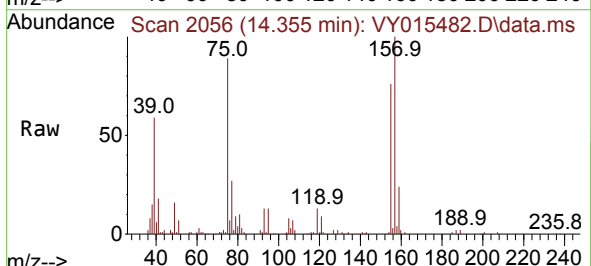
Instrument :
MSVOA_Y
ClientSampleId :



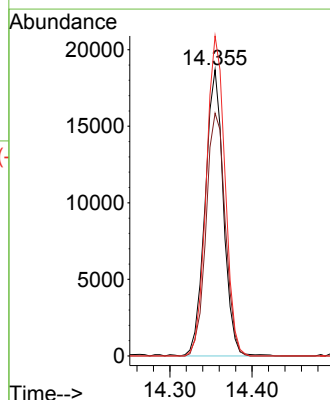
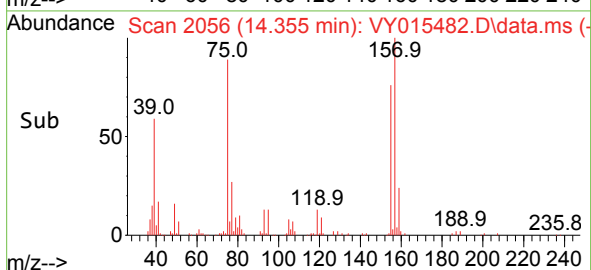
Tgt Ion:146 Resp: 244423
Ion Ratio Lower Upper
146 100
111 41.0 19.7 59.0
148 63.6 32.0 96.2

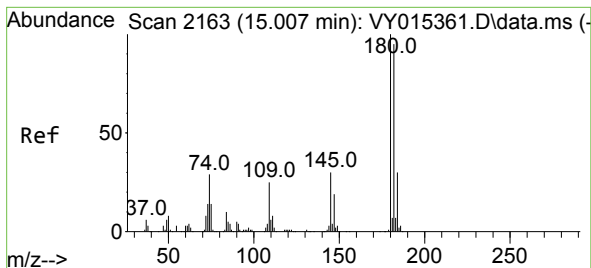


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.542 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015482.D
Acq: 11 Sep 2023 11:21



Tgt Ion: 75 Resp: 28911
Ion Ratio Lower Upper
75 100
155 89.0 41.5 124.6
157 113.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.948 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

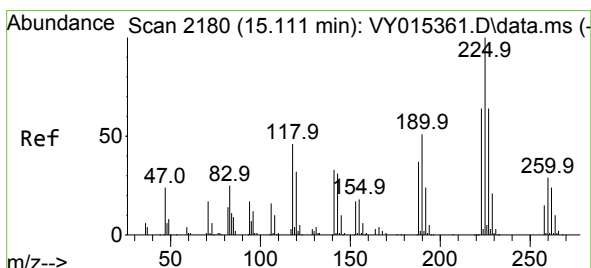
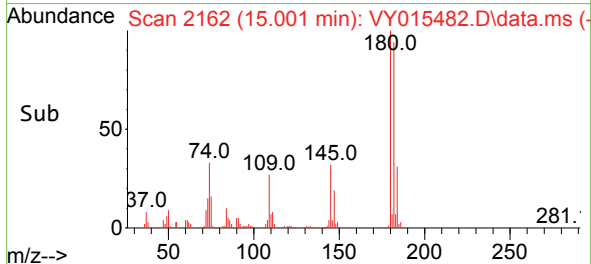
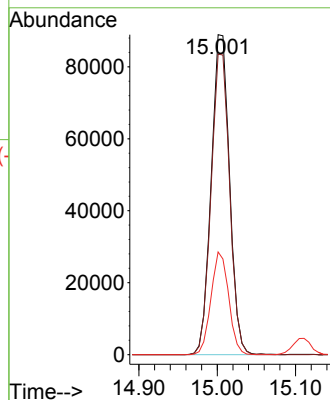
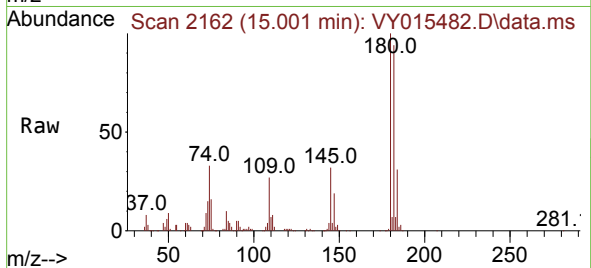
Tgt Ion:180 Resp: 144583

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.737 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

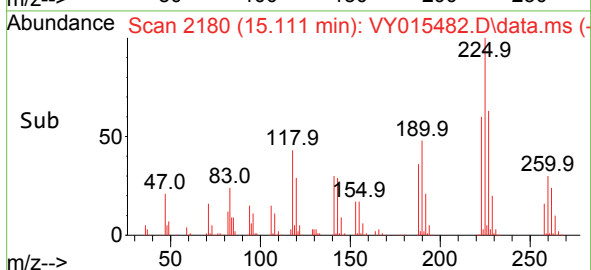
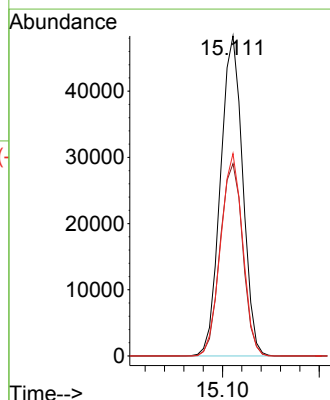
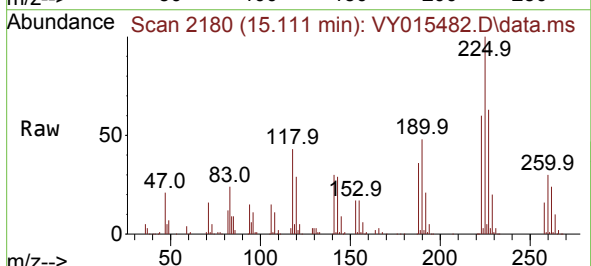
Tgt Ion:225 Resp: 76889

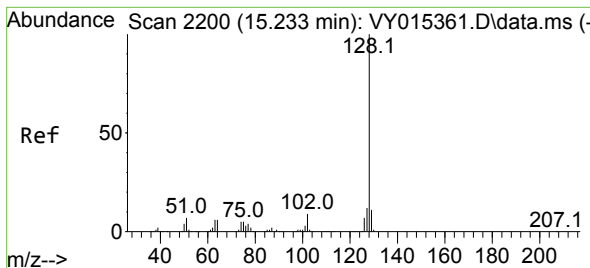
Ion Ratio Lower Upper

225 100

223 61.2 31.9 95.9

227 62.6 33.0 98.9





#95

Naphthalene

Concen: 54.579 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

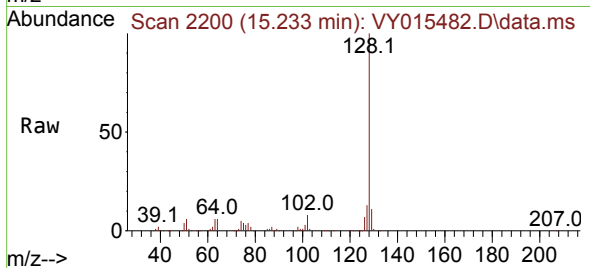
Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :



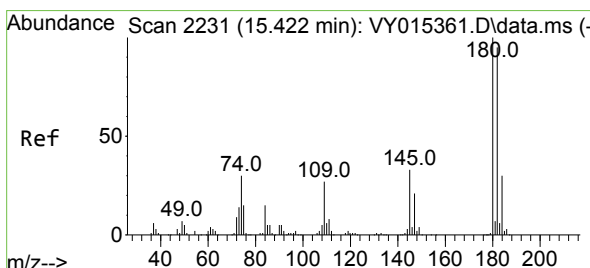
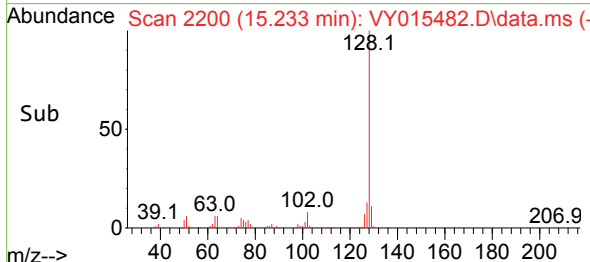
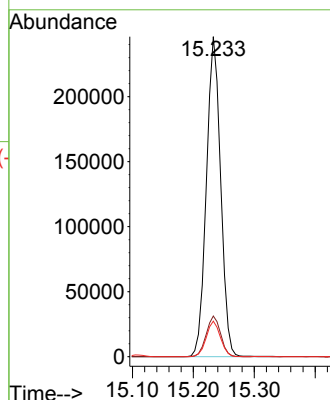
Tgt Ion:128 Resp: 399359

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.089 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015482.D

Acq: 11 Sep 2023 11:21

Tgt Ion:180 Resp: 137650

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.5 15.4 46.2

