

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014611.D
 Acq On : 10 Jul 2023 12:32
 Operator : SY/MD
 Sample : VY0710SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 03:15:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	328092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	473247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	434269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	235377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	150781	46.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.400%
35) Dibromofluoromethane	7.716	113	146988	50.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.179	98	568155	49.317	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.477	95	192213	48.048	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	62998	24.439	ug/l	98
3) Chloromethane	2.113	50	85196	22.421	ug/l	100
4) Vinyl Chloride	2.247	62	101005	23.061	ug/l	95
5) Bromomethane	2.631	94	74879	22.048	ug/l	100
6) Chloroethane	2.784	64	63798	22.623	ug/l	96
7) Trichlorofluoromethane	3.119	101	117424	22.075	ug/l	99
8) Diethyl Ether	3.527	74	40037	19.878	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	67527	21.258	ug/l	98
10) Methyl Iodide	4.088	142	74069	20.433	ug/l	92
11) Tert butyl alcohol	4.960	59	41992	59.547	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	62284	20.240	ug/l	86
13) Acrolein	3.723	56	40317	92.823	ug/l	100
14) Allyl chloride	4.472	41	86517	18.653	ug/l #	87
15) Acrylonitrile	5.161	53	99776	86.293	ug/l	99
16) Acetone	3.948	43	87838	86.178	ug/l #	85
17) Carbon Disulfide	4.192	76	187281	19.970	ug/l	99
18) Methyl Acetate	4.479	43	80047	17.252	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	163872	18.528	ug/l	99
20) Methylene Chloride	4.710	84	96280	23.408	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	67699	19.435	ug/l	89
22) Diisopropyl ether	6.118	45	182773	19.124	ug/l	92
23) Vinyl Acetate	6.058	43	511160	92.441	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	117018	19.503	ug/l	96
25) 2-Butanone	6.984	43	128246	84.976	ug/l	91
26) 2,2-Dichloropropane	6.978	77	96059	18.783	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	74561	18.870	ug/l	90
28) Bromochloromethane	7.332	49	52927	21.008	ug/l	86
29) Tetrahydrofuran	7.344	42	88696	91.114	ug/l	89
30) Chloroform	7.508	83	123844	19.787	ug/l	98
31) Cyclohexane	7.783	56	98454	19.227	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	106024	19.818	ug/l	97
36) 1,1-Dichloropropene	7.917	75	90773	20.339	ug/l	97
37) Ethyl Acetate	7.076	43	57651	18.836	ug/l #	94
38) Carbon Tetrachloride	7.899	117	97501	20.928	ug/l	99
39) Methylcyclohexane	9.185	83	110048	20.629	ug/l	93
40) Benzene	8.161	78	266761	19.746	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	78362	52.407	ug/l #	38
42) 1,2-Dichloroethane	8.234	62	78315	19.723	ug/l	92
43) Isopropyl Acetate	8.271	43	97684	18.833	ug/l #	91
44) Trichloroethene	8.935	130	77699	20.630	ug/l	89
45) 1,2-Dichloropropane	9.215	63	68112	19.653	ug/l	95
46) Dibromomethane	9.307	93	42293	20.045	ug/l	94
47) Bromodichloromethane	9.496	83	93193	20.047	ug/l	97
48) Methyl methacrylate	9.289	41	44339	18.798	ug/l #	79
49) 1,4-Dioxane	9.295	88	13715	364.032	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	289198	94.179	ug/l	90
52) Toluene	10.240	92	169240	19.907	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	97338	19.580	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	109126	19.675	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	61325	19.975	ug/l	93
56) Ethyl methacrylate	10.508	69	79590	19.058	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	97528	19.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	201428	99.562	ug/l	96
59) 2-Hexanone	10.831	43	206960	93.302	ug/l	89
60) Dibromochloromethane	10.983	129	72157	20.059	ug/l	100
61) 1,2-Dibromoethane	11.087	107	60722	20.259	ug/l	99
64) Tetrachloroethene	10.715	164	79967	20.599	ug/l	97
65) Chlorobenzene	11.514	112	183854	19.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	71114	20.217	ug/l	98
67) Ethyl Benzene	11.593	91	311809	19.757	ug/l	98
68) m/p-Xylenes	11.703	106	252362	40.312	ug/l	93
69) o-Xylene	12.026	106	115616	19.472	ug/l	96
70) Styrene	12.044	104	200637	19.640	ug/l	97
71) Bromoform	12.203	173	54574	20.422	ug/l #	99
73) Isopropylbenzene	12.325	105	309476	20.076	ug/l	99
74) N-amyl acetate	12.142	43	89240	19.181	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	78376	19.812	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	99955	36.189	ug/l #	100
77) Bromobenzene	12.605	156	84440	20.055	ug/l	94
78) n-propylbenzene	12.672	91	384267	20.435	ug/l	99
79) 2-Chlorotoluene	12.751	91	216098	19.969	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	264602	20.276	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	26510	18.681	ug/l	88
82) 4-Chlorotoluene	12.855	91	227633	20.078	ug/l	97
83) tert-Butylbenzene	13.075	119	229105	19.976	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	259251	19.908	ug/l	98
85) sec-Butylbenzene	13.251	105	346088	20.449	ug/l	99
86) p-Isopropyltoluene	13.367	119	290224	20.377	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	165706	20.129	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	162185	19.658	ug/l	99
89) n-Butylbenzene	13.696	91	267192	20.299	ug/l	98
90) Hexachloroethane	13.959	117	58062	20.580	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	148974	19.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14435	19.931	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	96138	19.961	ug/l	97
94) Hexachlorobutadiene	15.111	225	64932	21.935	ug/l	99
95) Naphthalene	15.233	128	188814	18.426	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	88144	20.086	ug/l	99

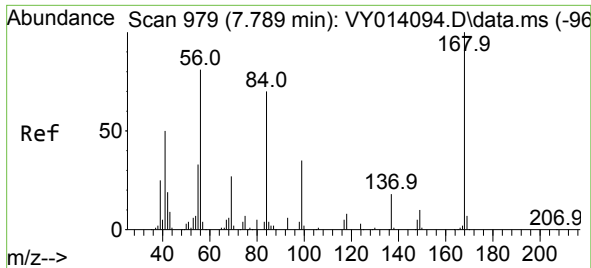
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
Data File : VY014611.D
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Operator : SY/MD
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Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

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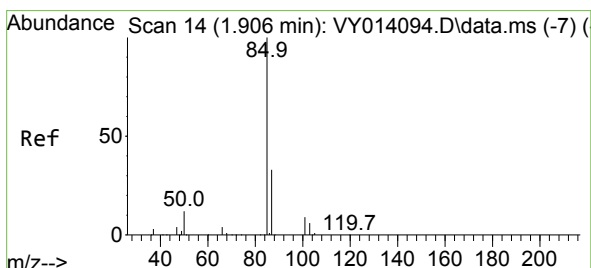
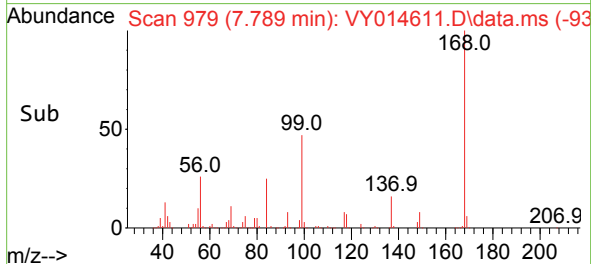
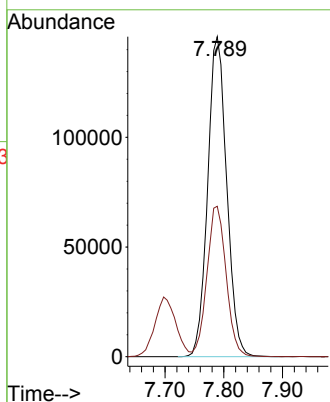
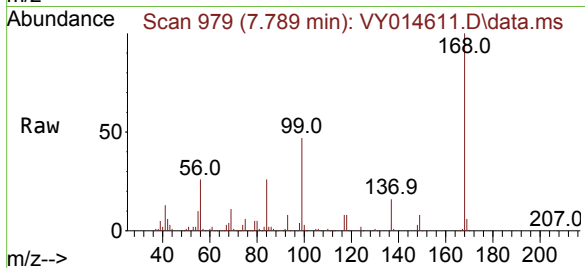
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

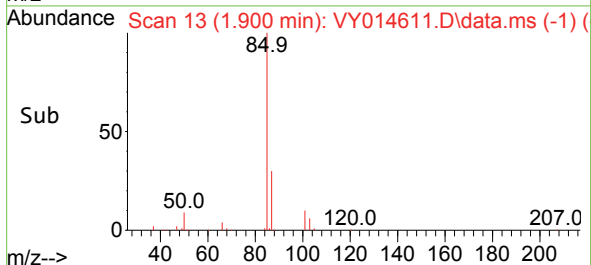
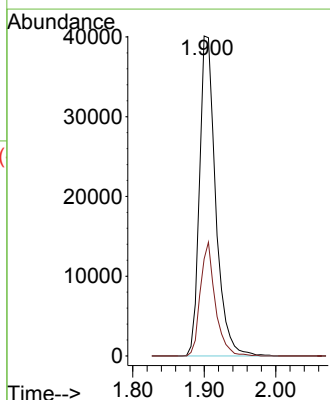
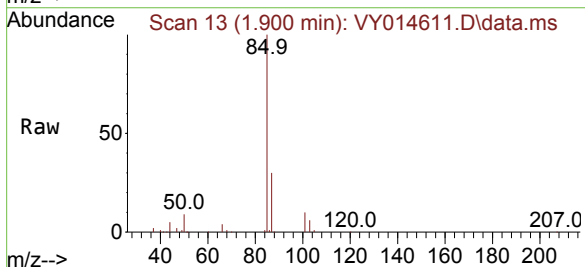
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MSVOA_Y
ClientSampleId :

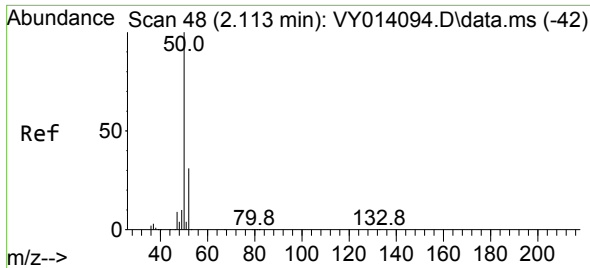
Tgt Ion:168 Resp: 328092
Ion Ratio Lower Upper
168 100
99 47.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 24.439 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 85 Resp: 62998
Ion Ratio Lower Upper
85 100
87 30.3 15.6 46.8

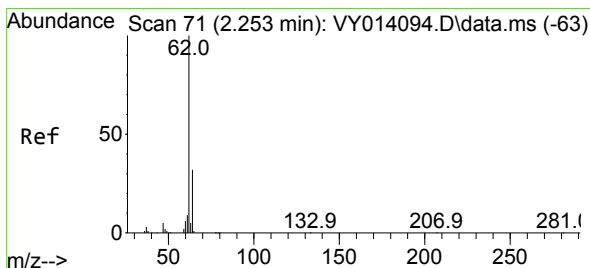
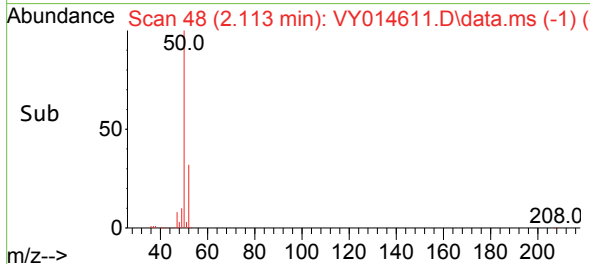
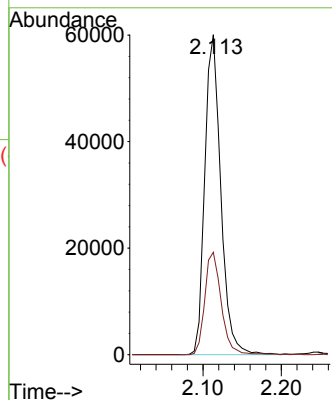
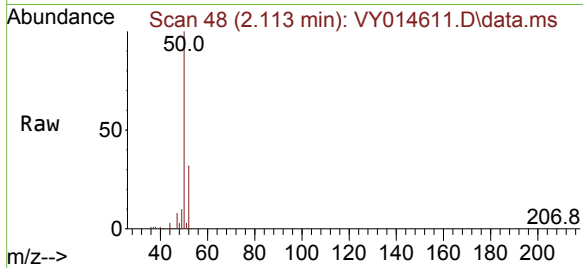




#3
Chloromethane
Concen: 22.421 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

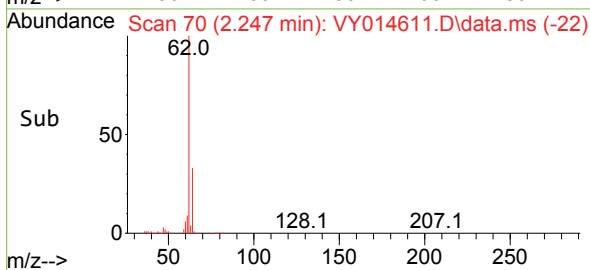
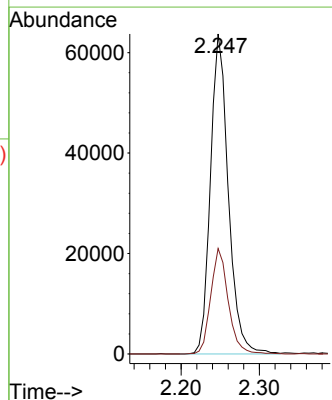
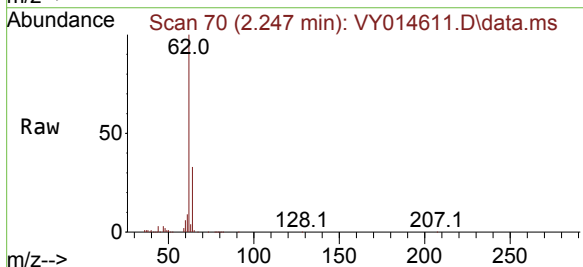
Instrument :
MSVOA_Y
ClientSampleId :

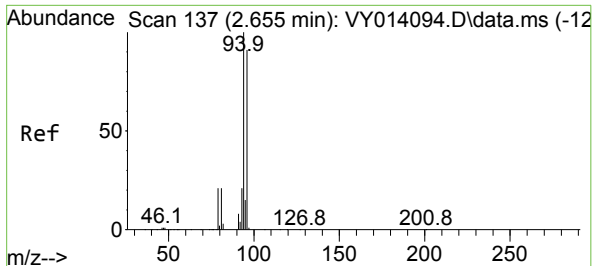
Tgt Ion: 50 Resp: 85196
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2



#4
Vinyl Chloride
Concen: 23.061 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 62 Resp: 101005
Ion Ratio Lower Upper
62 100
64 32.9 24.3 36.5

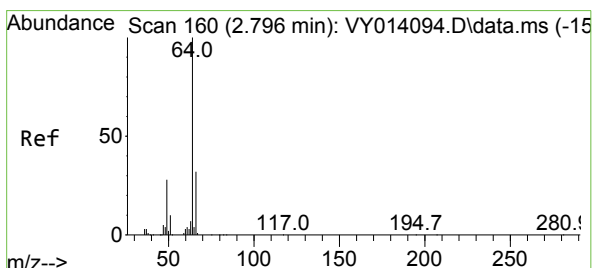
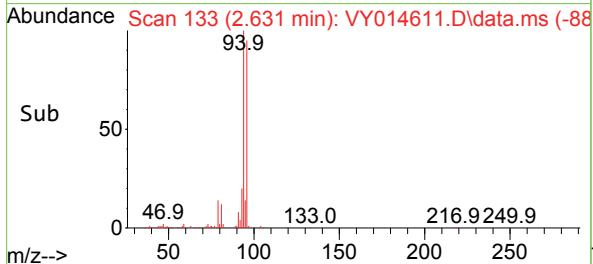
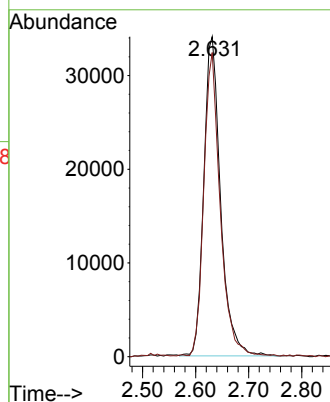
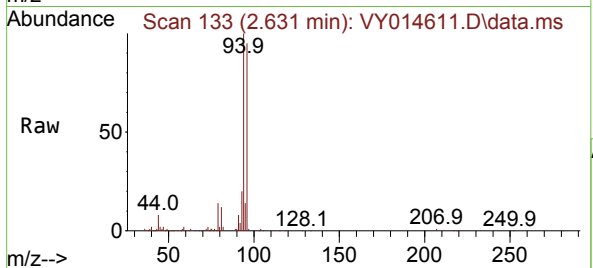




#5
Bromomethane
Concen: 22.048 ug/l
RT: 2.631 min Scan# 111
Delta R.T. -0.024 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

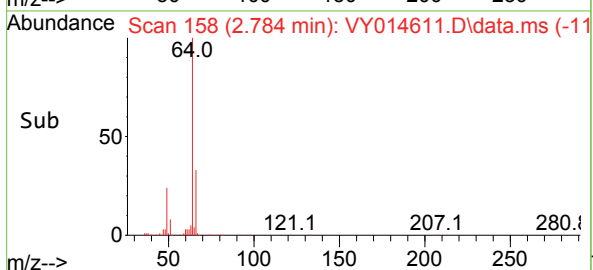
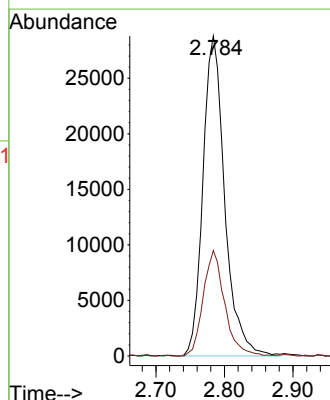
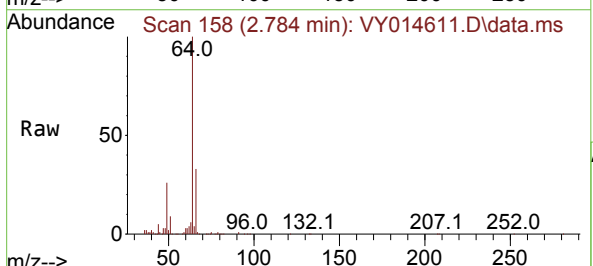
Instrument :
MSVOA_Y
ClientSampleId :

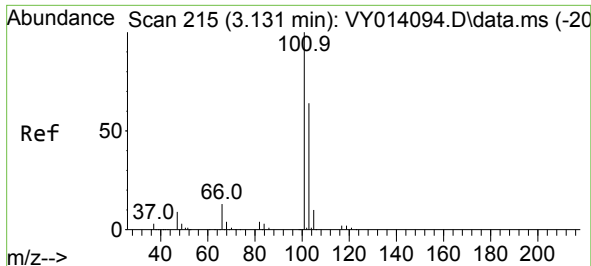
Tgt Ion: 94 Resp: 74879
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.6



#6
Chloroethane
Concen: 22.623 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 64 Resp: 63798
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6

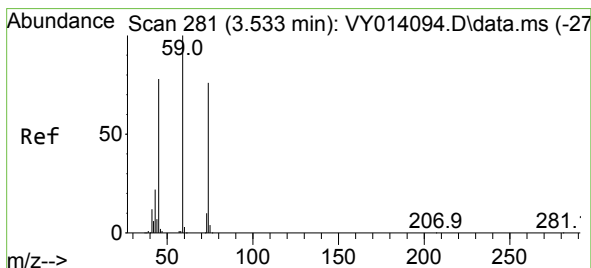
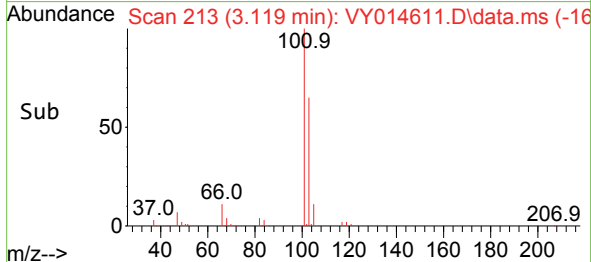
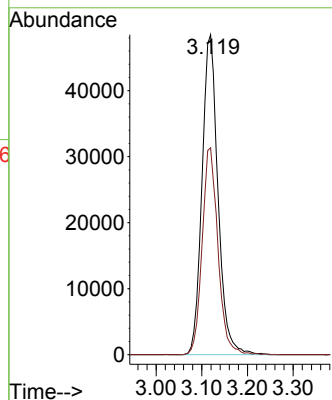
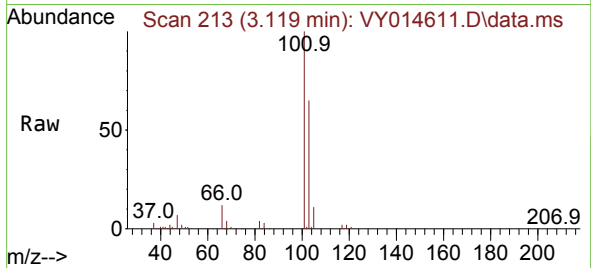




#7
 Trichlorofluoromethane
 Concen: 22.075 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

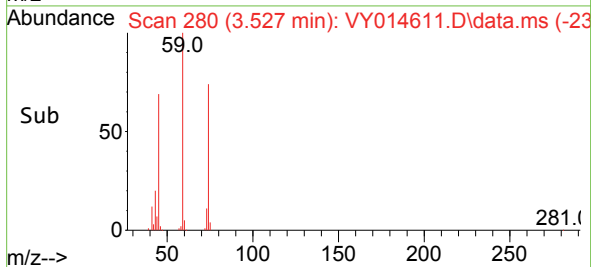
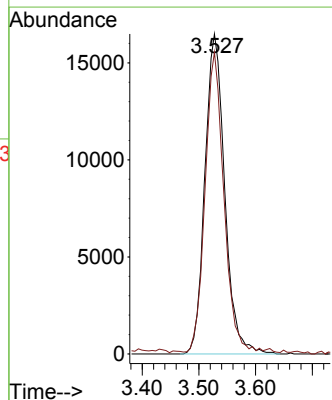
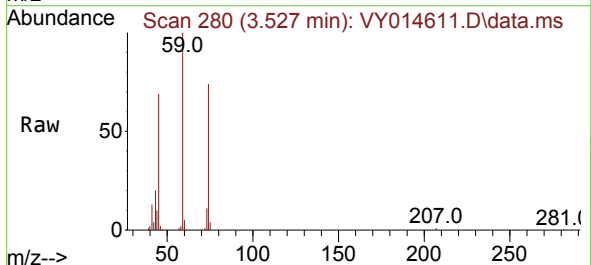
Instrument :
 MSVOA_Y
 ClientSampleId :

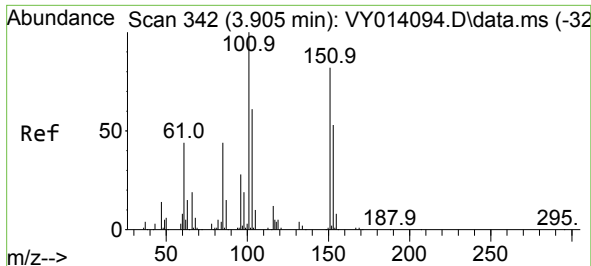
Tgt Ion:101 Resp: 117424
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.878 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

Tgt Ion: 74 Resp: 40037
 Ion Ratio Lower Upper
 74 100
 45 88.5 51.5 154.5

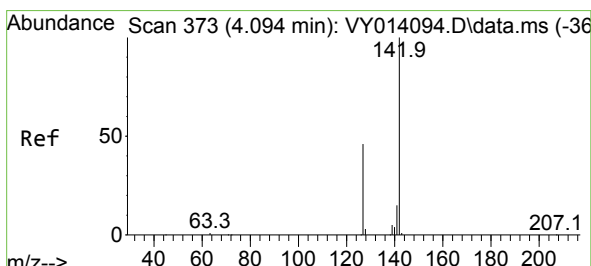
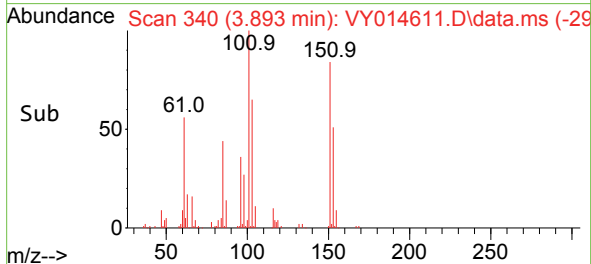
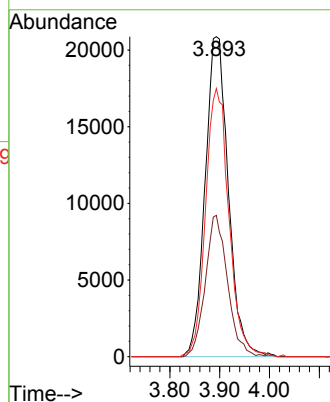
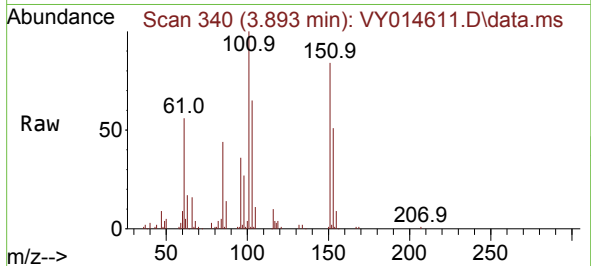




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.258 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014611.D
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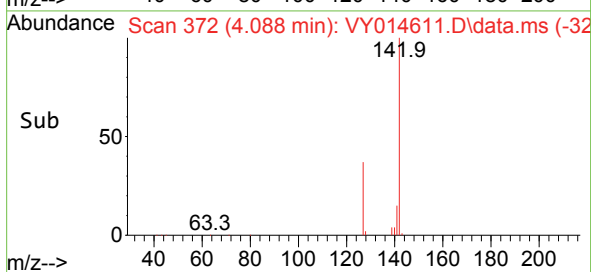
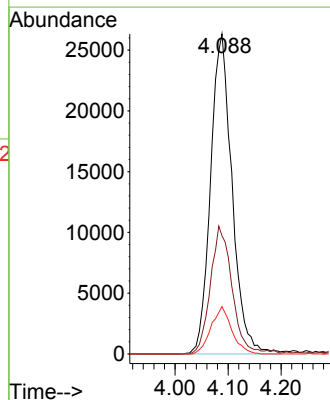
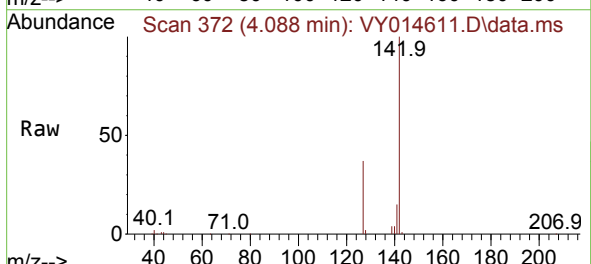
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MSVOA_Y
ClientSampleId :

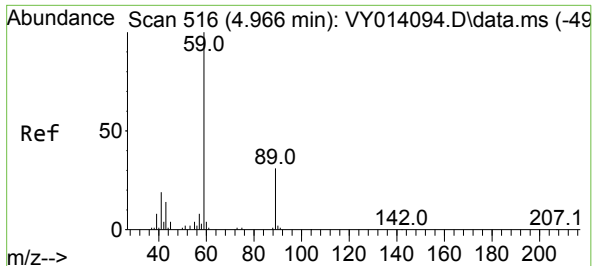
Tgt Ion:101 Resp: 67527
Ion Ratio Lower Upper
101 100
85 42.3 36.6 55.0
151 84.2 67.0 100.6



#10
Methyl Iodide
Concen: 20.433 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion:142 Resp: 74069
Ion Ratio Lower Upper
142 100
127 40.0 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 59.547 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

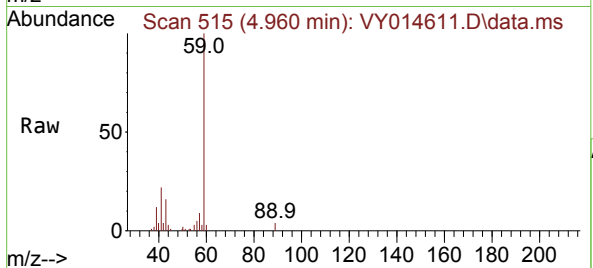
Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

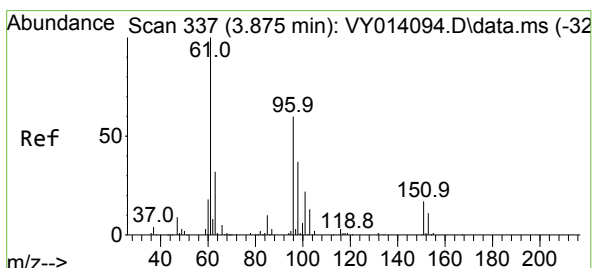
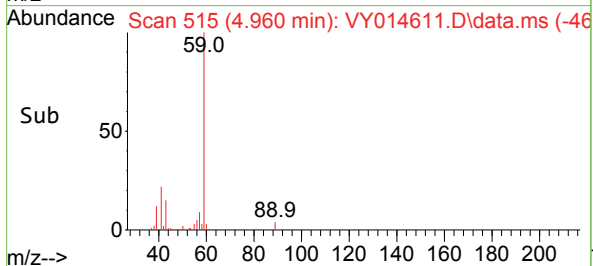
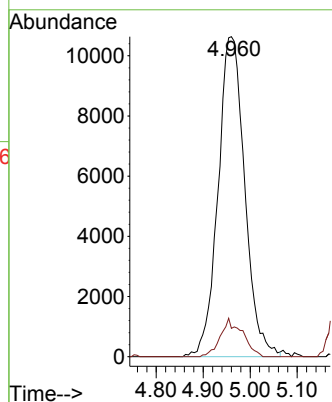


Tgt Ion: 59 Resp: 41992

Ion Ratio Lower Upper

59 100

57 9.9 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.240 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

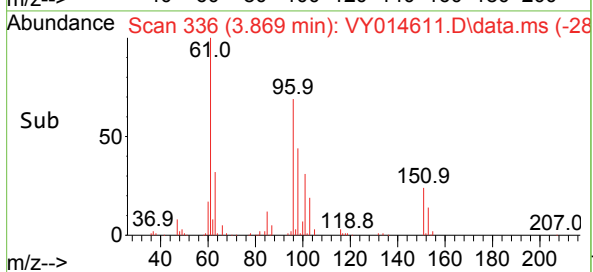
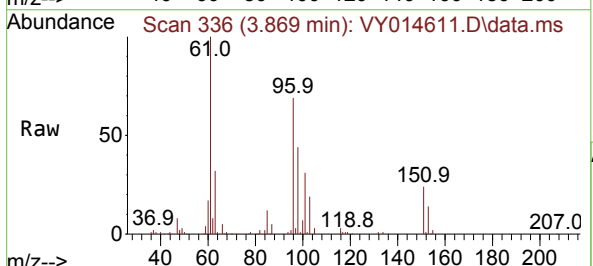
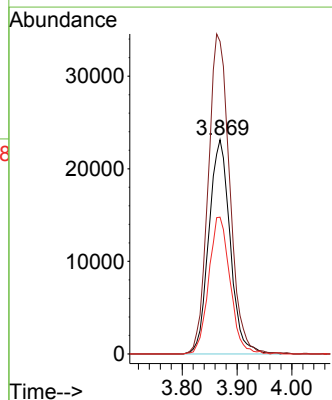
Tgt Ion: 96 Resp: 62284

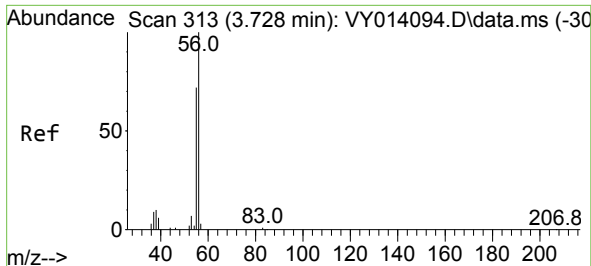
Ion Ratio Lower Upper

96 100

61 145.9 136.4 204.6

98 63.8 49.4 74.2





#13

Acrolein

Concen: 92.823 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.005 min

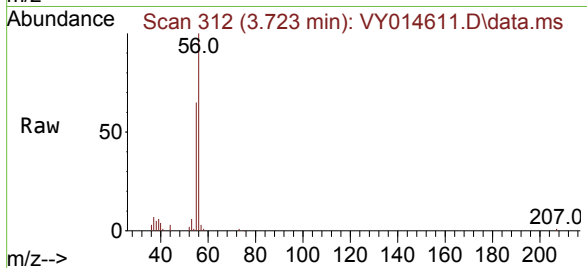
Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

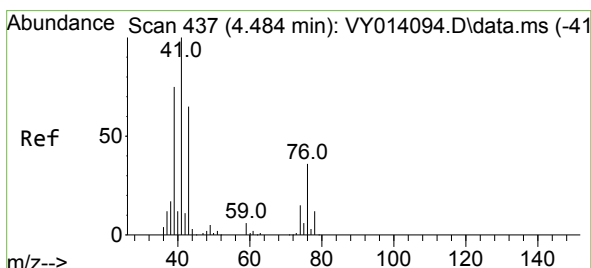
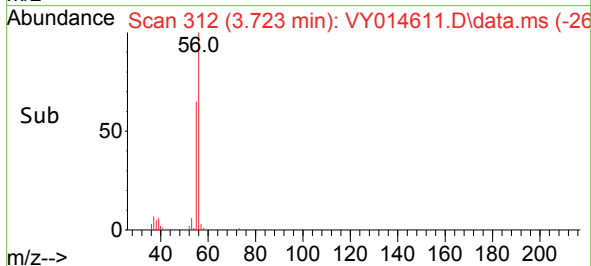
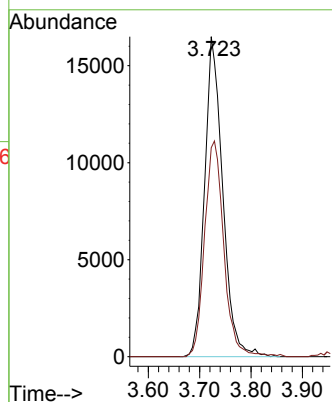


Tgt Ion: 56 Resp: 40317

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 18.653 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

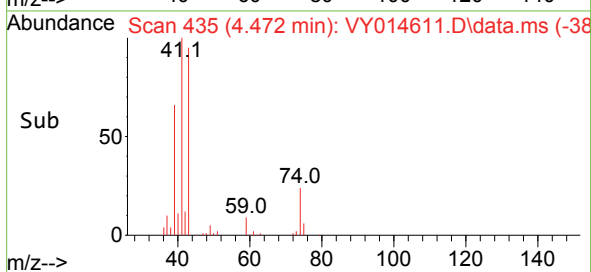
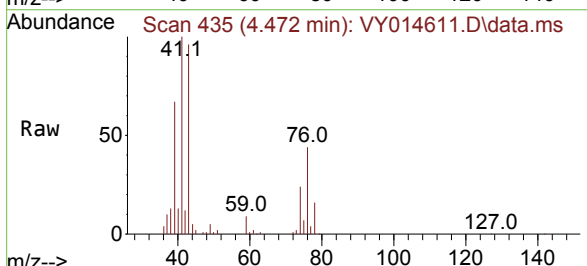
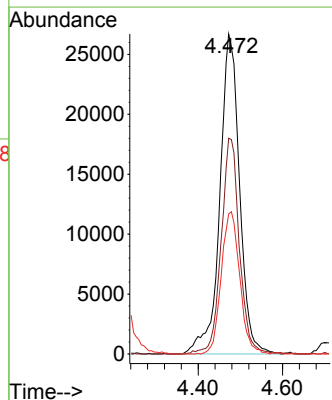
Tgt Ion: 41 Resp: 86517

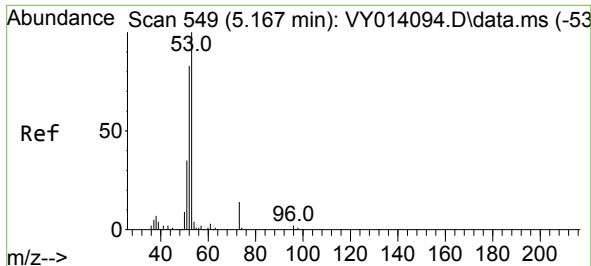
Ion Ratio Lower Upper

41 100

39 62.2 58.0 87.0

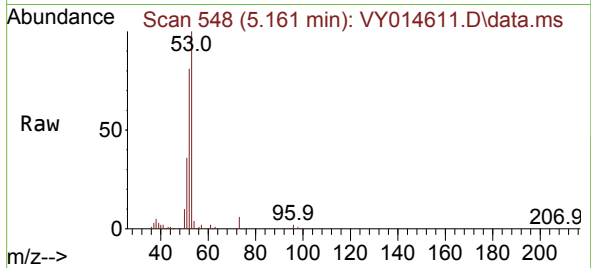
76 41.7 27.4 41.2#



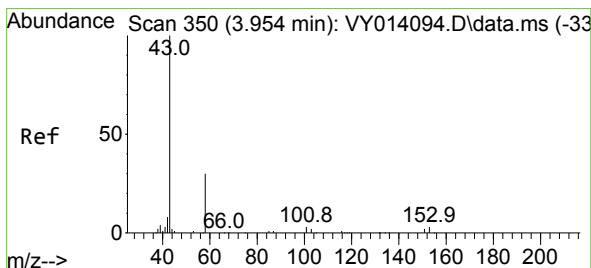
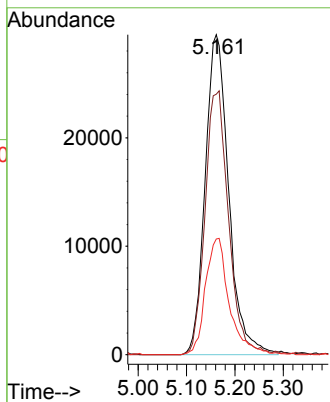
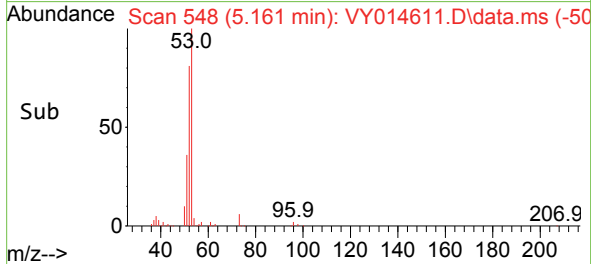


#15
Acrylonitrile
Concen: 86.293 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :

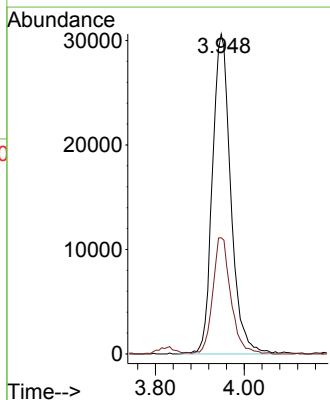
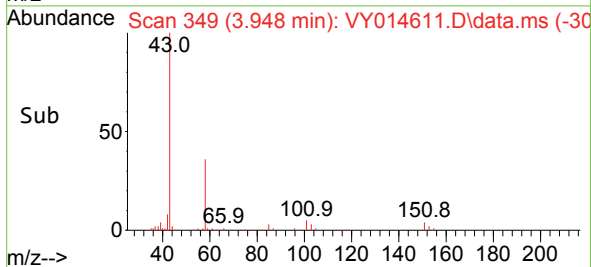
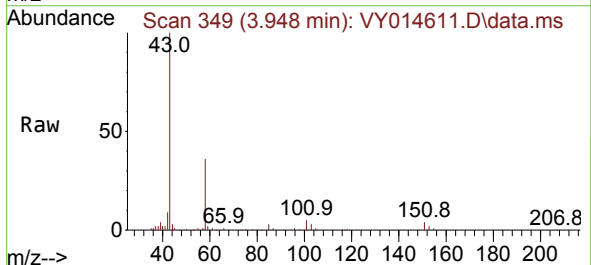


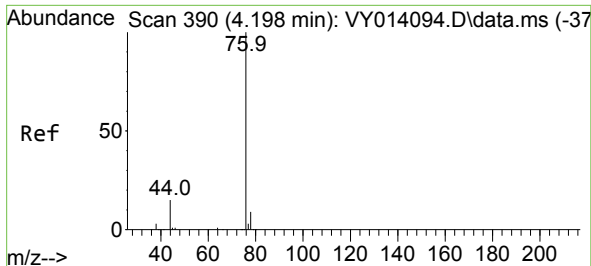
Tgt Ion: 53 Resp: 99776
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 36.9 29.8 44.6



#16
Acetone
Concen: 86.178 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

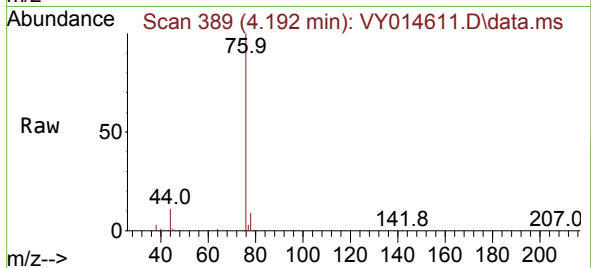
Tgt Ion: 43 Resp: 87838
Ion Ratio Lower Upper
43 100
58 36.3 22.7 34.1#



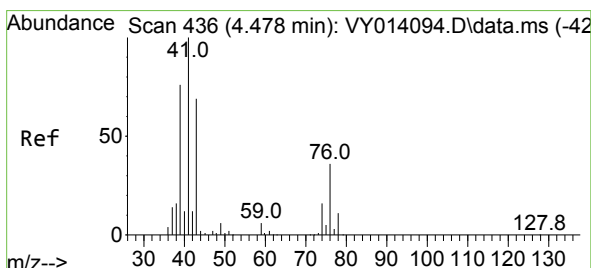
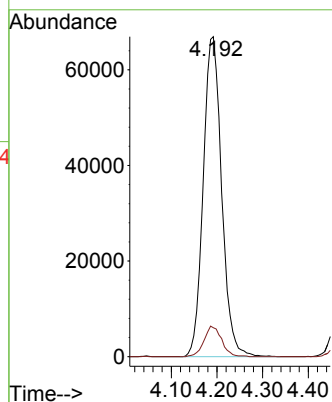
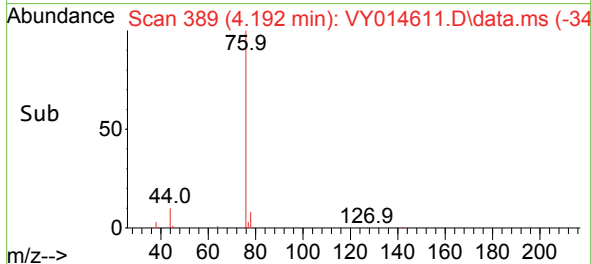


#17
Carbon Disulfide
Concen: 19.970 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :

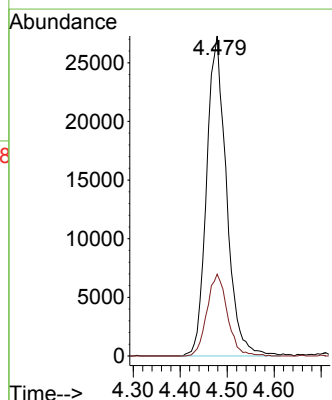
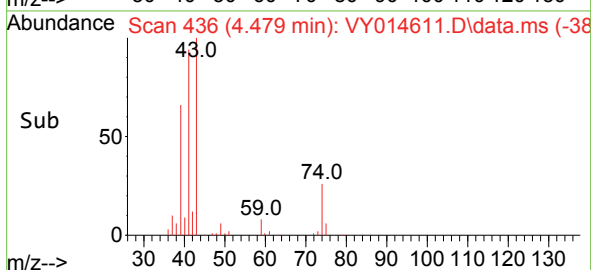
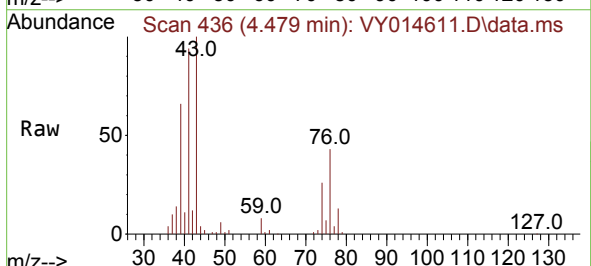


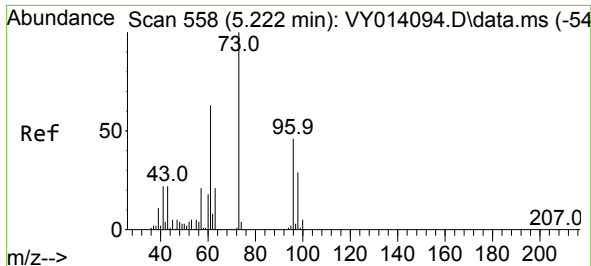
Tgt Ion: 76 Resp: 187281
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 17.252 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 43 Resp: 80047
Ion Ratio Lower Upper
43 100
74 26.3 17.4 26.0#

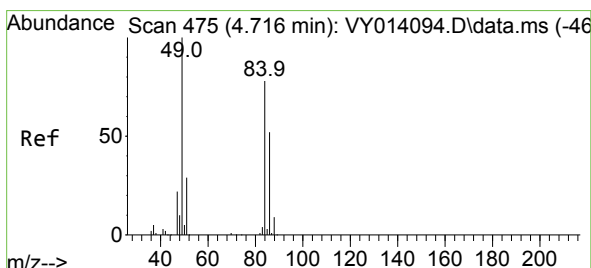
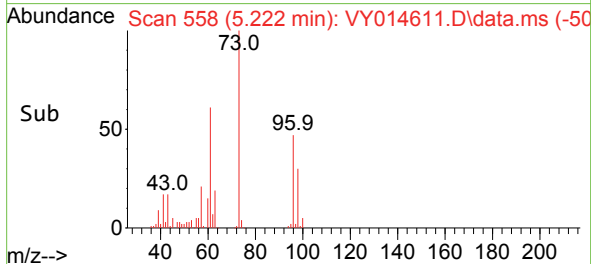
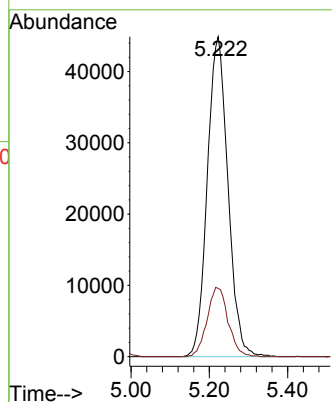
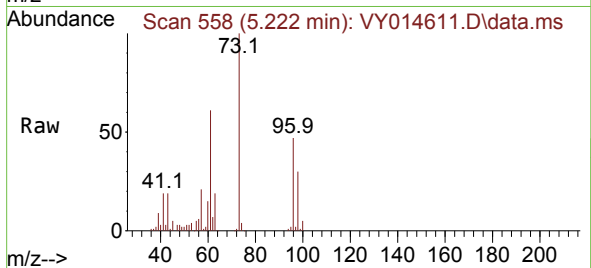




#19
Methyl tert-butyl Ether
Concen: 18.528 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

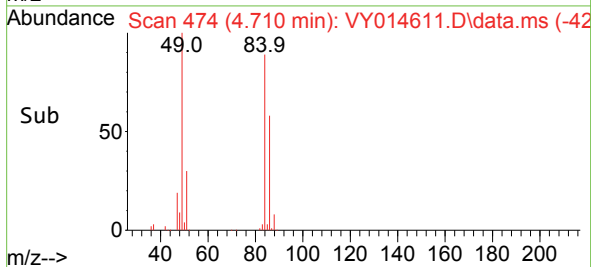
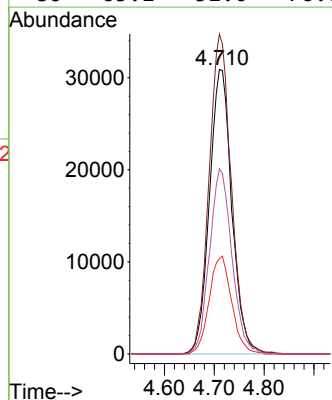
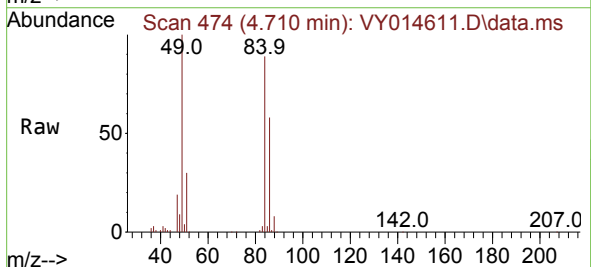
Instrument :
MSVOA_Y
ClientSampleId :

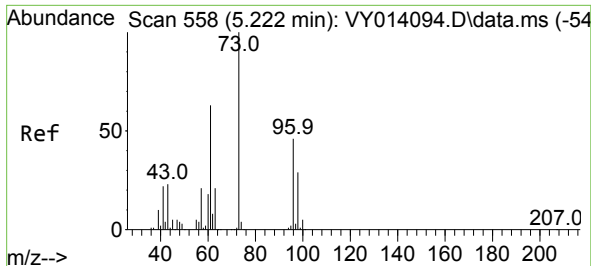
Tgt Ion: 73 Resp: 163872
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 23.408 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

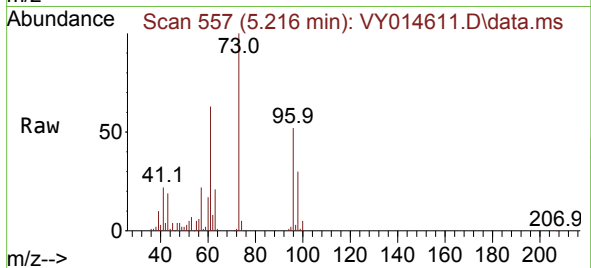
Tgt Ion: 84 Resp: 96280
Ion Ratio Lower Upper
84 100
49 112.5 106.9 160.3
51 33.5 33.2 49.8
86 65.1 51.0 76.6



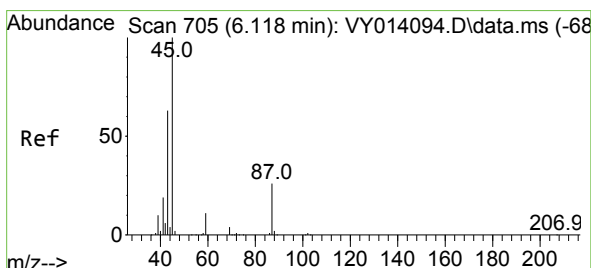
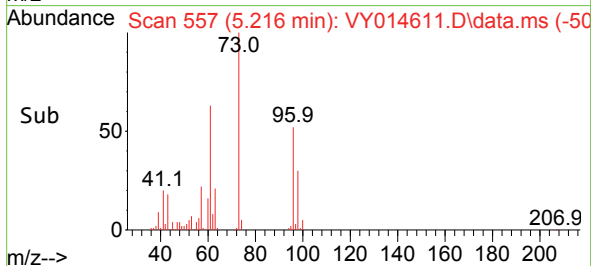
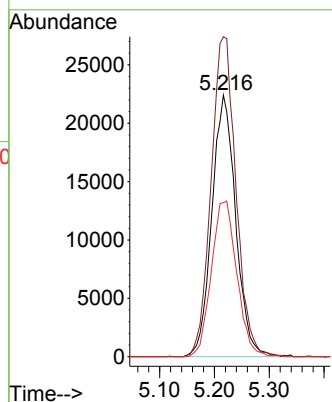


#21
trans-1,2-Dichloroethene
Concen: 19.435 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :

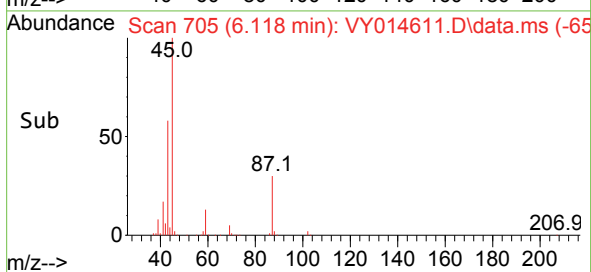
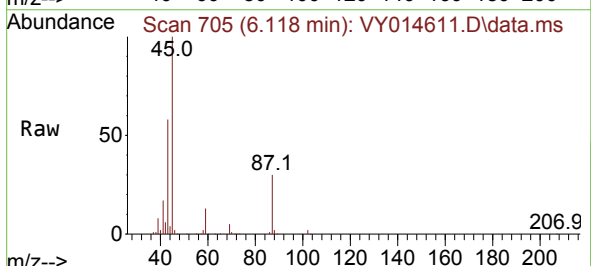
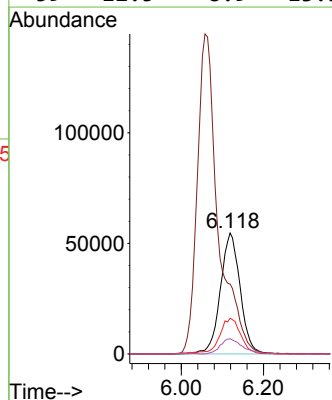


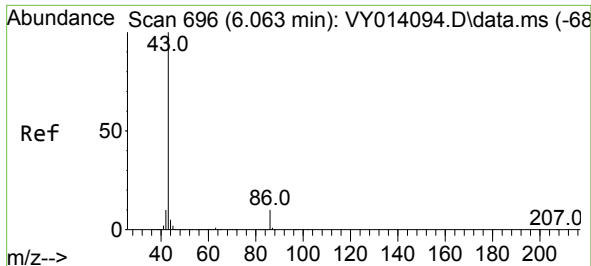
Tgt Ion: 96 Resp: 67699
Ion Ratio Lower Upper
96 100
61 122.3 110.2 165.4
98 58.8 51.8 77.6



#22
Diisopropyl ether
Concen: 19.124 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

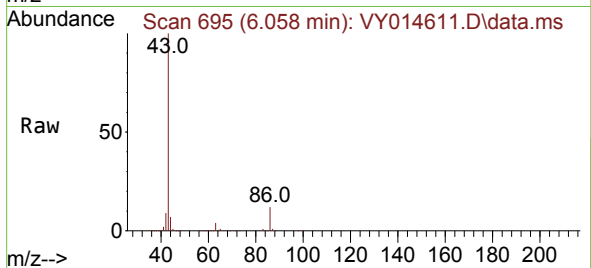
Tgt Ion: 45 Resp: 182773
Ion Ratio Lower Upper
45 100
43 57.4 52.2 78.4
87 29.6 21.0 31.6
59 12.5 8.9 13.3



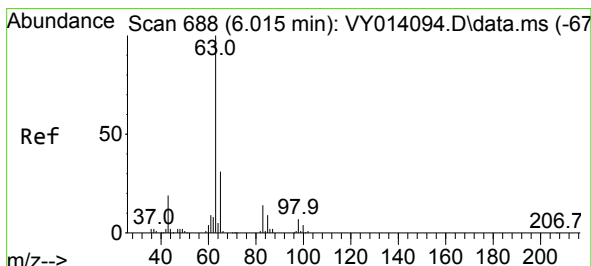
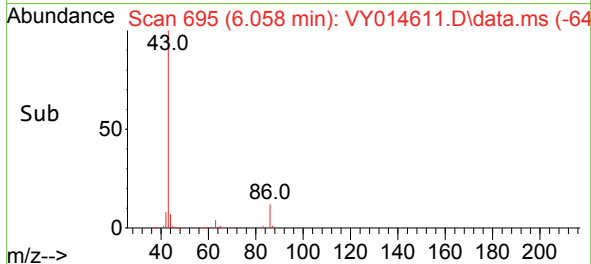
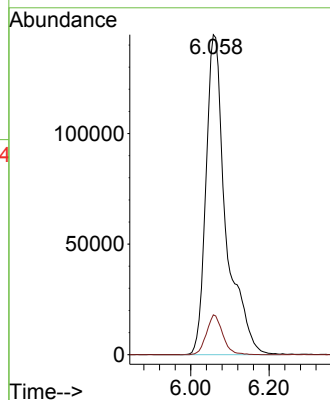


#23
 Vinyl Acetate
 Concen: 92.441 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.005 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

Instrument :
 MSVOA_Y
 ClientSampleId :

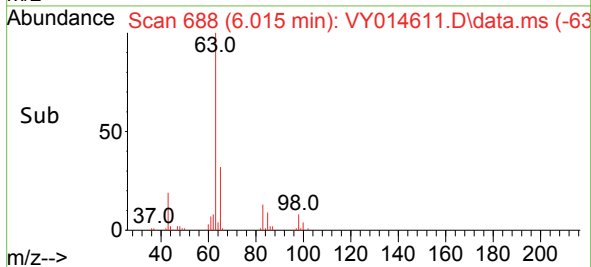
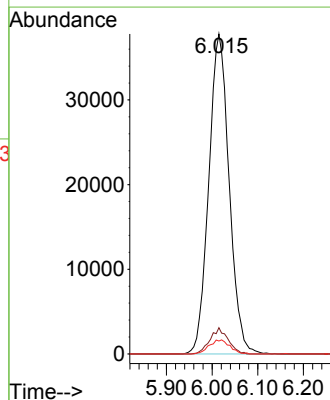
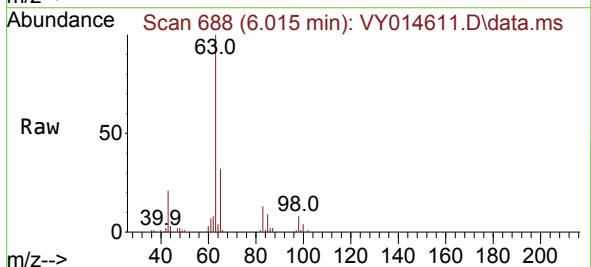


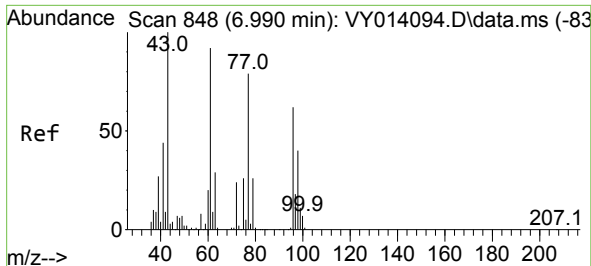
Tgt Ion: 43 Resp: 511160
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.503 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

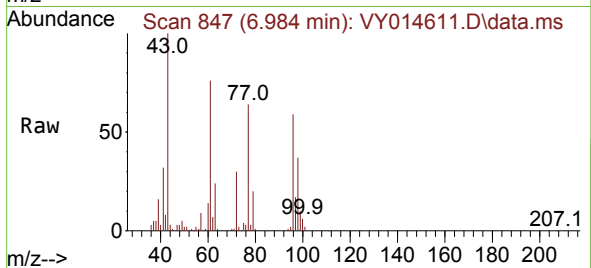
Tgt Ion: 63 Resp: 117018
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 4.1 1.8 5.5



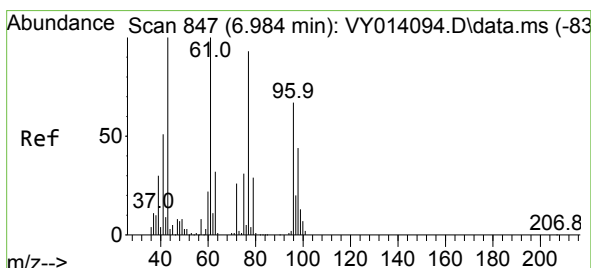
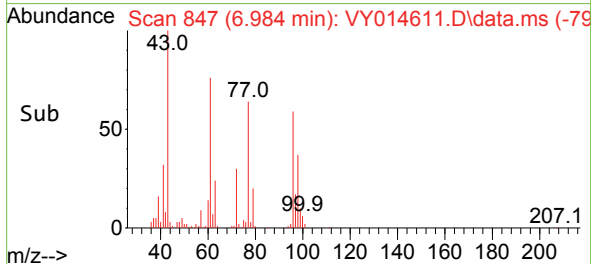
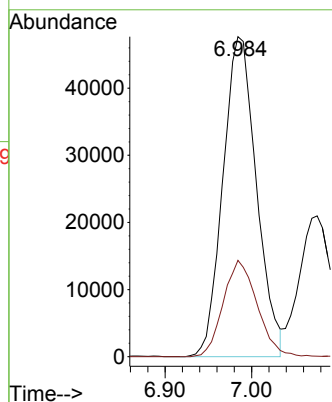


#25
2-Butanone
Concen: 84.976 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :

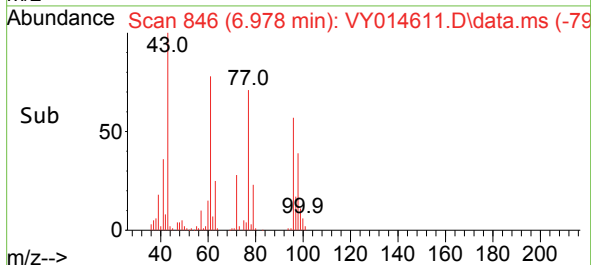
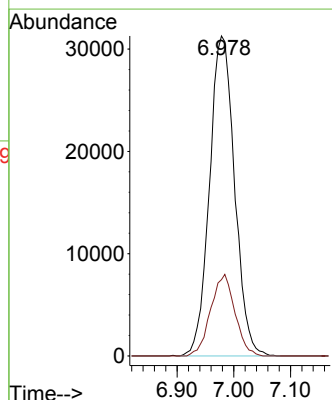
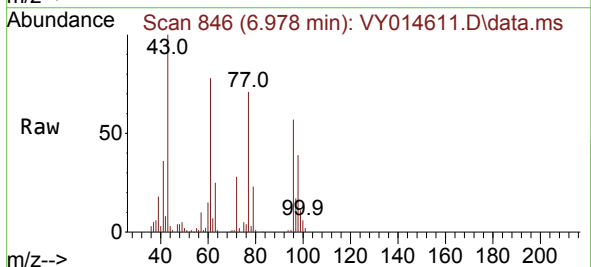


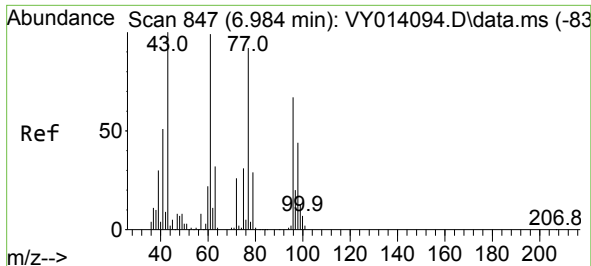
Tgt Ion: 43 Resp: 128246
Ion Ratio Lower Upper
43 100
72 30.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 18.783 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

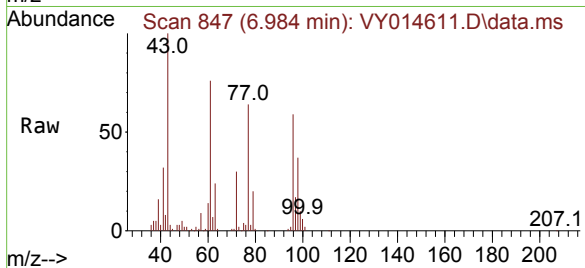
Tgt Ion: 77 Resp: 96059
Ion Ratio Lower Upper
77 100
97 24.7 10.9 32.9



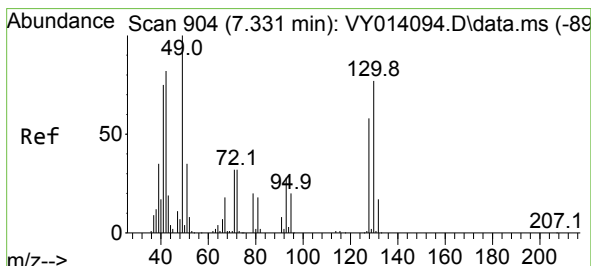
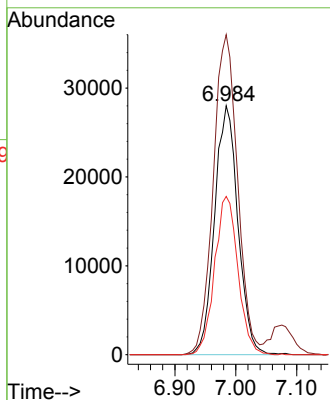
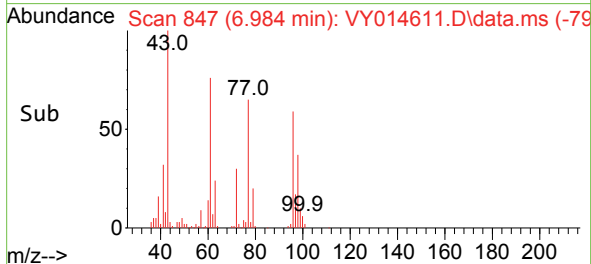


#27
 cis-1,2-Dichloroethene
 Concen: 18.870 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

Instrument :
 MSVOA_Y
 ClientSampleId :

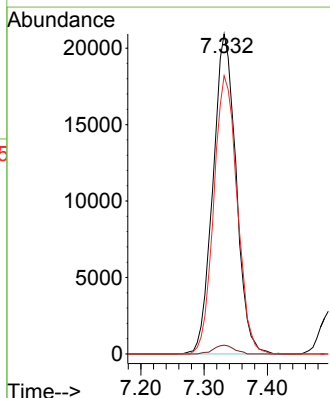
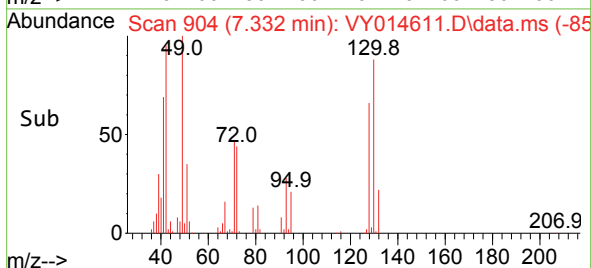
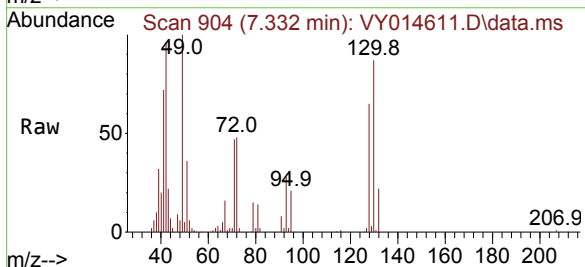


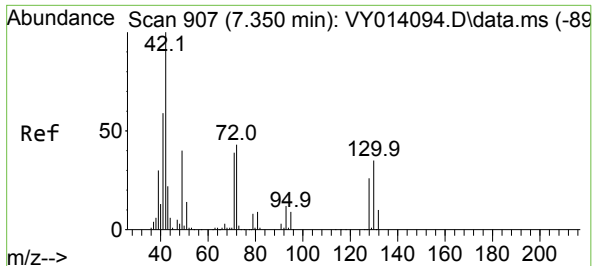
Tgt Ion: 96 Resp: 74561
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 301.4
 98 63.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 21.008 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

Tgt Ion: 49 Resp: 52927
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 88.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 91.114 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014611.D

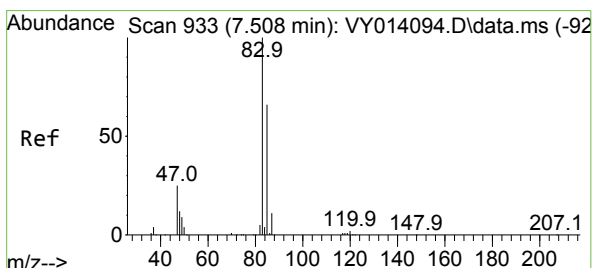
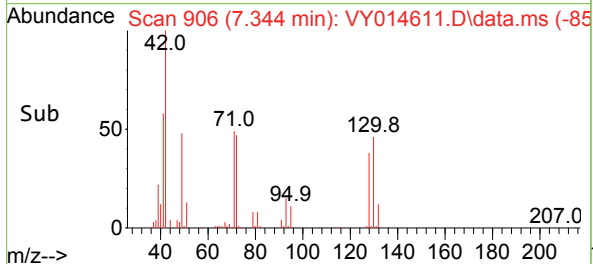
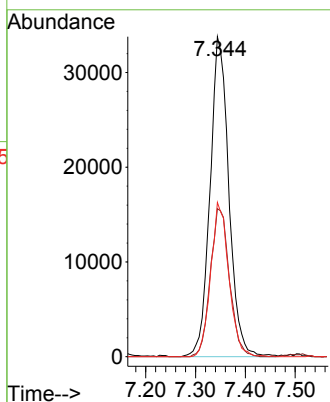
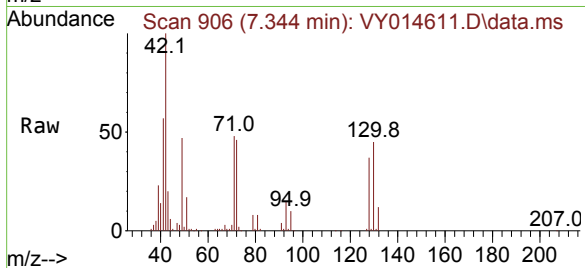
Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	88696
Ion	Ratio	Lower	Upper
42	100		
72	47.0	32.8	49.2
71	46.3	31.0	46.4



#30

Chloroform

Concen: 19.787 ug/l

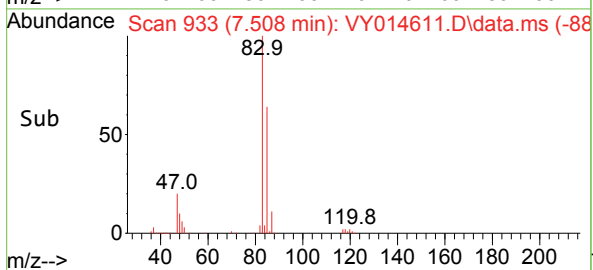
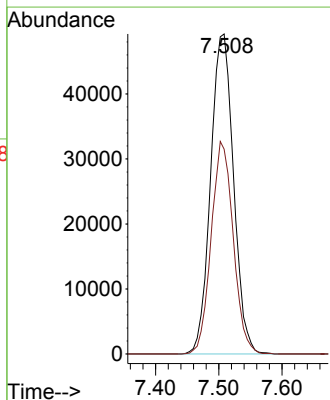
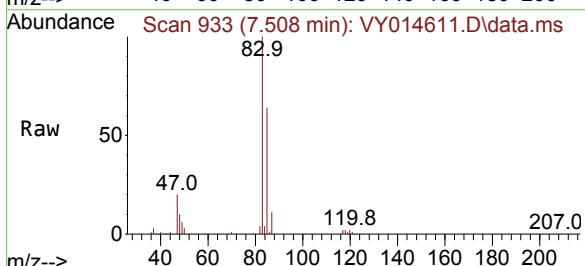
RT: 7.508 min Scan# 933

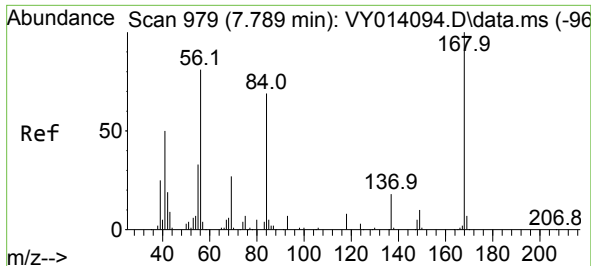
Delta R.T. 0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

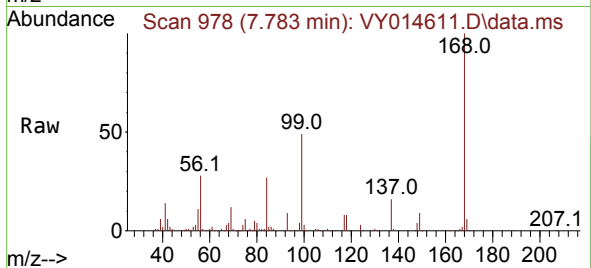
Tgt Ion:	83	Resp:	123844
Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.7	74.5



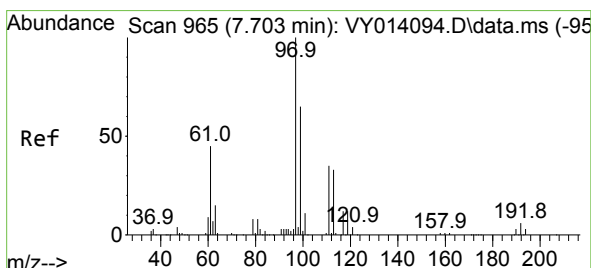
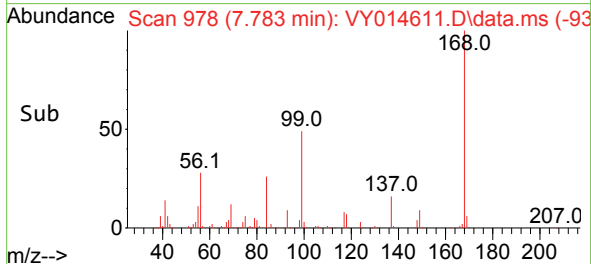
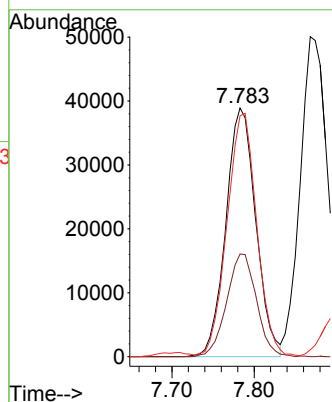


#31
Cyclohexane
Concen: 19.227 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :

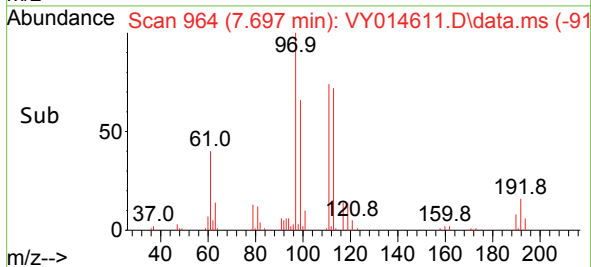
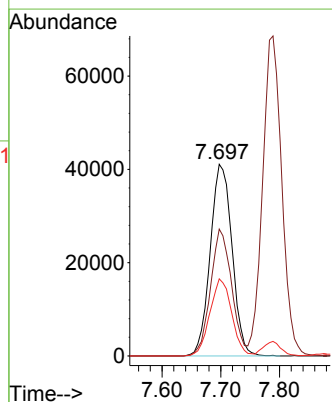
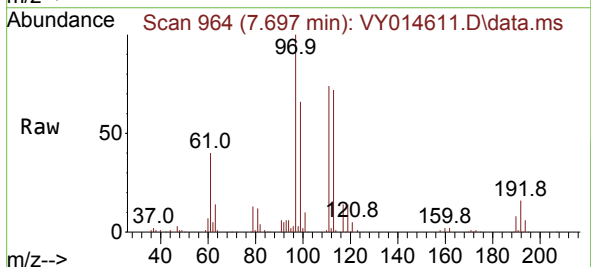


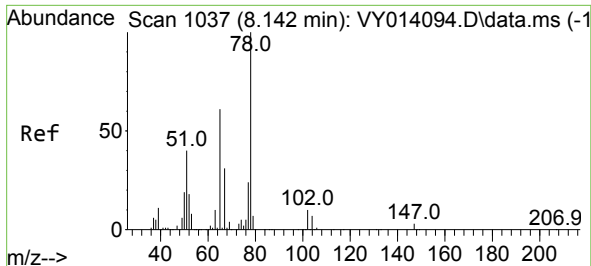
Tgt Ion	Resp	Lower	Upper
56	100		
69	41.3	27.8	41.6
84	95.1	66.4	99.6



#32
1,1,1-Trichloroethane
Concen: 19.818 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion	Resp	Lower	Upper
97	100		
99	64.3	50.8	76.2
61	40.3	35.1	52.7

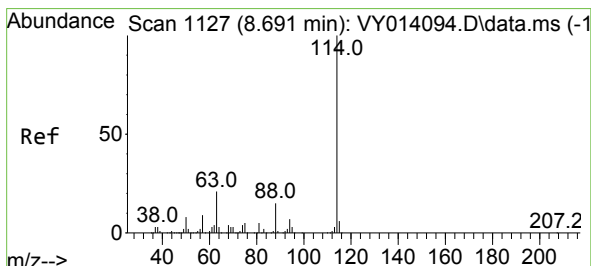
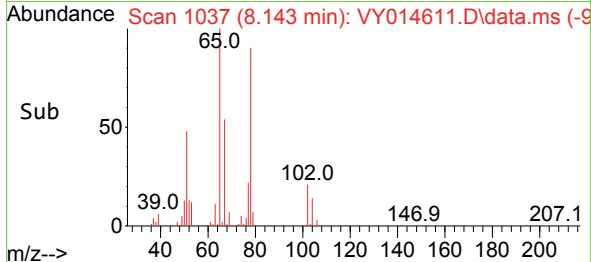
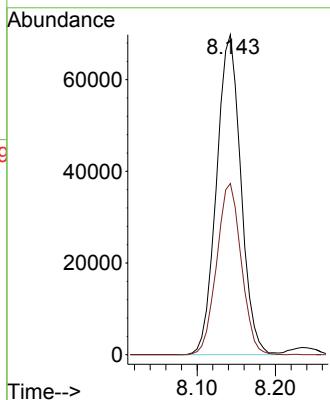
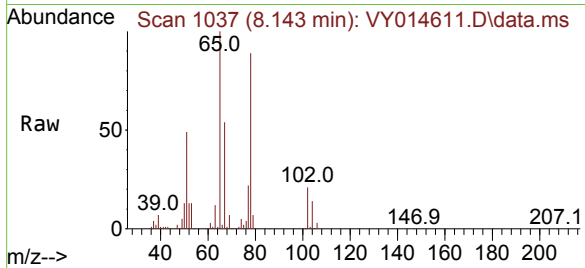




#33
 1,2-Dichloroethane-d4
 Concen: 46.198 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

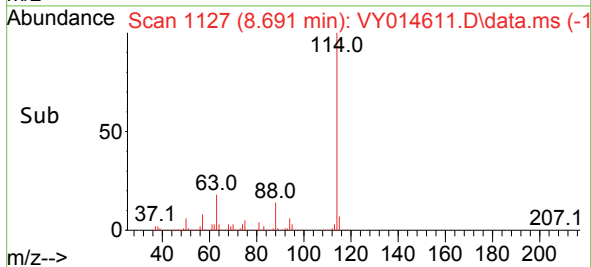
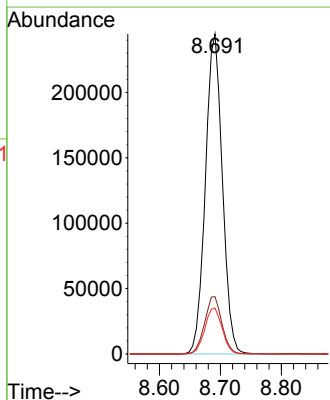
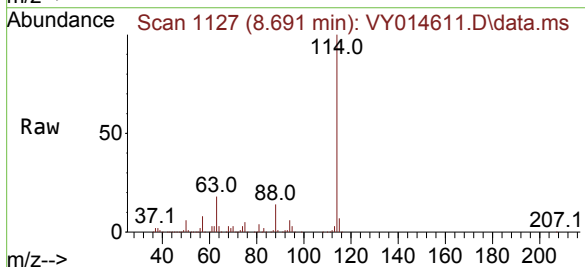
Instrument :
 MSVOA_Y
 ClientSampleId :

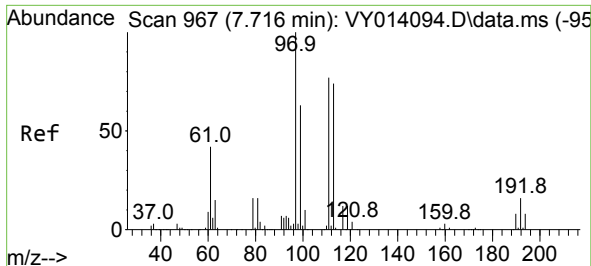
Tgt Ion: 65 Resp: 150781
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

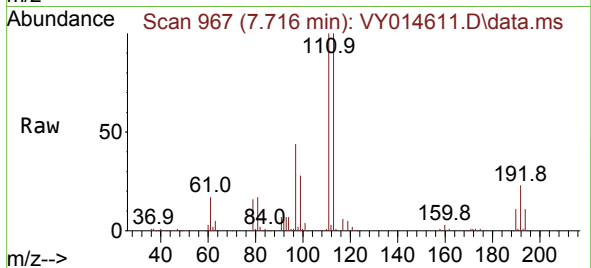
Tgt Ion: 114 Resp: 473247
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 42.4
 88 14.4 0.0 30.6



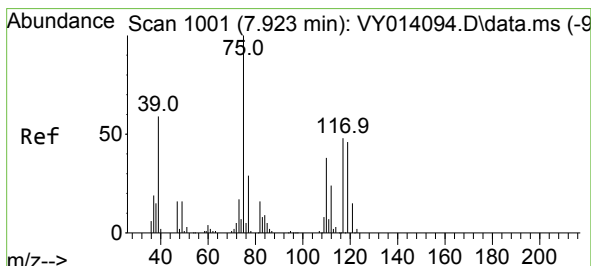
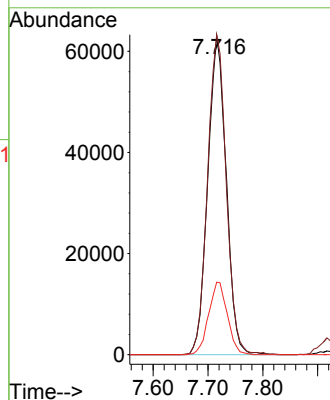
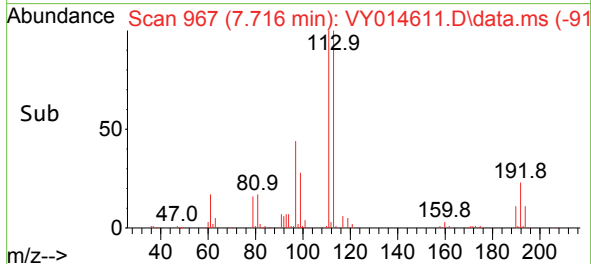


#35
Dibromofluoromethane
Concen: 50.437 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

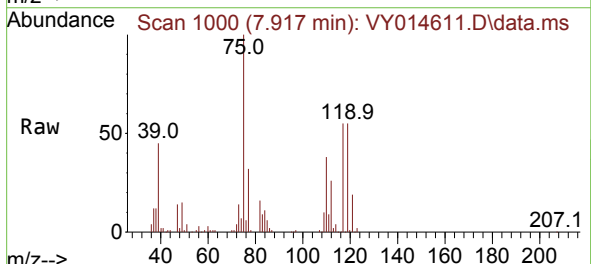
Instrument :
MSVOA_Y
ClientSampleId :



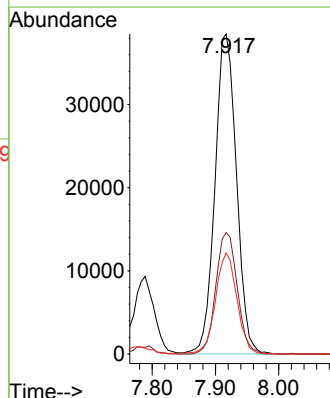
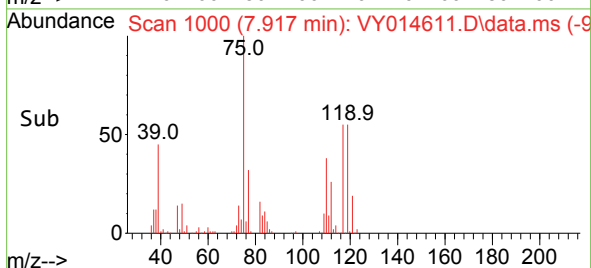
Tgt Ion:113 Resp: 146988
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 23.1 16.9 25.3

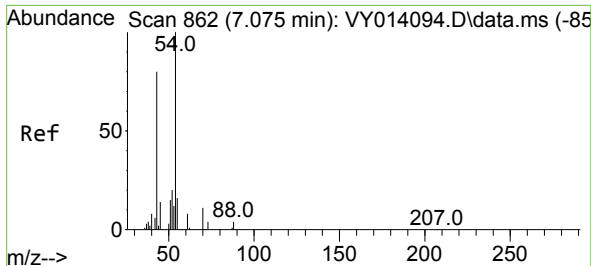


#36
1,1-Dichloropropene
Concen: 20.339 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



Tgt Ion: 75 Resp: 90773
Ion Ratio Lower Upper
75 100
110 37.6 17.8 53.5
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 18.836 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.001 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

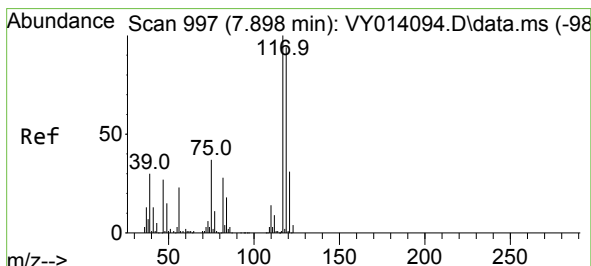
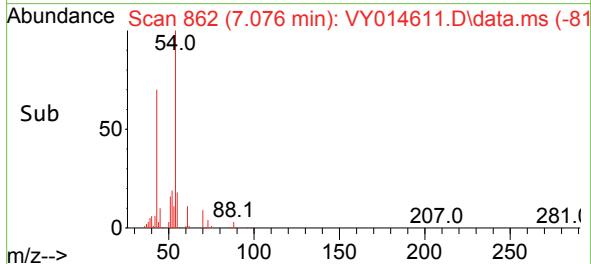
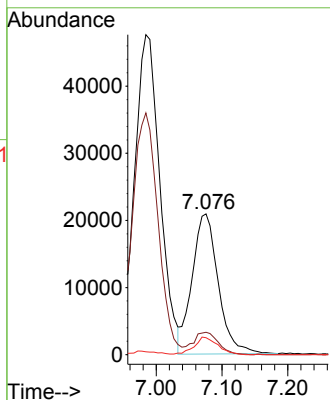
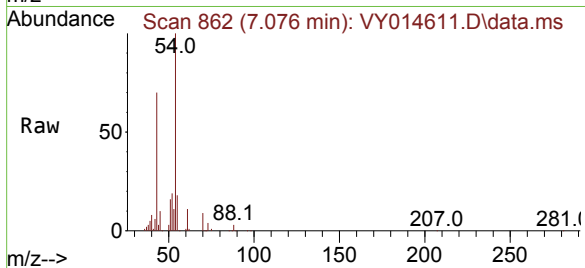
Tgt Ion: 43 Resp: 57651

Ion Ratio Lower Upper

43 100

61 14.9 10.1 15.1

70 11.3 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.928 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

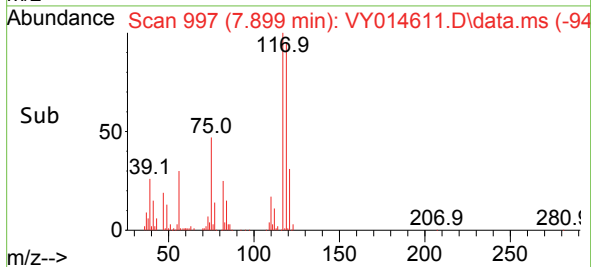
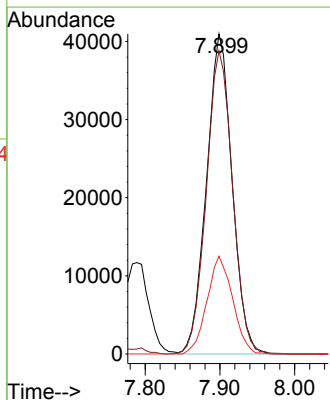
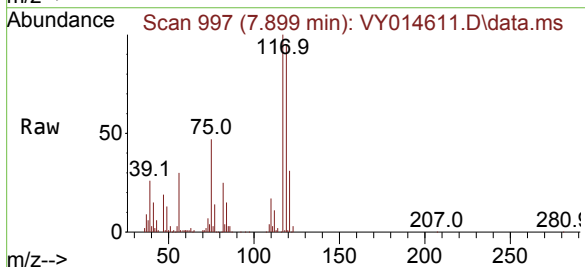
Tgt Ion: 117 Resp: 97501

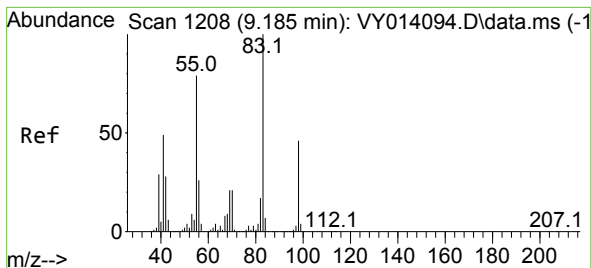
Ion Ratio Lower Upper

117 100

119 94.6 76.4 114.6

121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 20.629 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

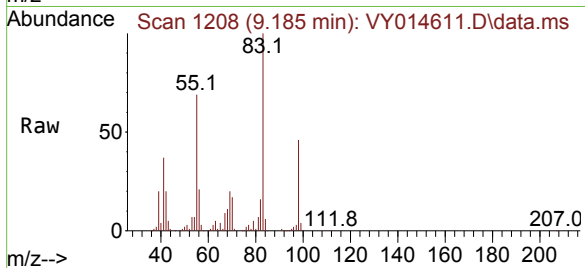
Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :



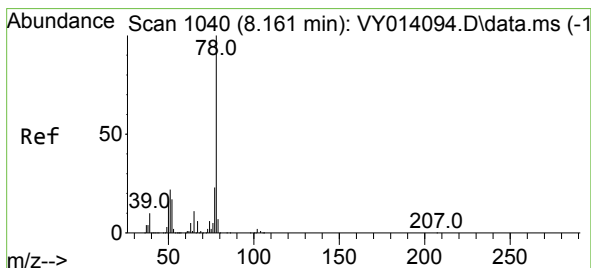
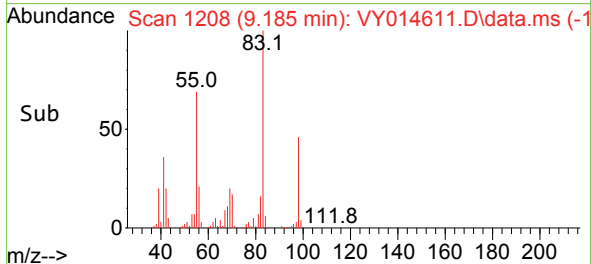
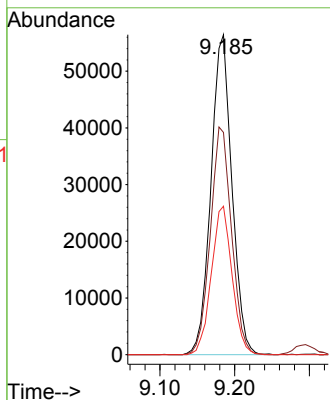
Tgt Ion: 83 Resp: 110048

Ion Ratio Lower Upper

83 100

55 69.4 63.0 94.4

98 46.4 37.4 56.2



#40

Benzene

Concen: 19.746 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014611.D

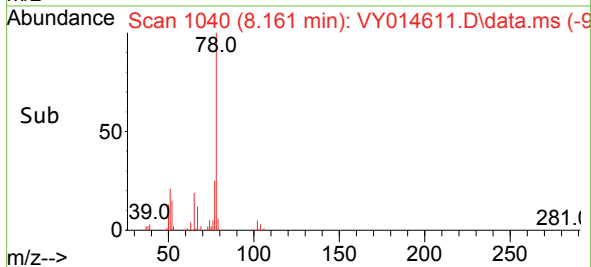
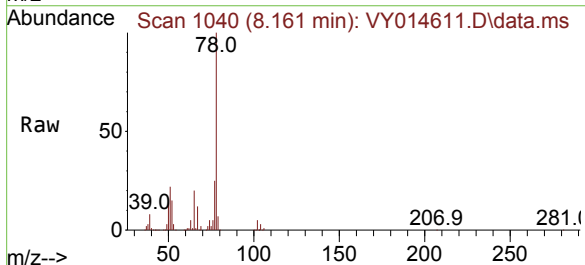
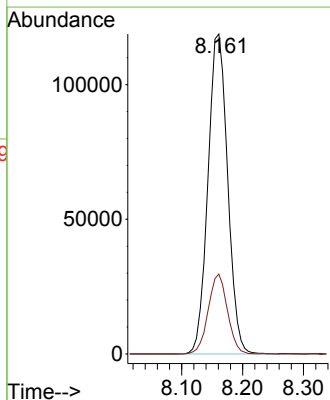
Acq: 10 Jul 2023 12:32

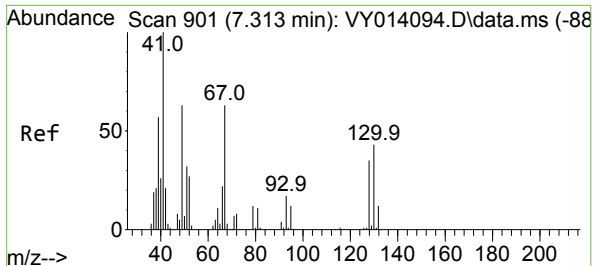
Tgt Ion: 78 Resp: 266761

Ion Ratio Lower Upper

78 100

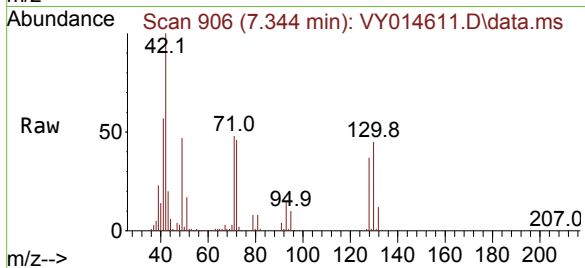
77 24.9 19.0 28.6



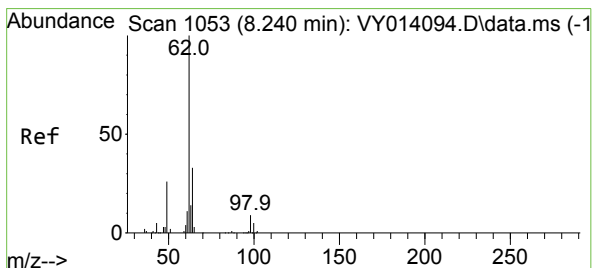
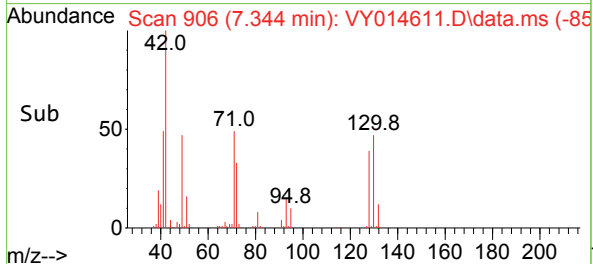
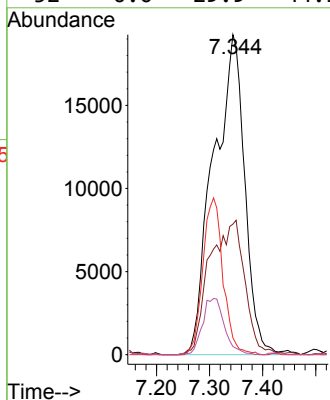


#41
Methacrylonitrile
Concen: 52.407 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :

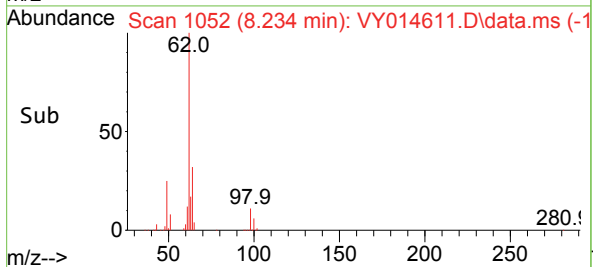
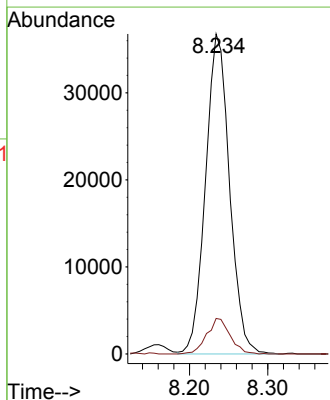
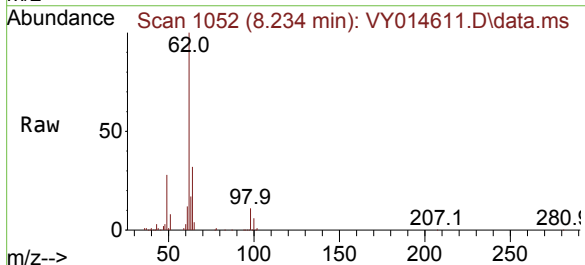


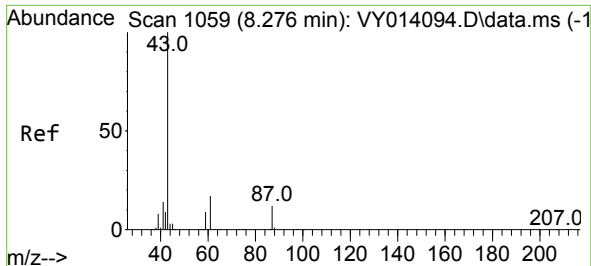
Tgt Ion: 41 Resp: 78362
Ion Ratio Lower Upper
41 100
39 47.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 19.723 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 62 Resp: 78315
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8

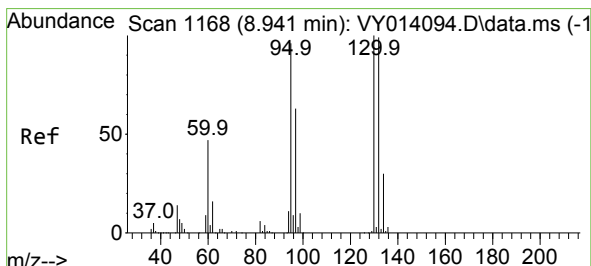
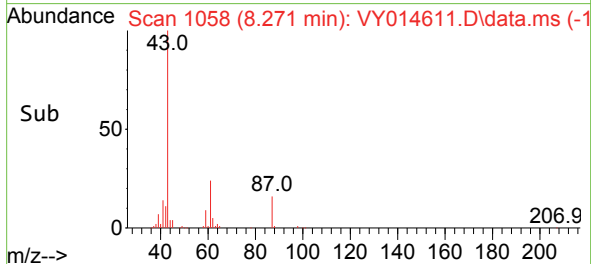
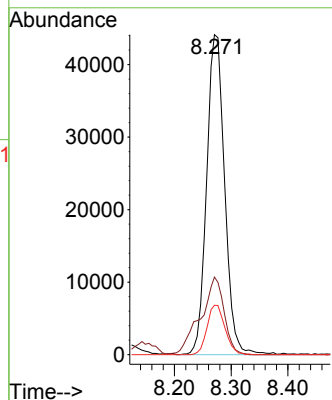
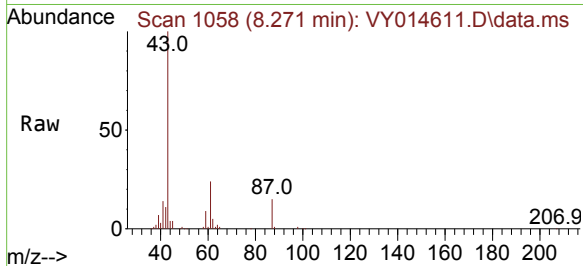




#43
Isopropyl Acetate
Concen: 18.833 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

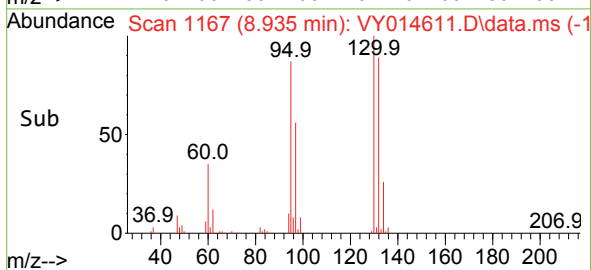
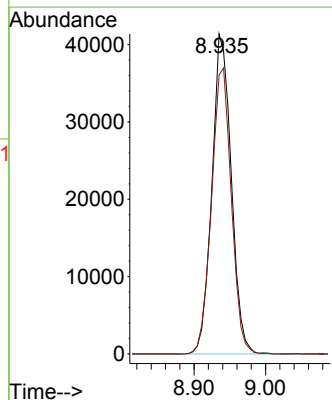
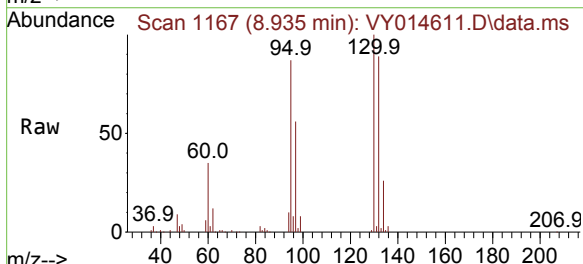
Instrument :
MSVOA_Y
ClientSampleId :

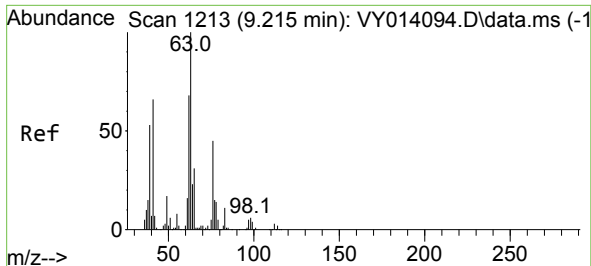
Tgt Ion: 43 Resp: 97684
Ion Ratio Lower Upper
43 100
61 31.6 21.1 31.7
87 15.4 9.8 14.8#



#44
Trichloroethene
Concen: 20.630 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion:130 Resp: 77699
Ion Ratio Lower Upper
130 100
95 87.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.653 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

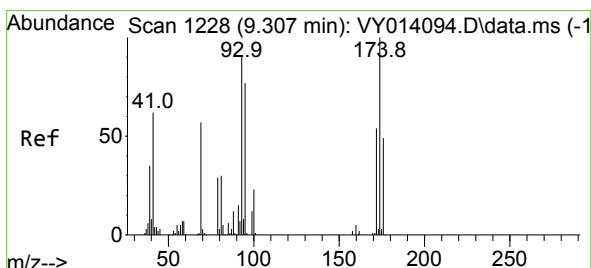
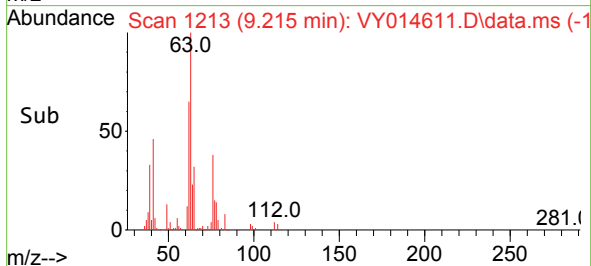
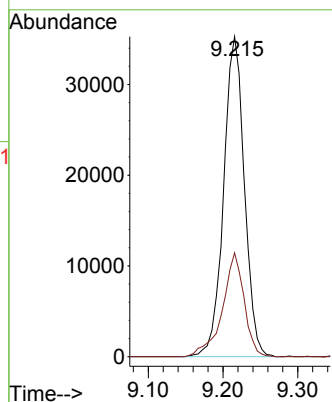
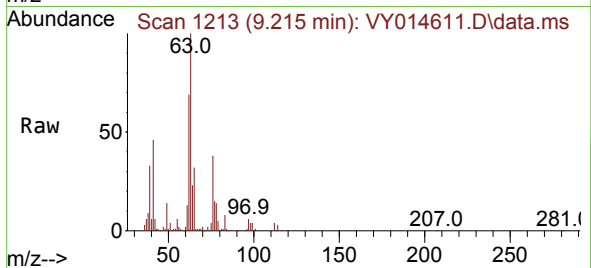
ClientSampleId :

Tgt Ion: 63 Resp: 68112

Ion Ratio Lower Upper

63 100

65 32.4 23.8 35.6



#46

Dibromomethane

Concen: 20.045 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

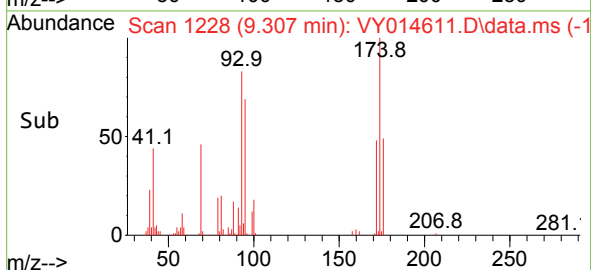
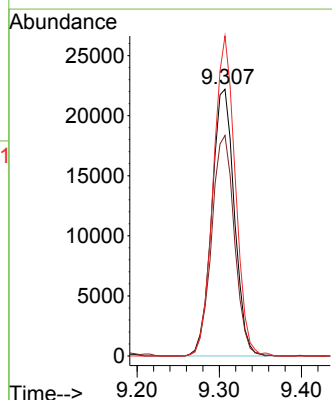
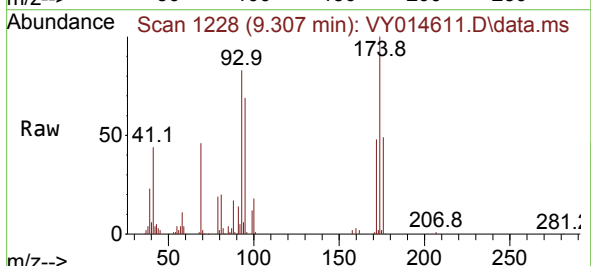
Tgt Ion: 93 Resp: 42293

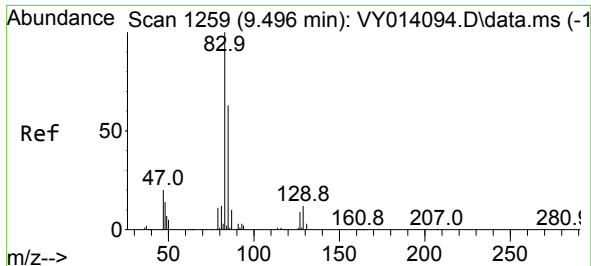
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 116.6 84.8 127.2

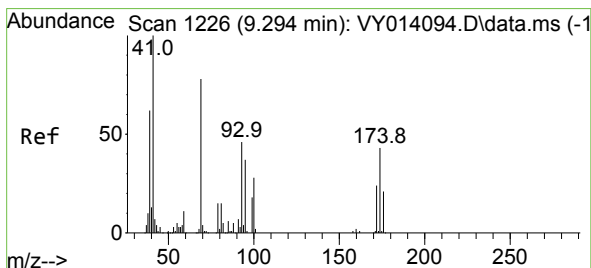
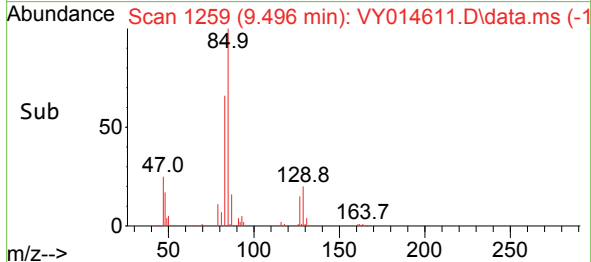
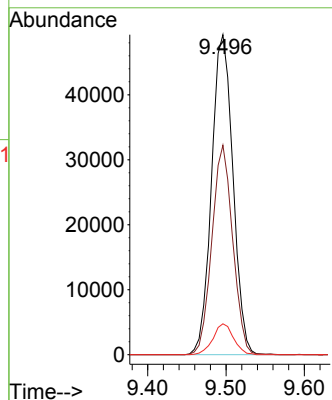
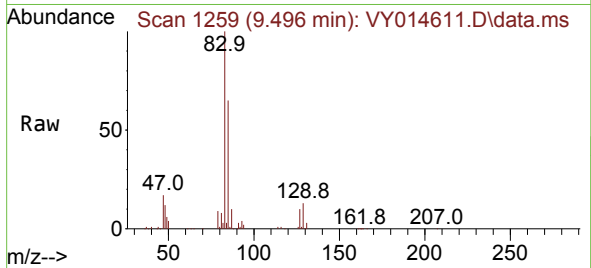




#47
Bromodichloromethane
Concen: 20.047 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

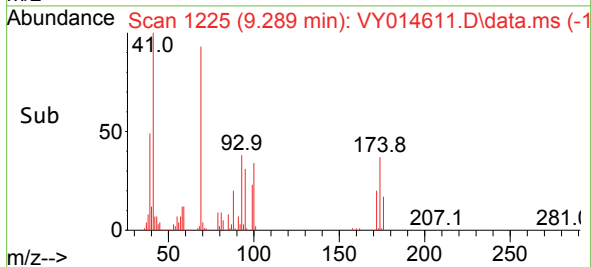
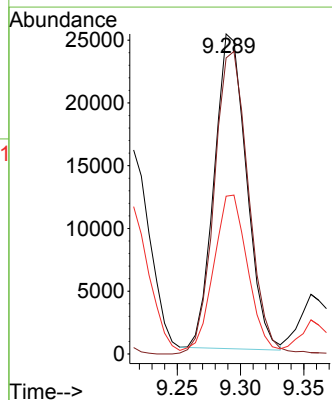
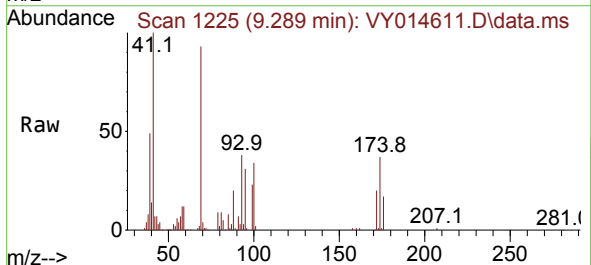
Instrument :
MSVOA_Y
ClientSampleId :

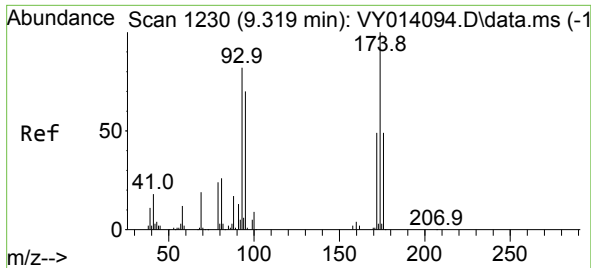
Tgt Ion: 83 Resp: 93193
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 18.798 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 41 Resp: 44339
Ion Ratio Lower Upper
41 100
69 102.7 64.5 96.7#
39 51.8 50.8 76.2

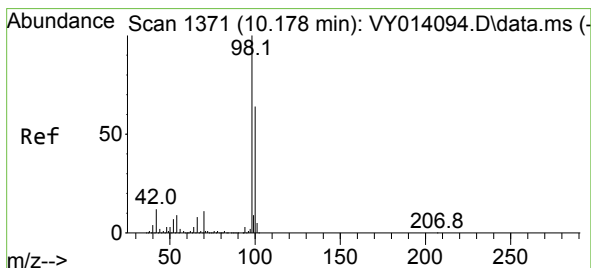
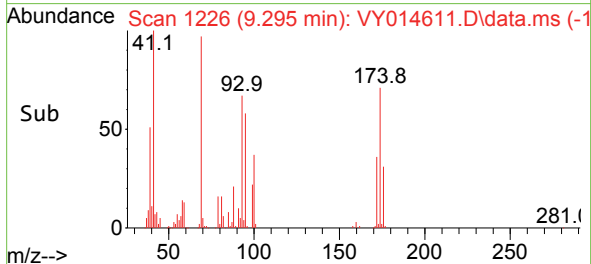
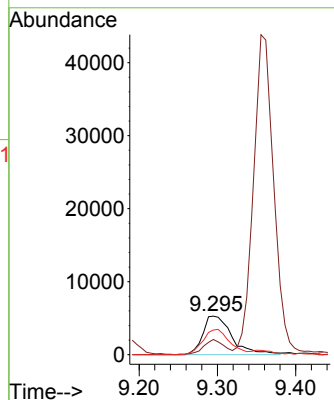
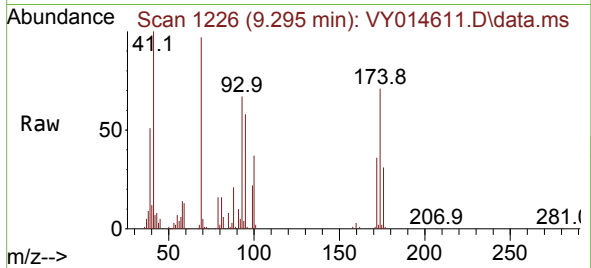




#49
1,4-Dioxane
Concen: 364.032 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.024 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

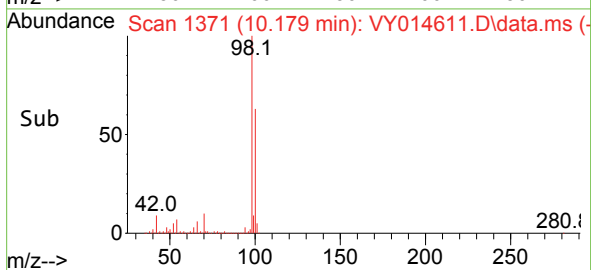
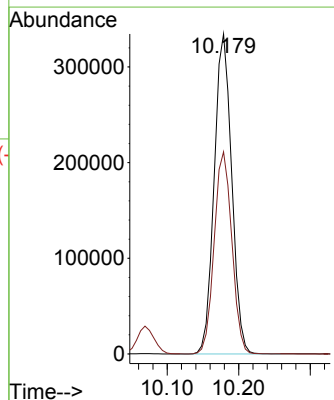
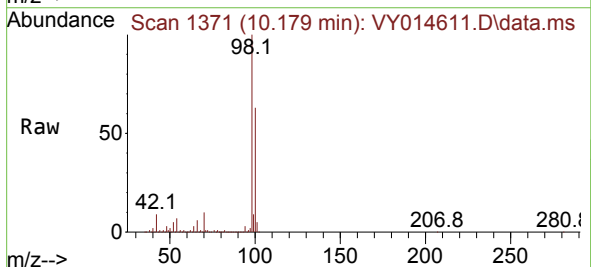
Instrument :
MSVOA_Y
ClientSampleId :

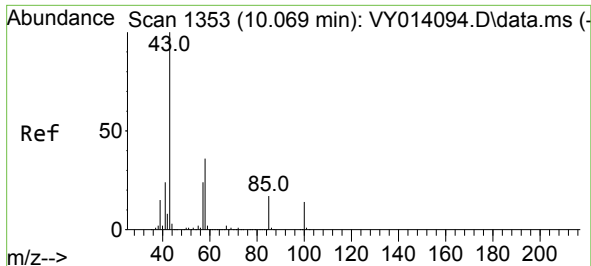
Tgt Ion: 88 Resp: 13715
Ion Ratio Lower Upper
88 100
43 28.2 0.0 0.0#
58 59.7 30.9 46.3#



#50
Toluene-d8
Concen: 49.317 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 98 Resp: 568155
Ion Ratio Lower Upper
98 100
100 63.7 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 94.179 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

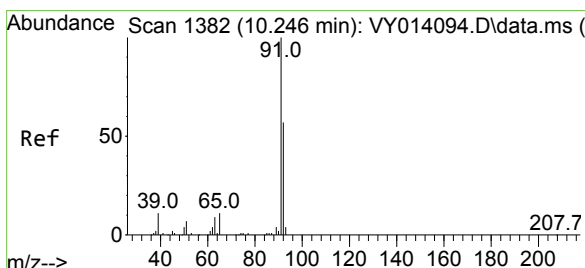
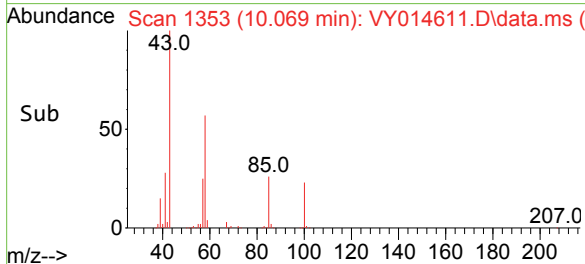
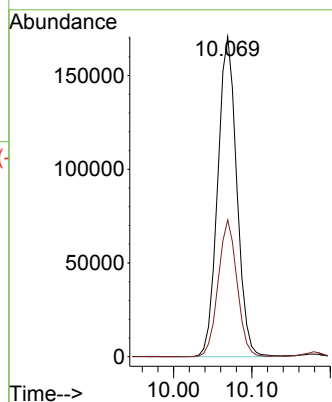
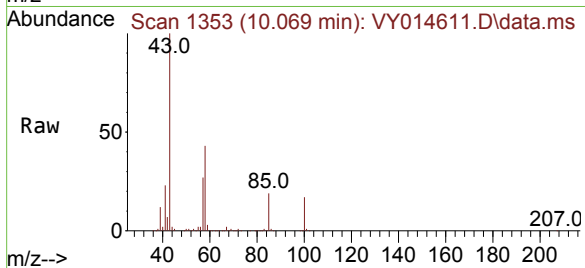
ClientSampleId :

Tgt Ion: 43 Resp: 289198

Ion Ratio Lower Upper

43 100

58 42.4 29.0 43.6



#52

Toluene

Concen: 19.907 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY014611.D

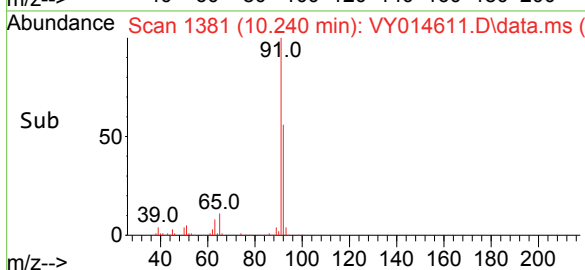
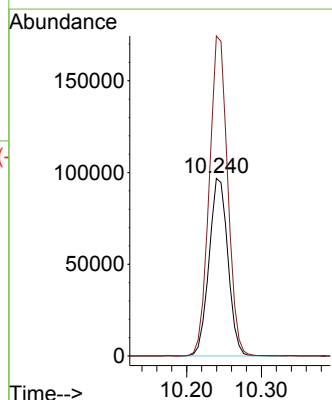
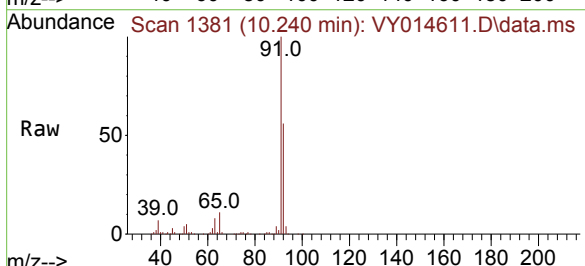
Acq: 10 Jul 2023 12:32

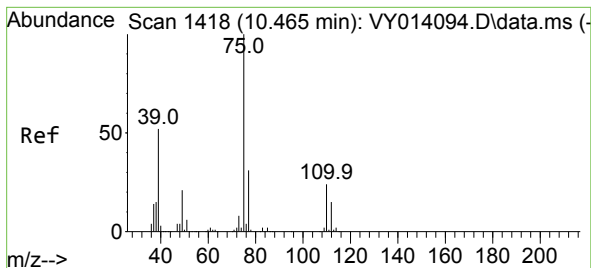
Tgt Ion: 92 Resp: 169240

Ion Ratio Lower Upper

92 100

91 176.4 143.8 215.6

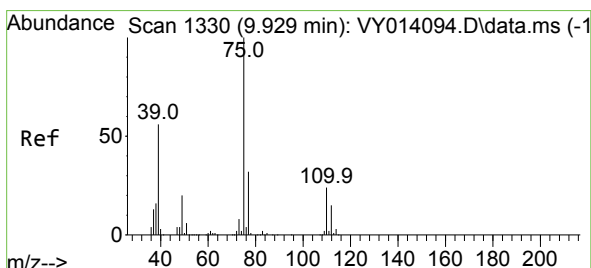
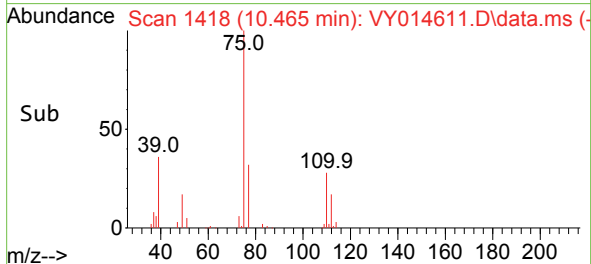
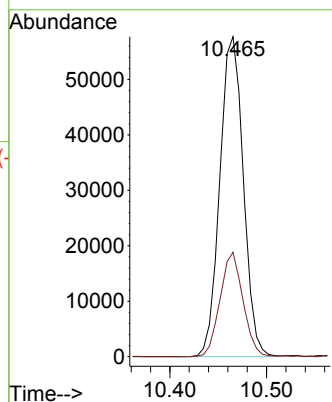
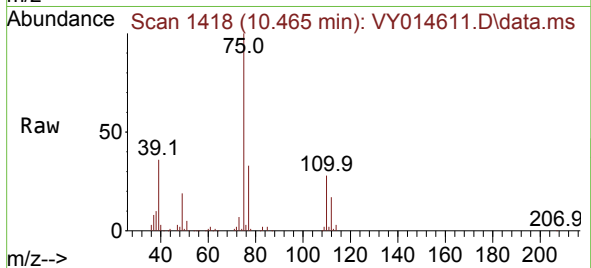




#53
t-1,3-Dichloropropene
Concen: 19.580 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

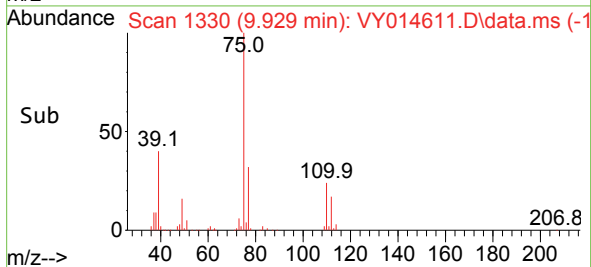
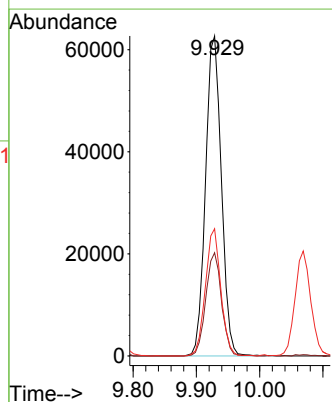
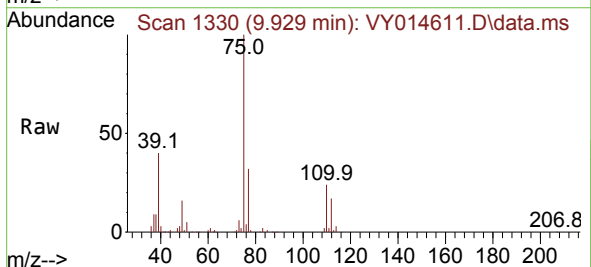
Instrument :
MSVOA_Y
ClientSampleId :

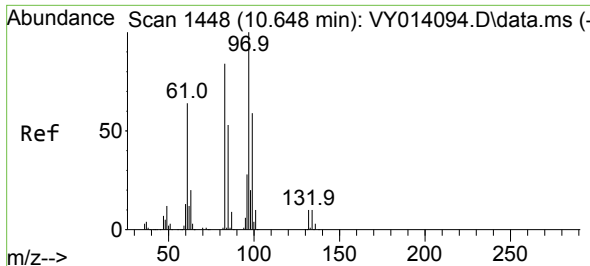
Tgt Ion: 75 Resp: 97338
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.675 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

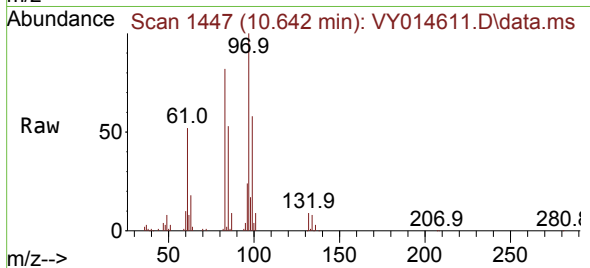
Tgt Ion: 75 Resp: 109126
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 39.7 42.2 63.4#





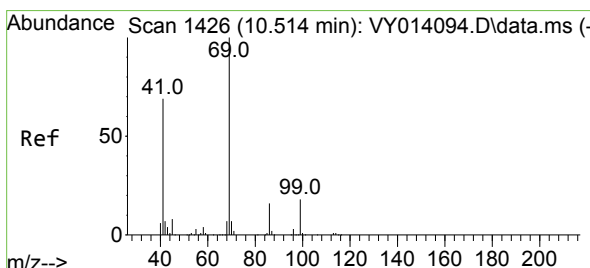
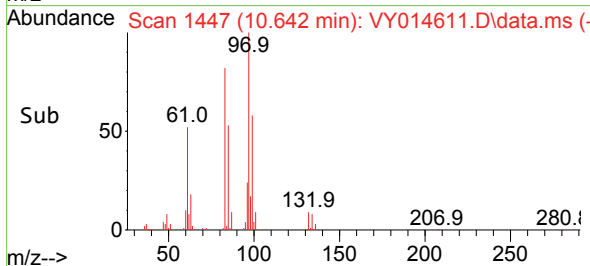
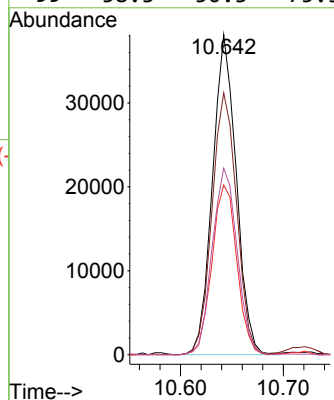
#55
1,1,2-Trichloroethane
Concen: 19.975 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 97 Resp: 61325

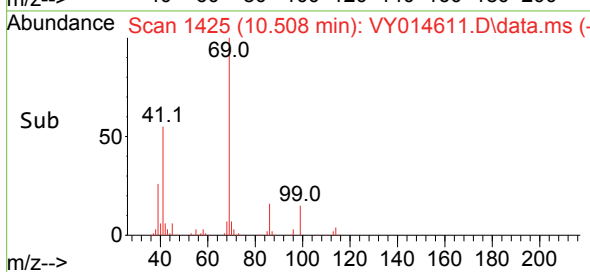
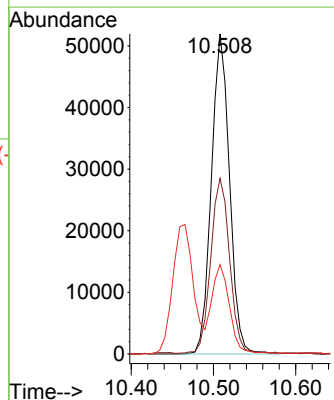
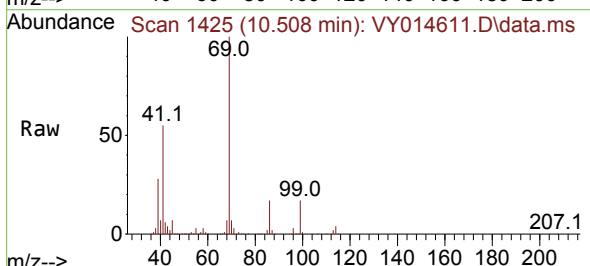
Ion	Ratio	Lower	Upper
97	100		
83	81.8	72.0	108.0
85	53.0	45.4	68.0
99	58.3	50.3	75.5

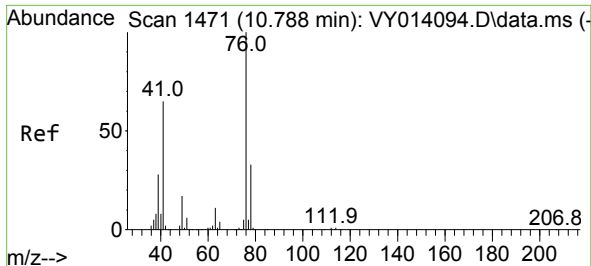


#56
Ethyl methacrylate
Concen: 19.058 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 69 Resp: 79590

Ion	Ratio	Lower	Upper
69	100		
41	57.0	57.6	86.4#
39	26.8	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 19.497 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

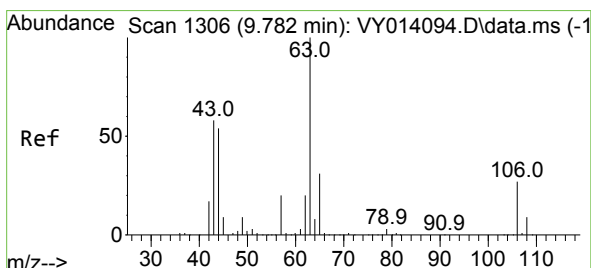
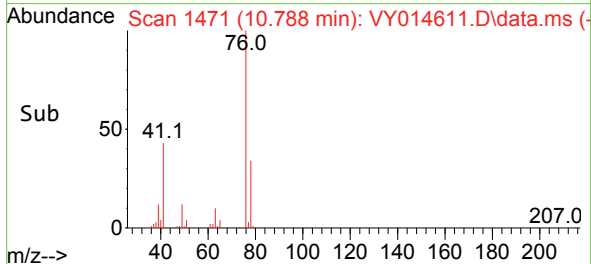
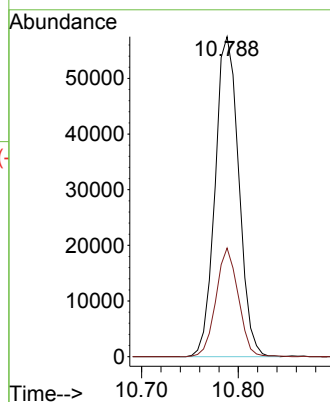
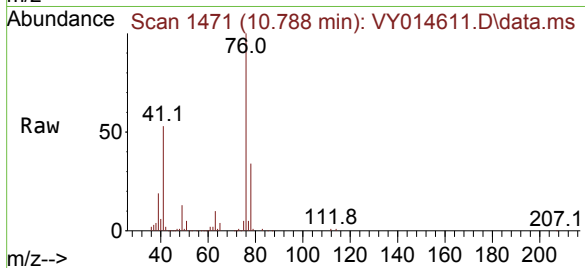
ClientSampleId :

Tgt Ion: 76 Resp: 97528

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 99.562 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014611.D

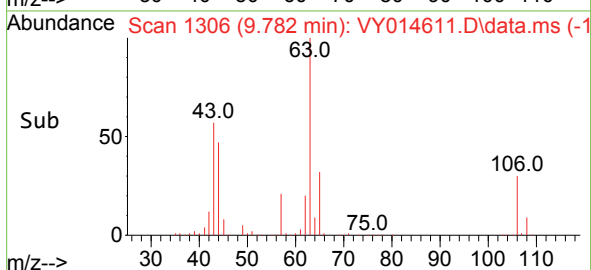
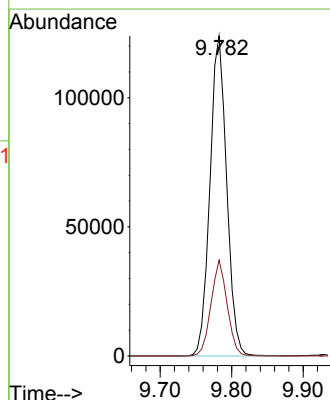
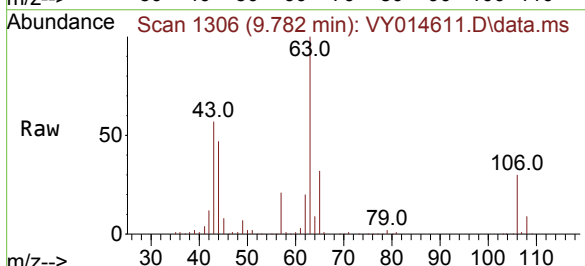
Acq: 10 Jul 2023 12:32

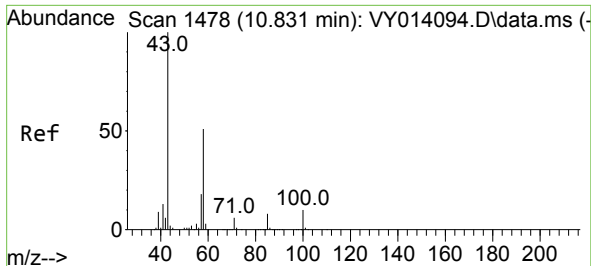
Tgt Ion: 63 Resp: 201428

Ion Ratio Lower Upper

63 100

106 28.8 21.2 31.8

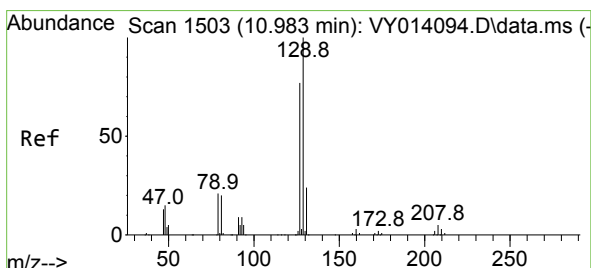
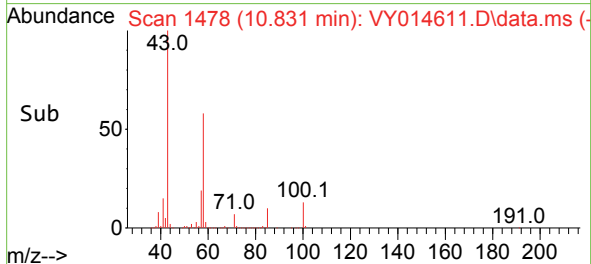
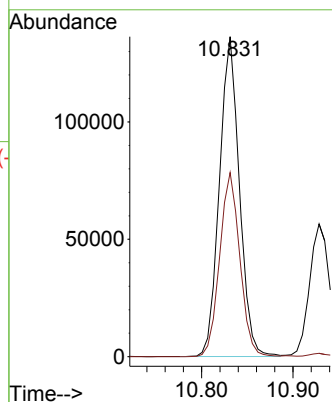
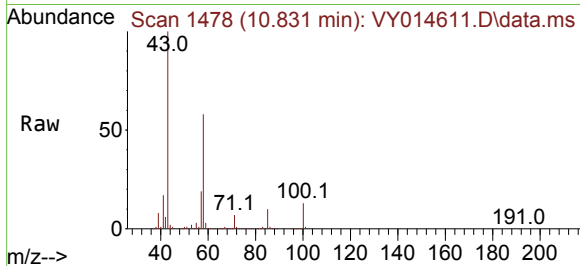




#59
2-Hexanone
Concen: 93.302 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

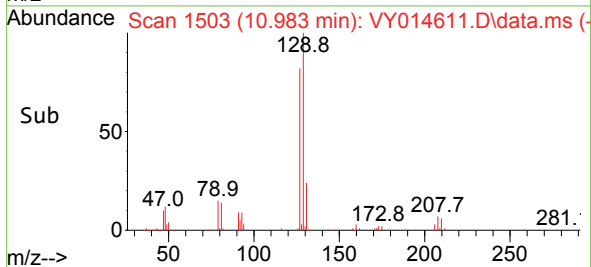
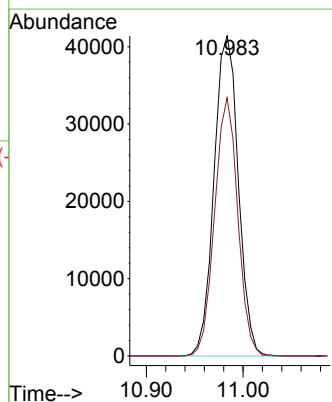
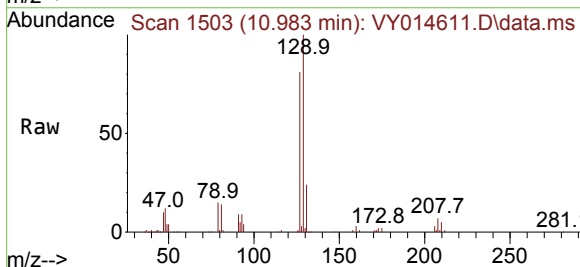
Instrument :
MSVOA_Y
ClientSampleId :

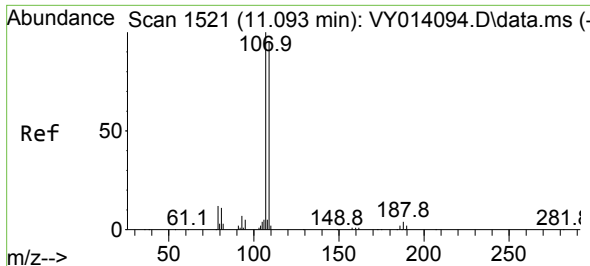
Tgt Ion: 43 Resp: 206960
Ion Ratio Lower Upper
43 100
58 58.1 25.1 75.3



#60
Dibromochloromethane
Concen: 20.059 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 129 Resp: 72157
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

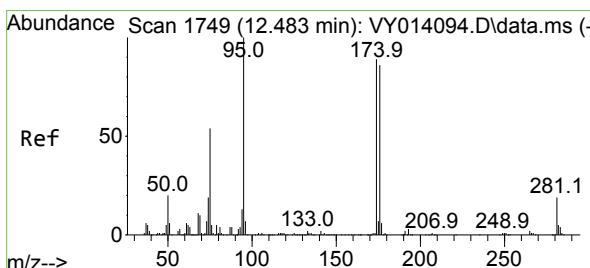
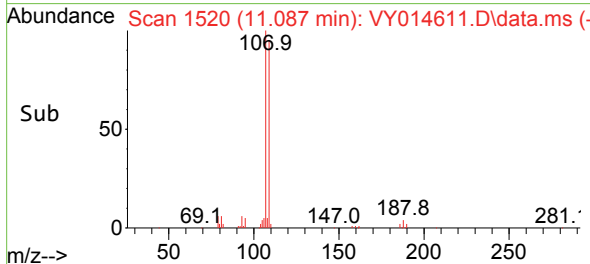
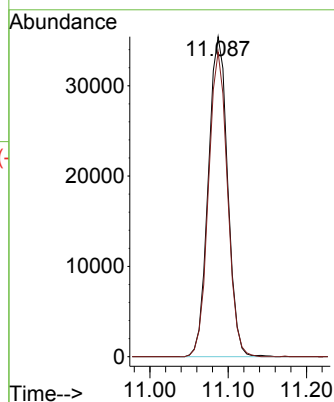
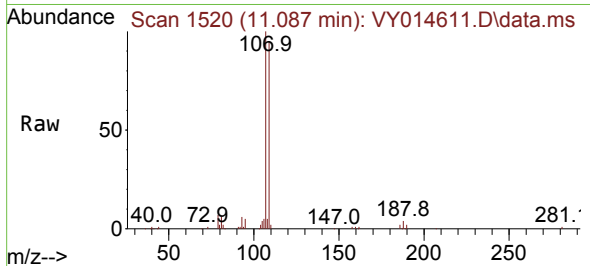




#61
1,2-Dibromoethane
Concen: 20.259 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

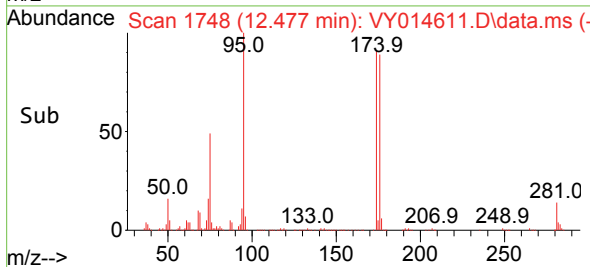
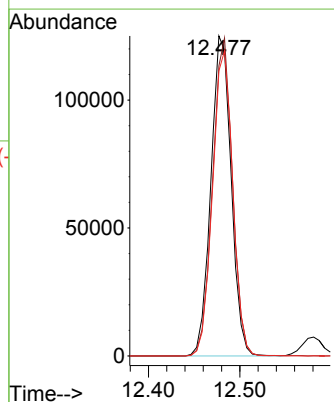
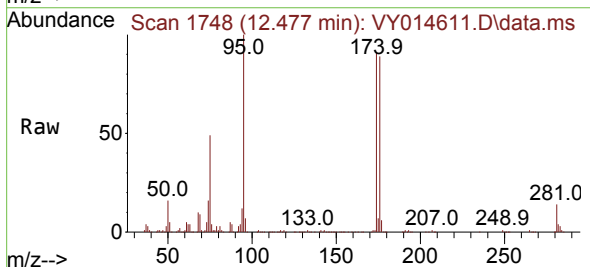
Instrument :
MSVOA_Y
ClientSampleId :

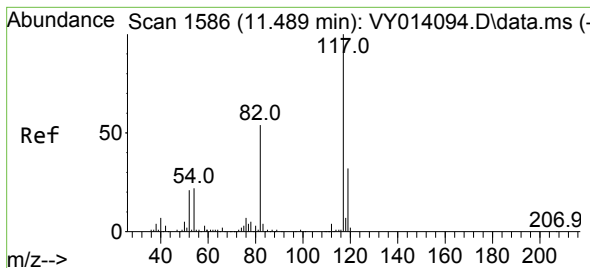
Tgt Ion:107 Resp: 60722
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.048 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 95 Resp: 192213
Ion Ratio Lower Upper
95 100
174 97.5 0.0 178.2
176 95.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

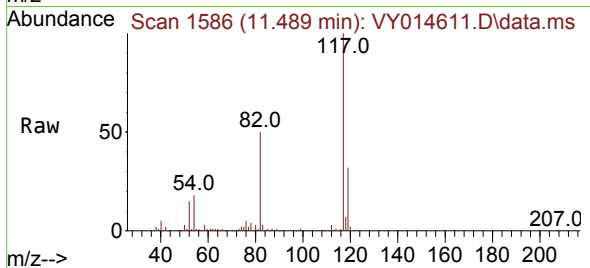
Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :



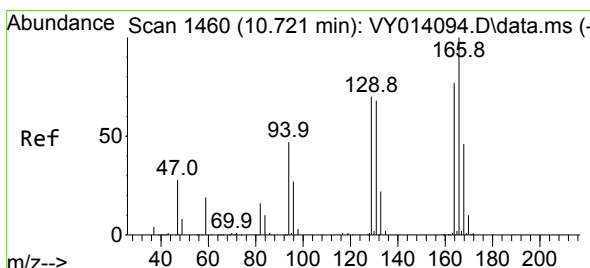
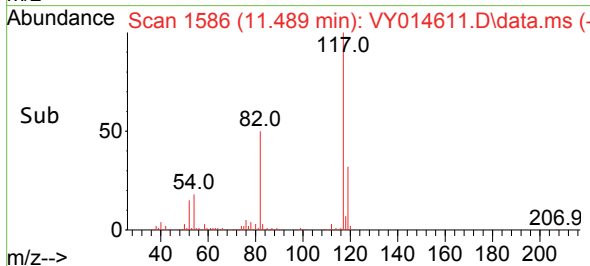
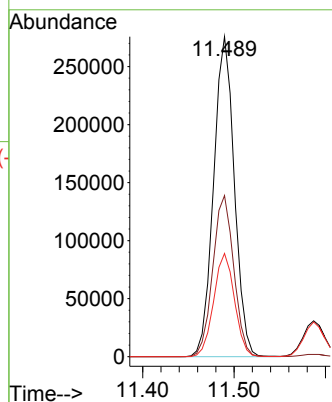
Tgt Ion:117 Resp: 434269

Ion Ratio Lower Upper

117 100

82 50.4 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 20.599 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Tgt Ion:164 Resp: 79967

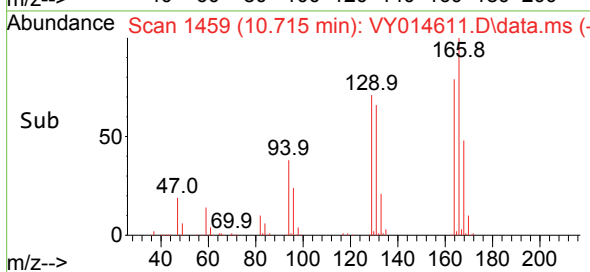
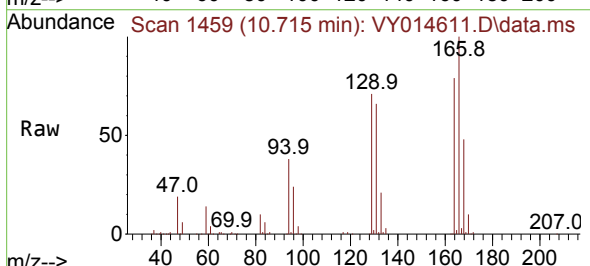
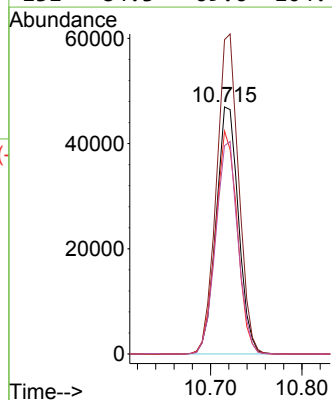
Ion Ratio Lower Upper

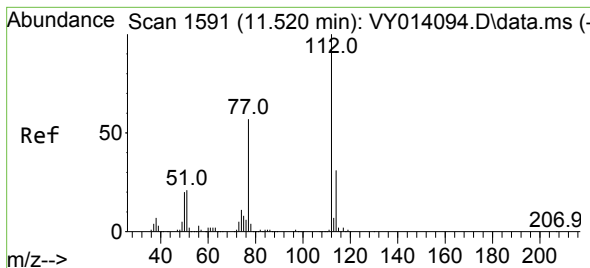
164 100

166 127.2 103.0 154.6

129 90.2 77.2 115.8

131 84.3 69.6 104.4

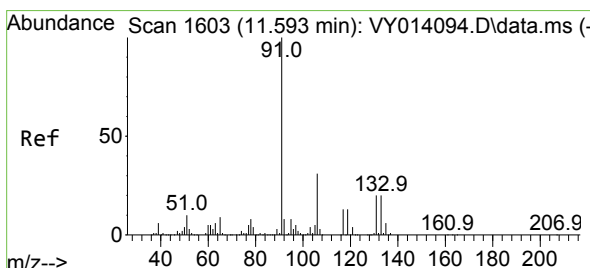
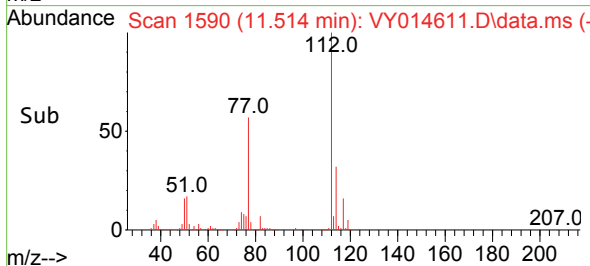
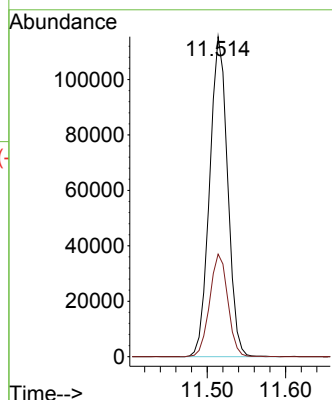
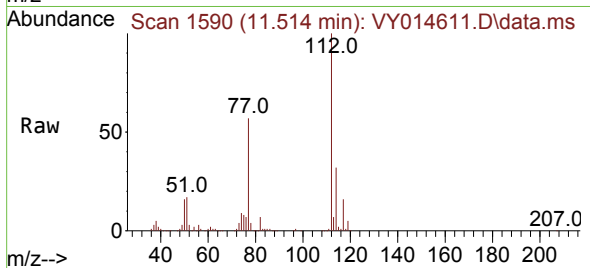




#65
Chlorobenzene
Concen: 19.866 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

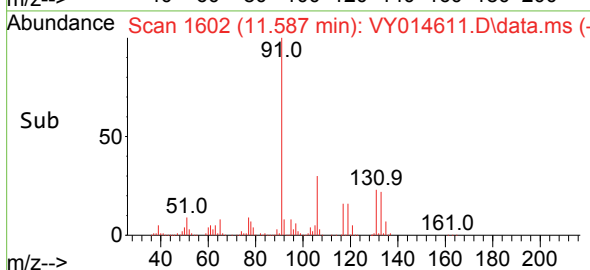
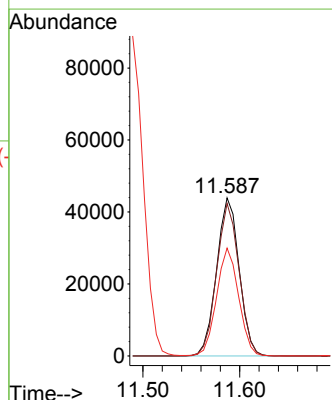
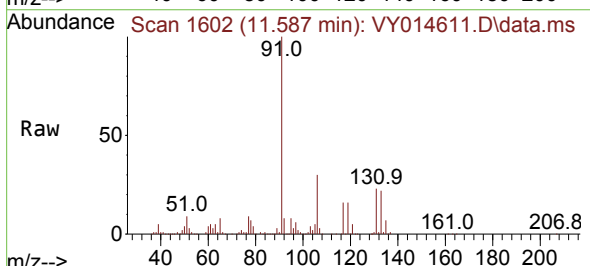
Instrument :
MSVOA_Y
ClientSampleId :

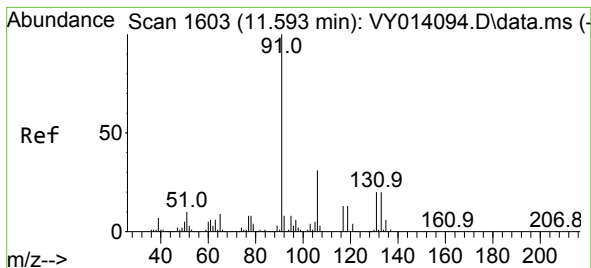
Tgt Ion:112 Resp: 183854
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.217 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion:131 Resp: 71114
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 66.8 31.6 94.7





#67

Ethyl Benzene

Concen: 19.757 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

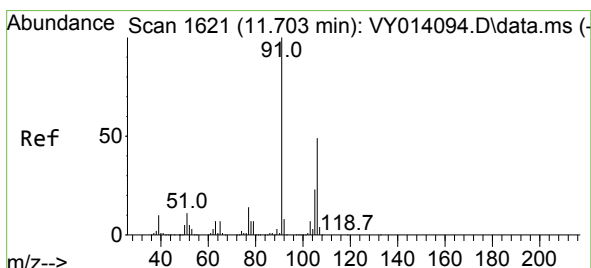
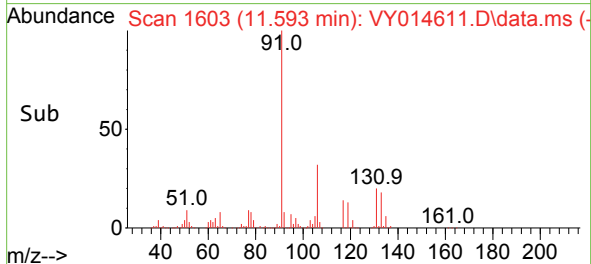
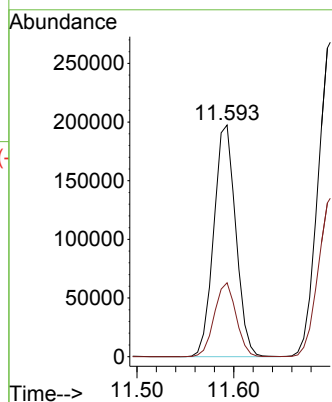
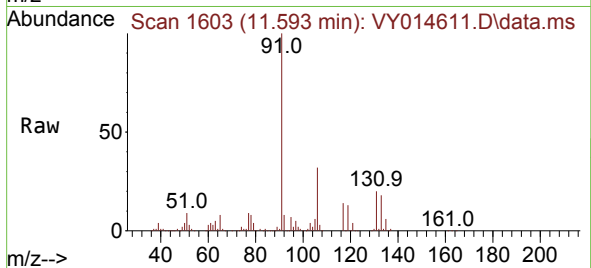
ClientSampleId :

Tgt Ion: 91 Resp: 311809

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 40.312 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014611.D

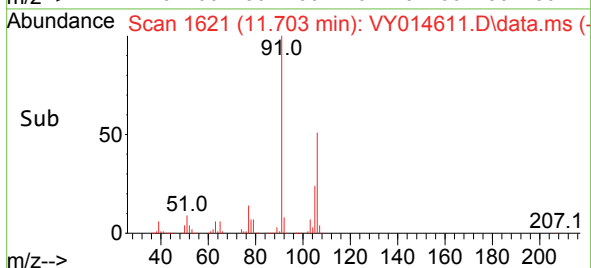
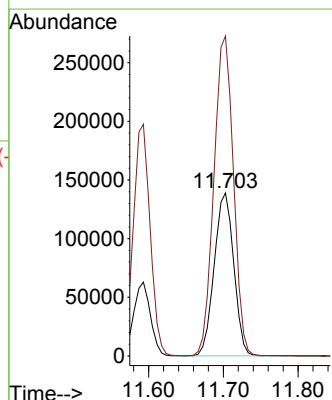
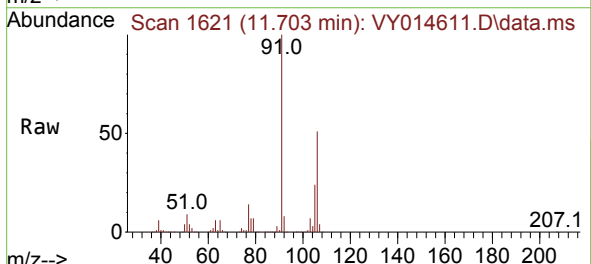
Acq: 10 Jul 2023 12:32

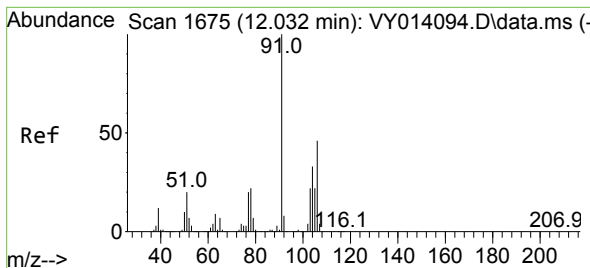
Tgt Ion: 106 Resp: 252362

Ion Ratio Lower Upper

106 100

91 197.0 166.1 249.1





#69

o-Xylene

Concen: 19.472 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

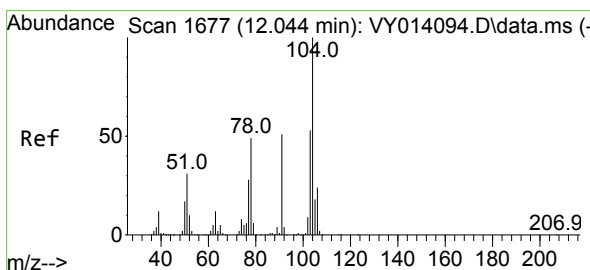
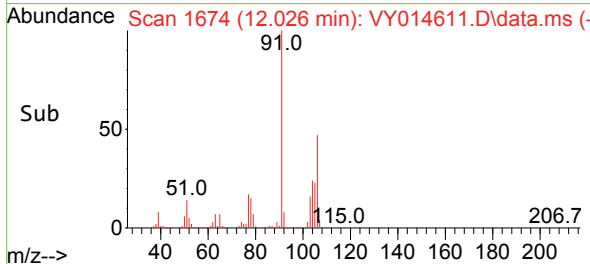
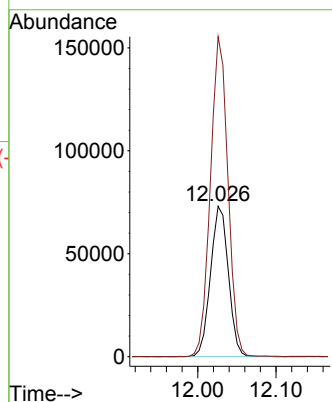
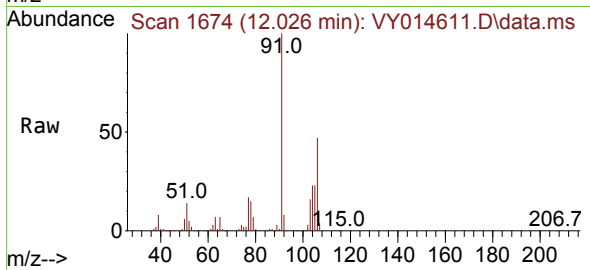
ClientSampleId :

Tgt Ion:106 Resp: 115616

Ion Ratio Lower Upper

106 100

91 209.3 108.1 324.3



#70

Styrene

Concen: 19.640 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

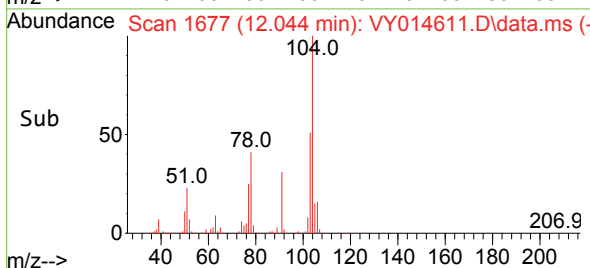
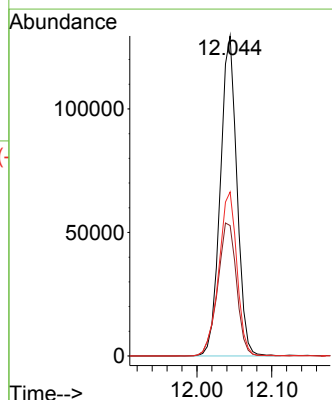
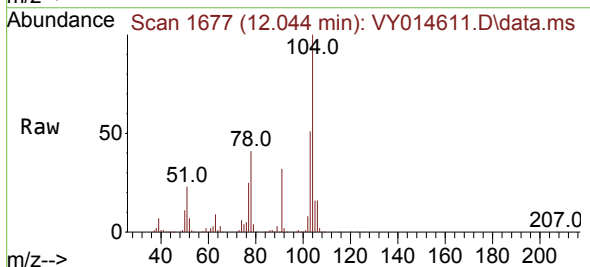
Tgt Ion:104 Resp: 200637

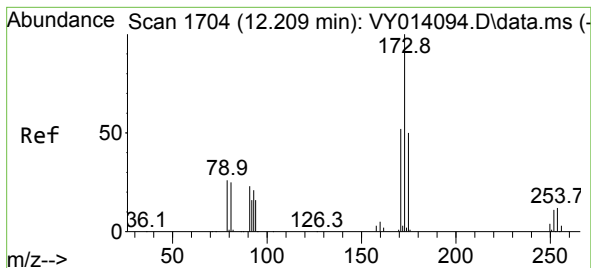
Ion Ratio Lower Upper

104 100

78 47.4 41.5 62.3

103 56.2 44.6 67.0





#71

Bromoform

Concen: 20.422 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014611.D

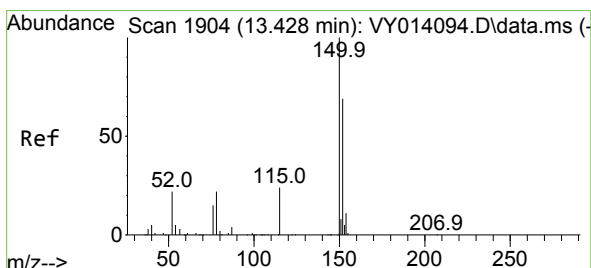
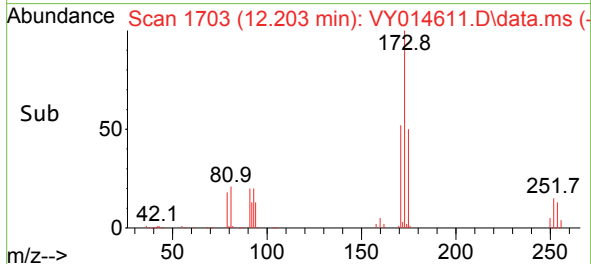
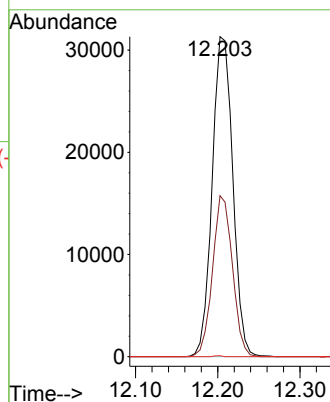
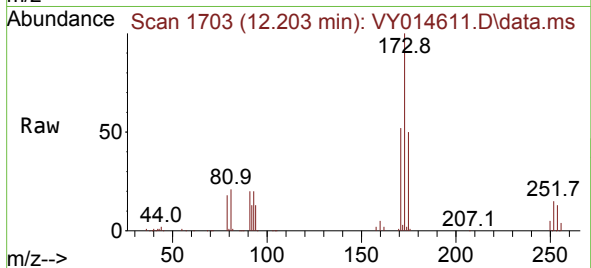
Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	54574
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.6 73.8
254	0.1	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

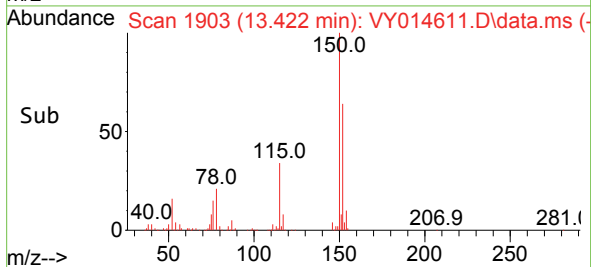
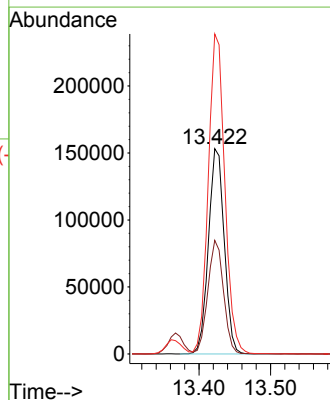
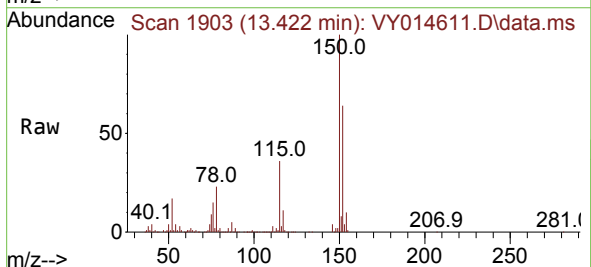
RT: 13.422 min Scan# 1903

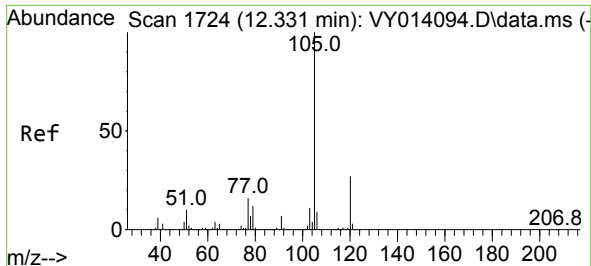
Delta R.T. -0.006 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Tgt Ion:152	Resp:	235377
Ion Ratio	Lower	Upper
152	100	
115	54.7	28.8 86.5
150	163.0	0.0 348.8

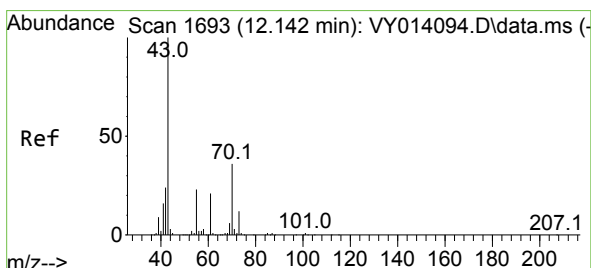
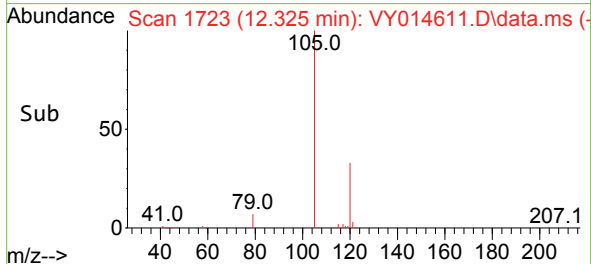
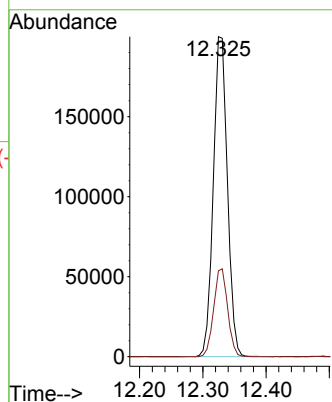
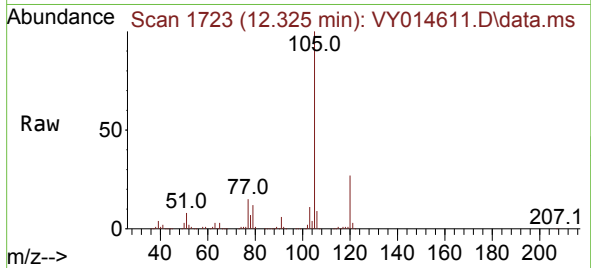




#73
Isopropylbenzene
Concen: 20.076 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

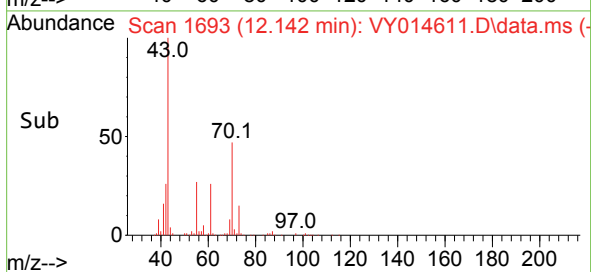
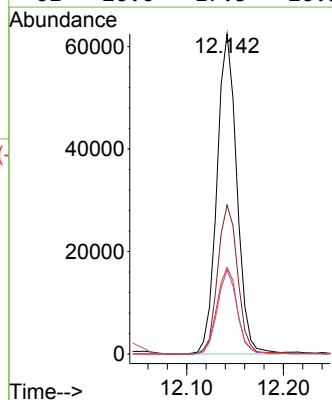
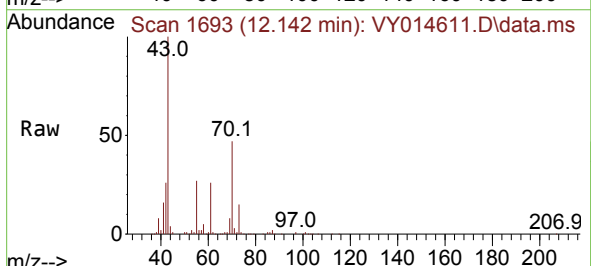
Instrument :
MSVOA_Y
ClientSampleId :

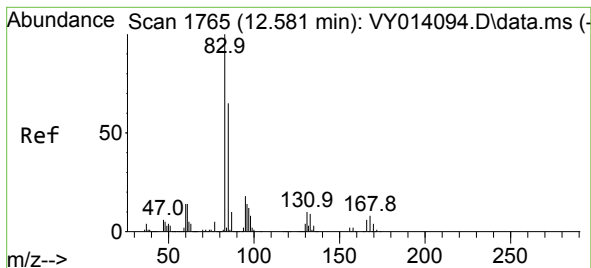
Tgt Ion:105 Resp: 309476
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9



#74
N-ethyl acetate
Concen: 19.181 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 43 Resp: 89240
Ion Ratio Lower Upper
43 100
70 47.0 29.7 44.5#
55 28.1 18.3 27.5#
61 26.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.812 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

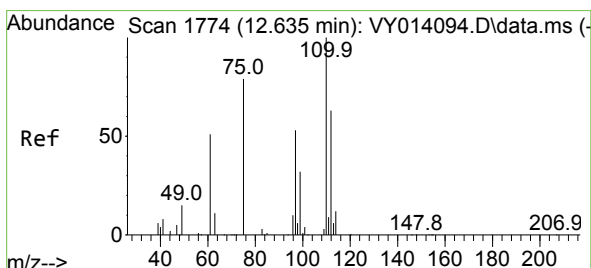
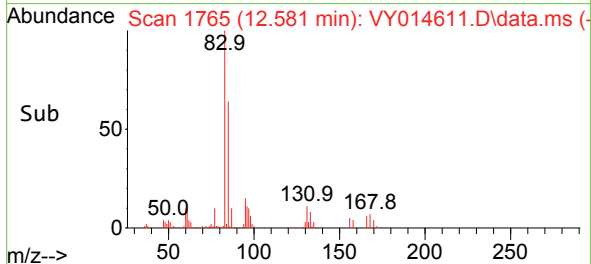
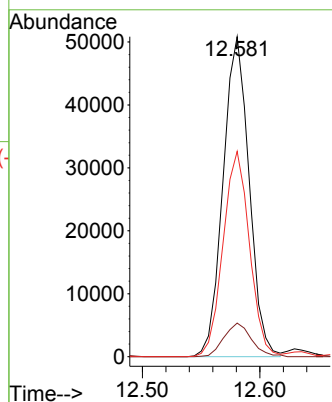
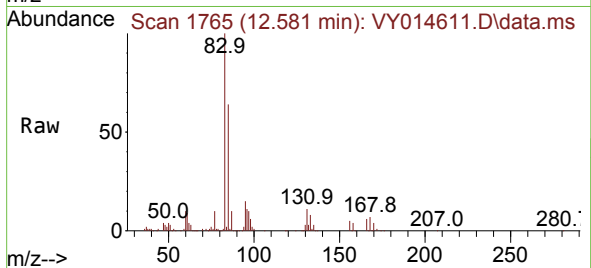
Tgt Ion: 83 Resp: 78376

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.189 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY014611.D

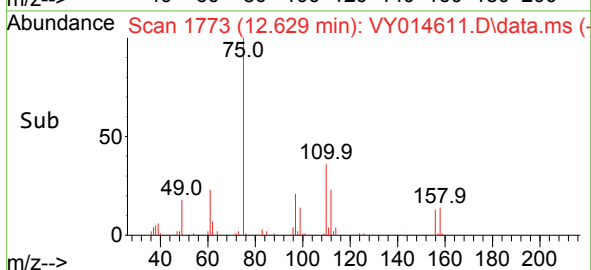
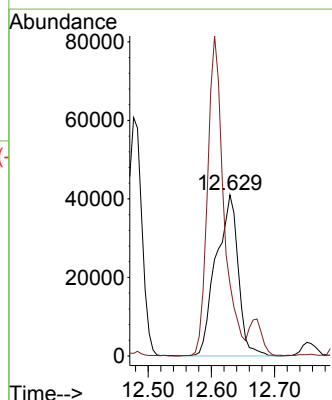
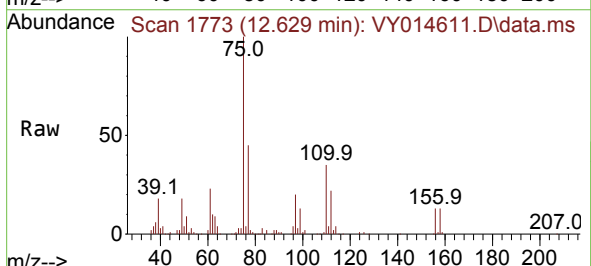
Acq: 10 Jul 2023 12:32

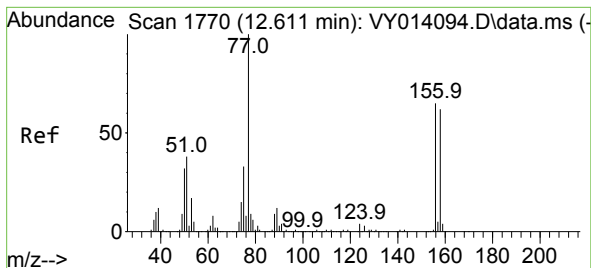
Tgt Ion: 75 Resp: 99955

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.055 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

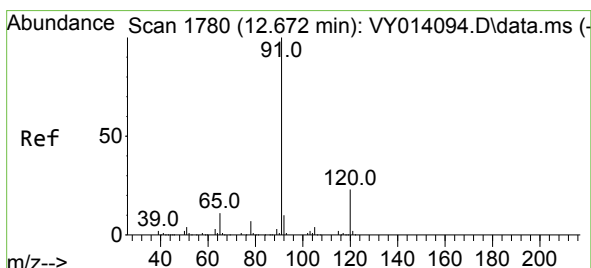
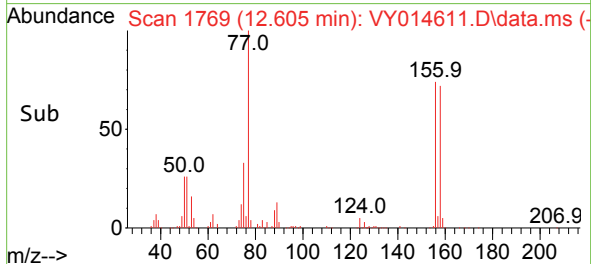
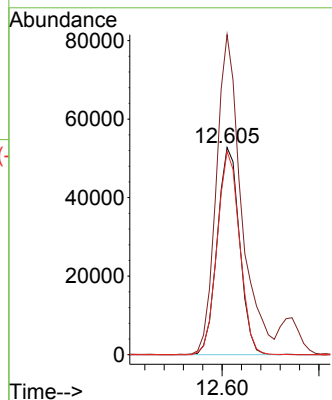
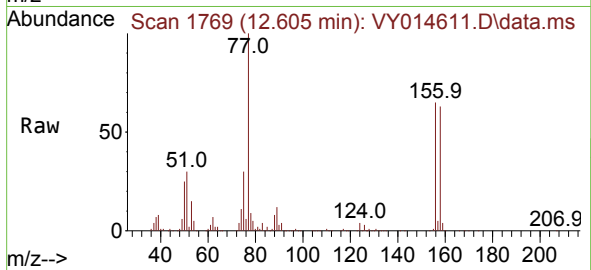
Tgt Ion:156 Resp: 84440

Ion Ratio Lower Upper

156 100

77 173.6 92.8 278.6

158 98.8 48.4 145.3



#78

n-propylbenzene

Concen: 20.435 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014611.D

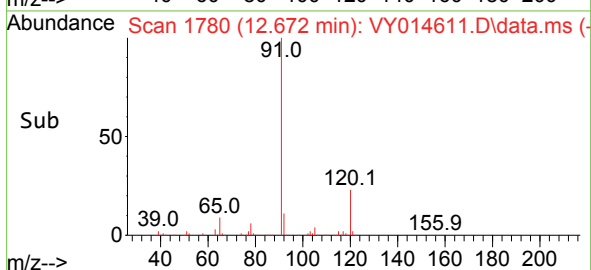
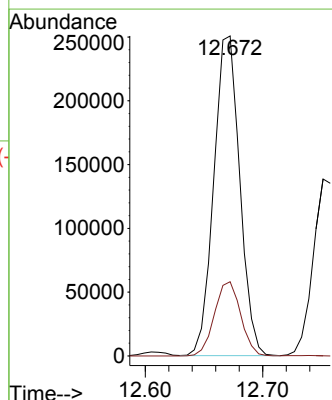
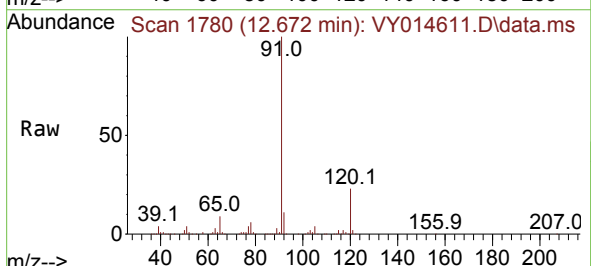
Acq: 10 Jul 2023 12:32

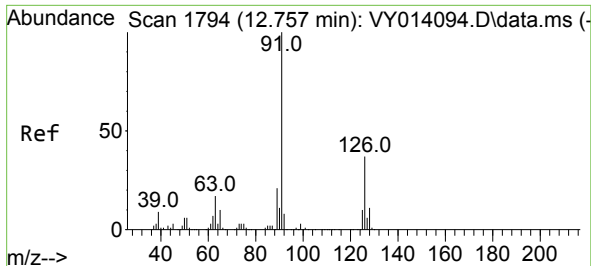
Tgt Ion: 91 Resp: 384267

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

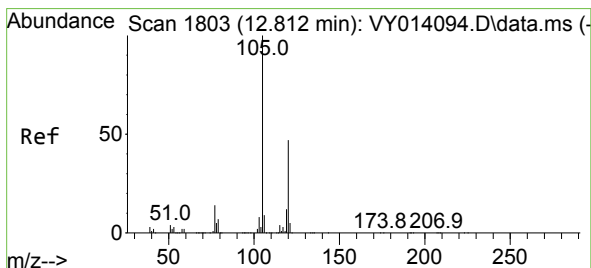
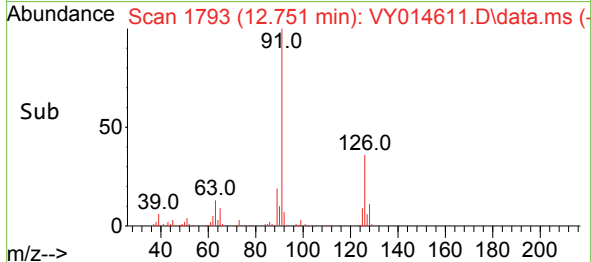
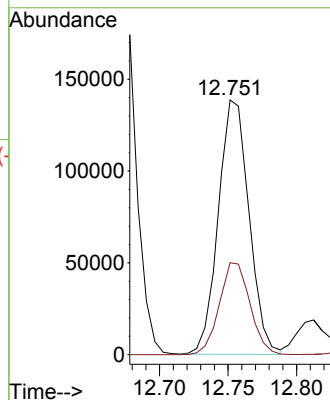
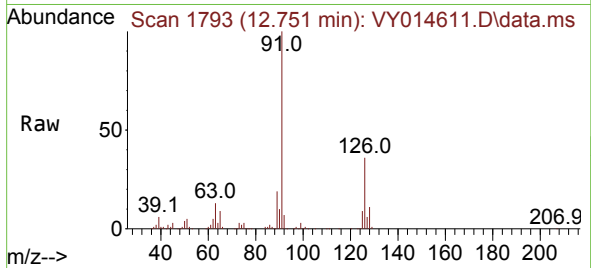




#79
2-Chlorotoluene
Concen: 19.969 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

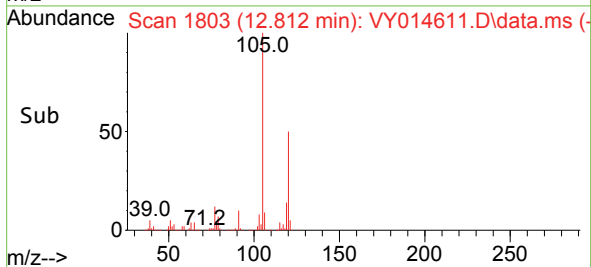
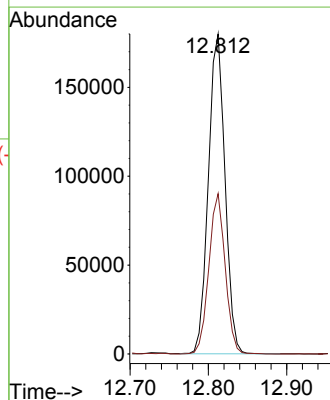
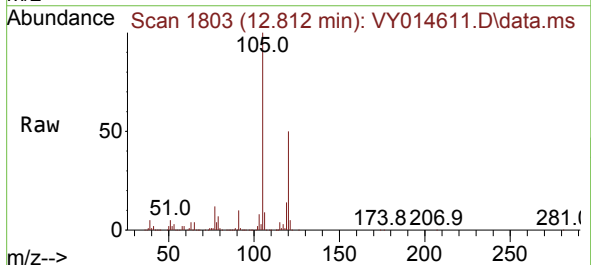
Instrument :
MSVOA_Y
ClientSampleId :

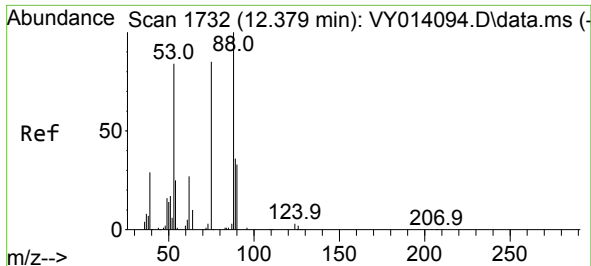
Tgt Ion: 91 Resp: 216098
Ion Ratio Lower Upper
91 100
126 36.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.276 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 105 Resp: 264602
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

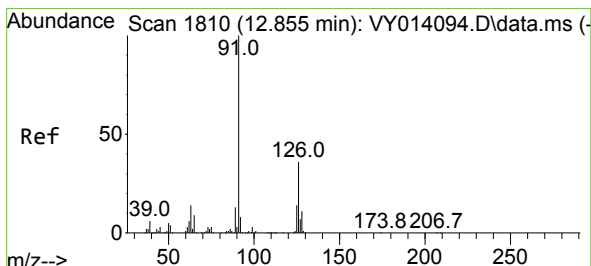
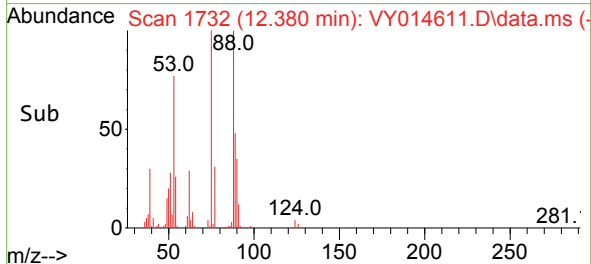
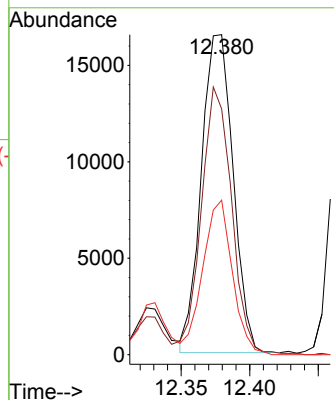
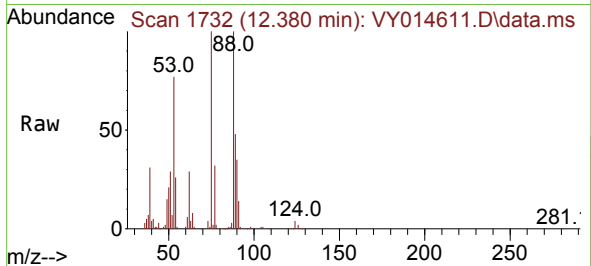




#81
trans-1,4-Dichloro-2-butene
Concen: 18.681 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

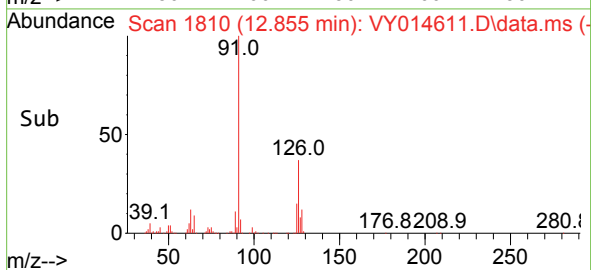
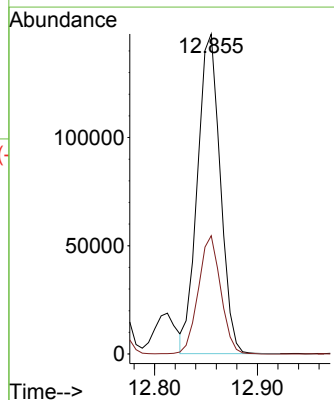
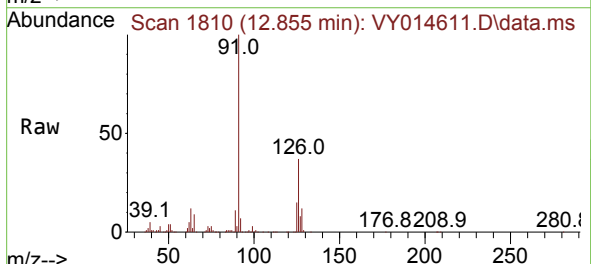
Instrument :
MSVOA_Y
ClientSampleId :

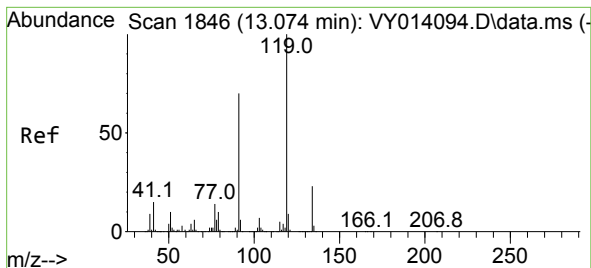
Tgt Ion: 75 Resp: 26510
Ion Ratio Lower Upper
75 100
53 81.2 77.8 116.8
89 45.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.078 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 91 Resp: 227633
Ion Ratio Lower Upper
91 100
126 36.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.976 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

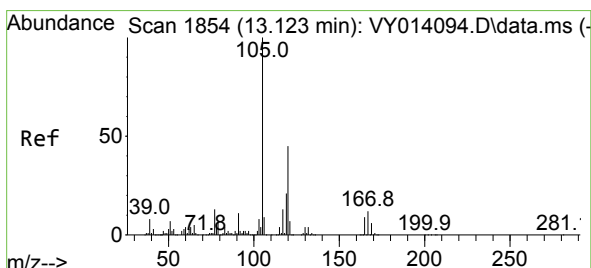
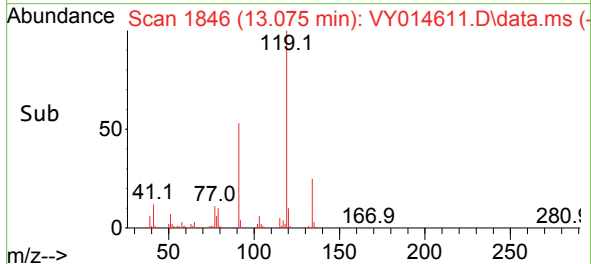
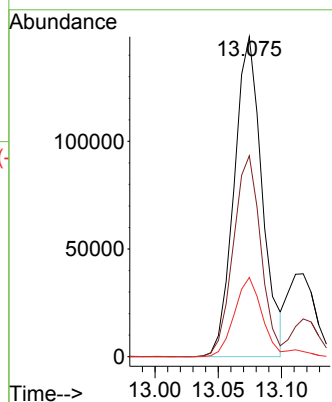
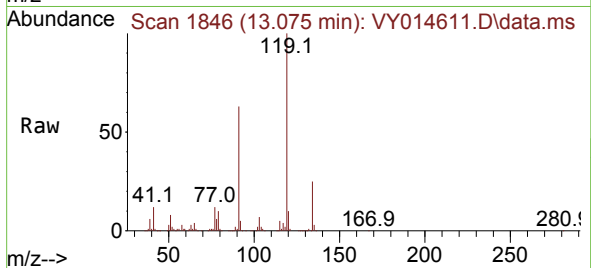
Tgt Ion:119 Resp: 229105

Ion Ratio Lower Upper

119 100

91 61.9 32.9 98.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.908 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014611.D

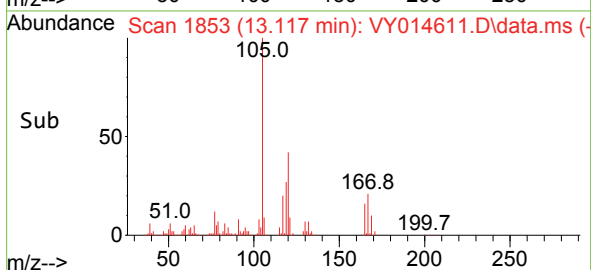
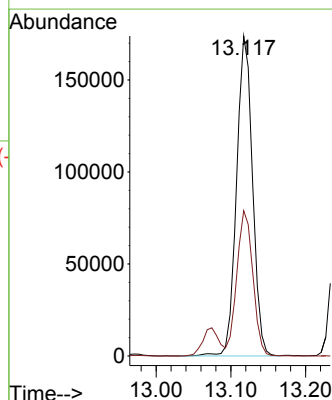
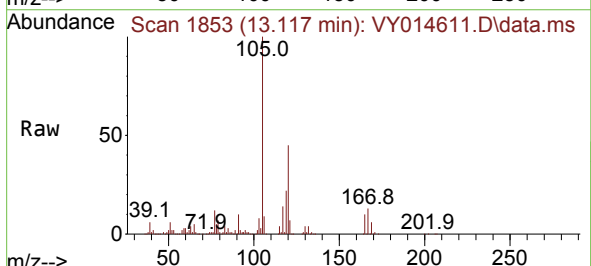
Acq: 10 Jul 2023 12:32

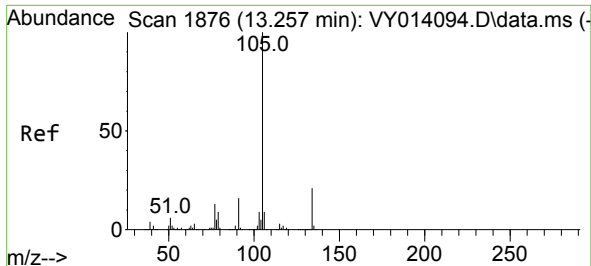
Tgt Ion:105 Resp: 259251

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6

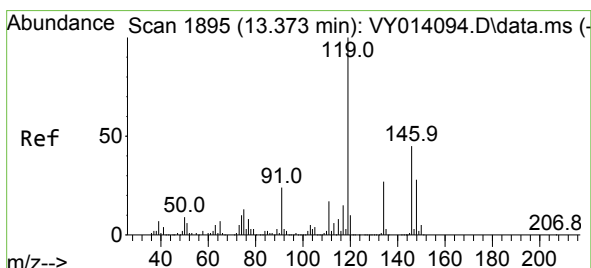
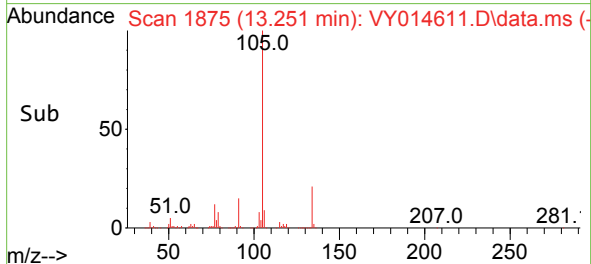
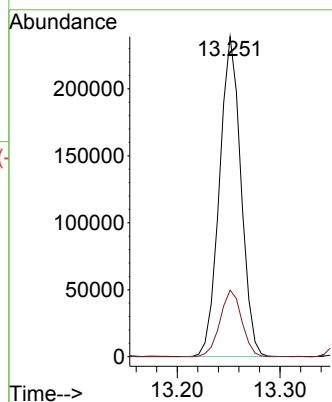
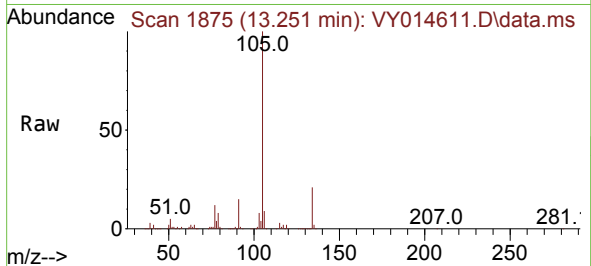




#85
 sec-Butylbenzene
 Concen: 20.449 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

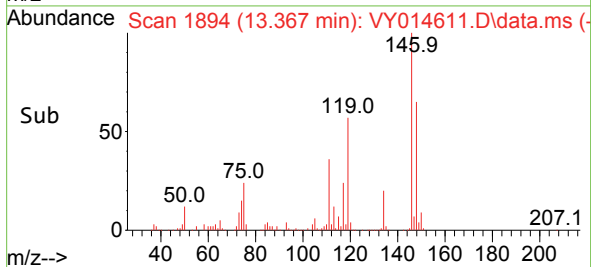
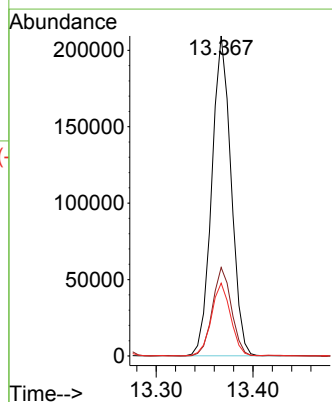
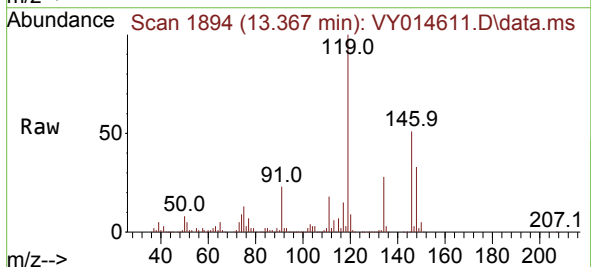
Instrument :
 MSVOA_Y
 ClientSampleId :

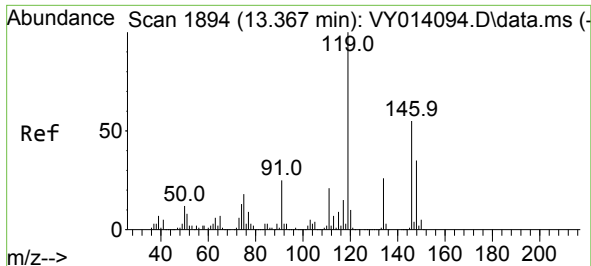
Tgt Ion:105 Resp: 346088
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.377 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

Tgt Ion:119 Resp: 290224
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 22.5 12.4 37.4

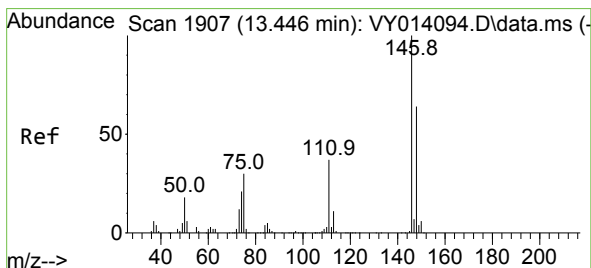
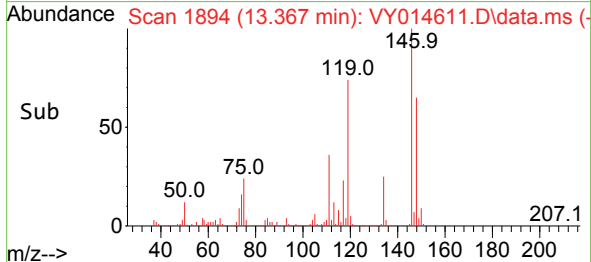
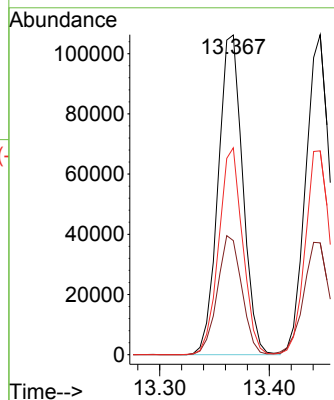
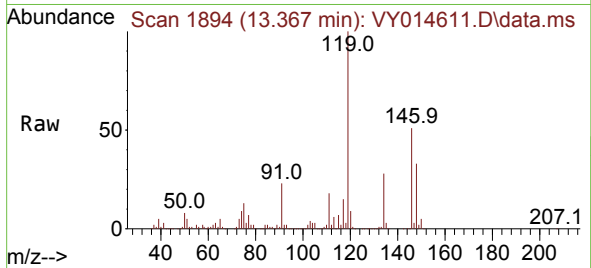




#87
1,3-Dichlorobenzene
Concen: 20.129 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

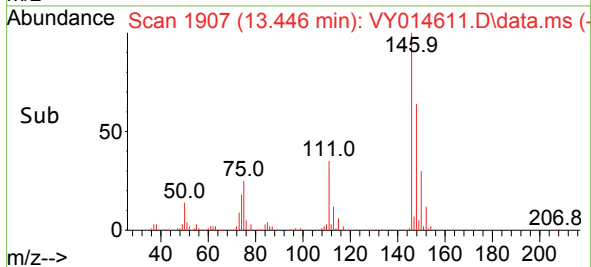
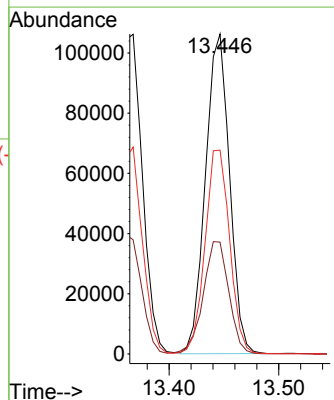
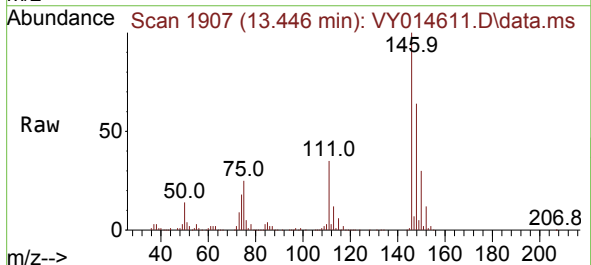
Instrument :
MSVOA_Y
ClientSampleId :

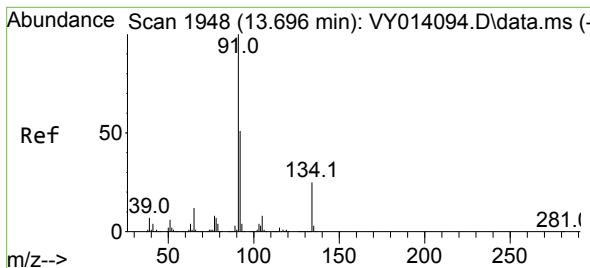
Tgt Ion:146 Resp: 165706
Ion Ratio Lower Upper
146 100
111 37.0 19.4 58.2
148 62.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.658 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion:146 Resp: 162185
Ion Ratio Lower Upper
146 100
111 37.4 18.9 56.7
148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 20.299 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

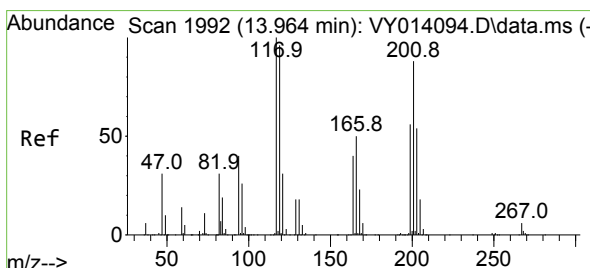
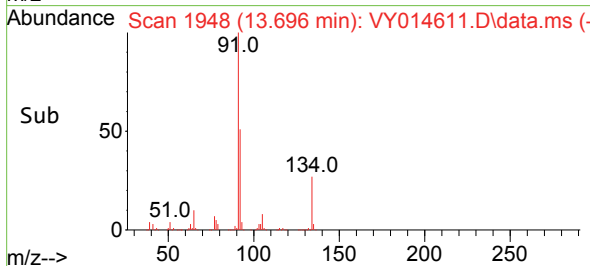
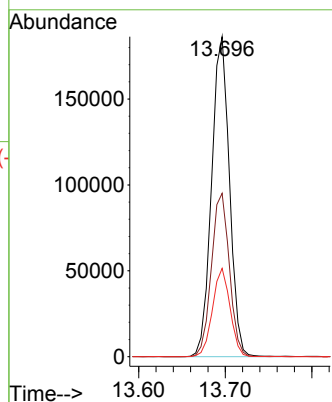
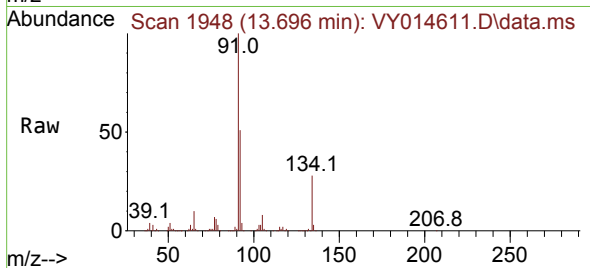
Tgt Ion: 91 Resp: 267192

Ion Ratio Lower Upper

91 100

92 51.4 25.4 76.0

134 27.1 12.6 37.6



#90

Hexachloroethane

Concen: 20.580 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014611.D

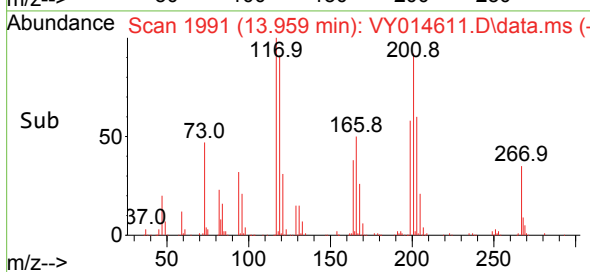
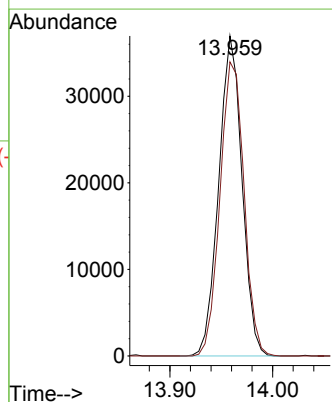
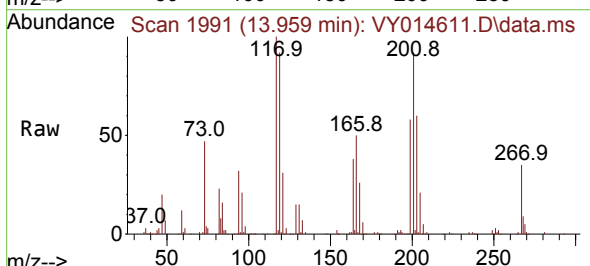
Acq: 10 Jul 2023 12:32

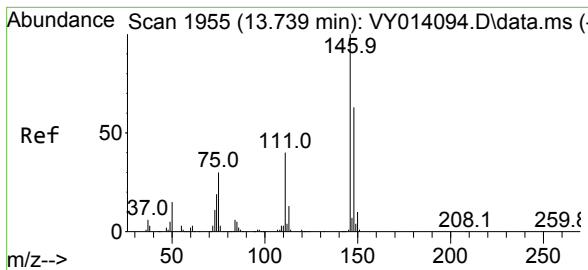
Tgt Ion: 117 Resp: 58062

Ion Ratio Lower Upper

117 100

201 94.7 41.6 124.8

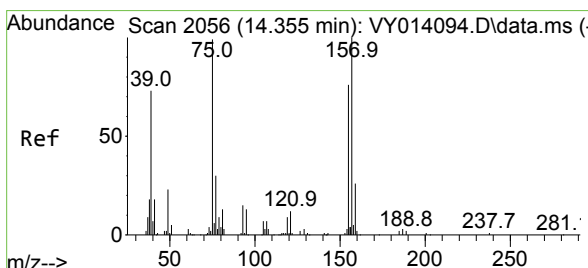
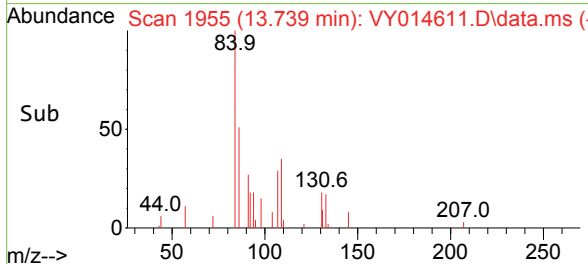
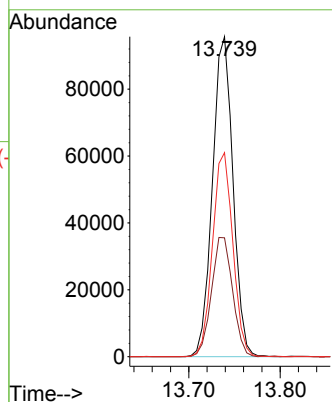
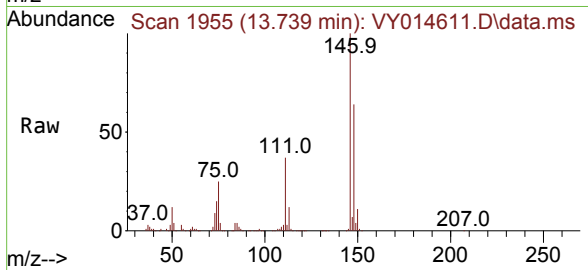




#91
 1,2-Dichlorobenzene
 Concen: 19.978 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

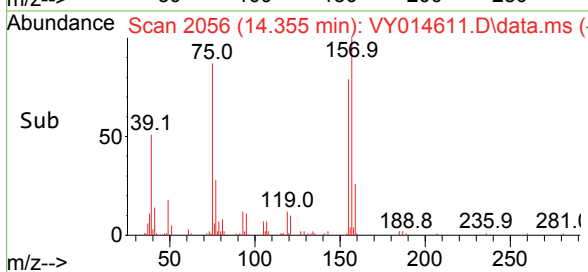
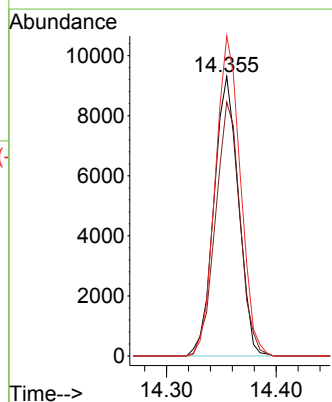
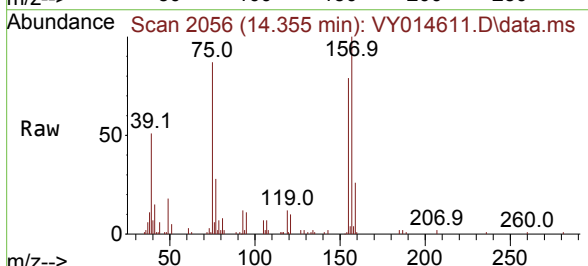
Instrument :
 MSVOA_Y
 ClientSampleId :

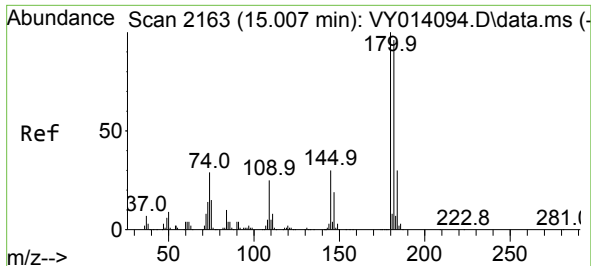
Tgt Ion:146 Resp: 148974
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.7 59.0
 148 63.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.931 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

Tgt Ion: 75 Resp: 14435
 Ion Ratio Lower Upper
 75 100
 155 91.3 41.5 124.6
 157 117.2 51.8 155.5

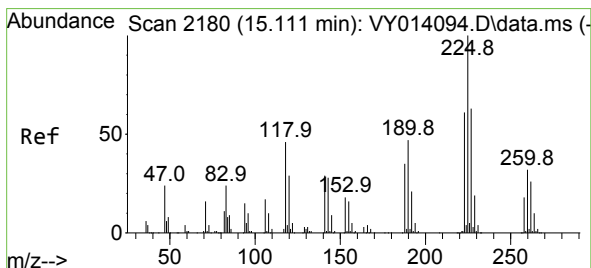
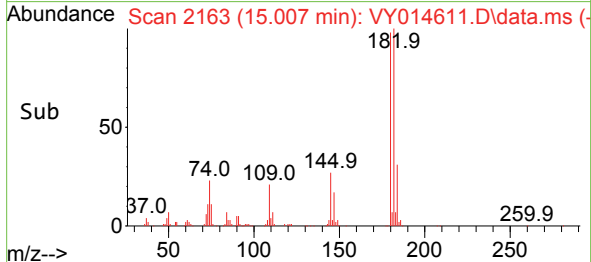
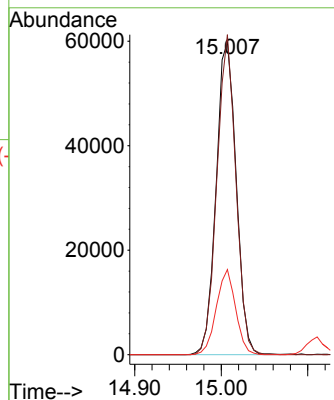
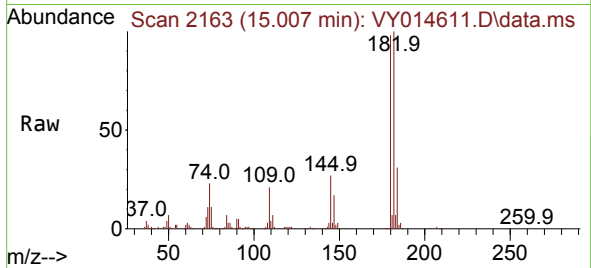




#93
 1,2,4-Trichlorobenzene
 Concen: 19.961 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

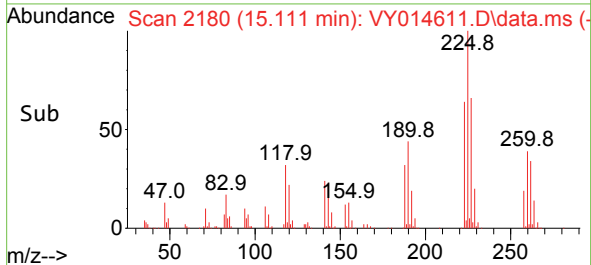
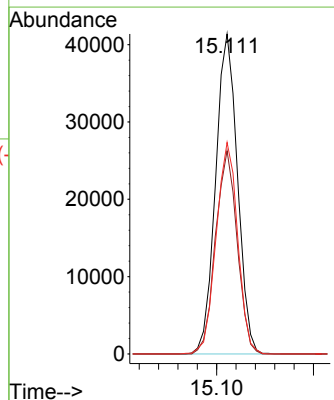
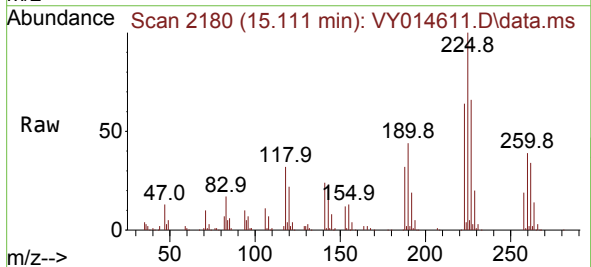
Instrument :
 MSVOA_Y
 ClientSampleId :

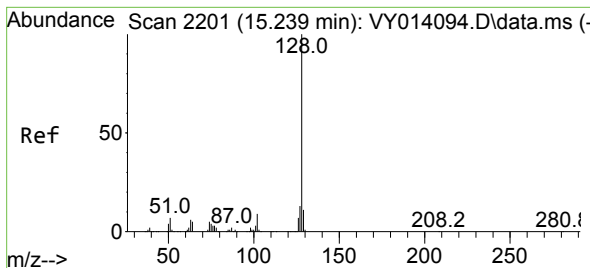
Tgt Ion:180 Resp: 96138
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.0 141.2
 145 26.2 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 21.935 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

Tgt Ion:225 Resp: 64932
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.9
 227 65.2 33.0 98.9





#95

Naphthalene

Concen: 18.426 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

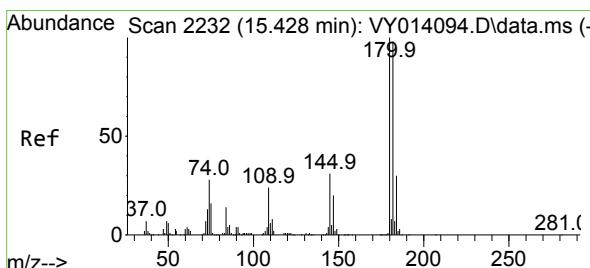
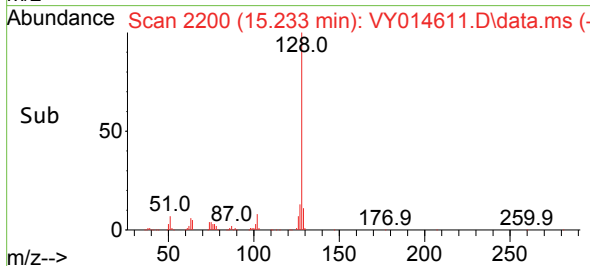
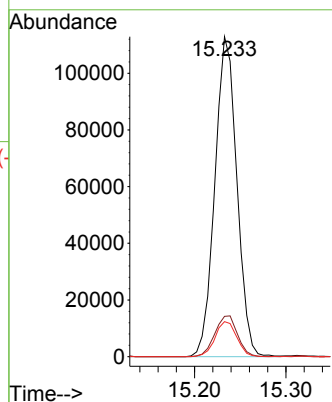
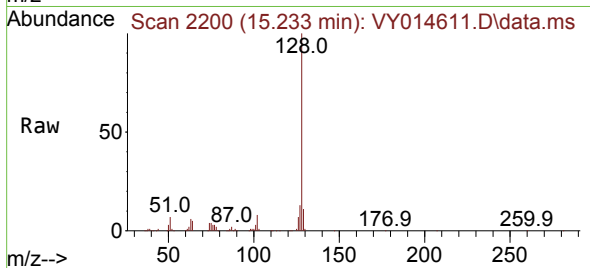
Tgt Ion:128 Resp: 188814

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.086 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Tgt Ion:180 Resp: 88144

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 28.9 15.4 46.2

