

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015163.D
 Acq On : 17 Aug 2023 11:43
 Operator : SY/MD
 Sample : VY0817SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 00:50:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	183574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	298934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116209	52.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.480%	
35) Dibromofluoromethane	7.716	113	103205	53.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.320%	
50) Toluene-d8	10.179	98	377920	52.789	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.580%	
62) 4-Bromofluorobenzene	12.477	95	133024	50.873	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.740%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	18616	20.737	ug/l	98
3) Chloromethane	2.107	50	23057	18.636	ug/l	99
4) Vinyl Chloride	2.247	62	28388	19.434	ug/l	97
5) Bromomethane	2.619	94	23794	21.153	ug/l	95
6) Chloroethane	2.778	64	21877	20.628	ug/l	99
7) Trichlorofluoromethane	3.113	101	51150	20.781	ug/l	100
8) Diethyl Ether	3.521	74	19876	20.590	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	31758	20.760	ug/l	96
10) Methyl Iodide	4.076	142	23844	15.874	ug/l	98
11) Tert butyl alcohol	4.942	59	61424	163.712	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	24946	19.529	ug/l	93
13) Acrolein	3.723	56	22604	137.562	ug/l	98
14) Allyl chloride	4.466	41	42923	18.953	ug/l	95
15) Acrylonitrile	5.155	53	70884	108.355	ug/l	98
16) Acetone	3.942	43	79507	110.443	ug/l	96
17) Carbon Disulfide	4.180	76	38853	17.283	ug/l	100
18) Methyl Acetate	4.466	43	54629	20.708	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	107731	19.835	ug/l	99
20) Methylene Chloride	4.704	84	42013	21.914	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	28448	19.744	ug/l	96
22) Diisopropyl ether	6.112	45	116630	20.638	ug/l	94
23) Vinyl Acetate	6.051	43	334470	99.190	ug/l	95
24) 1,1-Dichloroethane	6.009	63	63338	20.702	ug/l	96
25) 2-Butanone	6.978	43	111850	109.733	ug/l	97
26) 2,2-Dichloropropane	6.978	77	57556	19.515	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	39542	20.090	ug/l	98
28) Bromochloromethane	7.326	49	31065	22.100	ug/l	97
29) Tetrahydrofuran	7.344	42	63170	103.646	ug/l	94
30) Chloroform	7.502	83	71664	20.895	ug/l	99
31) Cyclohexane	7.777	56	41425	19.488	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	59233	20.295	ug/l	99
36) 1,1-Dichloropropene	7.911	75	43291	20.347	ug/l	99
37) Ethyl Acetate	7.069	43	40550	20.447	ug/l	96
38) Carbon Tetrachloride	7.893	117	50583	20.088	ug/l	99
39) Methylcyclohexane	9.179	83	46918	19.671	ug/l	94
40) Benzene	8.155	78	131767	20.485	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	19375	18.946	ug/l	98
42) 1,2-Dichloroethane	8.234	62	47539	20.349	ug/l	95
43) Isopropyl Acetate	8.271	43	74472	20.621	ug/l	99
44) Trichloroethene	8.935	130	38740	20.905	ug/l	98
45) 1,2-Dichloropropane	9.209	63	37580	20.718	ug/l	99
46) Dibromomethane	9.301	93	23837	20.836	ug/l	95
47) Bromodichloromethane	9.496	83	57619	21.106	ug/l	98
48) Methyl methacrylate	9.289	41	31728	20.537	ug/l	94
49) 1,4-Dioxane	9.295	88	9033	394.860	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	221088	105.628	ug/l	95
52) Toluene	10.240	92	84836	20.010	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	56088	19.550	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	60286	19.952	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	35830	20.598	ug/l	97
56) Ethyl methacrylate	10.508	69	49578	19.475	ug/l	93
57) 1,3-Dichloropropane	10.788	76	58852	20.708	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	123014	103.833	ug/l	95
59) 2-Hexanone	10.831	43	165372	106.753	ug/l	94
60) Dibromochloromethane	10.983	129	42173	20.324	ug/l	100
61) 1,2-Dibromoethane	11.087	107	33341	20.176	ug/l	100
64) Tetrachloroethene	10.715	164	40220	21.197	ug/l	96
65) Chlorobenzene	11.514	112	100432	20.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	40285	20.008	ug/l	98
67) Ethyl Benzene	11.593	91	172832	19.879	ug/l	99
68) m/p-Xylenes	11.703	106	132597	40.156	ug/l	95
69) o-Xylene	12.026	106	64803	19.700	ug/l	99
70) Styrene	12.044	104	114795	20.163	ug/l	97
71) Bromoform	12.209	173	28109	19.259	ug/l #	99
73) Isopropylbenzene	12.331	105	177971	20.012	ug/l	99
74) N-amyl acetate	12.142	43	63695	19.837	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	46774	20.194	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	60911	36.251	ug/l #	100
77) Bromobenzene	12.605	156	43652	20.137	ug/l	98
78) n-propylbenzene	12.672	91	212575	20.129	ug/l	99
79) 2-Chlorotoluene	12.758	91	121919	20.012	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	147457	19.891	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	14218	18.586	ug/l	99
82) 4-Chlorotoluene	12.855	91	124917	19.847	ug/l	100
83) tert-Butylbenzene	13.075	119	135173	19.935	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	148298	20.020	ug/l	99
85) sec-Butylbenzene	13.251	105	199320	20.063	ug/l	100
86) p-Isopropyltoluene	13.367	119	165769	20.125	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	87128	20.264	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	87931	20.390	ug/l	97
89) n-Butylbenzene	13.696	91	157347	20.260	ug/l	97
90) Hexachloroethane	13.959	117	31749	19.429	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	82003	20.416	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8893	19.820	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	51361	19.918	ug/l	99
94) Hexachlorobutadiene	15.111	225	27973	19.943	ug/l	99
95) Naphthalene	15.233	128	121572	18.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46926	20.150	ug/l	99

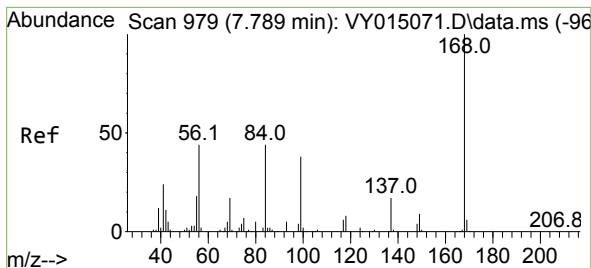
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

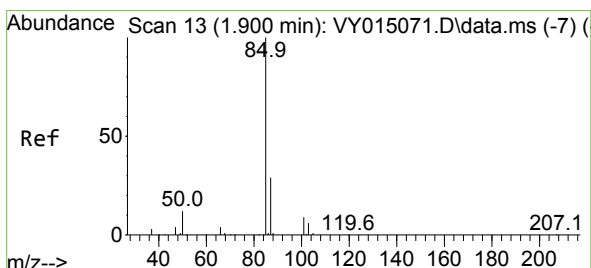
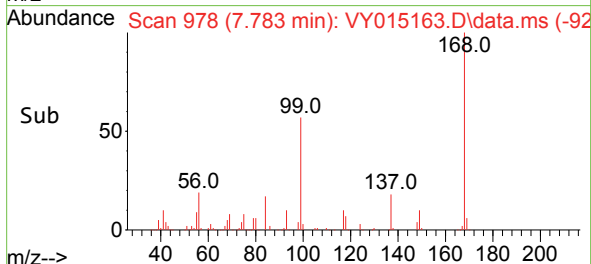
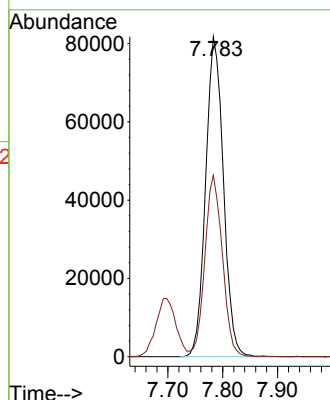
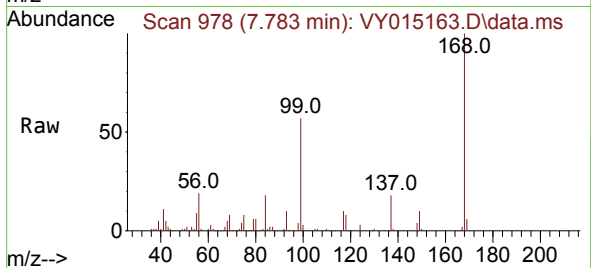
ClientSampleId :

Tgt Ion:168 Resp: 183574

Ion Ratio Lower Upper

168 100

99 56.7 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 20.737 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY015163.D

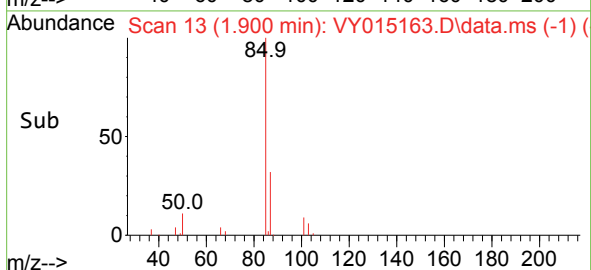
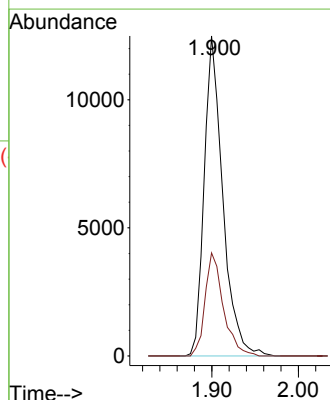
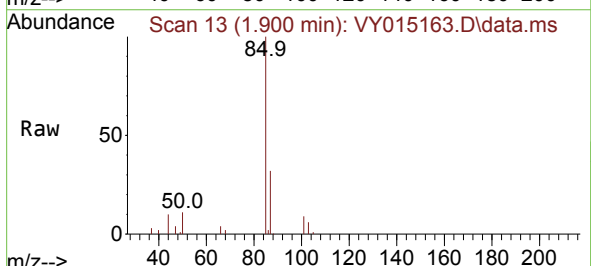
Acq: 17 Aug 2023 11:43

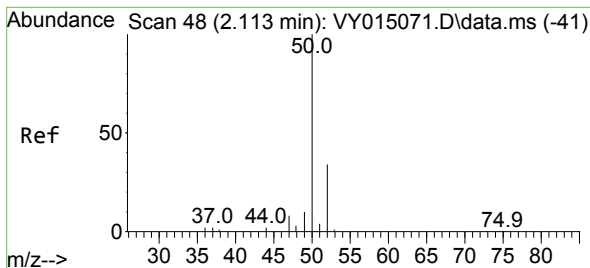
Tgt Ion: 85 Resp: 18616

Ion Ratio Lower Upper

85 100

87 32.2 15.6 46.8





#3

Chloromethane

Concen: 18.636 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

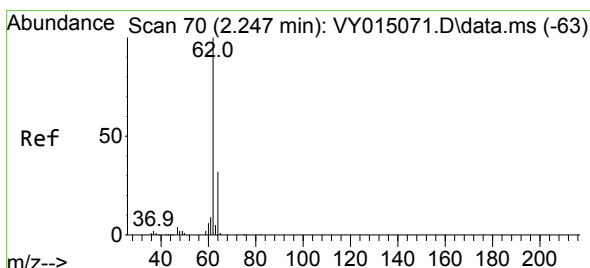
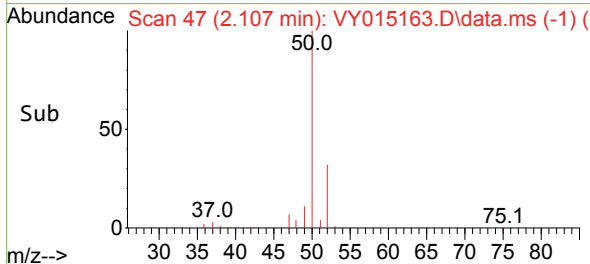
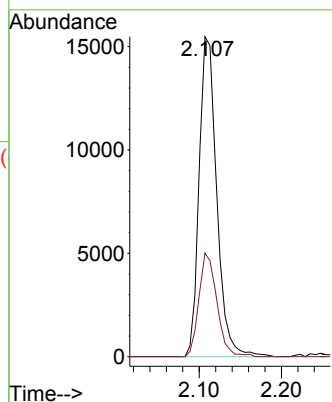
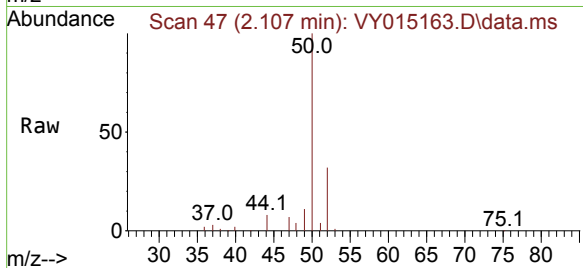
ClientSampleId :

Tgt Ion: 50 Resp: 23057

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.2



#4

Vinyl Chloride

Concen: 19.434 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015163.D

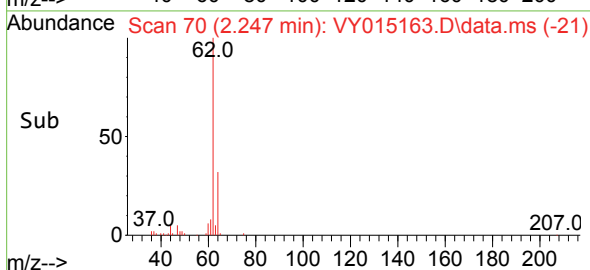
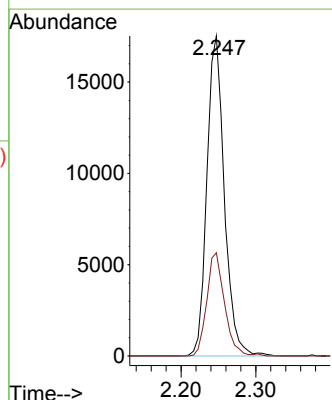
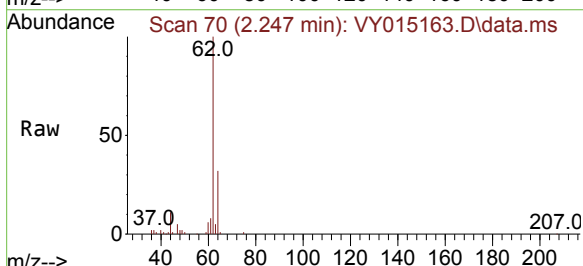
Acq: 17 Aug 2023 11:43

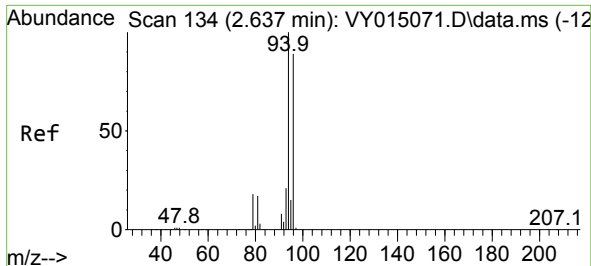
Tgt Ion: 62 Resp: 28388

Ion Ratio Lower Upper

62 100

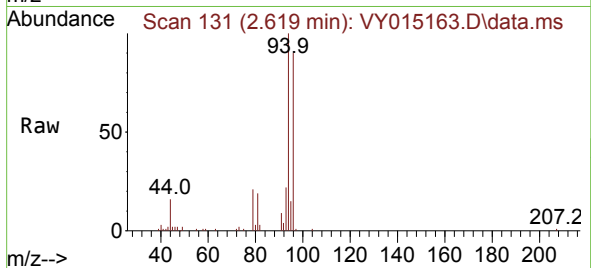
64 32.2 24.3 36.5



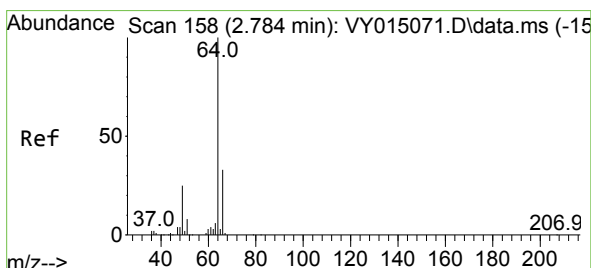
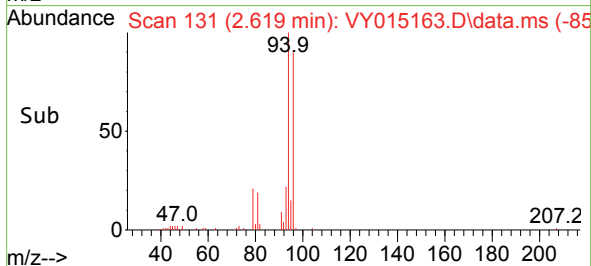
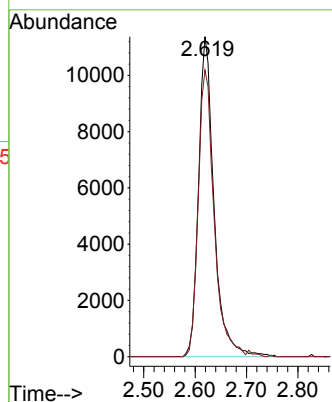


#5
Bromomethane
Concen: 21.153 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

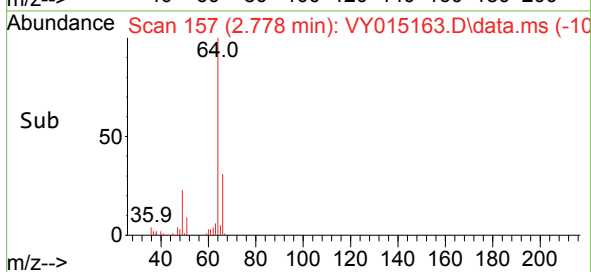
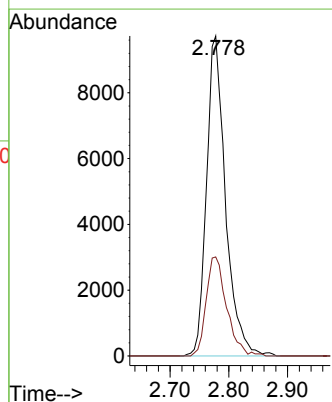
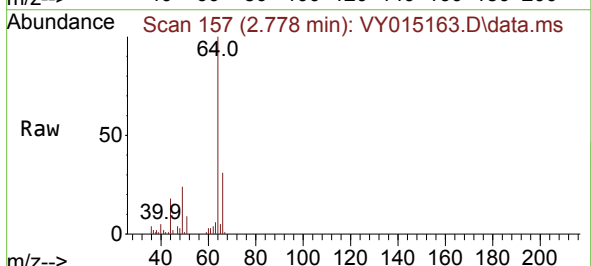


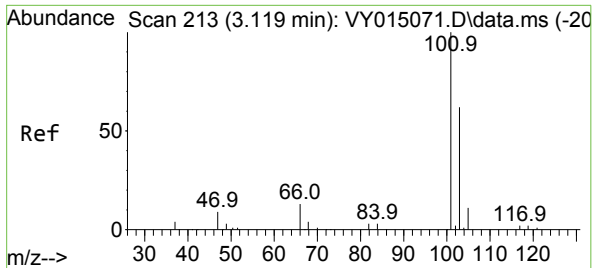
Tgt Ion: 94 Resp: 23794
Ion Ratio Lower Upper
94 100
96 89.6 75.8 113.6



#6
Chloroethane
Concen: 20.628 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

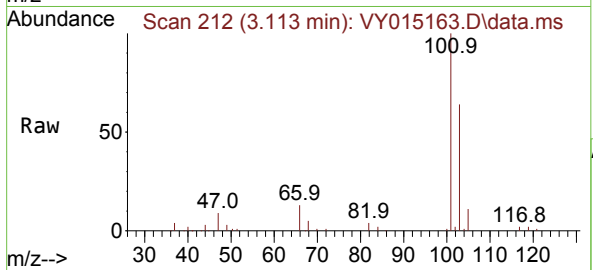
Tgt Ion: 64 Resp: 21877
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6



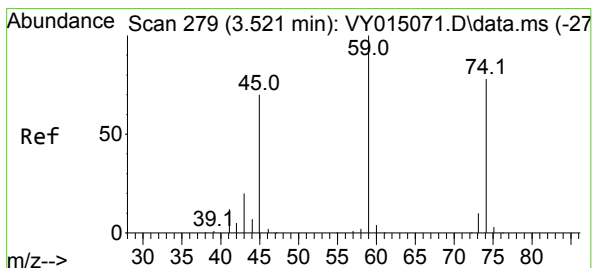
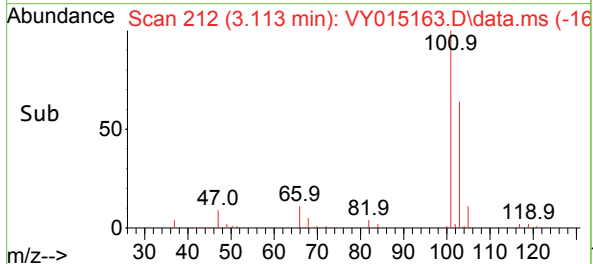
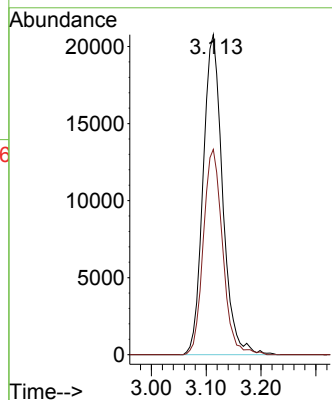


#7
 Trichlorofluoromethane
 Concen: 20.781 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY015163.D
 Acq: 17 Aug 2023 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :

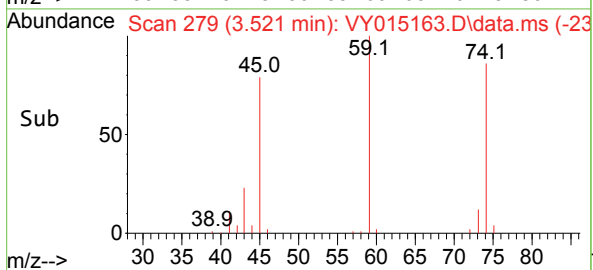
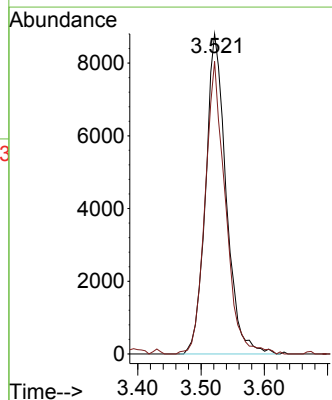
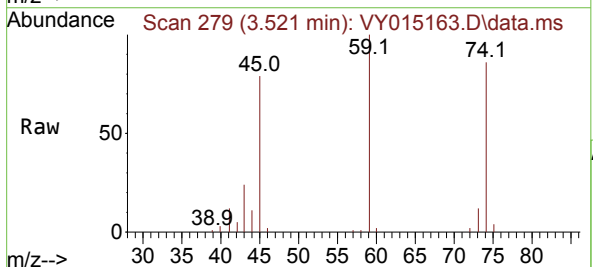


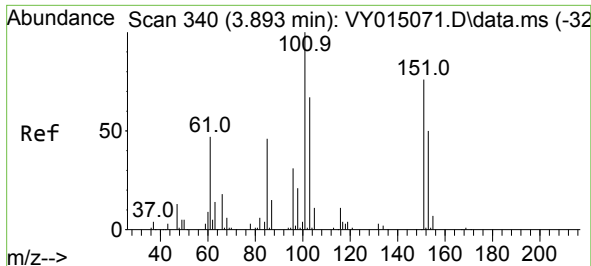
Tgt Ion:101 Resp: 51150
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.590 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY015163.D
 Acq: 17 Aug 2023 11:43

Tgt Ion: 74 Resp: 19876
 Ion Ratio Lower Upper
 74 100
 45 90.4 51.5 154.5

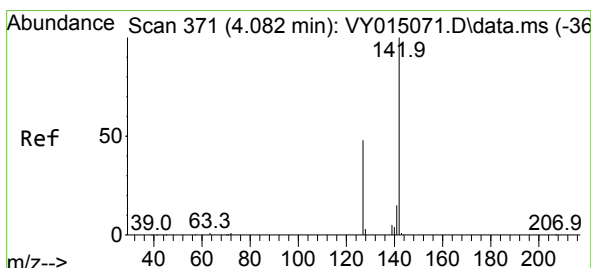
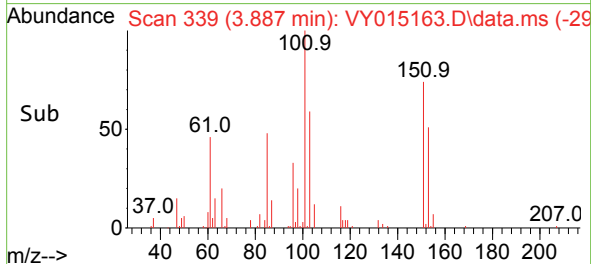
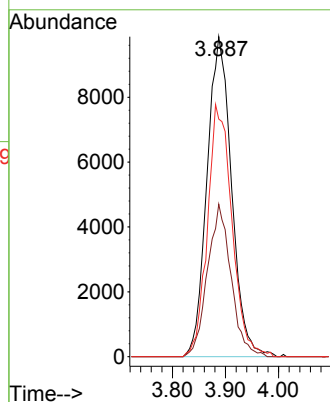
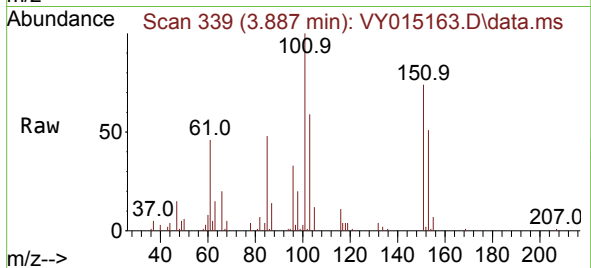




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.760 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY015163.D
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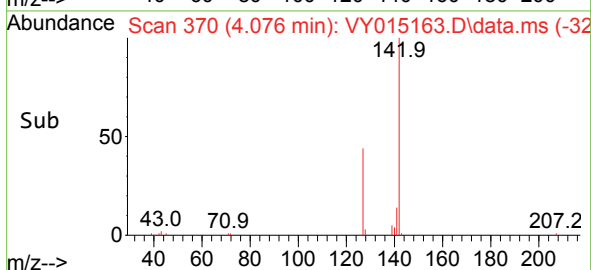
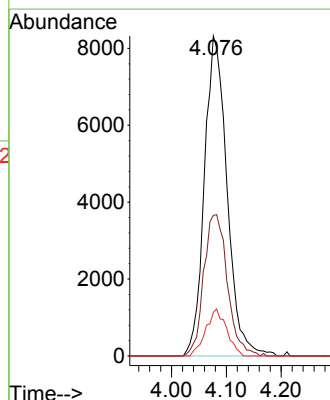
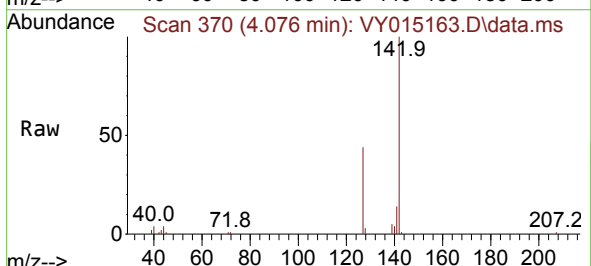
Instrument :
MSVOA_Y
ClientSampleId :

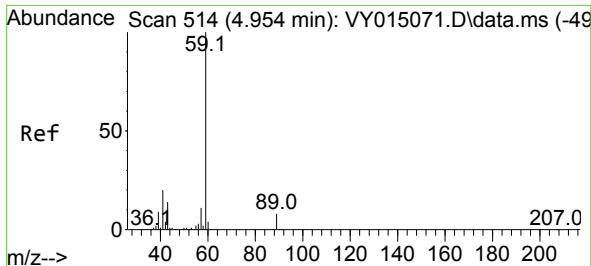
Tgt Ion:101 Resp: 31758
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 78.5 67.0 100.6



#10
Methyl Iodide
Concen: 15.874 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

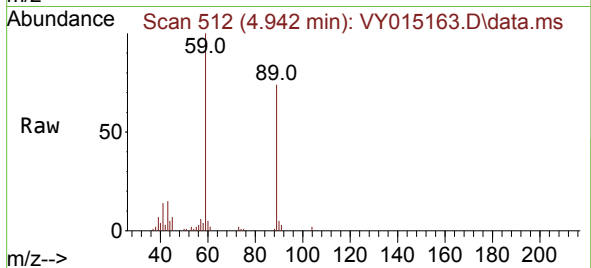
Tgt Ion:142 Resp: 23844
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 13.5 11.8 17.8



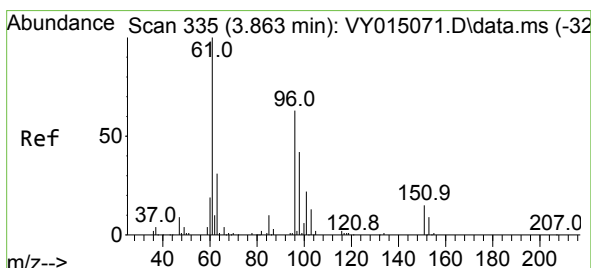
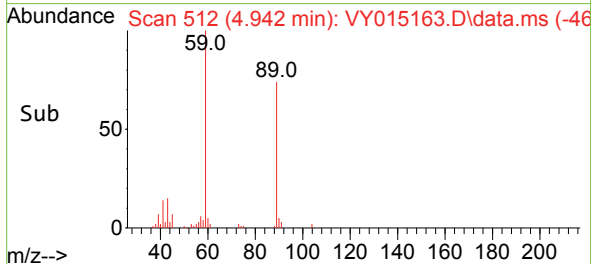
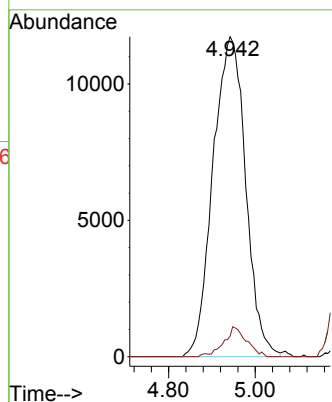


#11
Tert butyl alcohol
Concen: 163.712 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

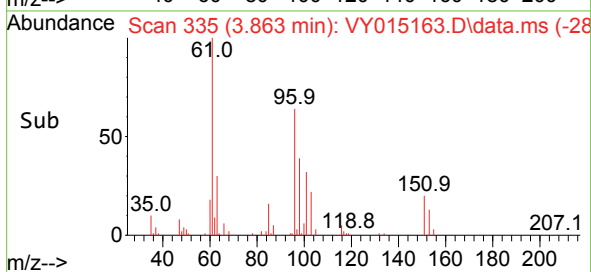
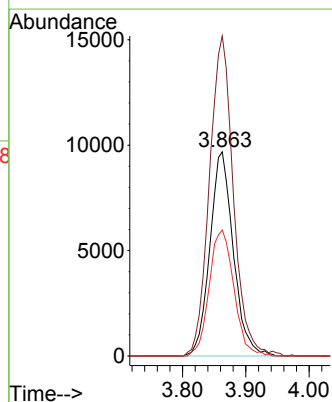
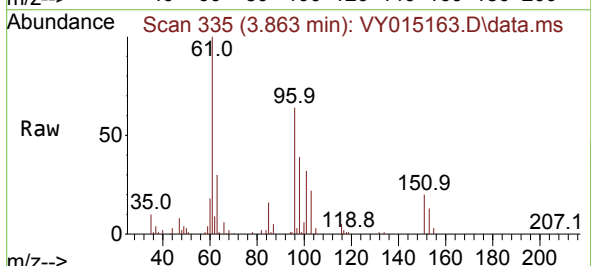


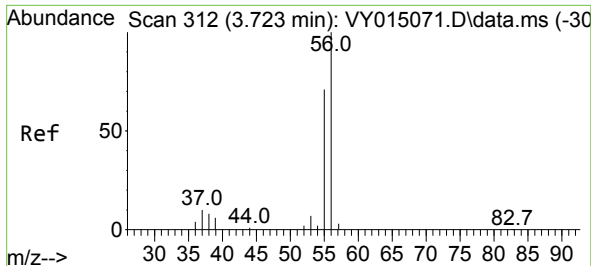
Tgt Ion: 59 Resp: 61424
Ion Ratio Lower Upper
59 100
57 6.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.529 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 96 Resp: 24946
Ion Ratio Lower Upper
96 100
61 156.7 136.4 204.6
98 61.6 49.4 74.2

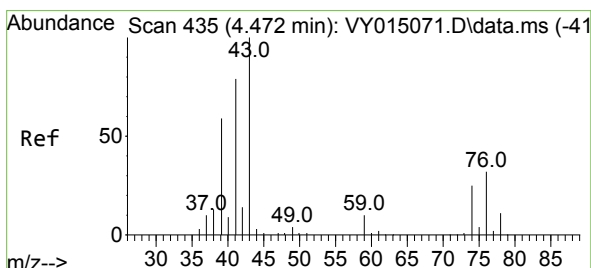
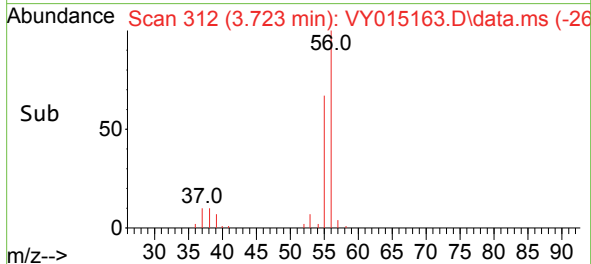
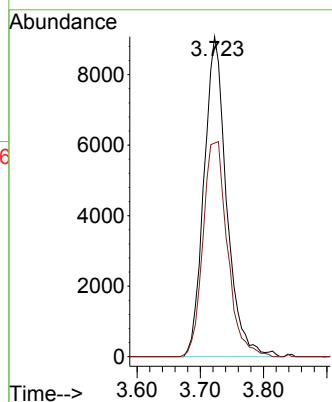
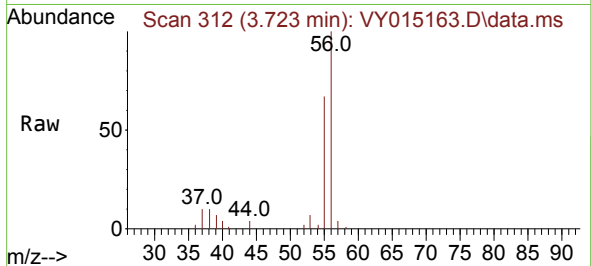




#13
Acrolein
Concen: 137.562 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

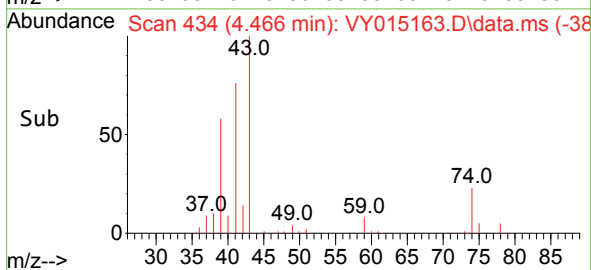
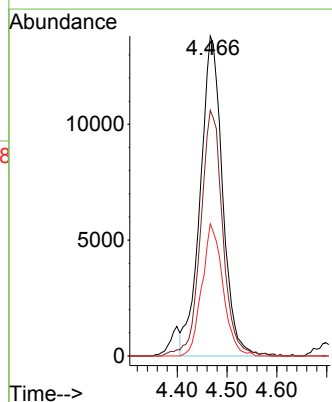
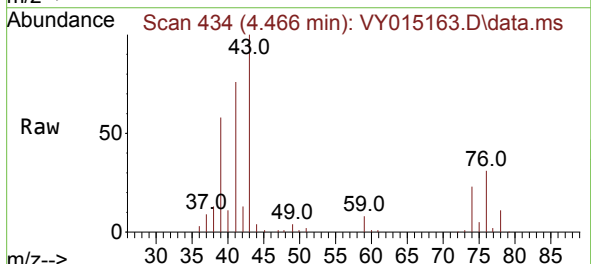
Instrument :
MSVOA_Y
ClientSampleId :

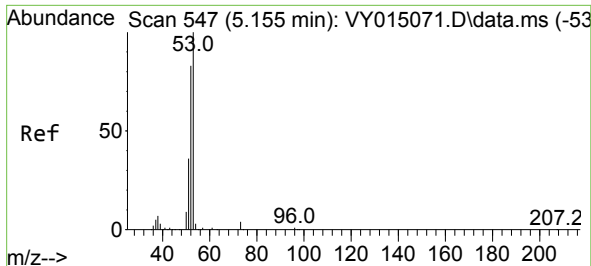
Tgt Ion: 56 Resp: 22604
Ion Ratio Lower Upper
56 100
55 72.5 57.0 85.4



#14
Allyl chloride
Concen: 18.953 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

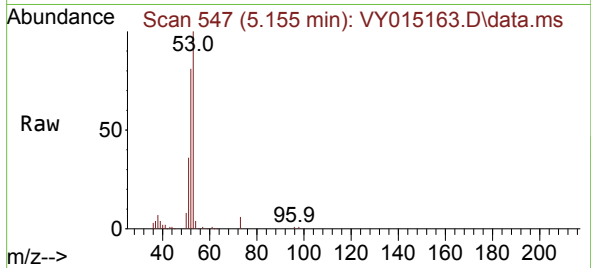
Tgt Ion: 41 Resp: 42923
Ion Ratio Lower Upper
41 100
39 76.0 58.0 87.0
76 38.8 27.4 41.2



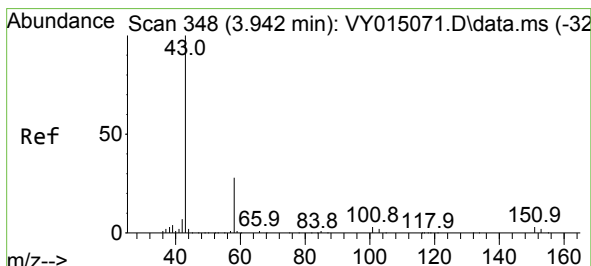
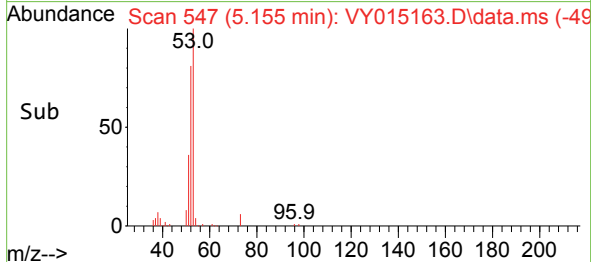
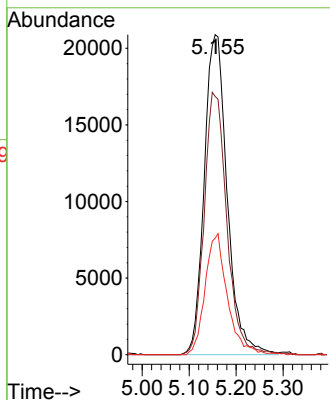


#15
Acrylonitrile
Concen: 108.355 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

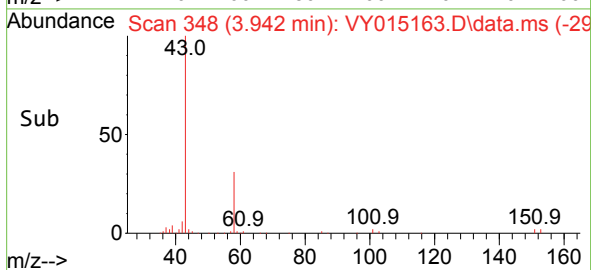
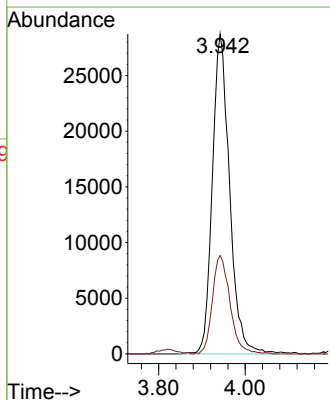
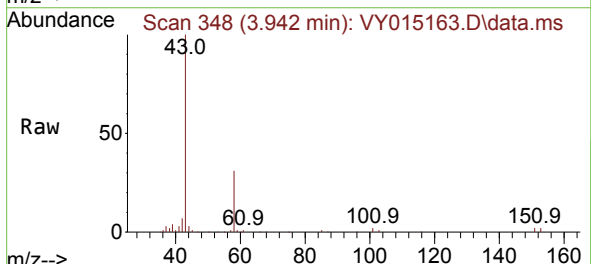


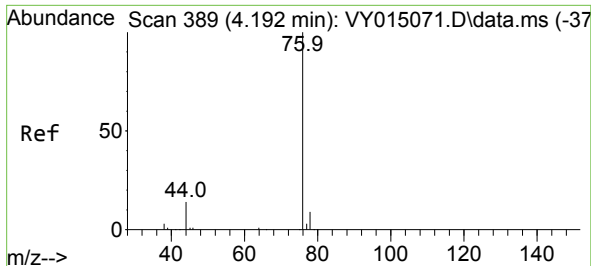
Tgt Ion: 53	Resp: 70884
Ion Ratio	Lower Upper
53 100	
52 80.9	66.9 100.3
51 36.8	29.8 44.6



#16
Acetone
Concen: 110.443 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 43	Resp: 79507
Ion Ratio	Lower Upper
43 100	
58 30.7	22.7 34.1

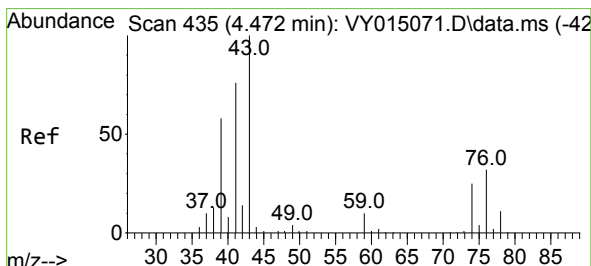
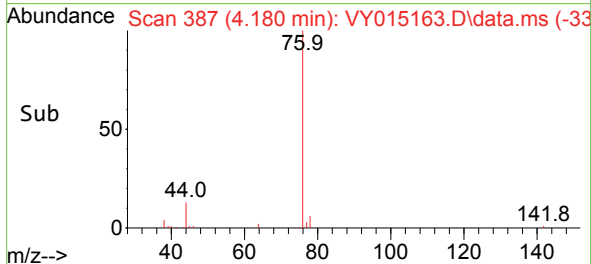
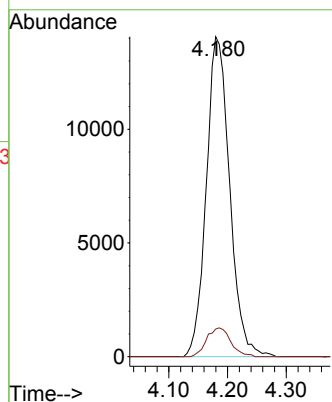
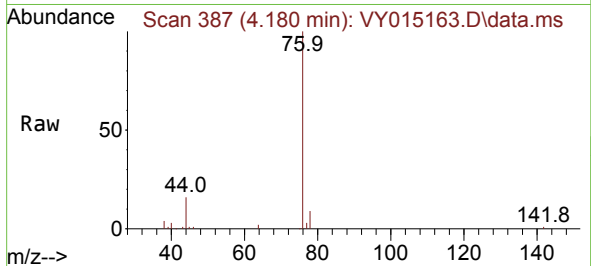




#17
Carbon Disulfide
Concen: 17.283 ug/l
RT: 4.180 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

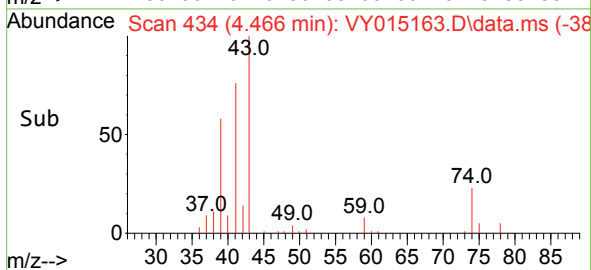
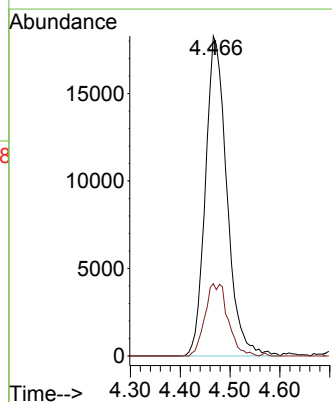
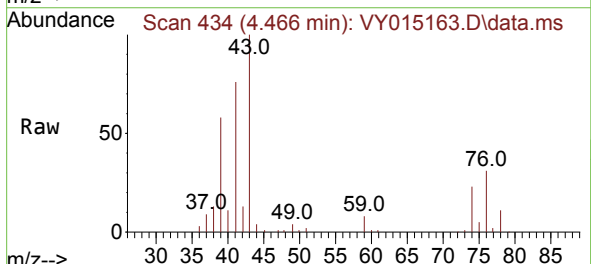
Instrument :
MSVOA_Y
ClientSampleId :

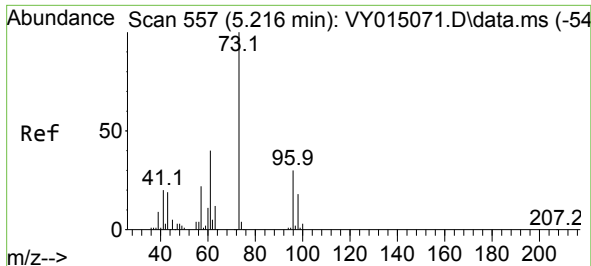
Tgt Ion: 76 Resp: 38853
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 20.708 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 43 Resp: 54629
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0

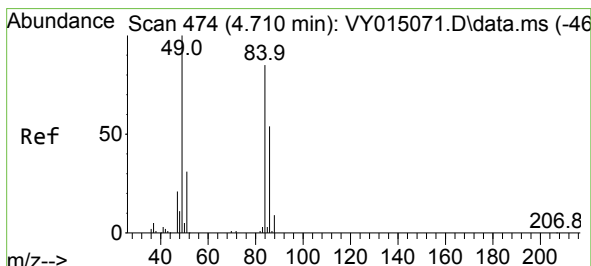
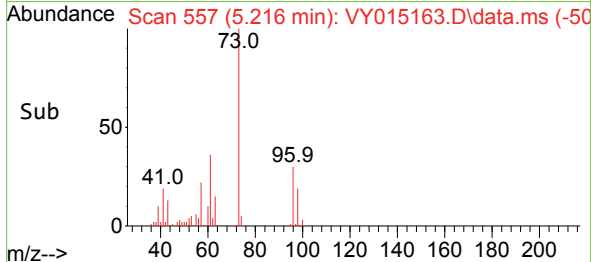
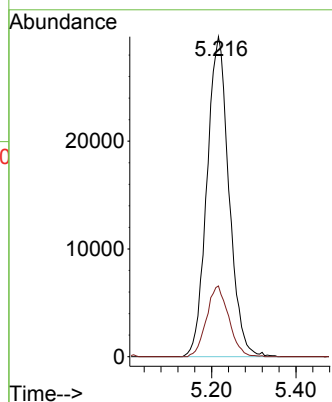
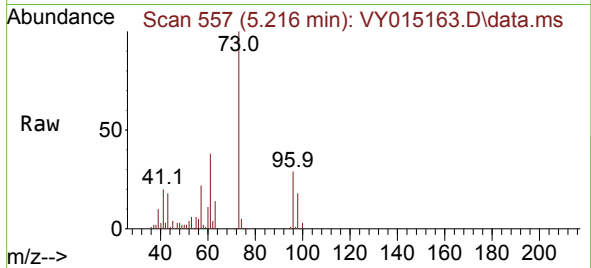




#19
Methyl tert-butyl Ether
Concen: 19.835 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

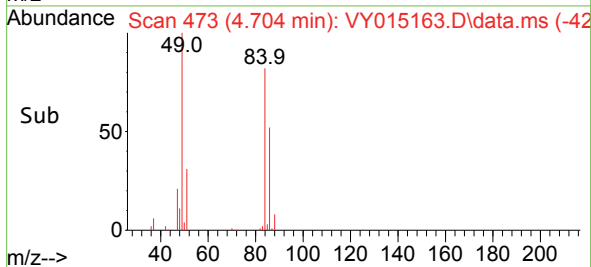
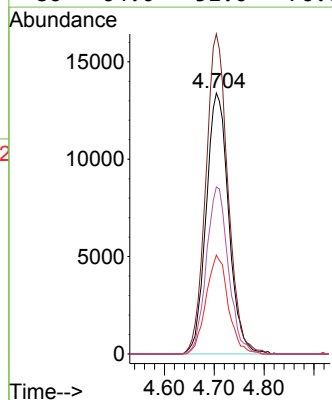
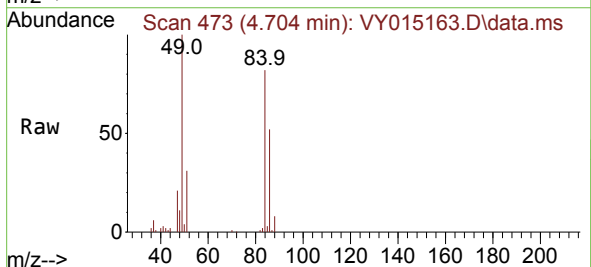
Instrument :
MSVOA_Y
ClientSampleId :

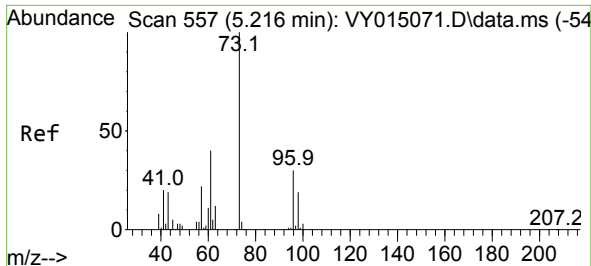
Tgt Ion: 73 Resp: 107731
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 21.914 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

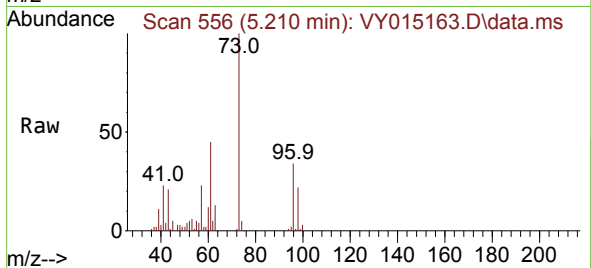
Tgt Ion: 84 Resp: 42013
Ion Ratio Lower Upper
84 100
49 122.6 106.9 160.3
51 37.9 33.2 49.8
86 64.0 51.0 76.6



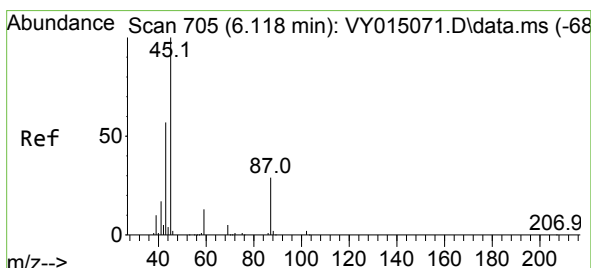
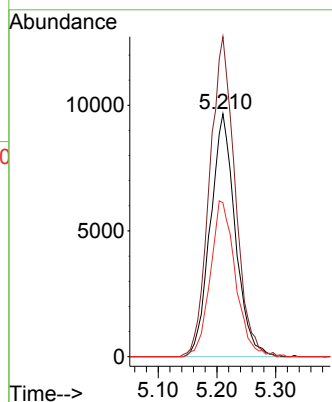
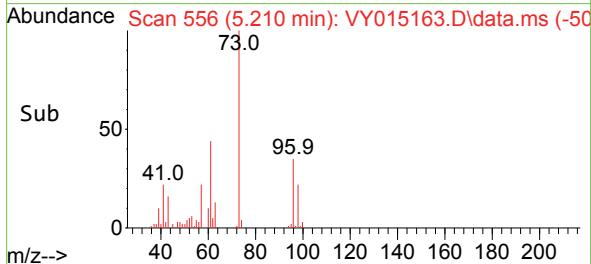


#21
trans-1,2-Dichloroethene
Concen: 19.744 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

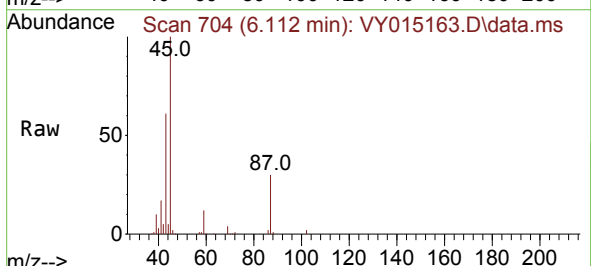
Instrument :
MSVOA_Y
ClientSampleId :



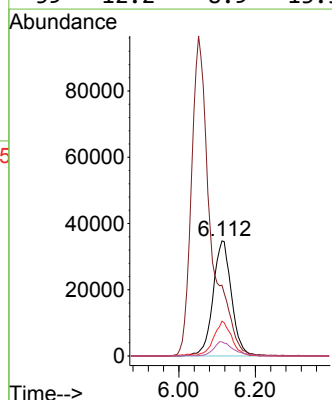
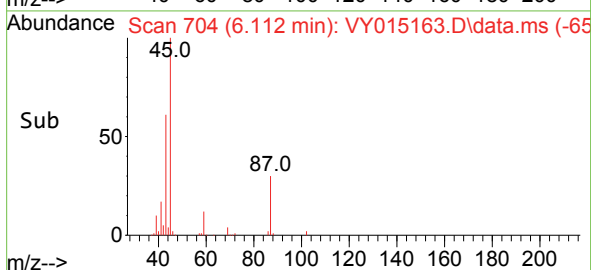
Tgt Ion: 96 Resp: 28448
Ion Ratio Lower Upper
96 100
61 131.8 110.2 165.4
98 63.4 51.8 77.6

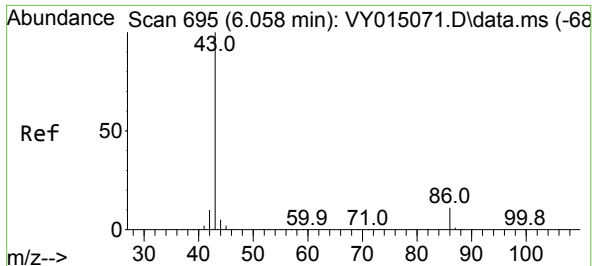


#22
Diisopropyl ether
Concen: 20.638 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43



Tgt Ion: 45 Resp: 116630
Ion Ratio Lower Upper
45 100
43 61.0 52.2 78.4
87 30.2 21.0 31.6
59 12.2 8.9 13.3

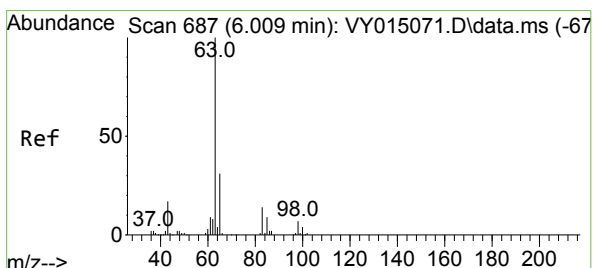
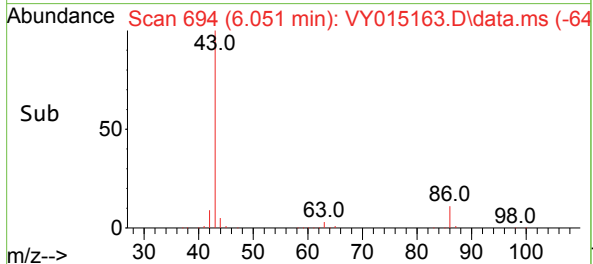
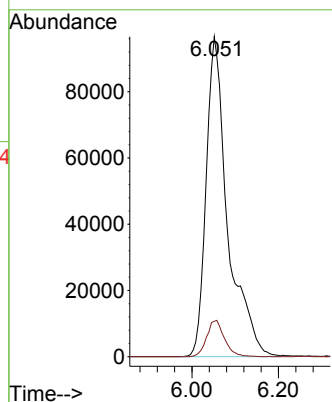
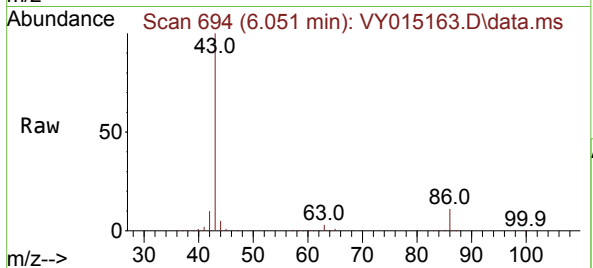




#23
 Vinyl Acetate
 Concen: 99.190 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015163.D
 Acq: 17 Aug 2023 11:43

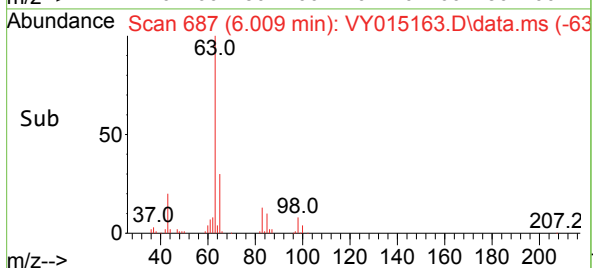
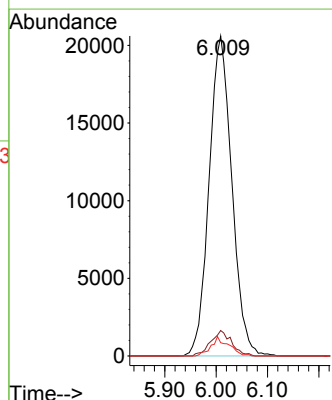
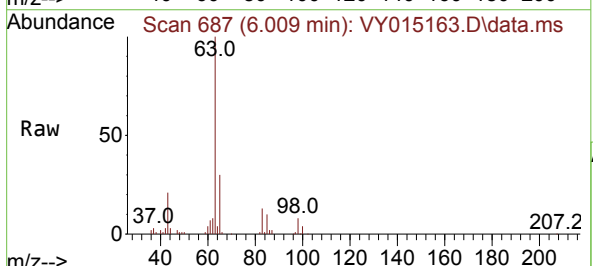
Instrument :
 MSVOA_Y
 ClientSampleId :

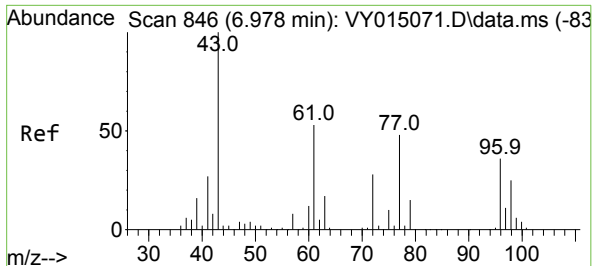
Tgt Ion: 43 Resp: 334470
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.702 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY015163.D
 Acq: 17 Aug 2023 11:43

Tgt Ion: 63 Resp: 63338
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.1 9.4
 100 4.2 1.8 5.5

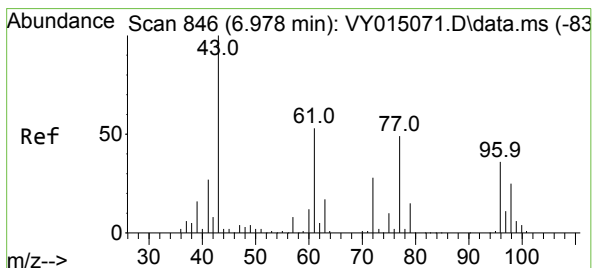
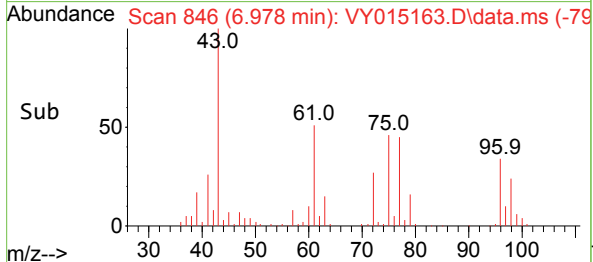
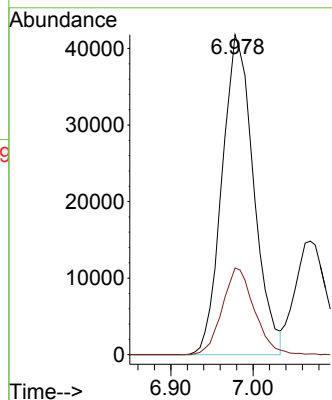
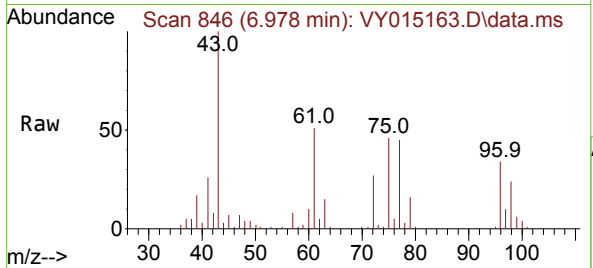




#25
2-Butanone
Concen: 109.733 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

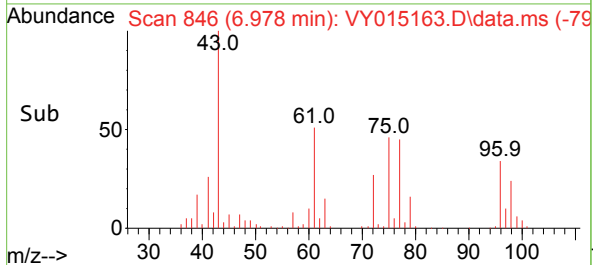
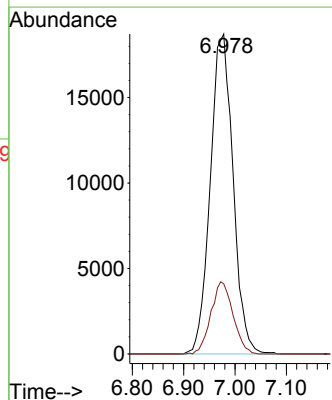
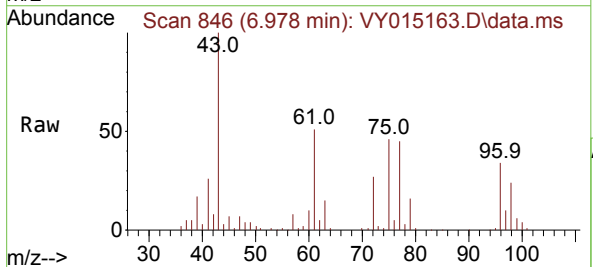
Instrument :
MSVOA_Y
ClientSampleId :

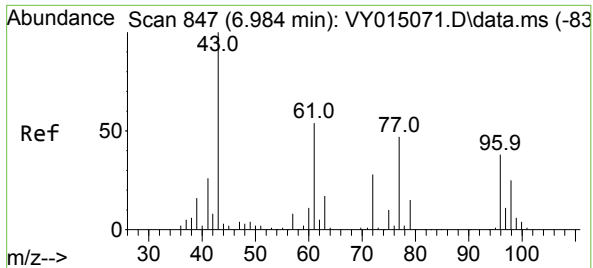
Tgt Ion: 43 Resp: 111850
Ion Ratio Lower Upper
43 100
72 27.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.515 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 77 Resp: 57556
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.090 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

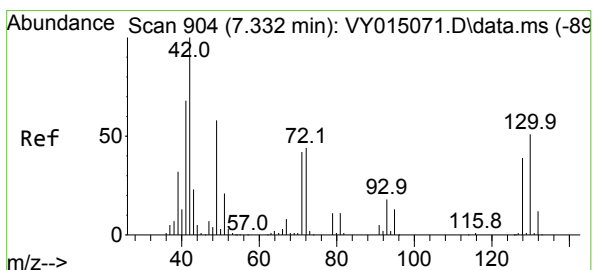
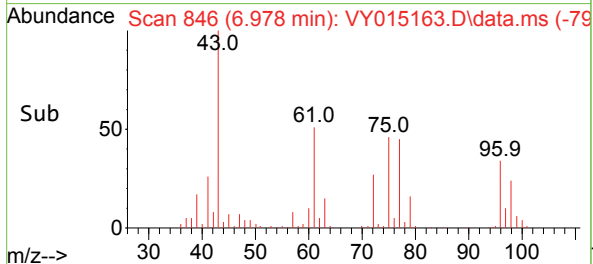
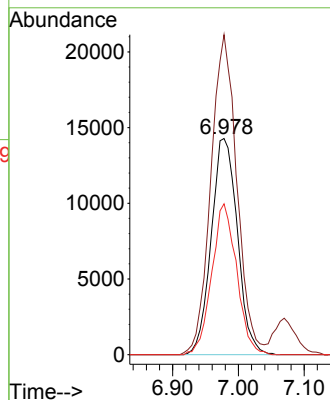
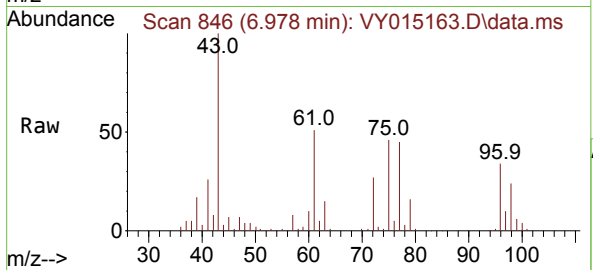
Tgt Ion: 96 Resp: 39542

Ion Ratio Lower Upper

96 100

61 147.3 0.0 301.4

98 66.5 0.0 130.4



#28

Bromochloromethane

Concen: 22.100 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

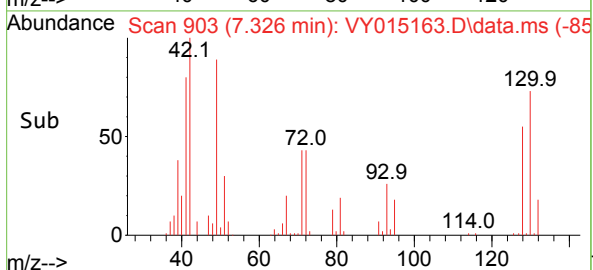
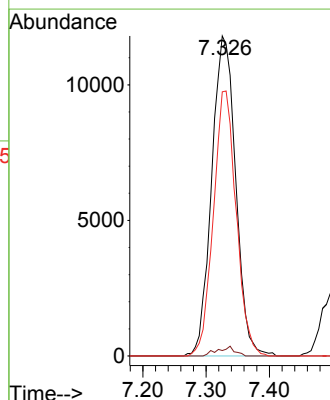
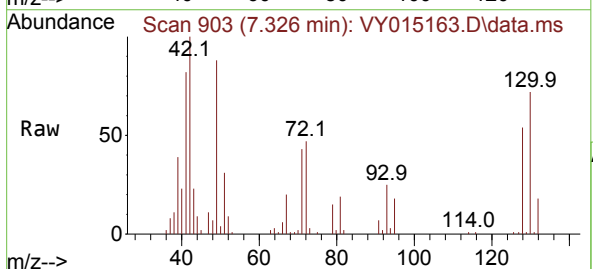
Tgt Ion: 49 Resp: 31065

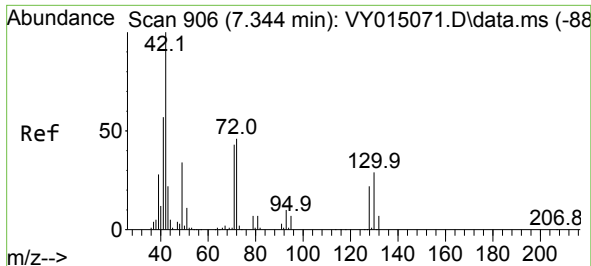
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 78.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 103.646 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

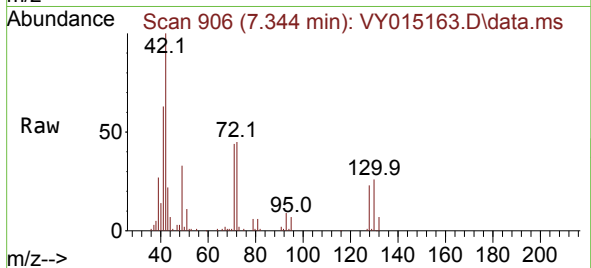
Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

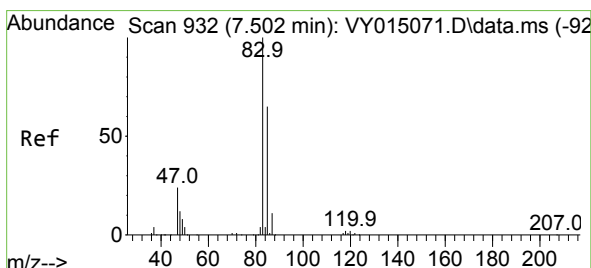
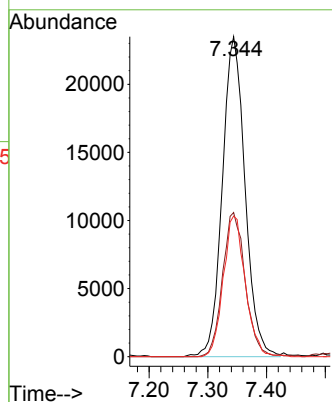
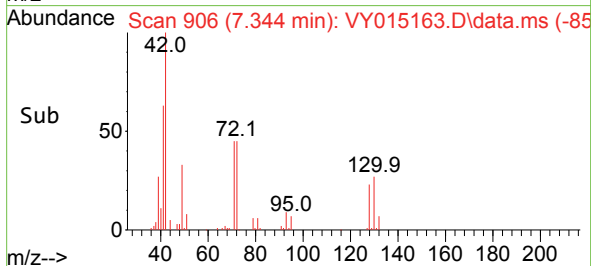
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	63170
Ion	Ratio	Lower	Upper
42	100		
72	44.8	32.8	49.2
71	42.7	31.0	46.4



#30

Chloroform

Concen: 20.895 ug/l

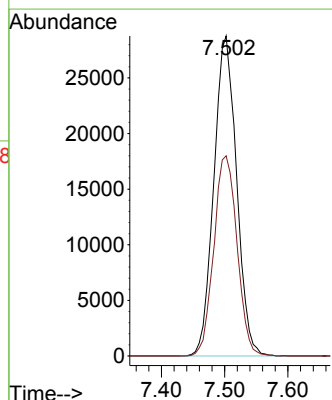
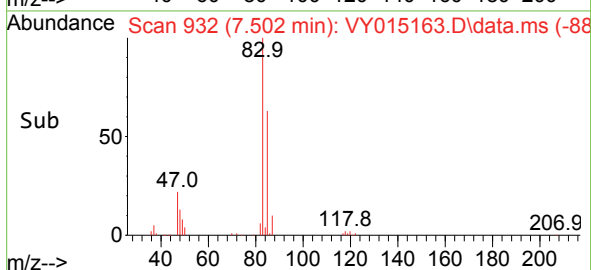
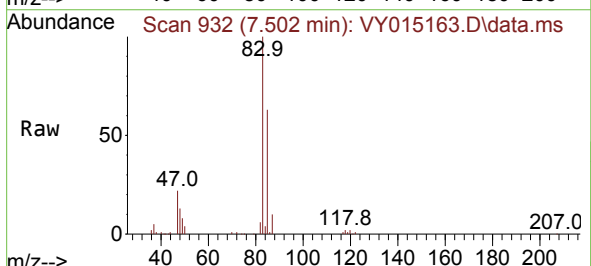
RT: 7.502 min Scan# 932

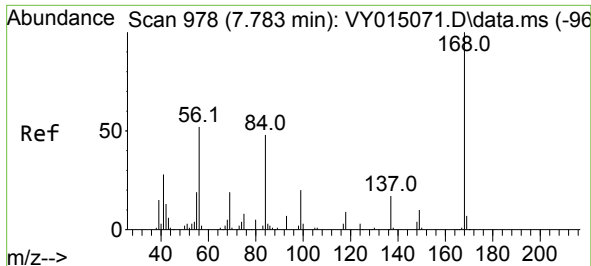
Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

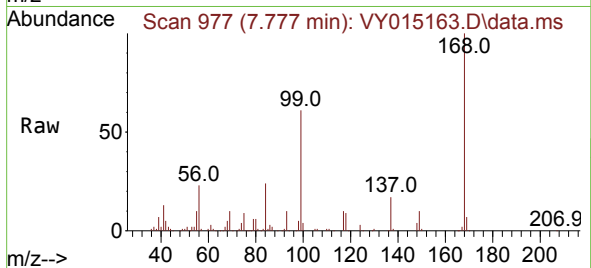
Tgt Ion:	83	Resp:	71664
Ion	Ratio	Lower	Upper
83	100		
85	62.6	49.7	74.5



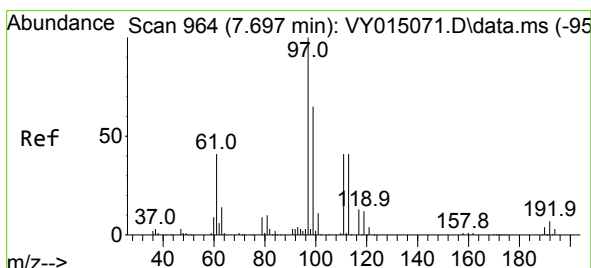
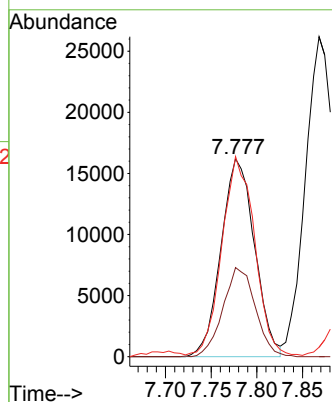
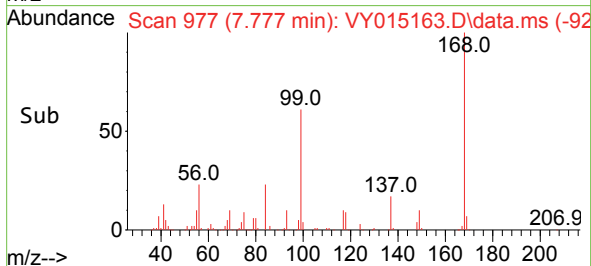


#31
Cyclohexane
Concen: 19.488 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

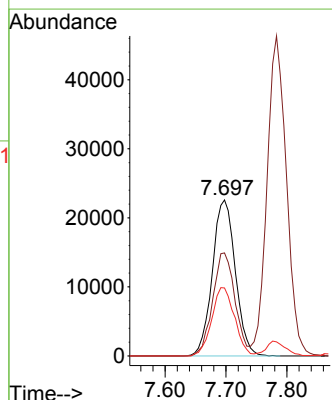
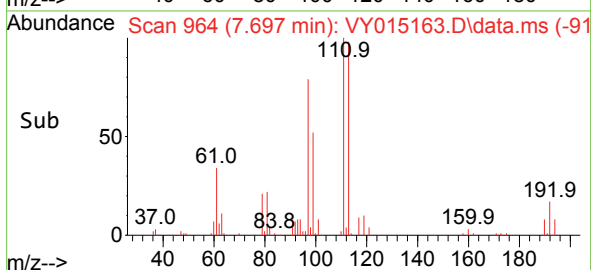
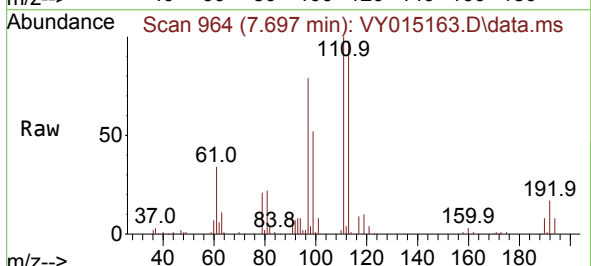


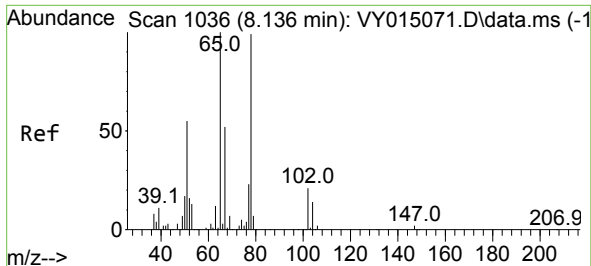
Tgt Ion: 56 Resp: 41425
Ion Ratio Lower Upper
56 100
69 45.0 27.8 41.6#
84 99.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.295 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 97 Resp: 59233
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 43.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.735 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

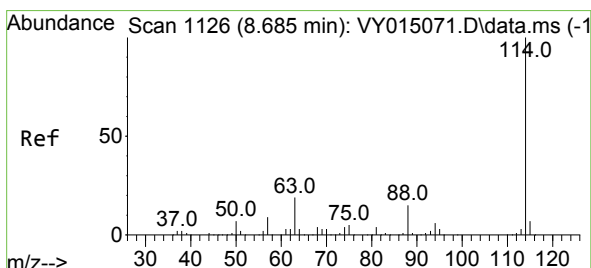
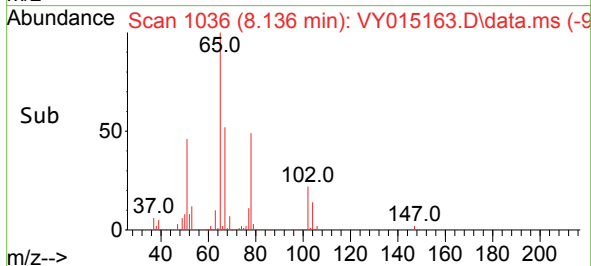
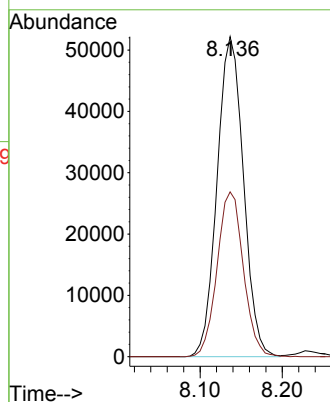
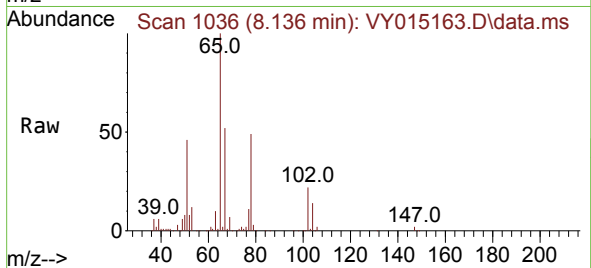
ClientSampleId :

Tgt Ion: 65 Resp: 116209

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

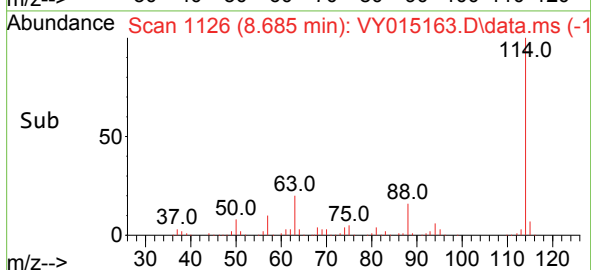
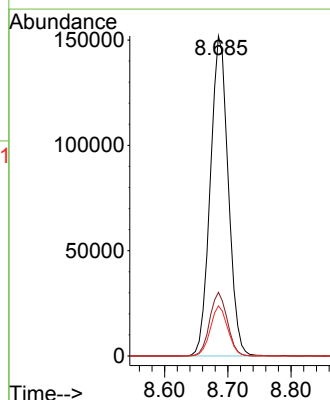
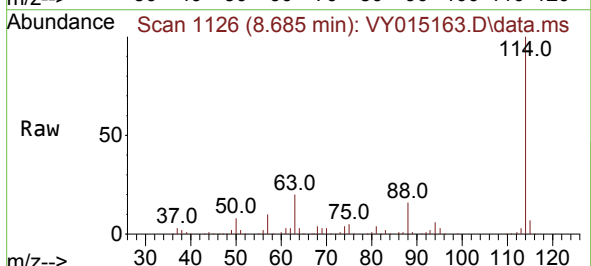
Tgt Ion: 114 Resp: 298934

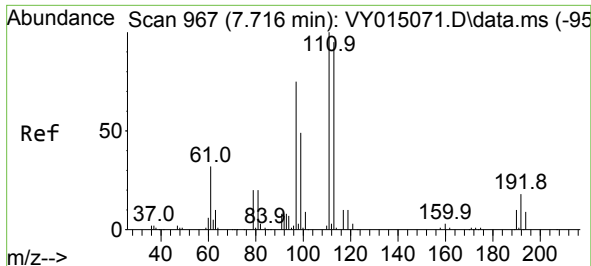
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.6 0.0 30.6

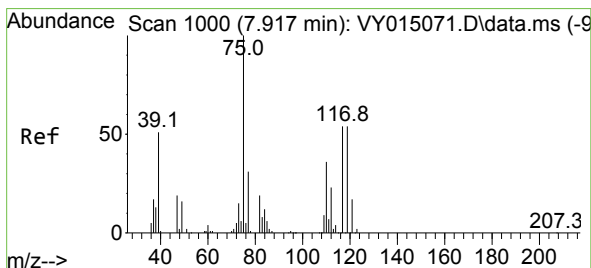
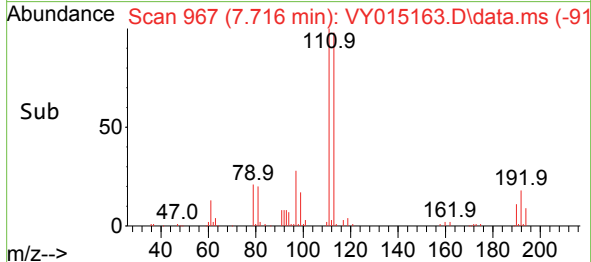
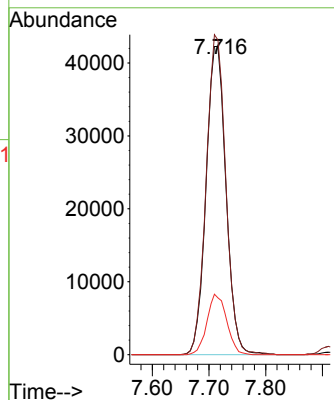
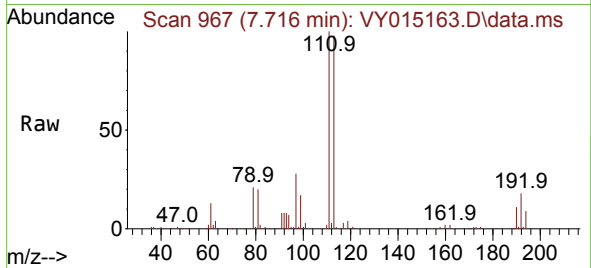




#35
 Dibromofluoromethane
 Concen: 53.665 ug/l
 RT: 7.716 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VY015163.D
 Acq: 17 Aug 2023 11:43

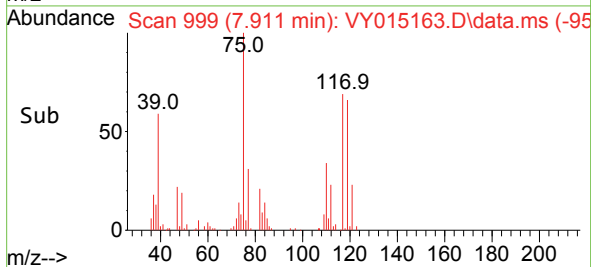
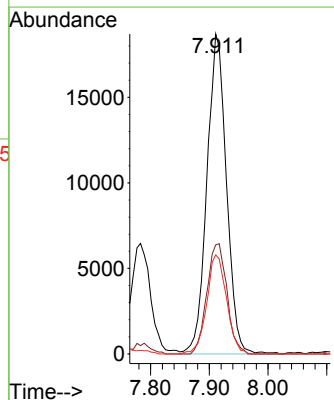
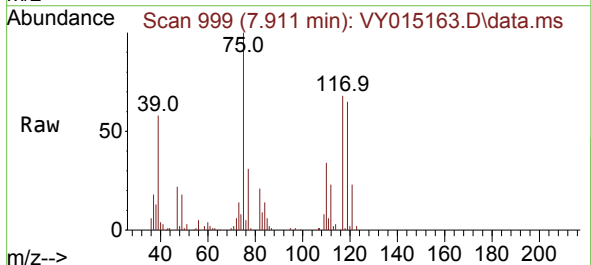
Instrument :
 MSVOA_Y
 ClientSampleId :

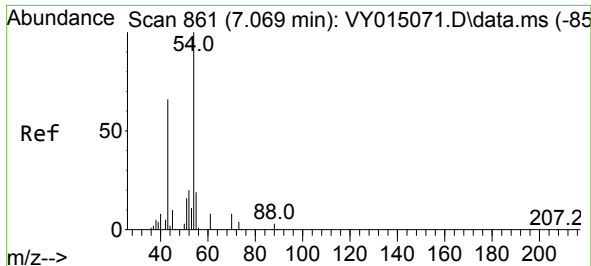
Tgt Ion:113 Resp: 103205
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.3 121.9
 192 19.4 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 20.347 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VY015163.D
 Acq: 17 Aug 2023 11:43

Tgt Ion: 75 Resp: 43291
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.8 53.5
 77 31.3 24.4 36.6

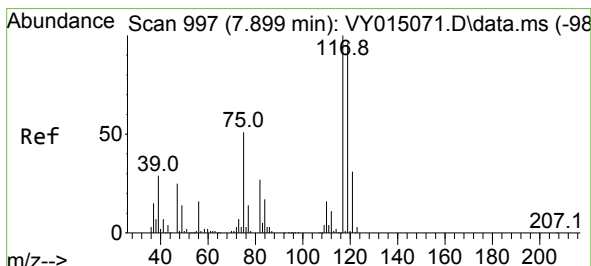
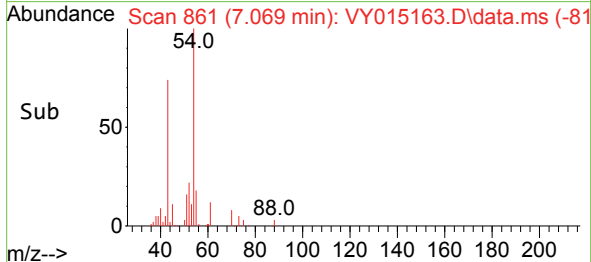
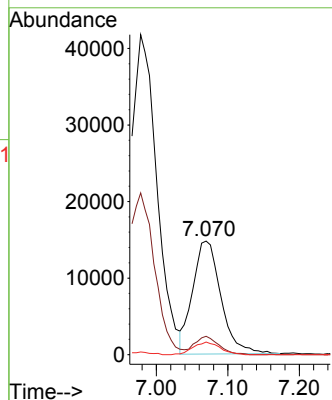
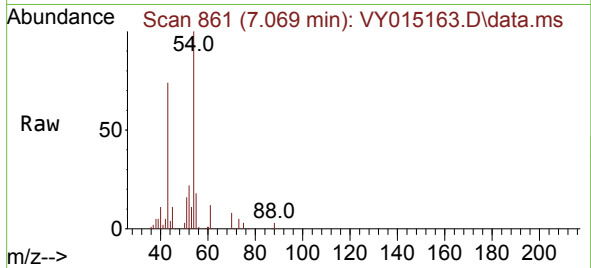




#37
Ethyl Acetate
Concen: 20.447 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

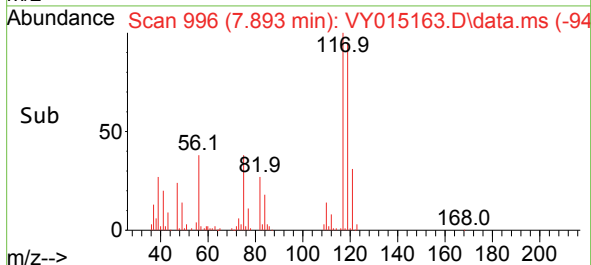
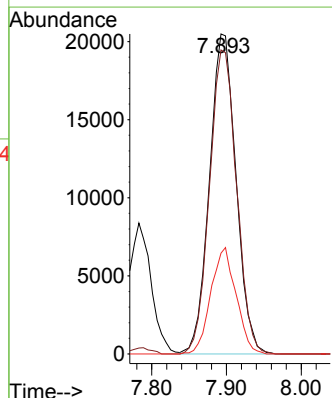
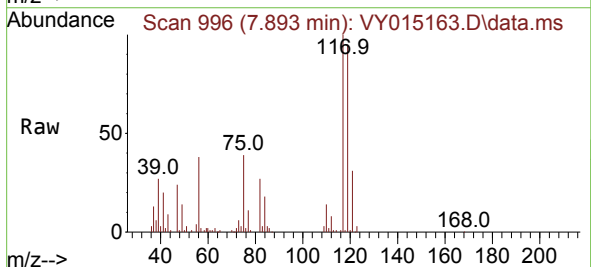
Instrument :
MSVOA_Y
ClientSampleId :

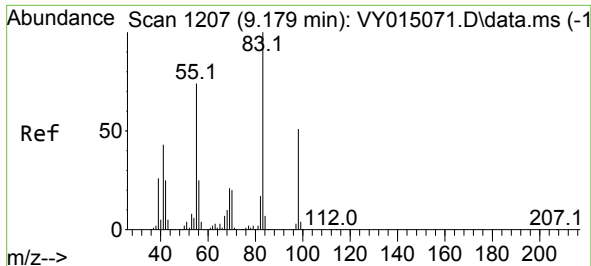
Tgt Ion: 43 Resp: 40550
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 10.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.088 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 117 Resp: 50583
Ion Ratio Lower Upper
117 100
119 95.0 76.4 114.6
121 31.5 25.8 38.6





#39

Methylcyclohexane

Concen: 19.671 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

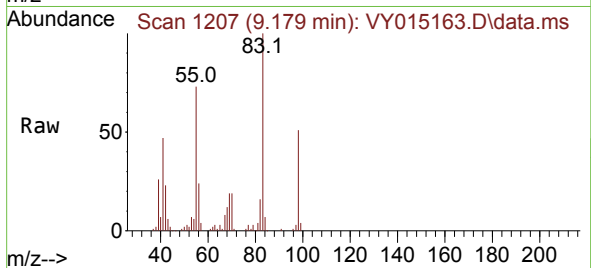
Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :



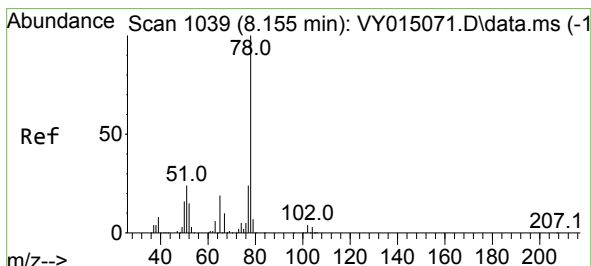
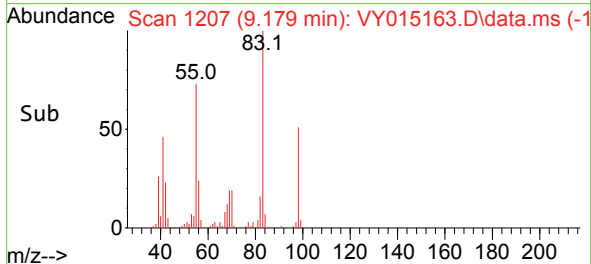
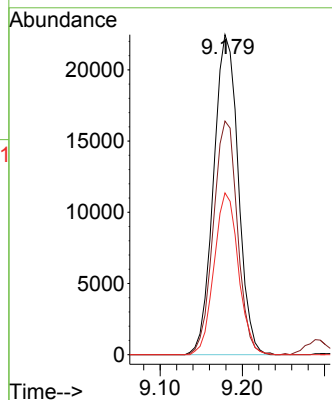
Tgt Ion: 83 Resp: 46918

Ion Ratio Lower Upper

83 100

55 73.0 63.0 94.4

98 50.5 37.4 56.2



#40

Benzene

Concen: 20.485 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015163.D

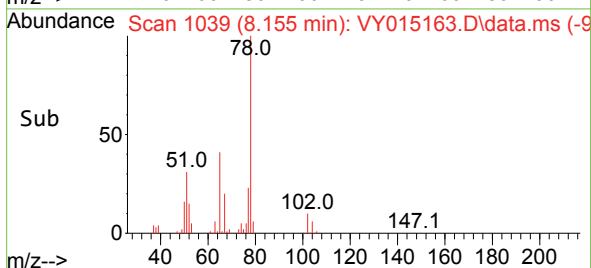
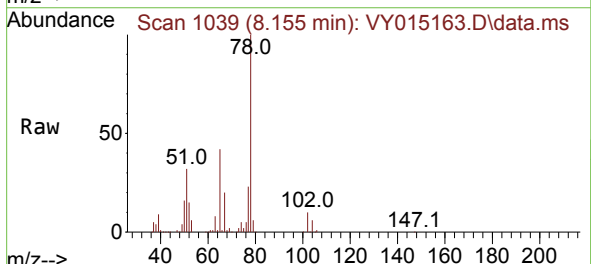
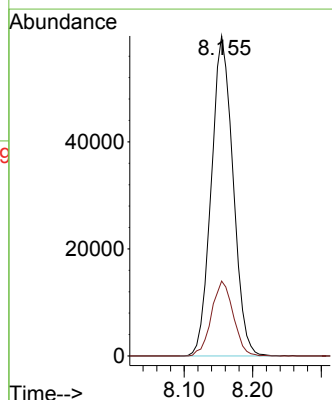
Acq: 17 Aug 2023 11:43

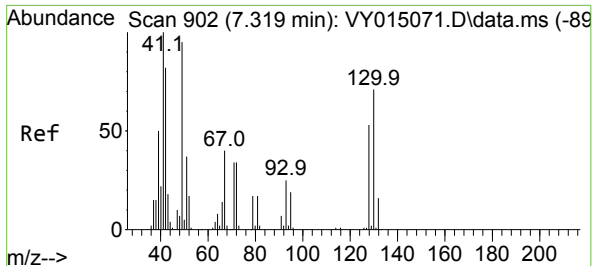
Tgt Ion: 78 Resp: 131767

Ion Ratio Lower Upper

78 100

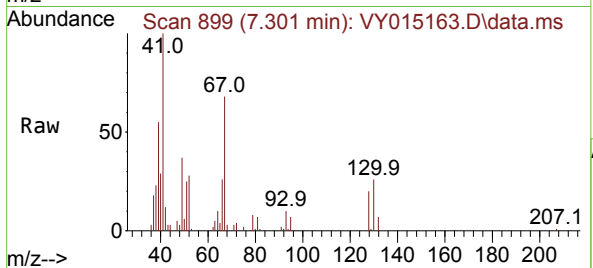
77 23.4 19.0 28.6



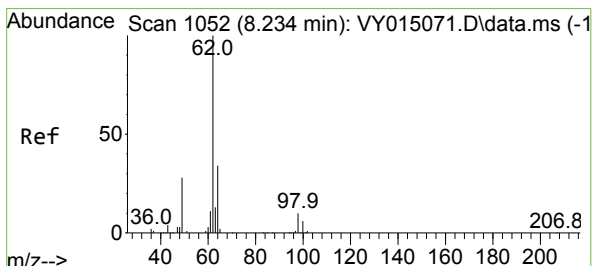
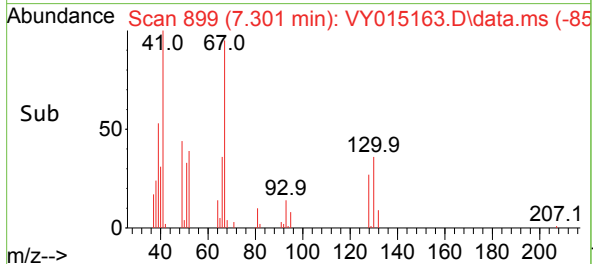
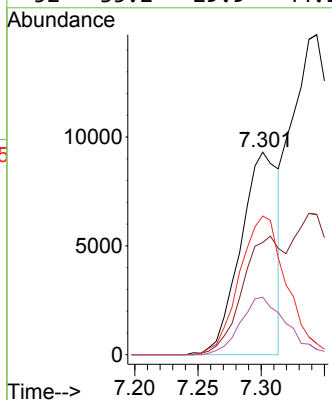


#41
Methacrylonitrile
Concen: 18.946 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

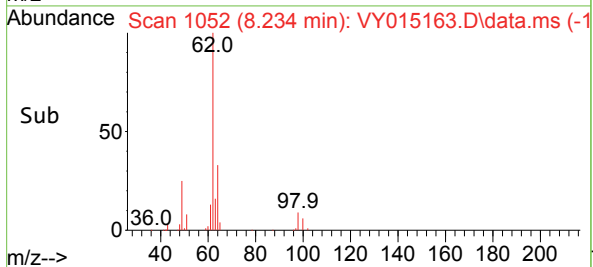
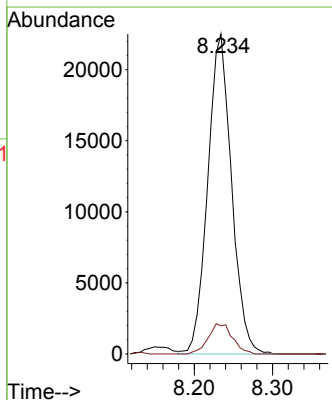
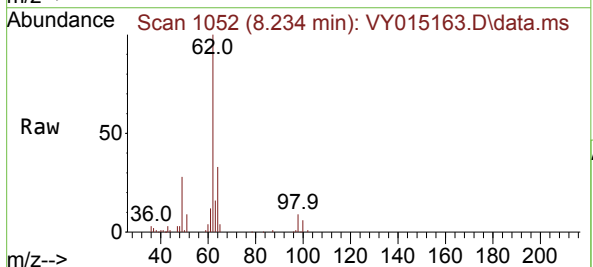


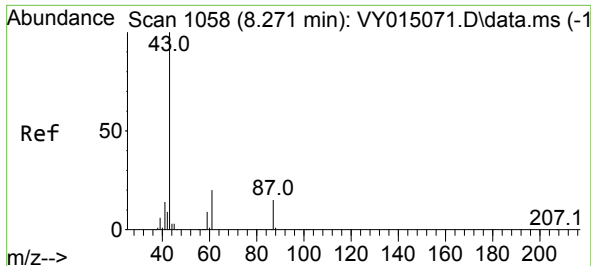
Tgt Ion: 41	Resp: 19375
Ion Ratio	Lower Upper
41 100	
39 65.4	52.1 78.1
67 85.8	66.2 99.2
52 35.2	29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.349 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

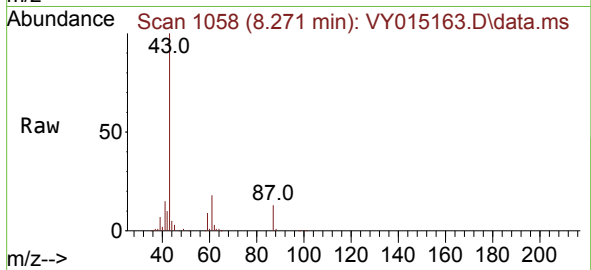
Tgt Ion: 62	Resp: 47539
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 15.8



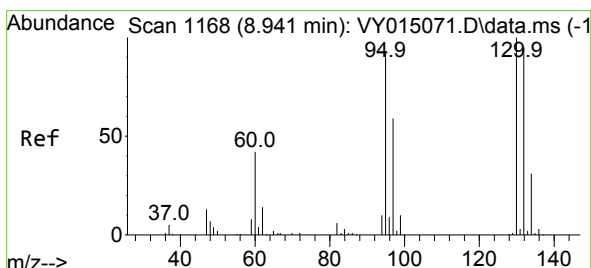
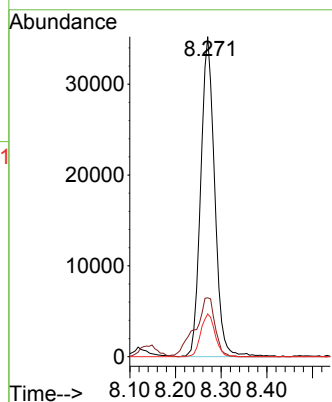
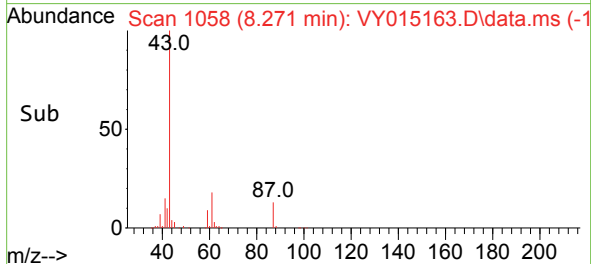


#43
Isopropyl Acetate
Concen: 20.621 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

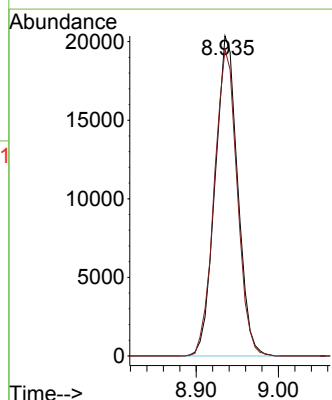
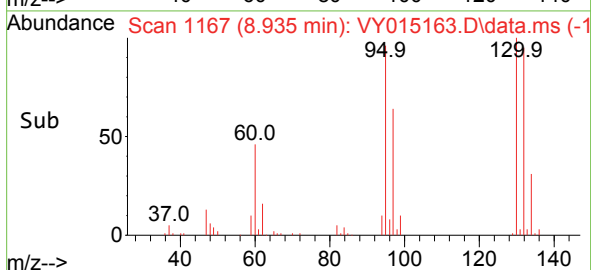
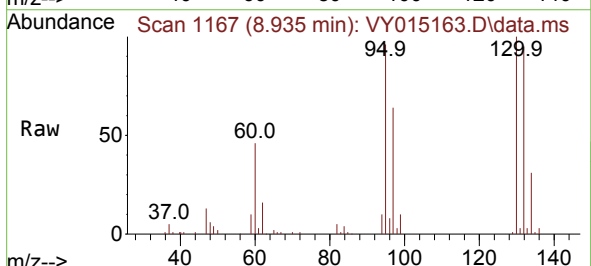


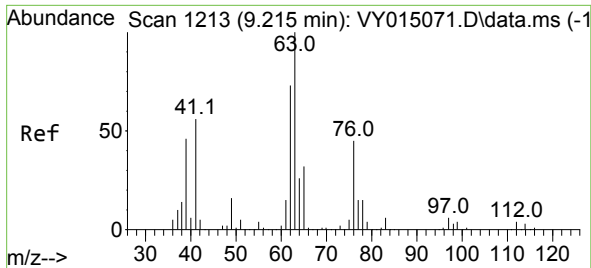
Tgt Ion: 43 Resp: 74472
Ion Ratio Lower Upper
43 100
61 26.4 21.1 31.7
87 13.6 9.8 14.8



#44
Trichloroethene
Concen: 20.905 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 130 Resp: 38740
Ion Ratio Lower Upper
130 100
95 95.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.718 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

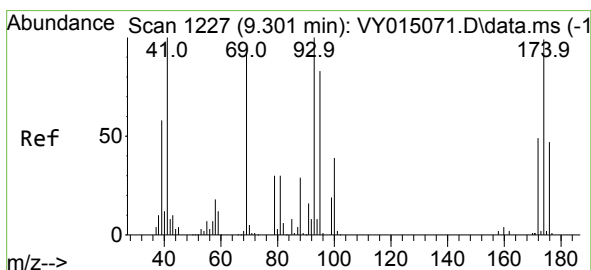
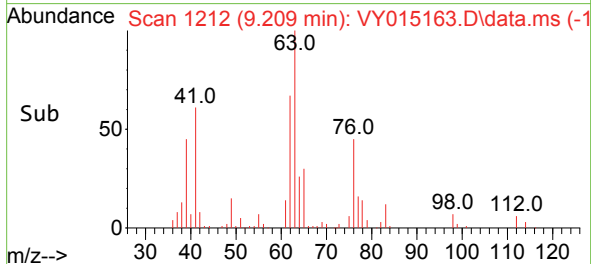
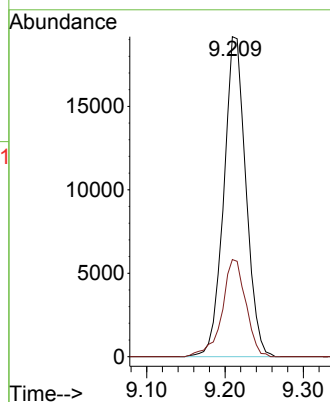
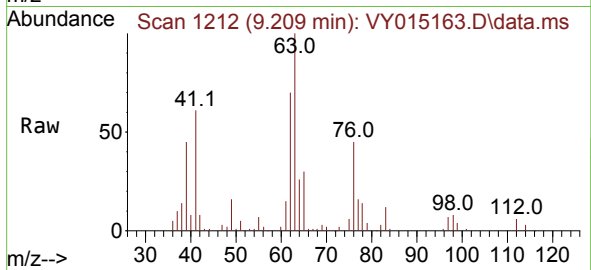
ClientSampleId :

Tgt Ion: 63 Resp: 37580

Ion Ratio Lower Upper

63 100

65 30.4 23.8 35.6



#46

Dibromomethane

Concen: 20.836 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

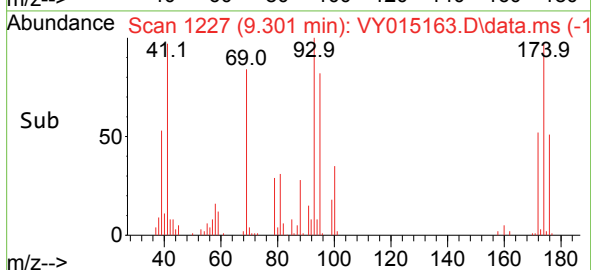
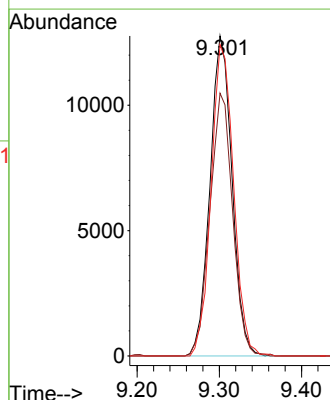
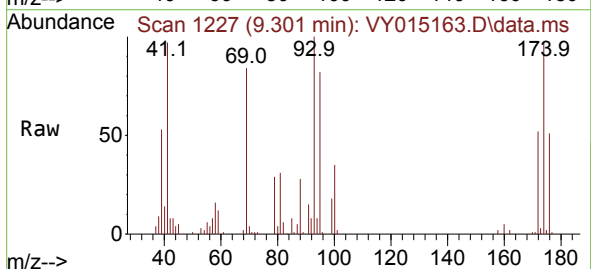
Tgt Ion: 93 Resp: 23837

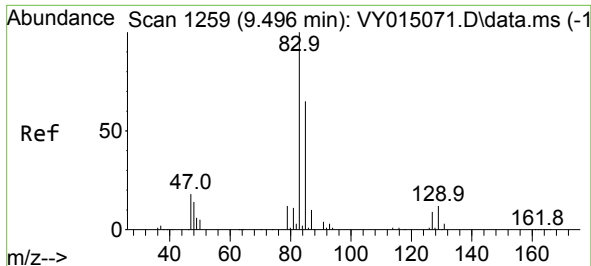
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

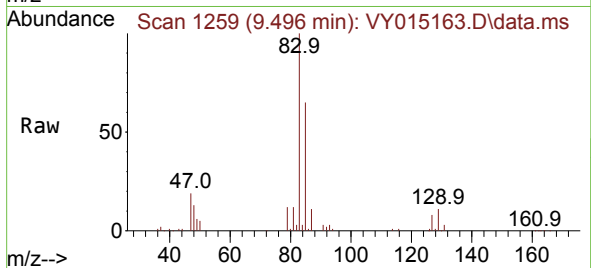
174 98.7 84.8 127.2



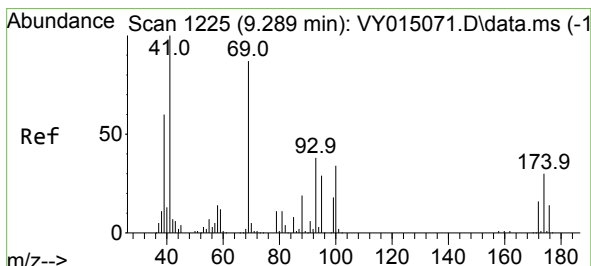
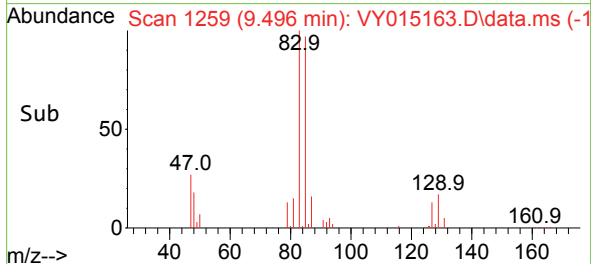
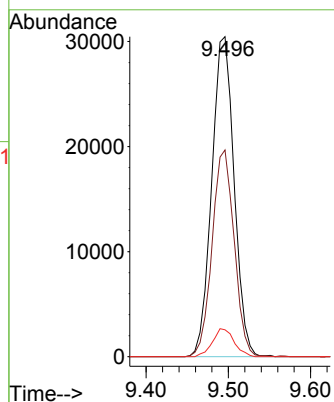


#47
Bromodichloromethane
Concen: 21.106 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

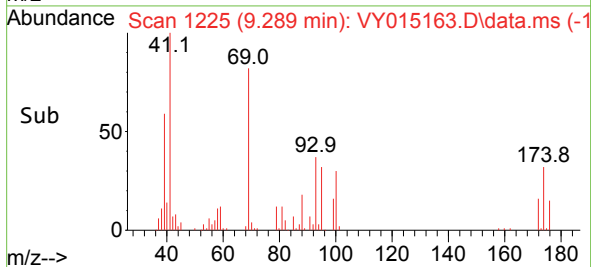
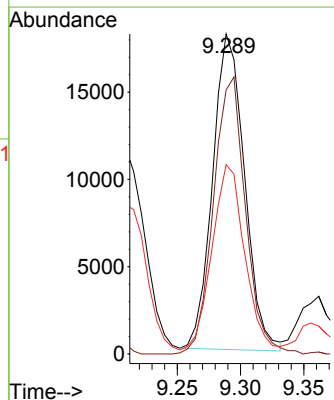
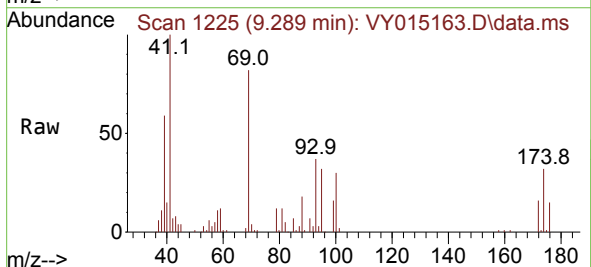


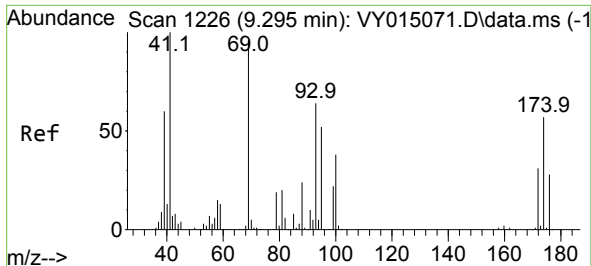
Tgt Ion: 83 Resp: 57619
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 20.537 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 41 Resp: 31728
Ion Ratio Lower Upper
41 100
69 88.2 64.5 96.7
39 62.2 50.8 76.2





#49

1,4-Dioxane

Concen: 394.860 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

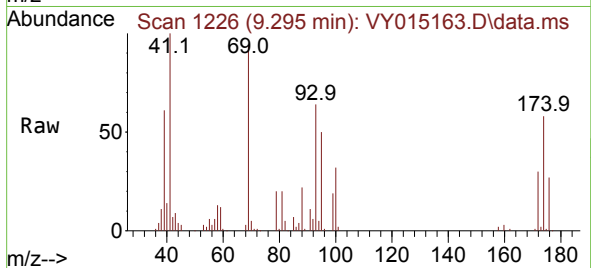
Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :



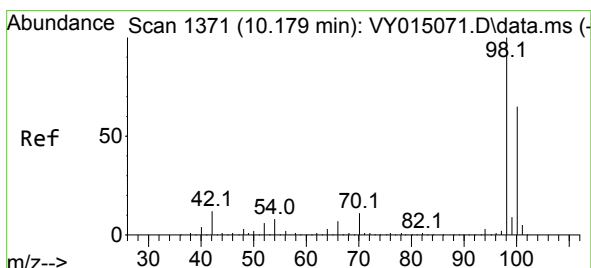
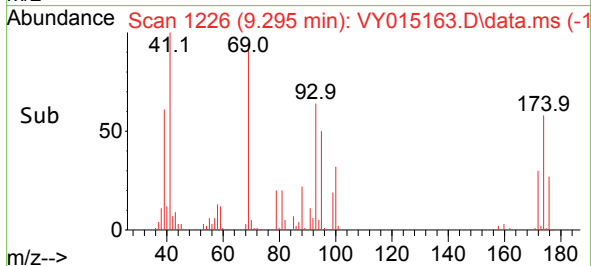
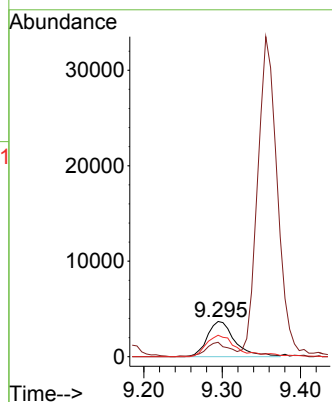
Tgt Ion: 88 Resp: 9033

Ion Ratio Lower Upper

88 100

43 34.5 0.0 0.0#

58 67.6 30.9 46.3#



#50

Toluene-d8

Concen: 52.789 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015163.D

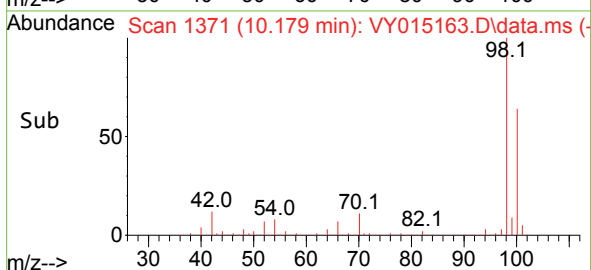
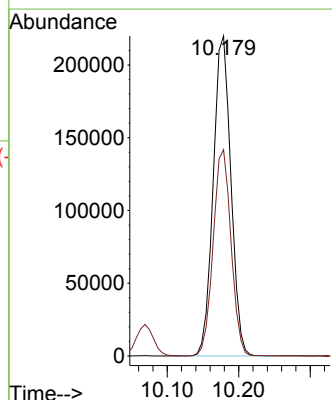
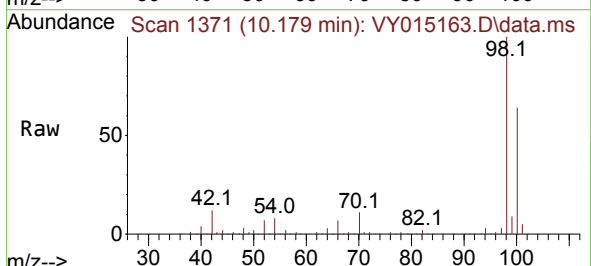
Acq: 17 Aug 2023 11:43

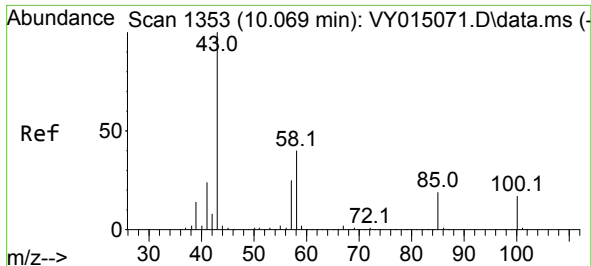
Tgt Ion: 98 Resp: 377920

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1

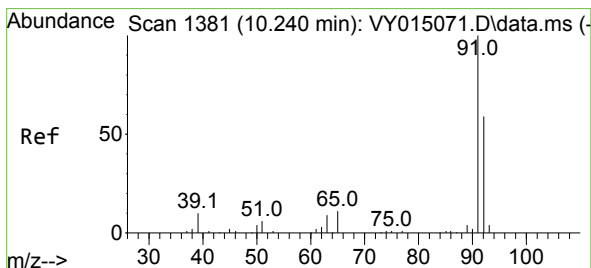
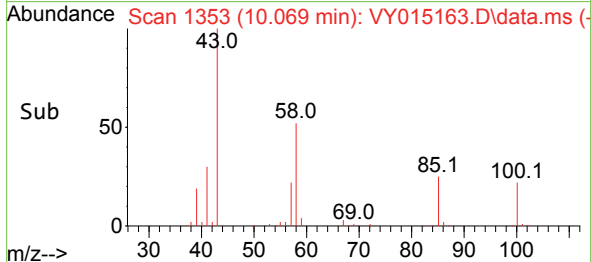
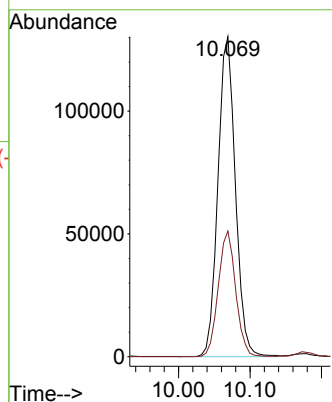
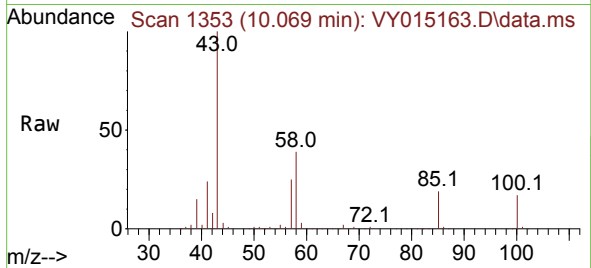




#51
4-Methyl-2-Pentanone
Concen: 105.628 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

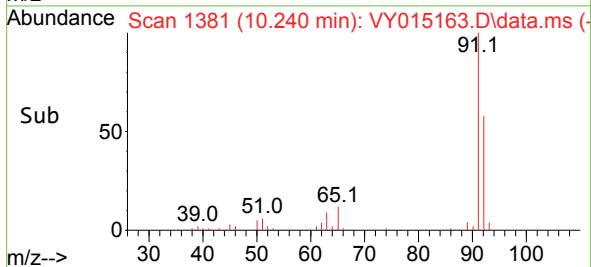
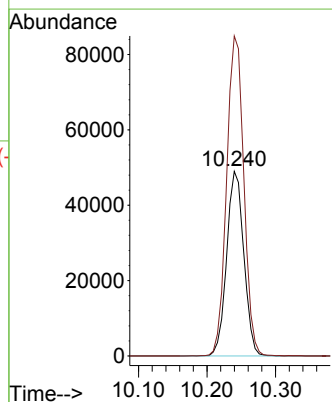
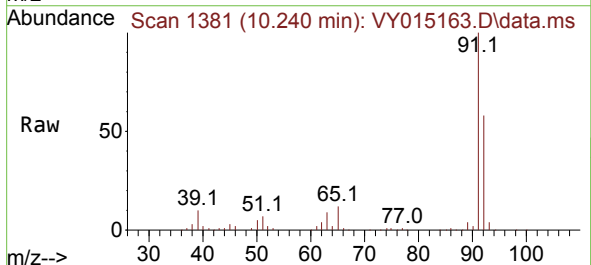
Instrument :
MSVOA_Y
ClientSampleId :

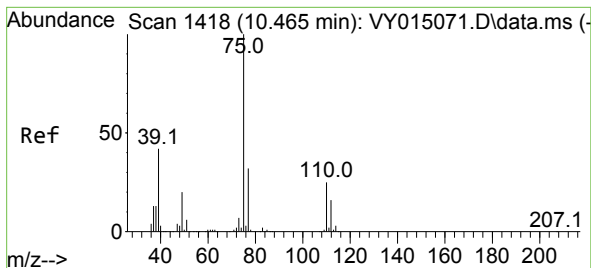
Tgt Ion: 43 Resp: 221088
Ion Ratio Lower Upper
43 100
58 39.2 29.0 43.6



#52
Toluene
Concen: 20.010 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 92 Resp: 84836
Ion Ratio Lower Upper
92 100
91 174.1 143.8 215.6

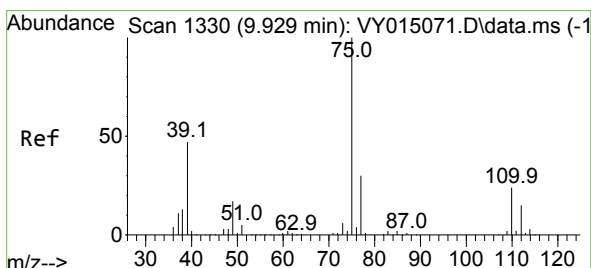
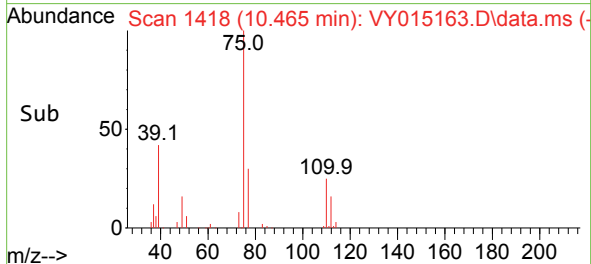
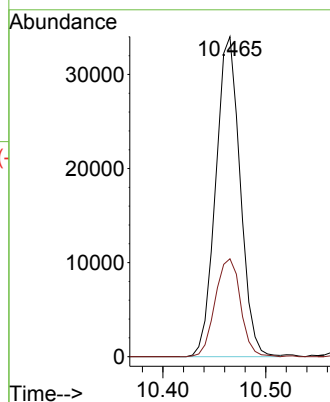
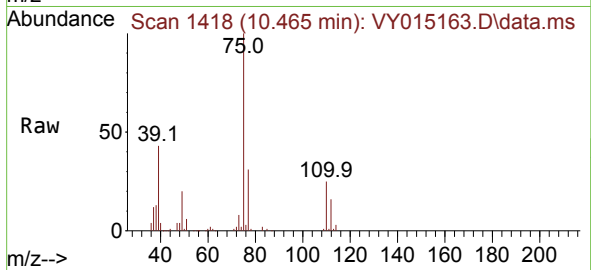




#53
t-1,3-Dichloropropene
Concen: 19.550 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

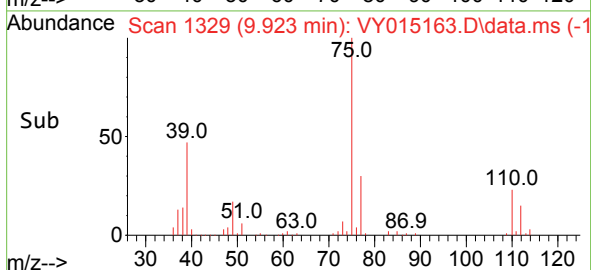
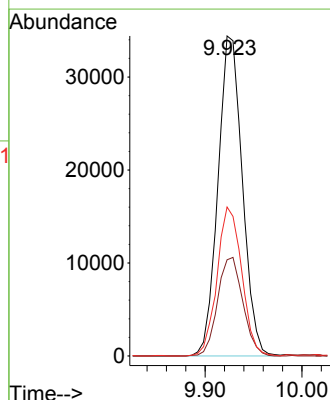
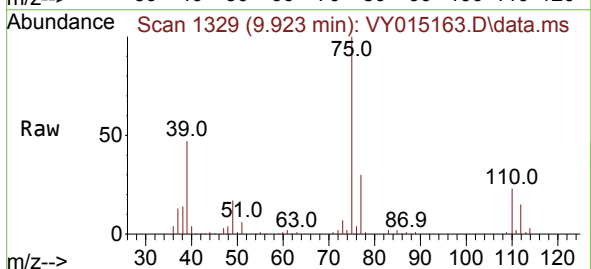
Instrument :
MSVOA_Y
ClientSampleId :

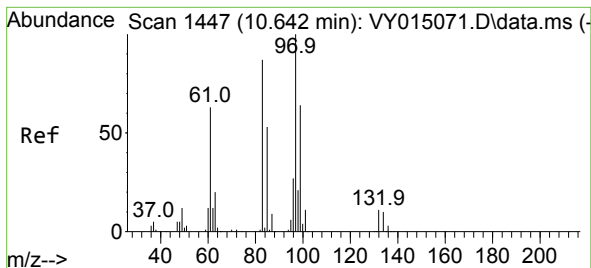
Tgt Ion: 75 Resp: 56088
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.952 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 75 Resp: 60286
Ion Ratio Lower Upper
75 100
77 30.0 24.2 36.4
39 46.6 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.598 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

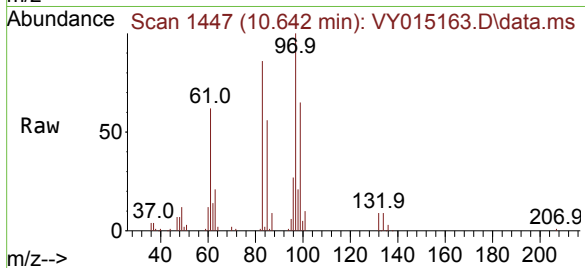
Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 35830

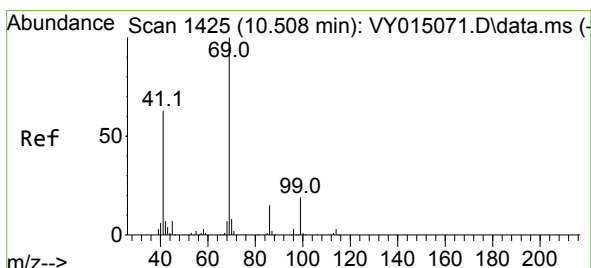
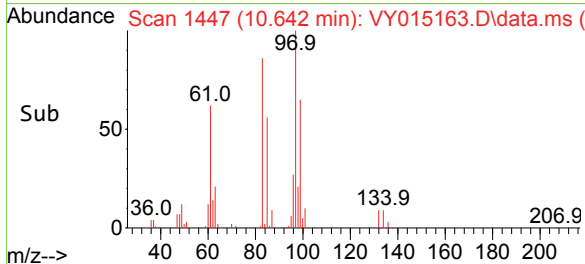
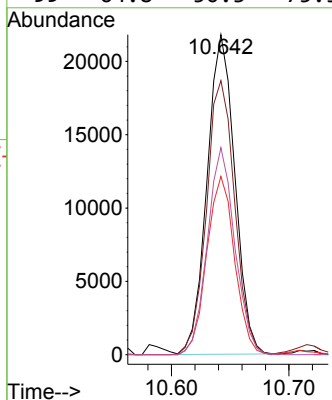
Ion Ratio Lower Upper

97 100

83 85.5 72.0 108.0

85 55.8 45.4 68.0

99 64.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.475 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

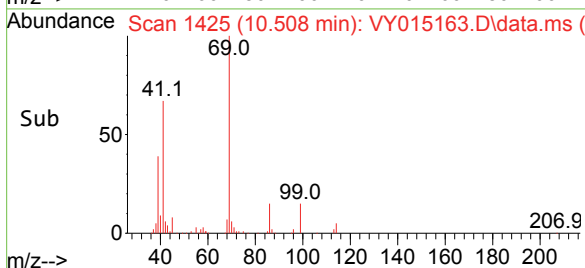
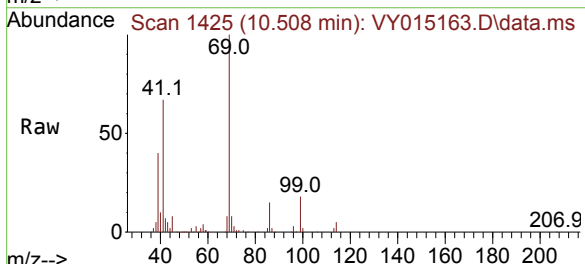
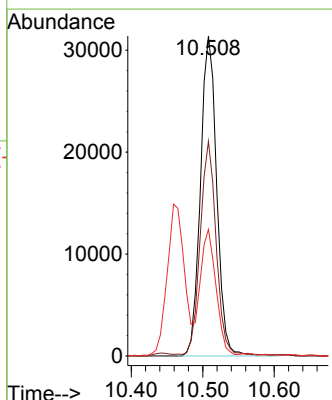
Tgt Ion: 69 Resp: 49578

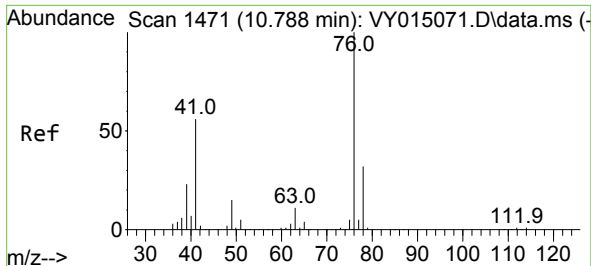
Ion Ratio Lower Upper

69 100

41 65.5 57.6 86.4

39 38.3 34.1 51.1

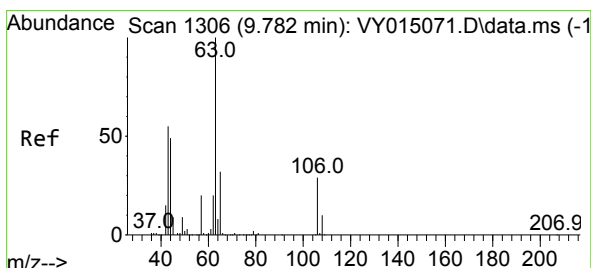
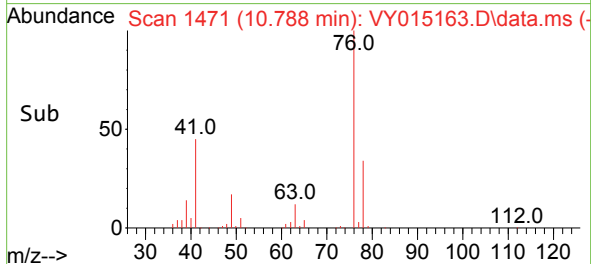
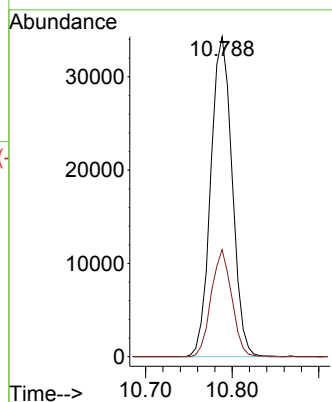
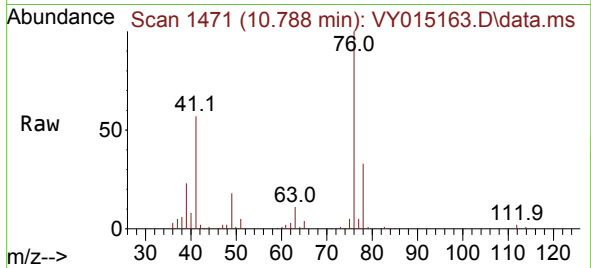




#57
1,3-Dichloropropane
Concen: 20.708 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

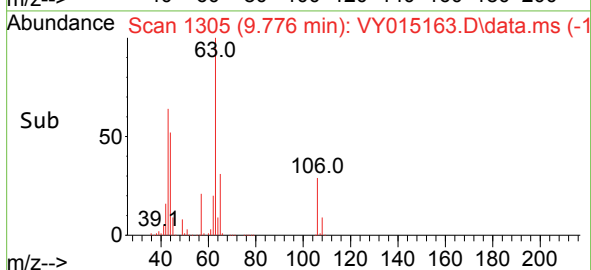
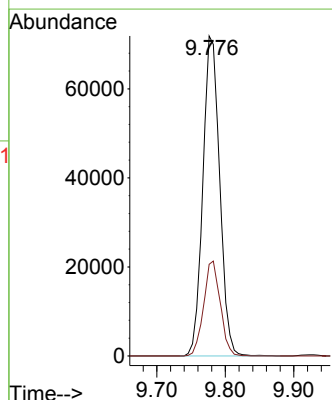
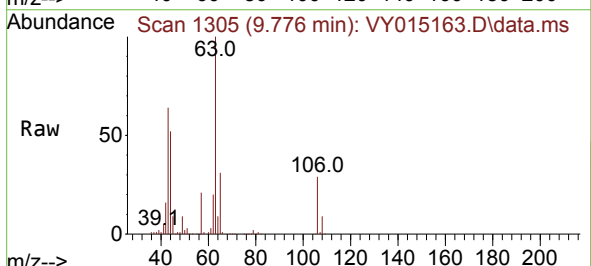
Instrument :
MSVOA_Y
ClientSampleId :

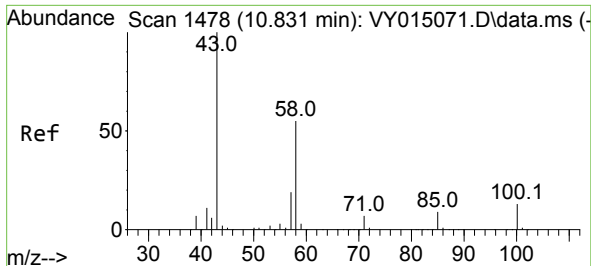
Tgt Ion: 76 Resp: 58852
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 103.833 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 63 Resp: 123014
Ion Ratio Lower Upper
63 100
106 29.3 21.2 31.8

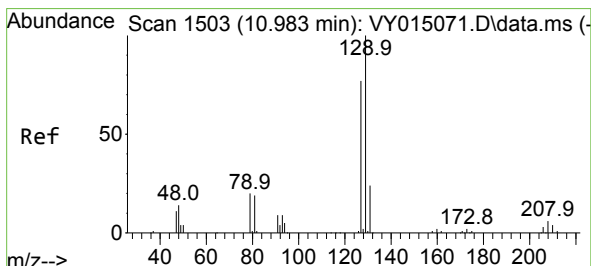
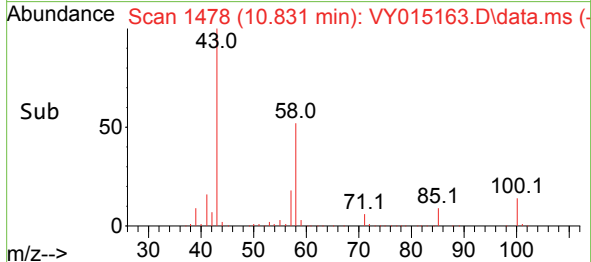
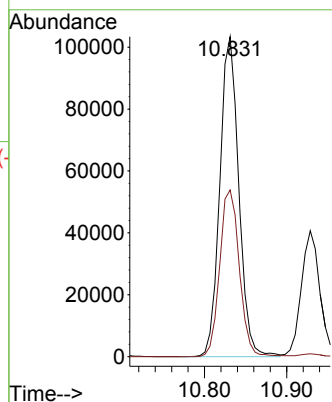
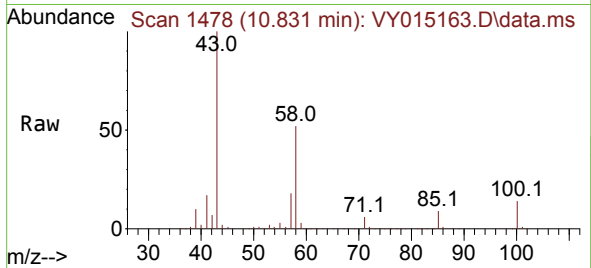




#59
2-Hexanone
Concen: 106.753 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

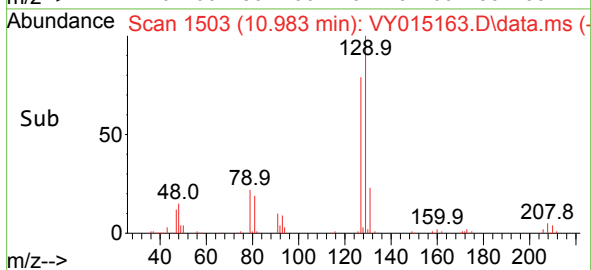
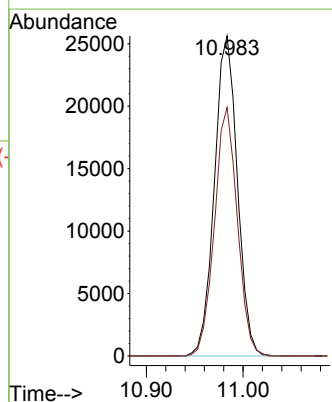
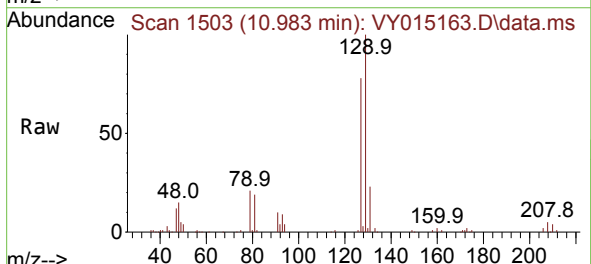
Instrument :
MSVOA_Y
ClientSampleId :

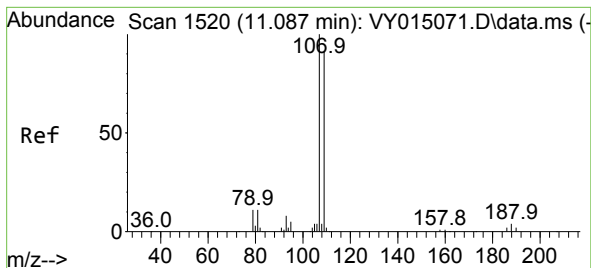
Tgt Ion: 43 Resp: 165372
Ion Ratio Lower Upper
43 100
58 54.1 25.1 75.3



#60
Dibromochloromethane
Concen: 20.324 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 129 Resp: 42173
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

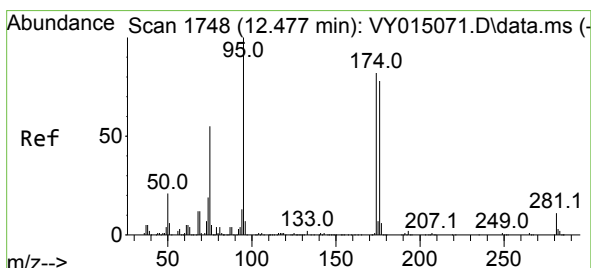
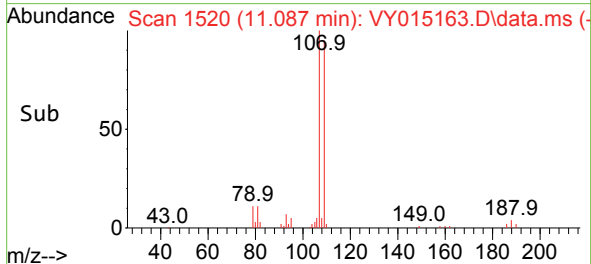
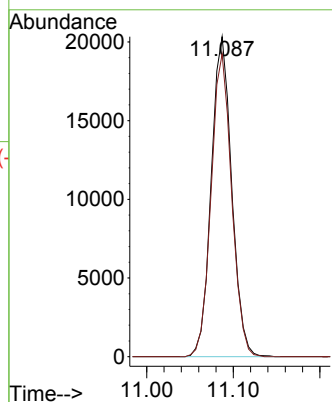
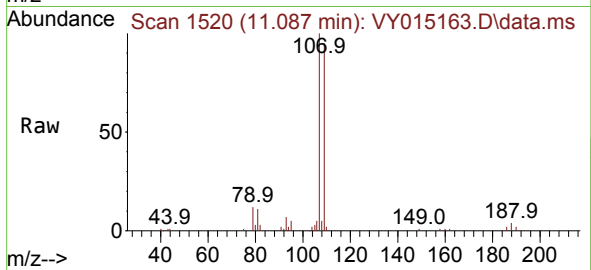




#61
1,2-Dibromoethane
Concen: 20.176 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

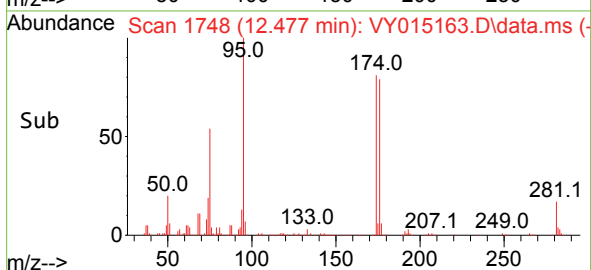
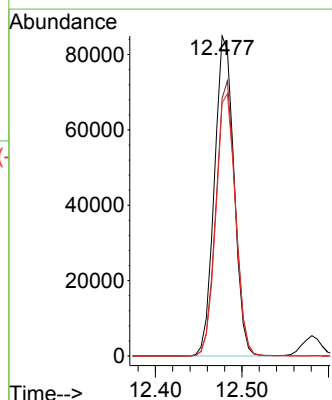
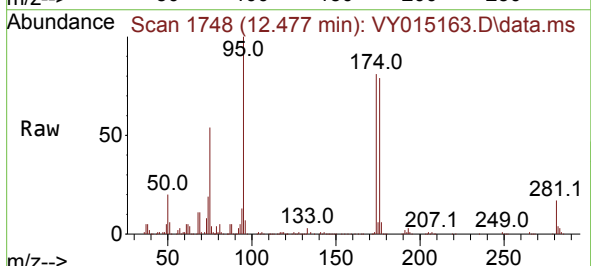
Instrument :
MSVOA_Y
ClientSampleId :

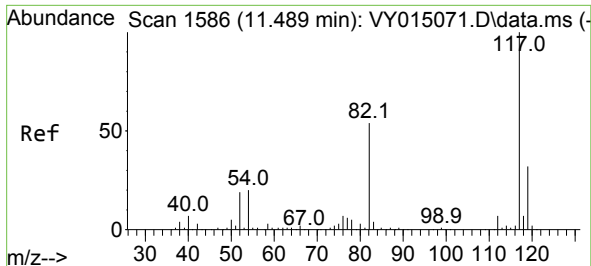
Tgt Ion:107 Resp: 33341
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.873 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 95 Resp: 133024
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 82.2 0.0 173.8

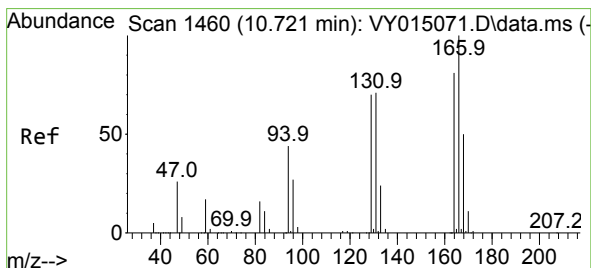
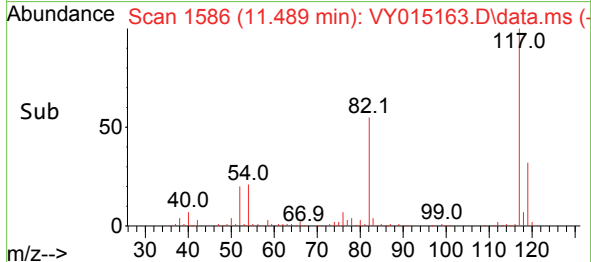
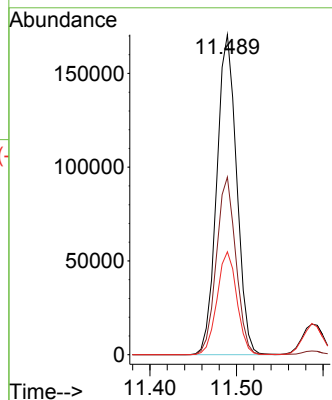
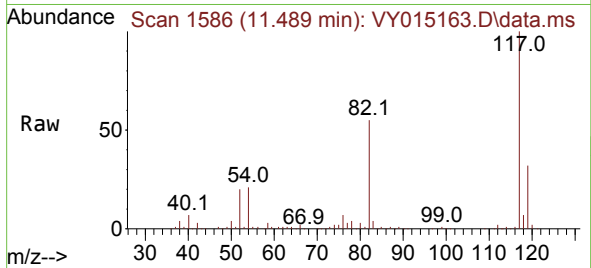




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

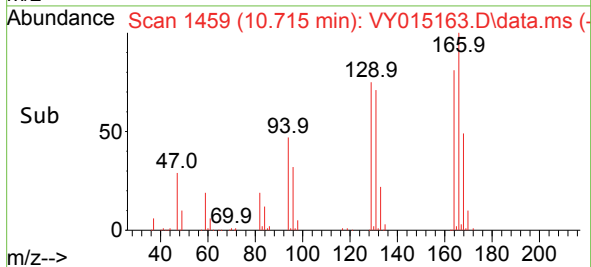
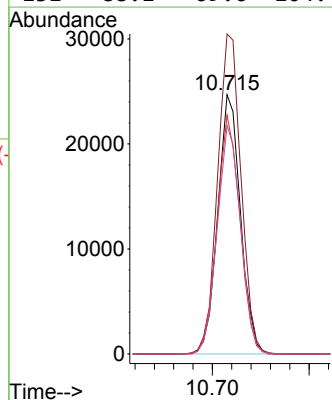
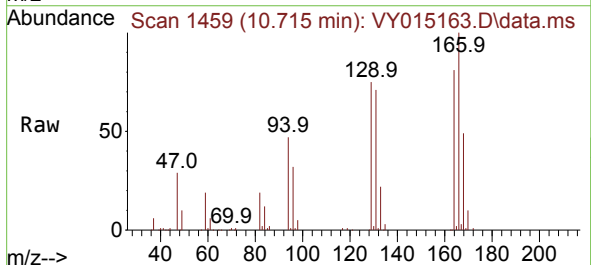
Instrument :
MSVOA_Y
ClientSampleId :

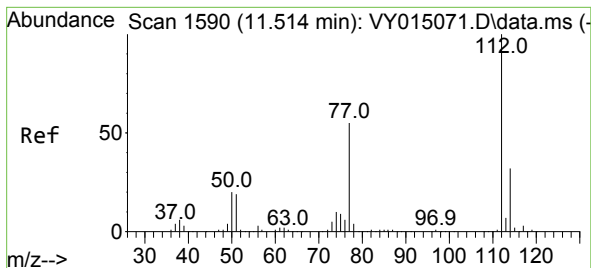
Tgt Ion:117 Resp: 272343
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 21.197 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion:164 Resp: 40220
Ion Ratio Lower Upper
164 100
166 123.4 103.0 154.6
129 92.0 77.2 115.8
131 88.1 69.6 104.4

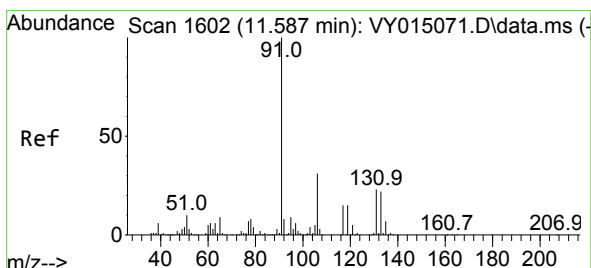
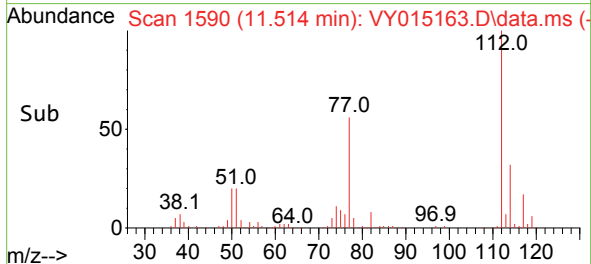
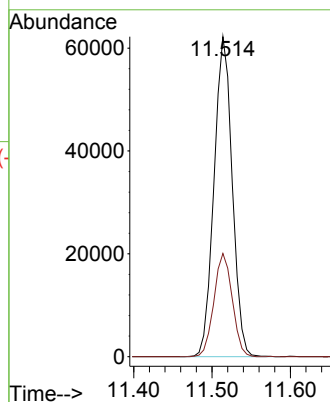
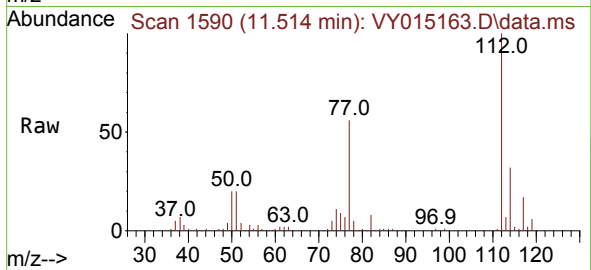




#65
Chlorobenzene
Concen: 20.240 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

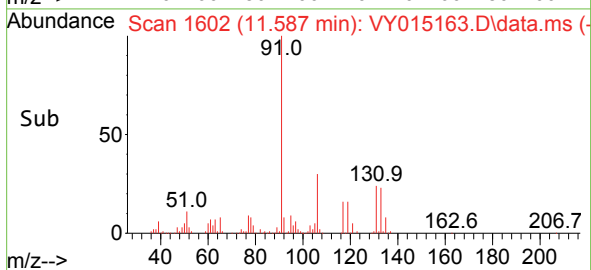
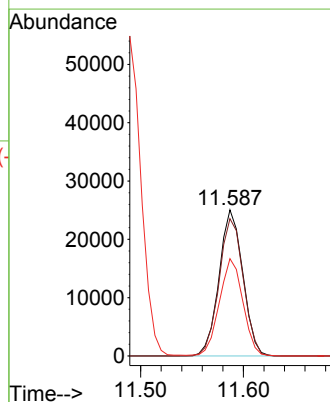
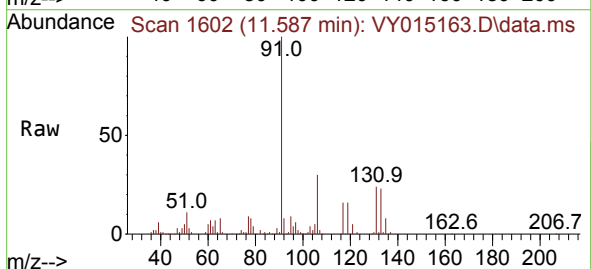
Instrument :
MSVOA_Y
ClientSampleId :

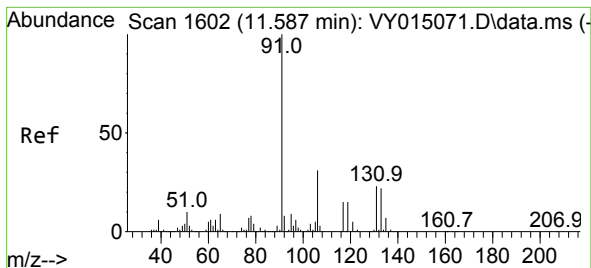
Tgt Ion:112 Resp: 100432
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.008 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion:131 Resp: 40285
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 65.9 31.6 94.7





#67

Ethyl Benzene

Concen: 19.879 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

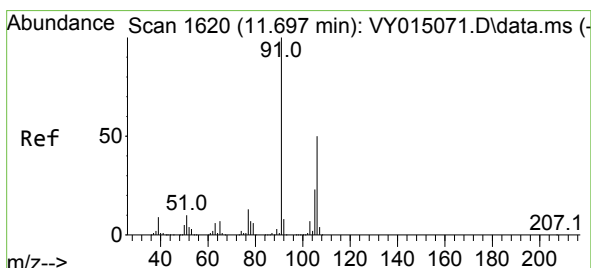
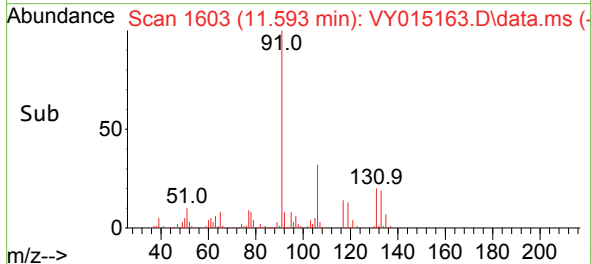
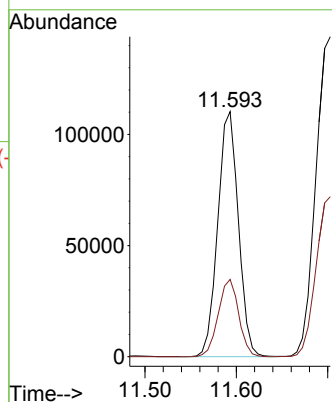
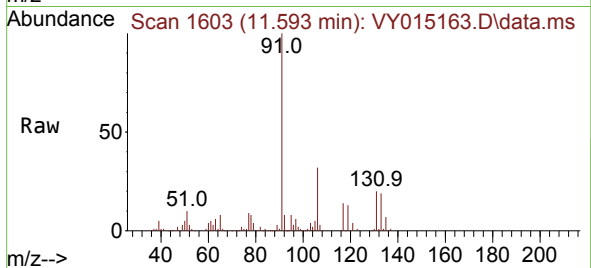
ClientSampleId :

Tgt Ion: 91 Resp: 172832

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 40.156 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015163.D

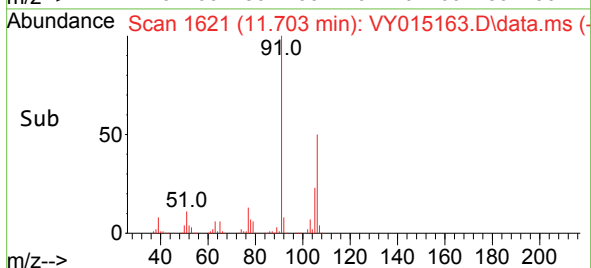
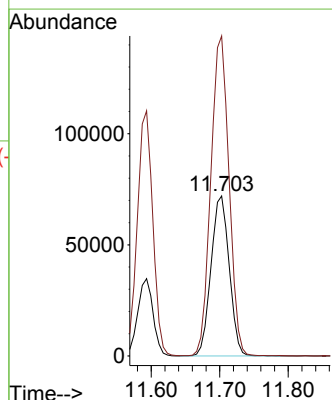
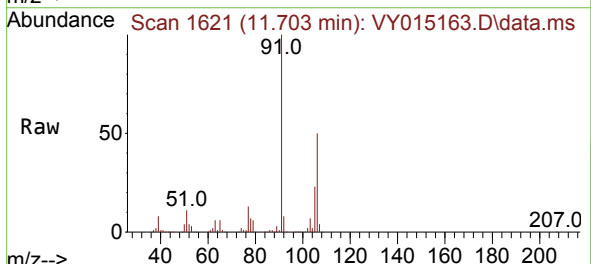
Acq: 17 Aug 2023 11:43

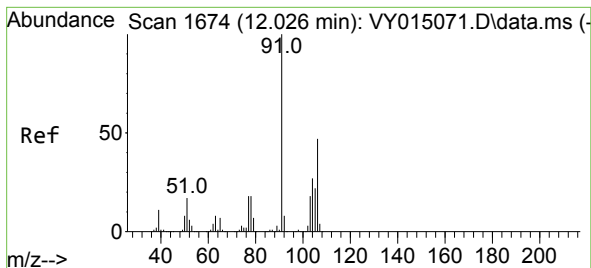
Tgt Ion:106 Resp: 132597

Ion Ratio Lower Upper

106 100

91 199.3 166.1 249.1





#69

o-Xylene

Concen: 19.700 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

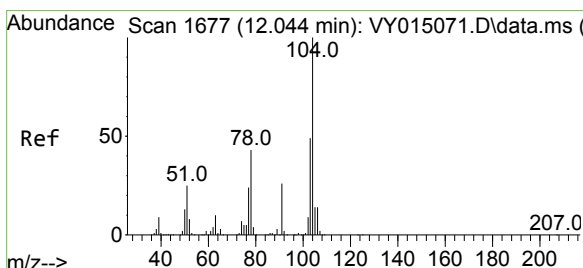
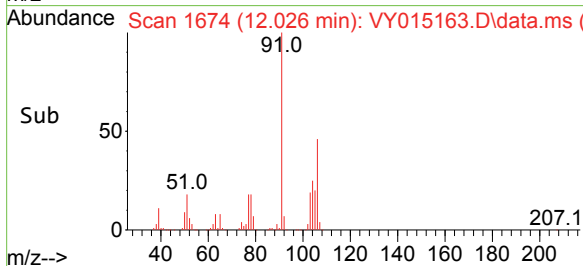
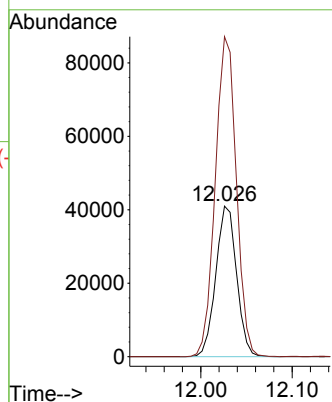
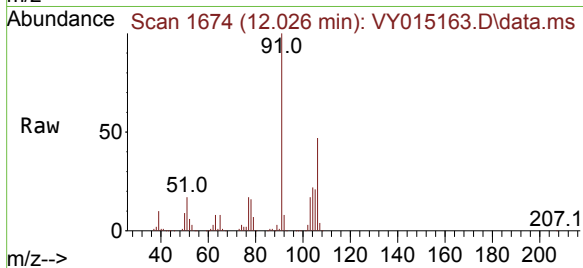
ClientSampleId :

Tgt Ion:106 Resp: 64803

Ion Ratio Lower Upper

106 100

91 215.2 108.1 324.3



#70

Styrene

Concen: 20.163 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

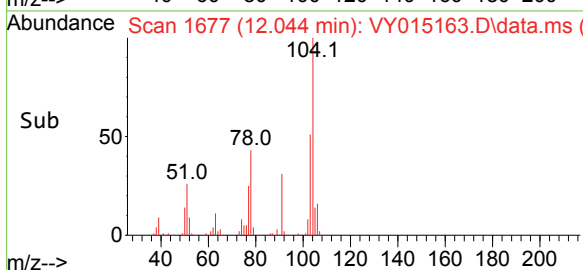
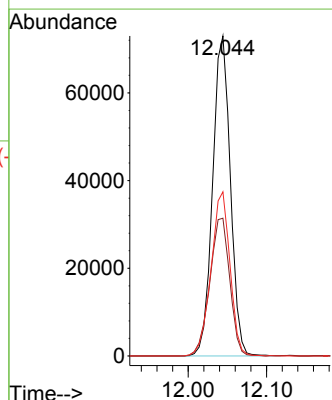
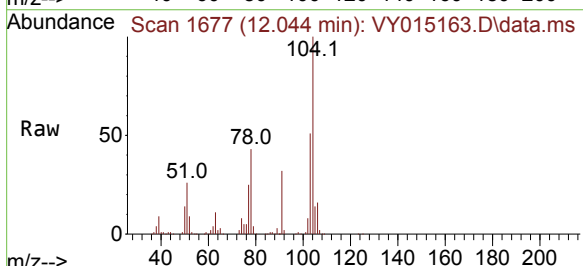
Tgt Ion:104 Resp: 114795

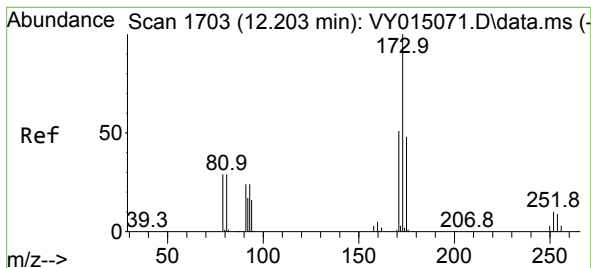
Ion Ratio Lower Upper

104 100

78 48.4 41.5 62.3

103 54.8 44.6 67.0





#71

Bromoform

Concen: 19.259 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015163.D

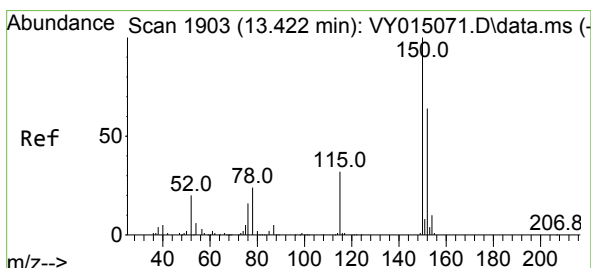
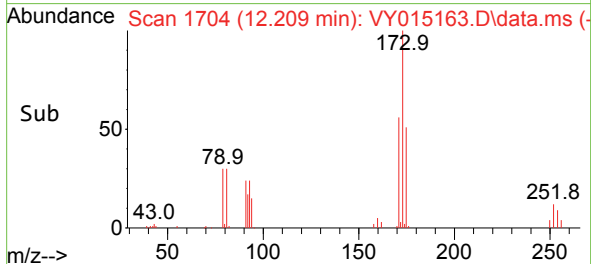
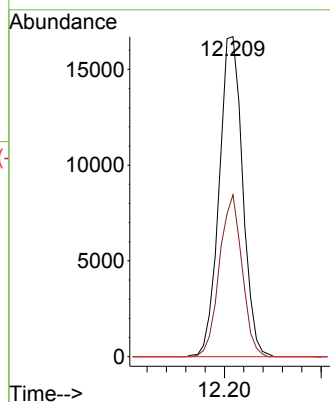
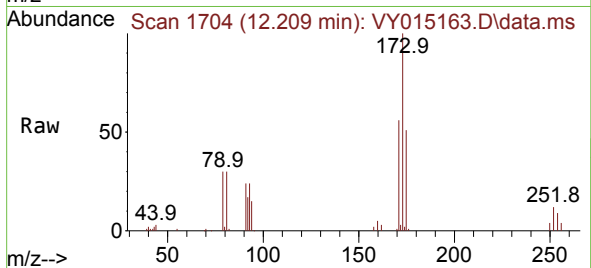
Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	28109
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

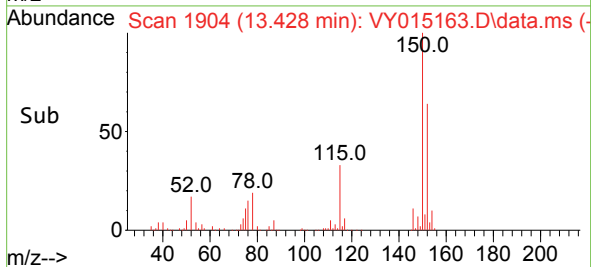
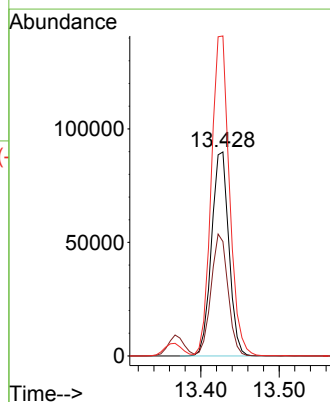
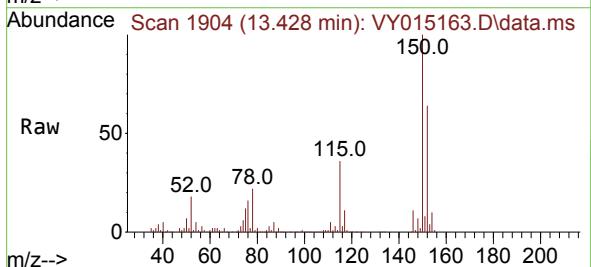
RT: 13.428 min Scan# 1904

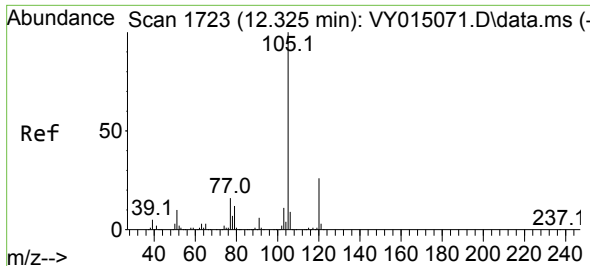
Delta R.T. 0.006 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Tgt Ion:152	Resp:	138301
Ion Ratio	Lower	Upper
152	100	
115	58.3	28.8 86.5
150	163.6	0.0 348.8

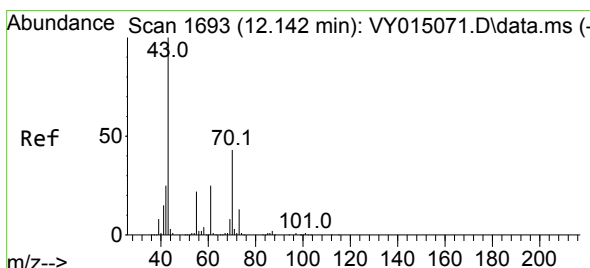
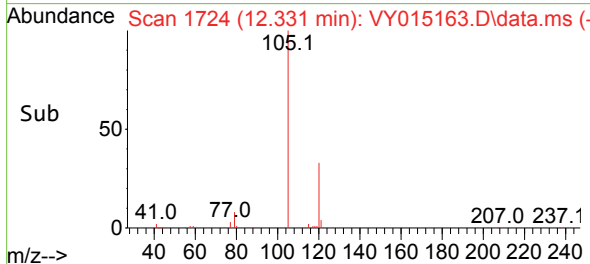
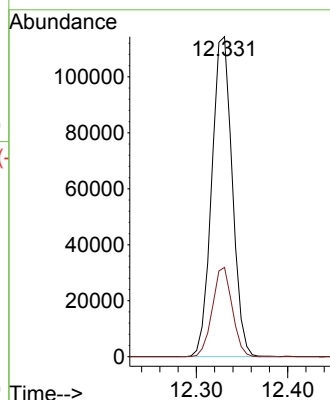
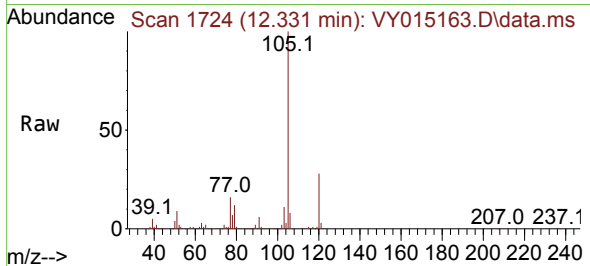




#73
Isopropylbenzene
Concen: 20.012 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

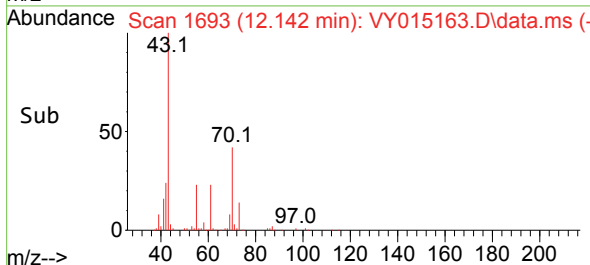
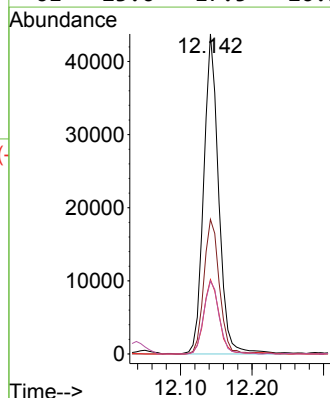
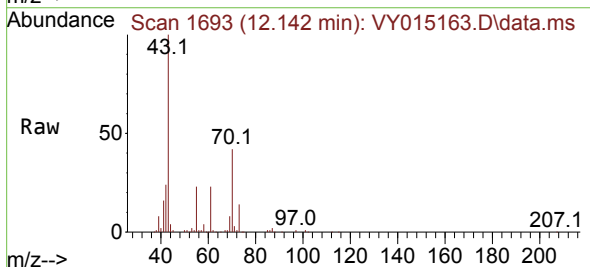
Instrument :
MSVOA_Y
ClientSampleId :

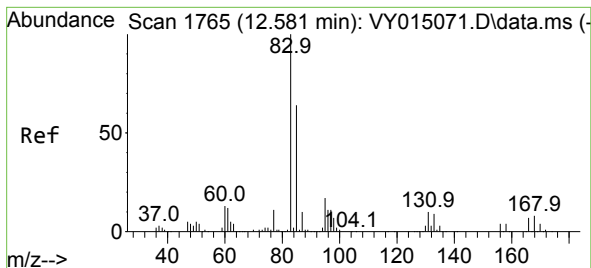
Tgt Ion:105 Resp: 177971
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 19.837 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 43 Resp: 63695
Ion Ratio Lower Upper
43 100
70 43.3 29.7 44.5
55 23.6 18.3 27.5
61 23.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.194 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

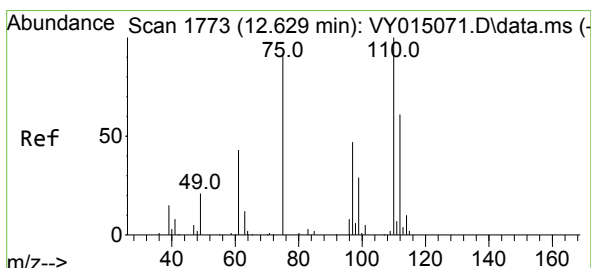
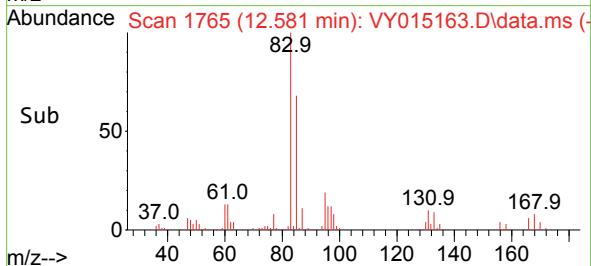
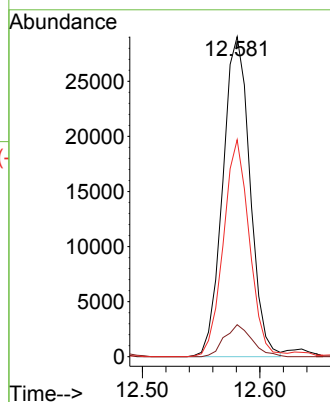
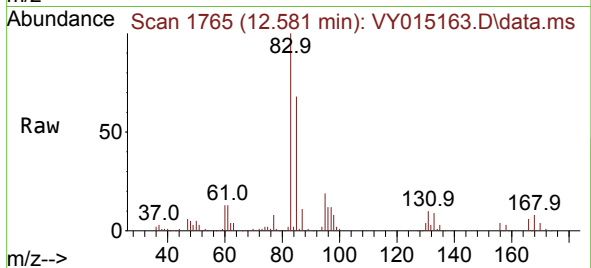
Tgt Ion: 83 Resp: 46774

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.251 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015163.D

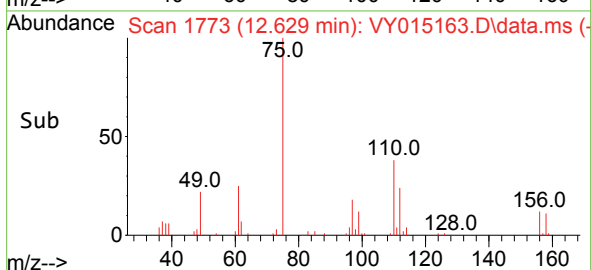
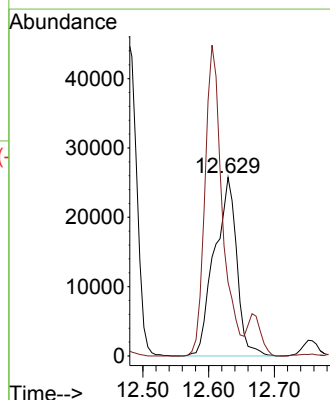
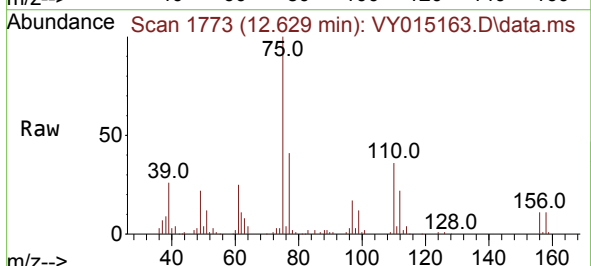
Acq: 17 Aug 2023 11:43

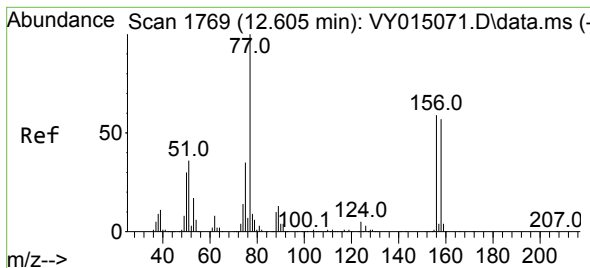
Tgt Ion: 75 Resp: 60911

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.137 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015163.D

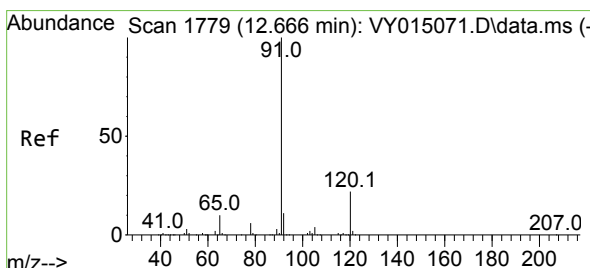
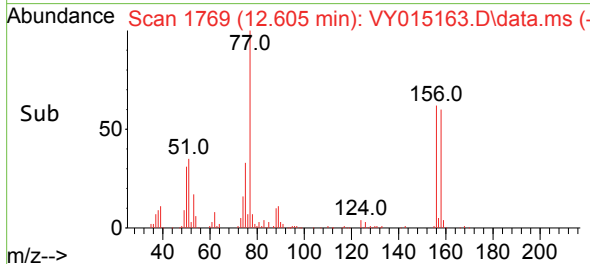
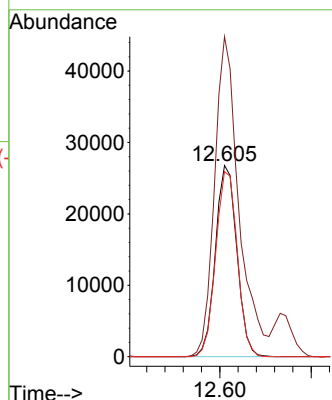
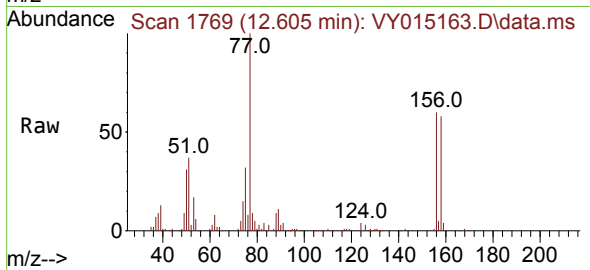
Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	43652
Ion Ratio	Lower	Upper	
156	100		
77	190.2	92.8	278.6
158	97.5	48.4	145.3



#78

n-propylbenzene

Concen: 20.129 ug/l

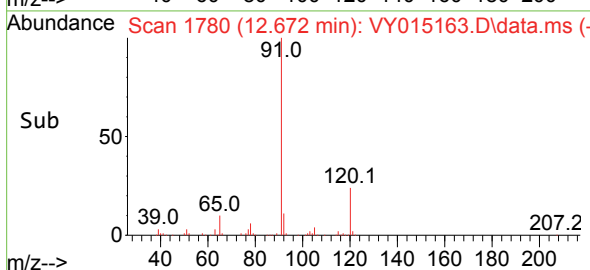
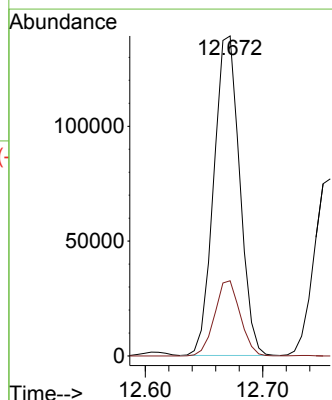
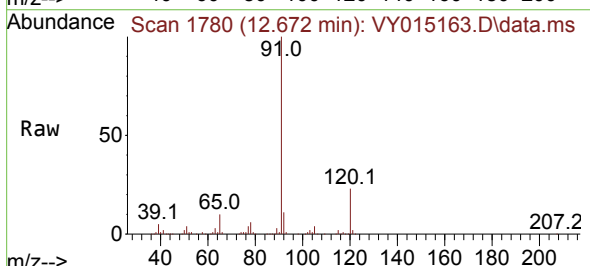
RT: 12.672 min Scan# 1780

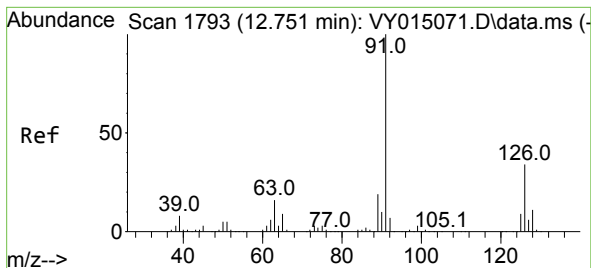
Delta R.T. 0.006 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Tgt Ion:	91	Resp:	212575
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.012 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

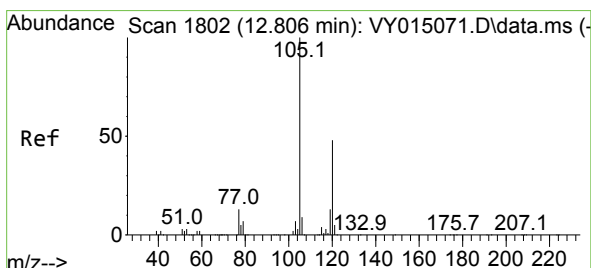
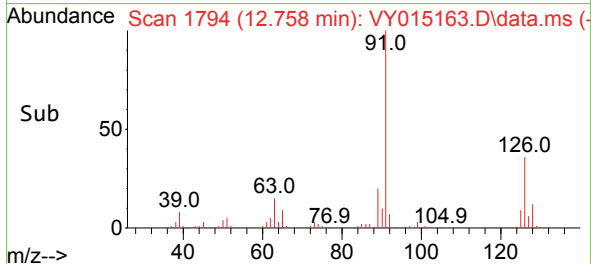
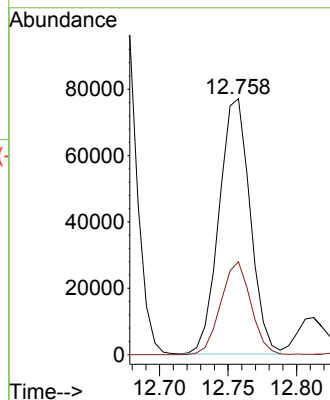
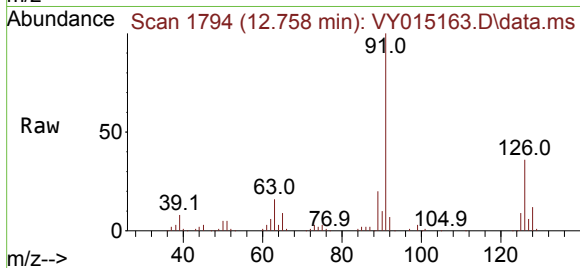
ClientSampleId :

Tgt Ion: 91 Resp: 121919

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.891 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015163.D

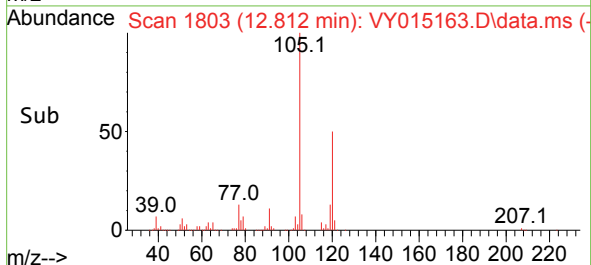
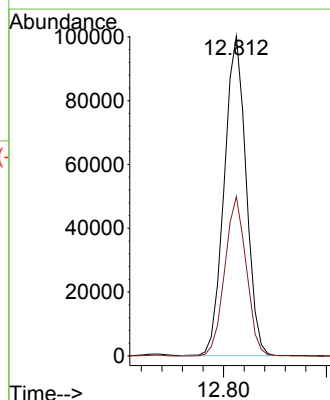
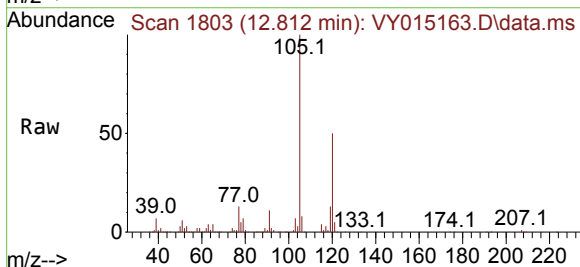
Acq: 17 Aug 2023 11:43

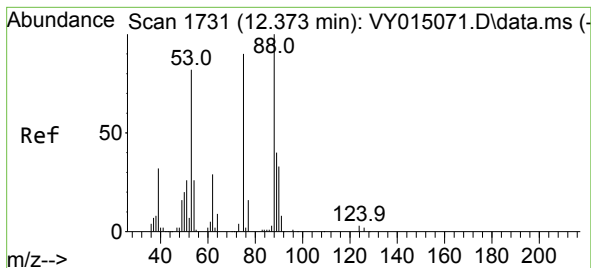
Tgt Ion:105 Resp: 147457

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

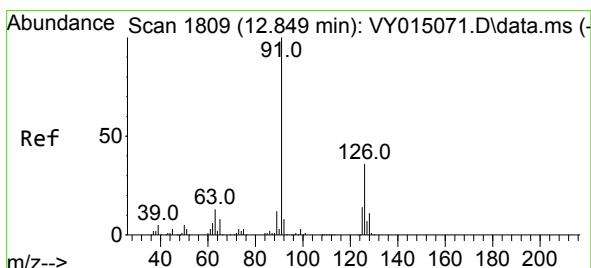
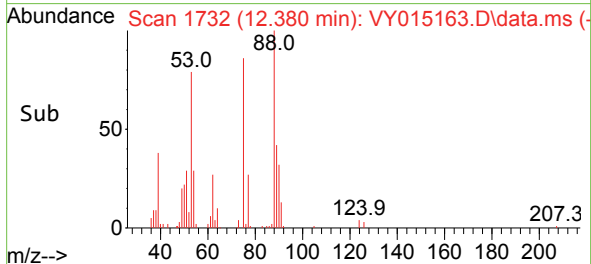
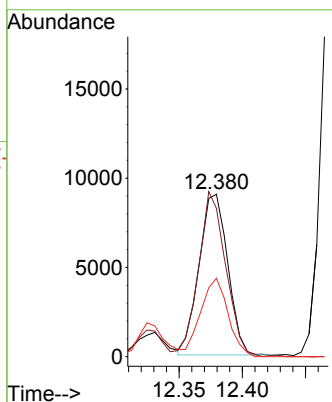
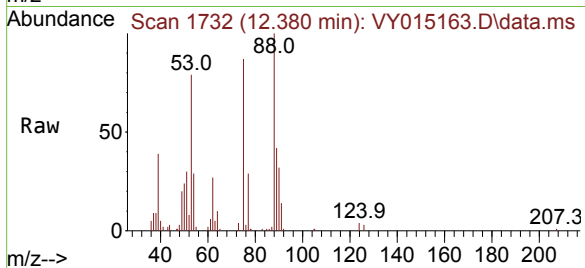




#81
trans-1,4-Dichloro-2-butene
Concen: 18.586 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

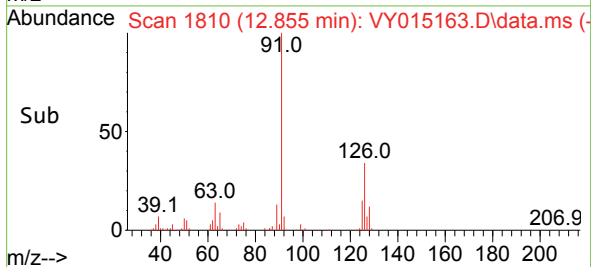
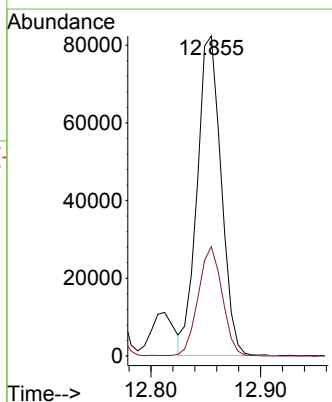
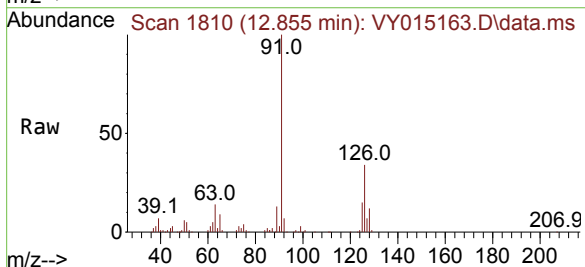
Instrument :
MSVOA_Y
ClientSampleId :

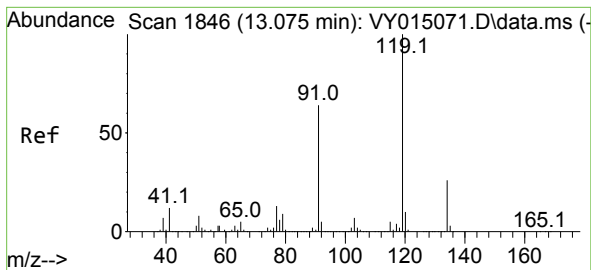
Tgt Ion: 75 Resp: 14218
Ion Ratio Lower Upper
75 100
53 98.2 77.8 116.8
89 46.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.847 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 91 Resp: 124917
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.935 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

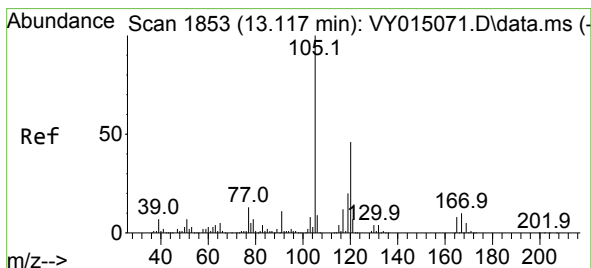
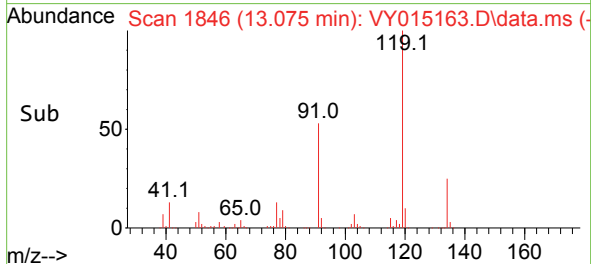
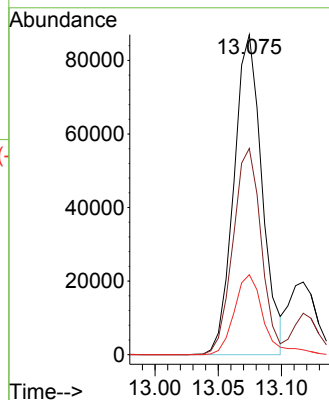
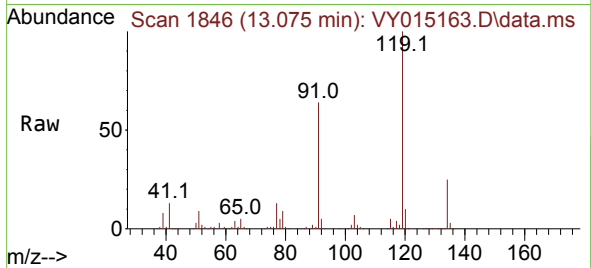
Tgt Ion:119 Resp: 135173

Ion Ratio Lower Upper

119 100

91 64.4 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.020 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015163.D

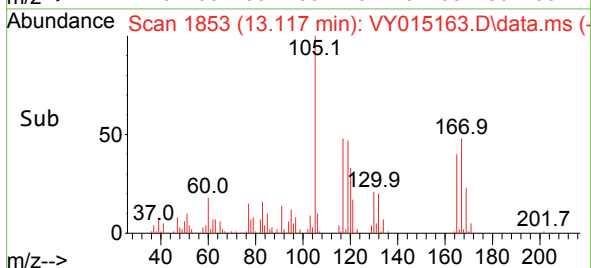
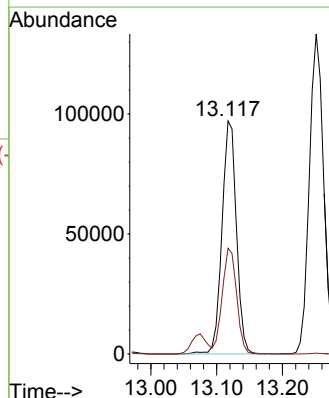
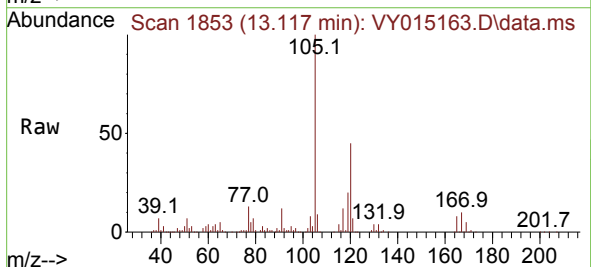
Acq: 17 Aug 2023 11:43

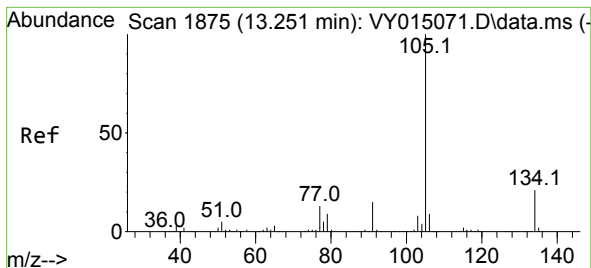
Tgt Ion:105 Resp: 148298

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.063 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

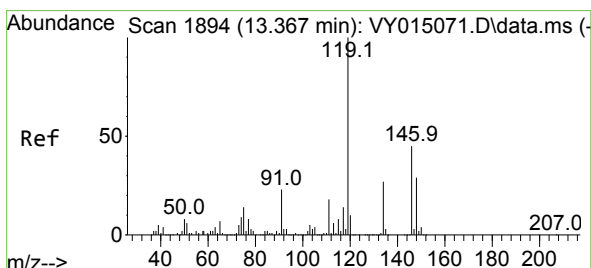
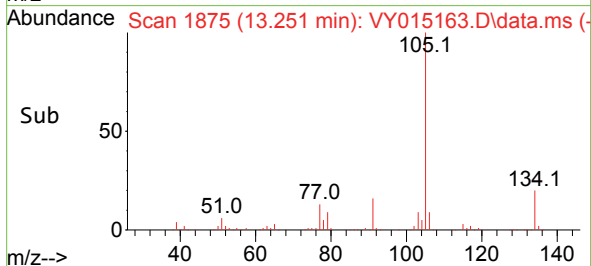
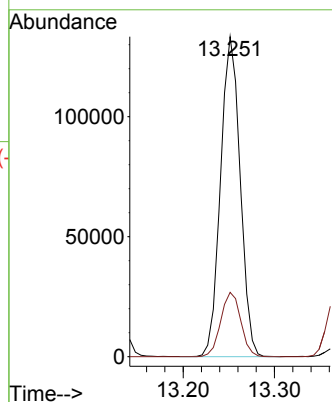
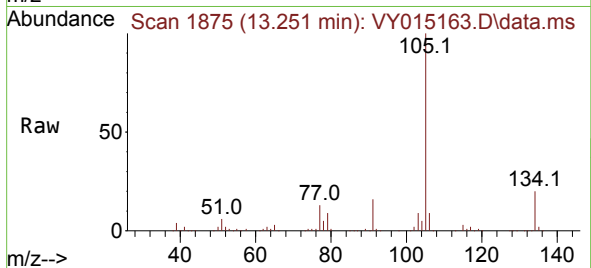
ClientSampleId :

Tgt Ion:105 Resp: 199320

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.125 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

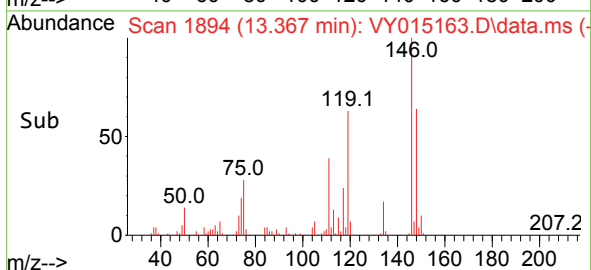
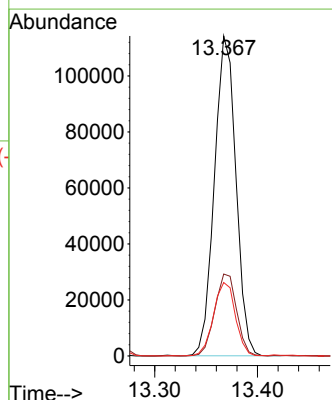
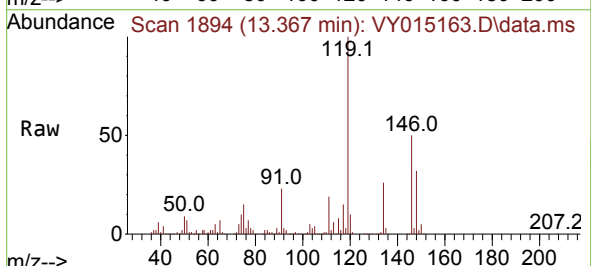
Tgt Ion:119 Resp: 165769

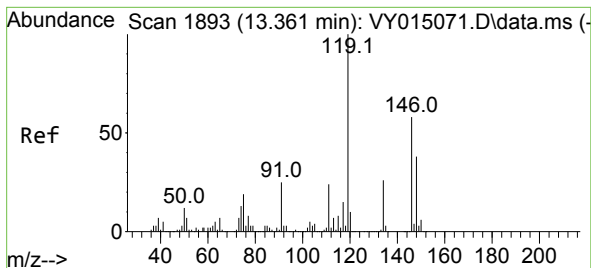
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 23.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.264 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

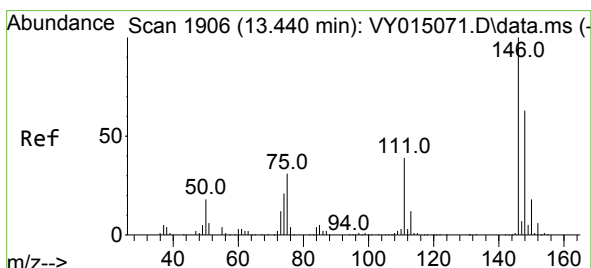
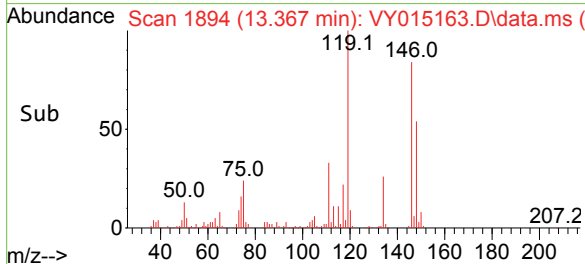
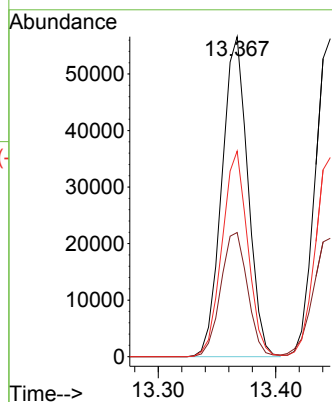
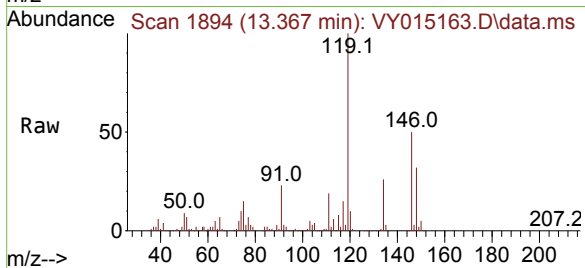
Tgt Ion:146 Resp: 87128

Ion Ratio Lower Upper

146 100

111 40.1 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.390 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

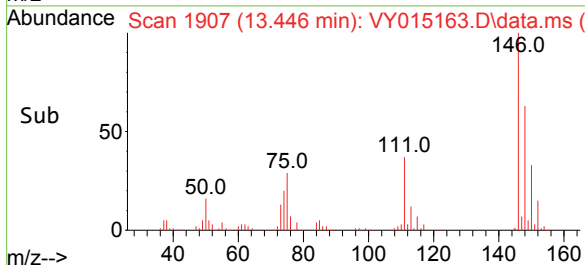
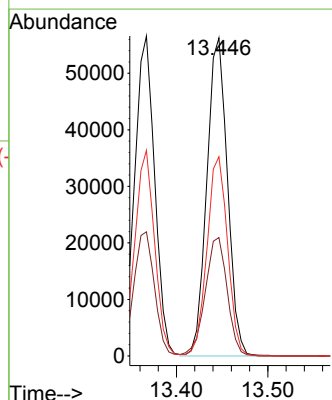
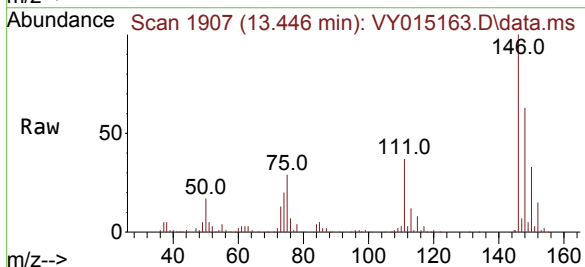
Tgt Ion:146 Resp: 87931

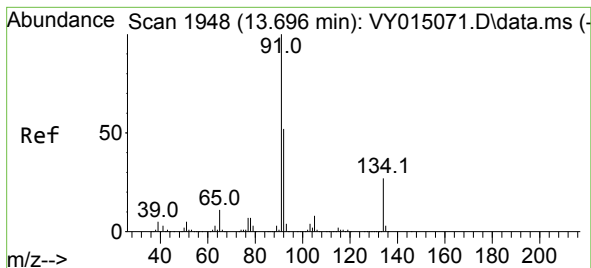
Ion Ratio Lower Upper

146 100

111 39.7 18.9 56.7

148 62.5 32.1 96.5





#89

n-Butylbenzene

Concen: 20.260 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

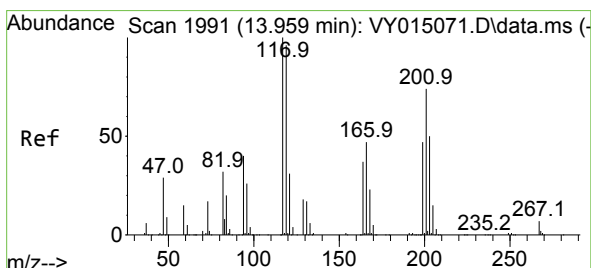
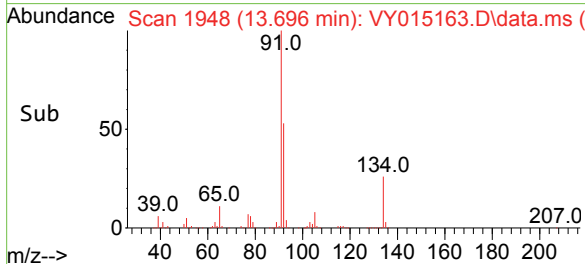
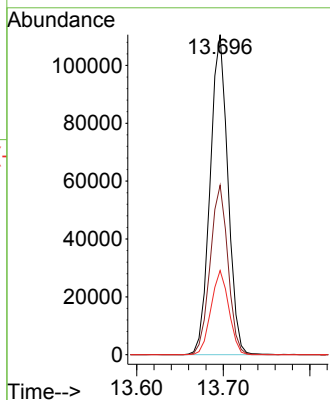
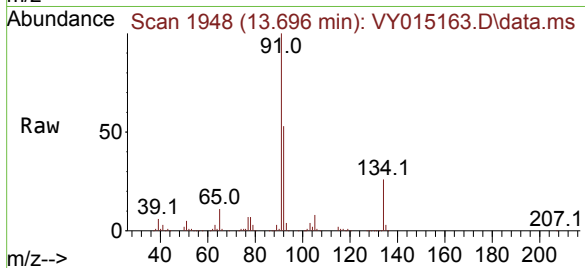
Tgt Ion: 91 Resp: 157347

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 19.429 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015163.D

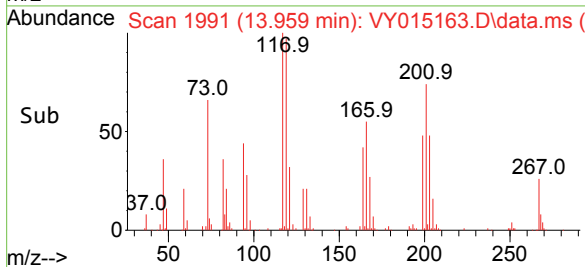
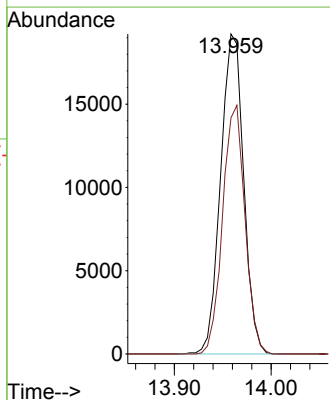
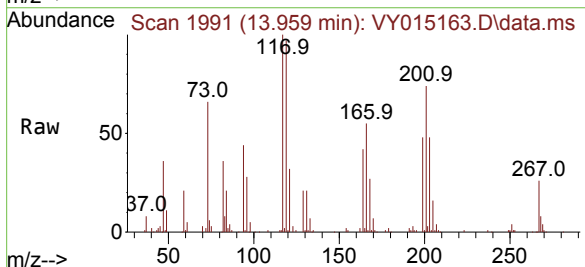
Acq: 17 Aug 2023 11:43

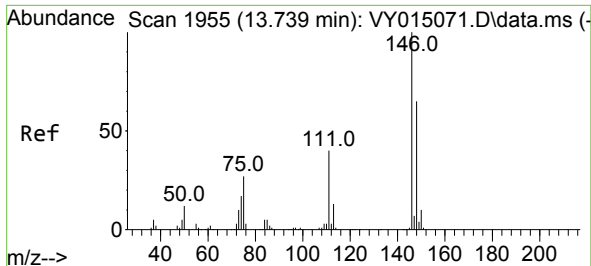
Tgt Ion: 117 Resp: 31749

Ion Ratio Lower Upper

117 100

201 75.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.416 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

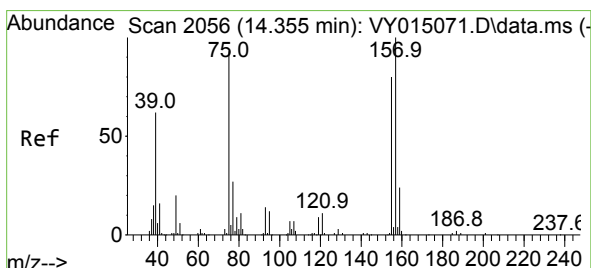
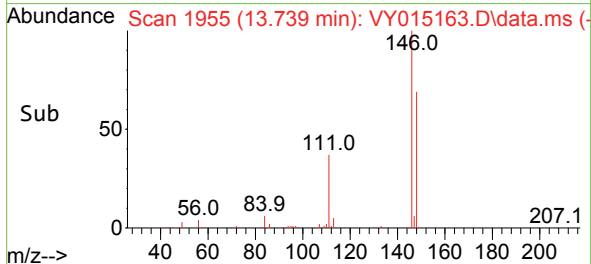
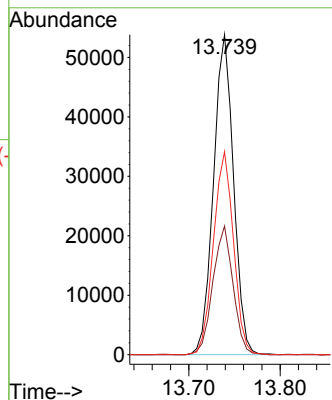
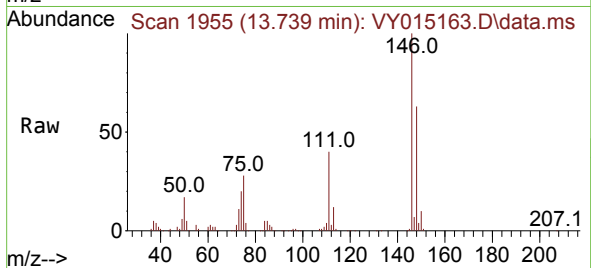
Tgt Ion:146 Resp: 82003

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.0

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.820 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

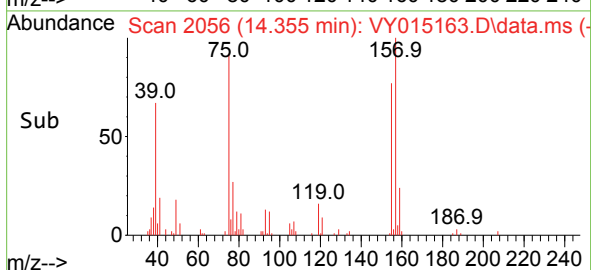
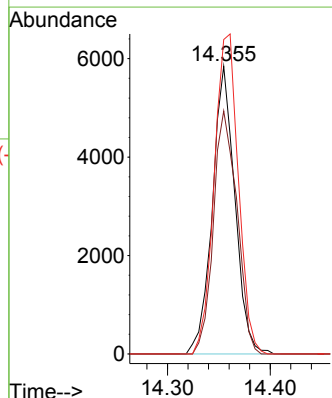
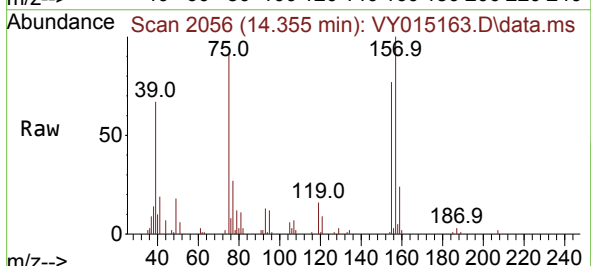
Tgt Ion: 75 Resp: 8893

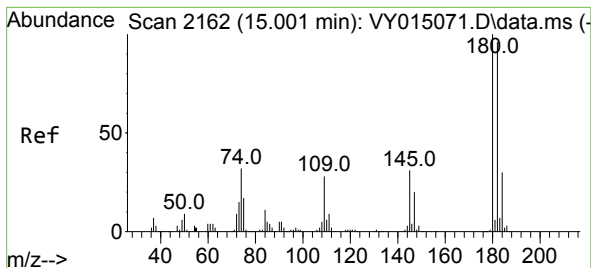
Ion Ratio Lower Upper

75 100

155 88.4 41.5 124.6

157 118.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.918 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

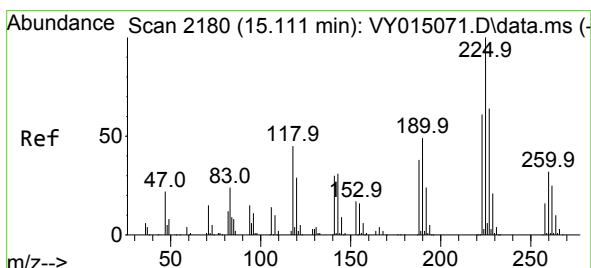
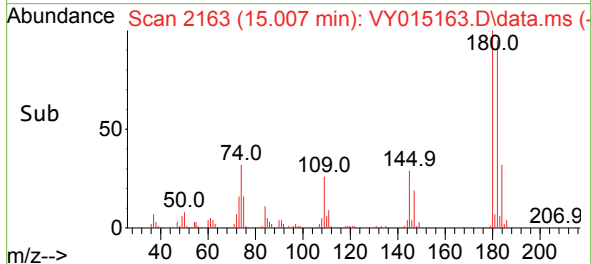
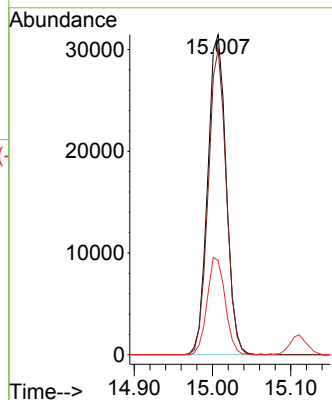
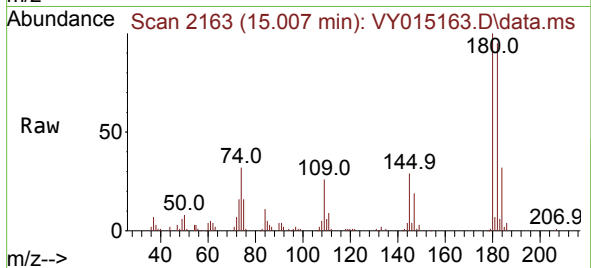
Tgt Ion:180 Resp: 51361

Ion Ratio Lower Upper

180 100

182 93.4 47.0 141.2

145 29.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.943 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015163.D

Acq: 17 Aug 2023 11:43

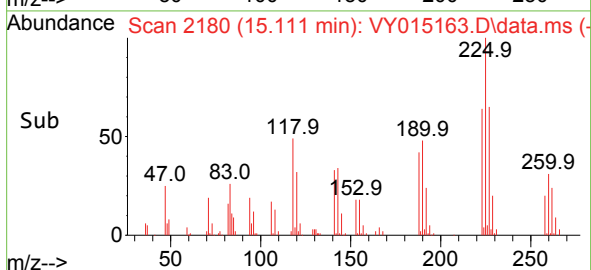
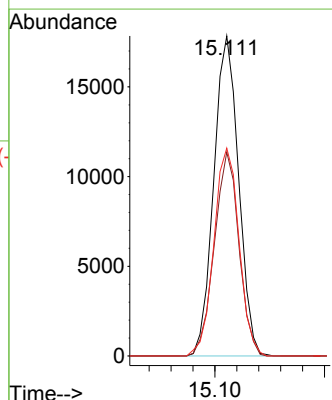
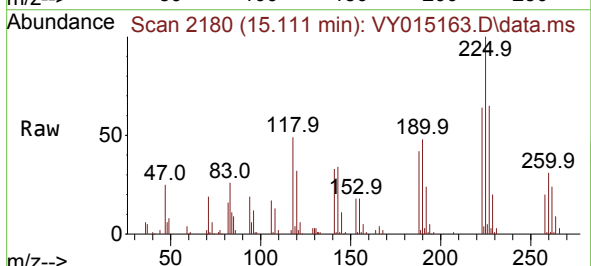
Tgt Ion:225 Resp: 27973

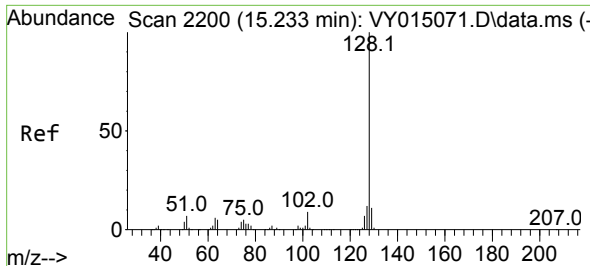
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

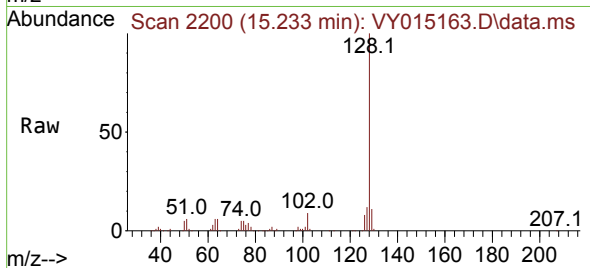
227 66.0 33.0 98.9



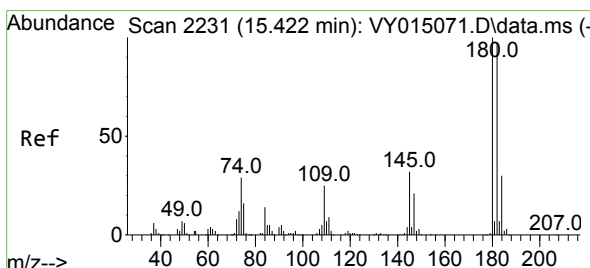
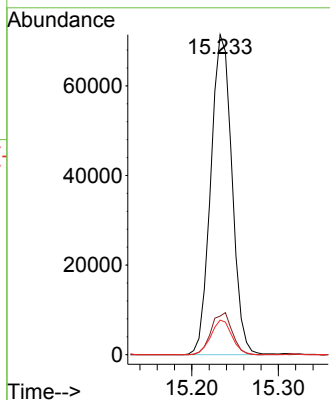
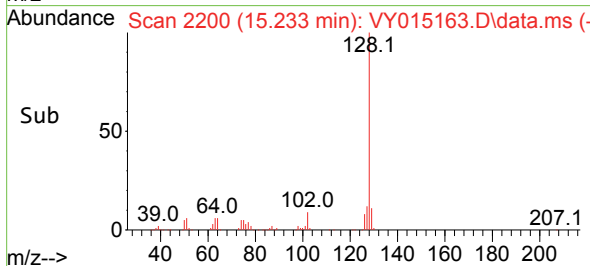


#95
Naphthalene
Concen: 18.926 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43

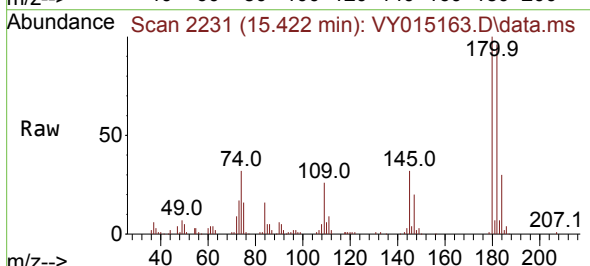
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 121572
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.150 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY015163.D
Acq: 17 Aug 2023 11:43



Tgt Ion:180 Resp: 46926
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.8
145 31.6 15.4 46.2

