

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015682.D
 Acq On : 22 Sep 2023 13:32
 Operator : SY/MD
 Sample : VY0922SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 22:54:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	134019	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	228200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70920	48.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.180%
35) Dibromofluoromethane	7.722	113	67883	49.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.400%
50) Toluene-d8	10.179	98	218513	47.184	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.483	95	85694	47.152	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18266	20.677	ug/l	96
3) Chloromethane	2.113	50	23313	20.918	ug/l	98
4) Vinyl Chloride	2.253	62	27064	21.239	ug/l	100
5) Bromomethane	2.637	94	22191	20.122	ug/l	98
6) Chloroethane	2.783	64	20847	22.072	ug/l	96
7) Trichlorofluoromethane	3.119	101	48035	22.478	ug/l	100
8) Diethyl Ether	3.533	74	20212	22.179	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	30410	22.727	ug/l	92
10) Methyl Iodide	4.088	142	25887	18.283	ug/l	98
11) Tert butyl alcohol	4.978	59	45602	130.788	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	24456	20.742	ug/l	88
13) Acrolein	3.728	56	18370	81.345	ug/l	98
14) Allyl chloride	4.478	41	46312	21.483	ug/l	94
15) Acrylonitrile	5.173	53	70677	105.720	ug/l	100
16) Acetone	3.960	43	83682	106.043	ug/l	92
17) Carbon Disulfide	4.192	76	43795	19.120	ug/l	97
18) Methyl Acetate	4.484	43	57792	21.827	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	105898	22.052	ug/l	98
20) Methylene Chloride	4.722	84	55308	30.074	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	29211	21.675	ug/l	98
22) Diisopropyl ether	6.124	45	117940	22.733	ug/l	93
23) Vinyl Acetate	6.063	43	338396	105.676	ug/l	96
24) 1,1-Dichloroethane	6.021	63	63531	22.467	ug/l	95
25) 2-Butanone	6.990	43	119428	107.071	ug/l	99
26) 2,2-Dichloropropane	6.984	77	53194	20.581	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	40595	22.690	ug/l	94
28) Bromochloromethane	7.338	49	14064	18.332	ug/l	96
29) Tetrahydrofuran	7.356	42	66097	104.843	ug/l	95
30) Chloroform	7.508	83	69456	22.936	ug/l	97
31) Cyclohexane	7.789	56	42693	20.900	ug/l	89
32) 1,1,1-Trichloroethane	7.703	97	56139	22.456	ug/l	99
36) 1,1-Dichloropropene	7.923	75	44094	21.834	ug/l	98
37) Ethyl Acetate	7.081	43	41387	20.546	ug/l	95
38) Carbon Tetrachloride	7.905	117	48859	22.288	ug/l	99
39) Methylcyclohexane	9.185	83	45446	20.346	ug/l	95
40) Benzene	8.161	78	135936	22.072	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	58132	53.596	ug/l #	29
42) 1,2-Dichloroethane	8.240	62	46930	22.250	ug/l	94
43) Isopropyl Acetate	8.276	43	73664	21.408	ug/l	99
44) Trichloroethene	8.941	130	38515	22.391	ug/l	98
45) 1,2-Dichloropropane	9.215	63	38909	22.655	ug/l	99
46) Dibromomethane	9.313	93	24211	22.038	ug/l	95
47) Bromodichloromethane	9.502	83	54139	22.109	ug/l	98
48) Methyl methacrylate	9.295	41	32073	21.235	ug/l	91
49) 1,4-Dioxane	9.307	88	8611	396.748	ug/l #	41
51) 4-Methyl-2-Pentanone	10.075	43	228664	107.215	ug/l	95
52) Toluene	10.246	92	88208	22.216	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	56309	21.443	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	62026	21.943	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	35126	21.818	ug/l	97
56) Ethyl methacrylate	10.514	69	50090	21.112	ug/l	90
57) 1,3-Dichloropropane	10.794	76	59596	22.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	78735	104.472	ug/l	96
59) 2-Hexanone	10.831	43	173998	106.337	ug/l	92
60) Dibromochloromethane	10.983	129	41694	22.185	ug/l	98
61) 1,2-Dibromoethane	11.087	107	34317	21.788	ug/l	98
64) Tetrachloroethene	10.721	164	42855	23.701	ug/l	95
65) Chlorobenzene	11.514	112	101365	22.035	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	40035	22.405	ug/l	98
67) Ethyl Benzene	11.593	91	176932	22.005	ug/l	99
68) m/p-Xylenes	11.703	106	134157	43.898	ug/l	97
69) o-Xylene	12.026	106	66615	22.229	ug/l	96
70) Styrene	12.044	104	114965	22.412	ug/l	97
71) Bromoform	12.209	173	28463	21.981	ug/l #	98
73) Isopropylbenzene	12.331	105	175595	21.932	ug/l	100
74) N-amyl acetate	12.142	43	63248	21.019	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	47558	21.343	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	61854	36.328	ug/l #	100
77) Bromobenzene	12.605	156	42434	21.592	ug/l	93
78) n-propylbenzene	12.672	91	213190	21.918	ug/l	100
79) 2-Chlorotoluene	12.757	91	122544	22.103	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	147070	21.942	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	15428	20.405	ug/l	98
82) 4-Chlorotoluene	12.855	91	129182	22.319	ug/l	99
83) tert-Butylbenzene	13.074	119	131453	22.393	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	149256	22.256	ug/l	98
85) sec-Butylbenzene	13.251	105	196243	22.338	ug/l	99
86) p-Isopropyltoluene	13.367	119	162806	22.185	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	86388	22.157	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	87811	22.519	ug/l	99
89) n-Butylbenzene	13.696	91	152815	21.991	ug/l	98
90) Hexachloroethane	13.958	117	31144	21.990	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	80441	22.350	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9295	21.004	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	47341	20.894	ug/l	97
94) Hexachlorobutadiene	15.111	225	25492	21.970	ug/l	98
95) Naphthalene	15.232	128	120956	20.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	44105	21.090	ug/l	98

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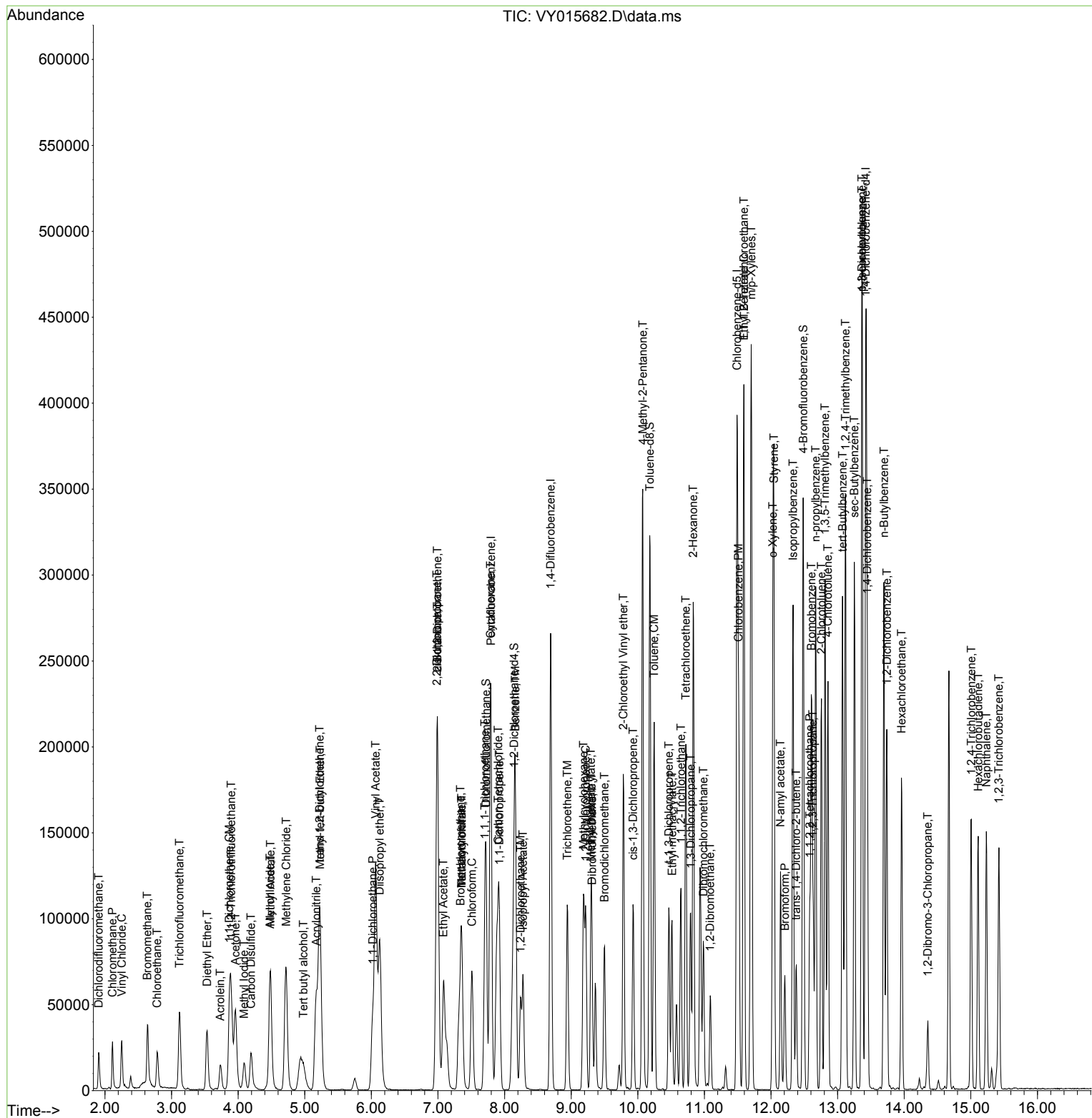
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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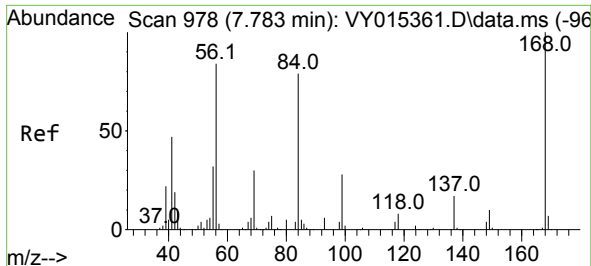
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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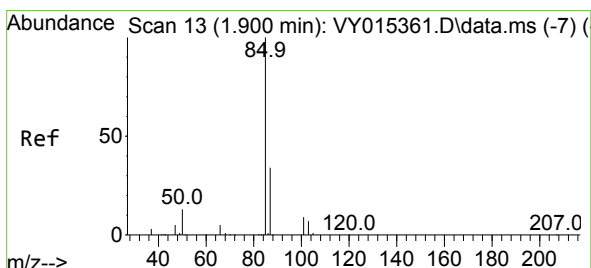
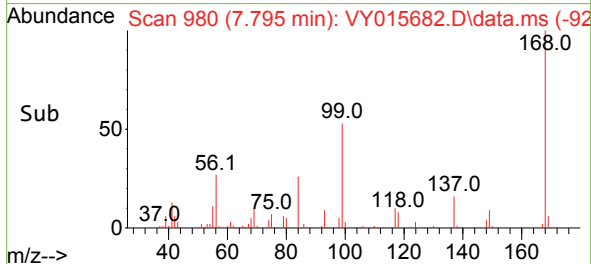
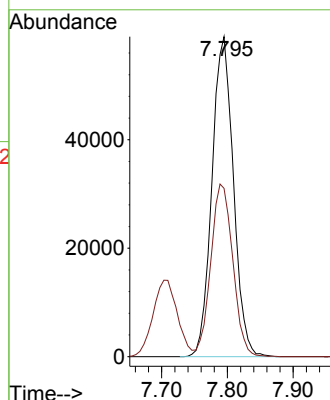
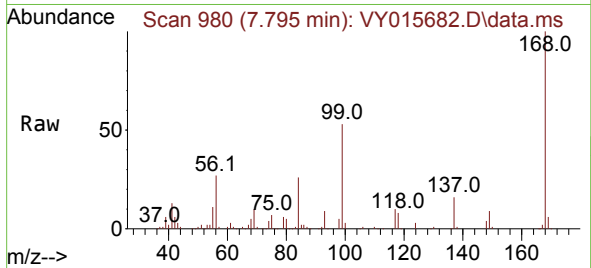




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015682.D
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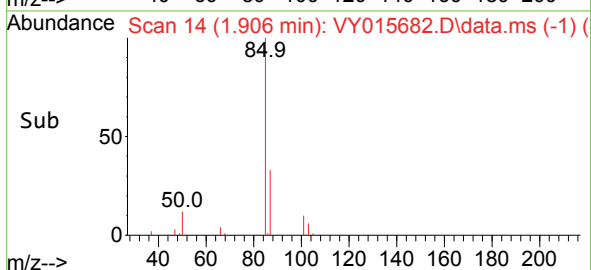
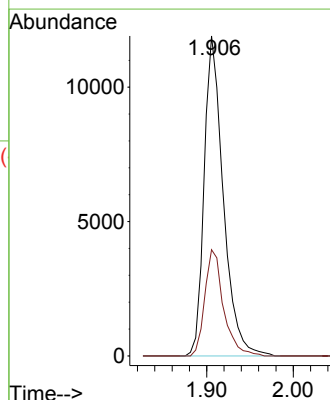
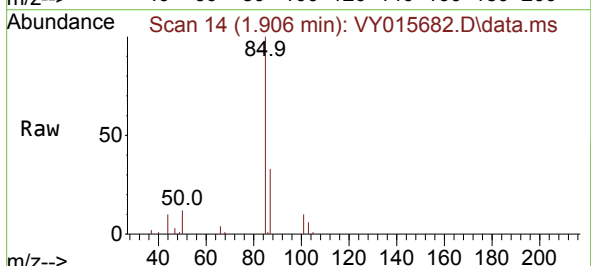
Instrument :
MSVOA_Y
ClientSampleId :

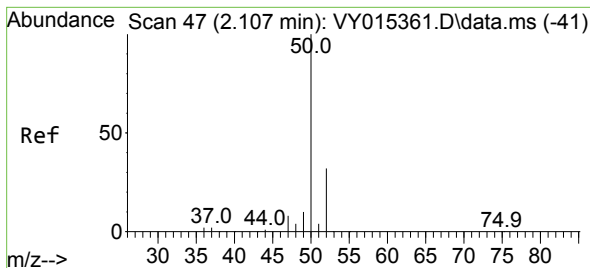
Tgt Ion:168 Resp: 134019
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.677 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 85 Resp: 18266
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8





#3

Chloromethane

Concen: 20.918 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

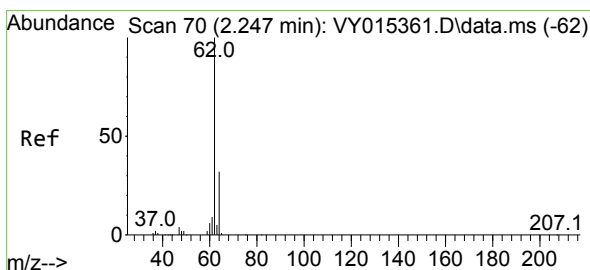
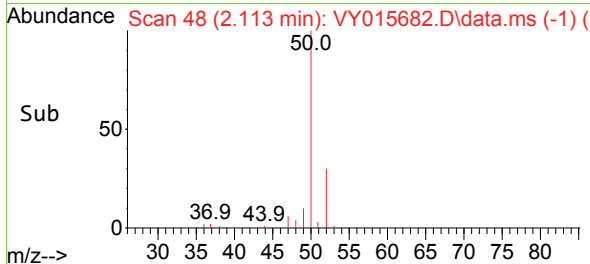
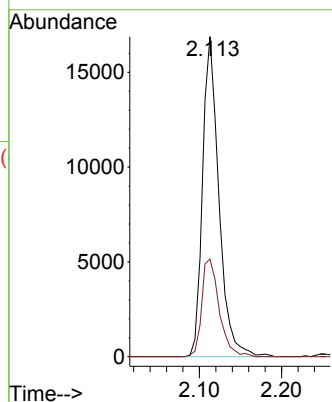
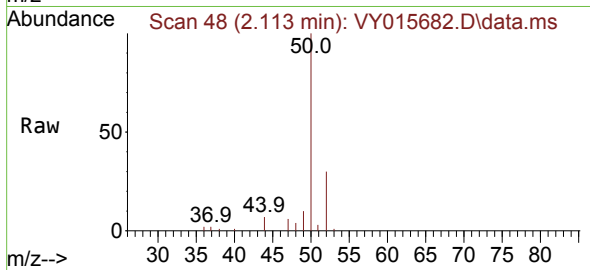
ClientSampleId :

Tgt Ion: 50 Resp: 23313

Ion Ratio Lower Upper

50 100

52 30.5 25.4 38.2



#4

Vinyl Chloride

Concen: 21.239 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015682.D

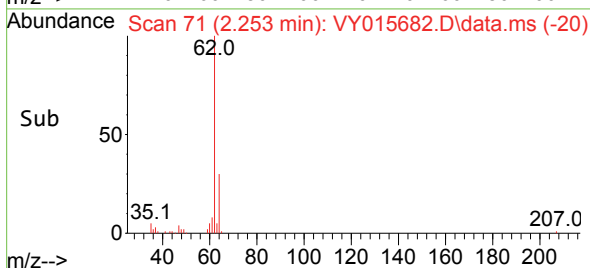
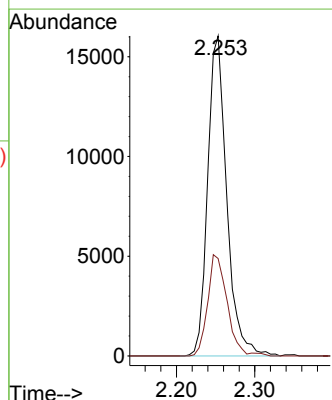
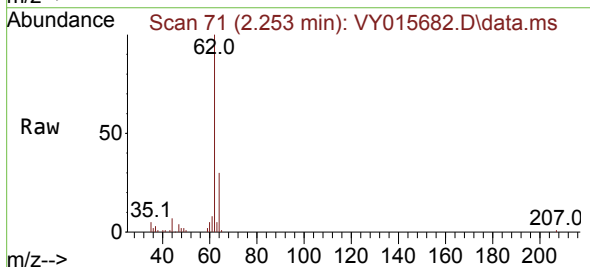
Acq: 22 Sep 2023 13:32

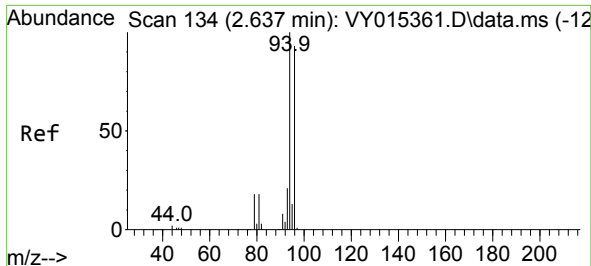
Tgt Ion: 62 Resp: 27064

Ion Ratio Lower Upper

62 100

64 30.4 24.3 36.5

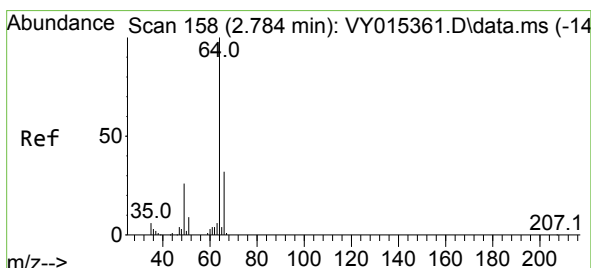
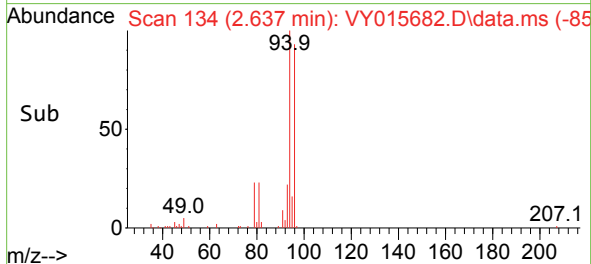
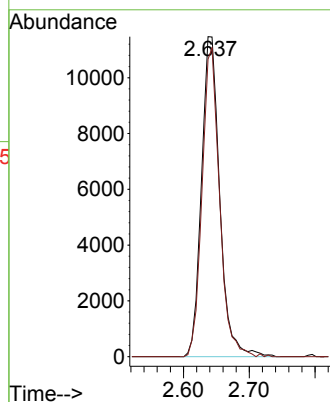
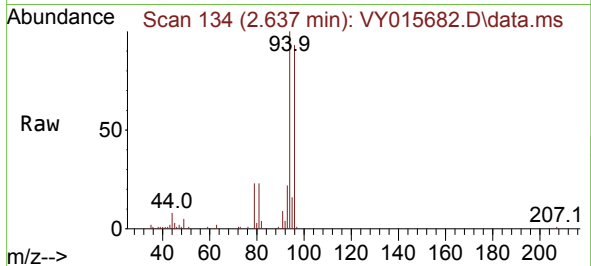




#5
Bromomethane
Concen: 20.122 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

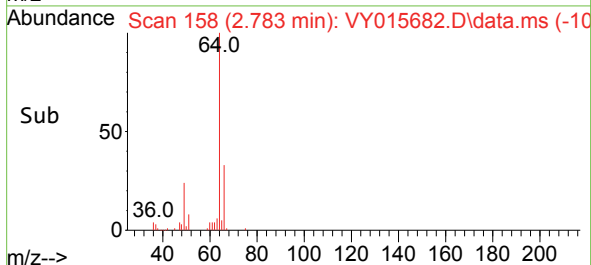
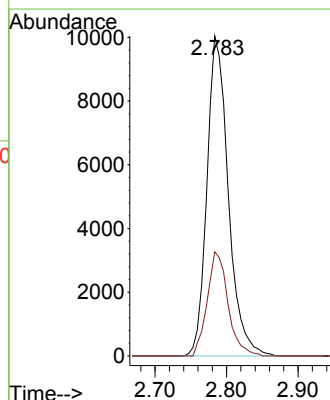
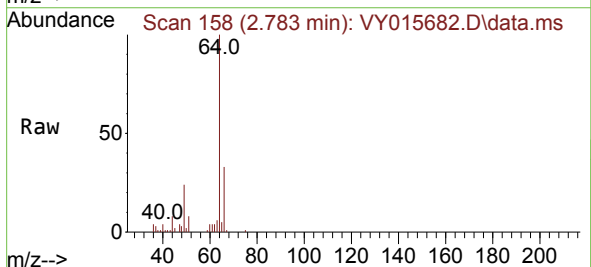
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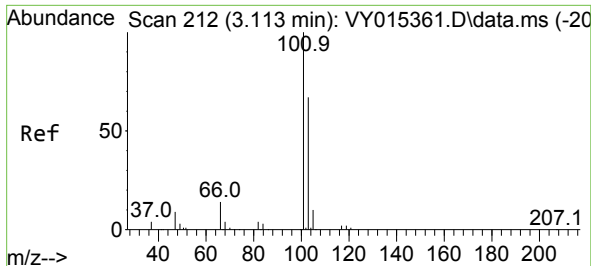
Tgt Ion: 94 Resp: 22191
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.6



#6
Chloroethane
Concen: 22.072 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.001 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 64 Resp: 20847
Ion Ratio Lower Upper
64 100
66 32.5 24.4 36.6

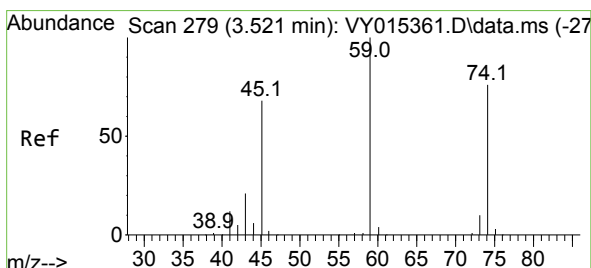
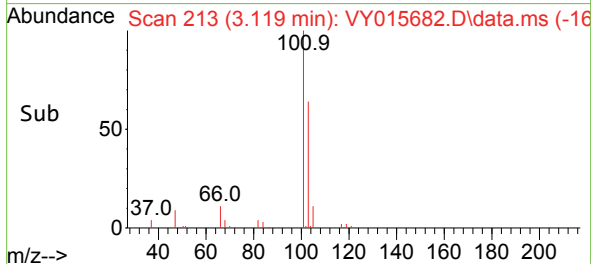
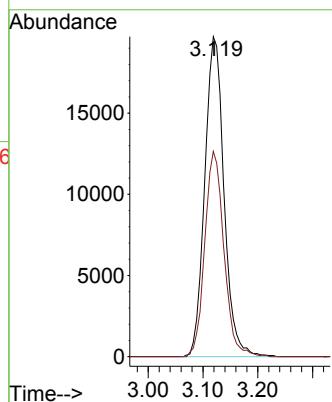
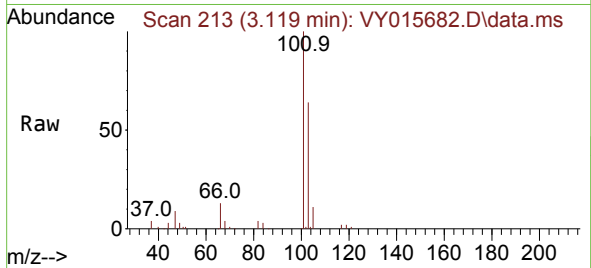




#7
 Trichlorofluoromethane
 Concen: 22.478 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015682.D
 Acq: 22 Sep 2023 13:32

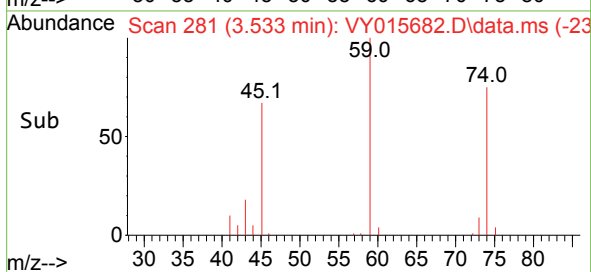
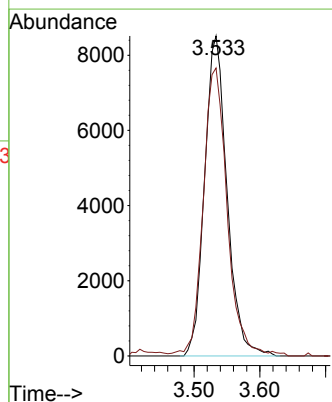
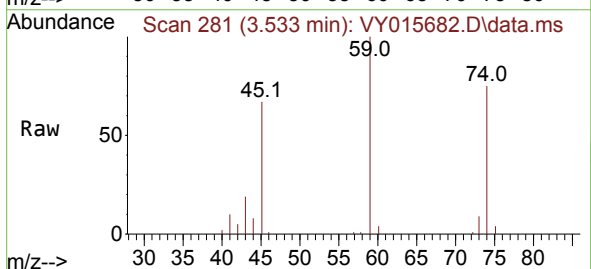
Instrument :
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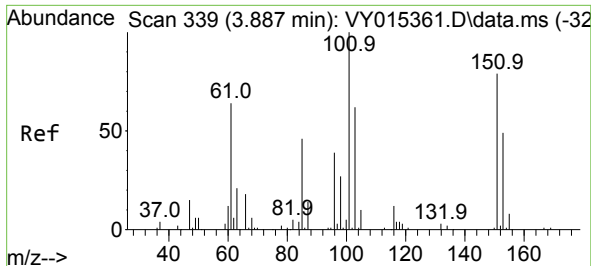
Tgt Ion:101 Resp: 48035
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 22.179 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015682.D
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Tgt Ion: 74 Resp: 20212
 Ion Ratio Lower Upper
 74 100
 45 93.9 51.5 154.5

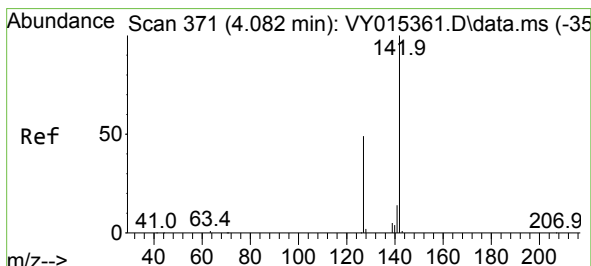
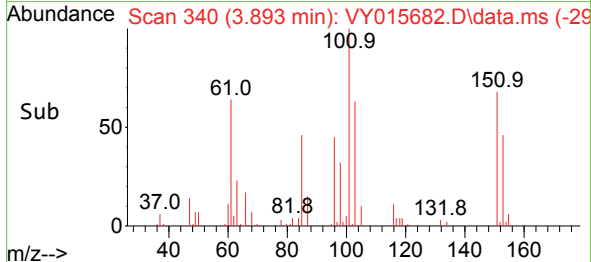
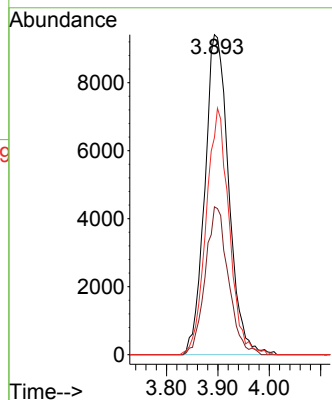
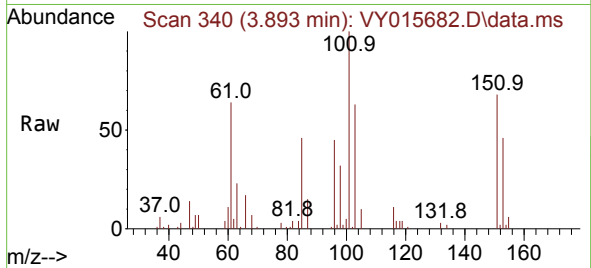




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.727 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

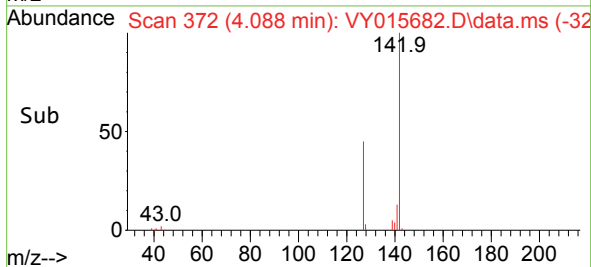
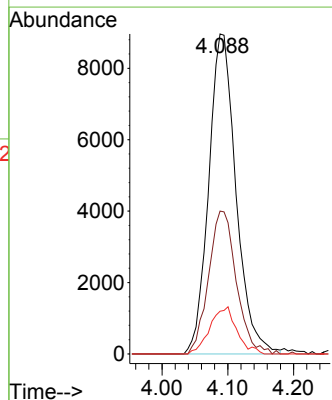
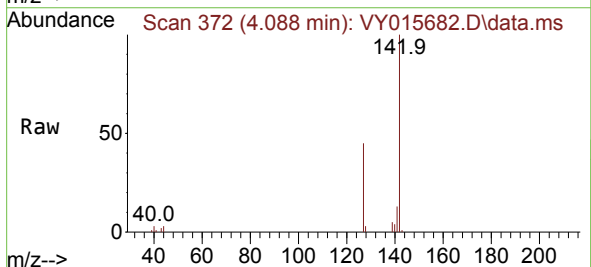
Instrument :
MSVOA_Y
ClientSampleId :

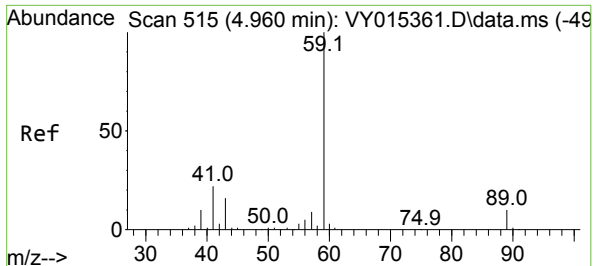
Tgt Ion:101 Resp: 30410
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 74.1 67.0 100.6



#10
Methyl Iodide
Concen: 18.283 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion:142 Resp: 25887
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.4 11.8 17.8





#11

Tert butyl alcohol

Concen: 130.788 ug/l

RT: 4.978 min Scan# 515

Delta R.T. 0.024 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

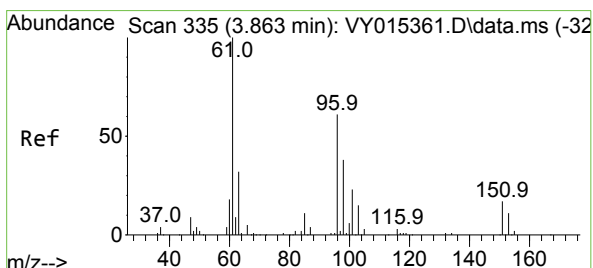
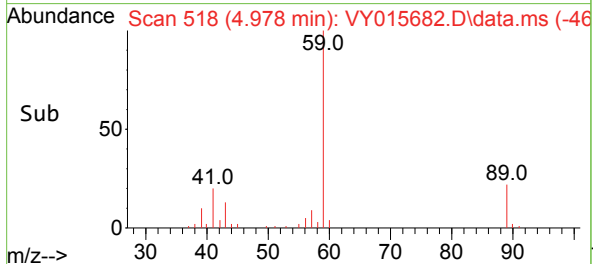
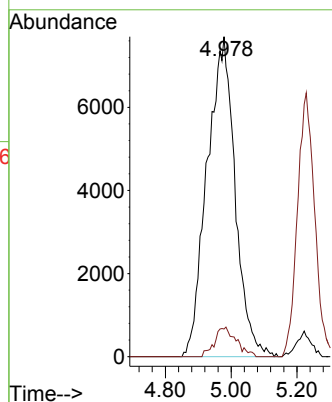
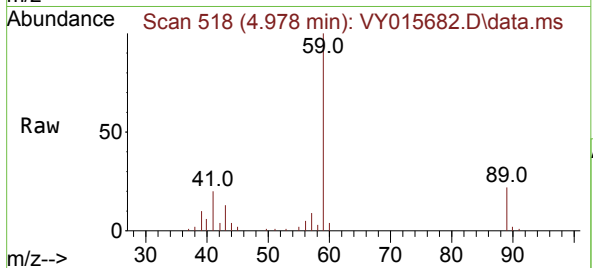
ClientSampleId :

Tgt Ion: 59 Resp: 45602

Ion Ratio Lower Upper

59 100

57 7.1 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.742 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

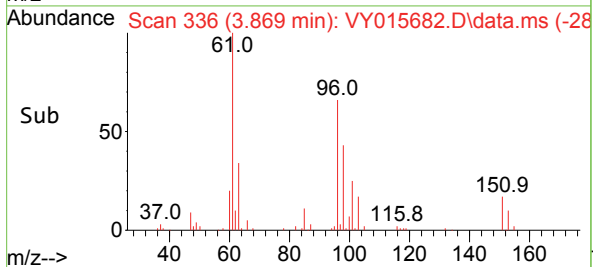
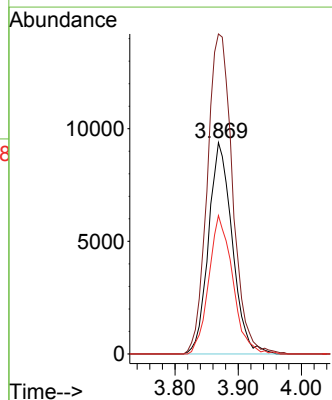
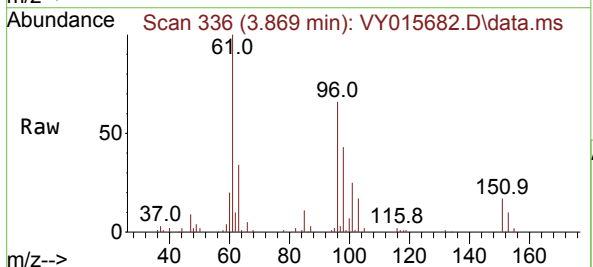
Tgt Ion: 96 Resp: 24456

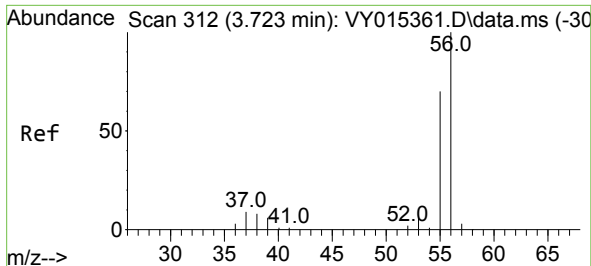
Ion Ratio Lower Upper

96 100

61 151.4 136.4 204.6

98 65.4 49.4 74.2

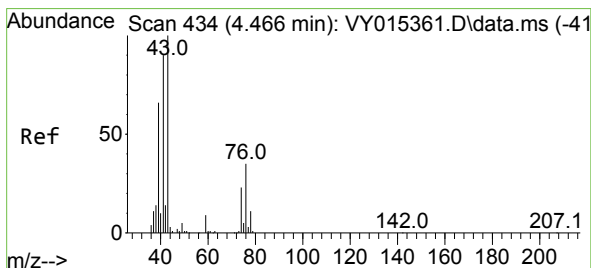
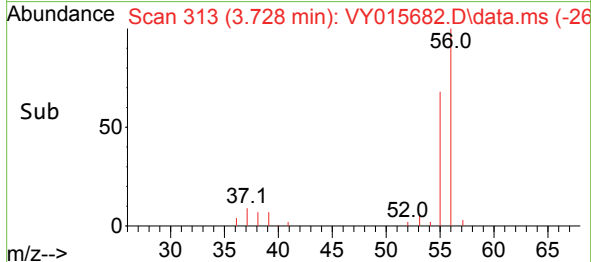
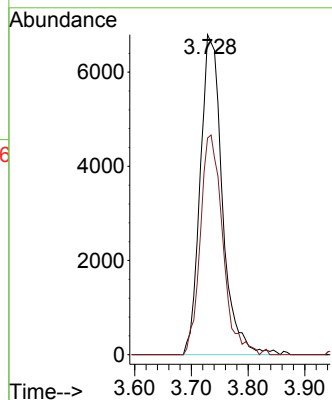
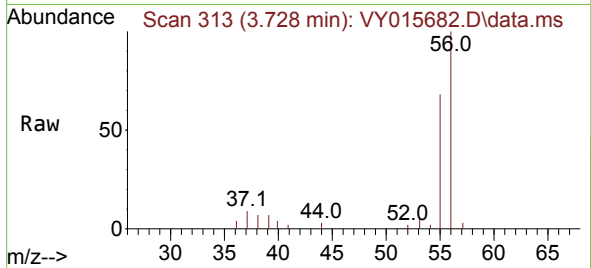




#13
Acrolein
Concen: 81.345 ug/l
RT: 3.728 min Scan# 312
Delta R.T. 0.005 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

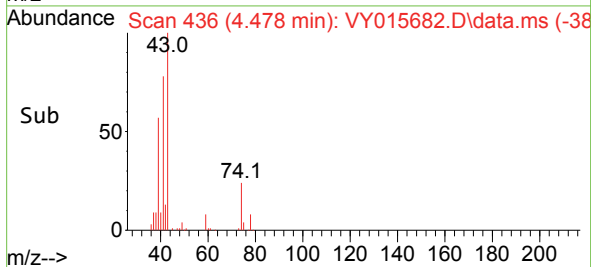
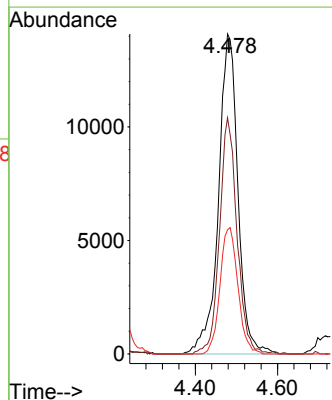
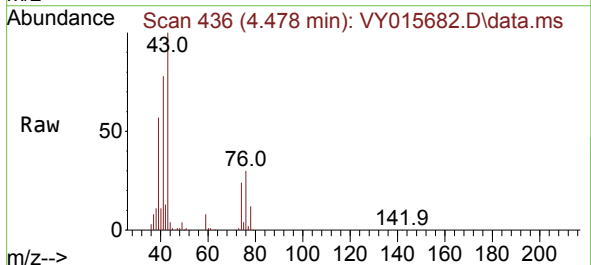
Instrument :
MSVOA_Y
ClientSampleId :

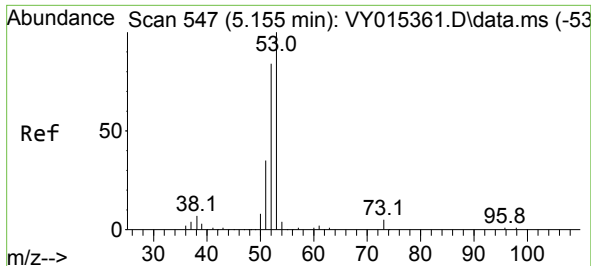
Tgt Ion: 56 Resp: 18370
Ion Ratio Lower Upper
56 100
55 69.6 57.0 85.4



#14
Allyl chloride
Concen: 21.483 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 41 Resp: 46312
Ion Ratio Lower Upper
41 100
39 66.5 58.0 87.0
76 36.4 27.4 41.2

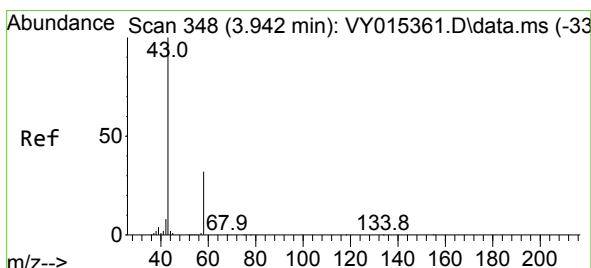
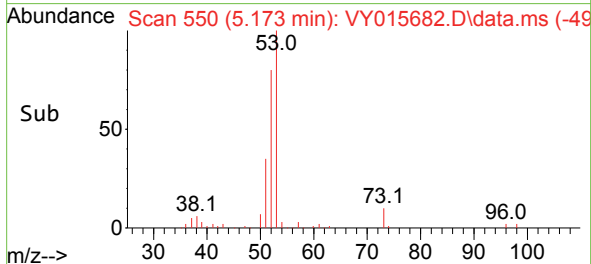
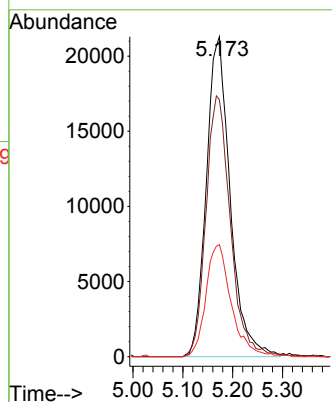
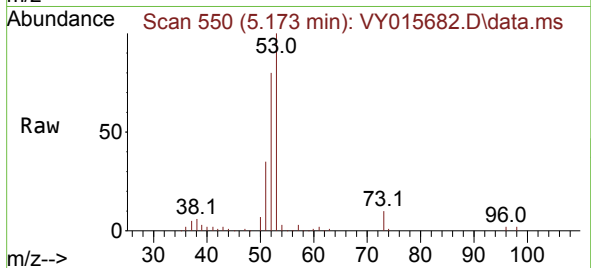




#15
Acrylonitrile
Concen: 105.720 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

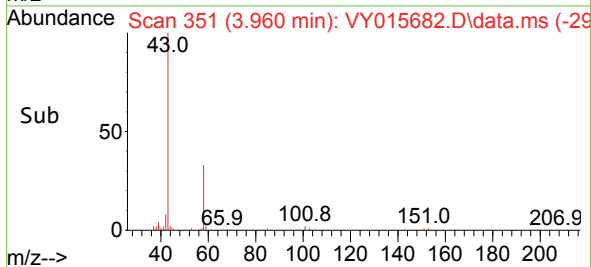
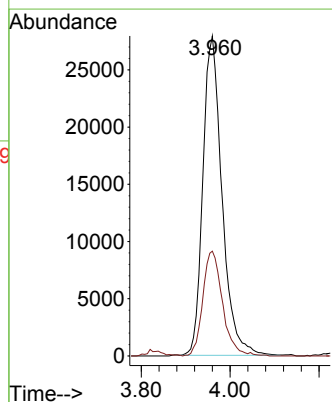
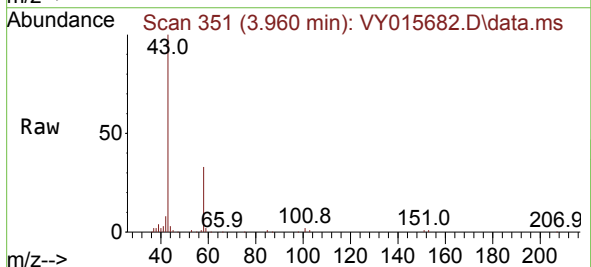
Instrument :
MSVOA_Y
ClientSampleId :

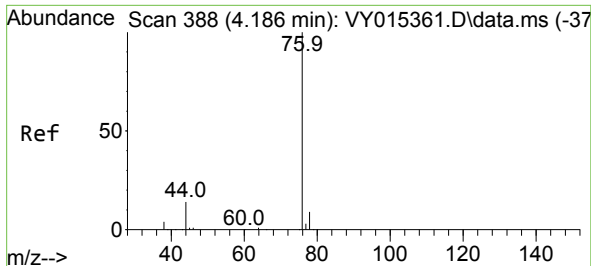
Tgt Ion: 53 Resp: 70677
Ion Ratio Lower Upper
53 100
52 83.6 66.9 100.3
51 37.3 29.8 44.6



#16
Acetone
Concen: 106.043 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 43 Resp: 83682
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1

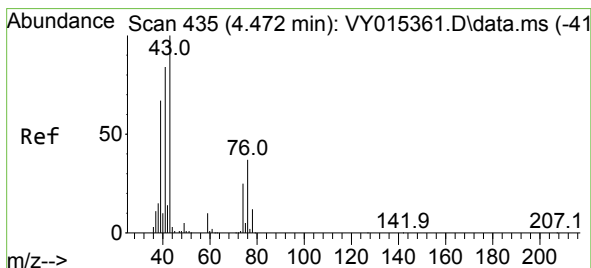
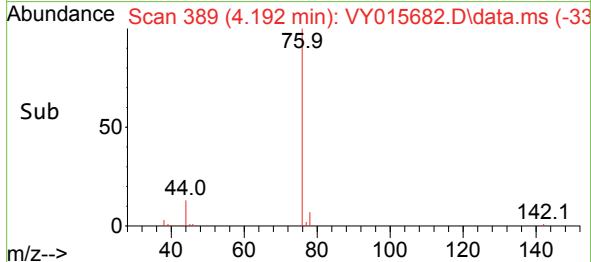
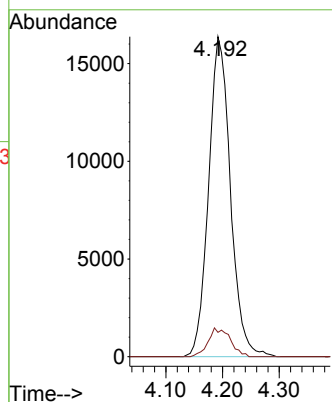
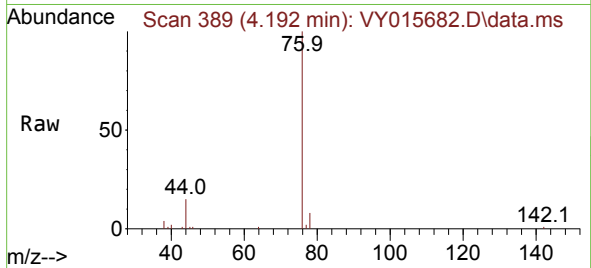




#17
Carbon Disulfide
Concen: 19.120 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

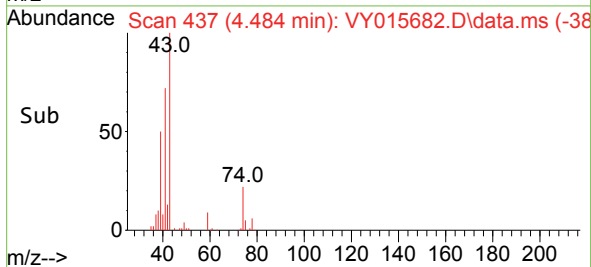
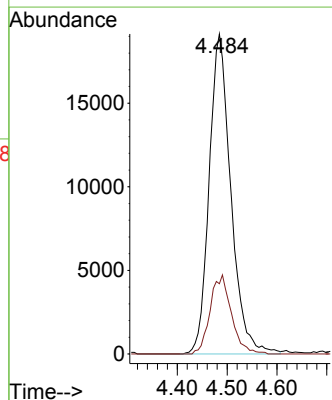
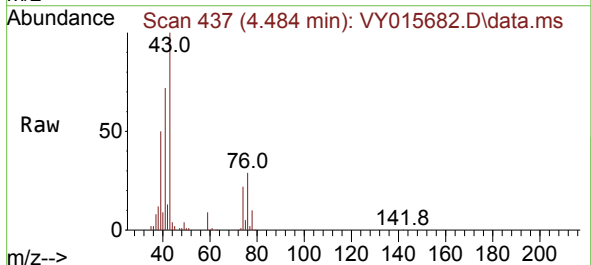
Instrument :
MSVOA_Y
ClientSampleId :

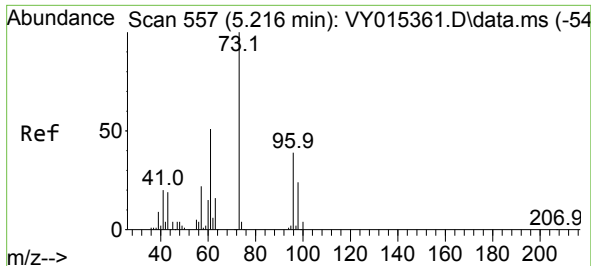
Tgt Ion: 76 Resp: 43795
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.4



#18
Methyl Acetate
Concen: 21.827 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 43 Resp: 57792
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0

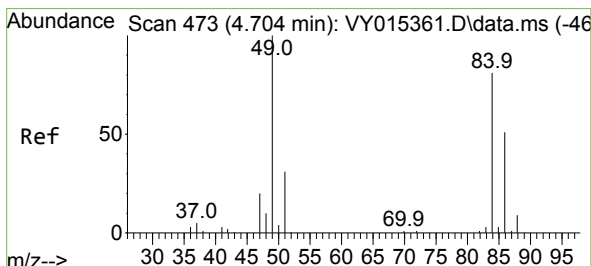
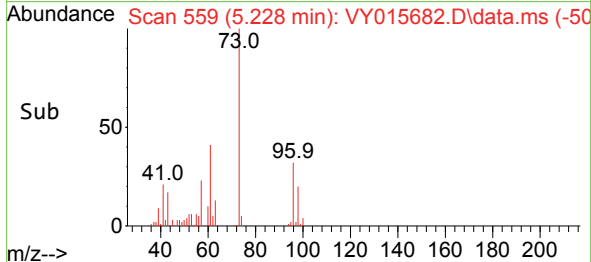
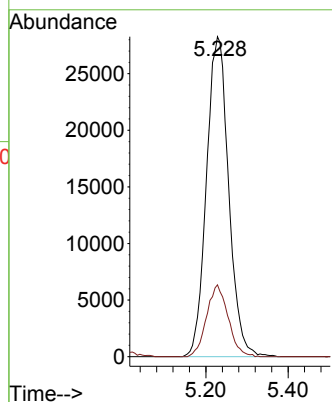
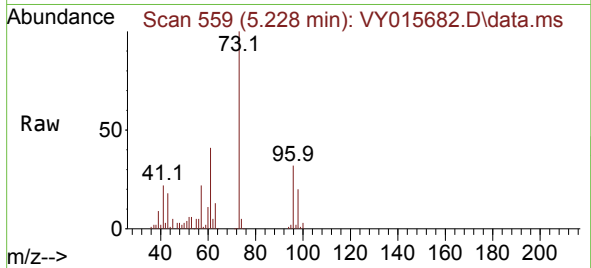




#19
Methyl tert-butyl Ether
Concen: 22.052 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

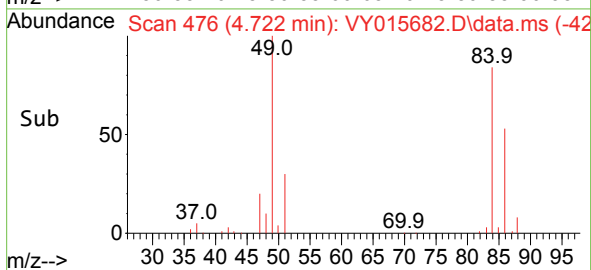
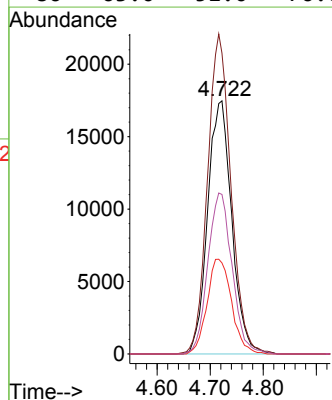
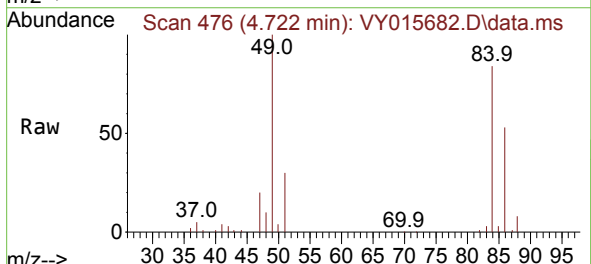
Instrument :
MSVOA_Y
ClientSampleId :

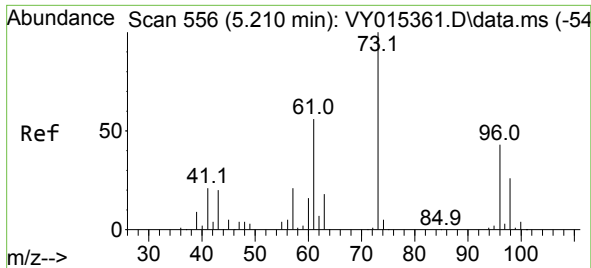
Tgt Ion: 73 Resp: 105898
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 30.074 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 84 Resp: 55308
Ion Ratio Lower Upper
84 100
49 118.8 106.9 160.3
51 35.9 33.2 49.8
86 63.0 51.0 76.6

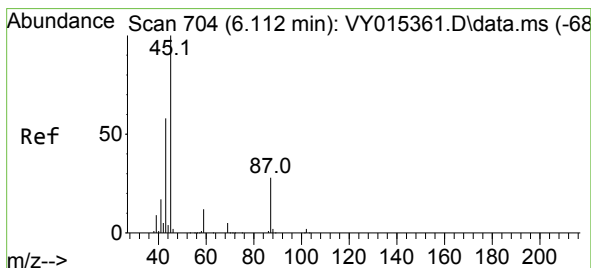
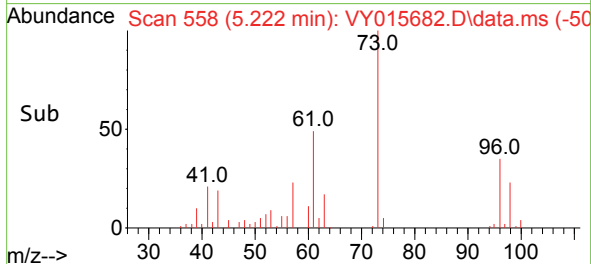
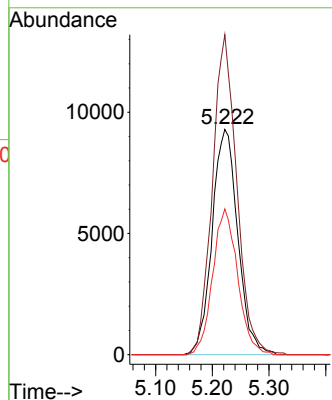
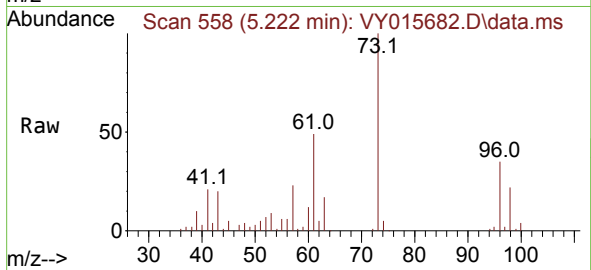




#21
trans-1,2-Dichloroethene
Concen: 21.675 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

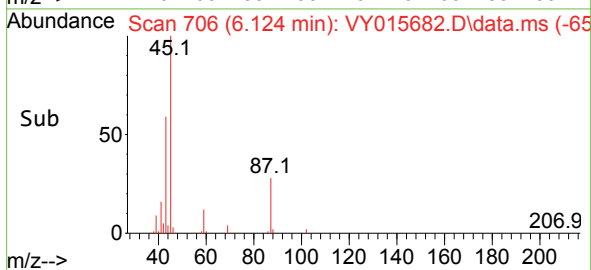
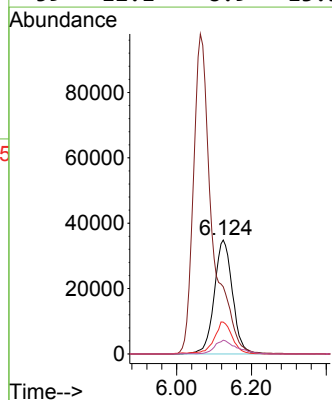
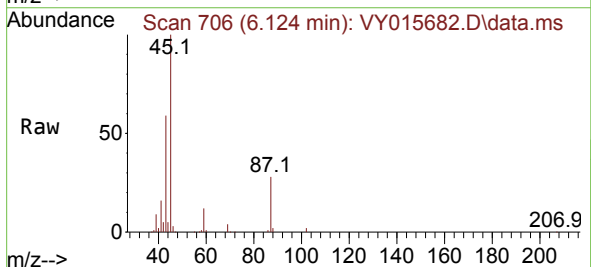
Instrument :
MSVOA_Y
ClientSampleId :

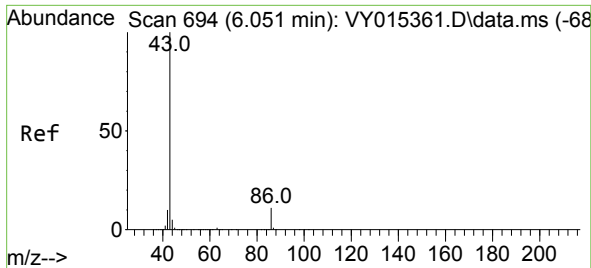
Tgt Ion: 96 Resp: 29211
Ion Ratio Lower Upper
96 100
61 142.0 110.2 165.4
98 64.7 51.8 77.6



#22
Diisopropyl ether
Concen: 22.733 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 45 Resp: 117940
Ion Ratio Lower Upper
45 100
43 58.5 52.2 78.4
87 28.0 21.0 31.6
59 12.1 8.9 13.3

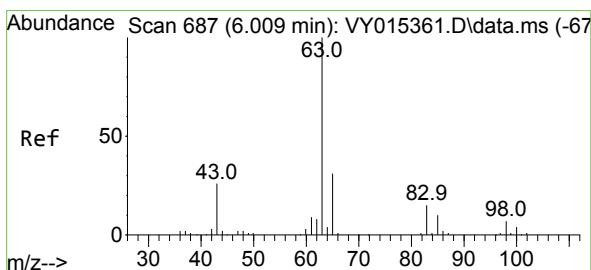
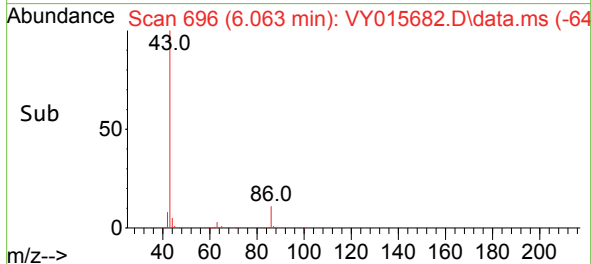
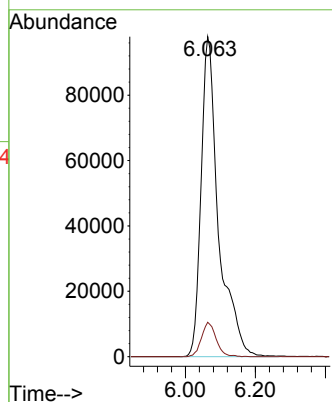
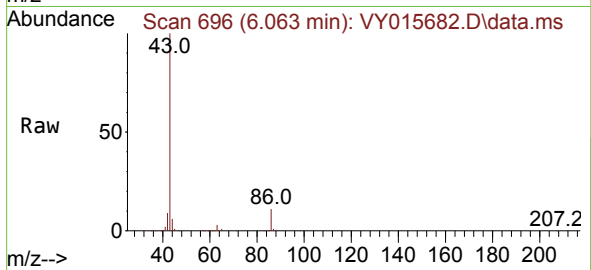




#23
 Vinyl Acetate
 Concen: 105.676 ug/l
 RT: 6.063 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY015682.D
 Acq: 22 Sep 2023 13:32

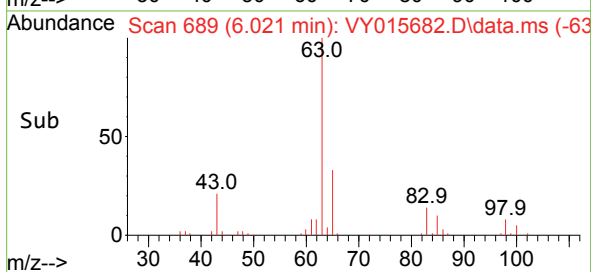
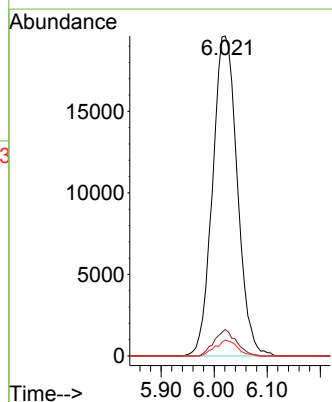
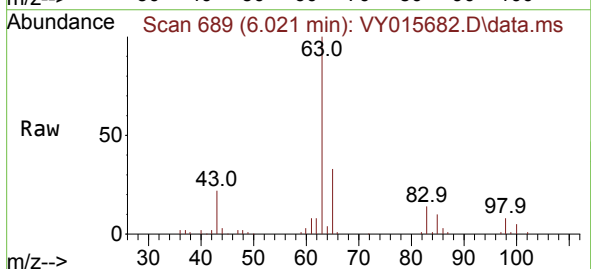
Instrument :
 MSVOA_Y
 ClientSampleId :

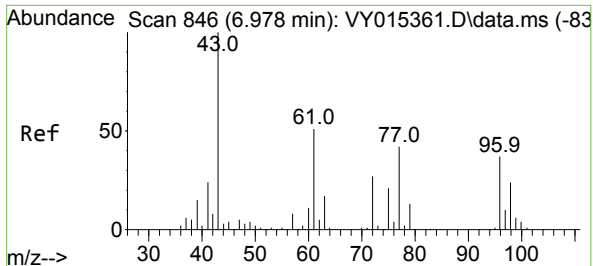
Tgt Ion: 43 Resp: 338396
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 22.467 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.018 min
 Lab File: VY015682.D
 Acq: 22 Sep 2023 13:32

Tgt Ion: 63 Resp: 63531
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 107.071 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

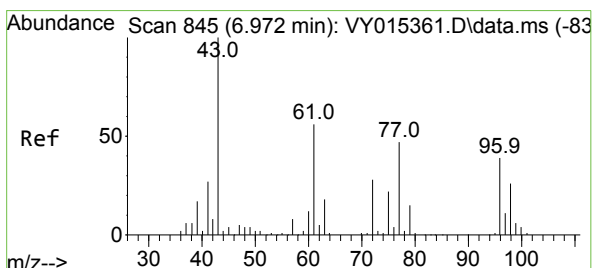
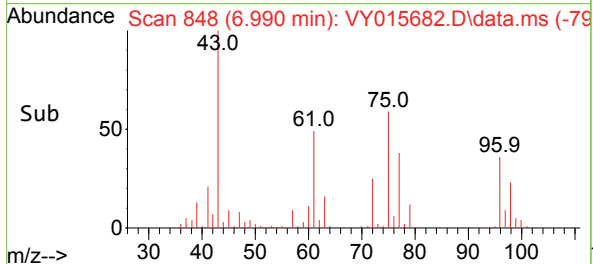
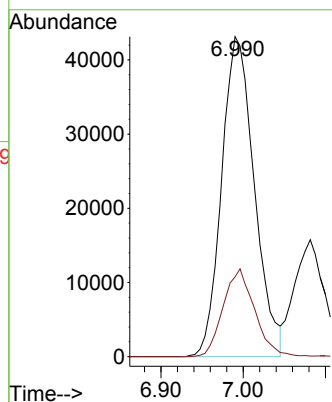
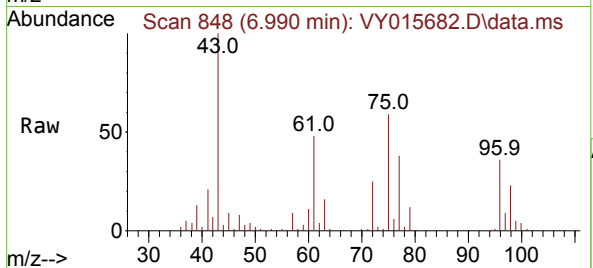
ClientSampleId :

Tgt Ion: 43 Resp: 119428

Ion Ratio Lower Upper

43 100

72 25.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.581 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015682.D

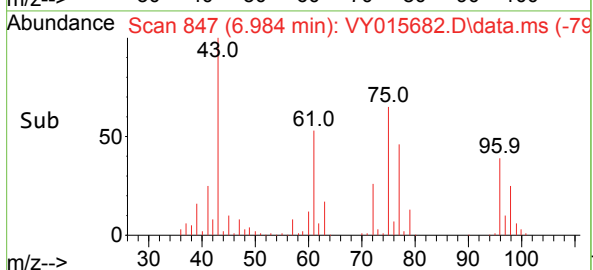
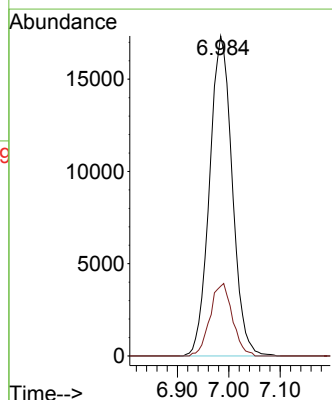
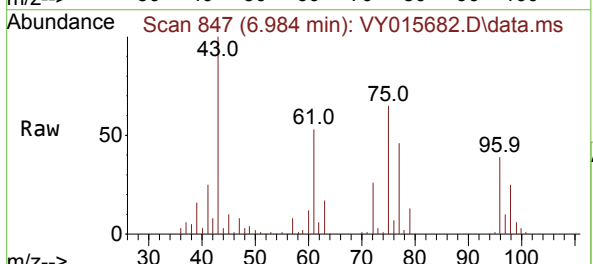
Acq: 22 Sep 2023 13:32

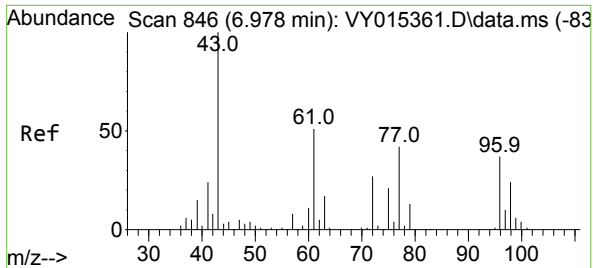
Tgt Ion: 77 Resp: 53194

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.9

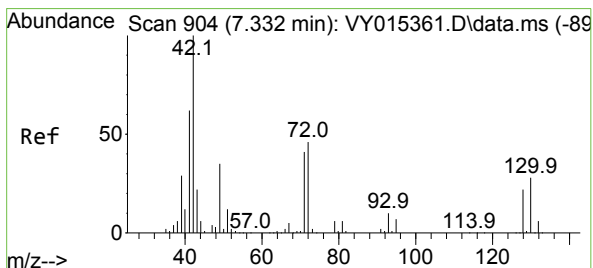
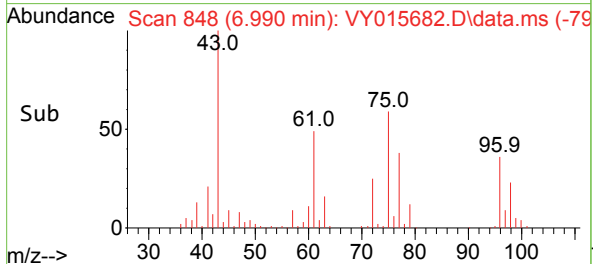
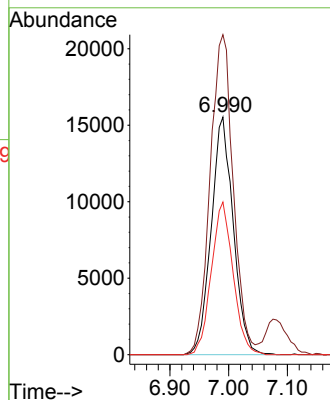
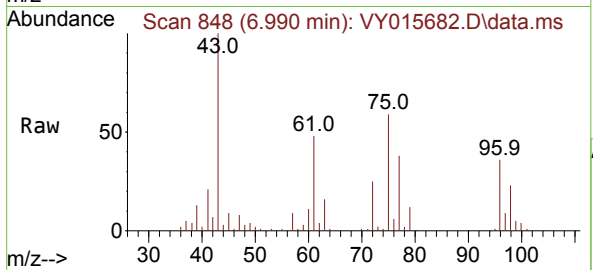




#27
cis-1,2-Dichloroethene
Concen: 22.690 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

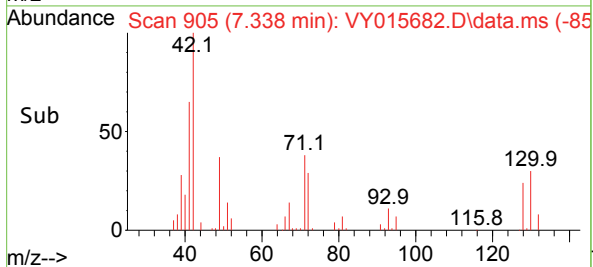
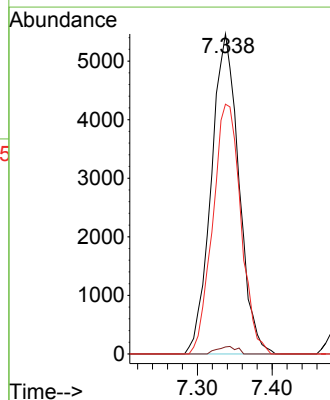
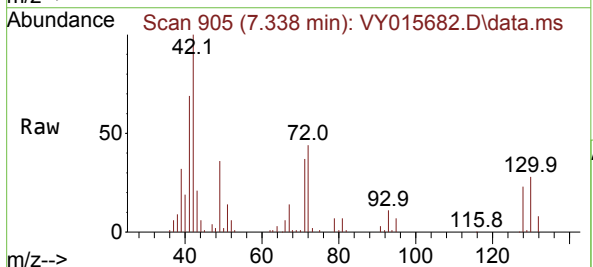
Instrument :
MSVOA_Y
ClientSampleId :

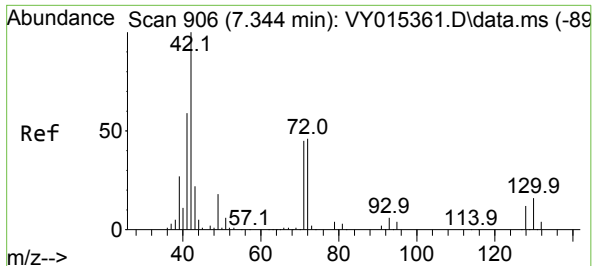
Tgt Ion: 96 Resp: 40595
Ion Ratio Lower Upper
96 100
61 140.7 0.0 301.4
98 63.2 0.0 130.4



#28
Bromochloromethane
Concen: 18.332 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 49 Resp: 14064
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 79.5 60.7 91.1

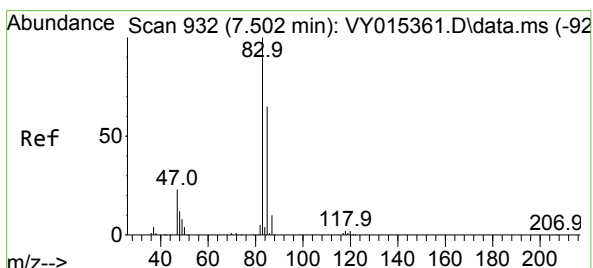
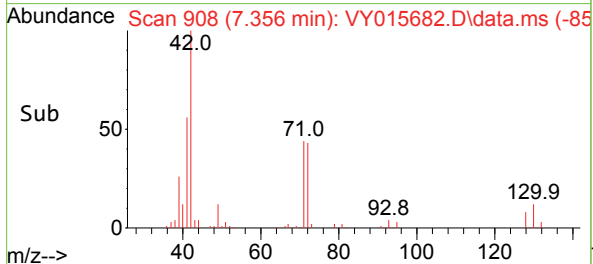
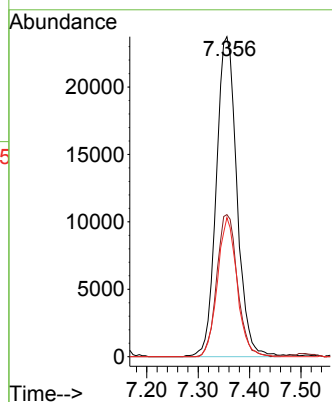
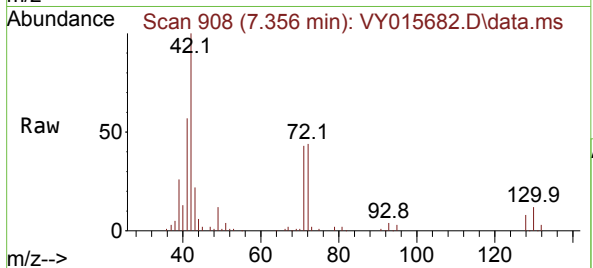




#29
Tetrahydrofuran
Concen: 104.843 ug/l
RT: 7.356 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

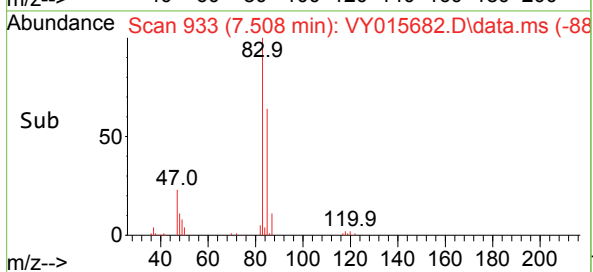
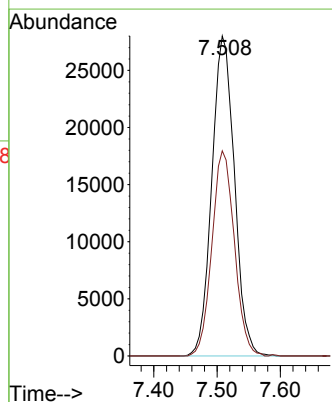
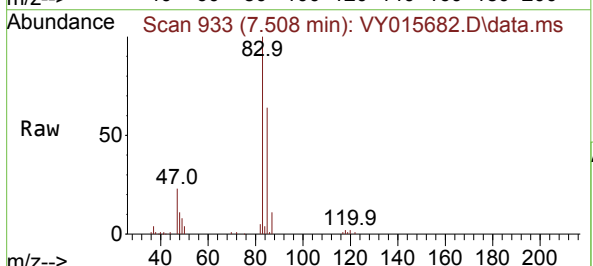
Instrument :
MSVOA_Y
ClientSampleId :

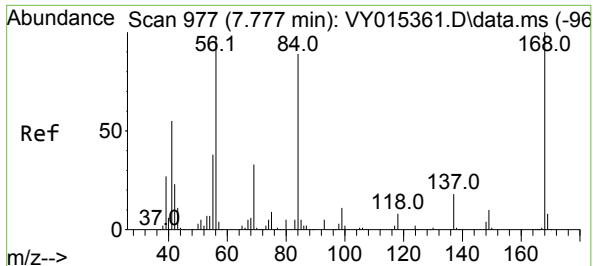
Tgt Ion:	42	Resp:	66097
Ion	Ratio	Lower	Upper
42	100		
72	44.6	32.8	49.2
71	41.3	31.0	46.4



#30
Chloroform
Concen: 22.936 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.012 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion:	83	Resp:	69456
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.7	74.5





#31

Cyclohexane

Concen: 20.900 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

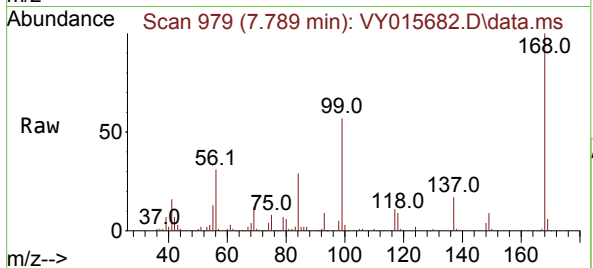
Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :



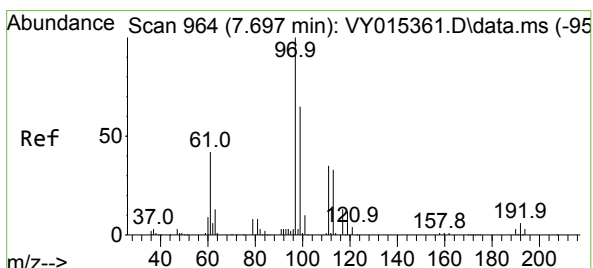
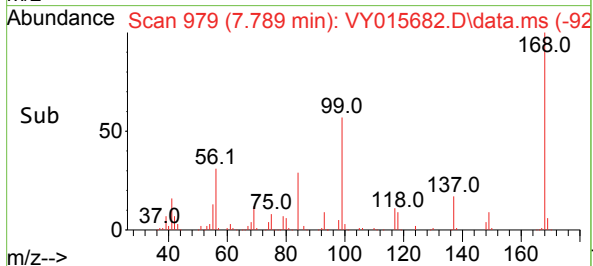
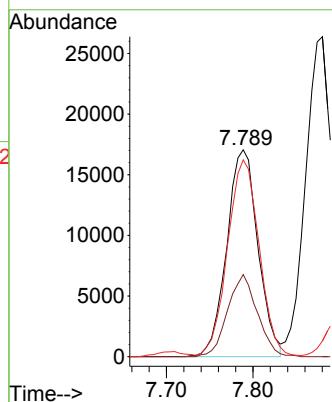
Tgt Ion: 56 Resp: 42693

Ion Ratio Lower Upper

56 100

69 39.7 27.8 41.6

84 93.5 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 22.456 ug/l

RT: 7.703 min Scan# 965

Delta R.T. 0.012 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

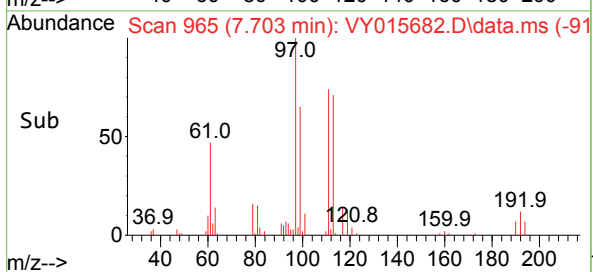
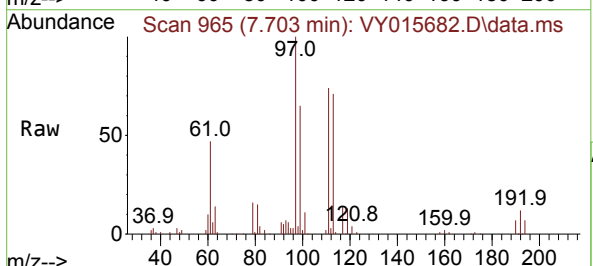
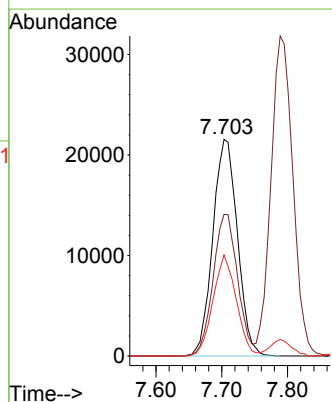
Tgt Ion: 97 Resp: 56139

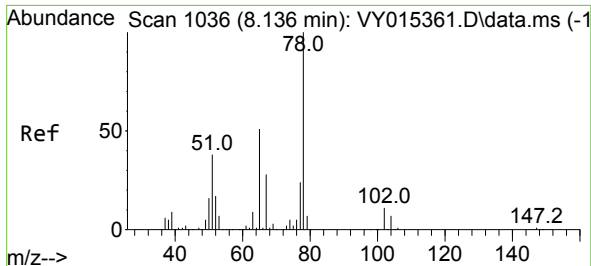
Ion Ratio Lower Upper

97 100

99 64.9 50.8 76.2

61 44.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.095 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

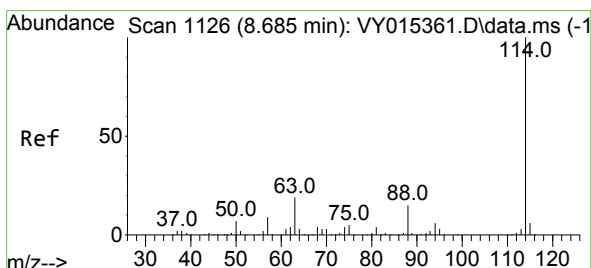
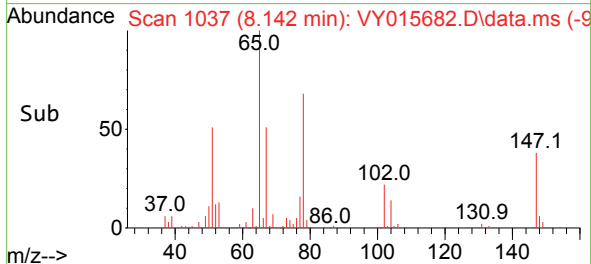
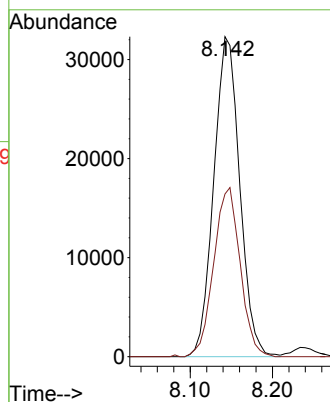
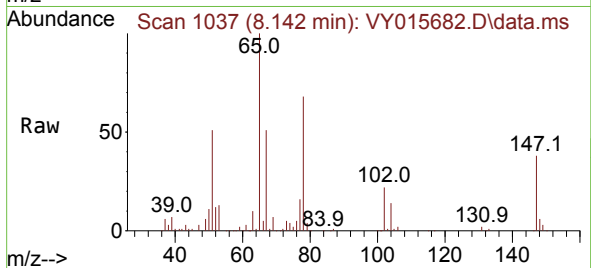
ClientSampleId :

Tgt Ion: 65 Resp: 70920

Ion Ratio Lower Upper

65 100

67 53.9 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: VY015682.D

Acq: 22 Sep 2023 13:32

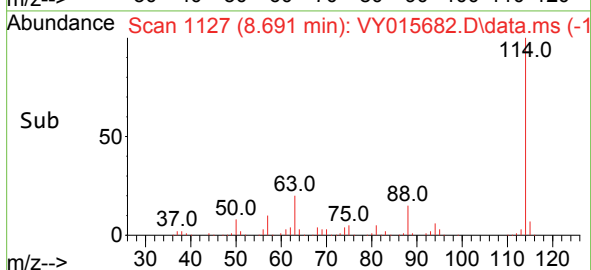
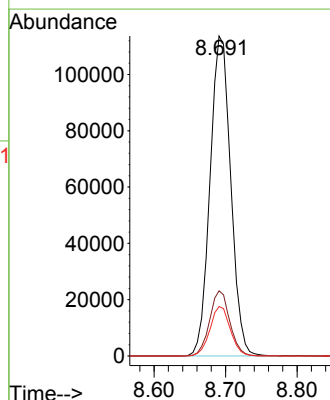
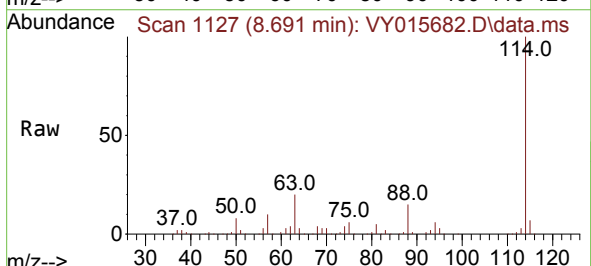
Tgt Ion:114 Resp: 228200

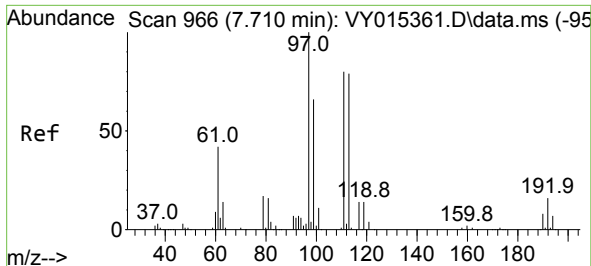
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

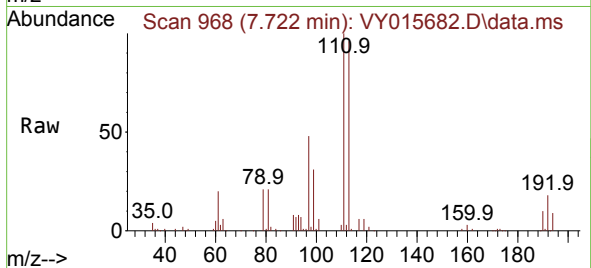
88 15.5 0.0 30.6



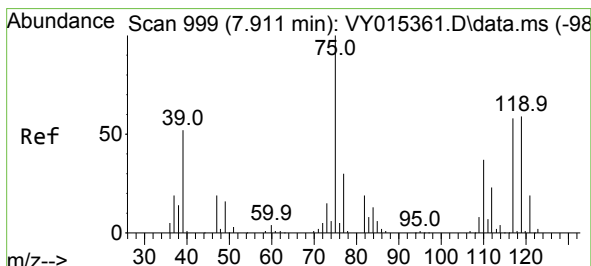
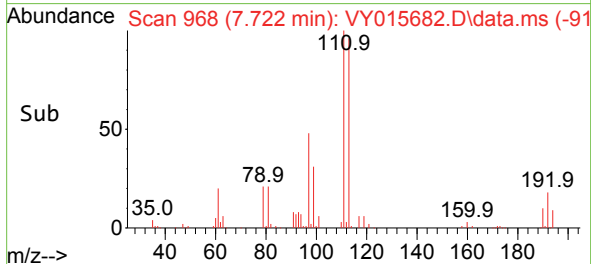
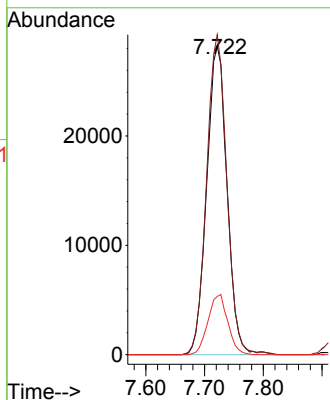


#35
Dibromofluoromethane
Concen: 49.700 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Instrument :
MSVOA_Y
ClientSampleId :

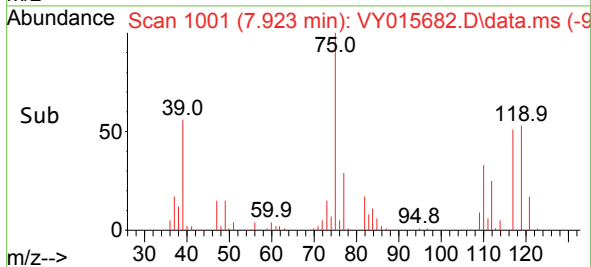
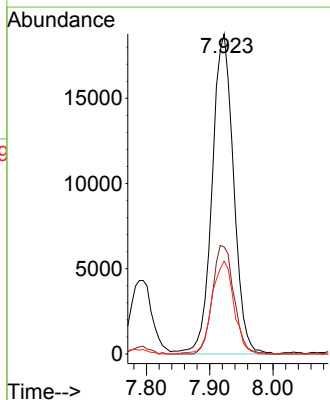
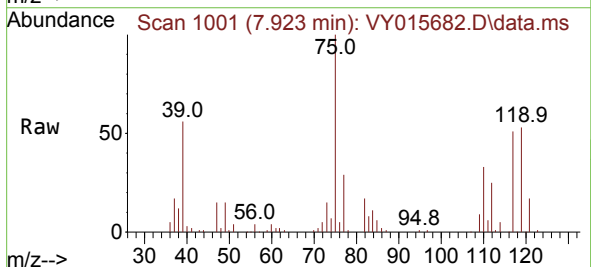


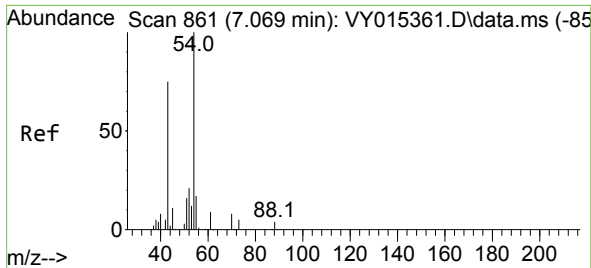
Tgt Ion:113 Resp: 67883
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.834 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 75 Resp: 44094
Ion Ratio Lower Upper
75 100
110 33.9 17.8 53.5
77 29.7 24.4 36.6

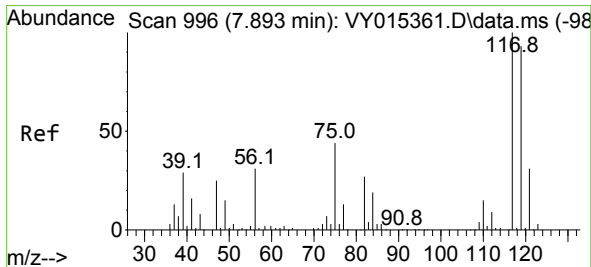
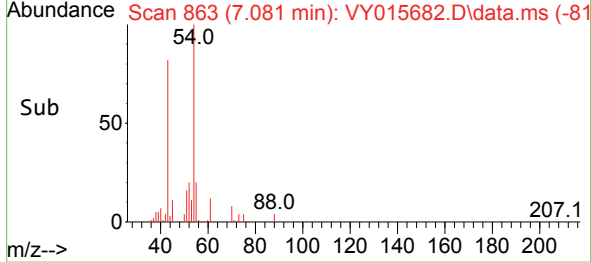
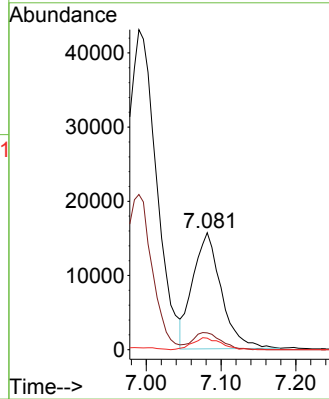
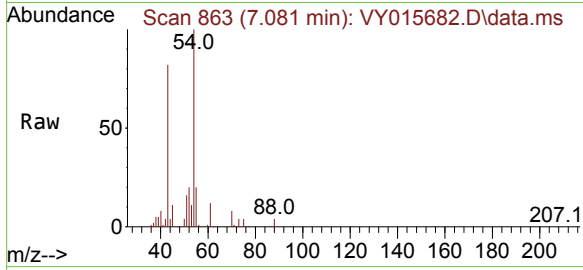




#37
Ethyl Acetate
Concen: 20.546 ug/l
RT: 7.081 min Scan# 861
Delta R.T. 0.018 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

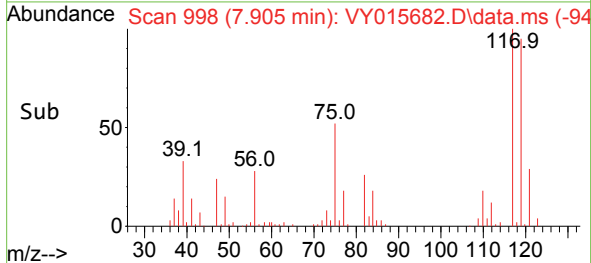
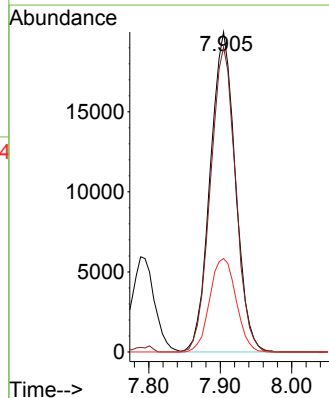
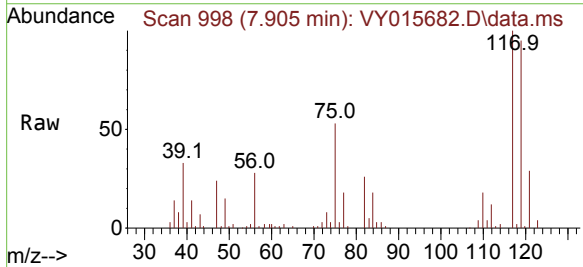
Instrument :
MSVOA_Y
ClientSampleId :

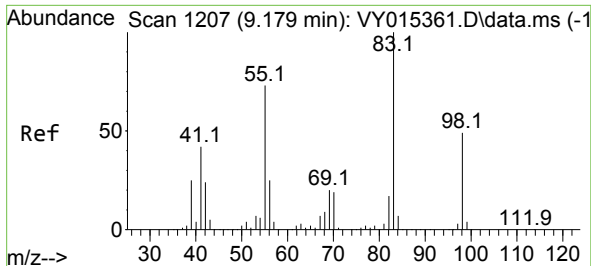
Tgt Ion: 43 Resp: 41387
Ion Ratio Lower Upper
43 100
61 14.9 10.1 15.1
70 10.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 22.288 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.012 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 117 Resp: 48859
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 29.2 25.8 38.6





#39

Methylcyclohexane

Concen: 20.346 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

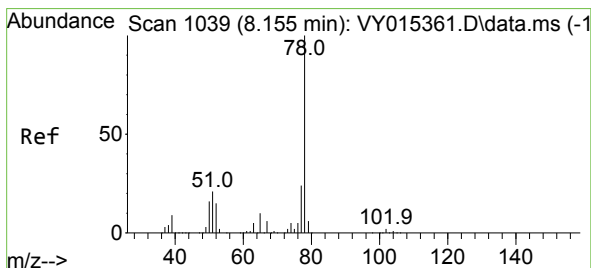
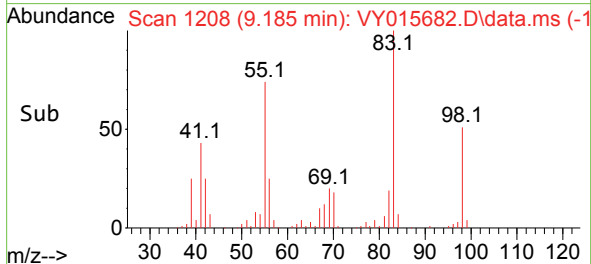
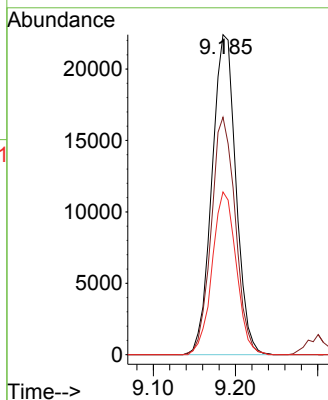
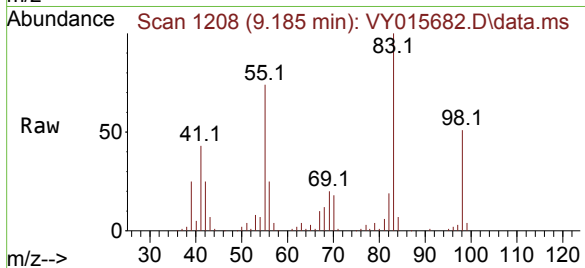
Tgt Ion: 83 Resp: 45446

Ion Ratio Lower Upper

83 100

55 74.2 63.0 94.4

98 50.8 37.4 56.2



#40

Benzene

Concen: 22.072 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015682.D

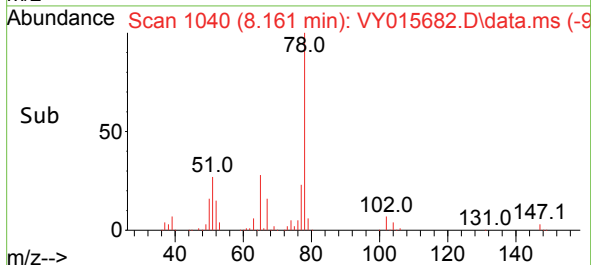
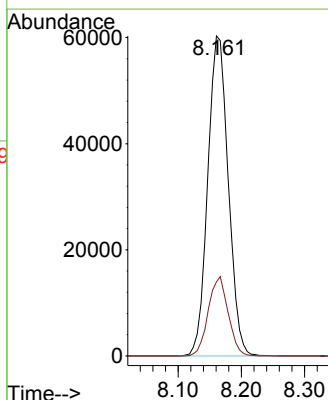
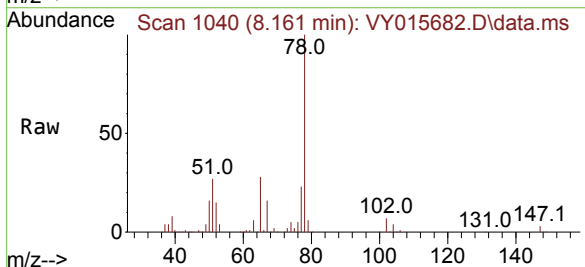
Acq: 22 Sep 2023 13:32

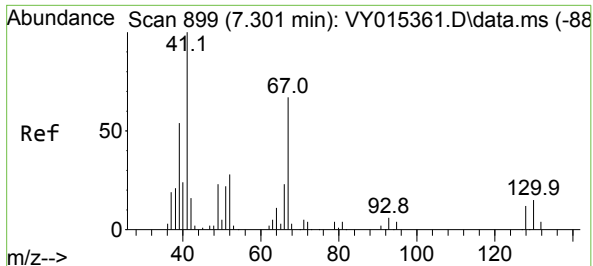
Tgt Ion: 78 Resp: 135936

Ion Ratio Lower Upper

78 100

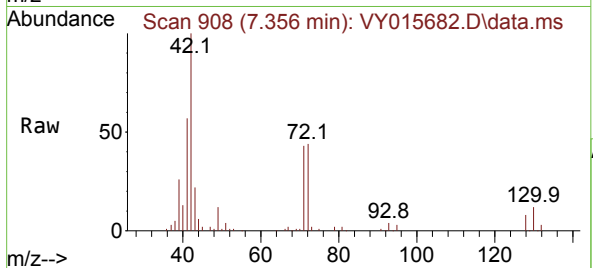
77 23.1 19.0 28.6



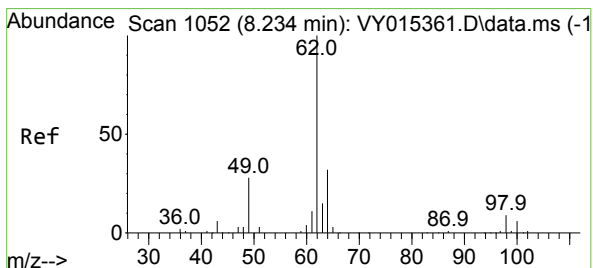
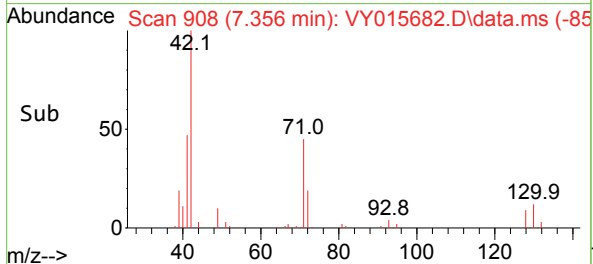
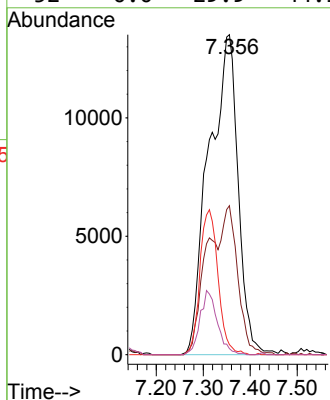


#41
Methacrylonitrile
Concen: 53.596 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.043 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Instrument :
MSVOA_Y
ClientSampleId :

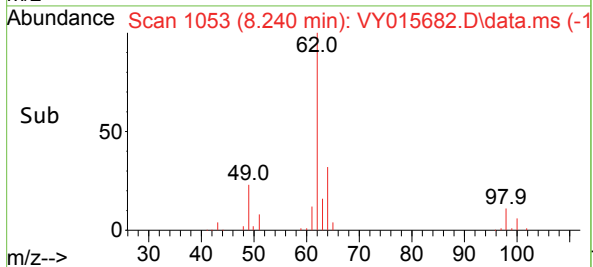
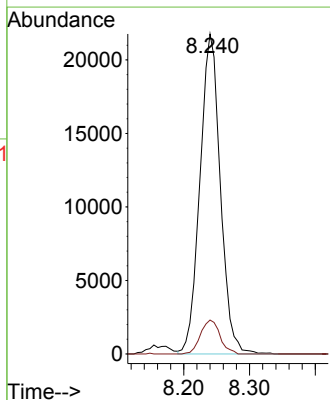
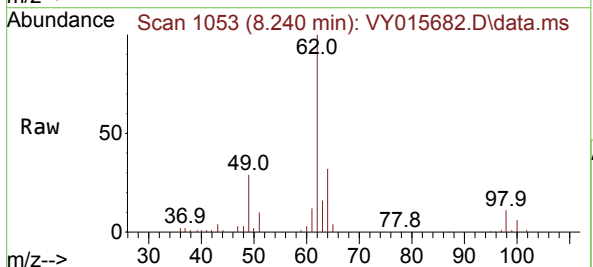


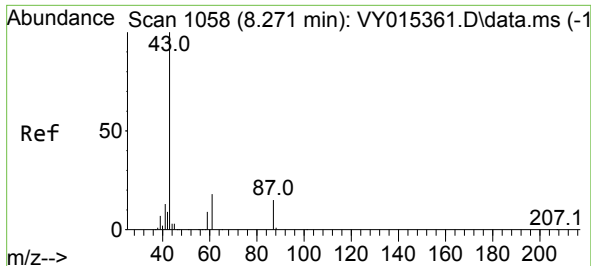
Tgt Ion	Ratio	Lower	Upper
41	100		
39	26.6	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 22.250 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

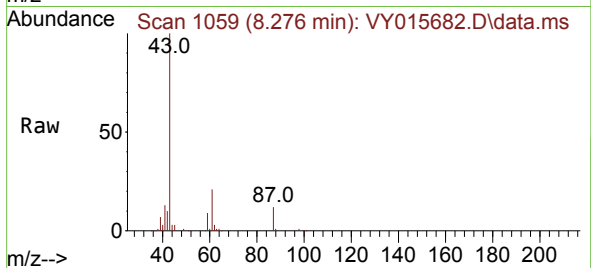
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	15.8



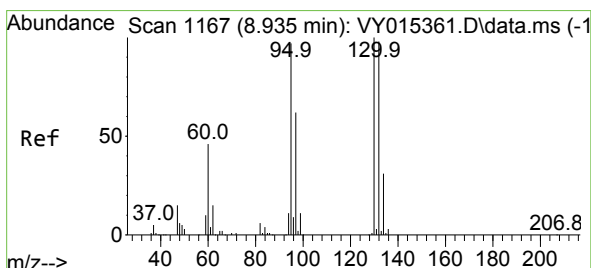
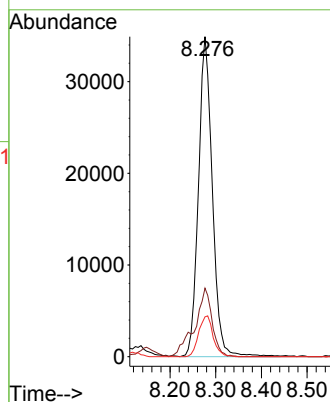
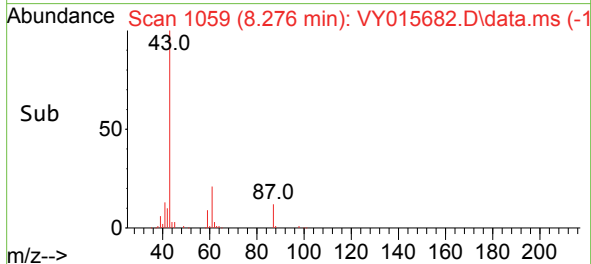


#43
Isopropyl Acetate
Concen: 21.408 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Instrument :
MSVOA_Y
ClientSampleId :

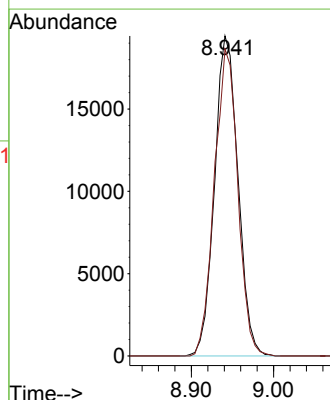
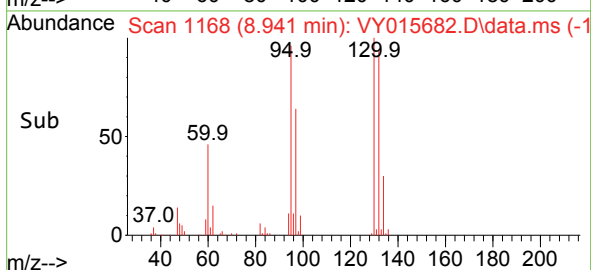
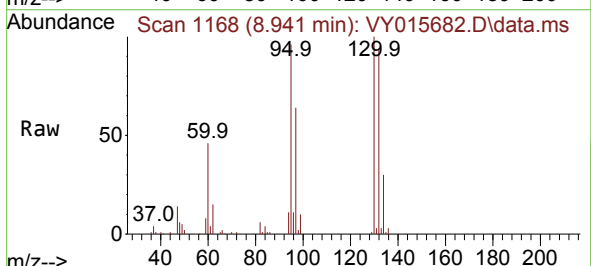


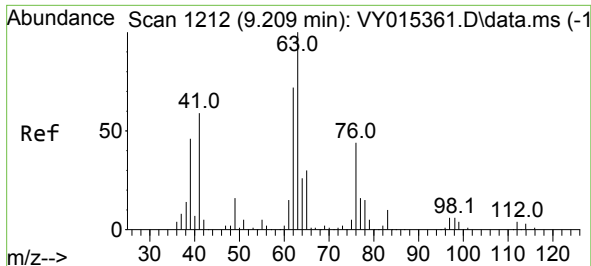
Tgt Ion	Ratio	Lower	Upper
43	100		
61	26.9	21.1	31.7
87	13.3	9.8	14.8



#44
Trichloroethene
Concen: 22.391 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	196.0

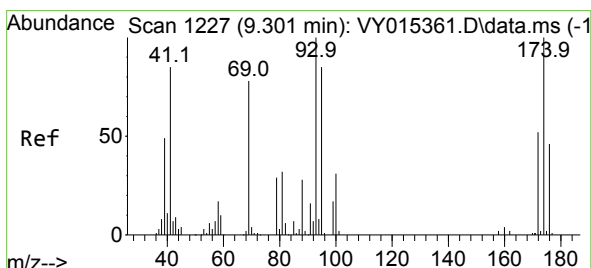
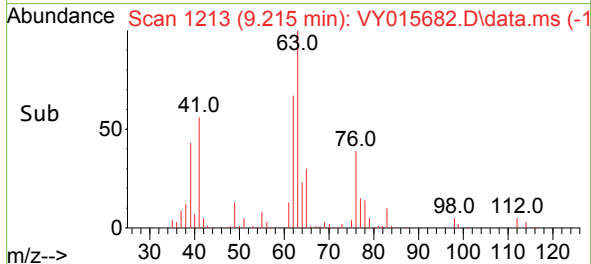
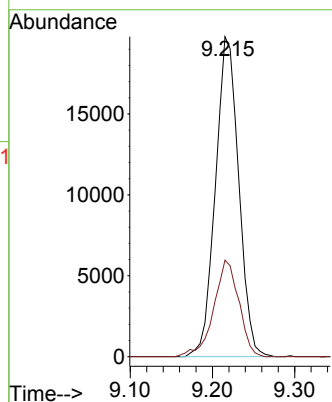
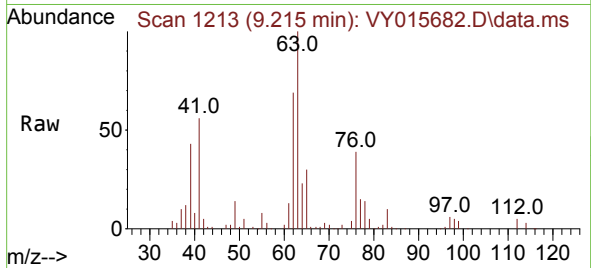




#45
1,2-Dichloropropane
Concen: 22.655 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

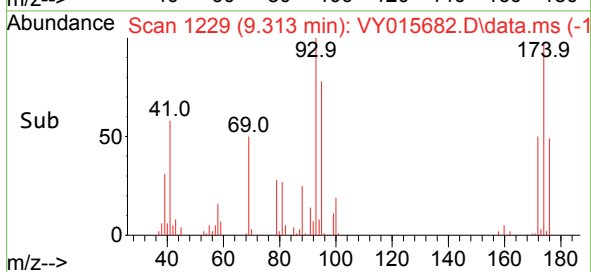
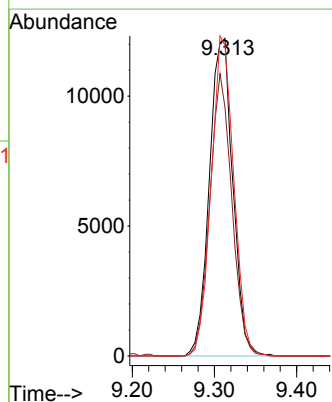
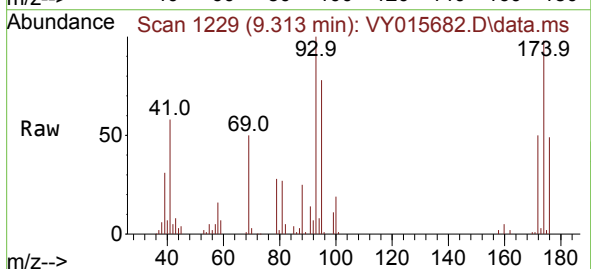
Instrument :
MSVOA_Y
ClientSampleId :

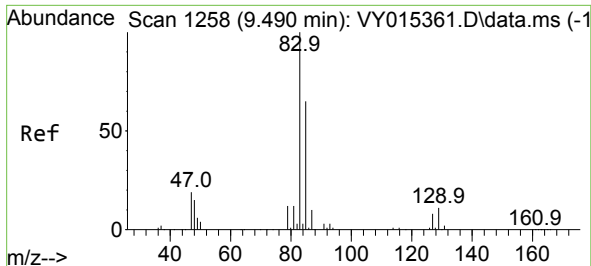
Tgt Ion: 63 Resp: 38909
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.6



#46
Dibromomethane
Concen: 22.038 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 93 Resp: 24211
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 96.9 84.8 127.2





#47

Bromodichloromethane

Concen: 22.109 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.012 min

Lab File: VY015682.D

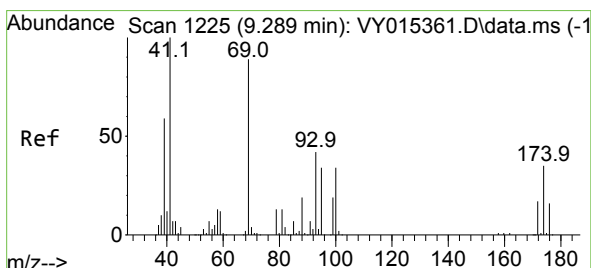
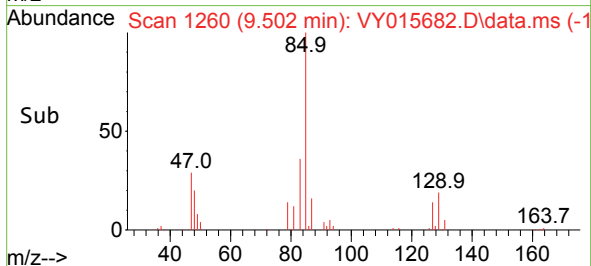
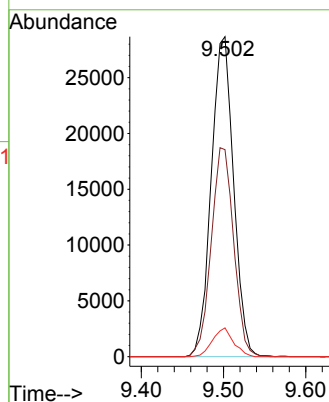
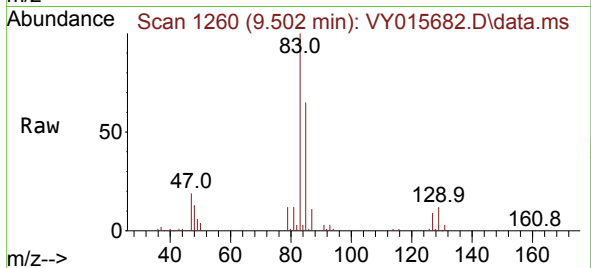
Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	54139
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.1	75.1
127	9.0	7.1	10.7



#48

Methyl methacrylate

Concen: 21.235 ug/l

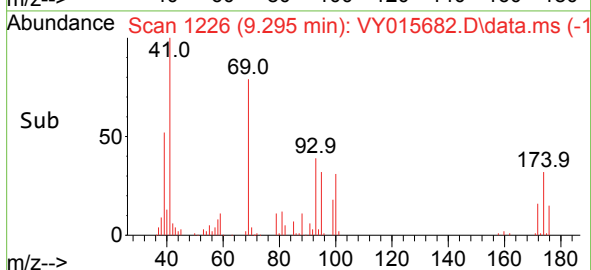
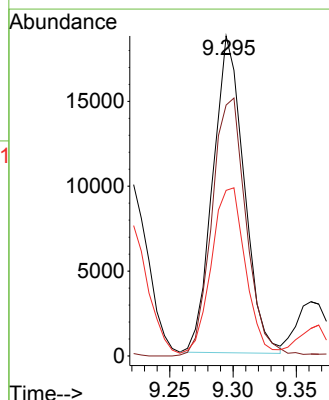
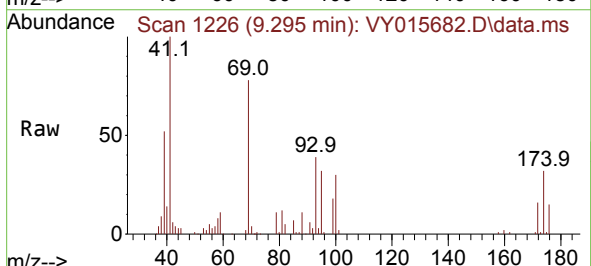
RT: 9.295 min Scan# 1226

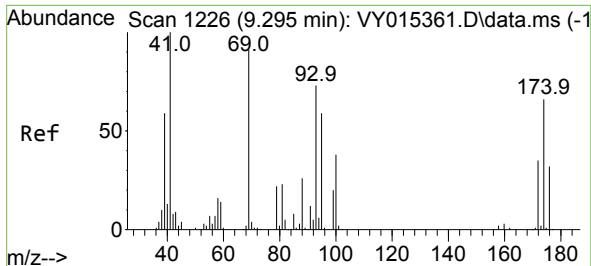
Delta R.T. 0.006 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Tgt Ion:	41	Resp:	32073
Ion Ratio	Lower	Upper	
41	100		
69	89.6	64.5	96.7
39	57.9	50.8	76.2





#49

1,4-Dioxane

Concen: 396.748 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.018 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

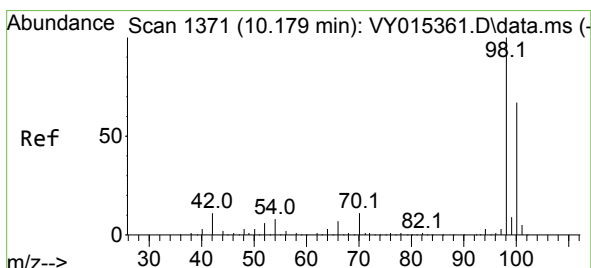
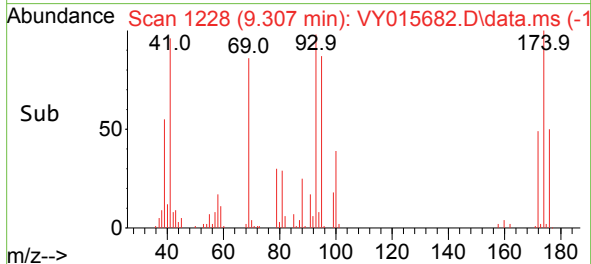
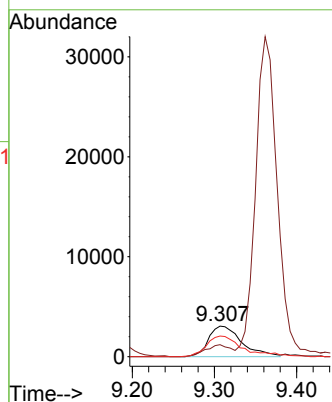
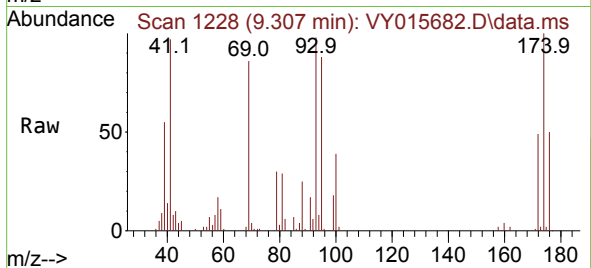
Tgt Ion: 88 Resp: 8611

Ion Ratio Lower Upper

88 100

43 29.8 0.0 0.0#

58 74.3 30.9 46.3#



#50

Toluene-d8

Concen: 47.184 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY015682.D

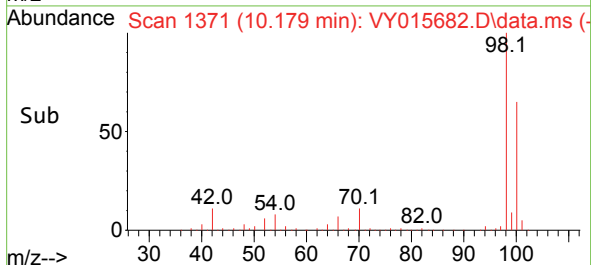
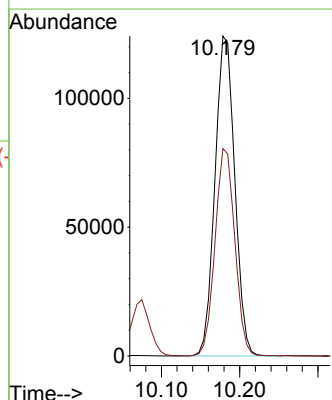
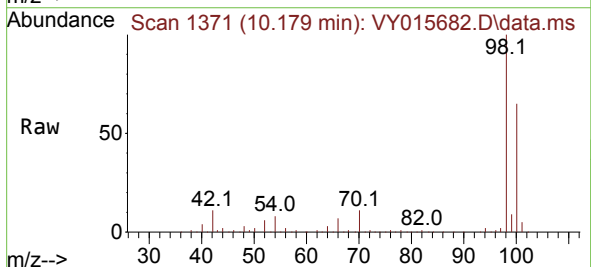
Acq: 22 Sep 2023 13:32

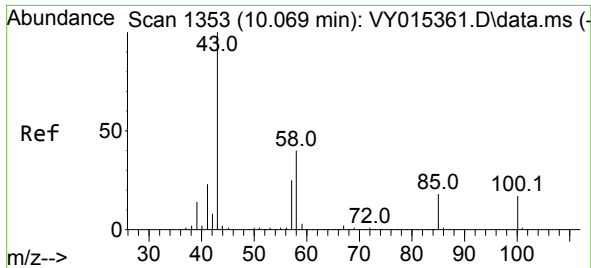
Tgt Ion: 98 Resp: 218513

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1

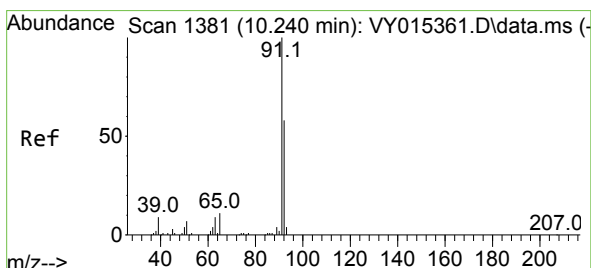
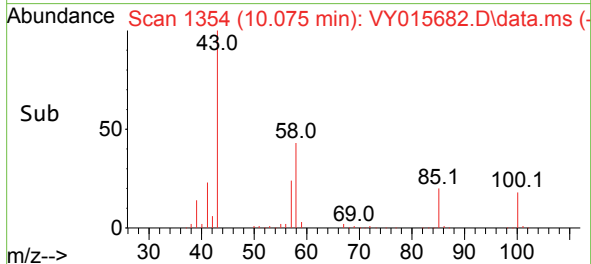
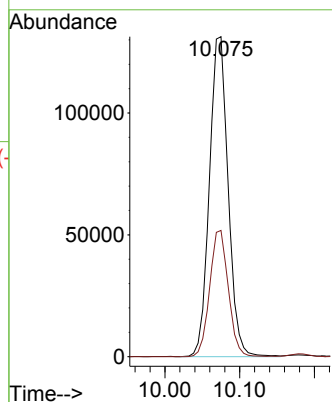
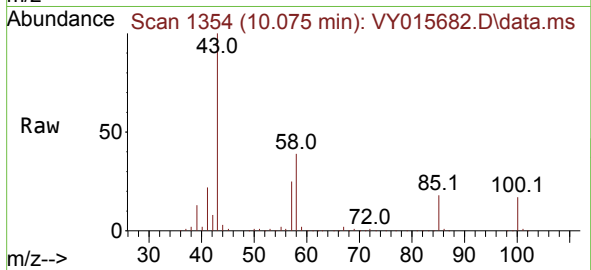




#51
4-Methyl-2-Pentanone
Concen: 107.215 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

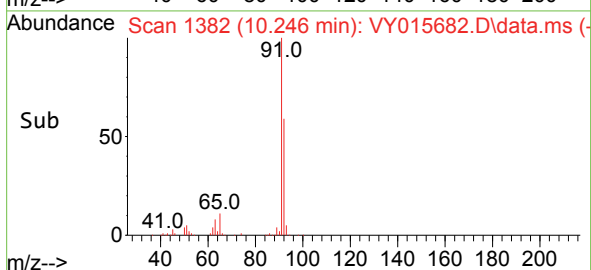
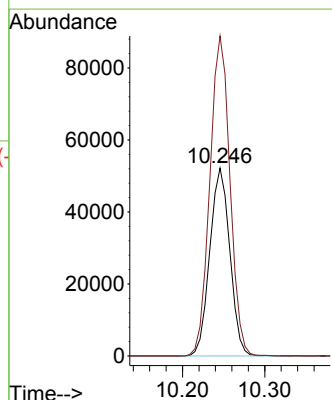
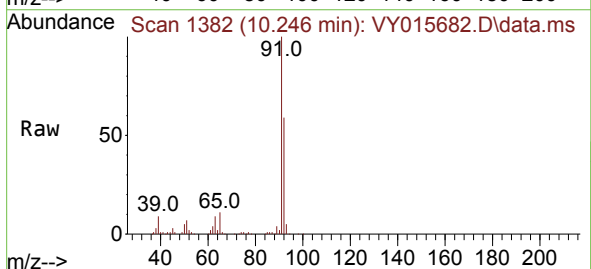
Instrument :
MSVOA_Y
ClientSampleId :

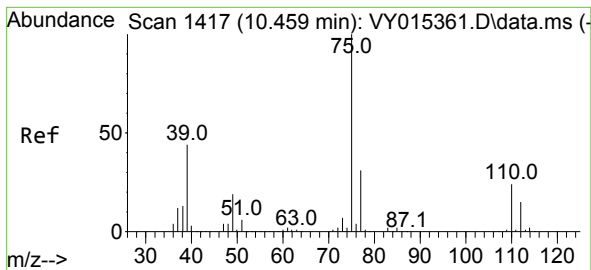
Tgt Ion: 43 Resp: 228664
Ion Ratio Lower Upper
43 100
58 39.3 29.0 43.6



#52
Toluene
Concen: 22.216 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 92 Resp: 88208
Ion Ratio Lower Upper
92 100
91 171.3 143.8 215.6

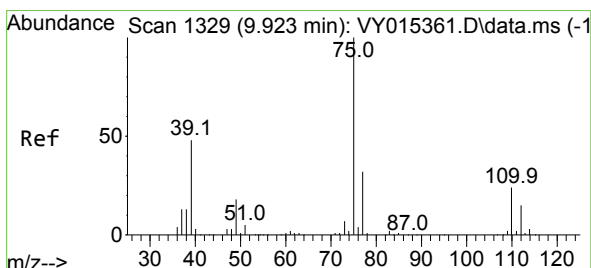
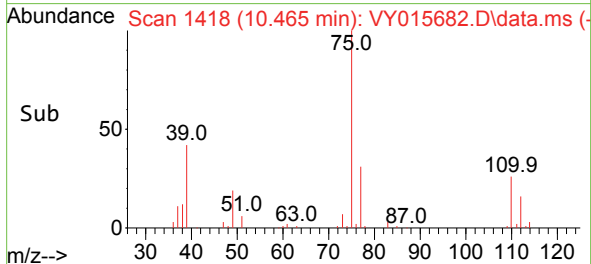
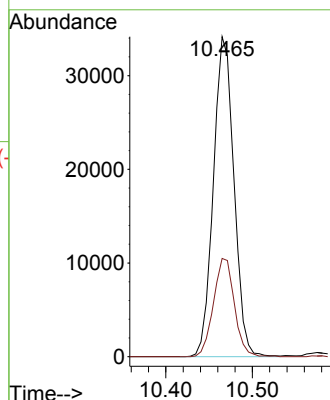
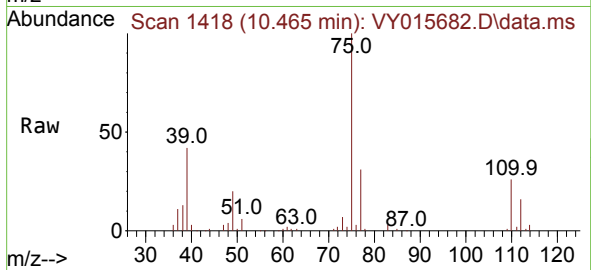




#53
 t-1,3-Dichloropropene
 Concen: 21.443 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015682.D
 Acq: 22 Sep 2023 13:32

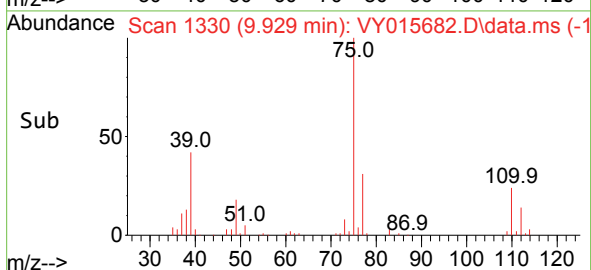
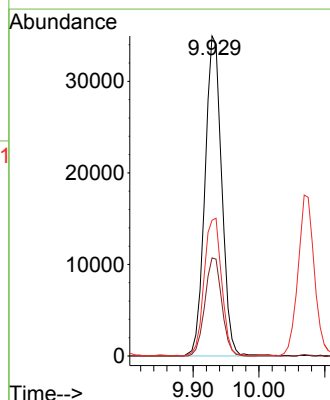
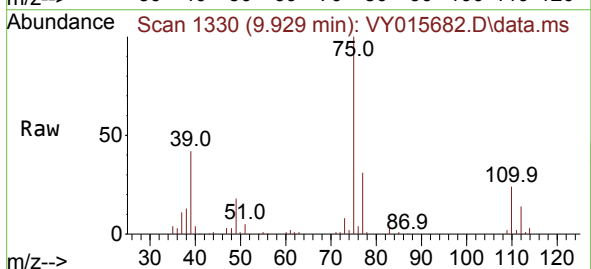
Instrument :
 MSVOA_Y
 ClientSampleId :

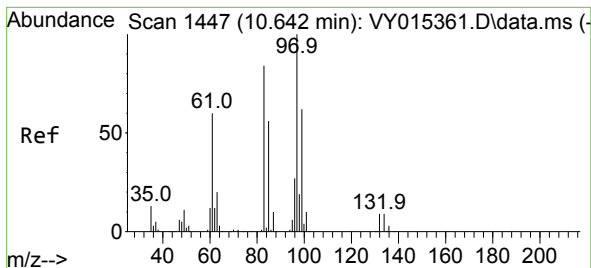
Tgt Ion: 75 Resp: 56309
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.943 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015682.D
 Acq: 22 Sep 2023 13:32

Tgt Ion: 75 Resp: 62026
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.2 36.4
 39 42.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.818 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 35126

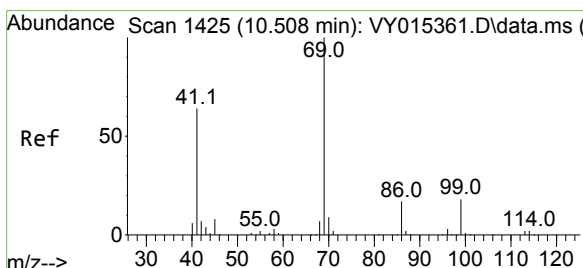
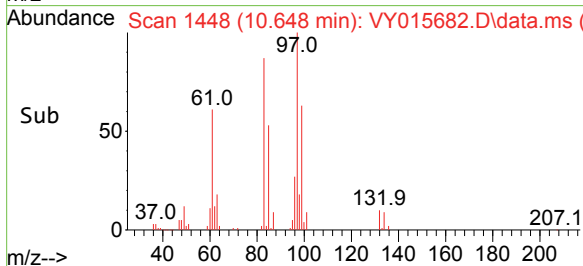
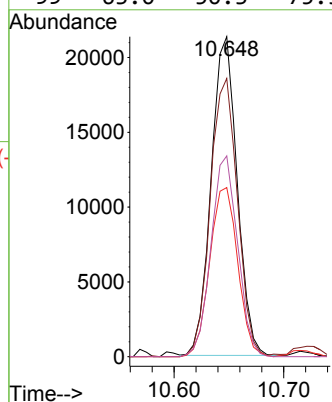
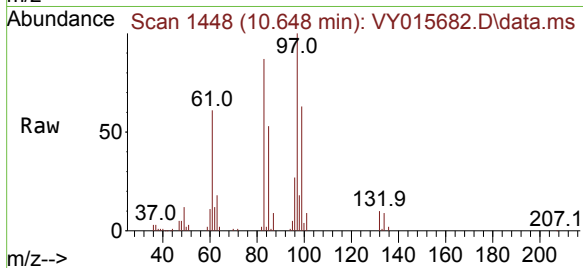
Ion Ratio Lower Upper

97 100

83 87.3 72.0 108.0

85 53.1 45.4 68.0

99 63.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.112 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

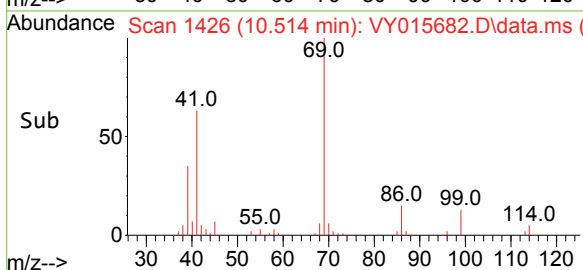
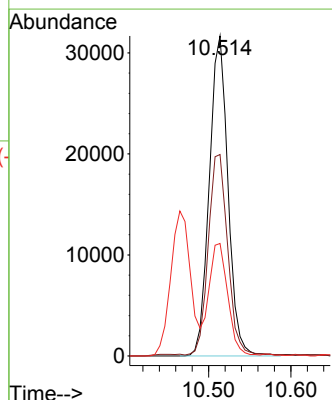
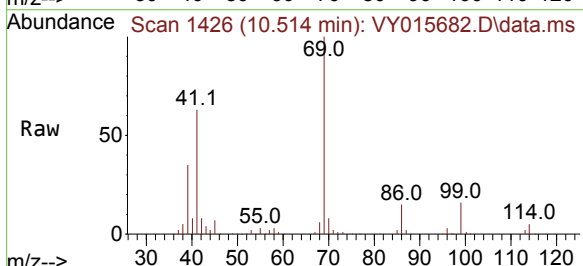
Tgt Ion: 69 Resp: 50090

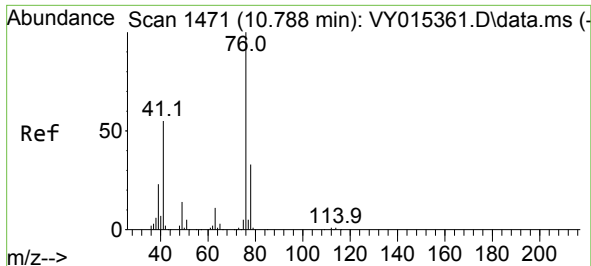
Ion Ratio Lower Upper

69 100

41 64.8 57.6 86.4

39 35.0 34.1 51.1





#57

1,3-Dichloropropane

Concen: 22.073 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

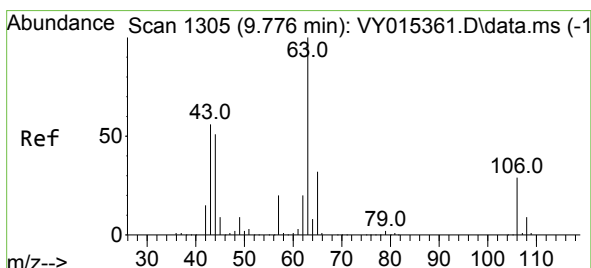
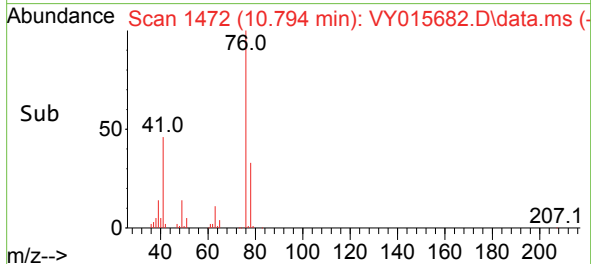
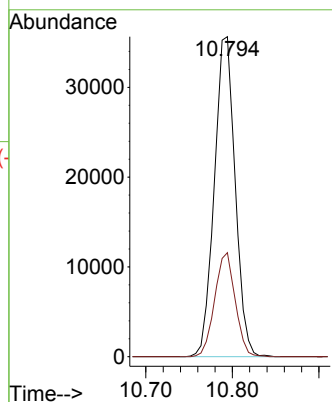
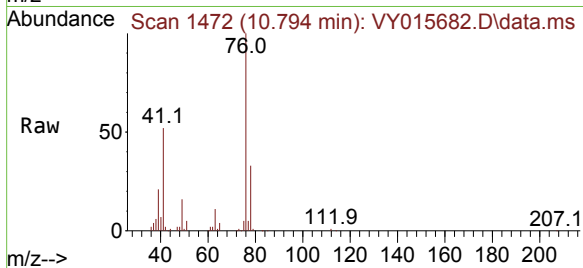
ClientSampleId :

Tgt Ion: 76 Resp: 59596

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 104.472 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015682.D

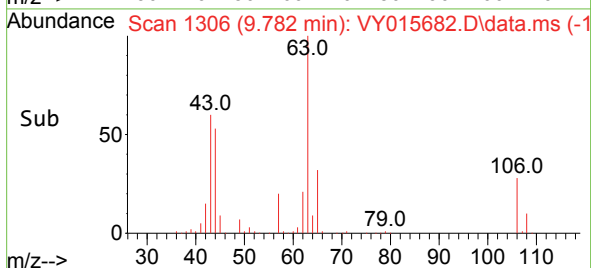
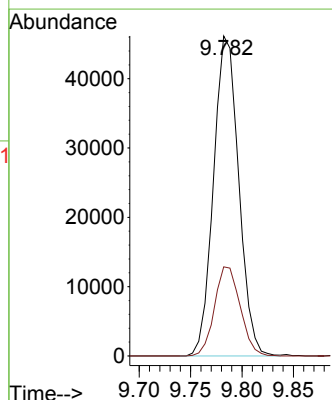
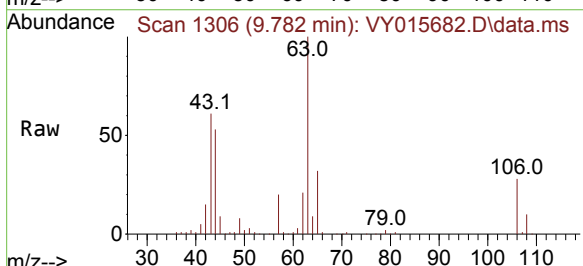
Acq: 22 Sep 2023 13:32

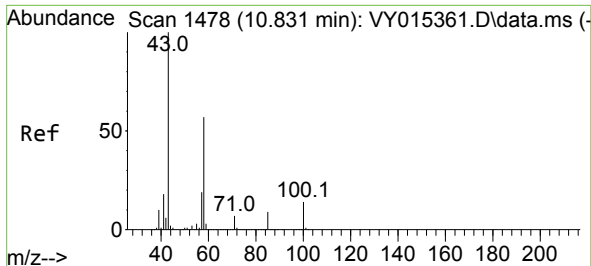
Tgt Ion: 63 Resp: 78735

Ion Ratio Lower Upper

63 100

106 28.4 21.2 31.8

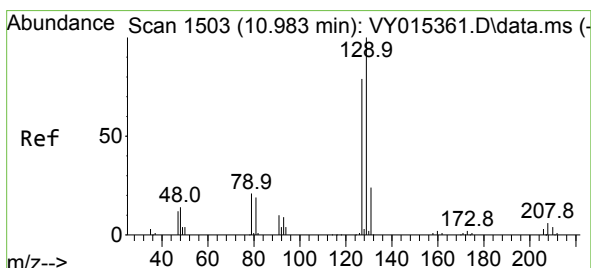
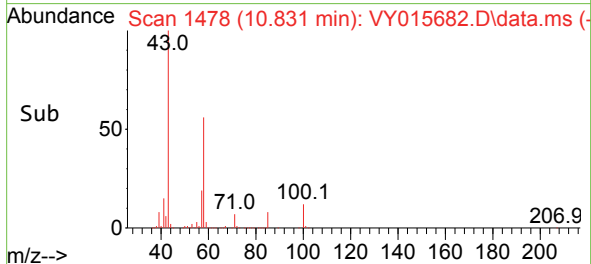
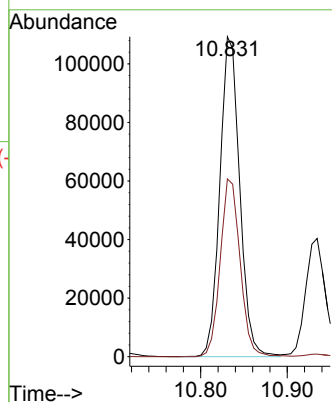
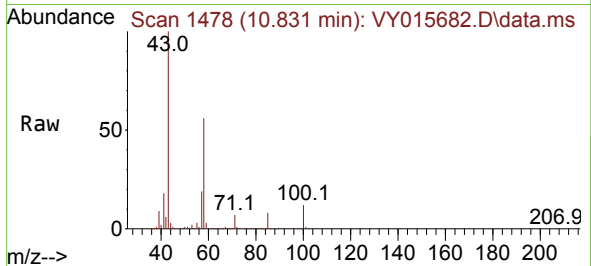




#59
2-Hexanone
Concen: 106.337 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

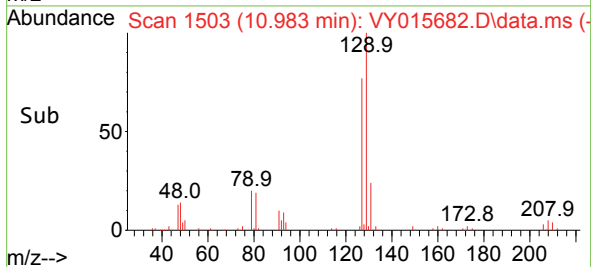
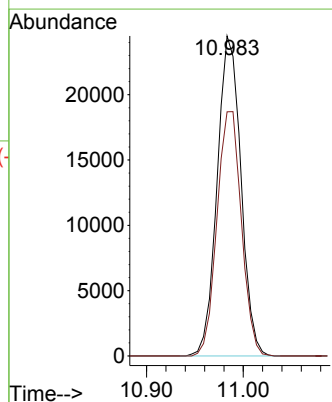
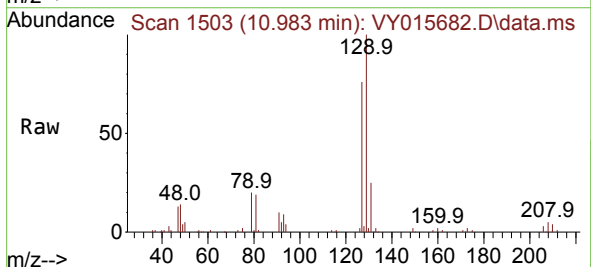
Instrument :
MSVOA_Y
ClientSampleId :

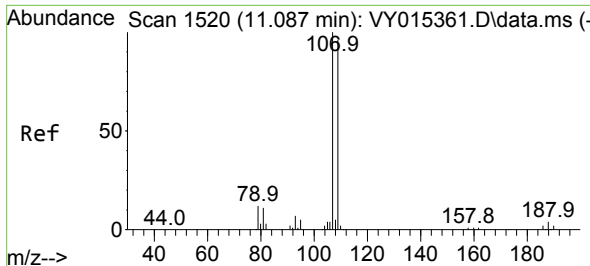
Tgt Ion: 43 Resp: 173998
Ion Ratio Lower Upper
43 100
58 55.6 25.1 75.3



#60
Dibromochloromethane
Concen: 22.185 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion:129 Resp: 41694
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5

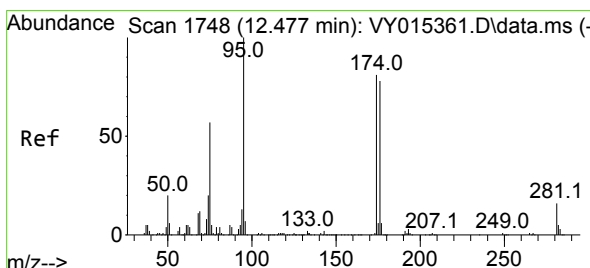
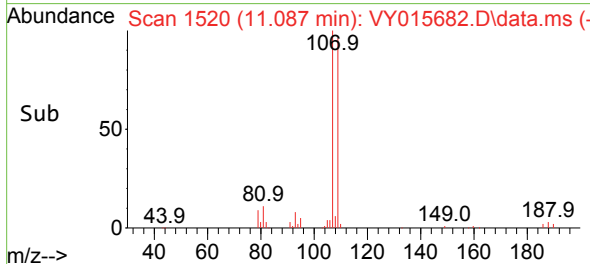
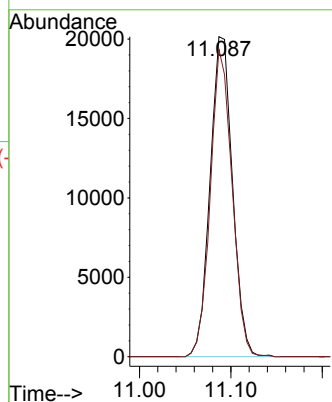
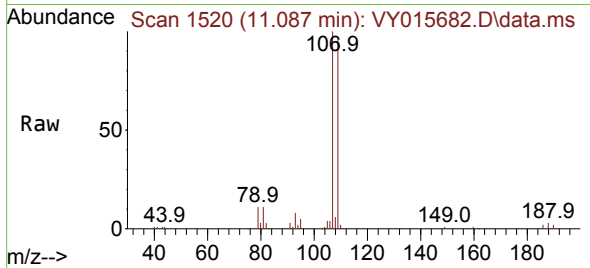




#61
1,2-Dibromoethane
Concen: 21.788 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

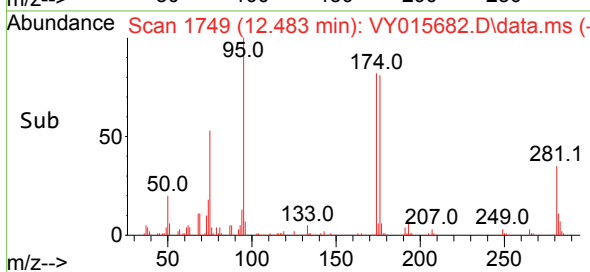
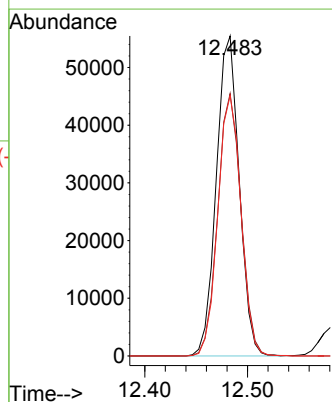
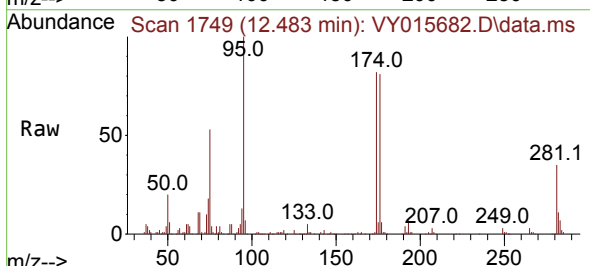
Instrument :
MSVOA_Y
ClientSampleId :

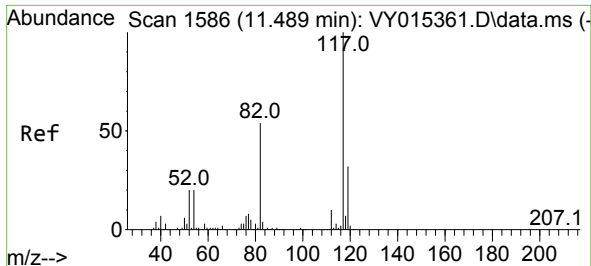
Tgt Ion:107 Resp: 34317
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.152 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

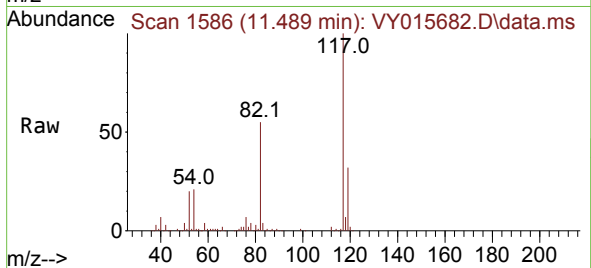
Tgt Ion: 95 Resp: 85694
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 82.3 0.0 173.8



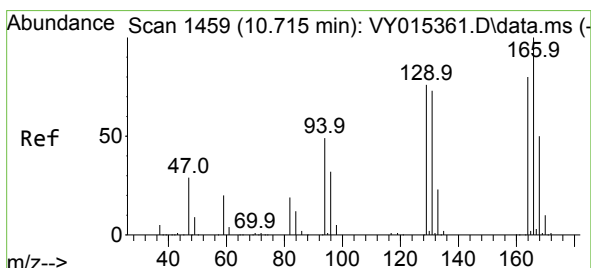
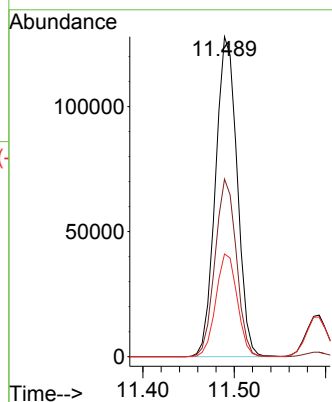
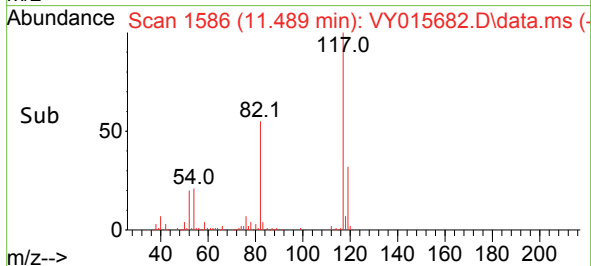


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Instrument :
MSVOA_Y
ClientSampleId :

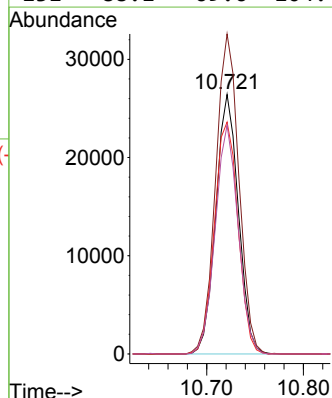
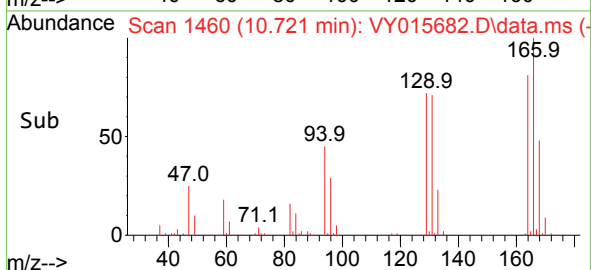
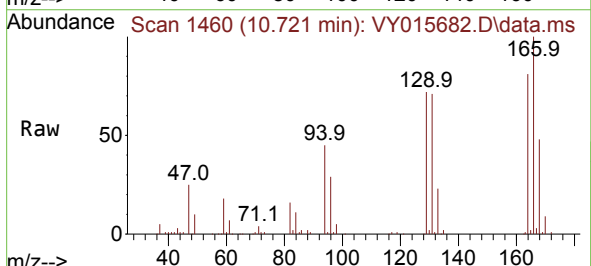


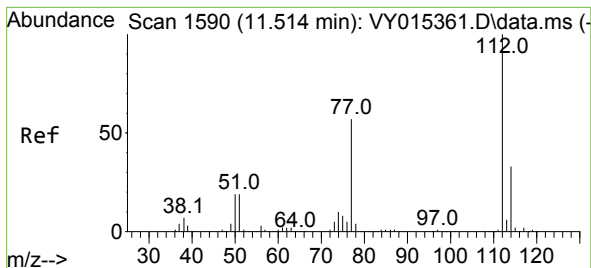
Tgt Ion:117 Resp: 210747
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 23.701 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion:164 Resp: 42855
Ion Ratio Lower Upper
164 100
166 123.3 103.0 154.6
129 89.3 77.2 115.8
131 88.1 69.6 104.4

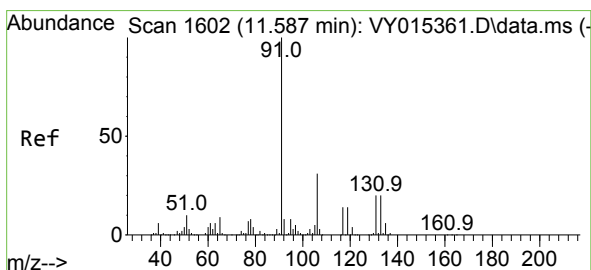
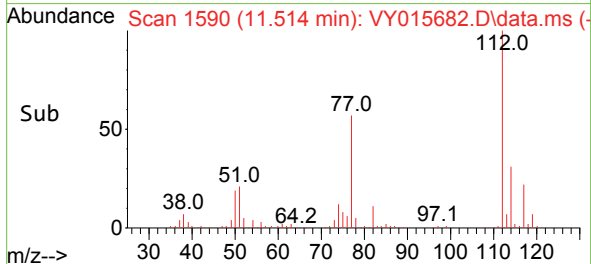
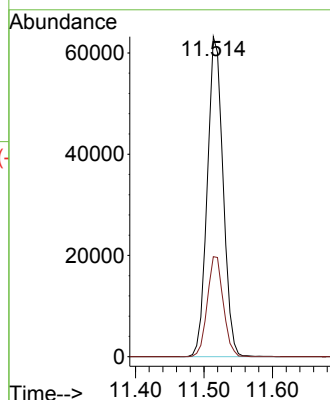
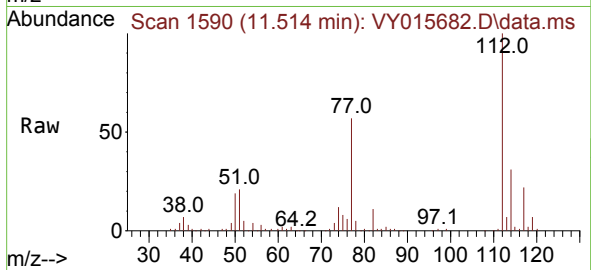




#65
Chlorobenzene
Concen: 22.035 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

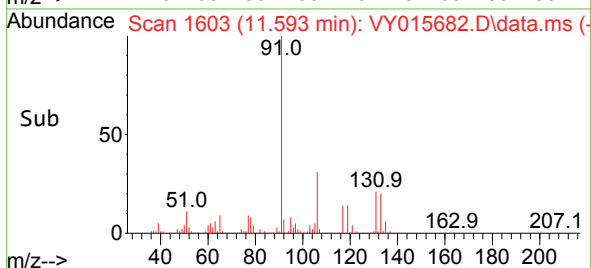
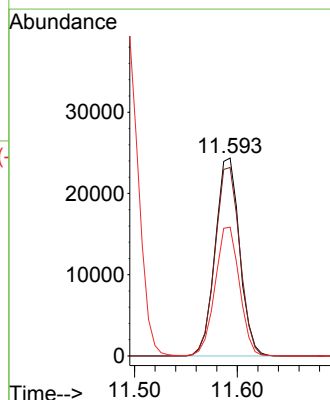
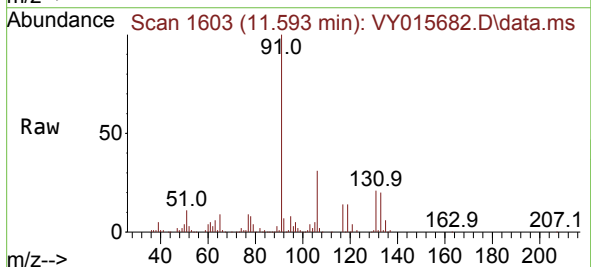
Instrument :
MSVOA_Y
ClientSampleId :

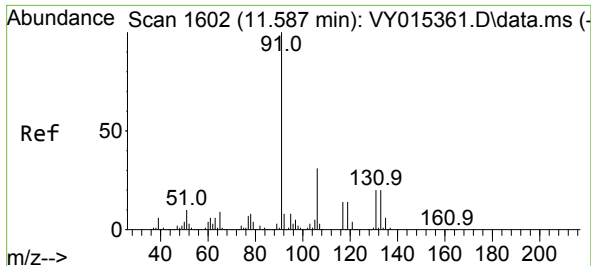
Tgt Ion:112 Resp: 101365
Ion Ratio Lower Upper
112 100
114 31.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.405 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion:131 Resp: 40035
Ion Ratio Lower Upper
131 100
133 97.0 47.5 142.6
119 65.4 31.6 94.7

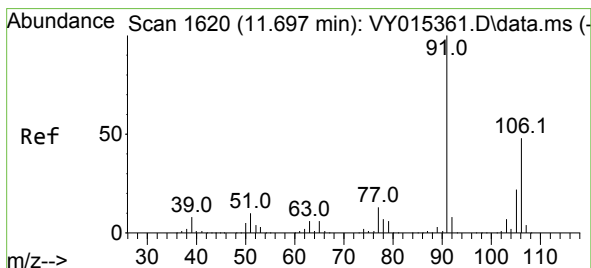
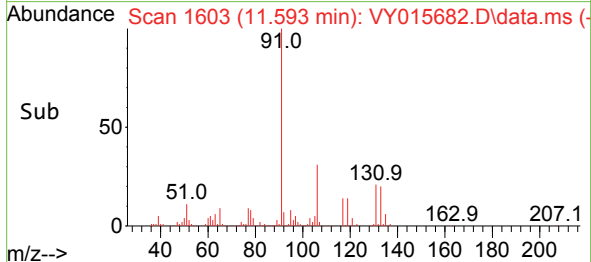
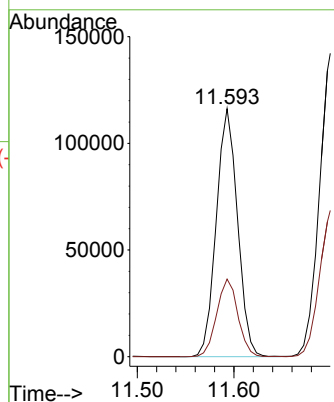
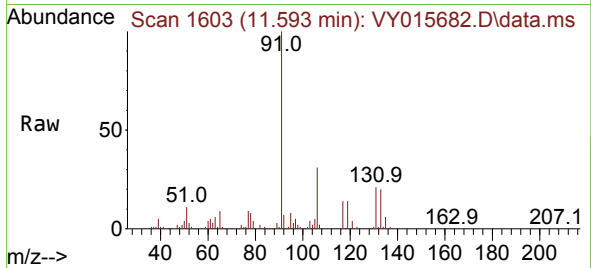




#67
Ethyl Benzene
Concen: 22.005 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

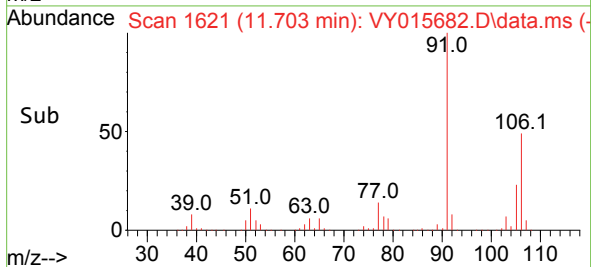
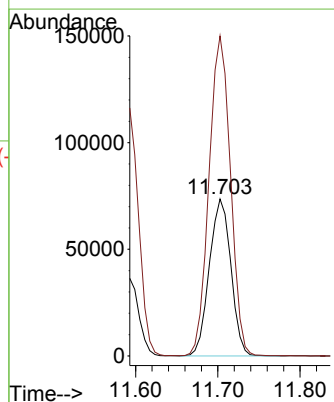
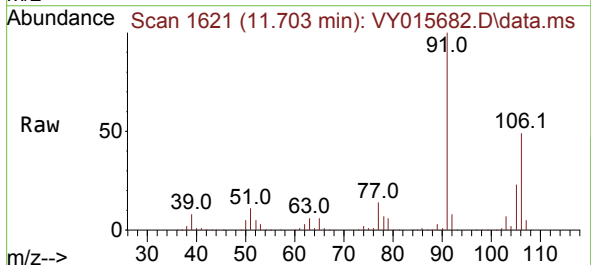
Instrument :
MSVOA_Y
ClientSampleId :

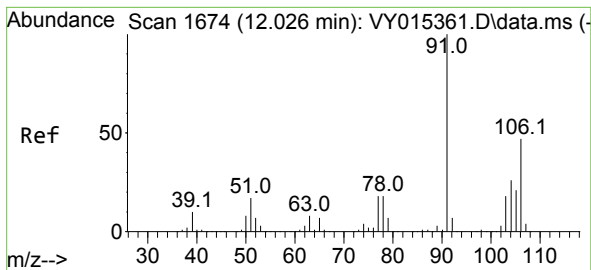
Tgt Ion: 91 Resp: 176932
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 43.898 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion:106 Resp: 134157
Ion Ratio Lower Upper
106 100
91 203.1 166.1 249.1

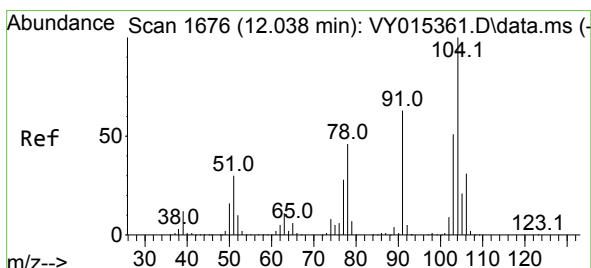
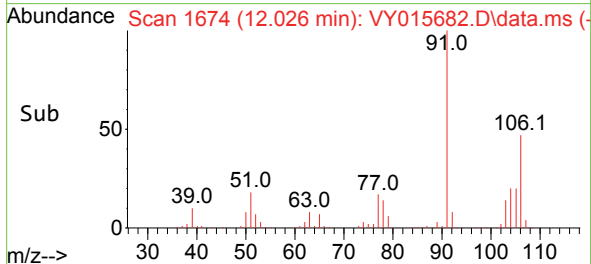
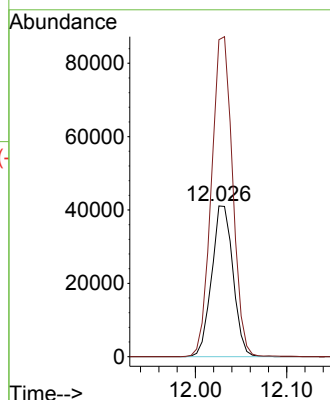
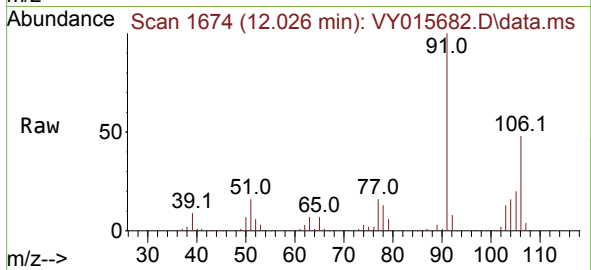




#69
o-Xylene
Concen: 22.229 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

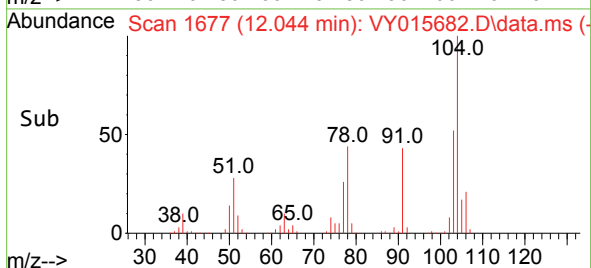
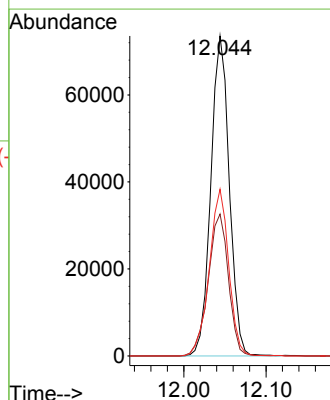
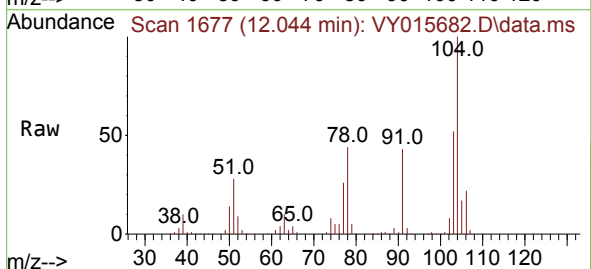
Instrument :
MSVOA_Y
ClientSampleId :

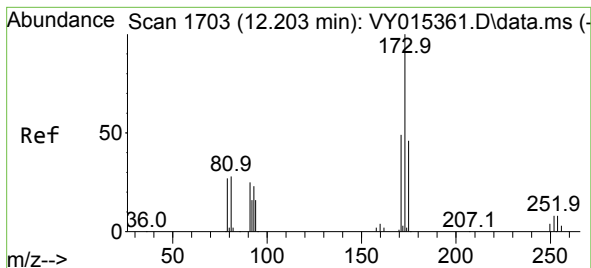
Tgt Ion:106 Resp: 66615
Ion Ratio Lower Upper
106 100
91 210.5 108.1 324.3



#70
Styrene
Concen: 22.412 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion:104 Resp: 114965
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 54.9 44.6 67.0





#71

Bromoform

Concen: 21.981 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

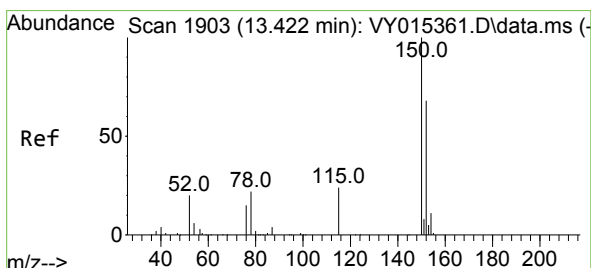
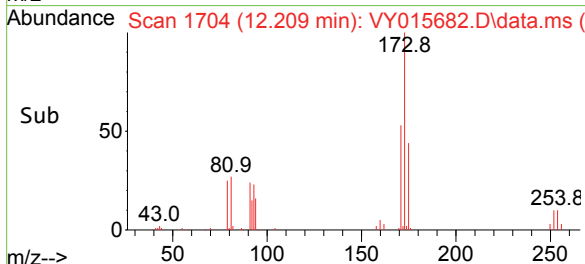
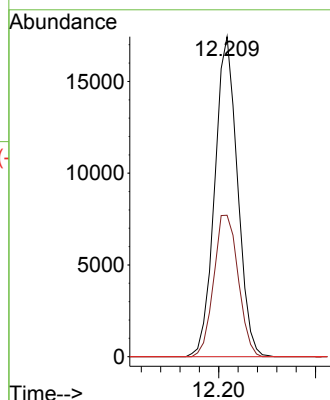
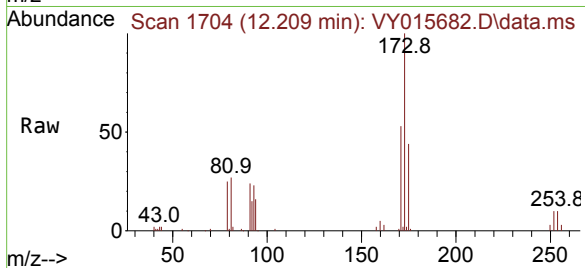
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 28463

Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.6	73.8
254	0.0	0.2	0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

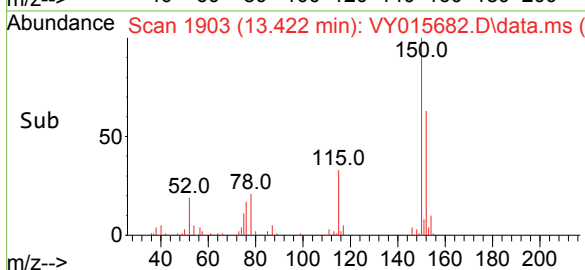
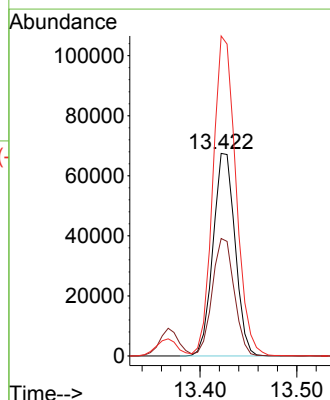
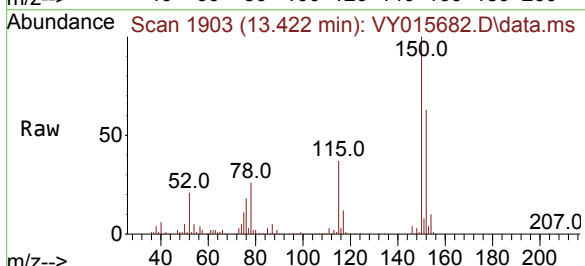
Delta R.T. -0.000 min

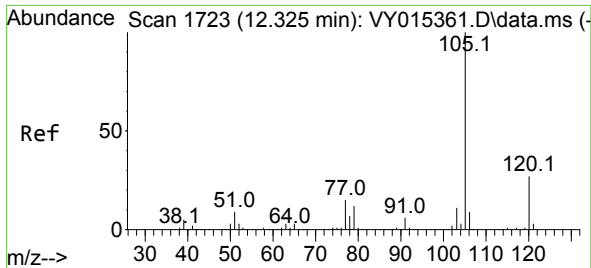
Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Tgt Ion:152 Resp: 106726

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.8	86.5
150	165.1	0.0	348.8

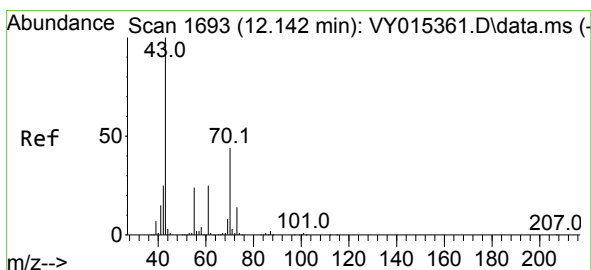
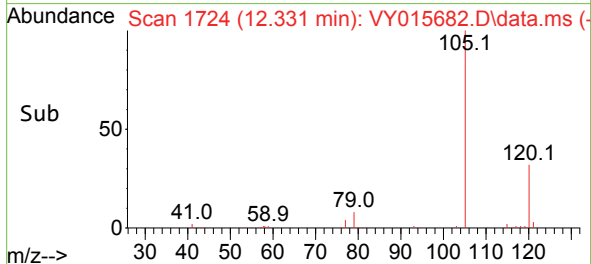
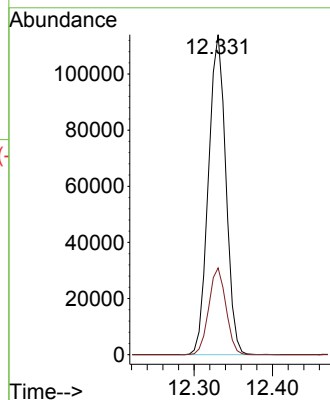
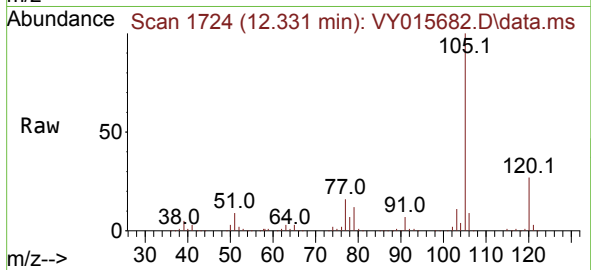




#73
Isopropylbenzene
Concen: 21.932 ug/l
RT: 12.331 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

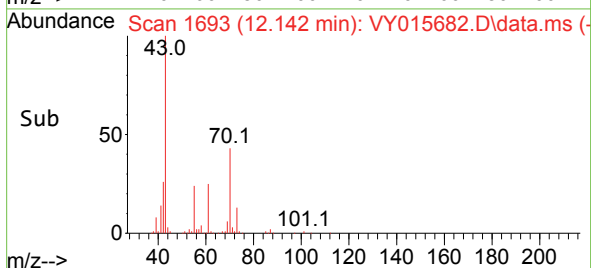
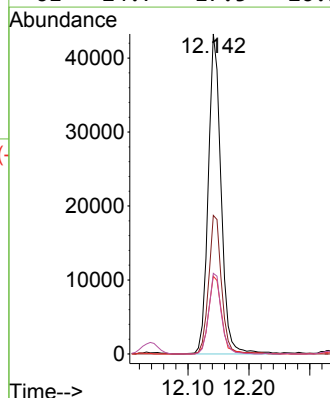
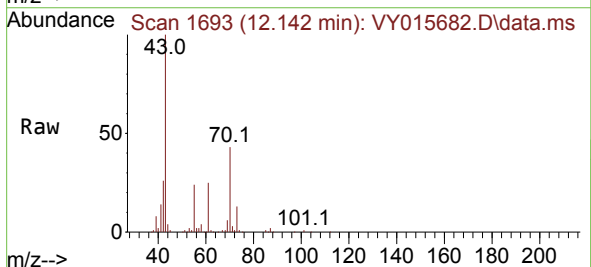
Instrument :
MSVOA_Y
ClientSampleId :

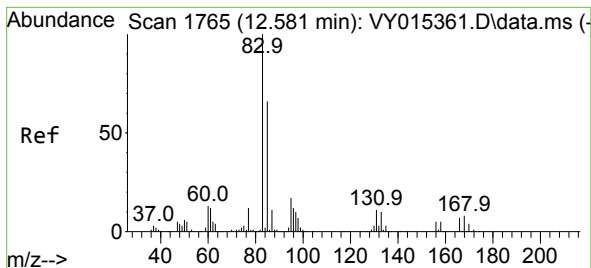
Tgt Ion:105 Resp: 175595
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 21.019 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 43 Resp: 63248
Ion Ratio Lower Upper
43 100
70 43.5 29.7 44.5
55 25.0 18.3 27.5
61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.343 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

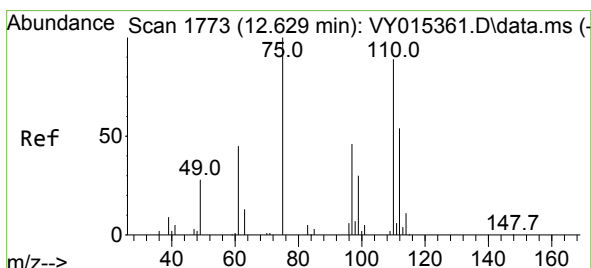
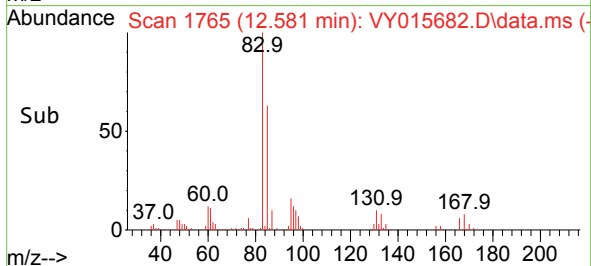
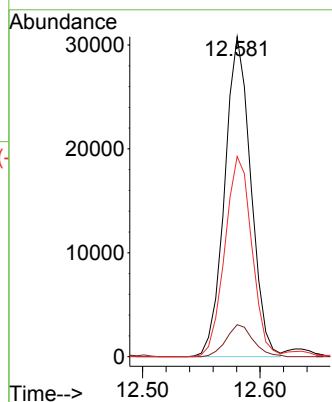
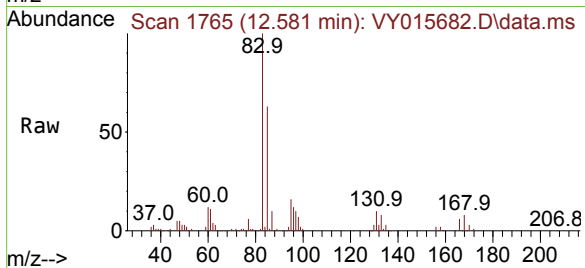
Tgt Ion: 83 Resp: 47558

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.328 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015682.D

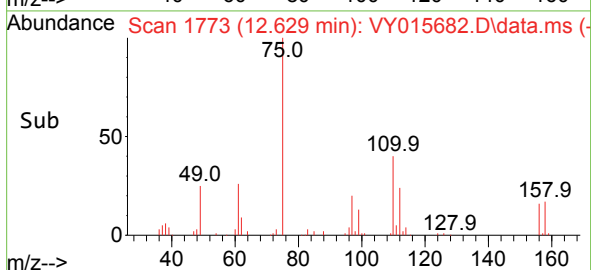
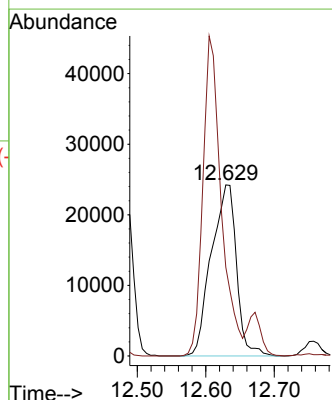
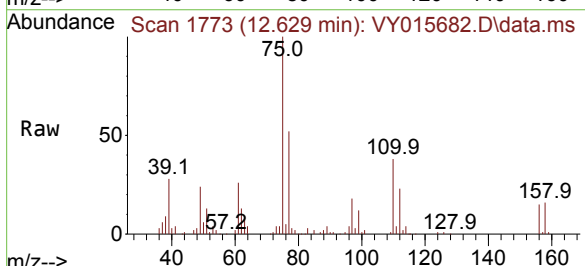
Acq: 22 Sep 2023 13:32

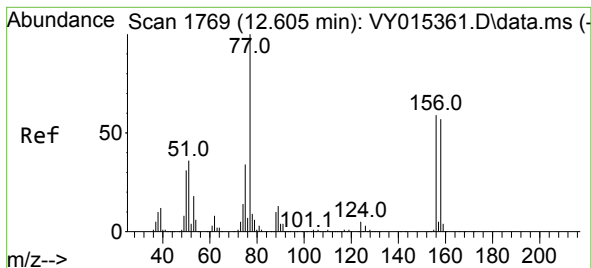
Tgt Ion: 75 Resp: 61854

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.592 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY015682.D

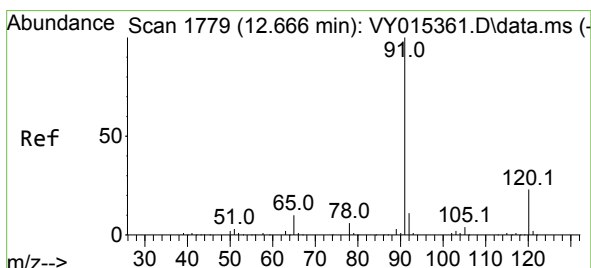
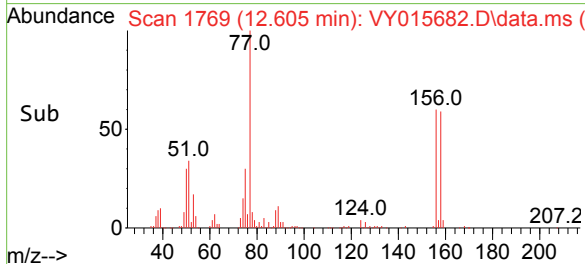
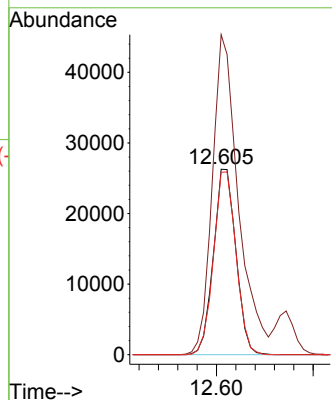
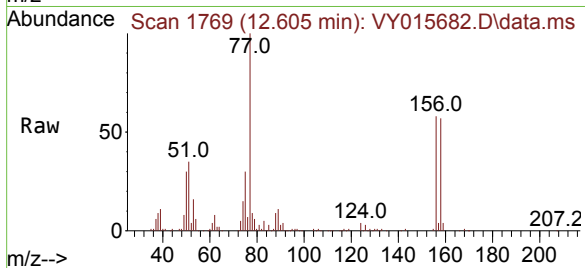
Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	42434
Ion	Ratio	Lower	Upper
156	100		
77	199.6	92.8	278.6
158	98.5	48.4	145.3



#78

n-propylbenzene

Concen: 21.918 ug/l

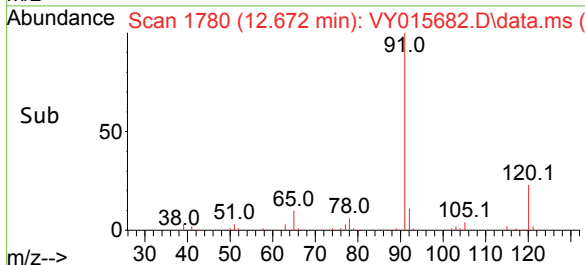
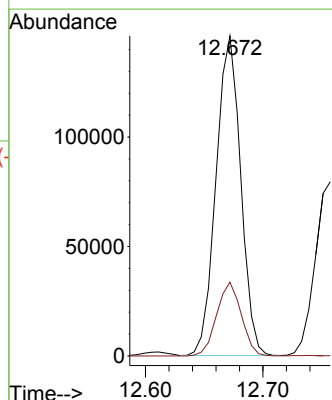
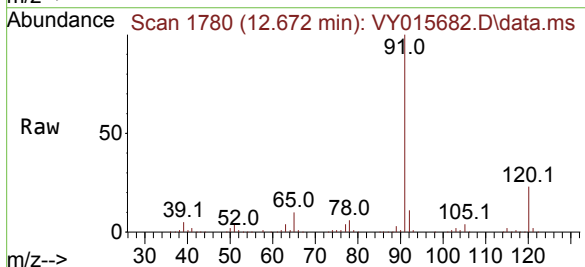
RT: 12.672 min Scan# 1780

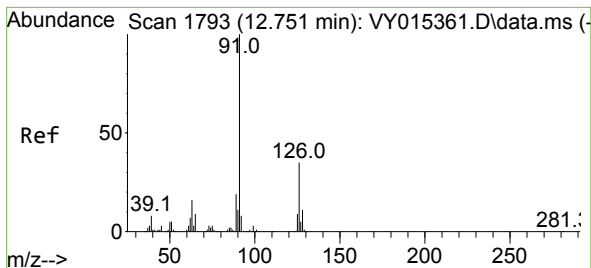
Delta R.T. 0.006 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Tgt Ion:	91	Resp:	213190
Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.4

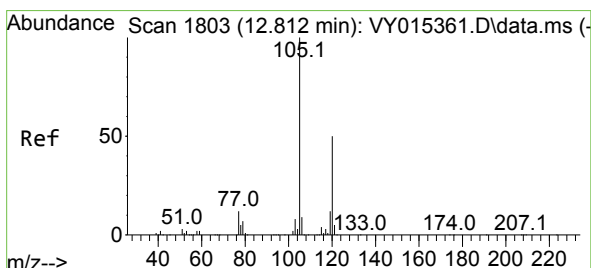
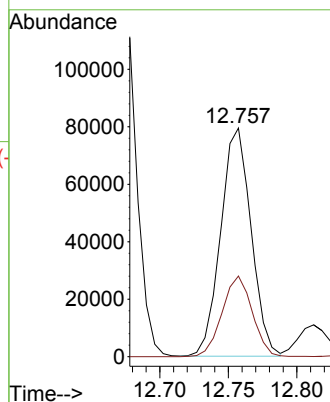
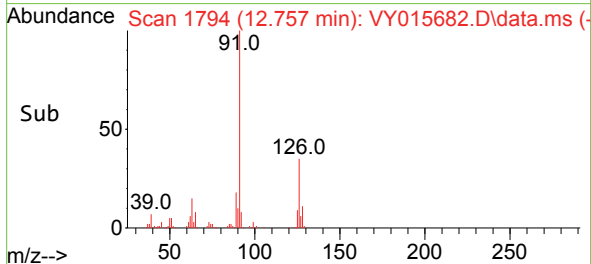
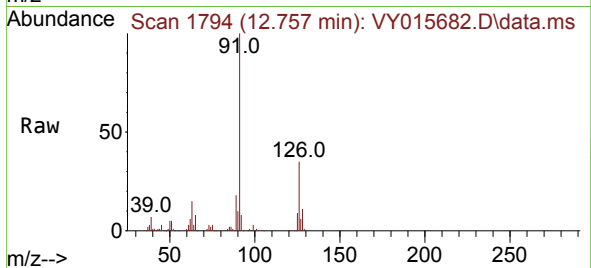




#79
2-Chlorotoluene
Concen: 22.103 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

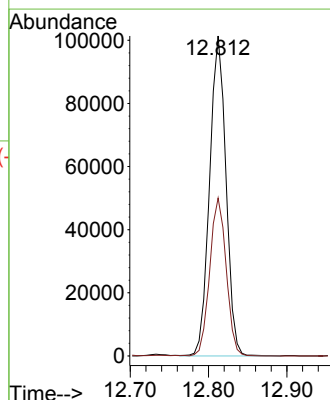
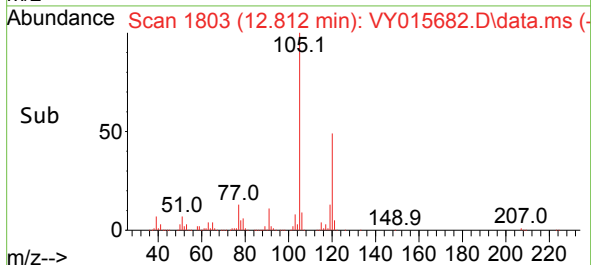
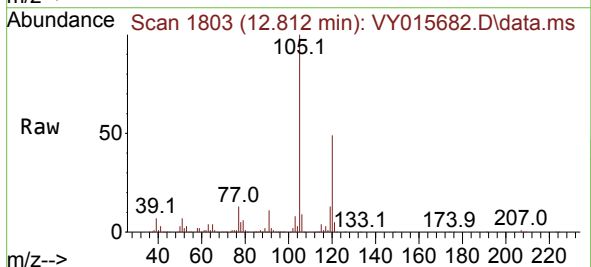
Instrument :
MSVOA_Y
ClientSampleId :

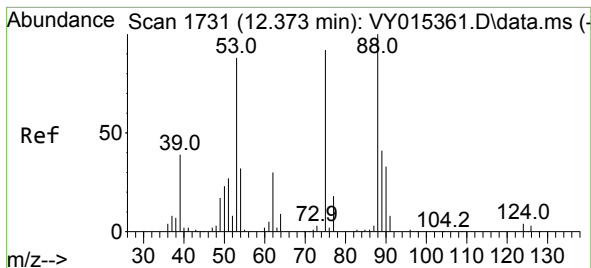
Tgt Ion: 91 Resp: 122544
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 21.942 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 105 Resp: 147070
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7

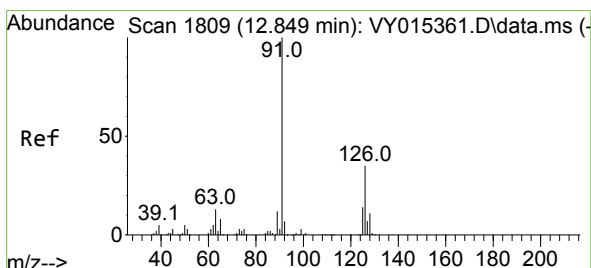
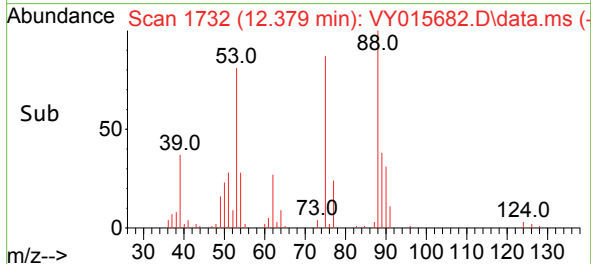
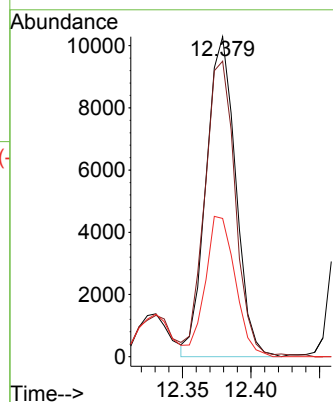
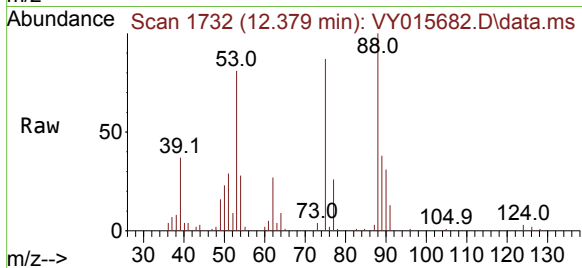




#81
trans-1,4-Dichloro-2-butene
Concen: 20.405 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

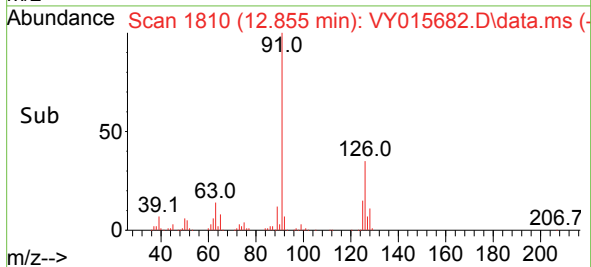
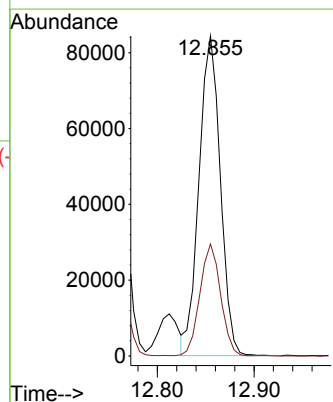
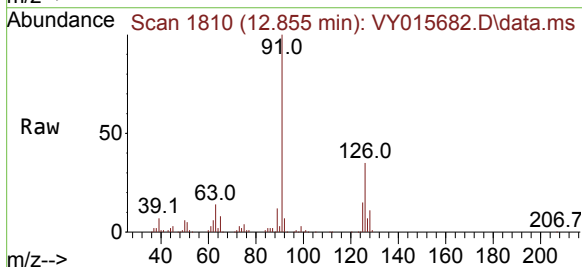
Instrument :
MSVOA_Y
ClientSampleId :

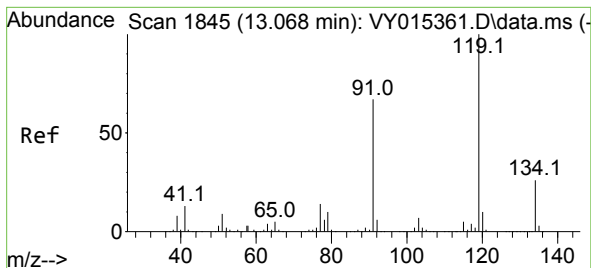
Tgt Ion: 75 Resp: 15428
Ion Ratio Lower Upper
75 100
53 95.6 77.8 116.8
89 44.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 22.319 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015682.D
Acq: 22 Sep 2023 13:32

Tgt Ion: 91 Resp: 129182
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 22.393 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

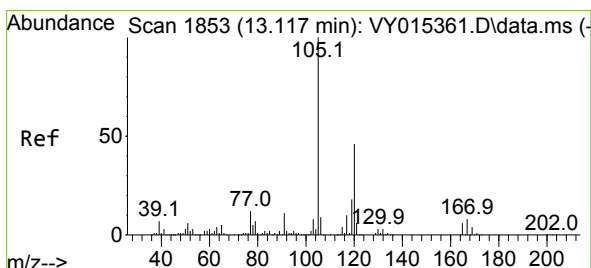
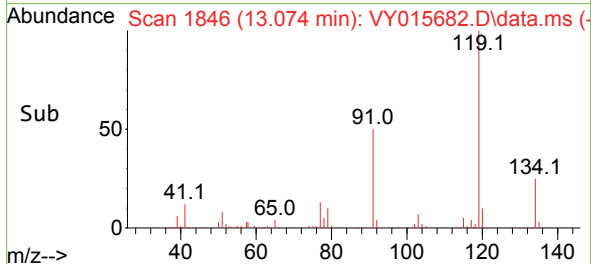
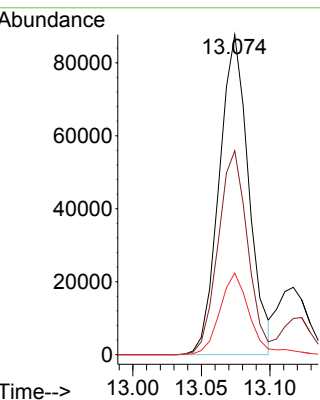
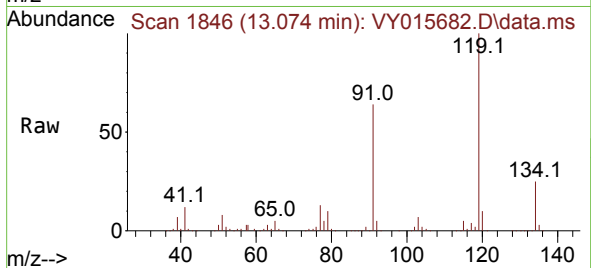
Tgt Ion:119 Resp: 131453

Ion Ratio Lower Upper

119 100

91 63.7 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.256 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015682.D

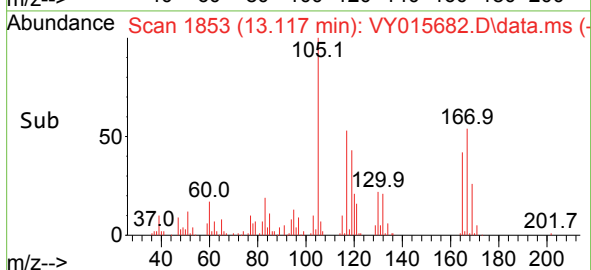
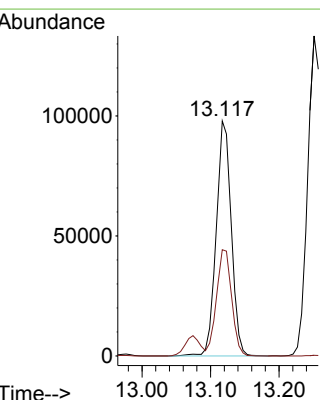
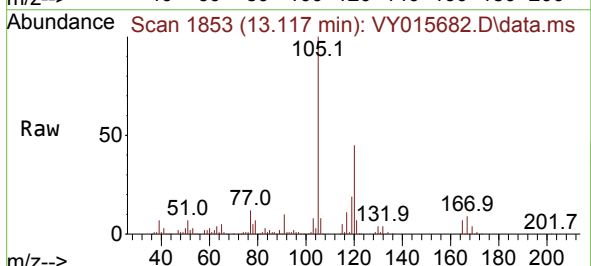
Acq: 22 Sep 2023 13:32

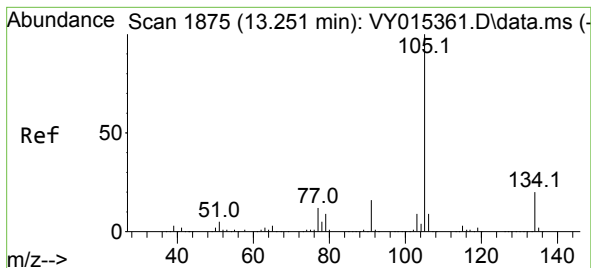
Tgt Ion:105 Resp: 149256

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 22.338 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

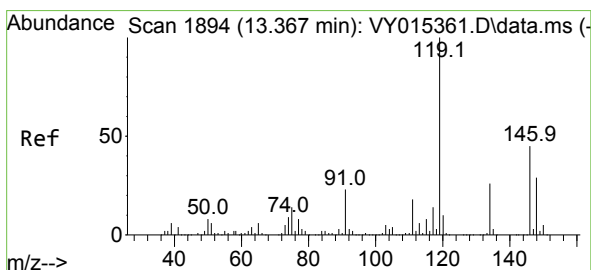
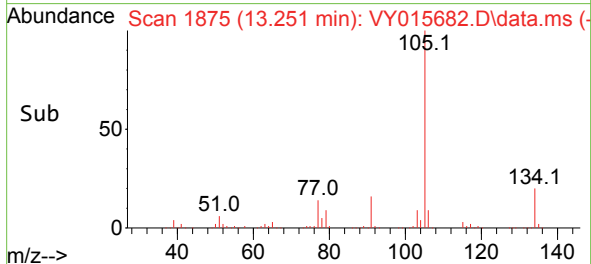
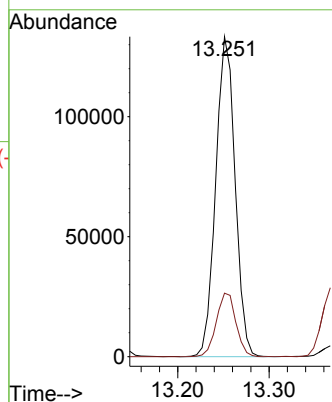
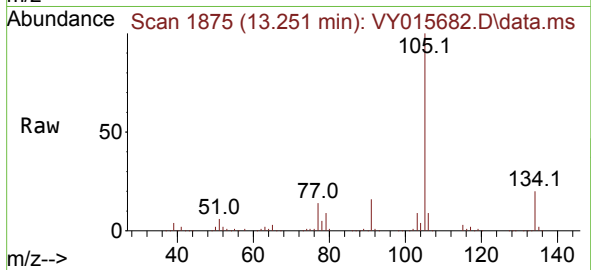
ClientSampleId :

Tgt Ion:105 Resp: 196243

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 22.185 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

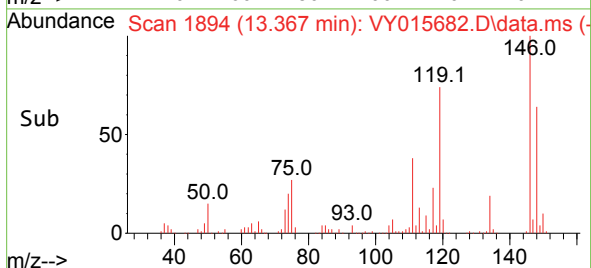
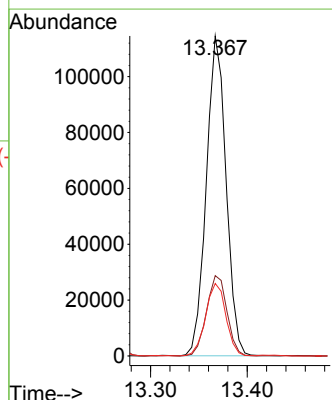
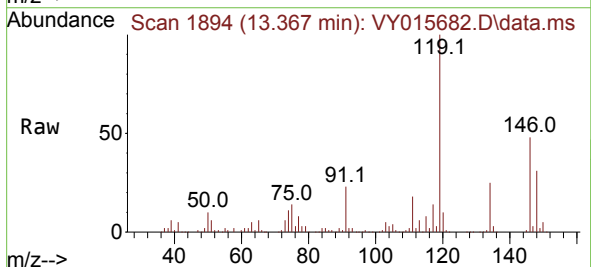
Tgt Ion:119 Resp: 162806

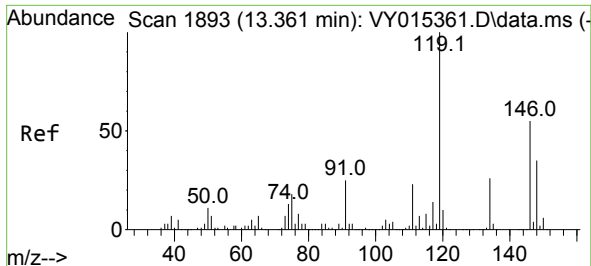
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 23.2 12.4 37.4

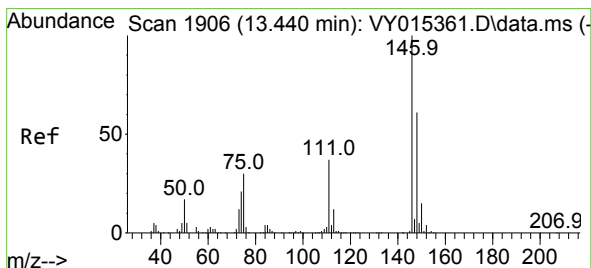
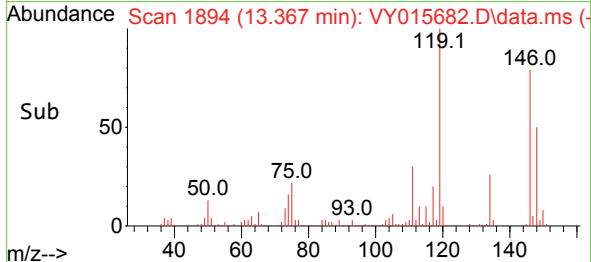
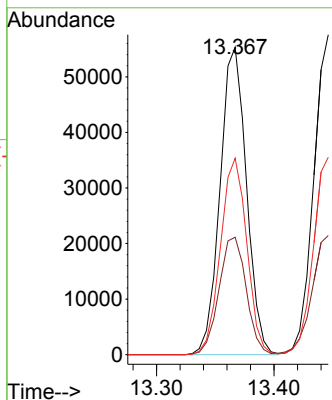
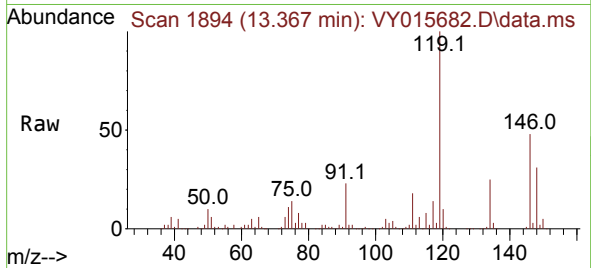




#87
 1,3-Dichlorobenzene
 Concen: 22.157 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY015682.D
 Acq: 22 Sep 2023 13:32

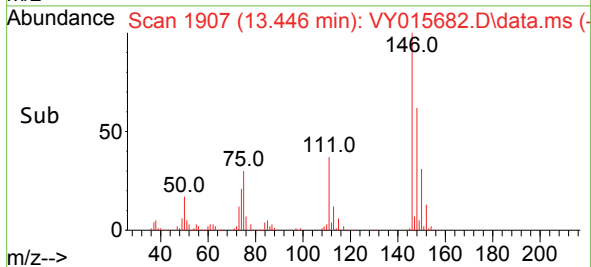
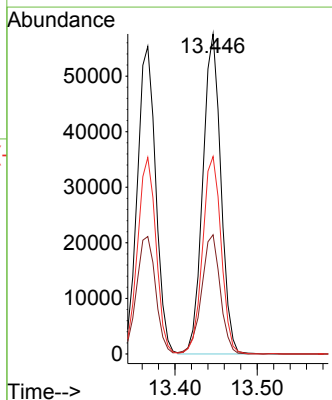
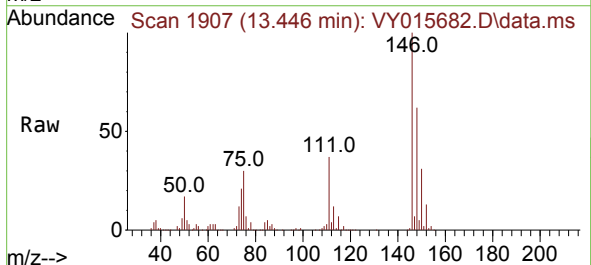
Instrument :
 MSVOA_Y
 ClientSampleId :

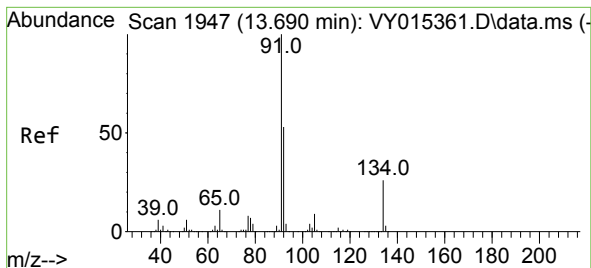
Tgt Ion:146 Resp: 86388
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.4 58.2
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 22.519 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015682.D
 Acq: 22 Sep 2023 13:32

Tgt Ion:146 Resp: 87811
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.9 56.7
 148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 21.991 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

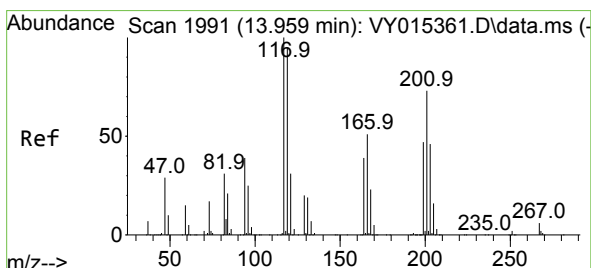
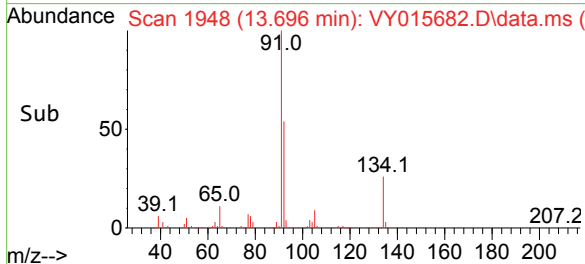
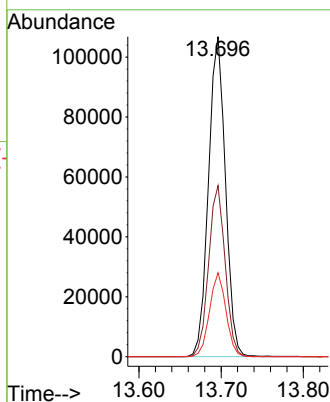
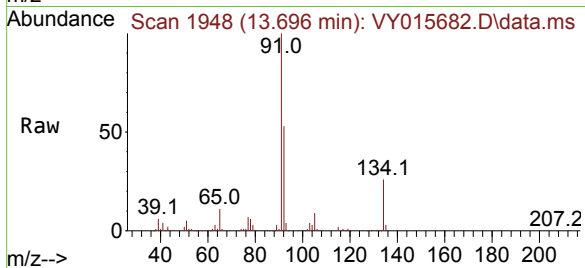
Tgt Ion: 91 Resp: 152815

Ion Ratio Lower Upper

91 100

92 52.3 25.4 76.0

134 25.5 12.6 37.6



#90

Hexachloroethane

Concen: 21.990 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY015682.D

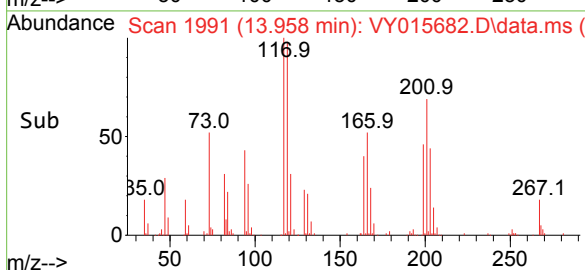
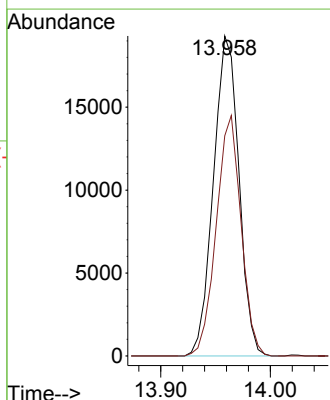
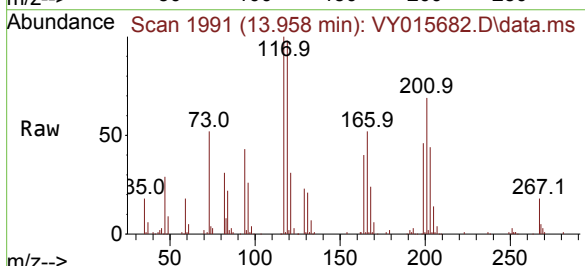
Acq: 22 Sep 2023 13:32

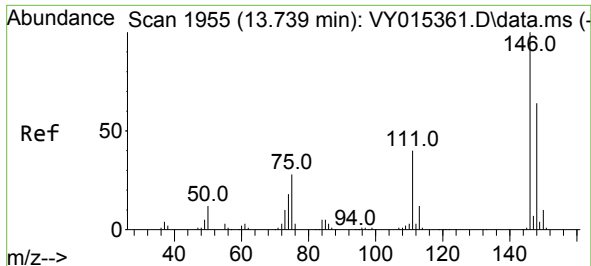
Tgt Ion: 117 Resp: 31144

Ion Ratio Lower Upper

117 100

201 73.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.350 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

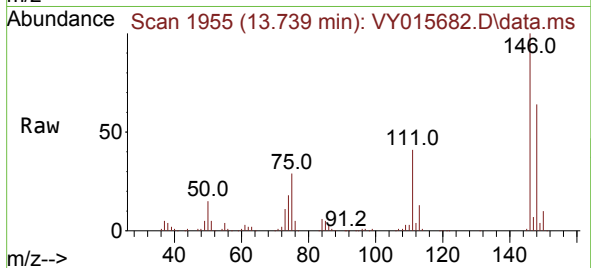
Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :



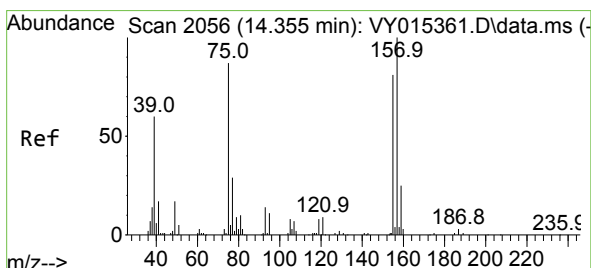
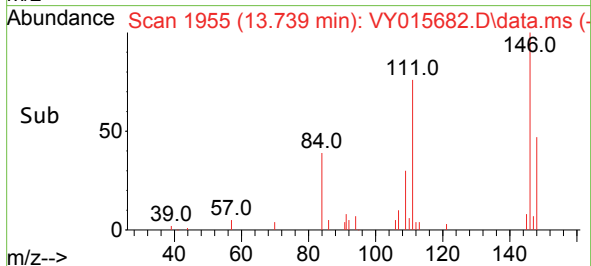
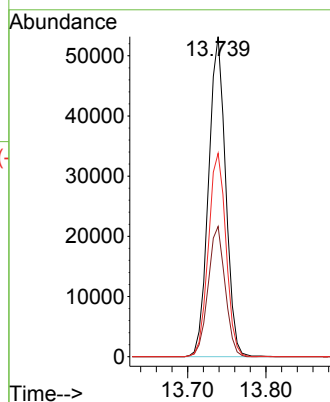
Tgt Ion:146 Resp: 80441

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.0

148 65.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.004 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

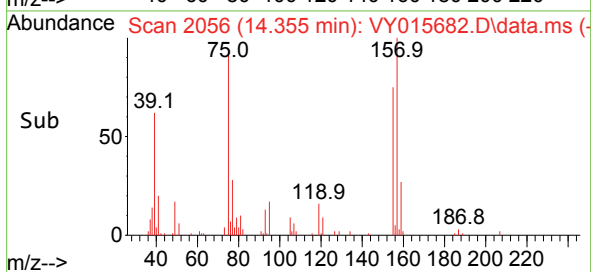
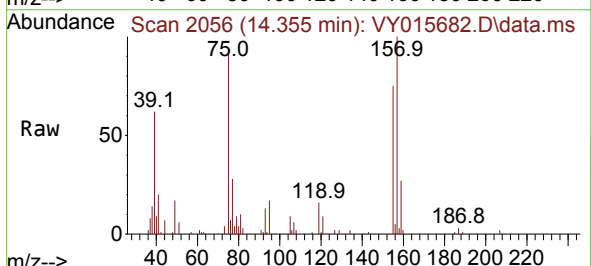
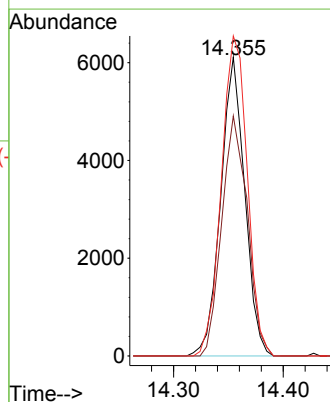
Tgt Ion: 75 Resp: 9295

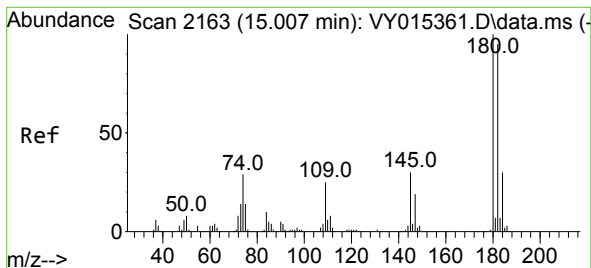
Ion Ratio Lower Upper

75 100

155 85.6 41.5 124.6

157 115.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.894 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

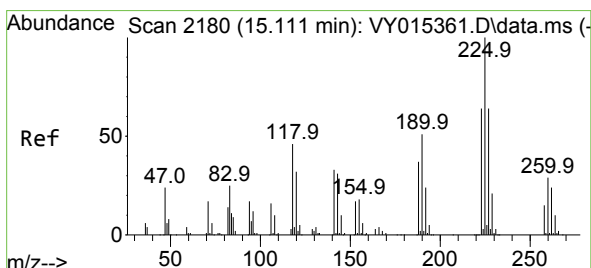
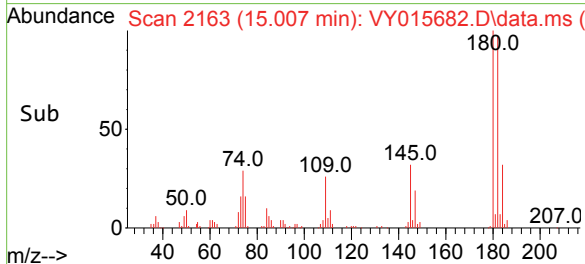
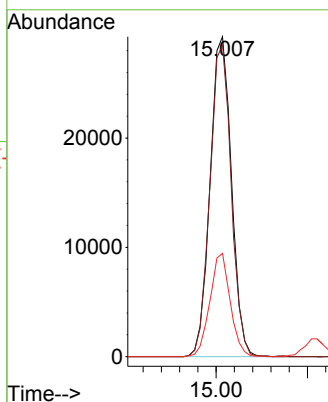
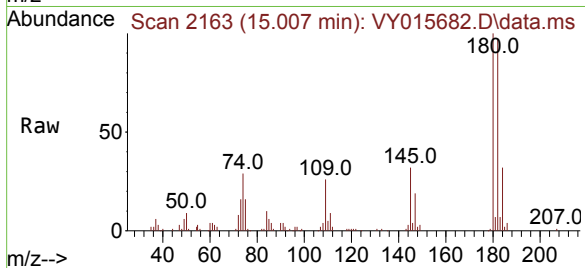
Tgt Ion:180 Resp: 47341

Ion Ratio Lower Upper

180 100

182 96.9 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.970 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

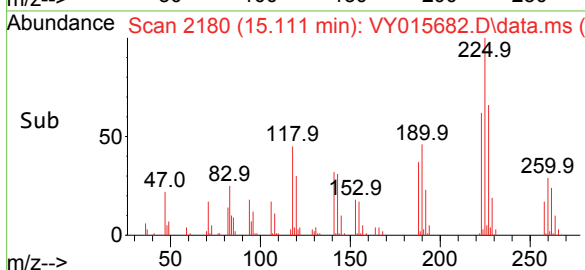
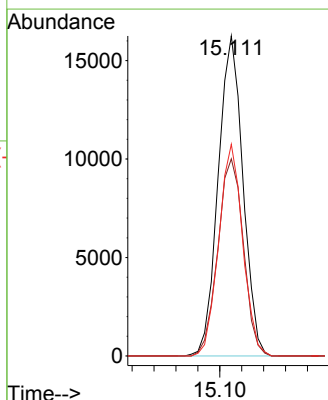
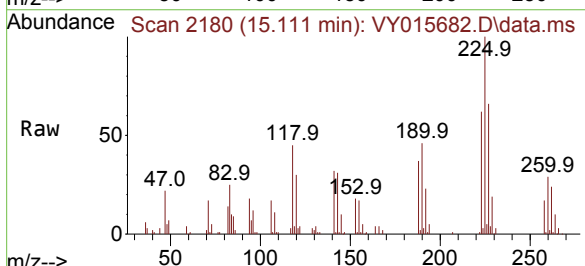
Tgt Ion:225 Resp: 25492

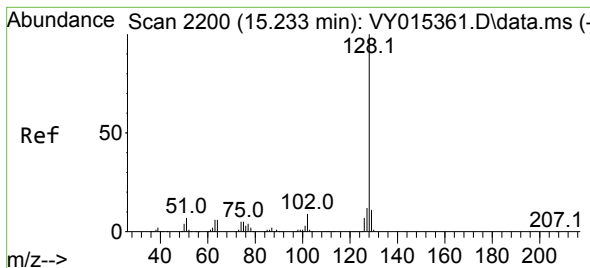
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 64.0 33.0 98.9





#95

Naphthalene

Concen: 20.473 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.001 min

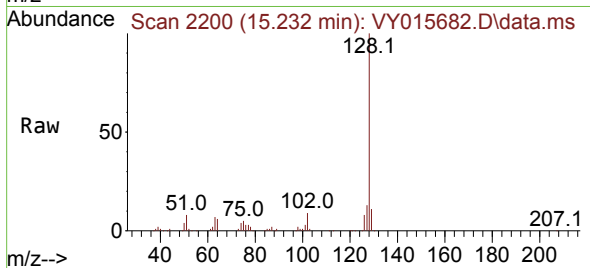
Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :



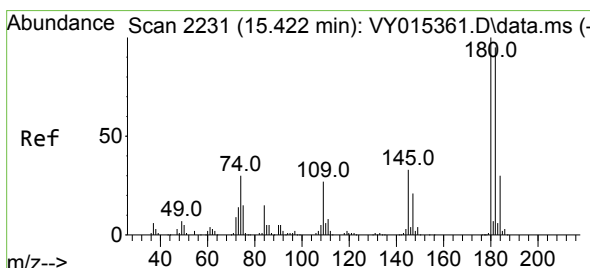
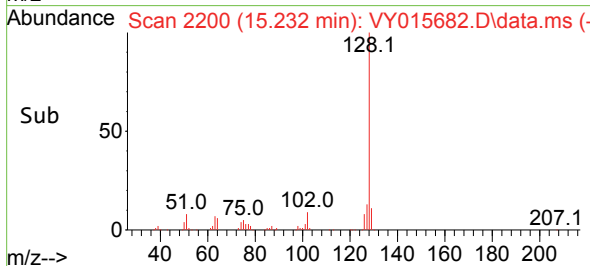
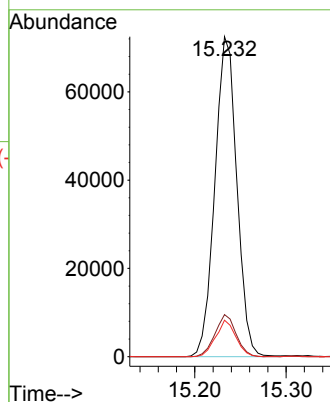
Tgt Ion:128 Resp: 120956

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.090 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.001 min

Lab File: VY015682.D

Acq: 22 Sep 2023 13:32

Tgt Ion:180 Resp: 44105

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 32.5 15.4 46.2

