

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013220.D
 Acq On : 07 Apr 2023 17:22
 Operator : KP/MD
 Sample : VSTDCCC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Apr 07 23:03:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 07 22:57:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	83192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	129697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	117434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11638	12.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	25.060%#
35) Dibromofluoromethane	7.716	113	9584	11.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	22.640%#
50) Toluene-d8	10.179	98	32338	10.560	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	21.120%#
62) 4-Bromofluorobenzene	12.477	95	11049	10.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	20.960%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	9387	12.521	ug/l	95
3) Chloromethane	2.107	50	14642	23.394	ug/l	99
4) Vinyl Chloride	2.247	62	10360	12.908	ug/l	100
5) Bromomethane	2.643	94	6103	10.985	ug/l	96
6) Chloroethane	2.790	64	8522	16.288	ug/l #	85
7) Trichlorofluoromethane	3.125	101	15979	11.583	ug/l	93
8) Diethyl Ether	3.527	74	5744	11.422	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	9272	11.381	ug/l	97
10) Methyl Iodide	4.082	142	9608	9.175	ug/l	96
11) Tert butyl alcohol	4.948	59	13275	83.509	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	8442	11.039	ug/l	97
13) Acrolein	3.735	56	5281	56.307	ug/l	97
14) Allyl chloride	4.472	41	16621	13.287	ug/l	95
15) Acrylonitrile	5.155	53	16909	64.622	ug/l	97
16) Acetone	3.942	43	20006	63.482	ug/l	96
17) Carbon Disulfide	4.192	76	25745	11.781	ug/l	97
18) Methyl Acetate	4.472	43	13721	14.799	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	25858	11.259	ug/l	99
20) Methylene Chloride	4.710	84	15998	14.577	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	9516	11.216	ug/l	95
22) Diisopropyl ether	6.112	45	33623	13.332	ug/l	91
23) Vinyl Acetate	6.057	43	102868	64.897	ug/l	99
24) 1,1-Dichloroethane	6.009	63	18620	12.585	ug/l	99
25) 2-Butanone	6.984	43	26589	65.417	ug/l	90
26) 2,2-Dichloropropane	6.978	77	17213	11.190	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	11096	11.356	ug/l	96
28) Bromochloromethane	7.332	49	8746	14.566	ug/l	93
29) Tetrahydrofuran	7.344	42	16181	69.976	ug/l	96
30) Chloroform	7.502	83	19042	11.840	ug/l	100
31) Cyclohexane	7.783	56	15736	12.143	ug/l #	77
32) 1,1,1-Trichloroethane	7.697	97	17156	11.424	ug/l	97
36) 1,1-Dichloropropene	7.911	75	13808	11.038	ug/l	99
37) Ethyl Acetate	7.069	43	11674	13.762	ug/l	96
38) Carbon Tetrachloride	7.899	117	16013	10.710	ug/l	99
39) Methylcyclohexane	9.179	83	14663	9.919	ug/l	91
40) Benzene	8.155	78	40852	11.196	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	15476	36.230	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	14216	11.353	ug/l	100
43) Isopropyl Acetate	8.270	43	19847	13.135	ug/l	97
44) Trichloroethene	8.935	130	10319	10.143	ug/l	95
45) 1,2-Dichloropropane	9.215	63	10578	12.067	ug/l	95
46) Dibromomethane	9.307	93	6845	12.276	ug/l	95
47) Bromodichloromethane	9.496	83	15166	11.433	ug/l	100
48) Methyl methacrylate	9.289	41	8263	12.013	ug/l #	93
49) 1,4-Dioxane	9.301	88	1532	195.129	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	56194	67.054	ug/l	95
52) Toluene	10.240	92	23916	10.370	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	15395	10.951	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	16727	11.235	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	8812	11.561	ug/l	97
56) Ethyl methacrylate	10.508	69	10555	10.112	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	14811	11.516	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	27342	59.501	ug/l	100
59) 2-Hexanone	10.831	43	40161	64.930	ug/l	94
60) Dibromochloromethane	10.983	129	10777	10.891	ug/l	98
61) 1,2-Dibromoethane	11.087	107	8263	10.846	ug/l	98
64) Tetrachloroethene	10.715	164	9230	9.889	ug/l	97
65) Chlorobenzene	11.514	112	27308	10.507	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	10662	10.629	ug/l	98
67) Ethyl Benzene	11.593	91	45506	10.253	ug/l	100
68) m/p-Xylenes	11.703	106	34595	19.815	ug/l	99
69) o-Xylene	12.026	106	16028	9.770	ug/l	97
70) Styrene	12.044	104	27436	9.897	ug/l	98
71) Bromoform	12.203	173	7338	10.554	ug/l #	98
73) Isopropylbenzene	12.325	105	43124	10.176	ug/l	99
74) N-amyl acetate	12.142	43	16096	12.361	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	11974	12.642	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	15479	22.001	ug/l #	100
77) Bromobenzene	12.605	156	11135	10.230	ug/l	97
78) n-propylbenzene	12.666	91	52704	10.381	ug/l	100
79) 2-Chlorotoluene	12.751	91	30401	10.545	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	35909	10.047	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	4006	11.794	ug/l	88
82) 4-Chlorotoluene	12.855	91	32712	10.768	ug/l	99
83) tert-Butylbenzene	13.075	119	31203	9.754	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	35200	9.996	ug/l	99
85) sec-Butylbenzene	13.251	105	46166	10.072	ug/l	99
86) p-Isopropyltoluene	13.367	119	38511	9.782	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	22282	10.428	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	23813	11.067	ug/l	97
89) n-Butylbenzene	13.696	91	35748	10.139	ug/l	99
90) Hexachloroethane	13.958	117	8551	10.995	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	20759	10.730	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2379	13.164	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	12154	9.998	ug/l	99
94) Hexachlorobutadiene	15.111	225	7244	9.695	ug/l	95
95) Naphthalene	15.233	128	25343	9.759	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	11204	9.845	ug/l	98

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QLast Update : Fri Apr 07 22:57:18 2023
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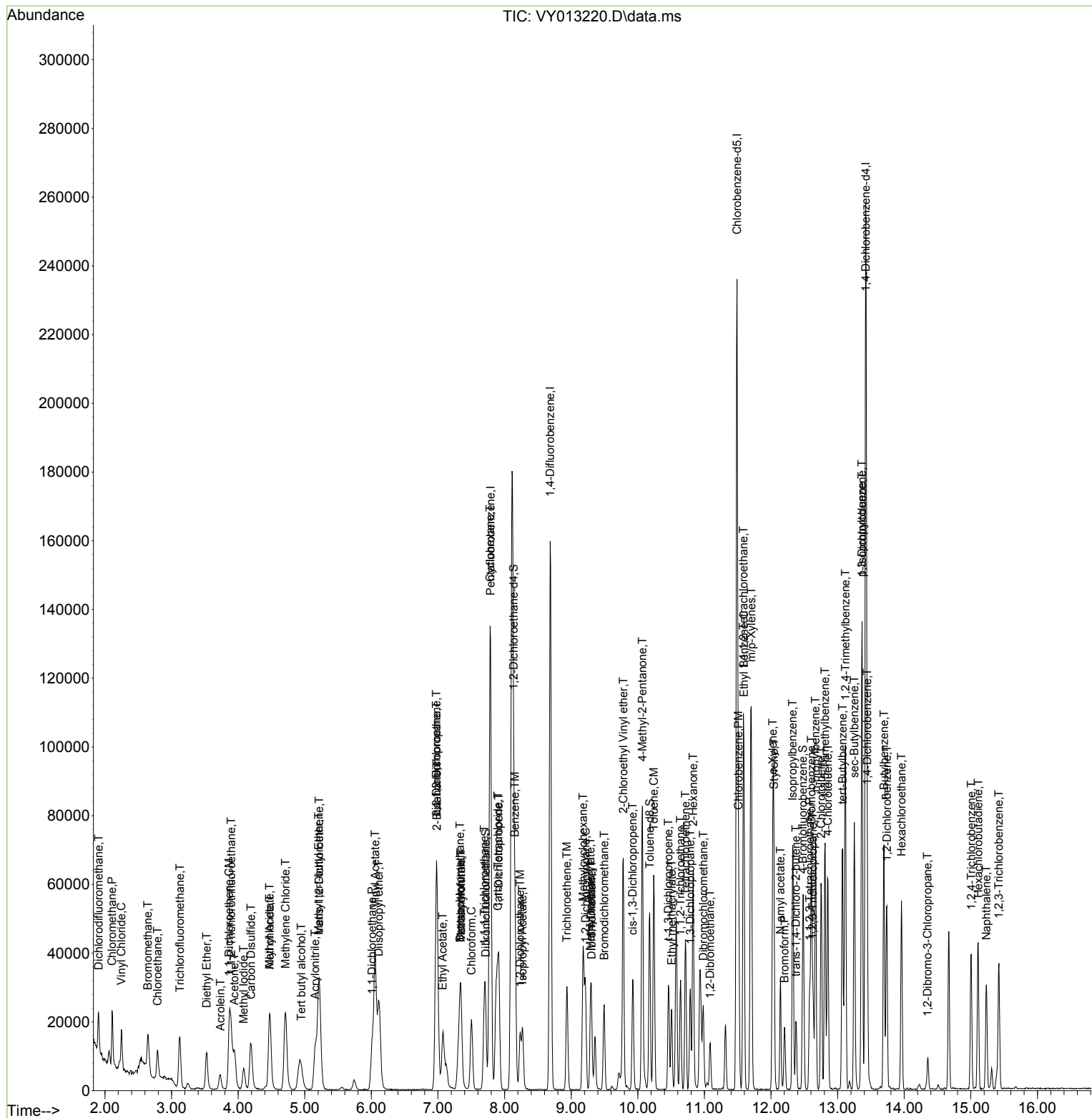
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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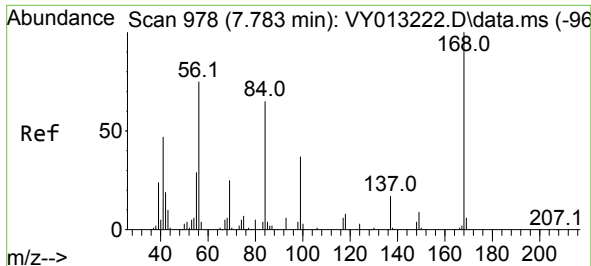
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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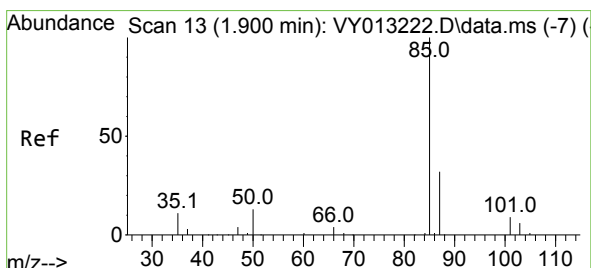
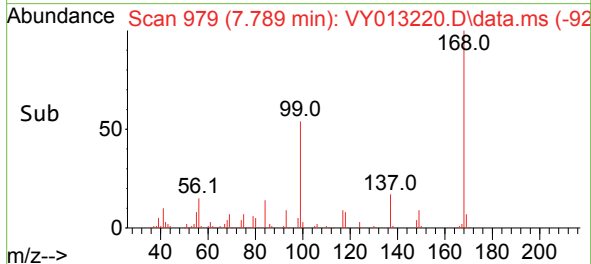
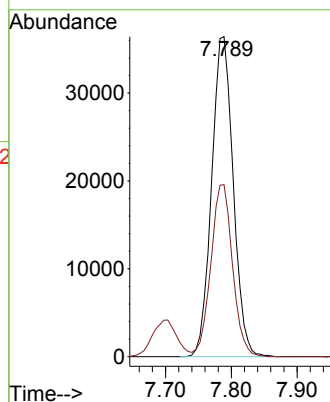
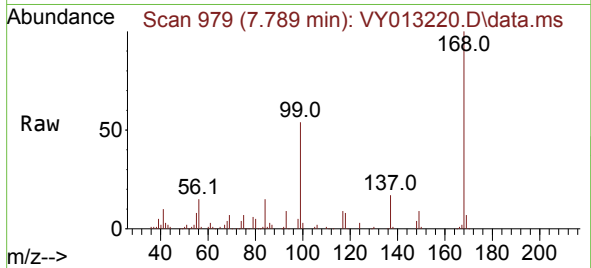




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
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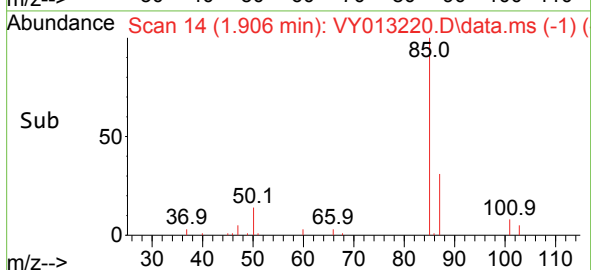
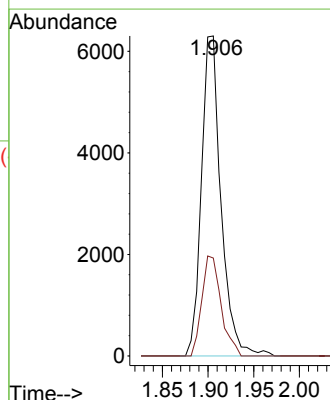
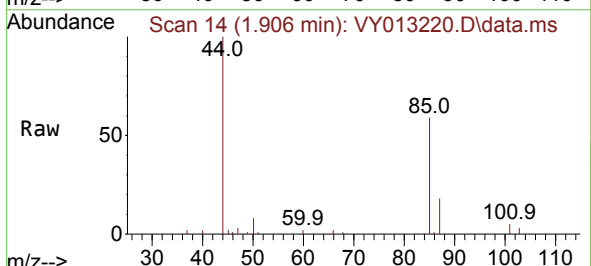
Instrument :
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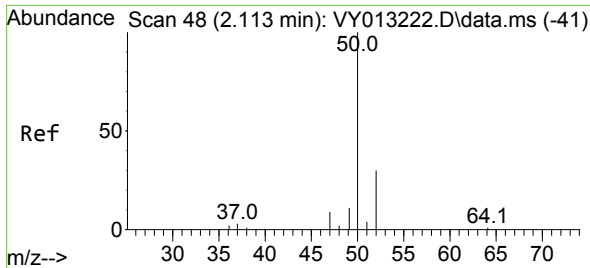
Tgt Ion:168 Resp: 83192
Ion Ratio Lower Upper
168 100
99 53.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 12.521 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 85 Resp: 9387
Ion Ratio Lower Upper
85 100
87 30.6 16.7 50.0

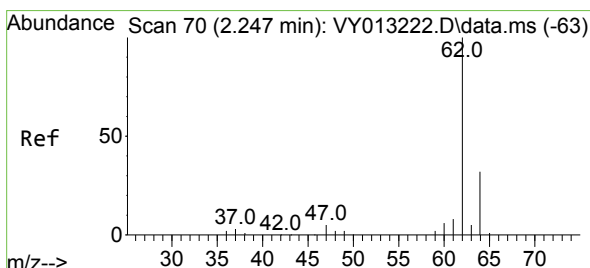
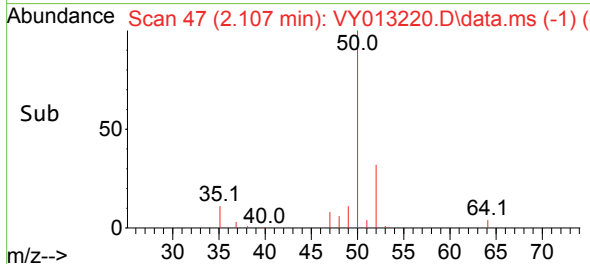
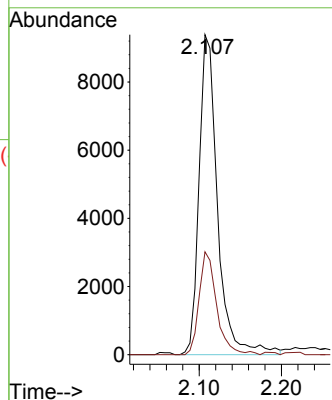
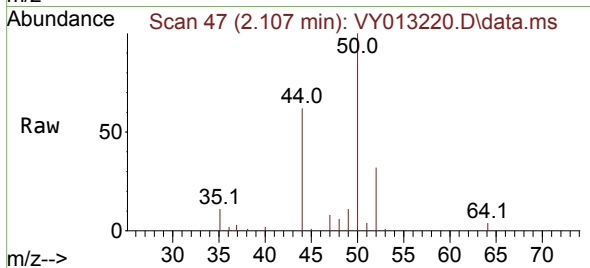




#3
Chloromethane
Concen: 23.394 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

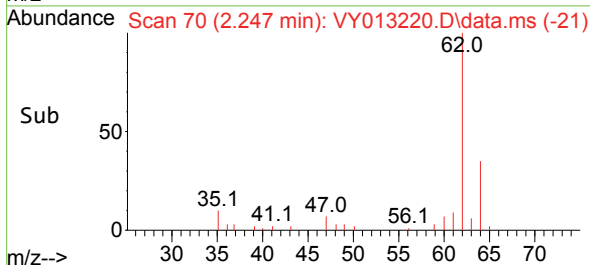
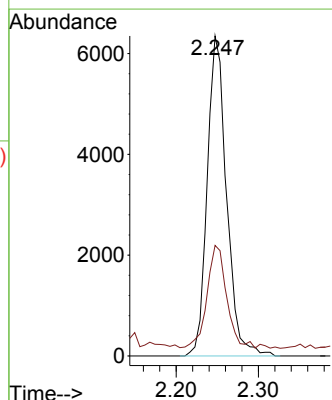
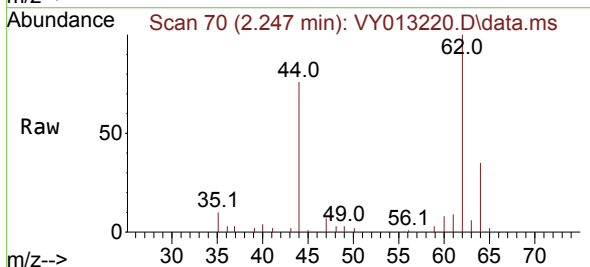
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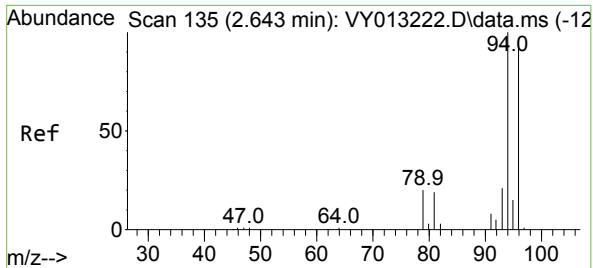
Tgt Ion: 50 Resp: 14642
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0



#4
Vinyl Chloride
Concen: 12.908 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 62 Resp: 10360
Ion Ratio Lower Upper
62 100
64 32.2 25.6 38.4





#5

Bromomethane

Concen: 10.985 ug/l

RT: 2.643 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

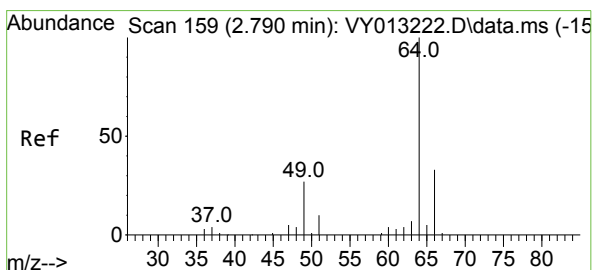
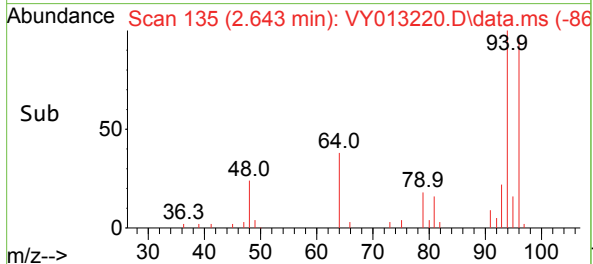
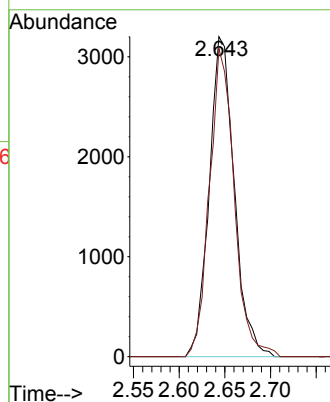
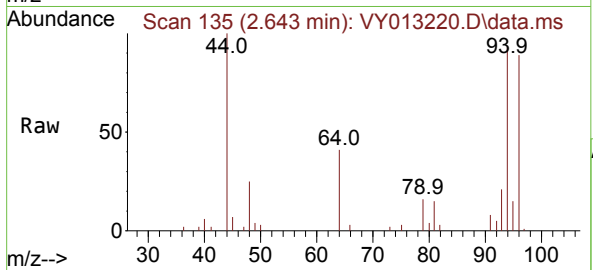
VSTDIC010

Tgt Ion: 94 Resp: 6103

Ion Ratio Lower Upper

94 100

96 96.3 80.3 120.5



#6

Chloroethane

Concen: 16.288 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.000 min

Lab File: VY013220.D

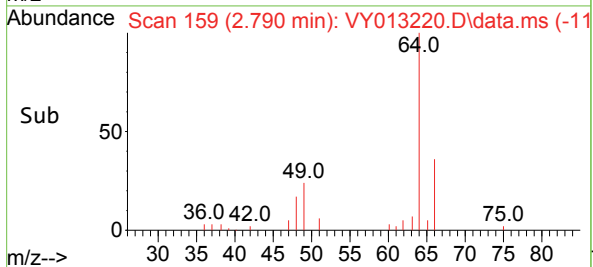
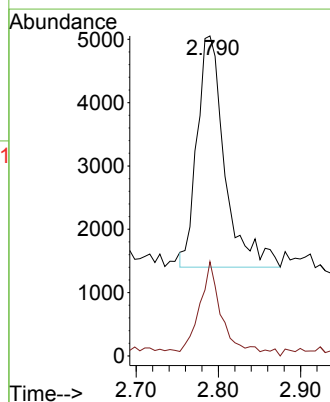
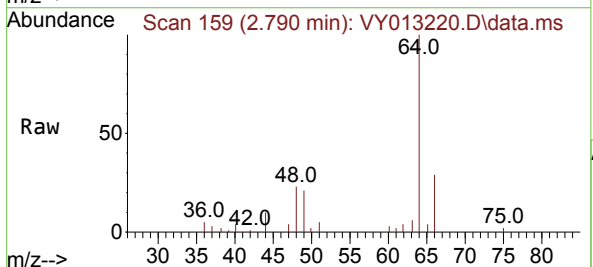
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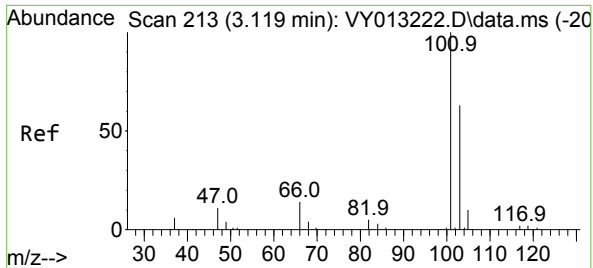
Tgt Ion: 64 Resp: 8522

Ion Ratio Lower Upper

64 100

66 40.7 25.7 38.5#

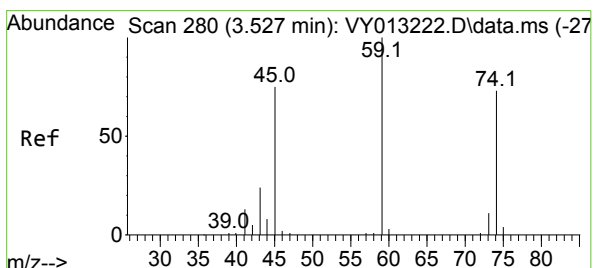
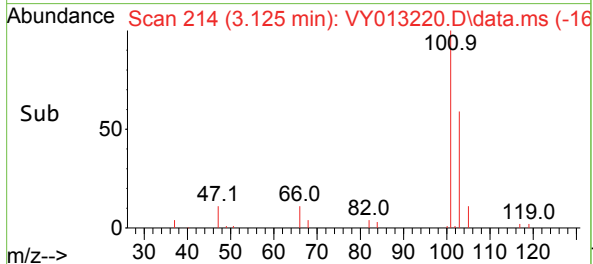
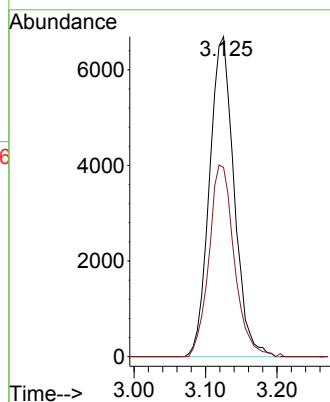
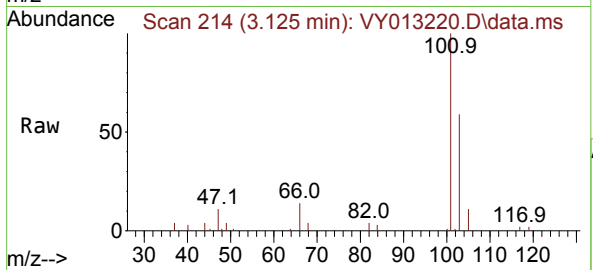




#7
 Trichlorofluoromethane
 Concen: 11.583 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY013220.D
 Acq: 07 Apr 2023 17:22

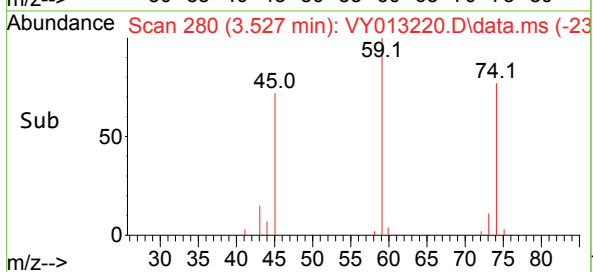
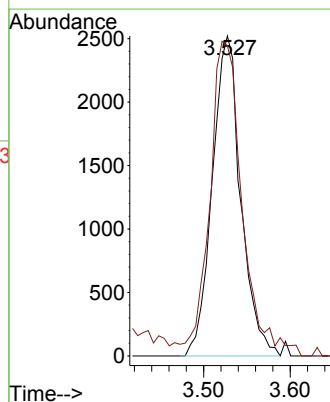
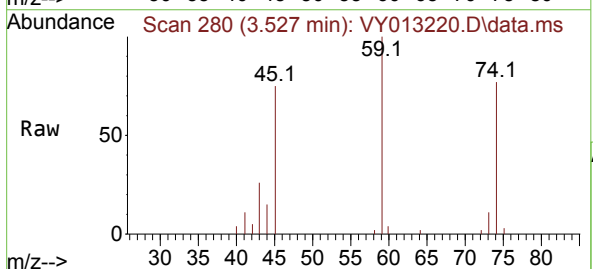
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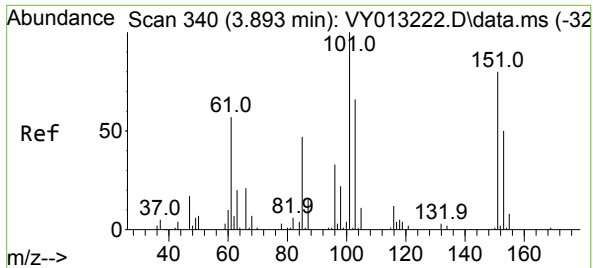
Tgt Ion:101 Resp: 15979
 Ion Ratio Lower Upper
 101 100
 103 59.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 11.422 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013220.D
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Tgt Ion: 74 Resp: 5744
 Ion Ratio Lower Upper
 74 100
 45 112.2 52.1 156.4

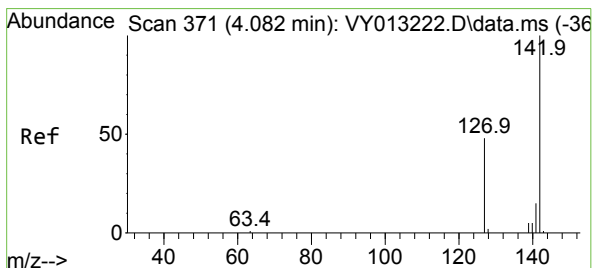
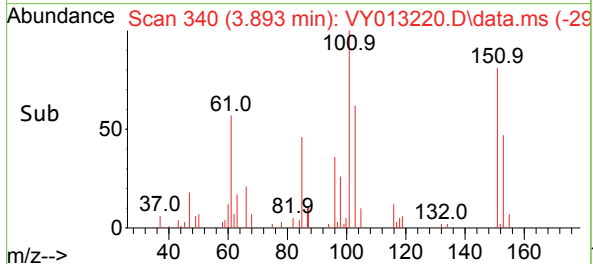
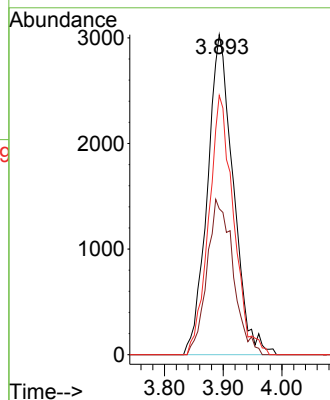
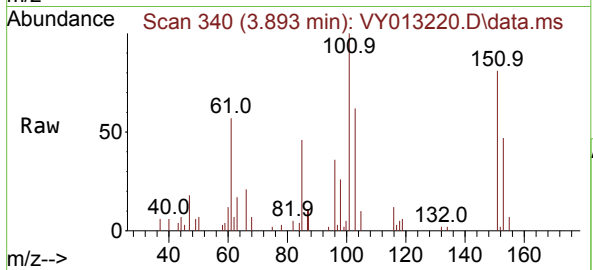




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.381 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

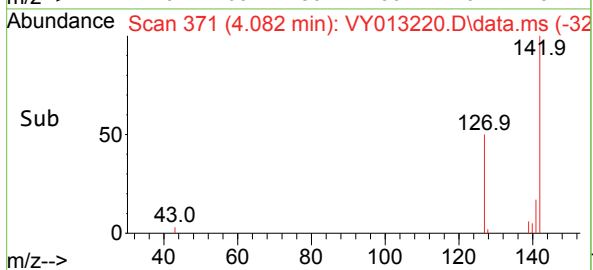
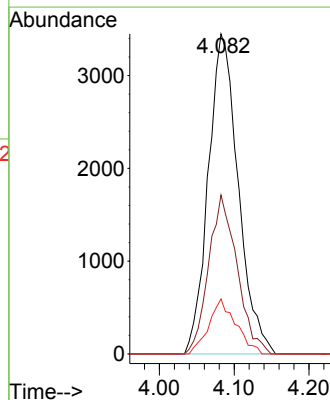
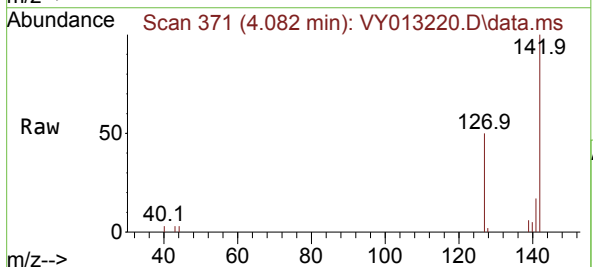
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

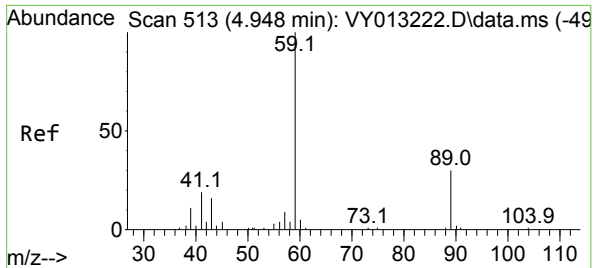
Tgt Ion:101 Resp: 9272
Ion Ratio Lower Upper
101 100
85 49.0 35.3 52.9
151 77.8 63.1 94.7



#10
Methyl Iodide
Concen: 9.175 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion:142 Resp: 9608
Ion Ratio Lower Upper
142 100
127 47.3 35.4 53.2
141 15.6 11.3 16.9

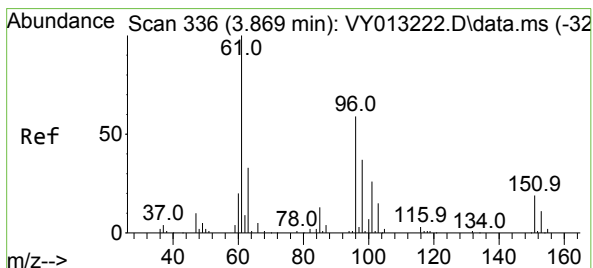
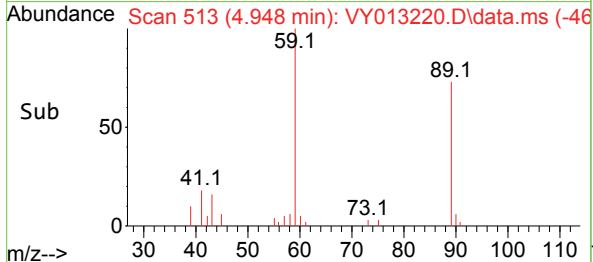
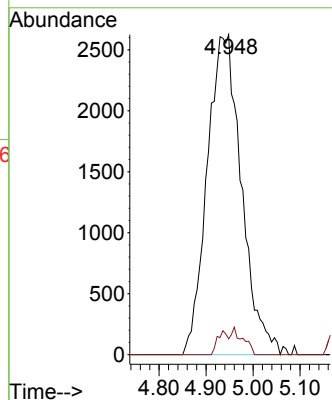
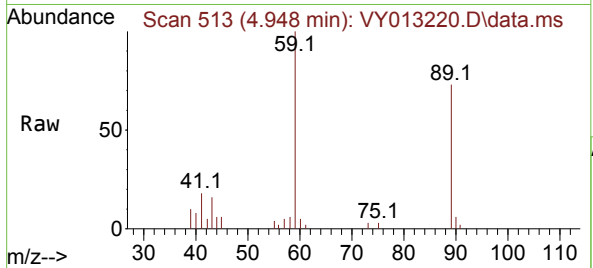




#11
Tert butyl alcohol
Concen: 83.509 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

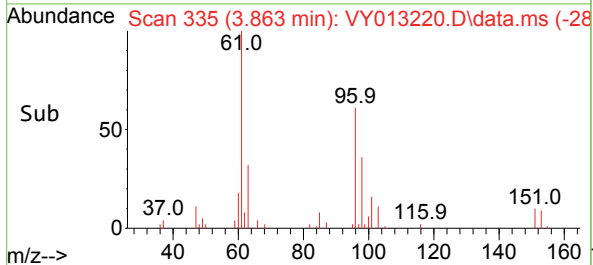
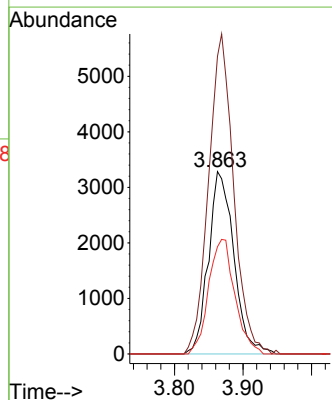
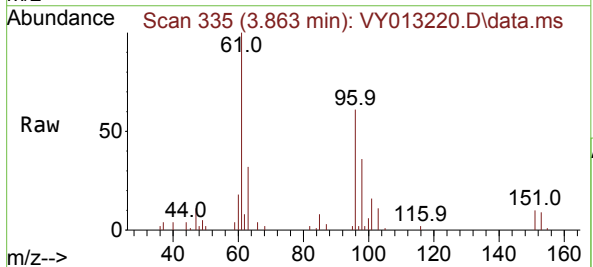
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

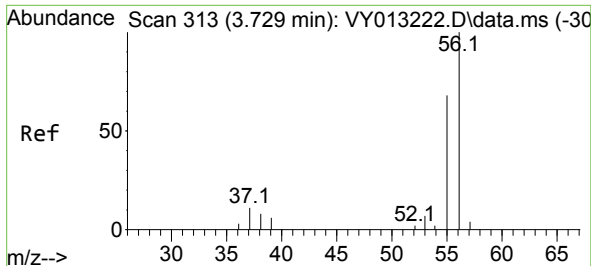
Tgt Ion: 59 Resp: 13275
Ion Ratio Lower Upper
59 100
57 3.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 11.039 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 96 Resp: 8442
Ion Ratio Lower Upper
96 100
61 163.2 131.7 197.5
98 58.8 52.0 78.0





#13

Acrolein

Concen: 56.307 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

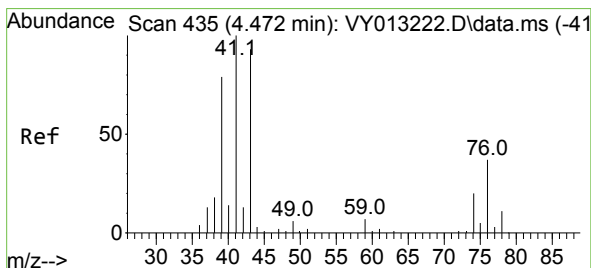
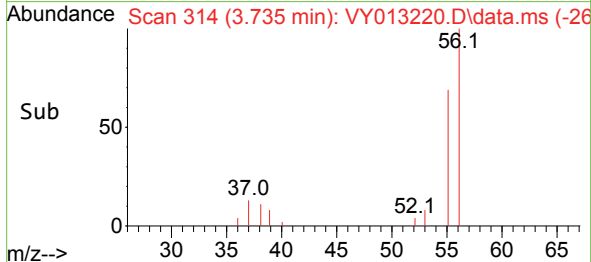
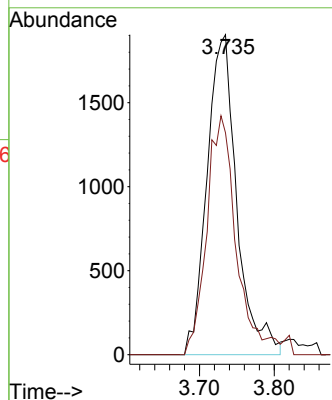
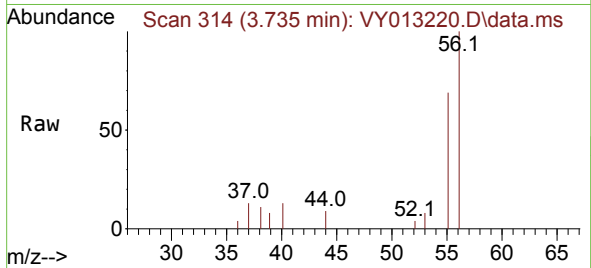
VSTDIC010

Tgt Ion: 56 Resp: 5281

Ion Ratio Lower Upper

56 100

55 73.9 56.8 85.2



#14

Allyl chloride

Concen: 13.287 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

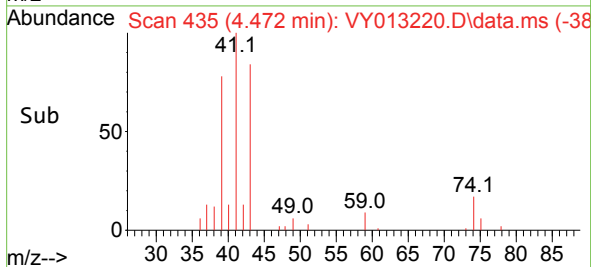
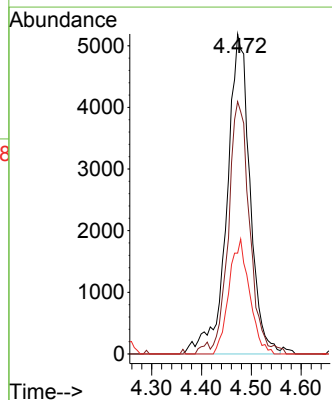
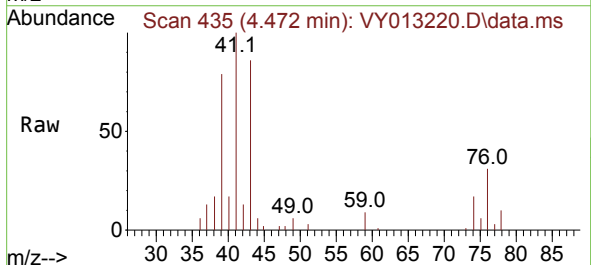
Tgt Ion: 41 Resp: 16621

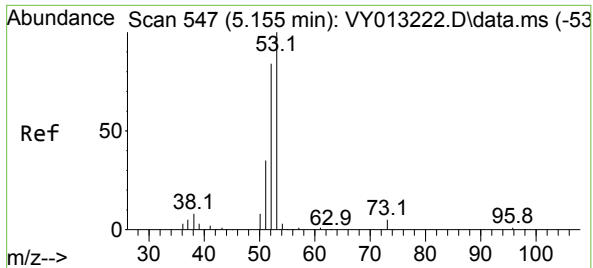
Ion Ratio Lower Upper

41 100

39 72.1 53.6 80.4

76 32.0 27.2 40.8

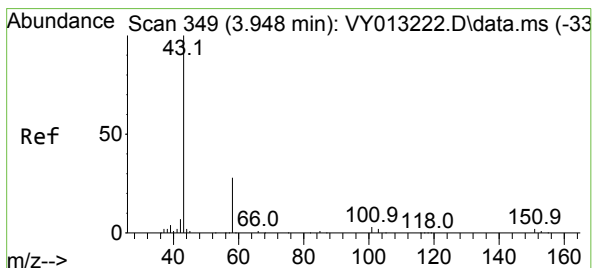
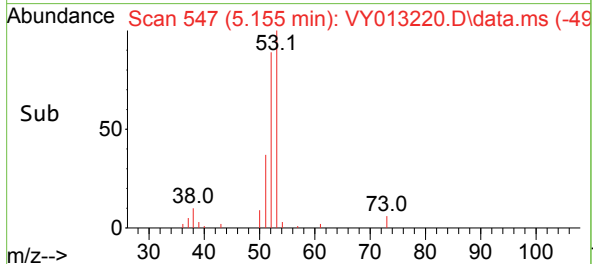
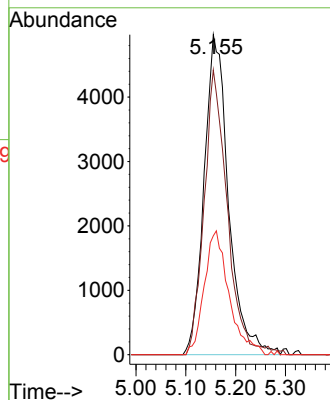
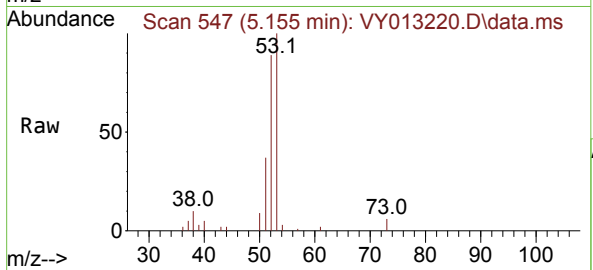




#15
Acrylonitrile
Concen: 64.622 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

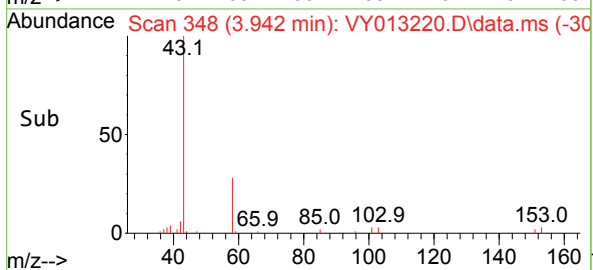
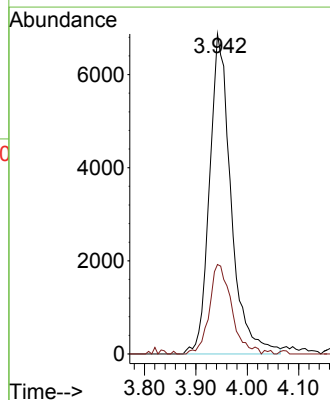
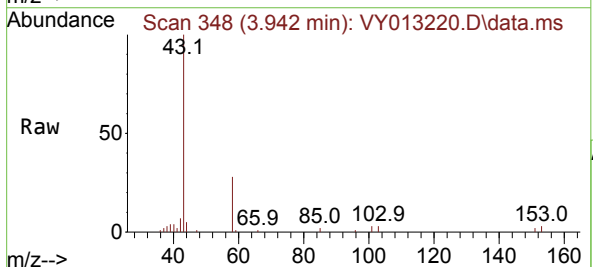
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

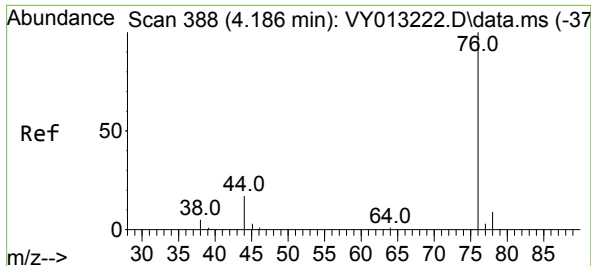
Tgt Ion:	53	Resp:	16909
Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.3	99.5
51	39.3	28.8	43.2



#16
Acetone
Concen: 63.482 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion:	43	Resp:	20006
Ion	Ratio	Lower	Upper
43	100		
58	28.0	24.2	36.2

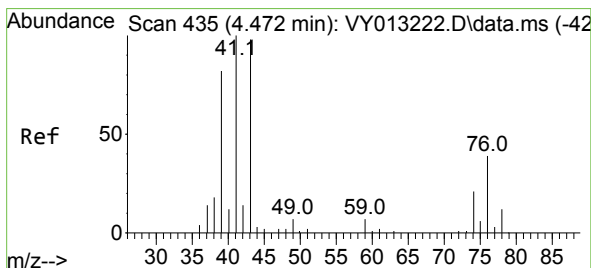
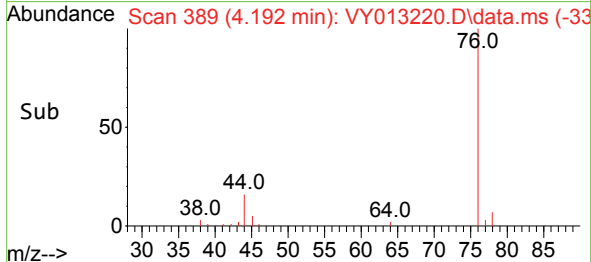
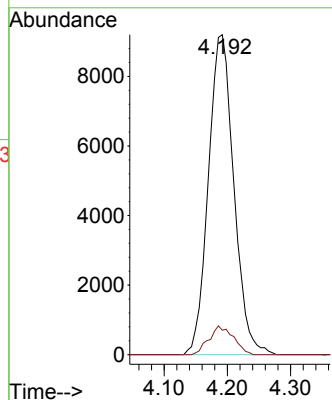
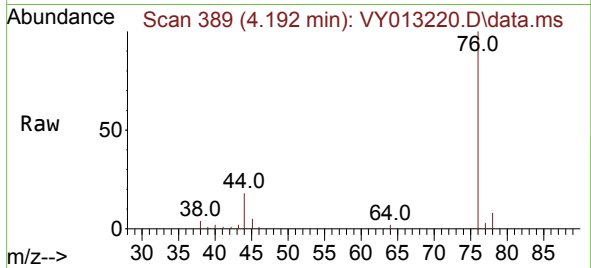




#17
Carbon Disulfide
Concen: 11.781 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

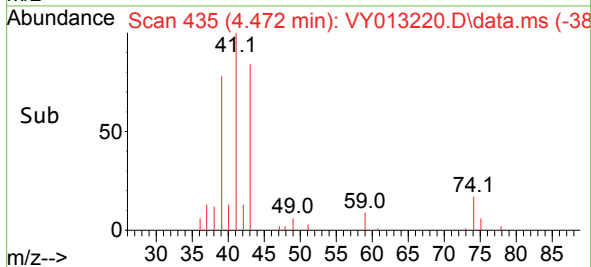
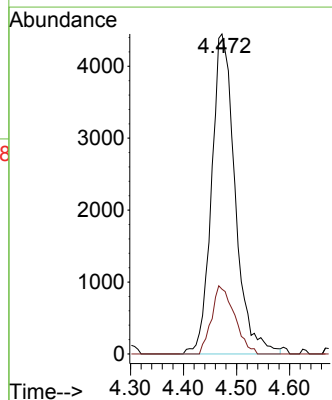
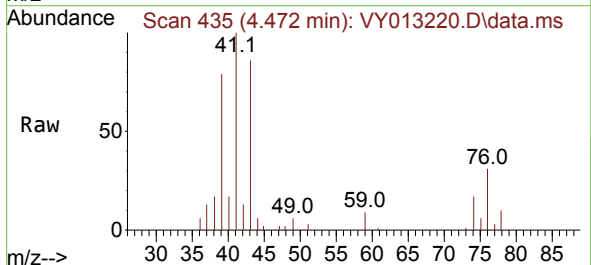
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

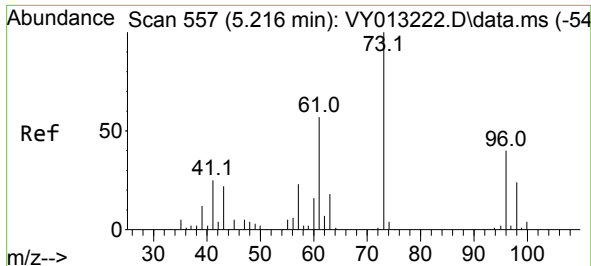
Tgt Ion: 76 Resp: 25745
Ion Ratio Lower Upper
76 100
78 7.7 7.1 10.7



#18
Methyl Acetate
Concen: 14.799 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 43 Resp: 13721
Ion Ratio Lower Upper
43 100
74 20.7 17.4 26.0

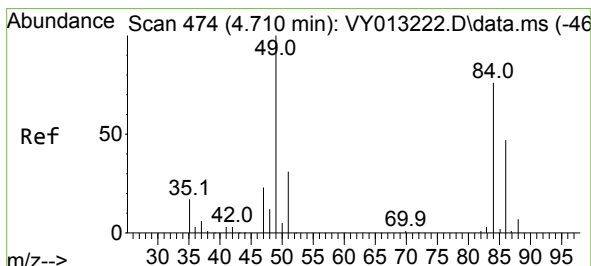
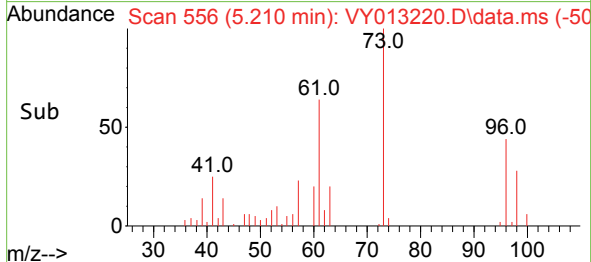
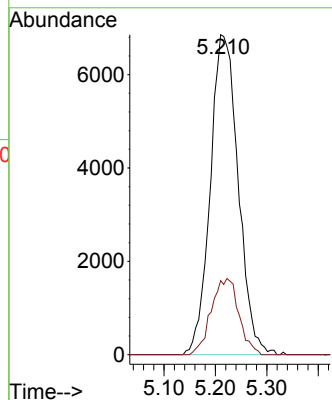
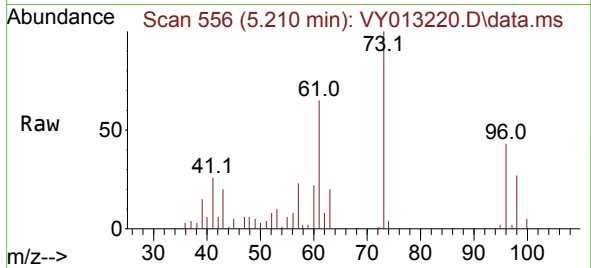




#19
Methyl tert-butyl Ether
Concen: 11.259 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

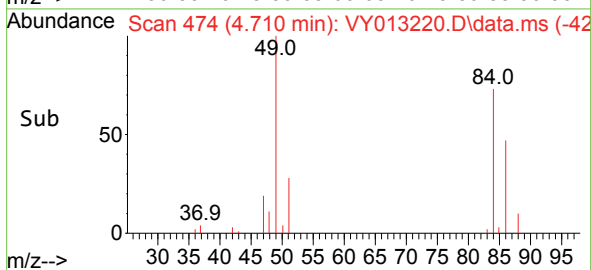
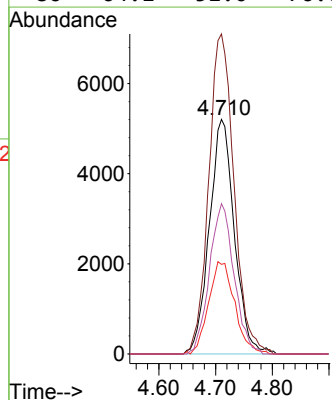
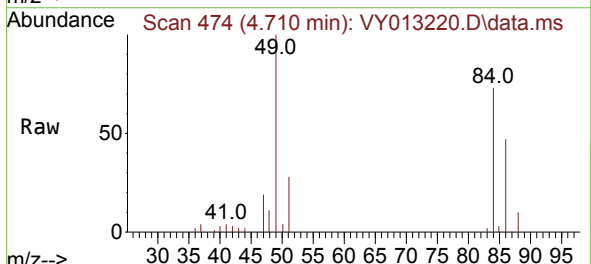
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

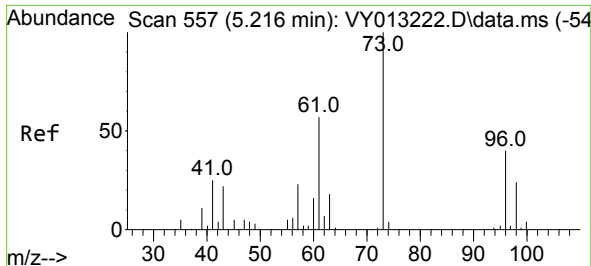
Tgt Ion: 73 Resp: 25858
Ion Ratio Lower Upper
73 100
57 23.2 18.3 27.5



#20
Methylene Chloride
Concen: 14.577 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 84 Resp: 15998
Ion Ratio Lower Upper
84 100
49 136.5 102.6 154.0
51 38.2 31.9 47.9
86 64.1 51.0 76.6

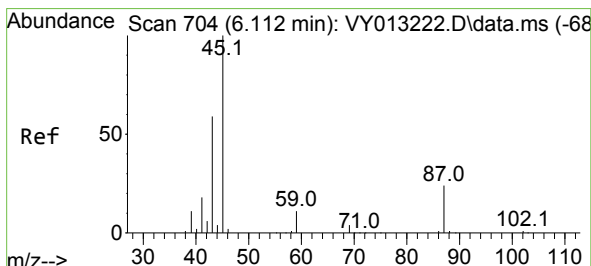
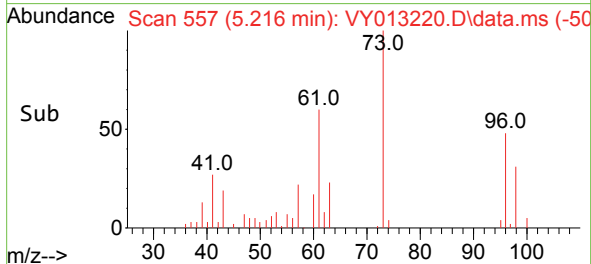
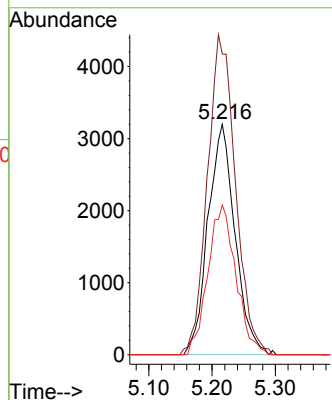
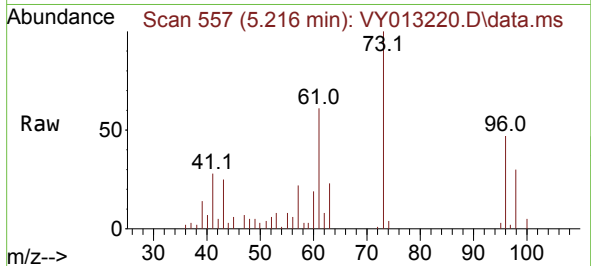




#21
trans-1,2-Dichloroethene
Concen: 11.216 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

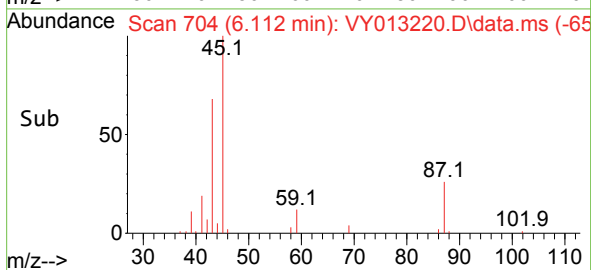
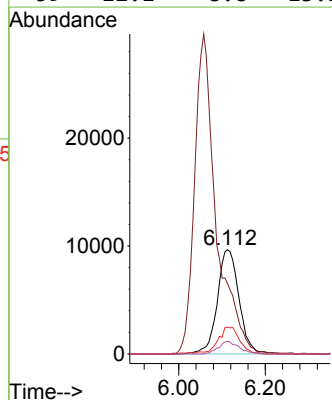
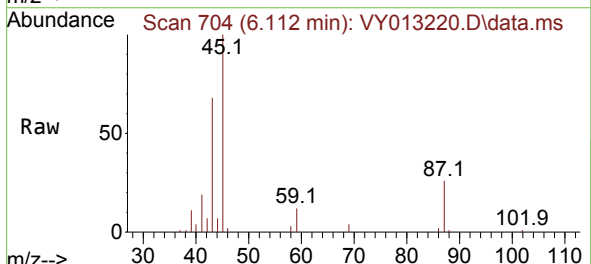
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

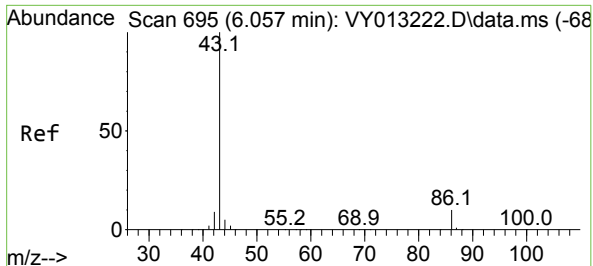
Tgt Ion: 96 Resp: 9516
Ion Ratio Lower Upper
96 100
61 130.6 111.4 167.0
98 65.0 50.8 76.2



#22
Diisopropyl ether
Concen: 13.332 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 45 Resp: 33623
Ion Ratio Lower Upper
45 100
43 67.1 45.0 67.6
87 25.7 20.3 30.5
59 12.1 8.8 13.2

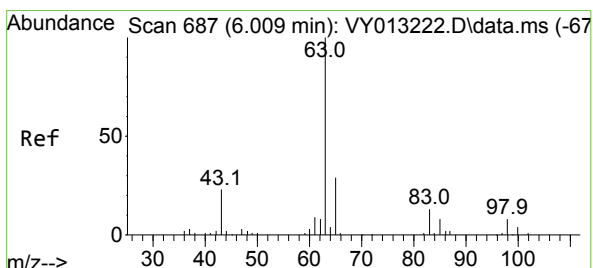
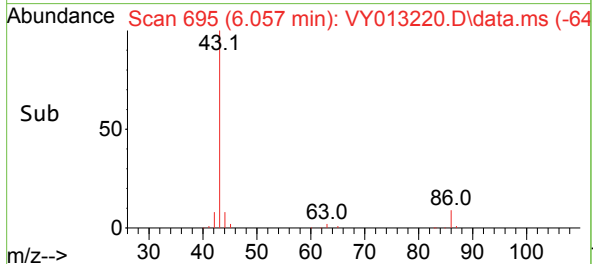
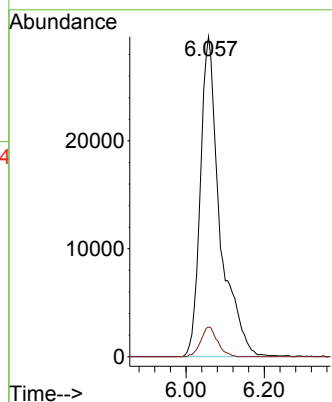
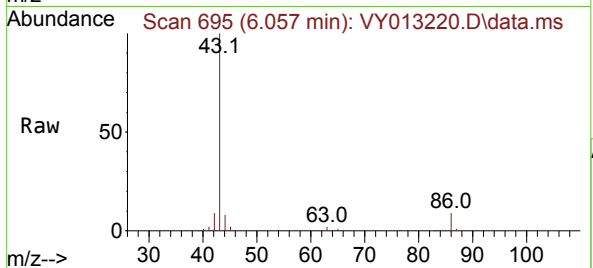




#23
 Vinyl Acetate
 Concen: 64.897 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013220.D
 Acq: 07 Apr 2023 17:22

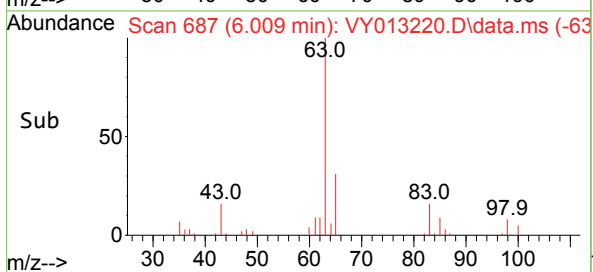
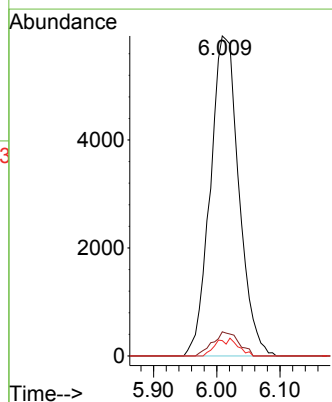
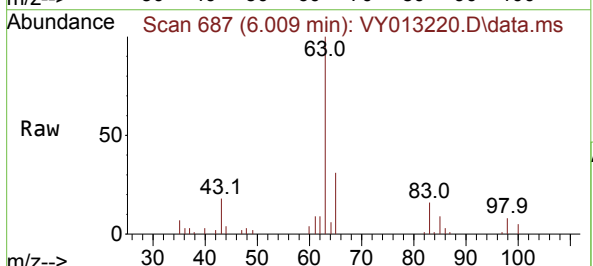
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

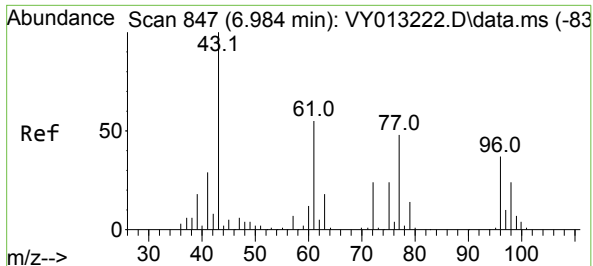
Tgt Ion: 43 Resp: 102868
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 12.585 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY013220.D
 Acq: 07 Apr 2023 17:22

Tgt Ion: 63 Resp: 18620
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 65.417 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

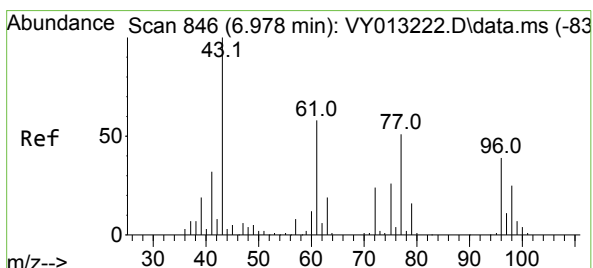
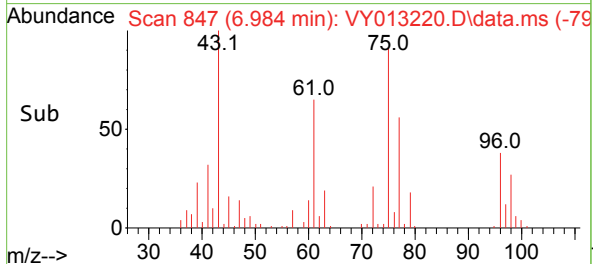
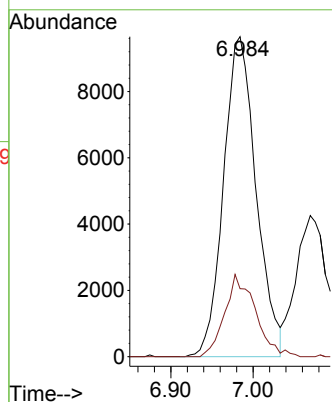
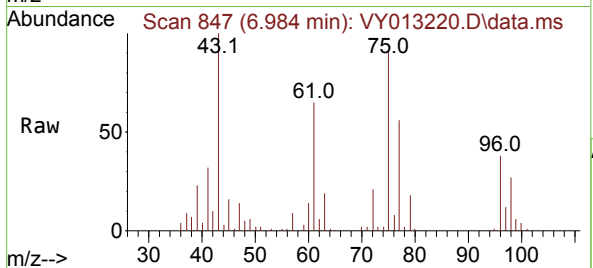
VSTDIC010

Tgt Ion: 43 Resp: 26589

Ion Ratio Lower Upper

43 100

72 21.3 21.0 31.4



#26

2,2-Dichloropropane

Concen: 11.190 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013220.D

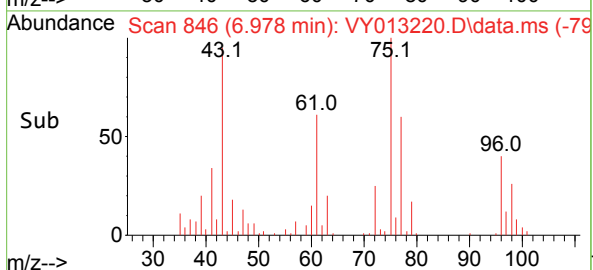
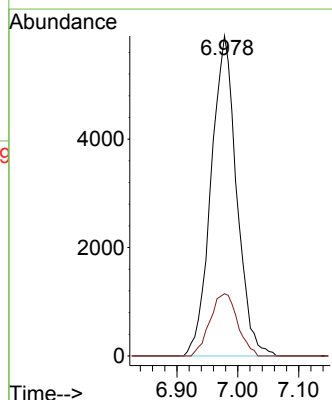
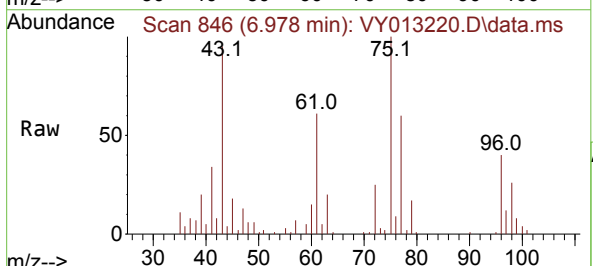
Acq: 07 Apr 2023 17:22

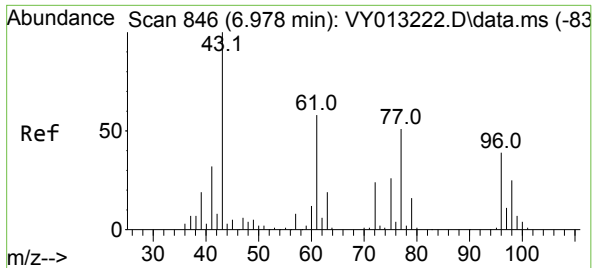
Tgt Ion: 77 Resp: 17213

Ion Ratio Lower Upper

77 100

97 20.9 11.7 35.0

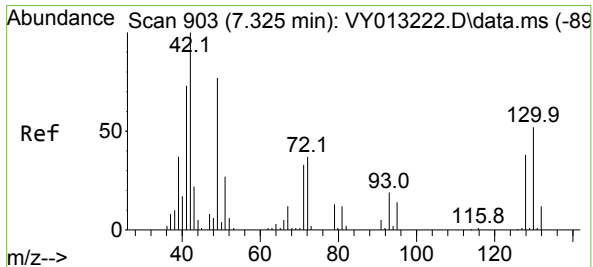
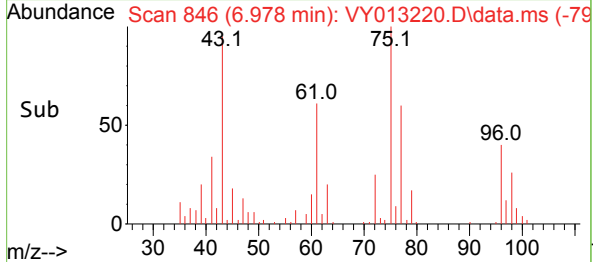
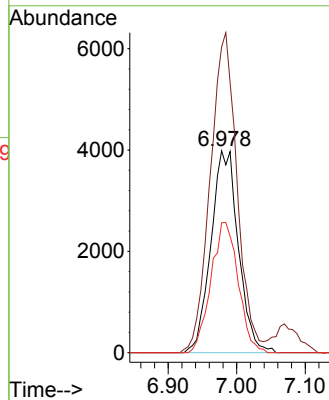
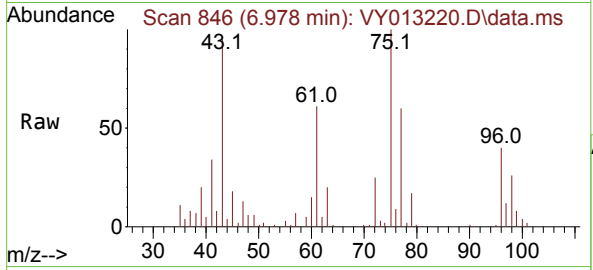




#27
 cis-1,2-Dichloroethene
 Concen: 11.356 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY013220.D
 Acq: 07 Apr 2023 17:22

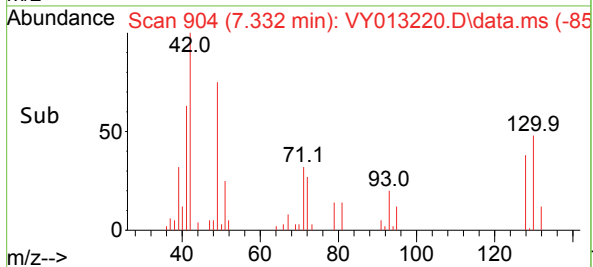
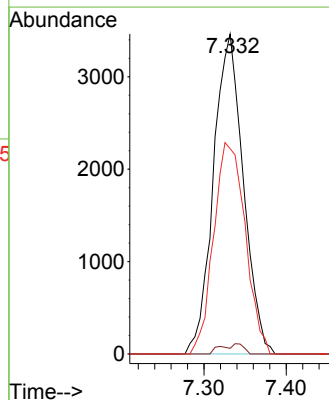
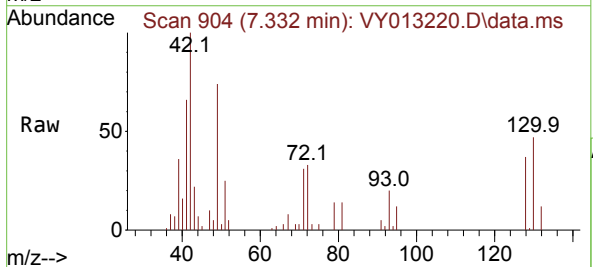
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

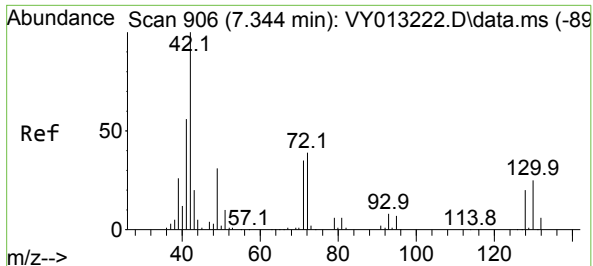
Tgt Ion:	96	Resp:	11096
Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	295.8
98	63.9	0.0	130.2



#28
 Bromochloromethane
 Concen: 14.566 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY013220.D
 Acq: 07 Apr 2023 17:22

Tgt Ion:	49	Resp:	8746
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.2
130	69.9	60.5	90.7





#29

Tetrahydrofuran

Concen: 69.976 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

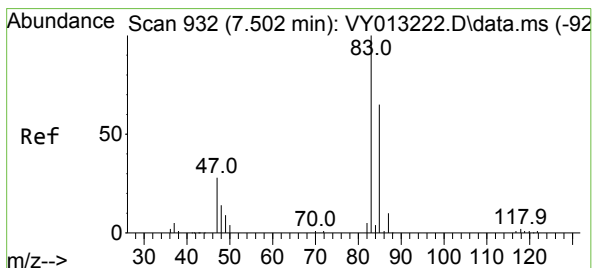
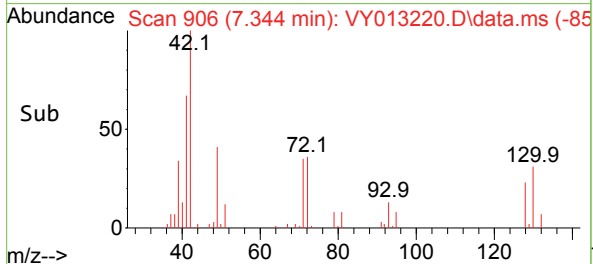
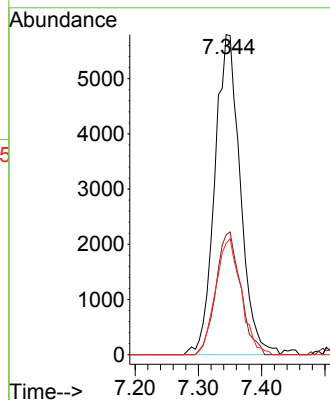
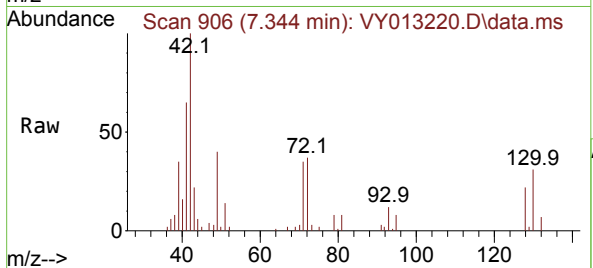
Tgt Ion: 42 Resp: 16181

Ion Ratio Lower Upper

42 100

72 37.3 32.3 48.5

71 36.2 30.3 45.5



#30

Chloroform

Concen: 11.840 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013220.D

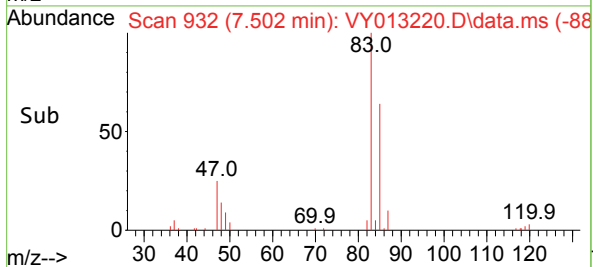
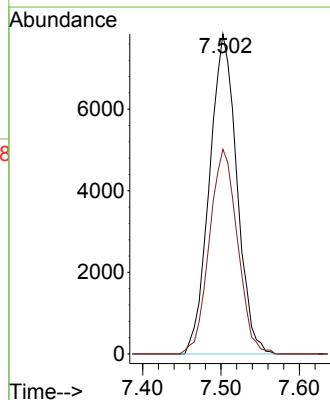
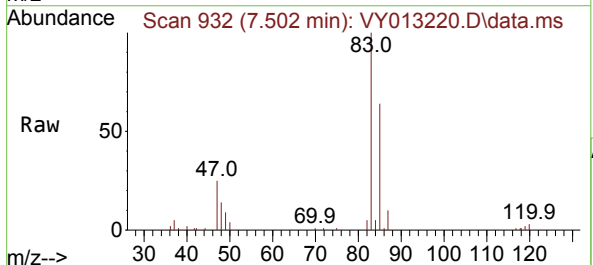
Acq: 07 Apr 2023 17:22

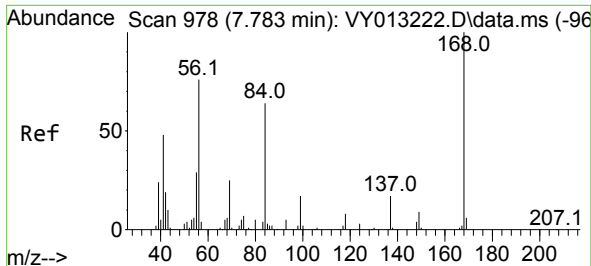
Tgt Ion: 83 Resp: 19042

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.0

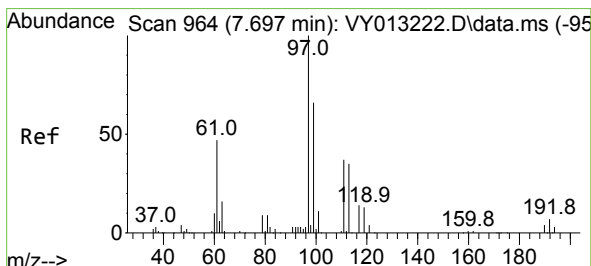
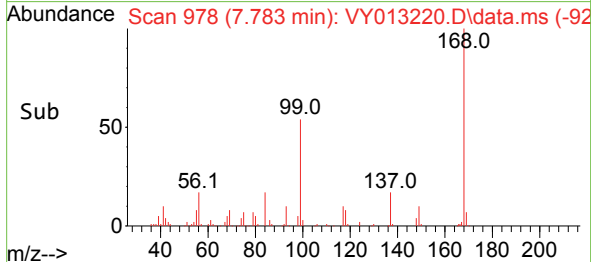
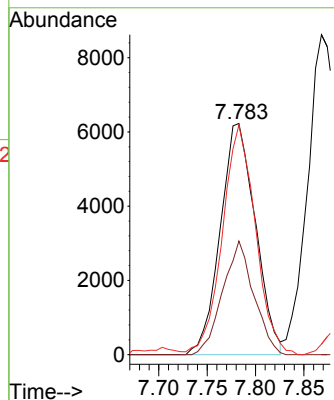
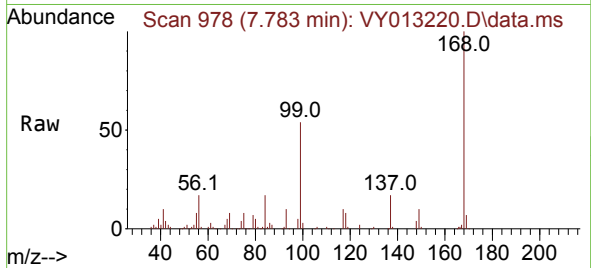




#31
Cyclohexane
Concen: 12.143 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

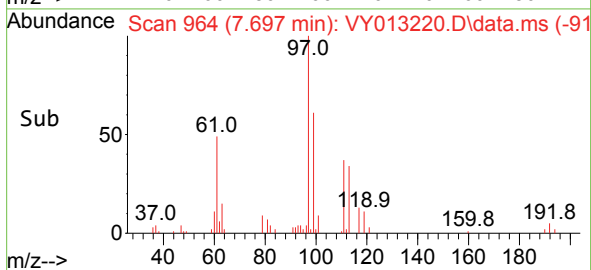
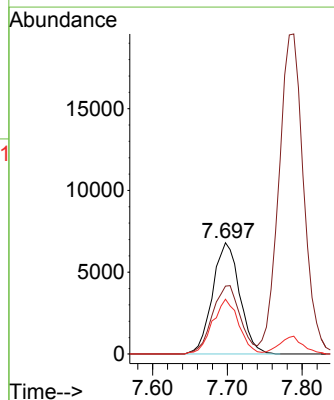
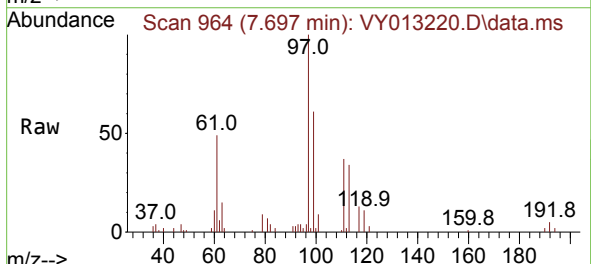
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

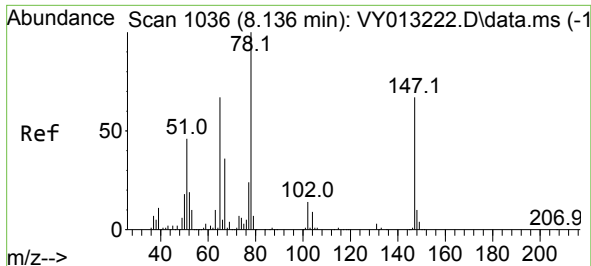
Tgt Ion: 56 Resp: 15736
Ion Ratio Lower Upper
56 100
69 49.1 25.7 38.5#
84 98.0 64.3 96.5#



#32
1,1,1-Trichloroethane
Concen: 11.424 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 97 Resp: 17156
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.6
61 47.6 34.5 51.7

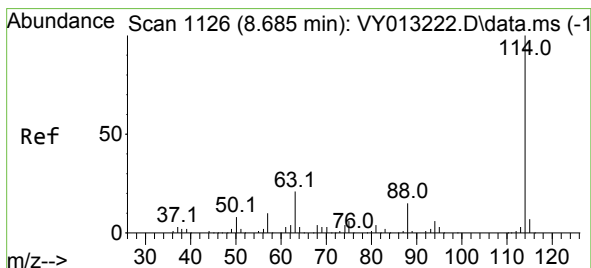
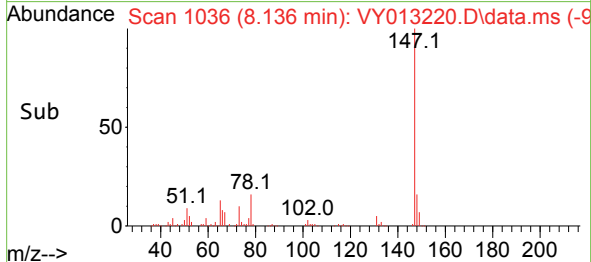
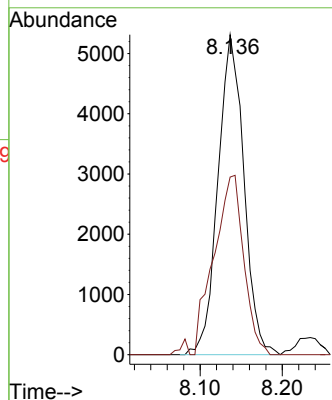
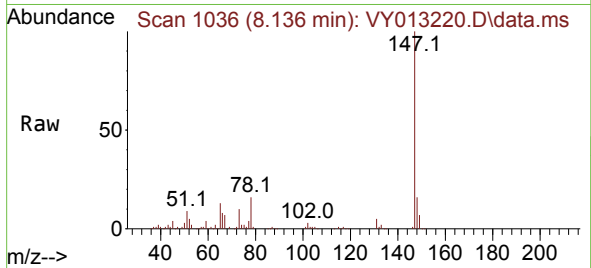




#33
 1,2-Dichloroethane-d4
 Concen: 12.531 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY013220.D
 Acq: 07 Apr 2023 17:22

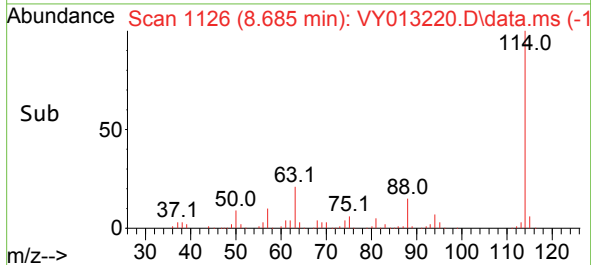
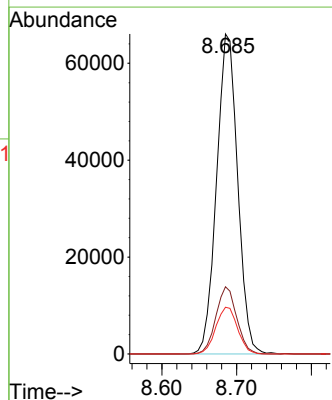
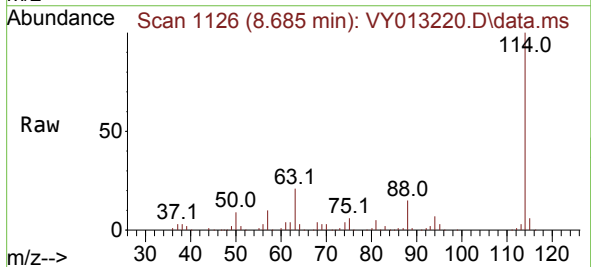
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

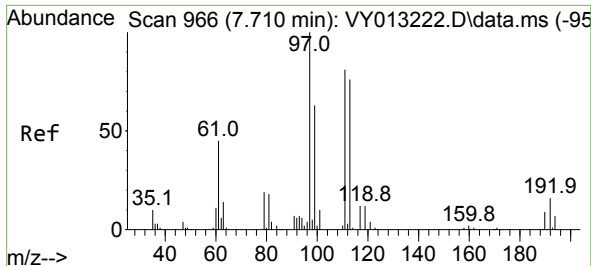
Tgt Ion: 65 Resp: 11638
 Ion Ratio Lower Upper
 65 100
 67 66.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY013220.D
 Acq: 07 Apr 2023 17:22

Tgt Ion: 114 Resp: 129697
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.4
 88 14.6 0.0 28.6

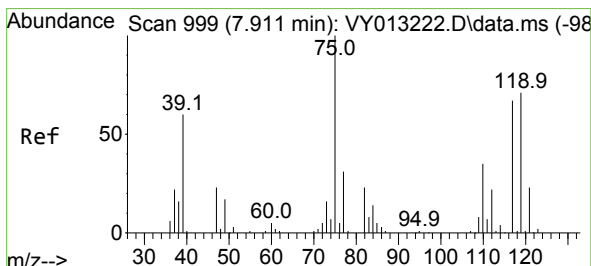
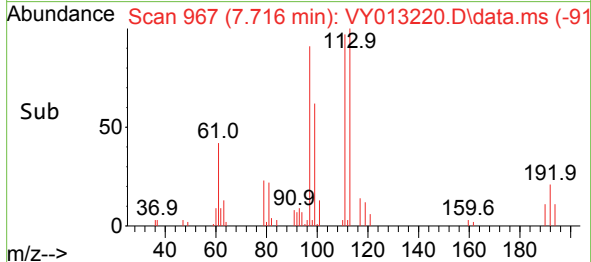
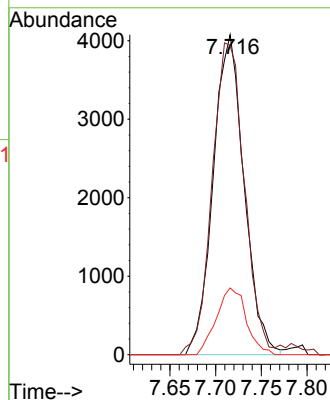
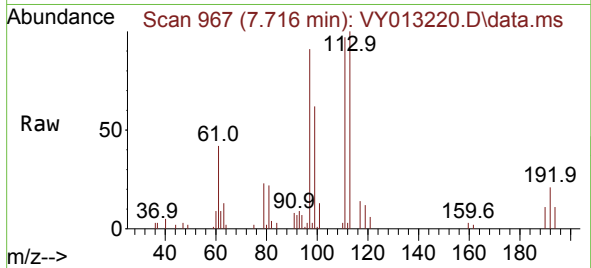




#35
Dibromofluoromethane
Concen: 11.323 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

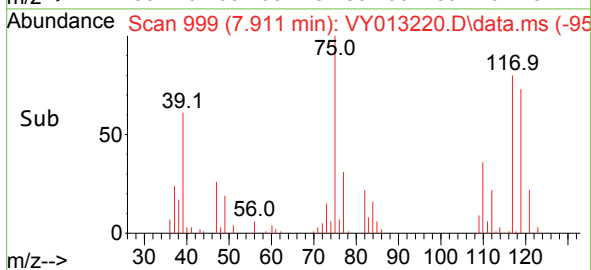
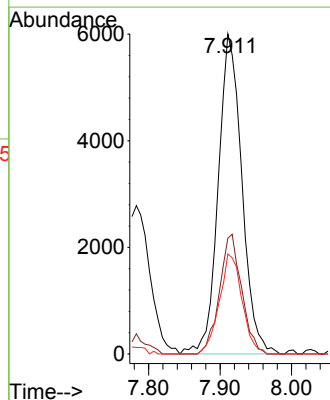
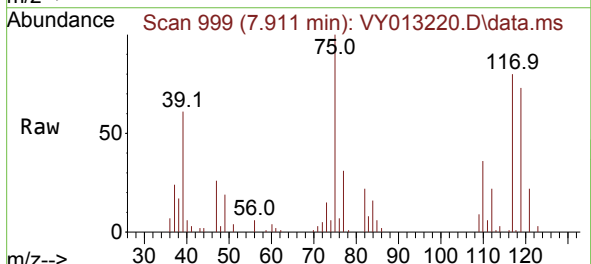
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

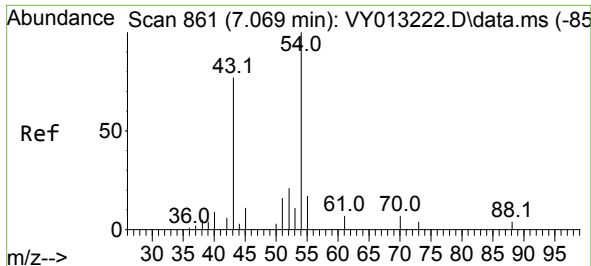
Tgt Ion:113 Resp: 9584
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 20.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 11.038 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 75 Resp: 13808
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.3
77 29.9 25.0 37.4

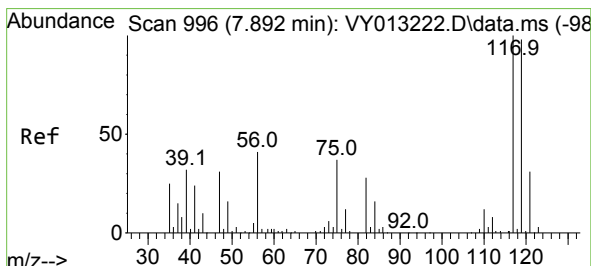
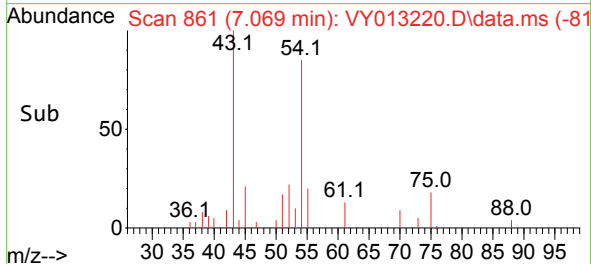
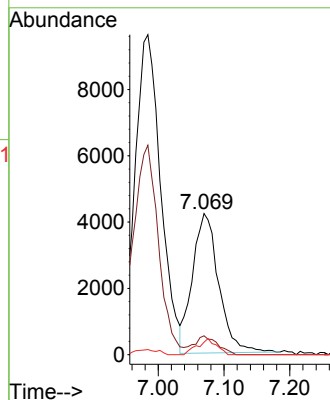
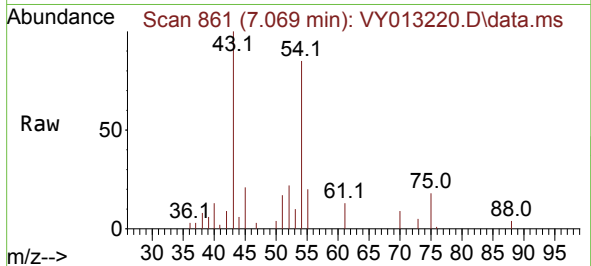




#37
Ethyl Acetate
Concen: 13.762 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

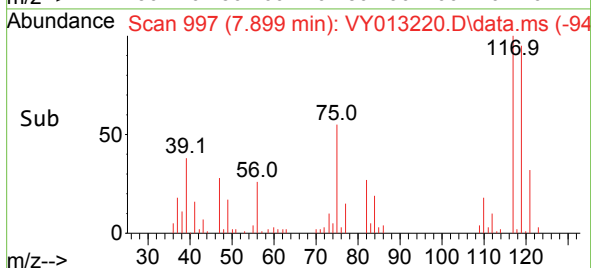
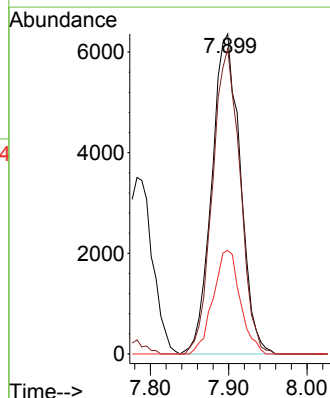
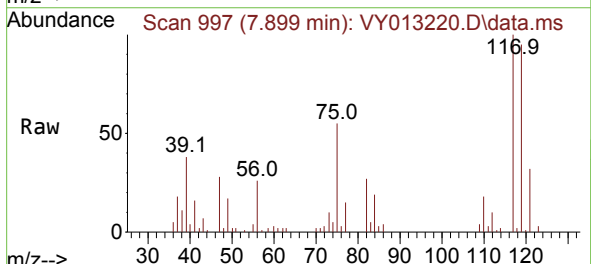
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

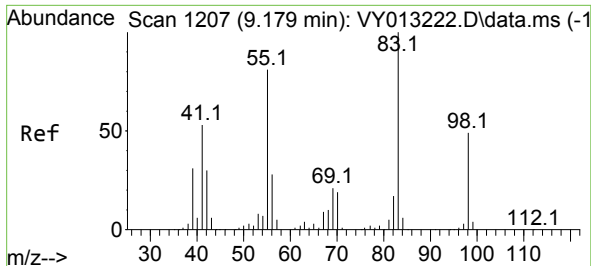
Tgt Ion:	43	Resp:	11674
Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.7	16.1
70	8.2	7.8	11.8



#38
Carbon Tetrachloride
Concen: 10.710 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion:	117	Resp:	16013
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.2	115.8
121	32.3	24.7	37.1





#39

Methylcyclohexane

Concen: 9.919 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

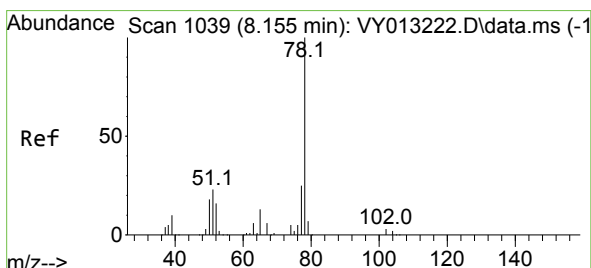
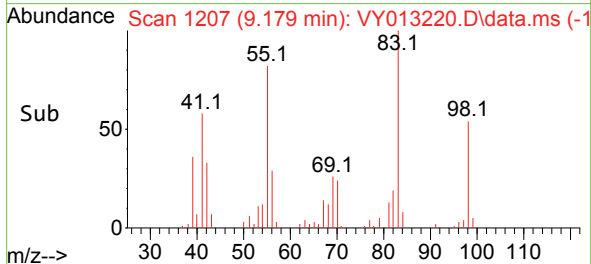
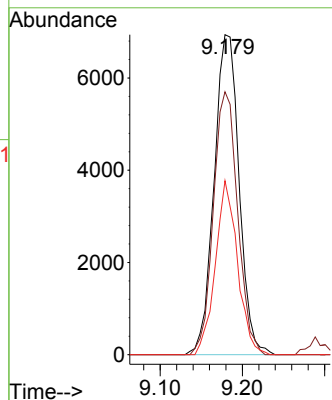
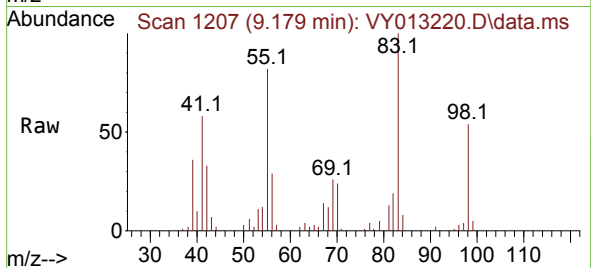
Tgt Ion: 83 Resp: 14663

Ion Ratio Lower Upper

83 100

55 82.1 60.0 90.0

98 54.3 38.3 57.5



#40

Benzene

Concen: 11.196 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY013220.D

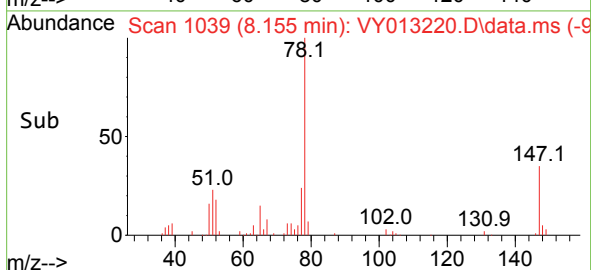
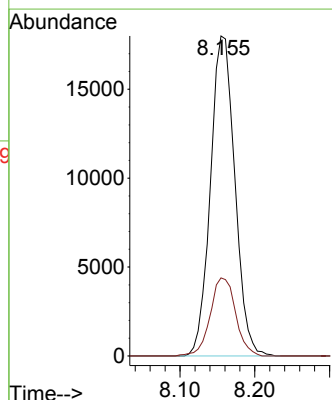
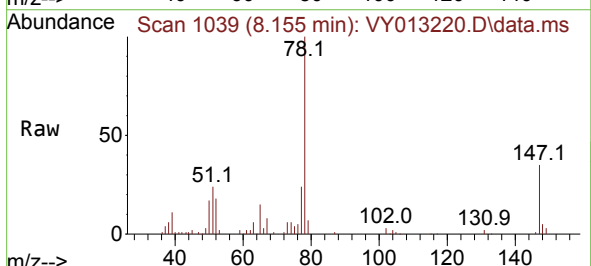
Acq: 07 Apr 2023 17:22

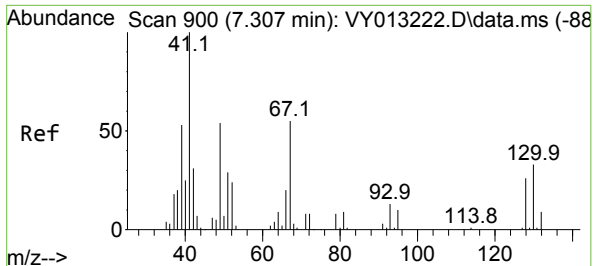
Tgt Ion: 78 Resp: 40852

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

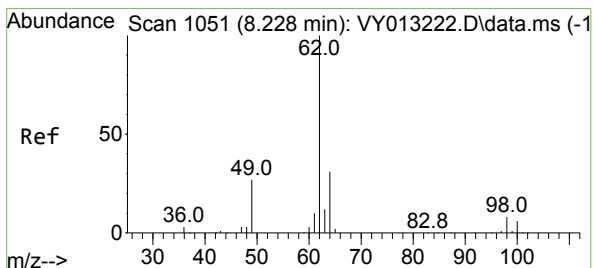
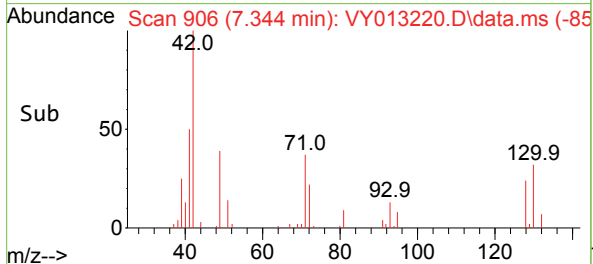
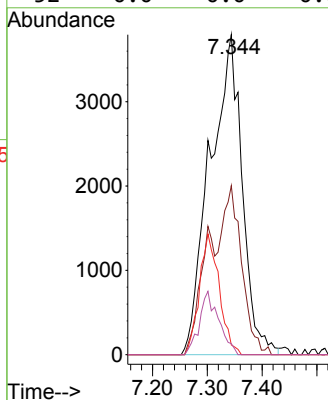
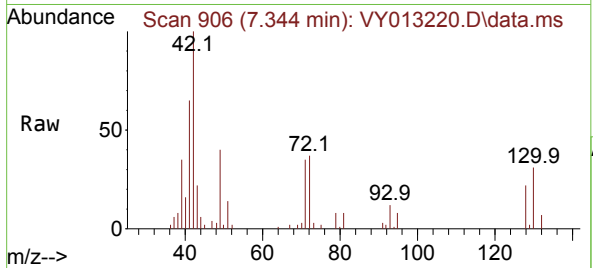




#41
Methacrylonitrile
Concen: 36.230 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

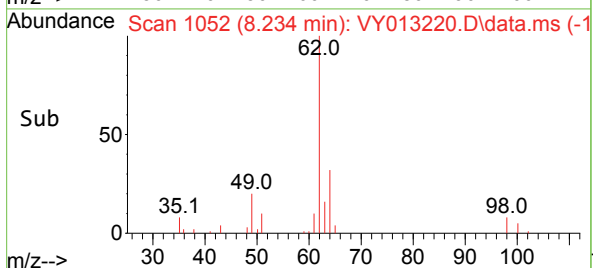
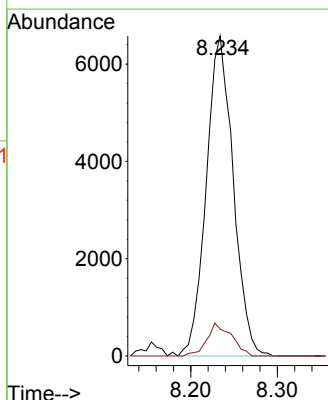
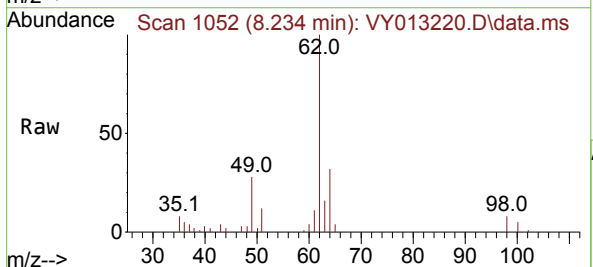
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

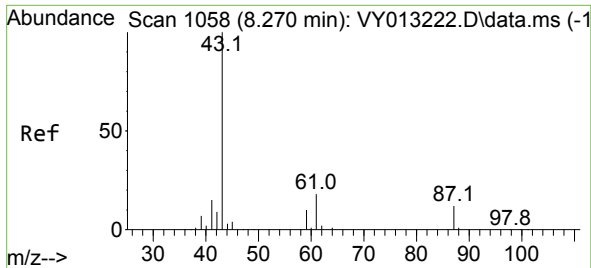
Tgt Ion: 41 Resp: 15476
Ion Ratio Lower Upper
41 100
39 31.9 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 11.353 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 62 Resp: 14216
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8

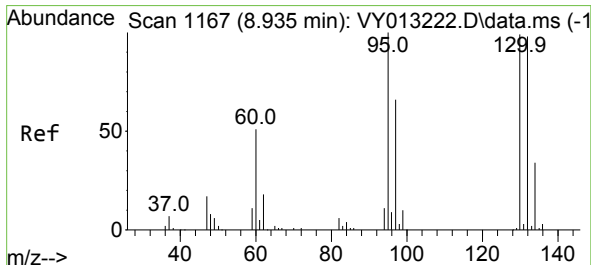
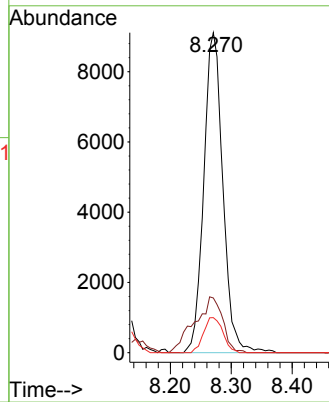
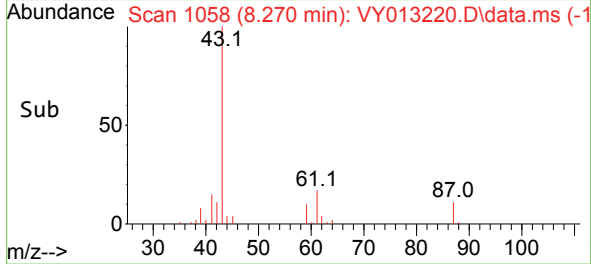
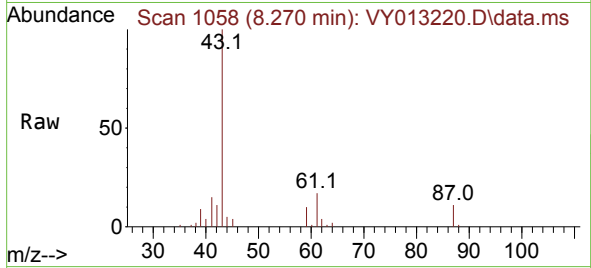




#43
Isopropyl Acetate
Concen: 13.135 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

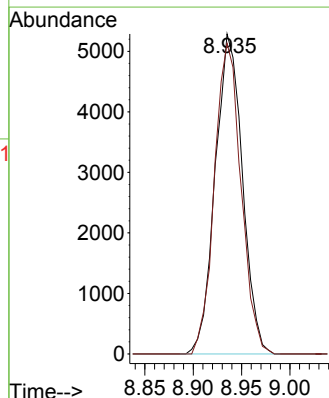
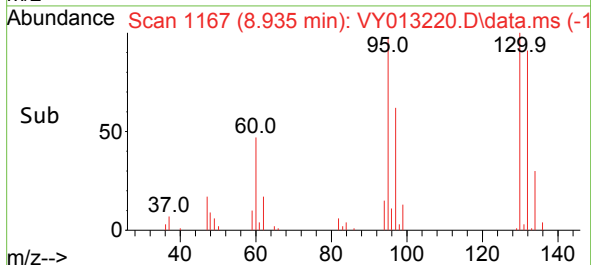
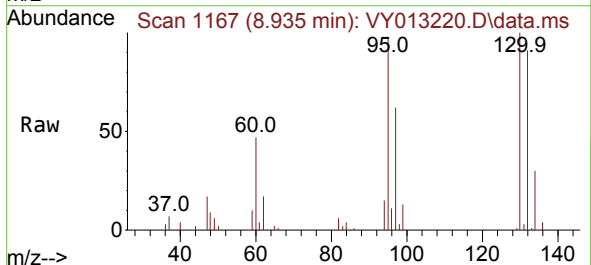
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

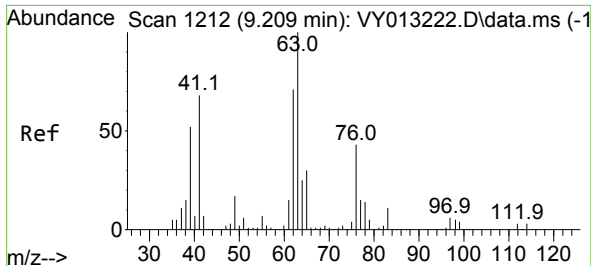
Tgt Ion: 43	Resp: 19847
Ion Ratio	Lower Upper
43 100	
61 25.5	21.6 32.4
87 11.1	9.9 14.9



#44
Trichloroethene
Concen: 10.143 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion:130	Resp:	10319	
Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	185.0

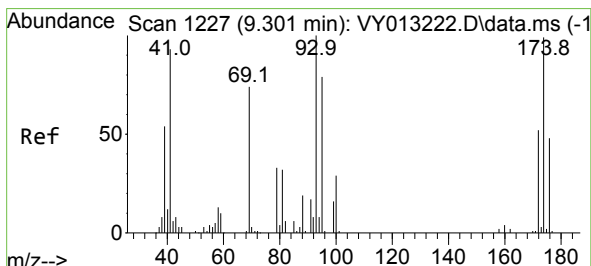
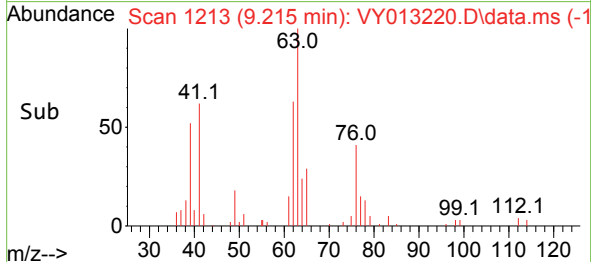
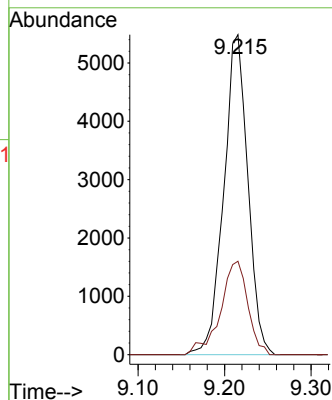
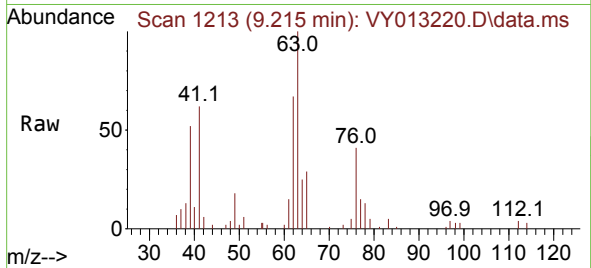




#45
1,2-Dichloropropane
Concen: 12.067 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

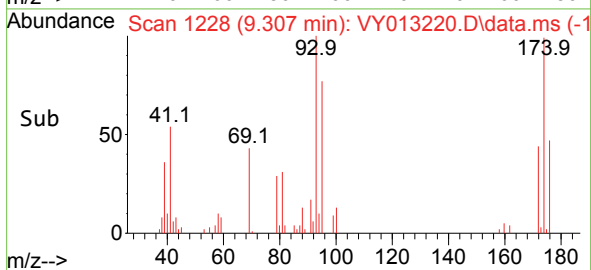
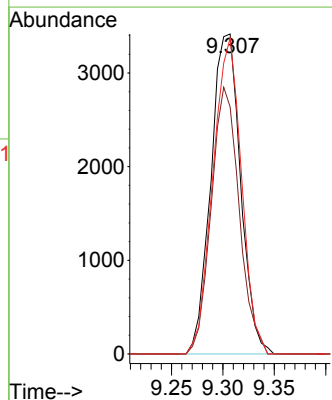
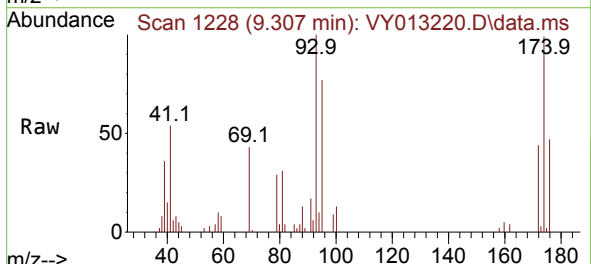
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

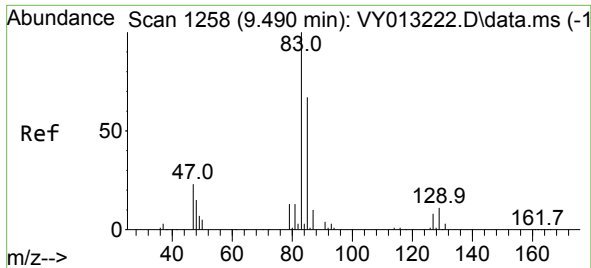
Tgt Ion: 63 Resp: 10578
Ion Ratio Lower Upper
63 100
65 29.2 25.7 38.5



#46
Dibromomethane
Concen: 12.276 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 93 Resp: 6845
Ion Ratio Lower Upper
93 100
95 78.7 65.6 98.4
174 95.0 81.3 121.9

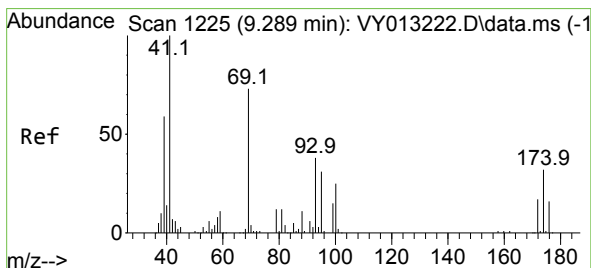
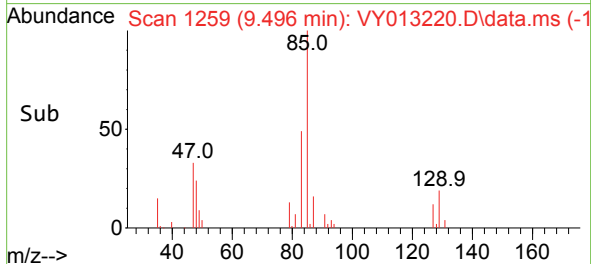
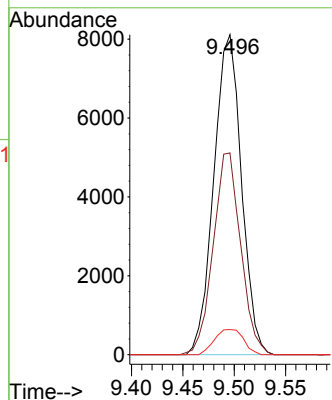
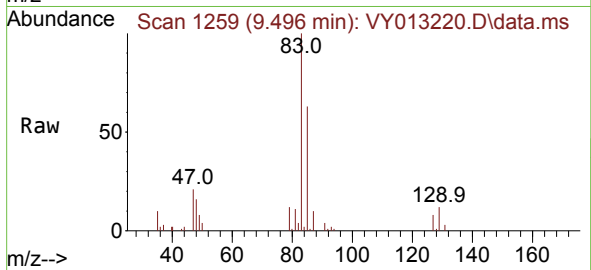




#47
Bromodichloromethane
Concen: 11.433 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

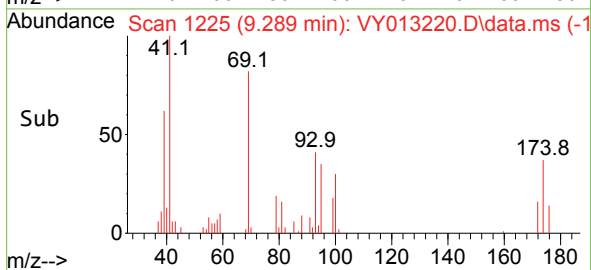
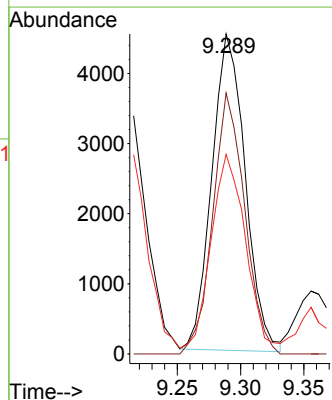
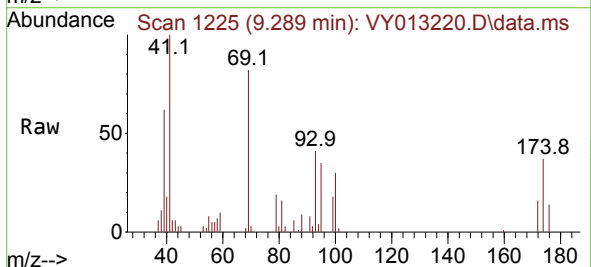
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

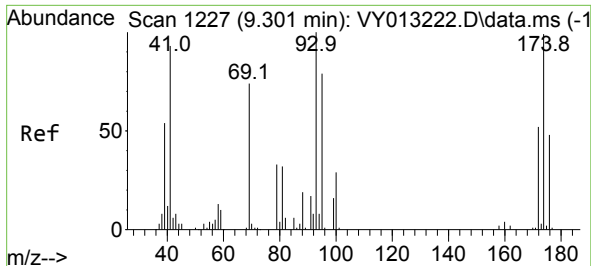
Tgt Ion: 83	Resp: 15166
Ion Ratio	Lower Upper
83 100	
85 63.1	50.2 75.4
127 7.9	6.3 9.5



#48
Methyl methacrylate
Concen: 12.013 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 41	Resp:	8263	
Ion	Ratio	Lower	Upper
41	100		
69	79.0	64.1	96.1
39	66.5	44.0	66.0#





#49

1,4-Dioxane

Concen: 195.129 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

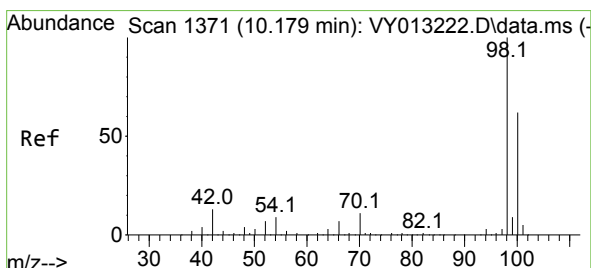
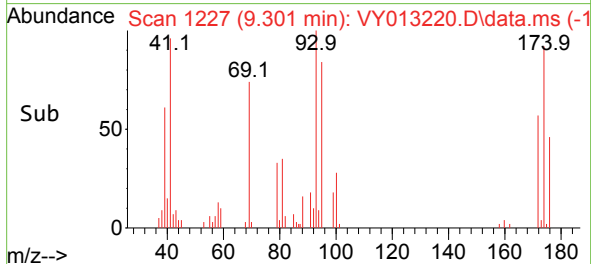
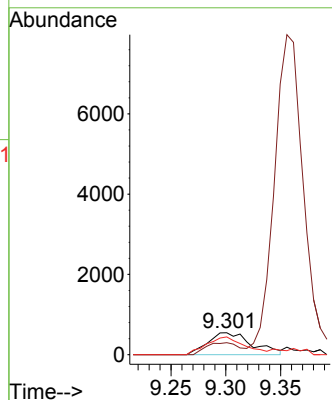
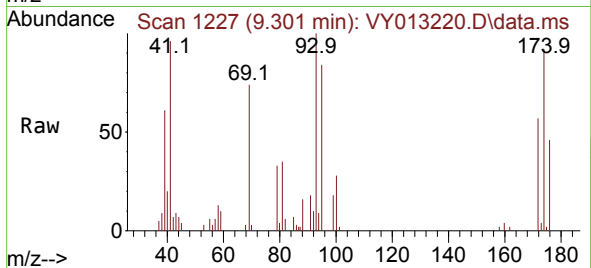
Tgt Ion: 88 Resp: 1532

Ion Ratio Lower Upper

88 100

43 42.1 28.6 42.8

58 69.8 55.2 82.8



#50

Toluene-d8

Concen: 10.560 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013220.D

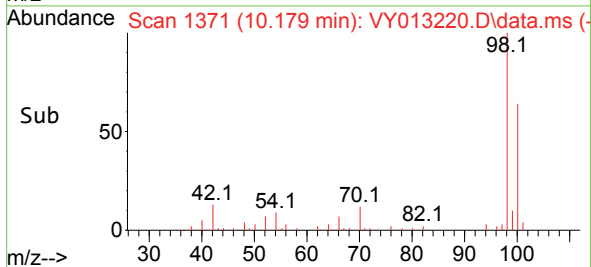
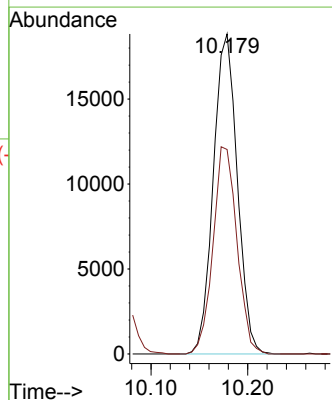
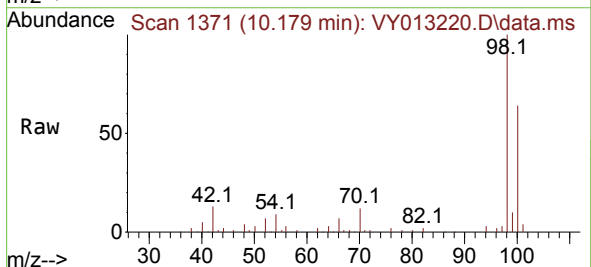
Acq: 07 Apr 2023 17:22

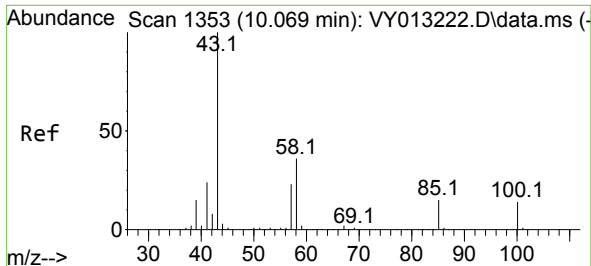
Tgt Ion: 98 Resp: 32338

Ion Ratio Lower Upper

98 100

100 64.8 50.9 76.3

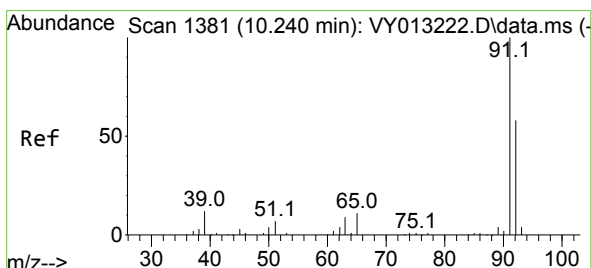
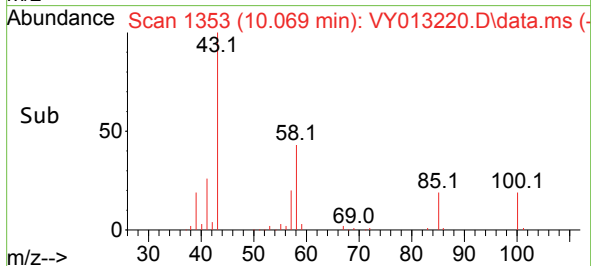
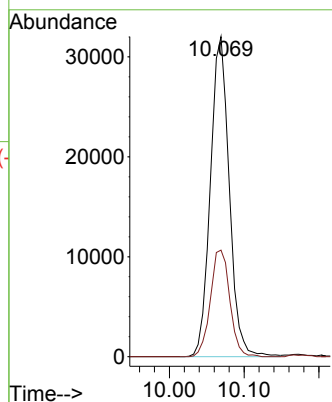
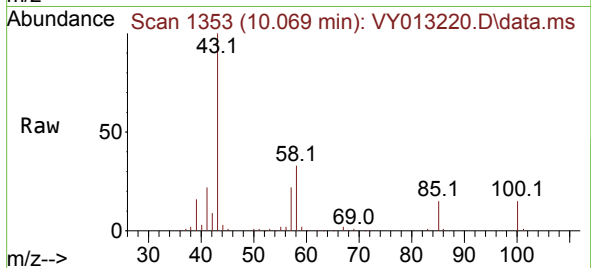




#51
4-Methyl-2-Pentanone
Concen: 67.054 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

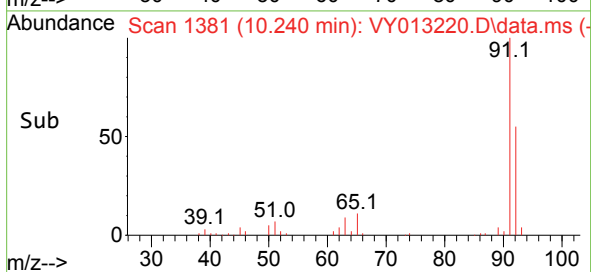
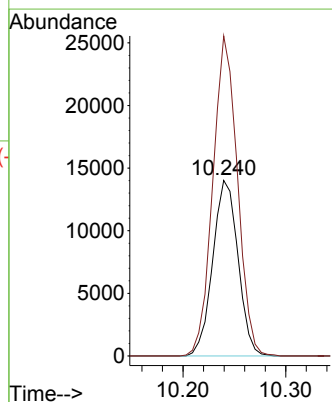
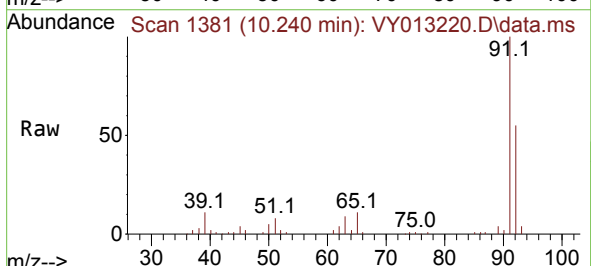
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

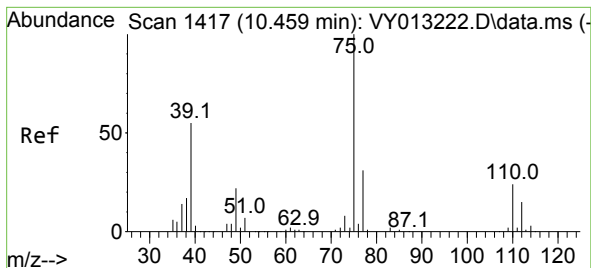
Tgt Ion: 43 Resp: 56194
Ion Ratio Lower Upper
43 100
58 34.2 29.8 44.6



#52
Toluene
Concen: 10.370 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 92 Resp: 23916
Ion Ratio Lower Upper
92 100
91 177.6 141.3 211.9

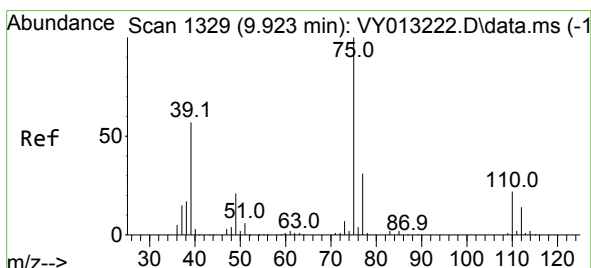
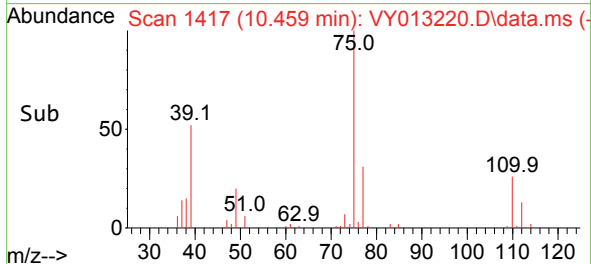
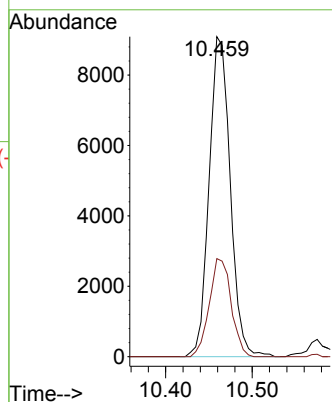
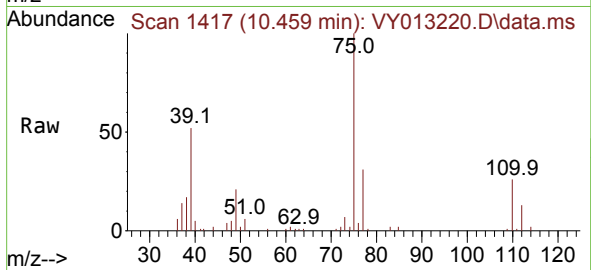




#53
 t-1,3-Dichloropropene
 Concen: 10.951 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY013220.D
 Acq: 07 Apr 2023 17:22

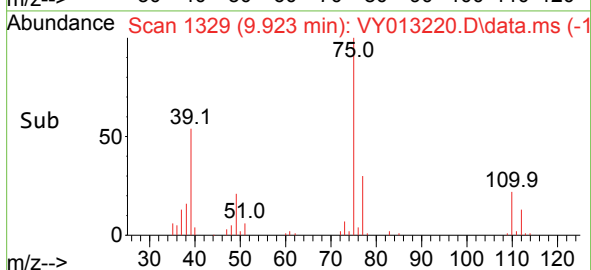
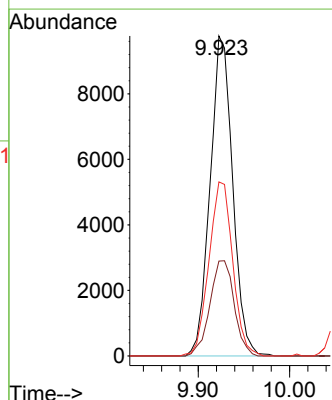
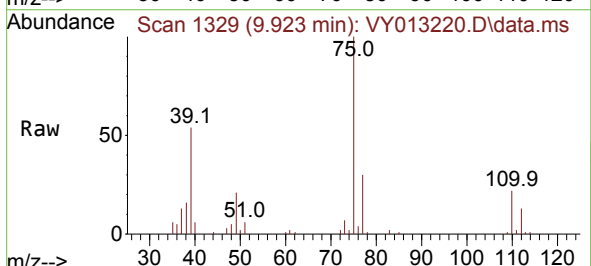
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

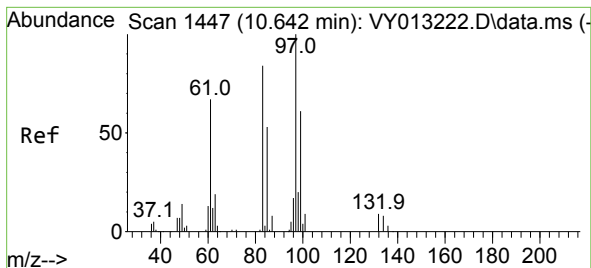
Tgt Ion: 75 Resp: 15395
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 11.235 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY013220.D
 Acq: 07 Apr 2023 17:22

Tgt Ion: 75 Resp: 16727
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.4 38.0
 39 54.4 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 11.561 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 8812

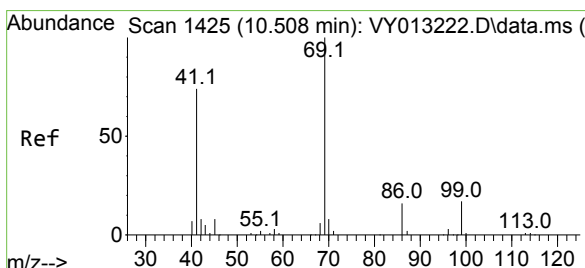
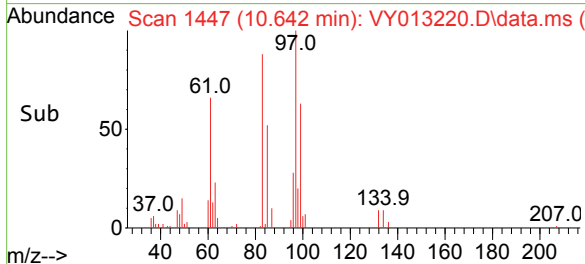
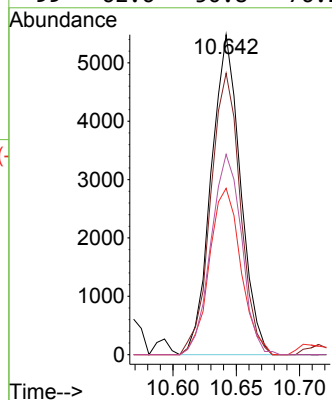
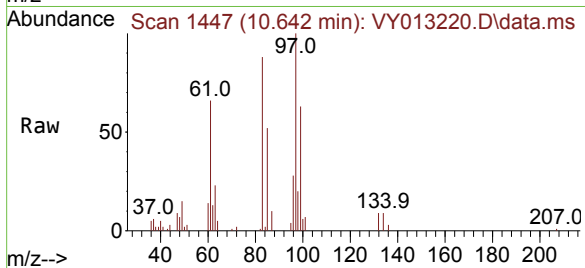
Ion Ratio Lower Upper

97 100

83 87.9 69.0 103.6

85 52.0 44.9 67.3

99 62.6 50.8 76.2



#56

Ethyl methacrylate

Concen: 10.112 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

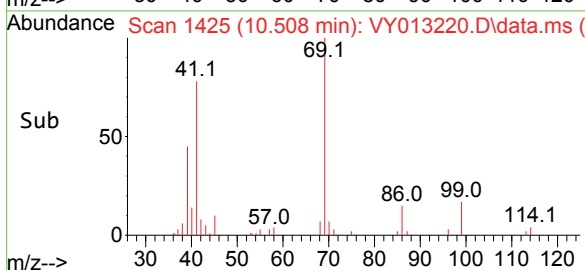
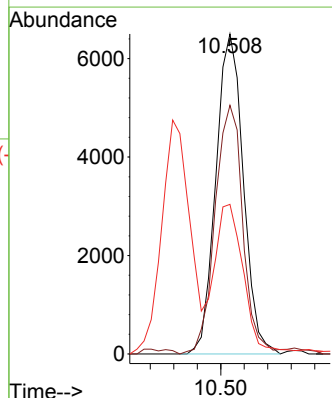
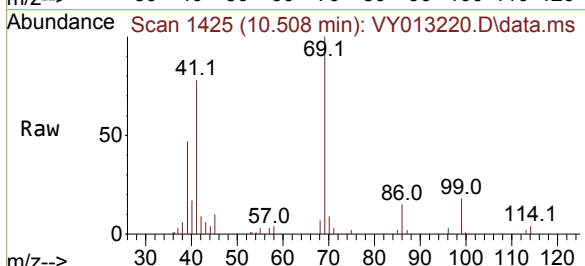
Tgt Ion: 69 Resp: 10555

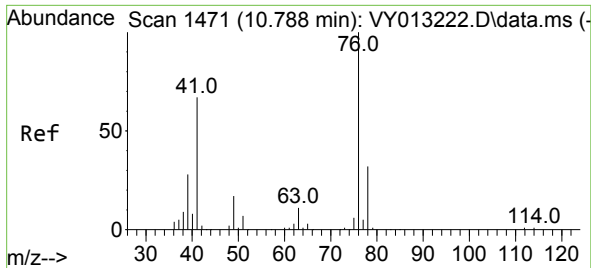
Ion Ratio Lower Upper

69 100

41 78.6 56.4 84.6

39 47.7 30.8 46.2#

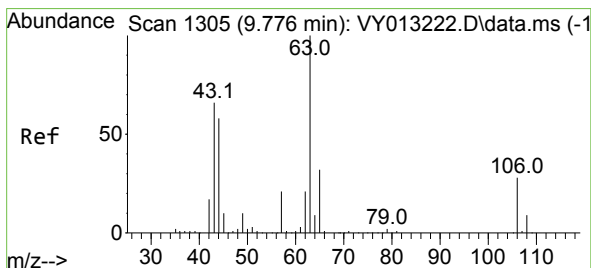
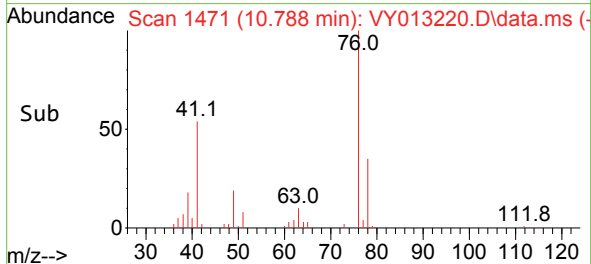
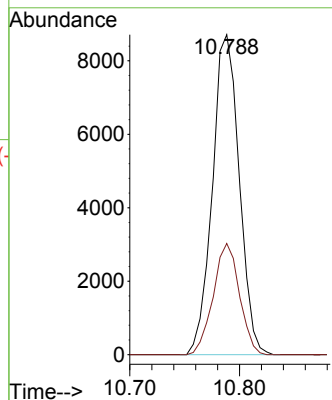
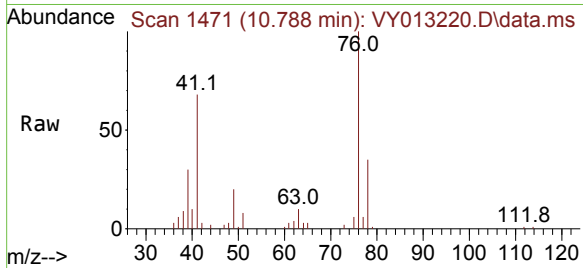




#57
1,3-Dichloropropane
Concen: 11.516 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

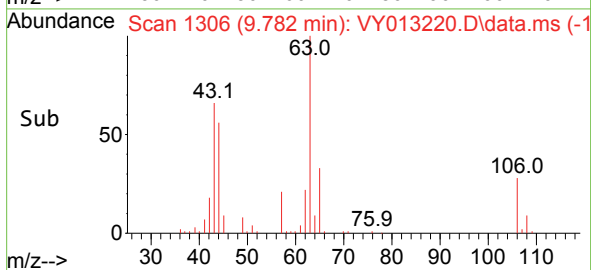
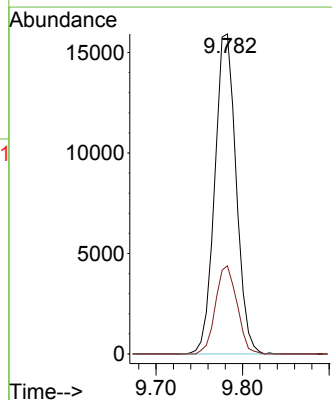
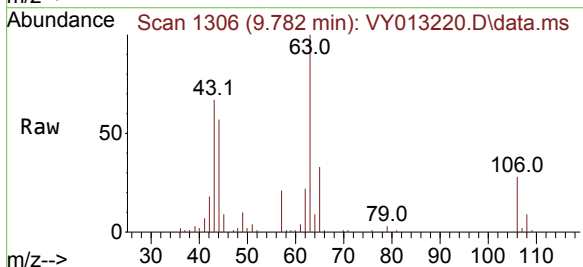
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

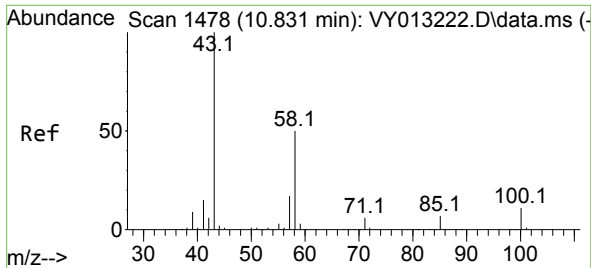
Tgt Ion: 76 Resp: 14811
Ion Ratio Lower Upper
76 100
78 34.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 59.501 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 63 Resp: 27342
Ion Ratio Lower Upper
63 100
106 27.7 22.1 33.1

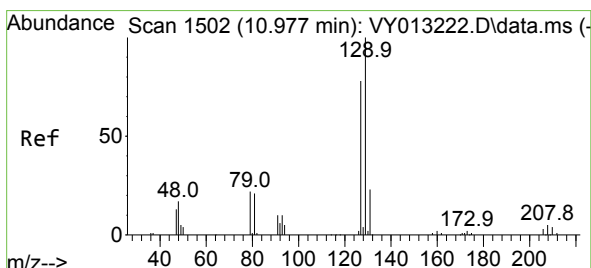
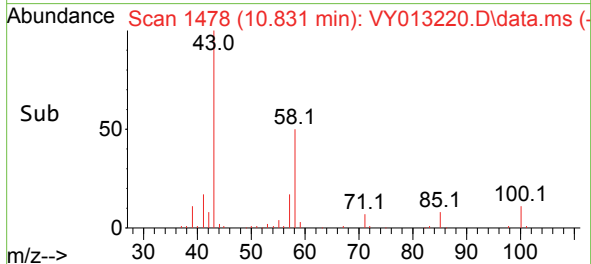
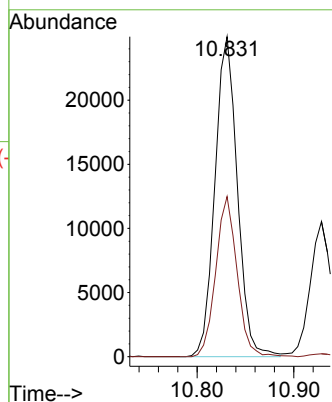
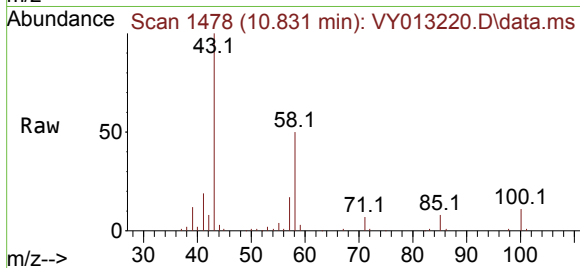




#59
2-Hexanone
Concen: 64.930 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

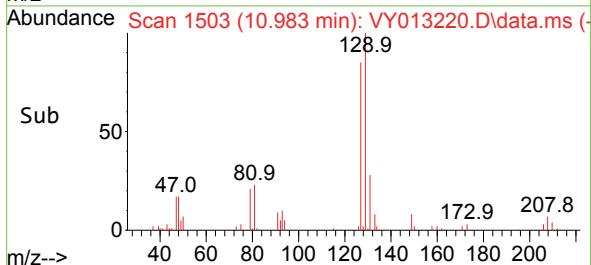
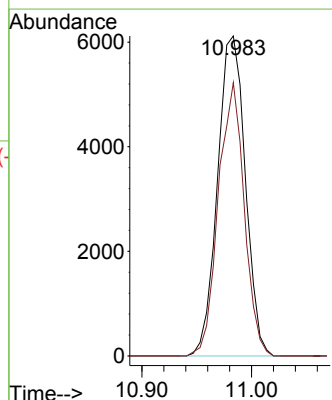
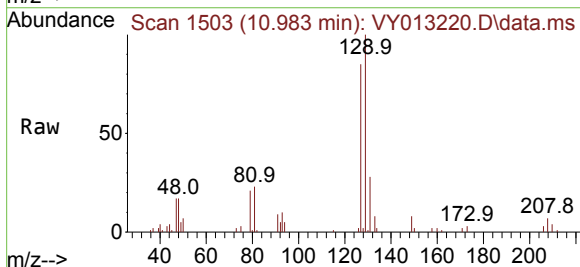
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

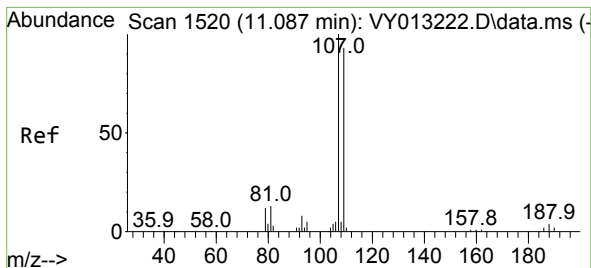
Tgt Ion: 43 Resp: 40161
Ion Ratio Lower Upper
43 100
58 47.5 25.9 77.8



#60
Dibromochloromethane
Concen: 10.891 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 129 Resp: 10777
Ion Ratio Lower Upper
129 100
127 79.3 38.7 116.1

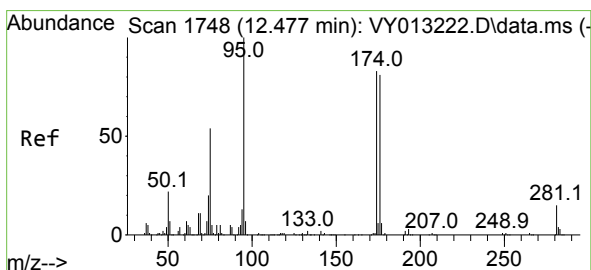
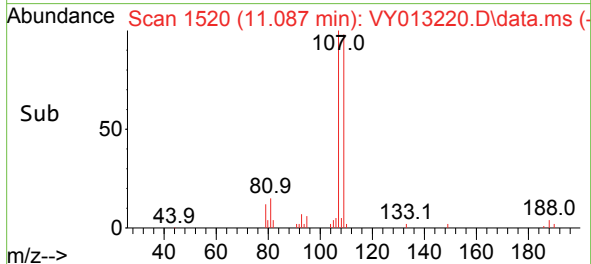
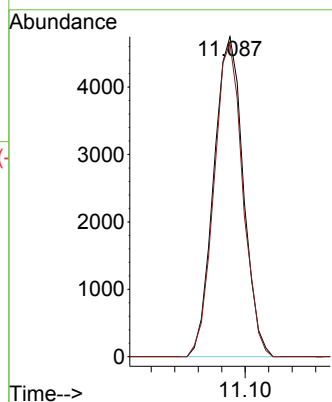
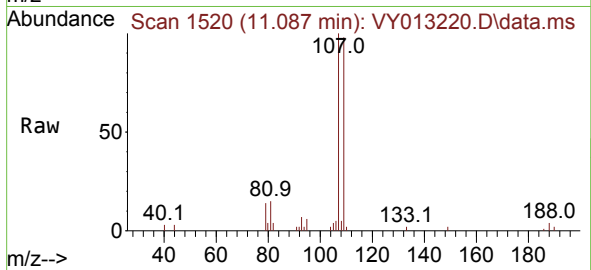




#61
1,2-Dibromoethane
Concen: 10.846 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

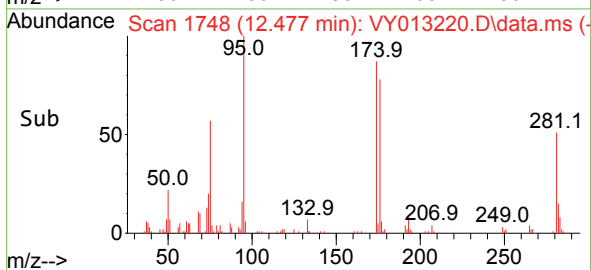
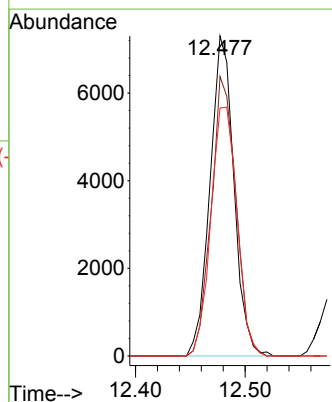
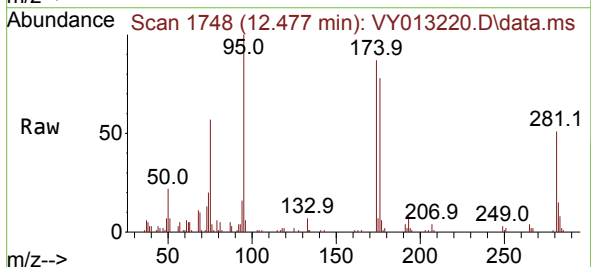
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

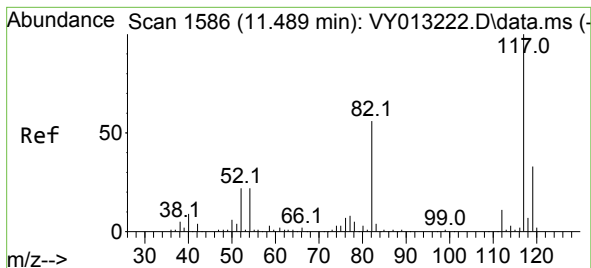
Tgt Ion:107 Resp: 8263
Ion Ratio Lower Upper
107 100
109 95.7 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 10.485 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 95 Resp: 11049
Ion Ratio Lower Upper
95 100
174 89.7 0.0 176.6
176 85.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117434

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

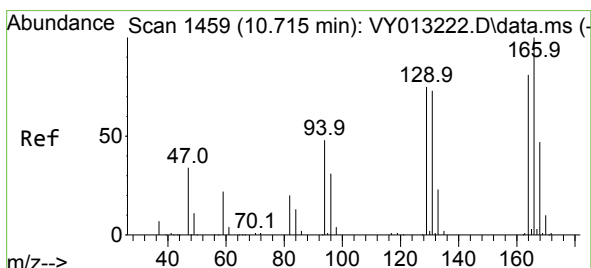
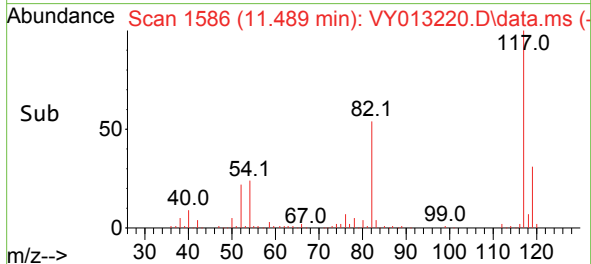
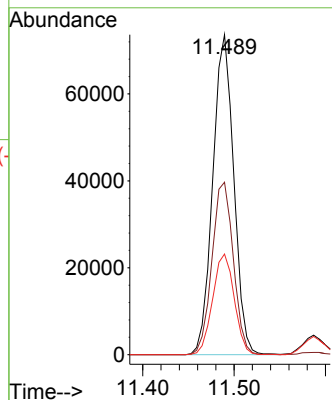
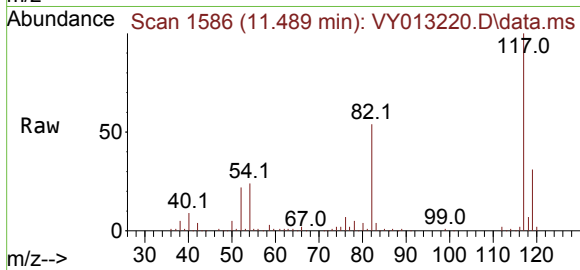
Tgt Ion:117 Resp: 117434

Ion Ratio Lower Upper

117 100

82 53.9 45.4 68.0

119 31.4 25.6 38.4



#64

Tetrachloroethene

Concen: 9.889 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Tgt Ion:164 Resp: 9230

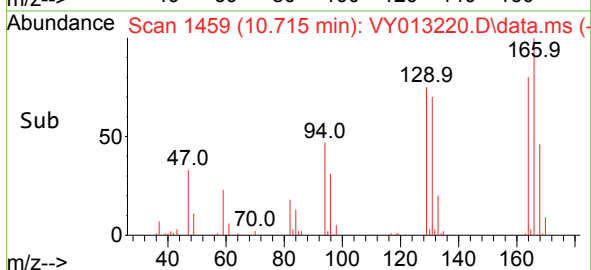
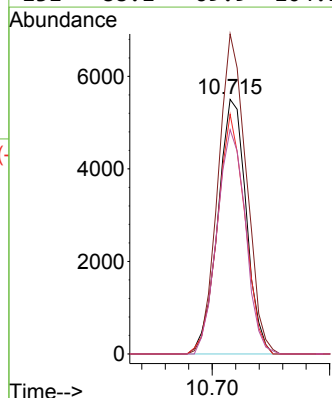
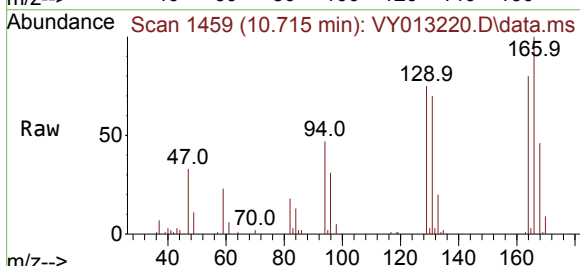
Ion Ratio Lower Upper

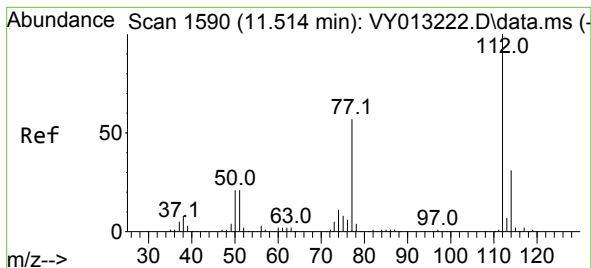
164 100

166 125.7 103.4 155.2

129 94.1 71.4 107.2

131 88.1 69.9 104.9





#65

Chlorobenzene

Concen: 10.507 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

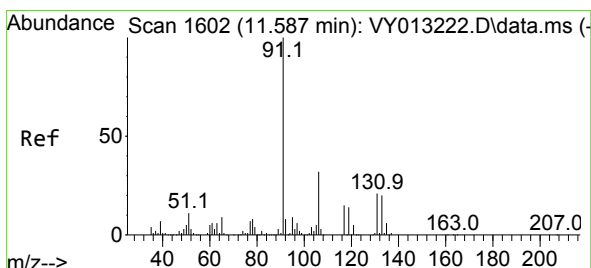
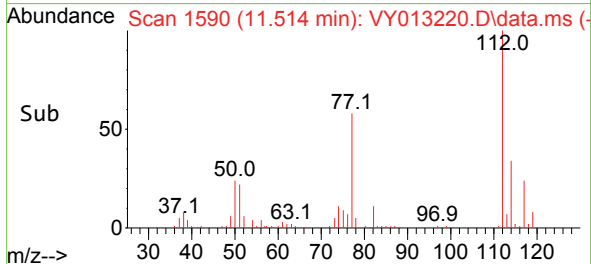
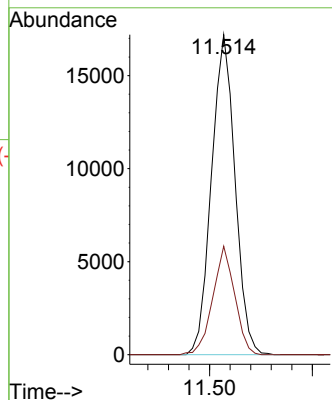
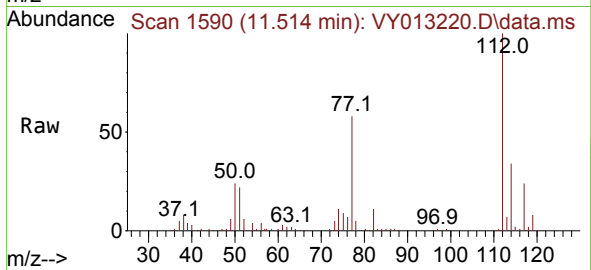
VSTDIC010

Tgt Ion:112 Resp: 27308

Ion Ratio Lower Upper

112 100

114 33.9 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 10.629 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

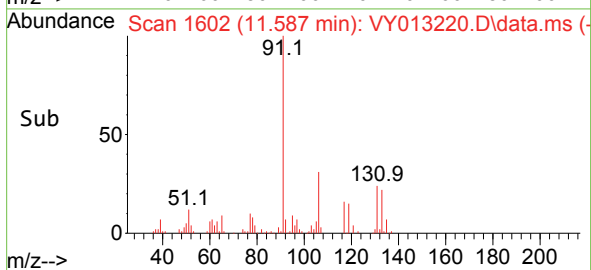
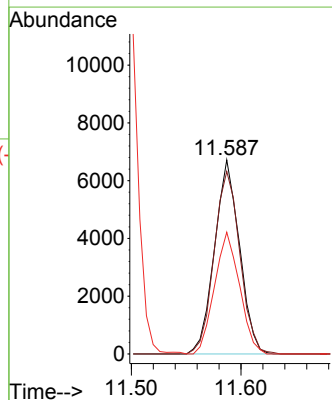
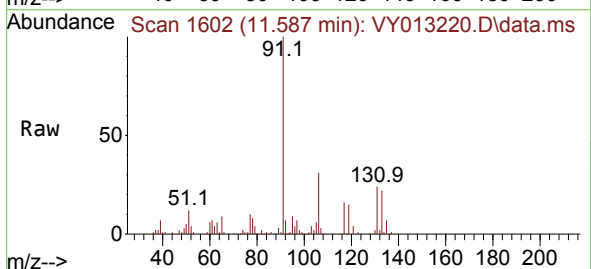
Tgt Ion:131 Resp: 10662

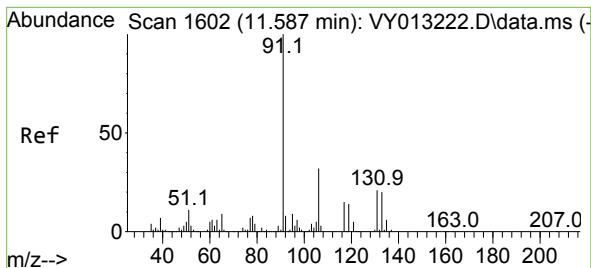
Ion Ratio Lower Upper

131 100

133 97.0 48.0 144.0

119 62.8 32.6 98.0





#67

Ethyl Benzene

Concen: 10.253 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

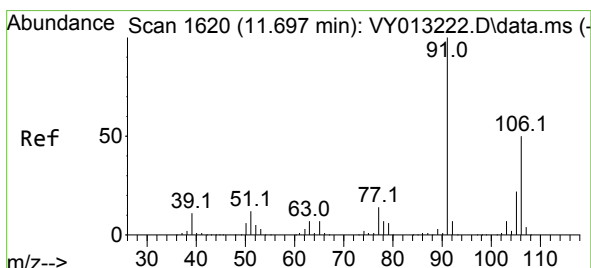
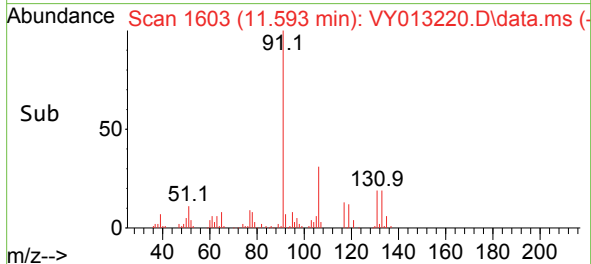
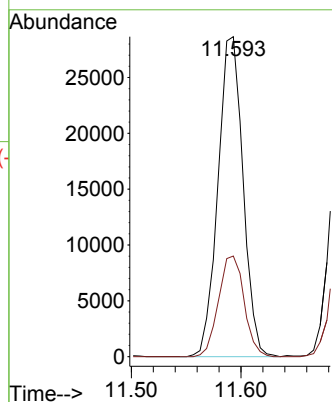
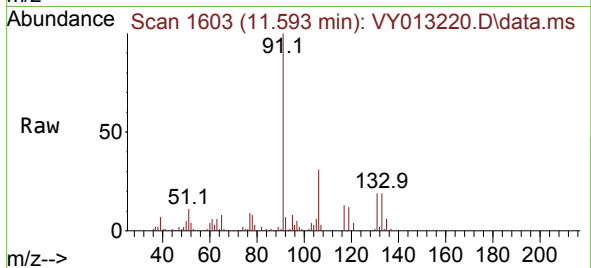
VSTDIC010

Tgt Ion: 91 Resp: 45506

Ion Ratio Lower Upper

91 100

106 31.5 25.1 37.7



#68

m/p-Xylenes

Concen: 19.815 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY013220.D

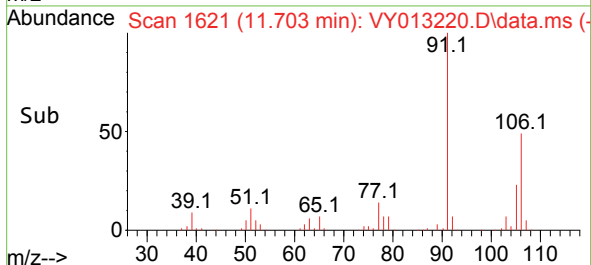
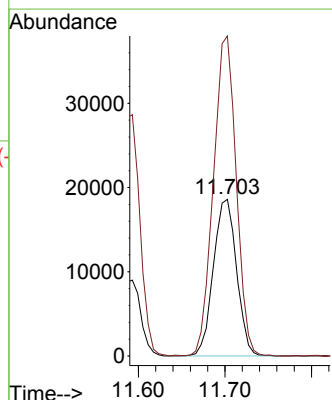
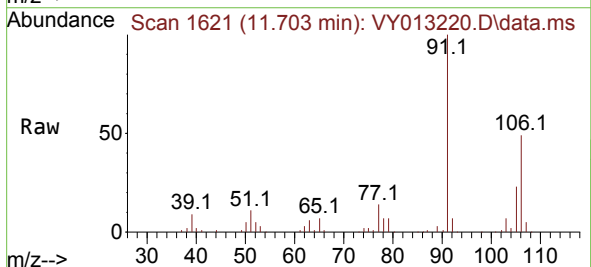
Acq: 07 Apr 2023 17:22

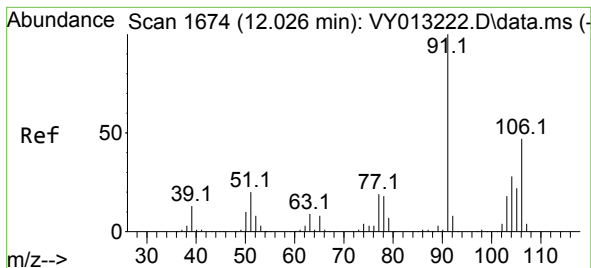
Tgt Ion:106 Resp: 34595

Ion Ratio Lower Upper

106 100

91 201.2 159.8 239.8





#69

o-Xylene

Concen: 9.770 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

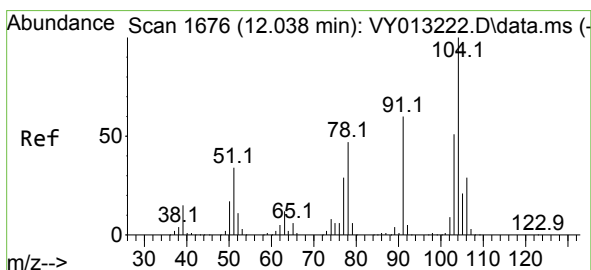
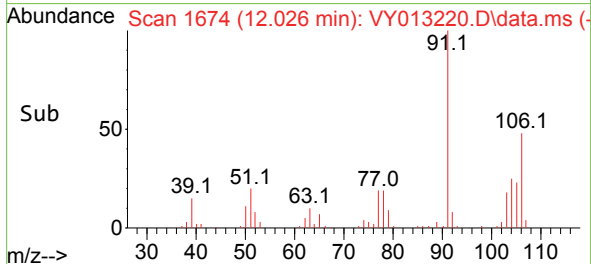
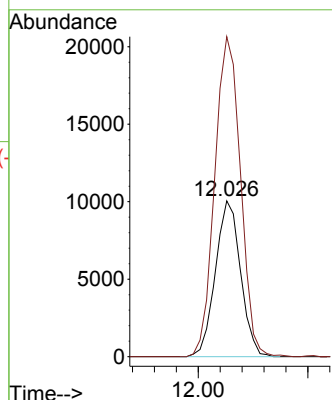
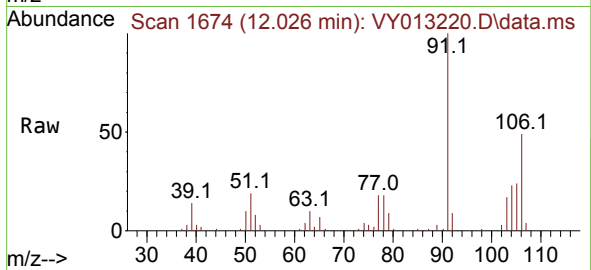
VSTDICC010

Tgt Ion:106 Resp: 16028

Ion Ratio Lower Upper

106 100

91 210.2 107.2 321.6



#70

Styrene

Concen: 9.897 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

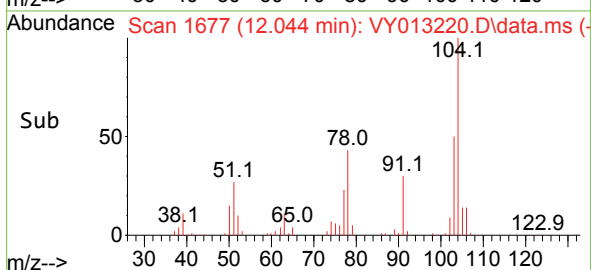
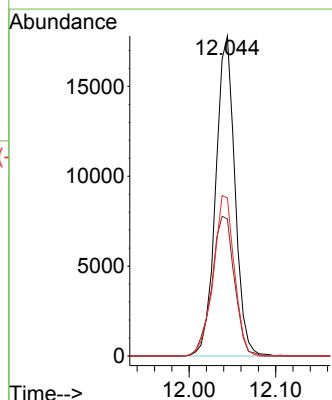
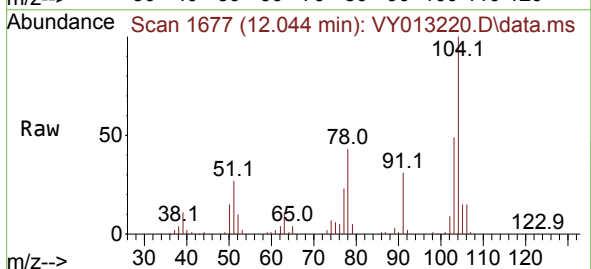
Tgt Ion:104 Resp: 27436

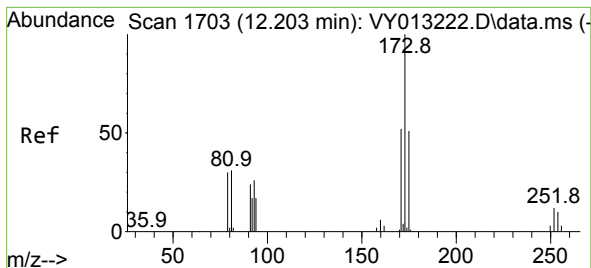
Ion Ratio Lower Upper

104 100

78 51.4 39.2 58.8

103 54.9 43.7 65.5





#71

Bromoform

Concen: 10.554 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

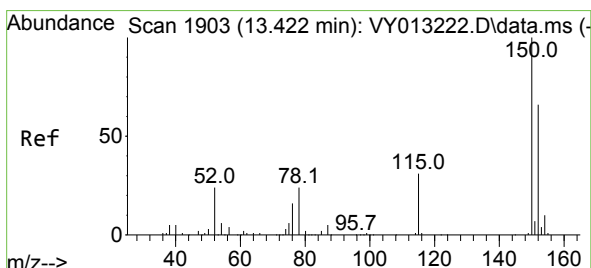
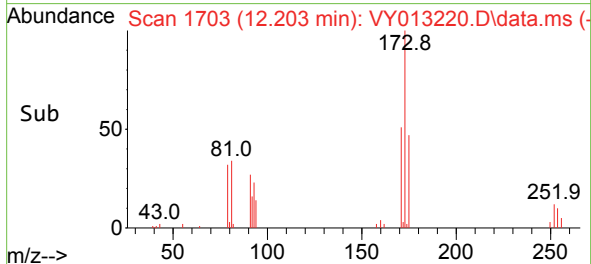
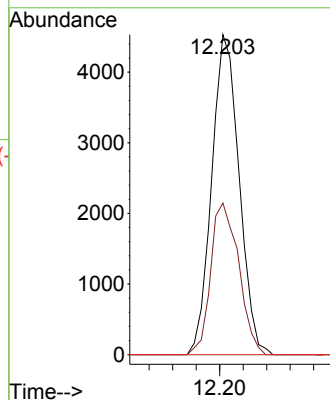
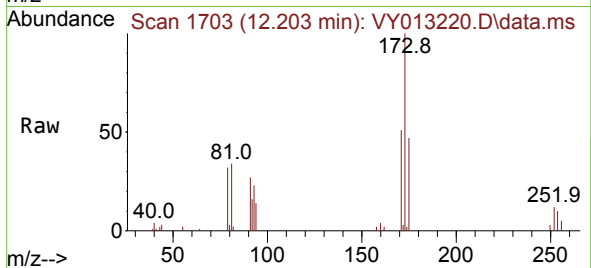
Tgt Ion:173 Resp: 7338

Ion Ratio Lower Upper

173 100

175 48.4 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

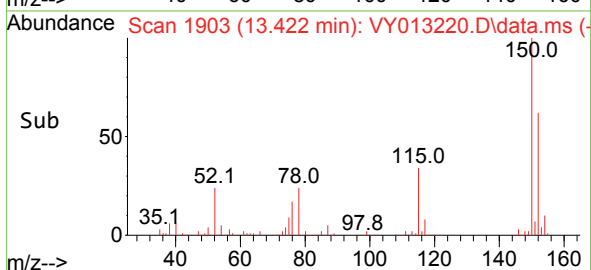
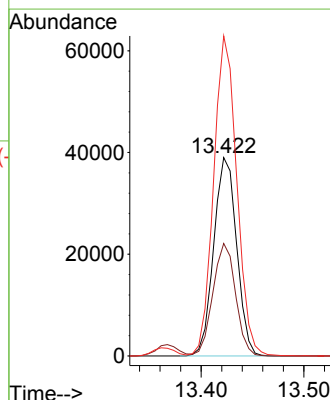
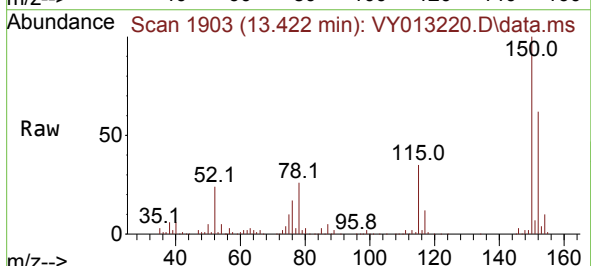
Tgt Ion:152 Resp: 60370

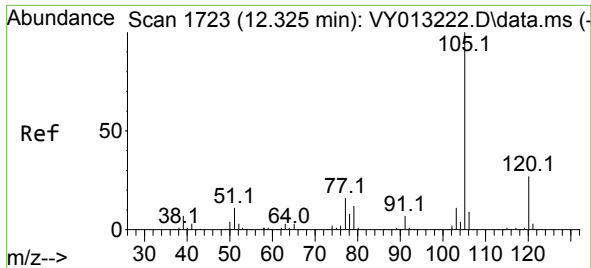
Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 162.9 0.0 347.8

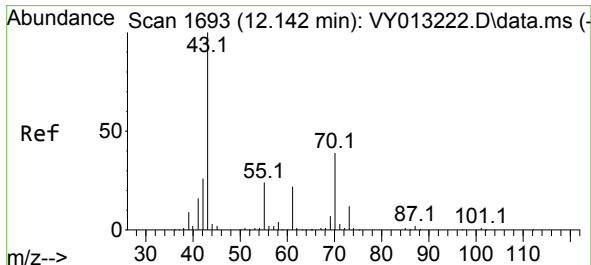
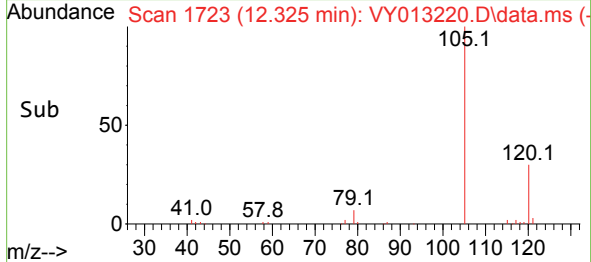
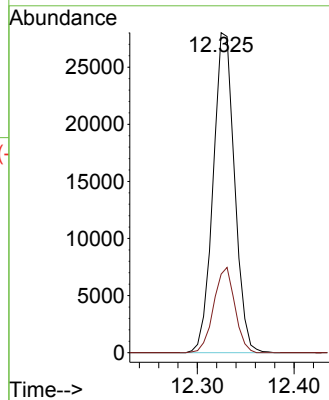
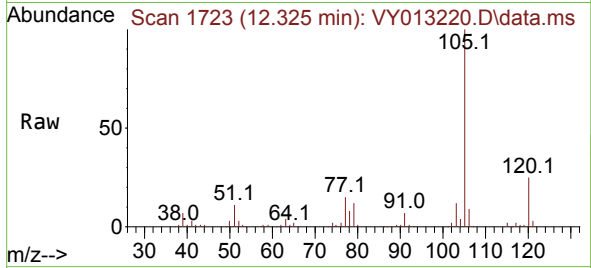




#73
Isopropylbenzene
Concen: 10.176 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

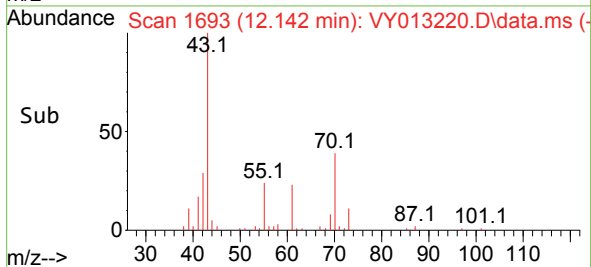
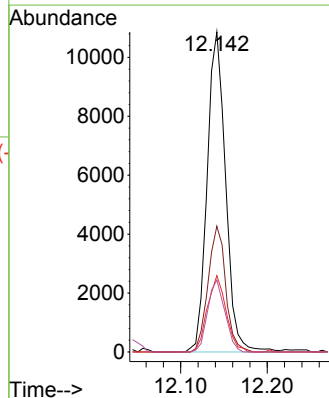
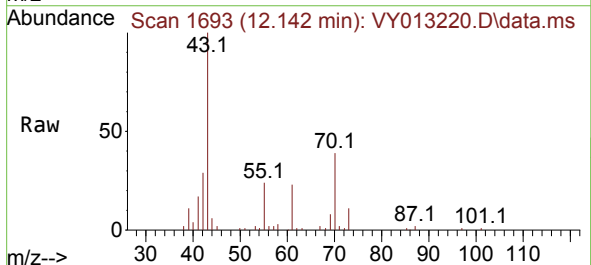
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

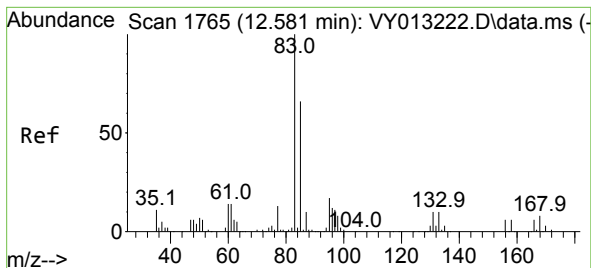
Tgt Ion:105 Resp: 43124
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2



#74
N-ethyl acetate
Concen: 12.361 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 43 Resp: 16096
Ion Ratio Lower Upper
43 100
70 37.7 31.6 47.4
55 24.1 18.8 28.2
61 21.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 12.642 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

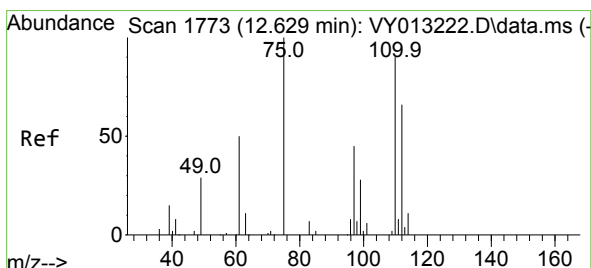
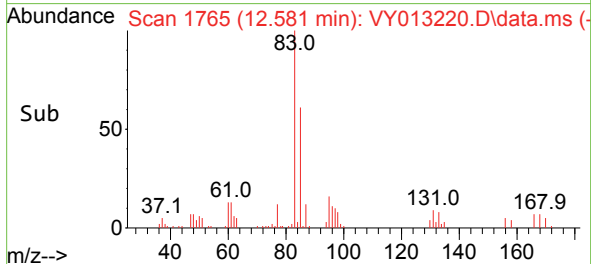
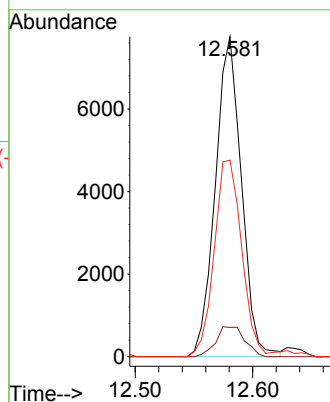
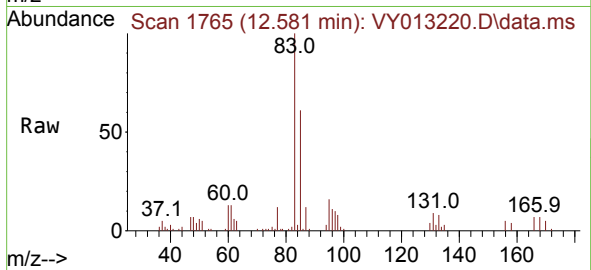
Tgt Ion: 83 Resp: 11974

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 22.001 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013220.D

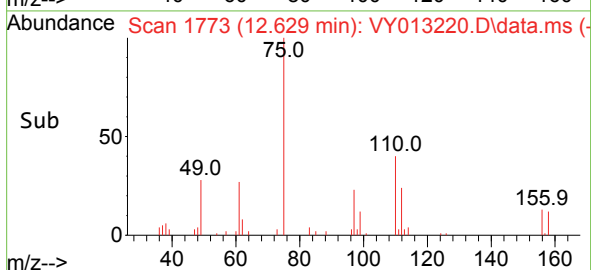
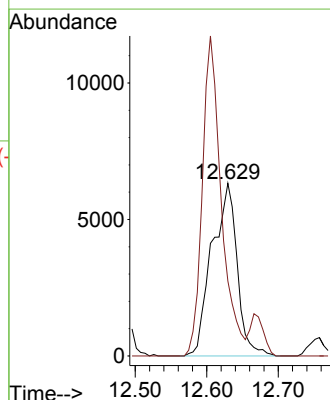
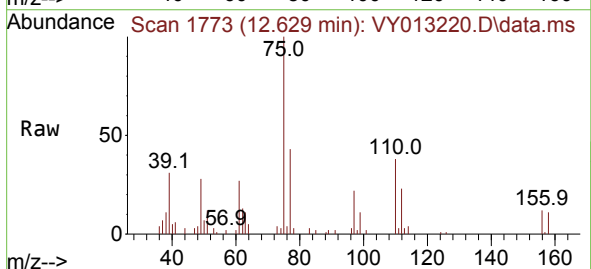
Acq: 07 Apr 2023 17:22

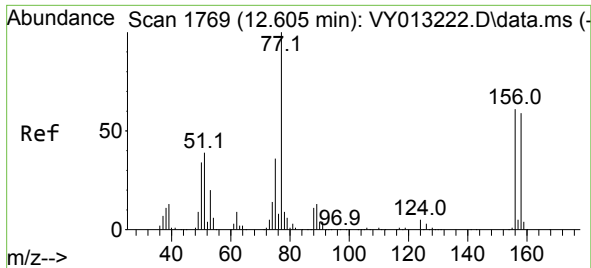
Tgt Ion: 75 Resp: 15479

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

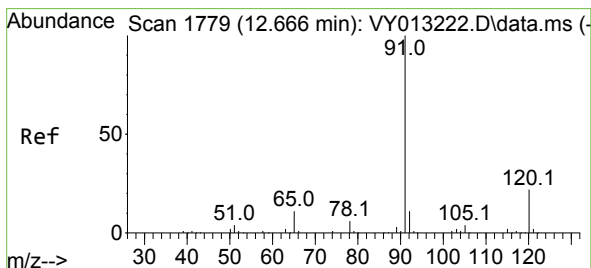
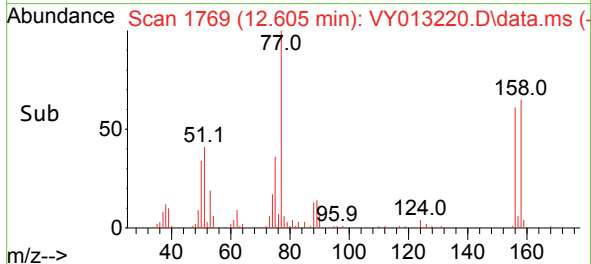
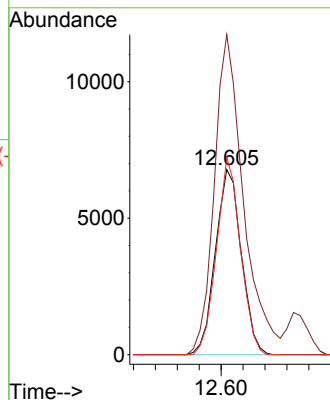
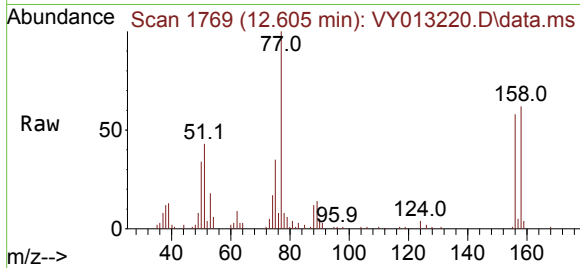




#77
Bromobenzene
Concen: 10.230 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

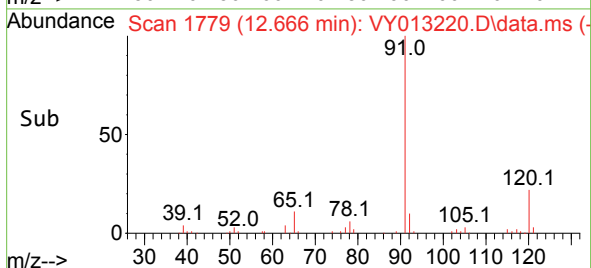
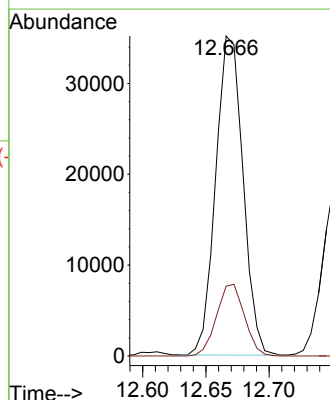
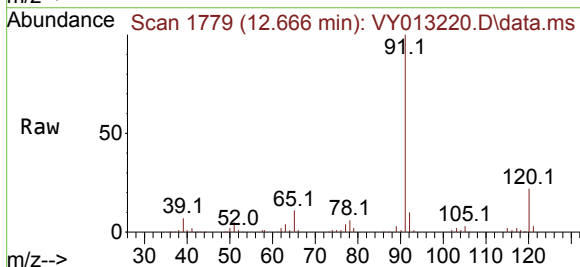
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

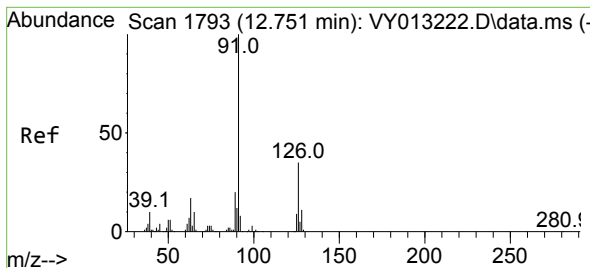
Tgt Ion:156 Resp: 11135
Ion Ratio Lower Upper
156 100
77 194.4 94.0 282.1
158 98.0 48.1 144.4



#78
n-propylbenzene
Concen: 10.381 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 91 Resp: 52704
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8

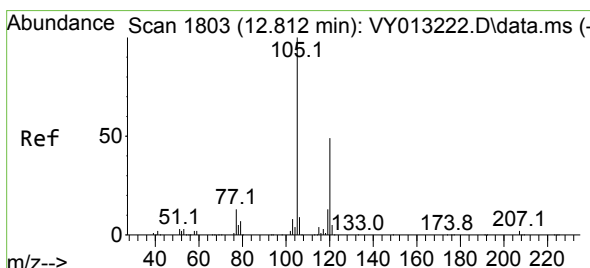
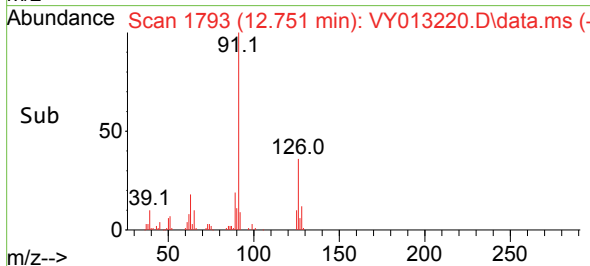
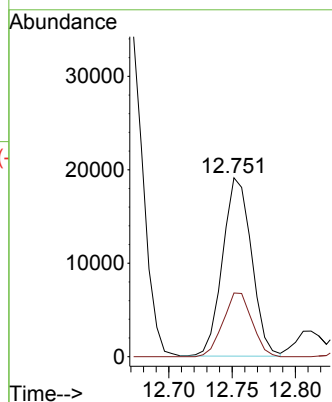
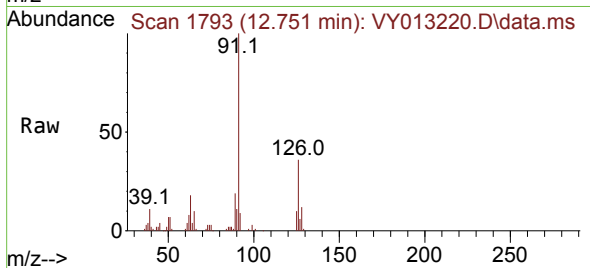




#79
2-Chlorotoluene
Concen: 10.545 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

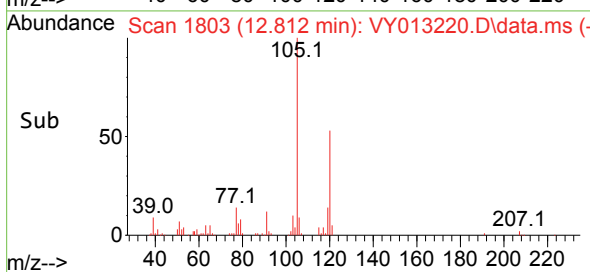
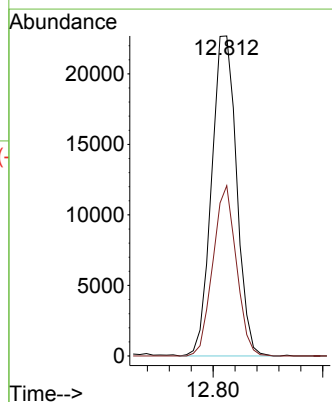
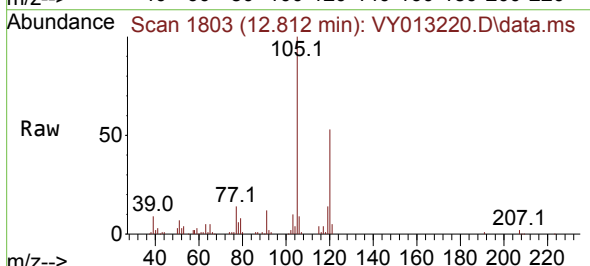
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

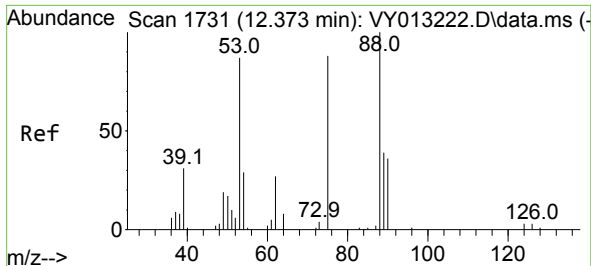
Tgt Ion: 91 Resp: 30401
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 10.047 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 105 Resp: 35909
Ion Ratio Lower Upper
105 100
120 49.9 24.8 74.4

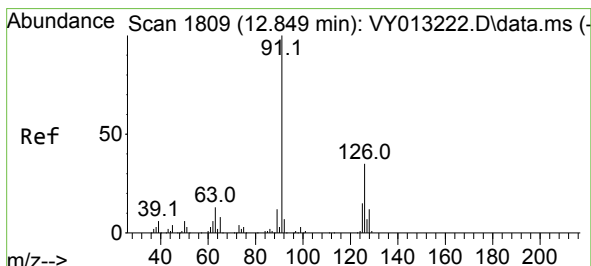
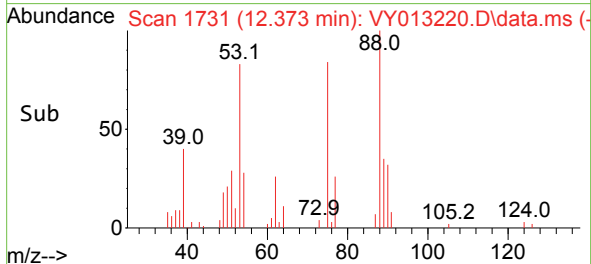
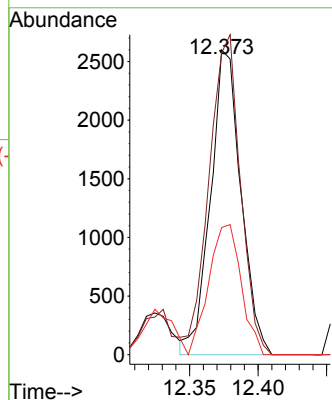
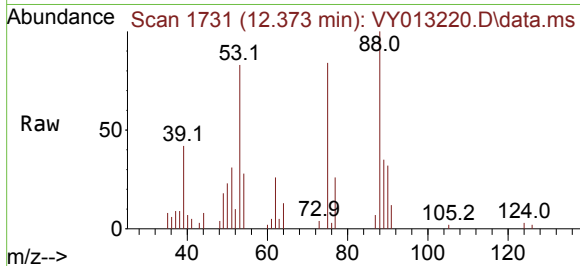




#81
trans-1,4-Dichloro-2-butene
Concen: 11.794 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

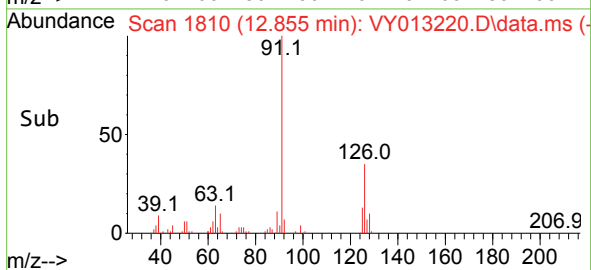
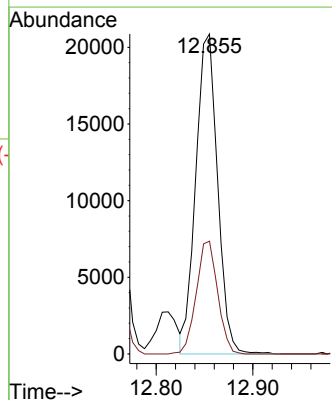
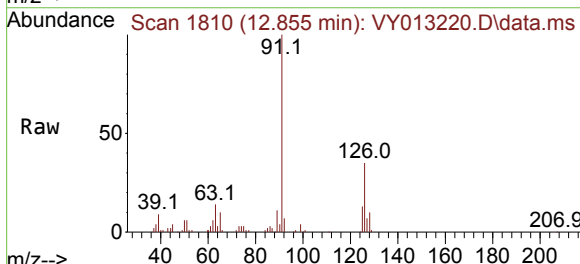
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

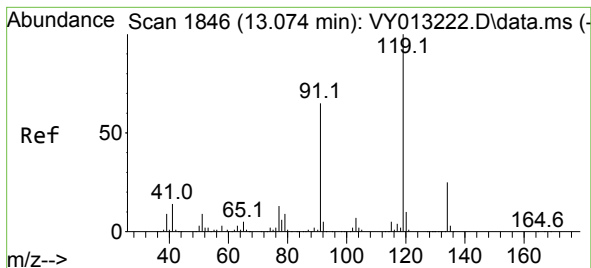
Tgt Ion:	75	Resp:	4006
Ion	Ratio	Lower	Upper
75	100		
53	108.4	73.4	110.0
89	45.4	36.6	55.0



#82
4-Chlorotoluene
Concen: 10.768 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion:	91	Resp:	32712
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.7	53.1





#83

tert-Butylbenzene

Concen: 9.754 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

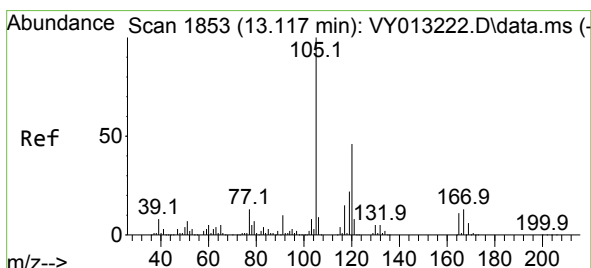
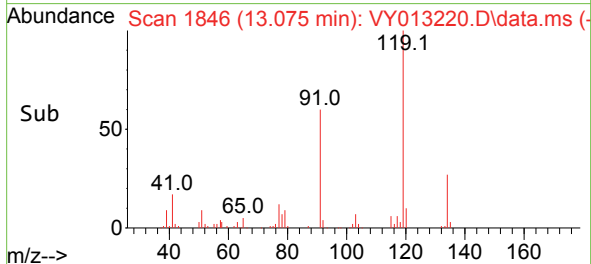
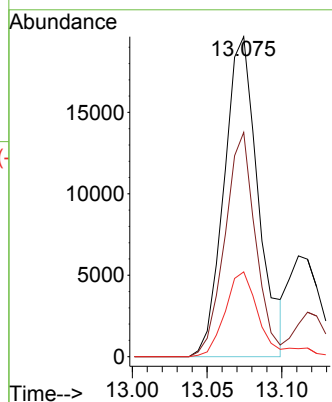
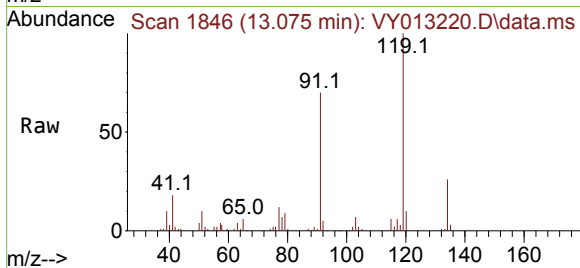
Tgt Ion:119 Resp: 31203

Ion Ratio Lower Upper

119 100

91 63.2 32.8 98.3

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 9.996 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013220.D

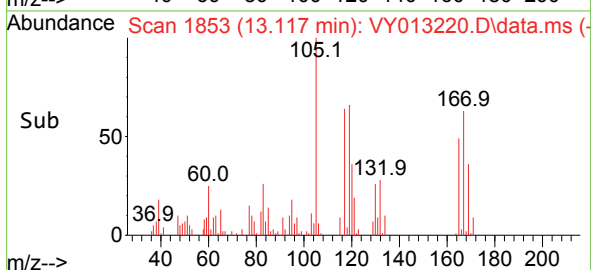
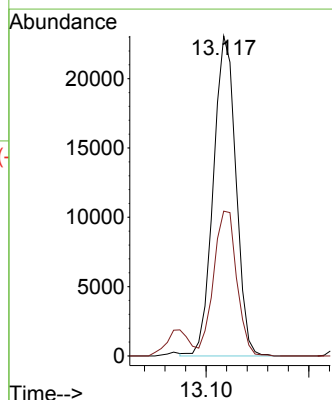
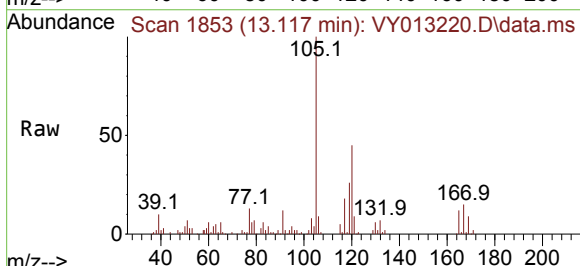
Acq: 07 Apr 2023 17:22

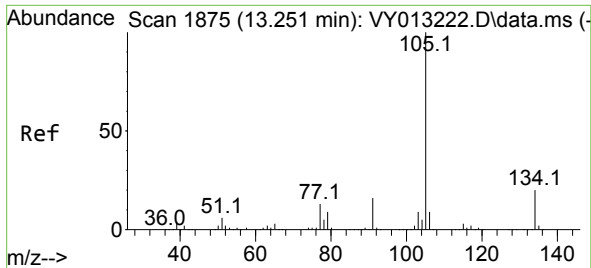
Tgt Ion:105 Resp: 35200

Ion Ratio Lower Upper

105 100

120 46.4 23.0 69.0

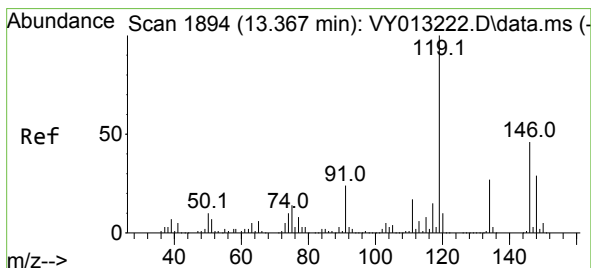
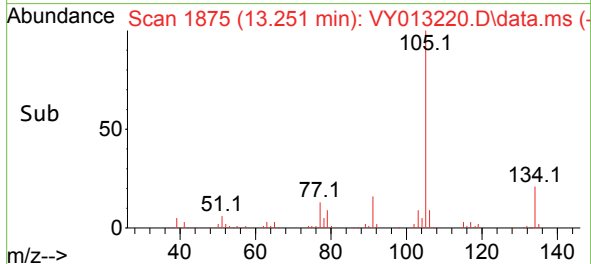
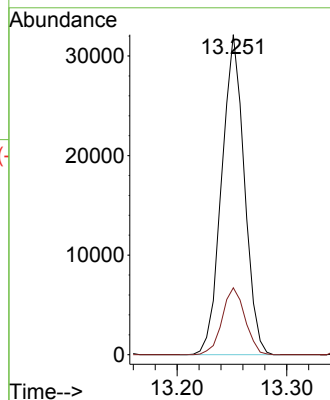
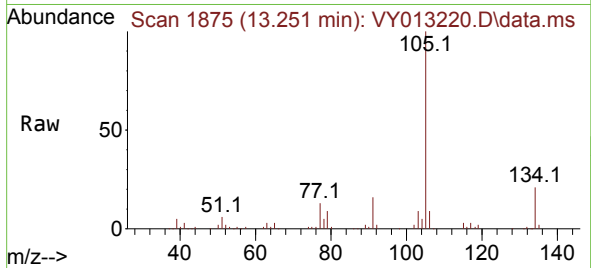




#85
 sec-Butylbenzene
 Concen: 10.072 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013220.D
 Acq: 07 Apr 2023 17:22

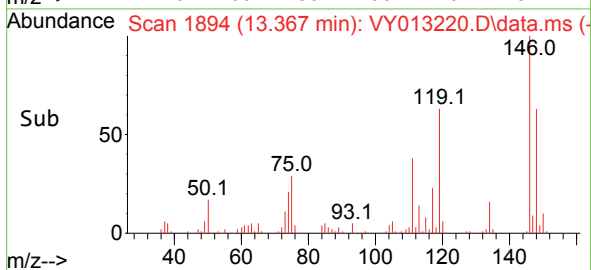
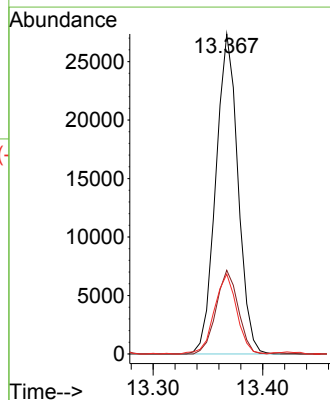
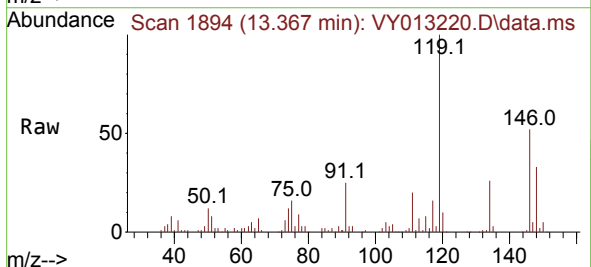
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

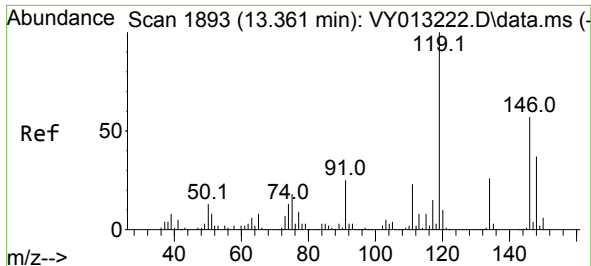
Tgt Ion:105 Resp: 46166
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 9.782 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013220.D
 Acq: 07 Apr 2023 17:22

Tgt Ion:119 Resp: 38511
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 25.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 10.428 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

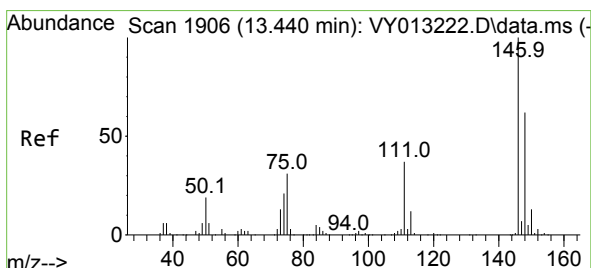
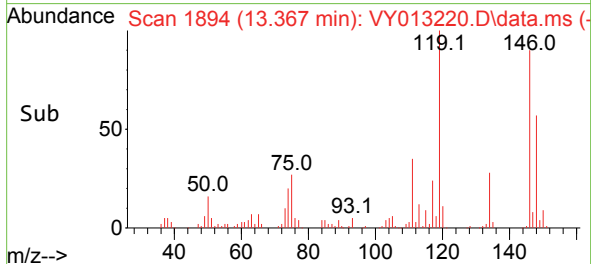
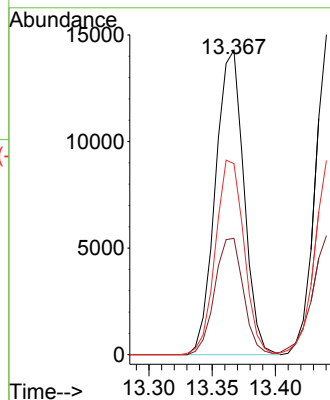
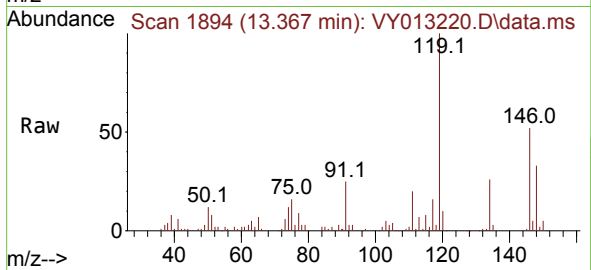
Tgt Ion:146 Resp: 22282

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.5

148 64.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 11.067 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

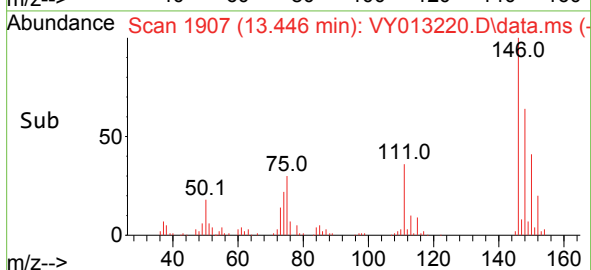
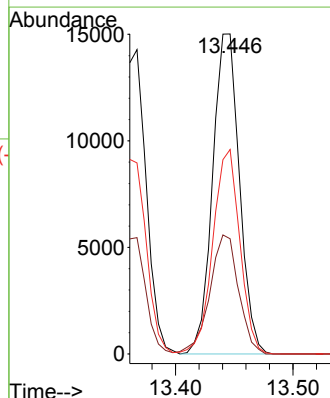
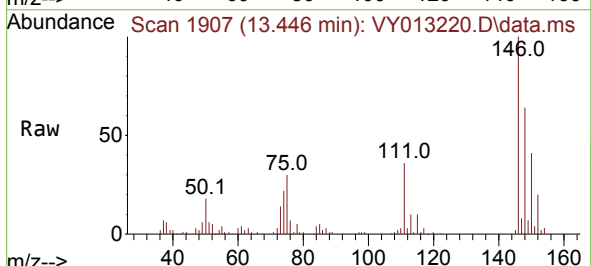
Tgt Ion:146 Resp: 23813

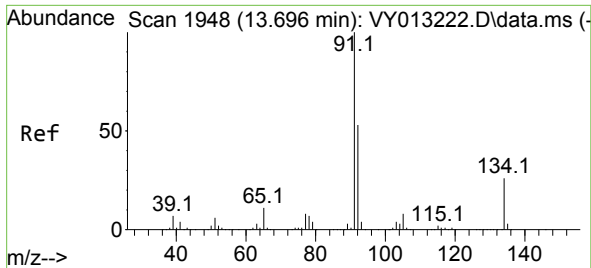
Ion Ratio Lower Upper

146 100

111 40.1 18.6 55.8

148 64.5 31.5 94.5

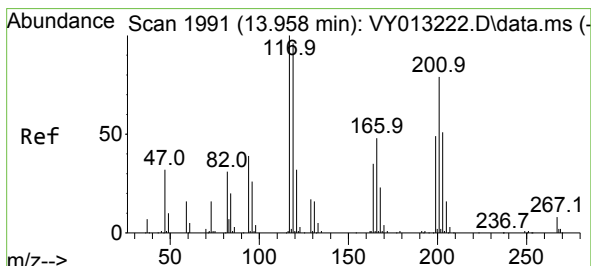
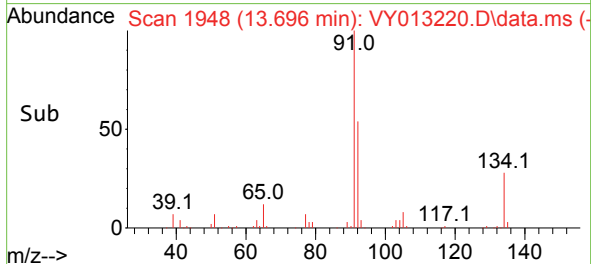
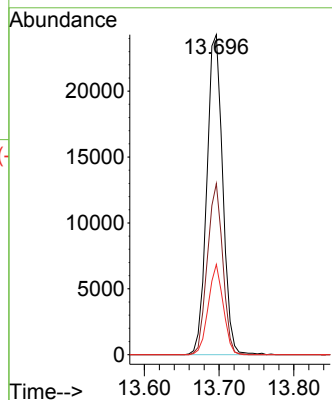
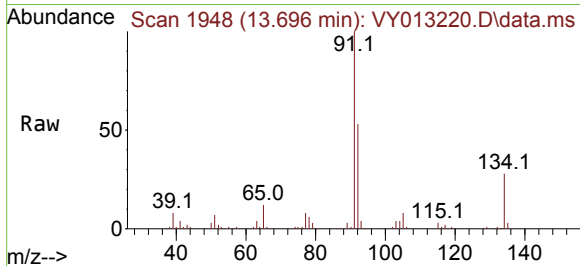




#89
n-Butylbenzene
Concen: 10.139 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

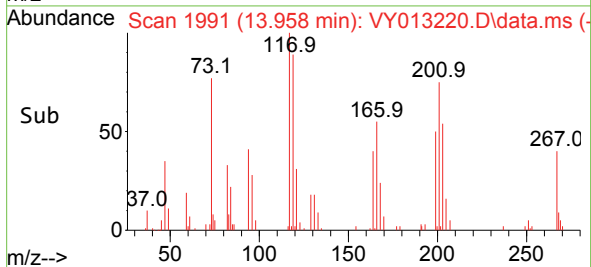
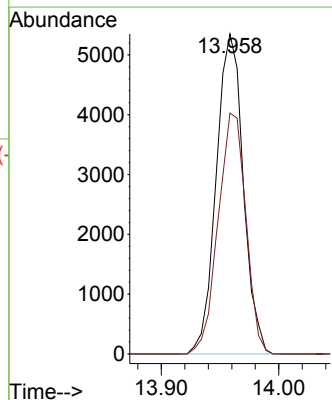
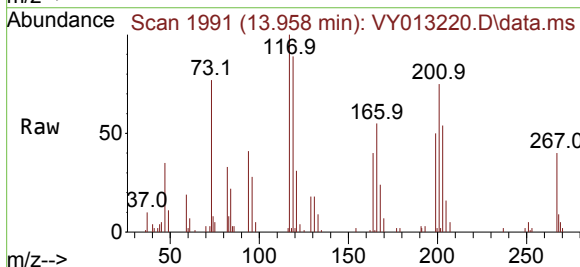
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

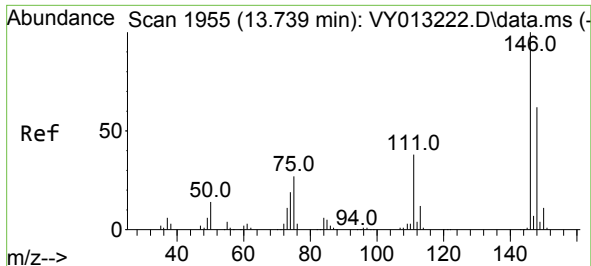
Tgt Ion: 91	Resp: 35748
Ion Ratio	Lower Upper
91	100
92	51.7 26.4 79.0
134	26.6 13.0 38.9



#90
Hexachloroethane
Concen: 10.995 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013220.D
Acq: 07 Apr 2023 17:22

Tgt Ion: 117	Resp: 8551
Ion Ratio	Lower Upper
117	100
201	77.2 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 10.730 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

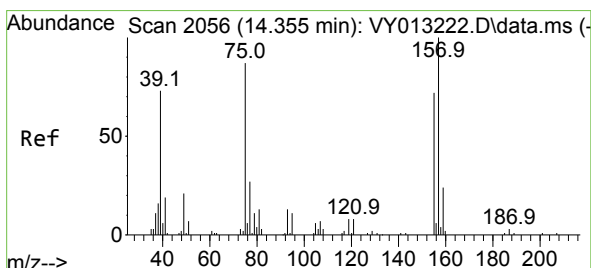
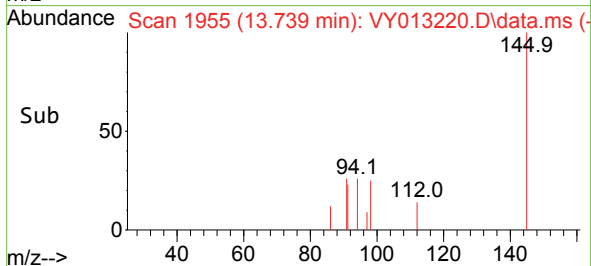
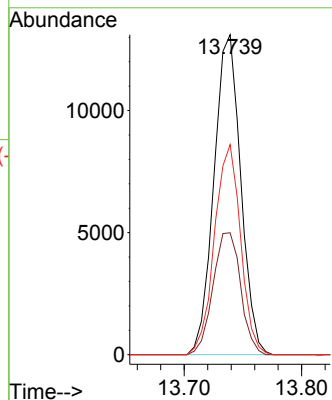
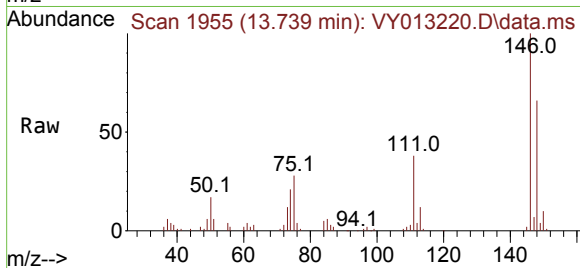
Tgt Ion:146 Resp: 20759

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.1

148 64.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 13.164 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

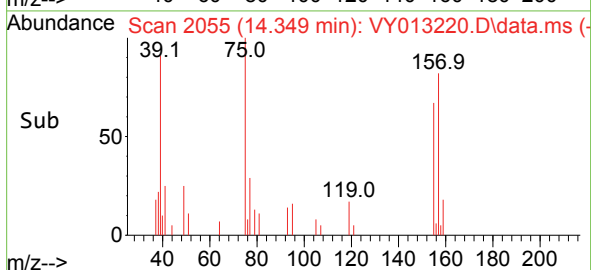
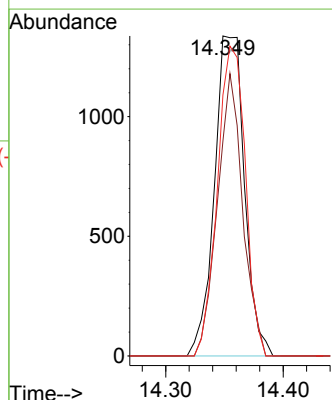
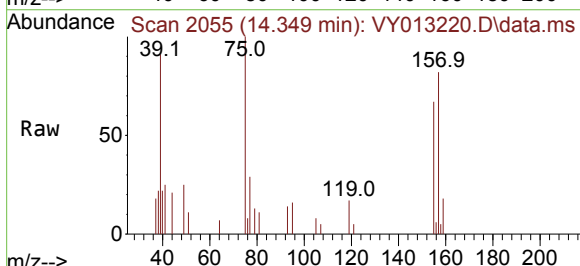
Tgt Ion: 75 Resp: 2379

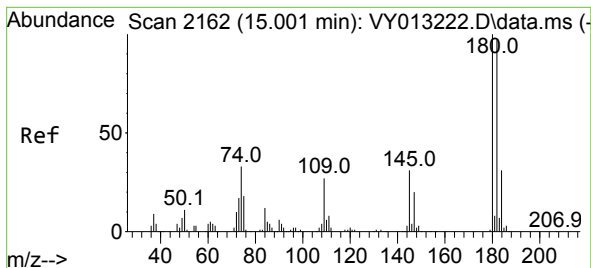
Ion Ratio Lower Upper

75 100

155 74.3 43.8 131.4

157 90.0 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 9.998 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

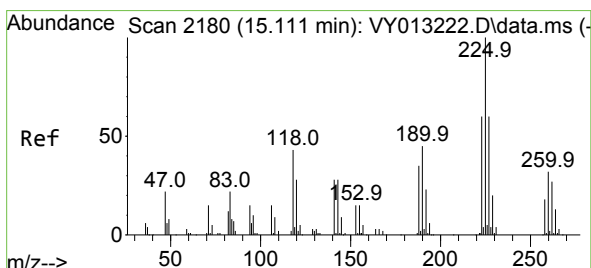
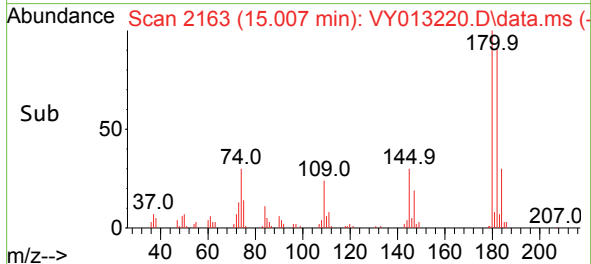
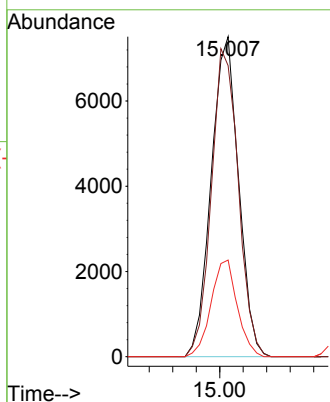
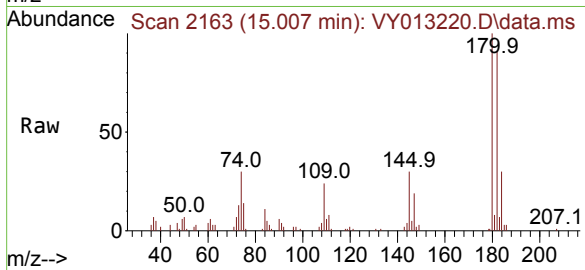
Tgt Ion:180 Resp: 12154

Ion Ratio Lower Upper

180 100

182 94.6 46.7 140.1

145 28.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 9.695 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

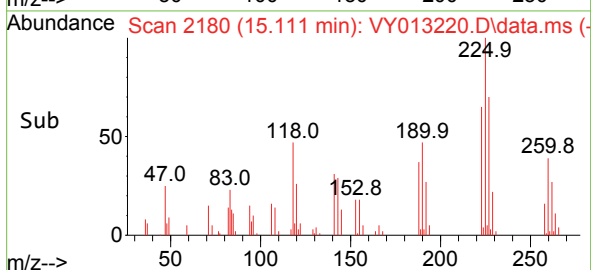
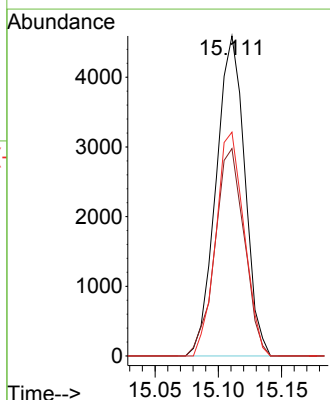
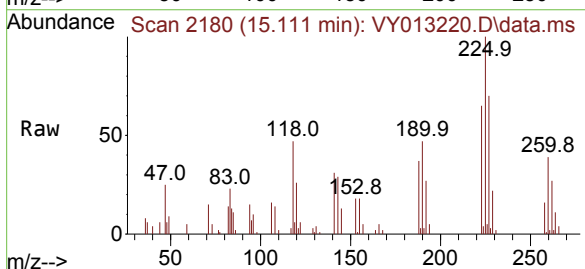
Tgt Ion:225 Resp: 7244

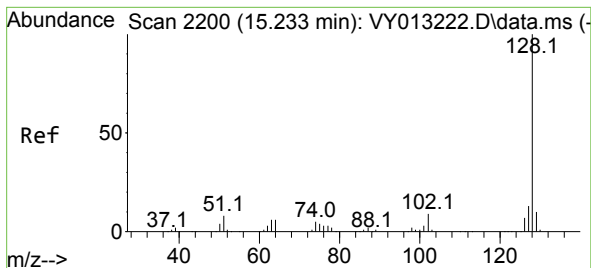
Ion Ratio Lower Upper

225 100

223 66.1 31.1 93.3

227 69.0 32.4 97.0





#95

Naphthalene

Concen: 9.759 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

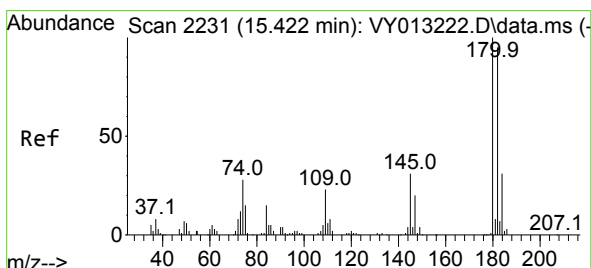
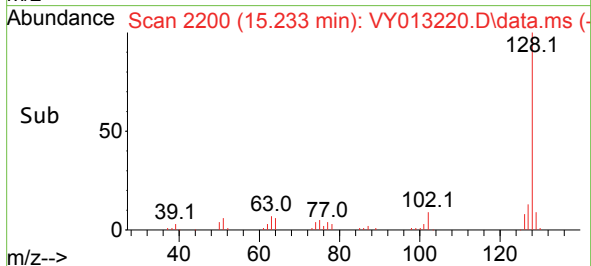
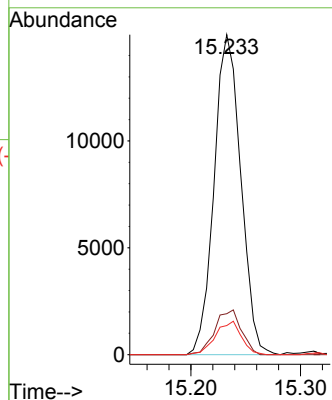
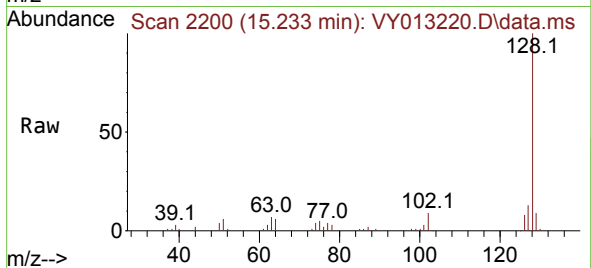
Tgt Ion:128 Resp: 25343

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 10.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.845 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013220.D

Acq: 07 Apr 2023 17:22

Tgt Ion:180 Resp: 11204

Ion Ratio Lower Upper

180 100

182 97.2 47.4 142.3

145 30.6 15.3 45.8

