

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016122.D
 Acq On : 30 Oct 2023 09:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 01:25:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	226140	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	366057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	320193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113818	50.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.240%
35) Dibromofluoromethane	7.728	113	114004	49.333	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.660%
50) Toluene-d8	10.185	98	427018	49.885	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.780%
62) 4-Bromofluorobenzene	12.483	95	147019	50.070	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.140%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	69921	44.801	ug/l	98
3) Chloromethane	2.119	50	85913	44.923	ug/l	98
4) Vinyl Chloride	2.259	62	99916	45.733	ug/l	97
5) Bromomethane	2.662	94	74080	45.618	ug/l	95
6) Chloroethane	2.802	64	67796	45.303	ug/l	93
7) Trichlorofluoromethane	3.137	101	157655	45.092	ug/l	98
8) Diethyl Ether	3.540	74	52998	45.226	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.912	101	92625	43.916	ug/l	97
10) Methyl Iodide	4.107	142	124945	46.362	ug/l	97
11) Tert butyl alcohol	4.966	59	45255	175.739	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	87280	45.167	ug/l	90
13) Acrolein	3.741	56	54174	193.431	ug/l	98
14) Allyl chloride	4.491	41	134933	44.669	ug/l #	95
15) Acrylonitrile	5.173	53	133218	231.735	ug/l	98
16) Acetone	3.954	43	157181	257.890	ug/l	92
17) Carbon Disulfide	4.210	76	234582	43.886	ug/l	100
18) Methyl Acetate	4.491	43	97395	45.197	ug/l #	89
19) Methyl tert-butyl Ether	5.234	73	265552	48.188	ug/l	97
20) Methylene Chloride	4.728	84	105096	43.536	ug/l	89
21) trans-1,2-Dichloroethene	5.234	96	101894	45.489	ug/l	95
22) Diisopropyl ether	6.131	45	305180	46.203	ug/l	90
23) Vinyl Acetate	6.070	43	834802	235.886	ug/l #	94
24) 1,1-Dichloroethane	6.033	63	181161	45.524	ug/l	96
25) 2-Butanone	6.996	43	199253	242.224	ug/l #	89
26) 2,2-Dichloropropane	6.990	77	173379	46.868	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	121003	45.998	ug/l	93
28) Bromochloromethane	7.344	49	72432	44.491	ug/l	87
29) Tetrahydrofuran	7.356	42	108731	230.374	ug/l	90
30) Chloroform	7.515	83	193422	46.012	ug/l	97
31) Cyclohexane	7.795	56	150954	42.671	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	173069	45.899	ug/l	97
36) 1,1-Dichloropropene	7.929	75	143612	44.583	ug/l	98
37) Ethyl Acetate	7.082	43	76916	46.585	ug/l #	96
38) Carbon Tetrachloride	7.911	117	157025	46.097	ug/l	99
39) Methylcyclohexane	9.191	83	175688	44.770	ug/l	92
40) Benzene	8.167	78	413959	45.390	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	34844	40.324	ug/l	91
42) 1,2-Dichloroethane	8.246	62	125179	47.502	ug/l	94
43) Isopropyl Acetate	8.277	43	144552	46.825	ug/l #	92
44) Trichloroethene	8.947	130	116994	45.941	ug/l	94
45) 1,2-Dichloropropane	9.222	63	105752	45.815	ug/l	96
46) Dibromomethane	9.313	93	63643	47.024	ug/l	97
47) Bromodichloromethane	9.502	83	152548	46.606	ug/l	98
48) Methyl methacrylate	9.301	41	67365	47.366	ug/l	88
49) 1,4-Dioxane	9.307	88	15579	920.038	ug/l #	48
51) 4-Methyl-2-Pentanone	10.075	43	381524	234.216	ug/l	90
52) Toluene	10.252	92	268960	45.926	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	159721	47.719	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	177379	46.862	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	87307	45.403	ug/l	97
56) Ethyl methacrylate	10.514	69	119777	48.467	ug/l #	85
57) 1,3-Dichloropropane	10.794	76	148320	46.141	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	290296	235.957	ug/l	94
59) 2-Hexanone	10.837	43	301142	250.966	ug/l	89
60) Dibromochloromethane	10.990	129	110367	46.869	ug/l	100
61) 1,2-Dibromoethane	11.093	107	84839	46.074	ug/l	99
64) Tetrachloroethene	10.727	164	97007	45.782	ug/l	98
65) Chlorobenzene	11.520	112	295508	46.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	113155	48.154	ug/l	99
67) Ethyl Benzene	11.599	91	524200	46.902	ug/l	97
68) m/p-Xylenes	11.709	106	409765	94.740	ug/l	94
69) o-Xylene	12.032	106	197457	47.687	ug/l	96
70) Styrene	12.050	104	333421	48.306	ug/l	96
71) Bromoform	12.209	173	70042	48.933	ug/l #	100
73) Isopropylbenzene	12.331	105	523322	46.561	ug/l	100
74) N-amyl acetate	12.148	43	130634	47.667	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	106011	46.141	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	134498	82.488	ug/l #	100
77) Bromobenzene	12.611	156	123842	47.212	ug/l	96
78) n-propylbenzene	12.672	91	625911	45.993	ug/l	99
79) 2-Chlorotoluene	12.757	91	353482	46.378	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	436016	46.725	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	36945	49.239	ug/l	92
82) 4-Chlorotoluene	12.855	91	362788	45.898	ug/l	98
83) tert-Butylbenzene	13.081	119	398004	47.983	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	431464	46.816	ug/l	98
85) sec-Butylbenzene	13.257	105	574399	46.495	ug/l	99
86) p-Isopropyltoluene	13.373	119	481988	46.756	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	243529	45.978	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	242938	46.409	ug/l	99
89) n-Butylbenzene	13.696	91	451424	46.944	ug/l	97
90) Hexachloroethane	13.965	117	91919	45.800	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	219353	46.775	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16857	46.735	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	136317	46.985	ug/l	98
94) Hexachlorobutadiene	15.111	225	77824	46.217	ug/l	97
95) Naphthalene	15.239	128	284119	50.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	118161	47.227	ug/l	99

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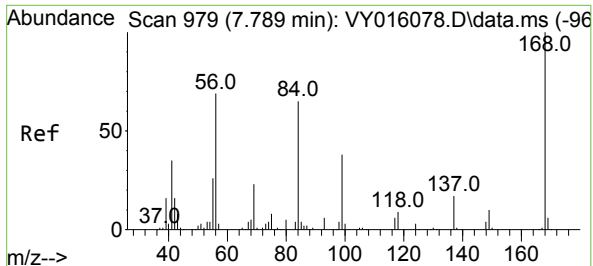
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

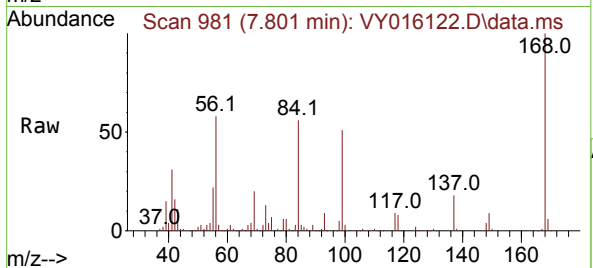
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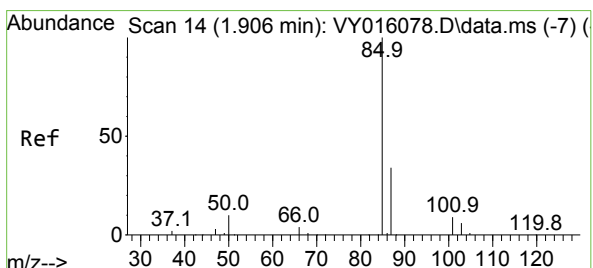
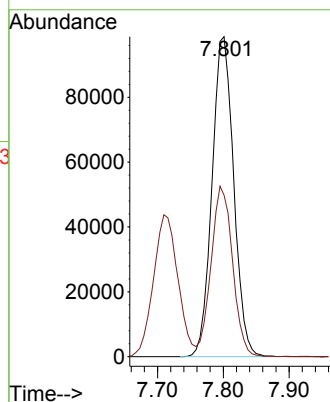
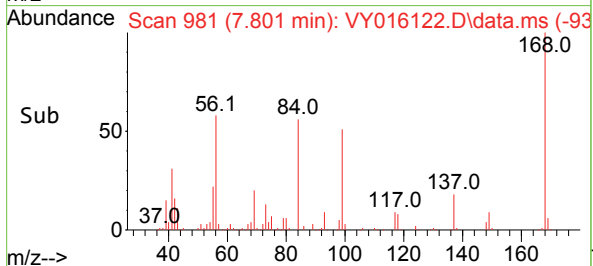


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016122.D
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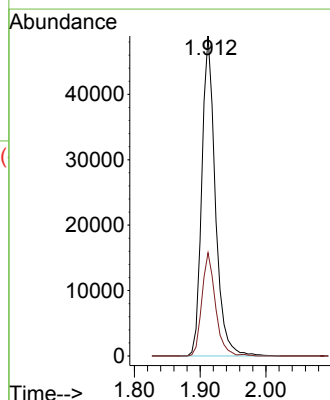
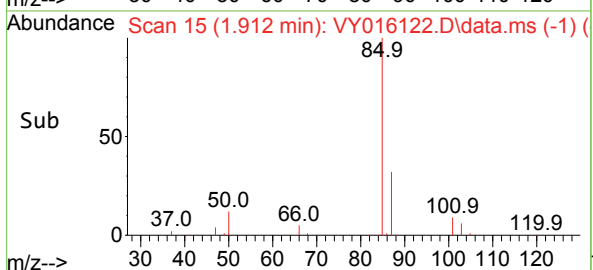
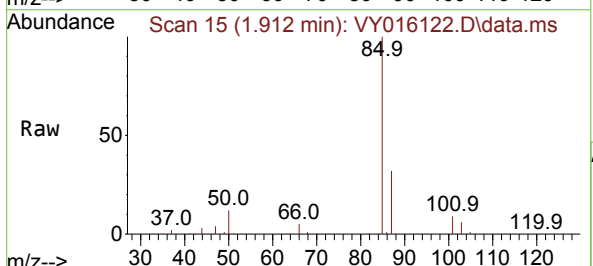


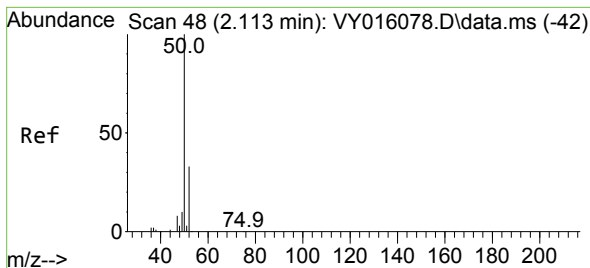
Tgt Ion:168 Resp: 226140
Ion Ratio Lower Upper
168 100
99 50.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.801 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 85 Resp: 69921
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.8





#3

Chloromethane

Concen: 44.923 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

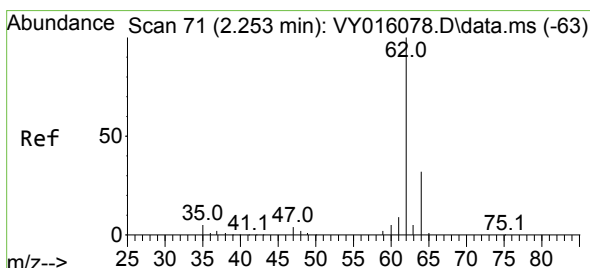
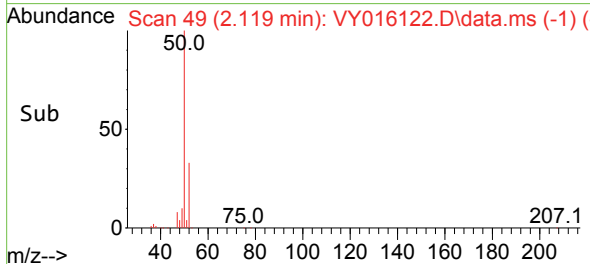
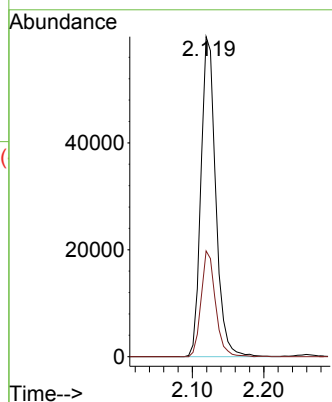
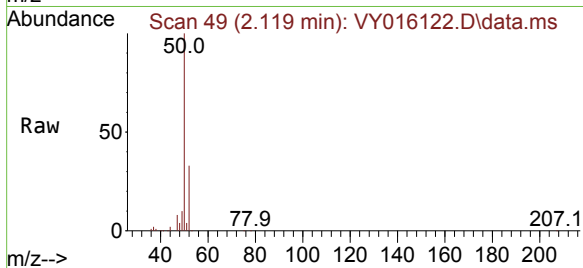
ClientSampleId :

Tgt Ion: 50 Resp: 85913

Ion Ratio Lower Upper

50 100

52 33.1 25.4 38.2



#4

Vinyl Chloride

Concen: 45.733 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY016122.D

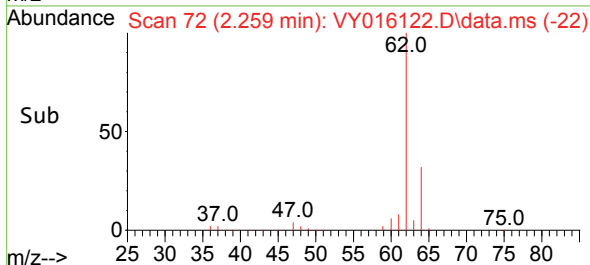
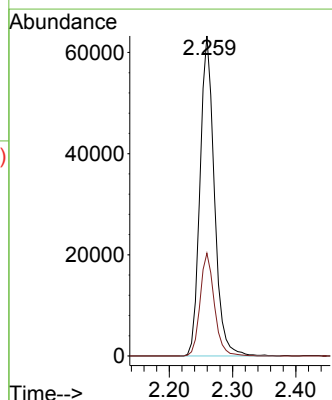
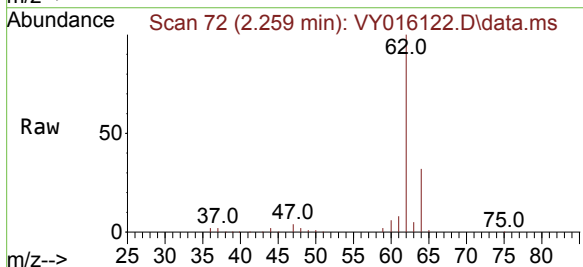
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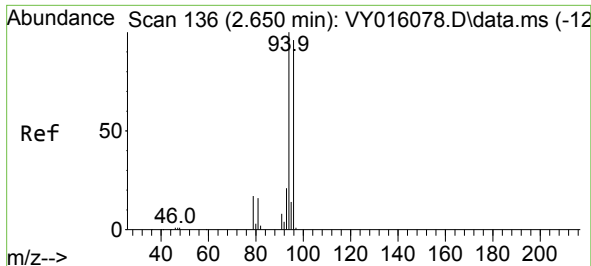
Tgt Ion: 62 Resp: 99916

Ion Ratio Lower Upper

62 100

64 32.1 24.3 36.5





#5

Bromomethane

Concen: 45.618 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

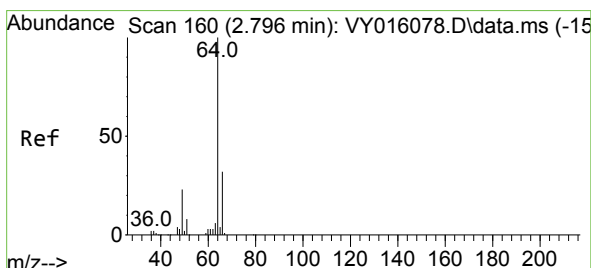
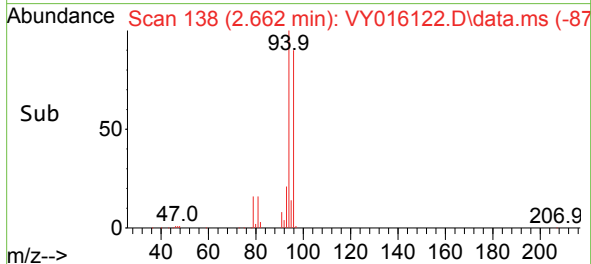
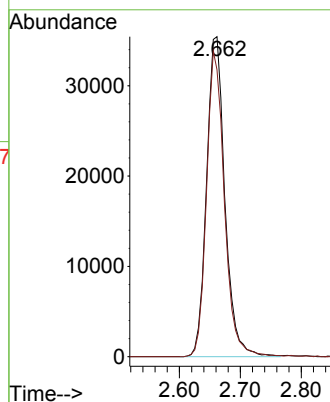
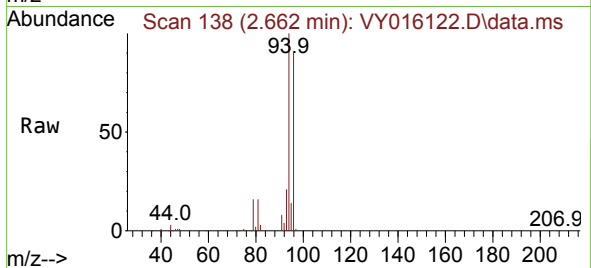
ClientSampleId :

Tgt Ion: 94 Resp: 74080

Ion Ratio Lower Upper

94 100

96 89.6 75.8 113.6



#6

Chloroethane

Concen: 45.303 ug/l

RT: 2.802 min Scan# 161

Delta R.T. 0.006 min

Lab File: VY016122.D

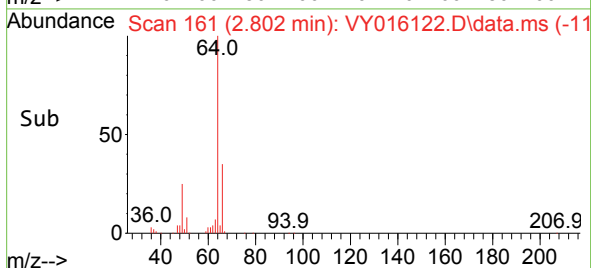
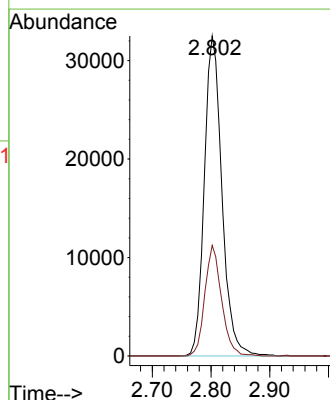
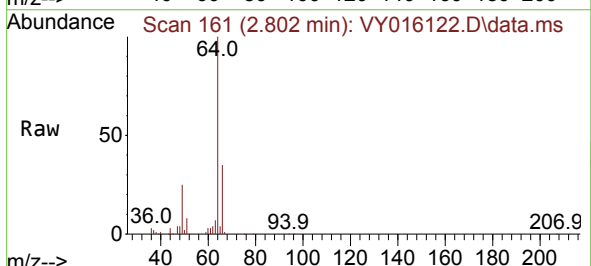
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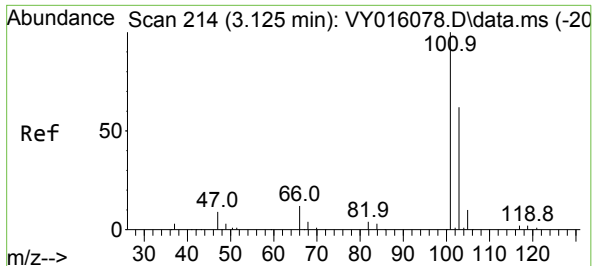
Tgt Ion: 64 Resp: 67796

Ion Ratio Lower Upper

64 100

66 34.5 24.4 36.6

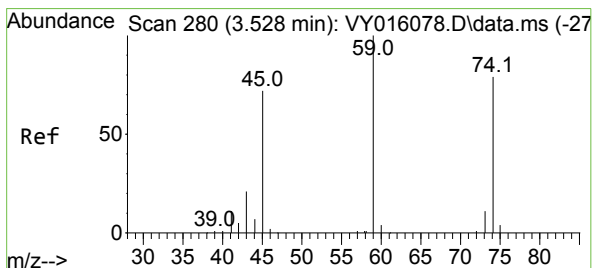
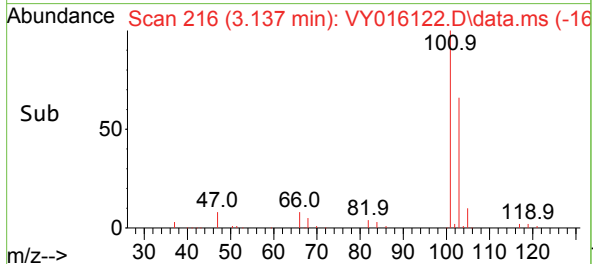
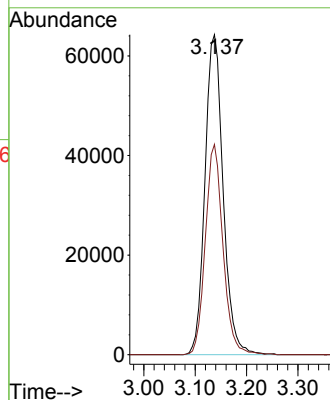
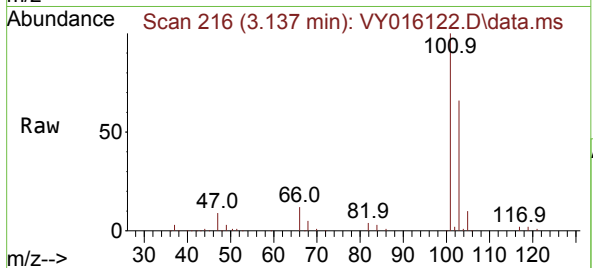




#7
Trichlorofluoromethane
Concen: 45.092 ug/l
RT: 3.137 min Scan# 214
Delta R.T. 0.012 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

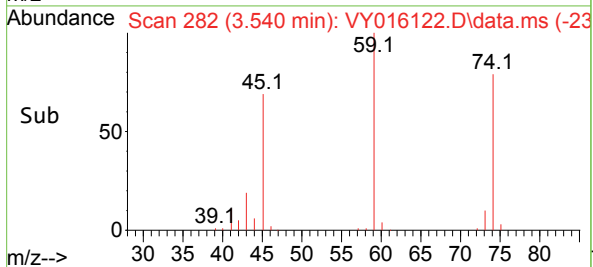
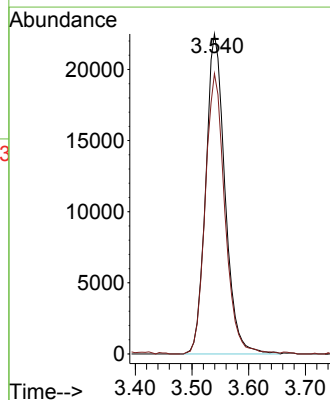
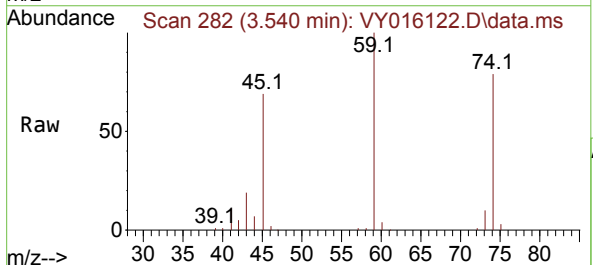
Instrument :
MSVOA_Y
ClientSampleId :

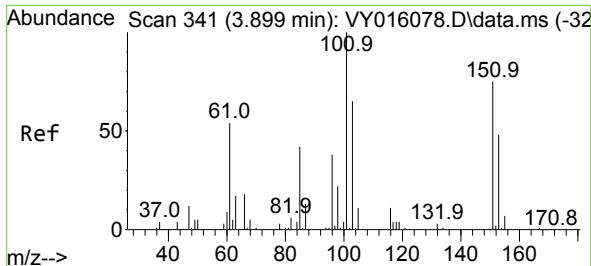
Tgt Ion:101 Resp: 157655
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0



#8
Diethyl Ether
Concen: 45.226 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.012 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 74 Resp: 52998
Ion Ratio Lower Upper
74 100
45 89.4 51.5 154.5

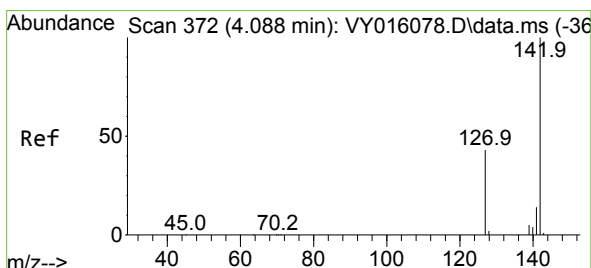
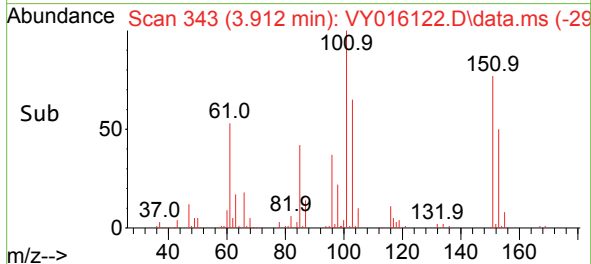
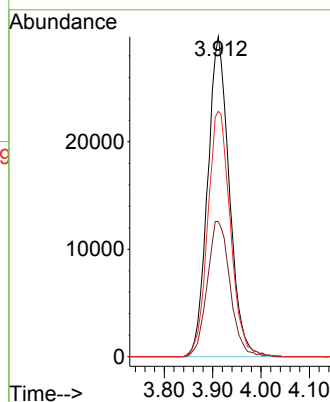
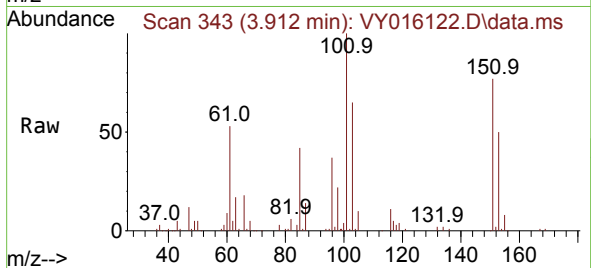




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.916 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016122.D
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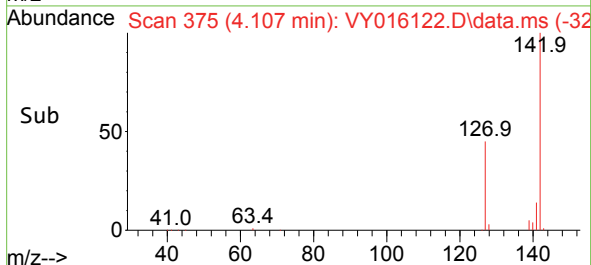
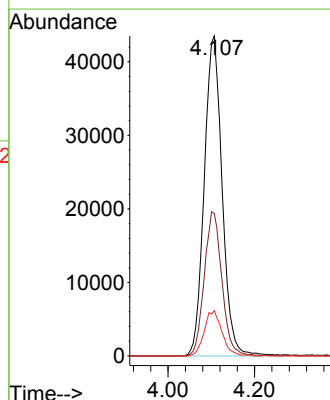
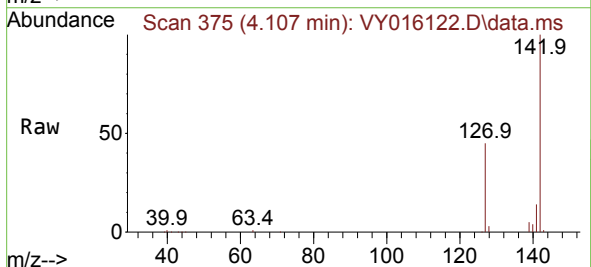
Instrument :
MSVOA_Y
ClientSampleId :

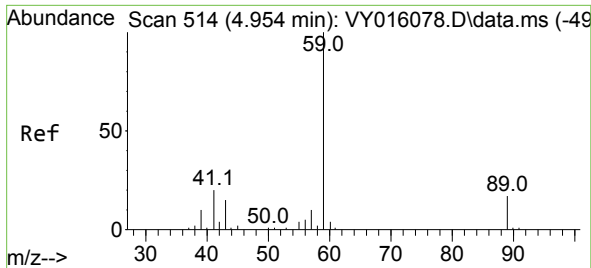
Tgt Ion:101 Resp: 92625
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 80.3 67.0 100.6



#10
Methyl Iodide
Concen: 46.362 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion:142 Resp: 124945
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.1 11.8 17.8

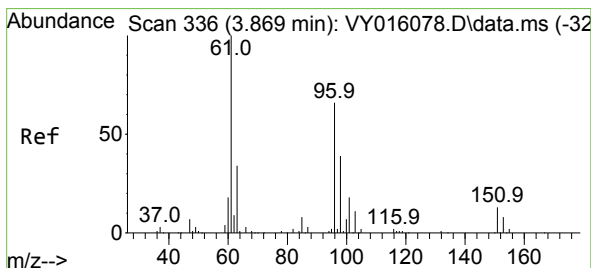
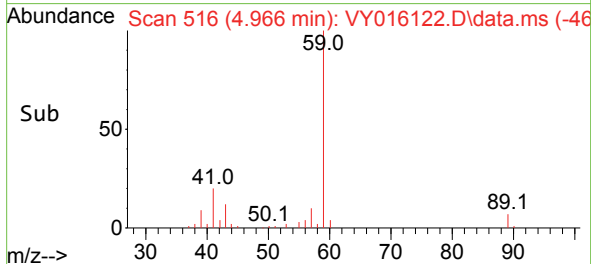
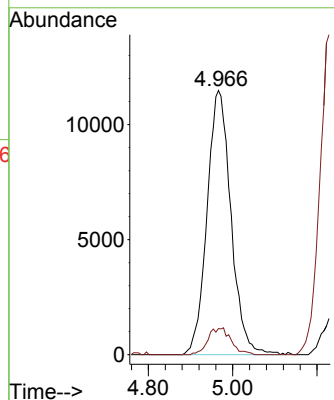
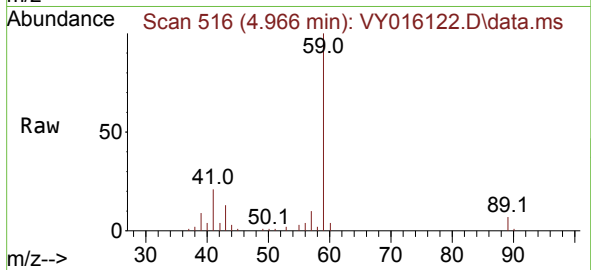




#11
Tert butyl alcohol
Concen: 175.739 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

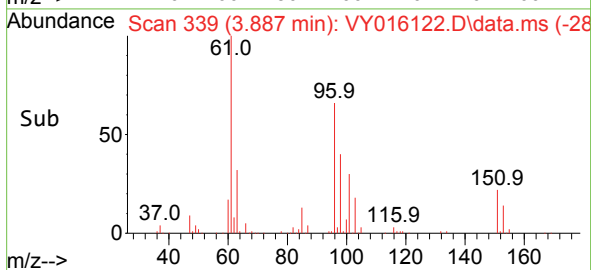
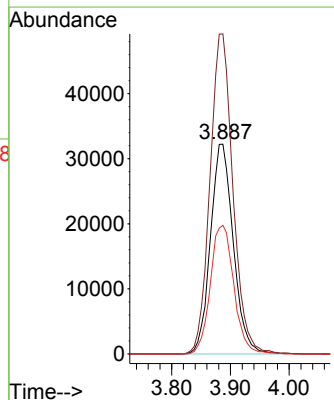
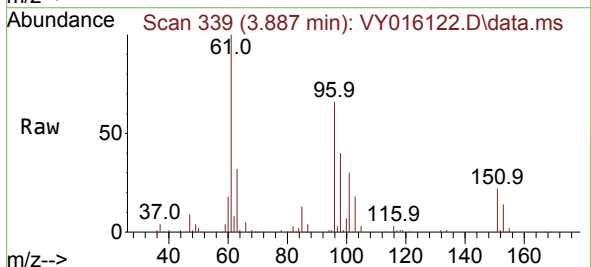
Instrument :
MSVOA_Y
ClientSampleId :

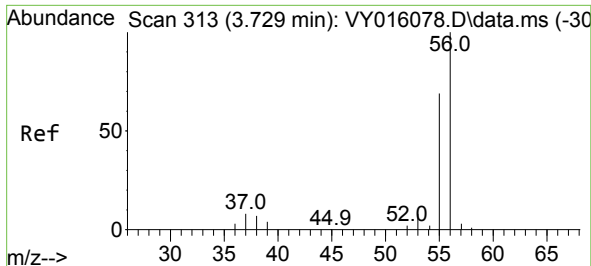
Tgt Ion: 59 Resp: 45255
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 45.167 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.018 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 96 Resp: 87280
Ion Ratio Lower Upper
96 100
61 152.5 136.4 204.6
98 61.4 49.4 74.2





#13

Acrolein

Concen: 193.431 ug/l

RT: 3.741 min Scan# 313

Delta R.T. 0.012 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

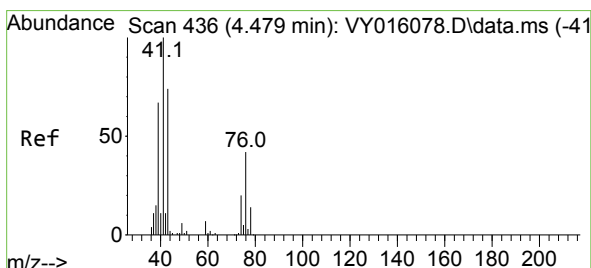
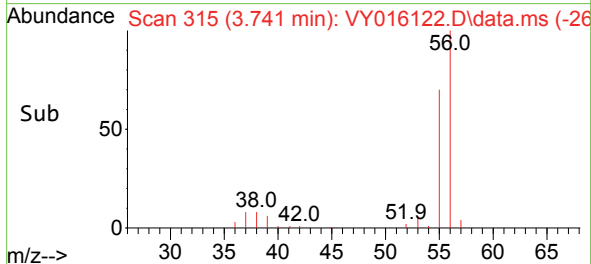
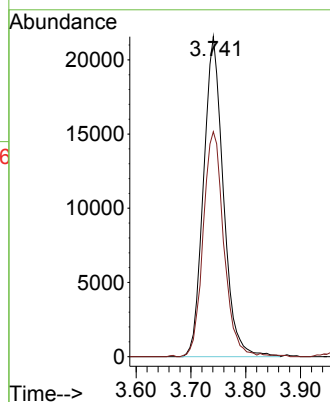
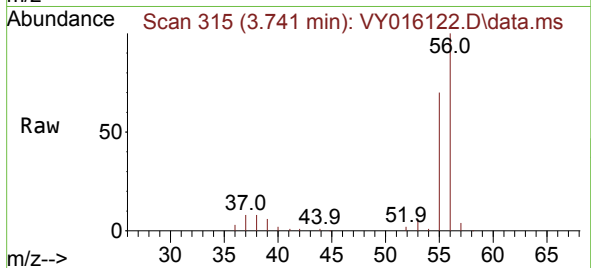
ClientSampleId :

Tgt Ion: 56 Resp: 54174

Ion Ratio Lower Upper

56 100

55 73.0 57.0 85.4



#14

Allyl chloride

Concen: 44.669 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

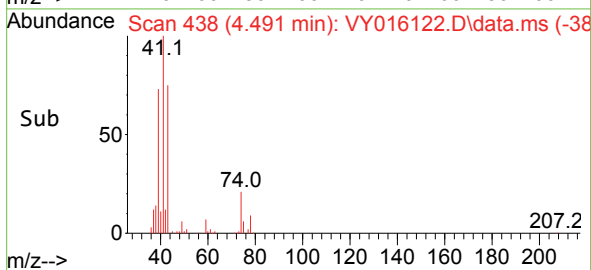
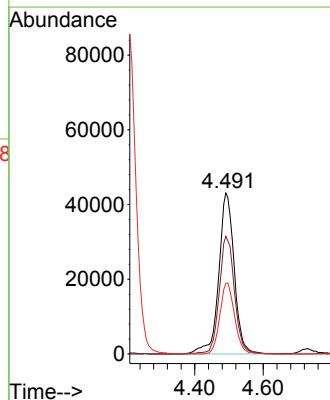
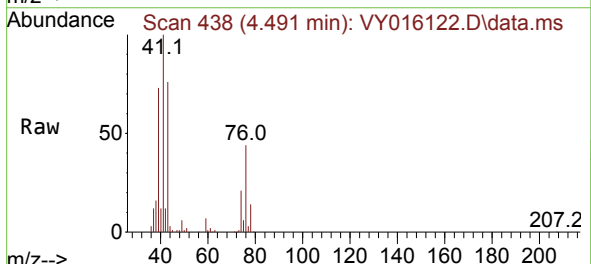
Tgt Ion: 41 Resp: 134933

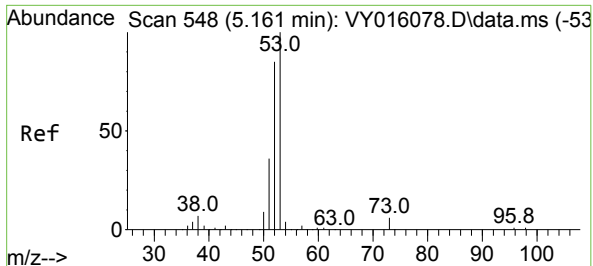
Ion Ratio Lower Upper

41 100

39 71.6 58.0 87.0

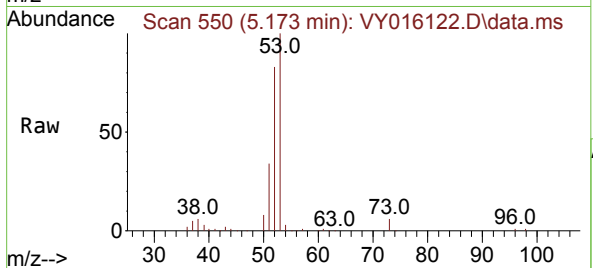
76 41.8 27.4 41.2#



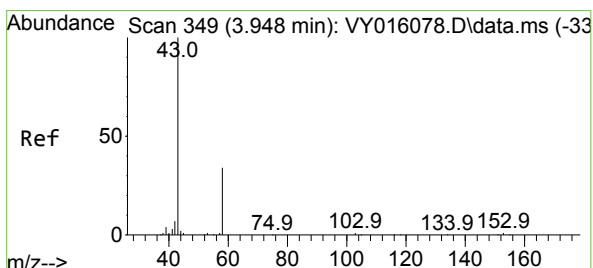
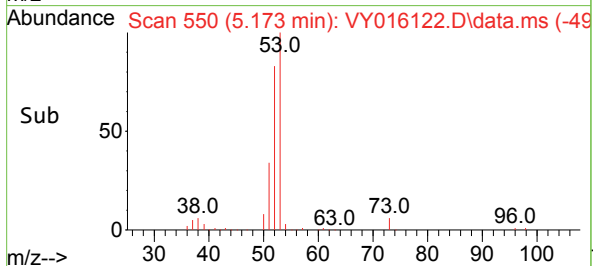
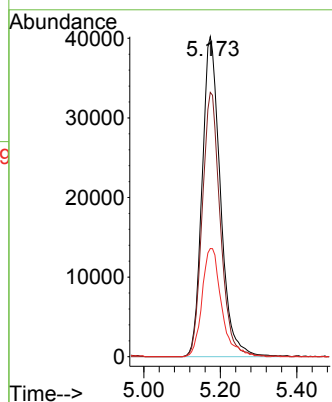


#15
Acrylonitrile
Concen: 231.735 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Instrument :
MSVOA_Y
ClientSampleId :

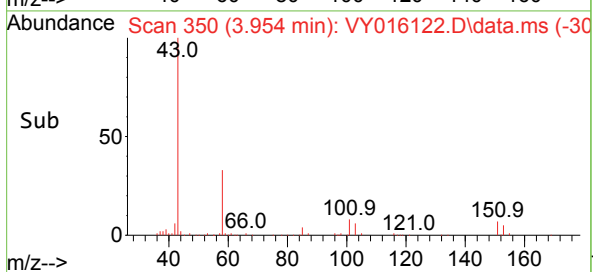
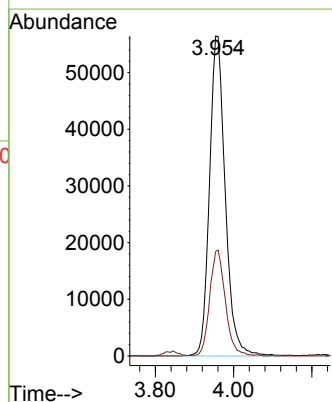
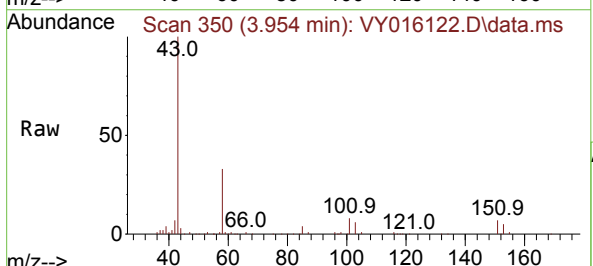


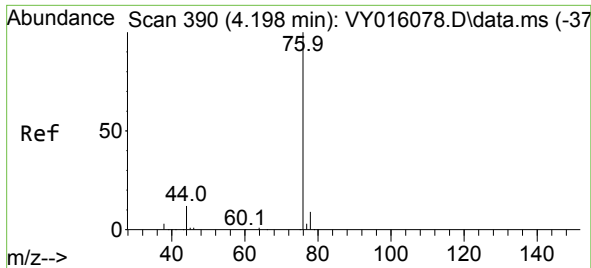
Tgt Ion: 53 Resp: 133218
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 257.890 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 43 Resp: 157181
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1





#17

Carbon Disulfide

Concen: 43.886 ug/l

RT: 4.210 min Scan# 392

Delta R.T. 0.012 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

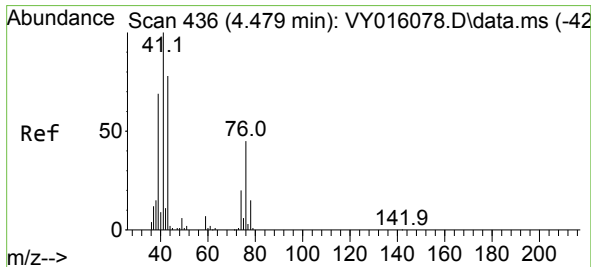
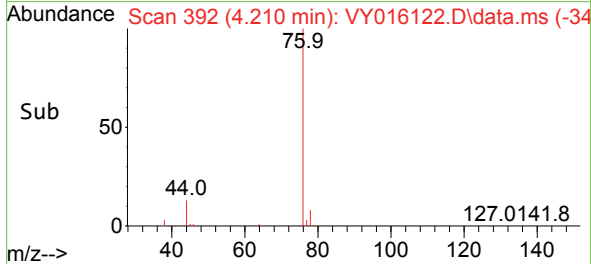
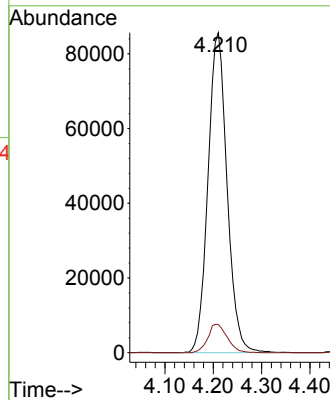
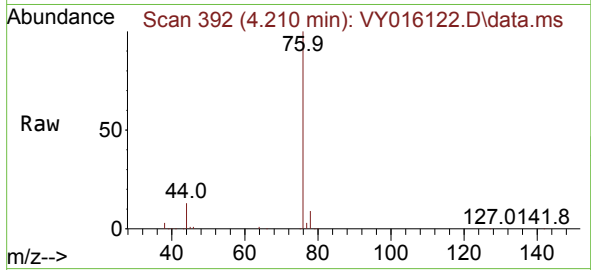
ClientSampleId :

Tgt Ion: 76 Resp: 234582

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



#18

Methyl Acetate

Concen: 45.197 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY016122.D

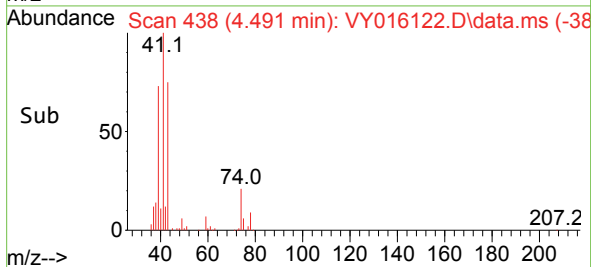
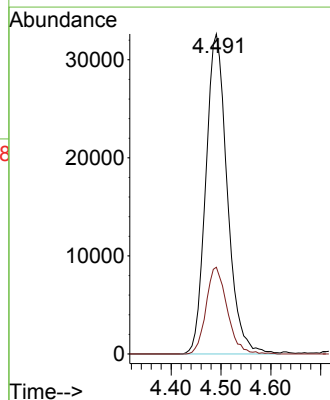
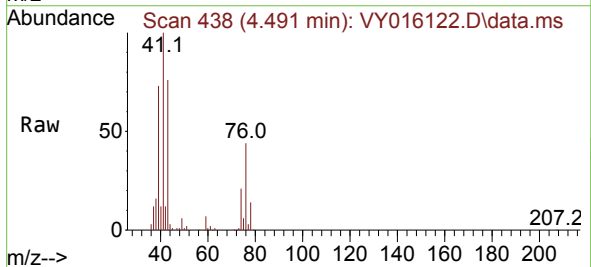
Acq: 30 Oct 2023 09:43

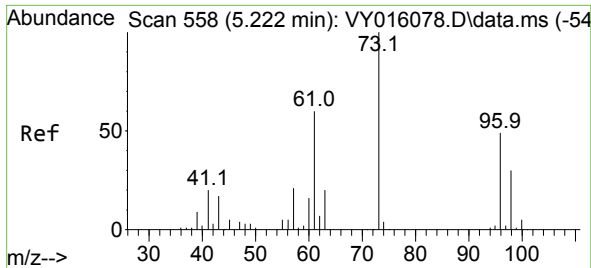
Tgt Ion: 43 Resp: 97395

Ion Ratio Lower Upper

43 100

74 26.7 17.4 26.0#

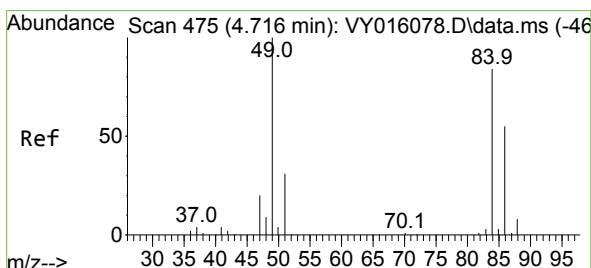
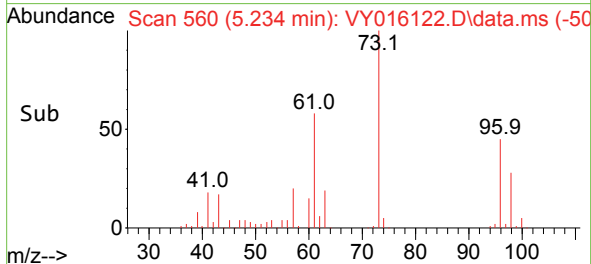
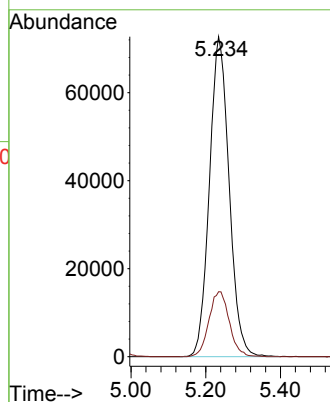
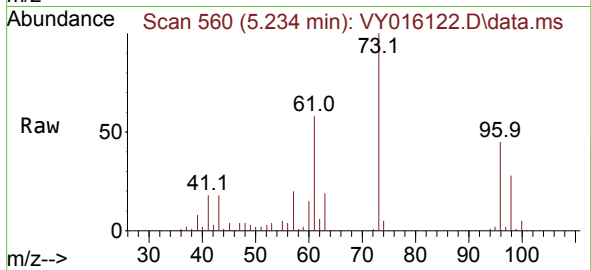




#19
Methyl tert-butyl Ether
Concen: 48.188 ug/l
RT: 5.234 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

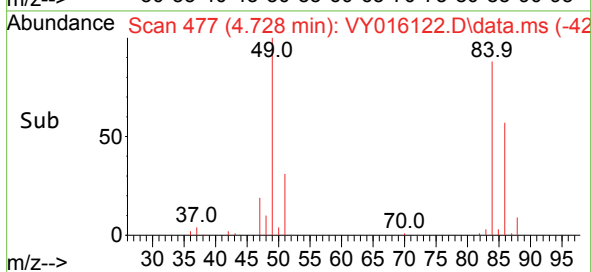
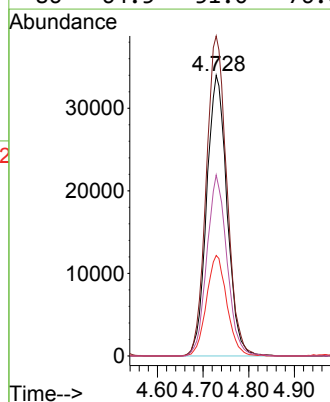
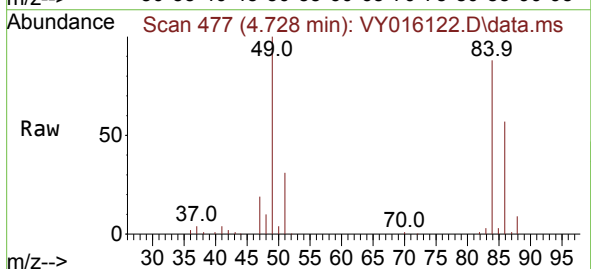
Instrument :
MSVOA_Y
ClientSampleId :

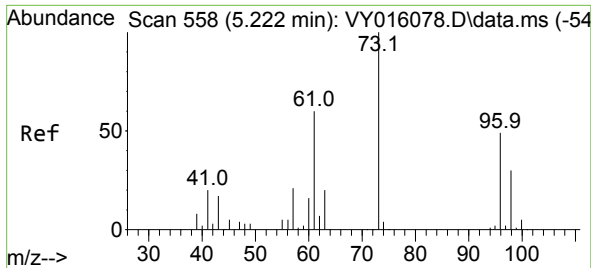
Tgt Ion: 73 Resp: 265552
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 43.536 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 84 Resp: 105096
Ion Ratio Lower Upper
84 100
49 114.0 106.9 160.3
51 35.8 33.2 49.8
86 64.5 51.0 76.6

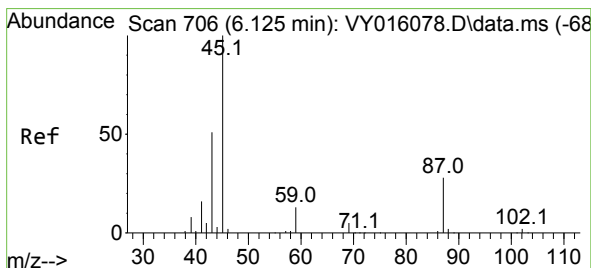
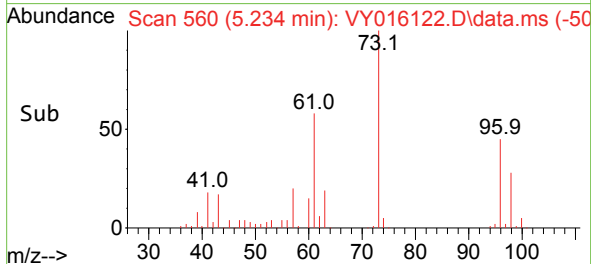
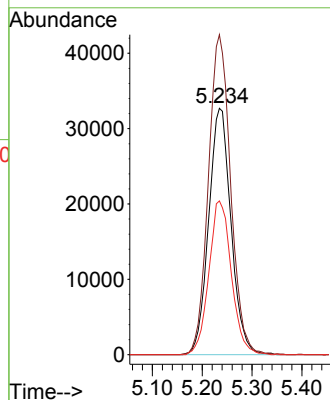
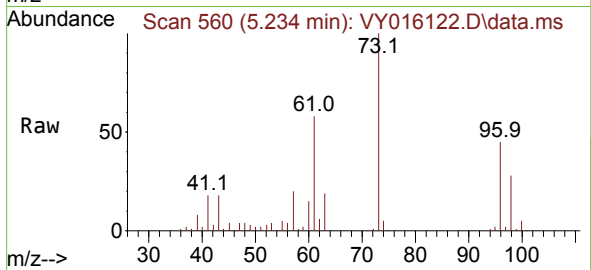




#21
trans-1,2-Dichloroethene
Concen: 45.489 ug/l
RT: 5.234 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

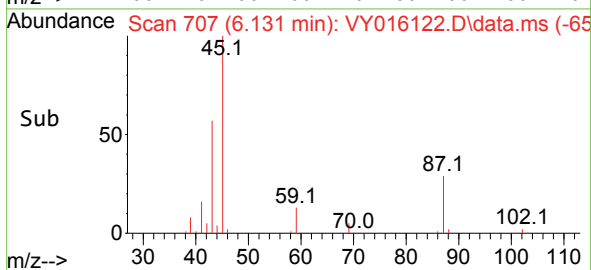
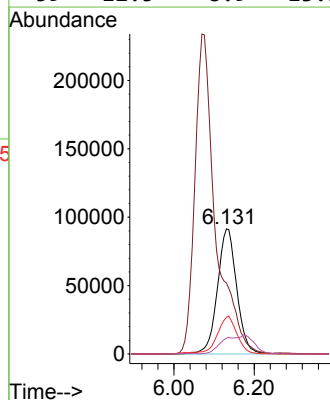
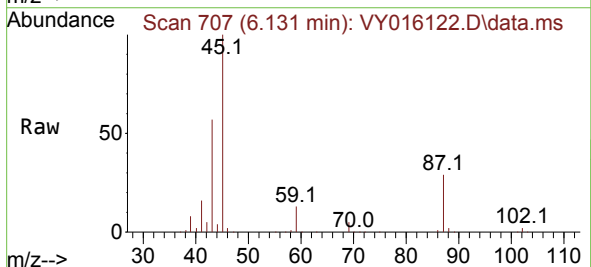
Instrument :
MSVOA_Y
ClientSampleId :

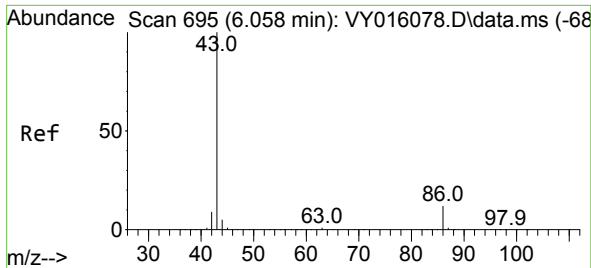
Tgt Ion: 96 Resp: 101894
Ion Ratio Lower Upper
96 100
61 129.8 110.2 165.4
98 62.4 51.8 77.6



#22
Diisopropyl ether
Concen: 46.203 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 45 Resp: 305180
Ion Ratio Lower Upper
45 100
43 55.8 52.2 78.4
87 29.3 21.0 31.6
59 12.5 8.9 13.3

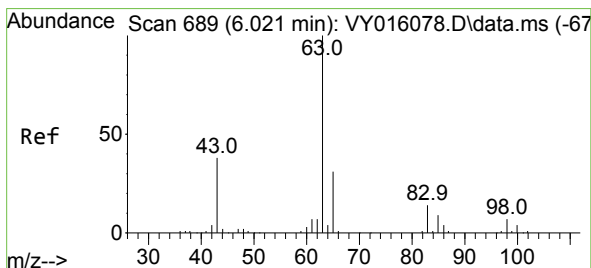
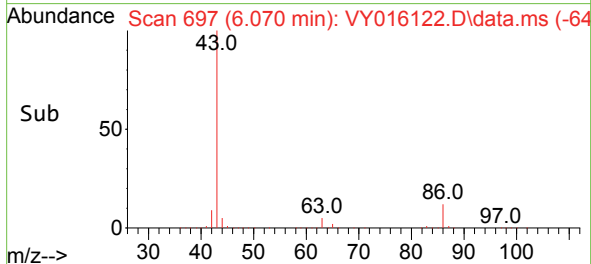
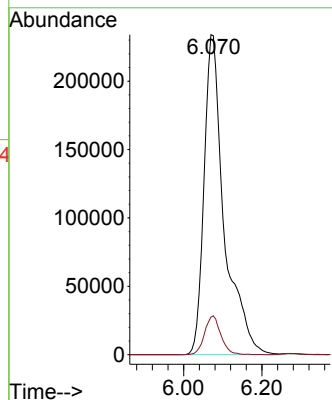
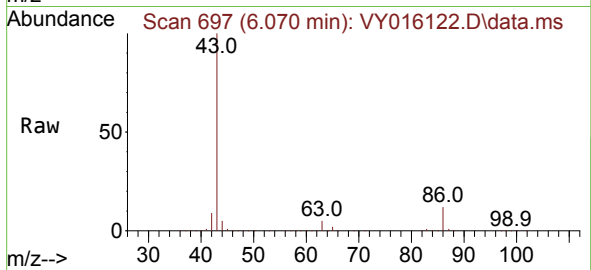




#23
 Vinyl Acetate
 Concen: 235.886 ug/l
 RT: 6.070 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY016122.D
 Acq: 30 Oct 2023 09:43

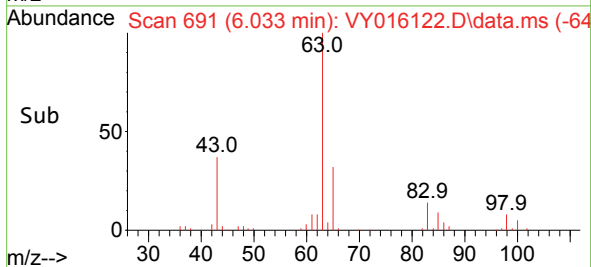
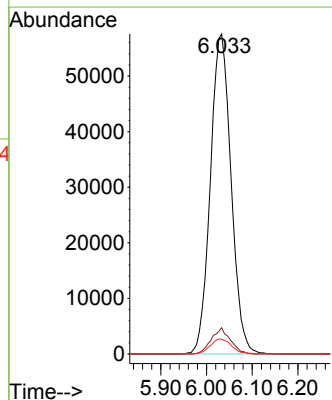
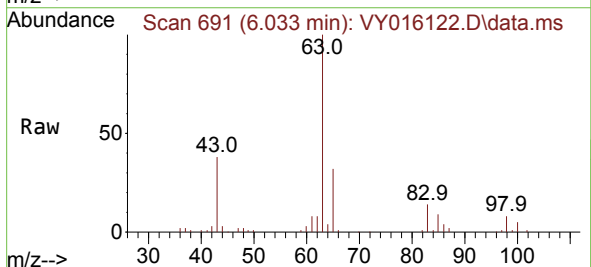
Instrument :
 MSVOA_Y
 ClientSampleId :

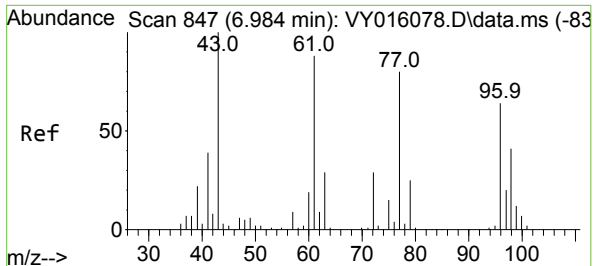
Tgt Ion: 43 Resp: 834802
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 45.524 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY016122.D
 Acq: 30 Oct 2023 09:43

Tgt Ion: 63 Resp: 181161
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 242.224 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

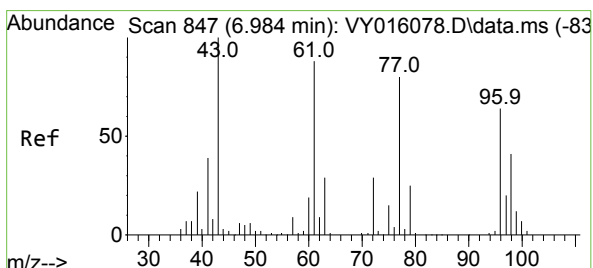
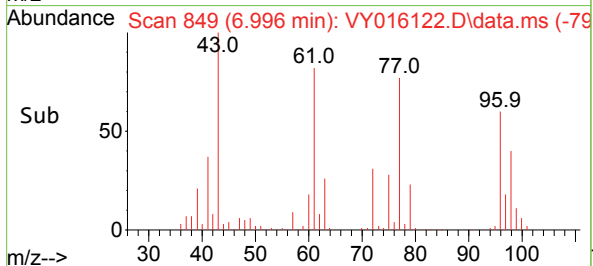
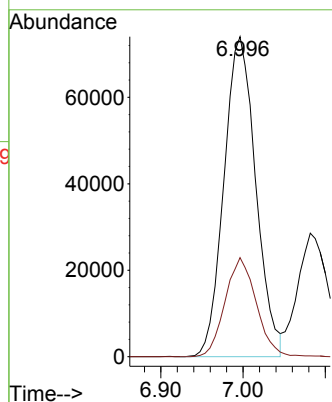
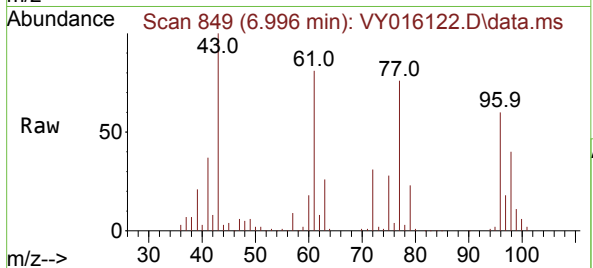
ClientSampleId :

Tgt Ion: 43 Resp: 199253

Ion Ratio Lower Upper

43 100

72 31.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 46.868 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY016122.D

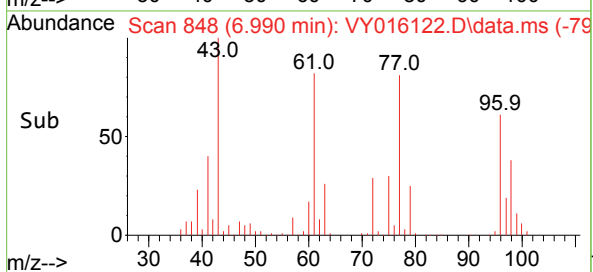
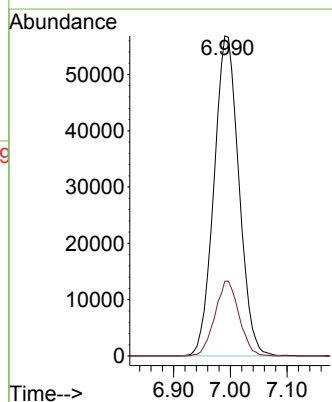
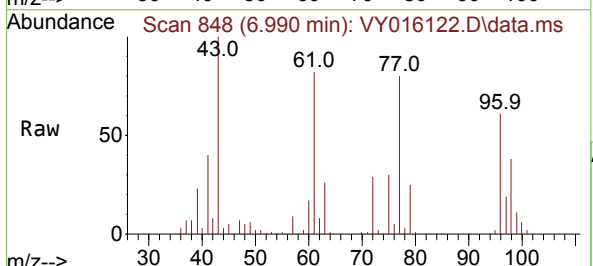
Acq: 30 Oct 2023 09:43

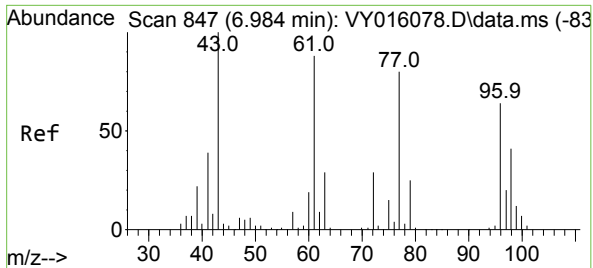
Tgt Ion: 77 Resp: 173379

Ion Ratio Lower Upper

77 100

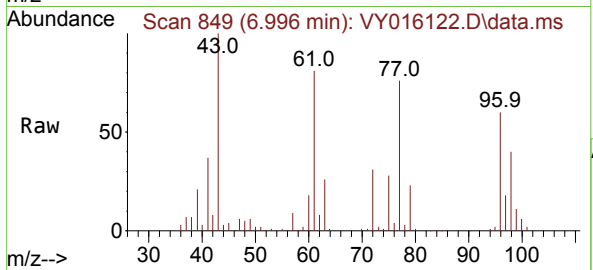
97 22.7 10.9 32.9





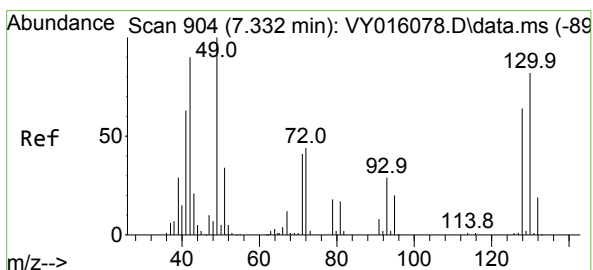
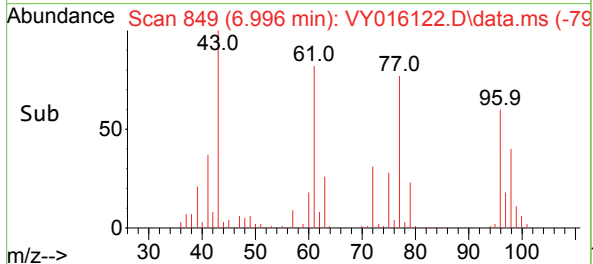
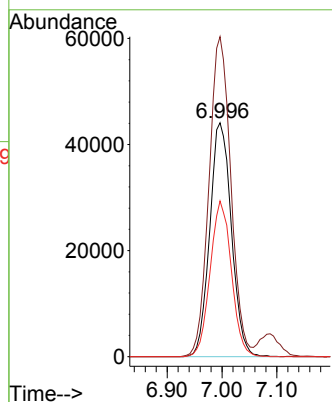
#27
 cis-1,2-Dichloroethene
 Concen: 45.998 ug/l
 RT: 6.996 min Scan# 847
 Delta R.T. 0.012 min
 Lab File: VY016122.D
 Acq: 30 Oct 2023 09:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 121003

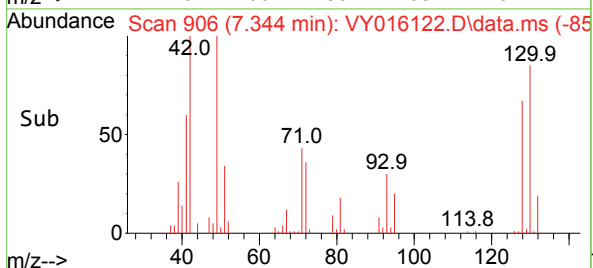
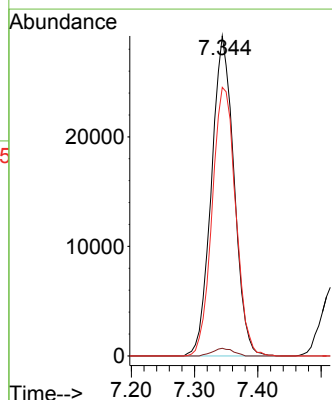
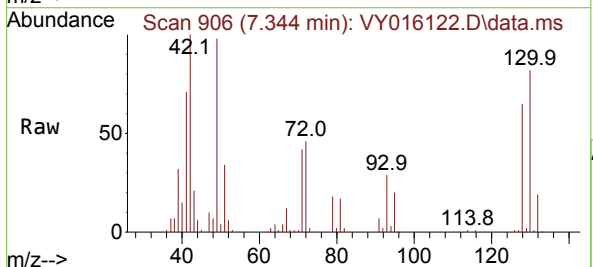
Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	301.4
98	65.3	0.0	130.4

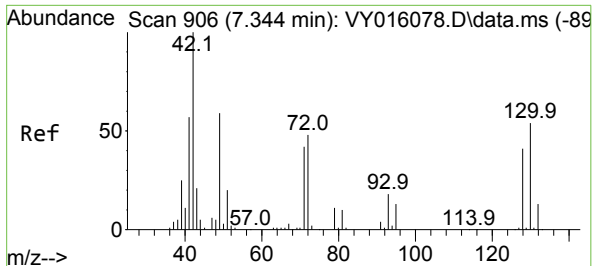


#28
 Bromochloromethane
 Concen: 44.491 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.012 min
 Lab File: VY016122.D
 Acq: 30 Oct 2023 09:43

Tgt Ion: 49 Resp: 72432

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	87.3	60.7	91.1





#29

Tetrahydrofuran

Concen: 230.374 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

ClientSampleId :

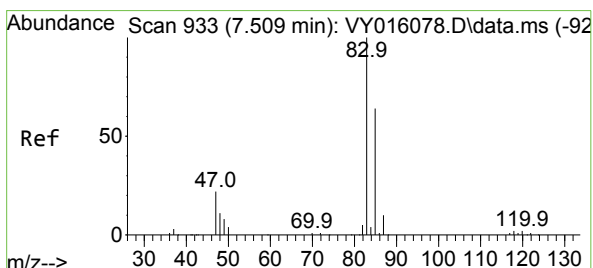
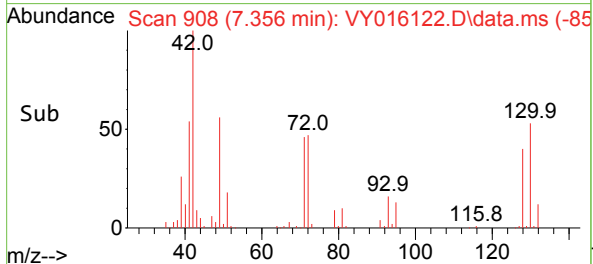
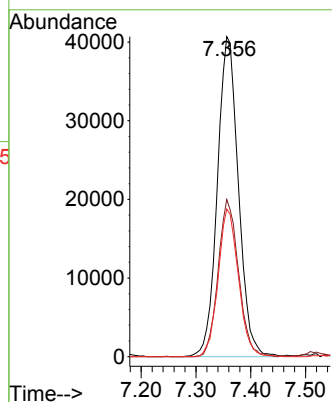
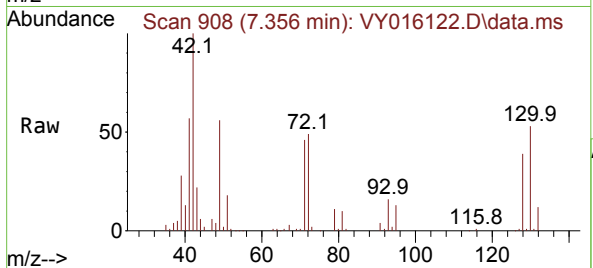
Tgt Ion: 42 Resp: 108731

Ion Ratio Lower Upper

42 100

72 47.6 32.8 49.2

71 44.5 31.0 46.4



#30

Chloroform

Concen: 46.012 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY016122.D

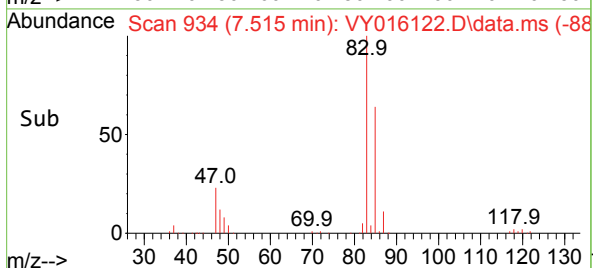
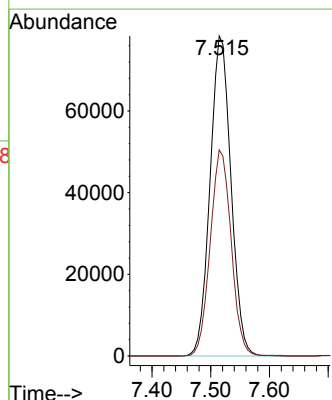
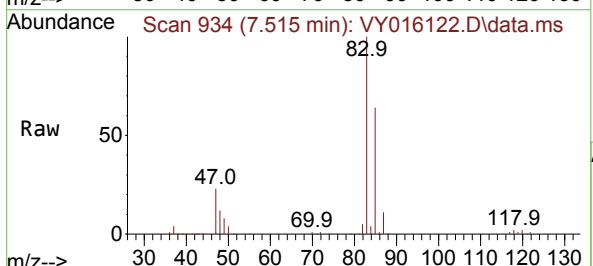
Acq: 30 Oct 2023 09:43

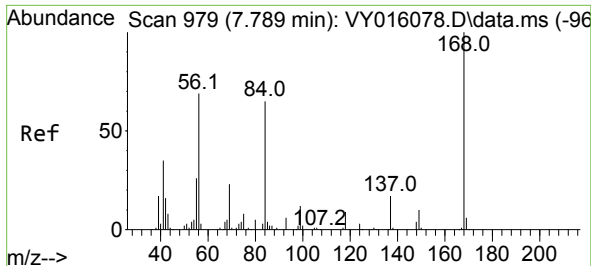
Tgt Ion: 83 Resp: 193422

Ion Ratio Lower Upper

83 100

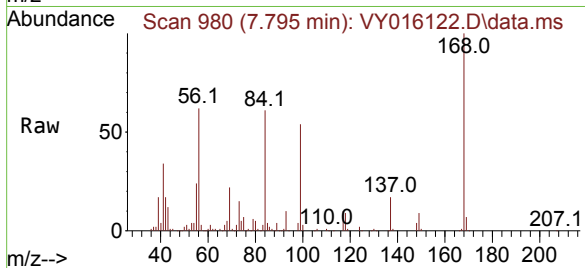
85 64.4 49.7 74.5



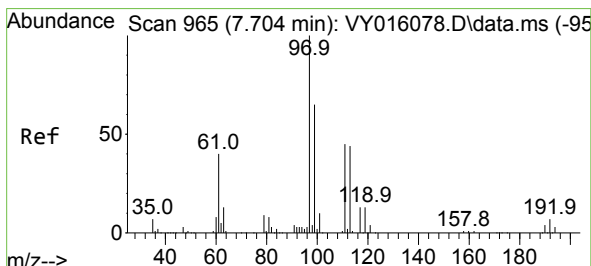
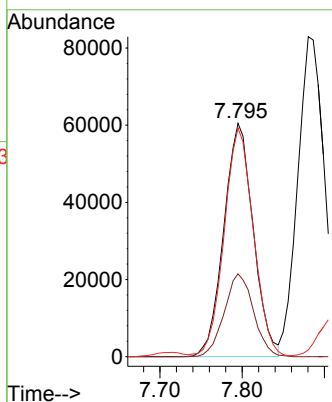
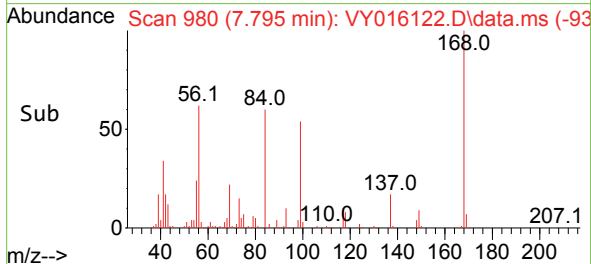


#31
Cyclohexane
Concen: 42.671 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Instrument :
MSVOA_Y
ClientSampleId :

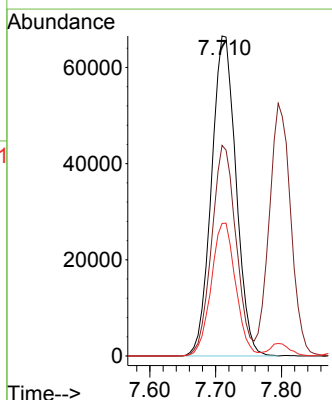
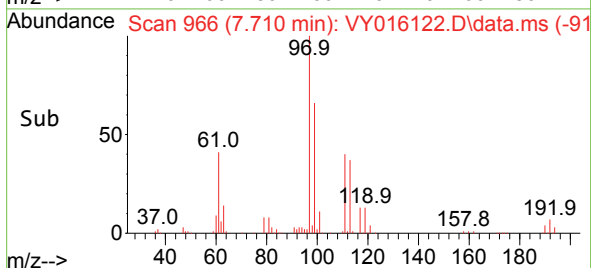
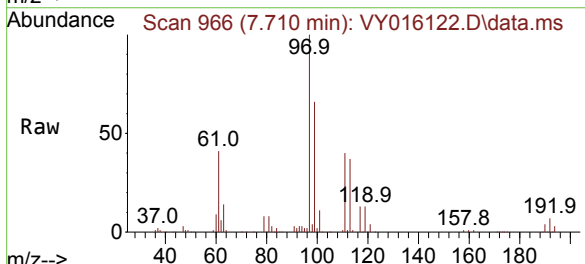


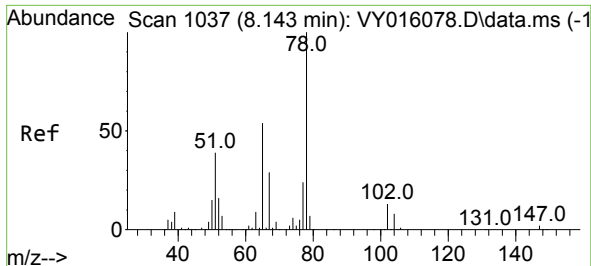
Tgt Ion: 56 Resp: 150954
Ion Ratio Lower Upper
56 100
69 35.5 27.8 41.6
84 96.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 45.899 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 97 Resp: 173069
Ion Ratio Lower Upper
97 100
99 65.6 50.8 76.2
61 41.3 35.1 52.7

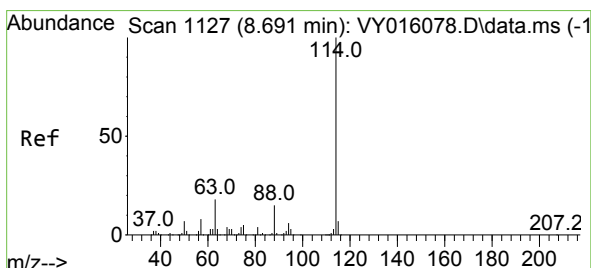
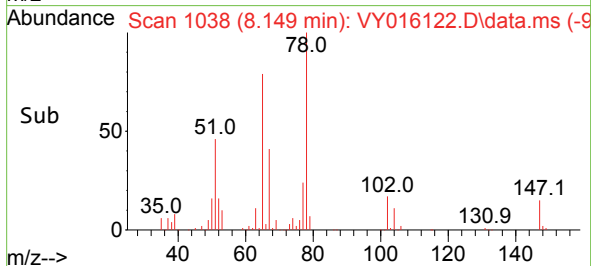
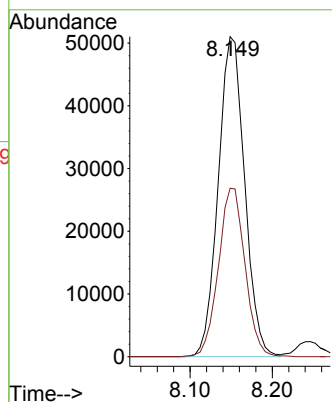
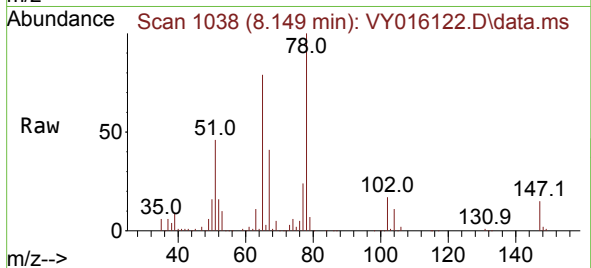




#33
 1,2-Dichloroethane-d4
 Concen: 50.616 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY016122.D
 Acq: 30 Oct 2023 09:43

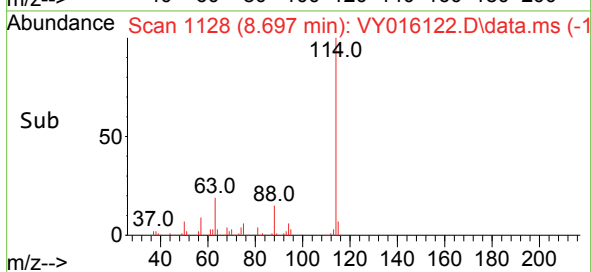
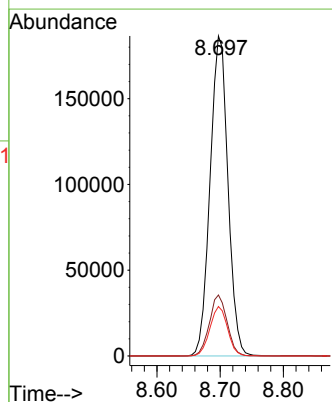
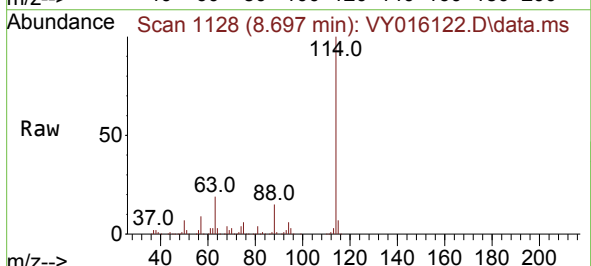
Instrument :
 MSVOA_Y
 ClientSampleId :

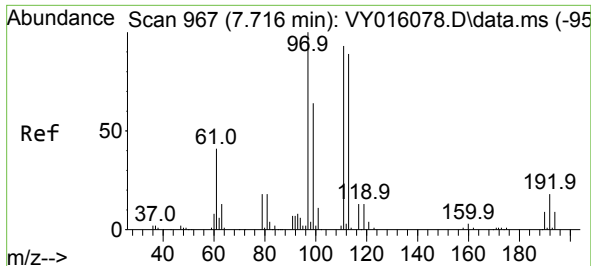
Tgt Ion: 65 Resp: 113818
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY016122.D
 Acq: 30 Oct 2023 09:43

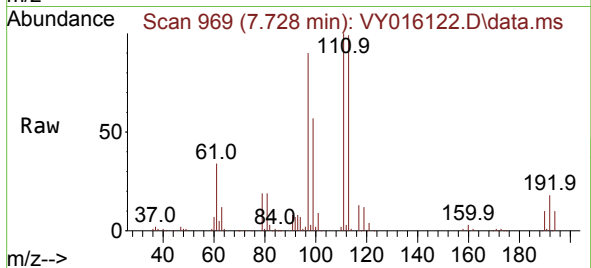
Tgt Ion: 114 Resp: 366057
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 15.5 0.0 30.6



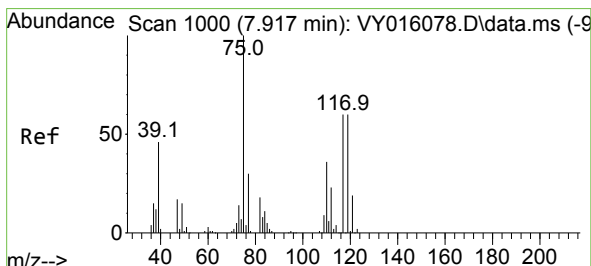
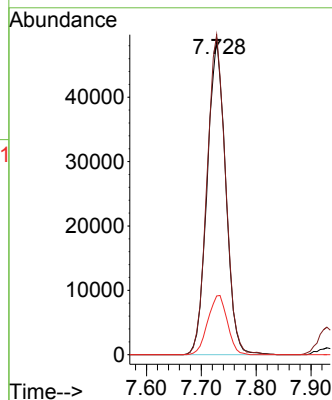
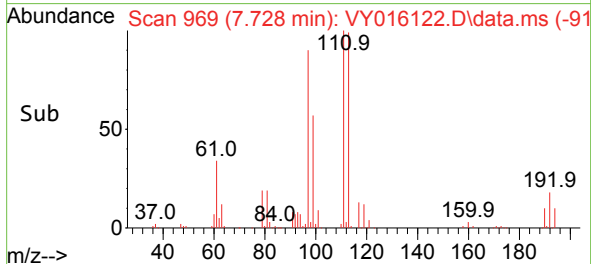


#35
Dibromofluoromethane
Concen: 49.333 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

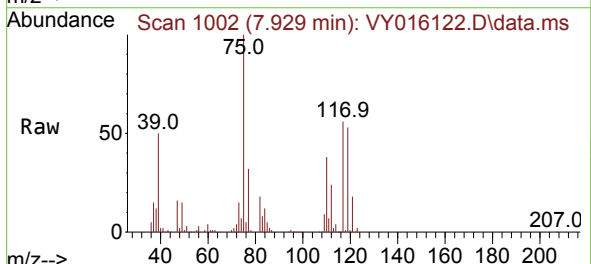
Instrument :
MSVOA_Y
ClientSampleId :



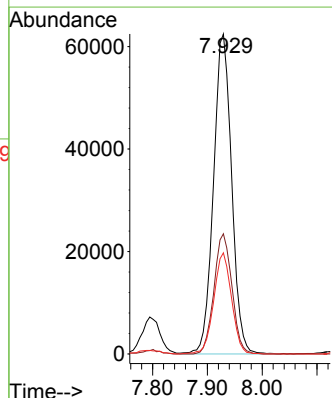
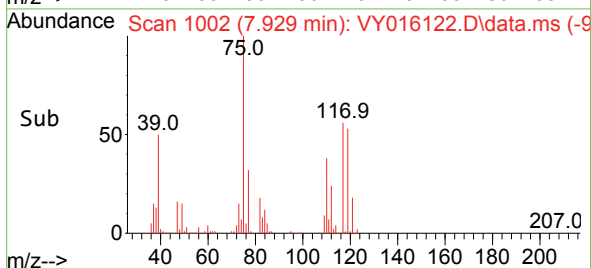
Tgt Ion:113 Resp: 114004
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.9 16.9 25.3

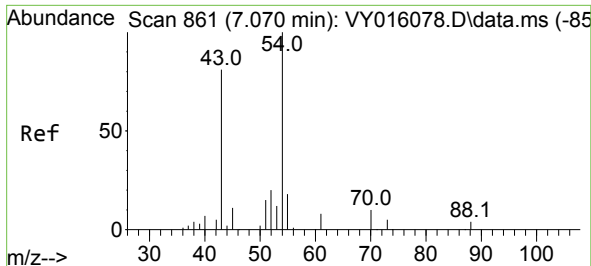


#36
1,1-Dichloropropene
Concen: 44.583 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43



Tgt Ion: 75 Resp: 143612
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 46.585 ug/l

RT: 7.082 min Scan# 861

Delta R.T. 0.012 min

Lab File: VY016122.D

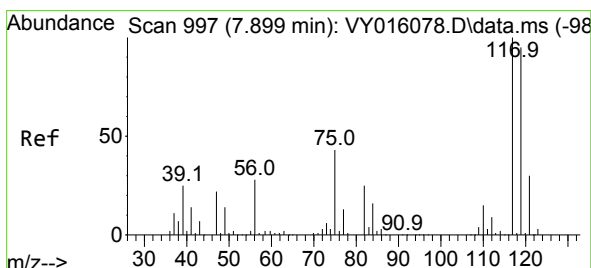
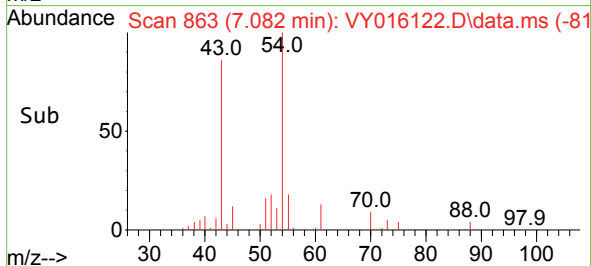
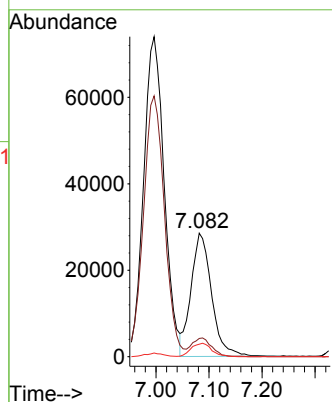
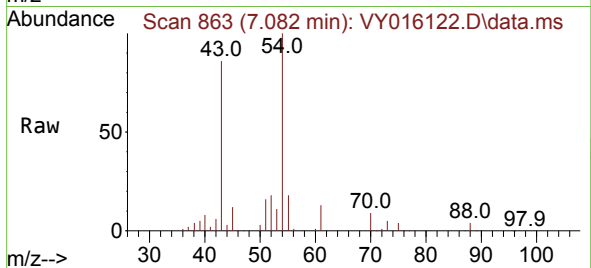
Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 76916
Ion Ratio	Lower Upper
43	100
61	13.8 10.1 15.1
70	10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 46.097 ug/l

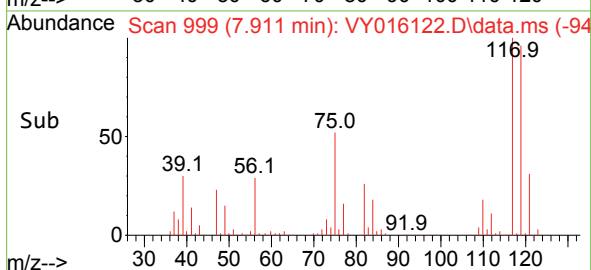
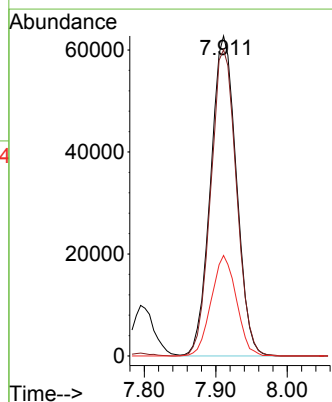
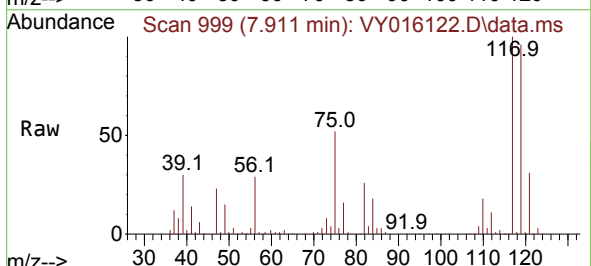
RT: 7.911 min Scan# 999

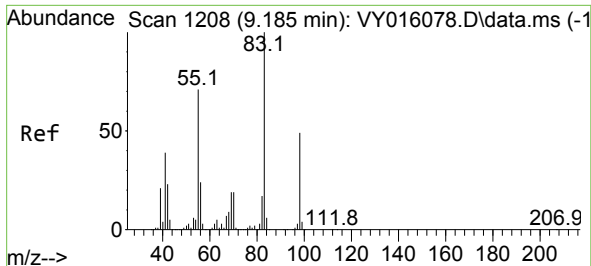
Delta R.T. 0.012 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Tgt Ion: 117	Resp: 157025
Ion Ratio	Lower Upper
117	100
119	95.7 76.4 114.6
121	31.4 25.8 38.6





#39

Methylcyclohexane

Concen: 44.770 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

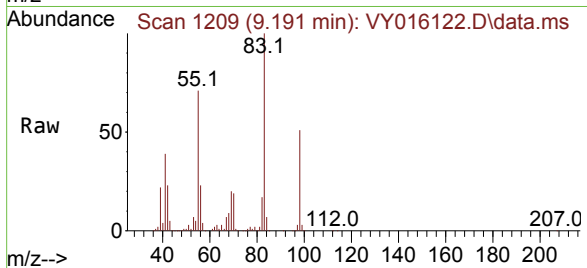
Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

ClientSampleId :



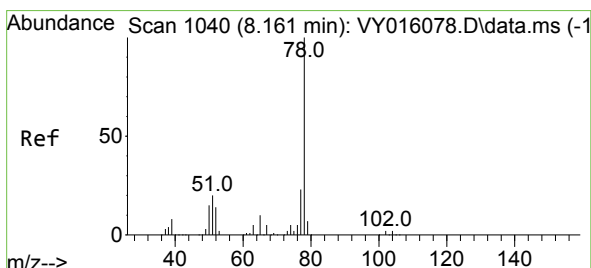
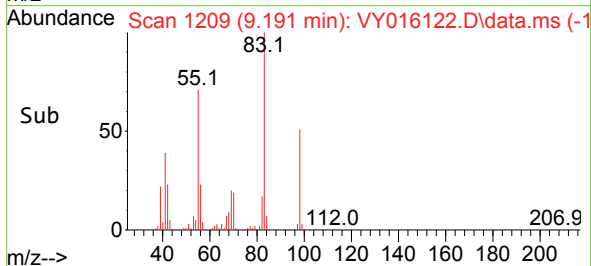
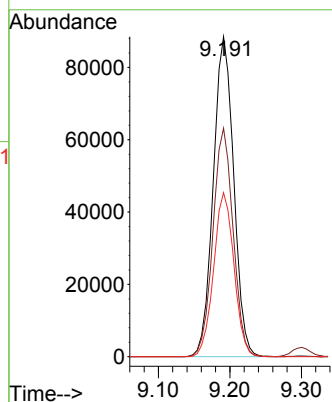
Tgt Ion: 83 Resp: 175688

Ion Ratio Lower Upper

83 100

55 71.4 63.0 94.4

98 51.3 37.4 56.2



#40

Benzene

Concen: 45.390 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY016122.D

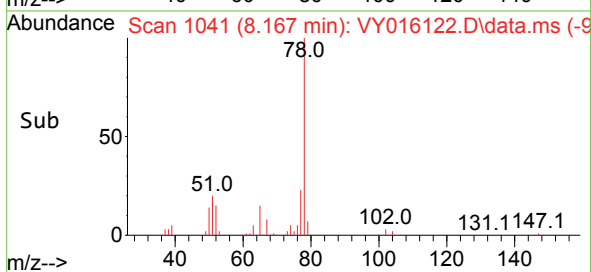
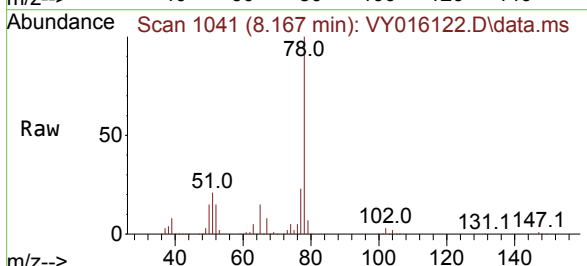
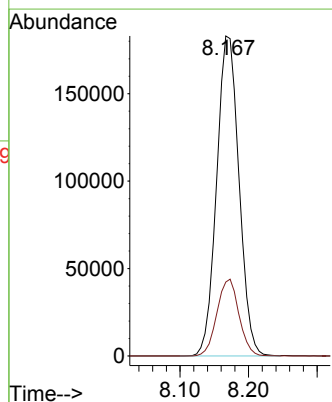
Acq: 30 Oct 2023 09:43

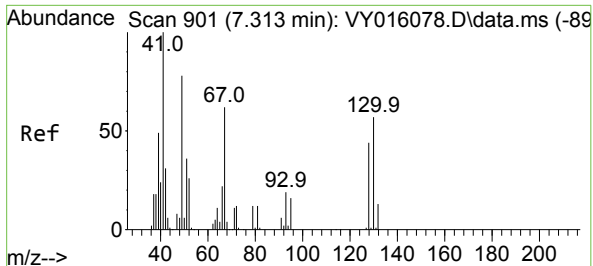
Tgt Ion: 78 Resp: 413959

Ion Ratio Lower Upper

78 100

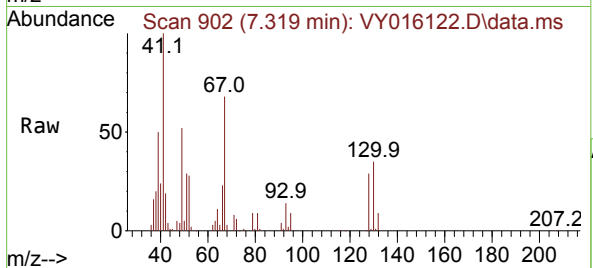
77 23.1 19.0 28.6





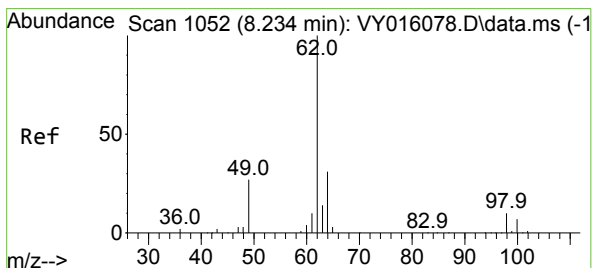
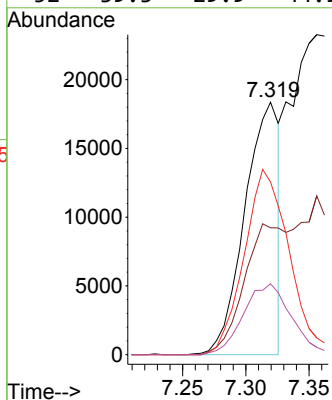
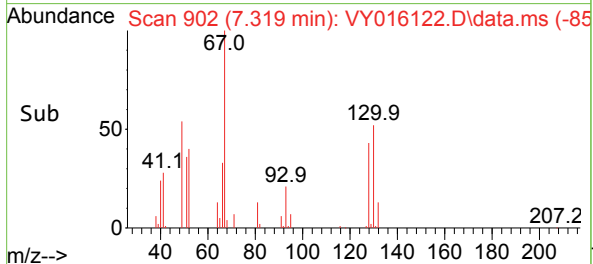
#41
Methacrylonitrile
Concen: 40.324 ug/l
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 34844

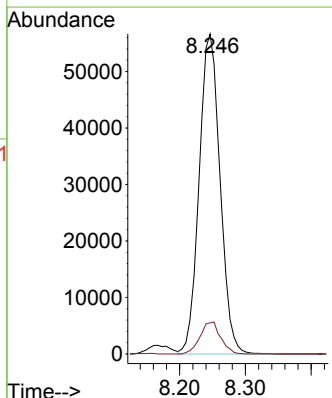
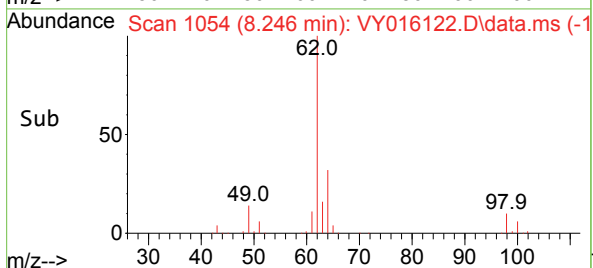
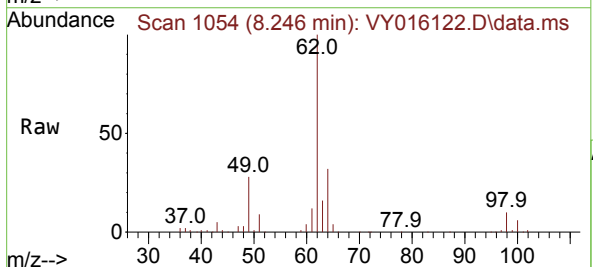
Ion	Ratio	Lower	Upper
41	100		
39	62.4	52.1	78.1
67	96.3	66.2	99.2
52	39.3	29.9	44.9

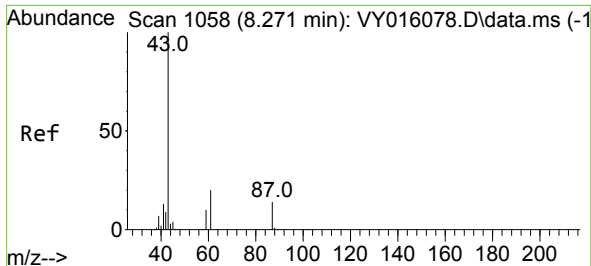


#42
1,2-Dichloroethane
Concen: 47.502 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 62 Resp: 125179

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8

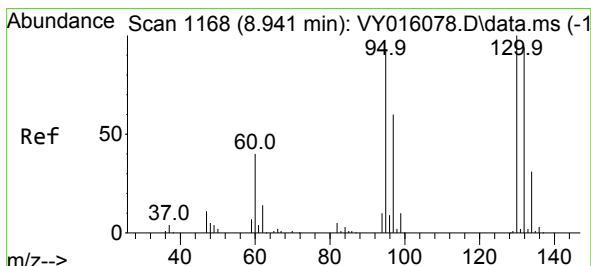
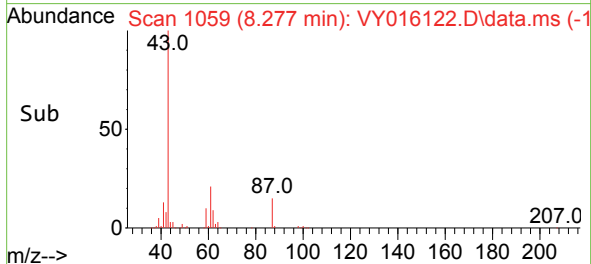
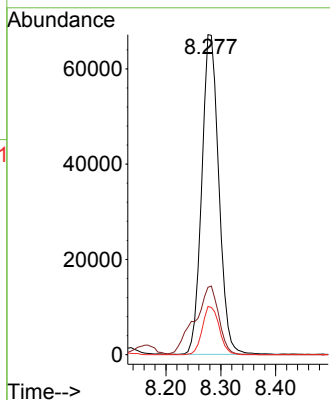
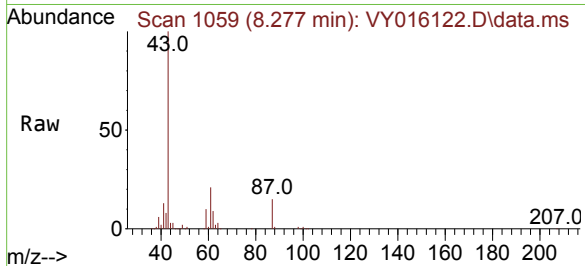




#43
Isopropyl Acetate
Concen: 46.825 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

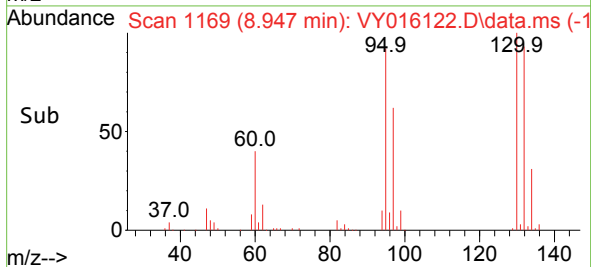
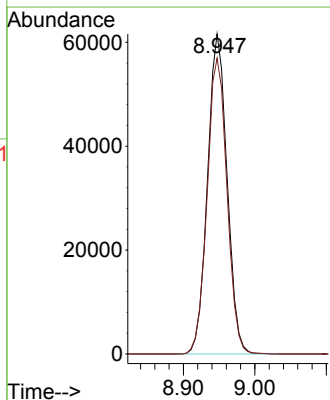
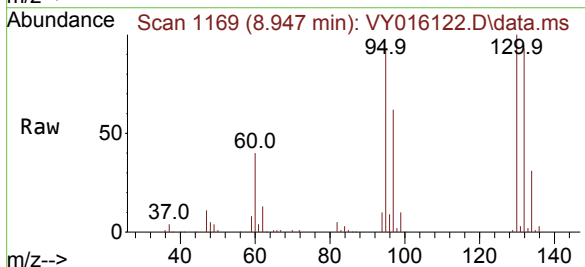
Instrument :
MSVOA_Y
ClientSampleId :

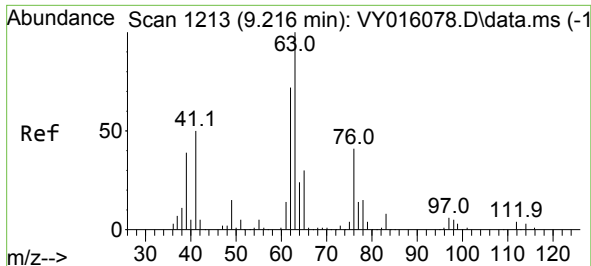
Tgt Ion: 43 Resp: 144552
Ion Ratio Lower Upper
43 100
61 30.4 21.1 31.7
87 15.0 9.8 14.8#



#44
Trichloroethene
Concen: 45.941 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion:130 Resp: 116994
Ion Ratio Lower Upper
130 100
95 92.4 0.0 196.0

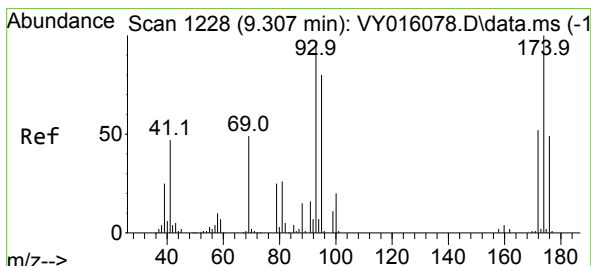
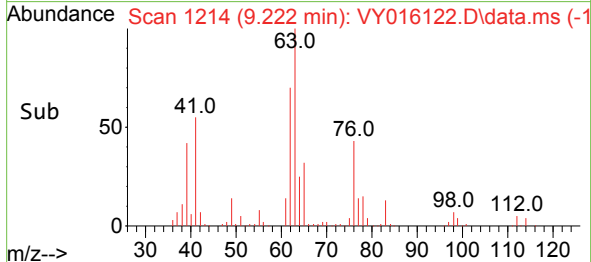
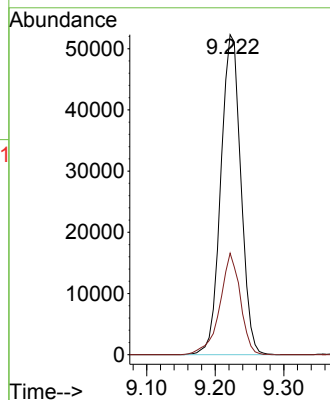
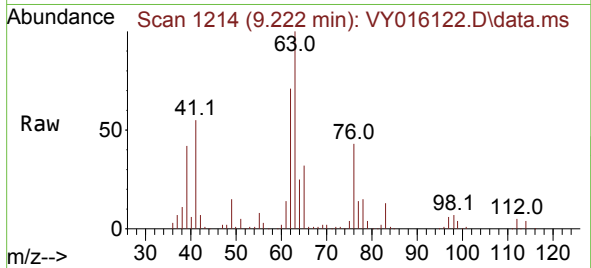




#45
1,2-Dichloropropane
Concen: 45.815 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

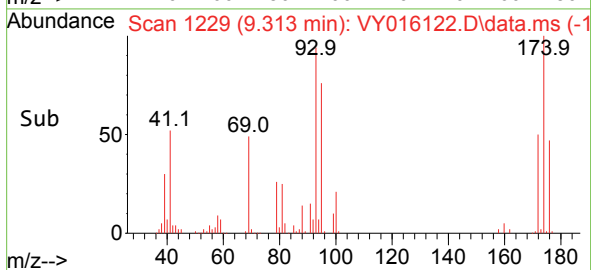
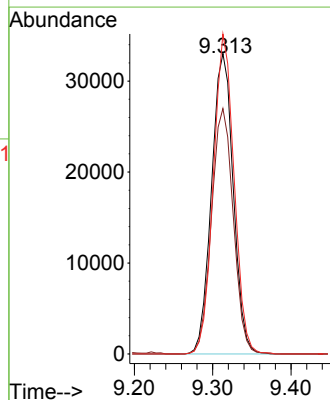
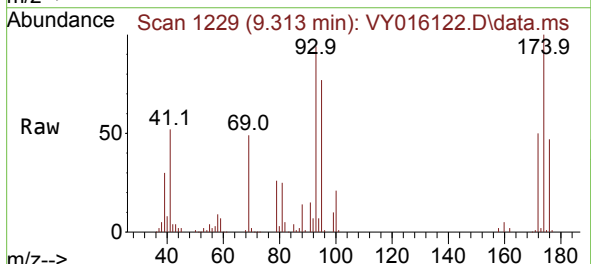
Instrument :
MSVOA_Y
ClientSampleId :

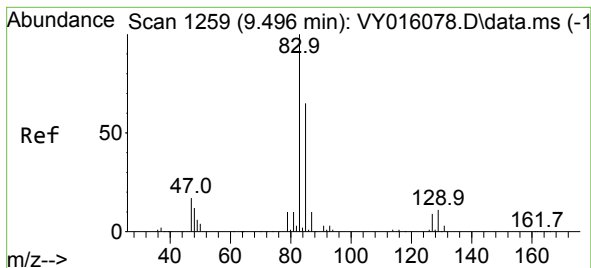
Tgt Ion: 63 Resp: 105752
Ion Ratio Lower Upper
63 100
65 31.7 23.8 35.6



#46
Dibromomethane
Concen: 47.024 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 93 Resp: 63643
Ion Ratio Lower Upper
93 100
95 82.0 66.6 100.0
174 101.6 84.8 127.2





#47

Bromodichloromethane

Concen: 46.606 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

ClientSampleId :

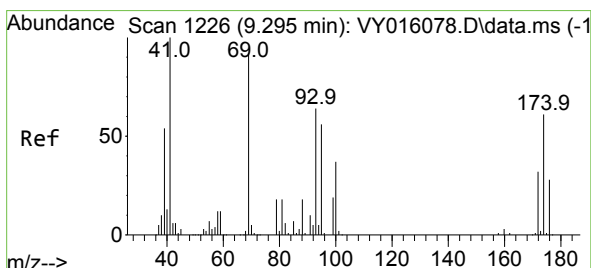
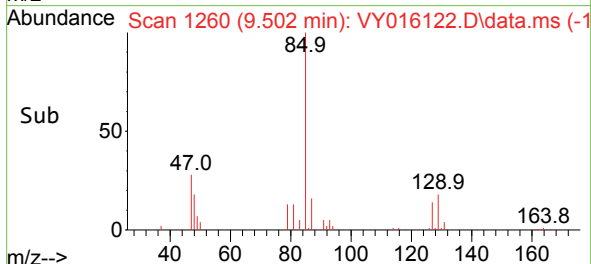
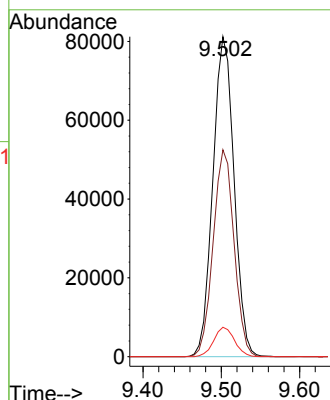
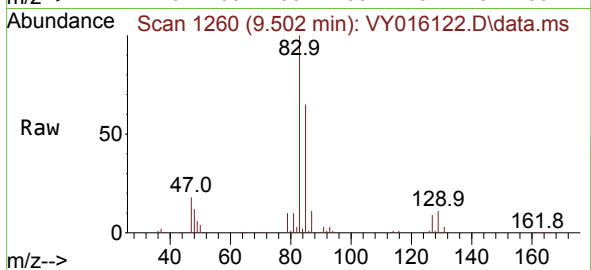
Tgt Ion: 83 Resp: 152548

Ion Ratio Lower Upper

83 100

85 64.6 50.1 75.1

127 9.2 7.1 10.7



#48

Methyl methacrylate

Concen: 47.366 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

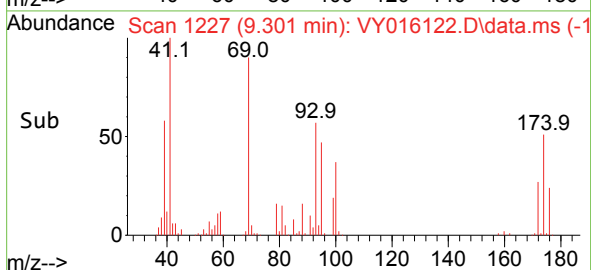
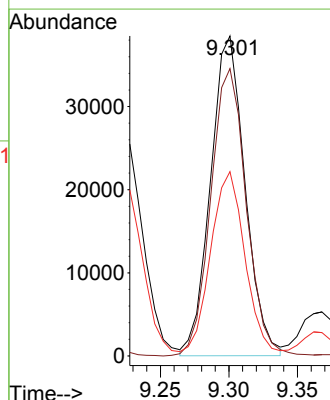
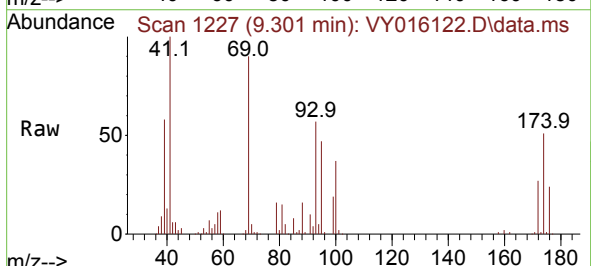
Tgt Ion: 41 Resp: 67365

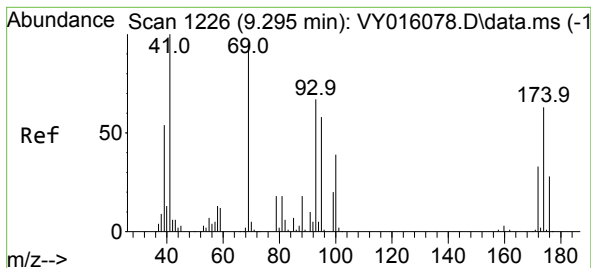
Ion Ratio Lower Upper

41 100

69 92.6 64.5 96.7

39 55.2 50.8 76.2





#49

1,4-Dioxane

Concen: 920.038 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

ClientSampleId :

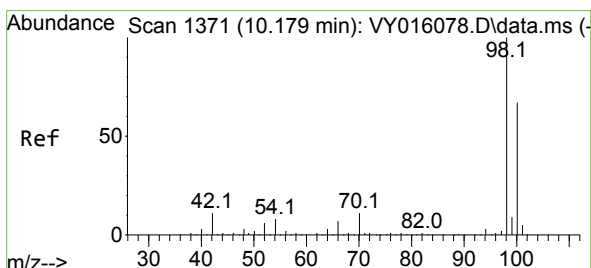
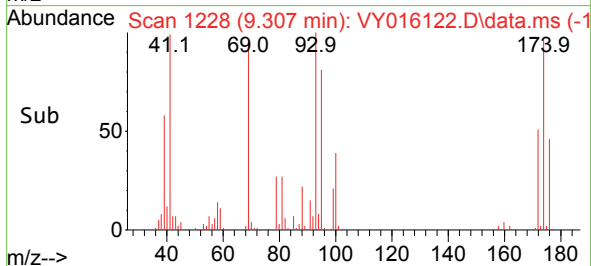
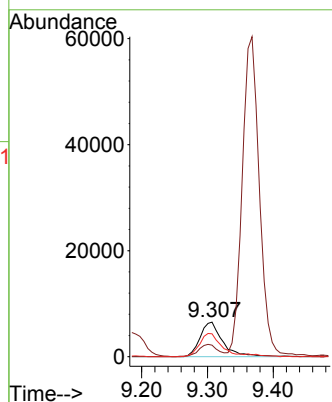
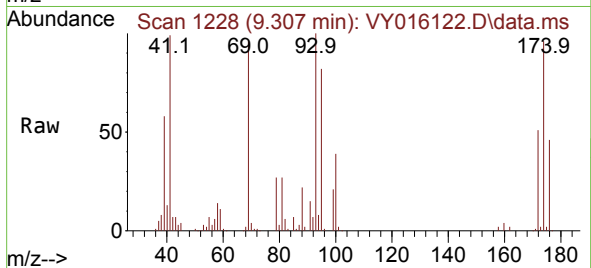
Tgt Ion: 88 Resp: 15579

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

58 70.0 30.9 46.3#



#50

Toluene-d8

Concen: 49.885 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY016122.D

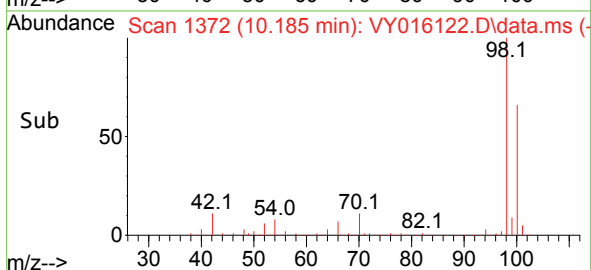
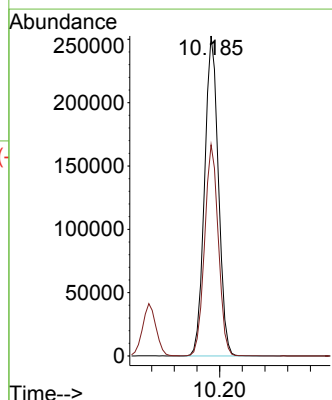
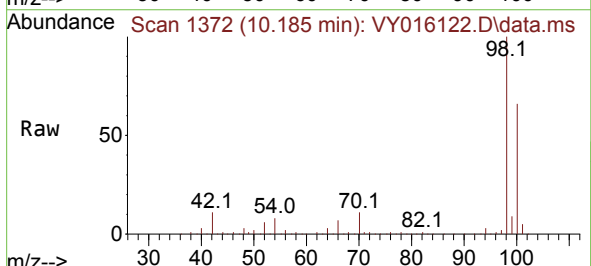
Acq: 30 Oct 2023 09:43

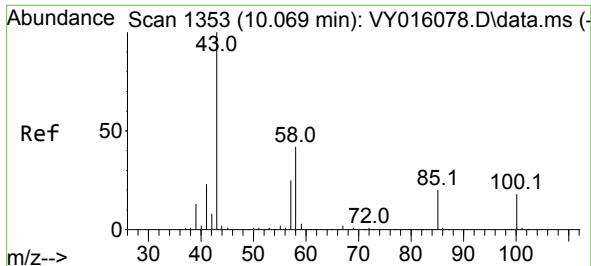
Tgt Ion: 98 Resp: 427018

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 234.216 ug/l

RT: 10.075 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

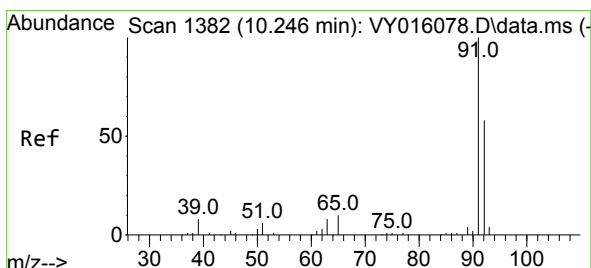
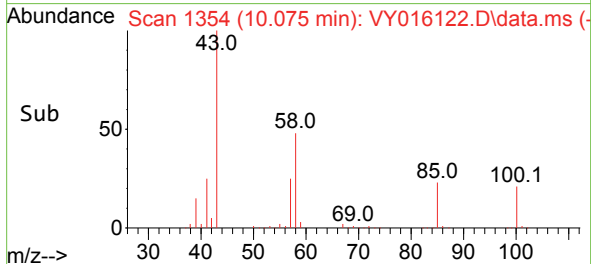
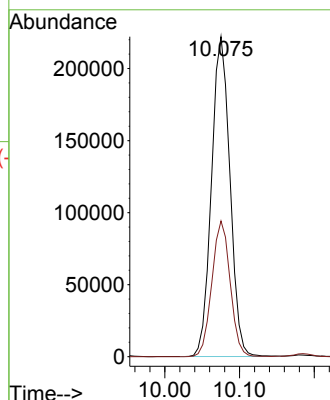
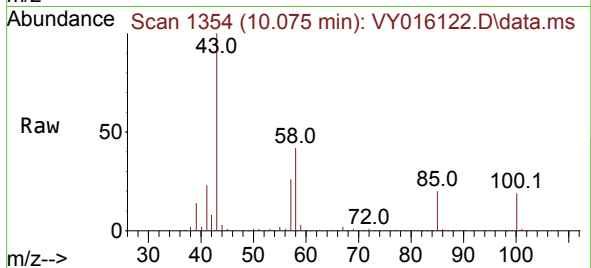
ClientSampleId :

Tgt Ion: 43 Resp: 381524

Ion Ratio Lower Upper

43 100

58 42.0 29.0 43.6



#52

Toluene

Concen: 45.926 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY016122.D

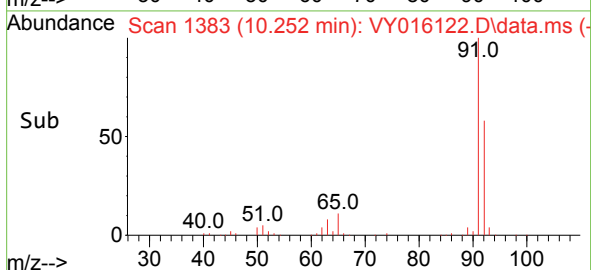
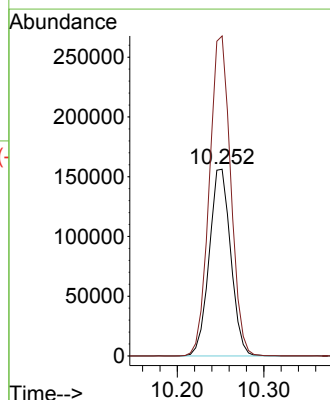
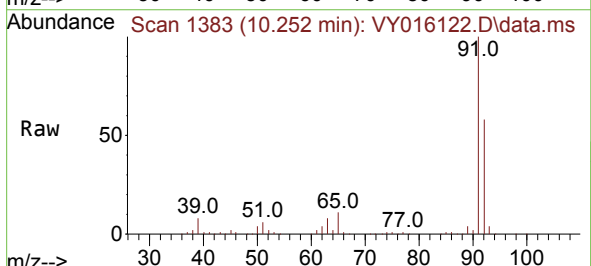
Acq: 30 Oct 2023 09:43

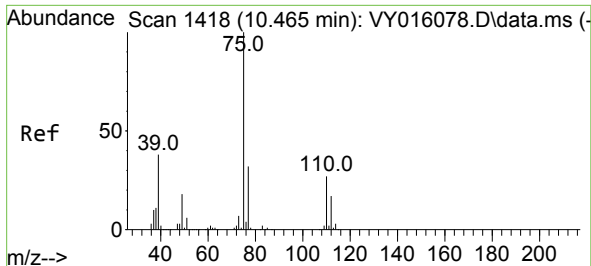
Tgt Ion: 92 Resp: 268960

Ion Ratio Lower Upper

92 100

91 170.7 143.8 215.6

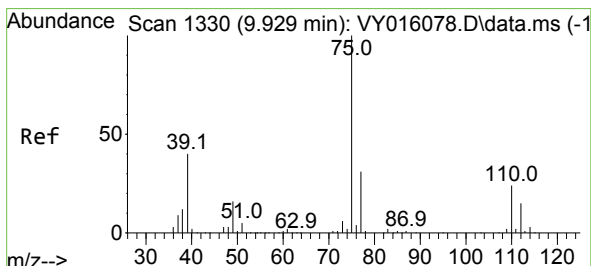
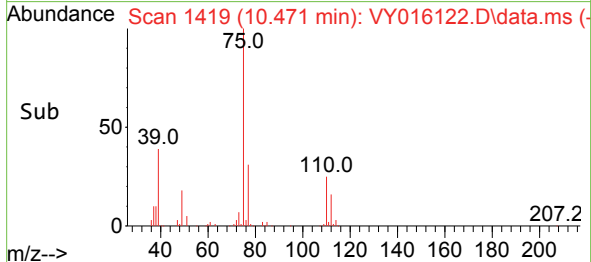
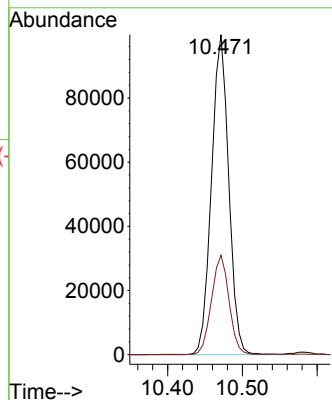
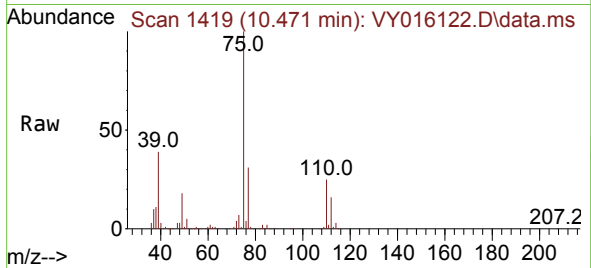




#53
 t-1,3-Dichloropropene
 Concen: 47.719 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY016122.D
 Acq: 30 Oct 2023 09:43

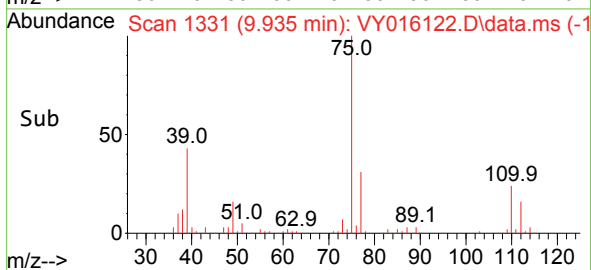
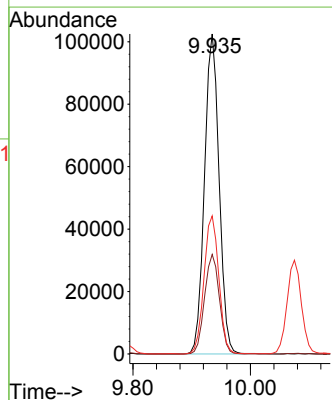
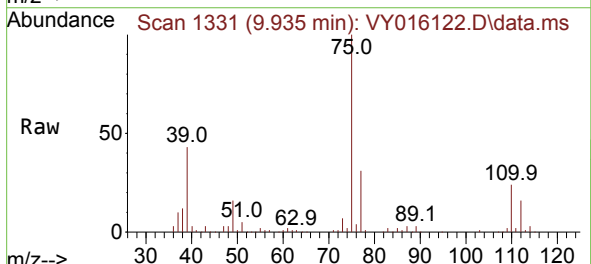
Instrument :
 MSVOA_Y
 ClientSampleId :

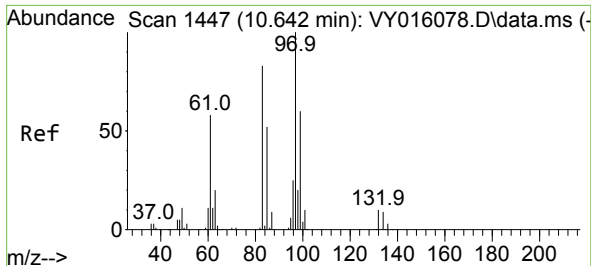
Tgt Ion: 75 Resp: 159721
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 46.862 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY016122.D
 Acq: 30 Oct 2023 09:43

Tgt Ion: 75 Resp: 177379
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.4
 39 43.1 42.2 63.4

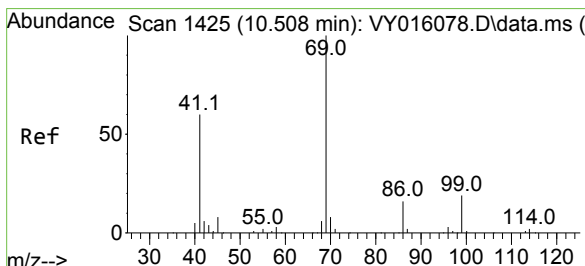
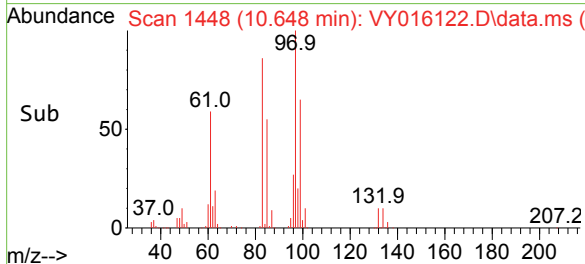
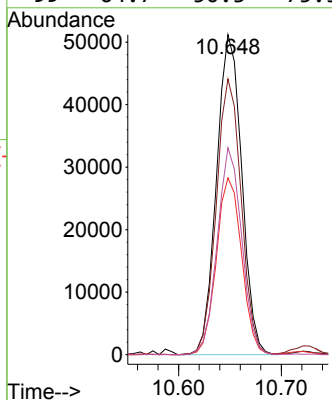
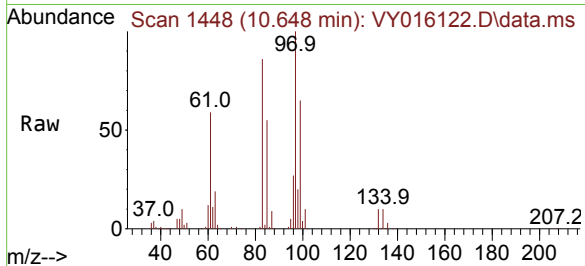




#55
1,1,2-Trichloroethane
Concen: 45.403 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

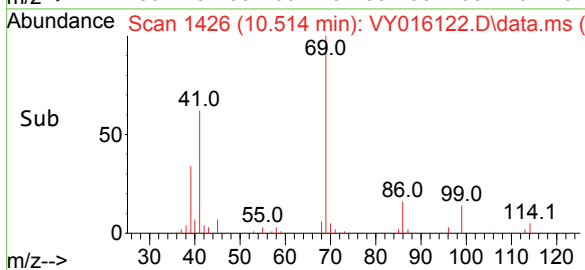
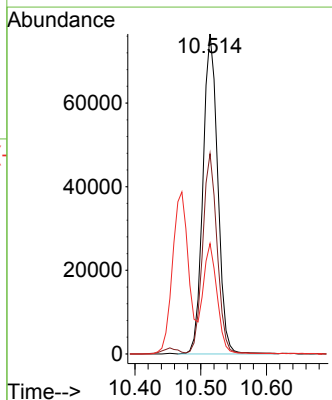
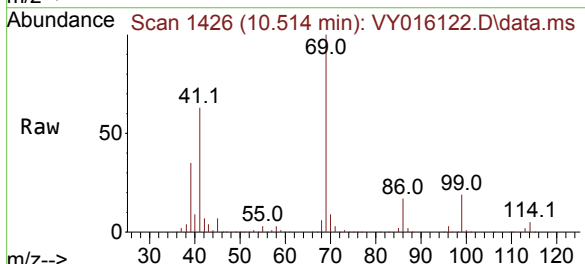
Instrument :
MSVOA_Y
ClientSampleId :

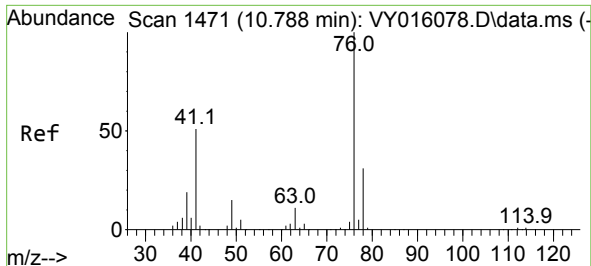
Tgt Ion: 97	Resp: 87307
Ion Ratio	Lower Upper
97 100	
83 86.2	72.0 108.0
85 55.3	45.4 68.0
99 64.7	50.3 75.5



#56
Ethyl methacrylate
Concen: 48.467 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 69	Resp: 119777
Ion Ratio	Lower Upper
69 100	
41 61.1	57.6 86.4
39 31.8	34.1 51.1#





#57

1,3-Dichloropropane

Concen: 46.141 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

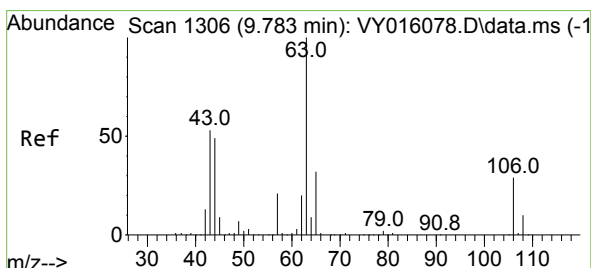
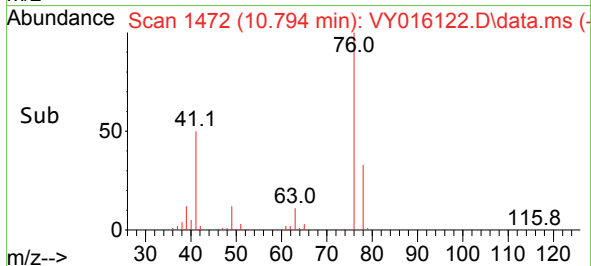
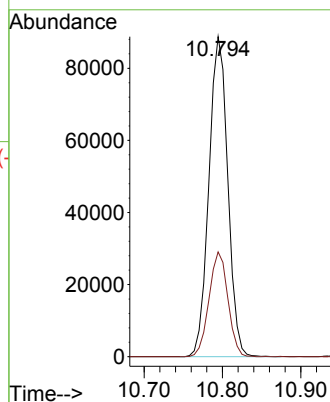
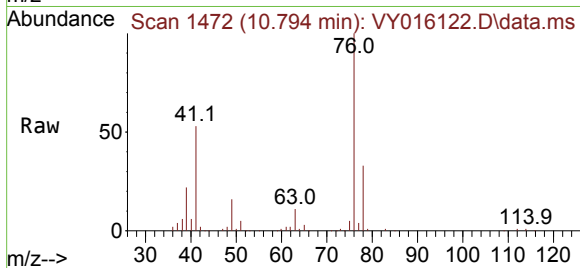
ClientSampleId :

Tgt Ion: 76 Resp: 148320

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 235.957 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY016122.D

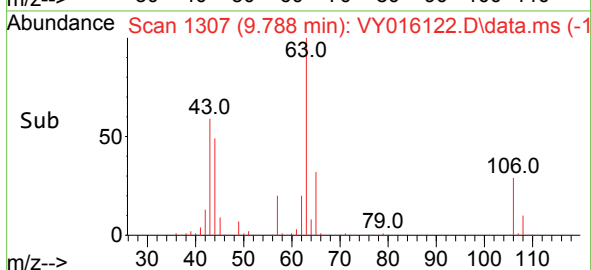
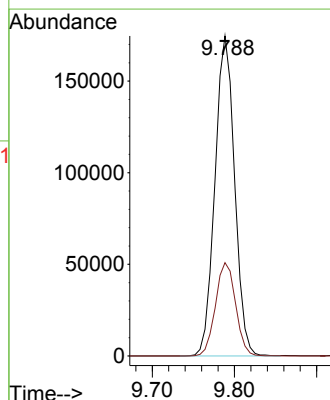
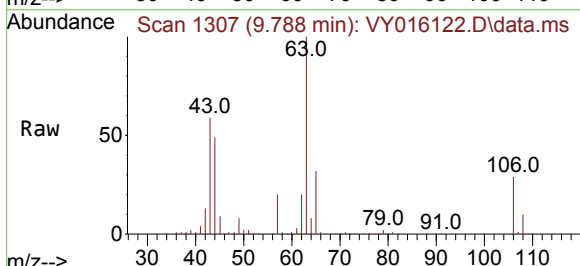
Acq: 30 Oct 2023 09:43

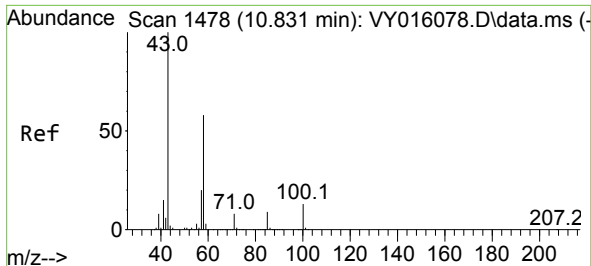
Tgt Ion: 63 Resp: 290296

Ion Ratio Lower Upper

63 100

106 29.8 21.2 31.8

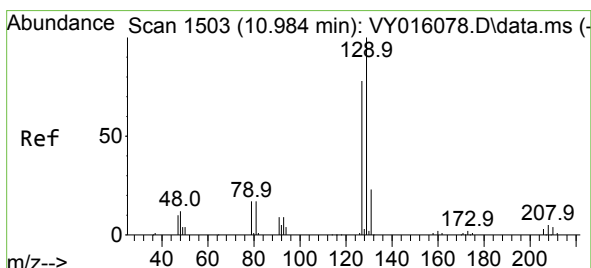
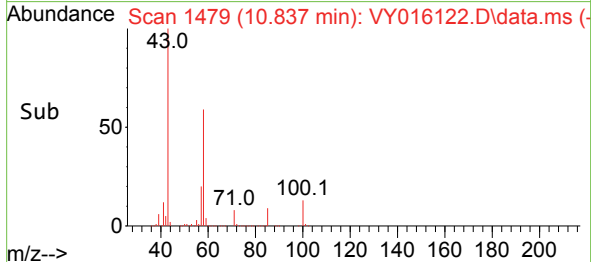
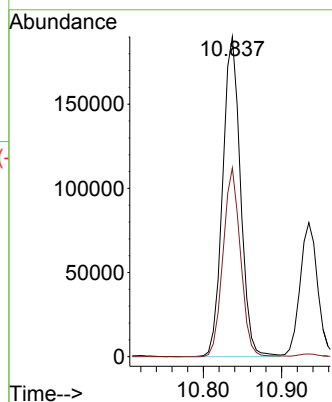
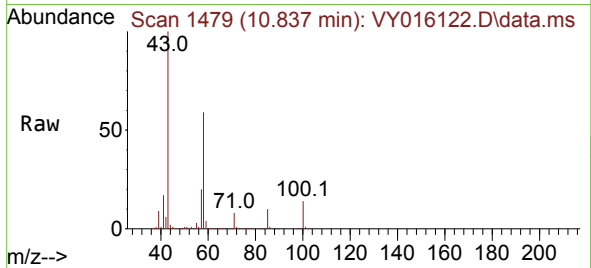




#59
2-Hexanone
Concen: 250.966 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

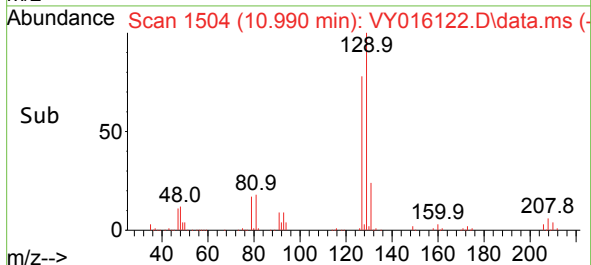
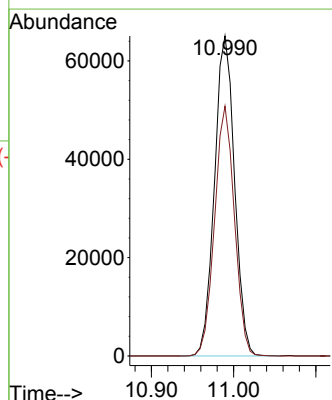
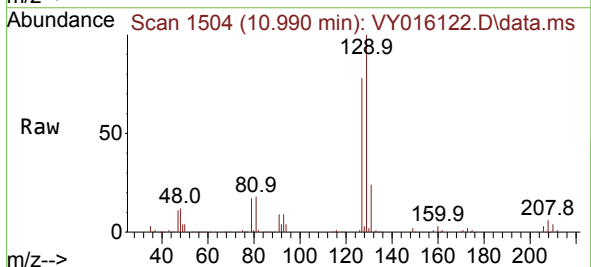
Instrument :
MSVOA_Y
ClientSampleId :

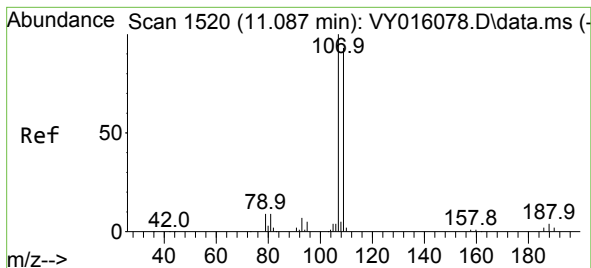
Tgt Ion: 43 Resp: 301142
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3



#60
Dibromochloromethane
Concen: 46.869 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion:129 Resp: 110367
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 46.074 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

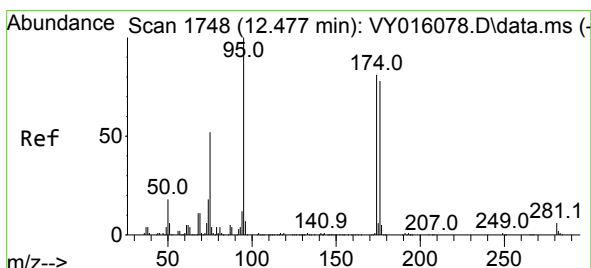
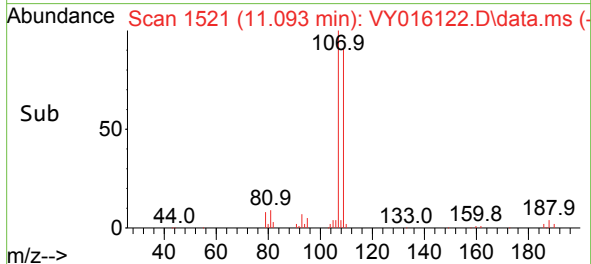
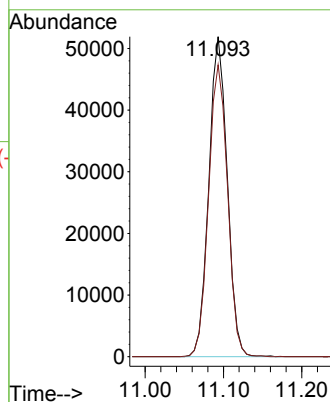
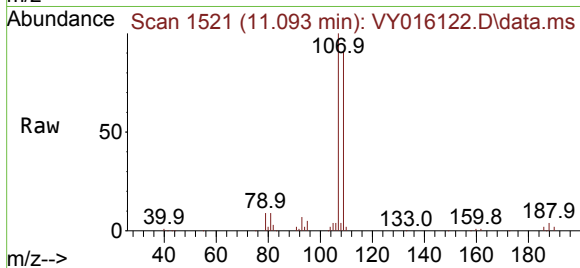
ClientSampleId :

Tgt Ion:107 Resp: 84839

Ion Ratio Lower Upper

107 100

109 93.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 50.070 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

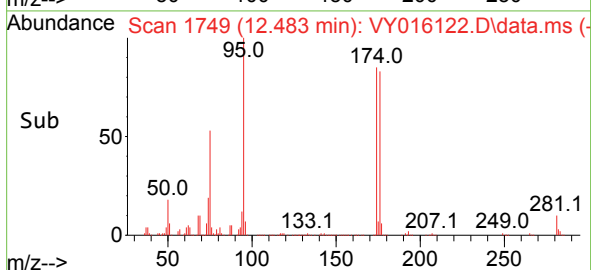
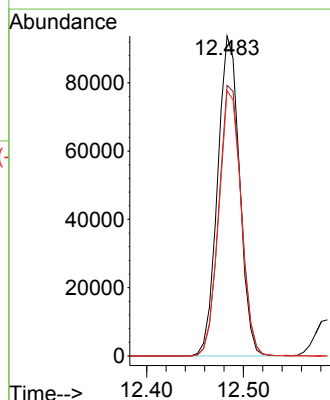
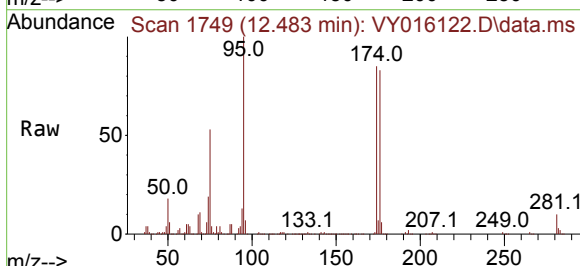
Tgt Ion: 95 Resp: 147019

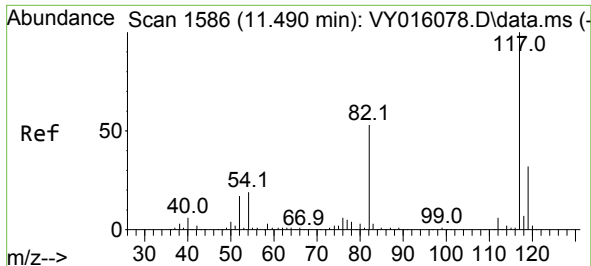
Ion Ratio Lower Upper

95 100

174 86.5 0.0 178.2

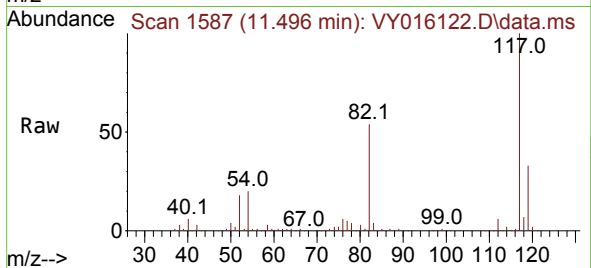
176 84.2 0.0 173.8



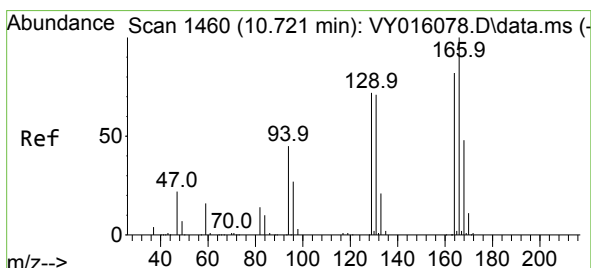
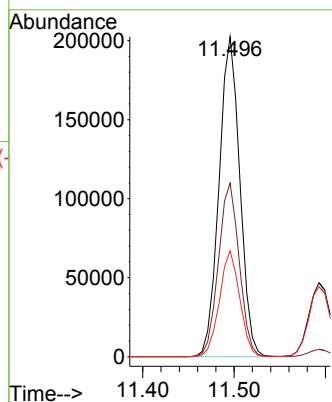
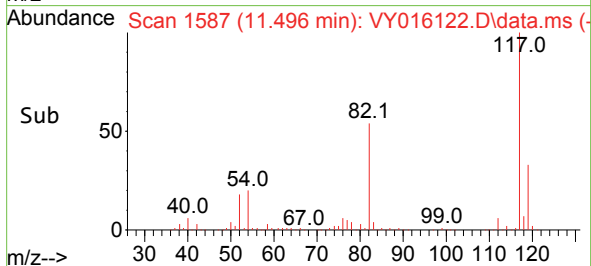


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

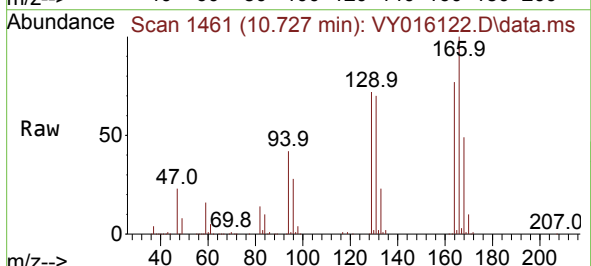
Instrument :
MSVOA_Y
ClientSampleId :



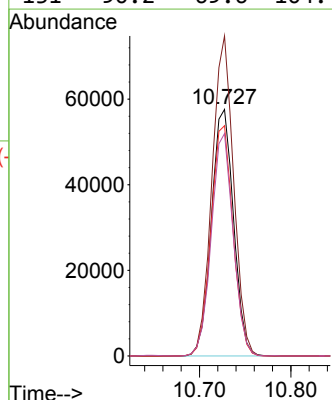
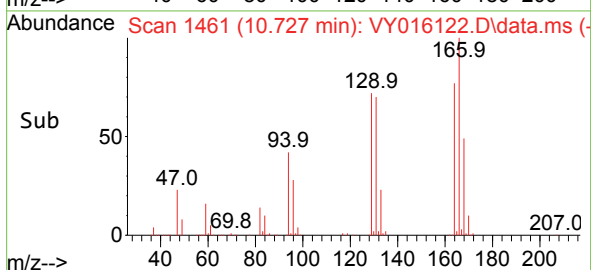
Tgt Ion:117 Resp: 320193
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 33.1 26.3 39.5

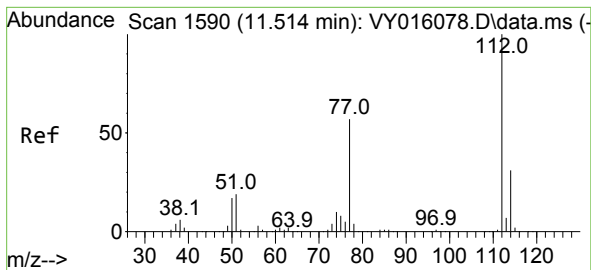


#64
Tetrachloroethene
Concen: 45.782 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43



Tgt Ion:164 Resp: 97007
Ion Ratio Lower Upper
164 100
166 129.8 103.0 154.6
129 93.4 77.2 115.8
131 90.2 69.6 104.4

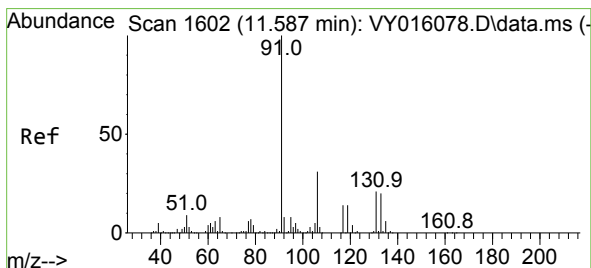
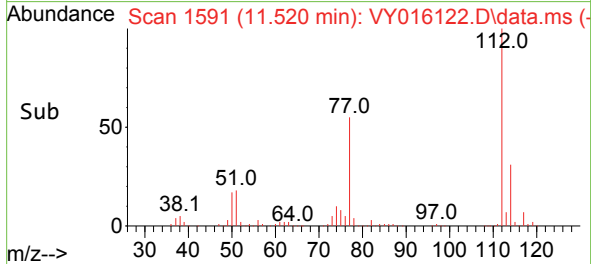
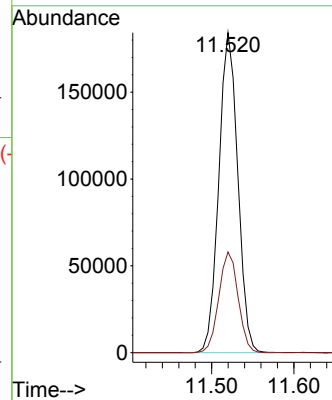
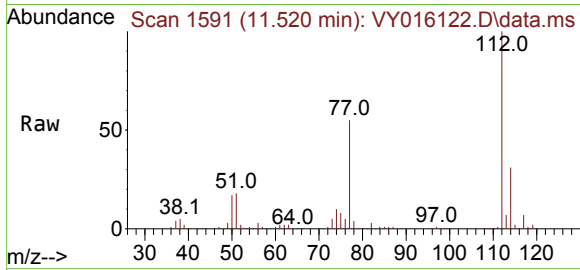




#65
Chlorobenzene
Concen: 46.963 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

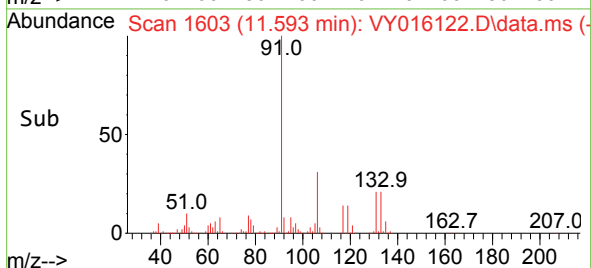
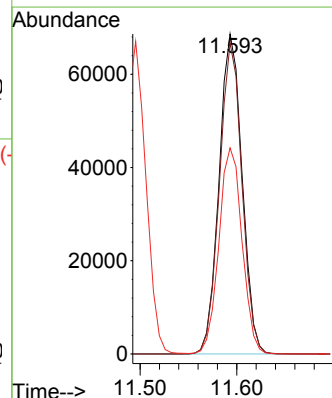
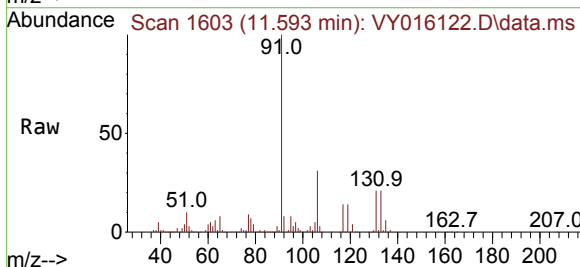
Instrument :
MSVOA_Y
ClientSampleId :

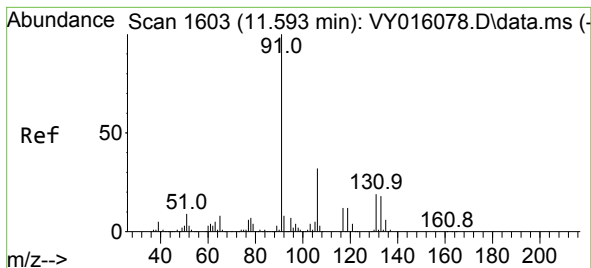
Tgt Ion:112 Resp: 295508
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.154 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion:131 Resp: 113155
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 64.8 31.6 94.7





#67

Ethyl Benzene

Concen: 46.902 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

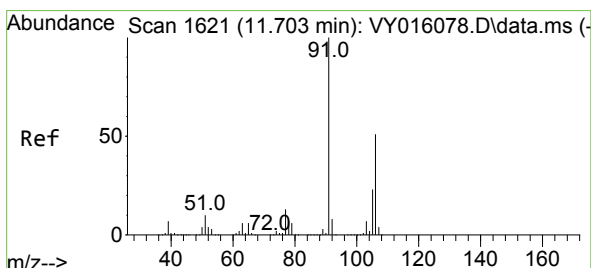
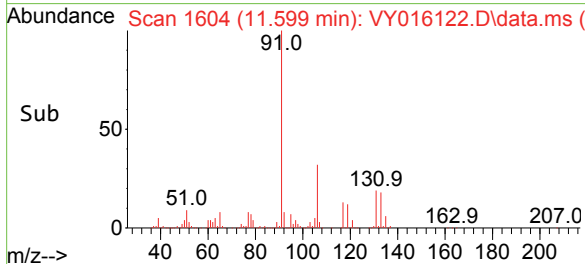
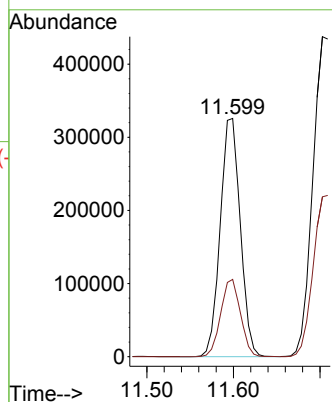
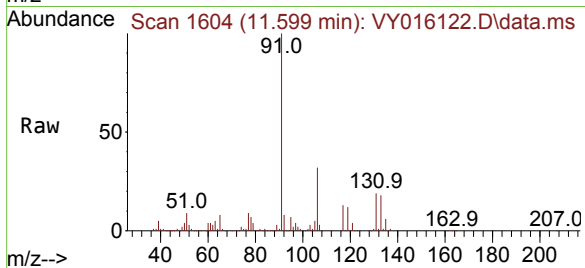
ClientSampleId :

Tgt Ion: 91 Resp: 524200

Ion Ratio Lower Upper

91 100

106 32.4 24.6 36.8



#68

m/p-Xylenes

Concen: 94.740 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY016122.D

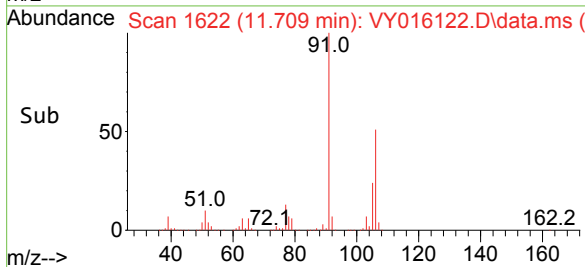
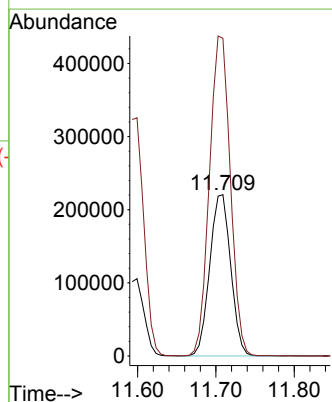
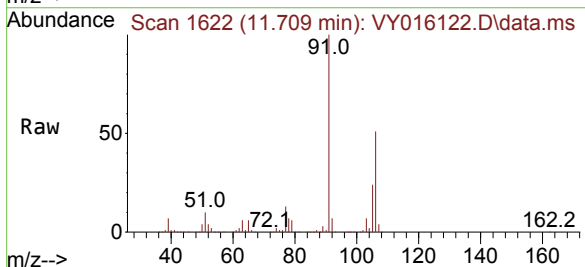
Acq: 30 Oct 2023 09:43

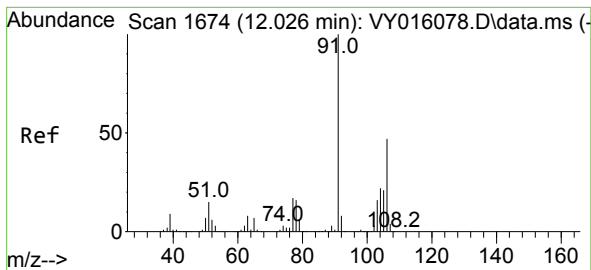
Tgt Ion:106 Resp: 409765

Ion Ratio Lower Upper

106 100

91 197.7 166.1 249.1





#69

o-Xylene

Concen: 47.687 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

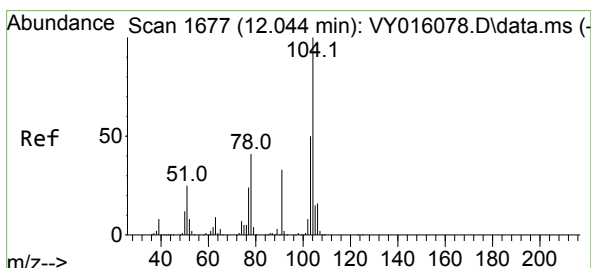
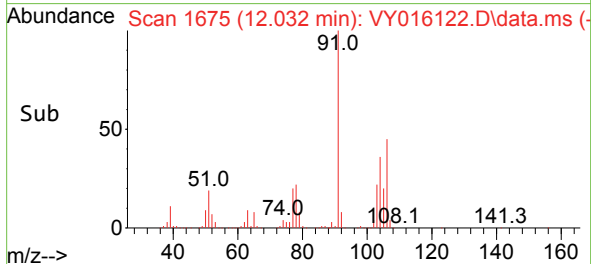
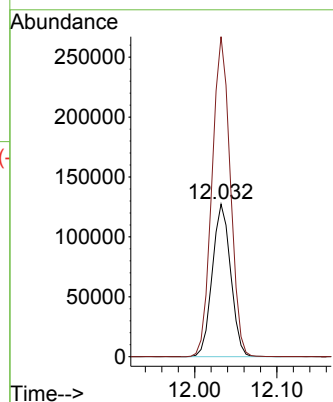
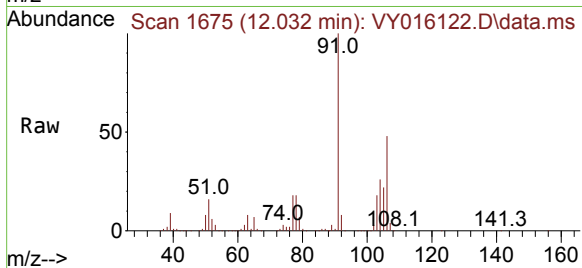
ClientSampleId :

Tgt Ion:106 Resp: 197457

Ion Ratio Lower Upper

106 100

91 209.3 108.1 324.3



#70

Styrene

Concen: 48.306 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

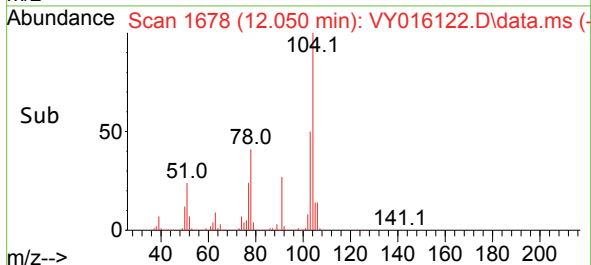
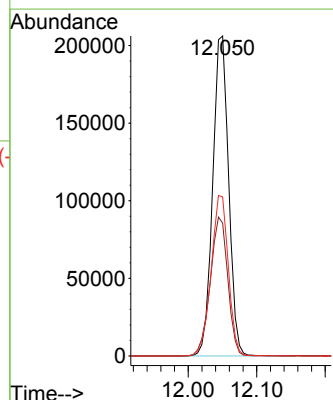
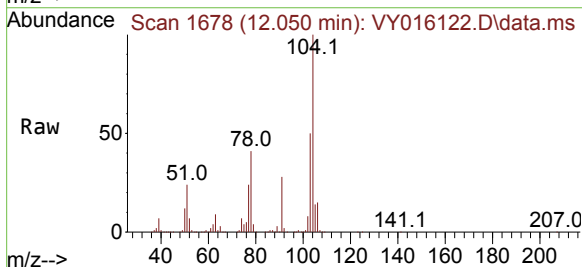
Tgt Ion:104 Resp: 333421

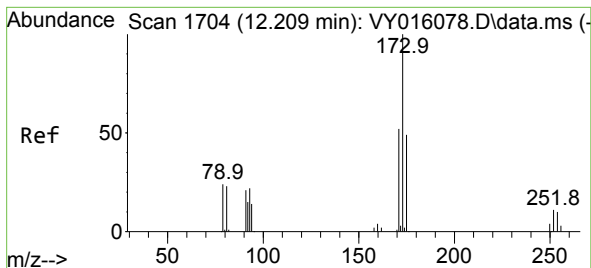
Ion Ratio Lower Upper

104 100

78 47.8 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 48.933 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

ClientSampleId :

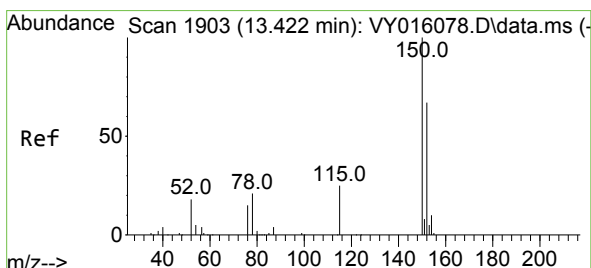
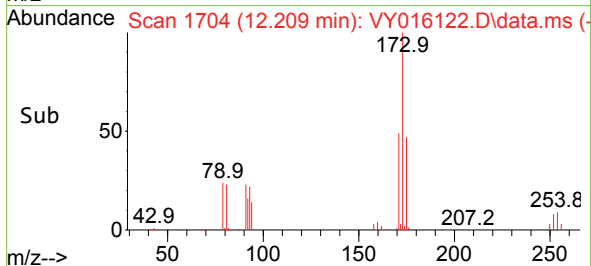
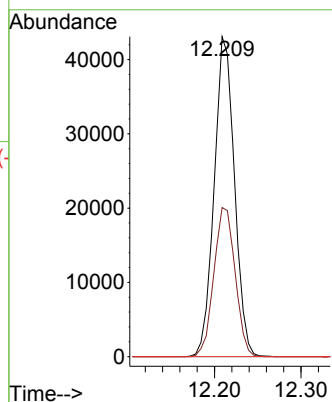
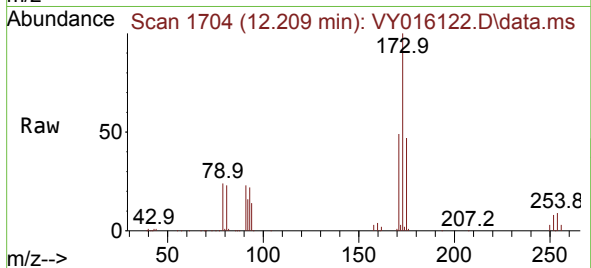
Tgt Ion:173 Resp: 70042

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

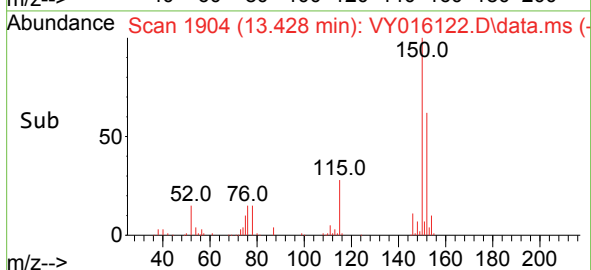
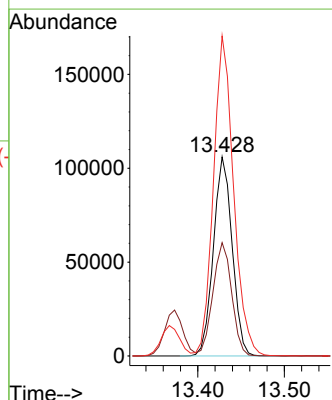
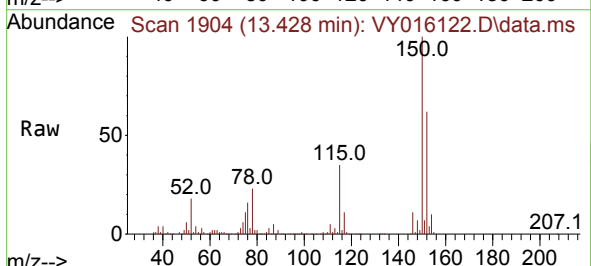
Tgt Ion:152 Resp: 159704

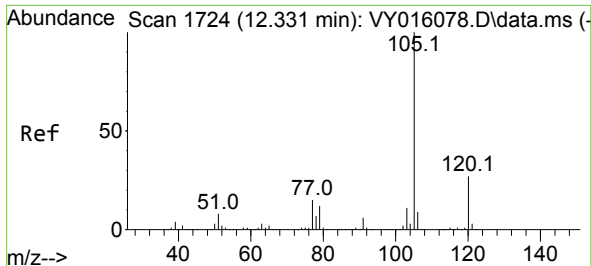
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

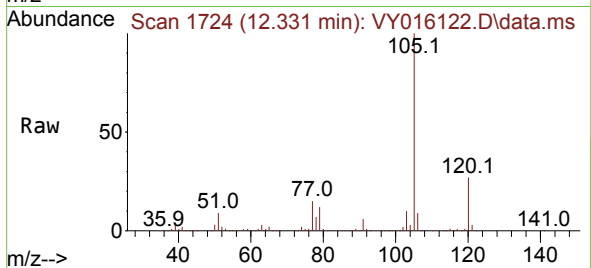
150 173.0 0.0 348.8



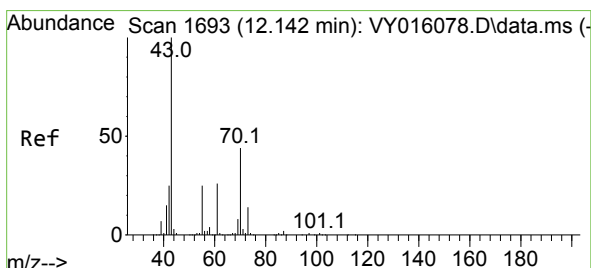
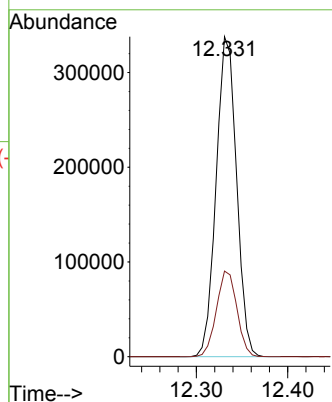
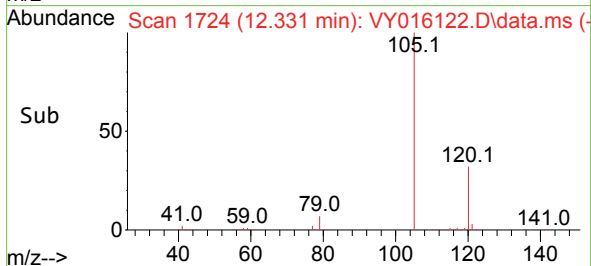


#73
Isopropylbenzene
Concen: 46.561 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

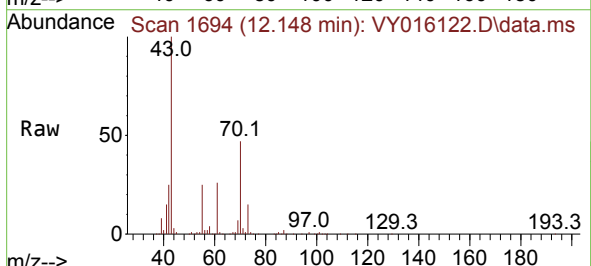
Instrument :
MSVOA_Y
ClientSampleId :



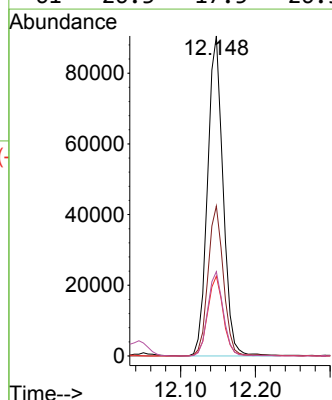
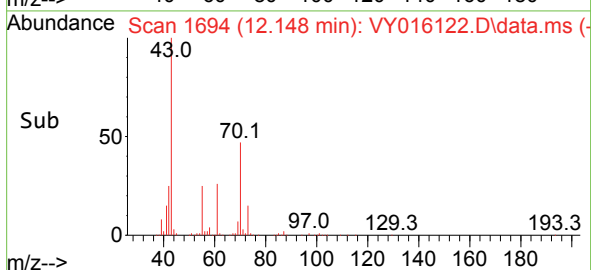
Tgt Ion:105 Resp: 523322
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

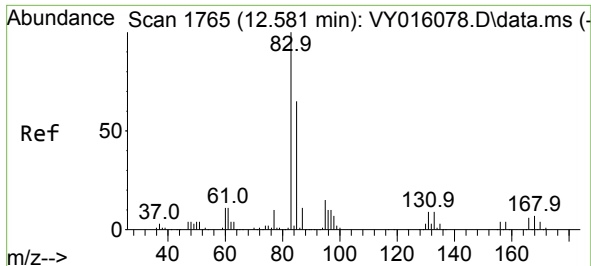


#74
N-ethyl acetate
Concen: 47.667 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43



Tgt Ion: 43 Resp: 130634
Ion Ratio Lower Upper
43 100
70 46.2 29.7 44.5#
55 25.2 18.3 27.5
61 26.3 17.5 26.3#

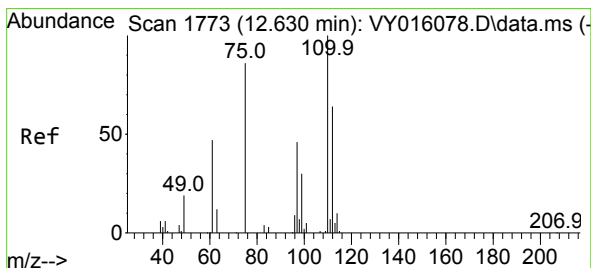
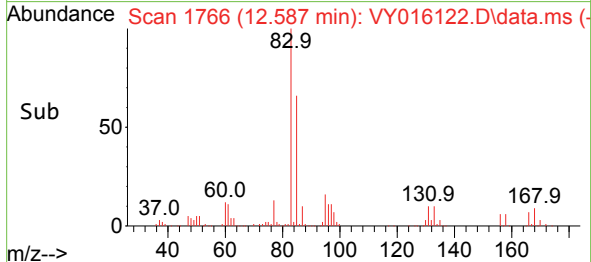
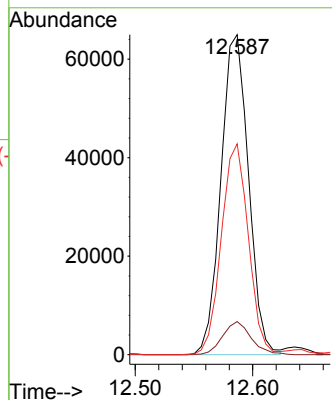
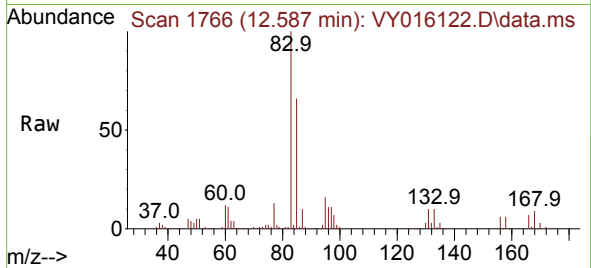




#75
1,1,2,2-Tetrachloroethane
Concen: 46.141 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

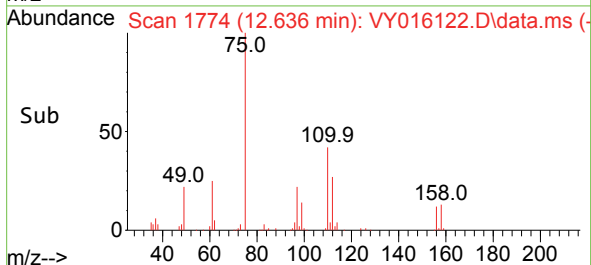
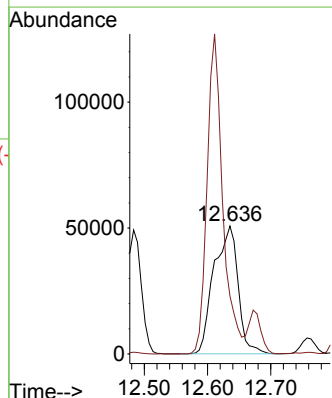
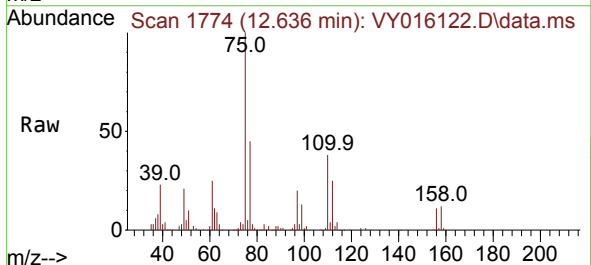
Instrument :
MSVOA_Y
ClientSampleId :

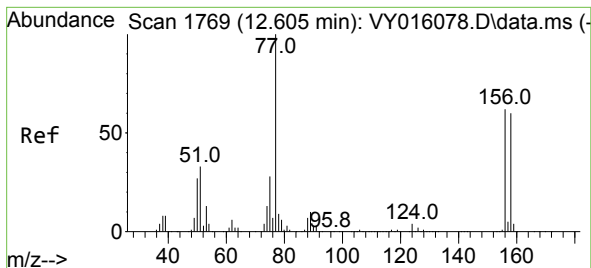
Tgt Ion: 83 Resp: 106011
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 64.7 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 82.488 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 75 Resp: 134498
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.212 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

ClientSampleId :

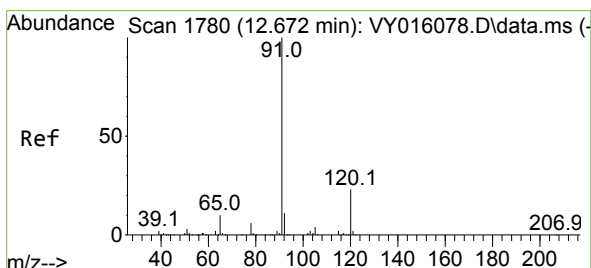
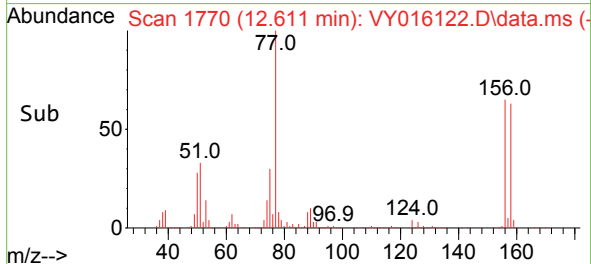
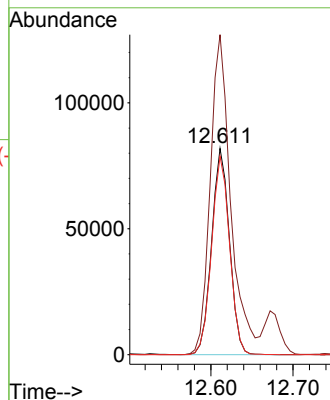
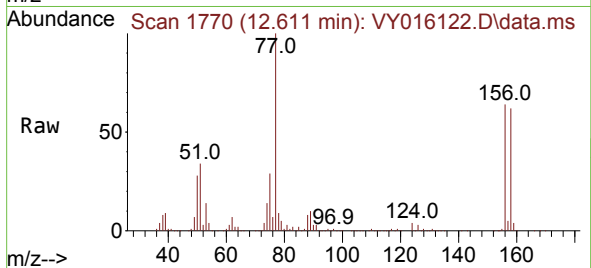
Tgt Ion:156 Resp: 123842

Ion Ratio Lower Upper

156 100

77 176.9 92.8 278.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 45.993 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY016122.D

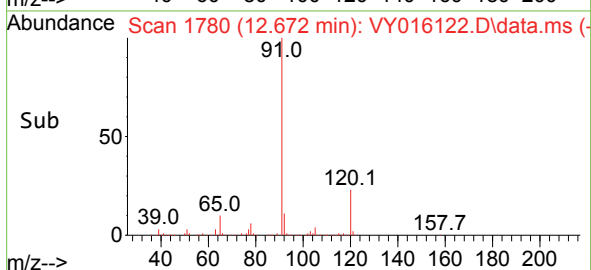
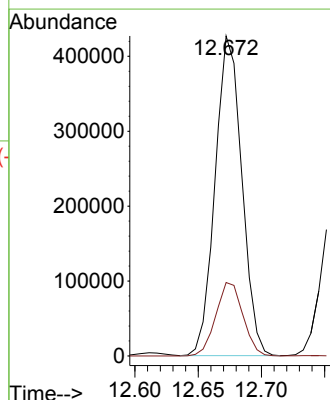
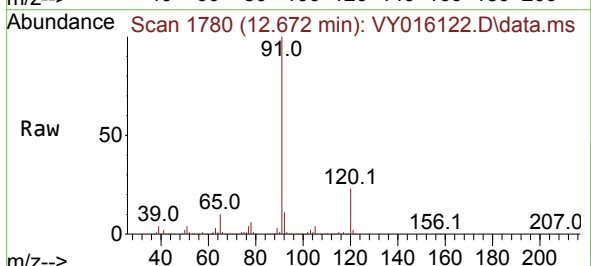
Acq: 30 Oct 2023 09:43

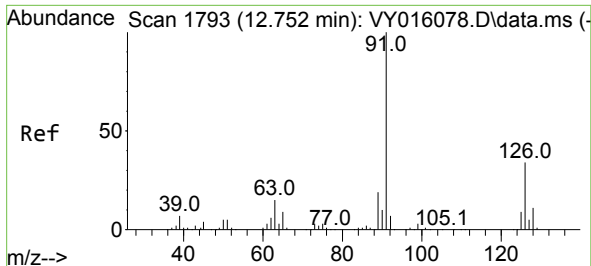
Tgt Ion: 91 Resp: 625911

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

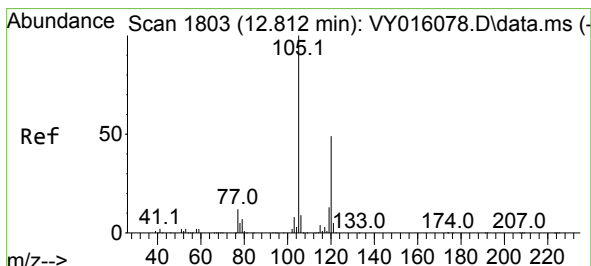
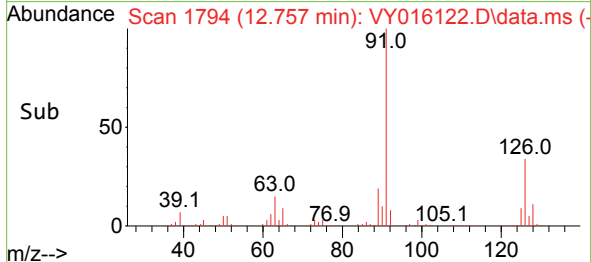
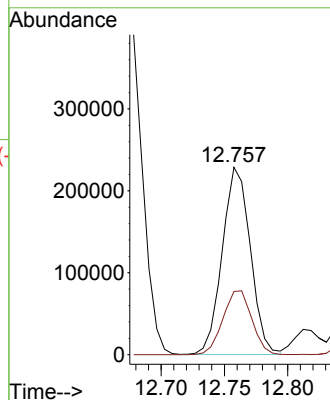
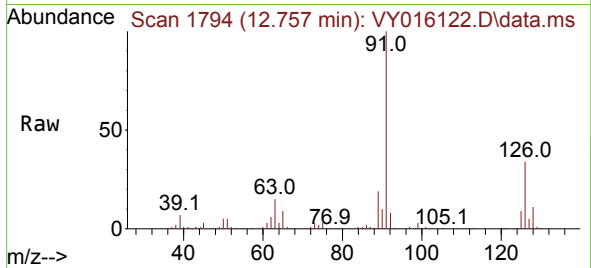




#79
2-Chlorotoluene
Concen: 46.378 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

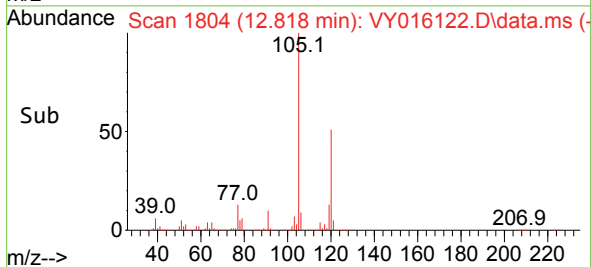
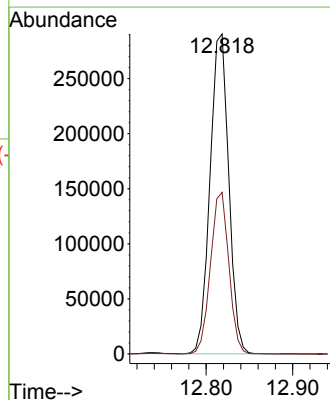
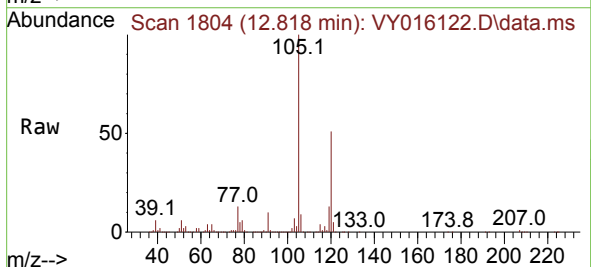
Instrument :
MSVOA_Y
ClientSampleId :

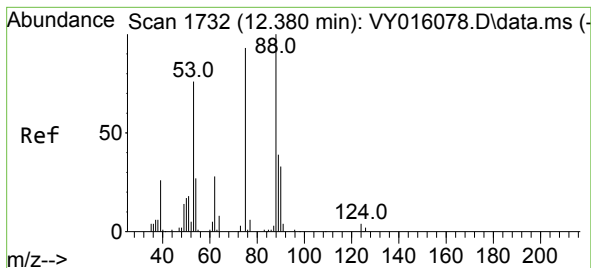
Tgt Ion: 91 Resp: 353482
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 46.725 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 105 Resp: 436016
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7

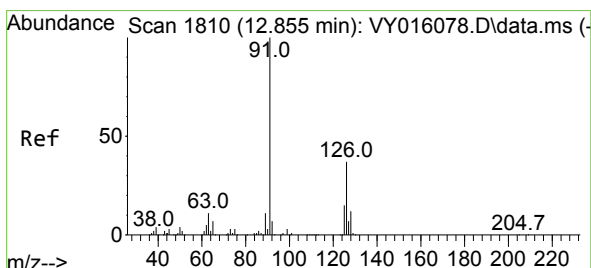
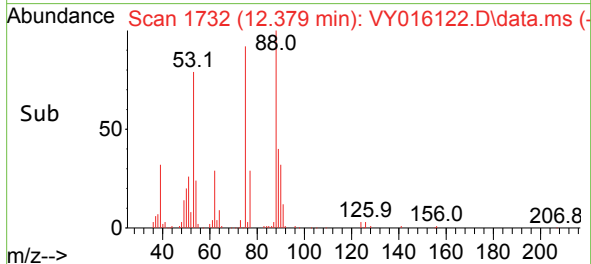
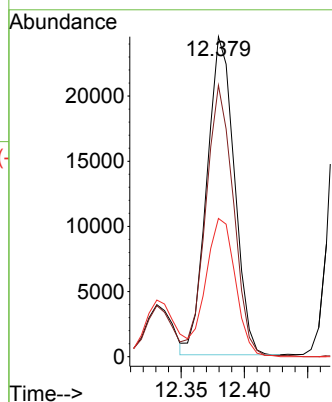
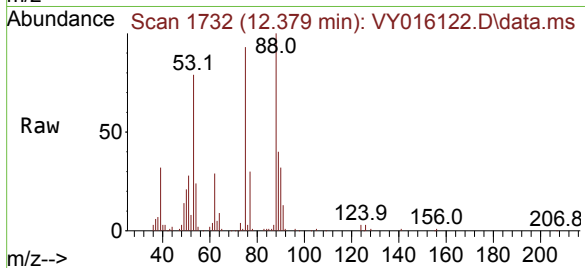




#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.239 ug/l
 RT: 12.379 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY016122.D
 Acq: 30 Oct 2023 09:43

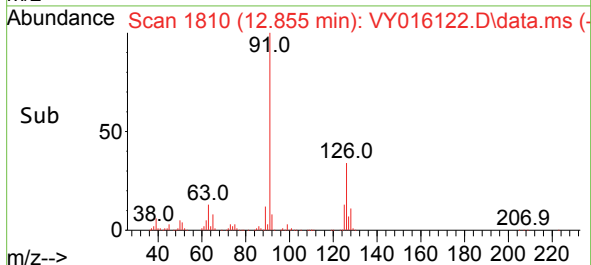
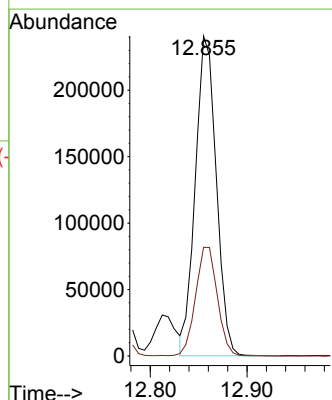
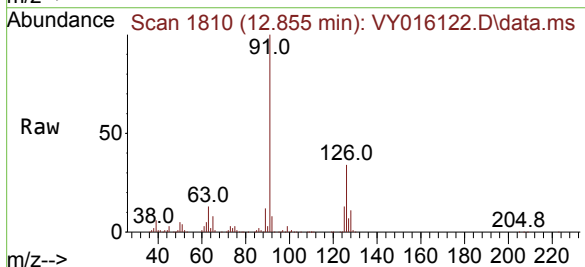
Instrument :
 MSVOA_Y
 ClientSampleId :

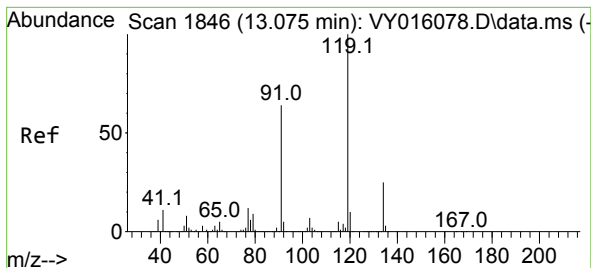
Tgt Ion: 75 Resp: 36945
 Ion Ratio Lower Upper
 75 100
 53 86.3 77.8 116.8
 89 46.6 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 45.898 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VY016122.D
 Acq: 30 Oct 2023 09:43

Tgt Ion: 91 Resp: 362788
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 47.983 ug/l

RT: 13.081 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

ClientSampleId :

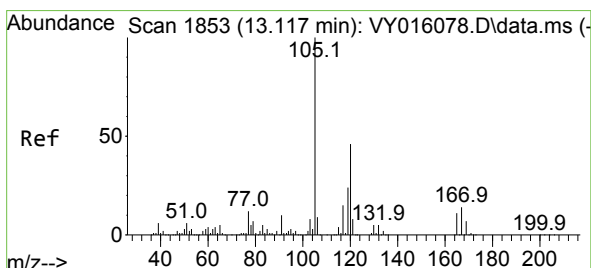
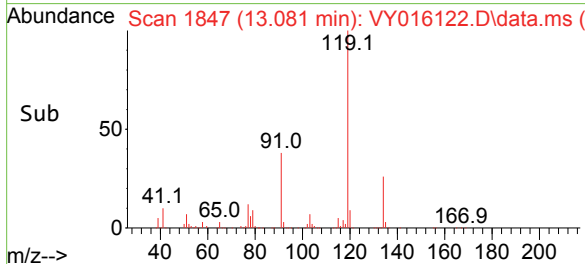
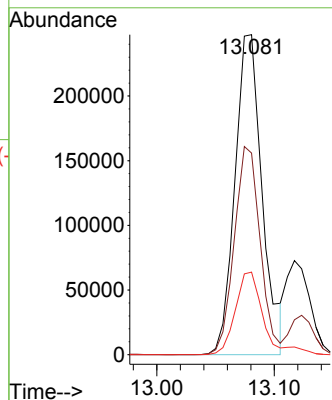
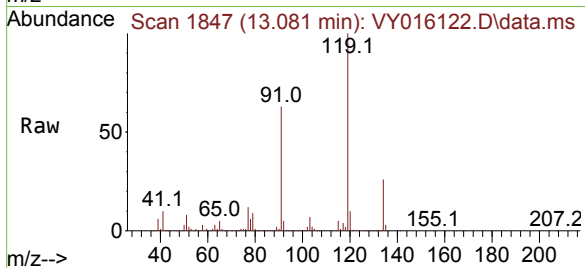
Tgt Ion:119 Resp: 398004

Ion Ratio Lower Upper

119 100

91 62.1 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 46.816 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016122.D

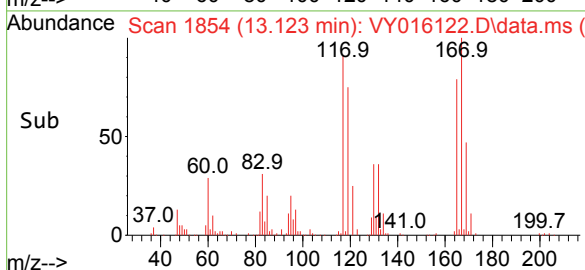
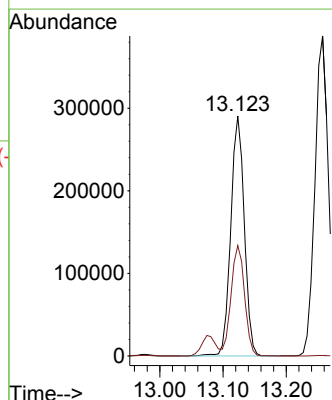
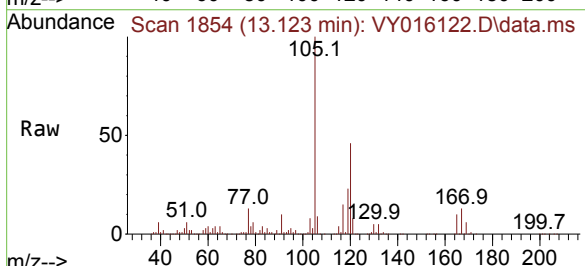
Acq: 30 Oct 2023 09:43

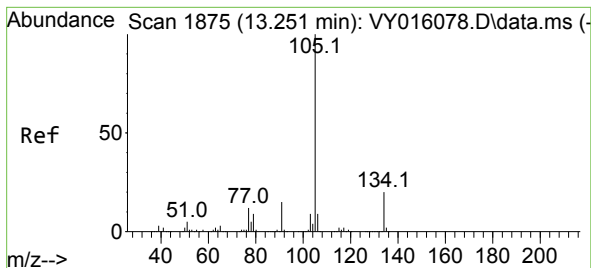
Tgt Ion:105 Resp: 431464

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 46.495 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

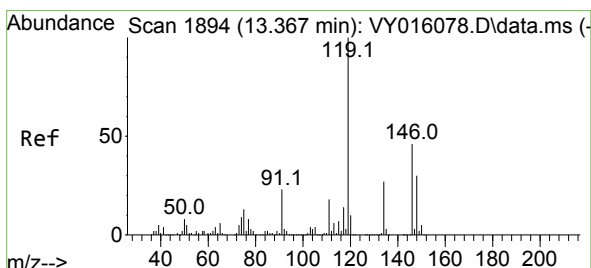
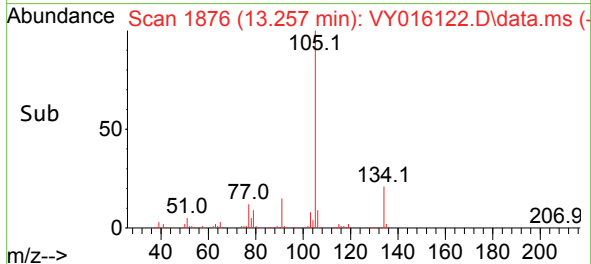
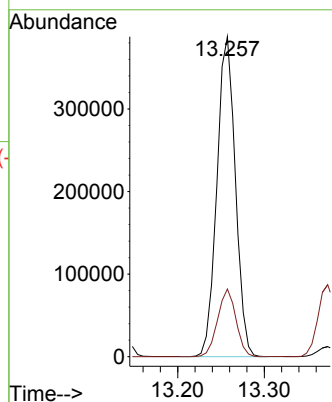
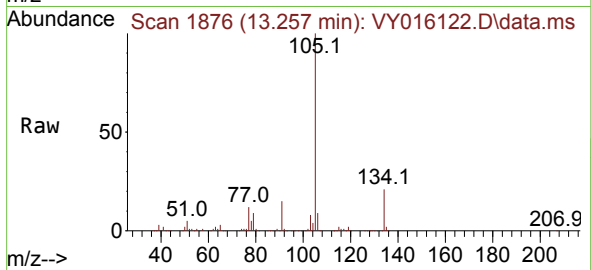
ClientSampleId :

Tgt Ion:105 Resp: 574399

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 46.756 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

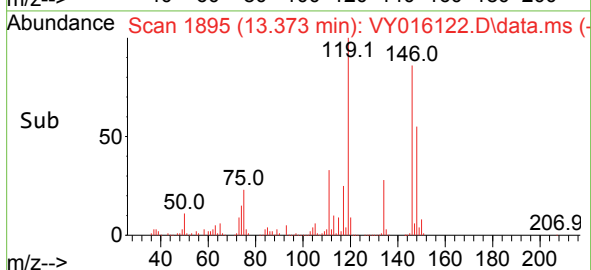
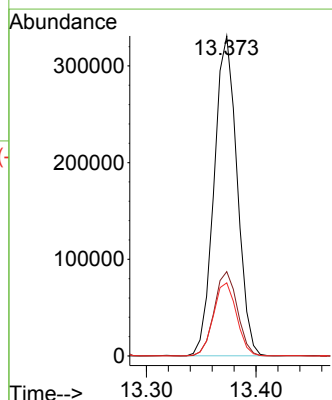
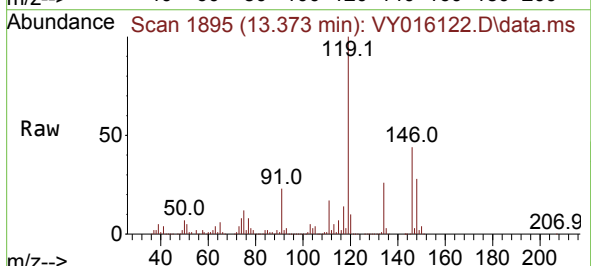
Tgt Ion:119 Resp: 481988

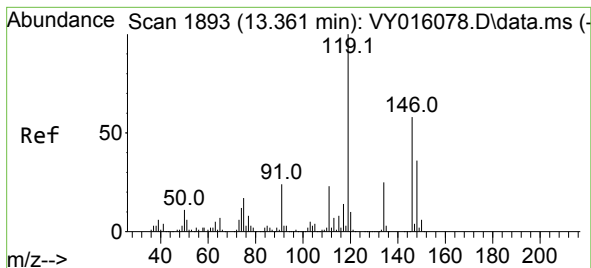
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 45.978 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

ClientSampleId :

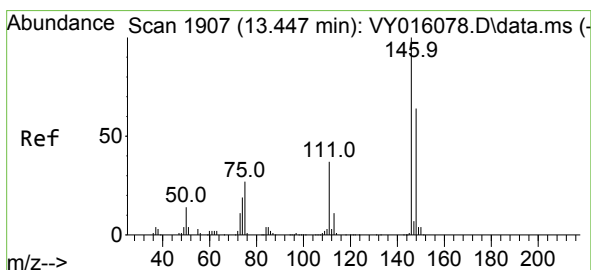
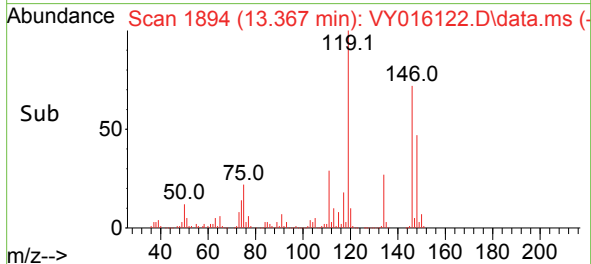
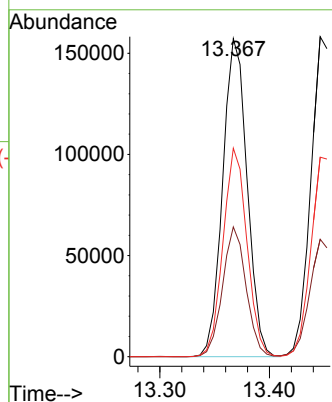
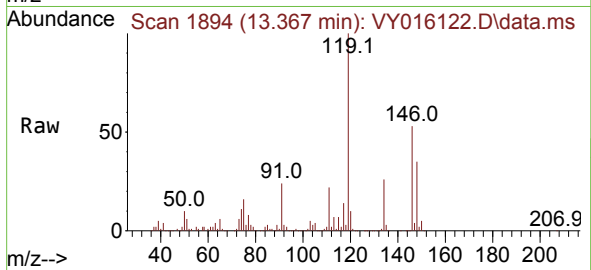
Tgt Ion:146 Resp: 243529

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.409 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

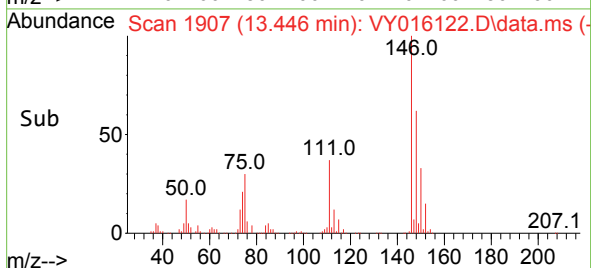
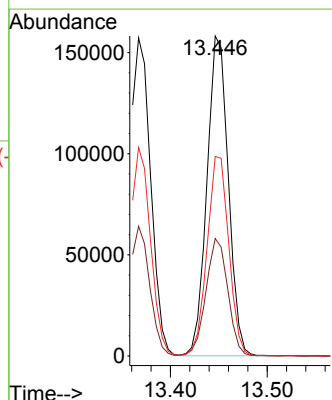
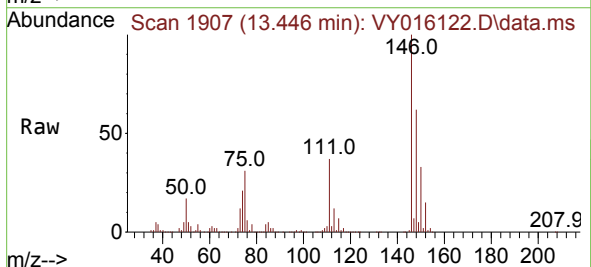
Tgt Ion:146 Resp: 242938

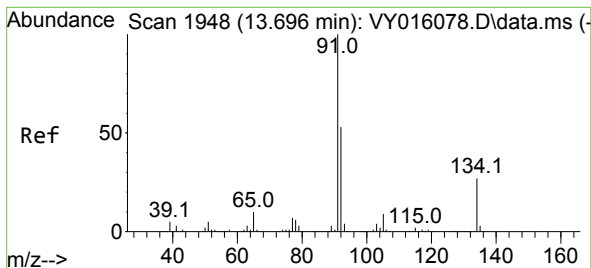
Ion Ratio Lower Upper

146 100

111 37.6 18.9 56.7

148 63.6 32.1 96.5

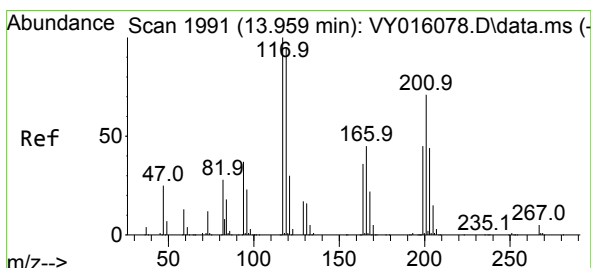
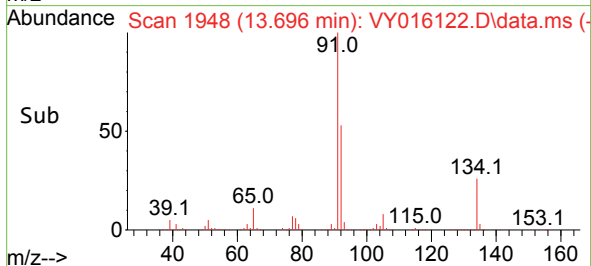
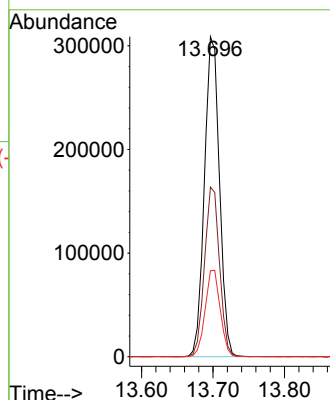
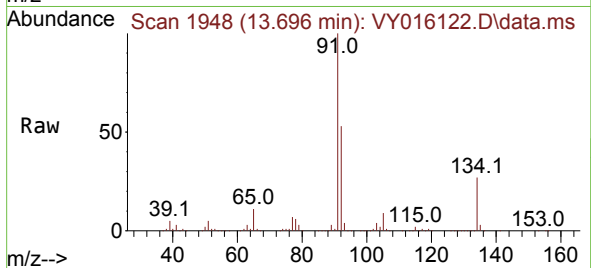




#89
n-Butylbenzene
Concen: 46.944 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

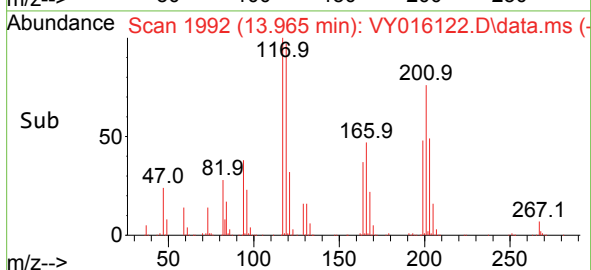
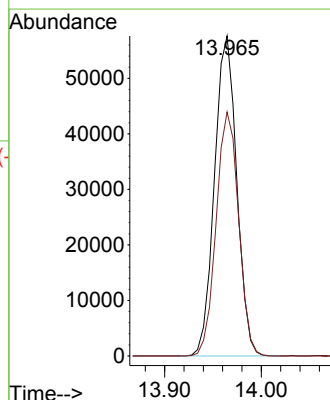
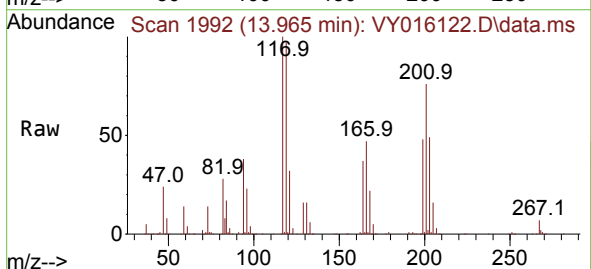
Instrument :
MSVOA_Y
ClientSampleId :

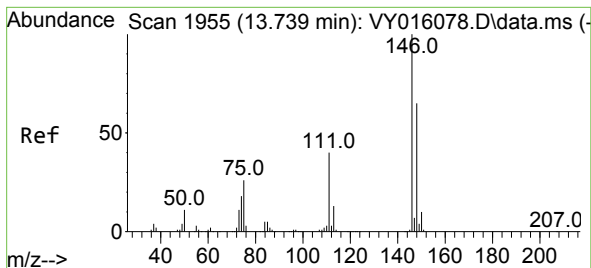
Tgt Ion: 91 Resp: 451424
Ion Ratio Lower Upper
91 100
92 52.9 25.4 76.0
134 27.1 12.6 37.6



#90
Hexachloroethane
Concen: 45.800 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY016122.D
Acq: 30 Oct 2023 09:43

Tgt Ion: 117 Resp: 91919
Ion Ratio Lower Upper
117 100
201 76.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 46.775 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

ClientSampleId :

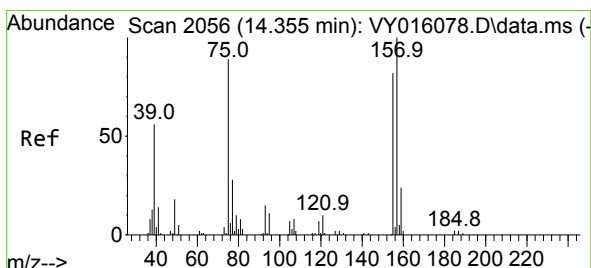
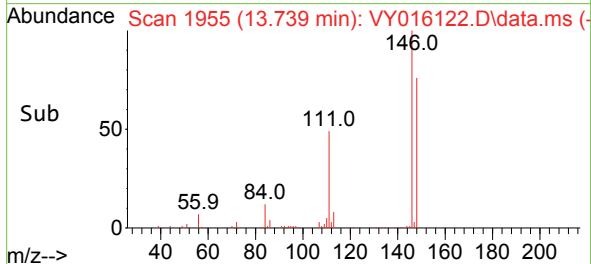
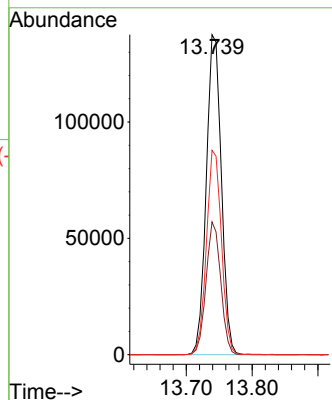
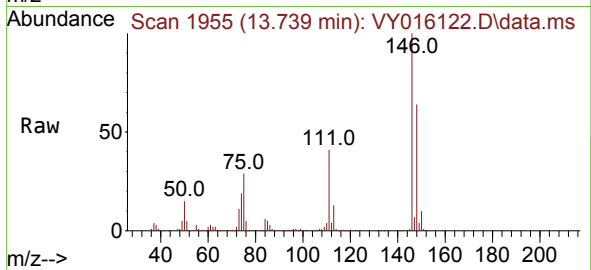
Tgt Ion:146 Resp: 219353

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.735 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

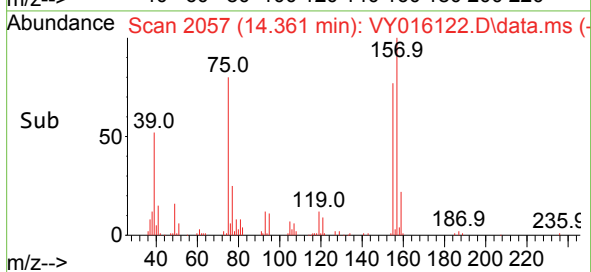
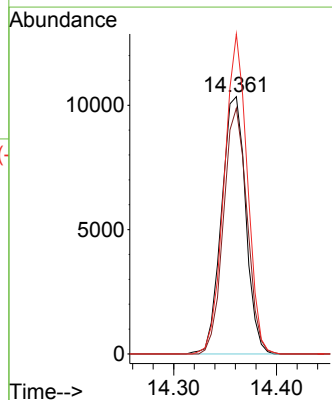
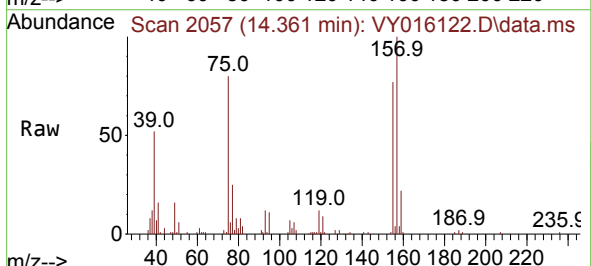
Tgt Ion: 75 Resp: 16857

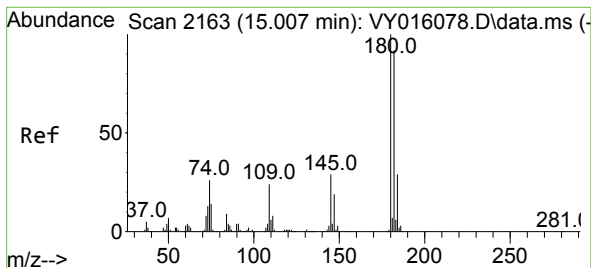
Ion Ratio Lower Upper

75 100

155 93.2 41.5 124.6

157 118.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.985 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

ClientSampleId :

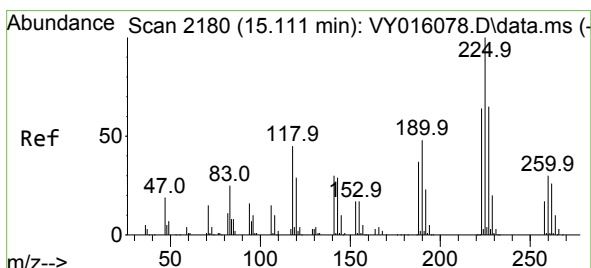
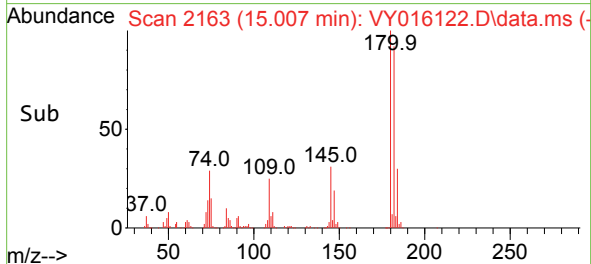
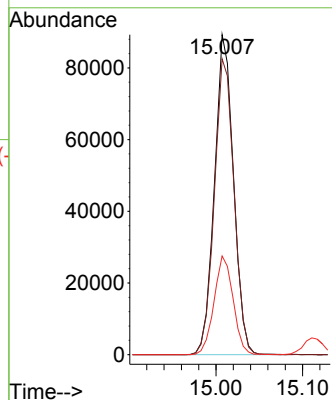
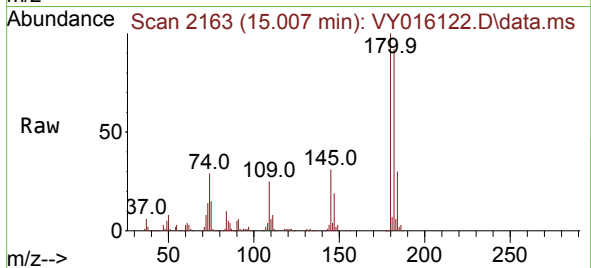
Tgt Ion:180 Resp: 136317

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.217 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

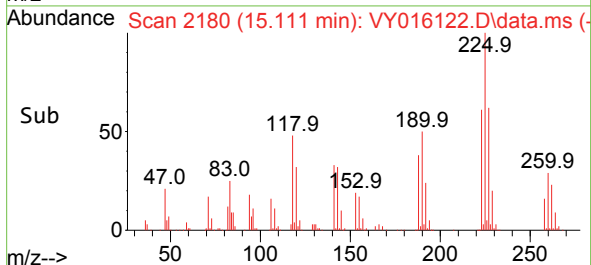
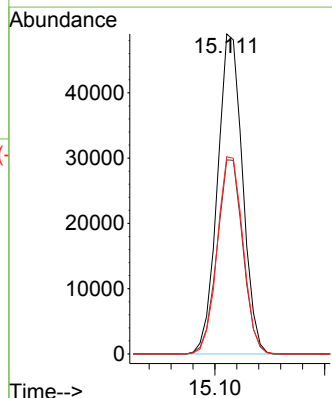
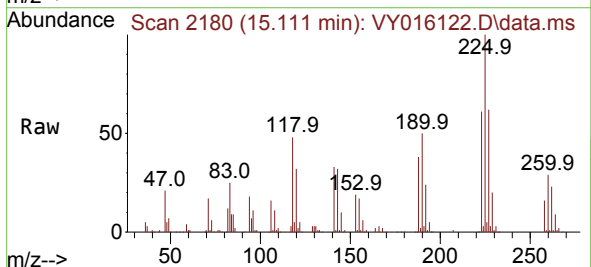
Tgt Ion:225 Resp: 77824

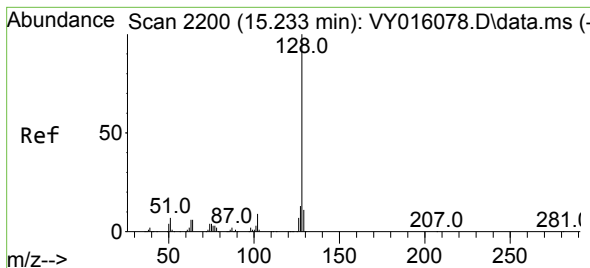
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 63.2 33.0 98.9





#95

Naphthalene

Concen: 50.214 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Instrument :

MSVOA_Y

ClientSampleId :

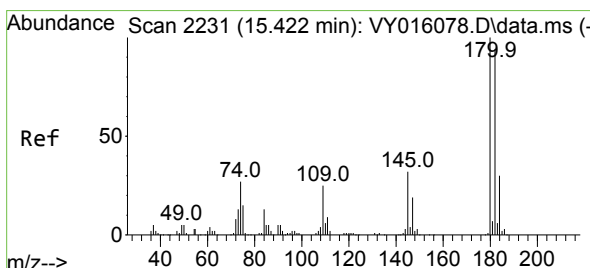
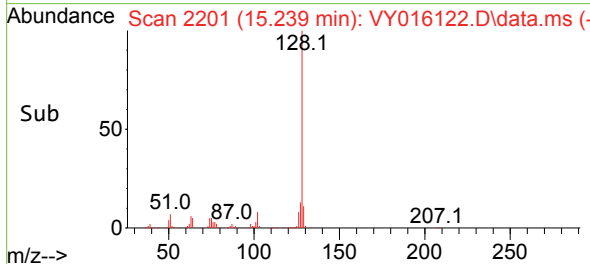
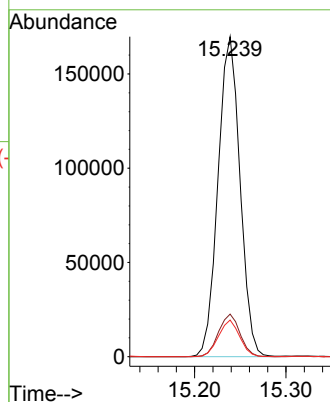
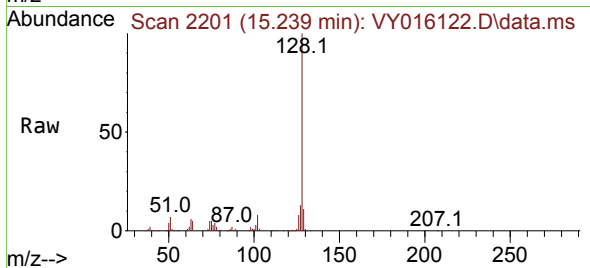
Tgt Ion:128 Resp: 284119

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.227 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016122.D

Acq: 30 Oct 2023 09:43

Tgt Ion:180 Resp: 118161

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.8

145 31.8 15.4 46.2

