

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015738.D
 Acq On : 27 Sep 2023 21:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 05:08:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	136191	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	230286	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	211296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111553	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92883	61.985	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.960%	
35) Dibromofluoromethane	7.728	113	84591	61.372	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.740%	
50) Toluene-d8	10.185	98	299112	64.002	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 128.000%	
62) 4-Bromofluorobenzene	12.489	95	112220	61.188	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	40535	45.153	ug/l	97
3) Chloromethane	2.113	50	52704	46.536	ug/l	99
4) Vinyl Chloride	2.253	62	61925	47.822	ug/l	97
5) Bromomethane	2.656	94	47792	42.711	ug/l	100
6) Chloroethane	2.796	64	46730	48.688	ug/l	95
7) Trichlorofluoromethane	3.125	101	99423	45.782	ug/l	99
8) Diethyl Ether	3.540	74	44536	48.090	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.906	101	63131	46.429	ug/l	96
10) Methyl Iodide	4.101	142	66585	42.100	ug/l	98
11) Tert butyl alcohol	5.009	59	77259	249.666	ug/l #	98
12) 1,1-Dichloroethene	3.875	96	54364	45.373	ug/l	94
13) Acrolein	3.741	56	55019	239.745	ug/l	100
14) Allyl chloride	4.485	41	101736	46.441	ug/l	94
15) Acrylonitrile	5.180	53	170886	251.537	ug/l	98
16) Acetone	3.967	43	159025	198.305	ug/l	93
17) Carbon Disulfide	4.204	76	102776	44.155	ug/l	99
18) Methyl Acetate	4.497	43	142692	53.033	ug/l	94
19) Methyl tert-butyl Ether	5.235	73	238457	48.865	ug/l	99
20) Methylene Chloride	4.723	84	91246	52.166	ug/l	94
21) trans-1,2-Dichloroethene	5.229	96	64695	47.239	ug/l	91
22) Diisopropyl ether	6.131	45	255934	48.545	ug/l	94
23) Vinyl Acetate	6.076	43	777338	238.880	ug/l	96
24) 1,1-Dichloroethane	6.027	63	134687	46.870	ug/l	97
25) 2-Butanone	7.003	43	256989	226.724	ug/l	99
26) 2,2-Dichloropropane	6.984	77	113335	43.151	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	86431	47.539	ug/l	95
28) Bromochloromethane	7.344	49	41424	53.133	ug/l	96
29) Tetrahydrofuran	7.362	42	163178	254.704	ug/l	94
30) Chloroform	7.515	83	146541	47.619	ug/l	93
31) Cyclohexane	7.795	56	89342	43.039	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	121415	47.793	ug/l	98
36) 1,1-Dichloropropene	7.923	75	93263	45.762	ug/l	100
37) Ethyl Acetate	7.088	43	102626	50.485	ug/l	97
38) Carbon Tetrachloride	7.911	117	104703	47.330	ug/l	98
39) Methylcyclohexane	9.191	83	101501	45.029	ug/l	95
40) Benzene	8.167	78	292583	47.077	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	142522	130.211	ug/l #	29
42) 1,2-Dichloroethane	8.246	62	103986	48.854	ug/l	95
43) Isopropyl Acetate	8.283	43	173302	49.908	ug/l	98
44) Trichloroethene	8.947	130	82795	47.697	ug/l	97
45) 1,2-Dichloropropane	9.222	63	83406	48.124	ug/l	98
46) Dibromomethane	9.313	93	54154	48.847	ug/l	94
47) Bromodichloromethane	9.502	83	119848	48.499	ug/l	98
48) Methyl methacrylate	9.301	41	75794	49.728	ug/l	90
49) 1,4-Dioxane	9.325	88	23148	1056.872	ug/l #	53
51) 4-Methyl-2-Pentanone	10.075	43	553836	257.328	ug/l	94
52) Toluene	10.252	92	187612	46.824	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	127817	48.233	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	136098	47.712	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	80716	49.680	ug/l	96
56) Ethyl methacrylate	10.514	69	121258	50.644	ug/l #	88
57) 1,3-Dichloropropane	10.795	76	134256	49.276	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	179302	235.758	ug/l	97
59) 2-Hexanone	10.837	43	419367	253.971	ug/l	92
60) Dibromochloromethane	10.990	129	94190	49.663	ug/l	100
61) 1,2-Dibromoethane	11.093	107	77716	48.895	ug/l	100
64) Tetrachloroethene	10.728	164	90553	49.951	ug/l	98
65) Chlorobenzene	11.520	112	217104	47.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	87020	48.572	ug/l	98
67) Ethyl Benzene	11.599	91	378394	46.939	ug/l	98
68) m/p-Xylenes	11.709	106	289963	94.633	ug/l	96
69) o-Xylene	12.032	106	143328	47.704	ug/l	98
70) Styrene	12.050	104	249878	48.587	ug/l	97
71) Bromoform	12.215	173	66740	51.407	ug/l #	99
73) Isopropylbenzene	12.337	105	379440	45.342	ug/l	100
74) N-amyl acetate	12.148	43	151555	48.185	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	111011	47.665	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	145877	81.970	ug/l #	100
77) Bromobenzene	12.611	156	94674	46.089	ug/l	94
78) n-propylbenzene	12.678	91	457946	45.045	ug/l	100
79) 2-Chlorotoluene	12.764	91	265030	45.734	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	320073	45.687	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	37691	47.693	ug/l	95
82) 4-Chlorotoluene	12.861	91	272641	45.067	ug/l	99
83) tert-Butylbenzene	13.081	119	279088	45.484	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	322424	45.997	ug/l	99
85) sec-Butylbenzene	13.258	105	418981	45.628	ug/l	99
86) p-Isopropyltoluene	13.373	119	347744	45.336	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	186862	45.854	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	187363	45.970	ug/l	99
89) n-Butylbenzene	13.703	91	325983	44.881	ug/l	98
90) Hexachloroethane	13.965	117	66862	45.166	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	176955	47.039	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	22670	49.010	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	108789	45.936	ug/l	98
94) Hexachlorobutadiene	15.117	225	53360	43.997	ug/l	98
95) Naphthalene	15.239	128	306940	49.704	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	102072	46.696	ug/l	99

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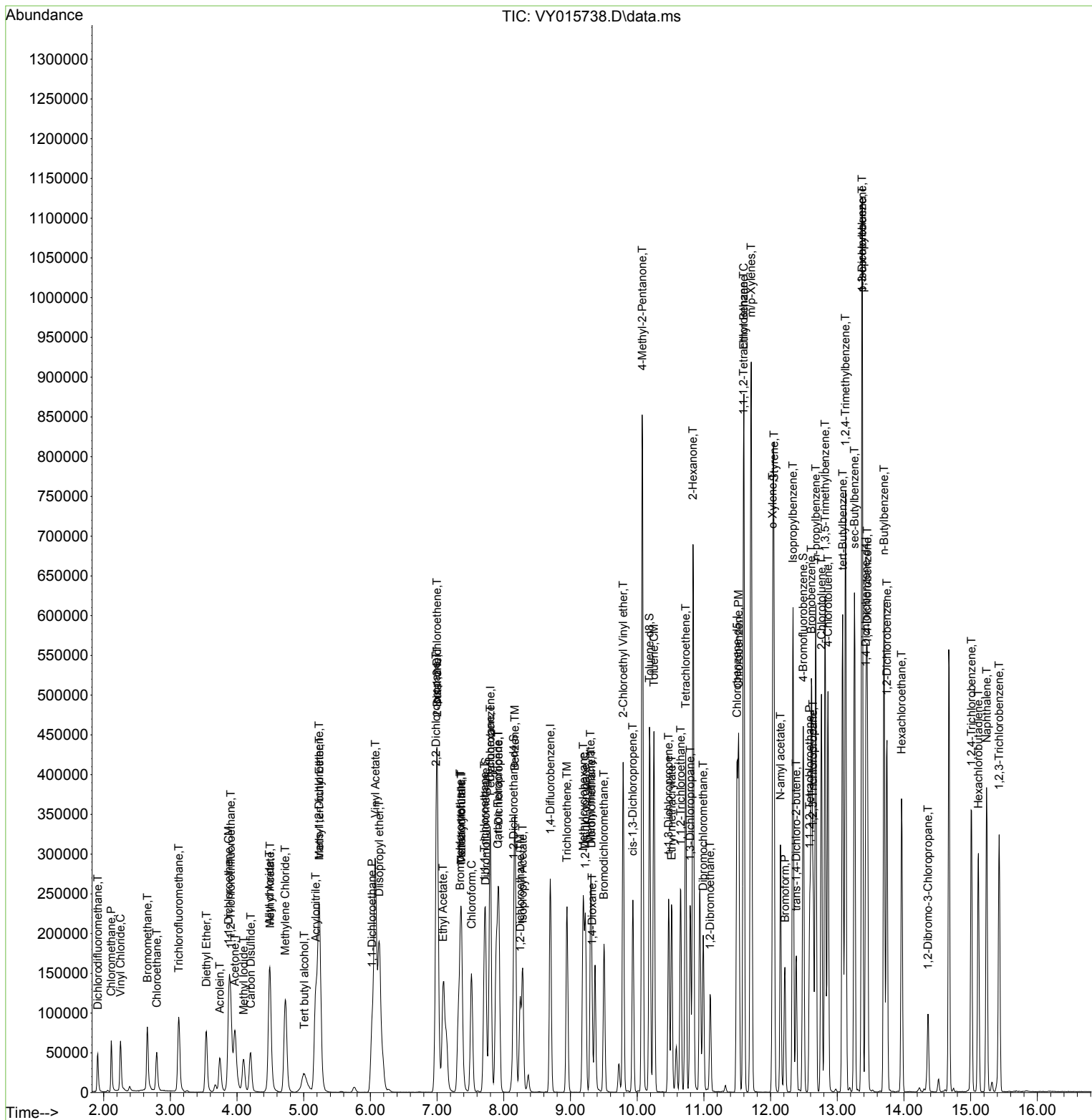
Instrument :
MSVOA_Y
ClientSampleId :

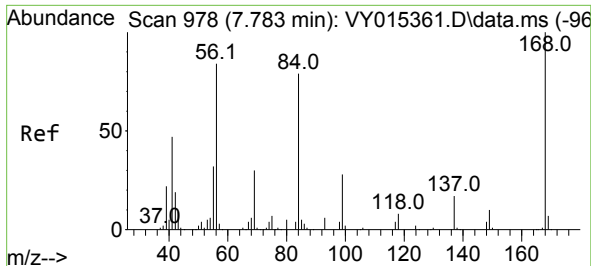
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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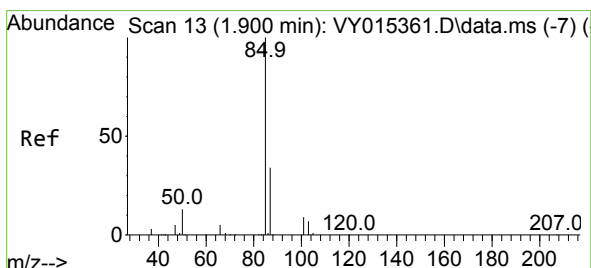
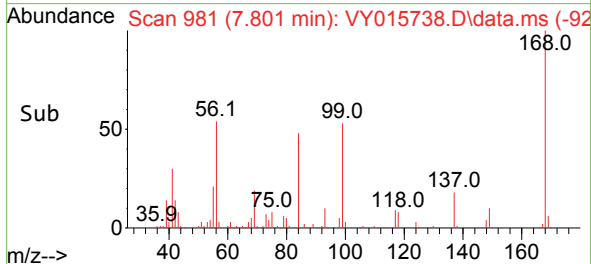
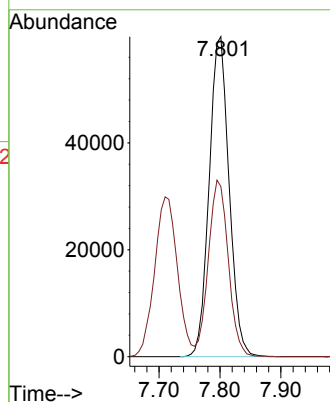
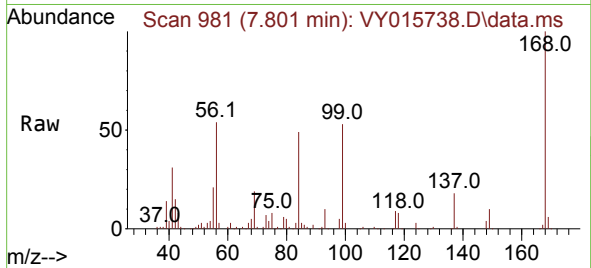




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015738.D
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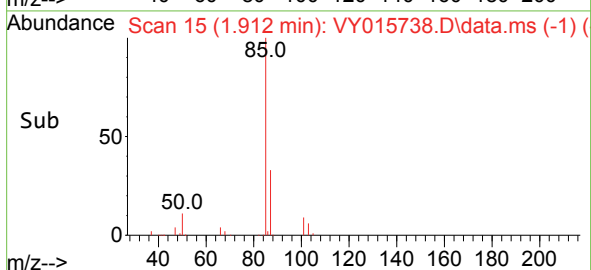
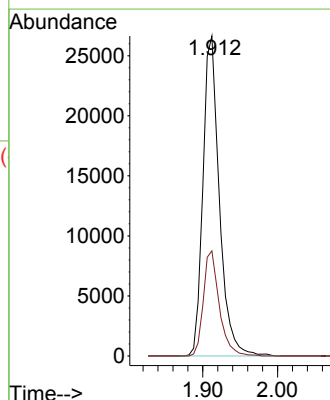
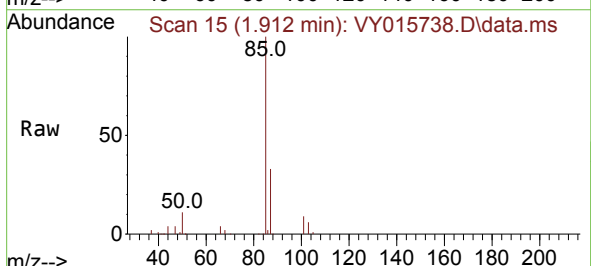
Instrument :
MSVOA_Y
ClientSampleId :

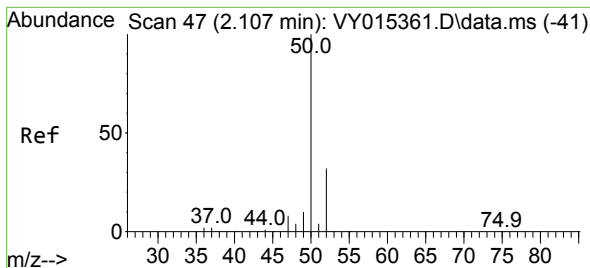
Tgt Ion:168 Resp: 136191
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 45.153 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion: 85 Resp: 40535
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8





#3

Chloromethane

Concen: 46.536 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

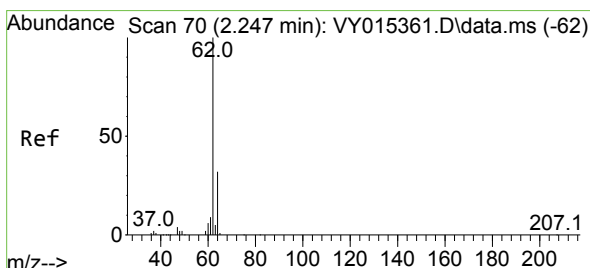
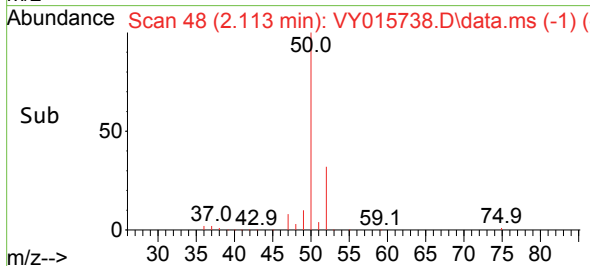
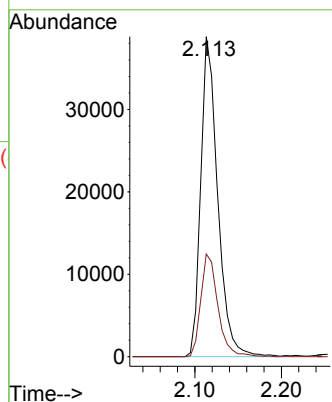
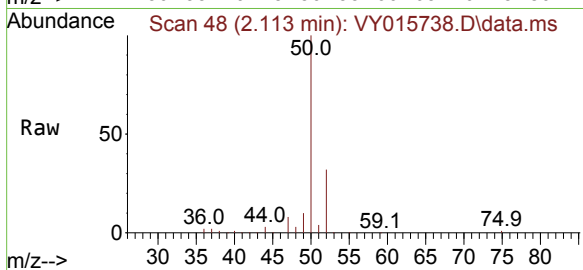
ClientSampleId :

Tgt Ion: 50 Resp: 52704

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 47.822 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015738.D

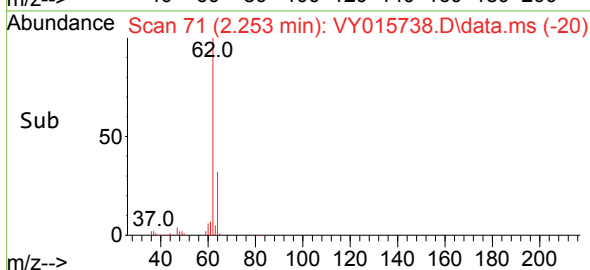
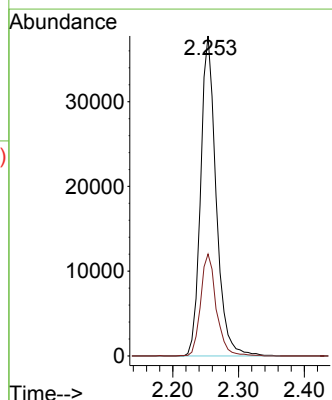
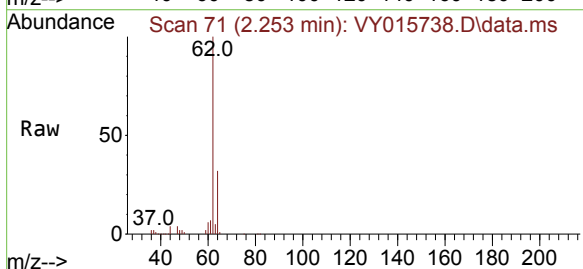
Acq: 27 Sep 2023 21:00

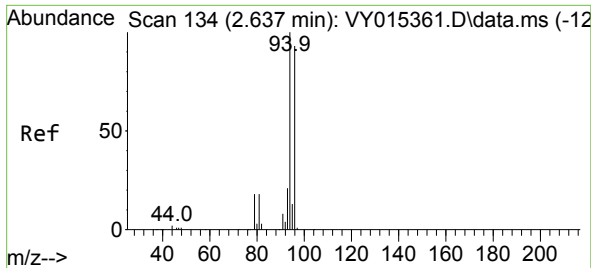
Tgt Ion: 62 Resp: 61925

Ion Ratio Lower Upper

62 100

64 31.9 24.3 36.5





#5

Bromomethane

Concen: 42.711 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

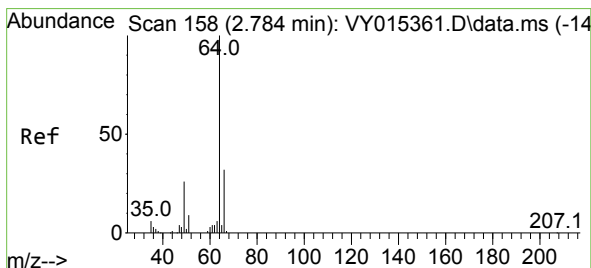
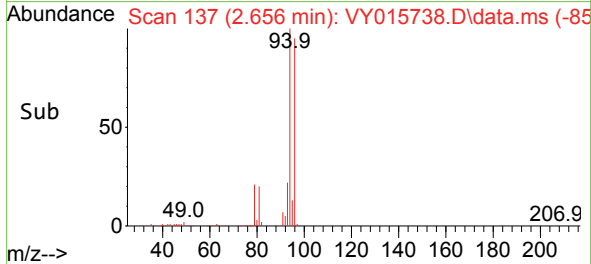
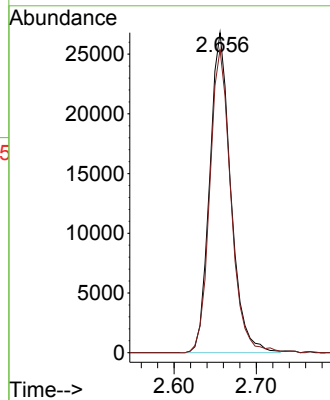
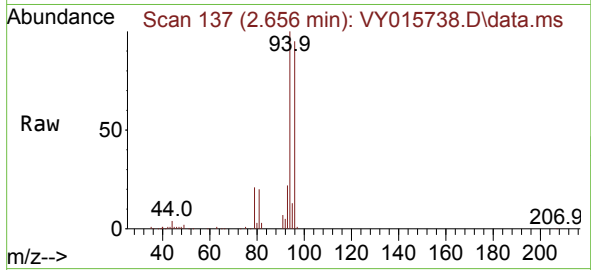
ClientSampleId :

Tgt Ion: 94 Resp: 47792

Ion Ratio Lower Upper

94 100

96 94.8 75.8 113.6



#6

Chloroethane

Concen: 48.688 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.012 min

Lab File: VY015738.D

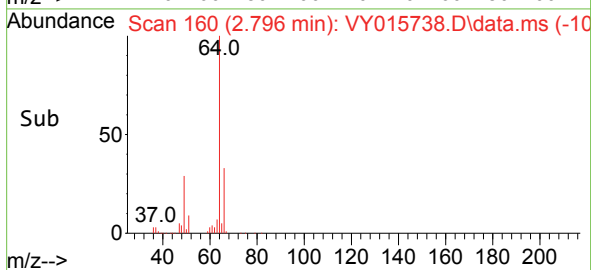
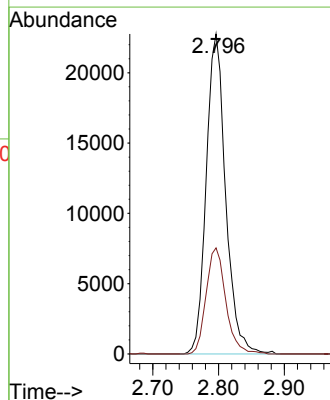
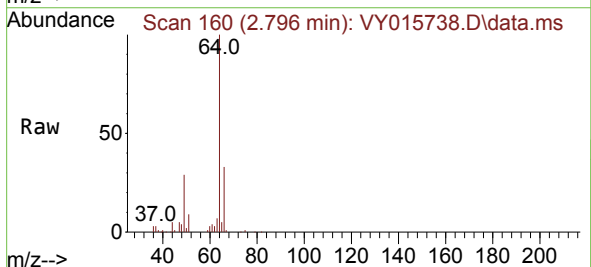
Acq: 27 Sep 2023 21:00

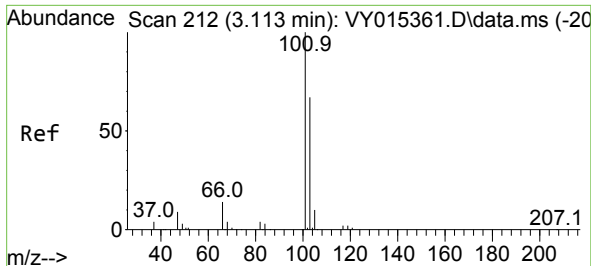
Tgt Ion: 64 Resp: 46730

Ion Ratio Lower Upper

64 100

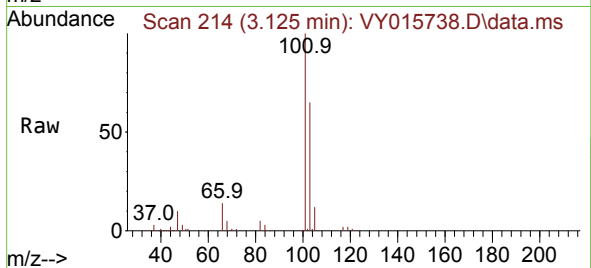
66 33.2 24.4 36.6



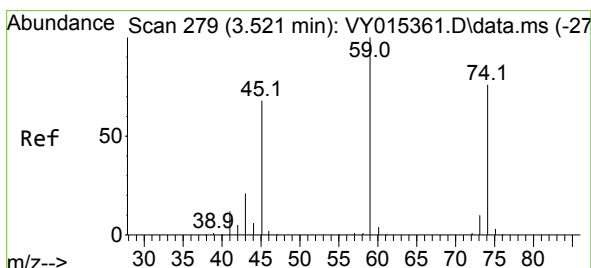
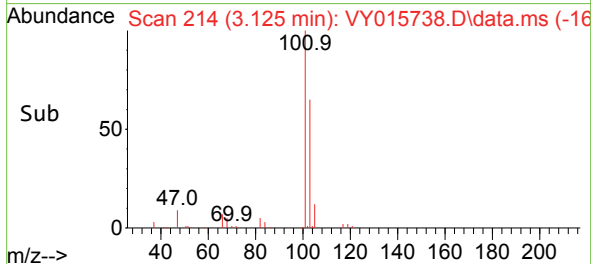
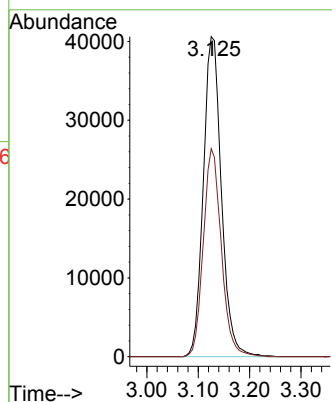


#7
 Trichlorofluoromethane
 Concen: 45.782 ug/l
 RT: 3.125 min Scan# 212
 Delta R.T. 0.012 min
 Lab File: VY015738.D
 Acq: 27 Sep 2023 21:00

Instrument :
 MSVOA_Y
 ClientSampleId :

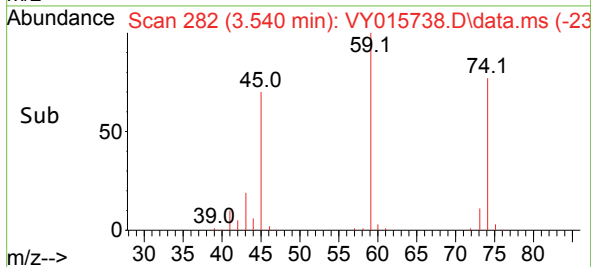
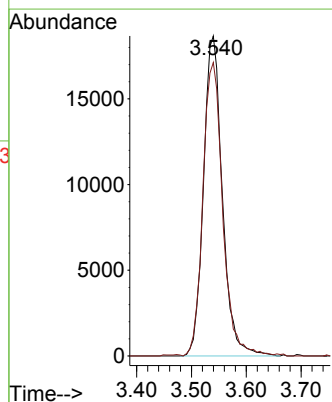
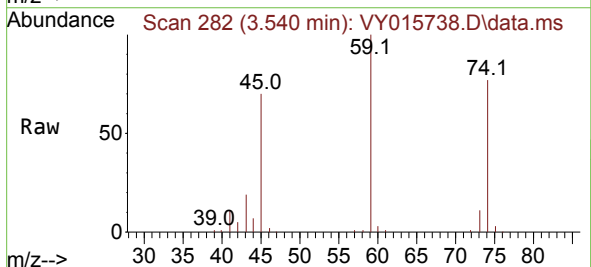


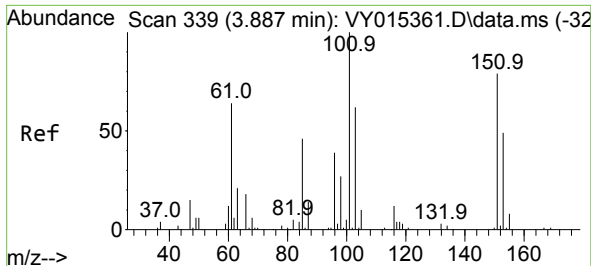
Tgt Ion:101 Resp: 99423
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.090 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.019 min
 Lab File: VY015738.D
 Acq: 27 Sep 2023 21:00

Tgt Ion: 74 Resp: 44536
 Ion Ratio Lower Upper
 74 100
 45 96.4 51.5 154.5

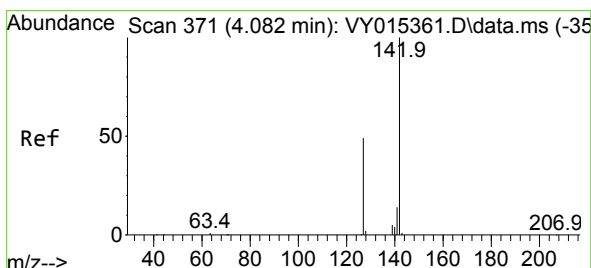
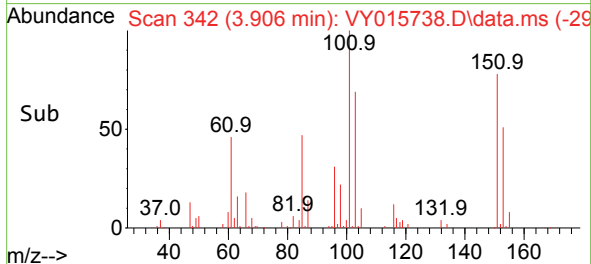
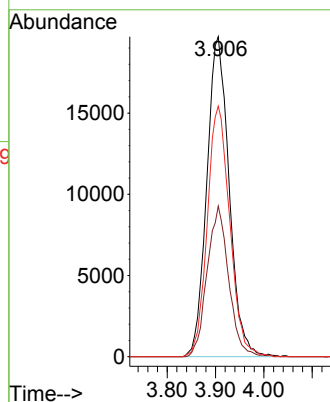
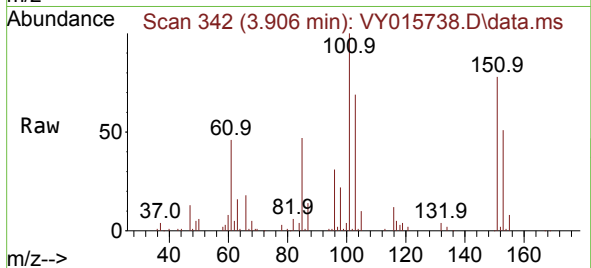




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.429 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

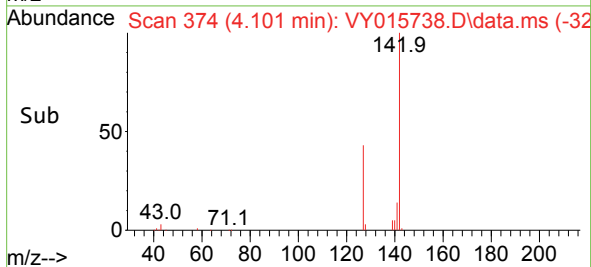
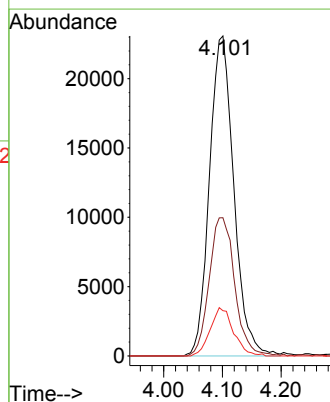
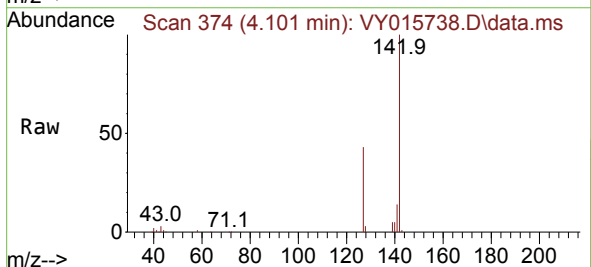
Instrument :
MSVOA_Y
ClientSampleId :

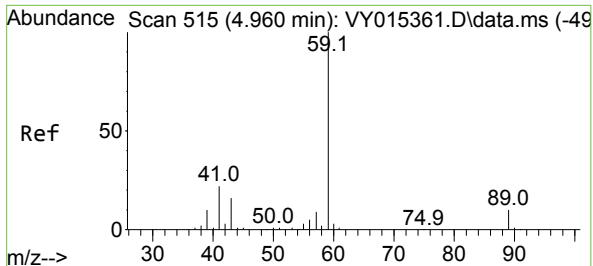
Tgt Ion:101 Resp: 63131
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 78.8 67.0 100.6



#10
Methyl Iodide
Concen: 42.100 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion:142 Resp: 66585
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 14.4 11.8 17.8





#11

Tert butyl alcohol

Concen: 249.666 ug/l

RT: 5.009 min Scan# 51

Delta R.T. 0.055 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

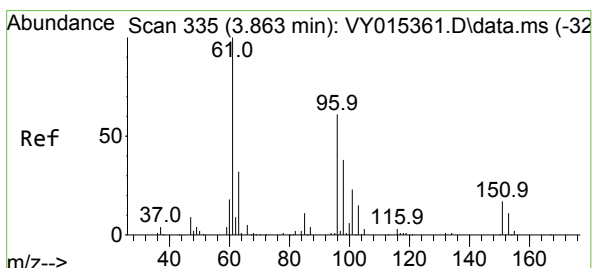
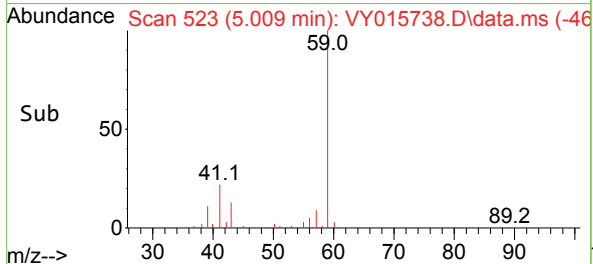
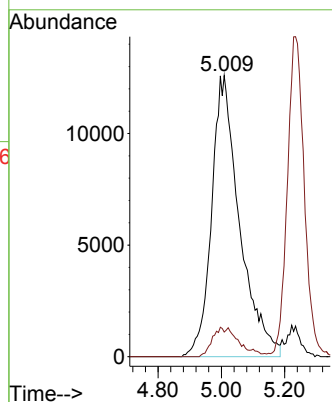
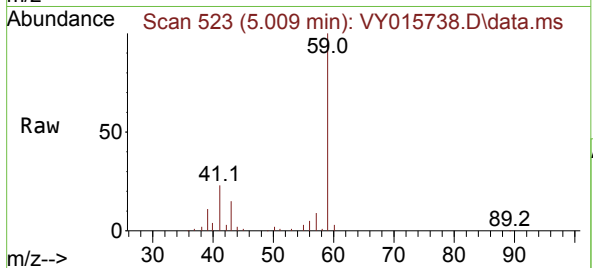
ClientSampleId :

Tgt Ion: 59 Resp: 77259

Ion Ratio Lower Upper

59 100

57 4.5 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 45.373 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

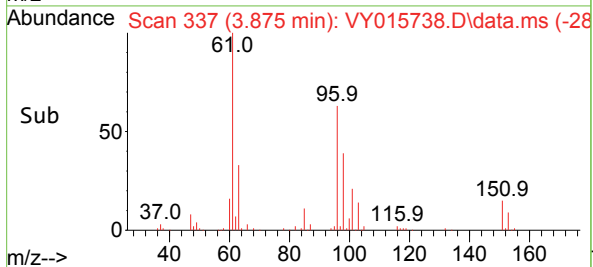
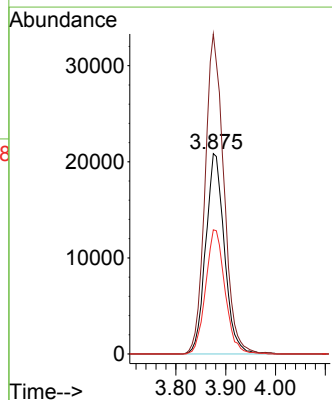
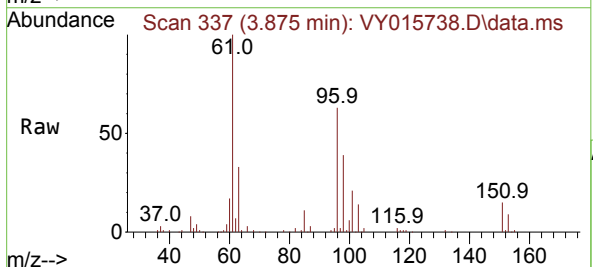
Tgt Ion: 96 Resp: 54364

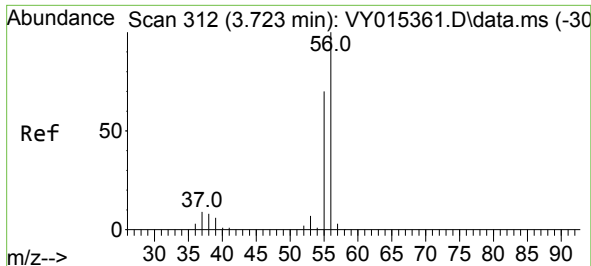
Ion Ratio Lower Upper

96 100

61 159.7 136.4 204.6

98 62.0 49.4 74.2

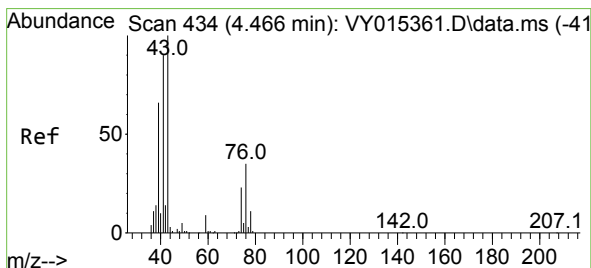
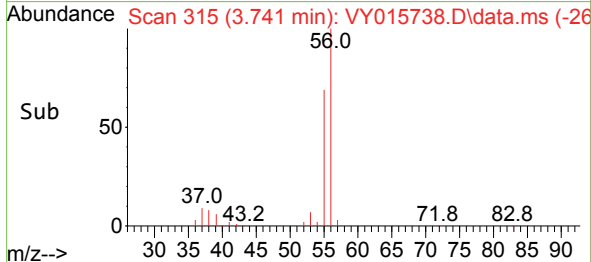
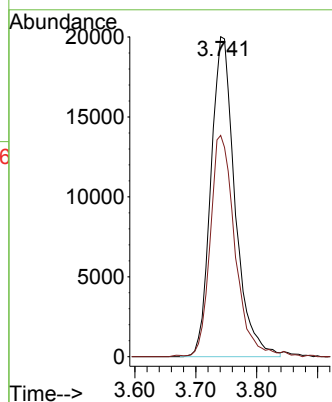
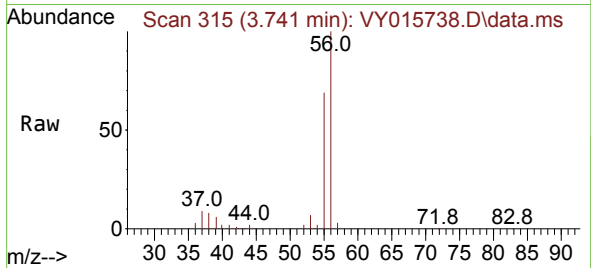




#13
Acrolein
Concen: 239.745 ug/l
RT: 3.741 min Scan# 312
Delta R.T. 0.018 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

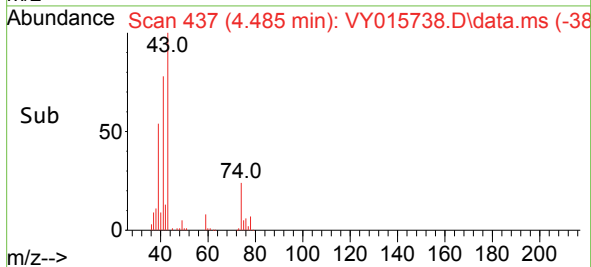
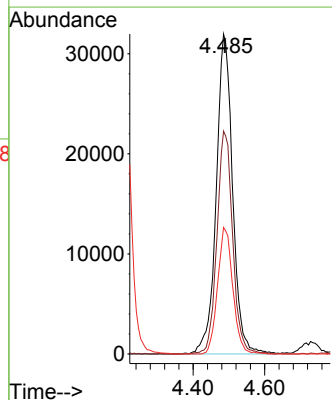
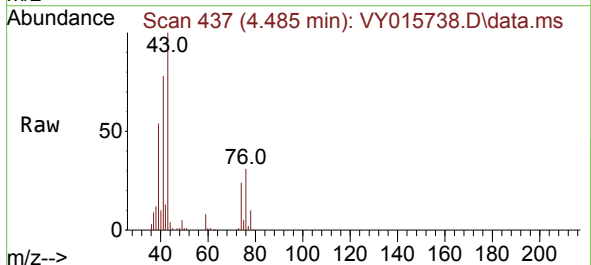
Instrument :
MSVOA_Y
ClientSampleId :

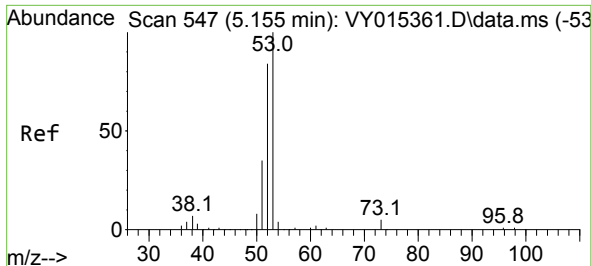
Tgt Ion: 56 Resp: 55019
Ion Ratio Lower Upper
56 100
55 71.4 57.0 85.4



#14
Allyl chloride
Concen: 46.441 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion: 41 Resp: 101736
Ion Ratio Lower Upper
41 100
39 66.6 58.0 87.0
76 36.7 27.4 41.2

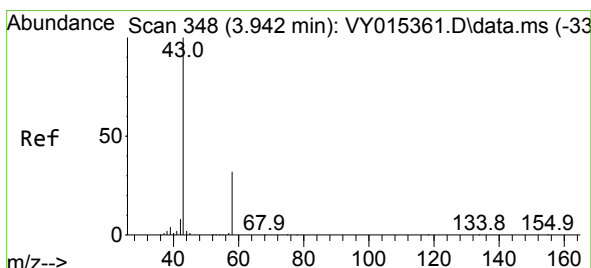
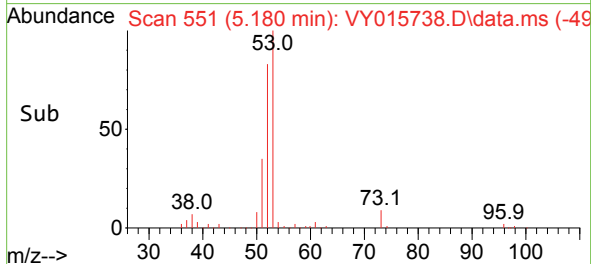
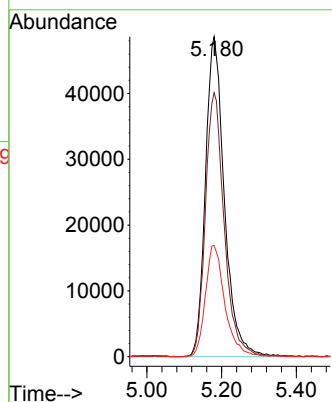
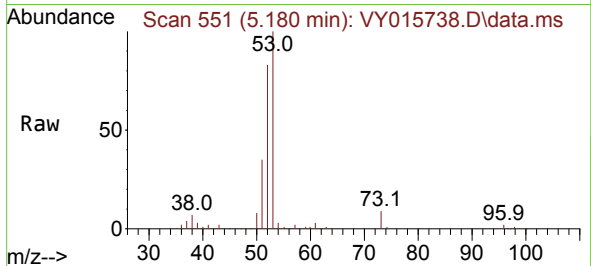




#15
Acrylonitrile
Concen: 251.537 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

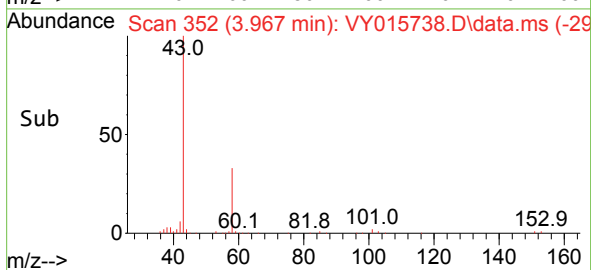
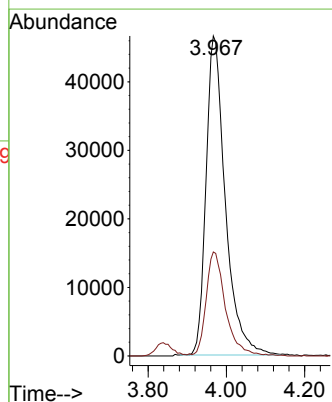
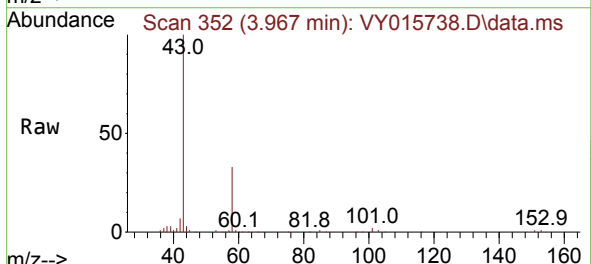
Instrument :
MSVOA_Y
ClientSampleId :

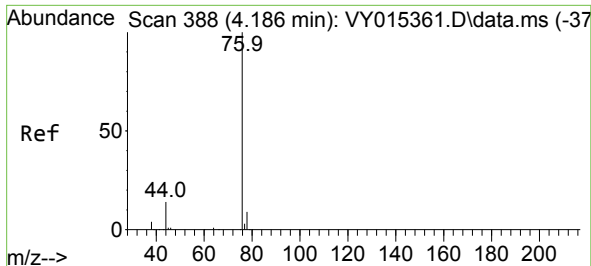
Tgt Ion: 53 Resp: 170886
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 35.8 29.8 44.6



#16
Acetone
Concen: 198.305 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion: 43 Resp: 159025
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1





#17

Carbon Disulfide

Concen: 44.155 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.018 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

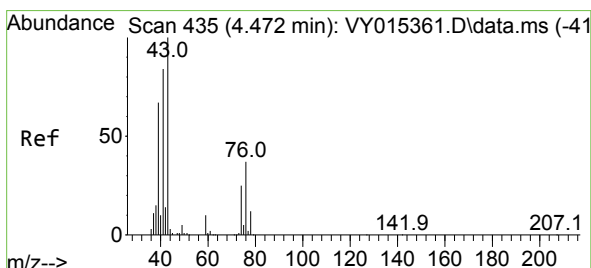
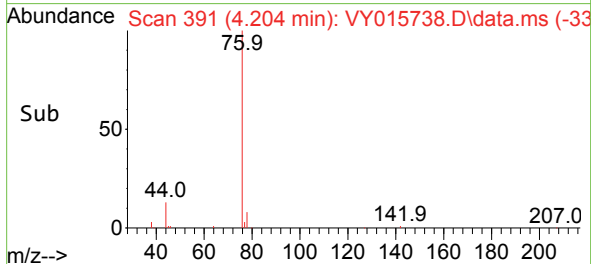
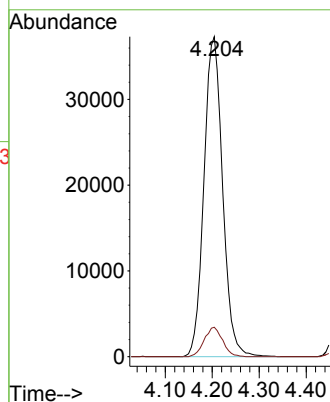
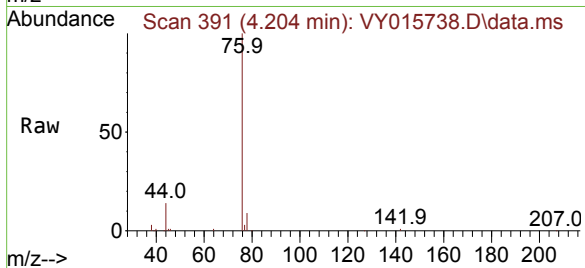
ClientSampleId :

Tgt Ion: 76 Resp: 102776

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 53.033 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.025 min

Lab File: VY015738.D

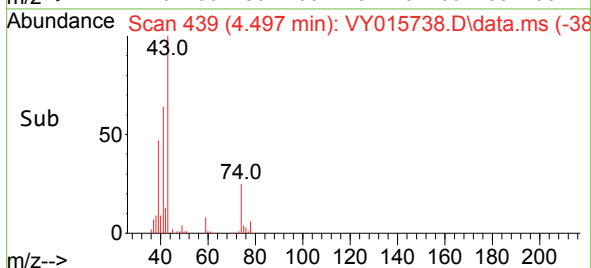
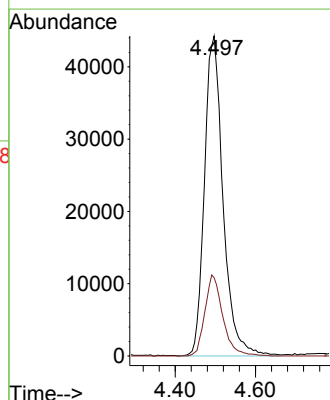
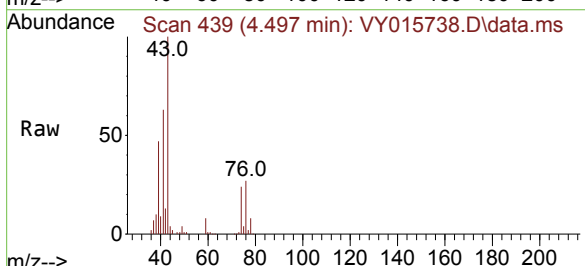
Acq: 27 Sep 2023 21:00

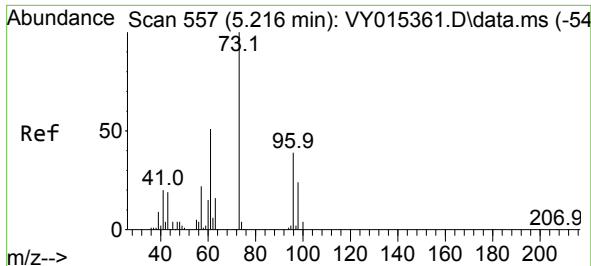
Tgt Ion: 43 Resp: 142692

Ion Ratio Lower Upper

43 100

74 24.4 17.4 26.0

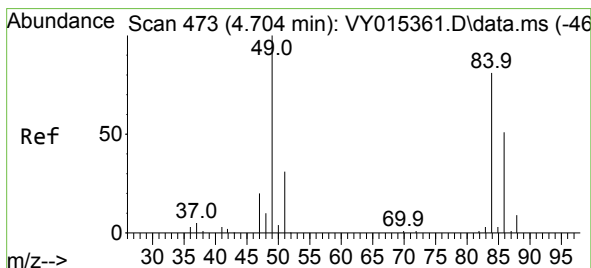
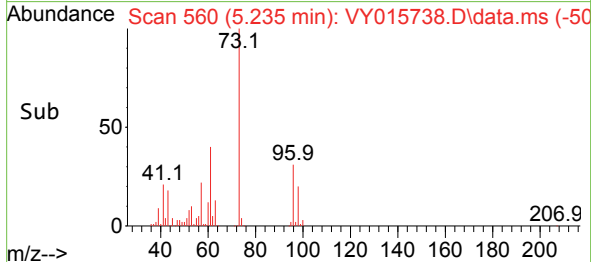
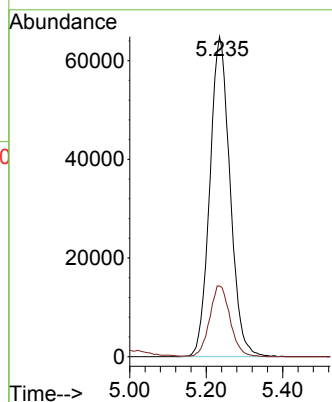
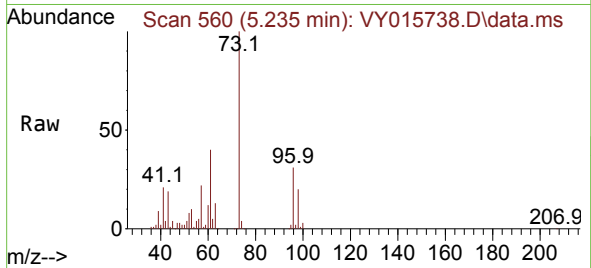




#19
Methyl tert-butyl Ether
Concen: 48.865 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.025 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

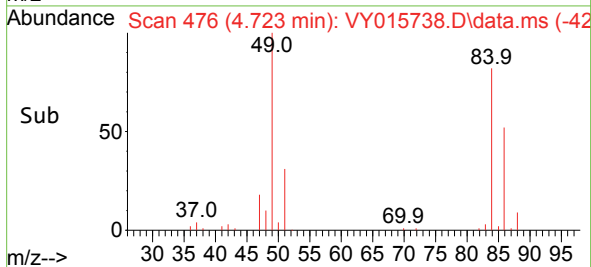
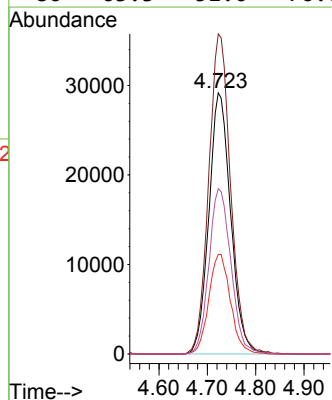
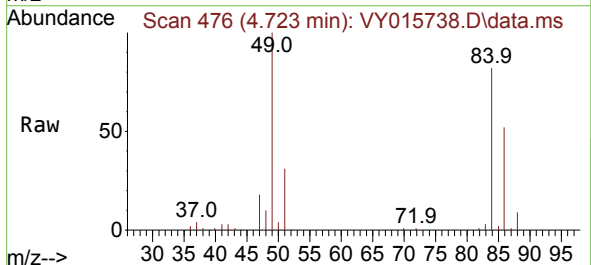
Instrument :
MSVOA_Y
ClientSampleId :

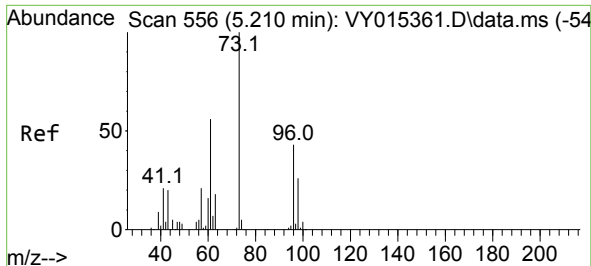
Tgt Ion: 73 Resp: 238457
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 52.166 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.019 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

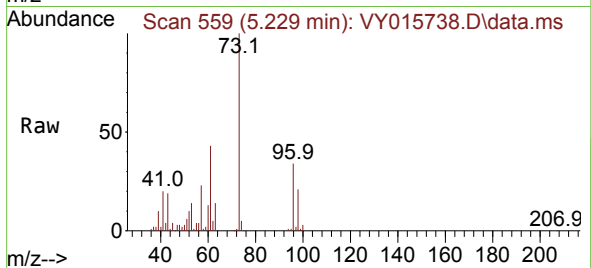
Tgt Ion: 84 Resp: 91246
Ion Ratio Lower Upper
84 100
49 122.5 106.9 160.3
51 38.1 33.2 49.8
86 63.3 51.0 76.6



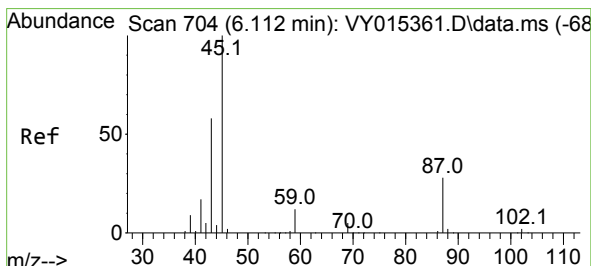
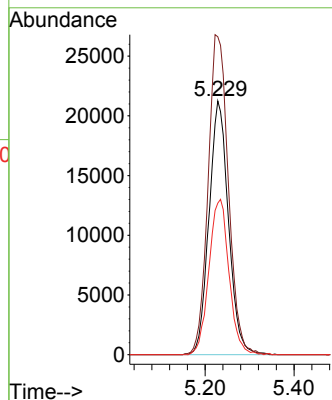
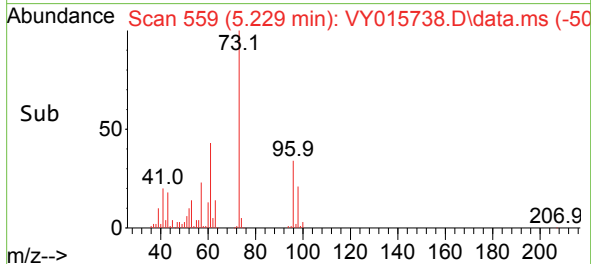


#21
trans-1,2-Dichloroethene
Concen: 47.239 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

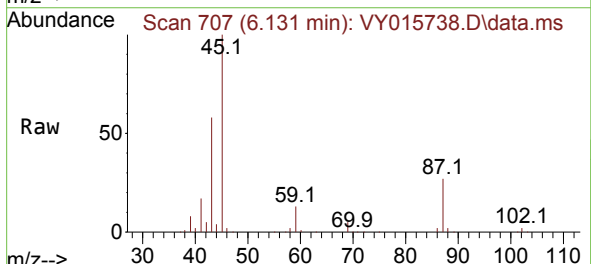
Instrument :
MSVOA_Y
ClientSampleId :



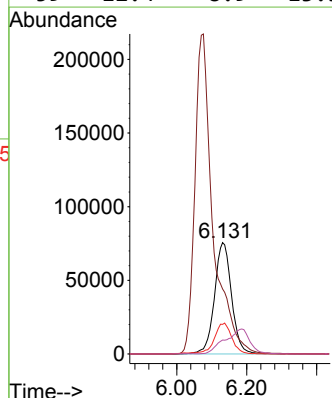
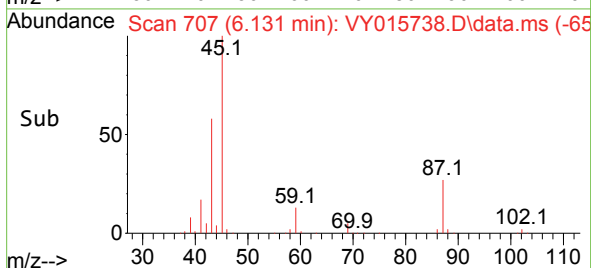
Tgt Ion: 96 Resp: 64695
Ion Ratio Lower Upper
96 100
61 125.3 110.2 165.4
98 59.7 51.8 77.6

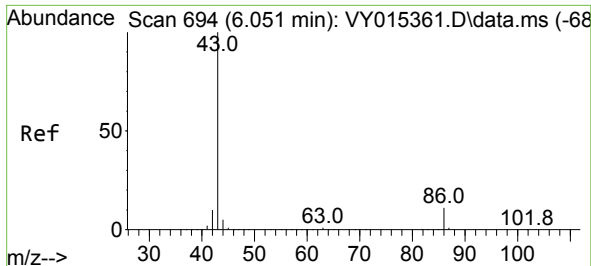


#22
Diisopropyl ether
Concen: 48.545 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.019 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00



Tgt Ion: 45 Resp: 255934
Ion Ratio Lower Upper
45 100
43 57.9 52.2 78.4
87 26.6 21.0 31.6
59 12.4 8.9 13.3

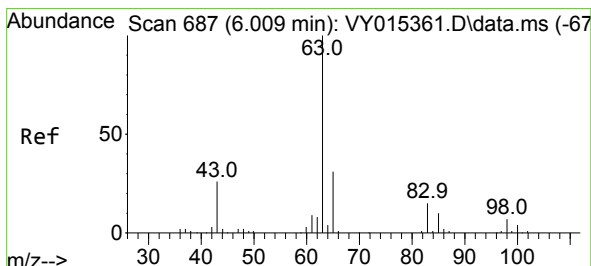
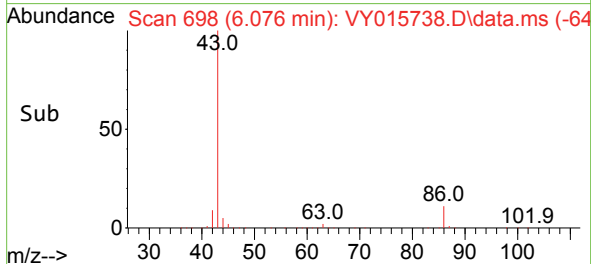
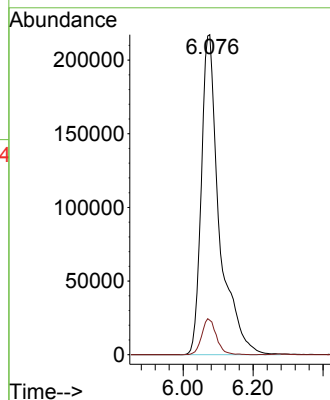
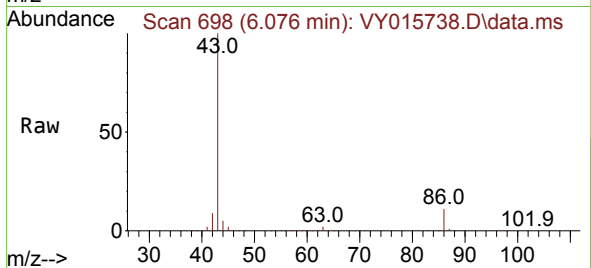




#23
 Vinyl Acetate
 Concen: 238.880 ug/l
 RT: 6.076 min Scan# 694
 Delta R.T. 0.025 min
 Lab File: VY015738.D
 Acq: 27 Sep 2023 21:00

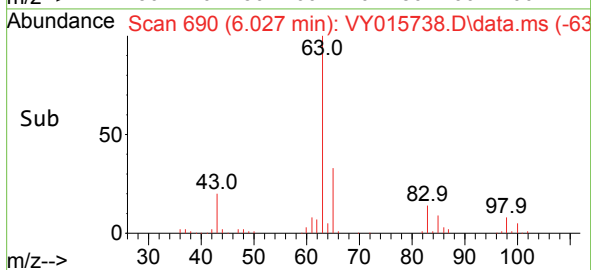
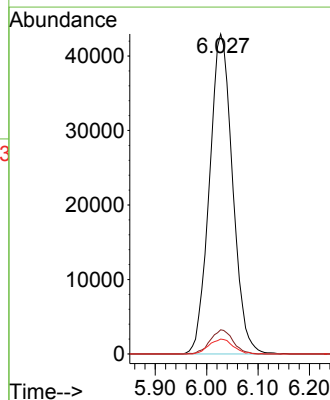
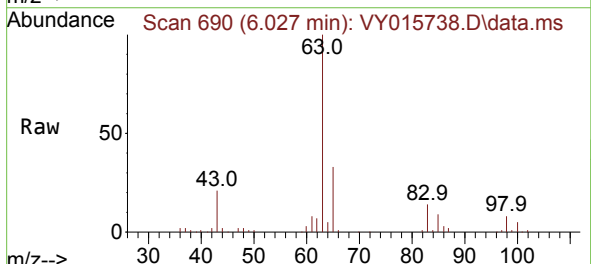
Instrument :
 MSVOA_Y
 ClientSampleId :

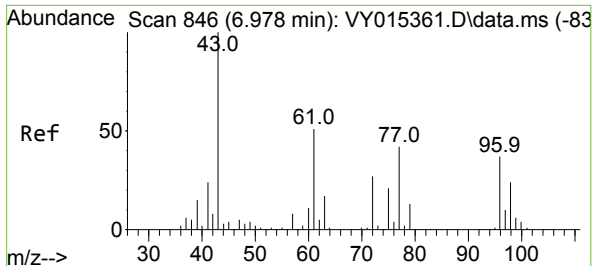
Tgt Ion: 43 Resp: 777338
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 46.870 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015738.D
 Acq: 27 Sep 2023 21:00

Tgt Ion: 63 Resp: 134687
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 226.724 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

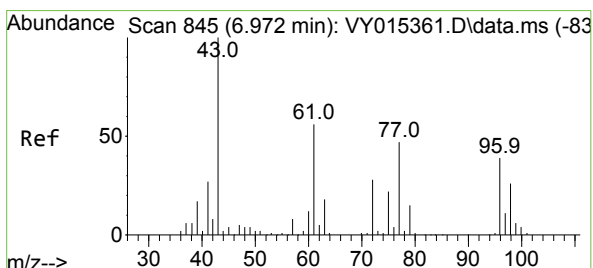
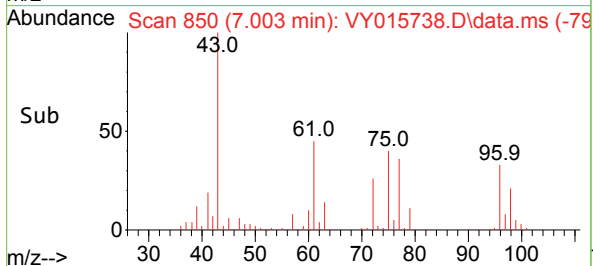
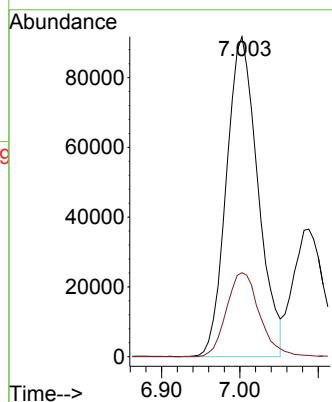
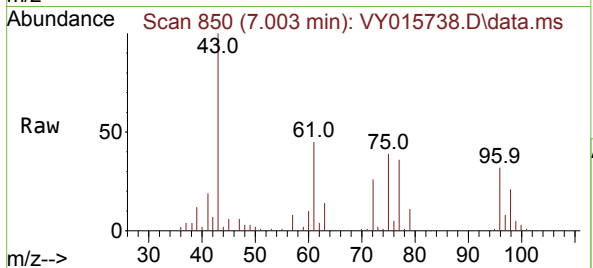
ClientSampleId :

Tgt Ion: 43 Resp: 256989

Ion Ratio Lower Upper

43 100

72 26.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 43.151 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015738.D

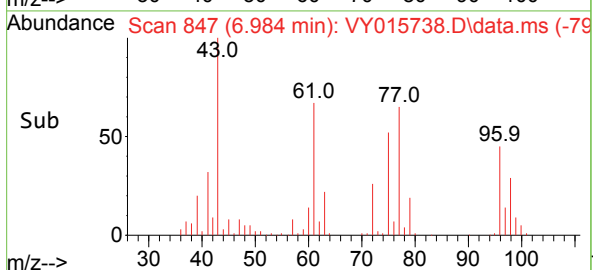
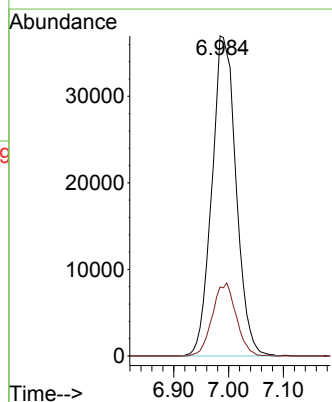
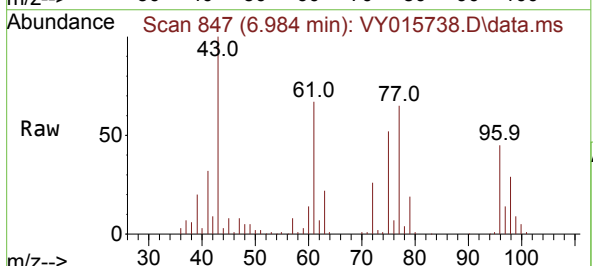
Acq: 27 Sep 2023 21:00

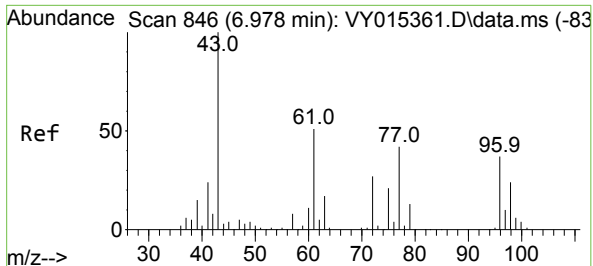
Tgt Ion: 77 Resp: 113335

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 47.539 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

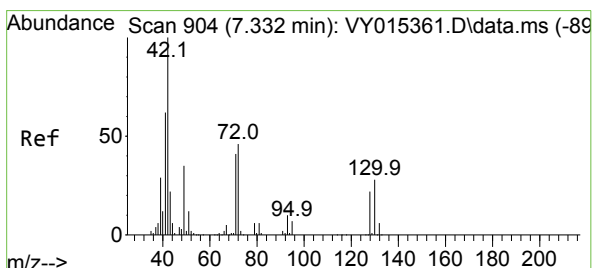
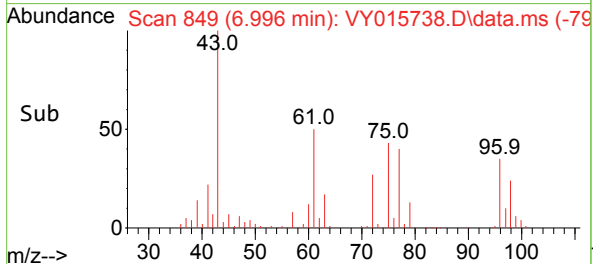
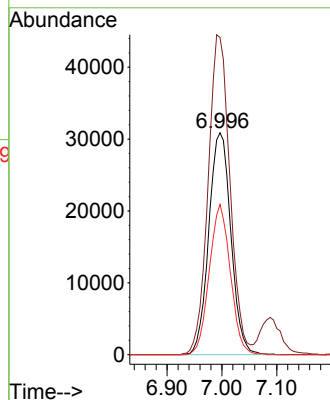
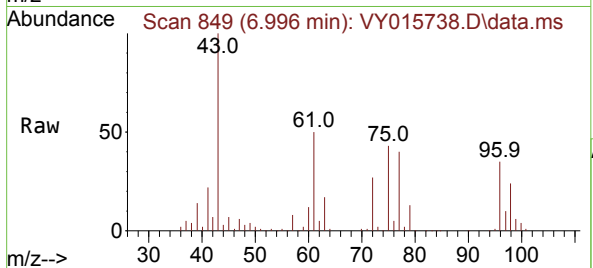
Tgt Ion: 96 Resp: 86431

Ion Ratio Lower Upper

96 100

61 142.1 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 53.133 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

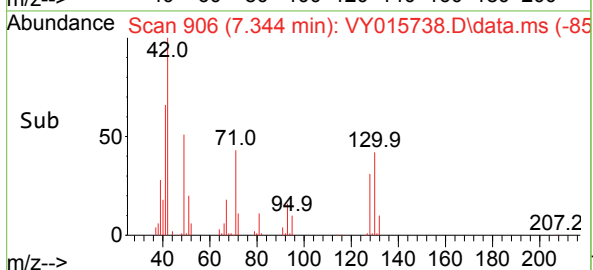
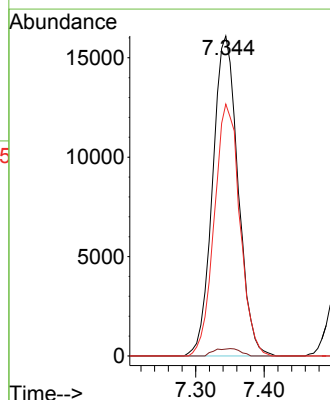
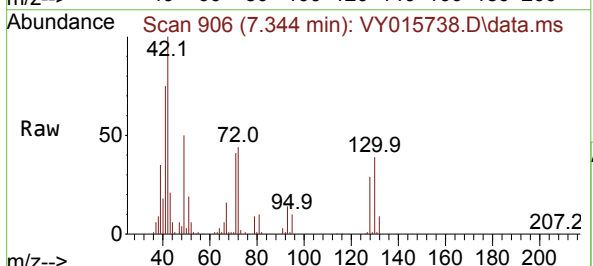
Tgt Ion: 49 Resp: 41424

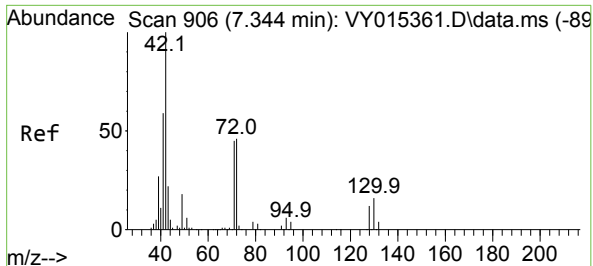
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 79.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 254.704 ug/l

RT: 7.362 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

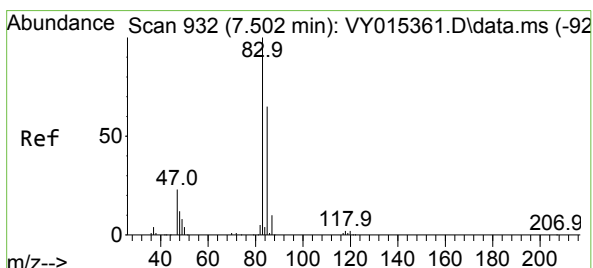
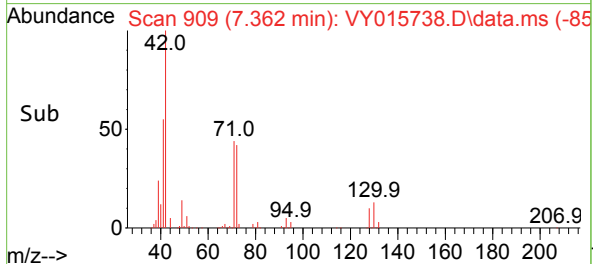
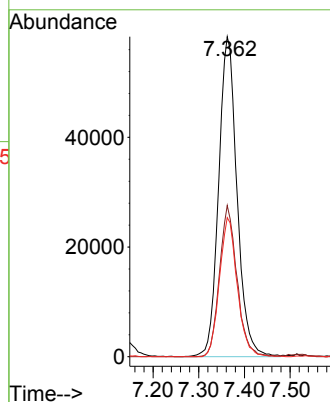
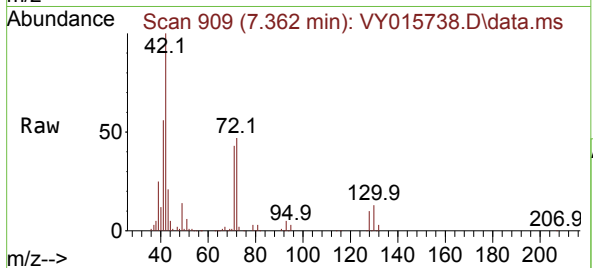
Tgt Ion: 42 Resp: 163178

Ion Ratio Lower Upper

42 100

72 45.1 32.8 49.2

71 42.0 31.0 46.4



#30

Chloroform

Concen: 47.619 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.019 min

Lab File: VY015738.D

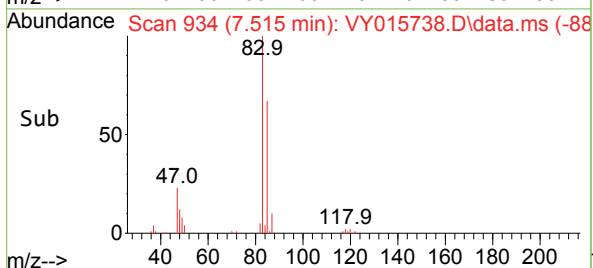
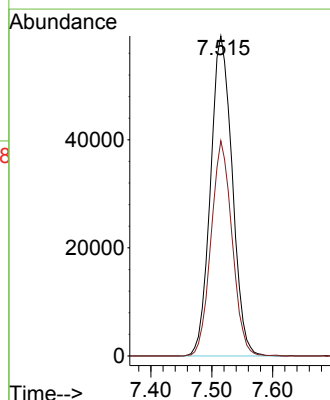
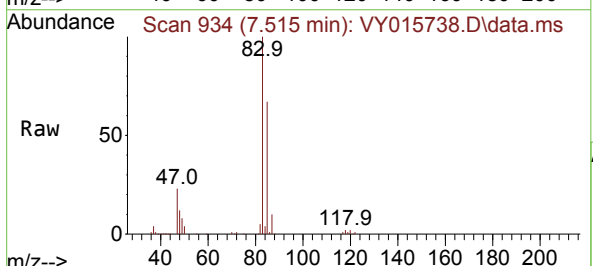
Acq: 27 Sep 2023 21:00

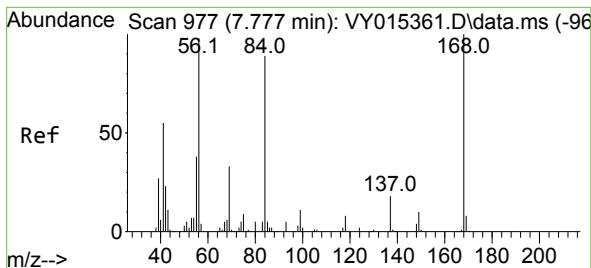
Tgt Ion: 83 Resp: 146541

Ion Ratio Lower Upper

83 100

85 67.2 49.7 74.5





#31

Cyclohexane

Concen: 43.039 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

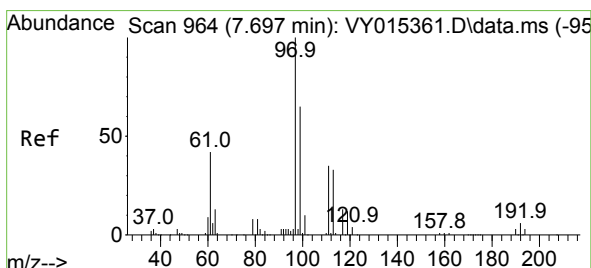
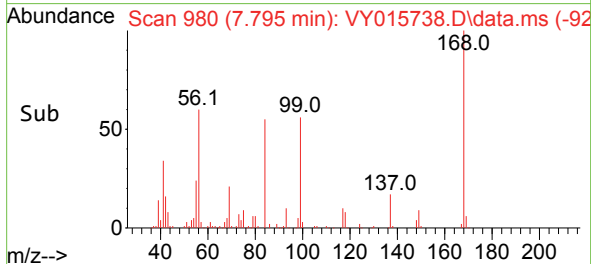
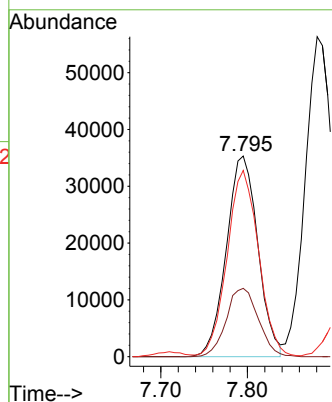
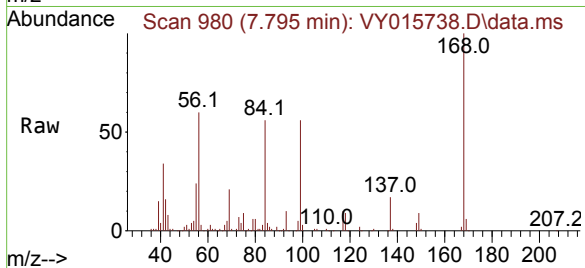
Tgt Ion: 56 Resp: 89342

Ion Ratio Lower Upper

56 100

69 34.1 27.8 41.6

84 90.9 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 47.793 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.019 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

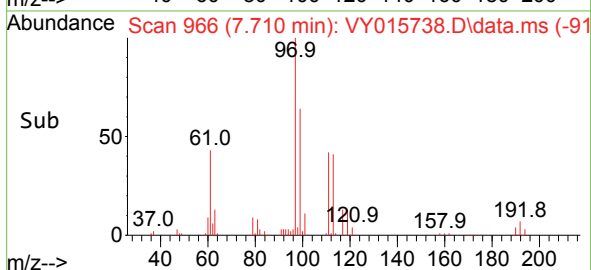
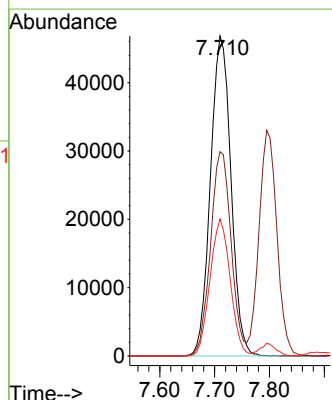
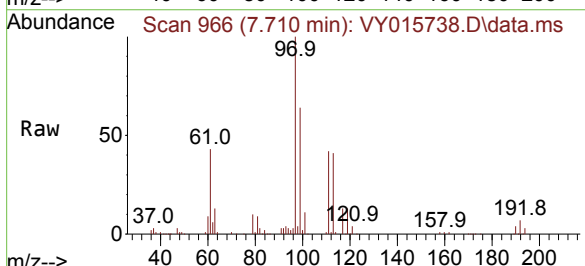
Tgt Ion: 97 Resp: 121415

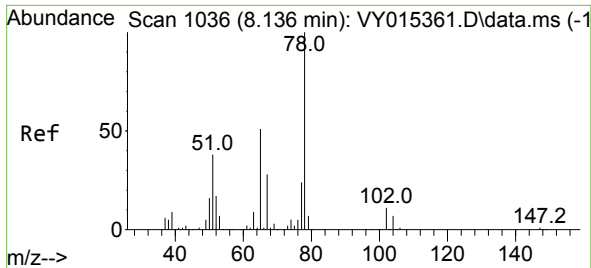
Ion Ratio Lower Upper

97 100

99 64.5 50.8 76.2

61 42.2 35.1 52.7

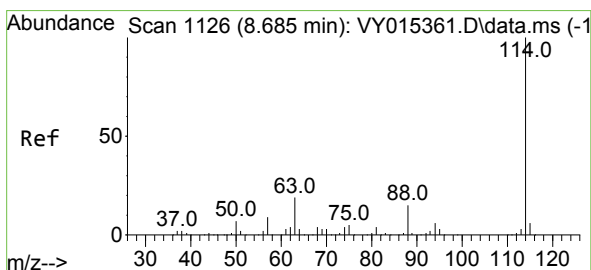
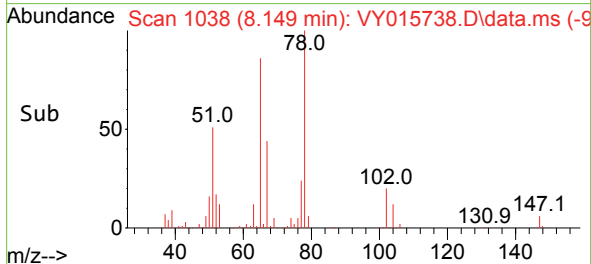
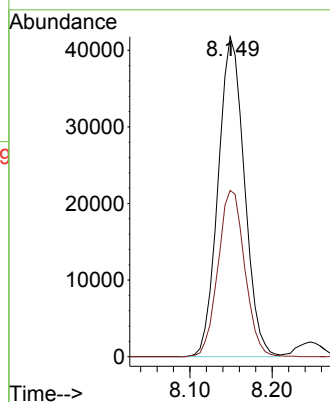
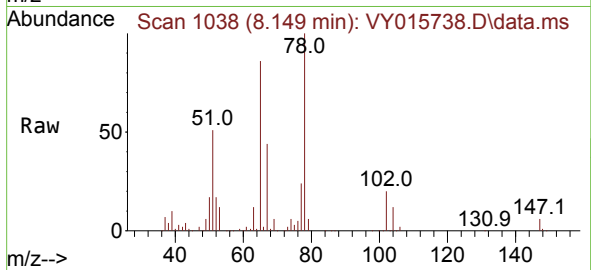




#33
 1,2-Dichloroethane-d4
 Concen: 61.985 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.013 min
 Lab File: VY015738.D
 Acq: 27 Sep 2023 21:00

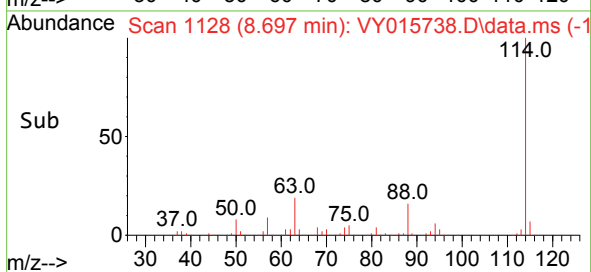
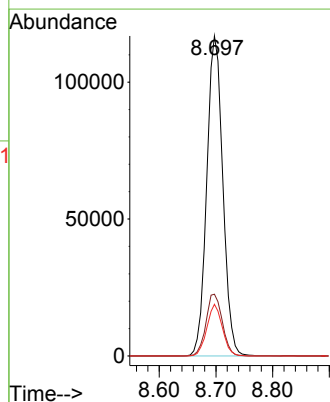
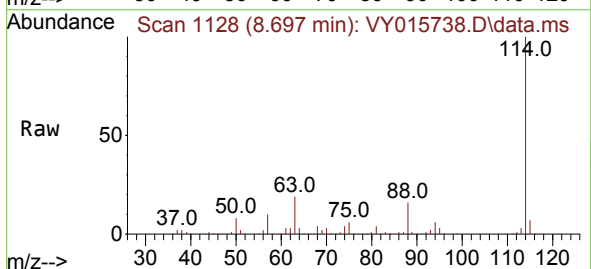
Instrument :
 MSVOA_Y
 ClientSampleId :

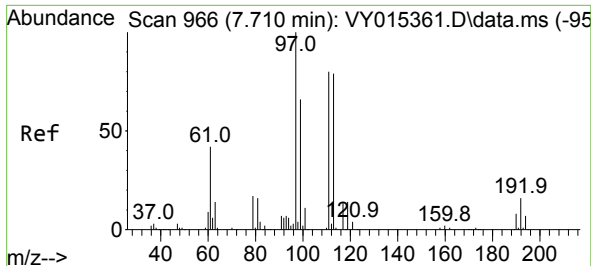
Tgt Ion: 65 Resp: 92883
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015738.D
 Acq: 27 Sep 2023 21:00

Tgt Ion: 114 Resp: 230286
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 16.1 0.0 30.6

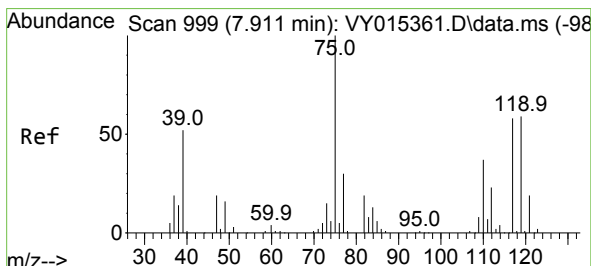
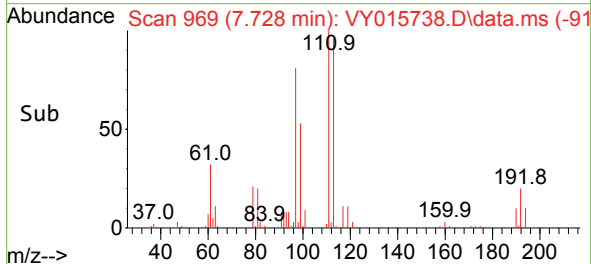
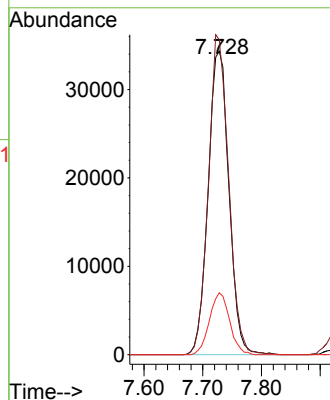
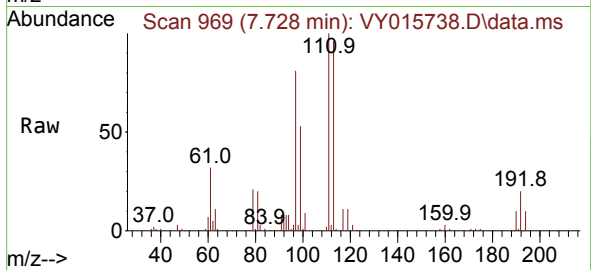




#35
Dibromofluoromethane
Concen: 61.372 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

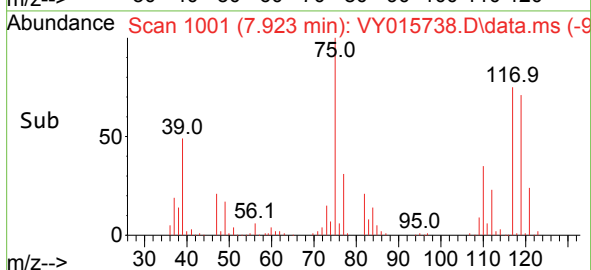
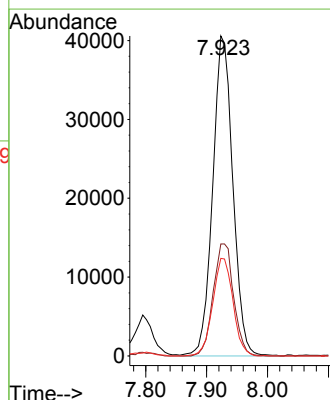
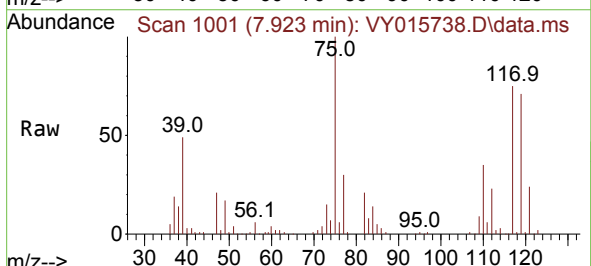
Instrument :
MSVOA_Y
ClientSampleId :

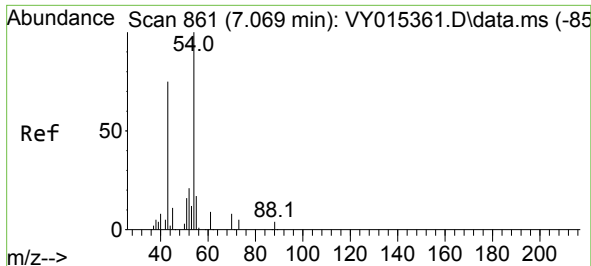
Tgt Ion:113 Resp: 84591
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 45.762 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion: 75 Resp: 93263
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 50.485 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.025 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

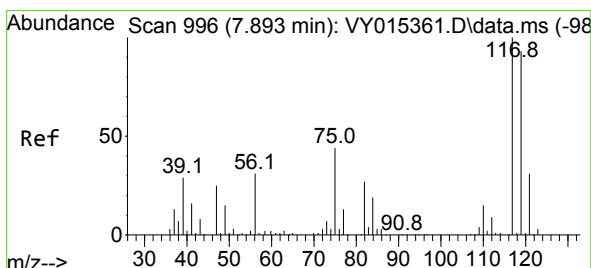
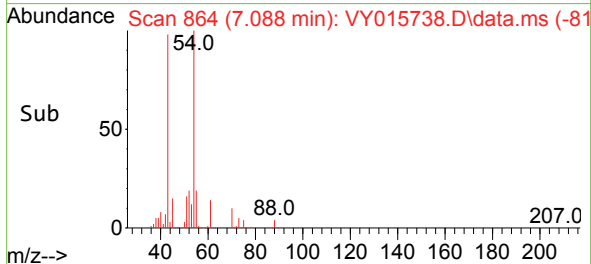
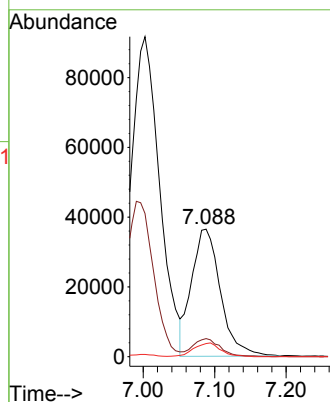
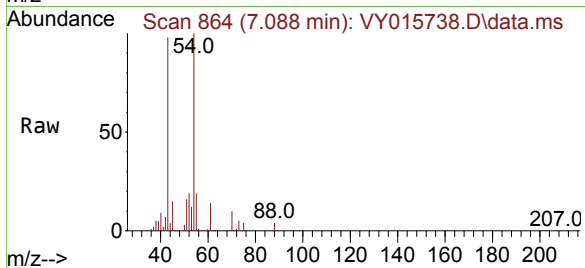
Tgt Ion: 43 Resp: 102626

Ion Ratio Lower Upper

43 100

61 13.7 10.1 15.1

70 10.0 7.1 10.7



#38

Carbon Tetrachloride

Concen: 47.330 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.018 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

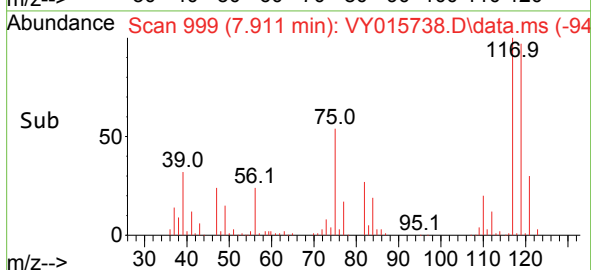
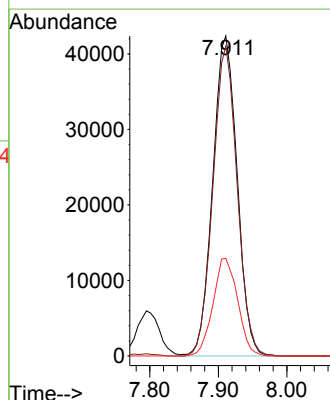
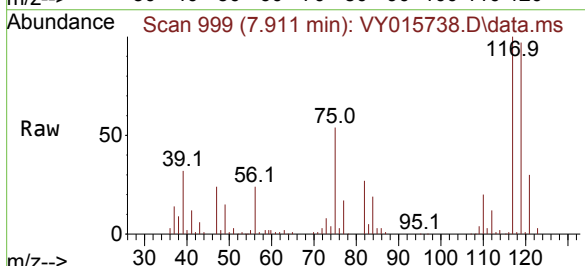
Tgt Ion: 117 Resp: 104703

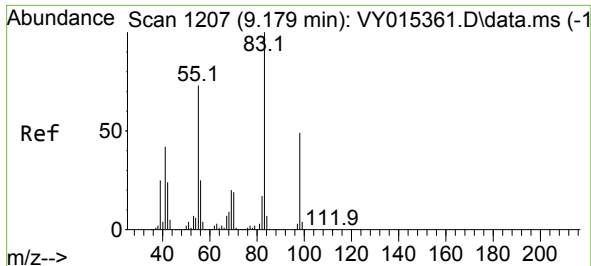
Ion Ratio Lower Upper

117 100

119 96.7 76.4 114.6

121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 45.029 ug/l

RT: 9.191 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

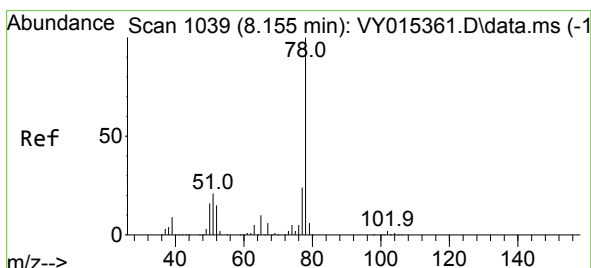
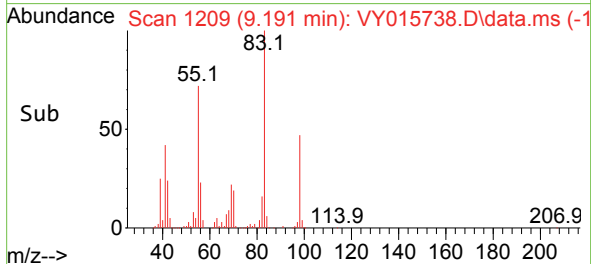
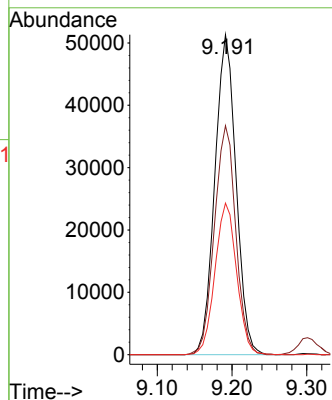
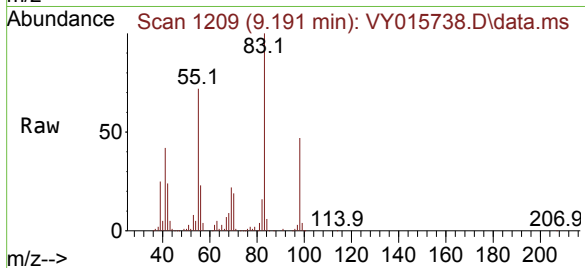
Tgt Ion: 83 Resp: 101501

Ion Ratio Lower Upper

83 100

55 71.5 63.0 94.4

98 47.4 37.4 56.2



#40

Benzene

Concen: 47.077 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.018 min

Lab File: VY015738.D

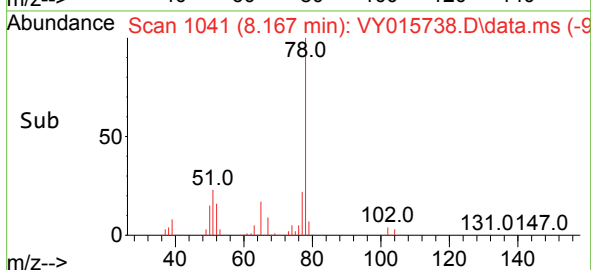
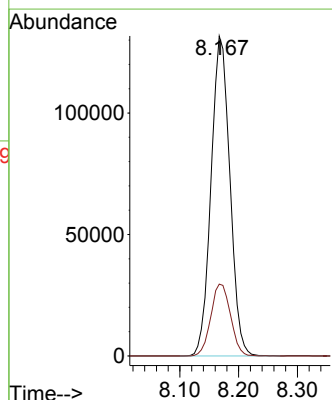
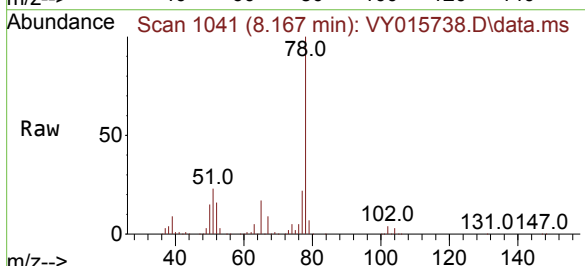
Acq: 27 Sep 2023 21:00

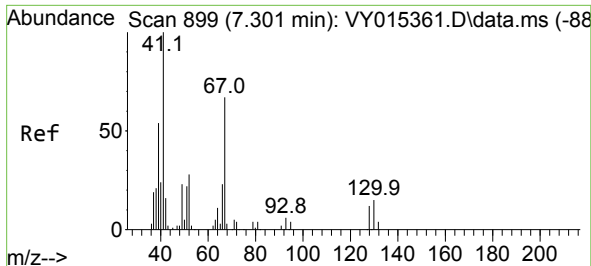
Tgt Ion: 78 Resp: 292583

Ion Ratio Lower Upper

78 100

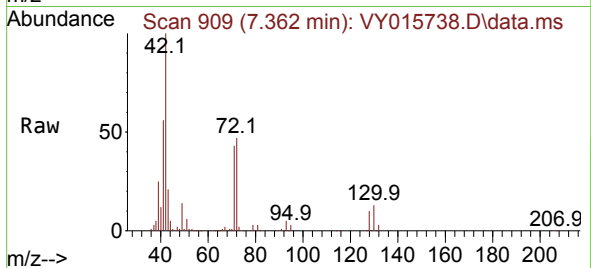
77 22.5 19.0 28.6



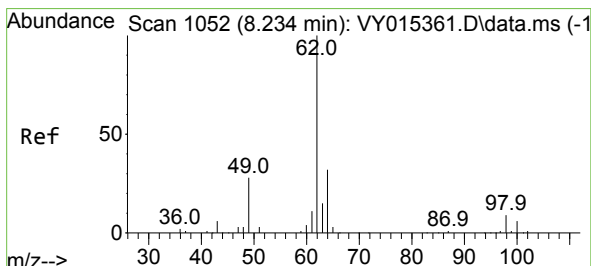
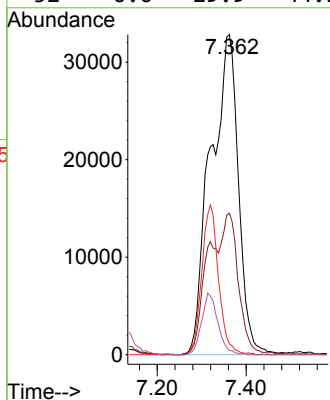
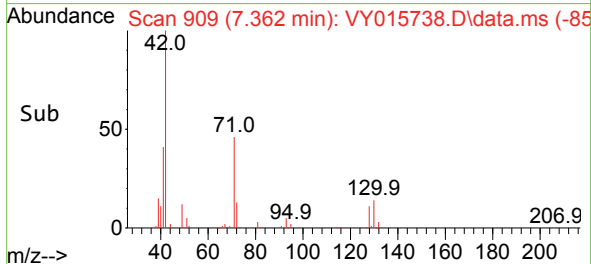


#41
Methacrylonitrile
Concen: 130.211 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.049 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

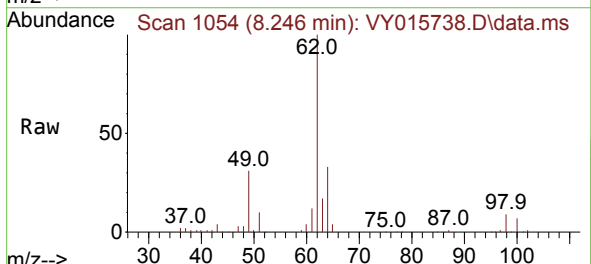
Instrument :
MSVOA_Y
ClientSampleId :



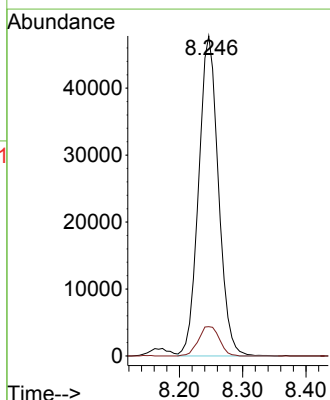
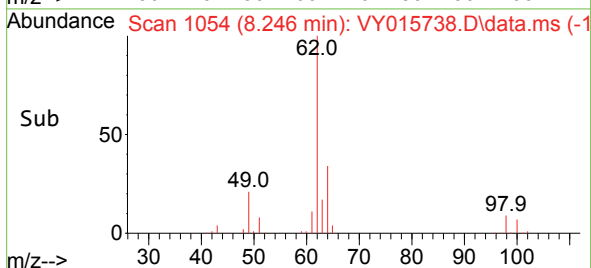
Tgt Ion: 41 Resp: 142522
Ion Ratio Lower Upper
41 100
39 26.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

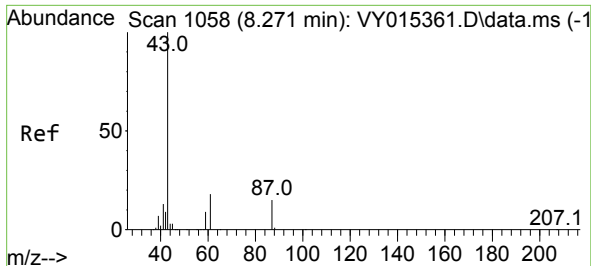


#42
1,2-Dichloroethane
Concen: 48.854 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00



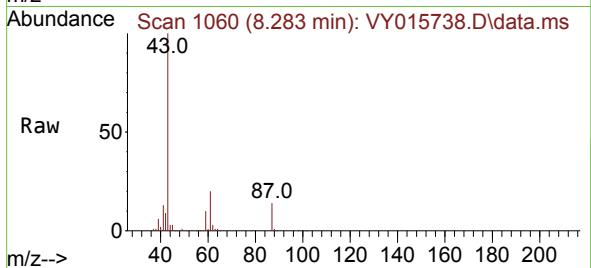
Tgt Ion: 62 Resp: 103986
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





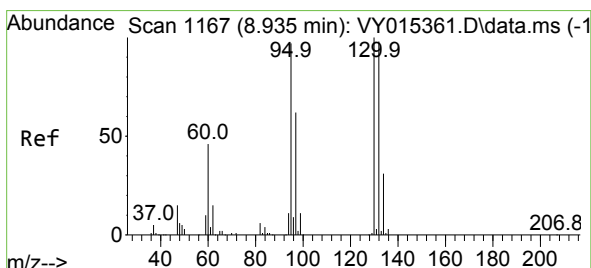
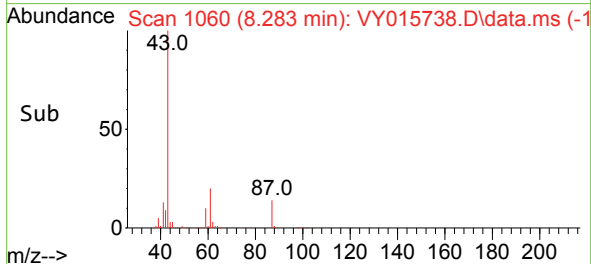
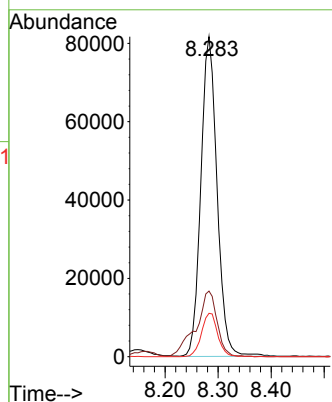
#43
Isopropyl Acetate
Concen: 49.908 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.019 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 43 Resp: 173302

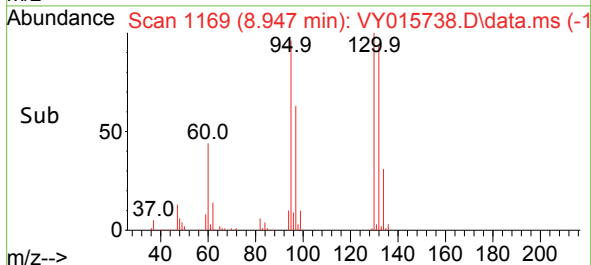
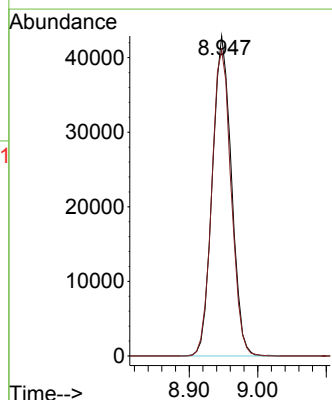
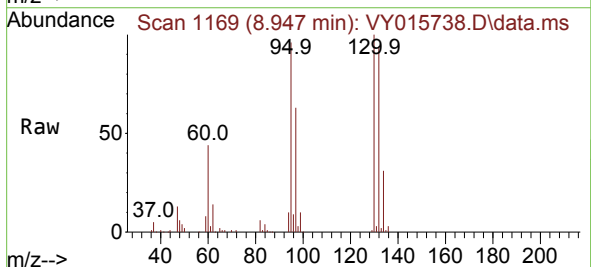
Ion	Ratio	Lower	Upper
43	100		
61	26.9	21.1	31.7
87	13.7	9.8	14.8

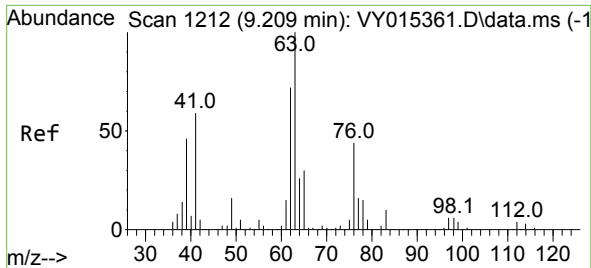


#44
Trichloroethene
Concen: 47.697 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion: 130 Resp: 82795

Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	196.0

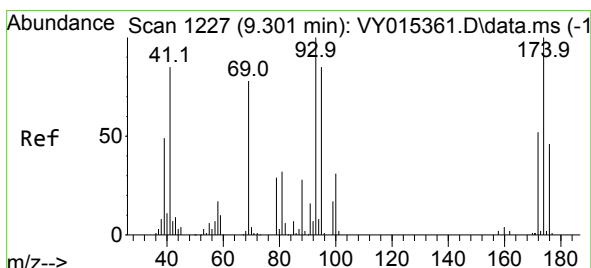
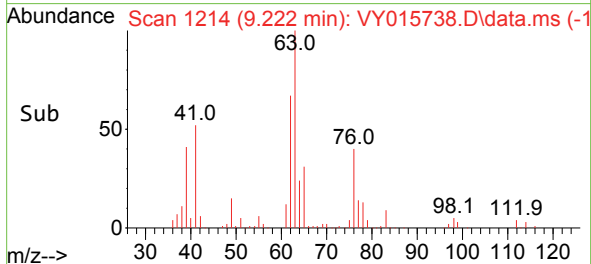
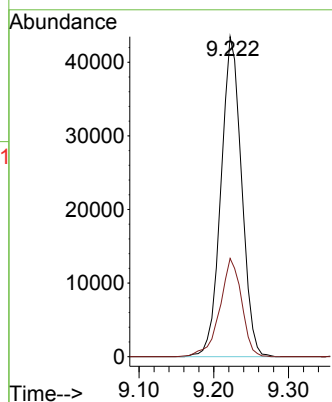
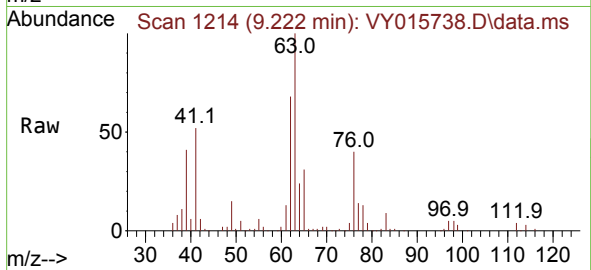




#45
1,2-Dichloropropane
Concen: 48.124 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.007 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

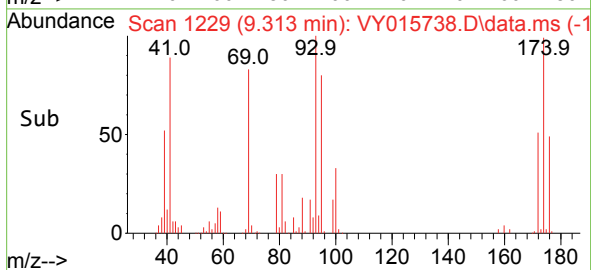
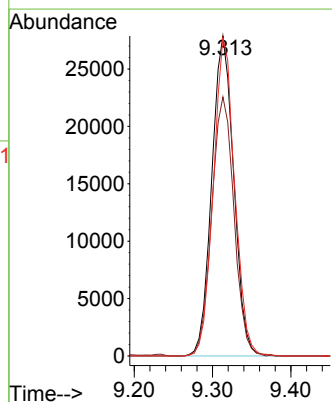
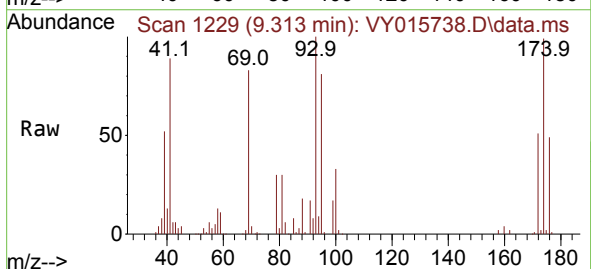
Instrument :
MSVOA_Y
ClientSampleId :

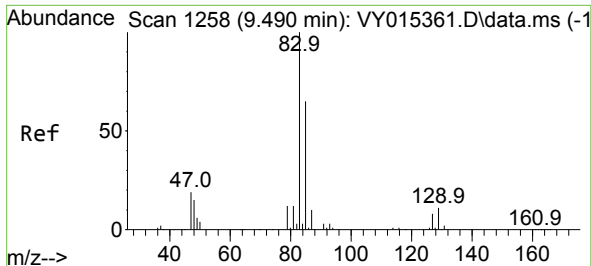
Tgt Ion: 63 Resp: 83406
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6



#46
Dibromomethane
Concen: 48.847 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion: 93 Resp: 54154
Ion Ratio Lower Upper
93 100
95 82.2 66.6 100.0
174 96.4 84.8 127.2

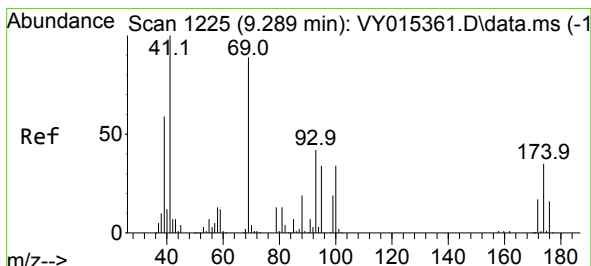
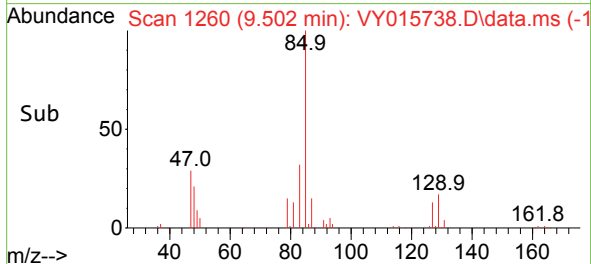
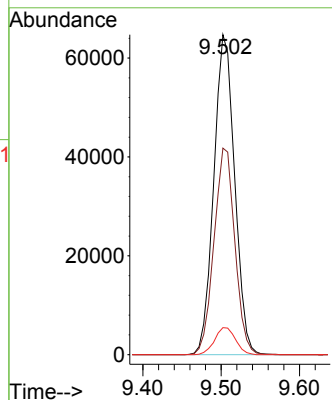
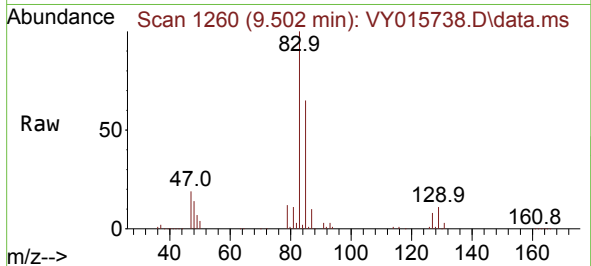




#47
Bromodichloromethane
Concen: 48.499 ug/l
RT: 9.502 min Scan# 119848
Delta R.T. 0.012 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

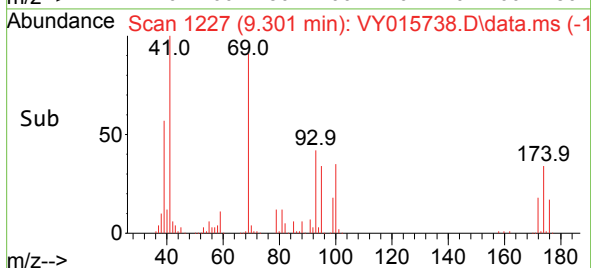
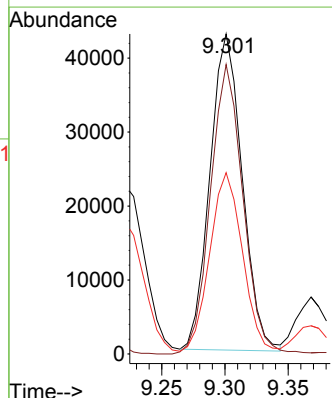
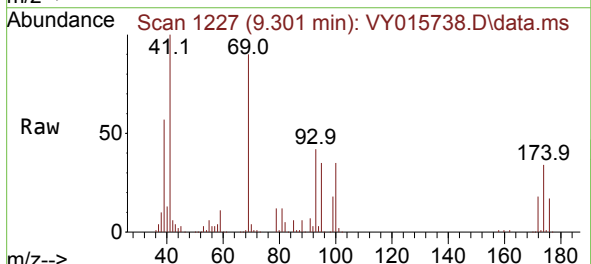
Instrument :
MSVOA_Y
ClientSampleId :

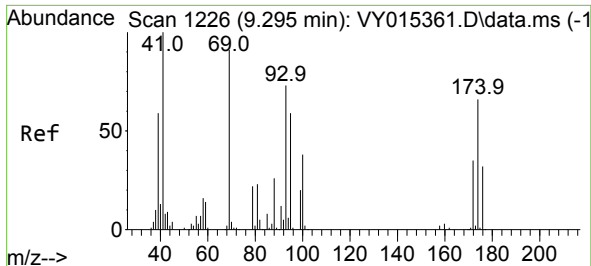
Tgt Ion: 83 Resp: 119848
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 49.728 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion: 41 Resp: 75794
Ion Ratio Lower Upper
41 100
69 92.4 64.5 96.7
39 59.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1056.872 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.036 min

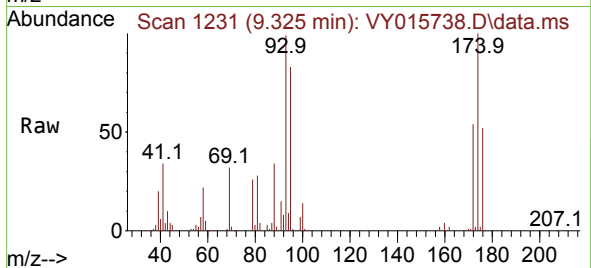
Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :



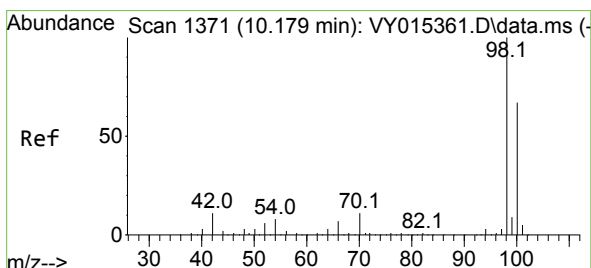
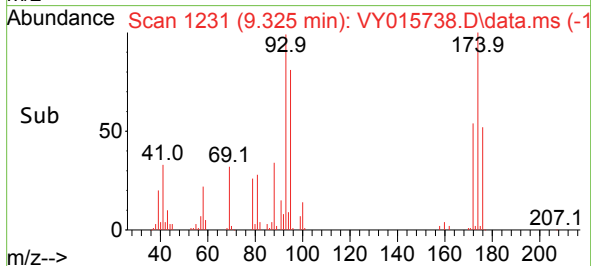
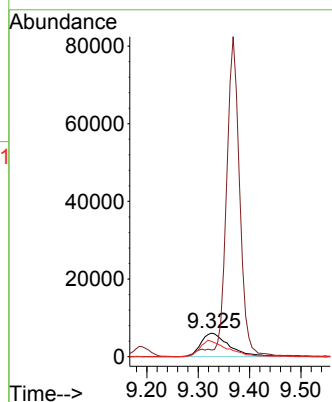
Tgt Ion: 88 Resp: 23148

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 67.4 30.9 46.3#



#50

Toluene-d8

Concen: 64.002 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015738.D

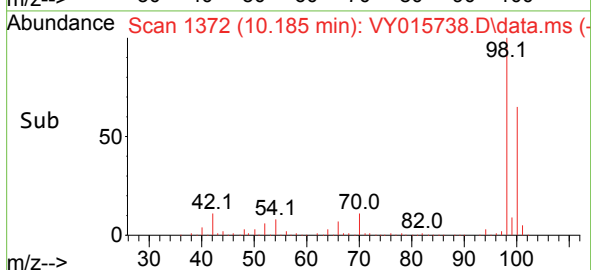
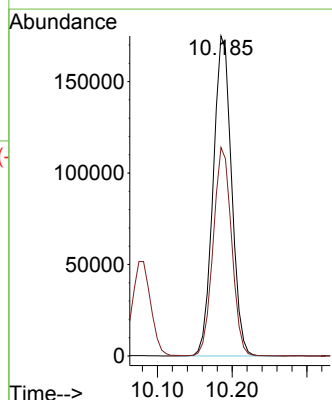
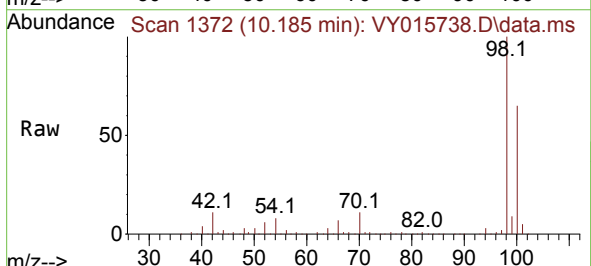
Acq: 27 Sep 2023 21:00

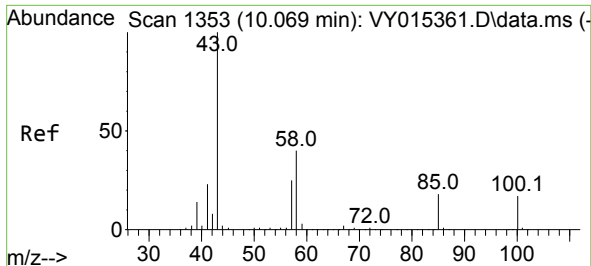
Tgt Ion: 98 Resp: 299112

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

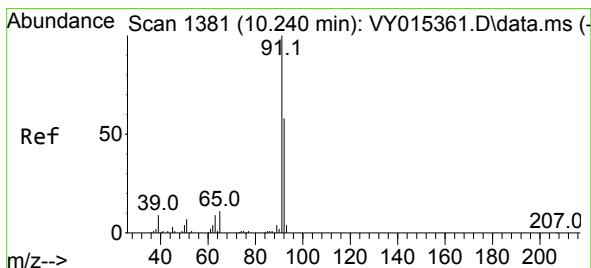
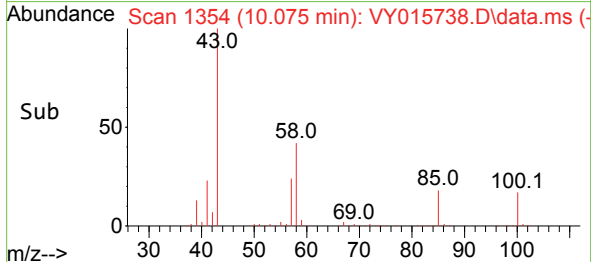
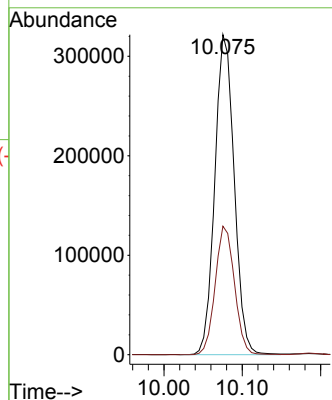
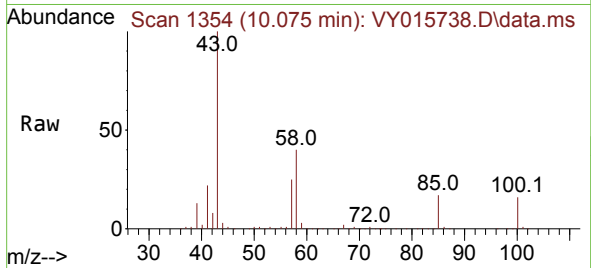




#51
4-Methyl-2-Pentanone
Concen: 257.328 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

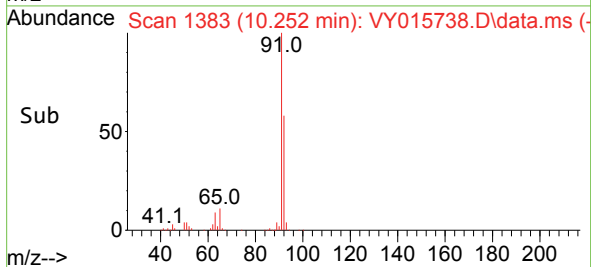
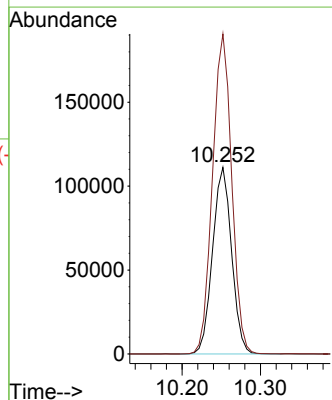
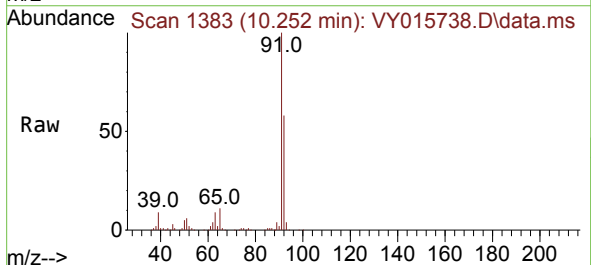
Instrument :
MSVOA_Y
ClientSampleId :

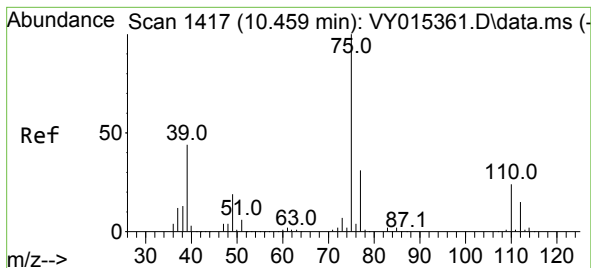
Tgt Ion: 43 Resp: 553836
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 46.824 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion: 92 Resp: 187612
Ion Ratio Lower Upper
92 100
91 173.0 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 48.233 ug/l

RT: 10.471 min Scan# 1417

Delta R.T. 0.012 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

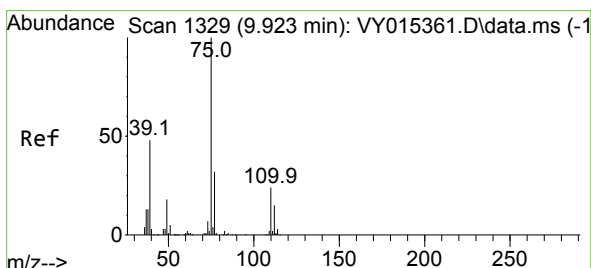
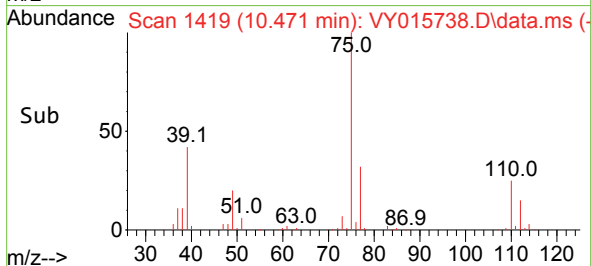
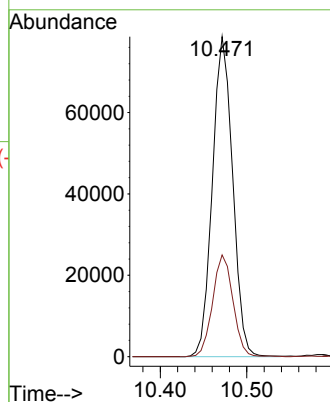
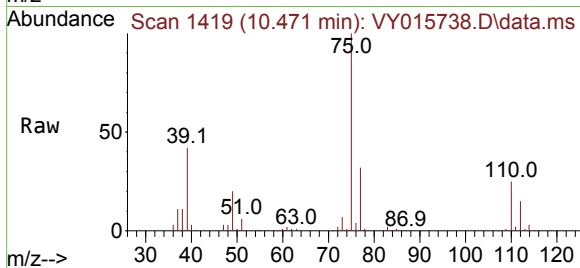
ClientSampleId :

Tgt Ion: 75 Resp: 127817

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 47.712 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. 0.012 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

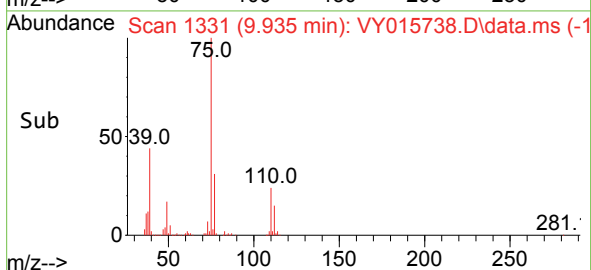
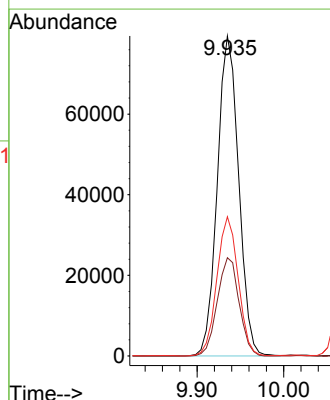
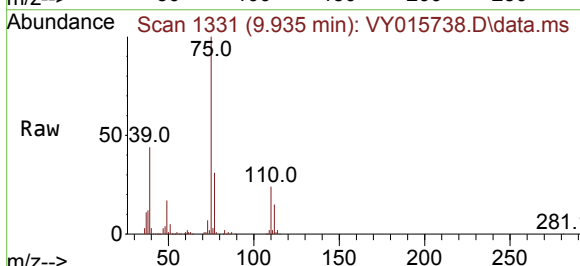
Tgt Ion: 75 Resp: 136098

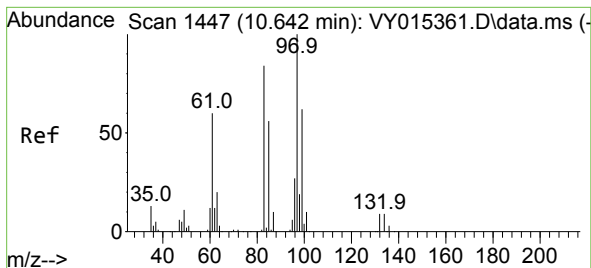
Ion Ratio Lower Upper

75 100

77 30.7 24.2 36.4

39 43.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 49.680 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 80716

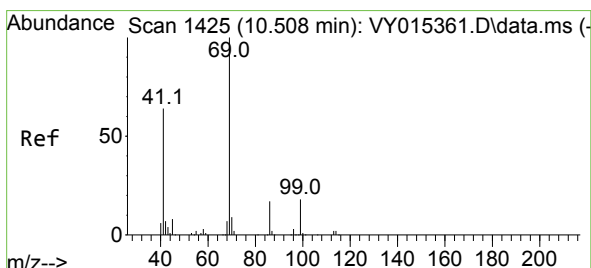
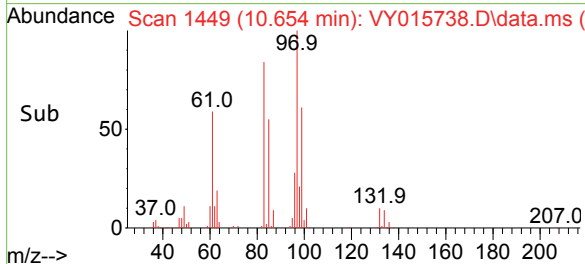
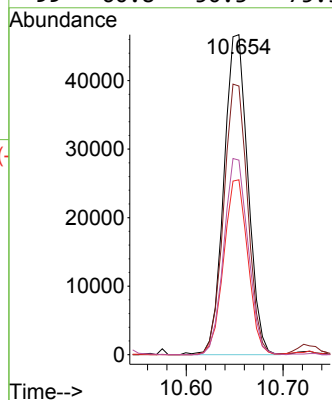
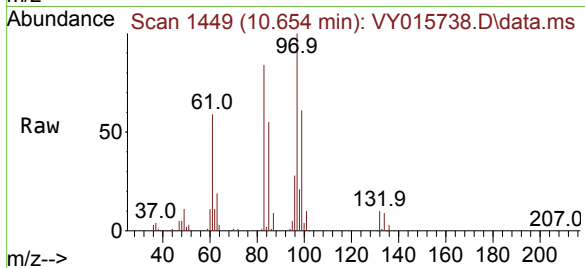
Ion Ratio Lower Upper

97 100

83 83.9 72.0 108.0

85 54.6 45.4 68.0

99 60.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 50.644 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

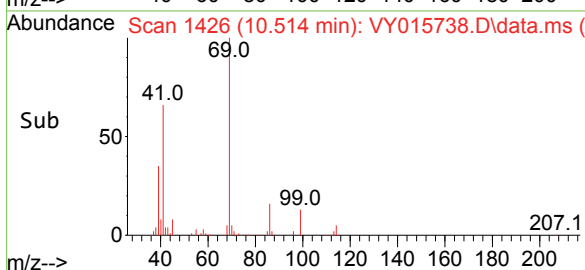
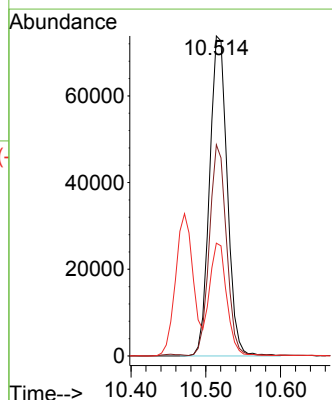
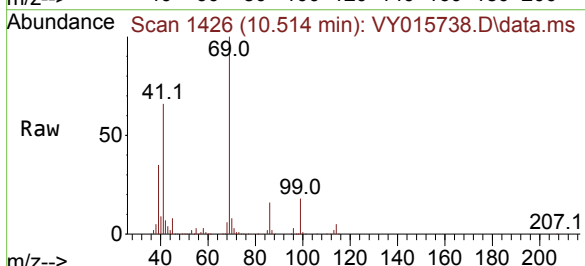
Tgt Ion: 69 Resp: 121258

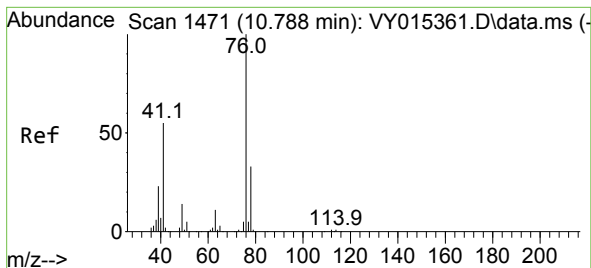
Ion Ratio Lower Upper

69 100

41 63.4 57.6 86.4

39 33.7 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 49.276 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

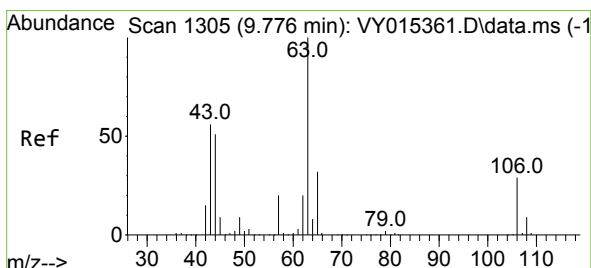
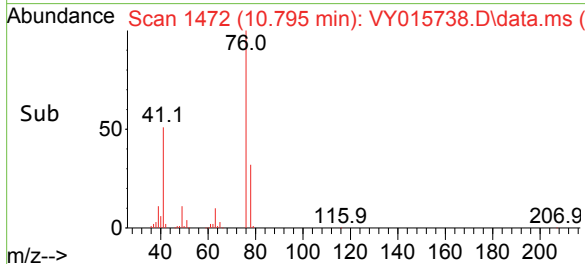
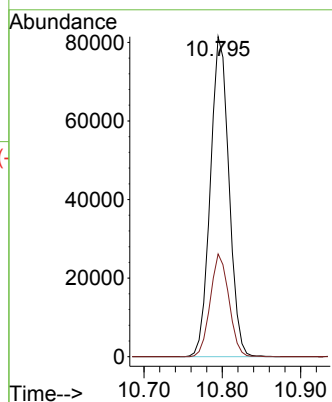
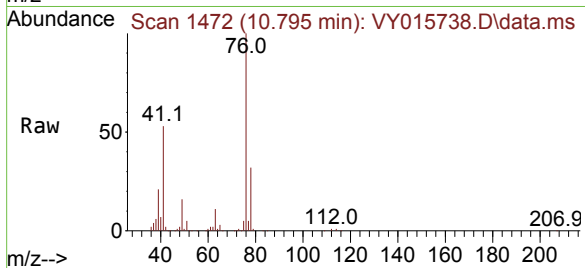
ClientSampleId :

Tgt Ion: 76 Resp: 134256

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 235.758 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.013 min

Lab File: VY015738.D

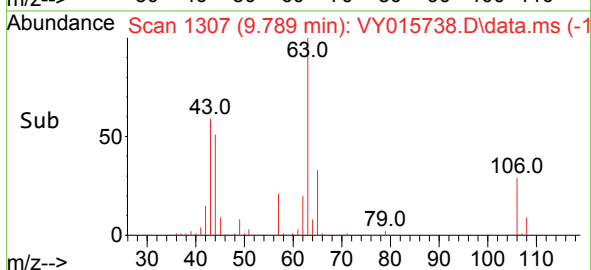
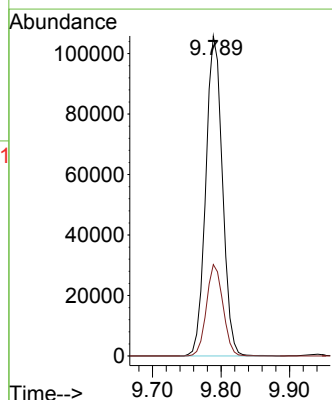
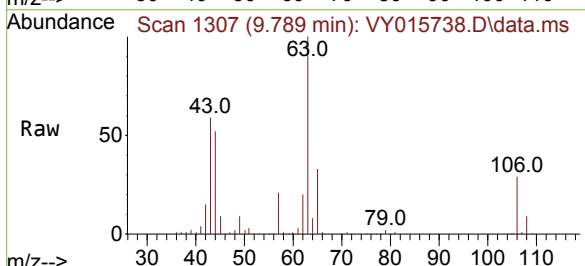
Acq: 27 Sep 2023 21:00

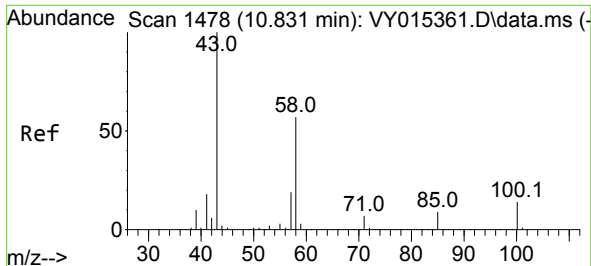
Tgt Ion: 63 Resp: 179302

Ion Ratio Lower Upper

63 100

106 28.3 21.2 31.8

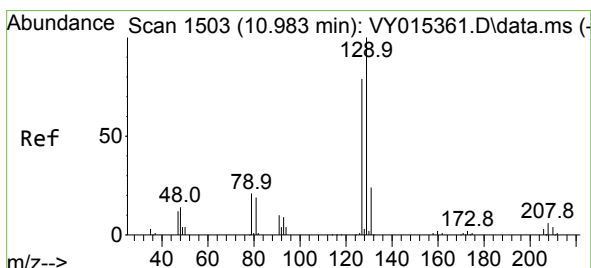
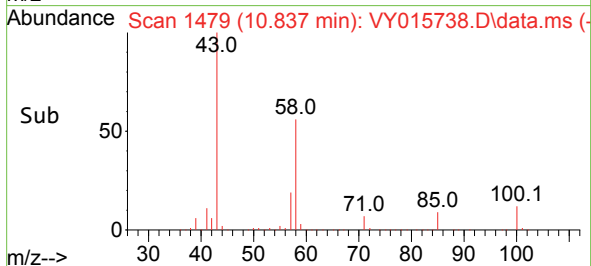
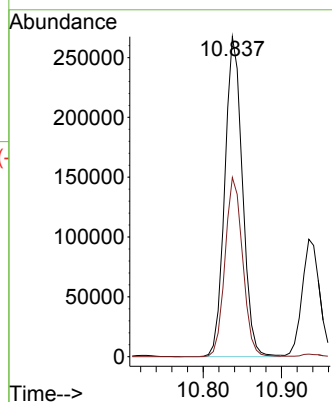
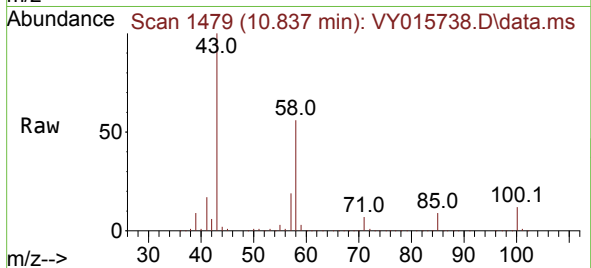




#59
2-Hexanone
Concen: 253.971 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

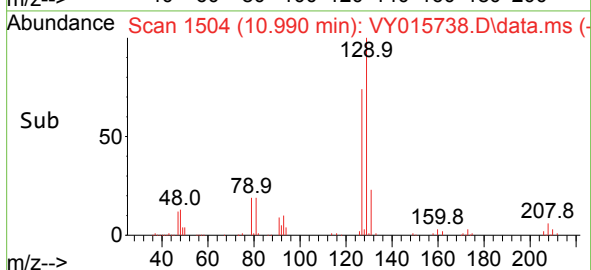
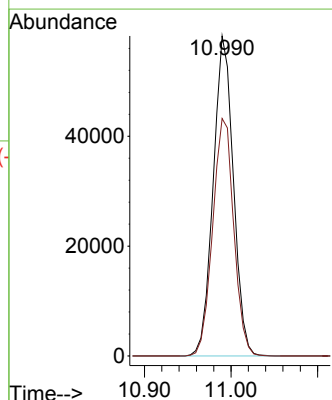
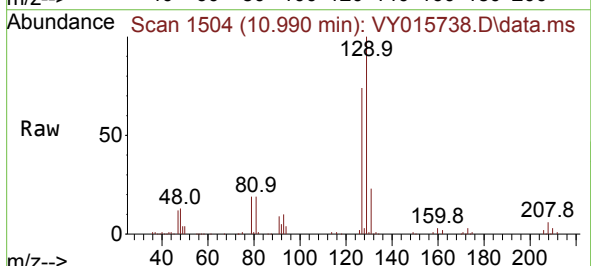
Instrument :
MSVOA_Y
ClientSampleId :

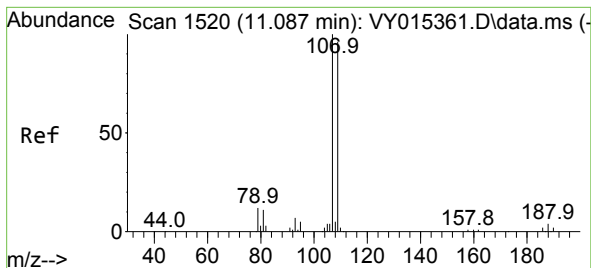
Tgt Ion: 43 Resp: 419367
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 49.663 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion:129 Resp: 94190
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

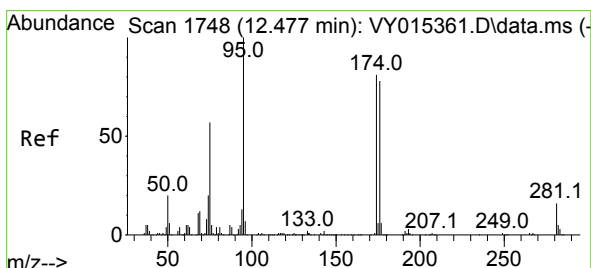
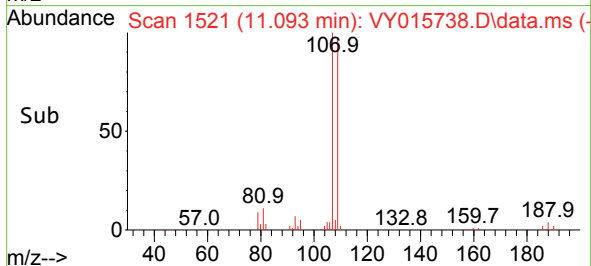
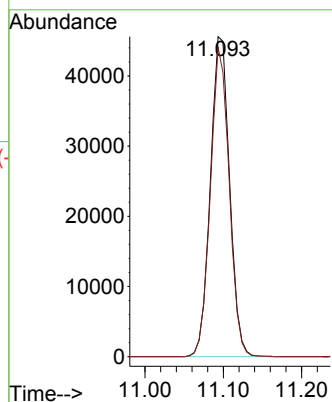
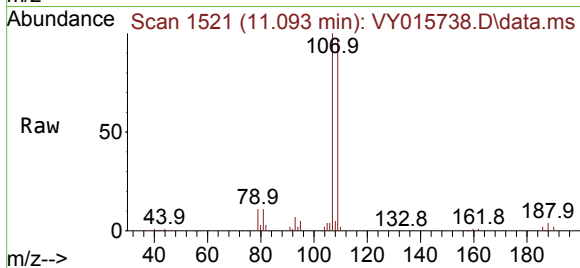




#61
1,2-Dibromoethane
Concen: 48.895 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

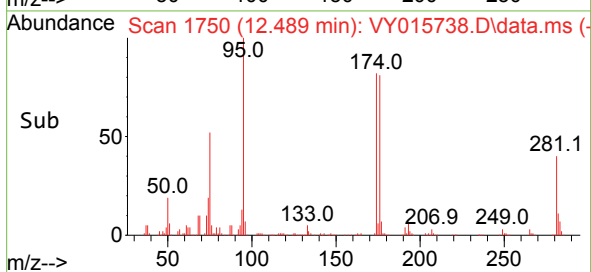
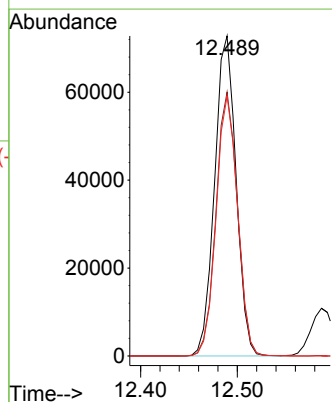
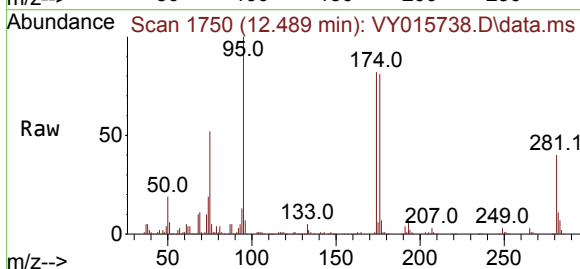
Instrument :
MSVOA_Y
ClientSampleId :

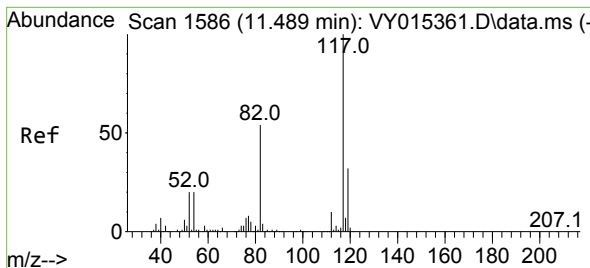
Tgt Ion:107 Resp: 77716
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 61.188 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion: 95 Resp: 112220
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.2
176 81.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

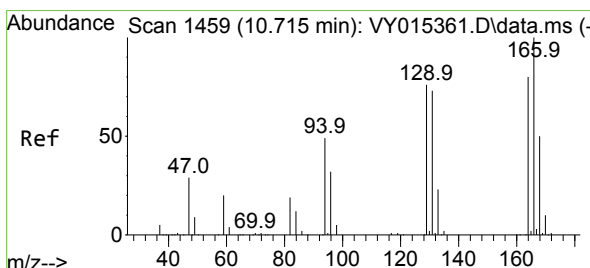
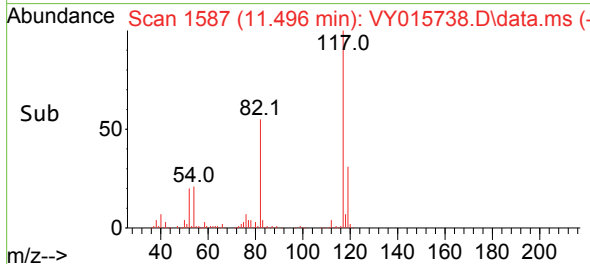
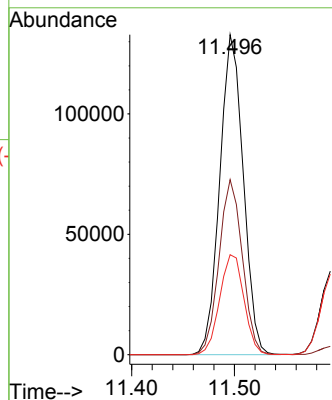
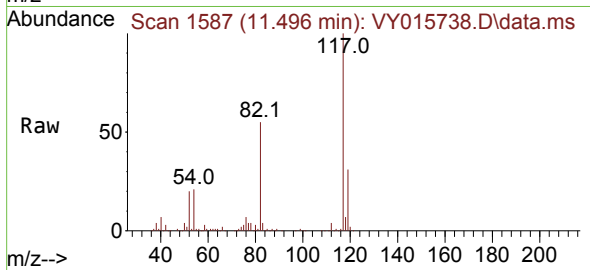
Tgt Ion:117 Resp: 211296

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 31.3 26.3 39.5



#64

Tetrachloroethene

Concen: 49.951 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.013 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Tgt Ion:164 Resp: 90553

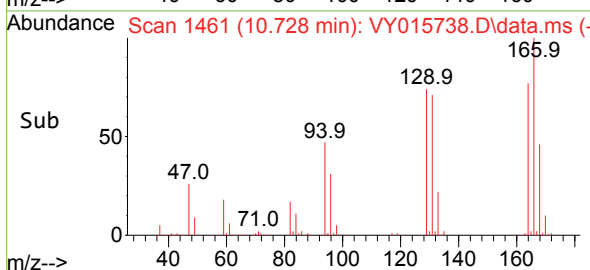
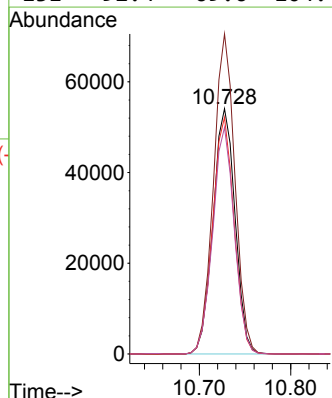
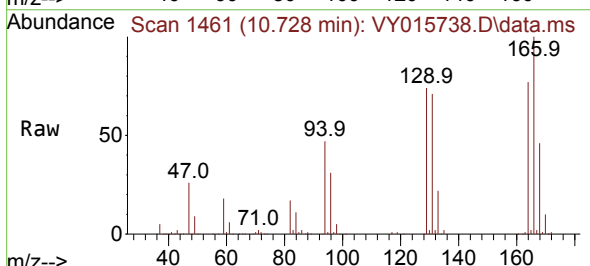
Ion Ratio Lower Upper

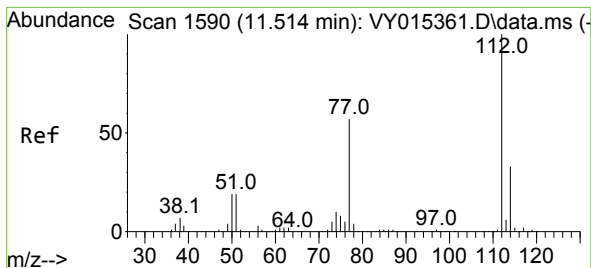
164 100

166 130.5 103.0 154.6

129 96.5 77.2 115.8

131 92.4 69.6 104.4





#65

Chlorobenzene

Concen: 47.072 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

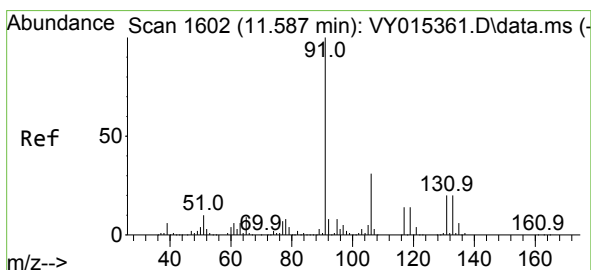
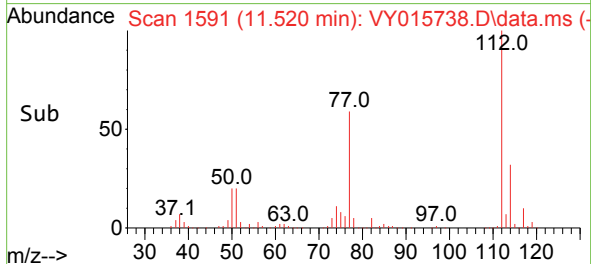
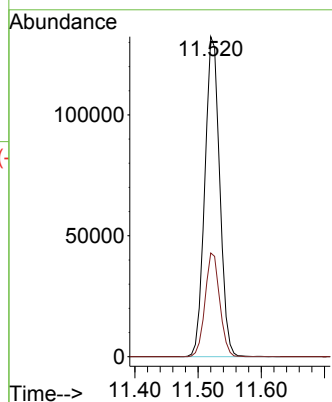
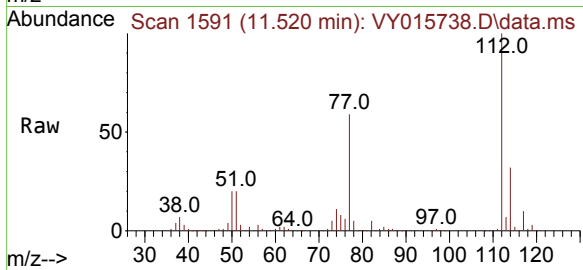
ClientSampleId :

Tgt Ion:112 Resp: 217104

Ion Ratio Lower Upper

112 100

114 32.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.572 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

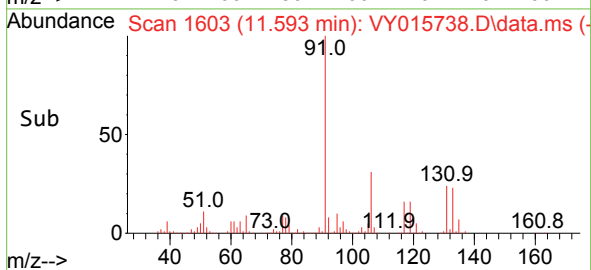
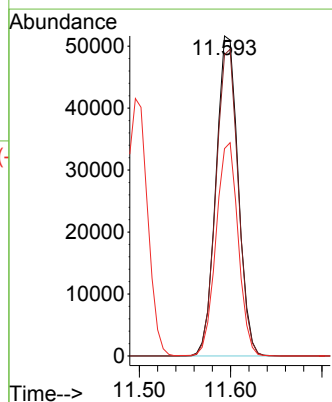
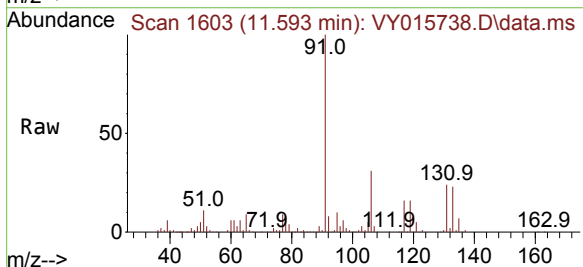
Tgt Ion:131 Resp: 87020

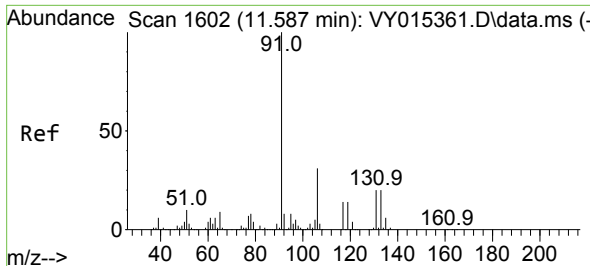
Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.6

119 66.8 31.6 94.7





#67

Ethyl Benzene

Concen: 46.939 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

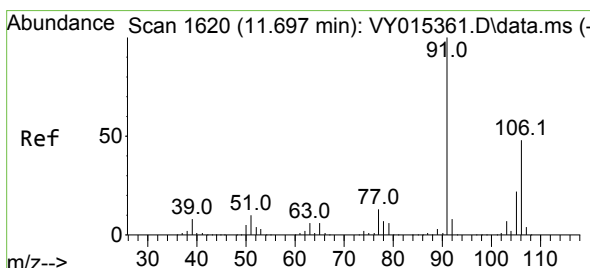
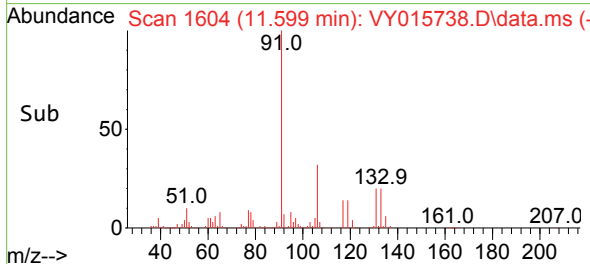
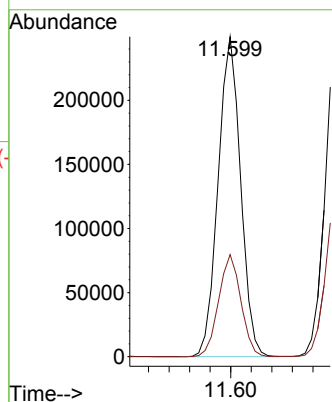
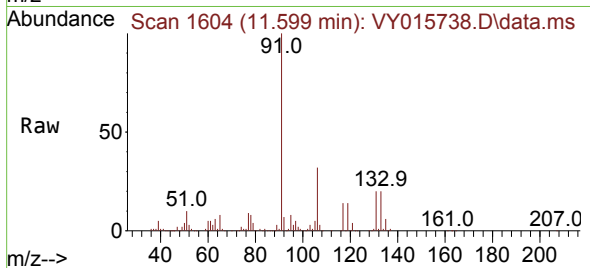
ClientSampleId :

Tgt Ion: 91 Resp: 378394

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 94.633 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015738.D

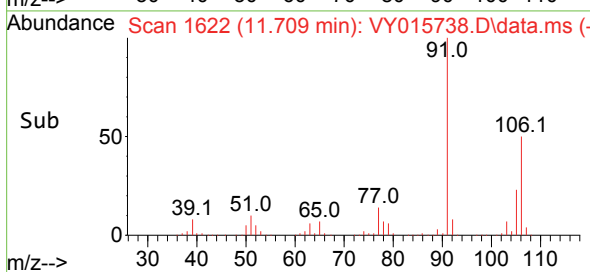
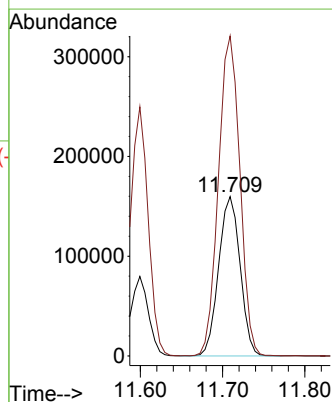
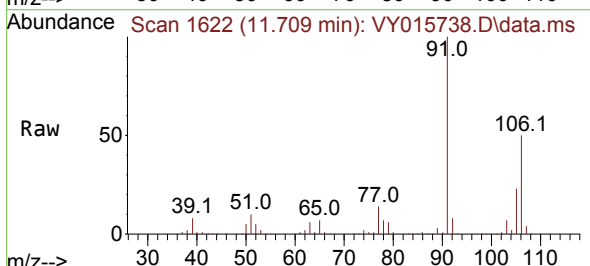
Acq: 27 Sep 2023 21:00

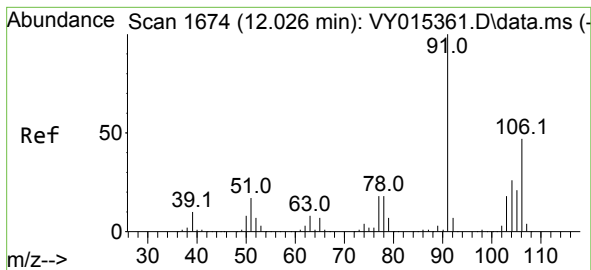
Tgt Ion:106 Resp: 289963

Ion Ratio Lower Upper

106 100

91 201.5 166.1 249.1

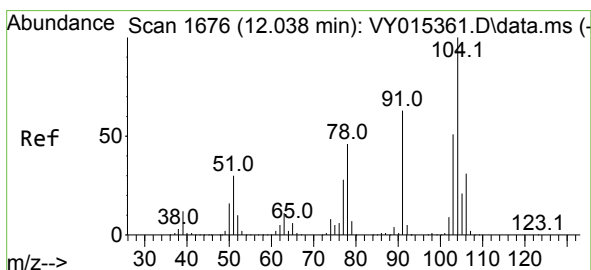
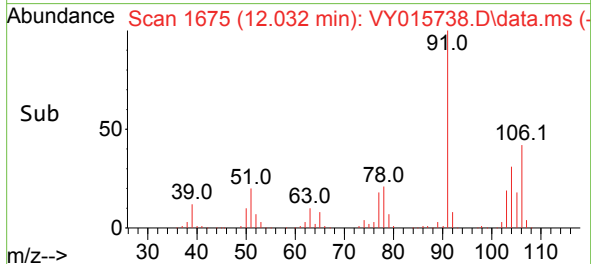
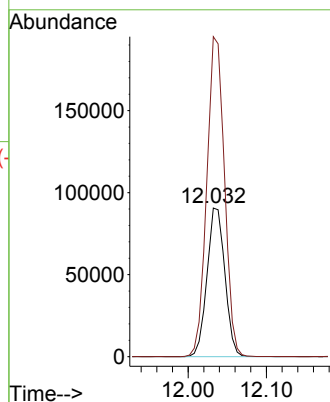
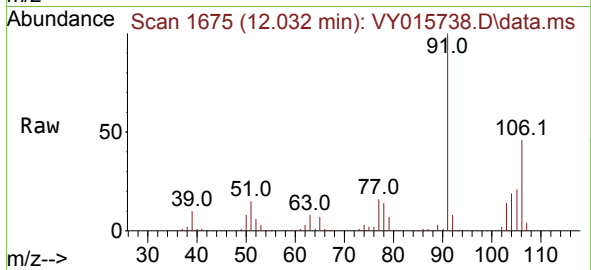




#69
o-Xylene
Concen: 47.704 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

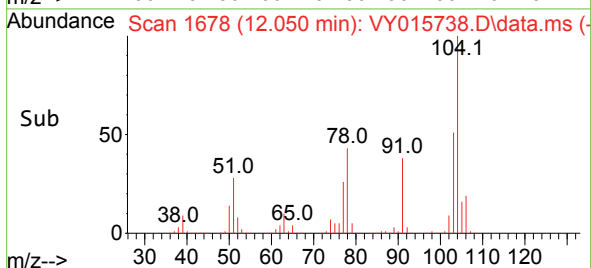
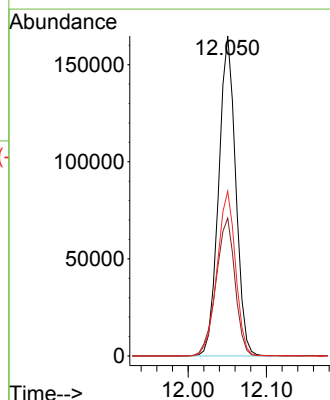
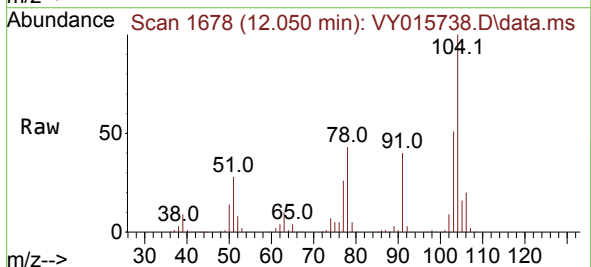
Instrument :
MSVOA_Y
ClientSampleId :

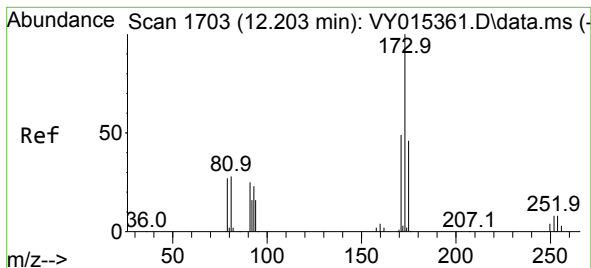
Tgt Ion:106 Resp: 143328
Ion Ratio Lower Upper
106 100
91 213.5 108.1 324.3



#70
Styrene
Concen: 48.587 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion:104 Resp: 249878
Ion Ratio Lower Upper
104 100
78 48.0 41.5 62.3
103 55.5 44.6 67.0





#71

Bromoform

Concen: 51.407 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

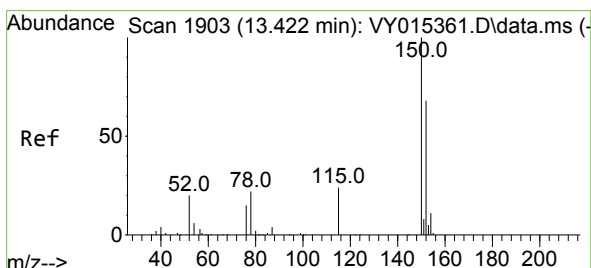
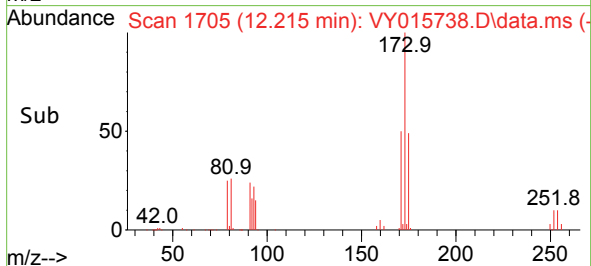
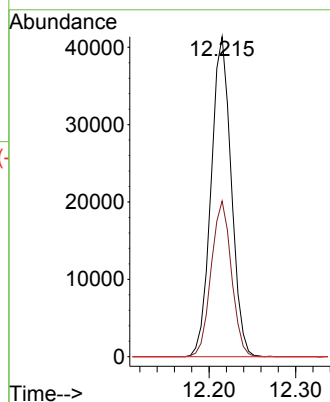
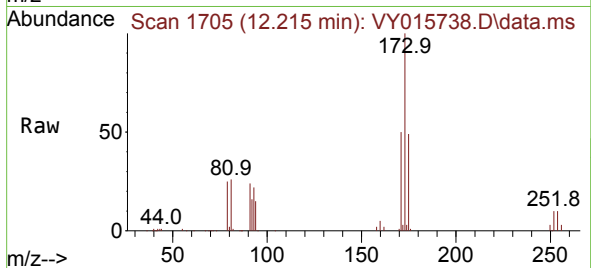
Tgt Ion:173 Resp: 66740

Ion Ratio Lower Upper

173 100

175 48.8 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: VY015738.D

Acq: 27 Sep 2023 21:00

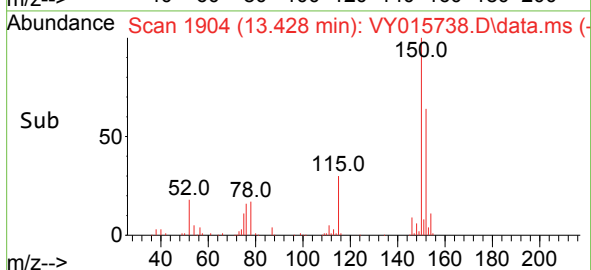
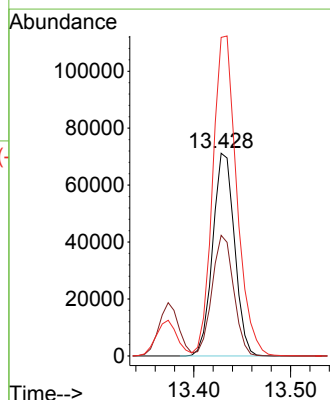
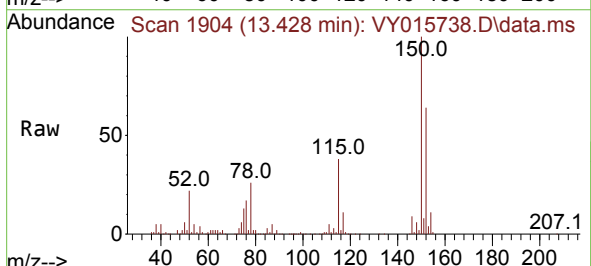
Tgt Ion:152 Resp: 111553

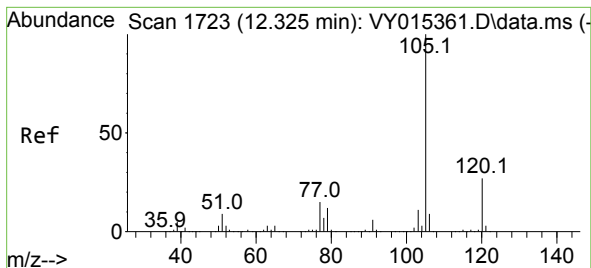
Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 174.2 0.0 348.8





#73

Isopropylbenzene

Concen: 45.342 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

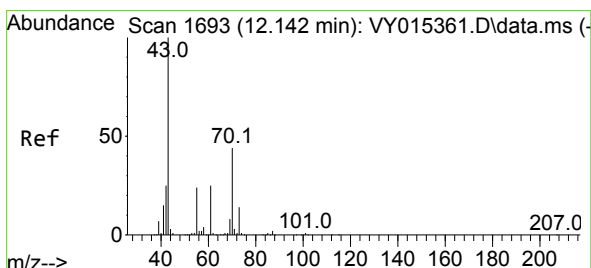
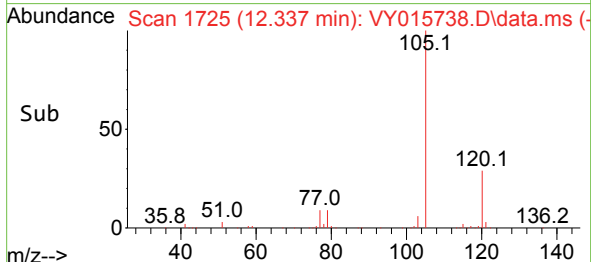
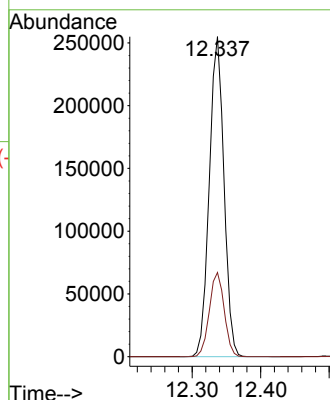
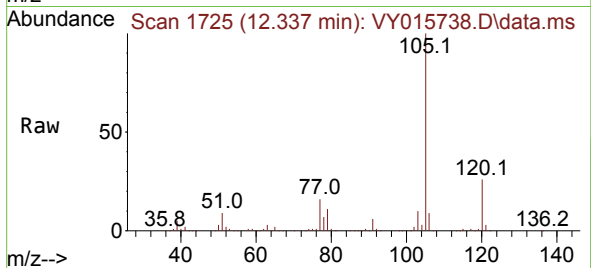
ClientSampleId :

Tgt Ion:105 Resp: 379440

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 48.185 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Tgt Ion: 43 Resp: 151555

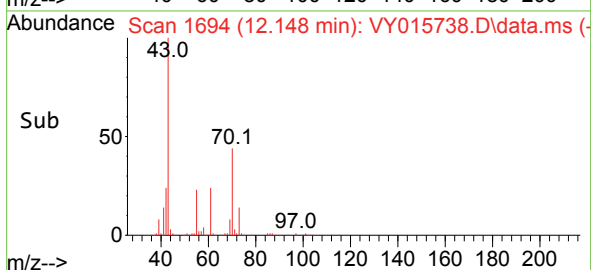
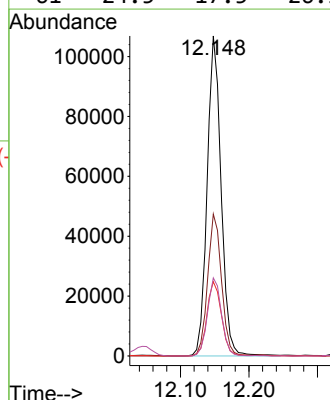
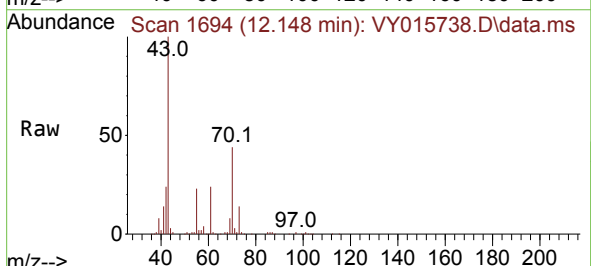
Ion Ratio Lower Upper

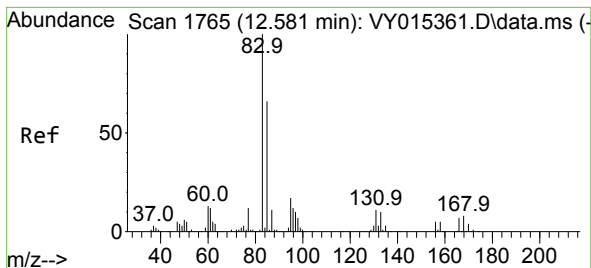
43 100

70 44.4 29.7 44.5

55 24.3 18.3 27.5

61 24.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.665 ug/l

RT: 12.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

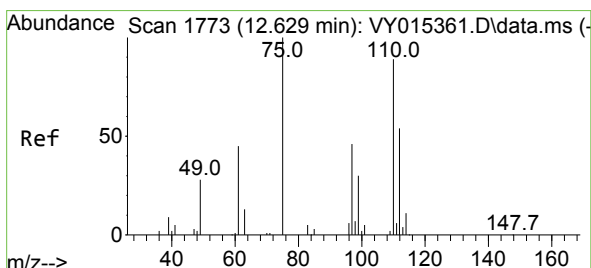
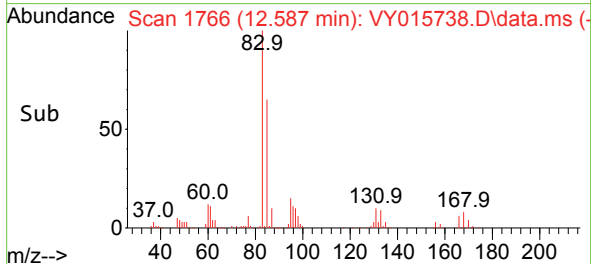
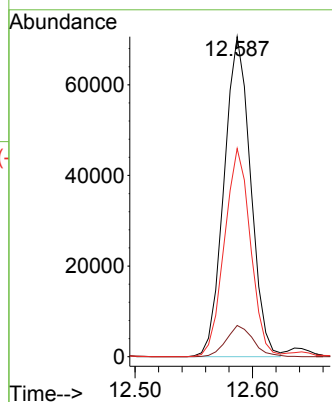
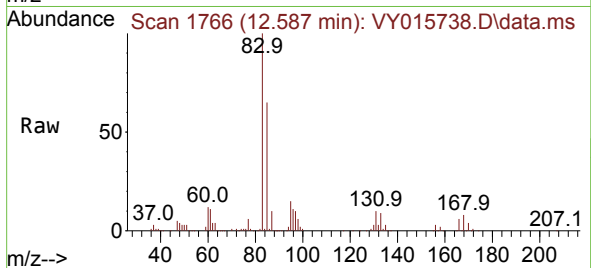
Tgt Ion: 83 Resp: 111011

Ion Ratio Lower Upper

83 100

131 9.9 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 81.970 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015738.D

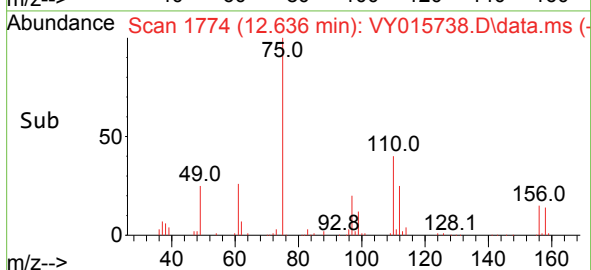
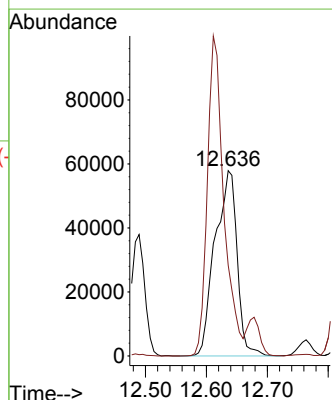
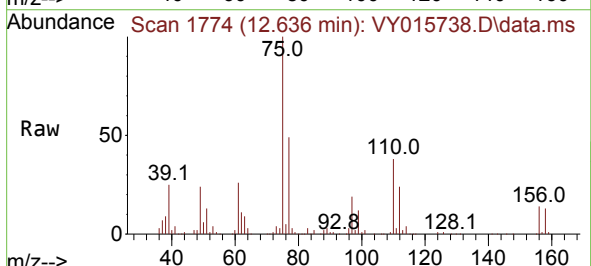
Acq: 27 Sep 2023 21:00

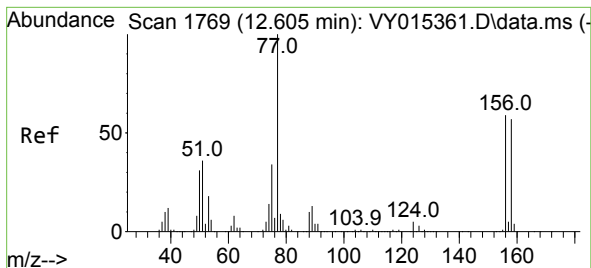
Tgt Ion: 75 Resp: 145877

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.089 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

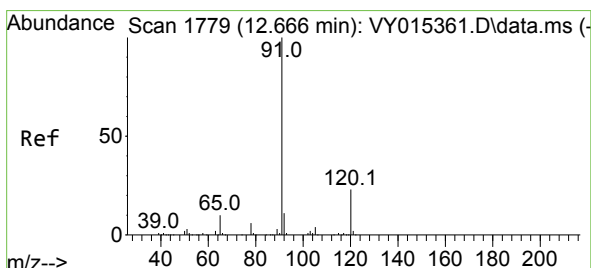
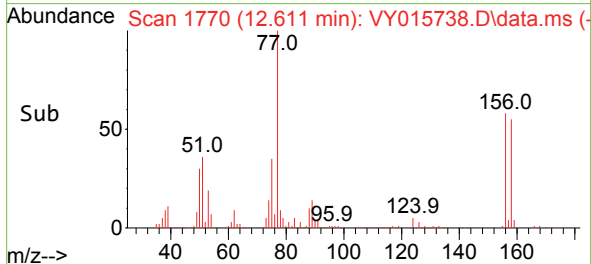
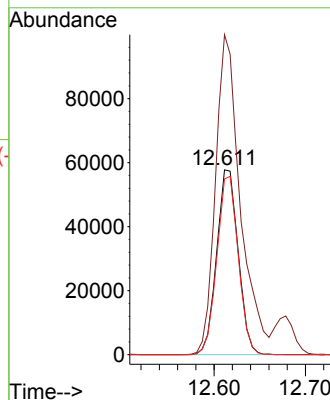
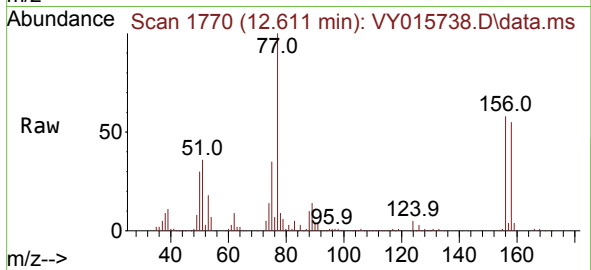
Tgt Ion:156 Resp: 94674

Ion Ratio Lower Upper

156 100

77 198.9 92.8 278.6

158 95.6 48.4 145.3



#78

n-propylbenzene

Concen: 45.045 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.012 min

Lab File: VY015738.D

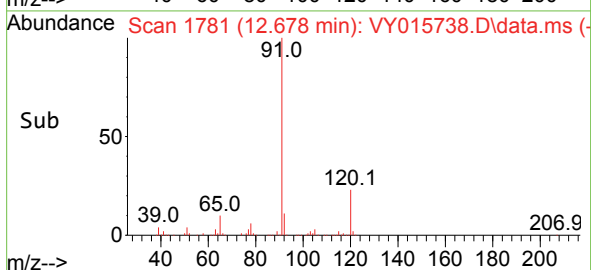
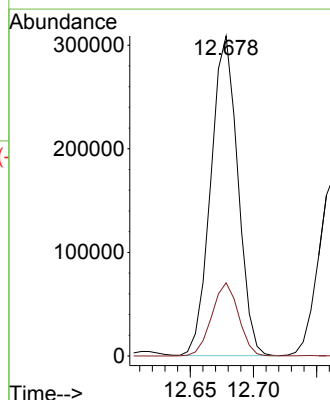
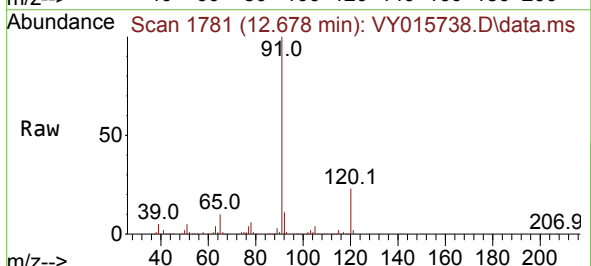
Acq: 27 Sep 2023 21:00

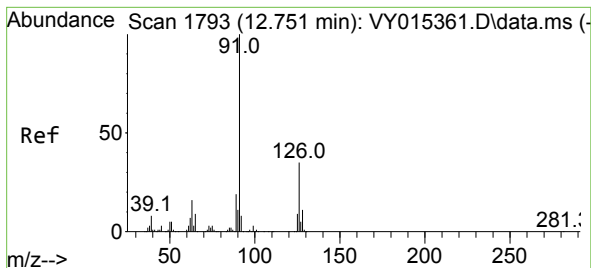
Tgt Ion: 91 Resp: 457946

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 45.734 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

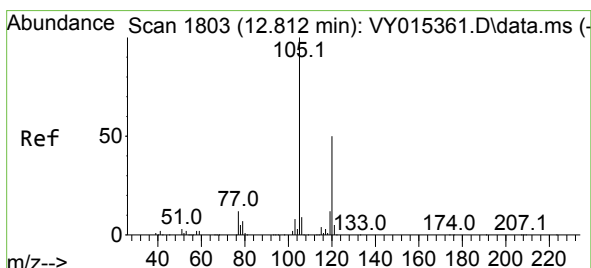
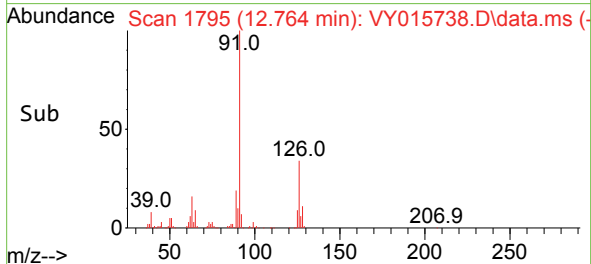
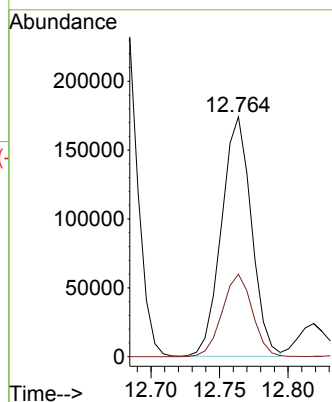
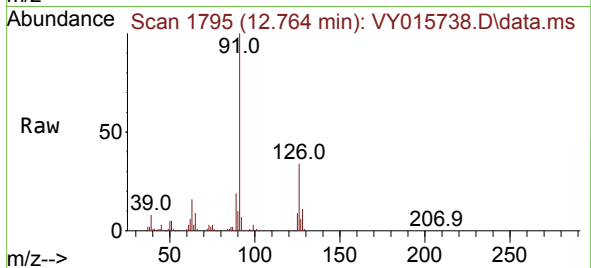
ClientSampleId :

Tgt Ion: 91 Resp: 265030

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 45.687 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.007 min

Lab File: VY015738.D

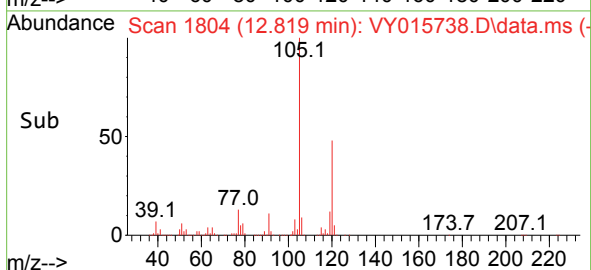
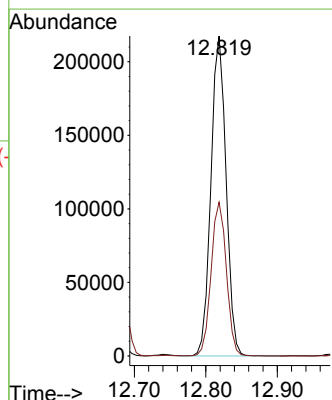
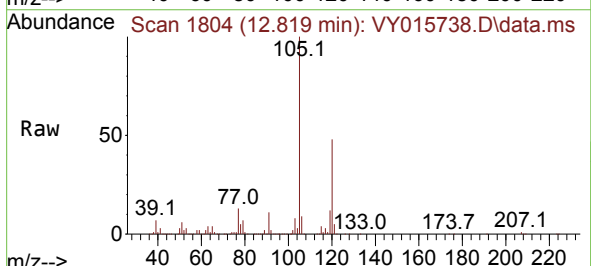
Acq: 27 Sep 2023 21:00

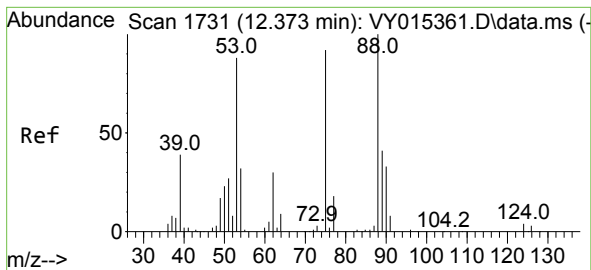
Tgt Ion: 105 Resp: 320073

Ion Ratio Lower Upper

105 100

120 48.5 23.9 71.7

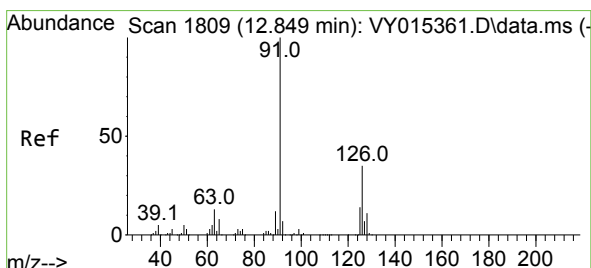
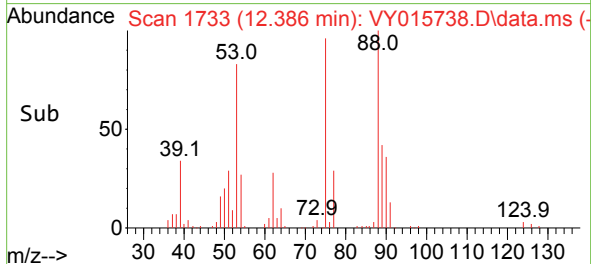
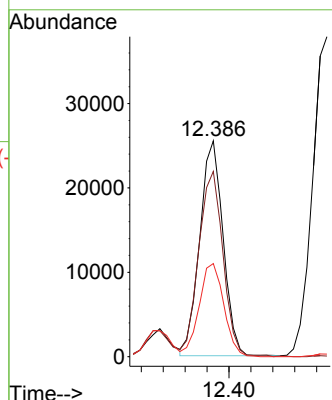
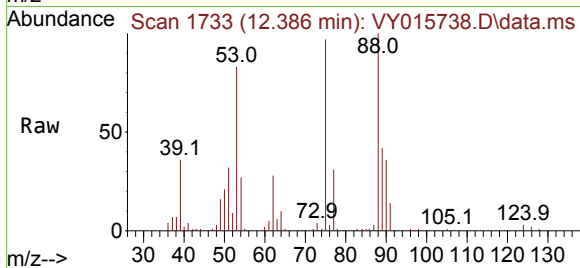




#81
trans-1,4-Dichloro-2-butene
Concen: 47.693 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

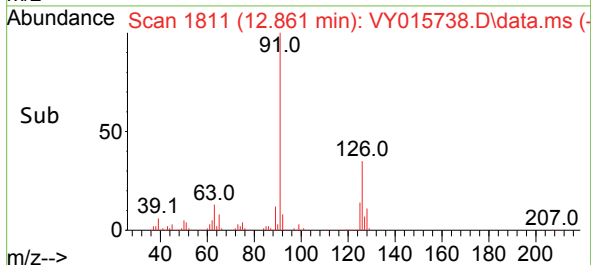
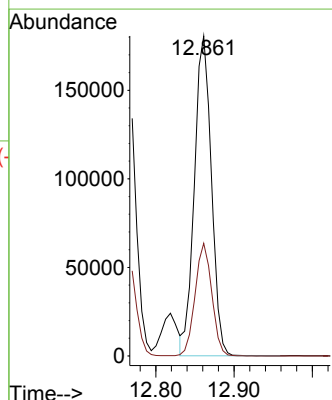
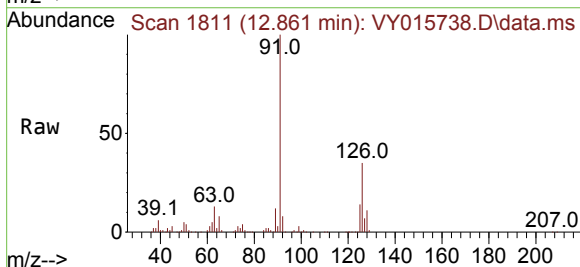
Instrument :
MSVOA_Y
ClientSampleId :

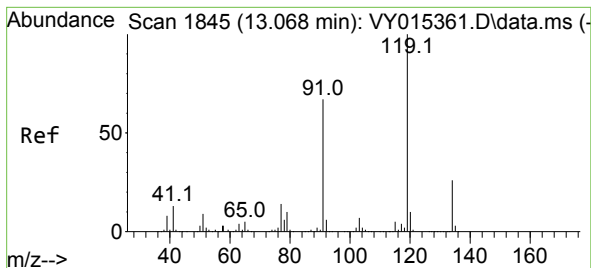
Tgt Ion: 75 Resp: 37691
Ion Ratio Lower Upper
75 100
53 90.1 77.8 116.8
89 45.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 45.067 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015738.D
Acq: 27 Sep 2023 21:00

Tgt Ion: 91 Resp: 272641
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 45.484 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

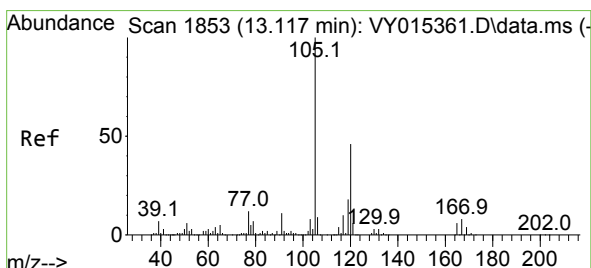
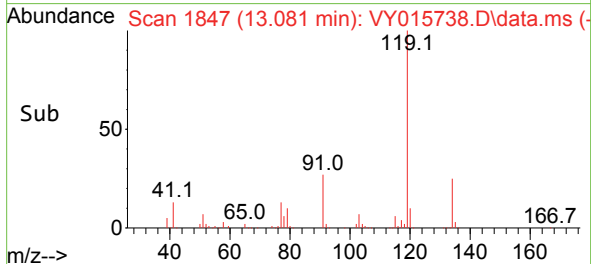
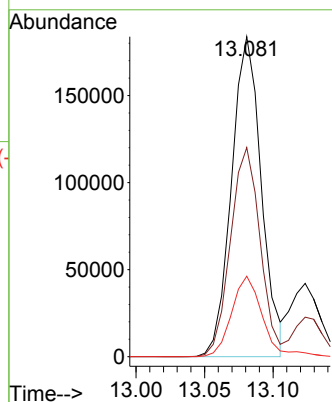
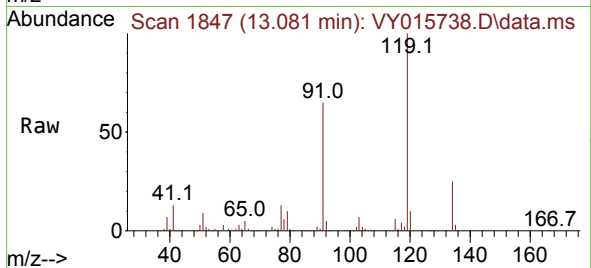
Tgt Ion:119 Resp: 279088

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 45.997 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015738.D

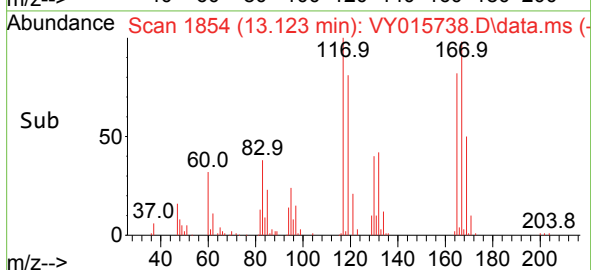
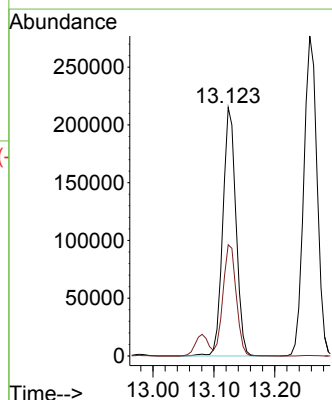
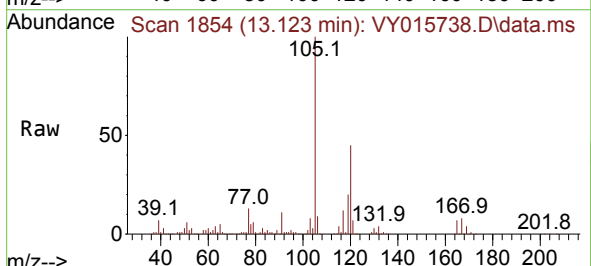
Acq: 27 Sep 2023 21:00

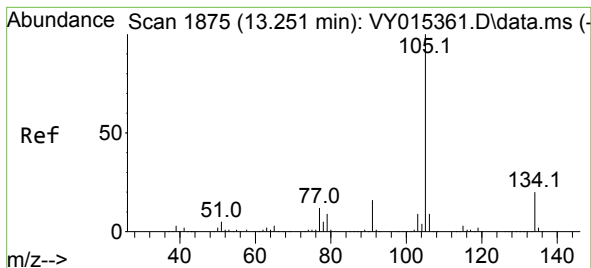
Tgt Ion:105 Resp: 322424

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 45.628 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.007 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

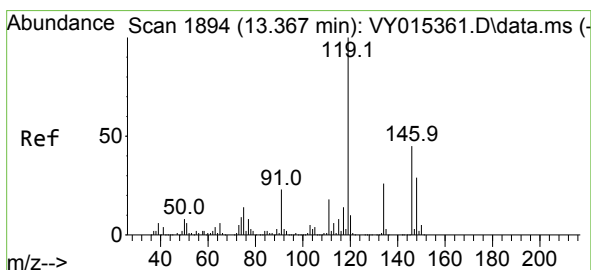
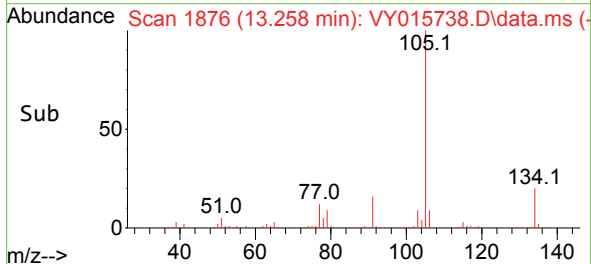
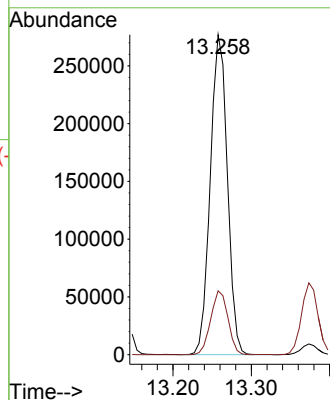
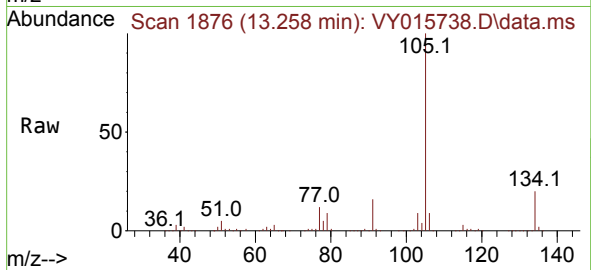
ClientSampleId :

Tgt Ion:105 Resp: 418981

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 45.336 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

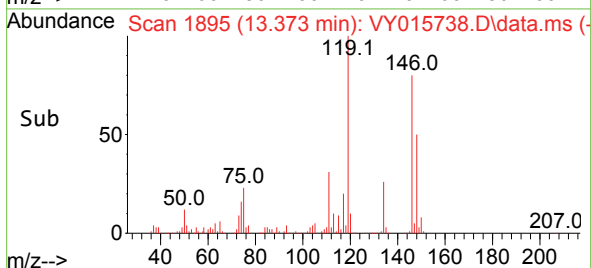
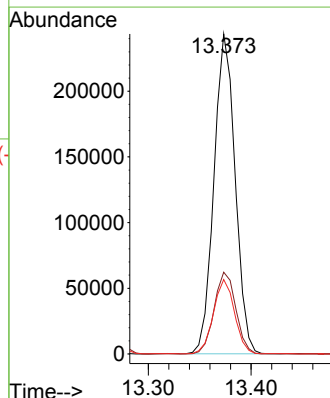
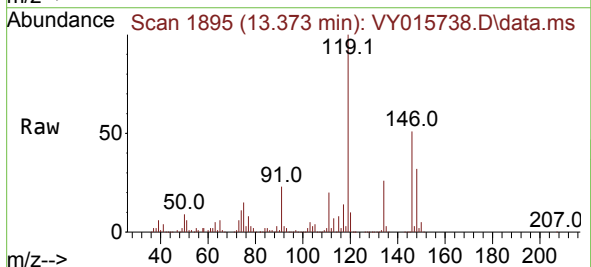
Tgt Ion:119 Resp: 347744

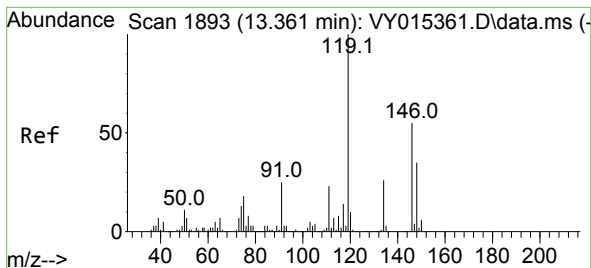
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 45.854 ug/l

RT: 13.373 min Scan# 1893

Delta R.T. 0.012 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

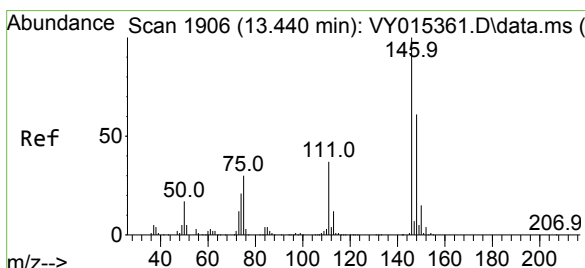
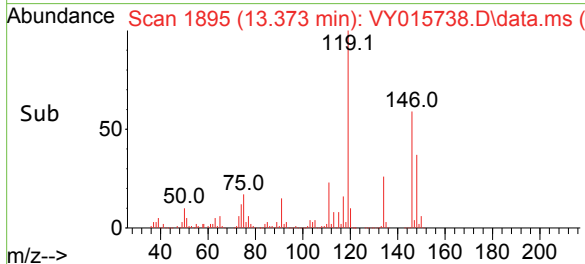
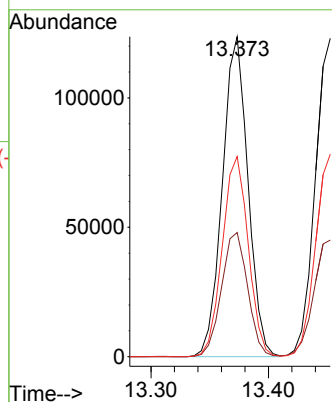
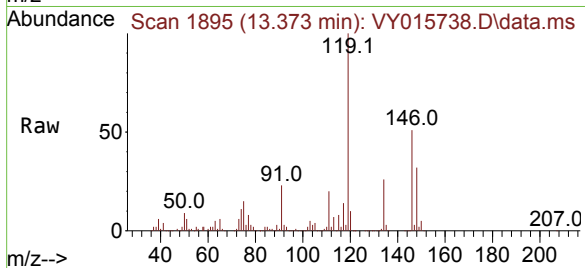
Tgt Ion:146 Resp: 186862

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 45.970 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

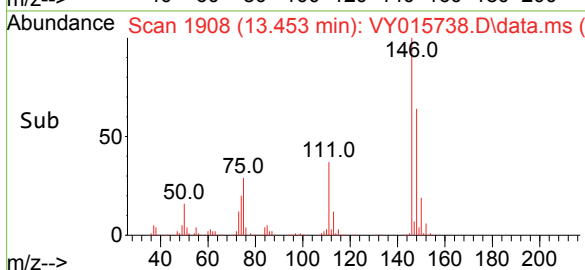
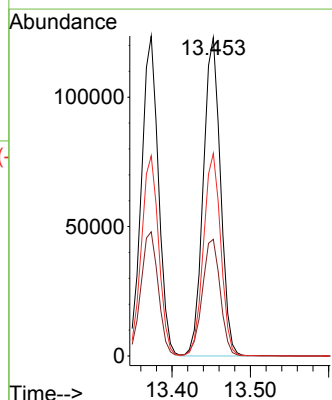
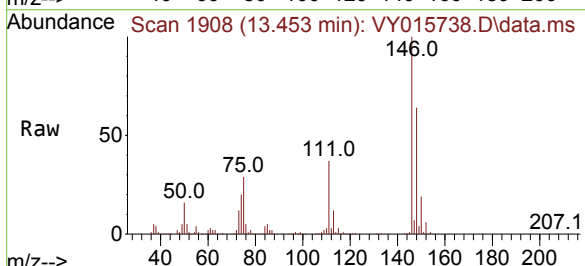
Tgt Ion:146 Resp: 187363

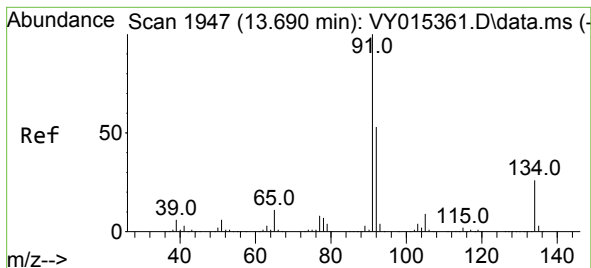
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 44.881 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

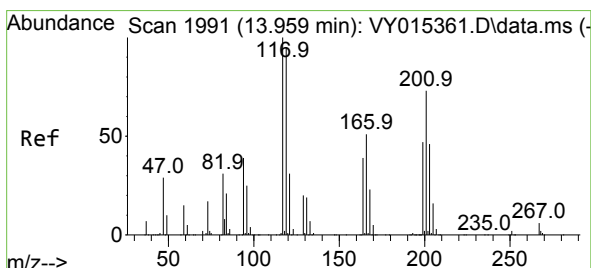
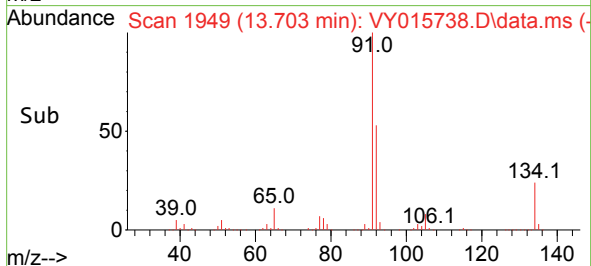
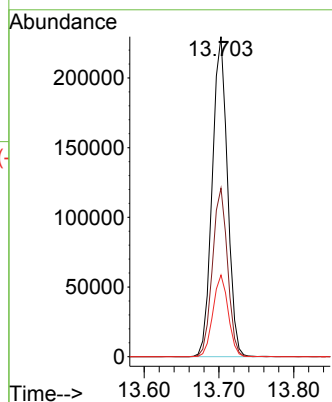
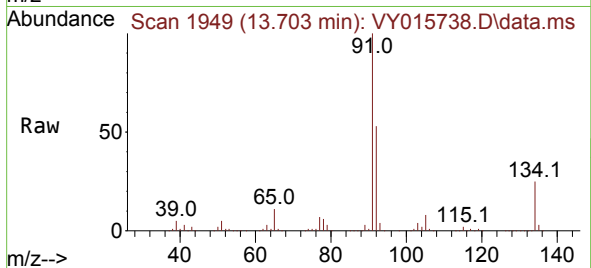
Tgt Ion: 91 Resp: 325983

Ion Ratio Lower Upper

91 100

92 52.2 25.4 76.0

134 25.5 12.6 37.6



#90

Hexachloroethane

Concen: 45.166 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015738.D

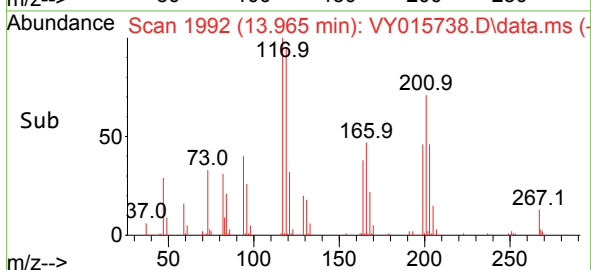
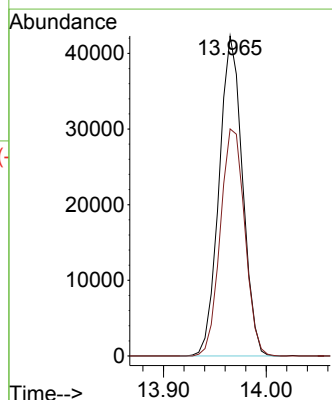
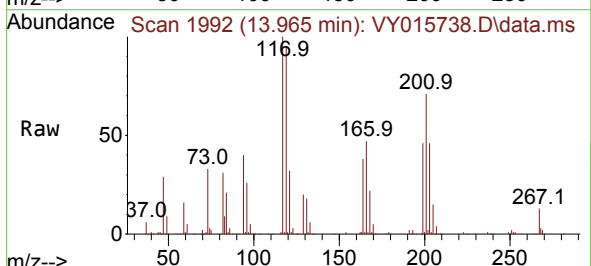
Acq: 27 Sep 2023 21:00

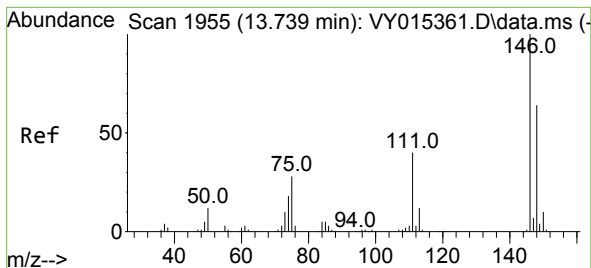
Tgt Ion: 117 Resp: 66862

Ion Ratio Lower Upper

117 100

201 74.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 47.039 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

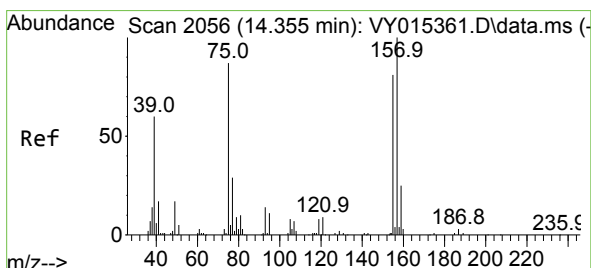
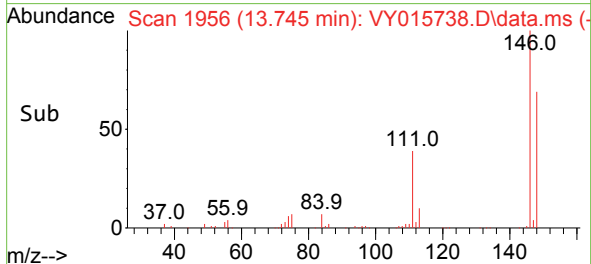
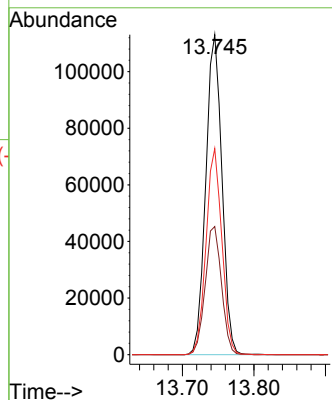
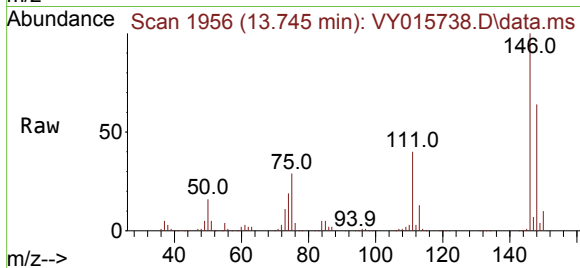
Tgt Ion:146 Resp: 176955

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.0

148 62.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.010 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

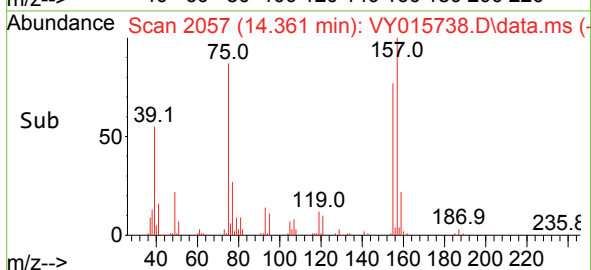
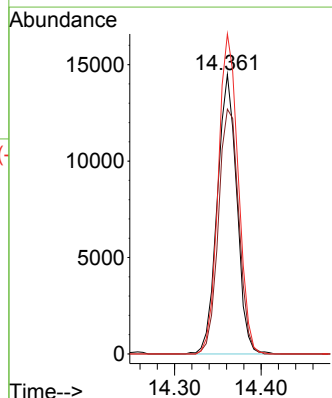
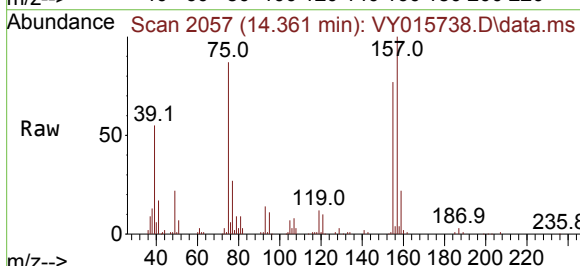
Tgt Ion: 75 Resp: 22670

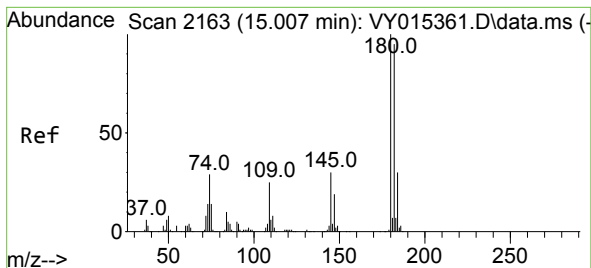
Ion Ratio Lower Upper

75 100

155 91.5 41.5 124.6

157 116.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 45.936 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

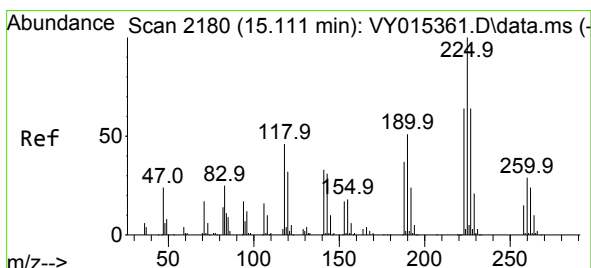
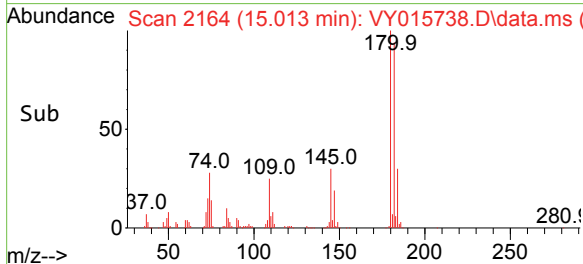
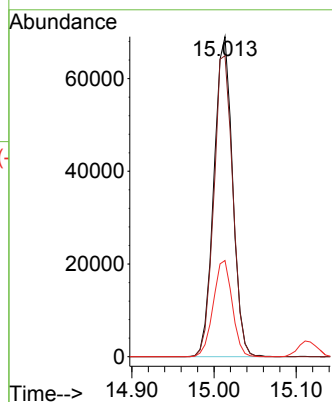
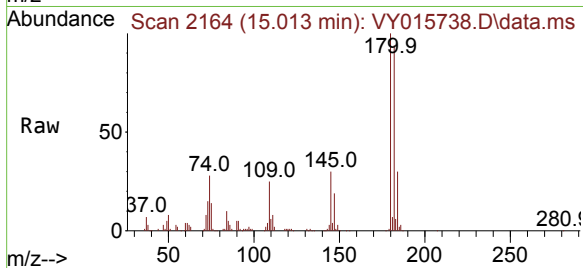
Tgt Ion:180 Resp: 108789

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 43.997 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

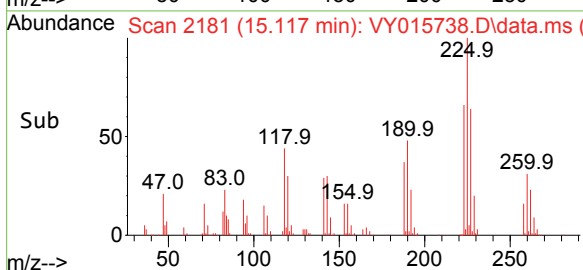
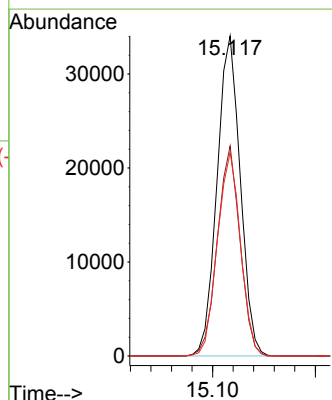
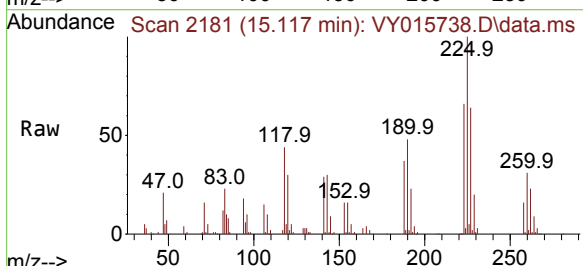
Tgt Ion:225 Resp: 53360

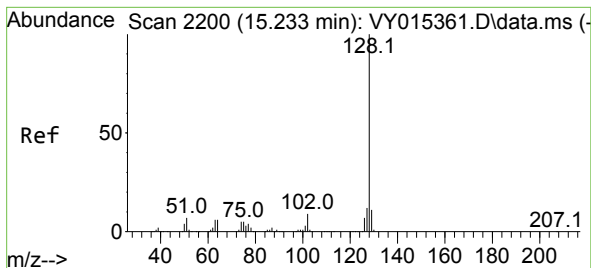
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.9

227 63.2 33.0 98.9





#95

Naphthalene

Concen: 49.704 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

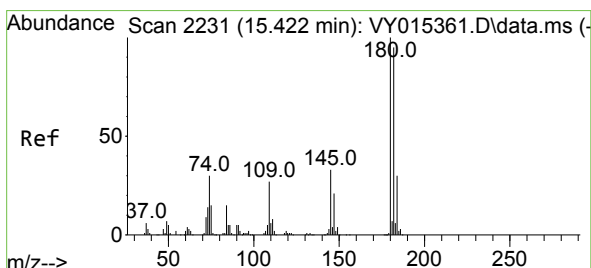
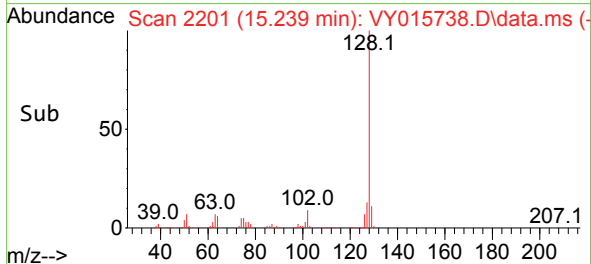
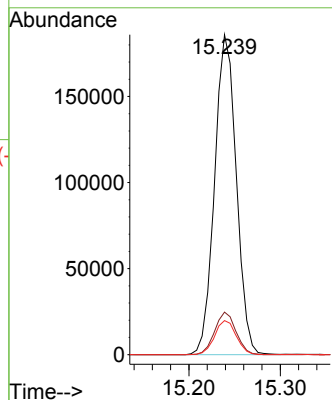
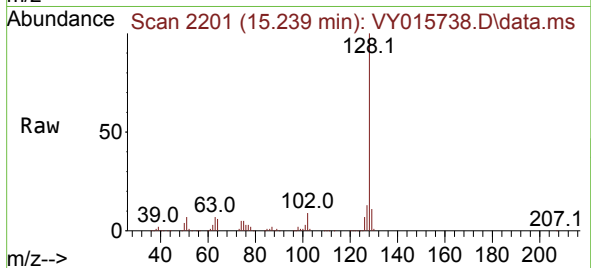
Tgt Ion:128 Resp: 306940

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.696 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015738.D

Acq: 27 Sep 2023 21:00

Tgt Ion:180 Resp: 102072

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 32.2 15.4 46.2

