

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015680.D
 Acq On : 22 Sep 2023 12:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 22:53:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	155518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66784	39.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.060%
35) Dibromofluoromethane	7.722	113	65583	42.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.440%
50) Toluene-d8	10.185	98	209506	40.250	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.500%
62) 4-Bromofluorobenzene	12.483	95	84572	41.403	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52111	50.834	ug/l	98
3) Chloromethane	2.113	50	63406	49.028	ug/l	97
4) Vinyl Chloride	2.253	62	75009	50.727	ug/l	97
5) Bromomethane	2.649	94	58617	46.219	ug/l	100
6) Chloroethane	2.790	64	56374	51.436	ug/l	97
7) Trichlorofluoromethane	3.119	101	126112	50.855	ug/l	98
8) Diethyl Ether	3.533	74	51236	48.449	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	79522	51.216	ug/l	95
10) Methyl Iodide	4.094	142	82356	45.373	ug/l	97
11) Tert butyl alcohol	4.984	59	76630	213.367	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	68159	49.817	ug/l	96
13) Acrolein	3.735	56	62584	238.819	ug/l	100
14) Allyl chloride	4.478	41	122732	49.062	ug/l	94
15) Acrylonitrile	5.167	53	177282	228.522	ug/l	98
16) Acetone	3.954	43	203429	222.151	ug/l	93
17) Carbon Disulfide	4.192	76	133087	50.071	ug/l	97
18) Methyl Acetate	4.485	43	143121	46.582	ug/l	94
19) Methyl tert-butyl Ether	5.228	73	267878	48.072	ug/l	99
20) Methylene Chloride	4.716	84	94009	46.542	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	78111	49.948	ug/l	99
22) Diisopropyl ether	6.124	45	295436	49.074	ug/l	92
23) Vinyl Acetate	6.064	43	886347	238.529	ug/l	95
24) 1,1-Dichloroethane	6.021	63	160582	48.937	ug/l	97
25) 2-Butanone	6.990	43	277633	214.498	ug/l	99
26) 2,2-Dichloropropane	6.984	77	139712	46.583	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	101255	48.771	ug/l	95
28) Bromochloromethane	7.338	49	41915	47.081	ug/l	99
29) Tetrahydrofuran	7.356	42	165198	225.812	ug/l	95
30) Chloroform	7.508	83	170032	48.386	ug/l	95
31) Cyclohexane	7.789	56	112311	47.380	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	146696	50.568	ug/l	99
36) 1,1-Dichloropropene	7.923	75	115097	50.708	ug/l	100
37) Ethyl Acetate	7.076	43	105014	46.383	ug/l	97
38) Carbon Tetrachloride	7.905	117	127870	51.899	ug/l	97
39) Methylcyclohexane	9.185	83	128084	51.019	ug/l	95
40) Benzene	8.161	78	346143	50.007	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	54191	44.453	ug/l	91
42) 1,2-Dichloroethane	8.240	62	116013	48.938	ug/l	94
43) Isopropyl Acetate	8.277	43	183619	47.479	ug/l	97
44) Trichloroethene	8.941	130	97186	50.270	ug/l	95
45) 1,2-Dichloropropane	9.221	63	96568	50.027	ug/l	99
46) Dibromomethane	9.307	93	60939	49.353	ug/l	94
47) Bromodichloromethane	9.496	83	137213	49.855	ug/l	97
48) Methyl methacrylate	9.295	41	81915	48.255	ug/l	91
49) 1,4-Dioxane	9.307	88	23556	965.657	ug/l #	52
51) 4-Methyl-2-Pentanone	10.075	43	564920	235.670	ug/l	93
52) Toluene	10.246	92	224013	50.199	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	144873	49.086	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	157821	49.677	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	88449	48.880	ug/l	98
56) Ethyl methacrylate	10.514	69	132150	49.556	ug/l	89
57) 1,3-Dichloropropane	10.794	76	147975	48.764	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	184368	217.660	ug/l	96
59) 2-Hexanone	10.831	43	428303	232.892	ug/l	91
60) Dibromochloromethane	10.983	129	103886	49.181	ug/l	98
61) 1,2-Dibromoethane	11.093	107	85855	48.499	ug/l	100
64) Tetrachloroethene	10.721	164	100502	50.466	ug/l	97
65) Chlorobenzene	11.520	112	251801	49.698	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	100976	51.307	ug/l	99
67) Ethyl Benzene	11.593	91	450549	50.876	ug/l	98
68) m/p-Xylenes	11.703	106	345959	102.781	ug/l	95
69) o-Xylene	12.032	106	169691	51.412	ug/l	97
70) Styrene	12.044	104	294802	52.180	ug/l	96
71) Bromoform	12.209	173	72728	50.995	ug/l #	99
73) Isopropylbenzene	12.331	105	453920	50.463	ug/l	100
74) N-amyl acetate	12.142	43	163488	48.358	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	120645	48.192	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	157512	82.341	ug/l #	100
77) Bromobenzene	12.611	156	107447	48.663	ug/l	94
78) n-propylbenzene	12.672	91	550985	50.421	ug/l	100
79) 2-Chlorotoluene	12.757	91	308207	49.479	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	376900	50.050	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	40945	48.201	ug/l	95
82) 4-Chlorotoluene	12.855	91	323639	49.770	ug/l	100
83) tert-Butylbenzene	13.074	119	329418	49.947	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	378696	50.260	ug/l	100
85) sec-Butylbenzene	13.251	105	494764	50.127	ug/l	100
86) p-Isopropyltoluene	13.367	119	414844	50.316	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	213718	48.790	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	215125	49.104	ug/l	99
89) n-Butylbenzene	13.696	91	393410	50.391	ug/l	98
90) Hexachloroethane	13.958	117	80384	50.517	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	197202	48.769	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22176	44.602	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	121755	47.829	ug/l	98
94) Hexachlorobutadiene	15.111	225	62918	48.263	ug/l	99
95) Naphthalene	15.233	128	315248	47.493	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	112088	47.705	ug/l	98

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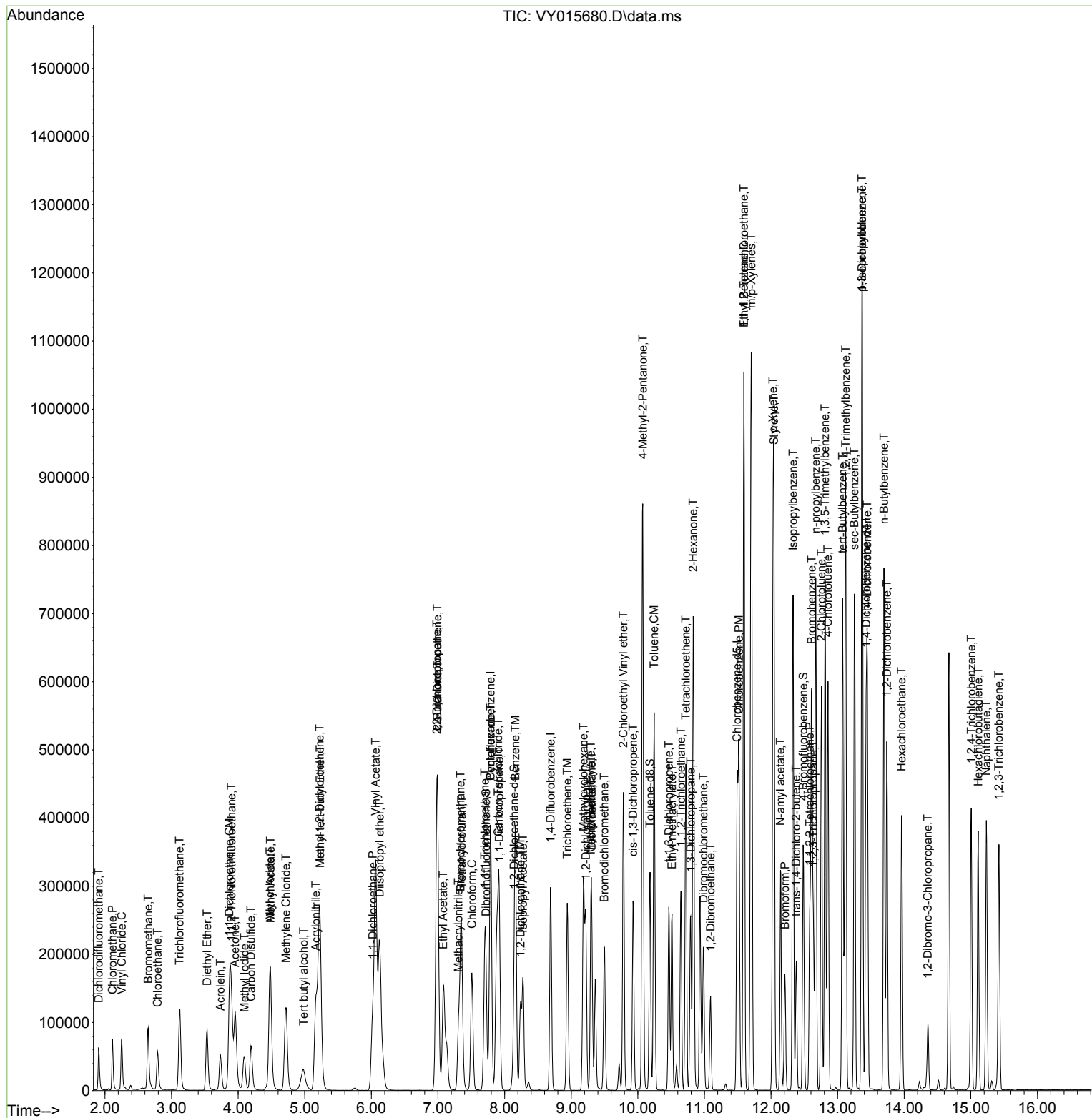
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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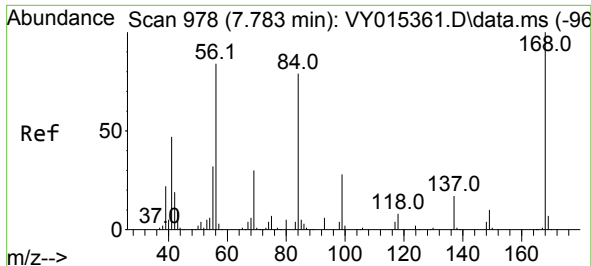
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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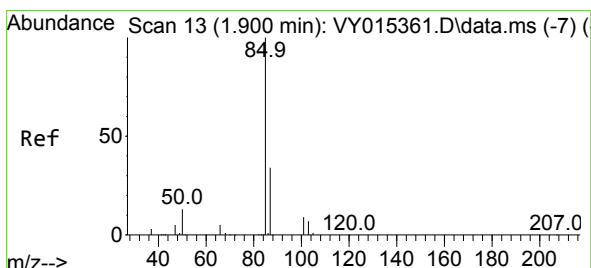
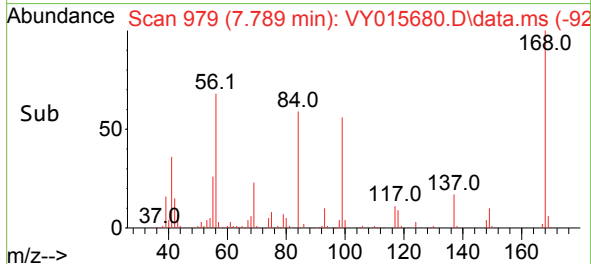
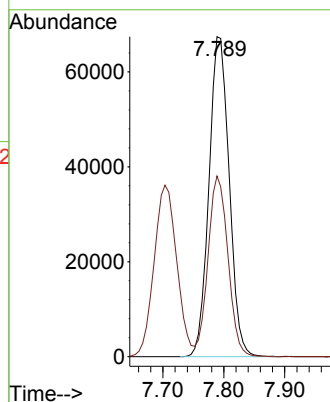
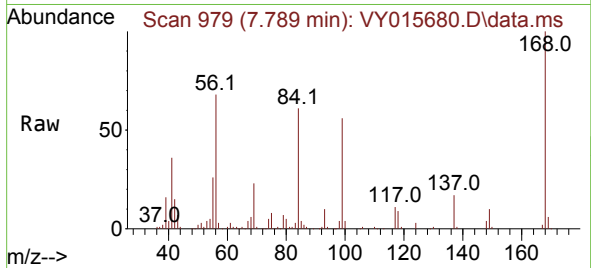




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015680.D
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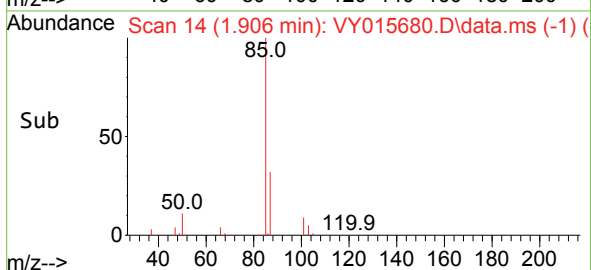
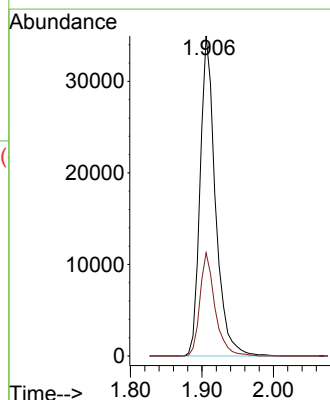
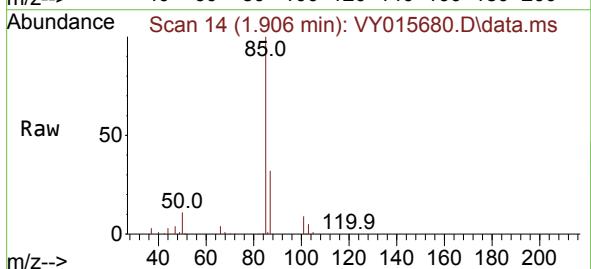
Instrument :
MSVOA_Y
ClientSampleId :

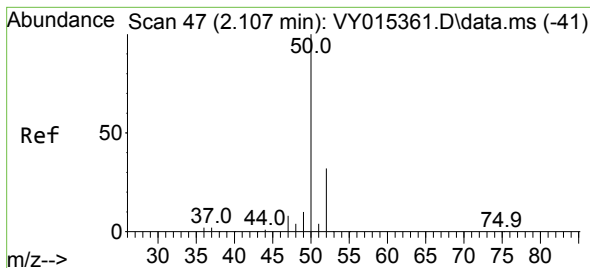
Tgt Ion:168 Resp: 155518
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 50.834 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion: 85 Resp: 52111
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3

Chloromethane

Concen: 49.028 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

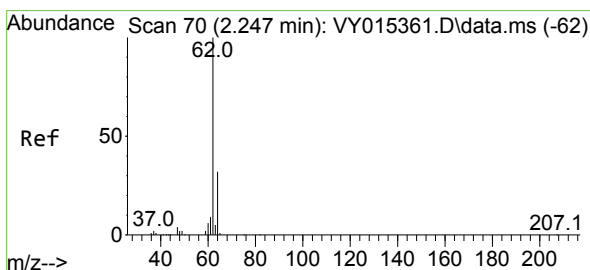
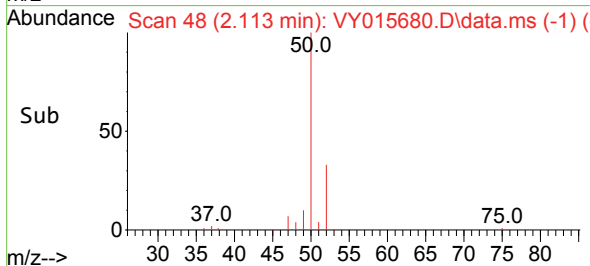
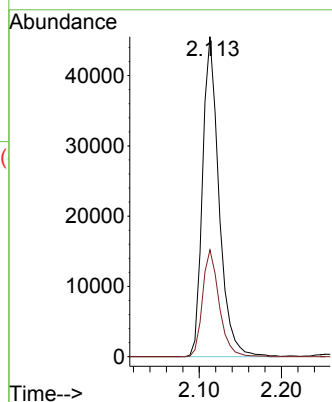
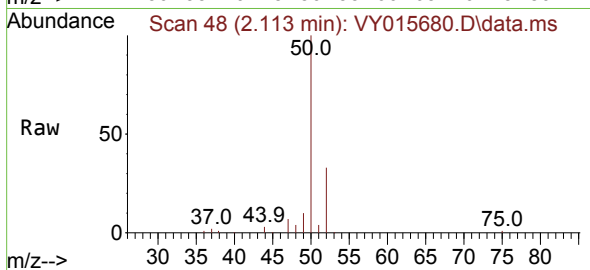
ClientSampleId :

Tgt Ion: 50 Resp: 63406

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 50.727 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015680.D

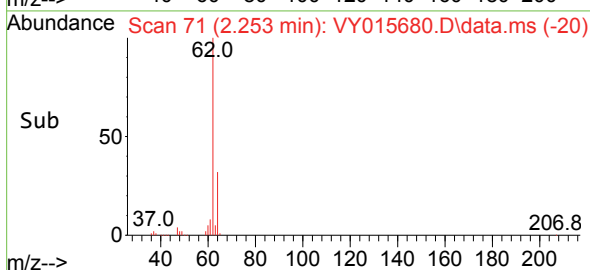
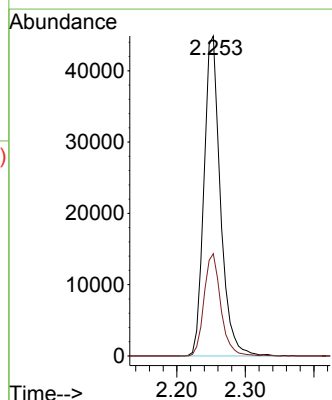
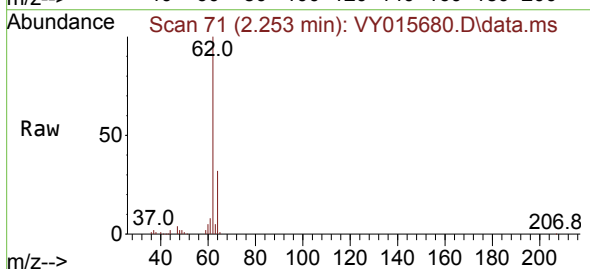
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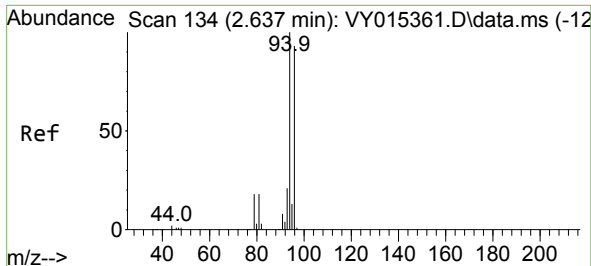
Tgt Ion: 62 Resp: 75009

Ion Ratio Lower Upper

62 100

64 31.9 24.3 36.5





#5

Bromomethane

Concen: 46.219 ug/l

RT: 2.649 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

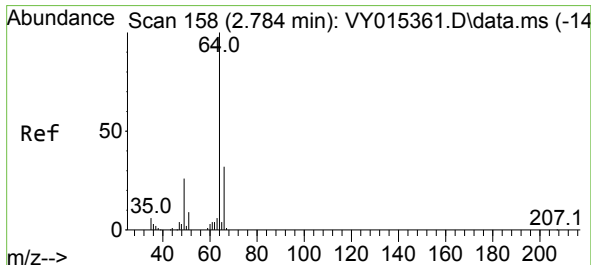
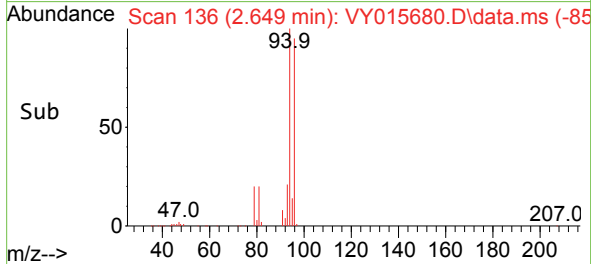
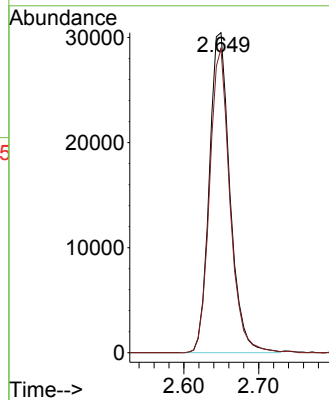
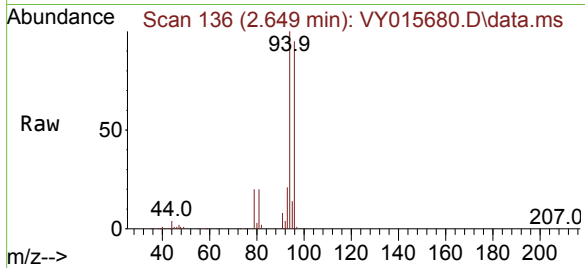
ClientSampleId :

Tgt Ion: 94 Resp: 58617

Ion Ratio Lower Upper

94 100

96 95.1 75.8 113.6



#6

Chloroethane

Concen: 51.436 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY015680.D

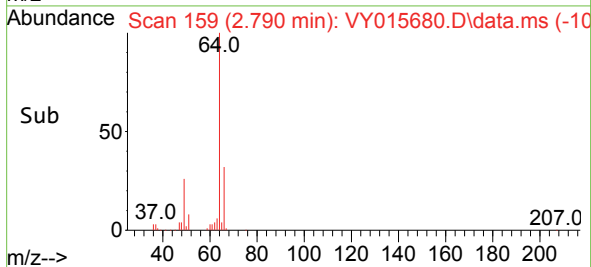
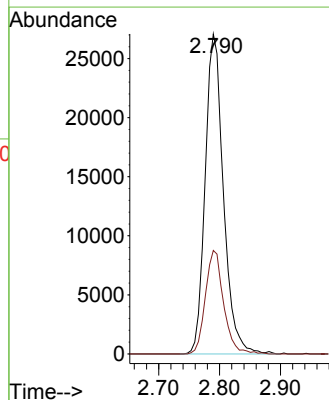
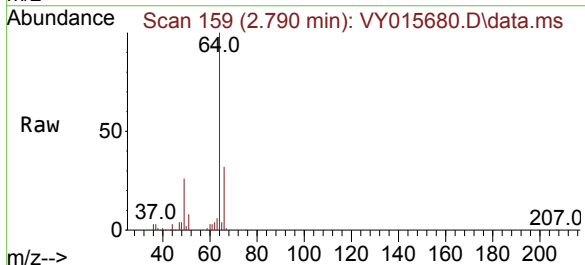
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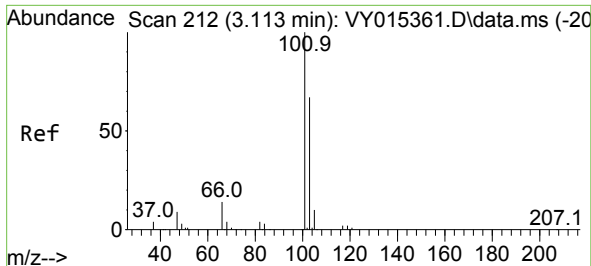
Tgt Ion: 64 Resp: 56374

Ion Ratio Lower Upper

64 100

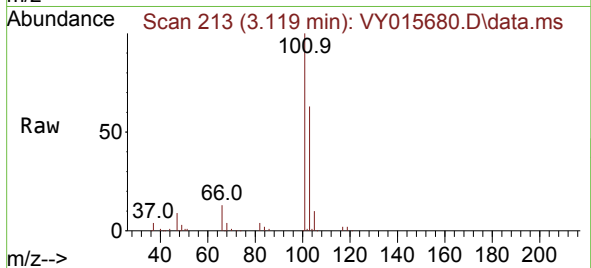
66 32.4 24.4 36.6



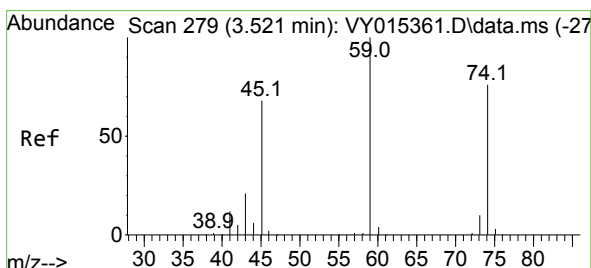
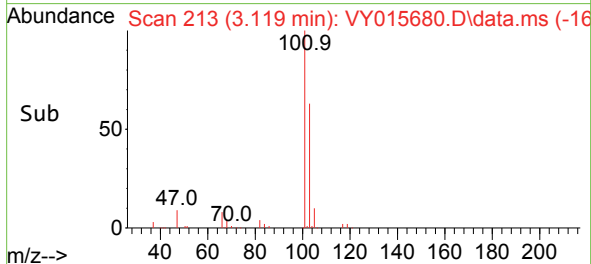
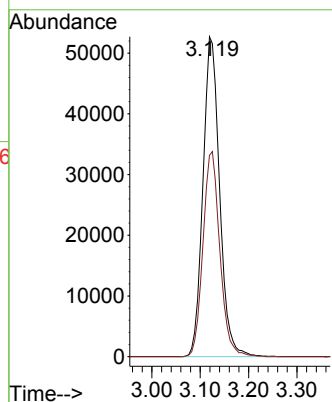


#7
 Trichlorofluoromethane
 Concen: 50.855 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015680.D
 Acq: 22 Sep 2023 12:07

Instrument :
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 ClientSampleId :

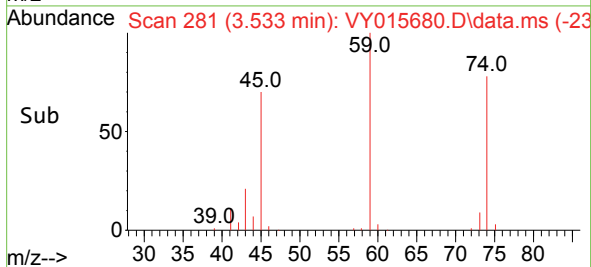
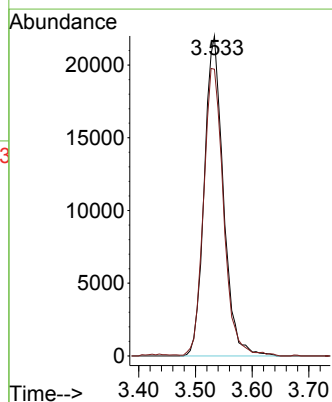
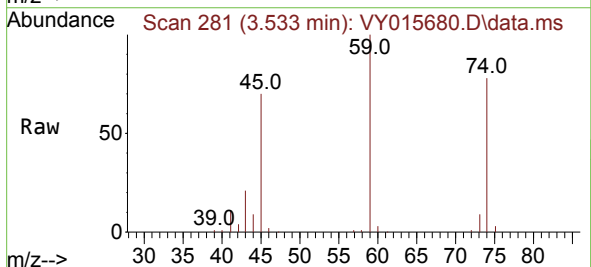


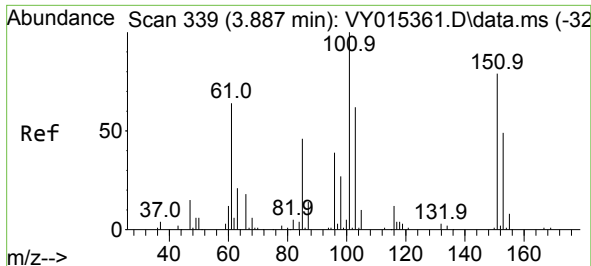
Tgt Ion:101 Resp: 126112
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.449 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015680.D
 Acq: 22 Sep 2023 12:07

Tgt Ion: 74 Resp: 51236
 Ion Ratio Lower Upper
 74 100
 45 94.5 51.5 154.5

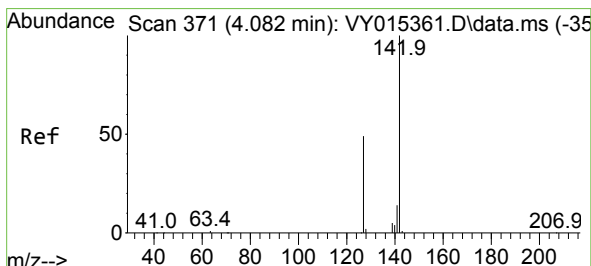
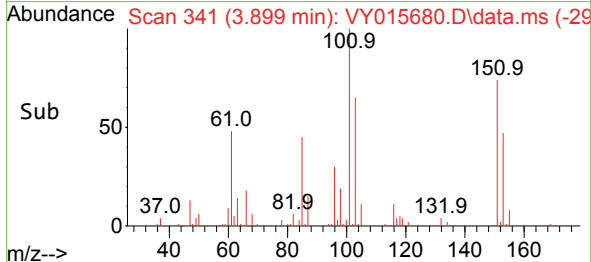
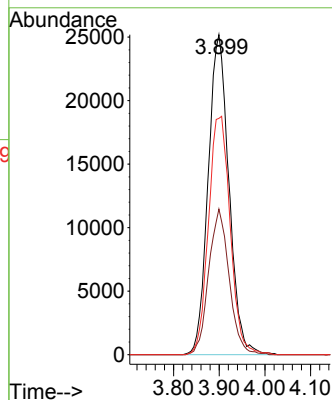
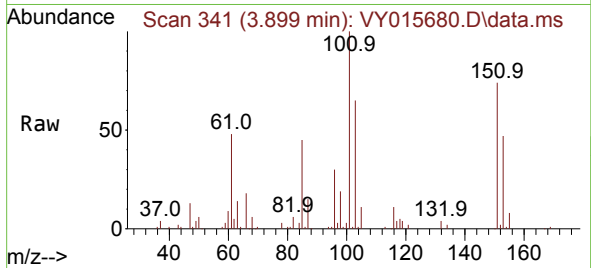




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.216 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

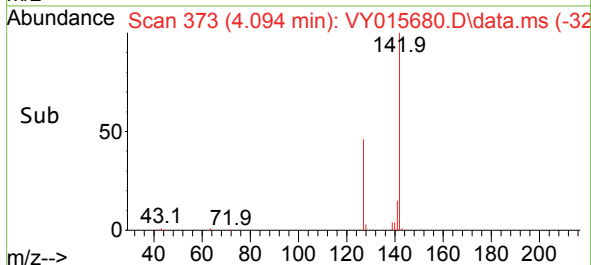
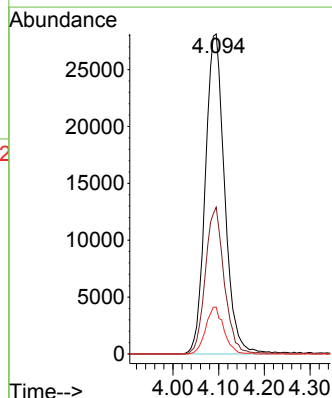
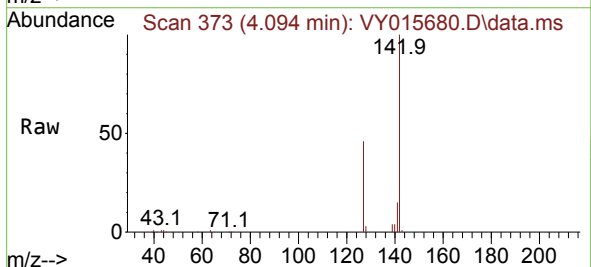
Instrument :
MSVOA_Y
ClientSampleId :

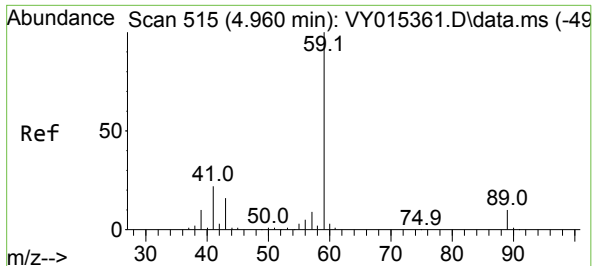
Tgt Ion:101 Resp: 79522
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 78.1 67.0 100.6



#10
Methyl Iodide
Concen: 45.373 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion:142 Resp: 82356
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 13.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 213.367 ug/l

RT: 4.984 min Scan# 515

Delta R.T. 0.030 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

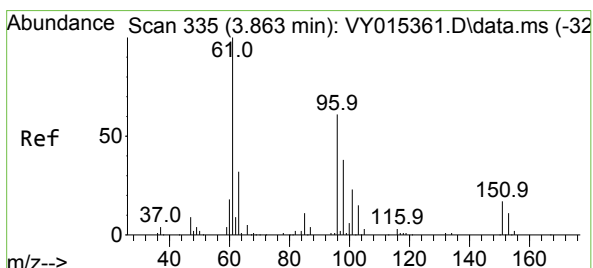
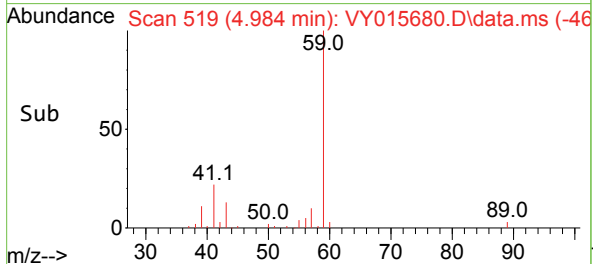
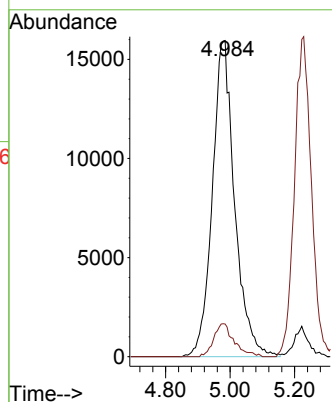
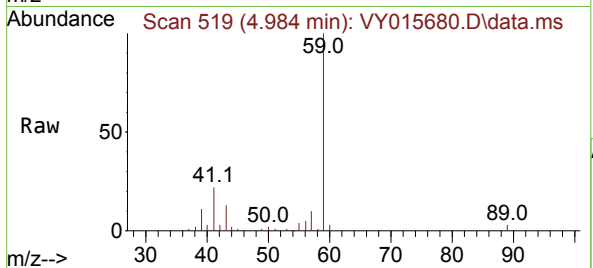
ClientSampleId :

Tgt Ion: 59 Resp: 76630

Ion Ratio Lower Upper

59 100

57 9.5 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 49.817 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

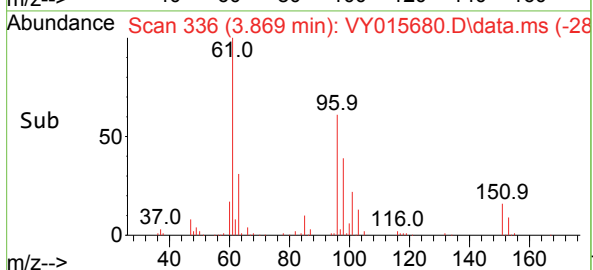
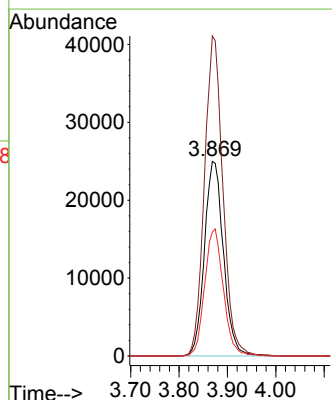
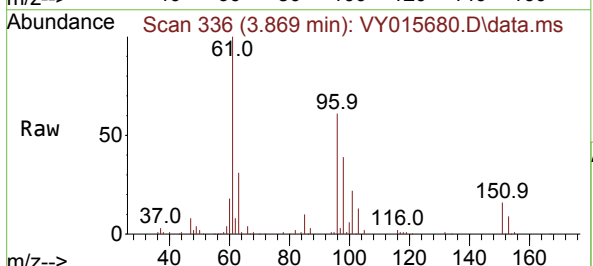
Tgt Ion: 96 Resp: 68159

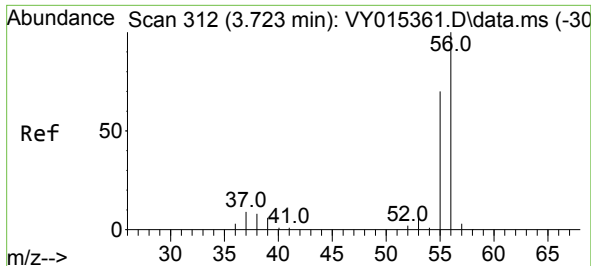
Ion Ratio Lower Upper

96 100

61 164.5 136.4 204.6

98 63.6 49.4 74.2

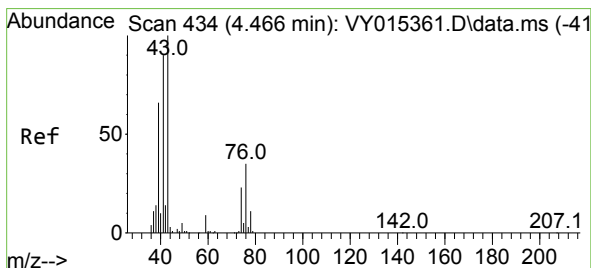
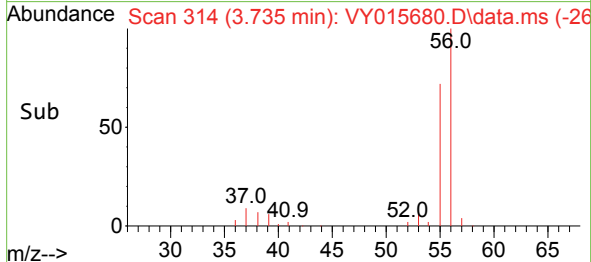
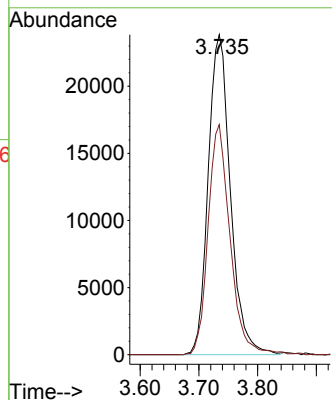
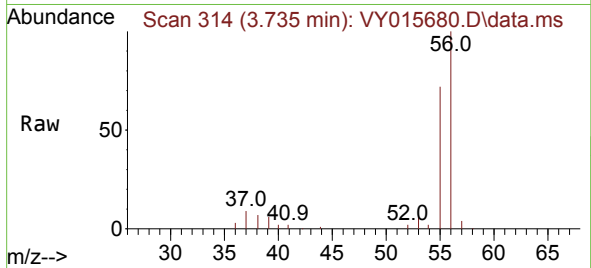




#13
Acrolein
Concen: 238.819 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

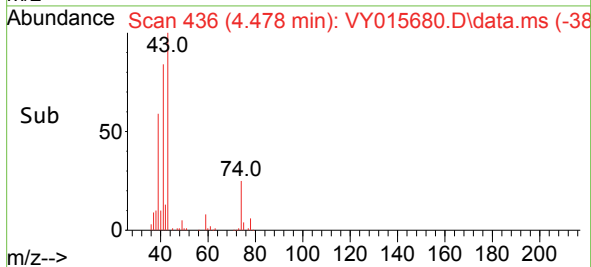
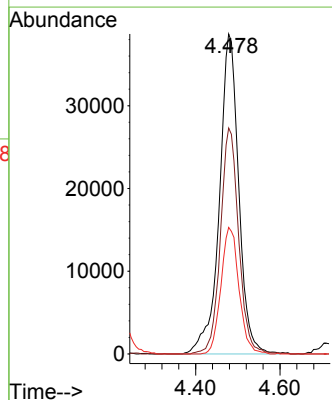
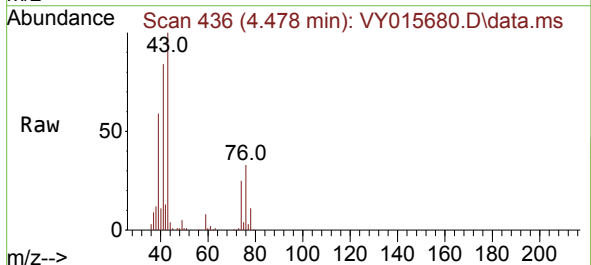
Instrument :
MSVOA_Y
ClientSampleId :

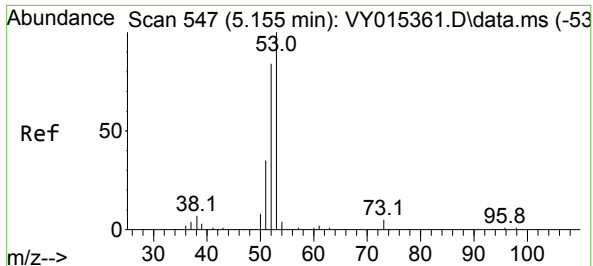
Tgt Ion: 56 Resp: 62584
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.4



#14
Allyl chloride
Concen: 49.062 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

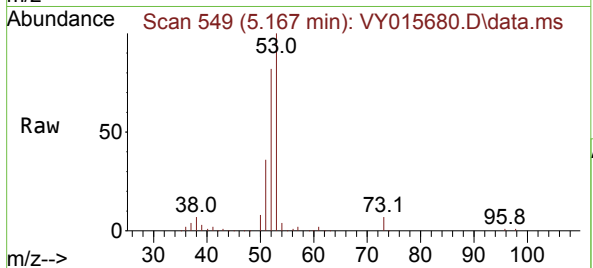
Tgt Ion: 41 Resp: 122732
Ion Ratio Lower Upper
41 100
39 66.5 58.0 87.0
76 36.9 27.4 41.2



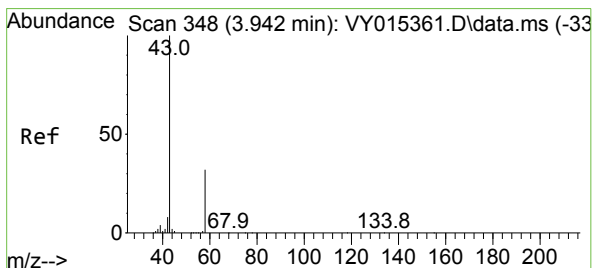
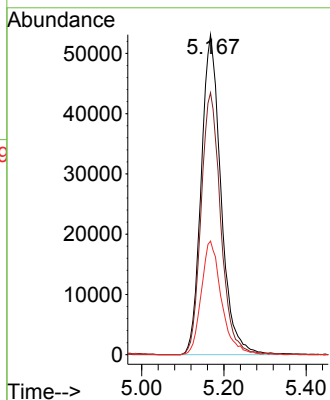
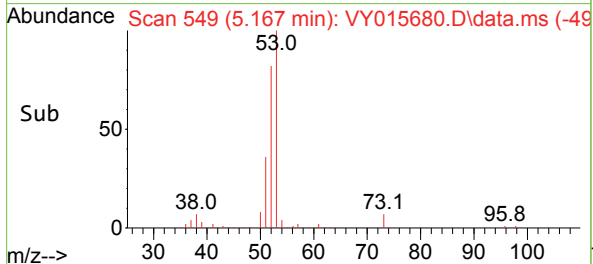


#15
Acrylonitrile
Concen: 228.522 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Instrument :
MSVOA_Y
ClientSampleId :

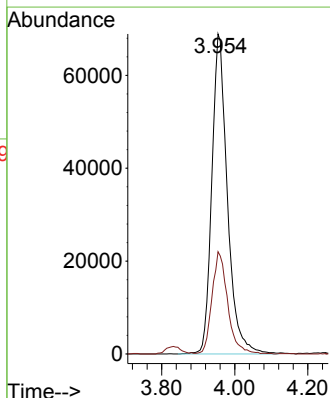
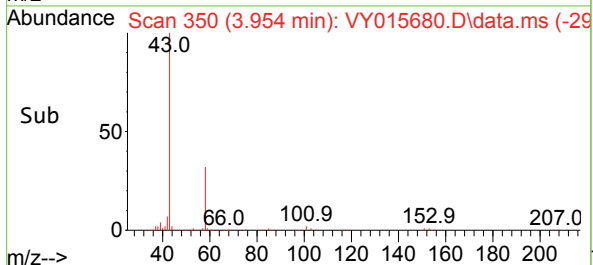
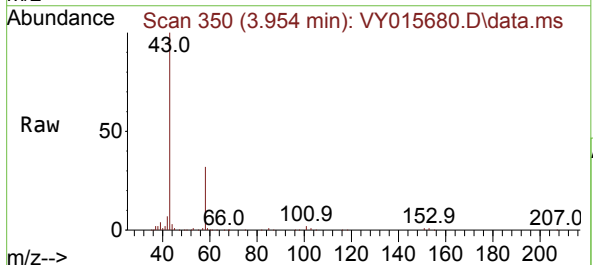


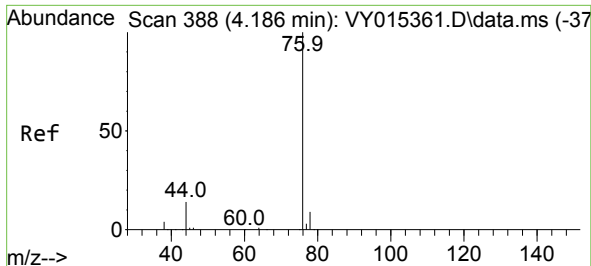
Tgt Ion: 53 Resp: 177282
Ion Ratio Lower Upper
53 100
52 81.1 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 222.151 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion: 43 Resp: 203429
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1

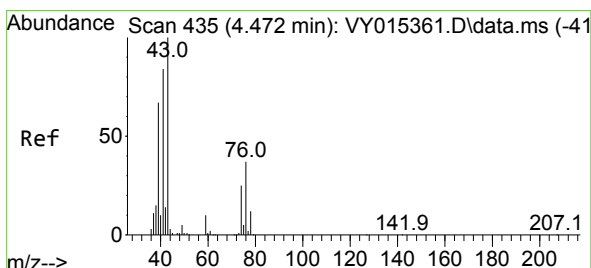
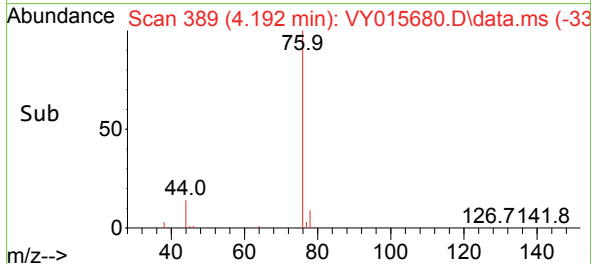
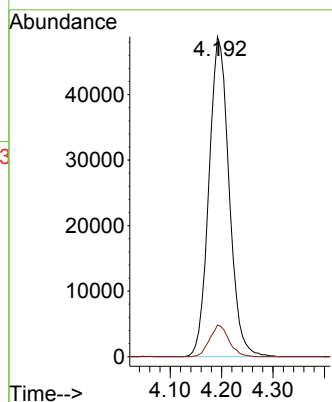
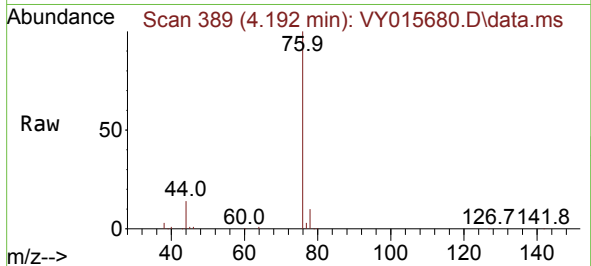




#17
Carbon Disulfide
Concen: 50.071 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

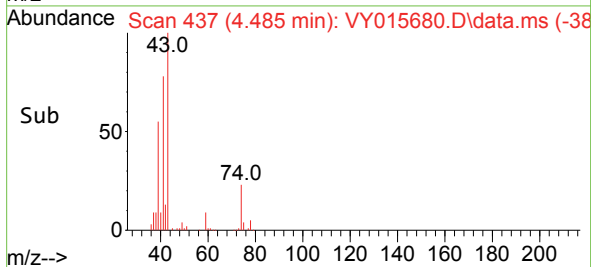
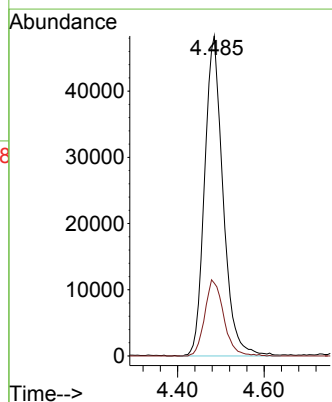
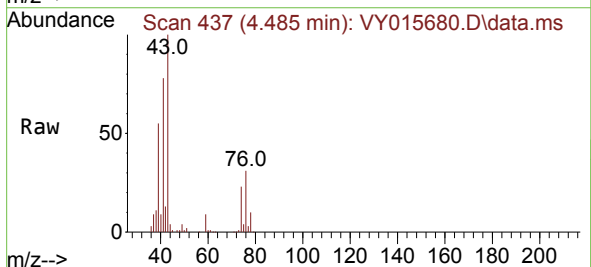
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 133087
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4



#18
Methyl Acetate
Concen: 46.582 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

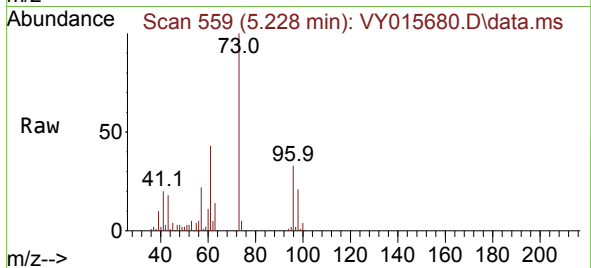
Tgt Ion: 43 Resp: 143121
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0



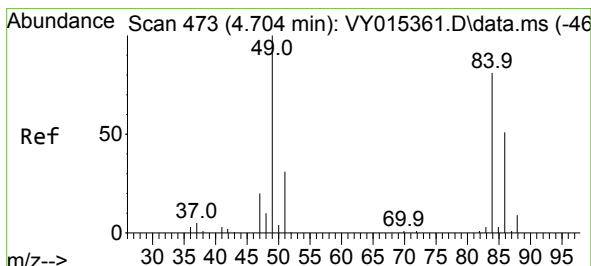
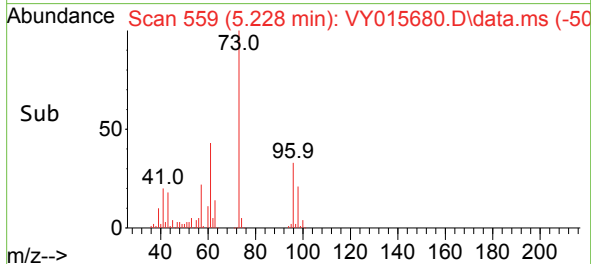
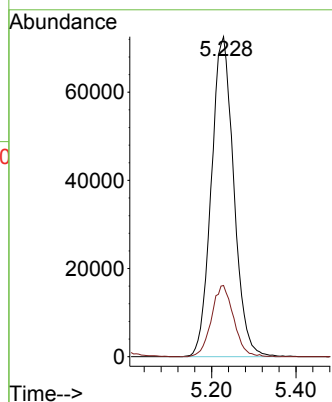


#19
Methyl tert-butyl Ether
Concen: 48.072 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Instrument :
MSVOA_Y
ClientSampleId :

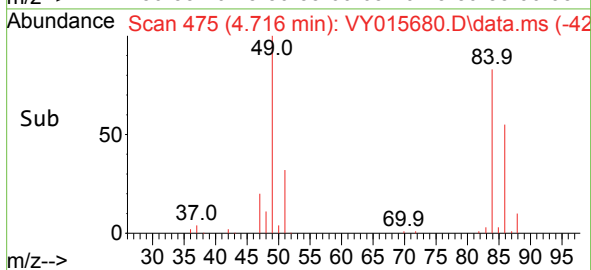
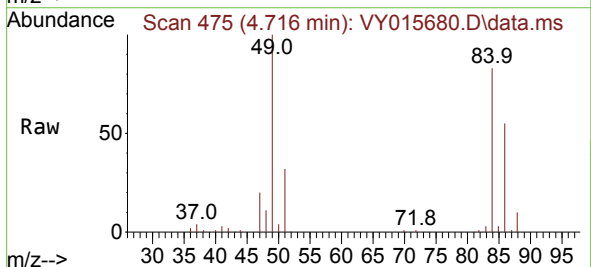
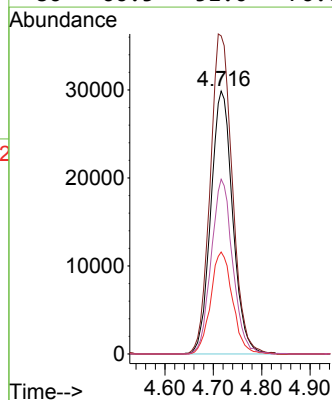


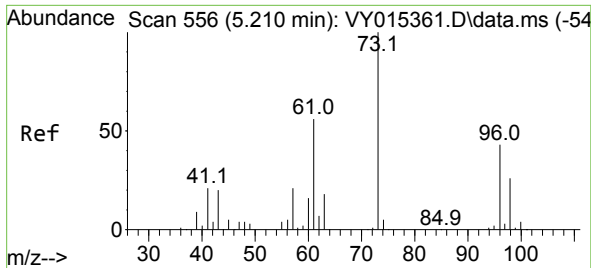
Tgt Ion: 73 Resp: 267878
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 46.542 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion: 84 Resp: 94009
Ion Ratio Lower Upper
84 100
49 121.0 106.9 160.3
51 38.8 33.2 49.8
86 66.5 51.0 76.6

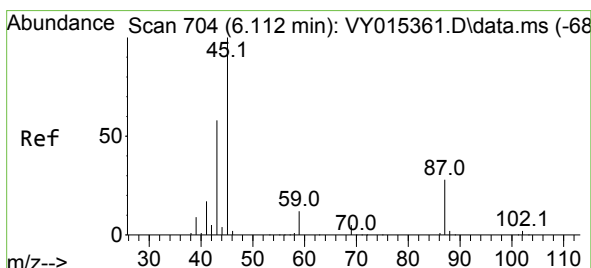
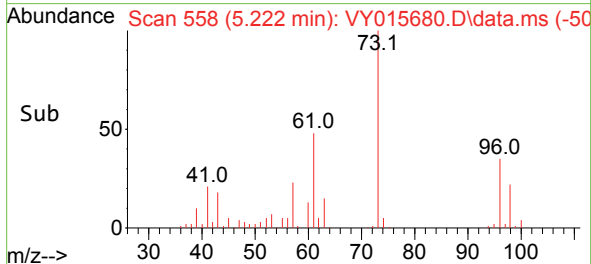
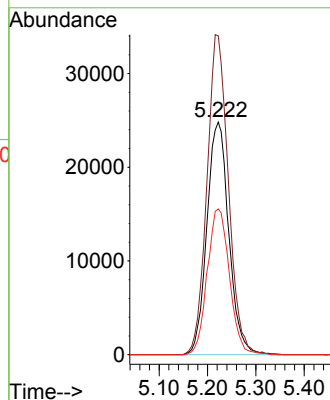
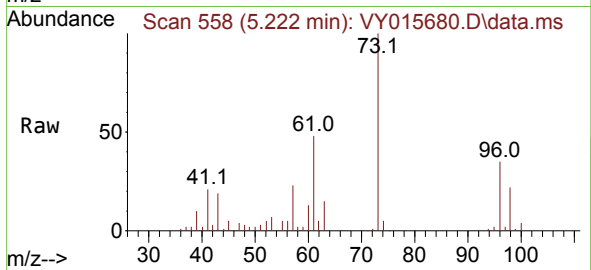




#21
trans-1,2-Dichloroethene
Concen: 49.948 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

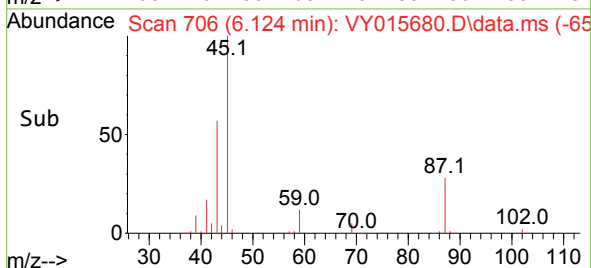
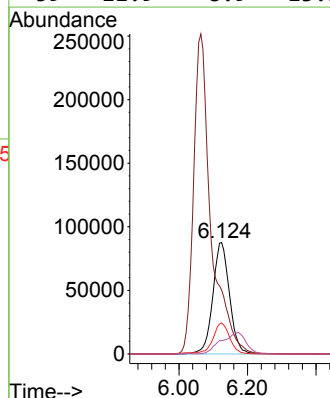
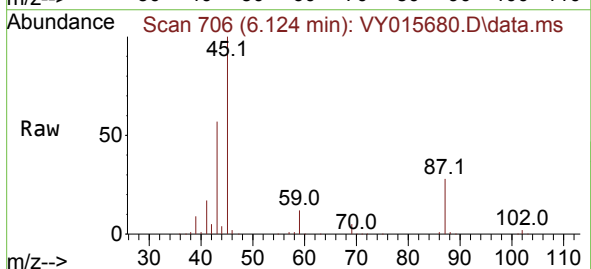
Instrument :
MSVOA_Y
ClientSampleId :

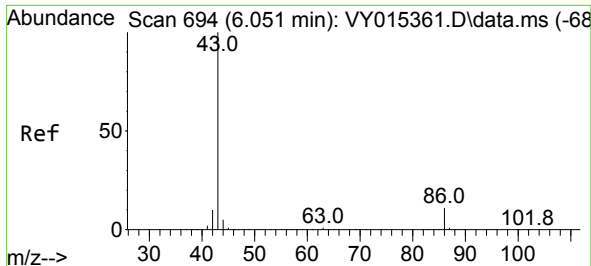
Tgt Ion: 96 Resp: 78111
Ion Ratio Lower Upper
96 100
61 137.1 110.2 165.4
98 62.7 51.8 77.6



#22
Diisopropyl ether
Concen: 49.074 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion: 45 Resp: 295436
Ion Ratio Lower Upper
45 100
43 57.2 52.2 78.4
87 27.8 21.0 31.6
59 11.9 8.9 13.3

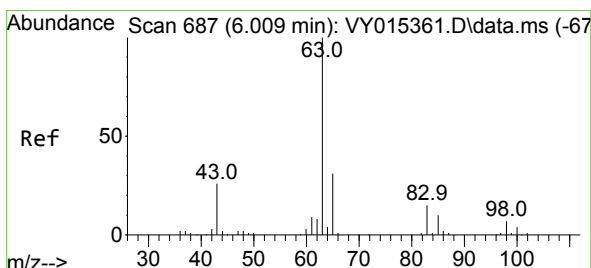
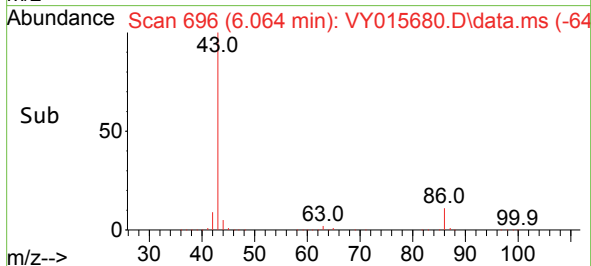
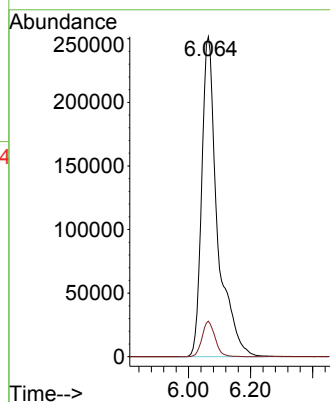
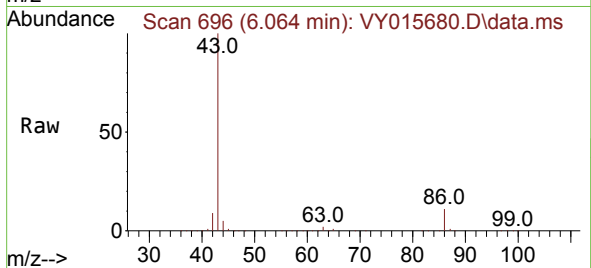




#23
 Vinyl Acetate
 Concen: 238.529 ug/l
 RT: 6.064 min Scan# 694
 Delta R.T. 0.013 min
 Lab File: VY015680.D
 Acq: 22 Sep 2023 12:07

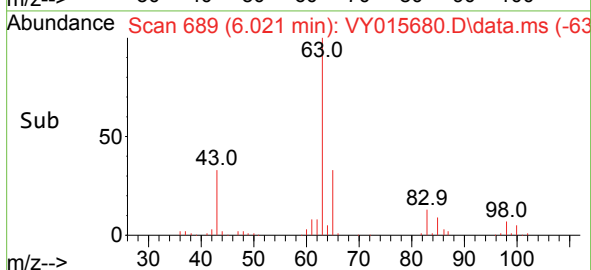
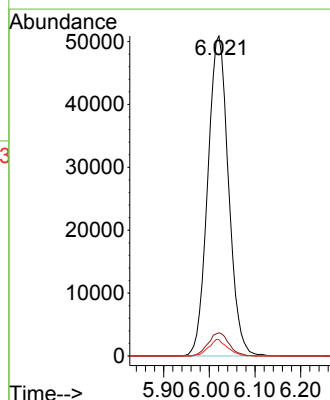
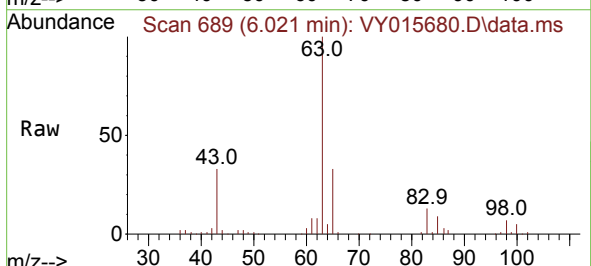
Instrument :
 MSVOA_Y
 ClientSampleId :

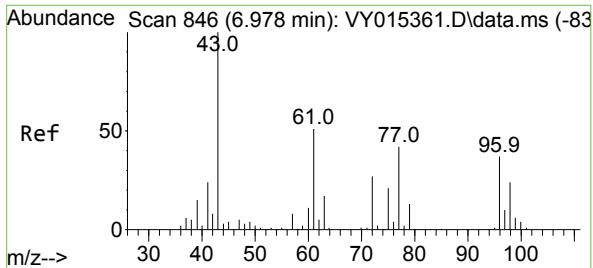
Tgt Ion: 43 Resp: 886347
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 48.937 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.018 min
 Lab File: VY015680.D
 Acq: 22 Sep 2023 12:07

Tgt Ion: 63 Resp: 160582
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 5.1 1.8 5.5





#25

2-Butanone

Concen: 214.498 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

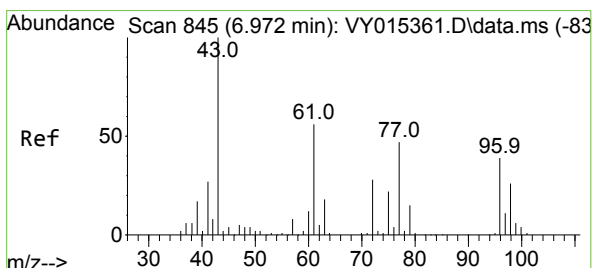
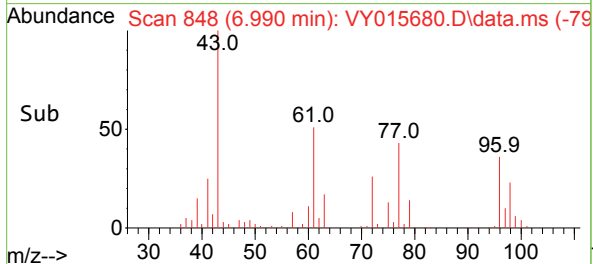
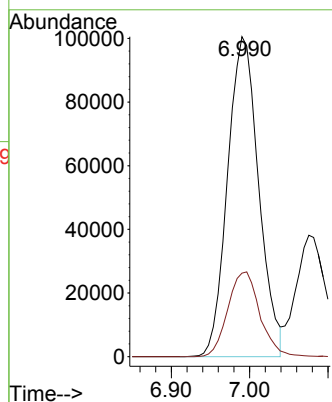
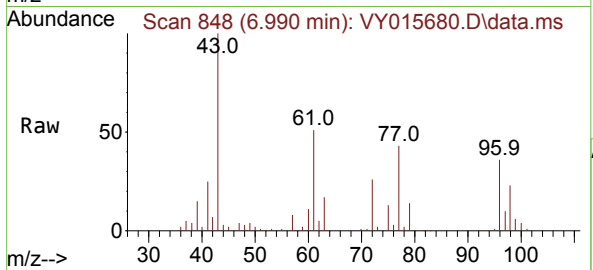
ClientSampleId :

Tgt Ion: 43 Resp: 277633

Ion Ratio Lower Upper

43 100

72 26.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 46.583 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015680.D

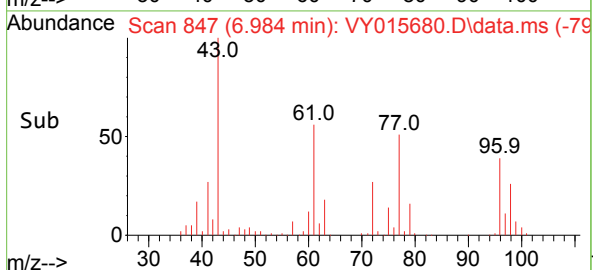
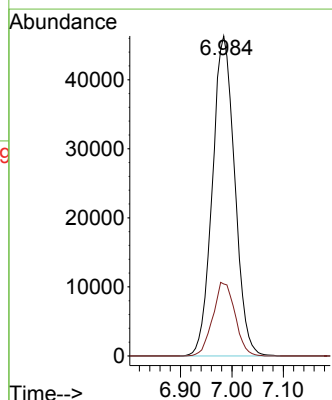
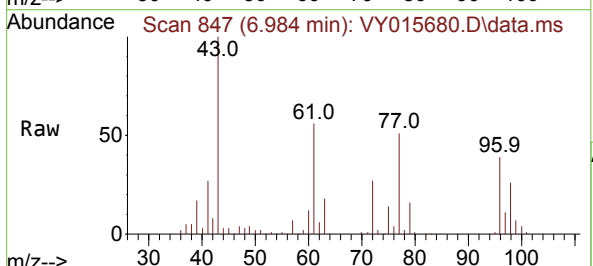
Acq: 22 Sep 2023 12:07

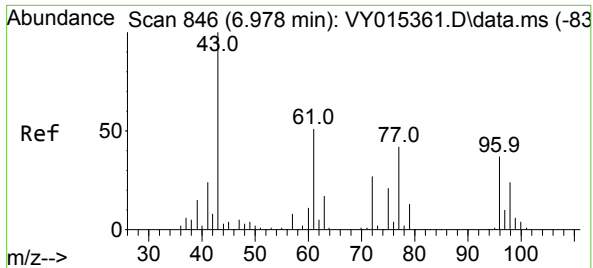
Tgt Ion: 77 Resp: 139712

Ion Ratio Lower Upper

77 100

97 22.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.771 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

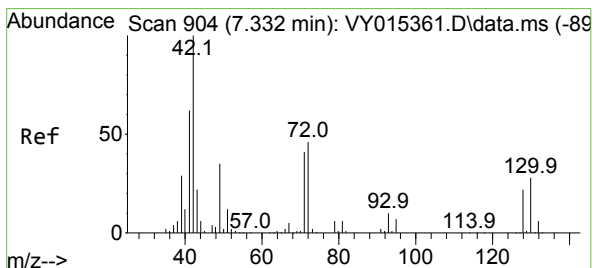
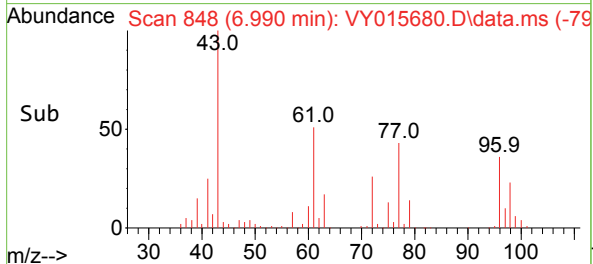
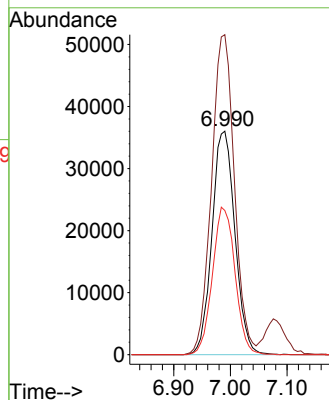
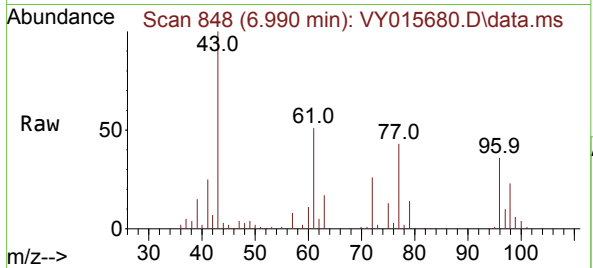
Tgt Ion: 96 Resp: 101255

Ion Ratio Lower Upper

96 100

61 142.6 0.0 301.4

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 47.081 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

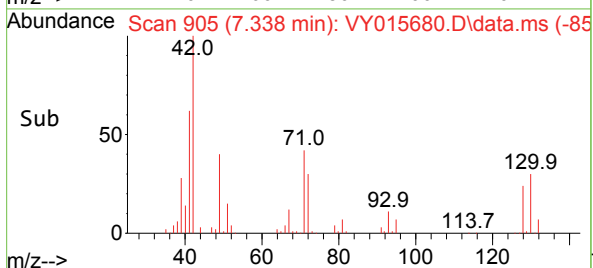
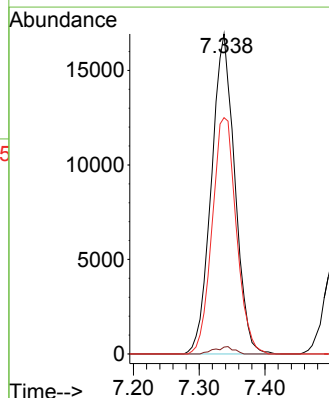
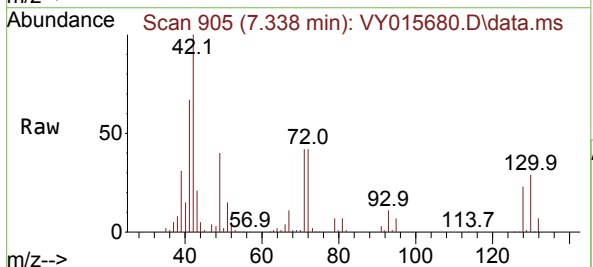
Tgt Ion: 49 Resp: 41915

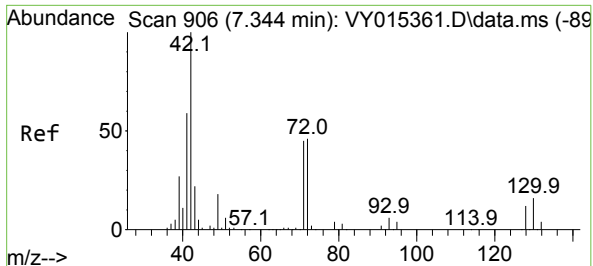
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 76.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 225.812 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

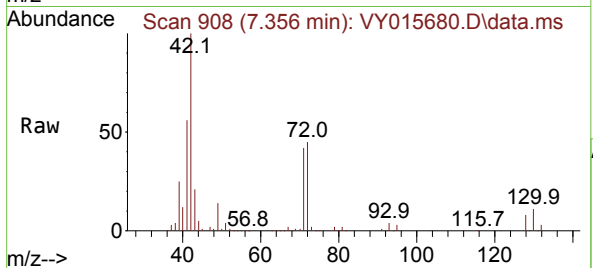
Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :



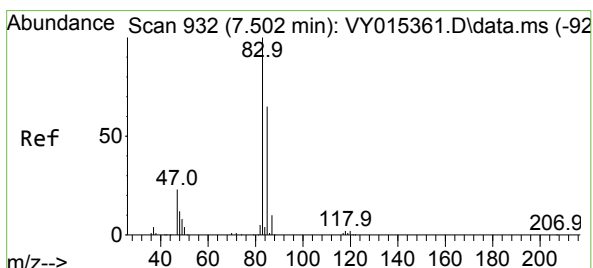
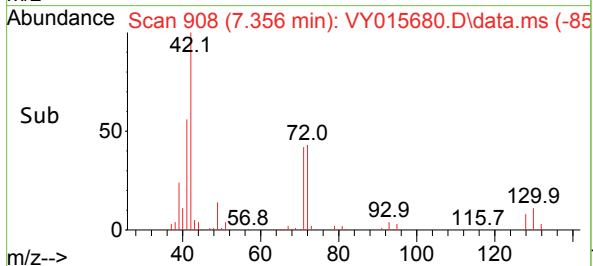
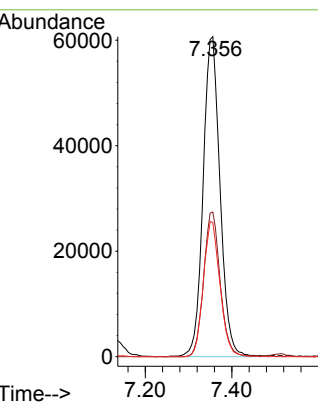
Tgt Ion: 42 Resp: 165198

Ion Ratio Lower Upper

42 100

72 44.2 32.8 49.2

71 41.4 31.0 46.4



#30

Chloroform

Concen: 48.386 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015680.D

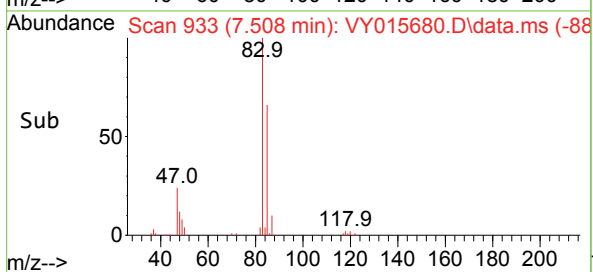
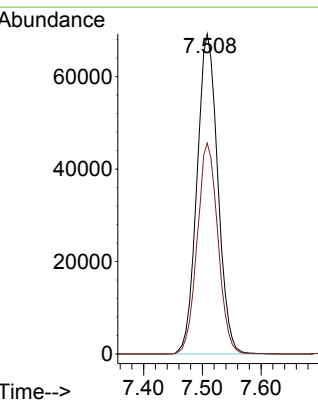
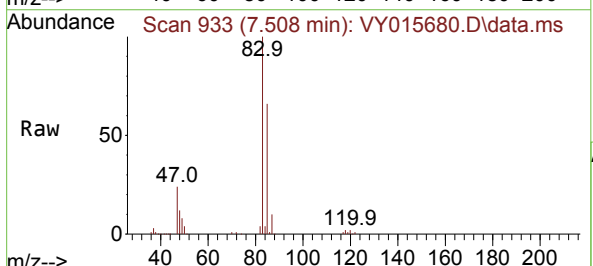
Acq: 22 Sep 2023 12:07

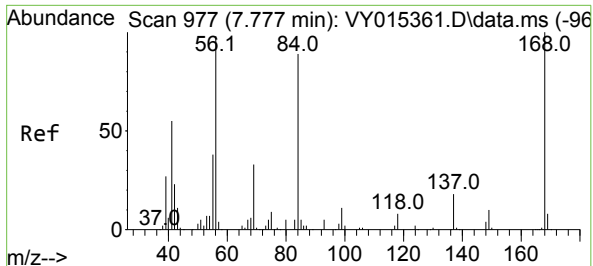
Tgt Ion: 83 Resp: 170032

Ion Ratio Lower Upper

83 100

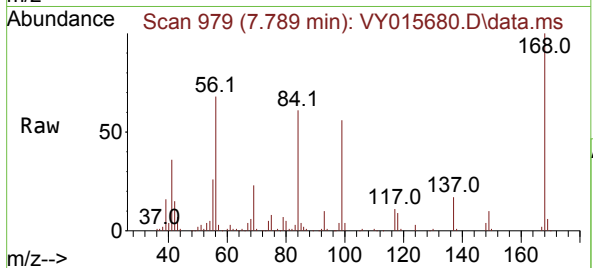
85 65.9 49.7 74.5



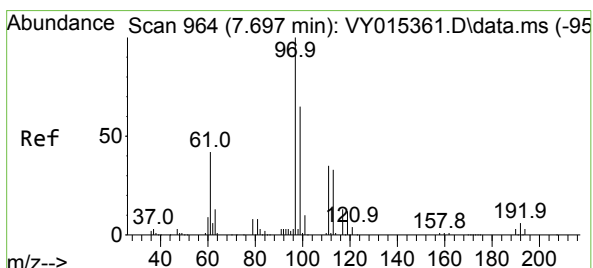
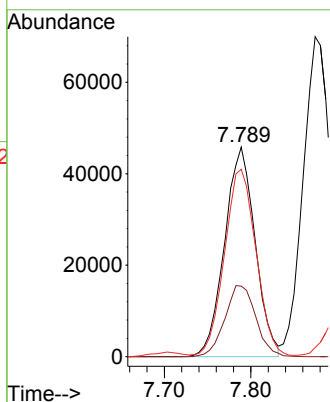
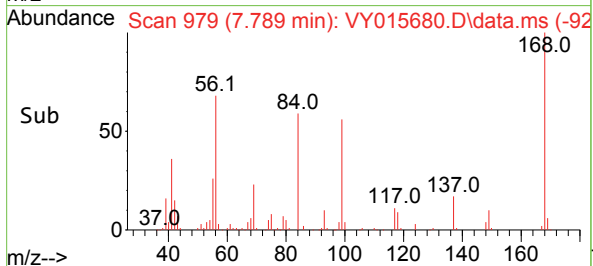


#31
Cyclohexane
Concen: 47.380 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

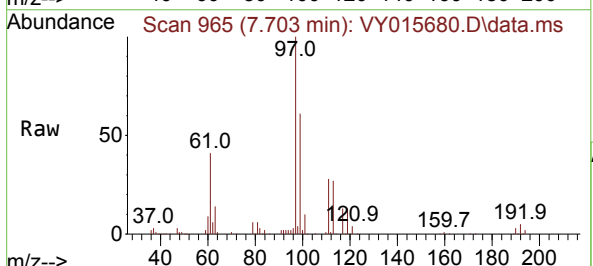
Instrument :
MSVOA_Y
ClientSampleId :



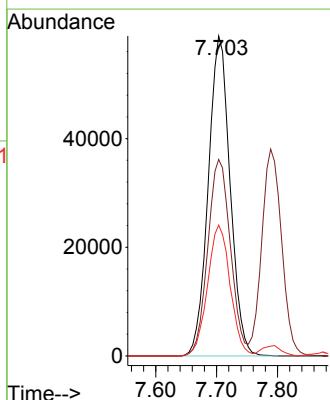
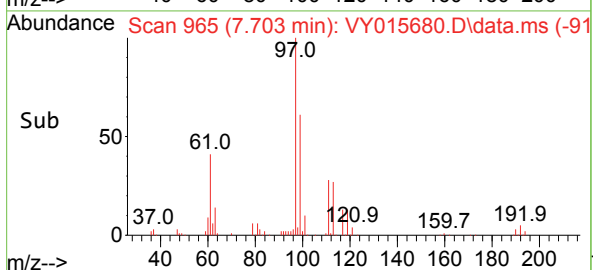
Tgt Ion: 56 Resp: 112311
Ion Ratio Lower Upper
56 100
69 33.7 27.8 41.6
84 87.8 66.4 99.6

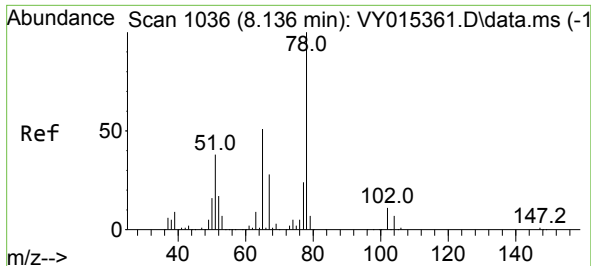


#32
1,1,1-Trichloroethane
Concen: 50.568 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07



Tgt Ion: 97 Resp: 146696
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 39.029 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

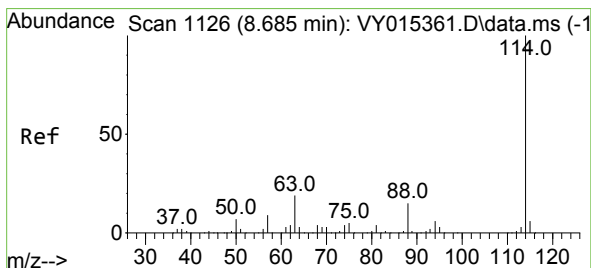
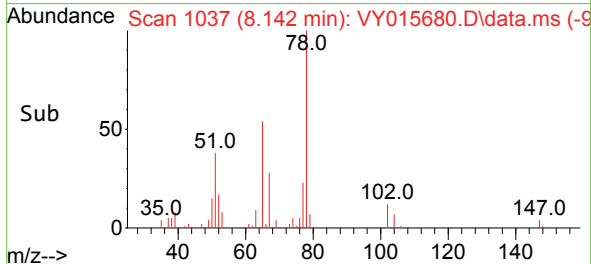
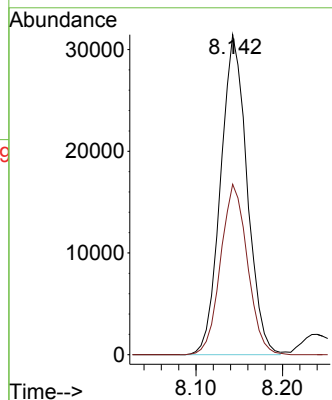
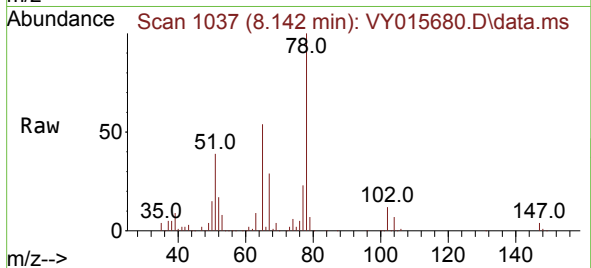
ClientSampleId :

Tgt Ion: 65 Resp: 66784

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

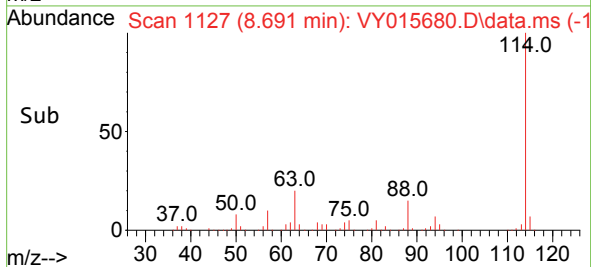
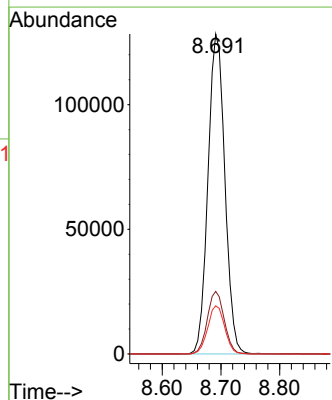
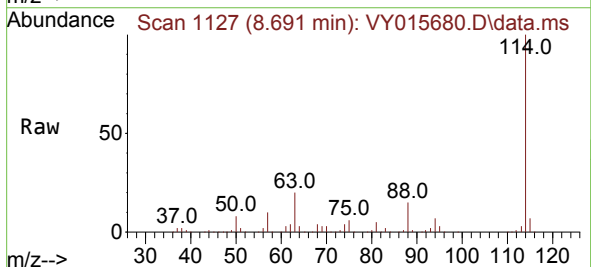
Tgt Ion: 114 Resp: 256481

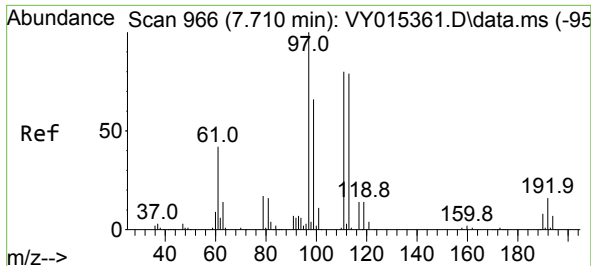
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.0 0.0 30.6

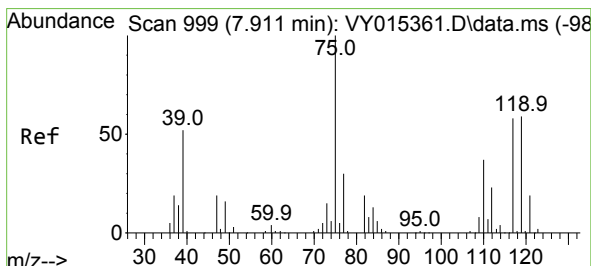
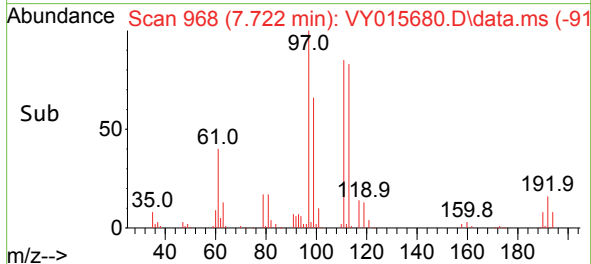
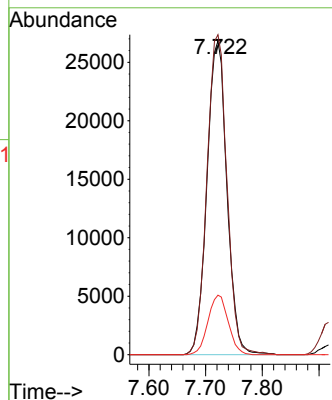
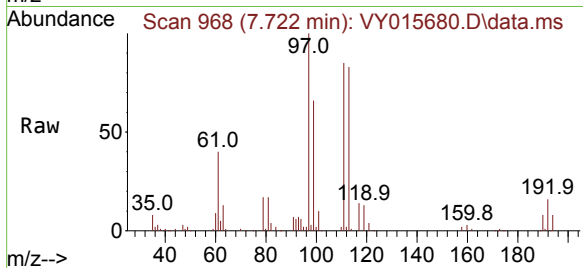




#35
Dibromofluoromethane
Concen: 42.722 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

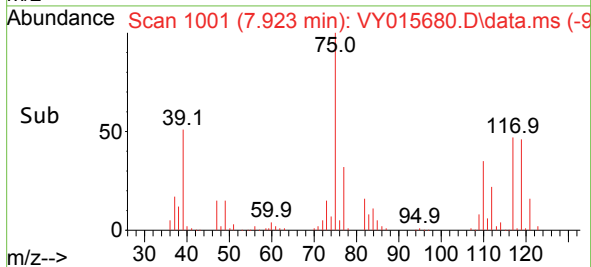
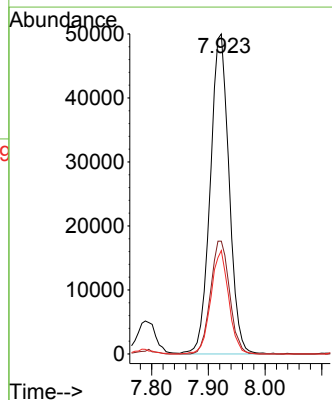
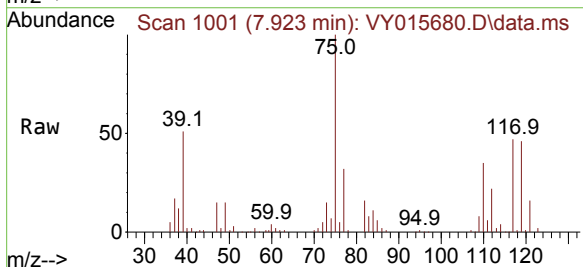
Instrument :
MSVOA_Y
ClientSampleId :

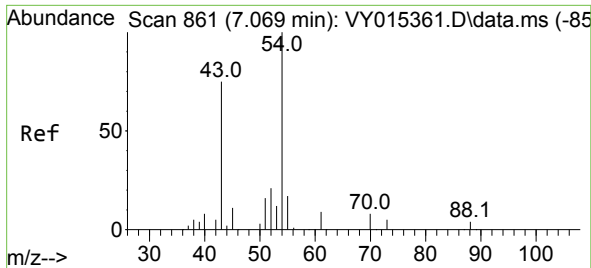
Tgt Ion:113 Resp: 65583
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.708 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion: 75 Resp: 115097
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.8 24.4 36.6

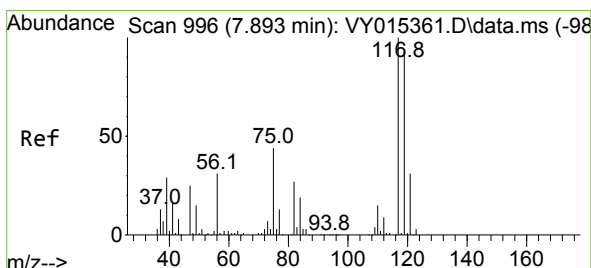
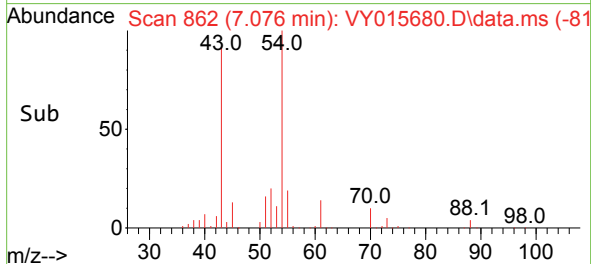
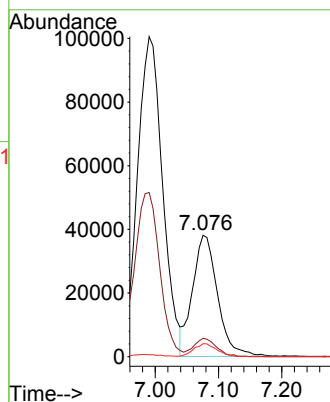
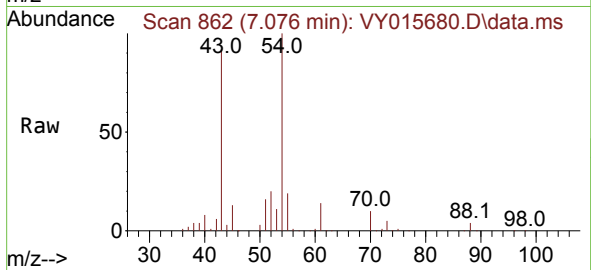




#37
Ethyl Acetate
Concen: 46.383 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.013 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

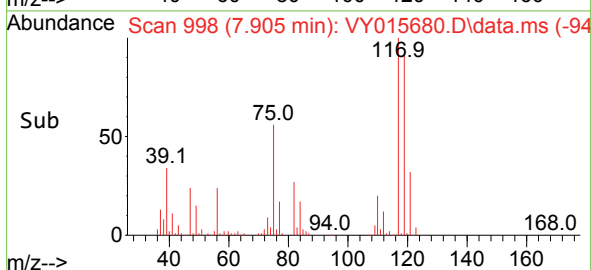
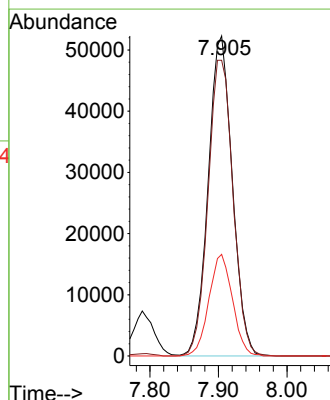
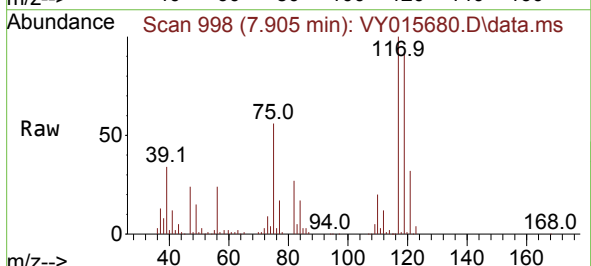
Instrument :
MSVOA_Y
ClientSampleId :

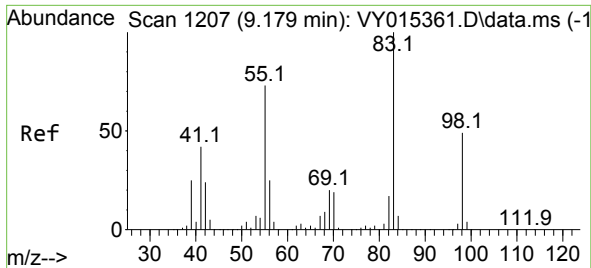
Tgt Ion: 43 Resp: 105014
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 10.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 51.899 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.012 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion: 117 Resp: 127870
Ion Ratio Lower Upper
117 100
119 92.4 76.4 114.6
121 31.7 25.8 38.6

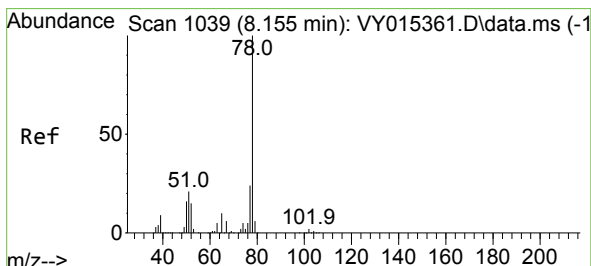
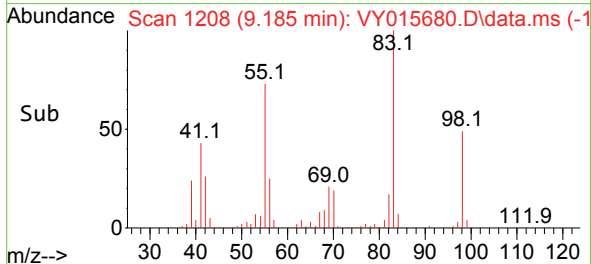
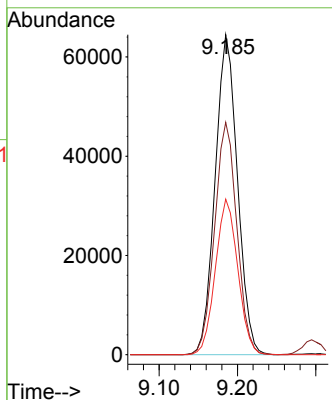
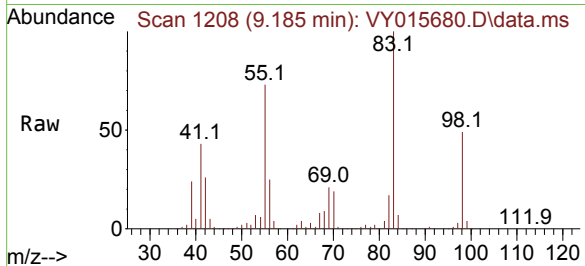




#39
Methylcyclohexane
Concen: 51.019 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

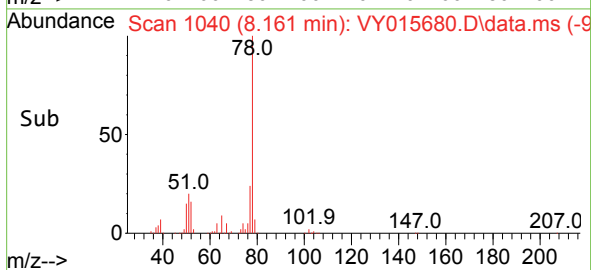
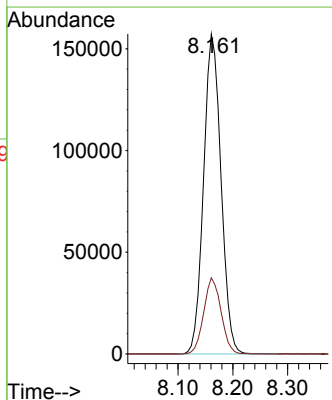
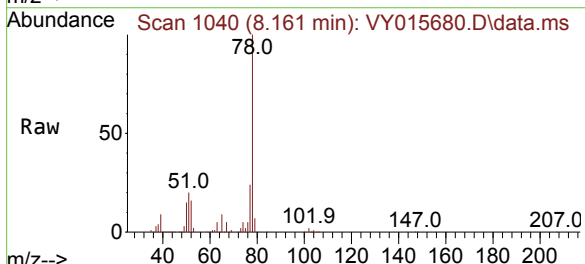
Instrument :
MSVOA_Y
ClientSampleId :

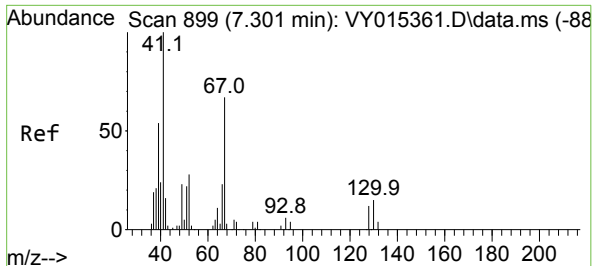
Tgt Ion: 83 Resp: 128084
Ion Ratio Lower Upper
83 100
55 72.6 63.0 94.4
98 48.6 37.4 56.2



#40
Benzene
Concen: 50.007 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion: 78 Resp: 346143
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

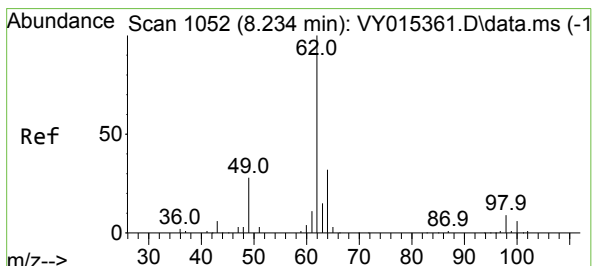
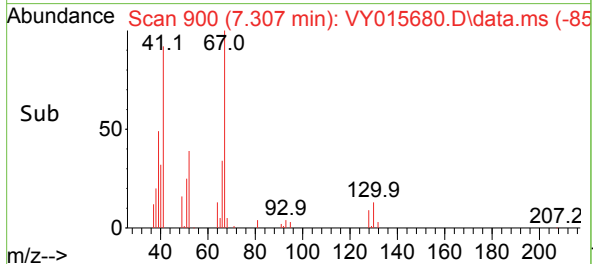
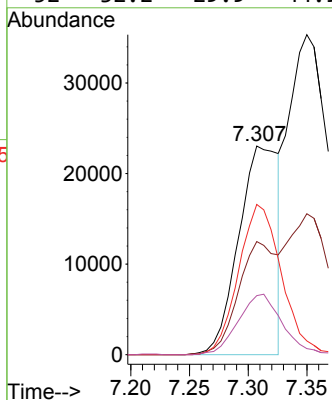
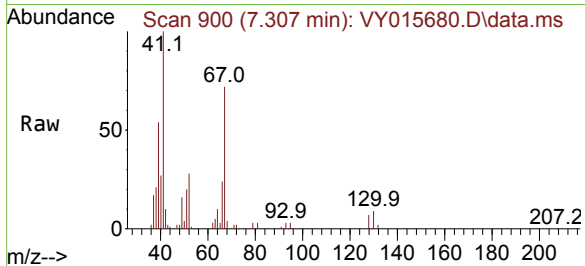




#41
Methacrylonitrile
Concen: 44.453 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

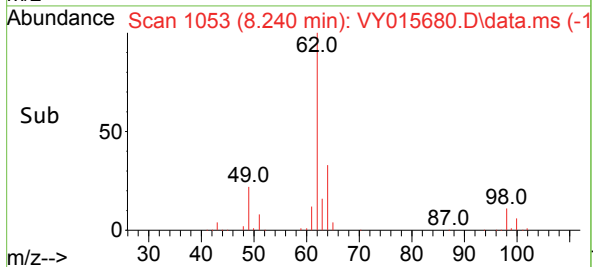
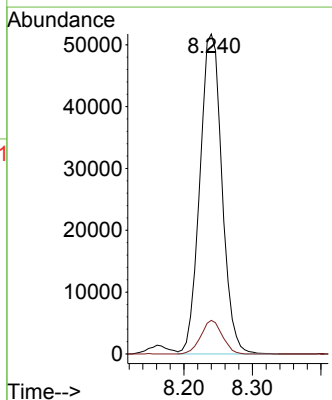
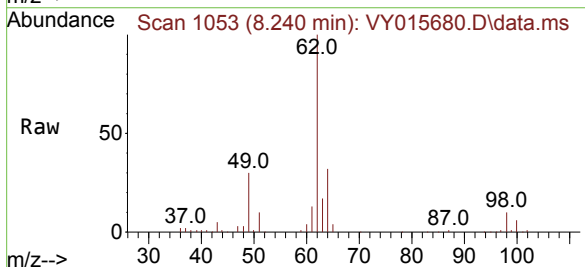
Instrument :
MSVOA_Y
ClientSampleId :

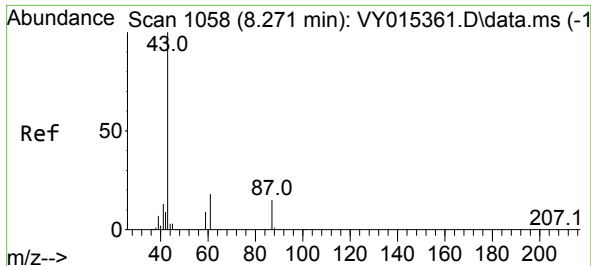
Tgt Ion:	41	Resp:	54191
Ion	Ratio	Lower	Upper
41	100		
39	52.7	52.1	78.1
67	78.2	66.2	99.2
52	32.2	29.9	44.9



#42
1,2-Dichloroethane
Concen: 48.938 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion:	62	Resp:	116013
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	15.8

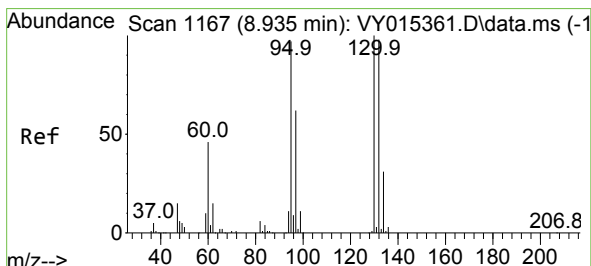
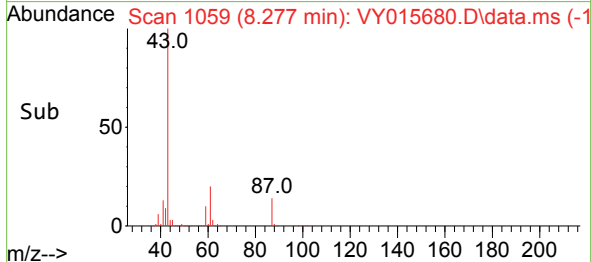
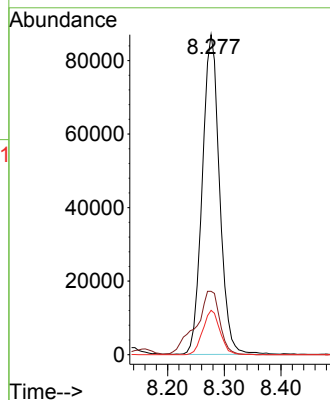
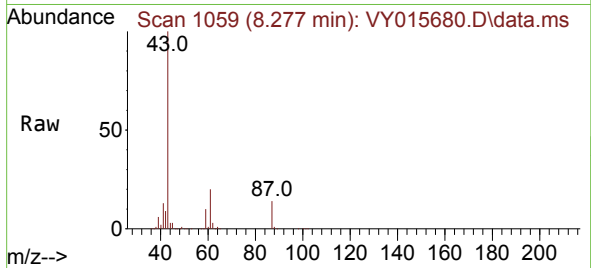




#43
Isopropyl Acetate
Concen: 47.479 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.013 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

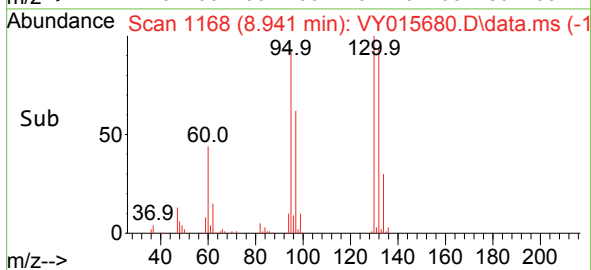
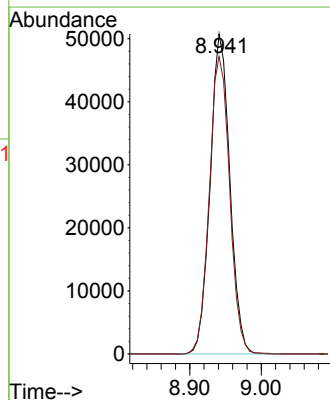
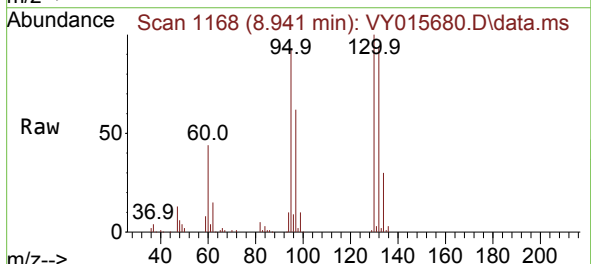
Instrument :
MSVOA_Y
ClientSampleId :

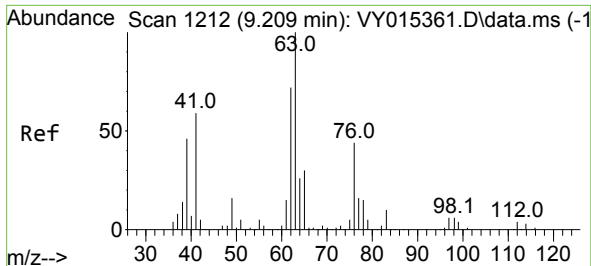
Tgt Ion: 43 Resp: 183619
Ion Ratio Lower Upper
43 100
61 27.5 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 50.270 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion:130 Resp: 97186
Ion Ratio Lower Upper
130 100
95 92.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.027 ug/l

RT: 9.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

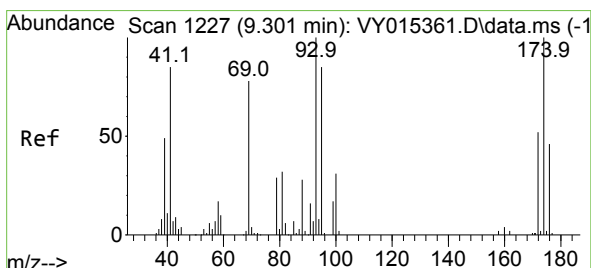
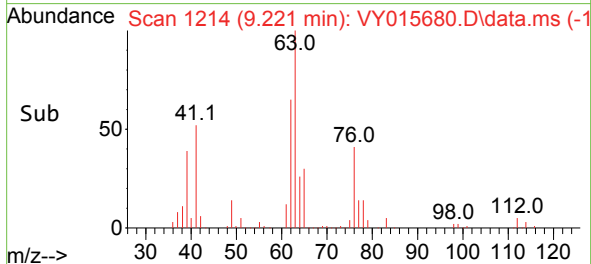
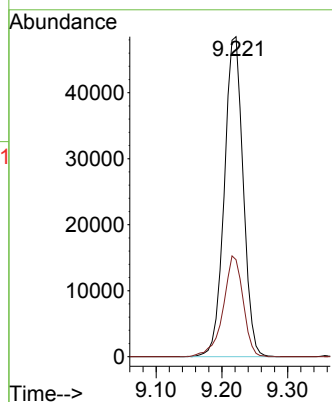
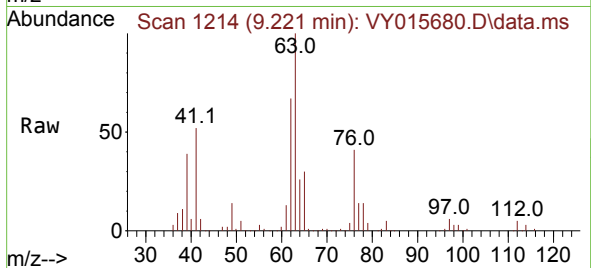
ClientSampleId :

Tgt Ion: 63 Resp: 96568

Ion Ratio Lower Upper

63 100

65 30.3 23.8 35.6



#46

Dibromomethane

Concen: 49.353 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

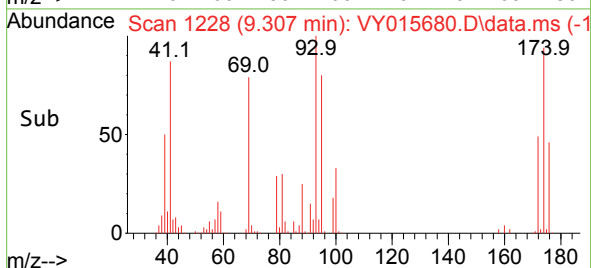
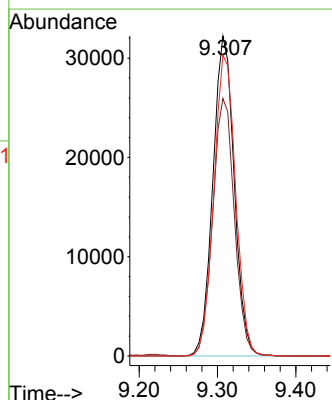
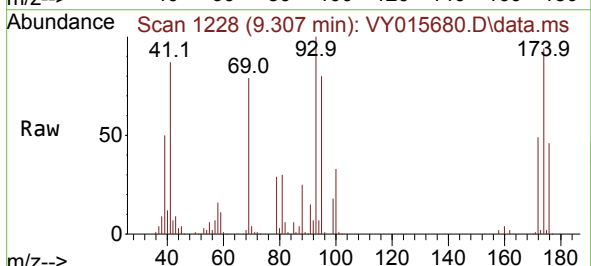
Tgt Ion: 93 Resp: 60939

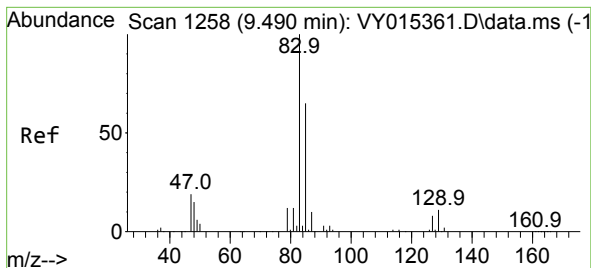
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 96.2 84.8 127.2





#47

Bromodichloromethane

Concen: 49.855 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

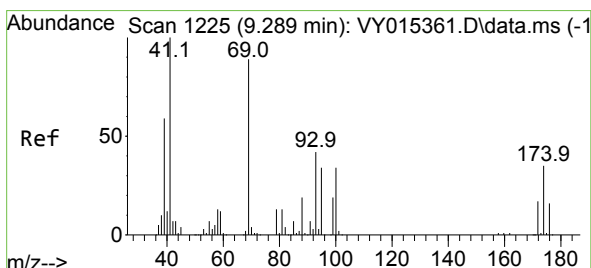
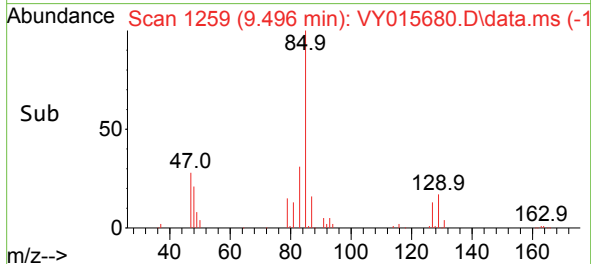
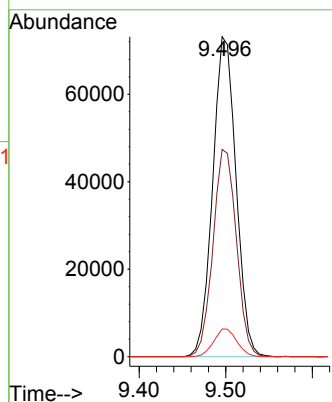
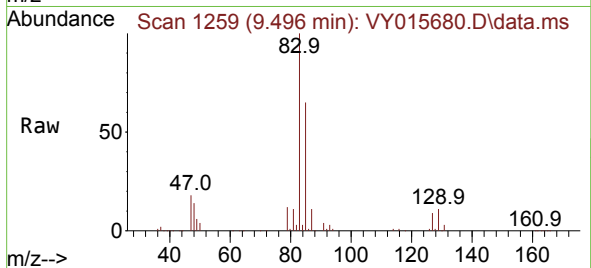
Tgt Ion: 83 Resp: 137213

Ion Ratio Lower Upper

83 100

85 64.8 50.1 75.1

127 8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 48.255 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

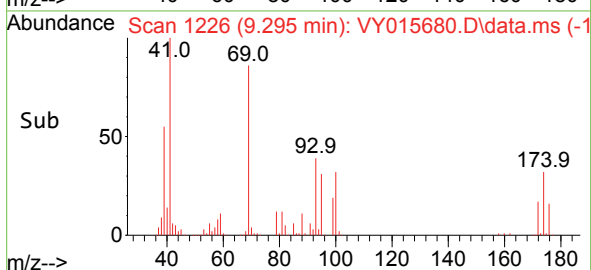
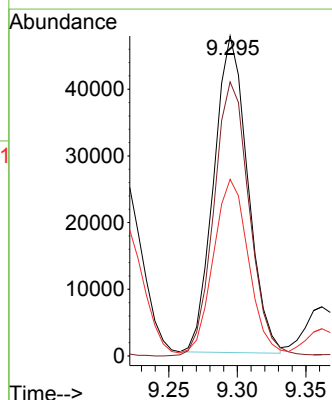
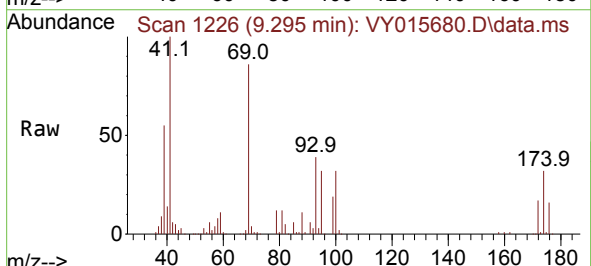
Tgt Ion: 41 Resp: 81915

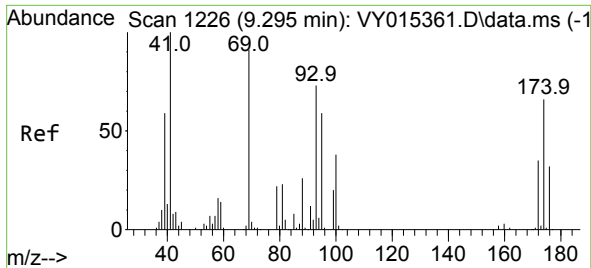
Ion Ratio Lower Upper

41 100

69 90.9 64.5 96.7

39 58.3 50.8 76.2





#49

1,4-Dioxane

Concen: 965.657 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.018 min

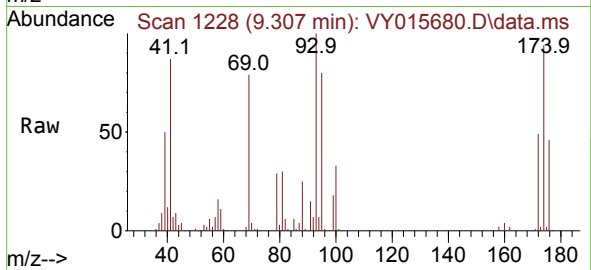
Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :



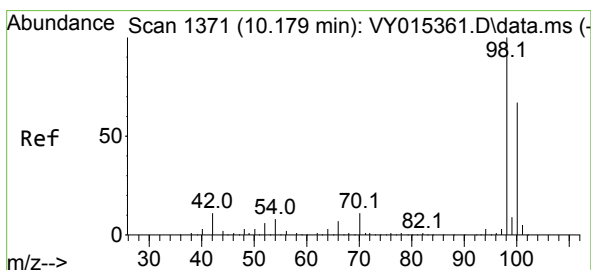
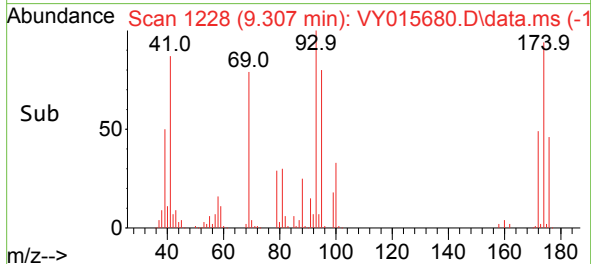
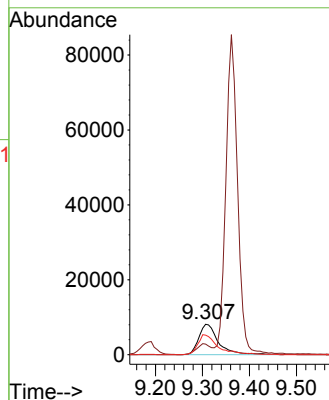
Tgt Ion: 88 Resp: 23556

Ion Ratio Lower Upper

88 100

43 27.6 0.0 0.0#

58 68.0 30.9 46.3#



#50

Toluene-d8

Concen: 40.250 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015680.D

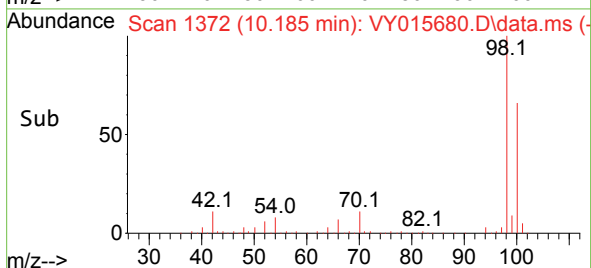
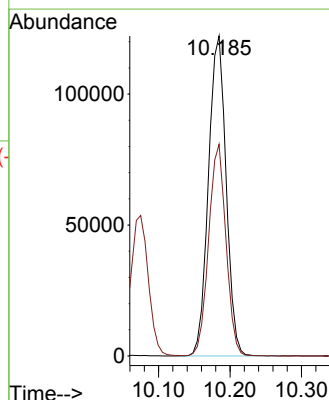
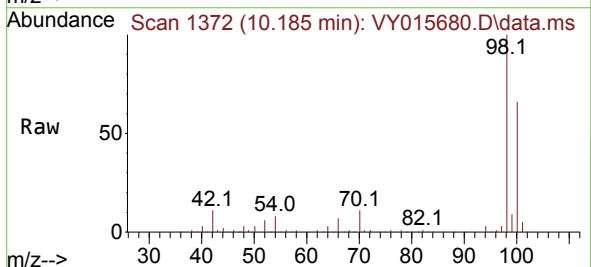
Acq: 22 Sep 2023 12:07

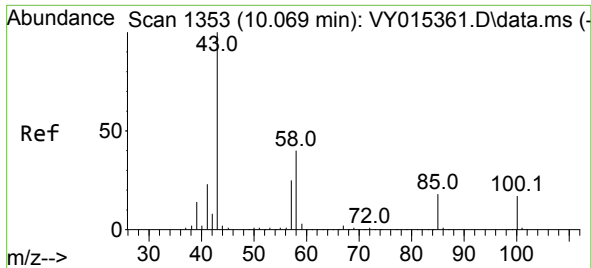
Tgt Ion: 98 Resp: 209506

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1

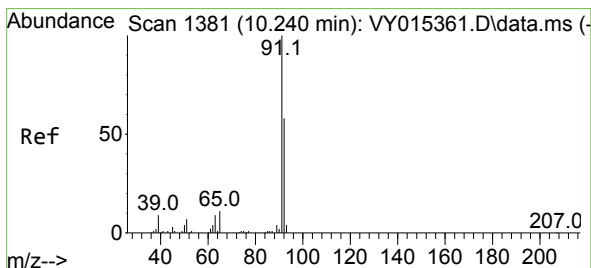
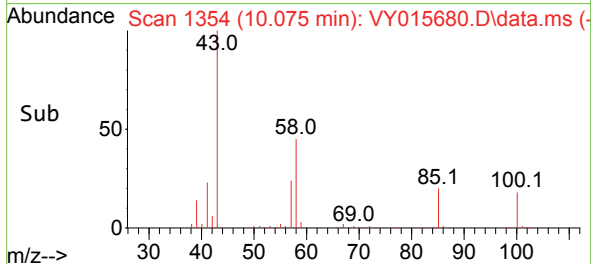
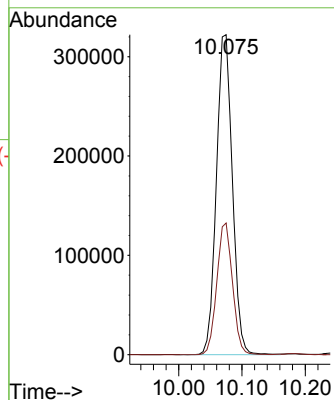
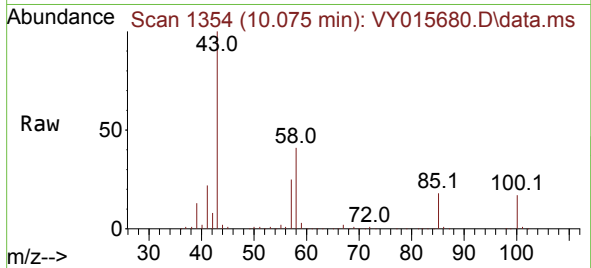




#51
4-Methyl-2-Pentanone
Concen: 235.670 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

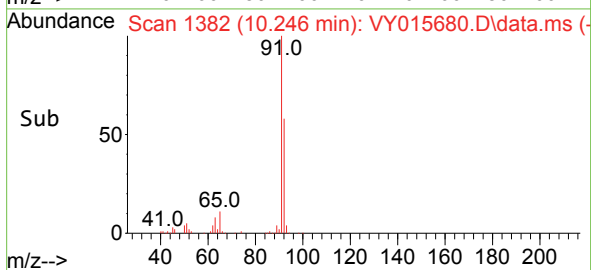
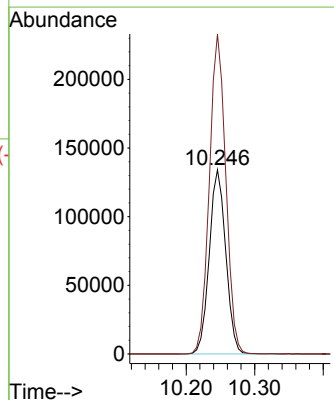
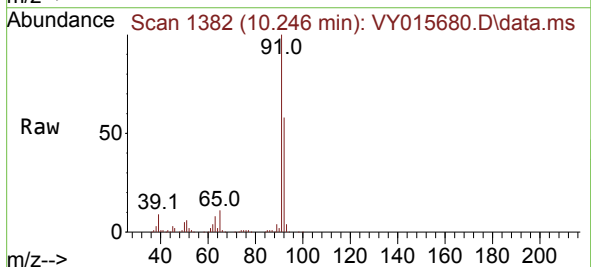
Instrument :
MSVOA_Y
ClientSampleId :

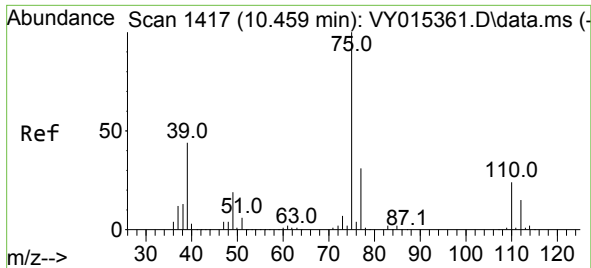
Tgt Ion: 43 Resp: 564920
Ion Ratio Lower Upper
43 100
58 40.3 29.0 43.6



#52
Toluene
Concen: 50.199 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion: 92 Resp: 224013
Ion Ratio Lower Upper
92 100
91 173.2 143.8 215.6

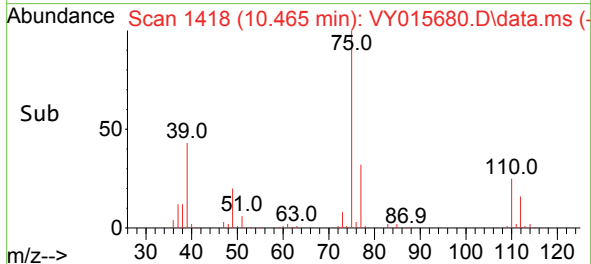
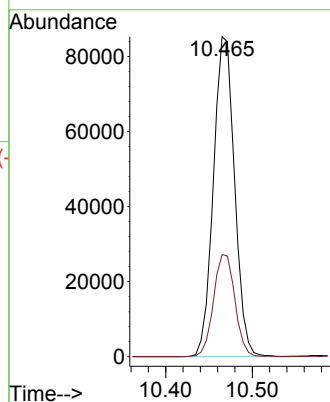
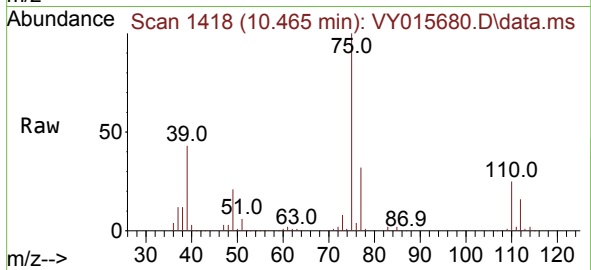




#53
 t-1,3-Dichloropropene
 Concen: 49.086 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015680.D
 Acq: 22 Sep 2023 12:07

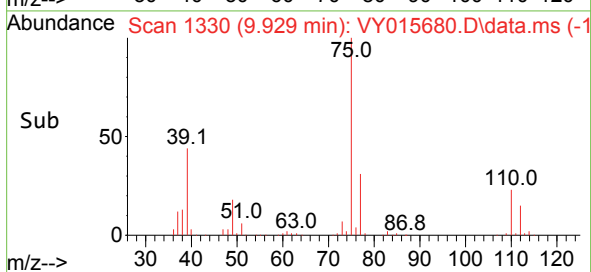
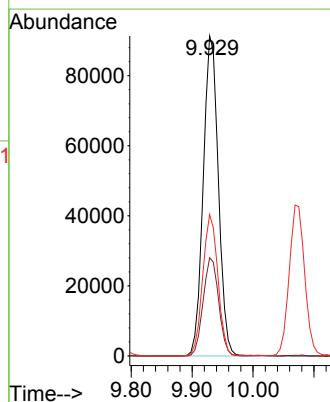
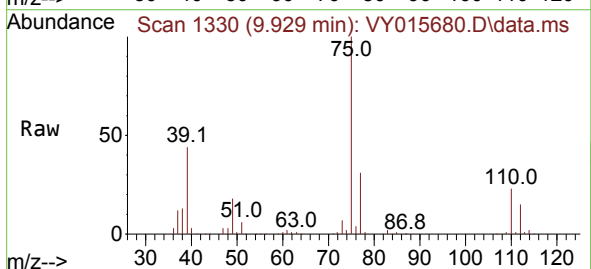
Instrument :
 MSVOA_Y
 ClientSampleId :

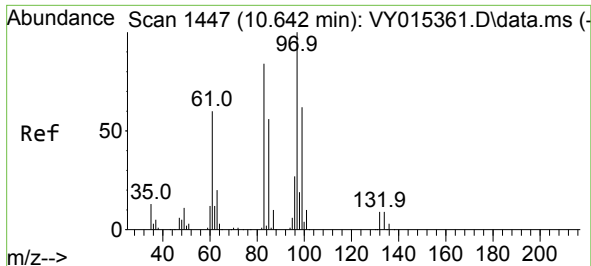
Tgt Ion: 75 Resp: 144873
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.677 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015680.D
 Acq: 22 Sep 2023 12:07

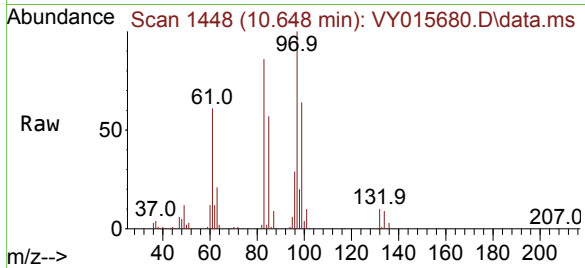
Tgt Ion: 75 Resp: 157821
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.2 36.4
 39 44.2 42.2 63.4



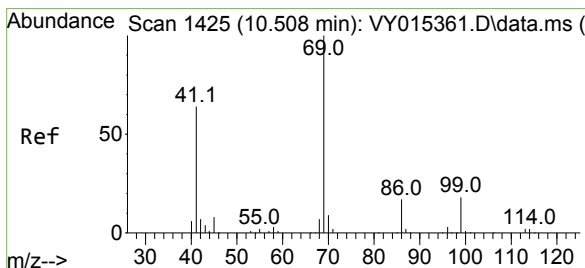
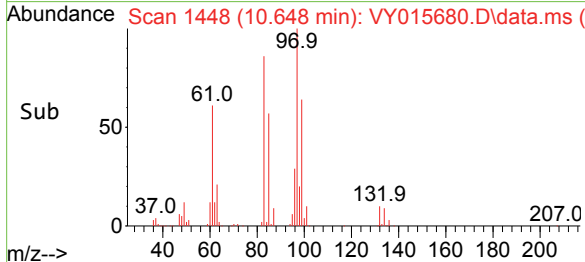
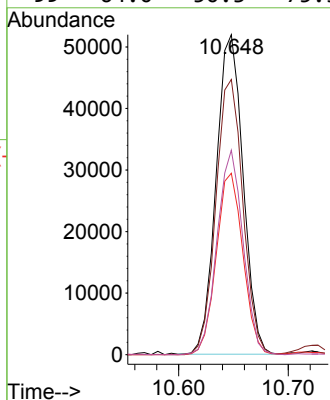


#55
1,1,2-Trichloroethane
Concen: 48.880 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Instrument :
MSVOA_Y
ClientSampleId :

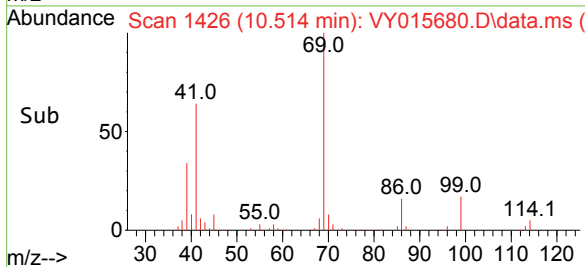
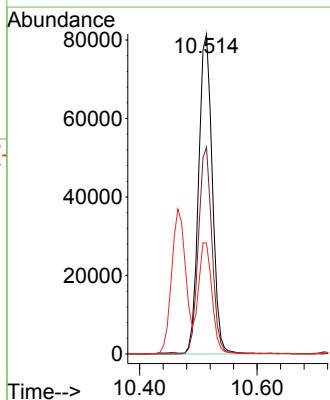
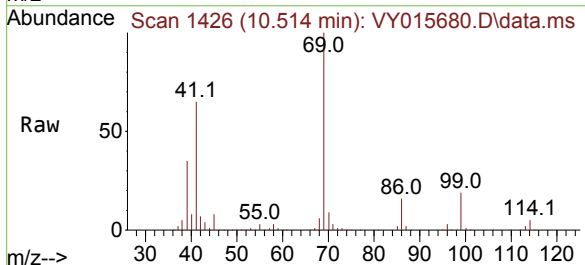


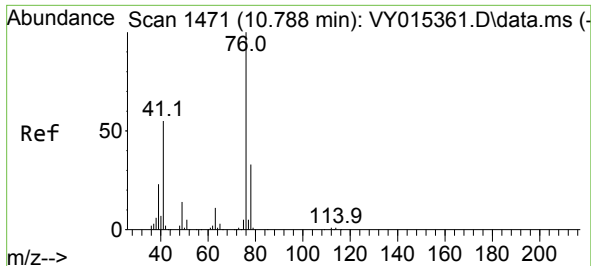
Tgt Ion:	97	Resp:	88449
Ion	Ratio	Lower	Upper
97	100		
83	86.2	72.0	108.0
85	56.8	45.4	68.0
99	64.0	50.3	75.5



#56
Ethyl methacrylate
Concen: 49.556 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion:	69	Resp:	132150
Ion	Ratio	Lower	Upper
69	100		
41	63.7	57.6	86.4
39	34.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 48.764 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

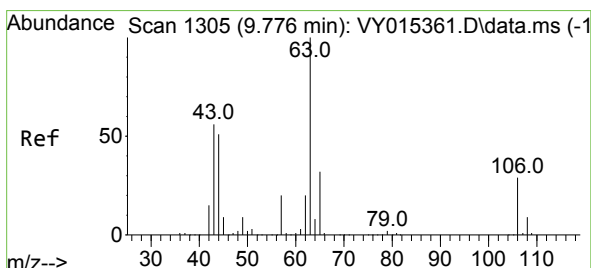
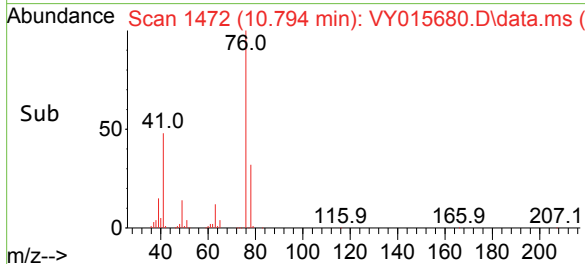
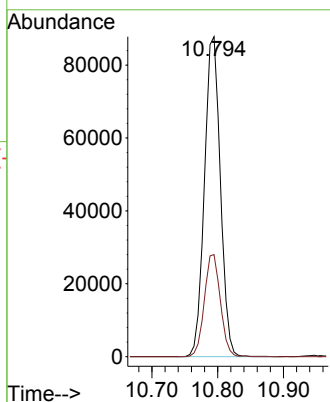
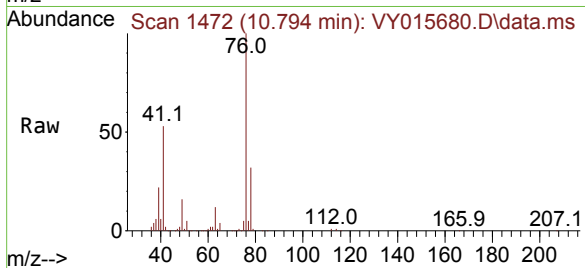
ClientSampleId :

Tgt Ion: 76 Resp: 147975

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 217.660 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015680.D

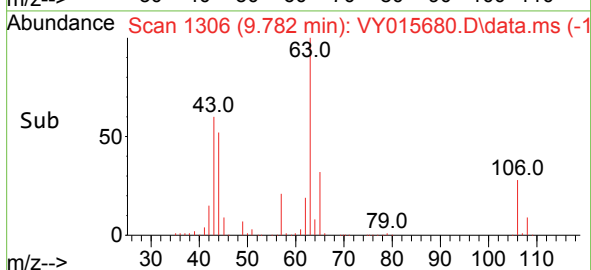
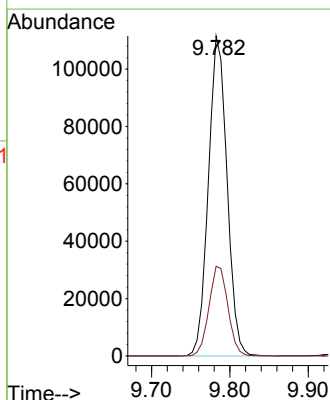
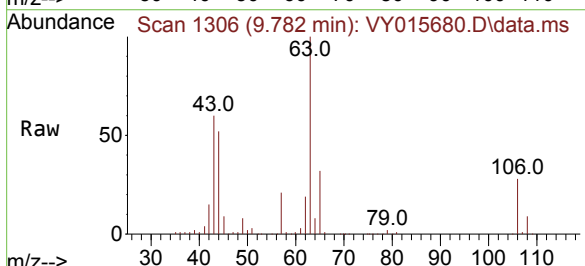
Acq: 22 Sep 2023 12:07

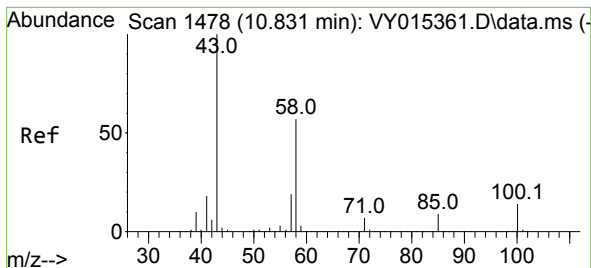
Tgt Ion: 63 Resp: 184368

Ion Ratio Lower Upper

63 100

106 28.4 21.2 31.8

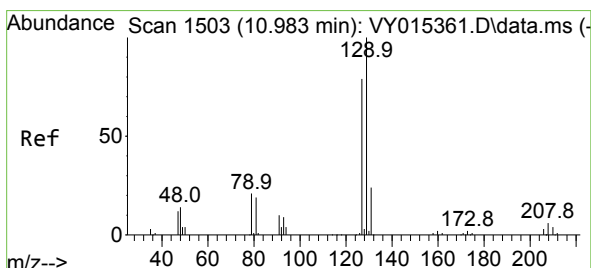
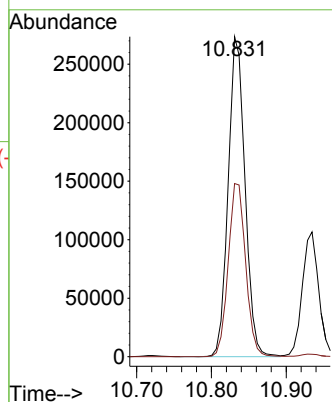
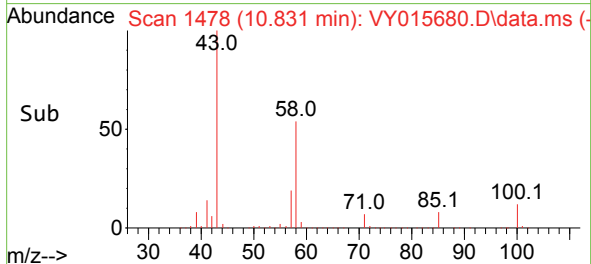
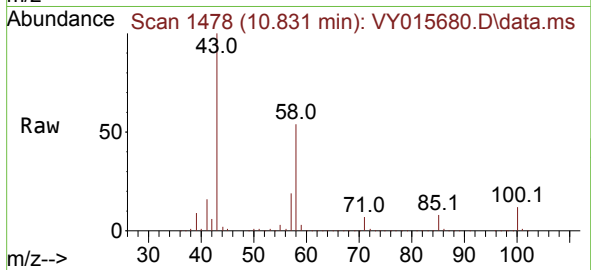




#59
2-Hexanone
Concen: 232.892 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

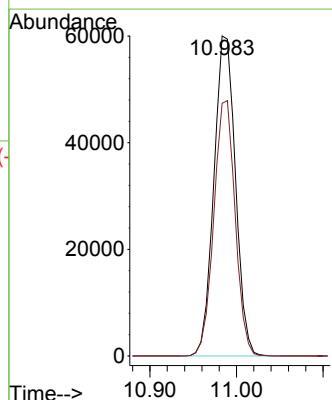
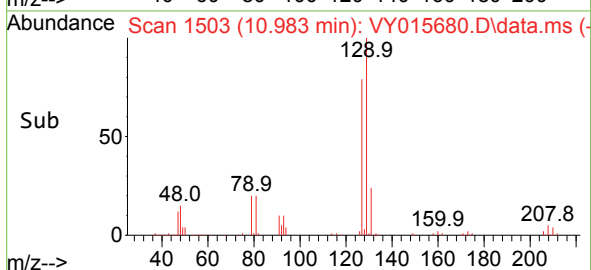
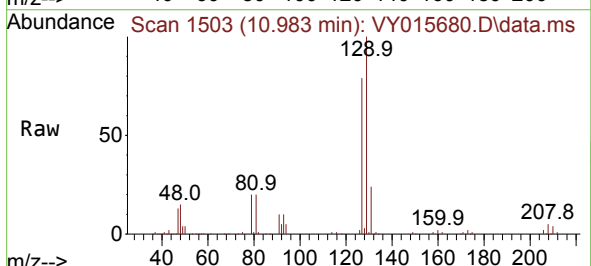
Instrument :
MSVOA_Y
ClientSampleId :

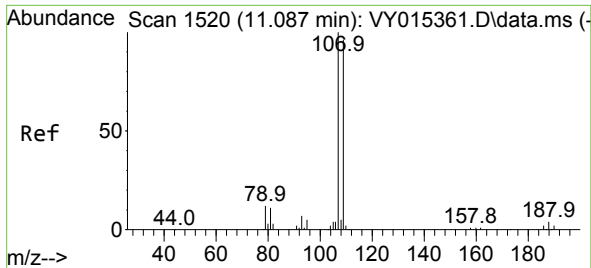
Tgt Ion: 43 Resp: 428303
Ion Ratio Lower Upper
43 100
58 56.2 25.1 75.3



#60
Dibromochloromethane
Concen: 49.181 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion: 129 Resp: 103886
Ion Ratio Lower Upper
129 100
127 78.9 38.5 115.5

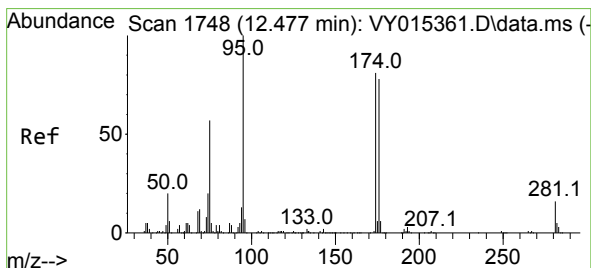
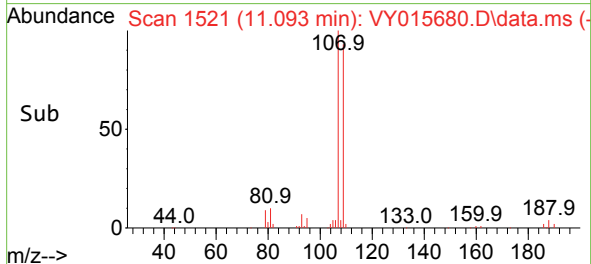
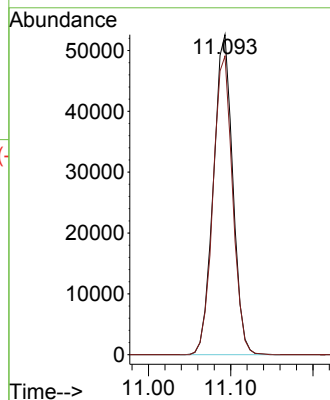
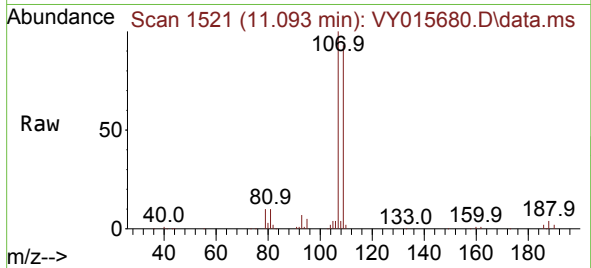




#61
1,2-Dibromoethane
Concen: 48.499 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

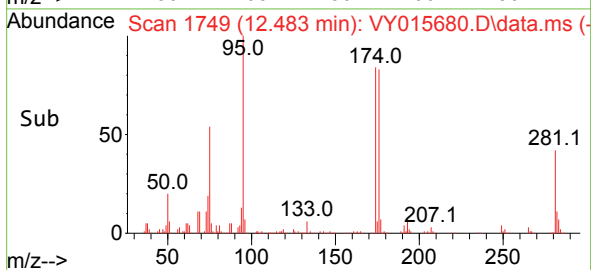
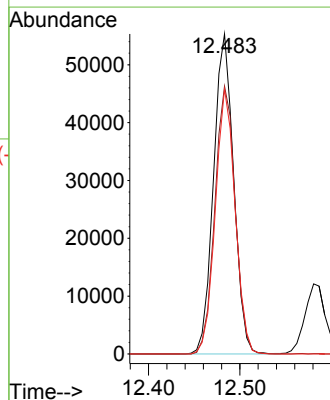
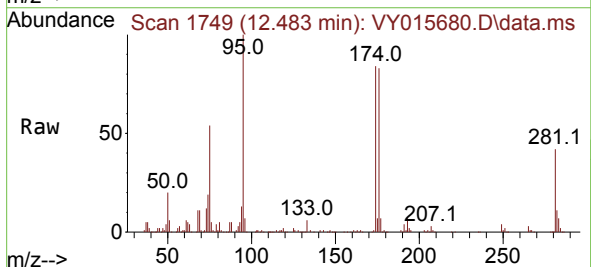
Instrument :
MSVOA_Y
ClientSampleId :

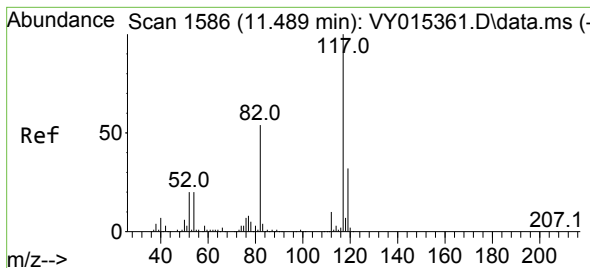
Tgt Ion:107 Resp: 85855
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 41.403 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion: 95 Resp: 84572
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

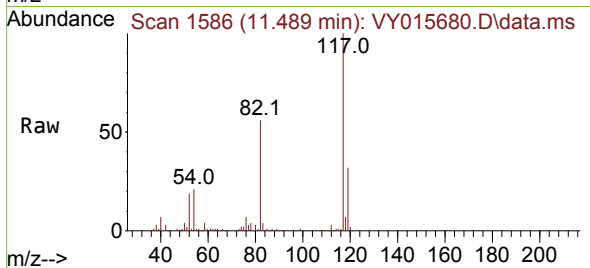
Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :



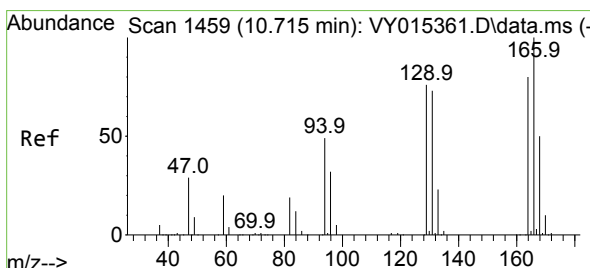
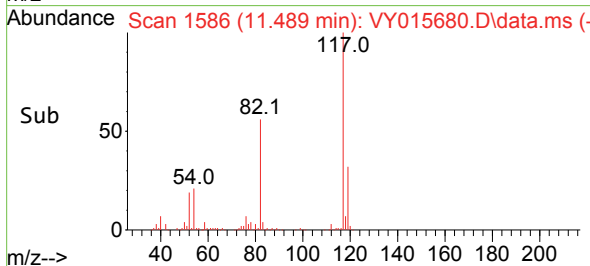
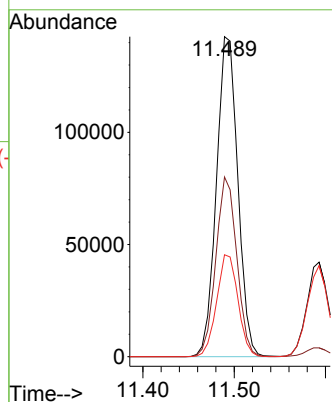
Tgt Ion:117 Resp: 232115

Ion Ratio Lower Upper

117 100

82 56.1 43.4 65.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 50.466 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Tgt Ion:164 Resp: 100502

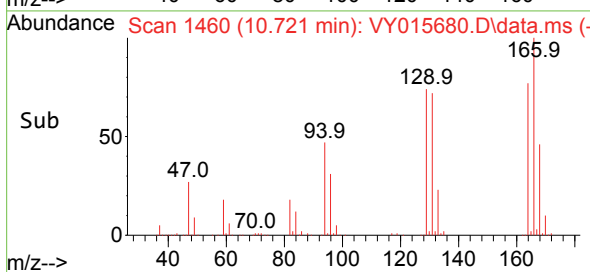
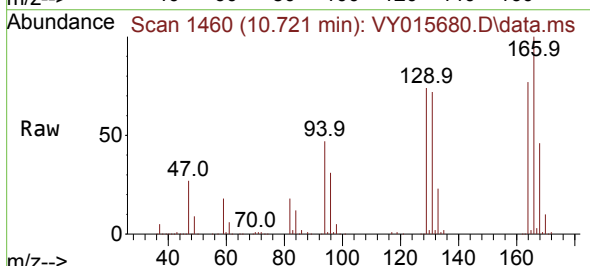
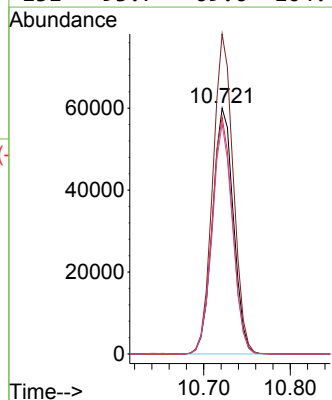
Ion Ratio Lower Upper

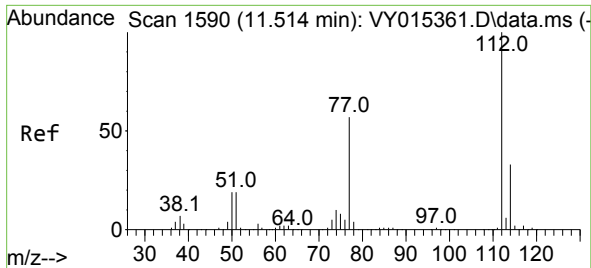
164 100

166 130.2 103.0 154.6

129 96.4 77.2 115.8

131 93.7 69.6 104.4

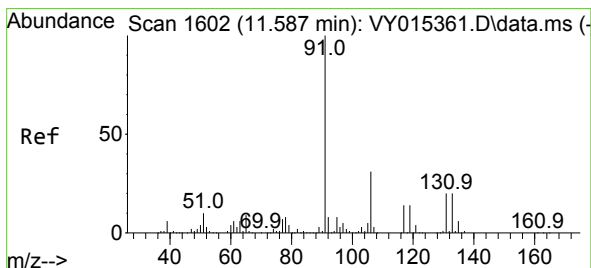
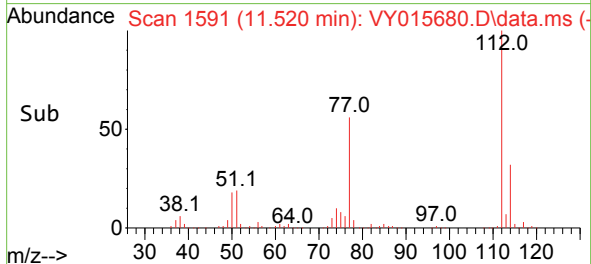
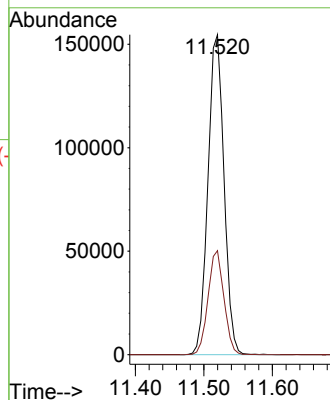
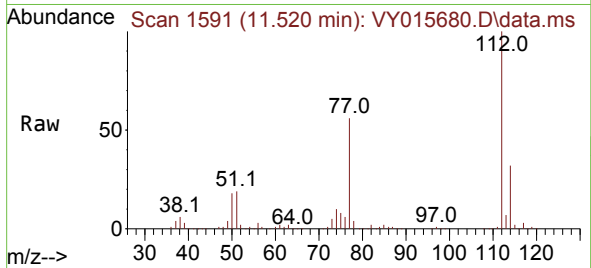




#65
Chlorobenzene
Concen: 49.698 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

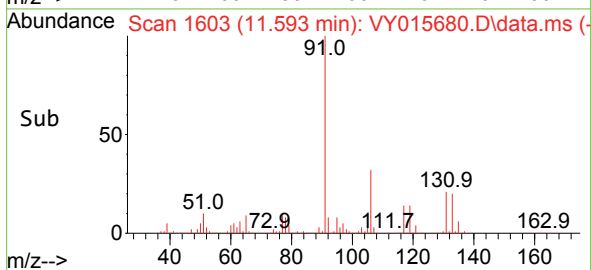
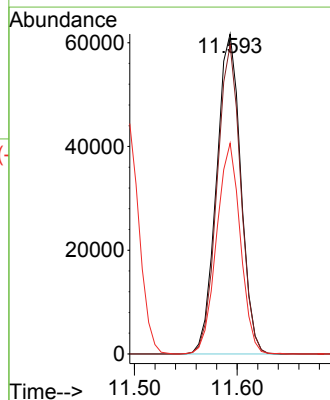
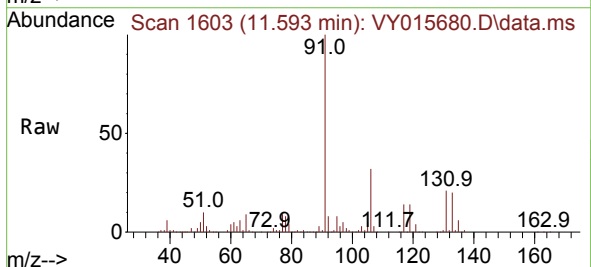
Instrument :
MSVOA_Y
ClientSampleId :

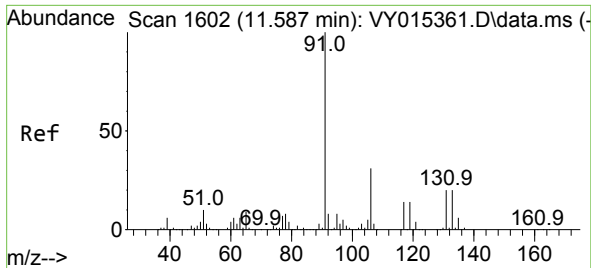
Tgt Ion:112 Resp: 251801
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.307 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion:131 Resp: 100976
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.6
119 64.6 31.6 94.7





#67

Ethyl Benzene

Concen: 50.876 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

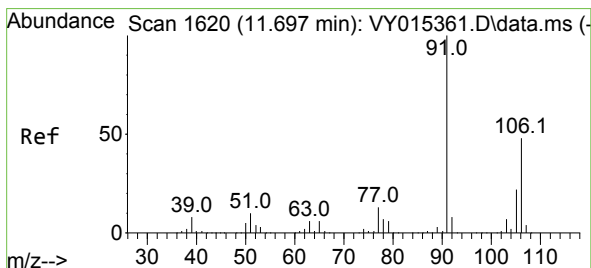
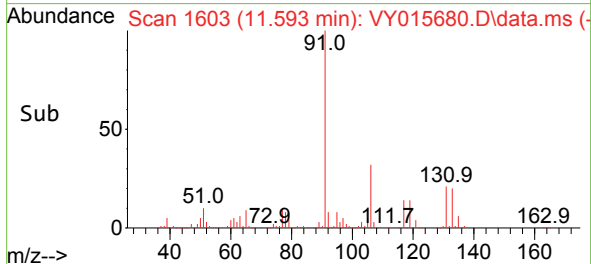
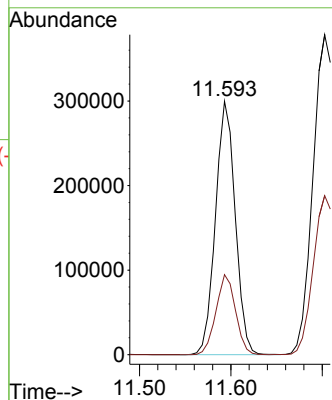
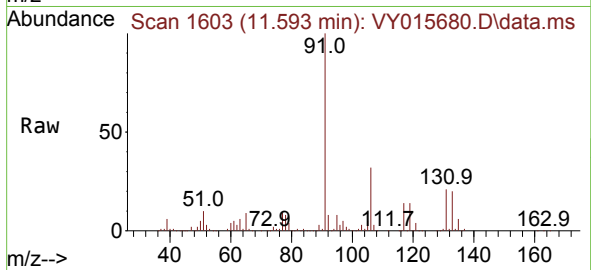
ClientSampleId :

Tgt Ion: 91 Resp: 450549

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 102.781 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015680.D

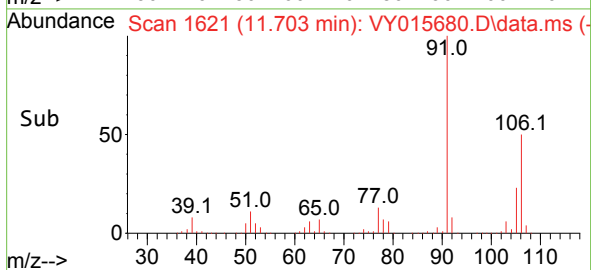
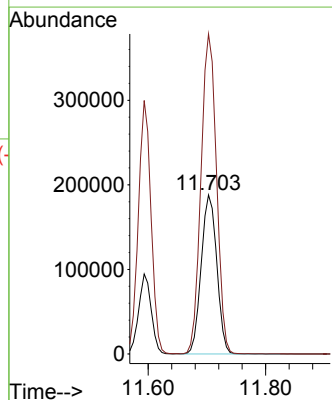
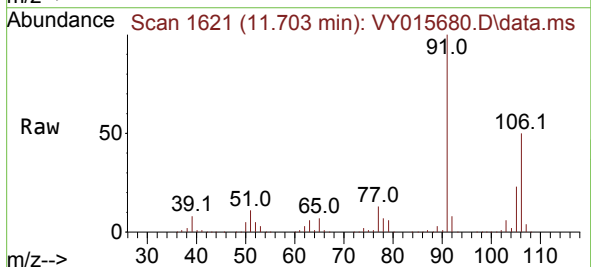
Acq: 22 Sep 2023 12:07

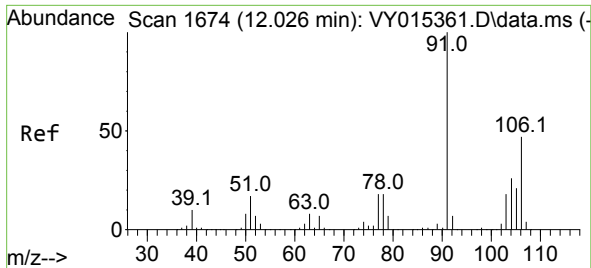
Tgt Ion:106 Resp: 345959

Ion Ratio Lower Upper

106 100

91 200.1 166.1 249.1

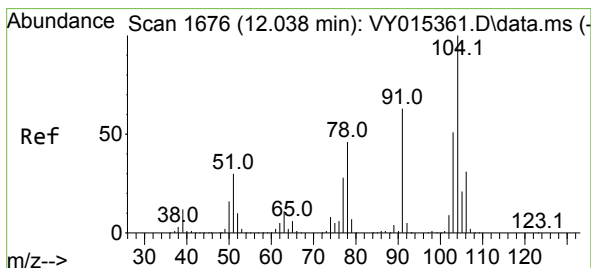
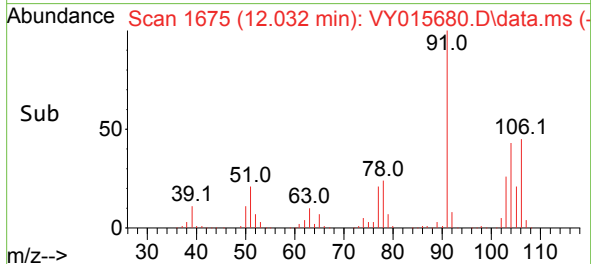
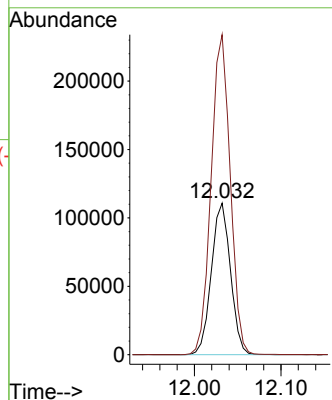
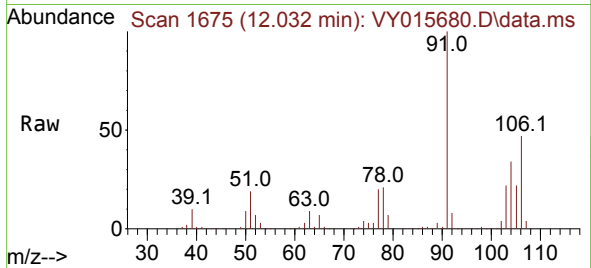




#69
o-Xylene
Concen: 51.412 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

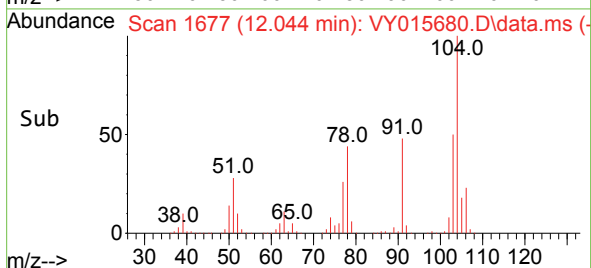
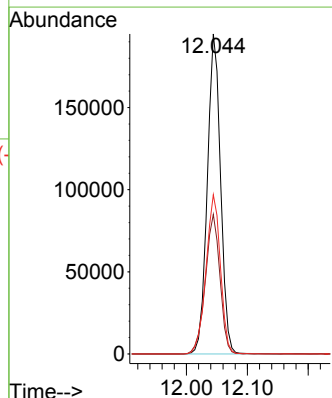
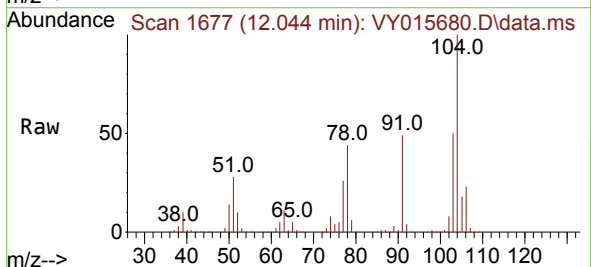
Instrument :
MSVOA_Y
ClientSampleId :

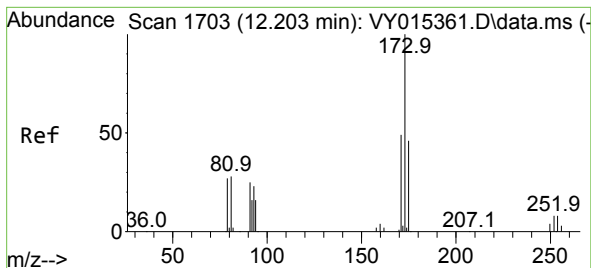
Tgt Ion:106 Resp: 169691
Ion Ratio Lower Upper
106 100
91 211.7 108.1 324.3



#70
Styrene
Concen: 52.180 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion:104 Resp: 294802
Ion Ratio Lower Upper
104 100
78 47.8 41.5 62.3
103 54.0 44.6 67.0





#71

Bromoform

Concen: 50.995 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015680.D

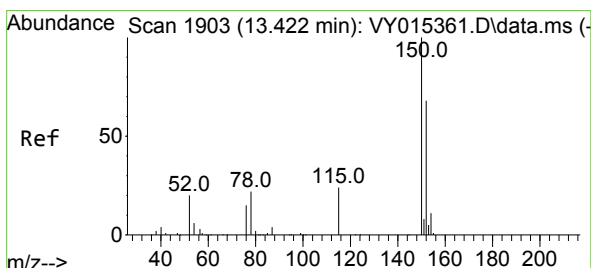
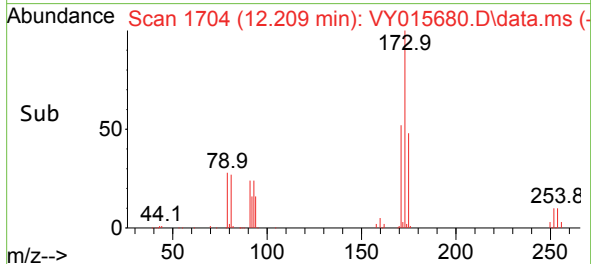
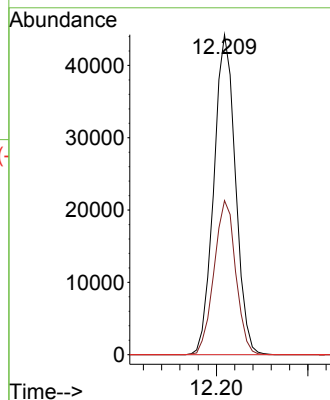
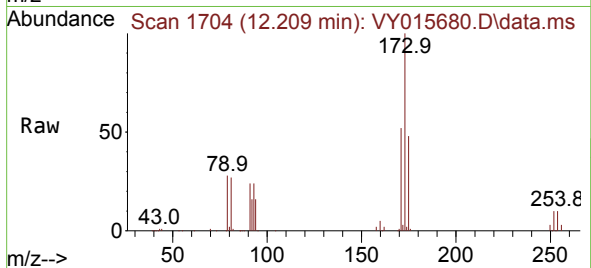
Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	72728
Ion Ratio	Lower	Upper
173	100	
175	48.3	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

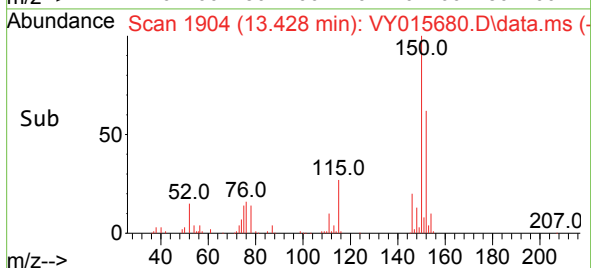
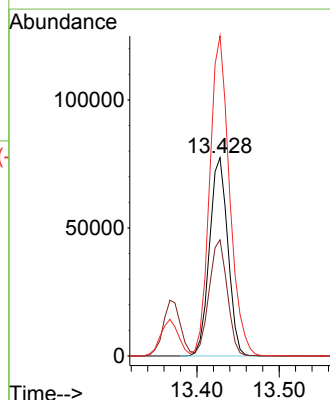
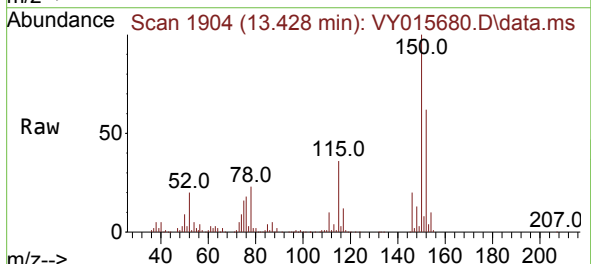
RT: 13.428 min Scan# 1904

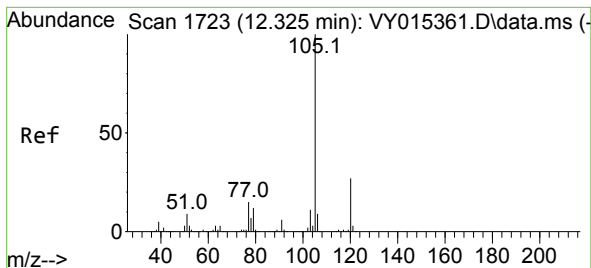
Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Tgt Ion:152	Resp:	119907
Ion Ratio	Lower	Upper
152	100	
115	58.0	28.8 86.5
150	174.4	0.0 348.8





#73

Isopropylbenzene

Concen: 50.463 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

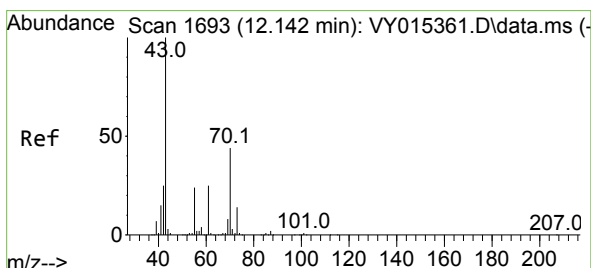
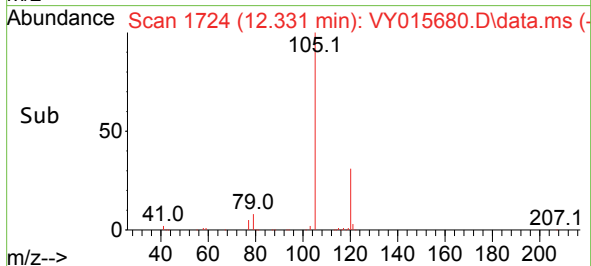
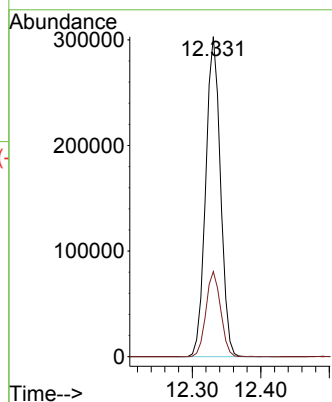
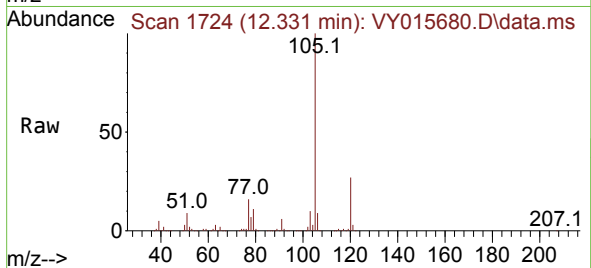
ClientSampleId :

Tgt Ion:105 Resp: 453920

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 48.358 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Tgt Ion: 43 Resp: 163488

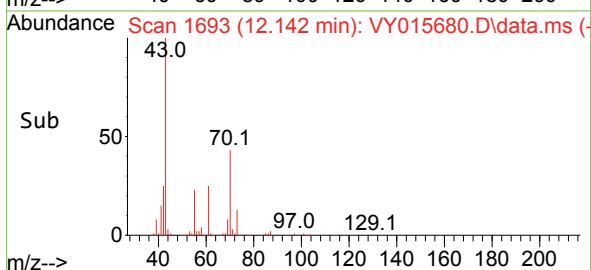
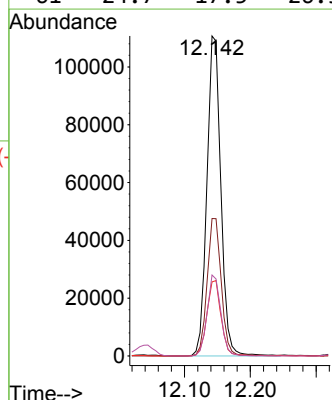
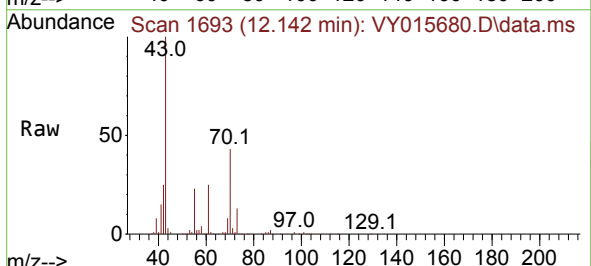
Ion Ratio Lower Upper

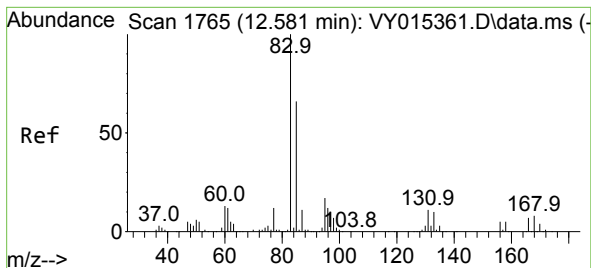
43 100

70 43.6 29.7 44.5

55 24.1 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.192 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

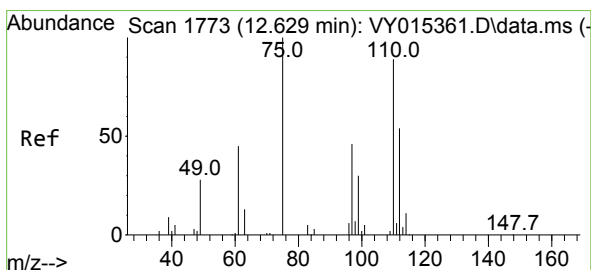
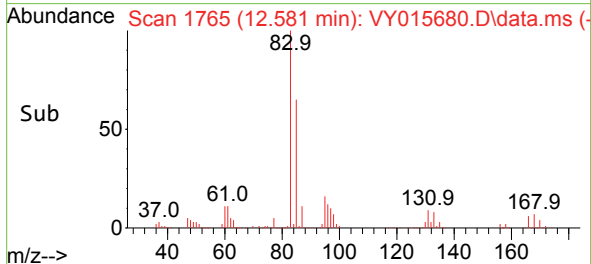
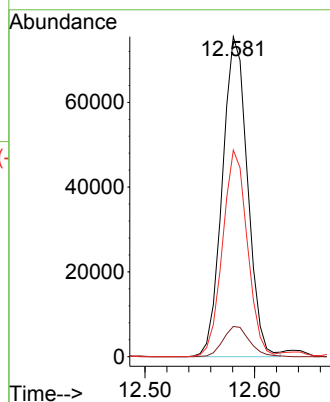
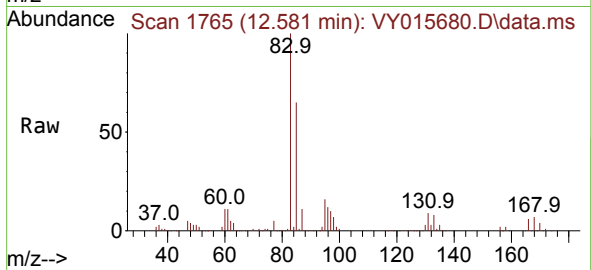
Tgt Ion: 83 Resp: 120645

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 63.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 82.341 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015680.D

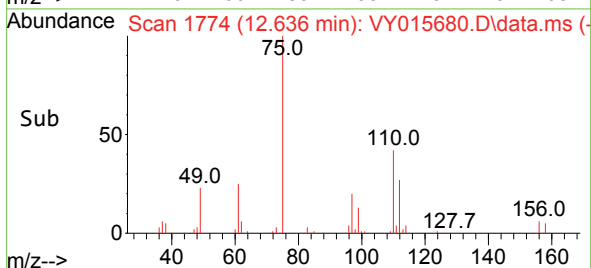
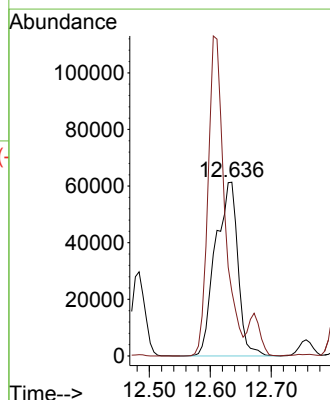
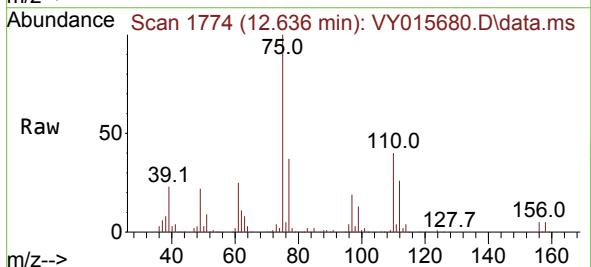
Acq: 22 Sep 2023 12:07

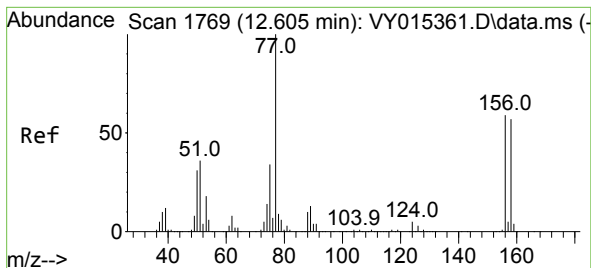
Tgt Ion: 75 Resp: 157512

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.663 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

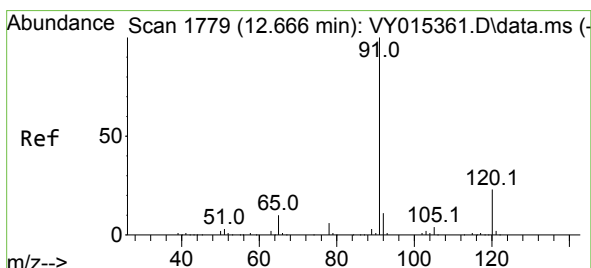
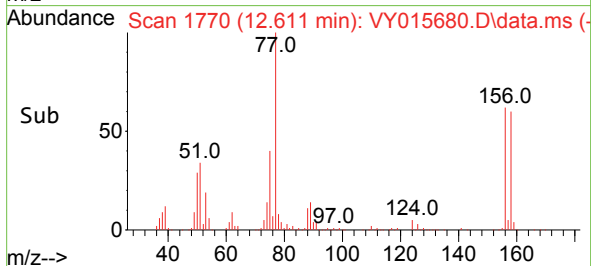
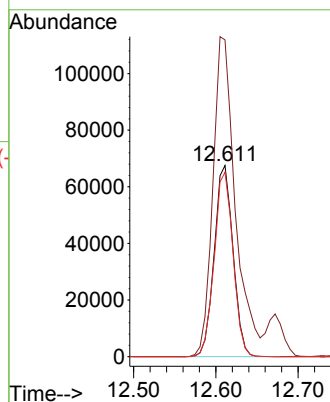
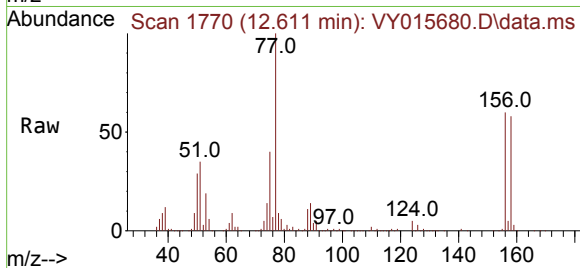
Tgt Ion:156 Resp: 107447

Ion Ratio Lower Upper

156 100

77 198.6 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 50.421 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015680.D

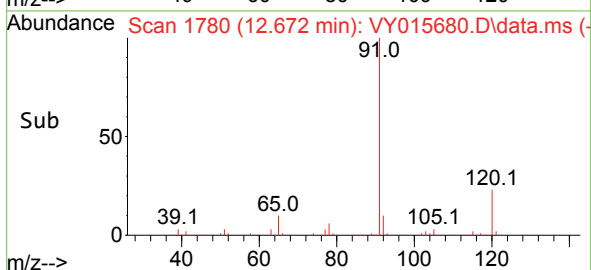
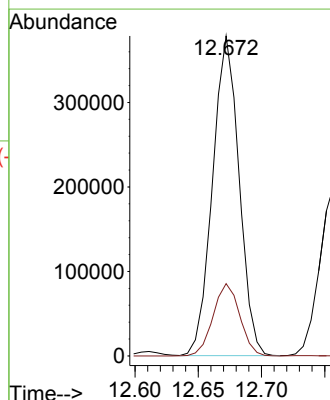
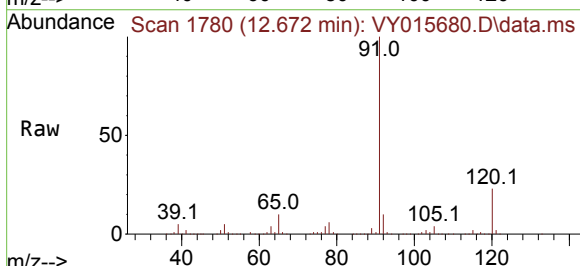
Acq: 22 Sep 2023 12:07

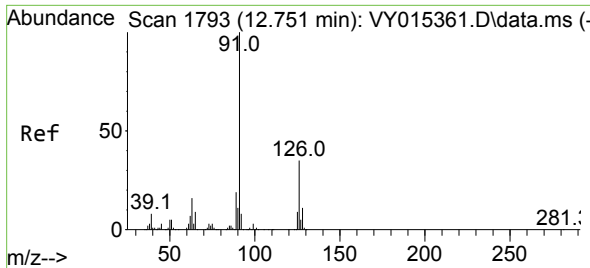
Tgt Ion: 91 Resp: 550985

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

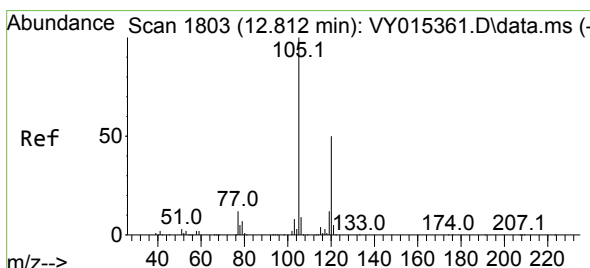
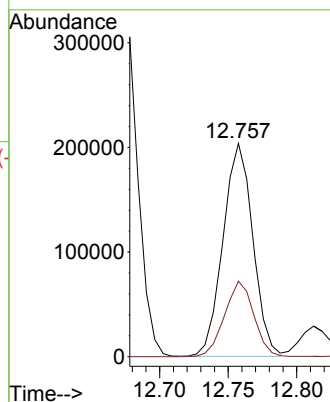
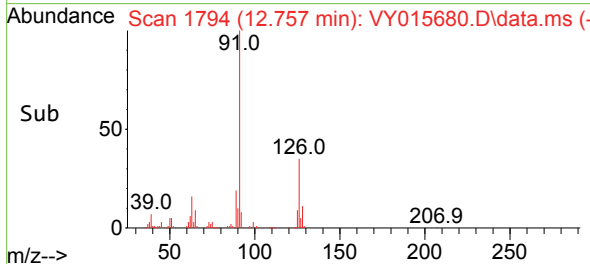
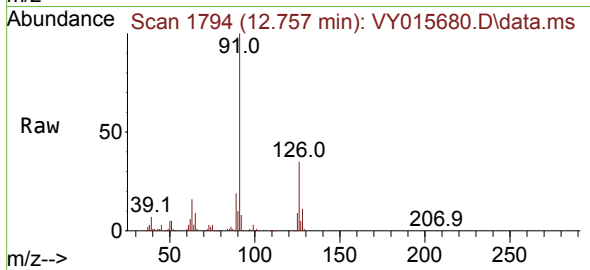




#79
2-Chlorotoluene
Concen: 49.479 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

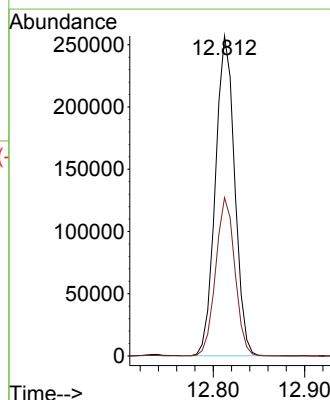
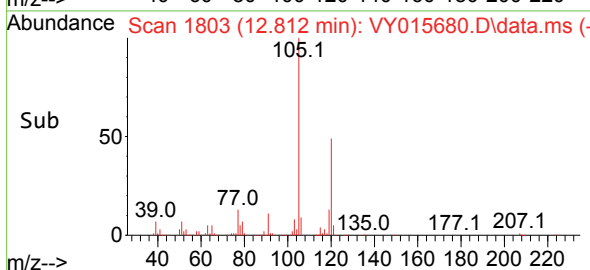
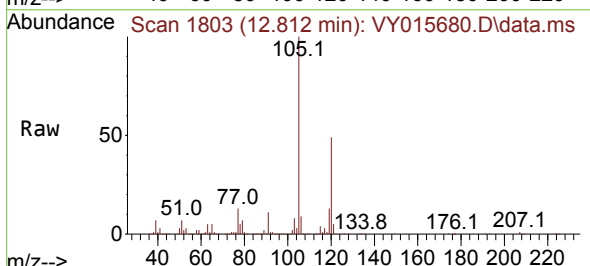
Instrument :
MSVOA_Y
ClientSampleId :

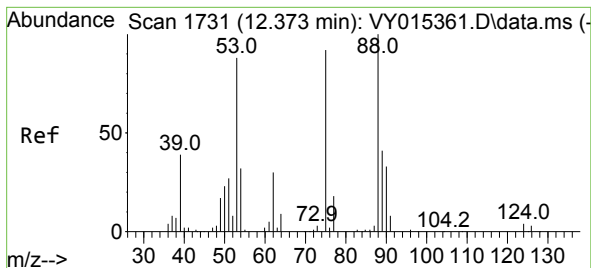
Tgt Ion: 91 Resp: 308207
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.050 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion:105 Resp: 376900
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

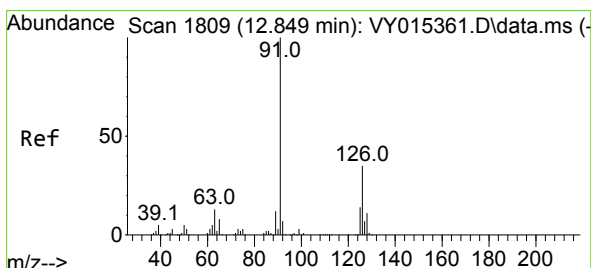
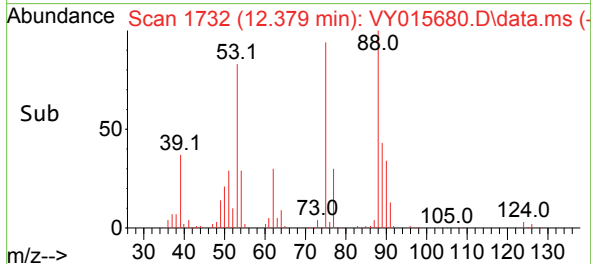
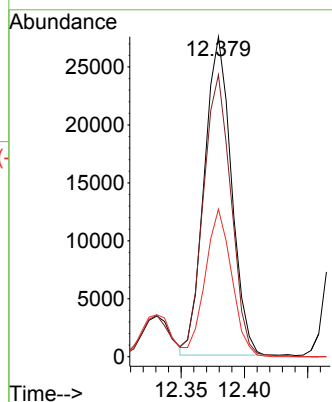
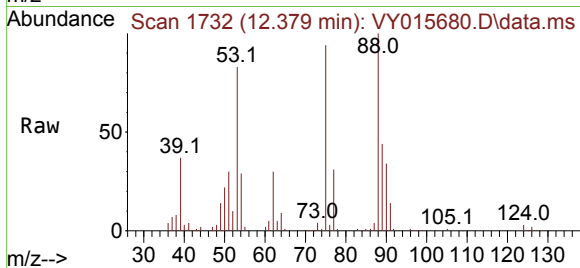




#81
trans-1,4-Dichloro-2-butene
Concen: 48.201 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

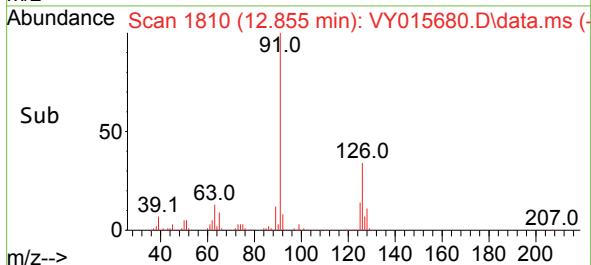
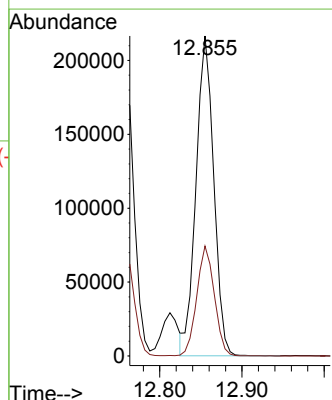
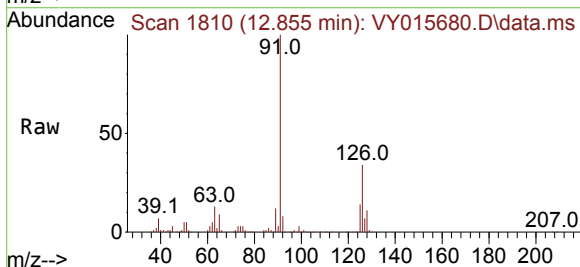
Instrument :
MSVOA_Y
ClientSampleId :

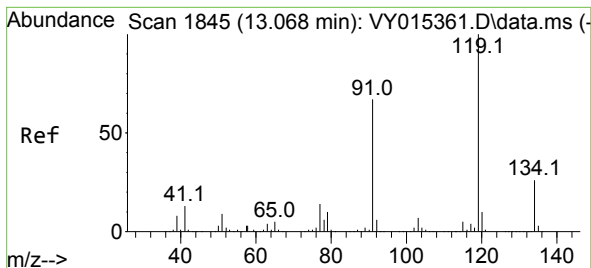
Tgt Ion: 75 Resp: 40945
Ion Ratio Lower Upper
75 100
53 90.7 77.8 116.8
89 45.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.770 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion: 91 Resp: 323639
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.947 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

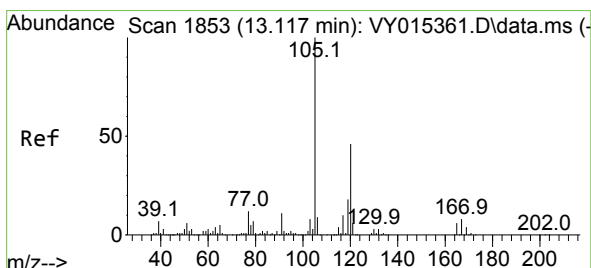
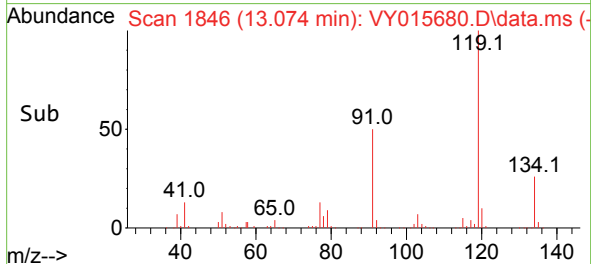
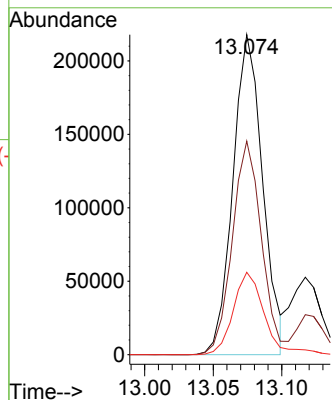
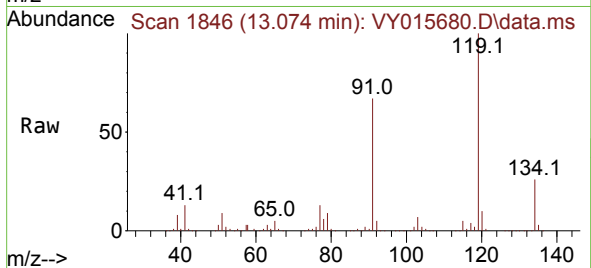
Tgt Ion:119 Resp: 329418

Ion Ratio Lower Upper

119 100

91 66.0 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.260 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015680.D

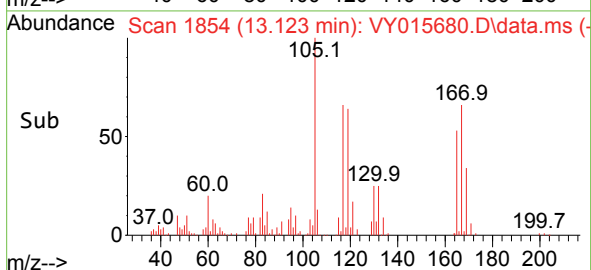
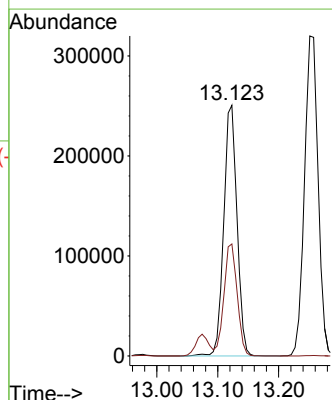
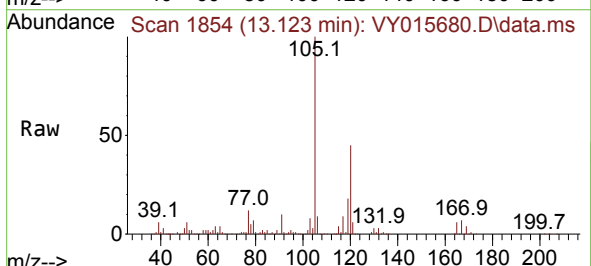
Acq: 22 Sep 2023 12:07

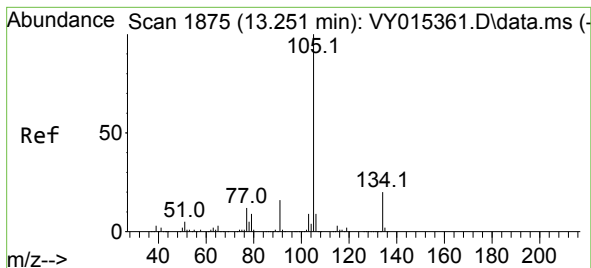
Tgt Ion:105 Resp: 378696

Ion Ratio Lower Upper

105 100

120 44.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.127 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

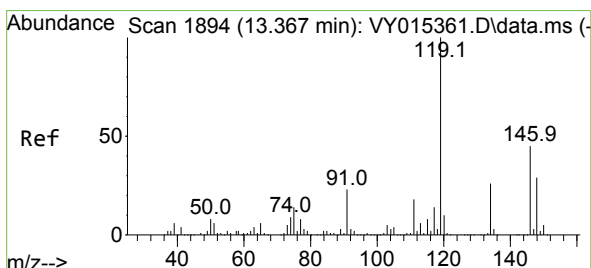
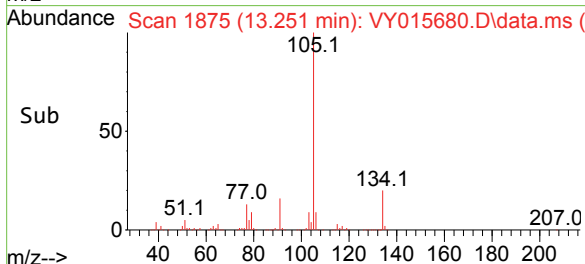
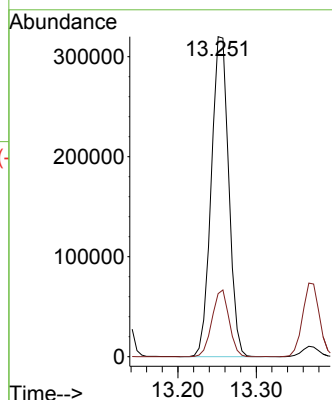
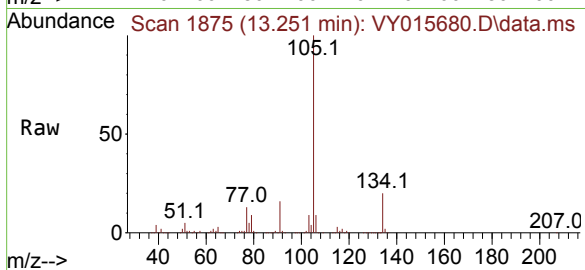
ClientSampleId :

Tgt Ion:105 Resp: 494764

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.316 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

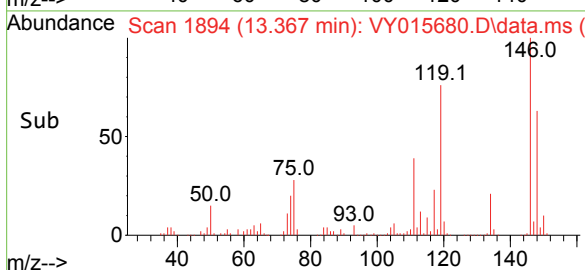
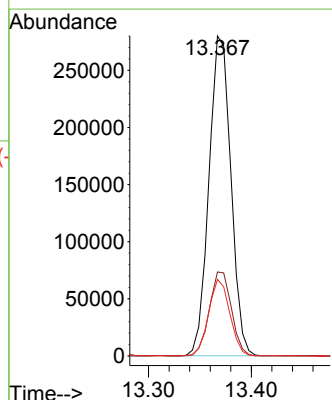
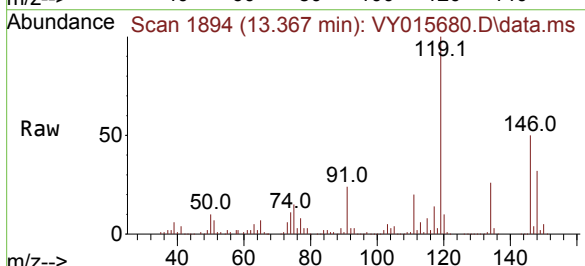
Tgt Ion:119 Resp: 414844

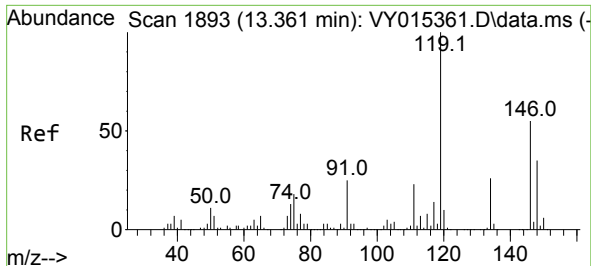
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.790 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

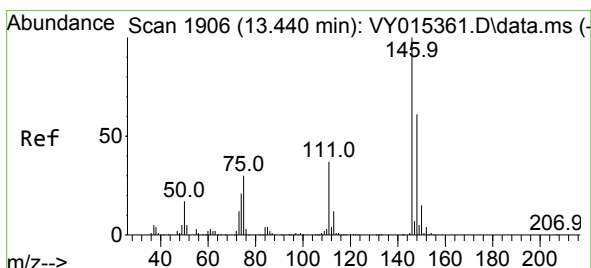
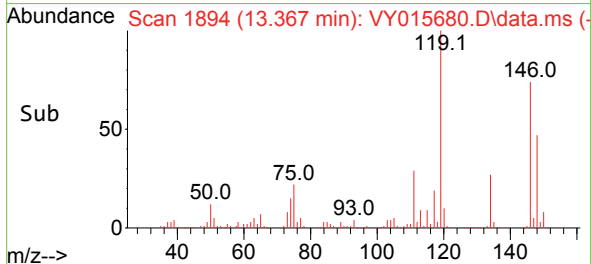
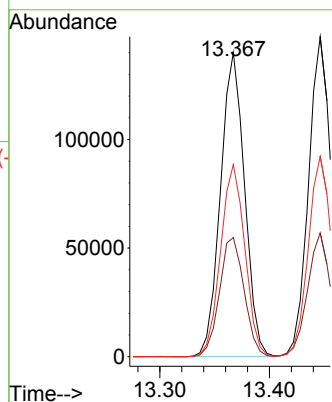
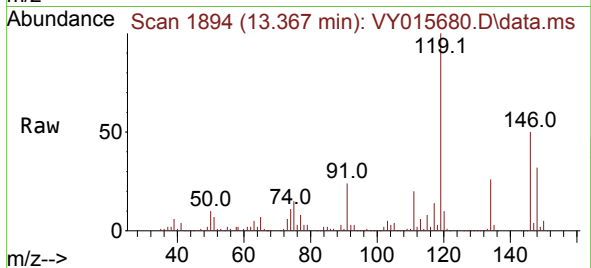
Tgt Ion:146 Resp: 213718

Ion Ratio Lower Upper

146 100

111 40.2 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.104 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

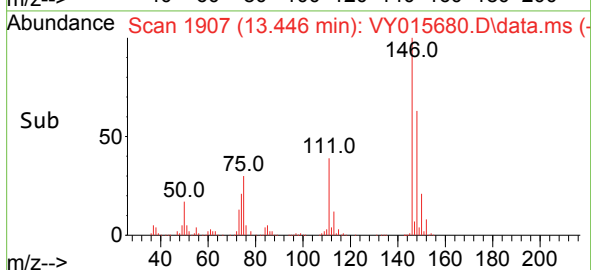
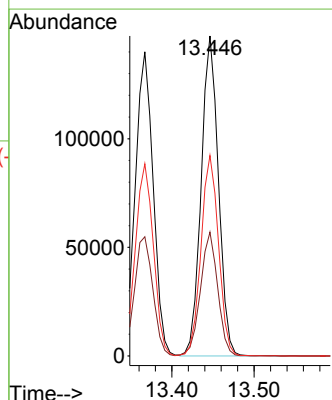
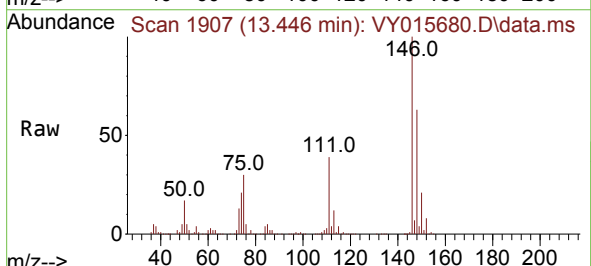
Tgt Ion:146 Resp: 215125

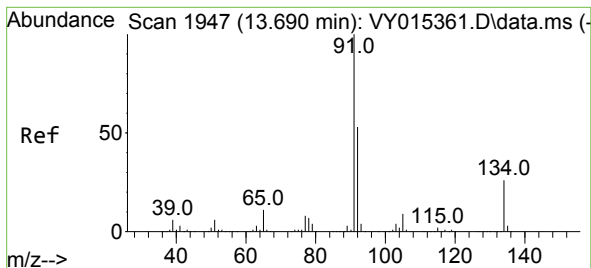
Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.7

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 50.391 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015680.D

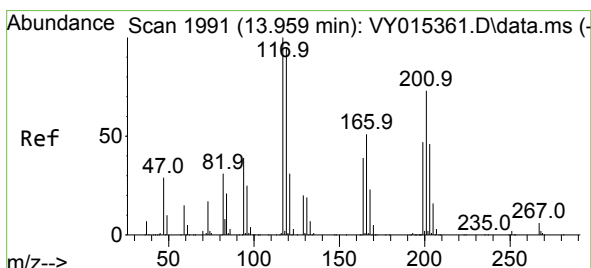
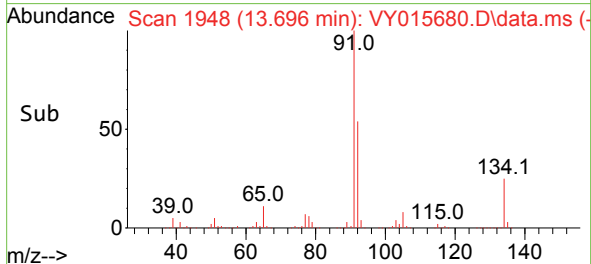
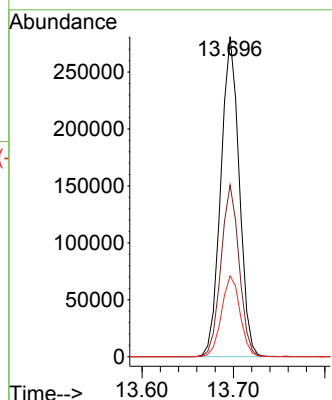
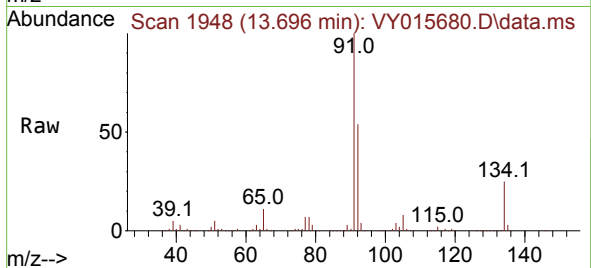
Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	393410
Ion	Ratio	Lower	Upper
91	100		
92	52.8	25.4	76.0
134	25.4	12.6	37.6



#90

Hexachloroethane

Concen: 50.517 ug/l

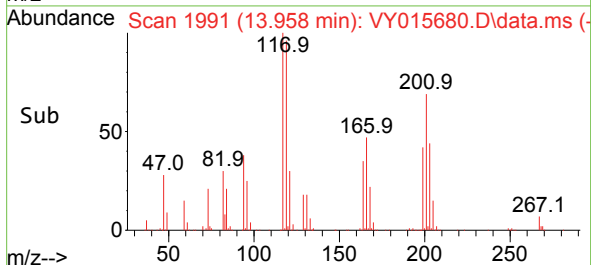
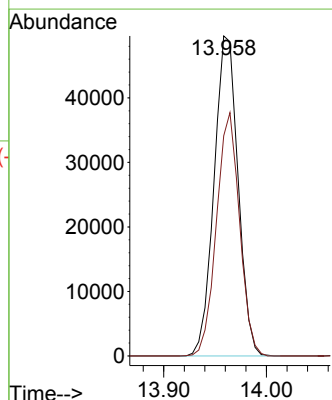
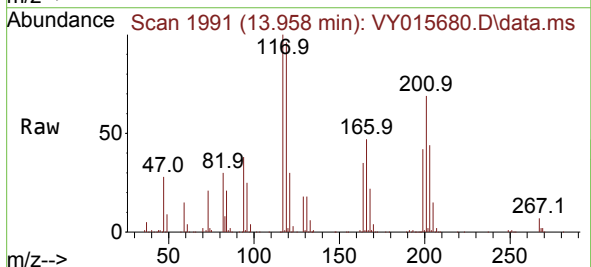
RT: 13.958 min Scan# 1991

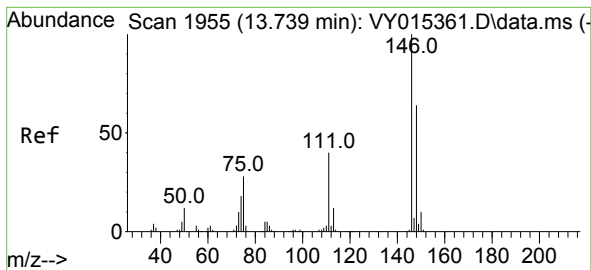
Delta R.T. -0.001 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Tgt Ion:	117	Resp:	80384
Ion	Ratio	Lower	Upper
117	100		
201	73.1	41.6	124.8

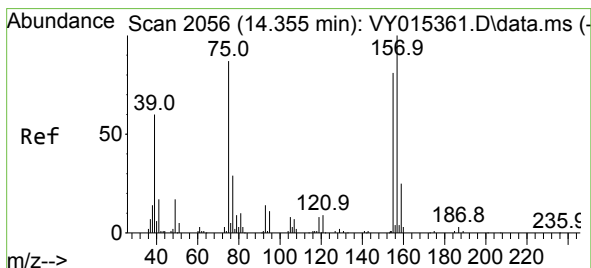
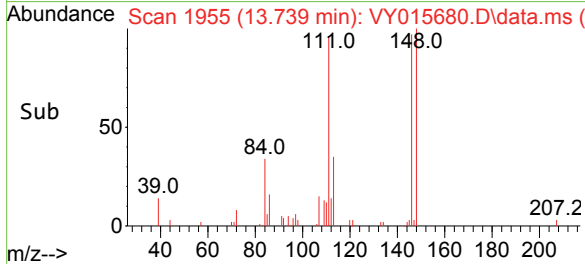
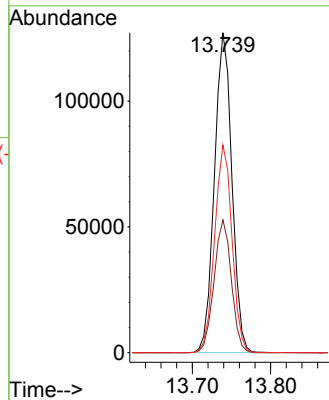
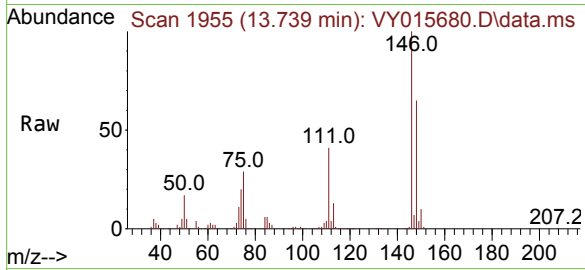




#91
1,2-Dichlorobenzene
Concen: 48.769 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

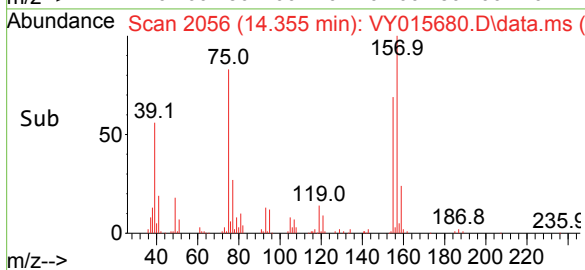
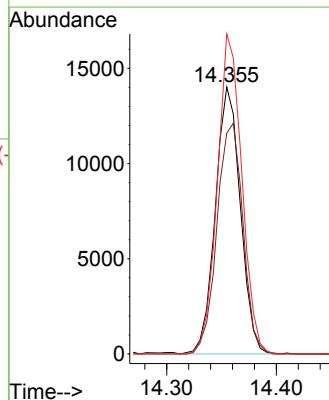
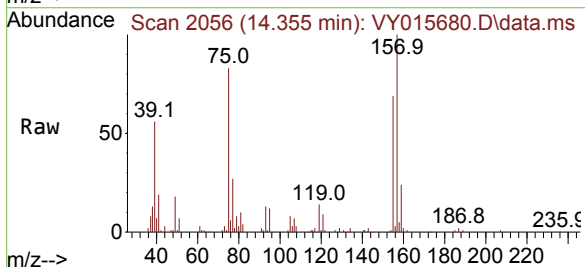
Instrument :
MSVOA_Y
ClientSampleId :

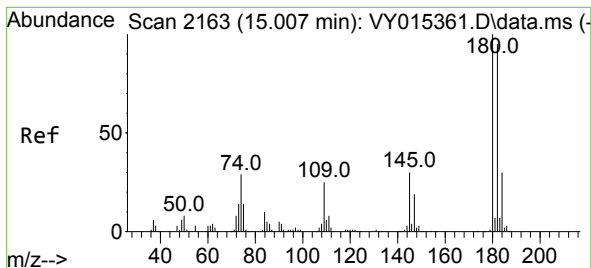
Tgt Ion:146 Resp: 197202
Ion Ratio Lower Upper
146 100
111 41.0 19.7 59.0
148 64.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.602 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015680.D
Acq: 22 Sep 2023 12:07

Tgt Ion: 75 Resp: 22176
Ion Ratio Lower Upper
75 100
155 89.8 41.5 124.6
157 117.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.829 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

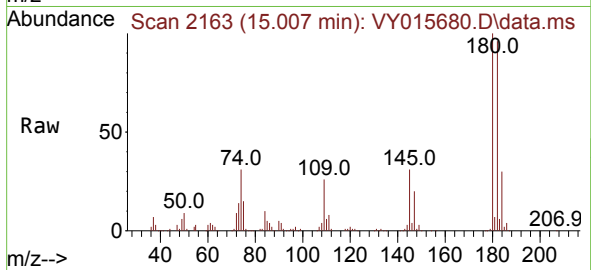
Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :



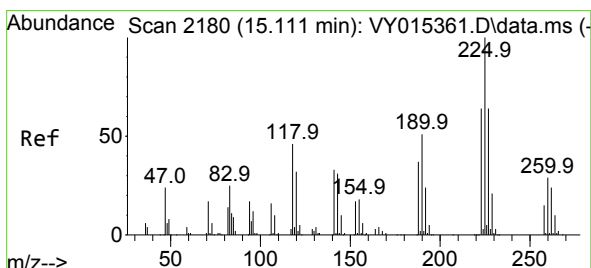
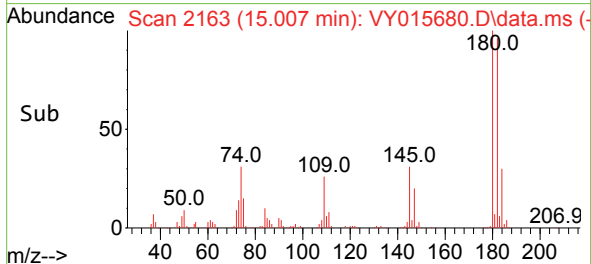
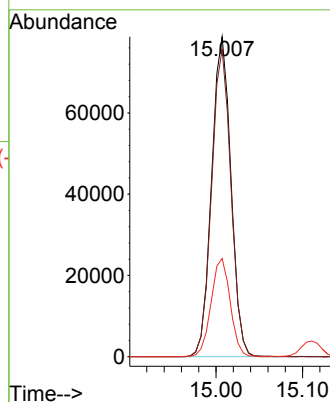
Tgt Ion:180 Resp: 121755

Ion Ratio Lower Upper

180 100

182 96.3 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.263 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

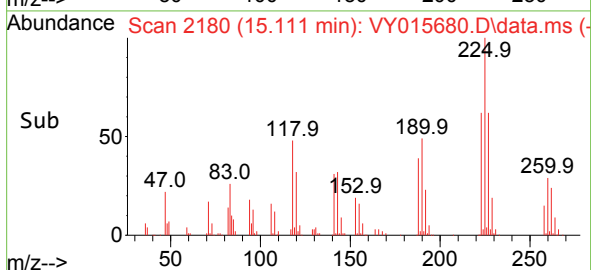
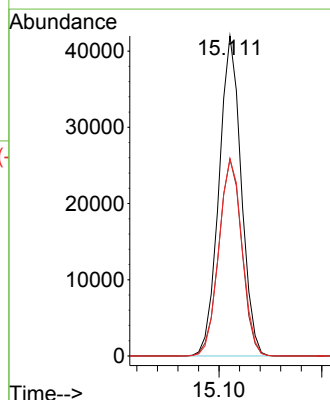
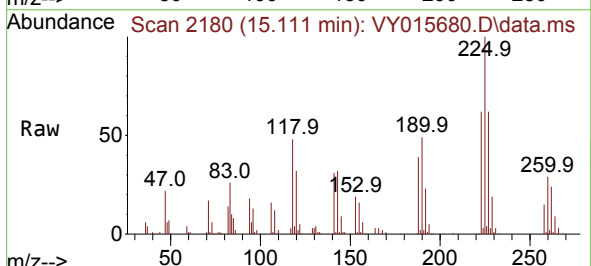
Tgt Ion:225 Resp: 62918

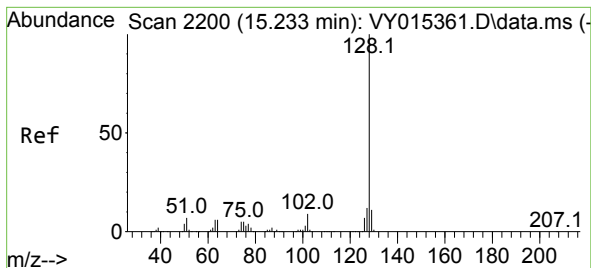
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.9

227 64.2 33.0 98.9





#95

Naphthalene

Concen: 47.493 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

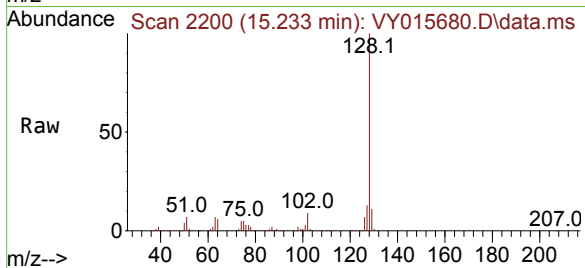
Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :



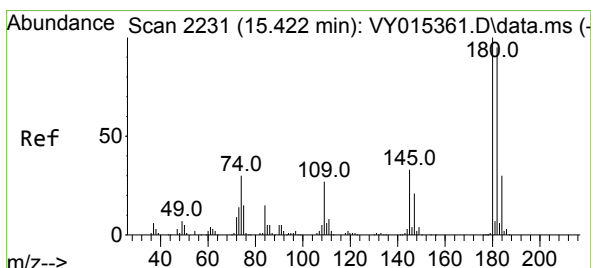
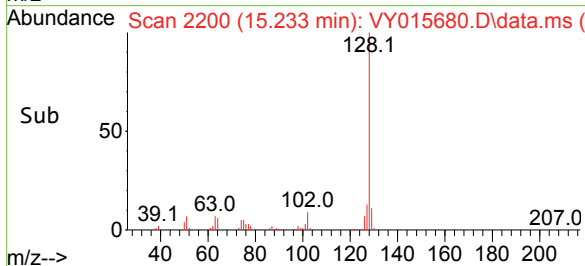
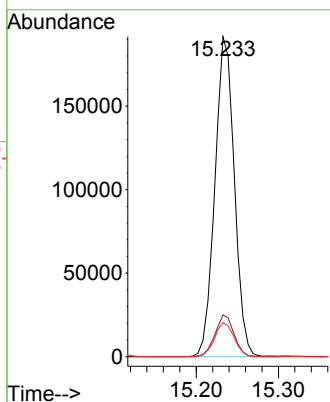
Tgt Ion:128 Resp: 315248

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.705 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015680.D

Acq: 22 Sep 2023 12:07

Tgt Ion:180 Resp: 112088

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 32.6 15.4 46.2

