

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015678.D
 Acq On : 21 Sep 2023 18:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 01:23:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	148576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	266695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	244720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77510	47.414	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.820%
35) Dibromofluoromethane	7.716	113	73546	46.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.140%
50) Toluene-d8	10.179	98	232715	42.997	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.000%
62) 4-Bromofluorobenzene	12.483	95	93050	43.809	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	49036	50.069	ug/l	95
3) Chloromethane	2.107	50	66454	53.786	ug/l	96
4) Vinyl Chloride	2.247	62	76113	53.879	ug/l	98
5) Bromomethane	2.644	94	59675	49.654	ug/l	98
6) Chloroethane	2.784	64	56571	54.028	ug/l	96
7) Trichlorofluoromethane	3.119	101	124031	52.353	ug/l	100
8) Diethyl Ether	3.528	74	55135	54.572	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	77165	52.020	ug/l	95
10) Methyl Iodide	4.088	142	77144	44.541	ug/l	98
11) Tert butyl alcohol	4.979	59	111458	330.658	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	67787	51.860	ug/l	93
13) Acrolein	3.729	56	72403	289.197	ug/l	99
14) Allyl chloride	4.479	41	124612	52.141	ug/l	95
15) Acrylonitrile	5.168	53	212730	287.028	ug/l	98
16) Acetone	3.954	43	186633	213.332	ug/l	92
17) Carbon Disulfide	4.192	76	134841	53.102	ug/l	99
18) Methyl Acetate	4.479	43	208391	70.995	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	295283	55.466	ug/l	98
20) Methylene Chloride	4.716	84	96020	50.130	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	79984	53.535	ug/l	97
22) Diisopropyl ether	6.119	45	312822	54.390	ug/l	94
23) Vinyl Acetate	6.058	43	858170	241.737	ug/l	96
24) 1,1-Dichloroethane	6.015	63	165618	52.830	ug/l	98
25) 2-Butanone	6.990	43	312305	252.559	ug/l	97
26) 2,2-Dichloropropane	6.978	77	114807	40.068	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	105961	53.423	ug/l	93
28) Bromochloromethane	7.338	49	44554	52.384	ug/l	100
29) Tetrahydrofuran	7.350	42	205181	293.569	ug/l	94
30) Chloroform	7.509	83	180592	53.792	ug/l	97
31) Cyclohexane	7.783	56	109912	48.534	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	147360	53.171	ug/l	99
36) 1,1-Dichloropropene	7.917	75	115734	49.036	ug/l	99
37) Ethyl Acetate	7.076	43	120620	51.236	ug/l	96
38) Carbon Tetrachloride	7.899	117	126452	49.358	ug/l	97
39) Methylcyclohexane	9.185	83	125845	48.207	ug/l	93
40) Benzene	8.161	78	360303	50.059	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	180235	142.186	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	128225	52.018	ug/l	95
43) Isopropyl Acetate	8.271	43	206984	51.470	ug/l	98
44) Trichloroethene	8.941	130	101252	50.367	ug/l	96
45) 1,2-Dichloropropane	9.216	63	101567	50.602	ug/l	93
46) Dibromomethane	9.307	93	66824	52.046	ug/l	95
47) Bromodichloromethane	9.496	83	147159	51.421	ug/l	96
48) Methyl methacrylate	9.289	41	95396	54.044	ug/l	92
49) 1,4-Dioxane	9.301	88	29120	1148.030	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	685177	274.891	ug/l	94
52) Toluene	10.246	92	232674	50.143	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	152005	49.530	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	161154	48.783	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	97358	51.743	ug/l	98
56) Ethyl methacrylate	10.508	69	147031	53.025	ug/l	90
57) 1,3-Dichloropropane	10.789	76	161804	51.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	224087	254.419	ug/l	96
59) 2-Hexanone	10.831	43	504715	263.930	ug/l	91
60) Dibromochloromethane	10.984	129	113465	51.659	ug/l	100
61) 1,2-Dibromoethane	11.087	107	95835	52.063	ug/l	100
64) Tetrachloroethene	10.721	164	117284	55.860	ug/l	95
65) Chlorobenzene	11.514	112	265157	49.638	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	105254	50.726	ug/l	98
67) Ethyl Benzene	11.593	91	465261	49.832	ug/l	99
68) m/p-Xylenes	11.703	106	353899	99.724	ug/l	96
69) o-Xylene	12.032	106	174155	50.047	ug/l	99
70) Styrene	12.044	104	310095	52.060	ug/l	96
71) Bromoform	12.209	173	81263	54.045	ug/l #	99
73) Isopropylbenzene	12.331	105	458328	49.432	ug/l	100
74) N-amyl acetate	12.142	43	168301	48.295	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	133452	51.716	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	174071	88.280	ug/l #	100
77) Bromobenzene	12.611	156	114609	50.356	ug/l	95
78) n-propylbenzene	12.672	91	544866	48.372	ug/l	100
79) 2-Chlorotoluene	12.758	91	318900	49.667	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	383479	49.403	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	40600	46.367	ug/l	98
82) 4-Chlorotoluene	12.855	91	329467	49.153	ug/l	100
83) tert-Butylbenzene	13.075	119	332721	48.941	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	385489	49.634	ug/l	98
85) sec-Butylbenzene	13.252	105	493023	48.459	ug/l	100
86) p-Isopropyltoluene	13.367	119	408336	48.047	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	220394	48.811	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	221973	49.155	ug/l	99
89) n-Butylbenzene	13.697	91	371681	46.186	ug/l	97
90) Hexachloroethane	13.959	117	80391	49.013	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	208334	49.983	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27385	53.434	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	119417	45.509	ug/l	98
94) Hexachlorobutadiene	15.111	225	61033	45.419	ug/l	98
95) Naphthalene	15.233	128	355280	51.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	116634	48.158	ug/l	98

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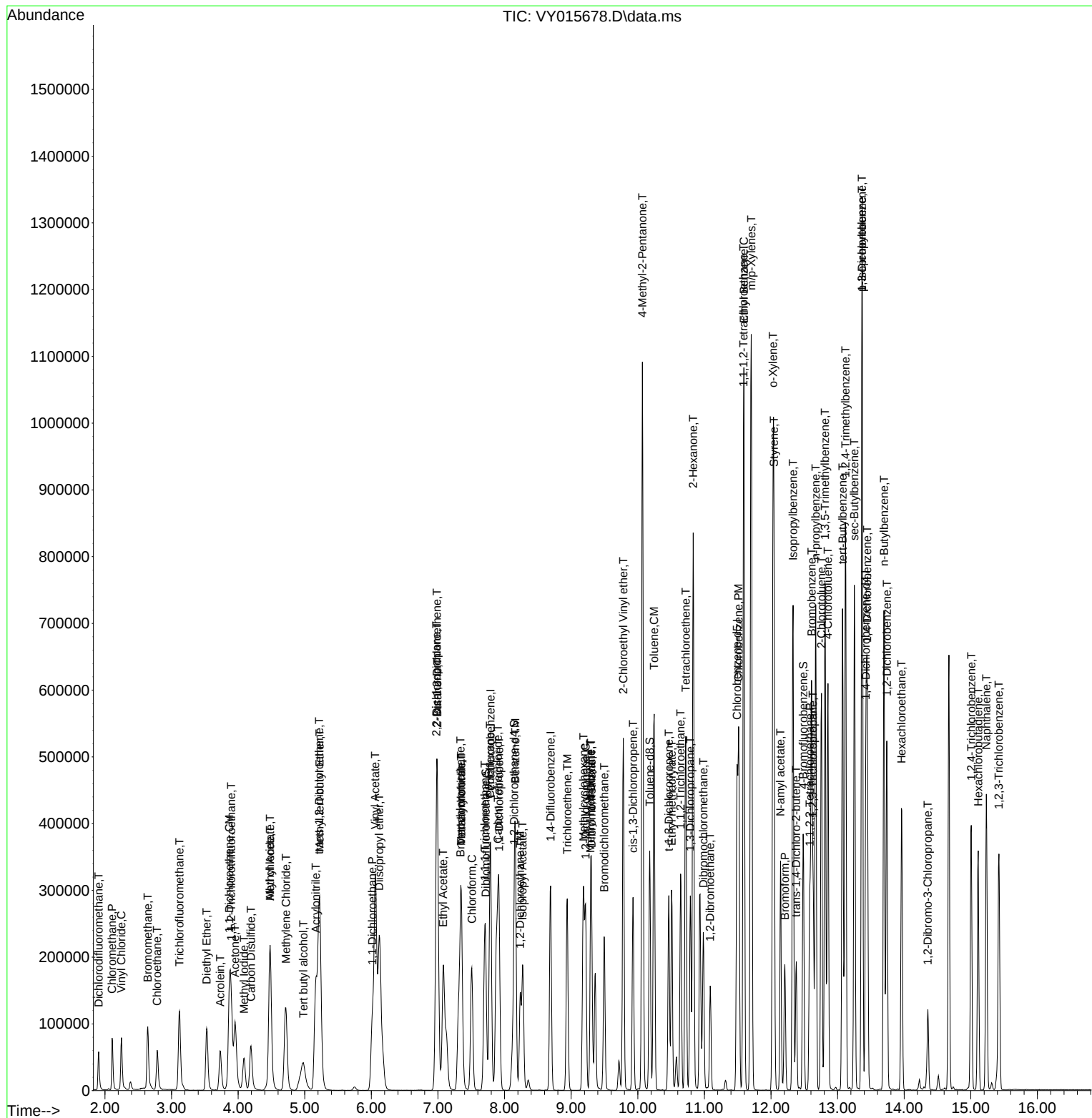
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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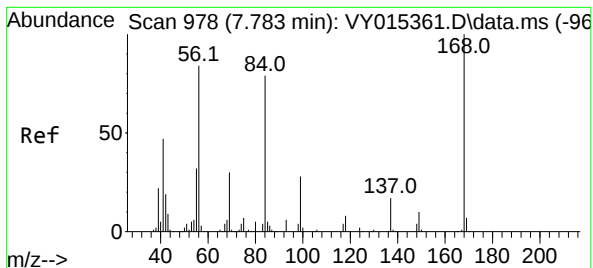
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015678.D

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Instrument :

MSVOA_Y

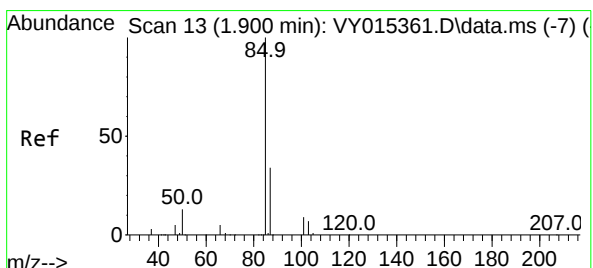
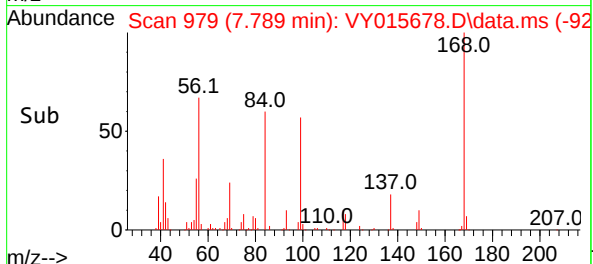
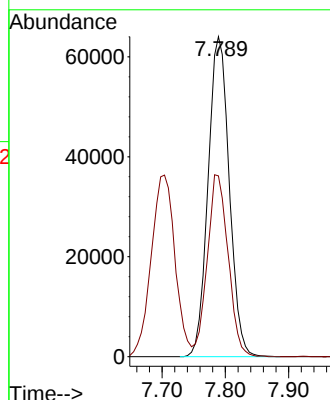
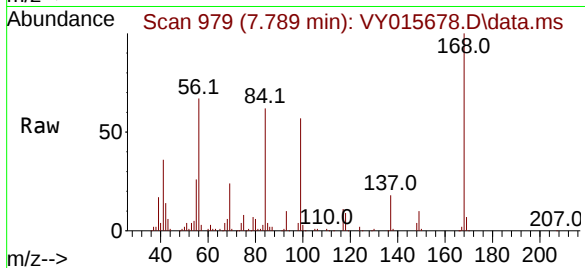
ClientSampleId :

Tgt Ion:168 Resp: 148576

Ion Ratio Lower Upper

168 100

99 56.5 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 50.069 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY015678.D

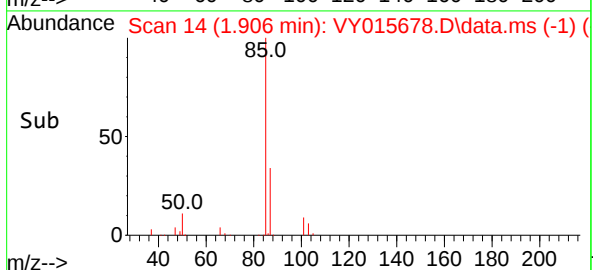
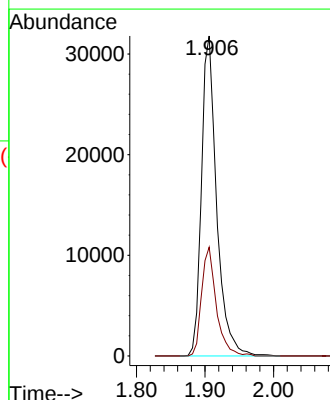
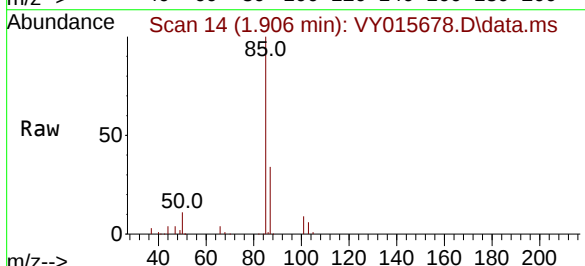
Acq: 21 Sep 2023 18:19

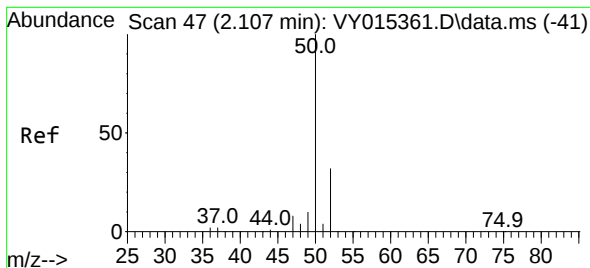
Tgt Ion: 85 Resp: 49036

Ion Ratio Lower Upper

85 100

87 34.0 15.6 46.8





#3

Chloromethane

Concen: 53.786 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

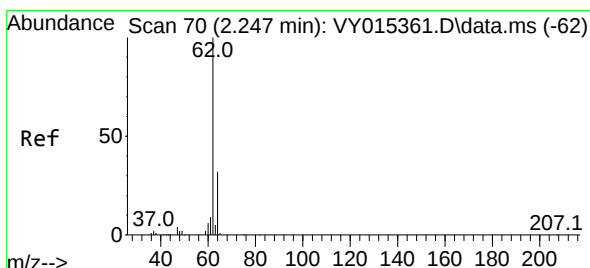
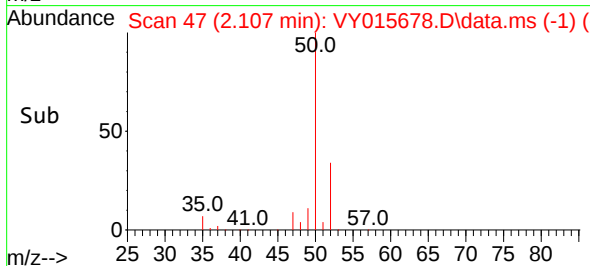
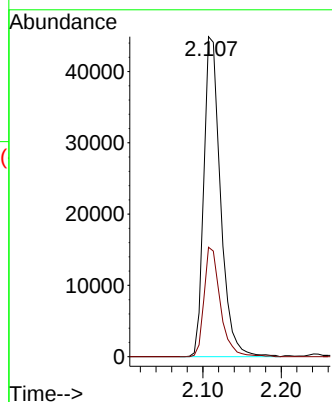
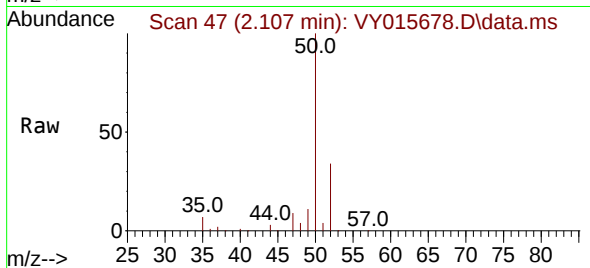
ClientSampleId :

Tgt Ion: 50 Resp: 66454

Ion Ratio Lower Upper

50 100

52 34.2 25.4 38.2



#4

Vinyl Chloride

Concen: 53.879 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015678.D

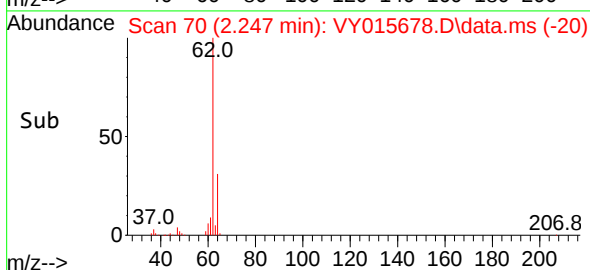
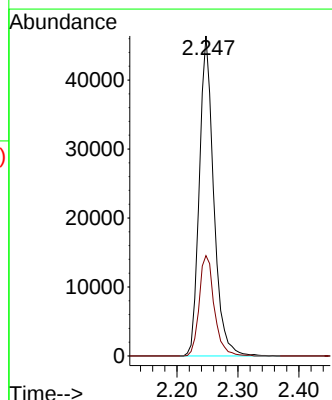
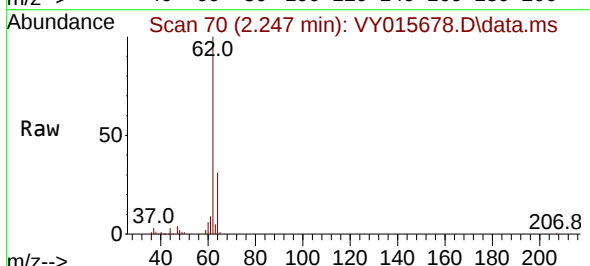
Acq: 21 Sep 2023 18:19

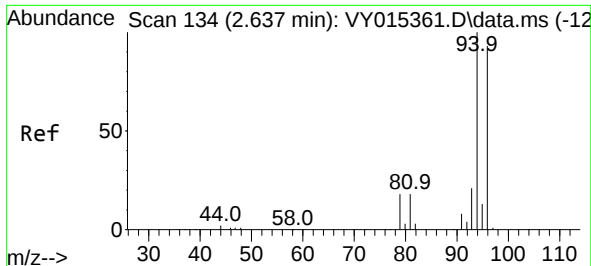
Tgt Ion: 62 Resp: 76113

Ion Ratio Lower Upper

62 100

64 31.4 24.3 36.5





#5

Bromomethane

Concen: 49.654 ug/l

RT: 2.644 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

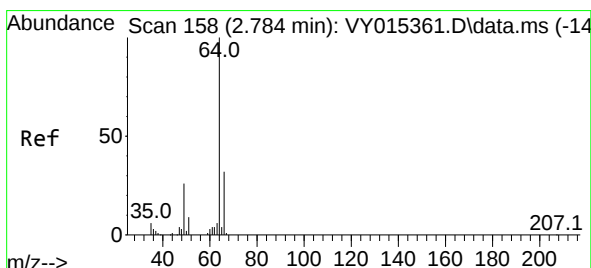
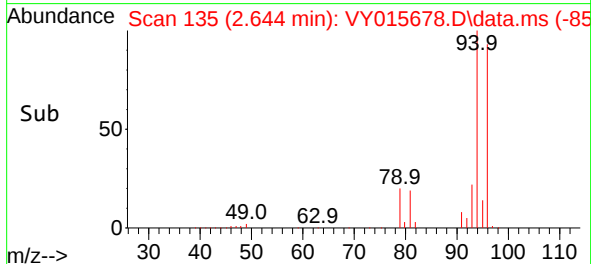
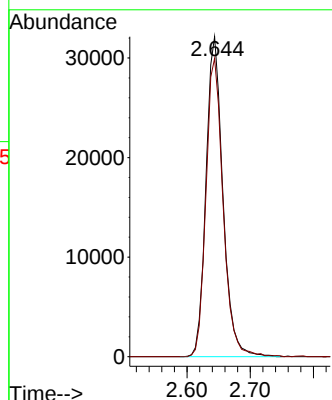
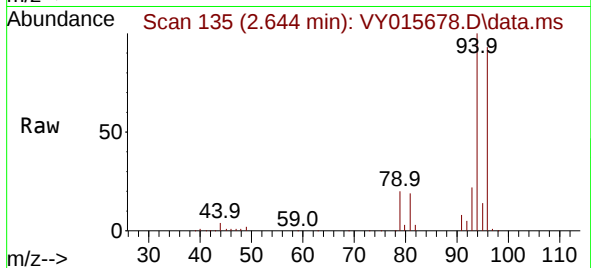
ClientSampleId :

Tgt Ion: 94 Resp: 59675

Ion Ratio Lower Upper

94 100

96 93.2 75.8 113.6



#6

Chloroethane

Concen: 54.028 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.000 min

Lab File: VY015678.D

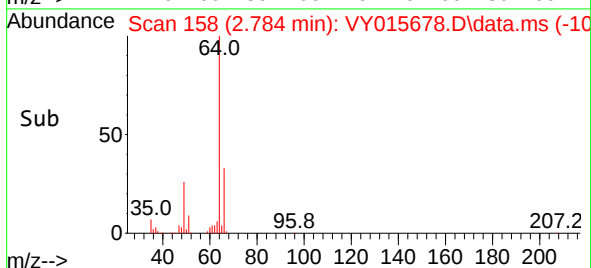
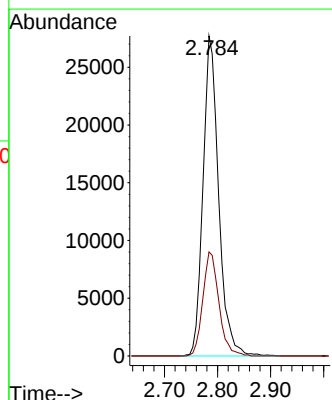
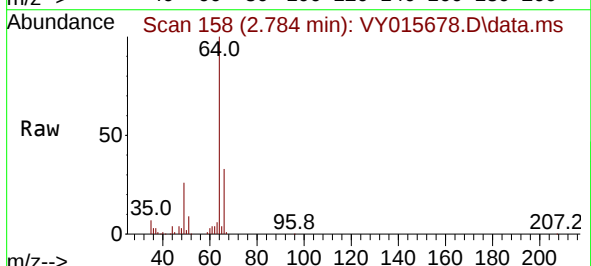
Acq: 21 Sep 2023 18:19

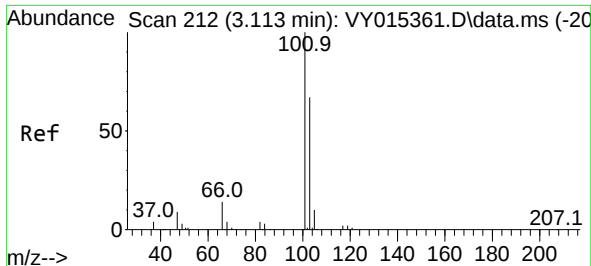
Tgt Ion: 64 Resp: 56571

Ion Ratio Lower Upper

64 100

66 32.5 24.4 36.6

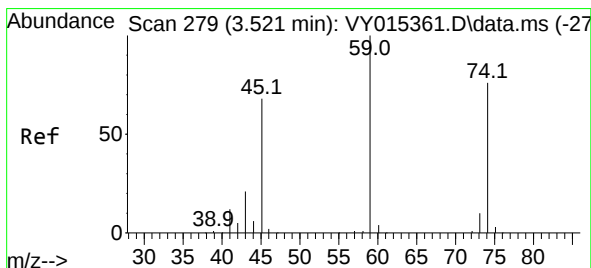
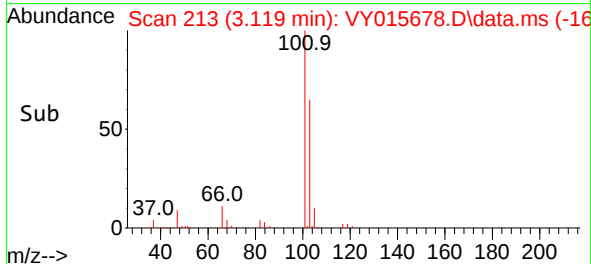
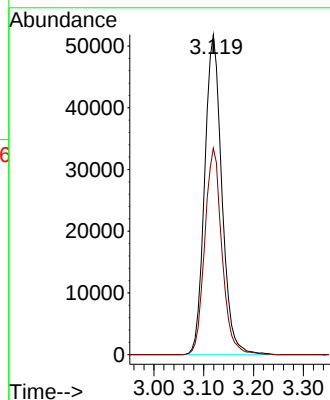
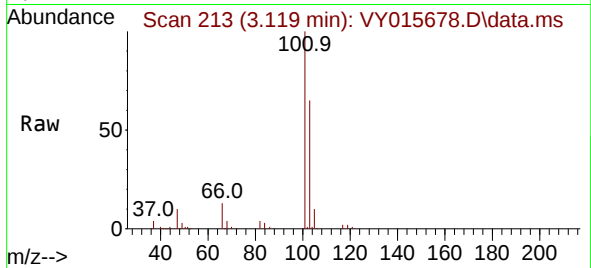




#7
Trichlorofluoromethane
Concen: 52.353 ug/l
RT: 3.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

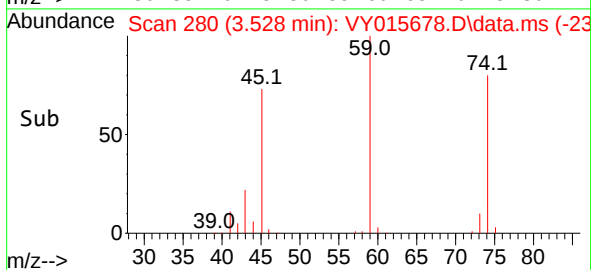
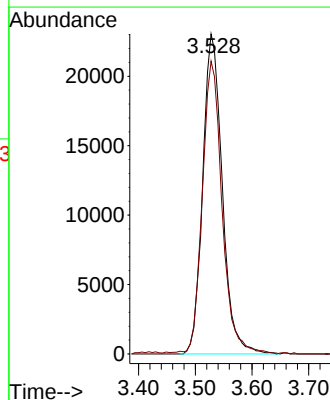
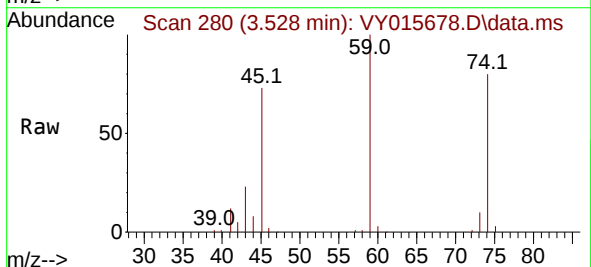
Instrument :
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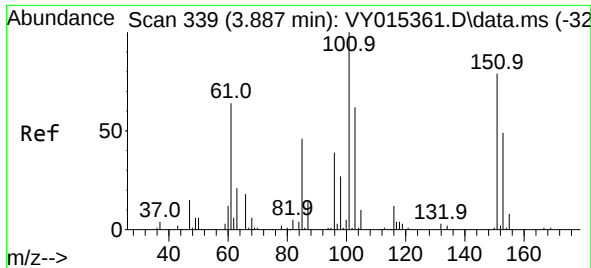
Tgt Ion:101 Resp: 124031
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0



#8
Diethyl Ether
Concen: 54.572 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion: 74 Resp: 55135
Ion Ratio Lower Upper
74 100
45 93.2 51.5 154.5

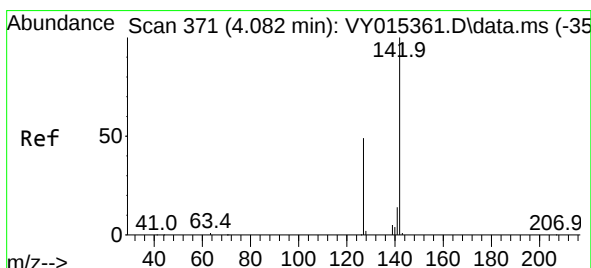
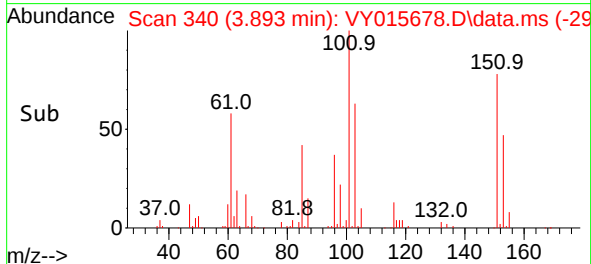
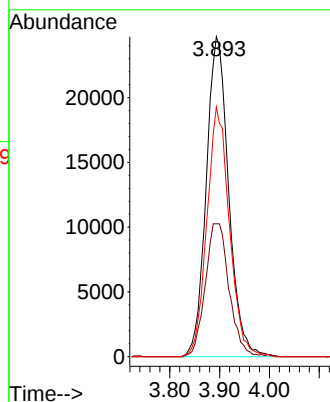
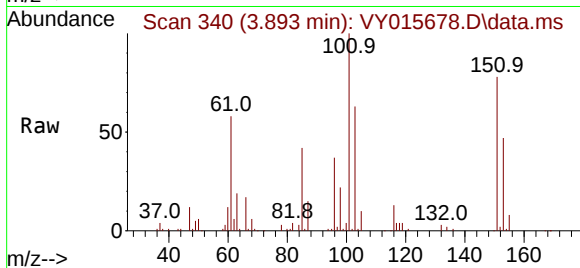




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.020 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

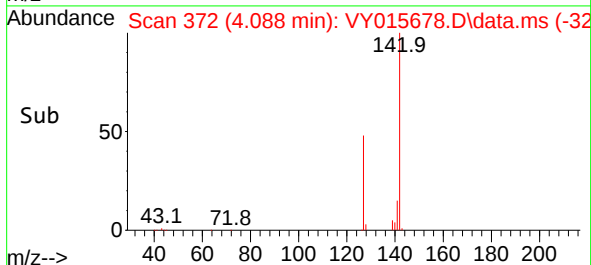
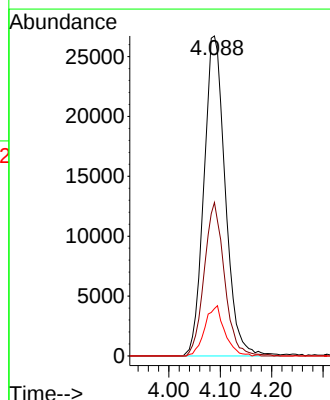
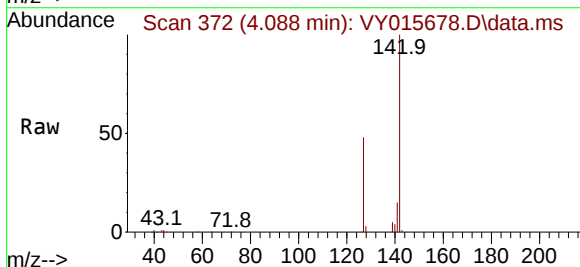
Instrument :
MSVOA_Y
ClientSampleId :

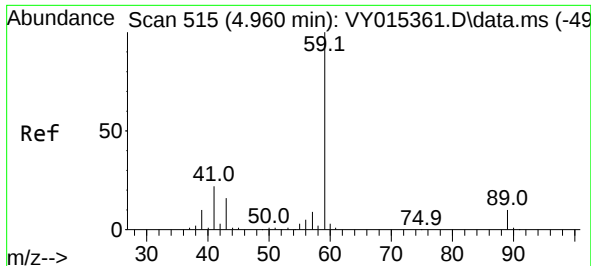
Tgt Ion:101 Resp: 77165
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 78.5 67.0 100.6



#10
Methyl Iodide
Concen: 44.541 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion:142 Resp: 77144
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.7 11.8 17.8

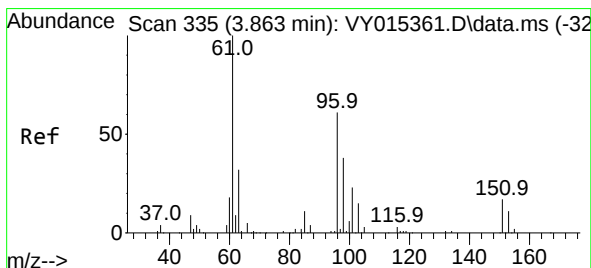
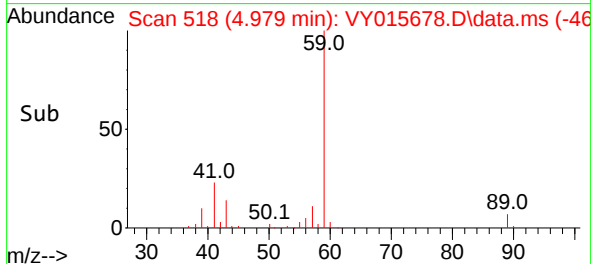
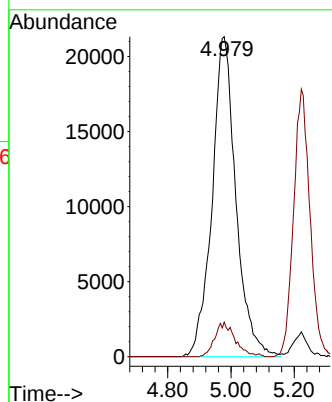
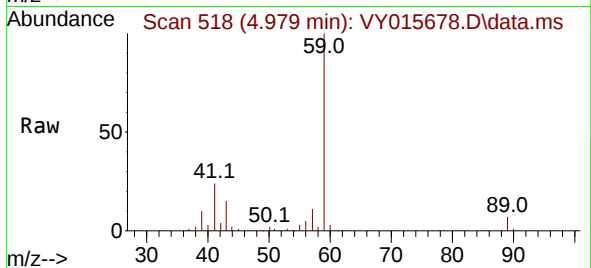




#11
Tert butyl alcohol
Concen: 330.658 ug/l
RT: 4.979 min Scan# 515
Delta R.T. 0.025 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

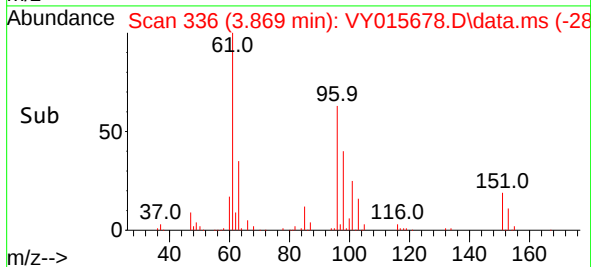
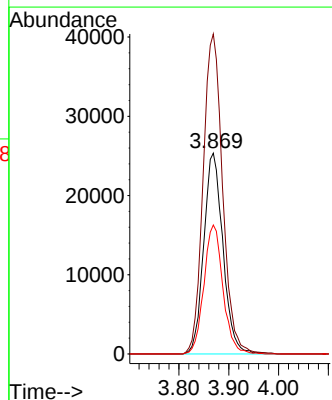
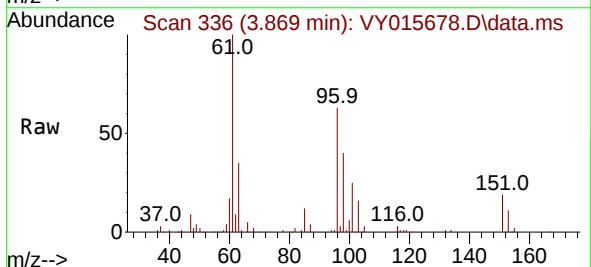
Instrument :
MSVOA_Y
ClientSampleId :

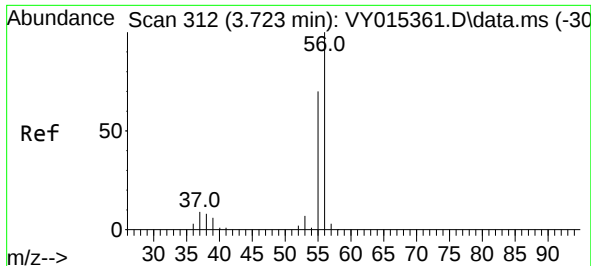
Tgt Ion: 59 Resp: 111458
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.860 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion: 96 Resp: 67787
Ion Ratio Lower Upper
96 100
61 159.3 136.4 204.6
98 64.2 49.4 74.2





#13

Acrolein

Concen: 289.197 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

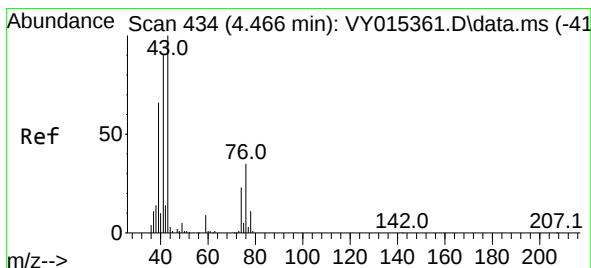
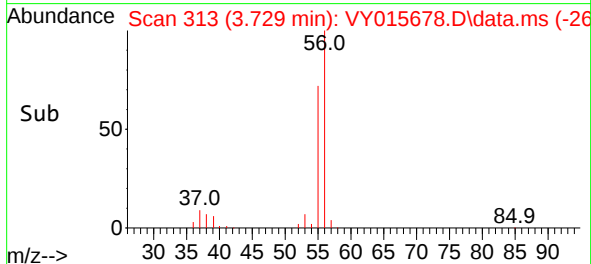
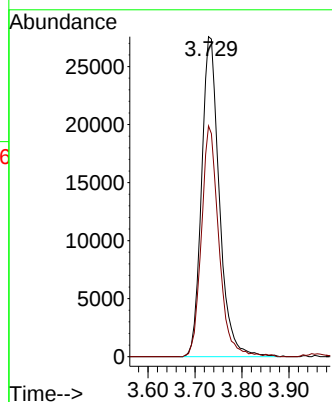
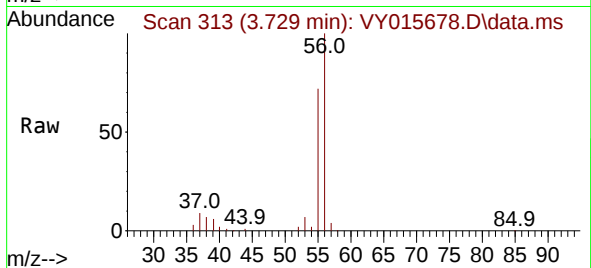
ClientSampleId :

Tgt Ion: 56 Resp: 72403

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 52.141 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.007 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

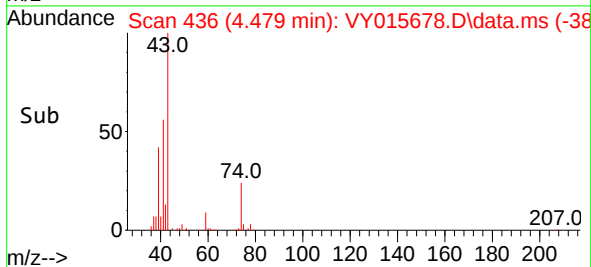
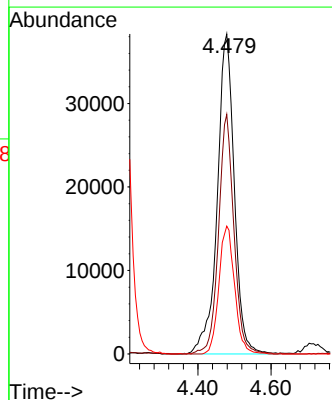
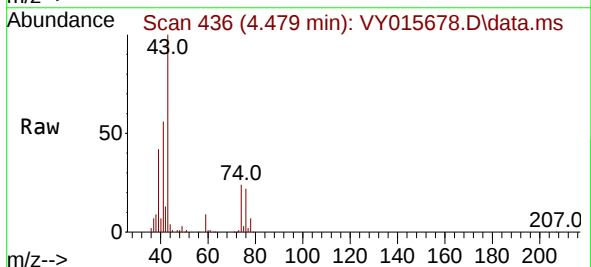
Tgt Ion: 41 Resp: 124612

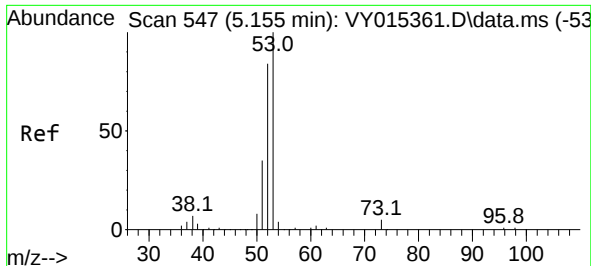
Ion Ratio Lower Upper

41 100

39 67.4 58.0 87.0

76 36.7 27.4 41.2

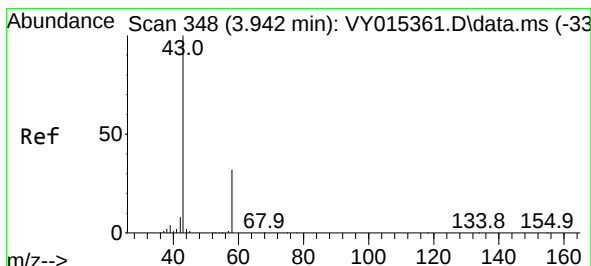
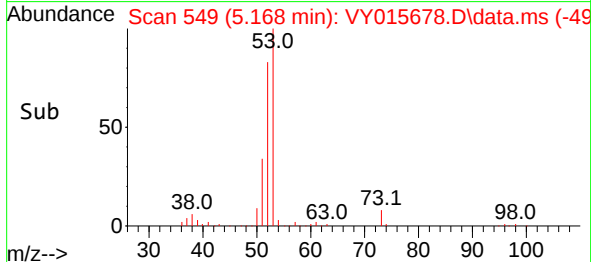
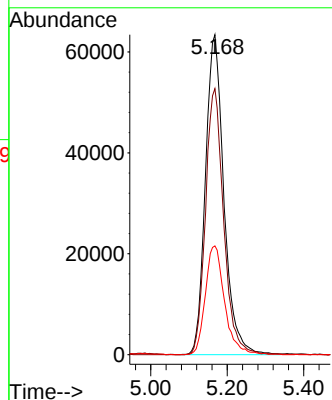
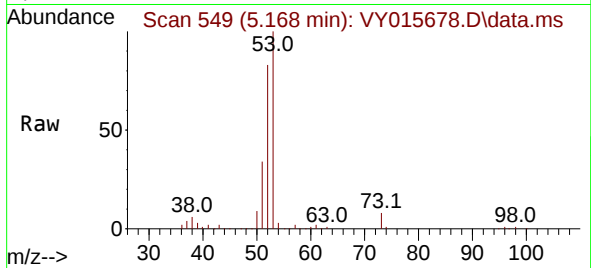




#15
Acrylonitrile
Concen: 287.028 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

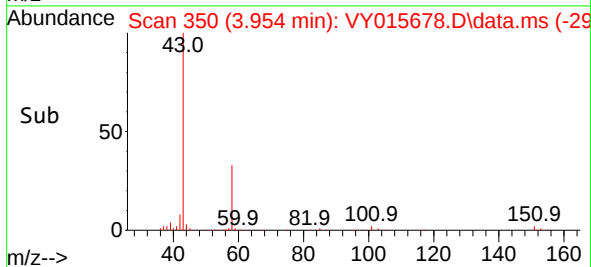
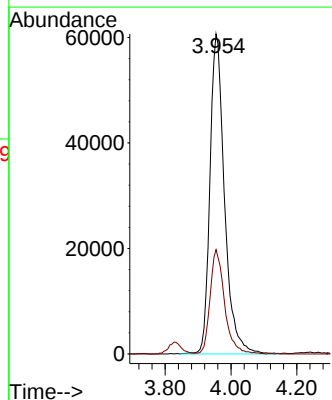
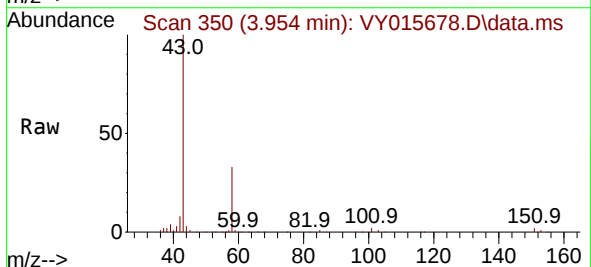
Instrument :
MSVOA_Y
ClientSampleId :

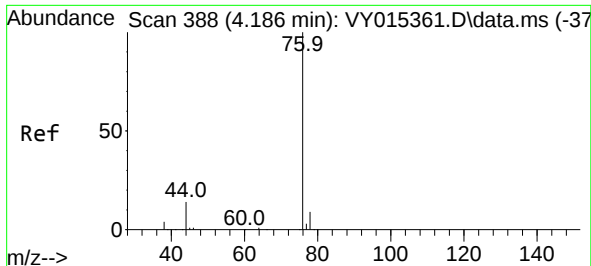
Tgt Ion: 53 Resp: 212730
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 35.5 29.8 44.6



#16
Acetone
Concen: 213.332 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion: 43 Resp: 186633
Ion Ratio Lower Upper
43 100
58 32.6 22.7 34.1

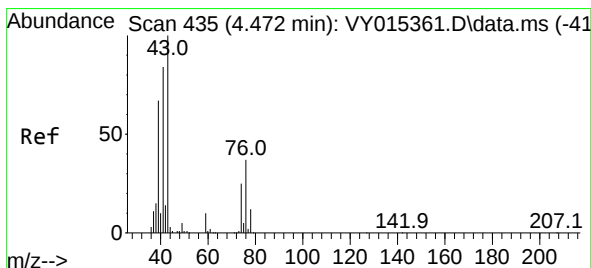
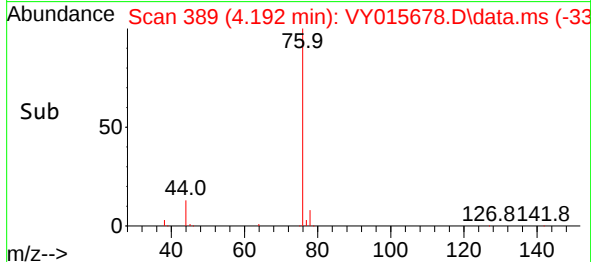
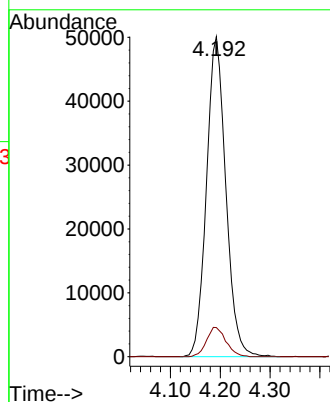
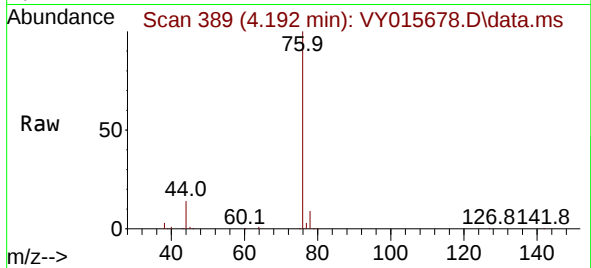




#17
Carbon Disulfide
Concen: 53.102 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

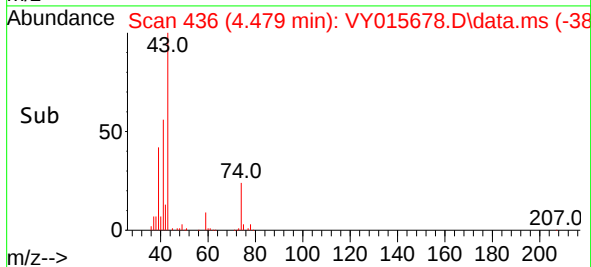
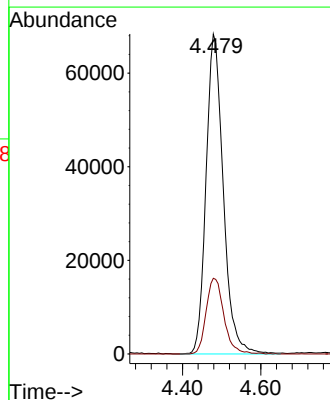
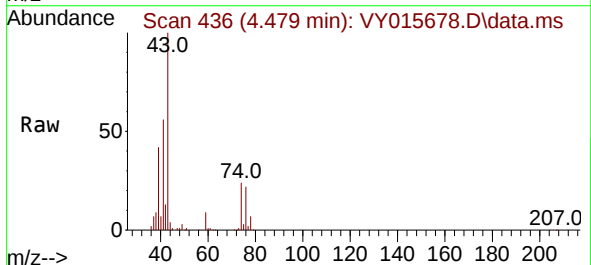
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 134841
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 70.995 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion: 43 Resp: 208391
Ion Ratio Lower Upper
43 100
74 24.4 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 55.466 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

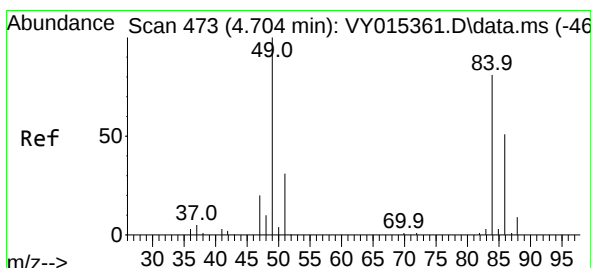
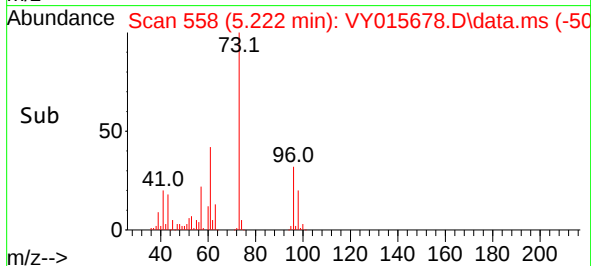
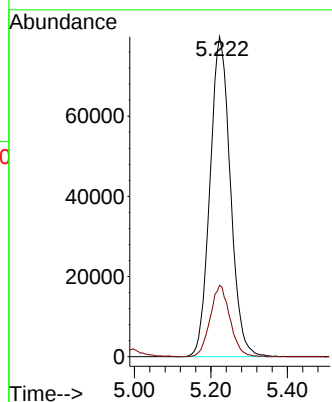
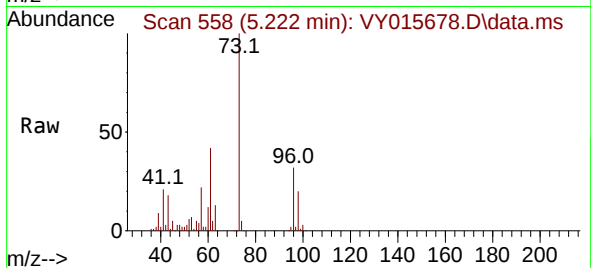
ClientSampleId :

Tgt Ion: 73 Resp: 295283

Ion Ratio Lower Upper

73 100

57 22.3 17.3 25.9



#20

Methylene Chloride

Concen: 50.130 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Tgt Ion: 84 Resp: 96020

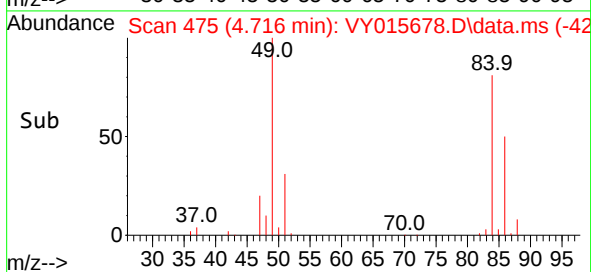
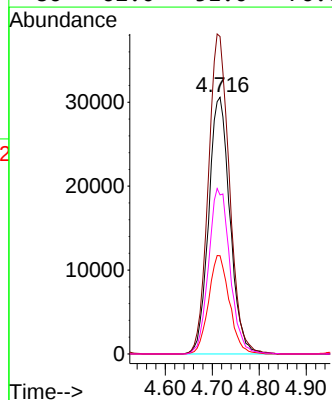
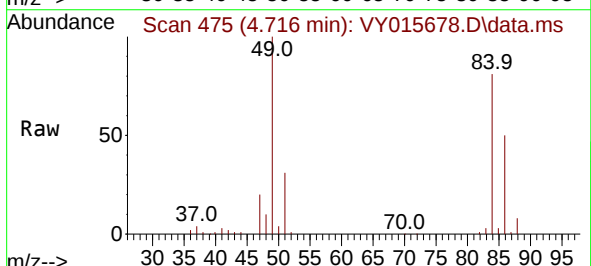
Ion Ratio Lower Upper

84 100

49 123.7 106.9 160.3

51 38.3 33.2 49.8

86 62.0 51.0 76.6

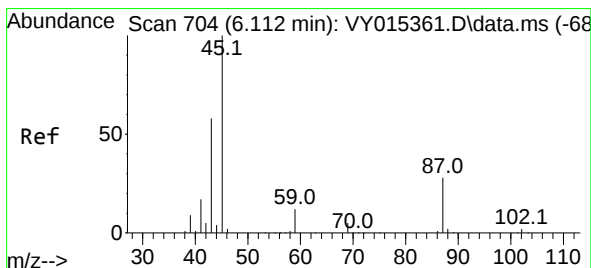
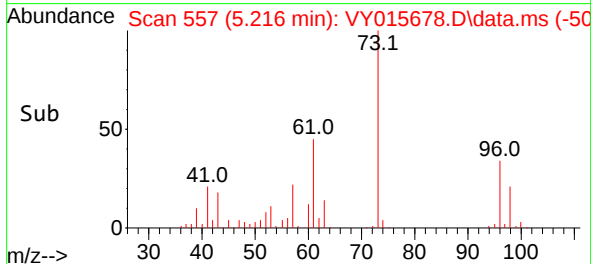
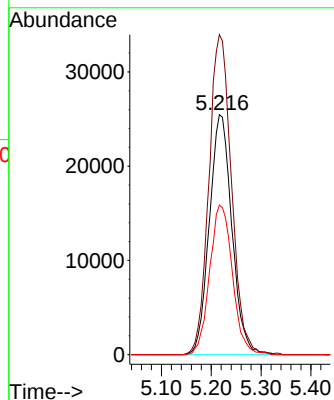
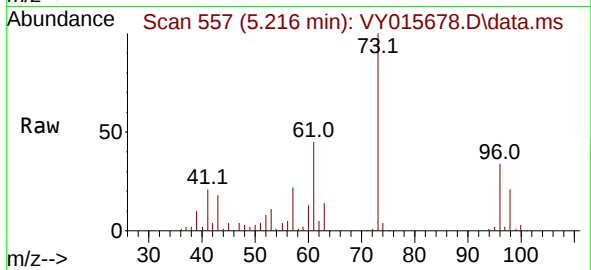




#21
trans-1,2-Dichloroethene
Concen: 53.535 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

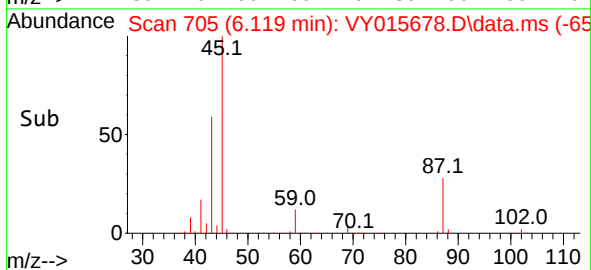
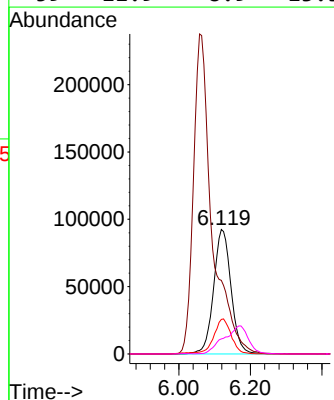
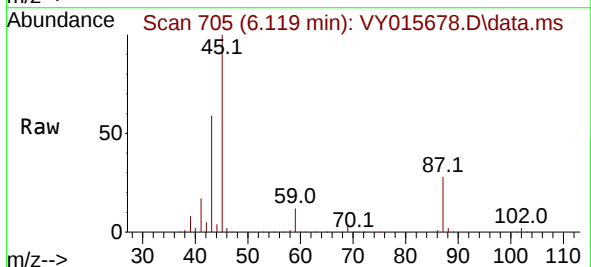
Instrument :
MSVOA_Y
ClientSampleId :

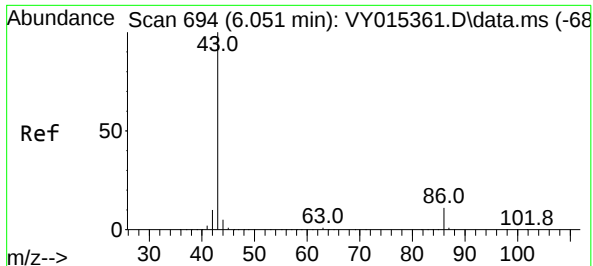
Tgt Ion: 96 Resp: 79984
Ion Ratio Lower Upper
96 100
61 133.3 110.2 165.4
98 62.3 51.8 77.6



#22
Diisopropyl ether
Concen: 54.390 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion: 45 Resp: 312822
Ion Ratio Lower Upper
45 100
43 58.8 52.2 78.4
87 27.8 21.0 31.6
59 11.9 8.9 13.3

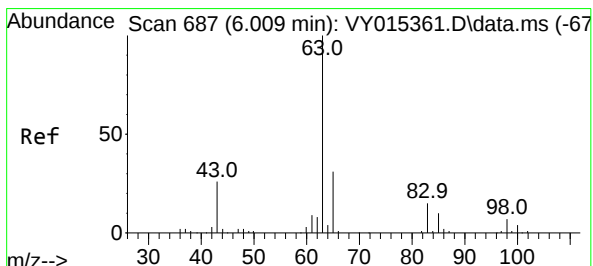
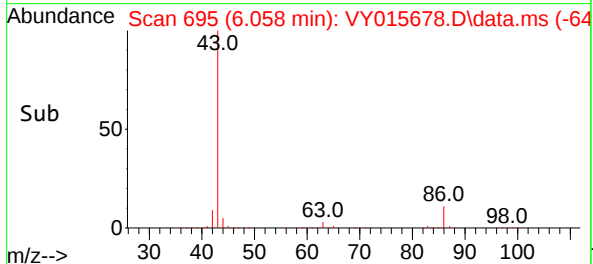
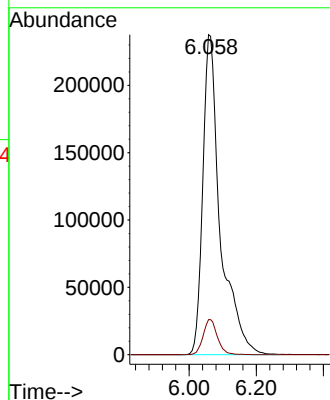
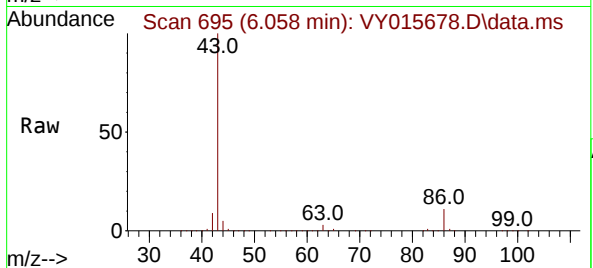




#23
 Vinyl Acetate
 Concen: 241.737 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY015678.D
 Acq: 21 Sep 2023 18:19

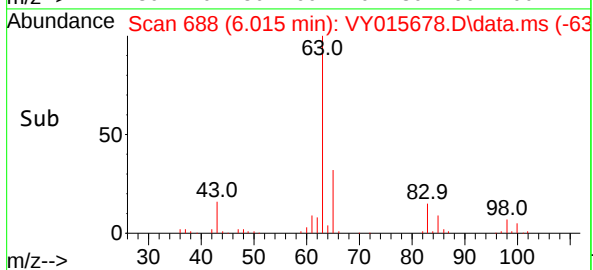
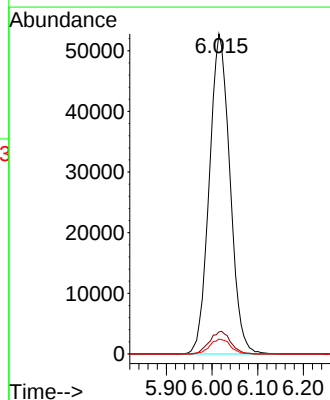
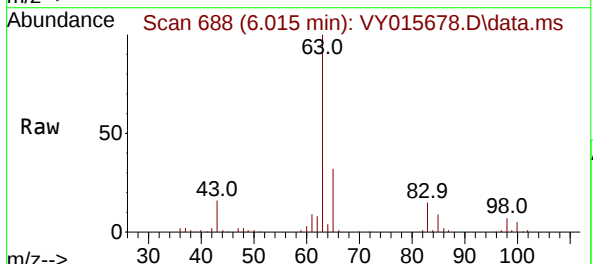
Instrument :
 MSVOA_Y
 ClientSampleId :

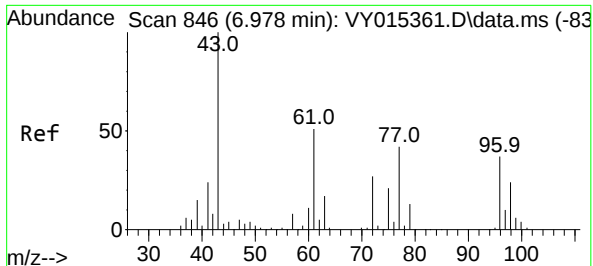
Tgt Ion: 43 Resp: 858170
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.830 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015678.D
 Acq: 21 Sep 2023 18:19

Tgt Ion: 63 Resp: 165618
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 252.559 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

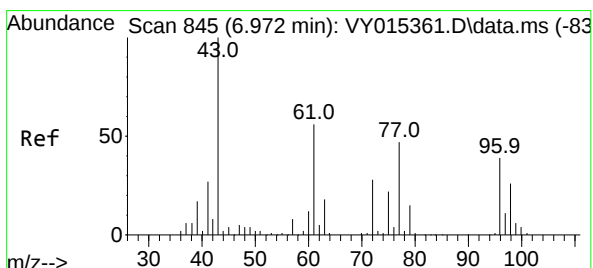
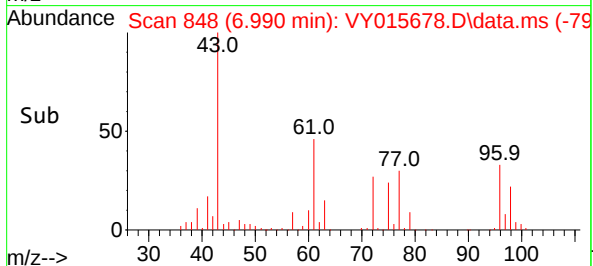
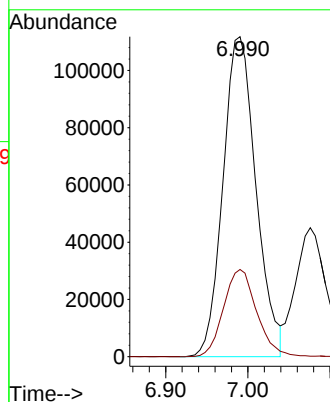
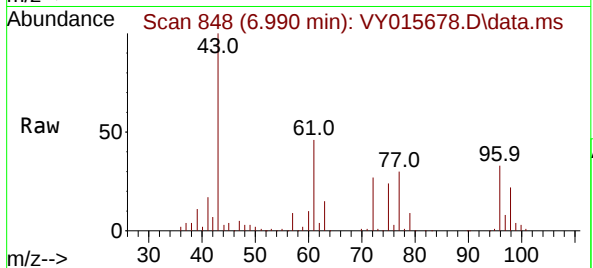
ClientSampleId :

Tgt Ion: 43 Resp: 312305

Ion Ratio Lower Upper

43 100

72 27.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 40.068 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015678.D

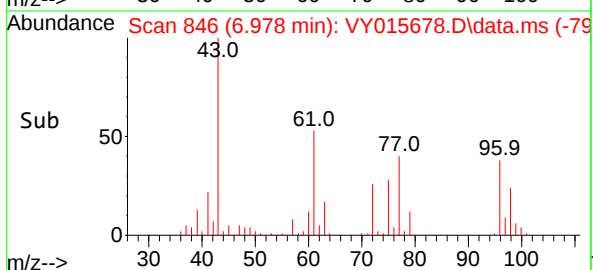
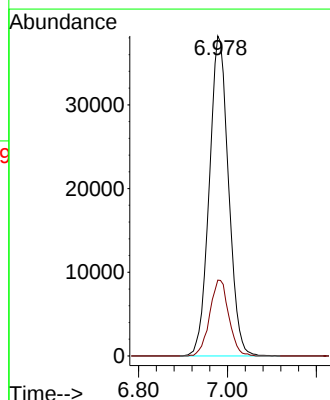
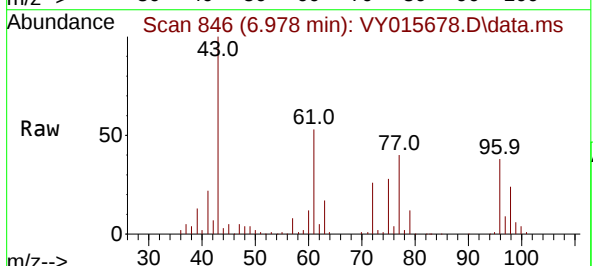
Acq: 21 Sep 2023 18:19

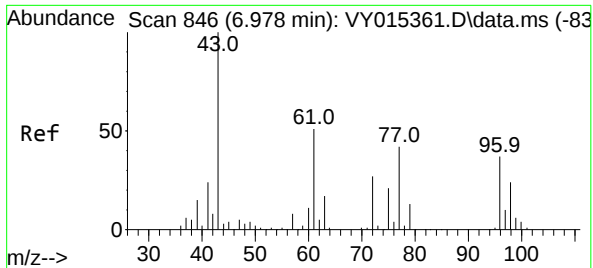
Tgt Ion: 77 Resp: 114807

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9

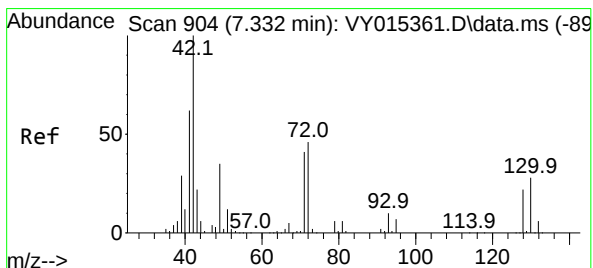
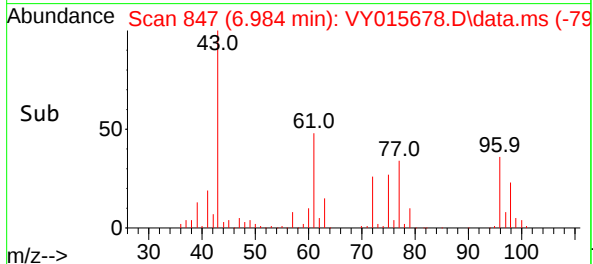
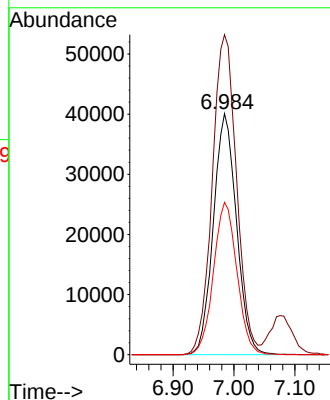
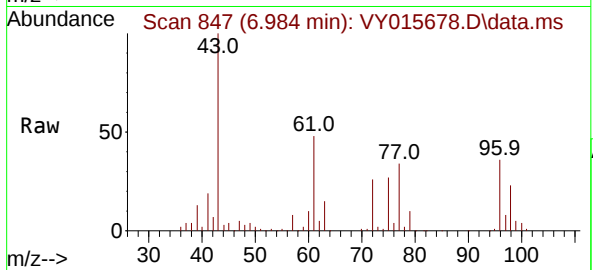




#27
 cis-1,2-Dichloroethene
 Concen: 53.423 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015678.D
 Acq: 21 Sep 2023 18:19

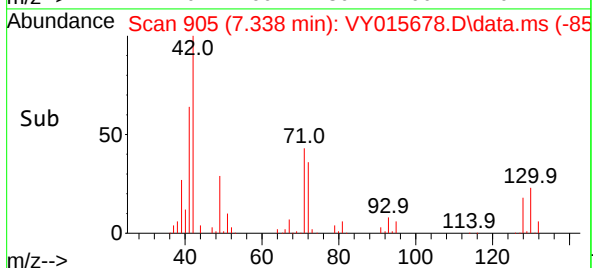
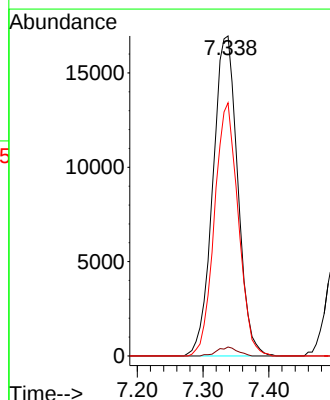
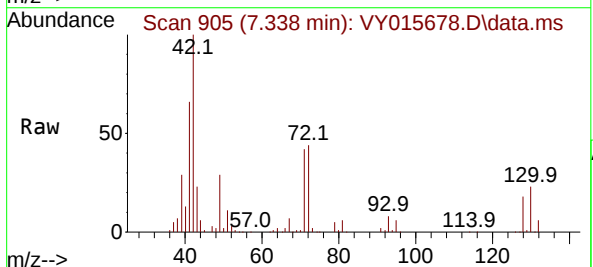
Instrument :
 MSVOA_Y
 ClientSampleId :

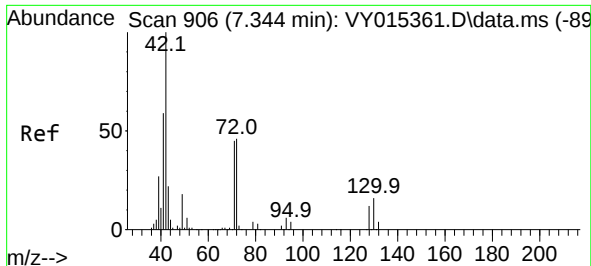
Tgt Ion: 96 Resp: 105961
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 301.4
 98 64.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 52.384 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.012 min
 Lab File: VY015678.D
 Acq: 21 Sep 2023 18:19

Tgt Ion: 49 Resp: 44554
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 75.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 293.569 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

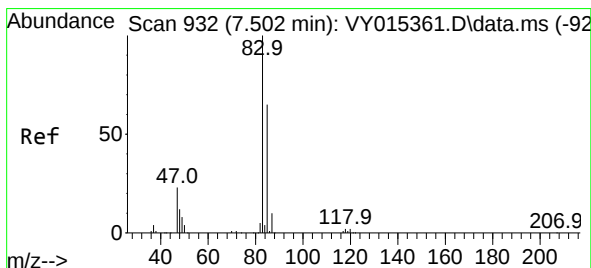
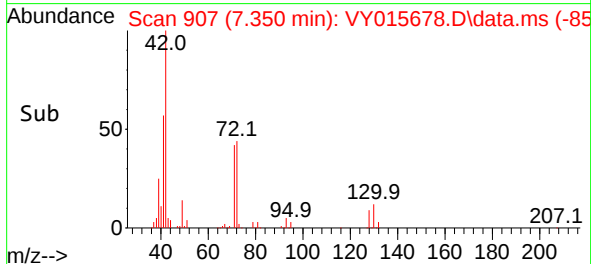
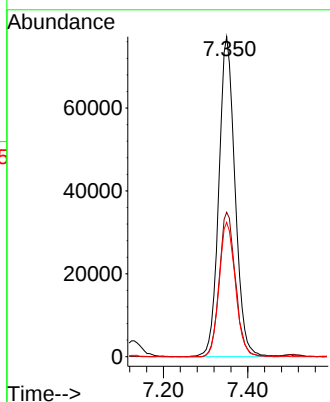
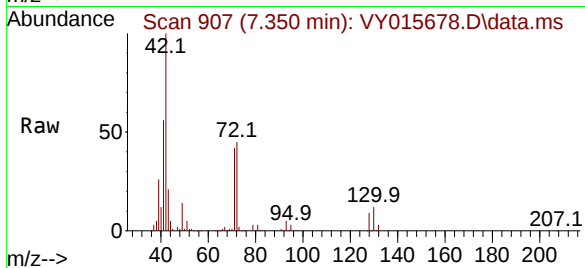
Tgt Ion: 42 Resp: 205181

Ion Ratio Lower Upper

42 100

72 45.0 32.8 49.2

71 42.0 31.0 46.4



#30

Chloroform

Concen: 53.792 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.013 min

Lab File: VY015678.D

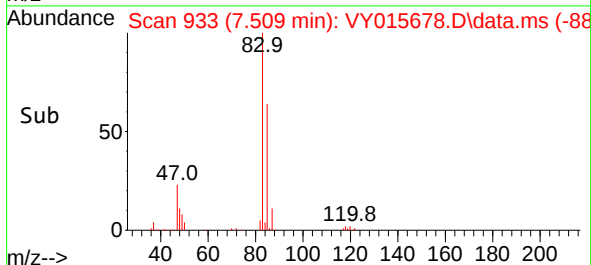
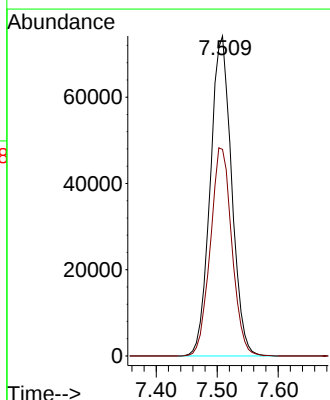
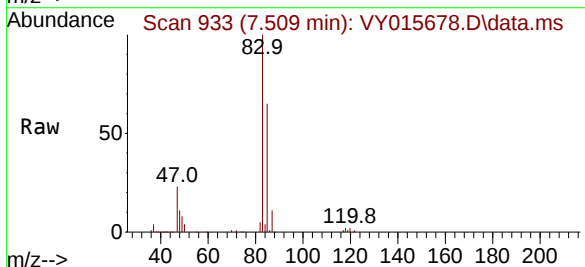
Acq: 21 Sep 2023 18:19

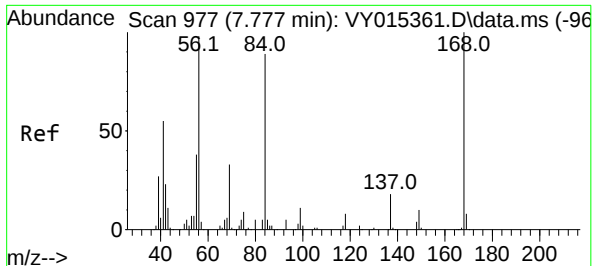
Tgt Ion: 83 Resp: 180592

Ion Ratio Lower Upper

83 100

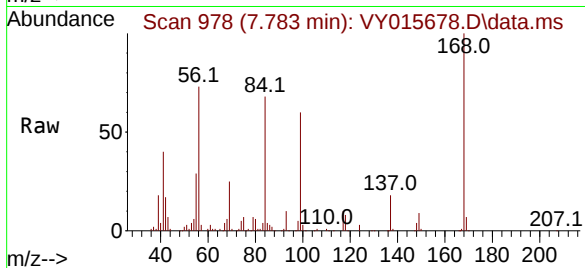
85 64.5 49.7 74.5



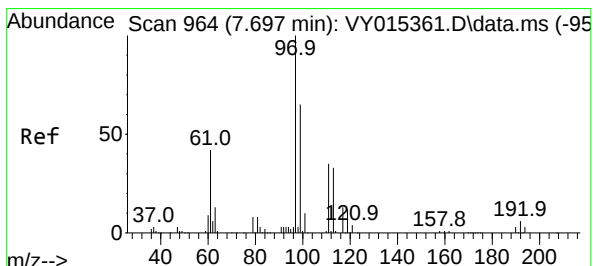
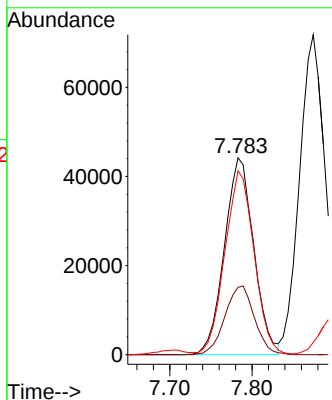
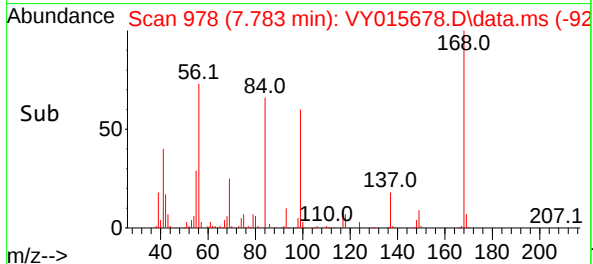


#31
Cyclohexane
Concen: 48.534 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :

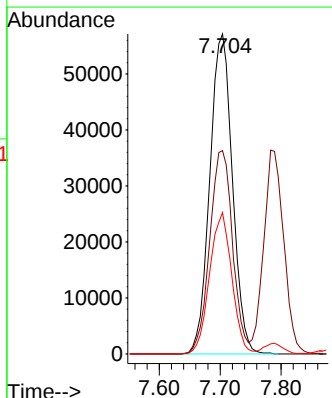
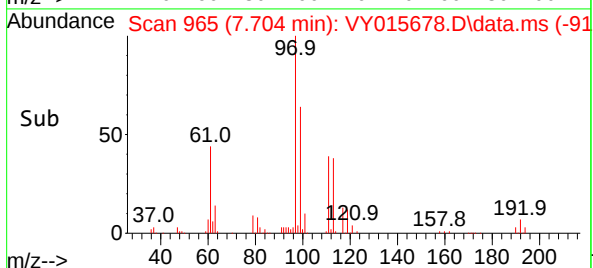
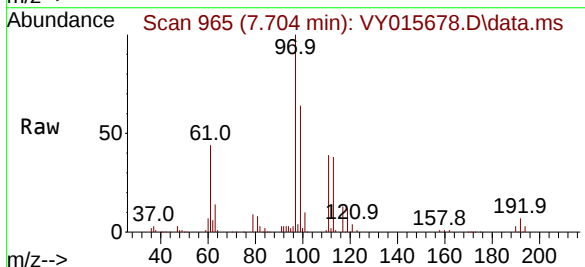


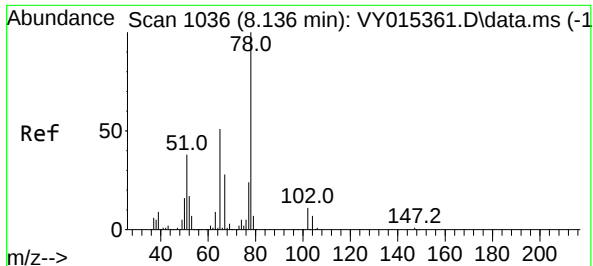
Tgt Ion: 56 Resp: 109912
Ion Ratio Lower Upper
56 100
69 34.2 27.8 41.6
84 91.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.171 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.013 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion: 97 Resp: 147360
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 43.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.414 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

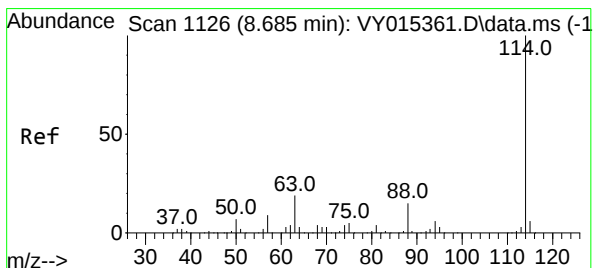
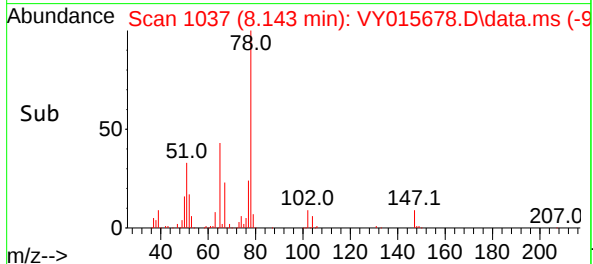
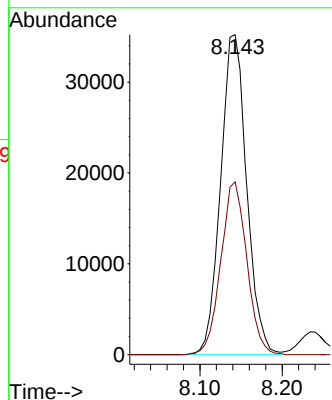
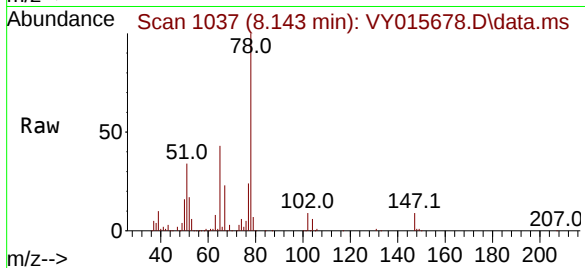
ClientSampleId :

Tgt Ion: 65 Resp: 77510

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

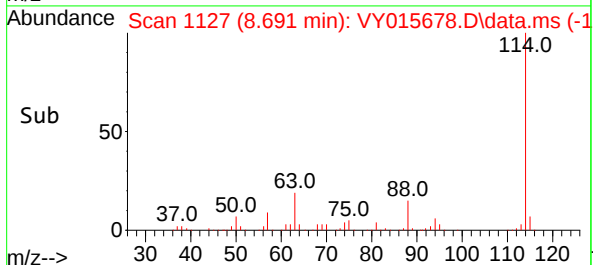
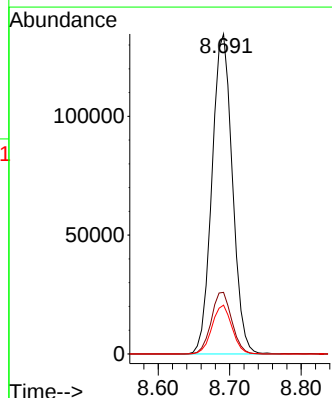
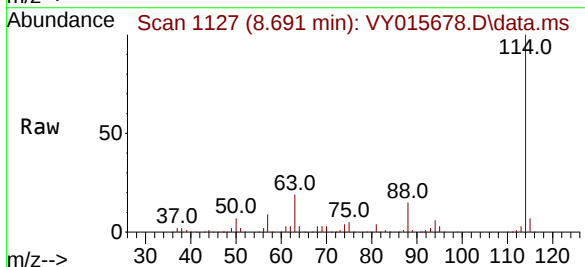
Tgt Ion: 114 Resp: 266695

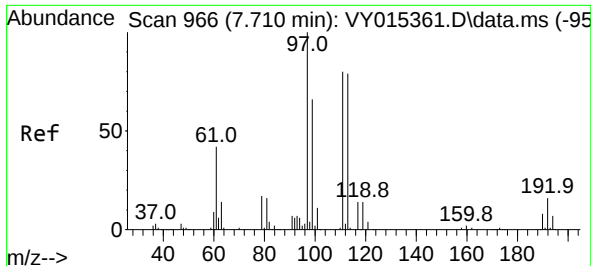
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.2 0.0 30.6

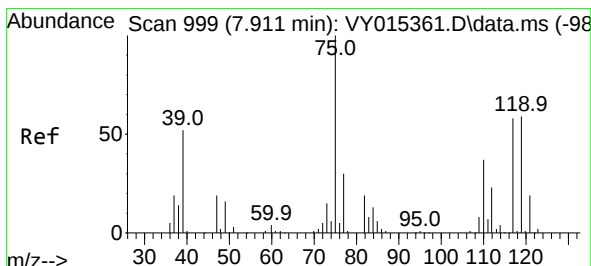
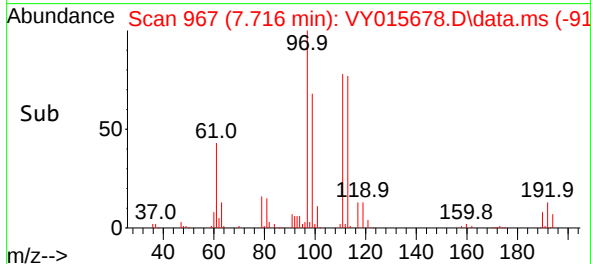
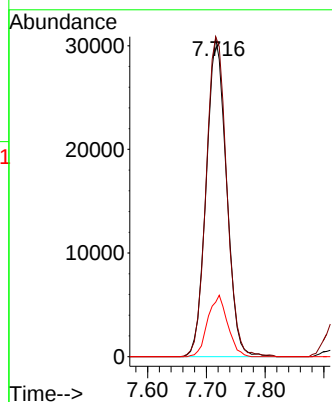
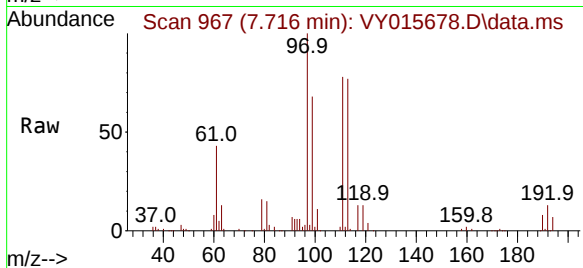




#35
Dibromofluoromethane
Concen: 46.074 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

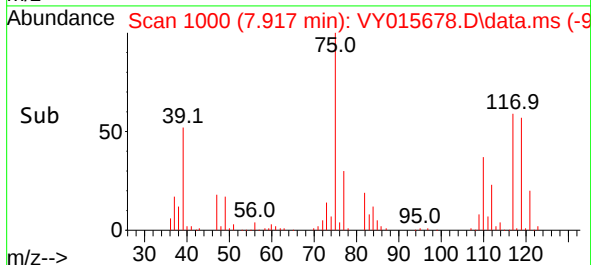
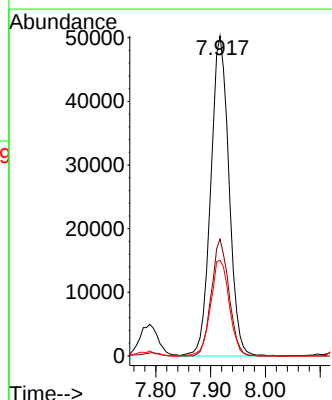
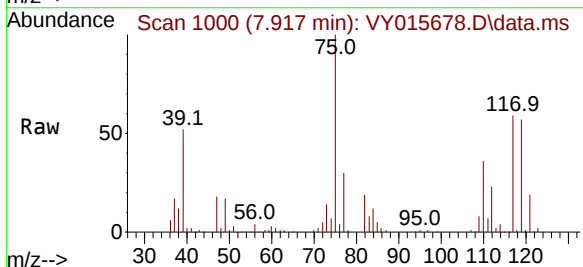
Instrument :
MSVOA_Y
ClientSampleId :

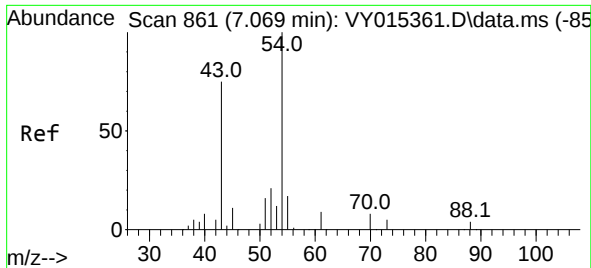
Tgt Ion:113 Resp: 73546
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.036 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion: 75 Resp: 115734
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 51.236 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.013 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

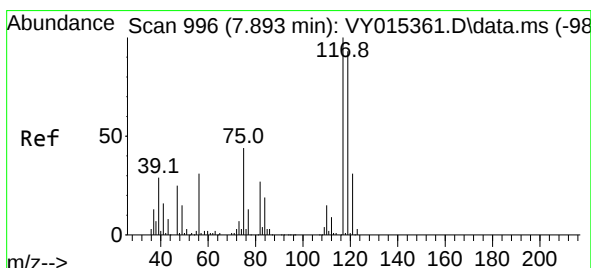
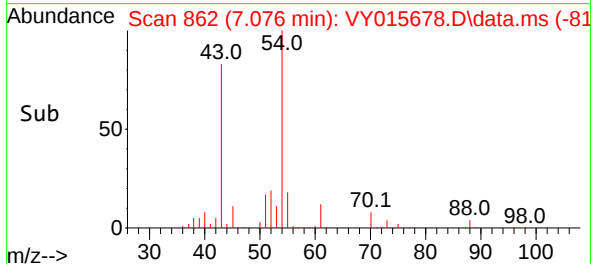
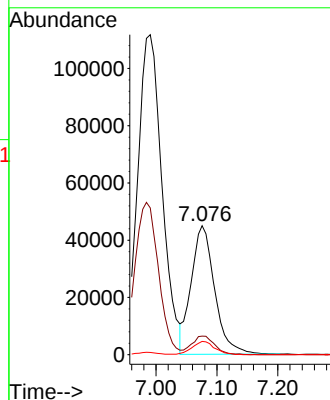
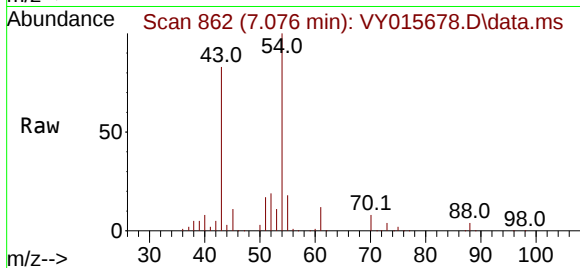
Tgt Ion: 43 Resp: 120620

Ion Ratio Lower Upper

43 100

61 14.4 10.1 15.1

70 9.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 49.358 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

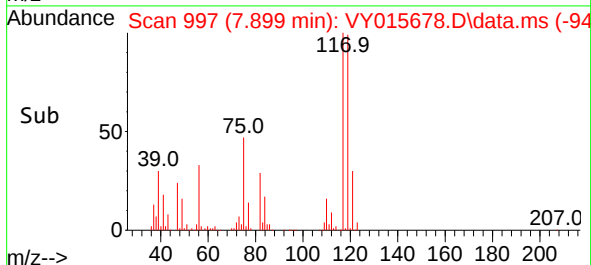
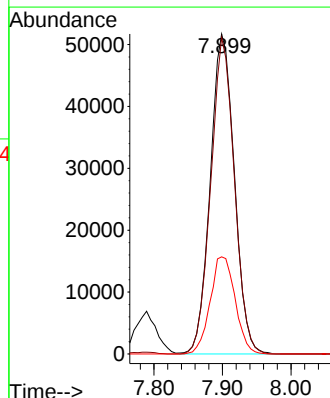
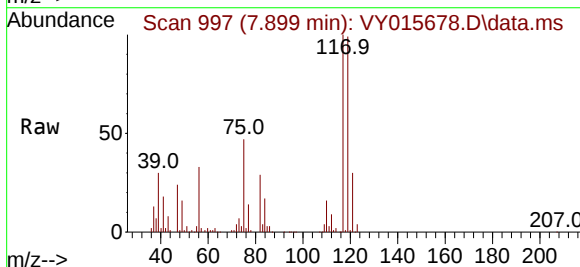
Tgt Ion:117 Resp: 126452

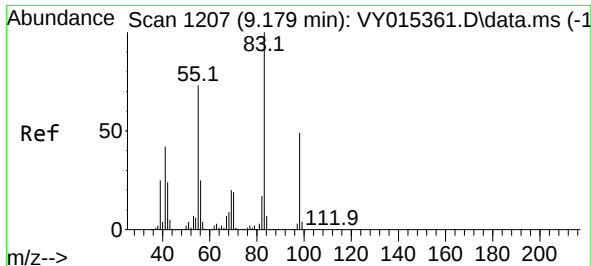
Ion Ratio Lower Upper

117 100

119 98.9 76.4 114.6

121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 48.207 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

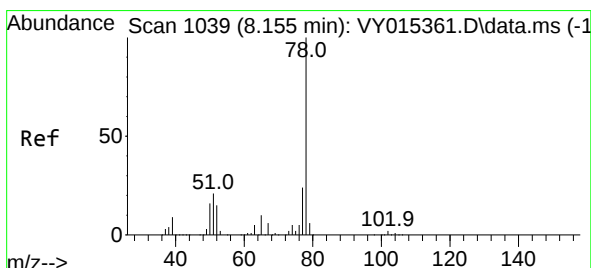
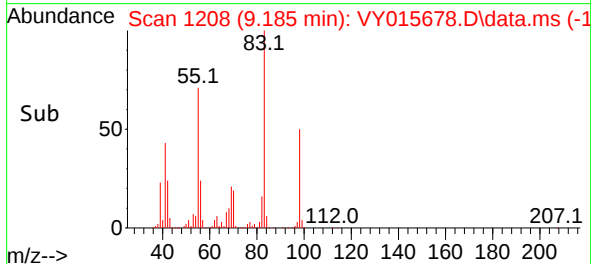
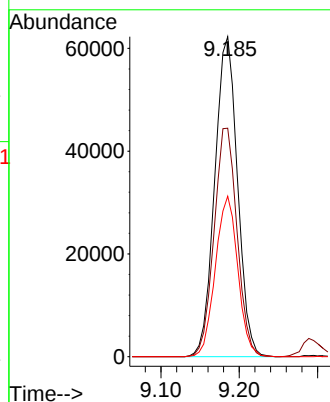
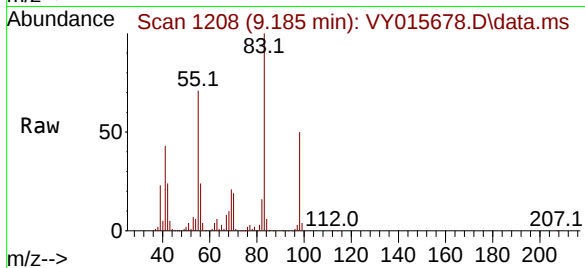
Tgt Ion: 83 Resp: 125845

Ion Ratio Lower Upper

83 100

55 71.4 63.0 94.4

98 50.2 37.4 56.2



#40

Benzene

Concen: 50.059 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015678.D

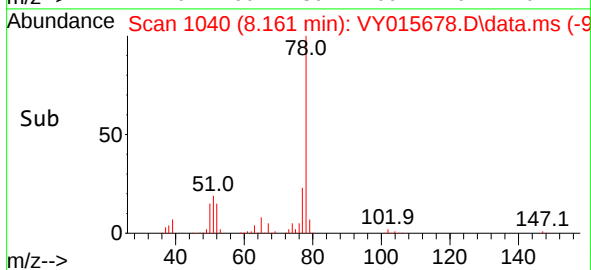
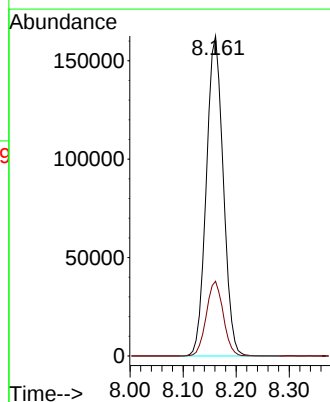
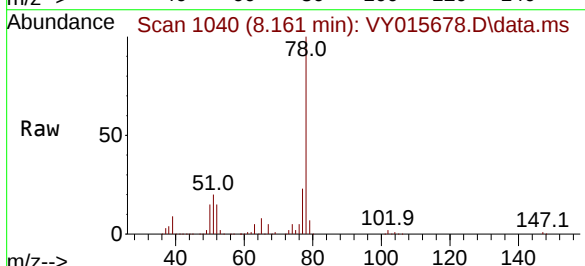
Acq: 21 Sep 2023 18:19

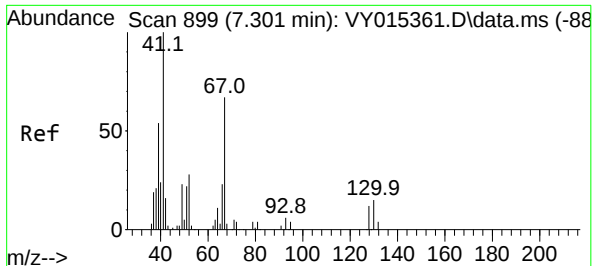
Tgt Ion: 78 Resp: 360303

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

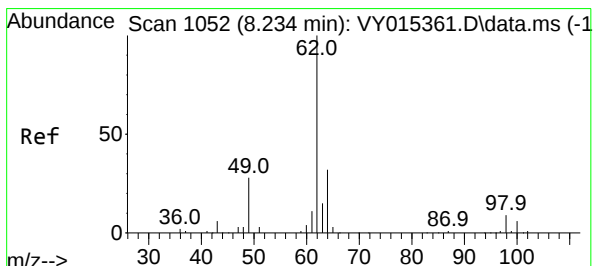
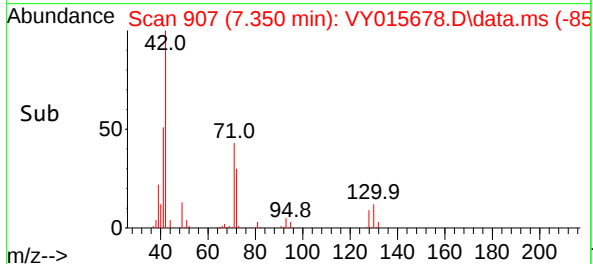
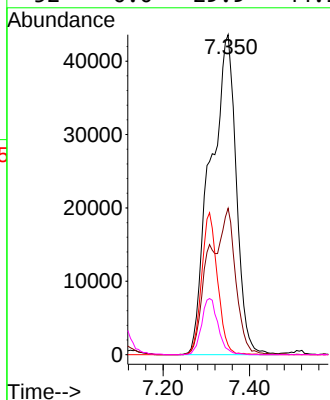
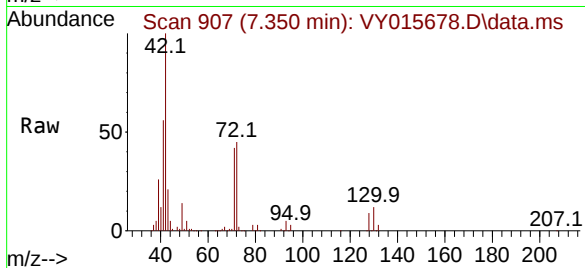




#41
Methacrylonitrile
Concen: 142.186 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.037 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

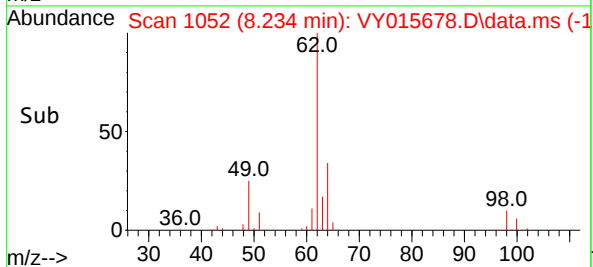
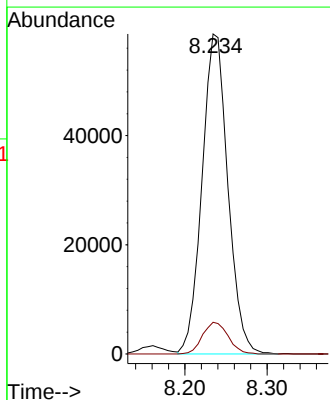
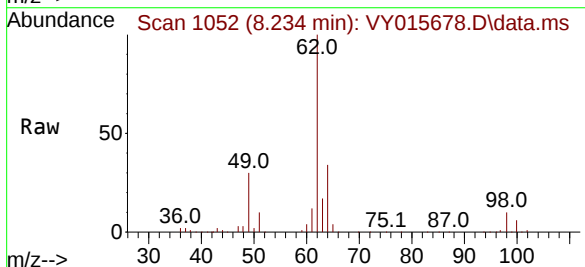
Instrument :
MSVOA_Y
ClientSampleId :

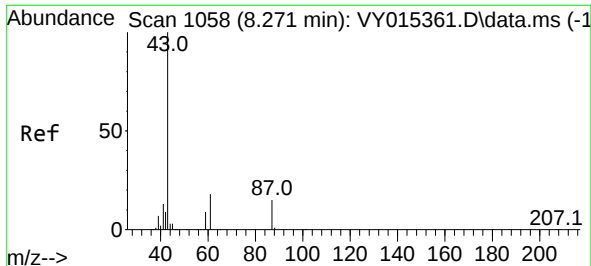
Tgt Ion: 41 Resp: 180235
Ion Ratio Lower Upper
41 100
39 26.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.018 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

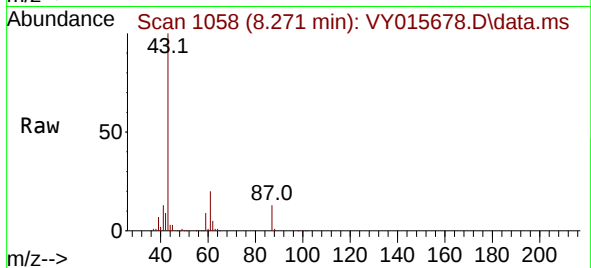
Tgt Ion: 62 Resp: 128225
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8



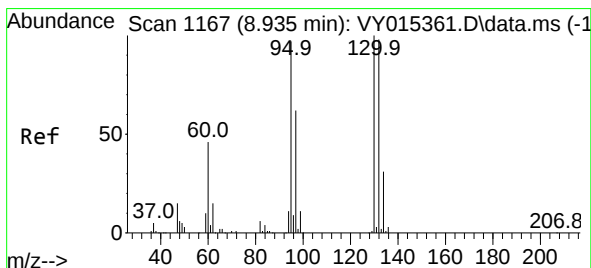
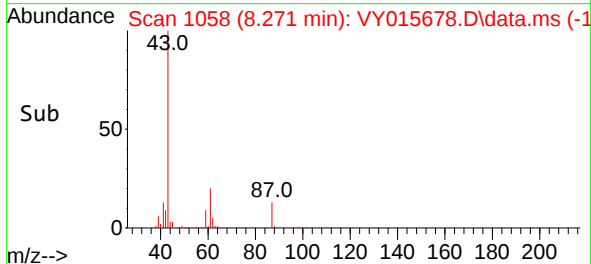
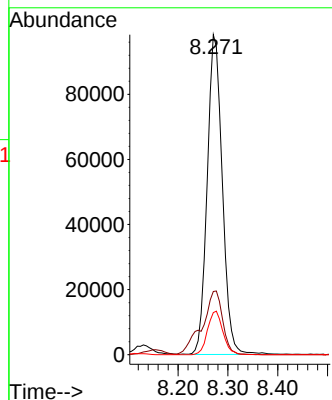


#43
Isopropyl Acetate
Concen: 51.470 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :

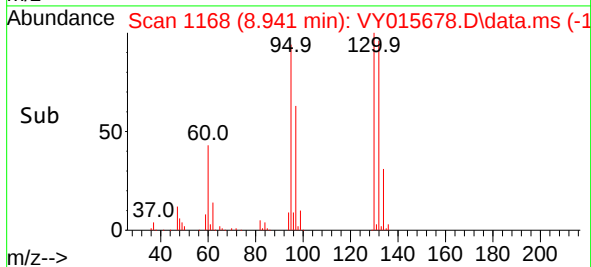
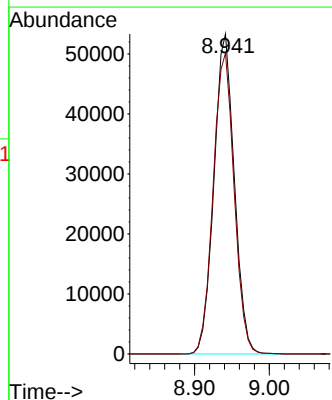
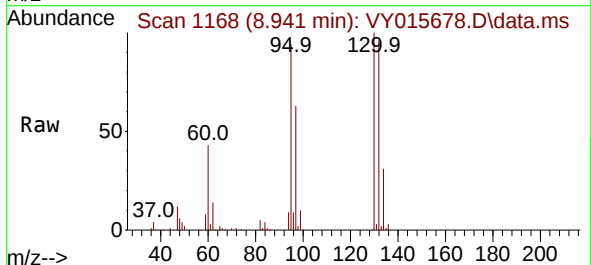


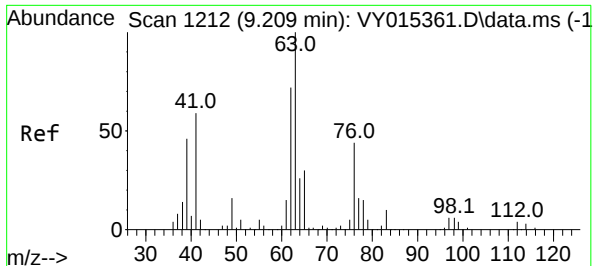
Tgt Ion: 43 Resp: 206984
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 50.367 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion:130 Resp: 101252
Ion Ratio Lower Upper
130 100
95 94.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.602 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

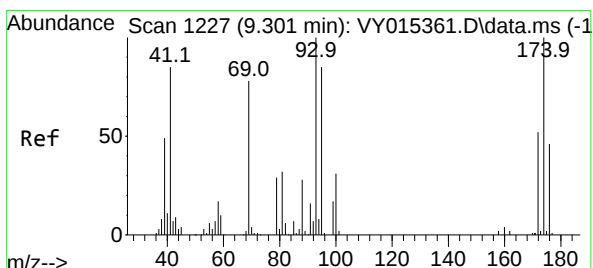
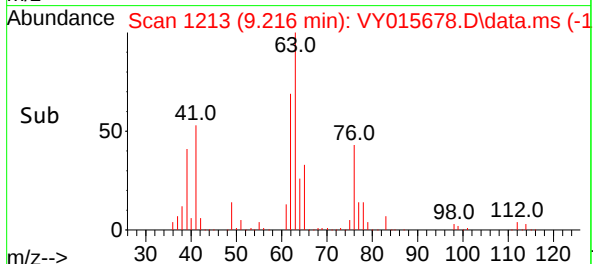
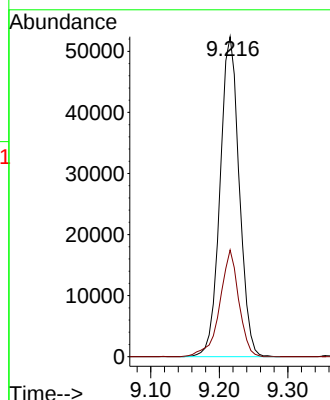
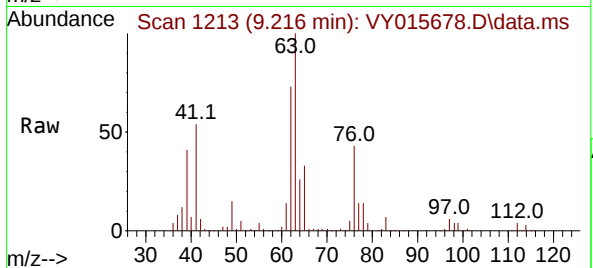
ClientSampleId :

Tgt Ion: 63 Resp: 101567

Ion Ratio Lower Upper

63 100

65 33.3 23.8 35.6



#46

Dibromomethane

Concen: 52.046 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

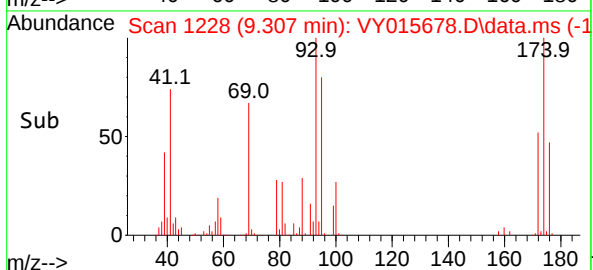
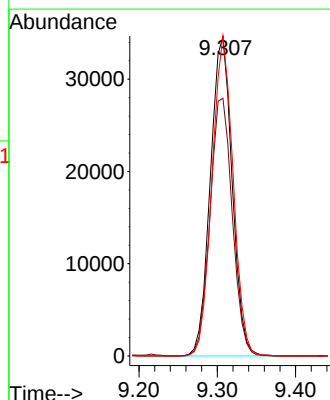
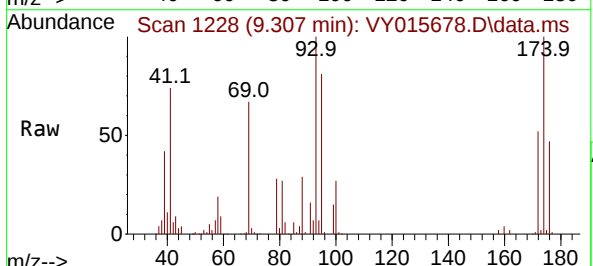
Tgt Ion: 93 Resp: 66824

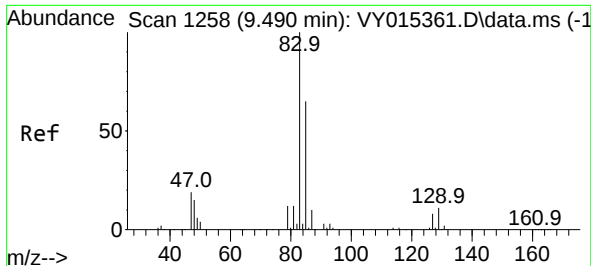
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 97.3 84.8 127.2

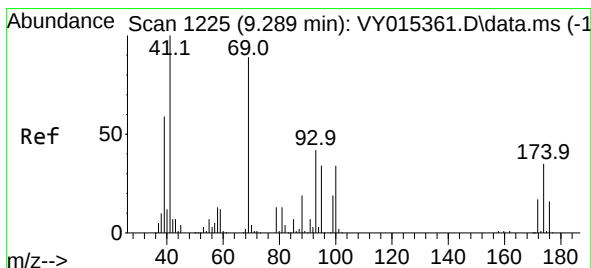
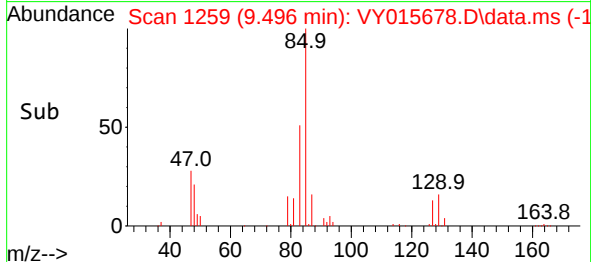
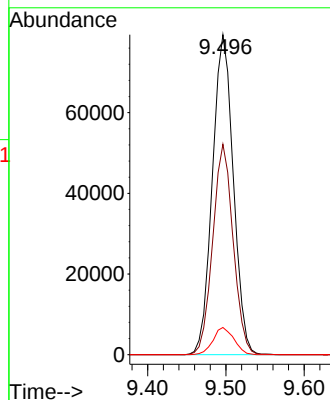
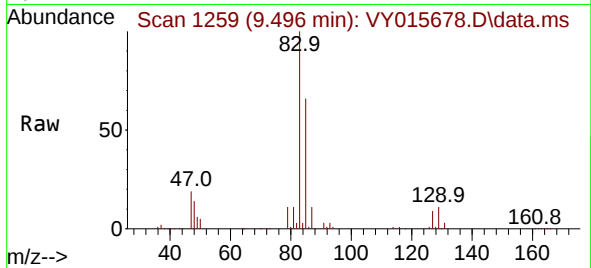




#47
Bromodichloromethane
Concen: 51.421 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

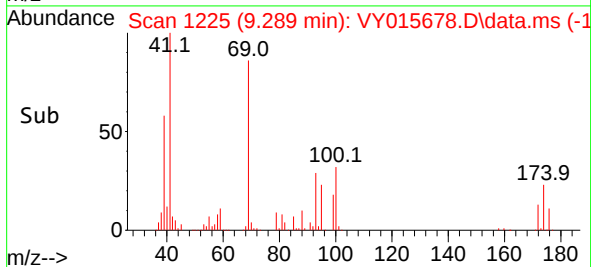
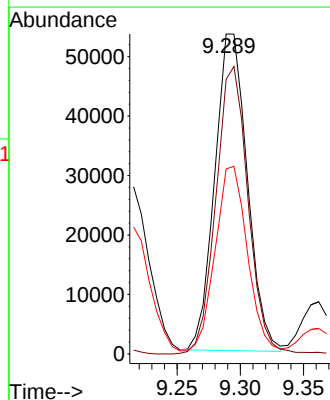
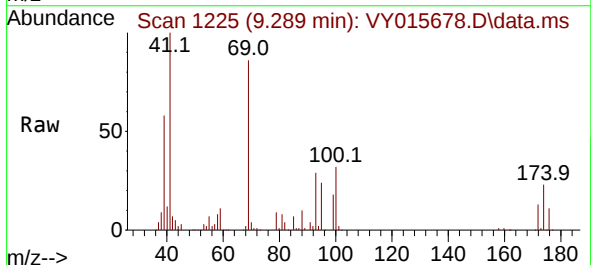
Instrument :
MSVOA_Y
ClientSampleId :

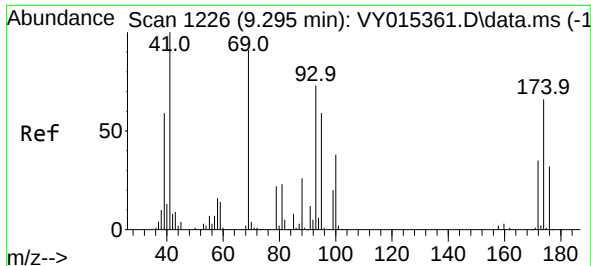
Tgt Ion: 83 Resp: 147159
Ion Ratio Lower Upper
83 100
85 65.7 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 54.044 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion: 41 Resp: 95396
Ion Ratio Lower Upper
41 100
69 89.9 64.5 96.7
39 59.3 50.8 76.2





#49

1,4-Dioxane

Concen: 1148.030 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

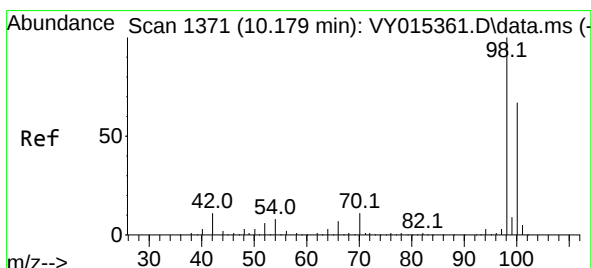
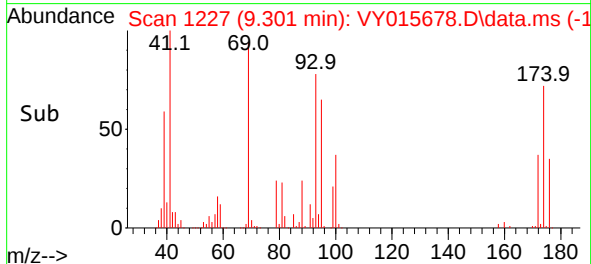
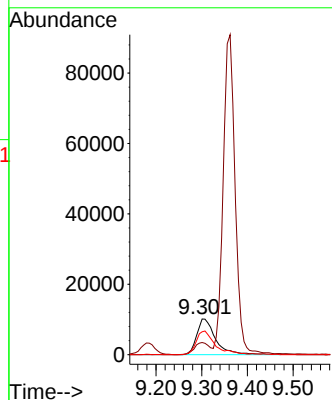
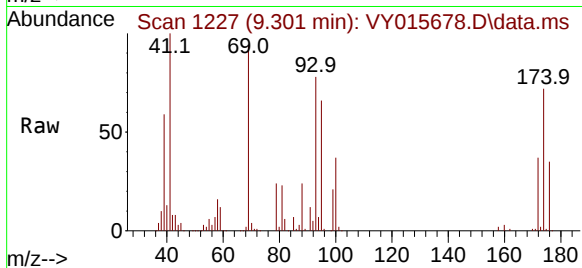
Tgt Ion: 88 Resp: 29120

Ion Ratio Lower Upper

88 100

43 28.1 0.0 0.0#

58 66.7 30.9 46.3#



#50

Toluene-d8

Concen: 42.997 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015678.D

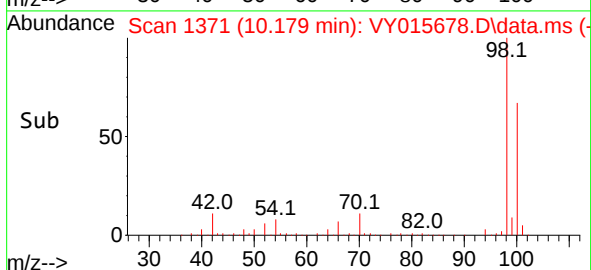
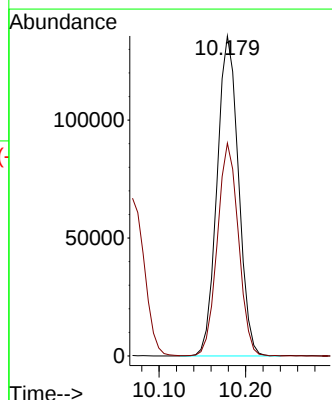
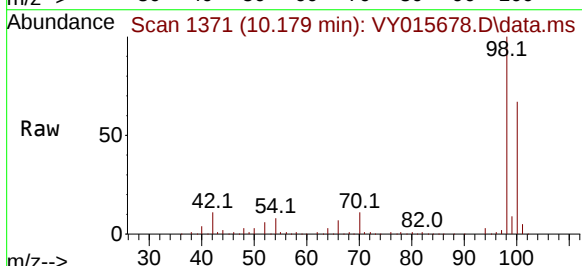
Acq: 21 Sep 2023 18:19

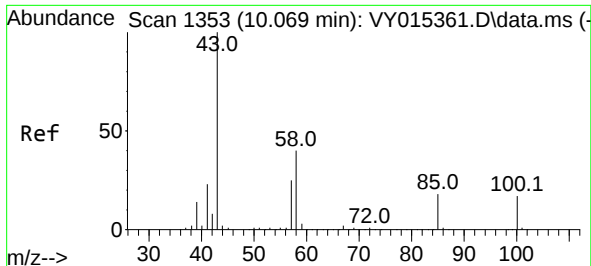
Tgt Ion: 98 Resp: 232715

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

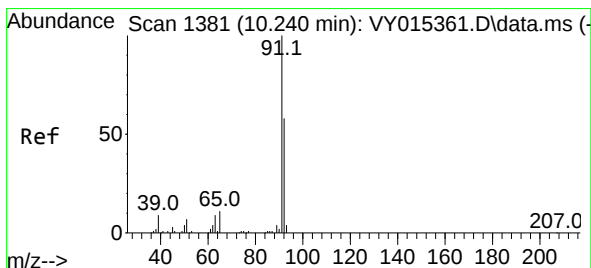
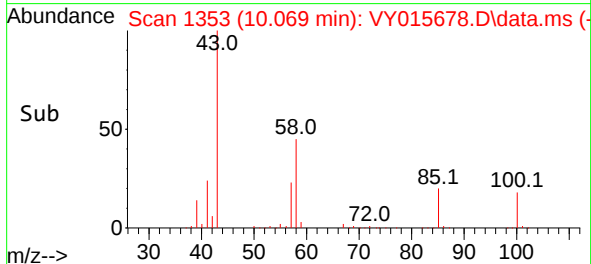
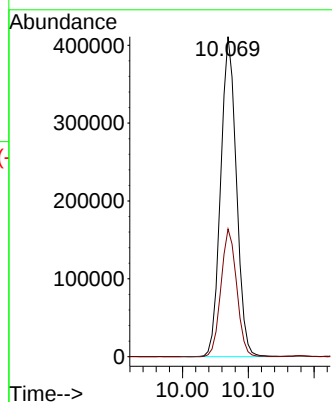
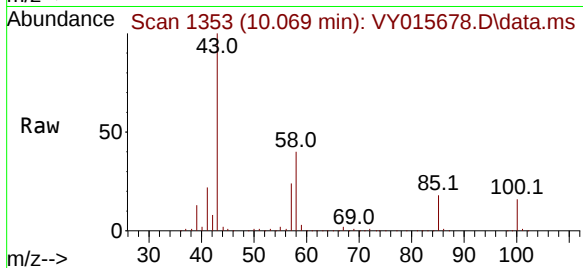




#51
4-Methyl-2-Pentanone
Concen: 274.891 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

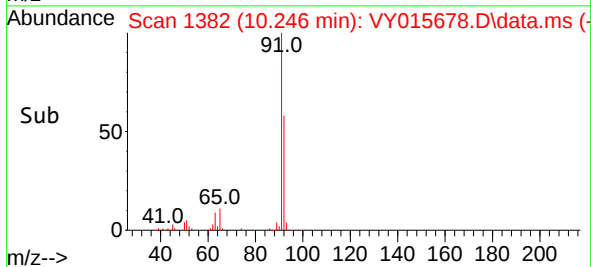
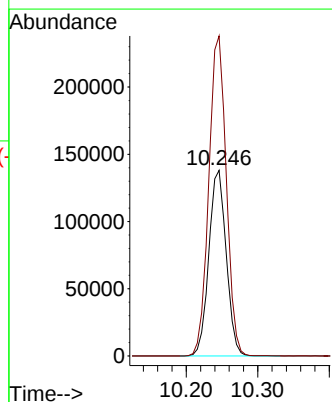
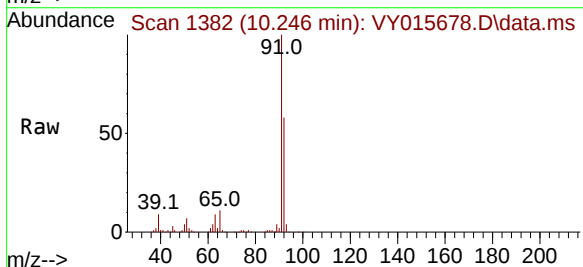
Instrument :
MSVOA_Y
ClientSampleId :

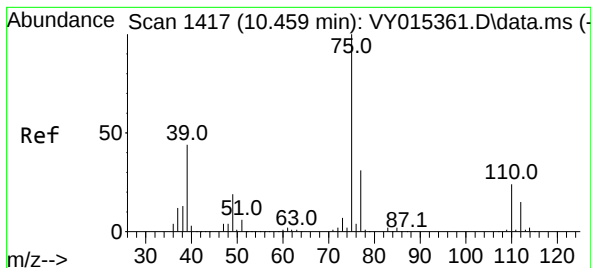
Tgt Ion: 43 Resp: 685177
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#52
Toluene
Concen: 50.143 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion: 92 Resp: 232674
Ion Ratio Lower Upper
92 100
91 173.9 143.8 215.6

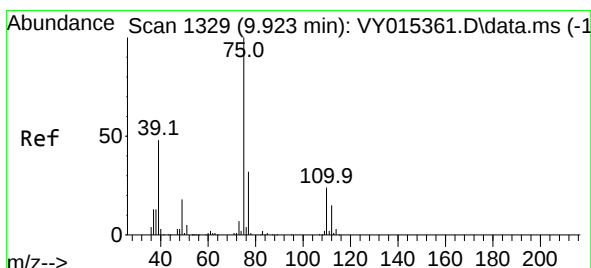
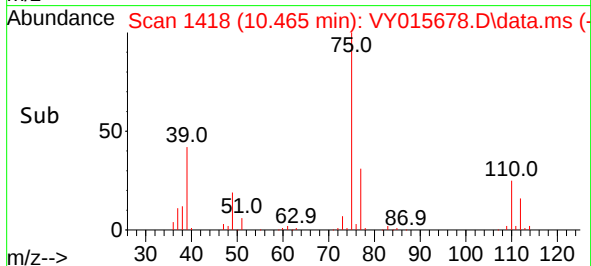
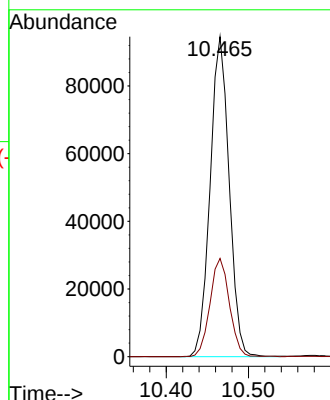
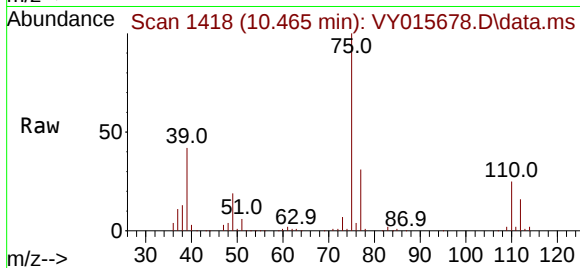




#53
 t-1,3-Dichloropropene
 Concen: 49.530 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015678.D
 Acq: 21 Sep 2023 18:19

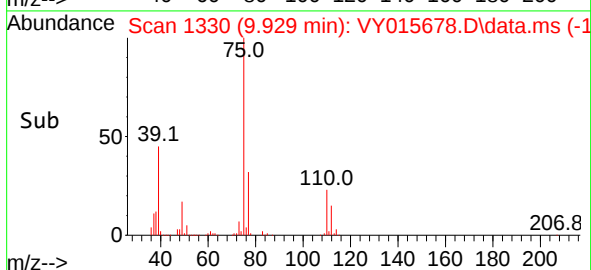
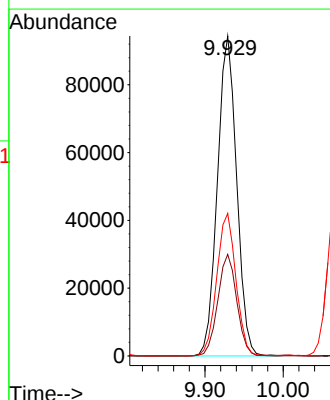
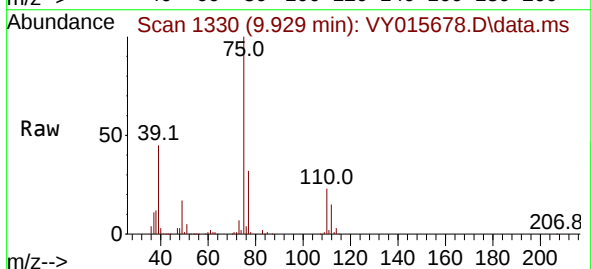
Instrument :
 MSVOA_Y
 ClientSampleId :

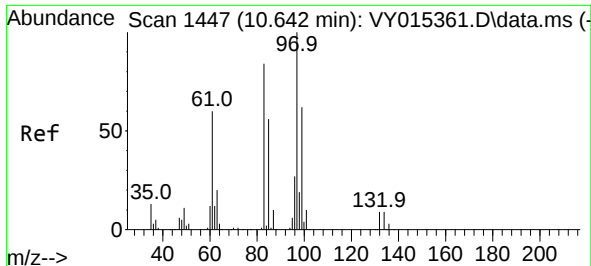
Tgt Ion: 75 Resp: 152005
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.783 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015678.D
 Acq: 21 Sep 2023 18:19

Tgt Ion: 75 Resp: 161154
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 44.5 42.2 63.4

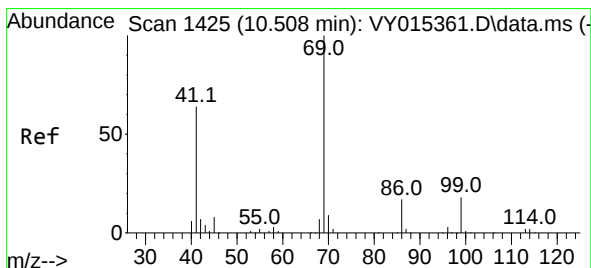
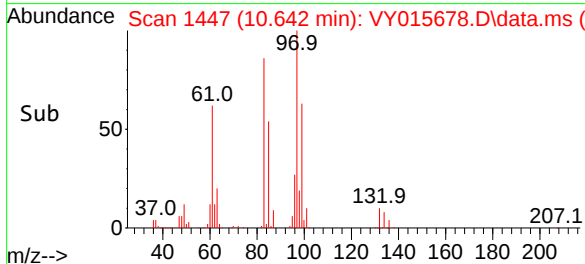
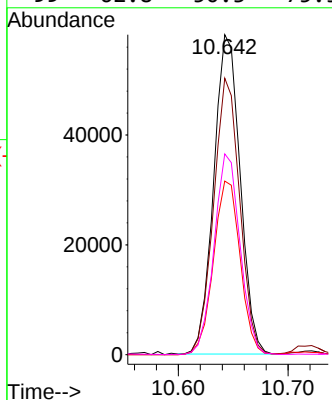
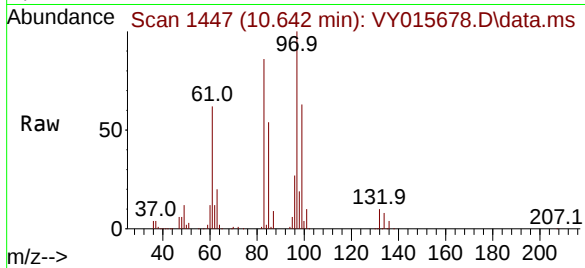




#55
1,1,2-Trichloroethane
Concen: 51.743 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

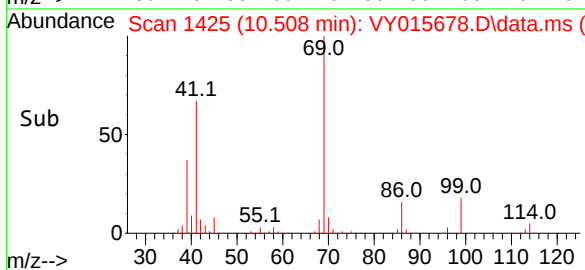
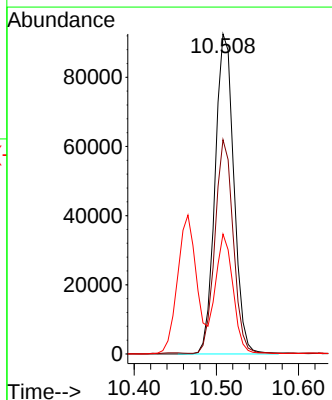
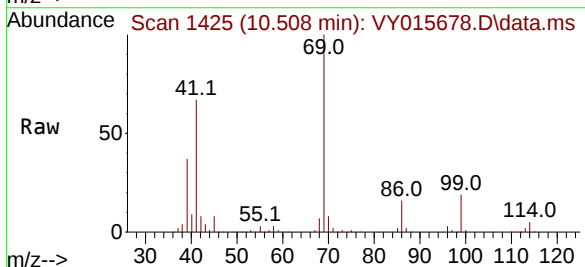
Instrument :
MSVOA_Y
ClientSampleId :

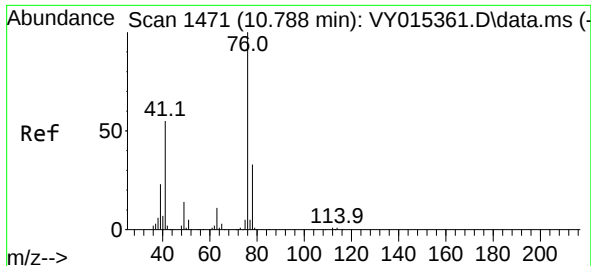
Tgt Ion:	97	Resp:	97358
Ion	Ratio	Lower	Upper
97	100		
83	86.6	72.0	108.0
85	54.4	45.4	68.0
99	62.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.025 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion:	69	Resp:	147031
Ion	Ratio	Lower	Upper
69	100		
41	65.0	57.6	86.4
39	34.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 51.279 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

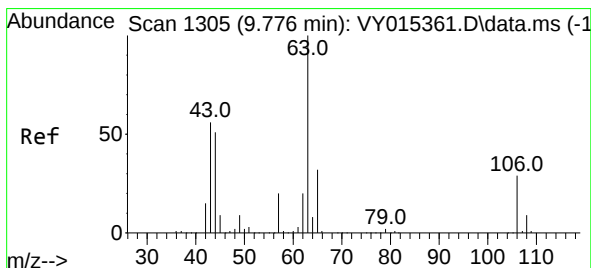
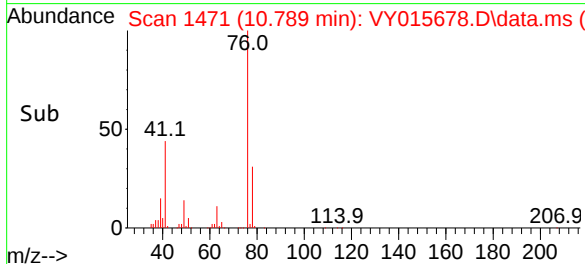
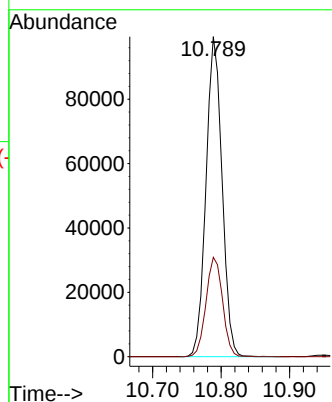
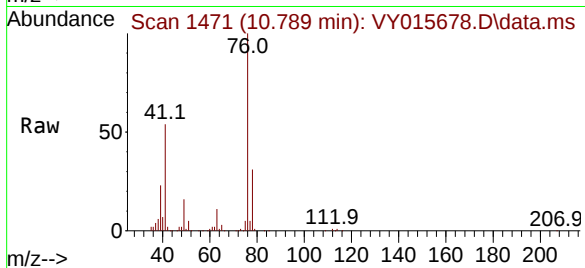
ClientSampleId :

Tgt Ion: 76 Resp: 161804

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 254.419 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.007 min

Lab File: VY015678.D

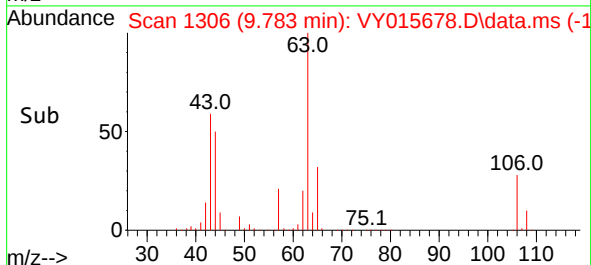
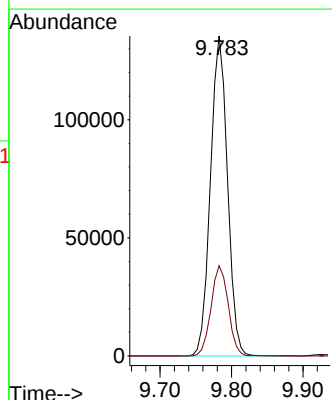
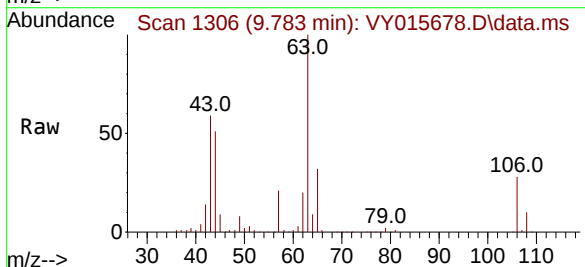
Acq: 21 Sep 2023 18:19

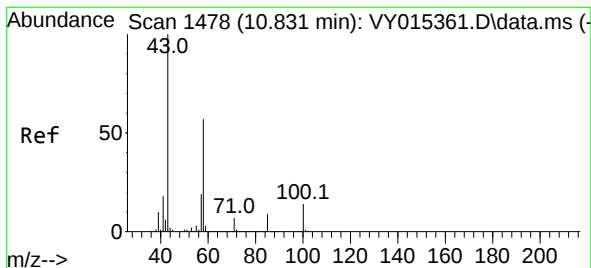
Tgt Ion: 63 Resp: 224087

Ion Ratio Lower Upper

63 100

106 28.4 21.2 31.8

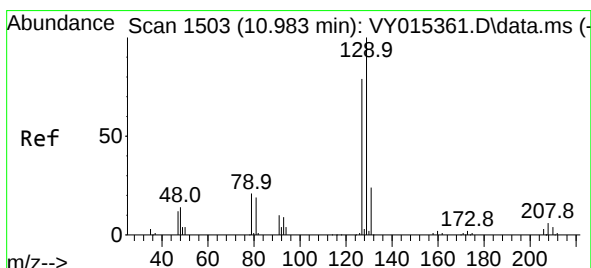
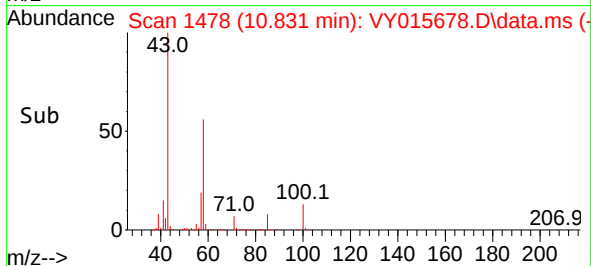
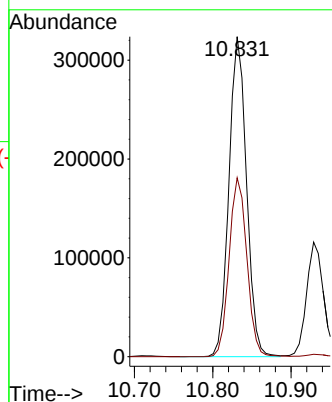
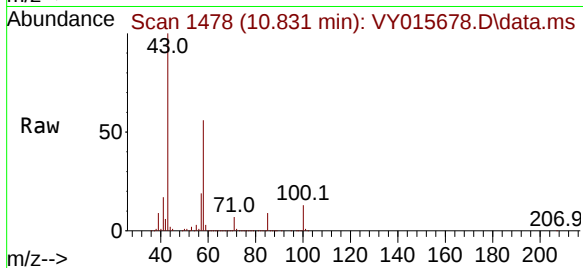




#59
2-Hexanone
Concen: 263.930 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

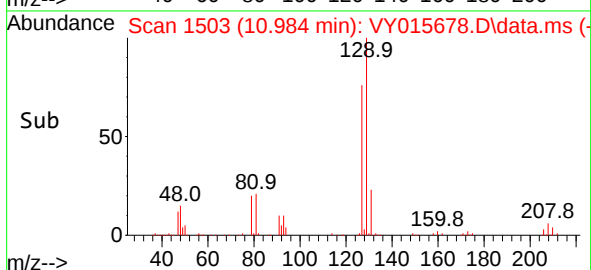
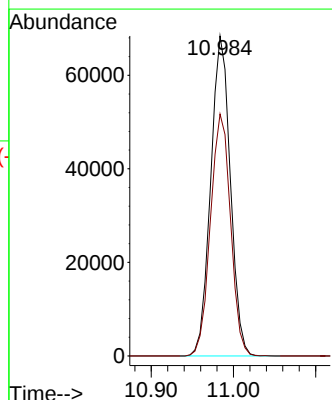
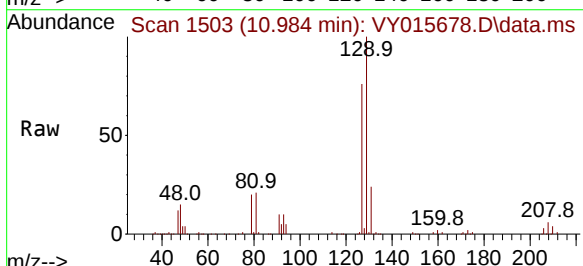
Instrument :
MSVOA_Y
ClientSampleId :

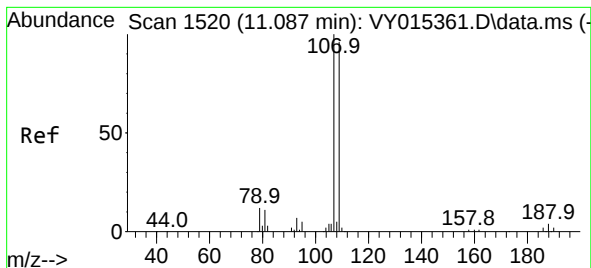
Tgt Ion: 43 Resp: 504715
Ion Ratio Lower Upper
43 100
58 56.5 25.1 75.3



#60
Dibromochloromethane
Concen: 51.659 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion:129 Resp: 113465
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

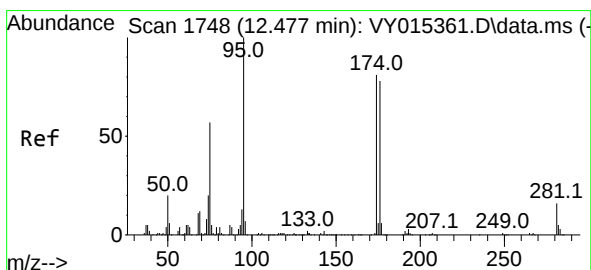
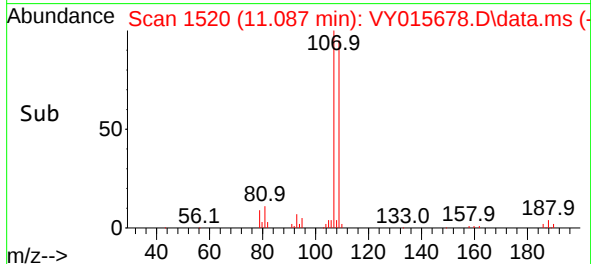
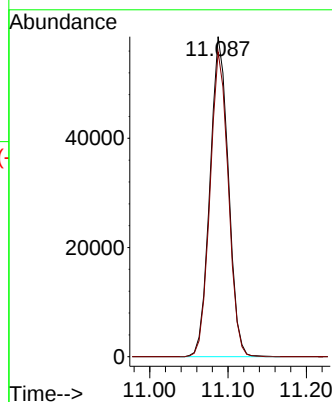
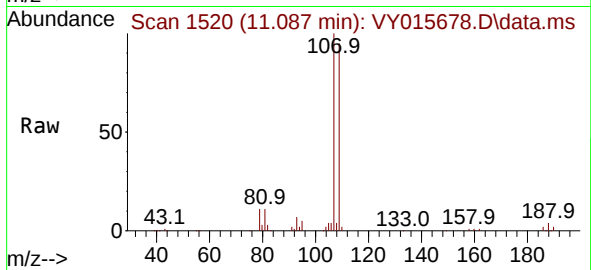




#61
1,2-Dibromoethane
Concen: 52.063 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

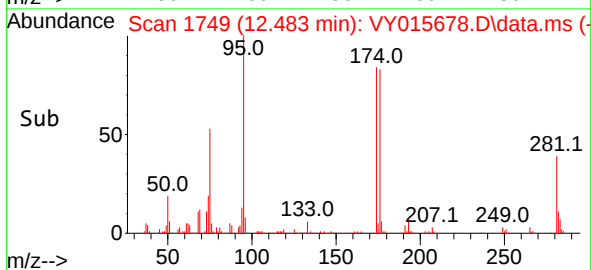
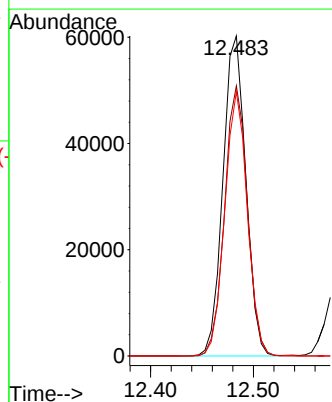
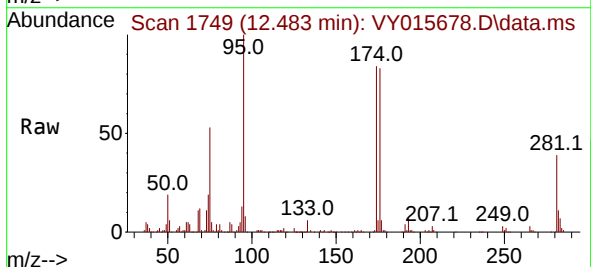
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 95835
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.809 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion: 95 Resp: 93050
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

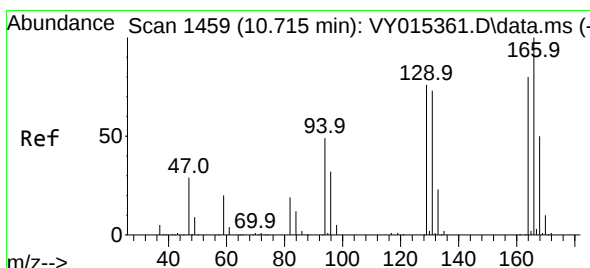
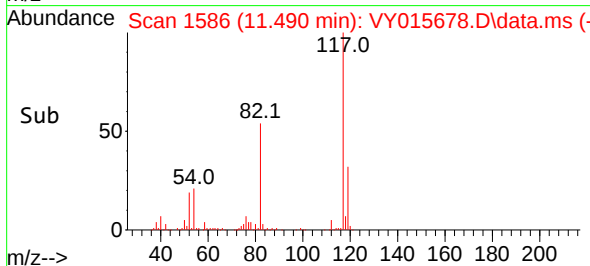
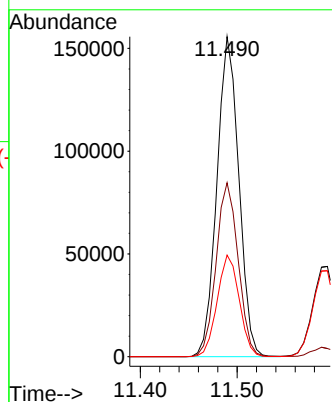
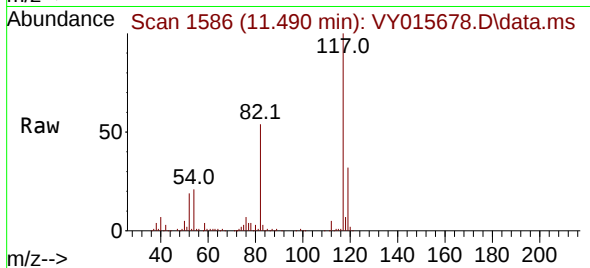
Tgt Ion:117 Resp: 244720

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 55.860 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Tgt Ion:164 Resp: 117284

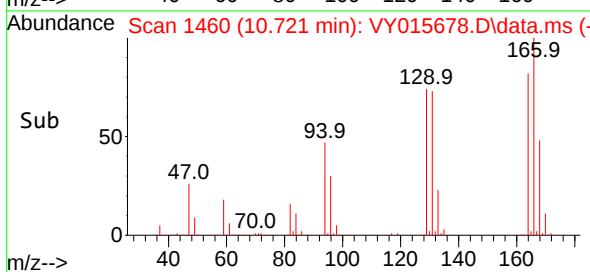
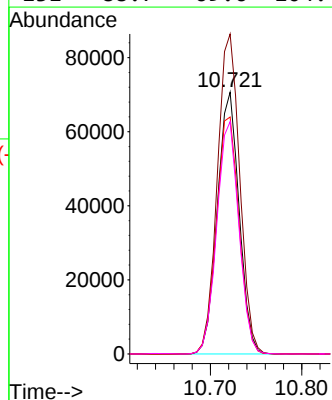
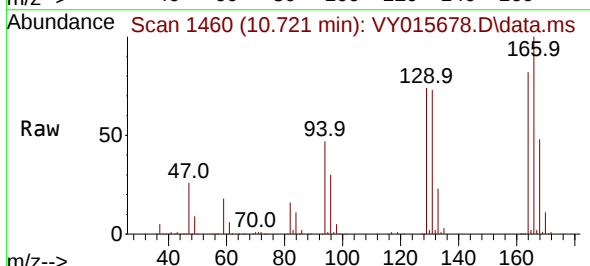
Ion Ratio Lower Upper

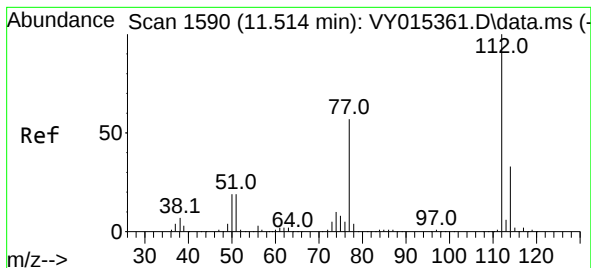
164 100

166 122.2 103.0 154.6

129 90.5 77.2 115.8

131 88.7 69.6 104.4





#65

Chlorobenzene

Concen: 49.638 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

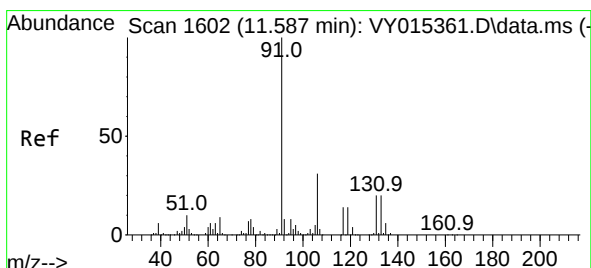
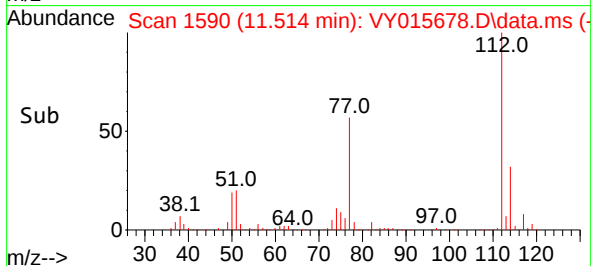
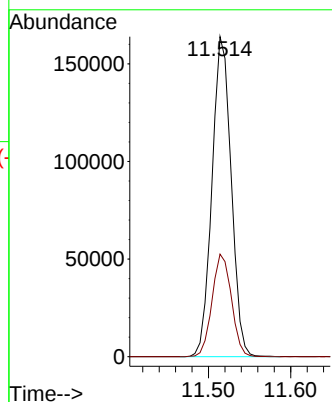
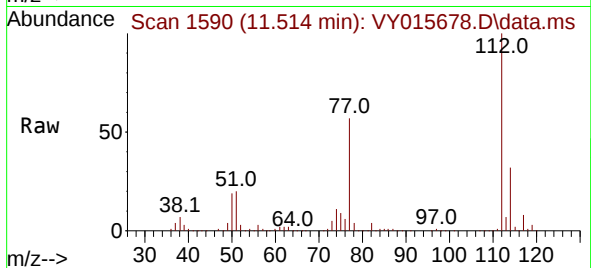
ClientSampleId :

Tgt Ion:112 Resp: 265157

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.726 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

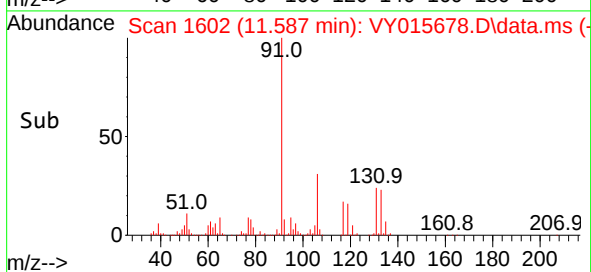
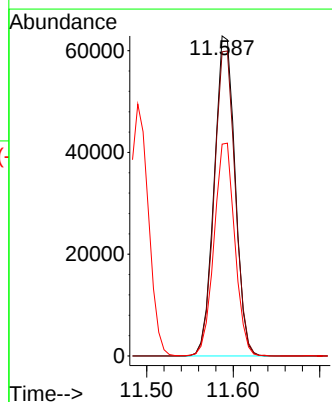
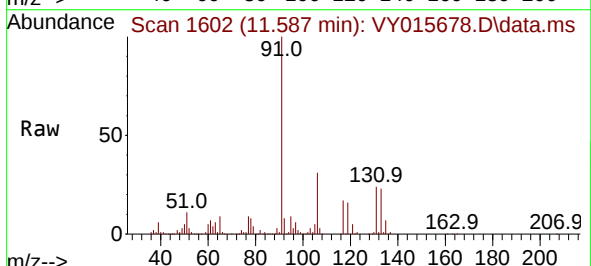
Tgt Ion:131 Resp: 105254

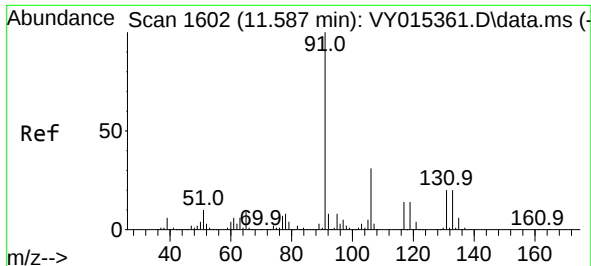
Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.6

119 66.3 31.6 94.7





#67

Ethyl Benzene

Concen: 49.832 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

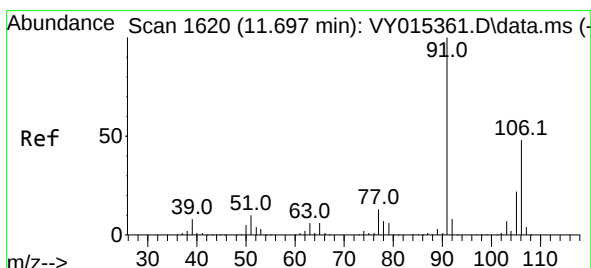
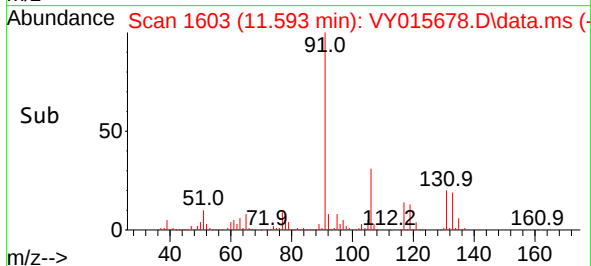
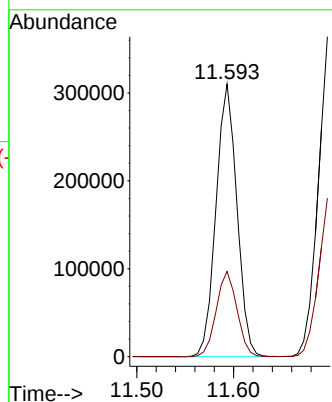
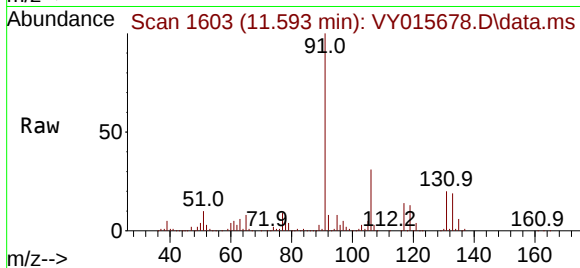
ClientSampleId :

Tgt Ion: 91 Resp: 465261

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 99.724 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015678.D

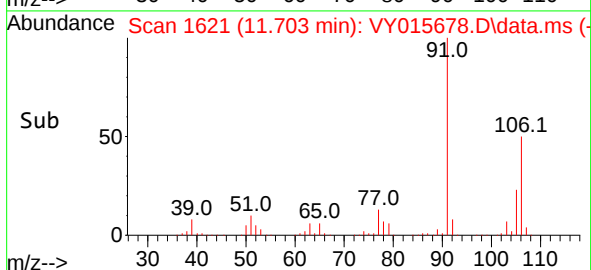
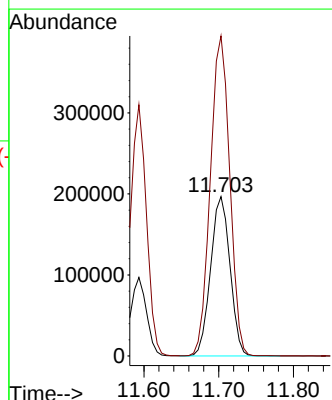
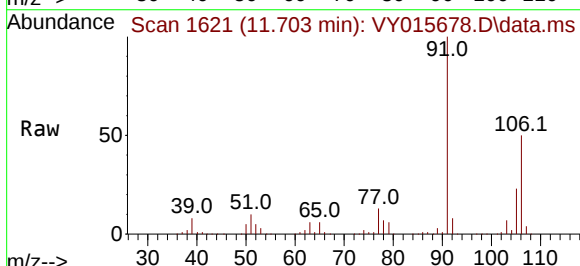
Acq: 21 Sep 2023 18:19

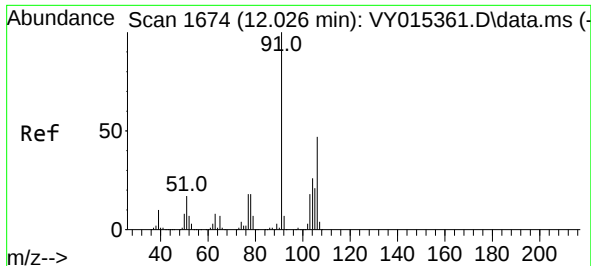
Tgt Ion:106 Resp: 353899

Ion Ratio Lower Upper

106 100

91 201.4 166.1 249.1

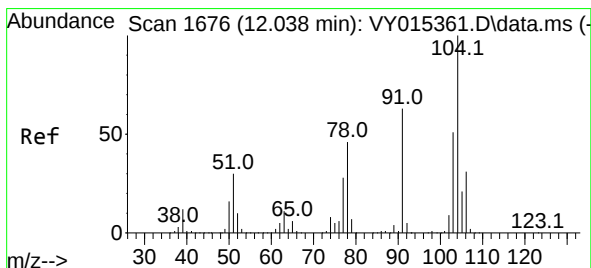
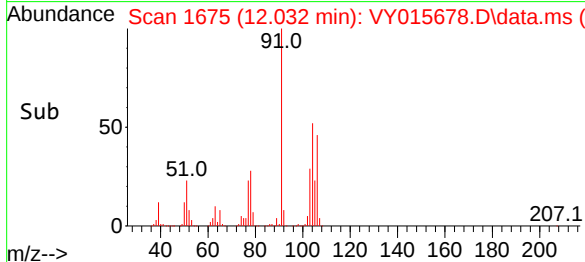
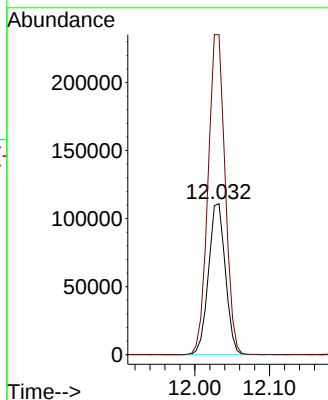
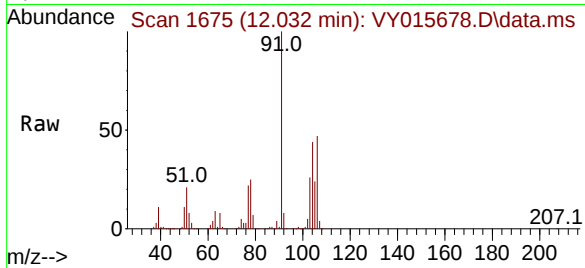




#69
o-Xylene
Concen: 50.047 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

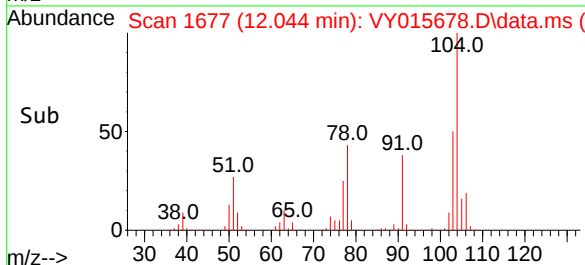
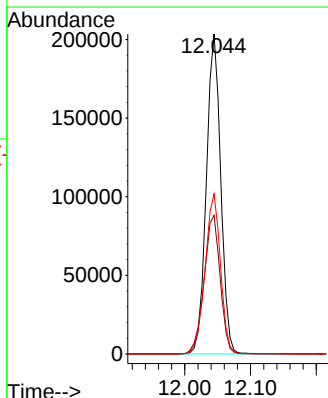
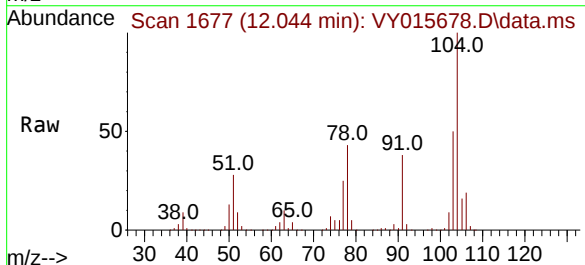
Instrument :
MSVOA_Y
ClientSampleId :

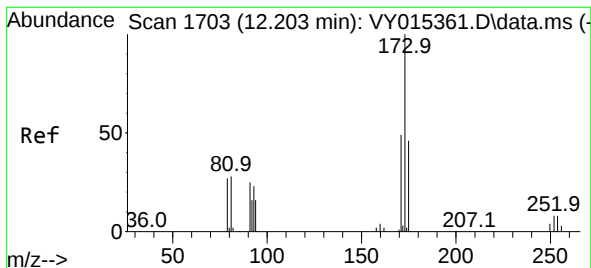
Tgt Ion:106 Resp: 174155
Ion Ratio Lower Upper
106 100
91 214.0 108.1 324.3



#70
Styrene
Concen: 52.060 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion:104 Resp: 310095
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 53.7 44.6 67.0





#71

Bromoform

Concen: 54.045 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

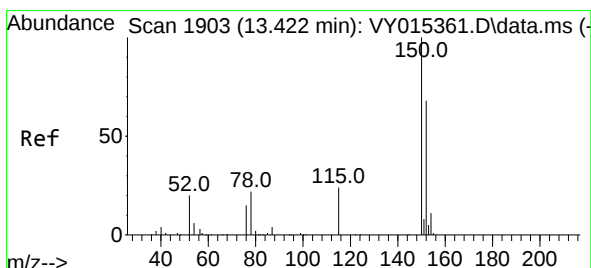
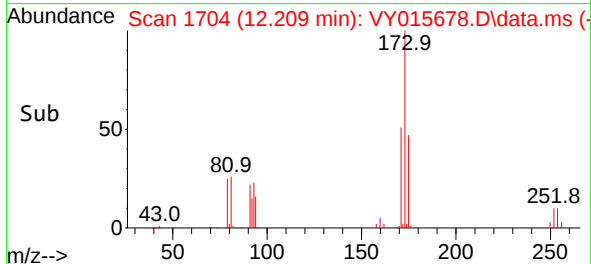
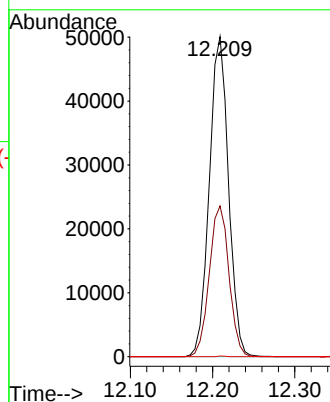
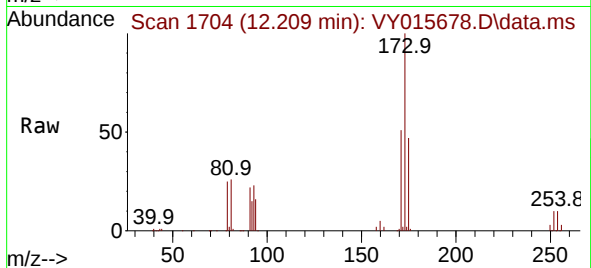
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 81263

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.8
254	0.1	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

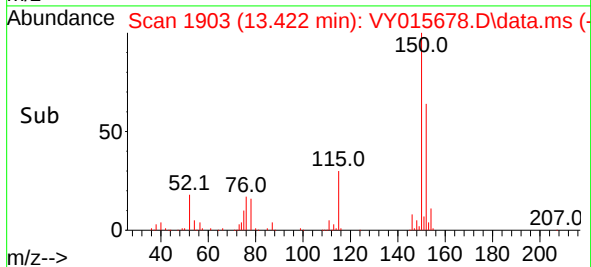
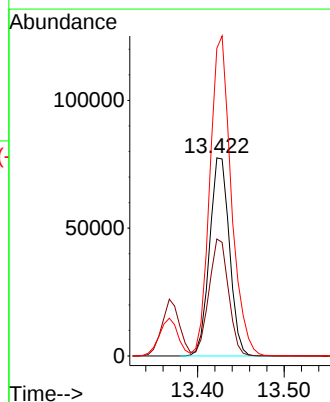
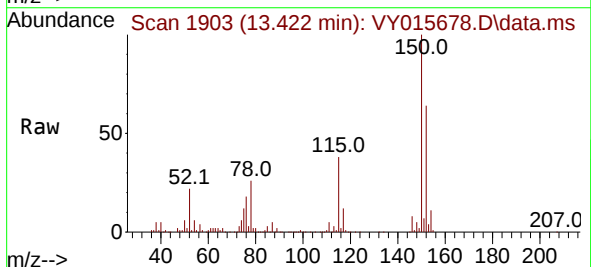
Delta R.T. 0.000 min

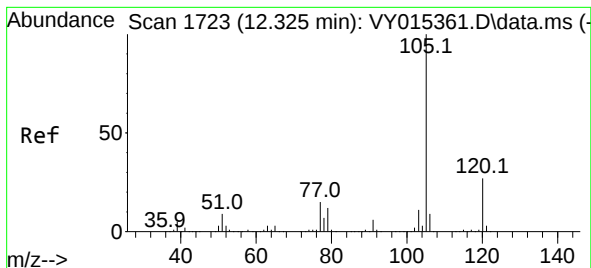
Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Tgt Ion:152 Resp: 123598

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.8	86.5
150	173.7	0.0	348.8





#73

Isopropylbenzene

Concen: 49.432 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

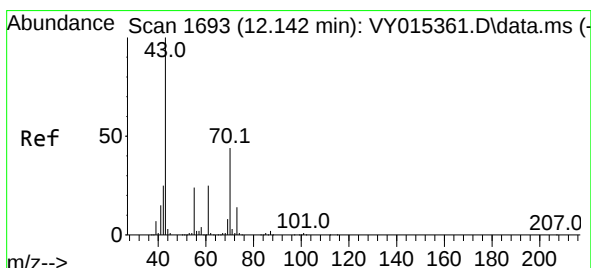
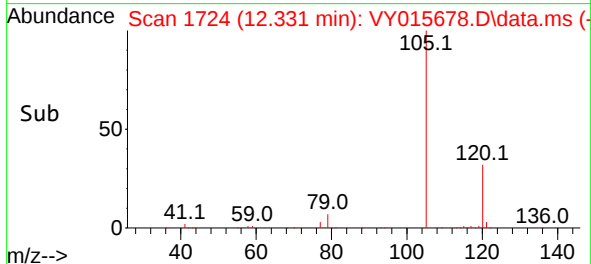
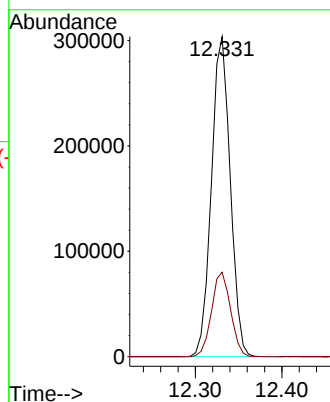
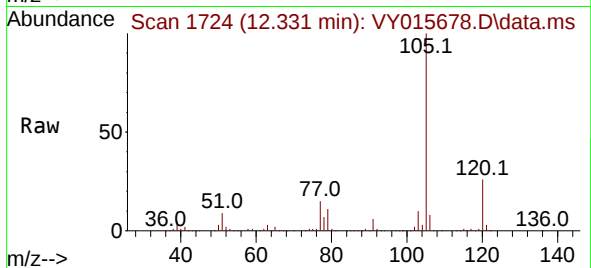
ClientSampleId :

Tgt Ion:105 Resp: 458328

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-amy1 acetate

Concen: 48.295 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Tgt Ion: 43 Resp: 168301

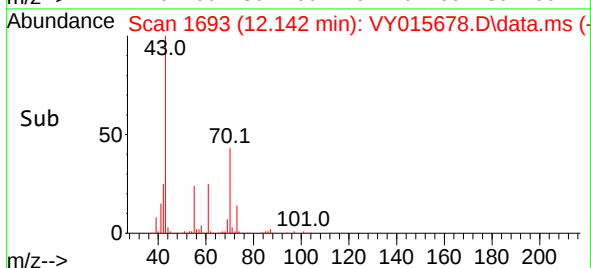
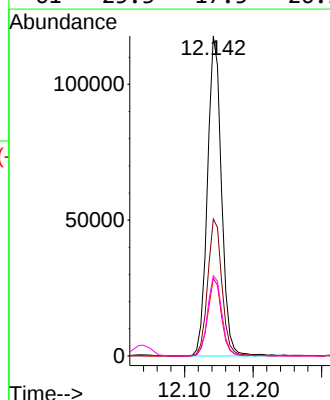
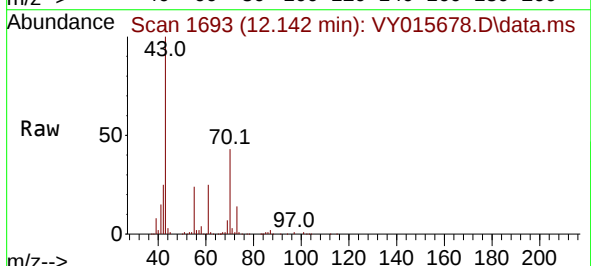
Ion Ratio Lower Upper

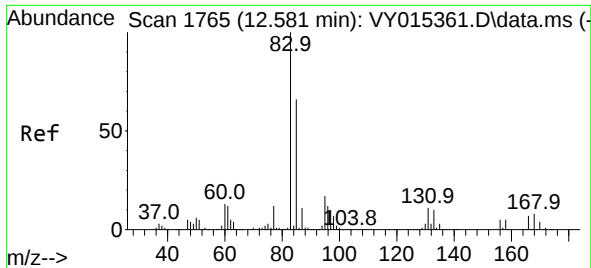
43 100

70 43.5 29.7 44.5

55 24.0 18.3 27.5

61 25.3 17.5 26.3

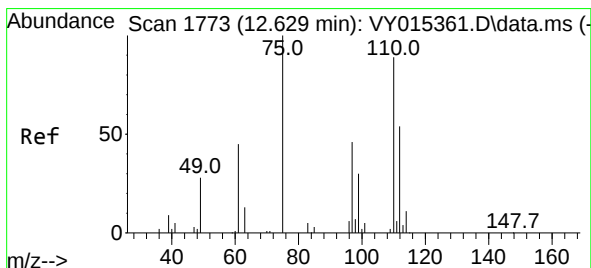
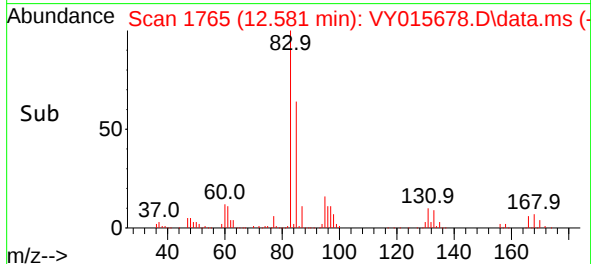
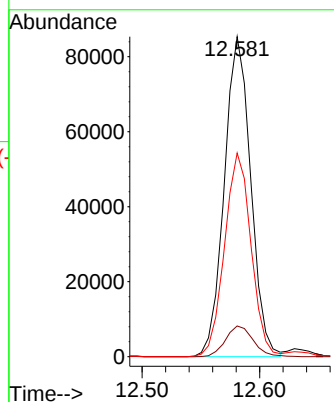
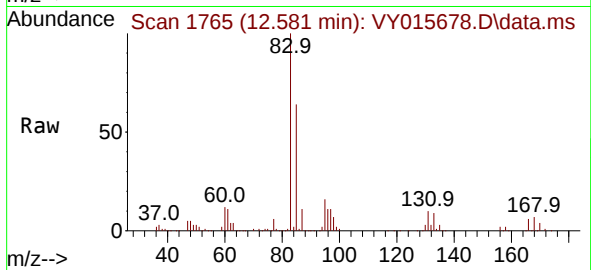




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.716 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY015678.D
 Acq: 21 Sep 2023 18:19

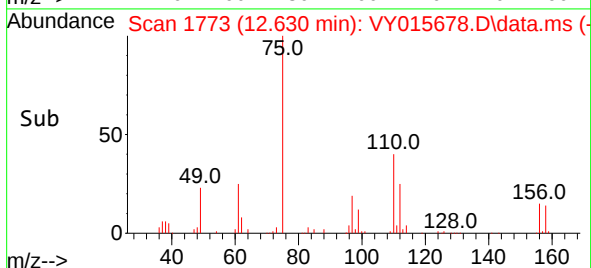
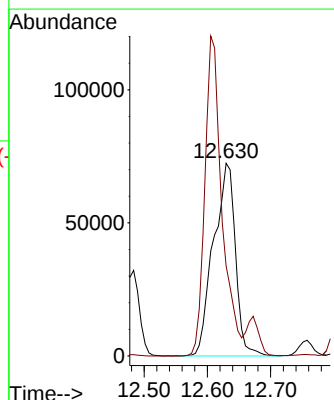
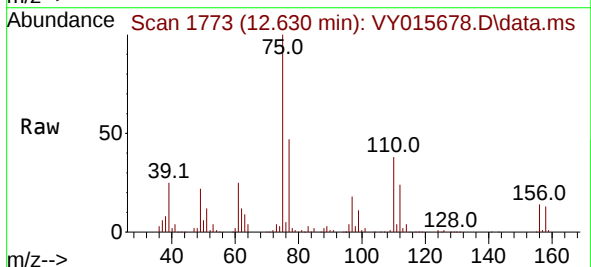
Instrument :
 MSVOA_Y
 ClientSampleId :

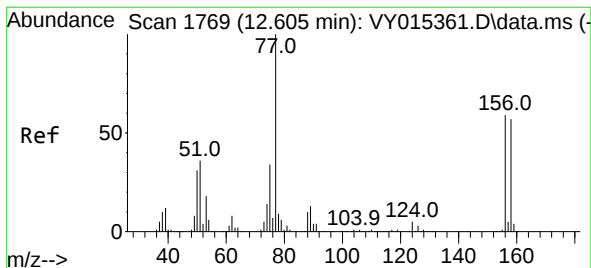
Tgt Ion: 83 Resp: 133452
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.4 16.2
 85 63.7 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 88.280 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.001 min
 Lab File: VY015678.D
 Acq: 21 Sep 2023 18:19

Tgt Ion: 75 Resp: 174071
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.356 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

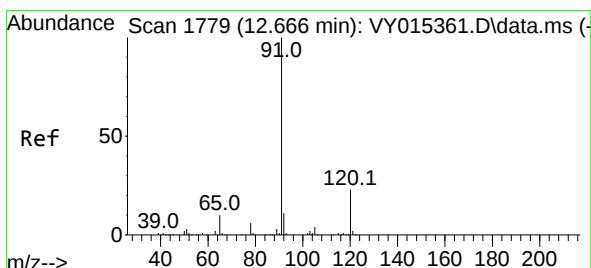
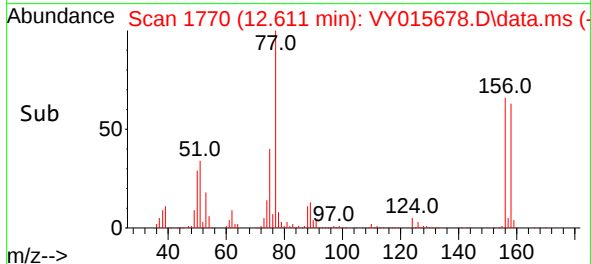
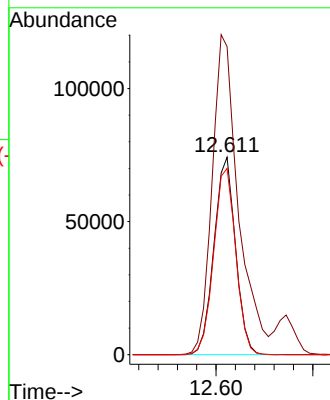
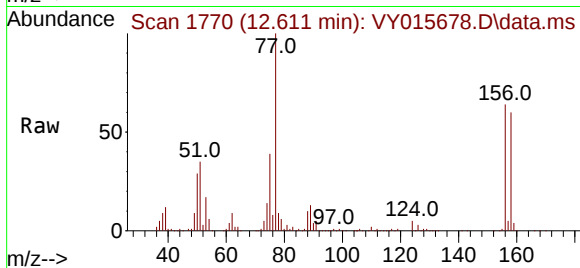
Tgt Ion:156 Resp: 114609

Ion Ratio Lower Upper

156 100

77 197.1 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 48.372 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015678.D

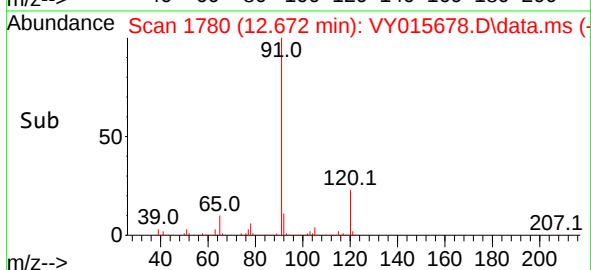
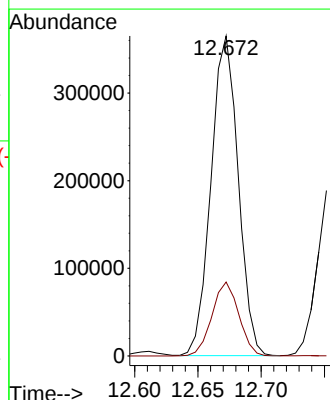
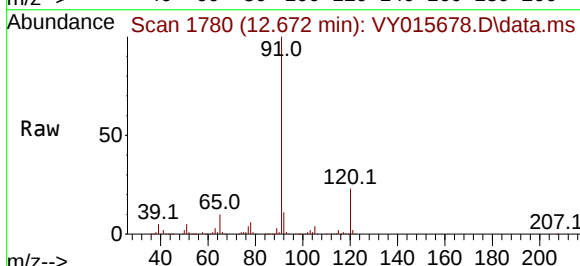
Acq: 21 Sep 2023 18:19

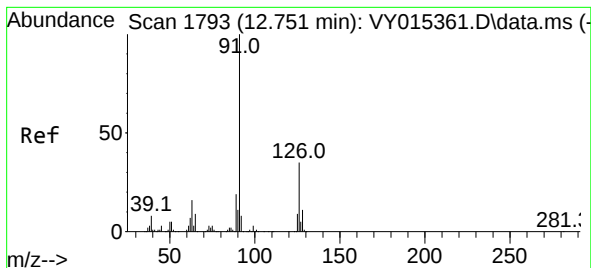
Tgt Ion: 91 Resp: 544866

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

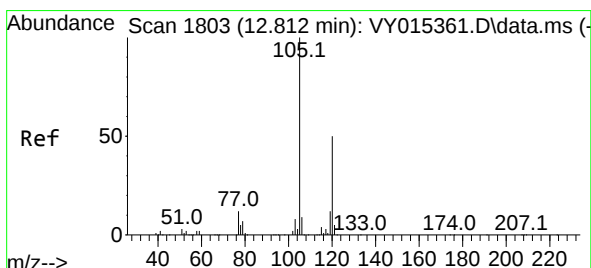
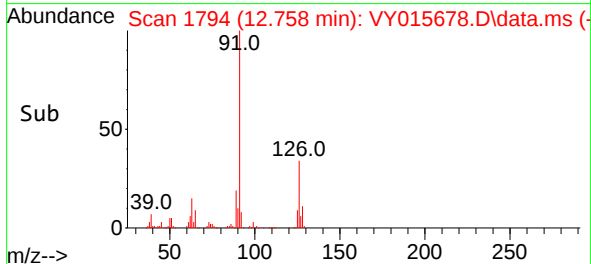
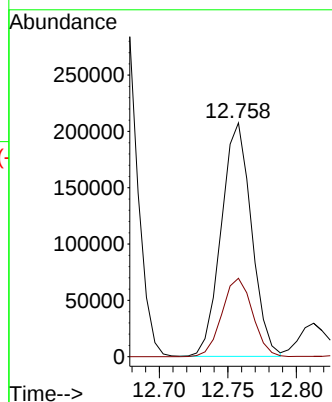
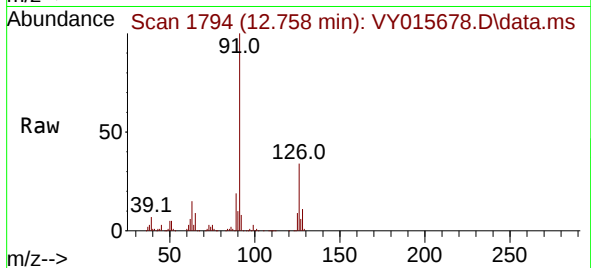




#79
2-Chlorotoluene
Concen: 49.667 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.007 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

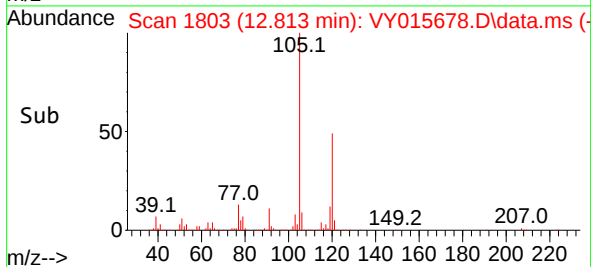
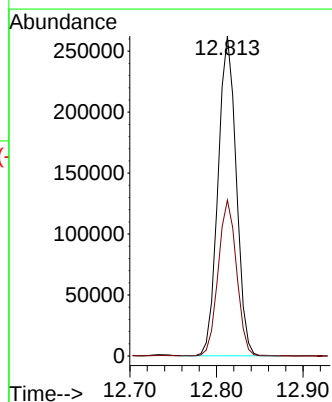
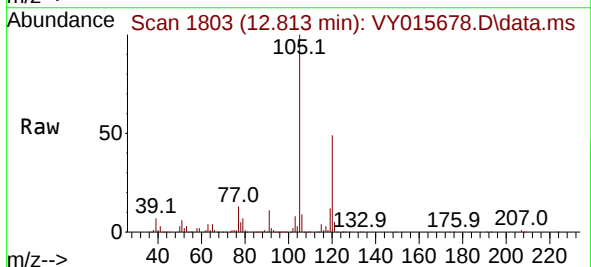
Instrument :
MSVOA_Y
ClientSampleId :

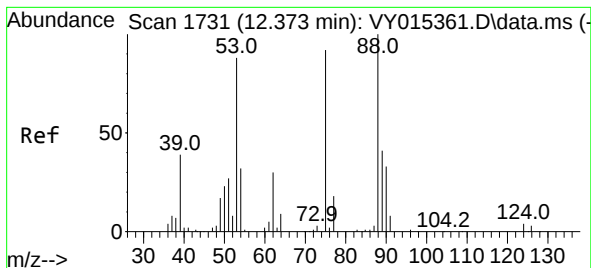
Tgt Ion: 91 Resp: 318900
Ion Ratio Lower Upper
91 100
126 34.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.403 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion: 105 Resp: 383479
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

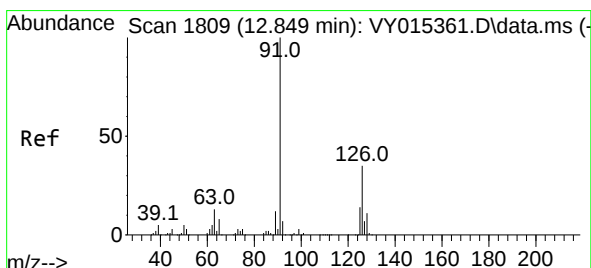
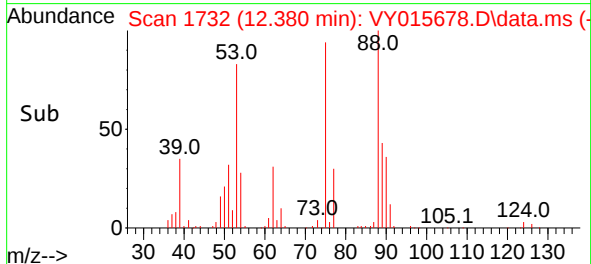
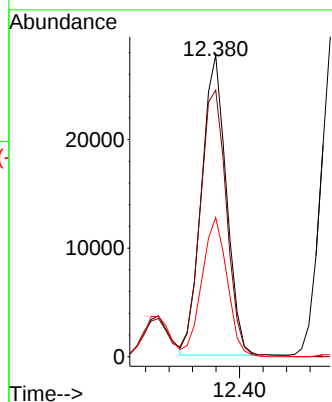
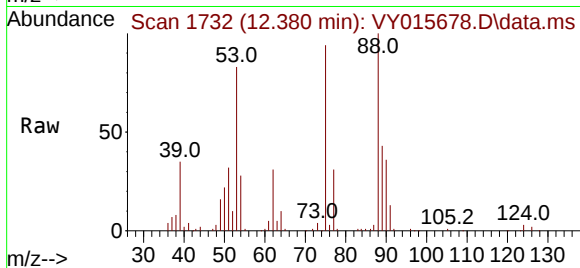




#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.367 ug/l
 RT: 12.380 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY015678.D
 Acq: 21 Sep 2023 18:19

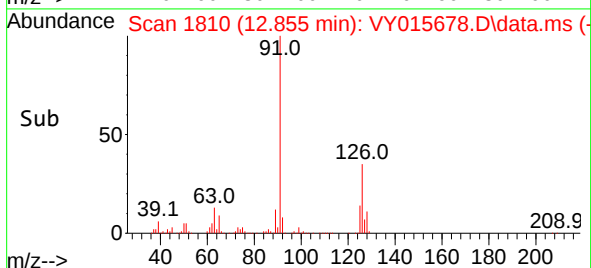
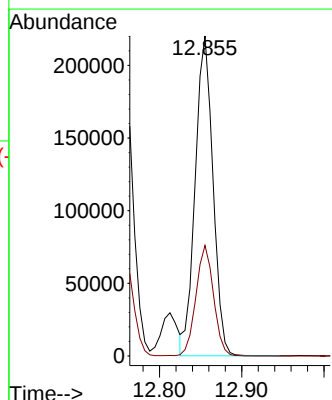
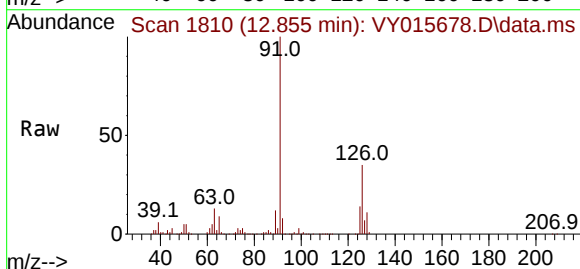
Instrument :
 MSVOA_Y
 ClientSampleId :

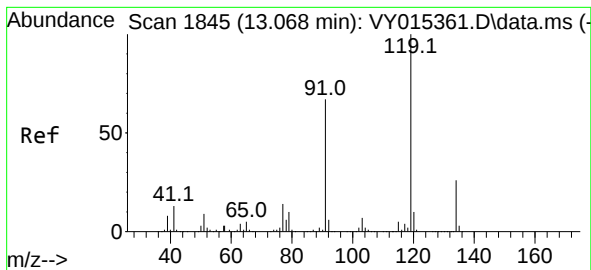
Tgt Ion: 75 Resp: 40600
 Ion Ratio Lower Upper
 75 100
 53 94.6 77.8 116.8
 89 47.2 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 49.153 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.006 min
 Lab File: VY015678.D
 Acq: 21 Sep 2023 18:19

Tgt Ion: 91 Resp: 329467
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.941 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

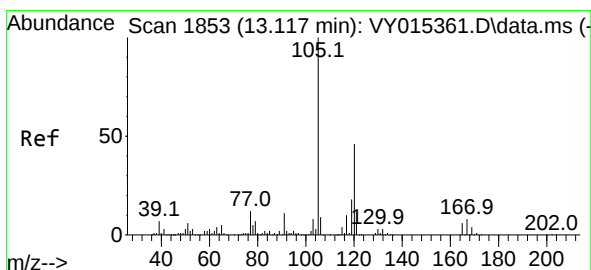
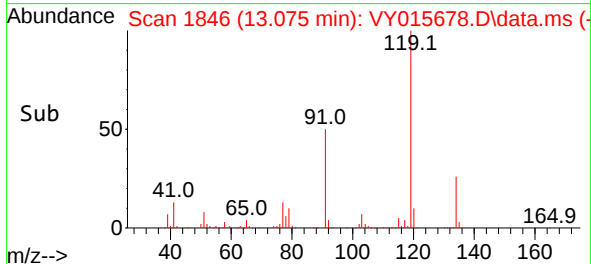
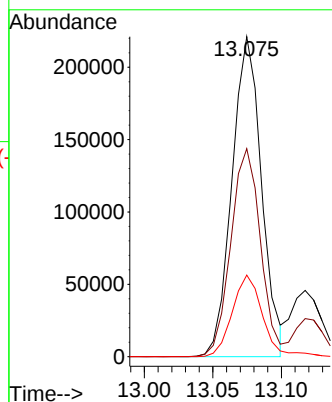
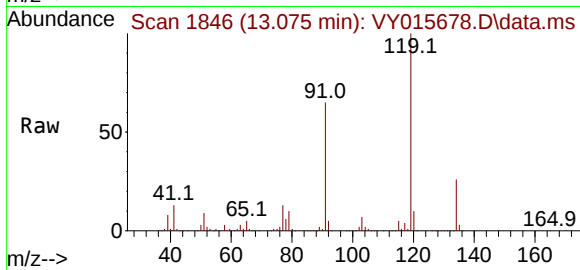
Tgt Ion:119 Resp: 332721

Ion Ratio Lower Upper

119 100

91 65.1 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.634 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015678.D

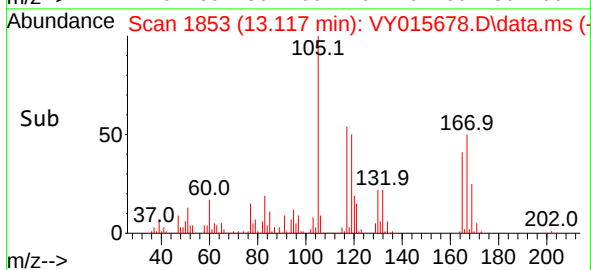
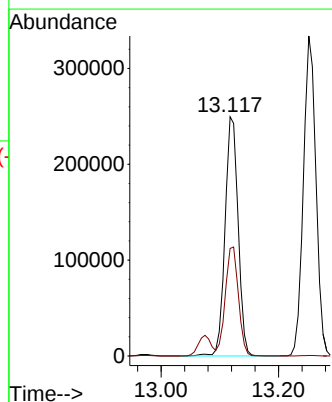
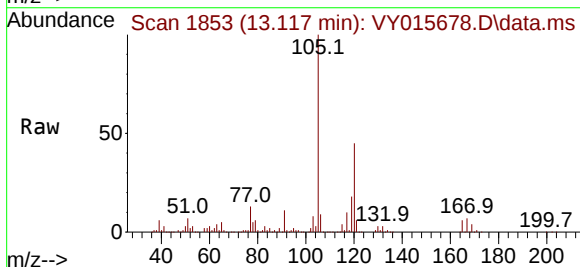
Acq: 21 Sep 2023 18:19

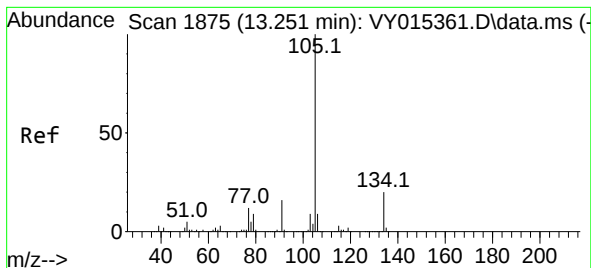
Tgt Ion:105 Resp: 385489

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.459 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

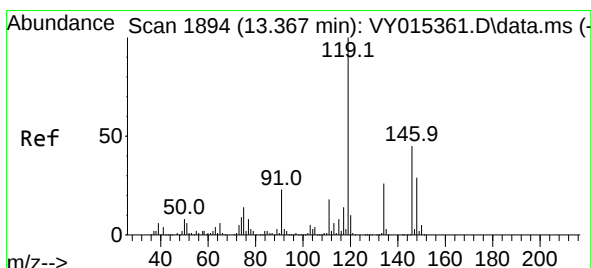
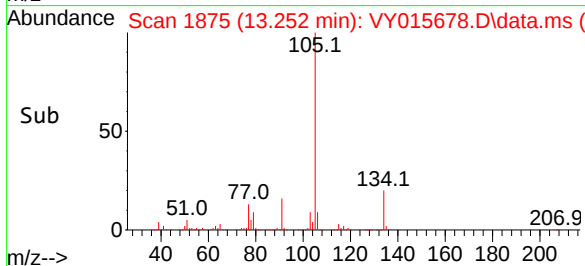
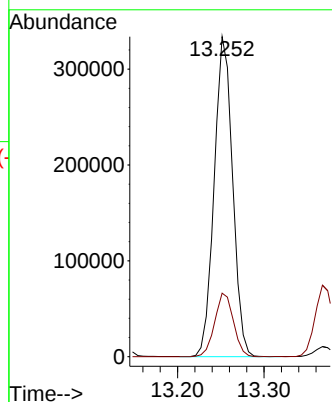
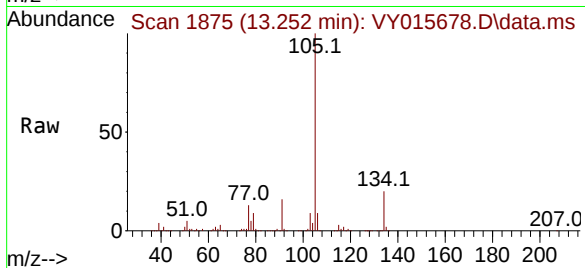
ClientSampleId :

Tgt Ion:105 Resp: 493023

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.047 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

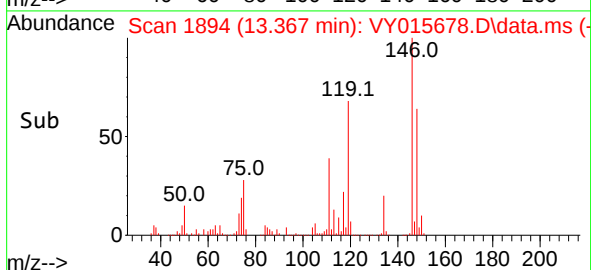
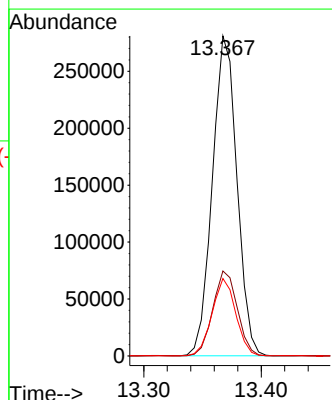
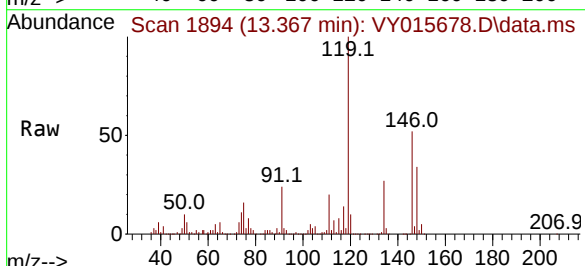
Tgt Ion:119 Resp: 408336

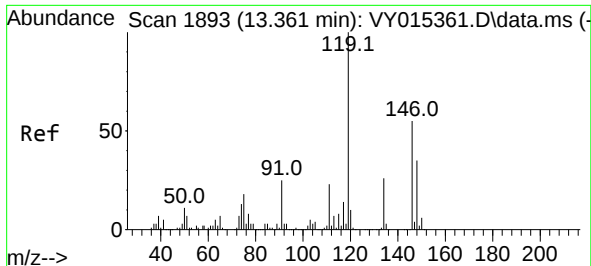
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.3 12.4 37.4

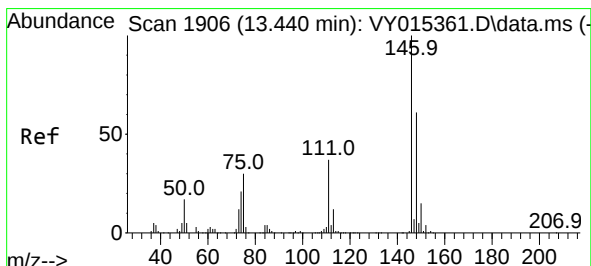
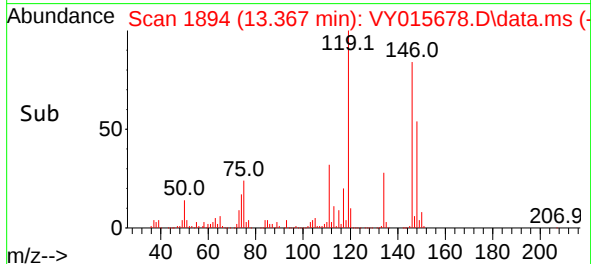
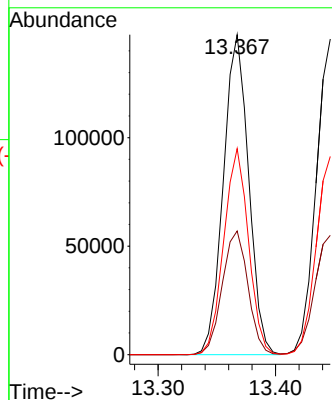
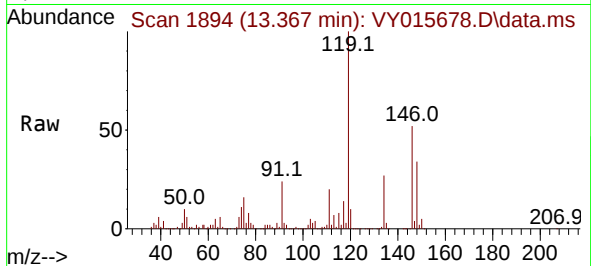




#87
1,3-Dichlorobenzene
Concen: 48.811 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

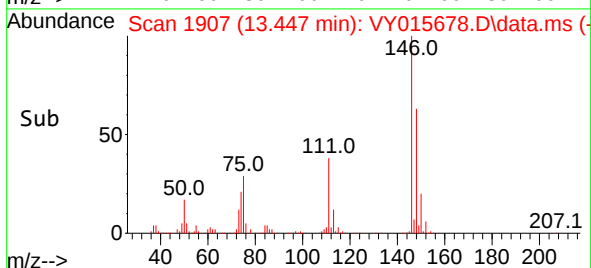
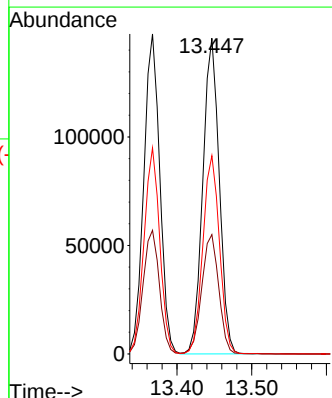
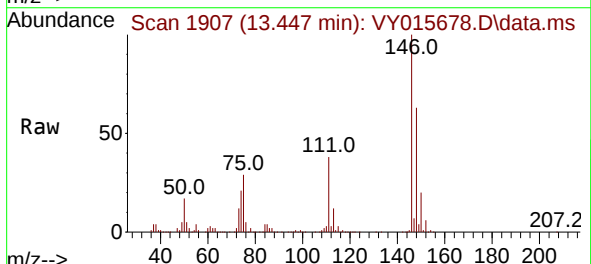
Instrument :
MSVOA_Y
ClientSampleId :

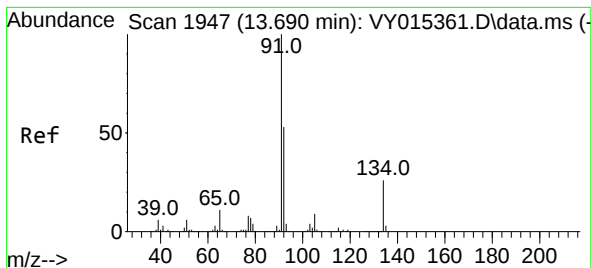
Tgt Ion:146 Resp: 220394
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.2
148 63.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 49.155 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion:146 Resp: 221973
Ion Ratio Lower Upper
146 100
111 38.9 18.9 56.7
148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 46.186 ug/l

RT: 13.697 min Scan# 1947

Delta R.T. 0.001 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

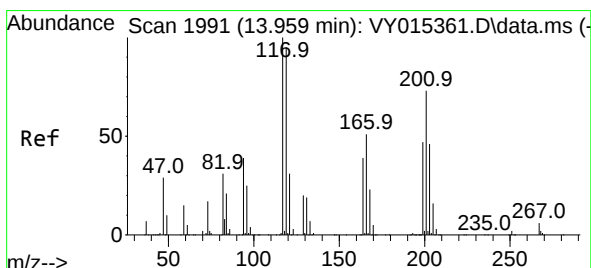
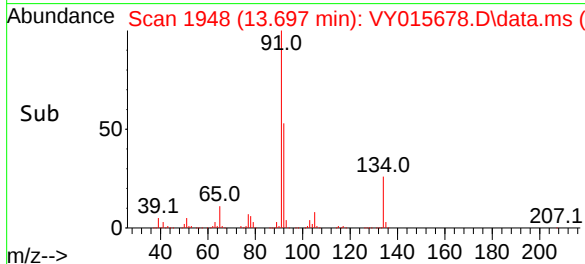
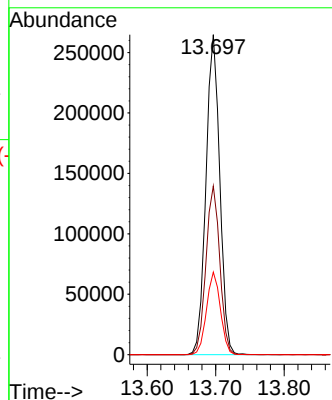
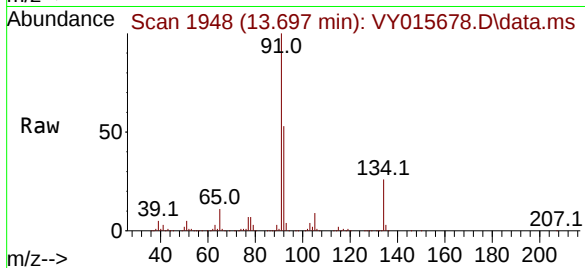
Tgt Ion: 91 Resp: 371681

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 49.013 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015678.D

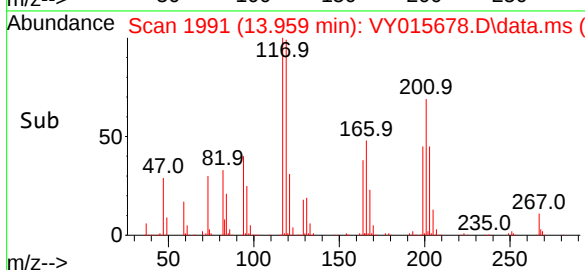
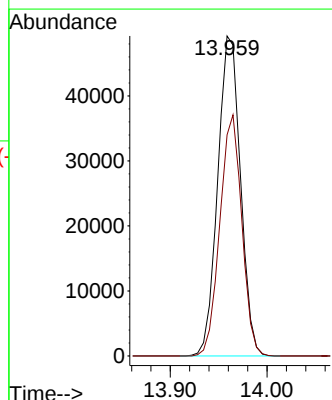
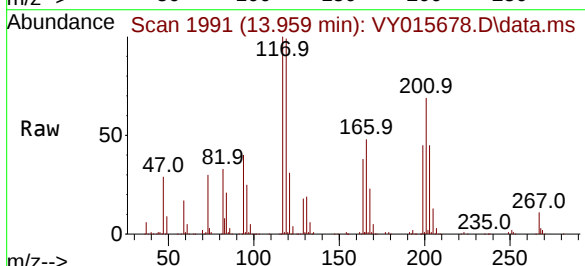
Acq: 21 Sep 2023 18:19

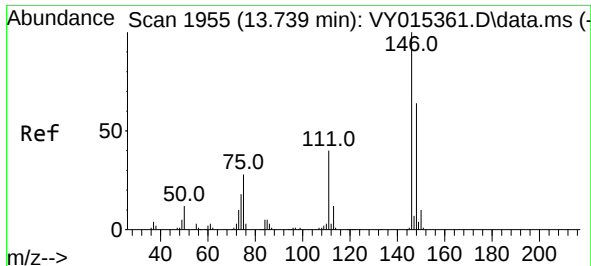
Tgt Ion: 117 Resp: 80391

Ion Ratio Lower Upper

117 100

201 72.5 41.6 124.8

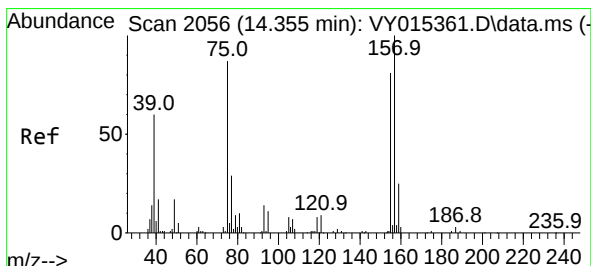
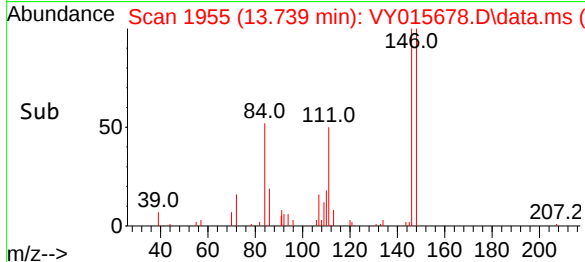
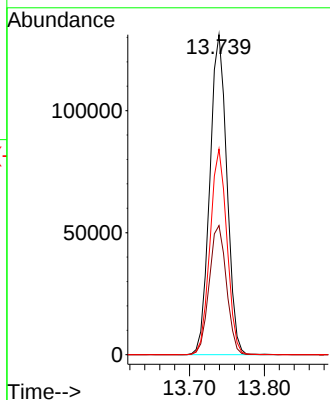
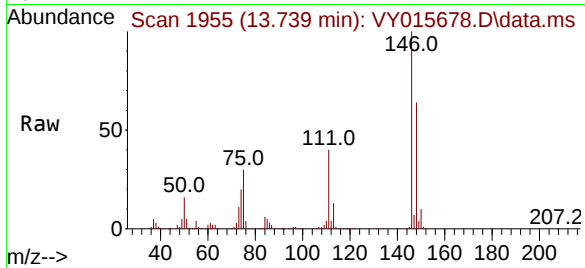




#91
1,2-Dichlorobenzene
Concen: 49.983 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

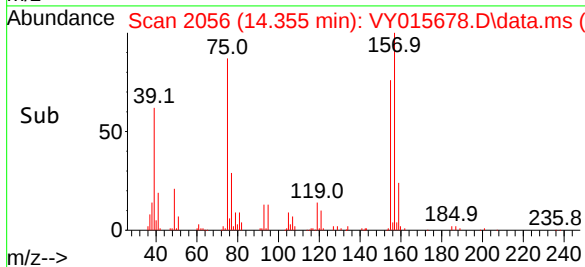
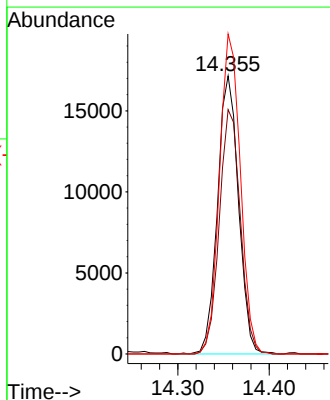
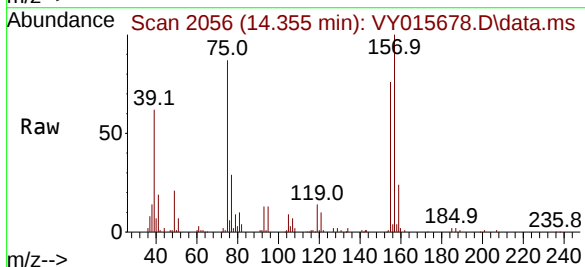
Instrument :
MSVOA_Y
ClientSampleId :

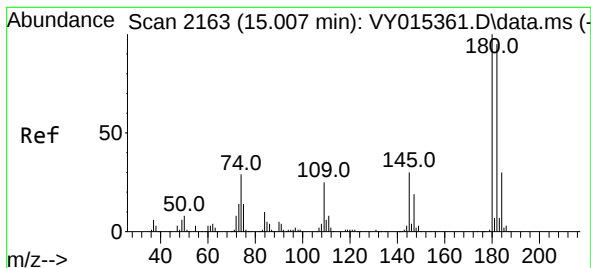
Tgt Ion:146 Resp: 208334
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.434 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015678.D
Acq: 21 Sep 2023 18:19

Tgt Ion: 75 Resp: 27385
Ion Ratio Lower Upper
75 100
155 87.9 41.5 124.6
157 114.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 45.509 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

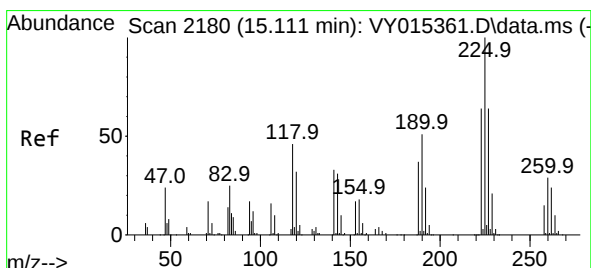
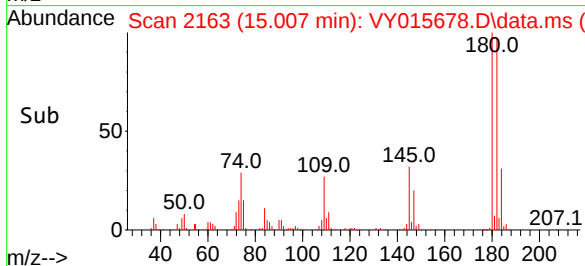
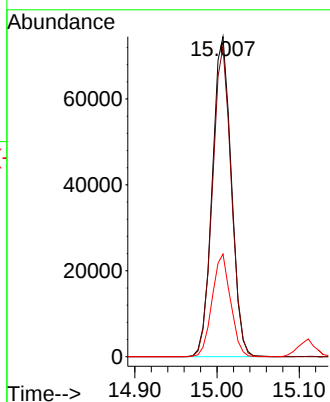
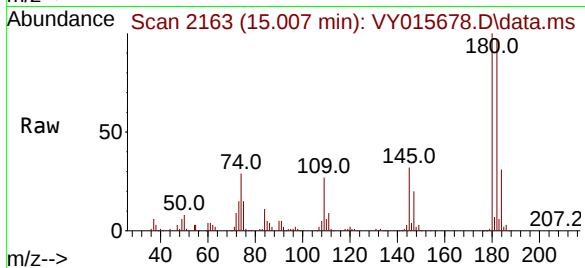
Tgt Ion:180 Resp: 119417

Ion Ratio Lower Upper

180 100

182 96.0 47.0 141.2

145 31.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 45.419 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

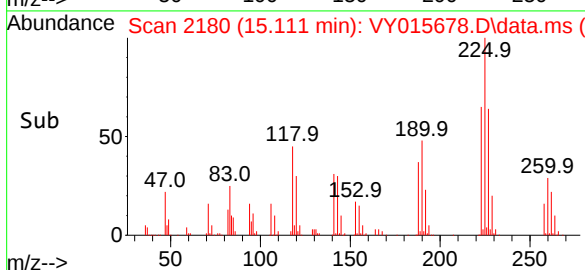
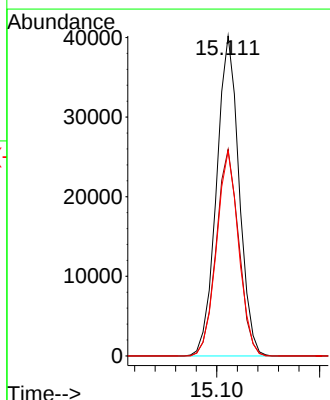
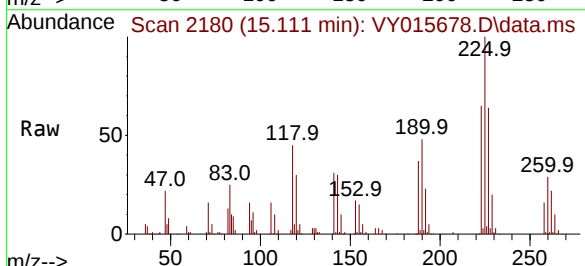
Tgt Ion:225 Resp: 61033

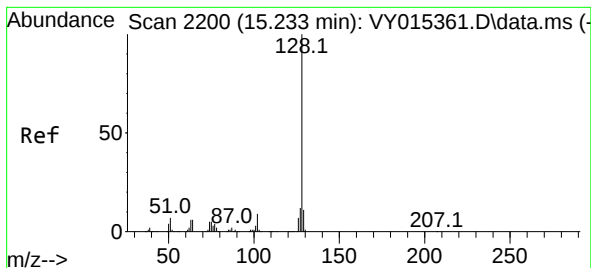
Ion Ratio Lower Upper

225 100

223 64.3 31.9 95.9

227 62.9 33.0 98.9





#95

Naphthalene

Concen: 51.925 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

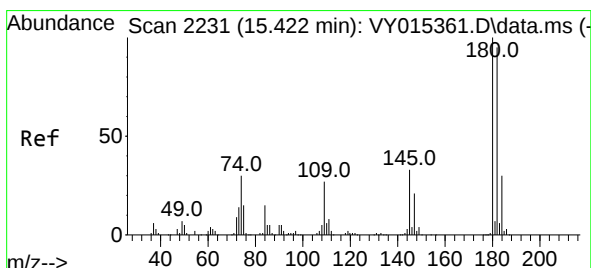
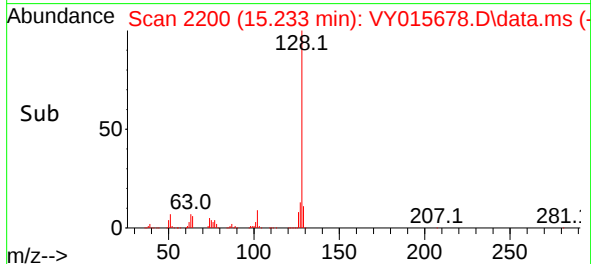
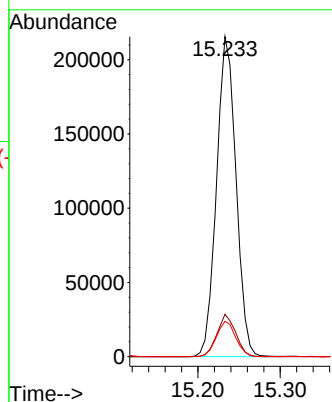
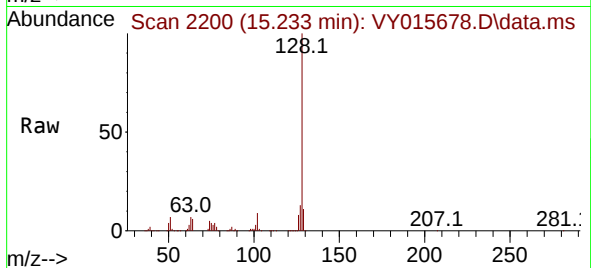
Tgt Ion:128 Resp: 355280

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.158 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Tgt Ion:180 Resp: 116634

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.8

145 32.5 15.4 46.2

