

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015850.D
 Acq On : 05 Oct 2023 15:31
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 06 05:21:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:15:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	210099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	316641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103572	50.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.220%	
35) Dibromofluoromethane	7.710	113	100491	51.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.000%	
50) Toluene-d8	10.173	98	333798	52.182	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.360%	
62) 4-Bromofluorobenzene	12.477	95	134202	51.326	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	52320	54.150	ug/l	100
3) Chloromethane	2.107	50	60742	56.570	ug/l	99
4) Vinyl Chloride	2.241	62	73946	54.678	ug/l	98
5) Bromomethane	2.637	94	51931	55.095	ug/l	93
6) Chloroethane	2.778	64	54272	56.183	ug/l	94
7) Trichlorofluoromethane	3.113	101	136733	52.111	ug/l	100
8) Diethyl Ether	3.521	74	57563	50.319	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.881	101	88685	51.855	ug/l	95
10) Methyl Iodide	4.076	142	82385	50.683	ug/l	97
11) Tert butyl alcohol	4.966	59	106990	243.696	ug/l #	83
12) 1,1-Dichloroethene	3.857	96	72386	52.924	ug/l	92
13) Acrolein	3.723	56	38907	243.978	ug/l	99
14) Allyl chloride	4.466	41	132738	51.477	ug/l	93
15) Acrylonitrile	5.155	53	215425	241.411	ug/l	97
16) Acetone	3.948	43	241530	225.538	ug/l	93
17) Carbon Disulfide	4.180	76	120072	54.050	ug/l	98
18) Methyl Acetate	4.466	43	174325	50.017	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	321683	49.759	ug/l	98
20) Methylene Chloride	4.698	84	110524	48.119	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	83360	52.910	ug/l	97
22) Diisopropyl ether	6.112	45	336692	50.284	ug/l	90
23) Vinyl Acetate	6.051	43	1005820	248.183	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	178341	50.157	ug/l	99
25) 2-Butanone	6.978	43	337872	229.365	ug/l	97
26) 2,2-Dichloropropane	6.972	77	162390	49.147	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	114484	50.268	ug/l	95
28) Bromochloromethane	7.326	49	108036	51.956	ug/l	94
29) Tetrahydrofuran	7.344	42	198149	241.069	ug/l	92
30) Chloroform	7.496	83	193951	48.761	ug/l	97
31) Cyclohexane	7.777	56	118841	51.006	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	162642	50.018	ug/l	98
36) 1,1-Dichloropropene	7.911	75	123963	52.738	ug/l	99
37) Ethyl Acetate	7.063	43	124284	47.249	ug/l	96
38) Carbon Tetrachloride	7.893	117	141659	51.255	ug/l	99
39) Methylcyclohexane	9.179	83	137712	54.781	ug/l	93
40) Benzene	8.155	78	380717	51.618	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	63824	51.917	ug/l #	92
42) 1,2-Dichloroethane	8.234	62	132796	50.005	ug/l	94
43) Isopropyl Acetate	8.264	43	220091	48.612	ug/l	97
44) Trichloroethene	8.935	130	109122	50.552	ug/l	98
45) 1,2-Dichloropropane	9.209	63	108090	49.546	ug/l	93
46) Dibromomethane	9.301	93	69613	49.911	ug/l	96
47) Bromodichloromethane	9.490	83	160566	49.596	ug/l	98
48) Methyl methacrylate	9.289	41	97370	49.242	ug/l	90
49) 1,4-Dioxane	9.307	88	27992	895.946	ug/l #	46
51) 4-Methyl-2-Pentanone	10.063	43	682843	241.092	ug/l	92
52) Toluene	10.240	92	247535	51.294	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	173065	50.946	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	183070	50.765	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	108006	49.292	ug/l	97
56) Ethyl methacrylate	10.508	69	162055	51.009	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	175325	50.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	472074	255.011	ug/l	95
59) 2-Hexanone	10.831	43	528184	240.326	ug/l	90
60) Dibromochloromethane	10.983	129	127156	50.242	ug/l	99
61) 1,2-Dibromoethane	11.087	107	101945	49.785	ug/l	99
64) Tetrachloroethene	10.715	164	110166	49.498	ug/l	98
65) Chlorobenzene	11.514	112	291527	49.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	117655	48.867	ug/l	98
67) Ethyl Benzene	11.587	91	507350	50.620	ug/l	99
68) m/p-Xylenes	11.703	106	389863	102.327	ug/l	96
69) o-Xylene	12.026	106	194646	51.363	ug/l	97
70) Styrene	12.044	104	343562	51.931	ug/l	96
71) Bromoform	12.203	173	90344	50.322	ug/l #	99
73) Isopropylbenzene	12.325	105	526586	49.846	ug/l	100
74) N-amyl acetate	12.142	43	200485	49.111	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	149961	48.055	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	194800	80.690	ug/l #	100
77) Bromobenzene	12.605	156	128821	49.292	ug/l	94
78) n-propylbenzene	12.666	91	640674	50.631	ug/l	100
79) 2-Chlorotoluene	12.751	91	362692	49.773	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	444721	50.512	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	50354	48.283	ug/l	94
82) 4-Chlorotoluene	12.855	91	377274	49.467	ug/l	99
83) tert-Butylbenzene	13.075	119	402892	50.063	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	443433	50.134	ug/l	98
85) sec-Butylbenzene	13.251	105	597918	50.641	ug/l	100
86) p-Isopropyltoluene	13.367	119	498163	50.666	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	257885	49.284	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	258600	48.879	ug/l	99
89) n-Butylbenzene	13.696	91	476678	50.949	ug/l	97
90) Hexachloroethane	13.959	117	94664	49.326	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	243718	49.456	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29958	47.843	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	160078	49.908	ug/l	99
94) Hexachlorobutadiene	15.111	225	83003	49.665	ug/l	98
95) Naphthalene	15.233	128	424643	49.651	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	147917	49.220	ug/l	99

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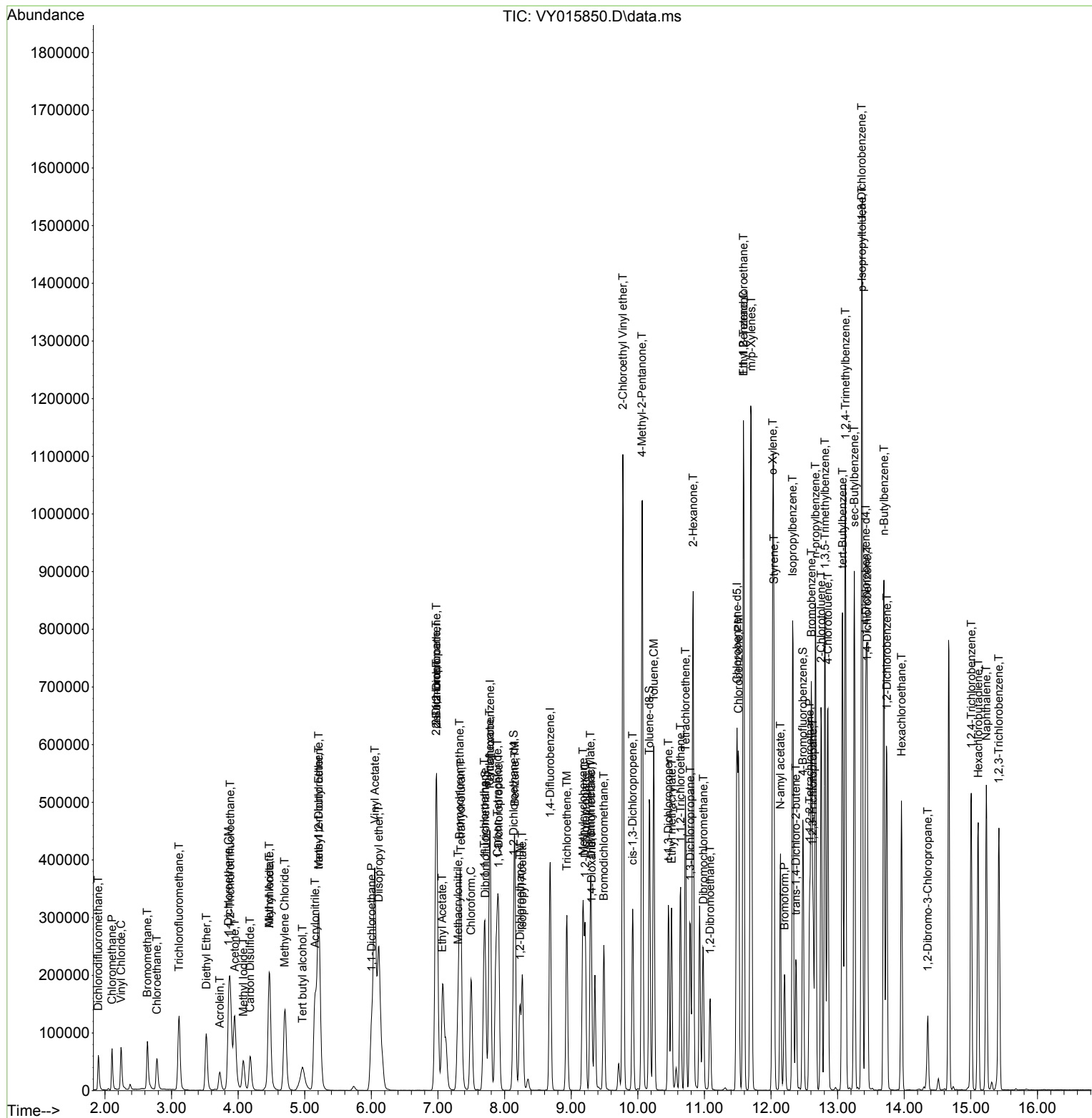
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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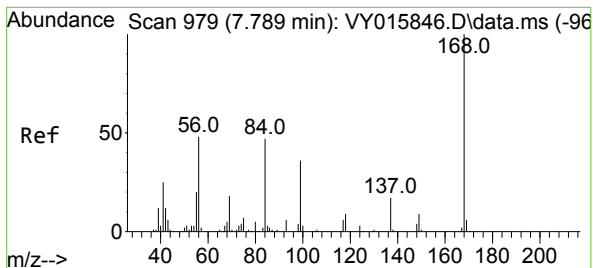
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY015850.D

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Instrument :

MSVOA_Y

ClientSampleId :

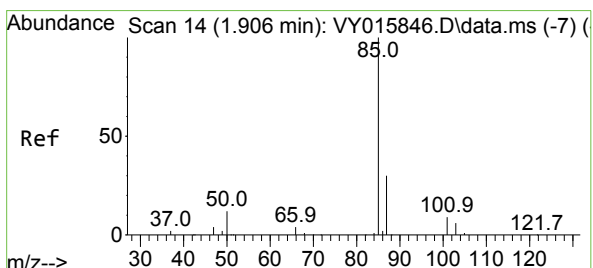
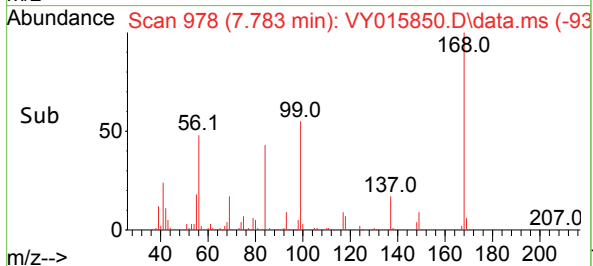
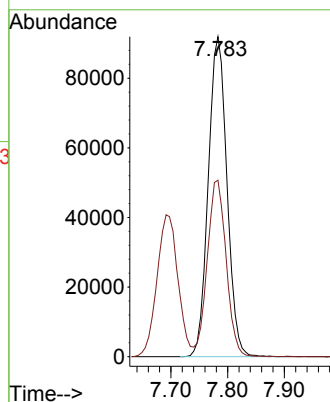
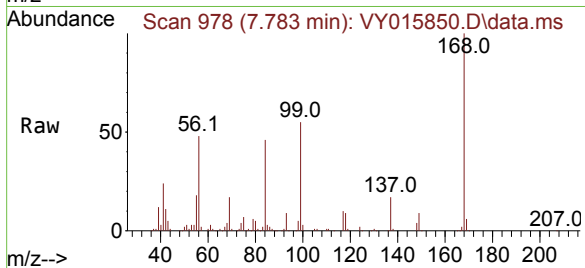
VSTDICCC050

Tgt Ion:168 Resp: 210099

Ion Ratio Lower Upper

168 100

99 55.1 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 54.150 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY015850.D

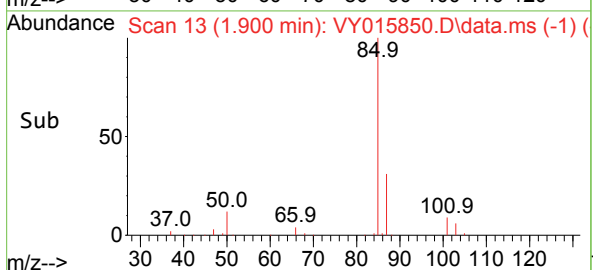
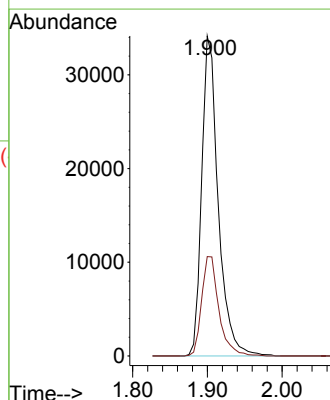
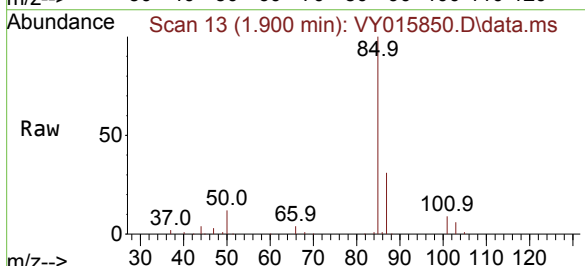
Acq: 05 Oct 2023 15:31

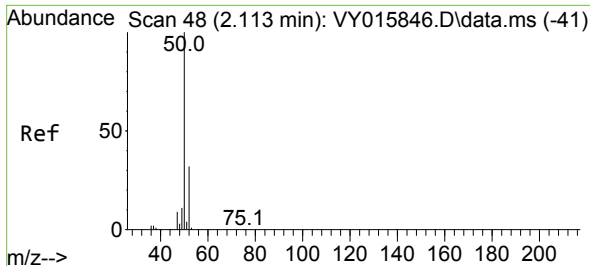
Tgt Ion: 85 Resp: 52320

Ion Ratio Lower Upper

85 100

87 31.1 15.6 46.8

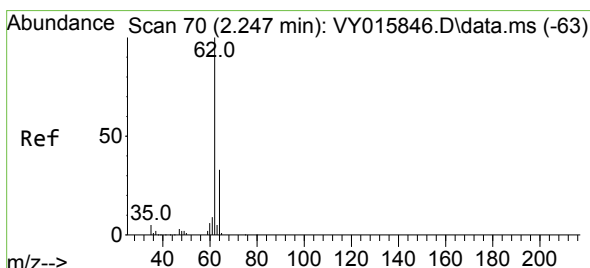
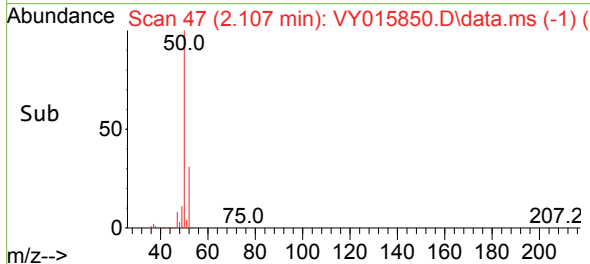
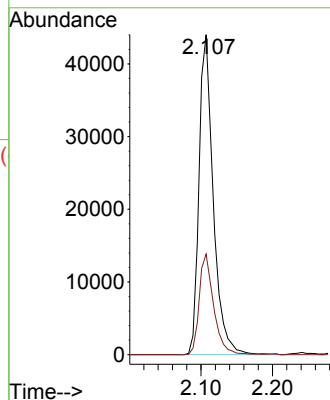
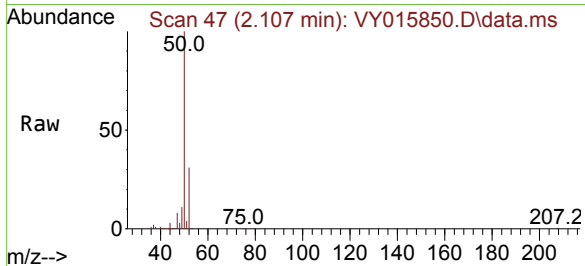




#3
Chloromethane
Concen: 56.570 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

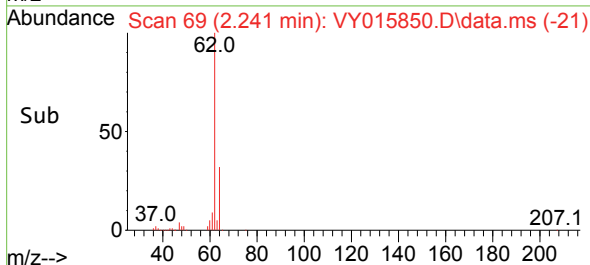
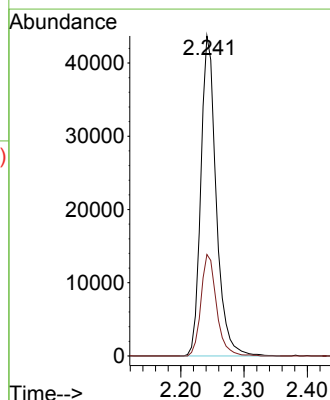
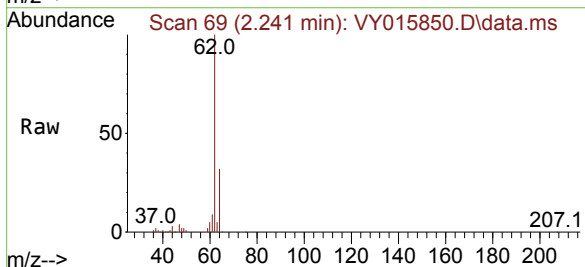
Instrument :
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ClientSampleId :
VSTDICCC050

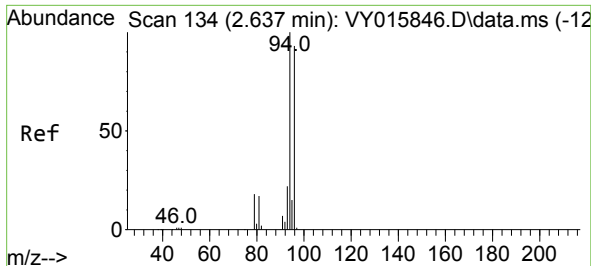
Tgt Ion: 50 Resp: 60742
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.2



#4
Vinyl Chloride
Concen: 54.678 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 62 Resp: 73946
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5





#5

Bromomethane

Concen: 55.095 ug/l

RT: 2.637 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

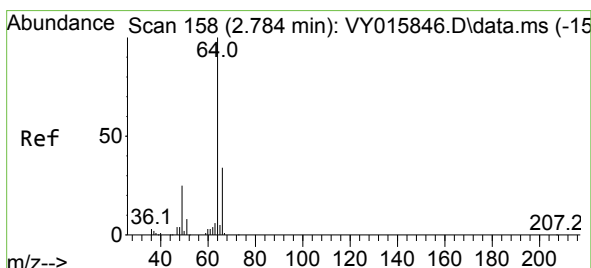
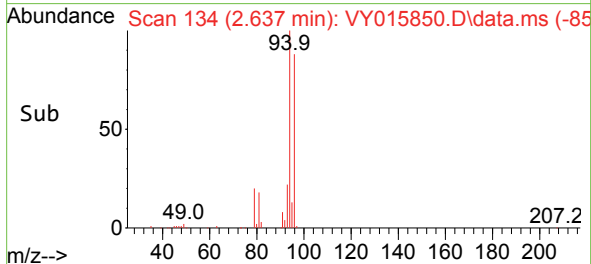
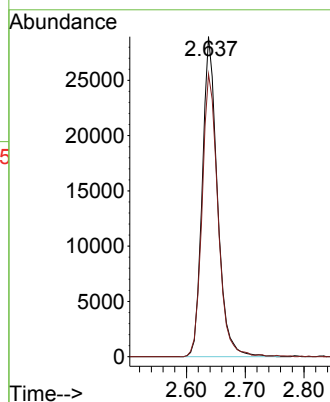
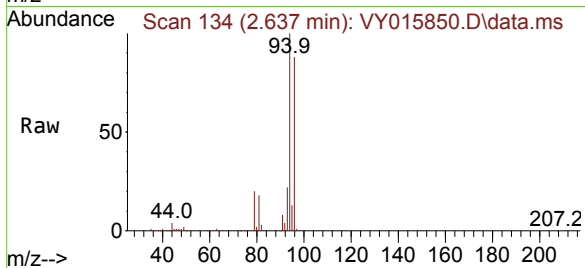
VSTDICCC050

Tgt Ion: 94 Resp: 51931

Ion Ratio Lower Upper

94 100

96 88.3 75.8 113.6



#6

Chloroethane

Concen: 56.183 ug/l

RT: 2.778 min Scan# 157

Delta R.T. -0.006 min

Lab File: VY015850.D

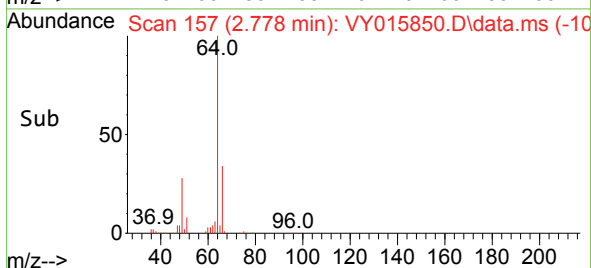
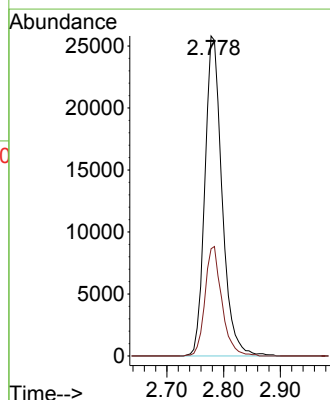
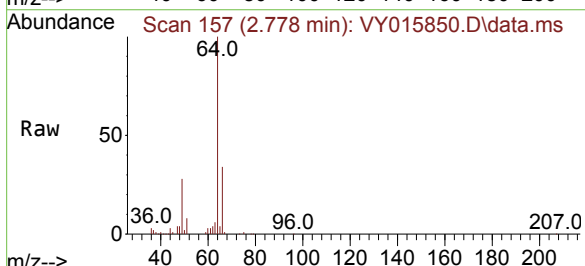
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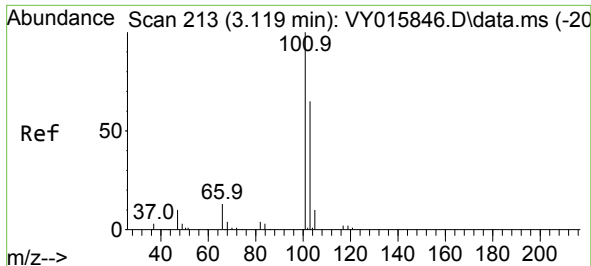
Tgt Ion: 64 Resp: 54272

Ion Ratio Lower Upper

64 100

66 33.5 24.4 36.6

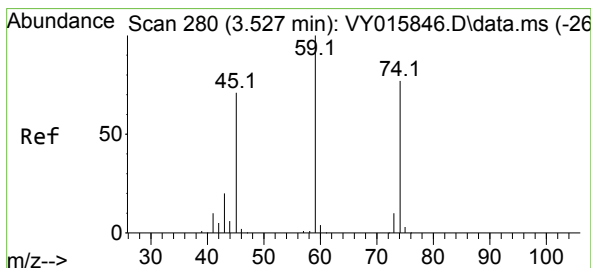
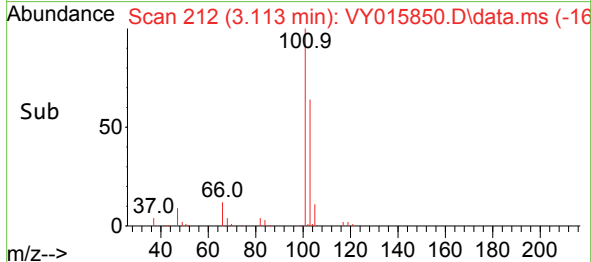
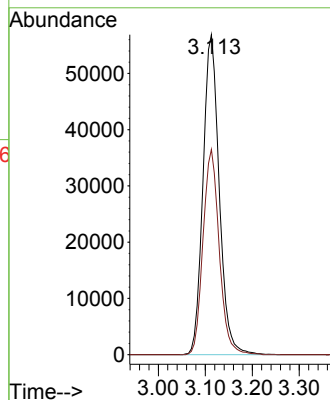
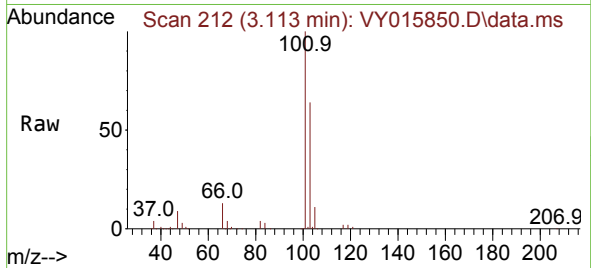




#7
 Trichlorofluoromethane
 Concen: 52.111 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY015850.D
 Acq: 05 Oct 2023 15:31

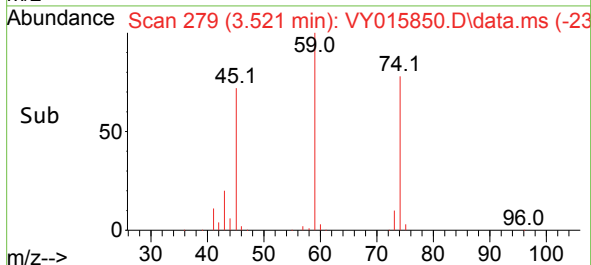
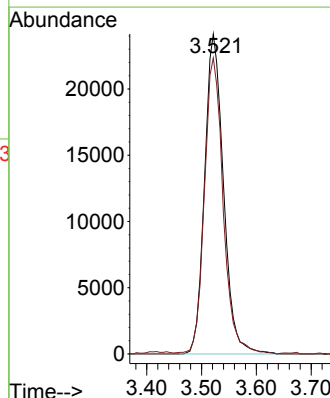
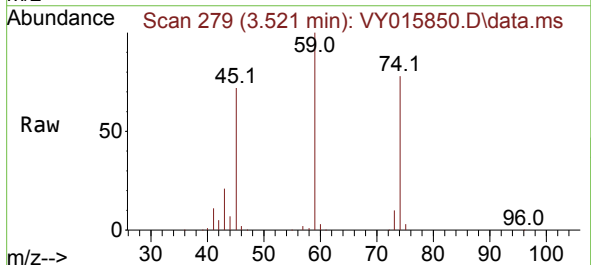
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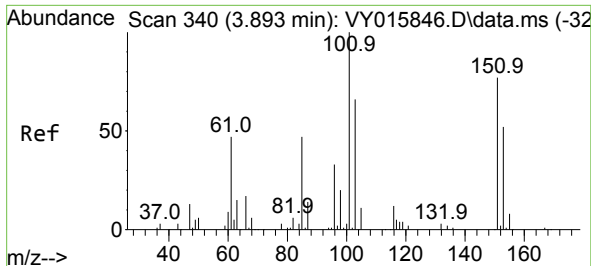
Tgt Ion:101 Resp: 136733
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 50.319 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
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 Acq: 05 Oct 2023 15:31

Tgt Ion: 74 Resp: 57563
 Ion Ratio Lower Upper
 74 100
 45 92.4 51.5 154.5

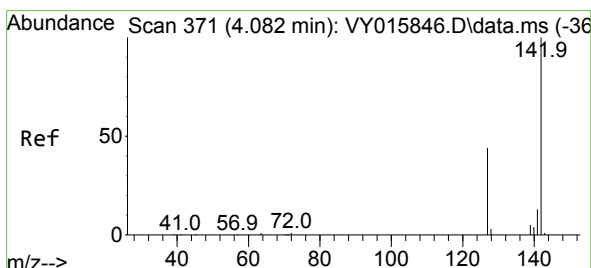
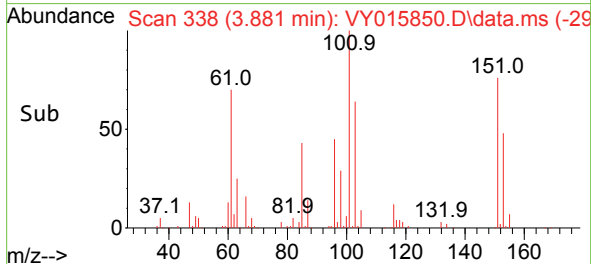
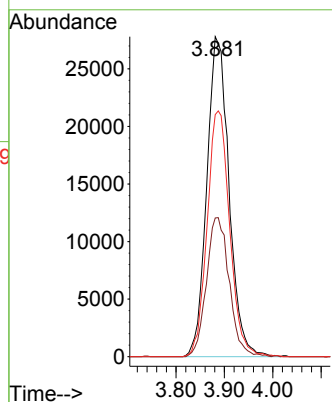
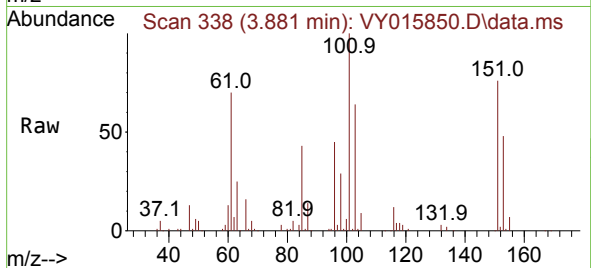




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.855 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

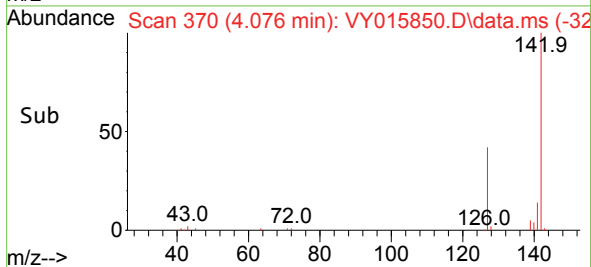
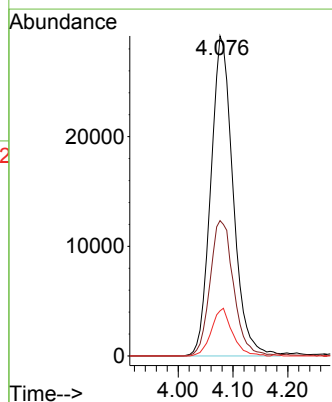
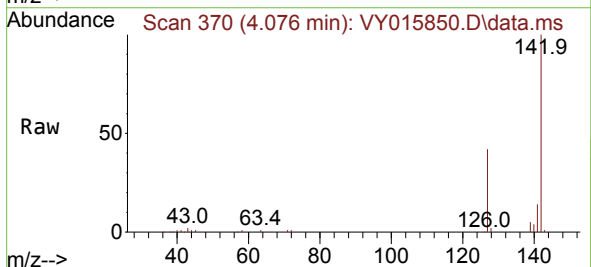
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

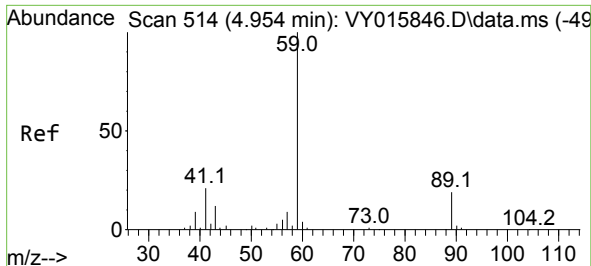
Tgt Ion:101 Resp: 88685
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 78.1 67.0 100.6



#10
Methyl Iodide
Concen: 50.683 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion:142 Resp: 82385
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 14.0 11.8 17.8

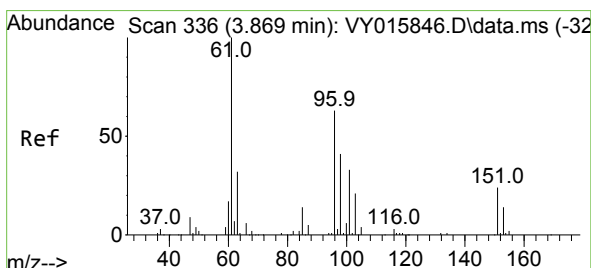
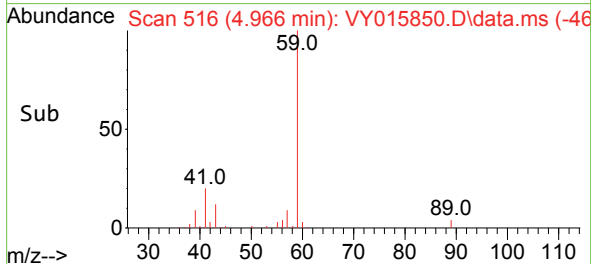
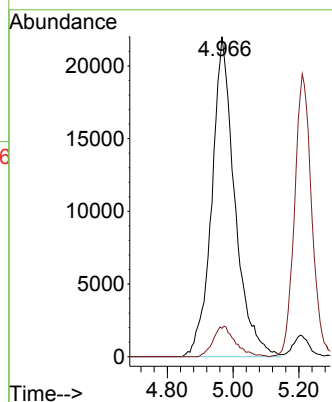
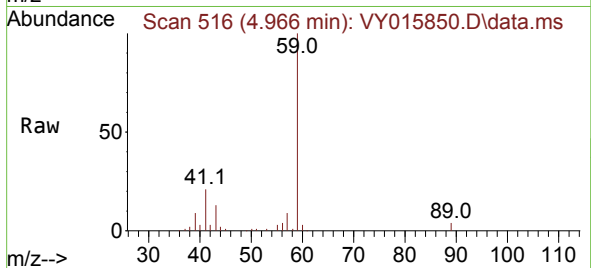




#11
Tert butyl alcohol
Concen: 243.696 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

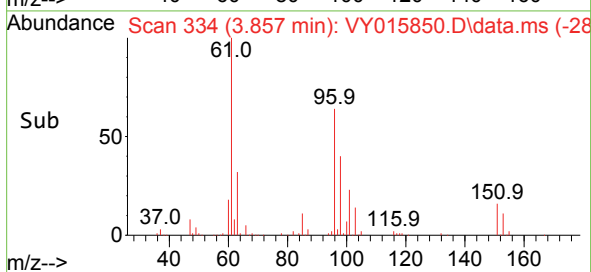
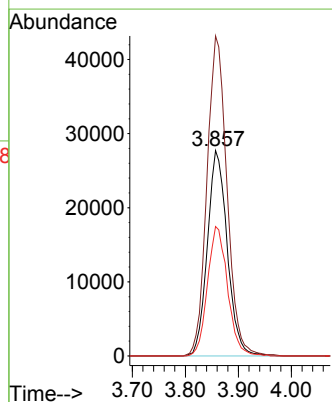
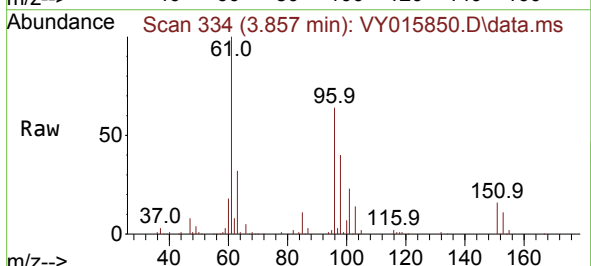
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

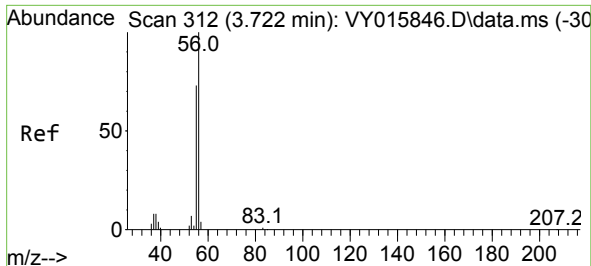
Tgt Ion: 59 Resp: 106990
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 52.924 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.012 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 96 Resp: 72386
Ion Ratio Lower Upper
96 100
61 155.7 136.4 204.6
98 63.0 49.4 74.2

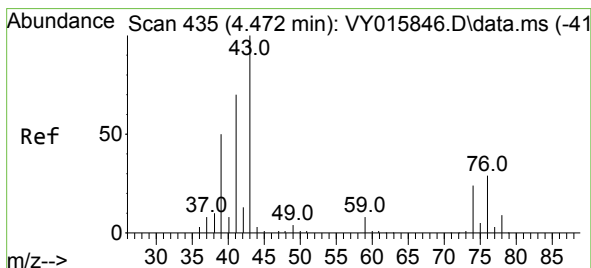
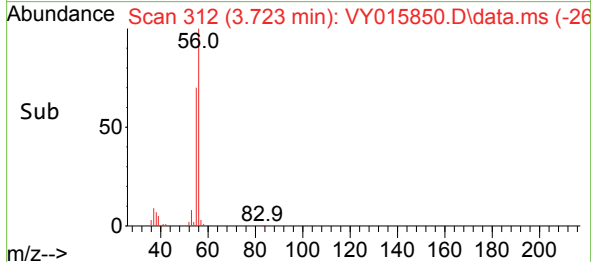
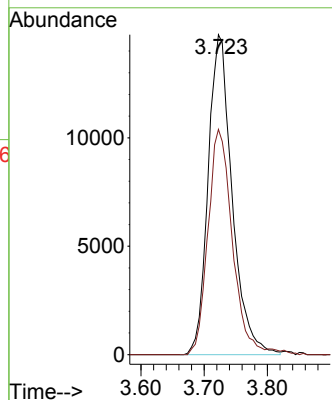
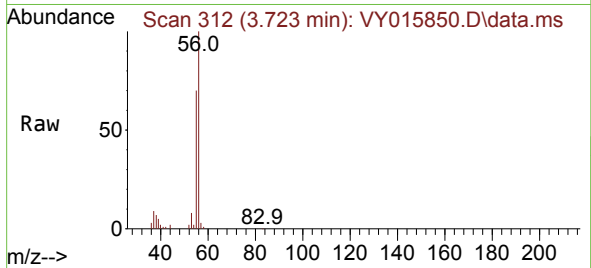




#13
Acrolein
Concen: 243.978 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

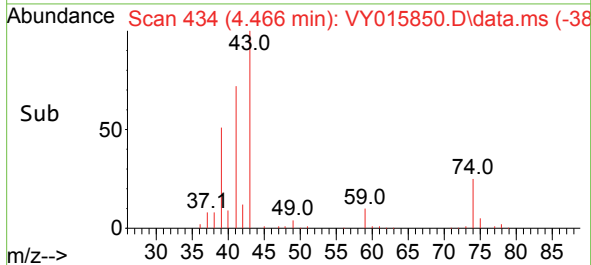
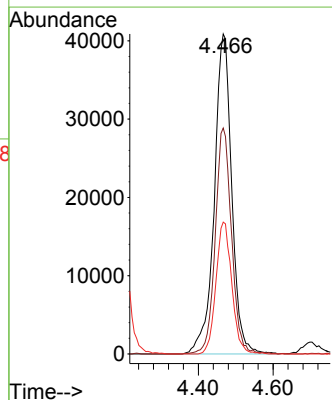
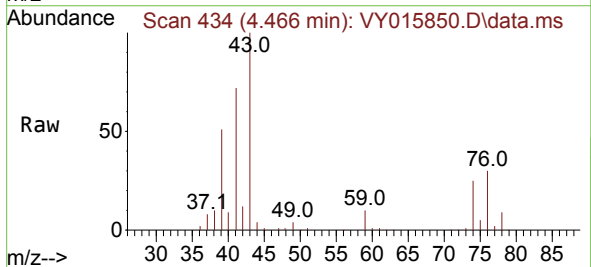
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

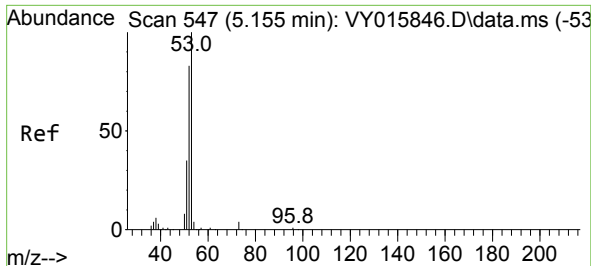
Tgt Ion: 56 Resp: 38907
Ion Ratio Lower Upper
56 100
55 72.1 57.0 85.4



#14
Allyl chloride
Concen: 51.477 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 41 Resp: 132738
Ion Ratio Lower Upper
41 100
39 65.6 58.0 87.0
76 37.5 27.4 41.2

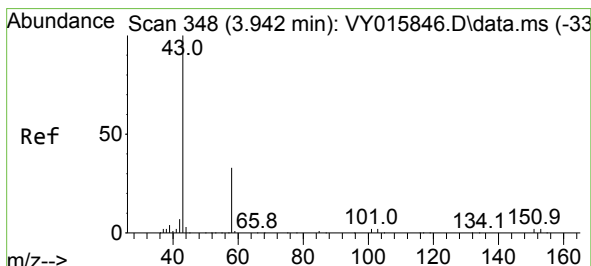
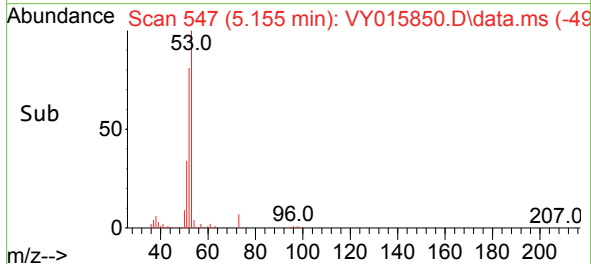
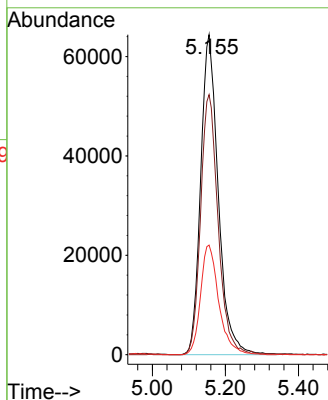
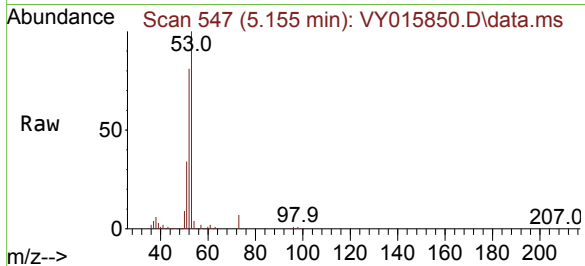




#15
Acrylonitrile
Concen: 241.411 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

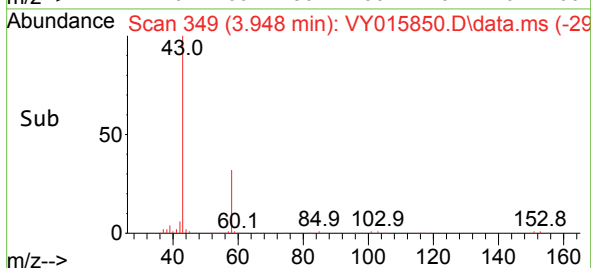
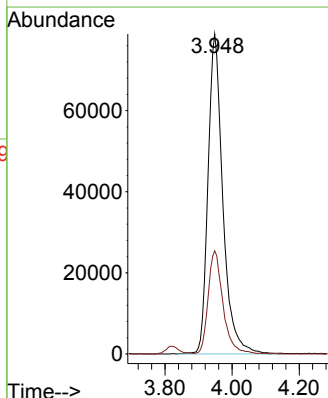
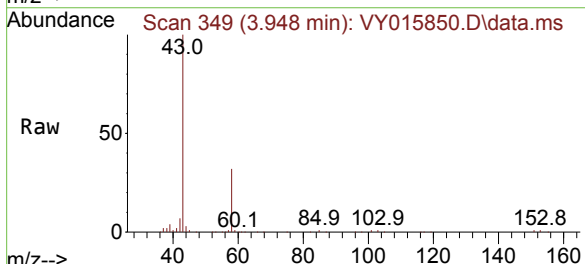
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

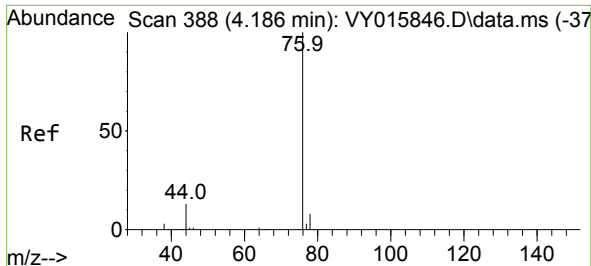
Tgt Ion: 53 Resp: 215425
Ion Ratio Lower Upper
53 100
52 80.9 66.9 100.3
51 35.6 29.8 44.6



#16
Acetone
Concen: 225.538 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 43 Resp: 241530
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1





#17

Carbon Disulfide

Concen: 54.050 ug/l

RT: 4.180 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

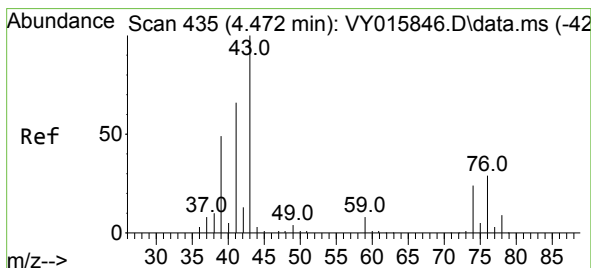
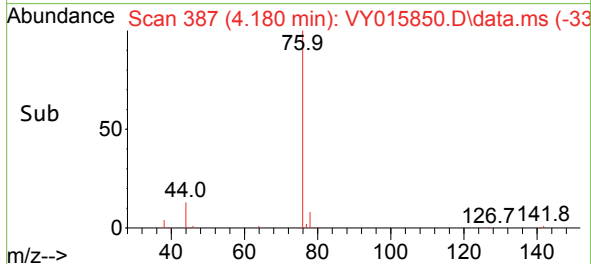
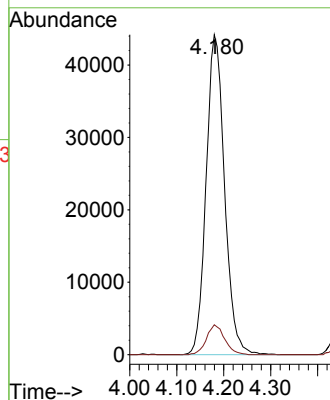
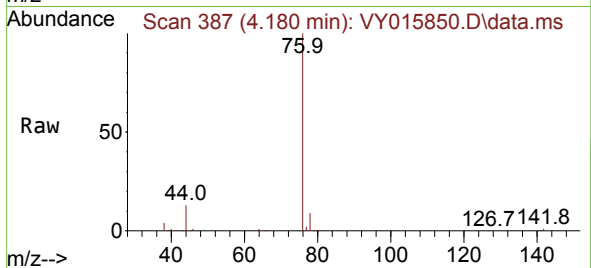
VSTDICCC050

Tgt Ion: 76 Resp: 120072

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



#18

Methyl Acetate

Concen: 50.017 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY015850.D

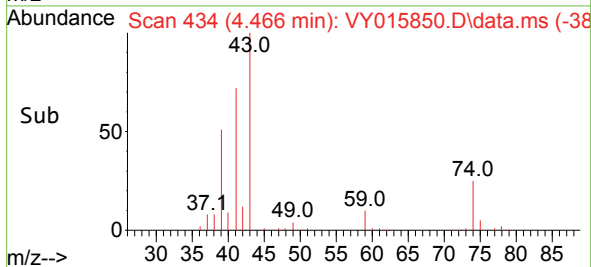
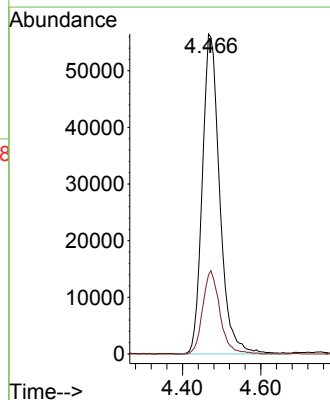
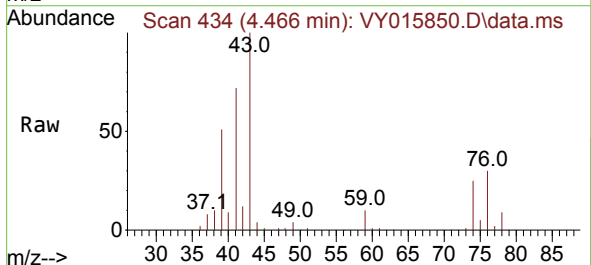
Acq: 05 Oct 2023 15:31

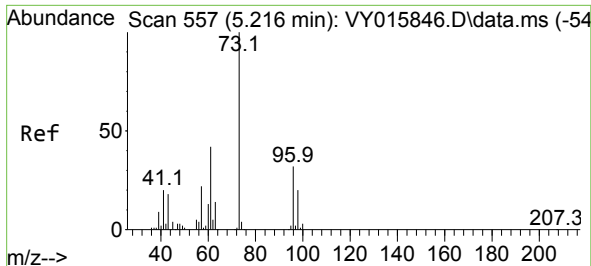
Tgt Ion: 43 Resp: 174325

Ion Ratio Lower Upper

43 100

74 25.7 17.4 26.0

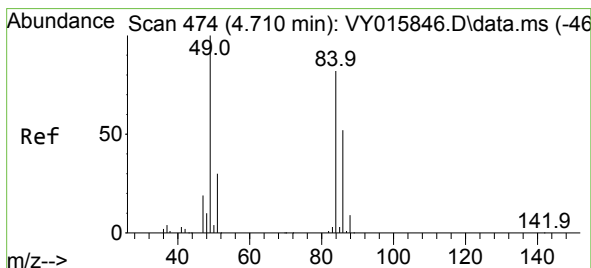
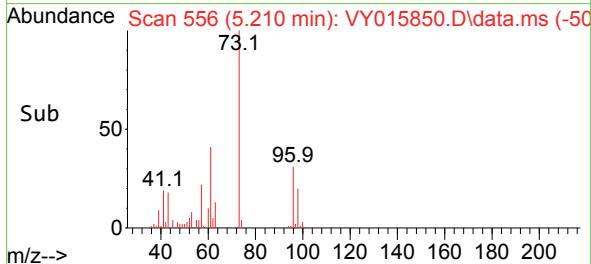
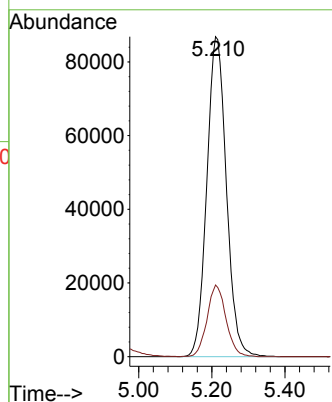
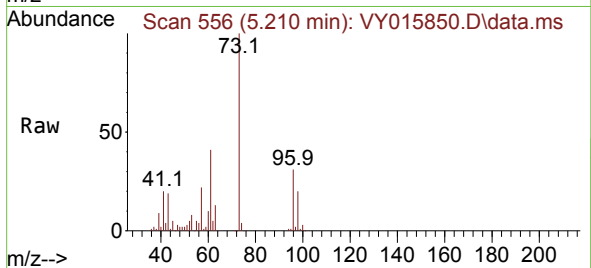




#19
Methyl tert-butyl Ether
Concen: 49.759 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

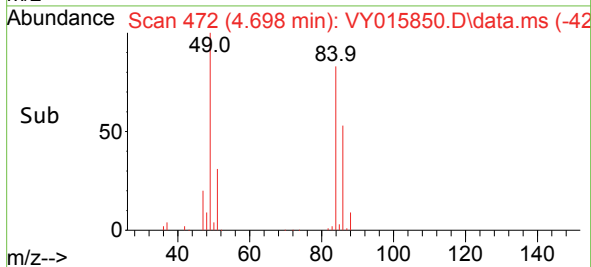
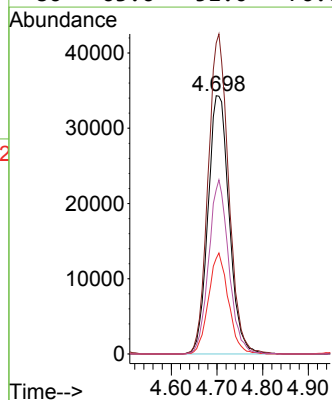
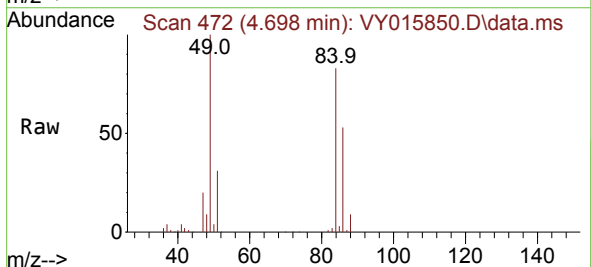
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

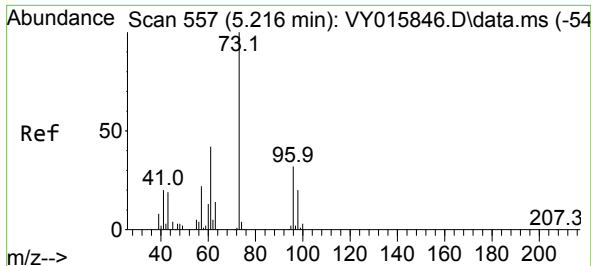
Tgt Ion: 73 Resp: 321683
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 48.119 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 84 Resp: 110524
Ion Ratio Lower Upper
84 100
49 120.3 106.9 160.3
51 37.0 33.2 49.8
86 63.6 51.0 76.6

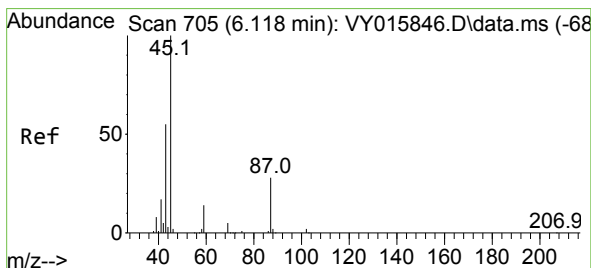
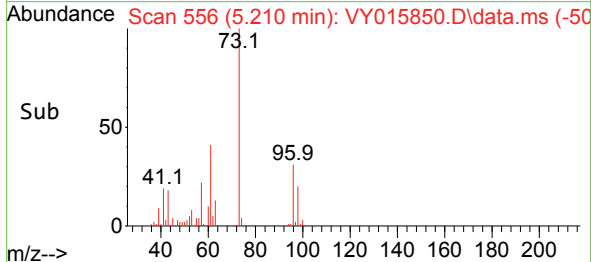
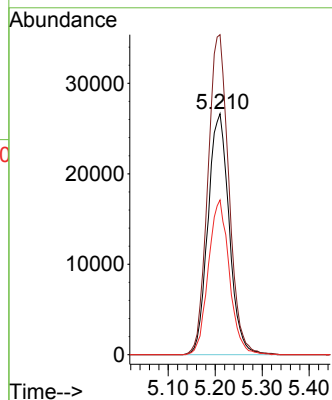
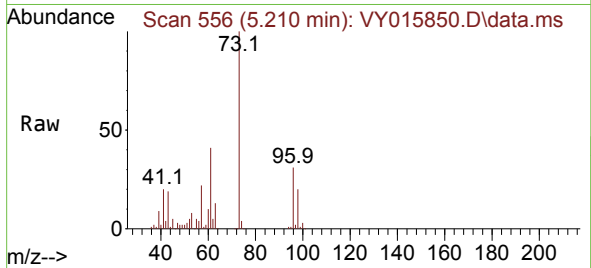




#21
trans-1,2-Dichloroethene
Concen: 52.910 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

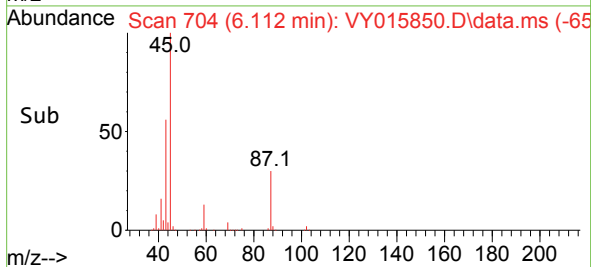
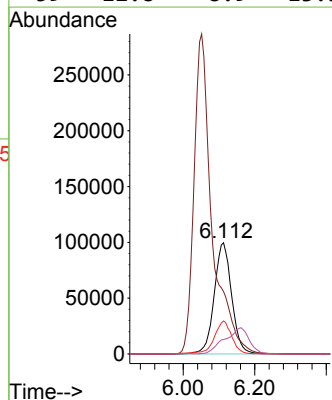
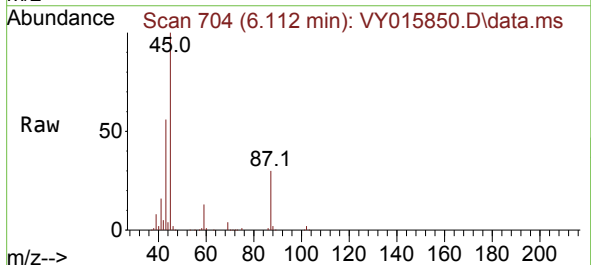
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

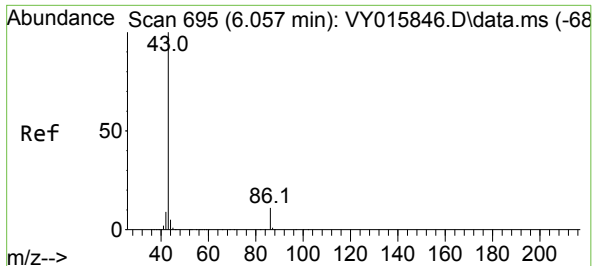
Tgt Ion: 96 Resp: 83360
Ion Ratio Lower Upper
96 100
61 132.8 110.2 165.4
98 64.2 51.8 77.6



#22
Diisopropyl ether
Concen: 50.284 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 45 Resp: 336692
Ion Ratio Lower Upper
45 100
43 55.8 52.2 78.4
87 29.6 21.0 31.6
59 12.8 8.9 13.3

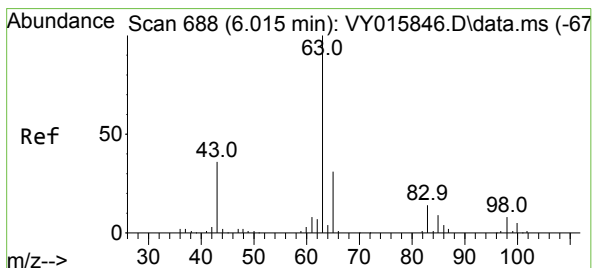
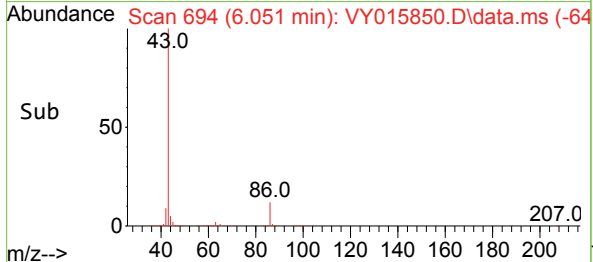
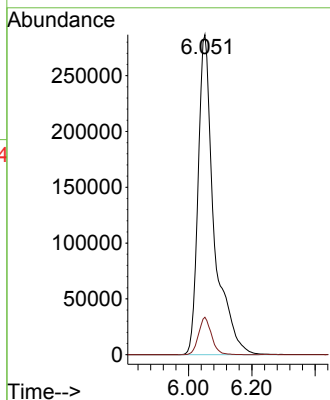
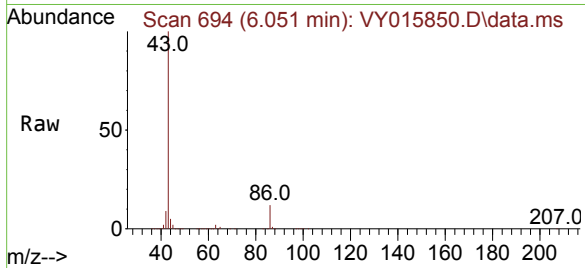




#23
 Vinyl Acetate
 Concen: 248.183 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY015850.D
 Acq: 05 Oct 2023 15:31

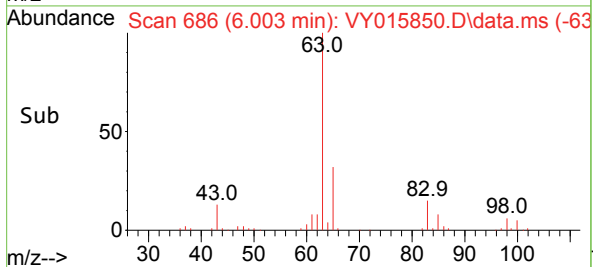
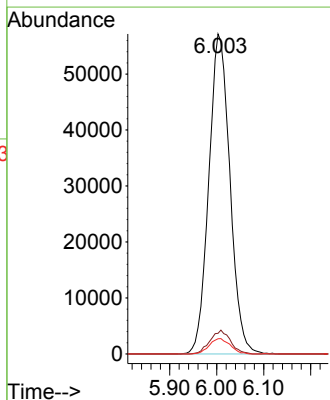
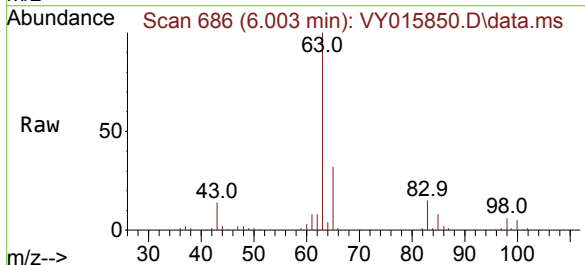
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

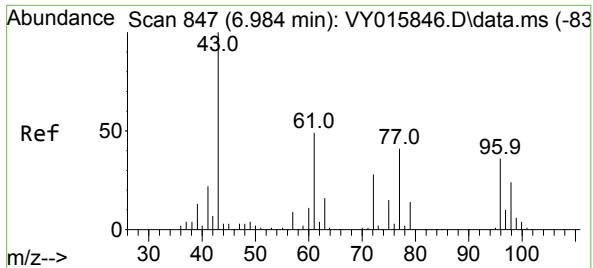
Tgt Ion: 43 Resp: 1005820
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.157 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.012 min
 Lab File: VY015850.D
 Acq: 05 Oct 2023 15:31

Tgt Ion: 63 Resp: 178341
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.7 1.8 5.5

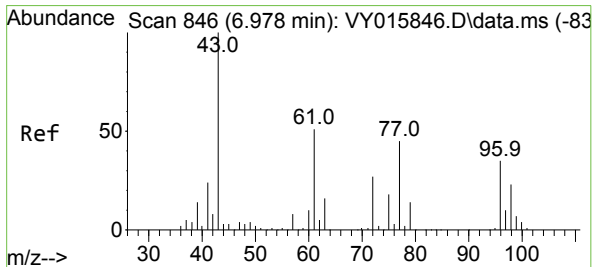
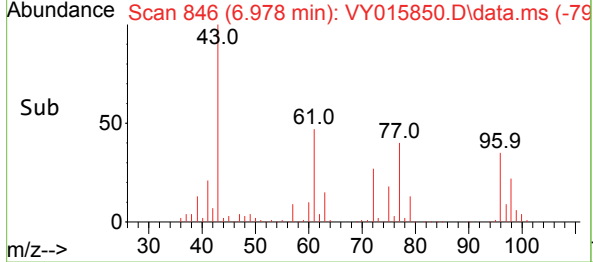
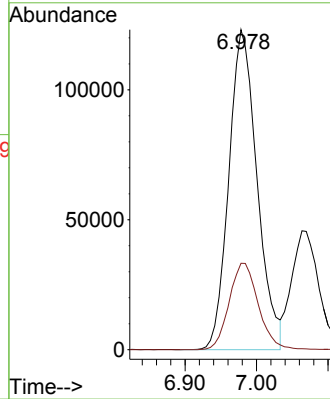
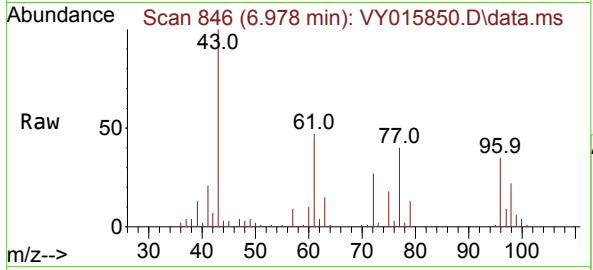




#25
2-Butanone
Concen: 229.365 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

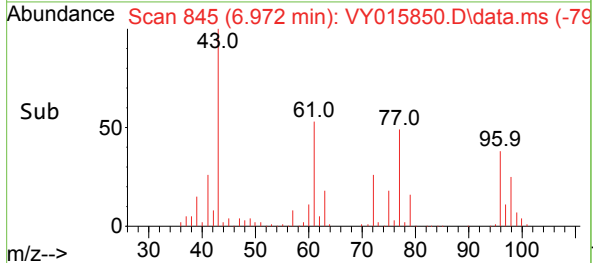
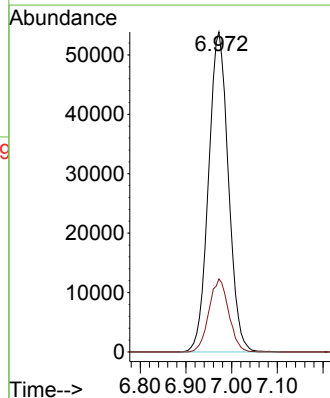
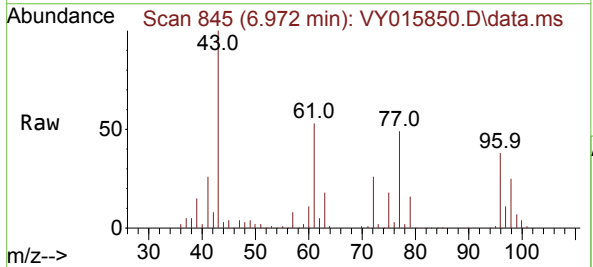
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

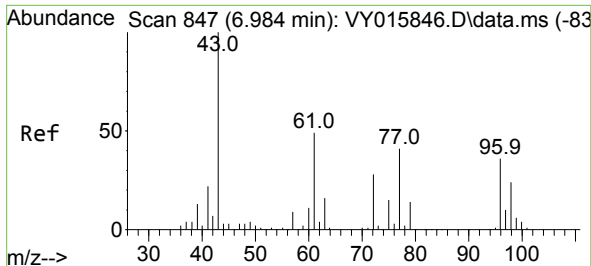
Tgt Ion: 43 Resp: 337872
Ion Ratio Lower Upper
43 100
72 27.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 49.147 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 77 Resp: 162390
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.268 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

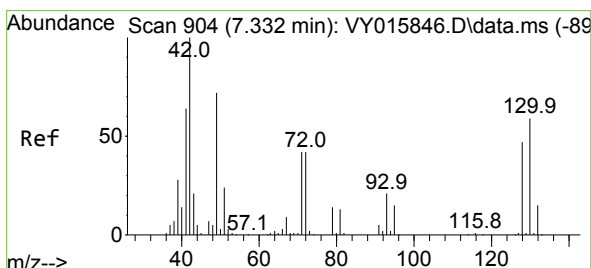
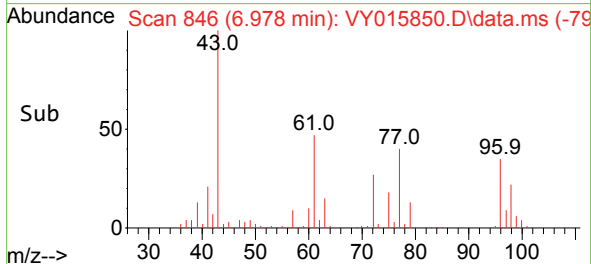
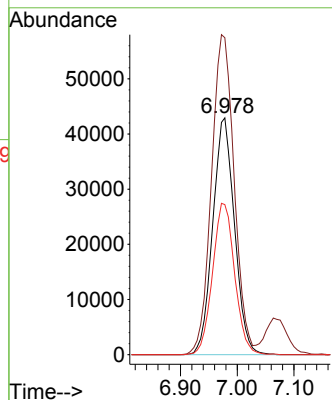
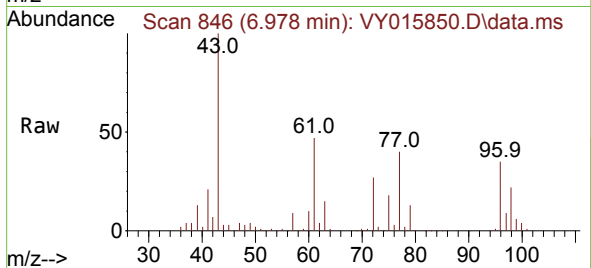
Tgt Ion: 96 Resp: 114484

Ion Ratio Lower Upper

96 100

61 141.1 0.0 301.4

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 51.956 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

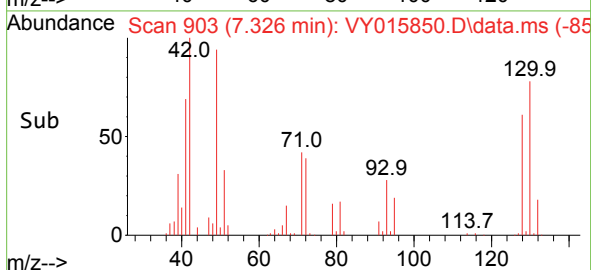
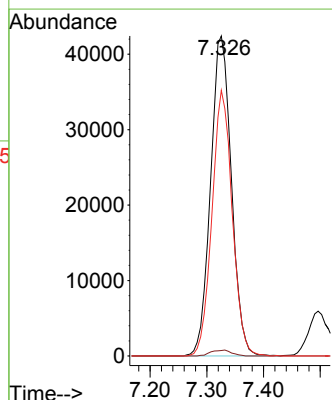
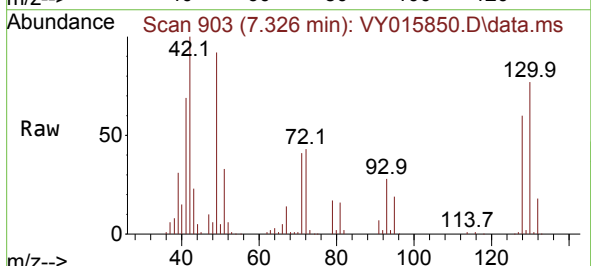
Tgt Ion: 49 Resp: 108036

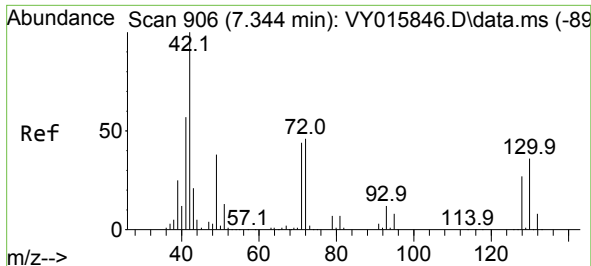
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 80.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 241.069 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

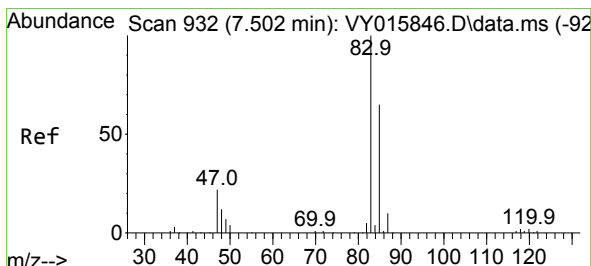
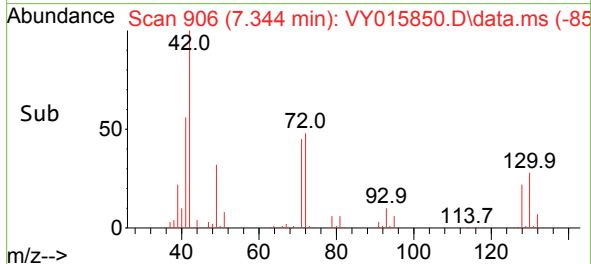
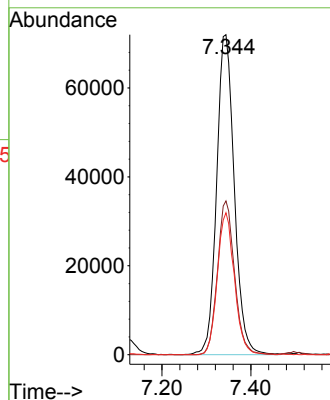
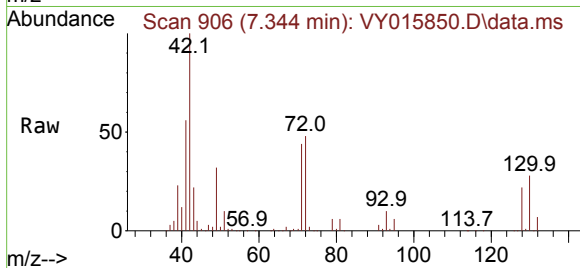
Tgt Ion: 42 Resp: 198149

Ion Ratio Lower Upper

42 100

72 46.6 32.8 49.2

71 42.9 31.0 46.4



#30

Chloroform

Concen: 48.761 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY015850.D

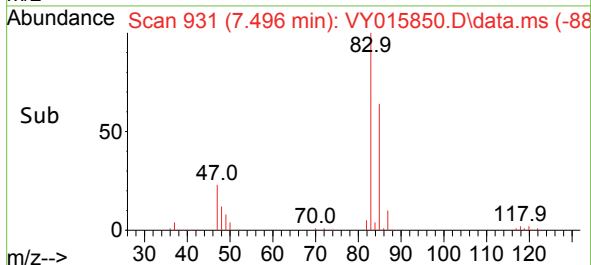
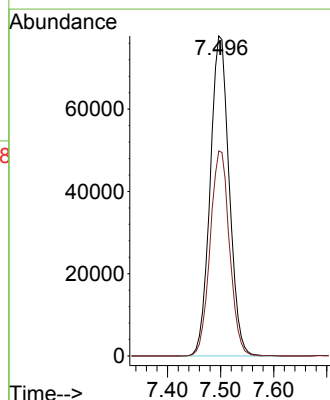
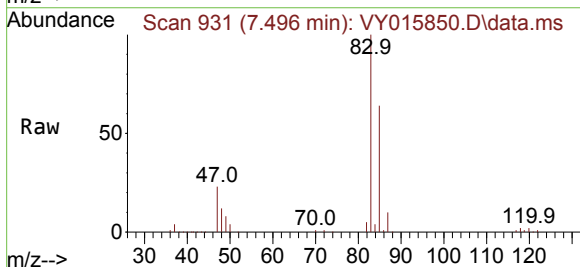
Acq: 05 Oct 2023 15:31

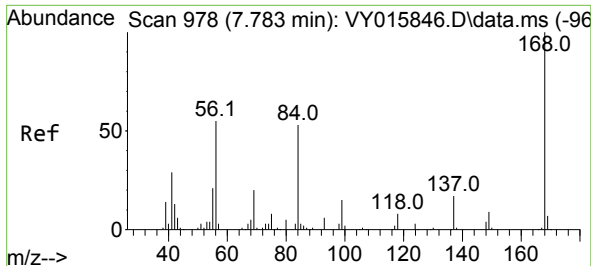
Tgt Ion: 83 Resp: 193951

Ion Ratio Lower Upper

83 100

85 64.1 49.7 74.5

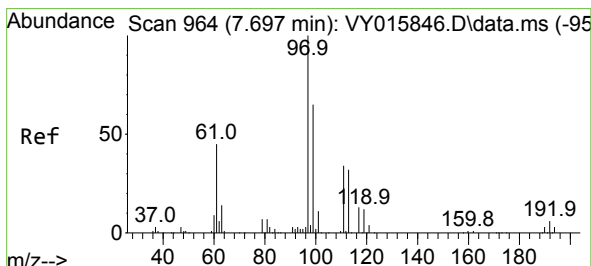
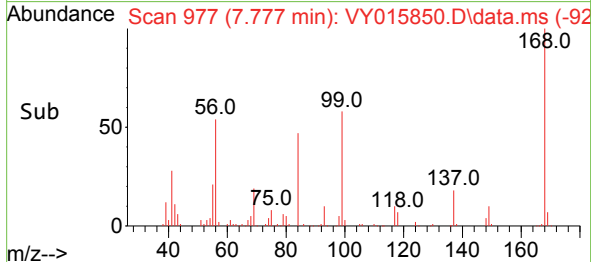
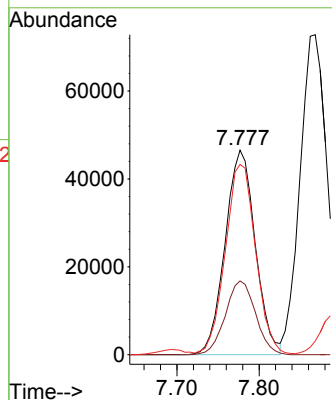
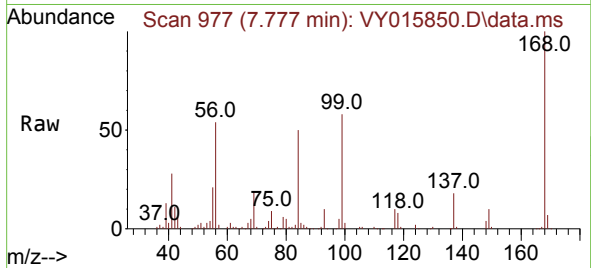




#31
Cyclohexane
Concen: 51.006 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

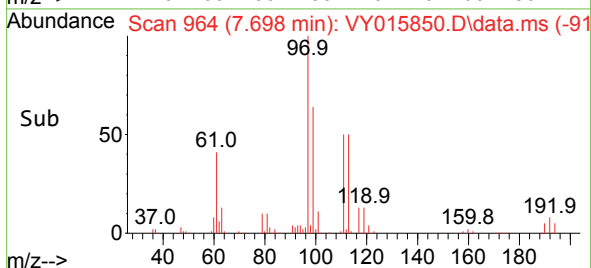
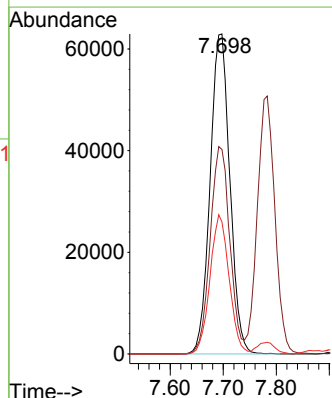
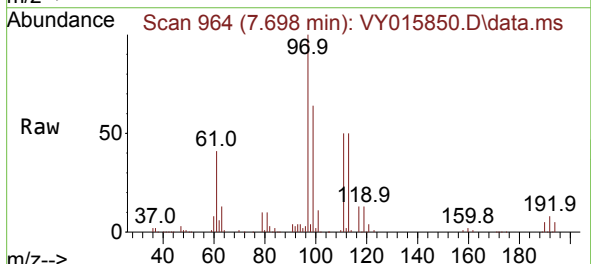
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

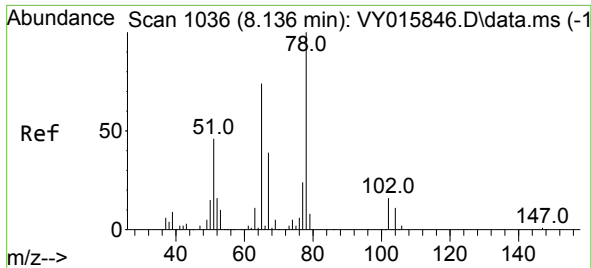
Tgt Ion: 56 Resp: 118841
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.6
84 90.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.018 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 97 Resp: 162642
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 42.2 35.1 52.7

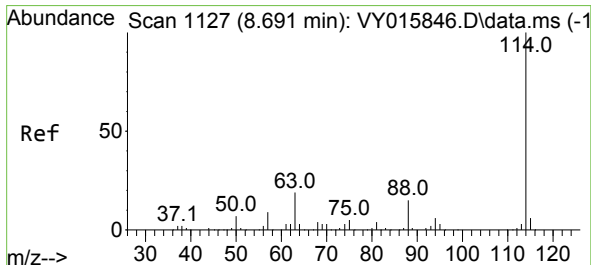
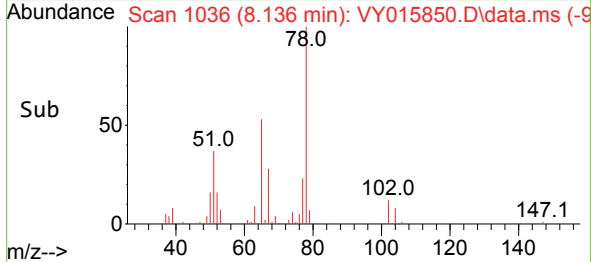
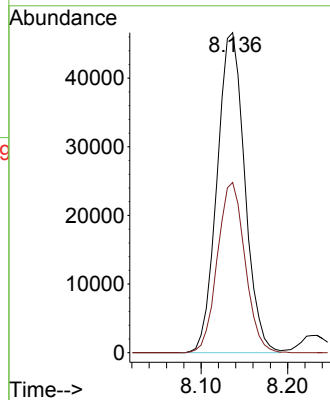
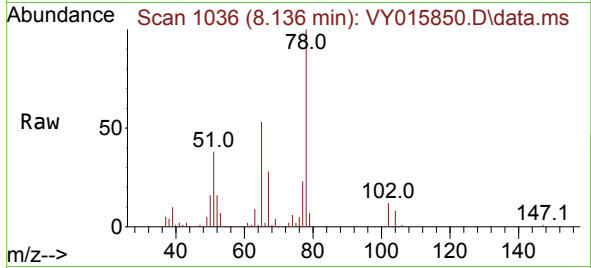




#33
 1,2-Dichloroethane-d4
 Concen: 50.107 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015850.D
 Acq: 05 Oct 2023 15:31

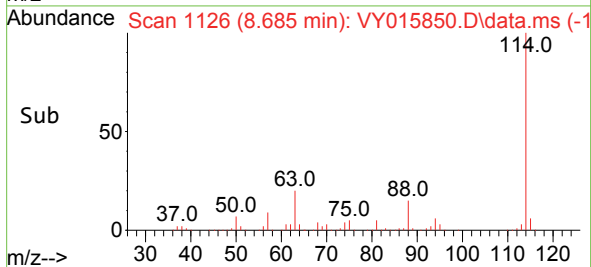
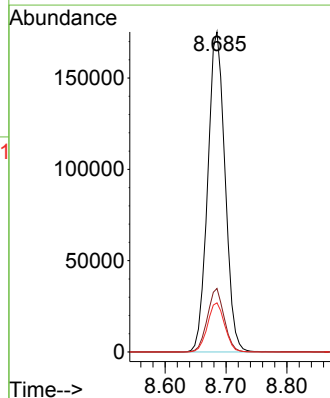
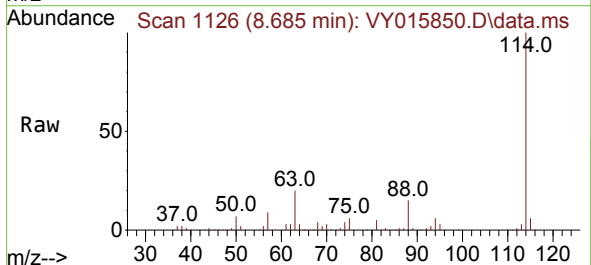
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

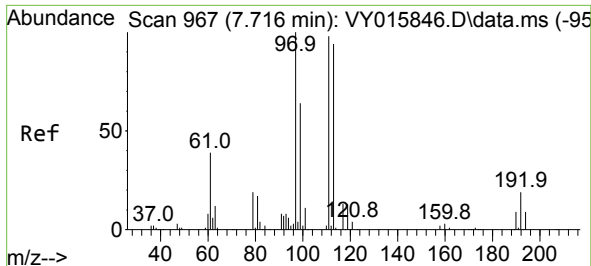
Tgt Ion: 65 Resp: 103572
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY015850.D
 Acq: 05 Oct 2023 15:31

Tgt Ion: 114 Resp: 345653
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 15.4 0.0 30.6

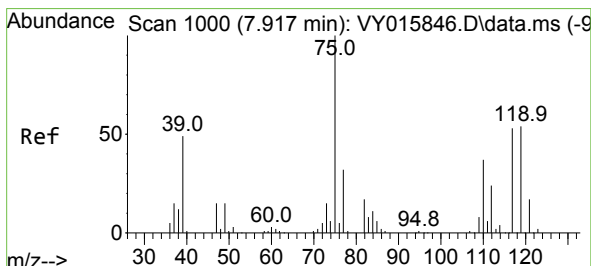
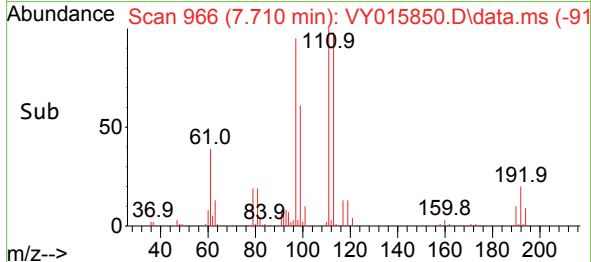
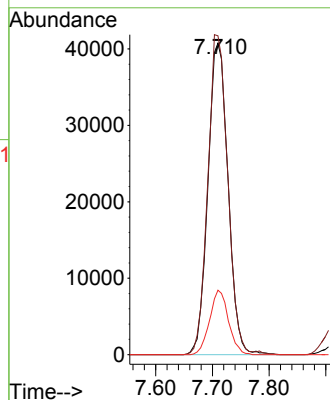
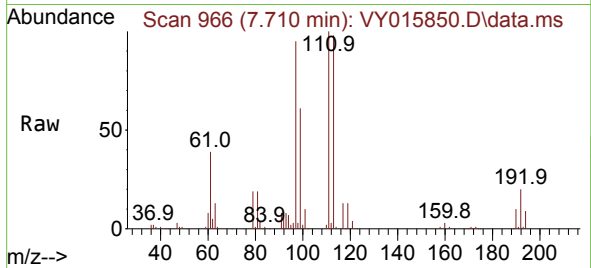




#35
Dibromofluoromethane
Concen: 51.005 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

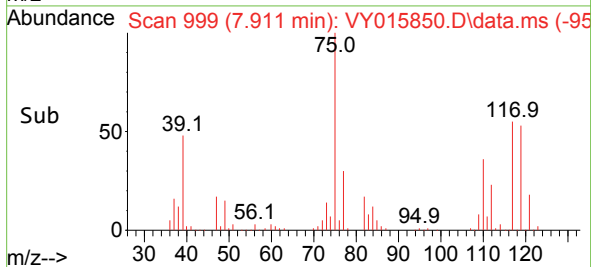
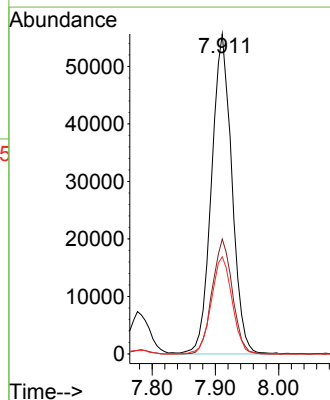
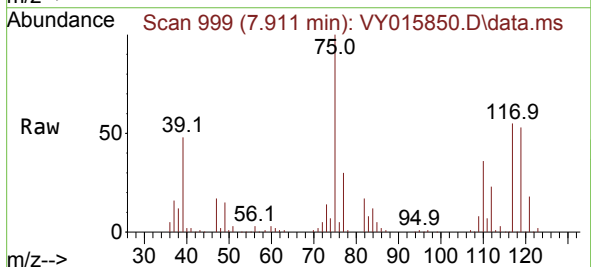
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

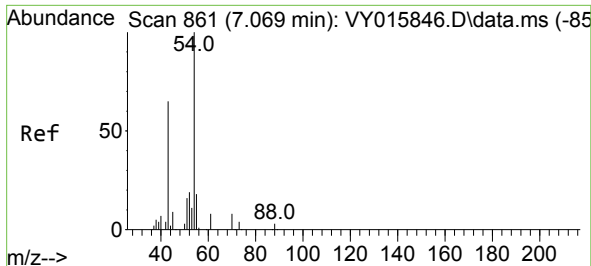
Tgt Ion:113 Resp: 100491
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 52.738 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 75 Resp: 123963
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 47.249 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

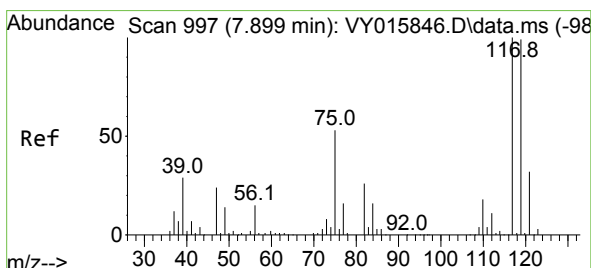
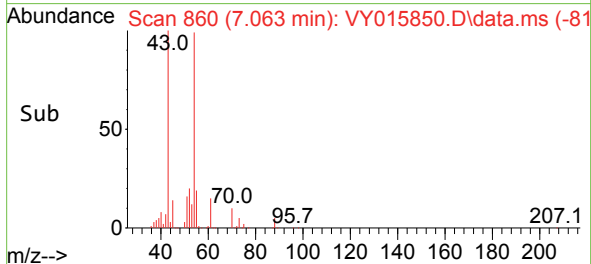
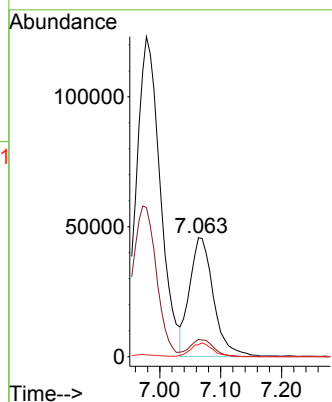
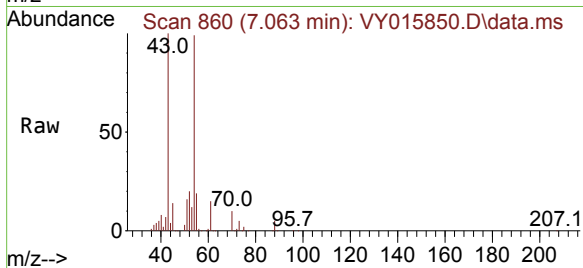
Tgt Ion: 43 Resp: 124284

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 51.255 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

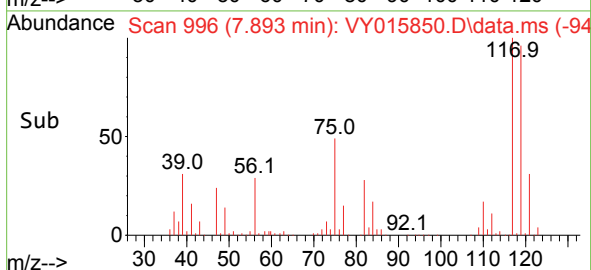
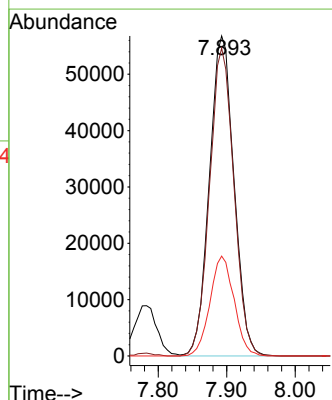
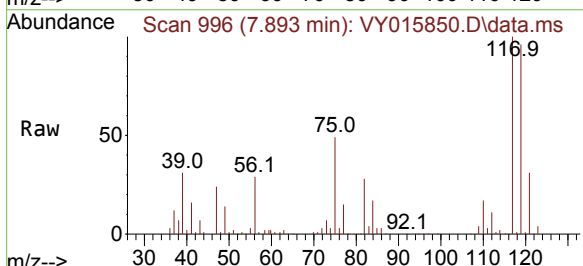
Tgt Ion: 117 Resp: 141659

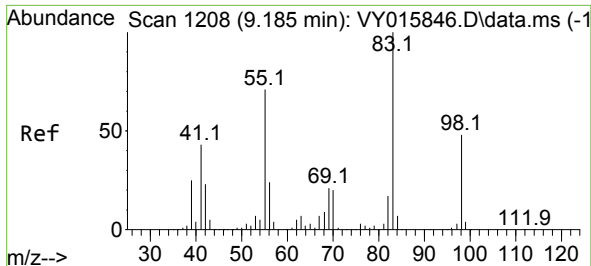
Ion Ratio Lower Upper

117 100

119 96.2 76.4 114.6

121 31.2 25.8 38.6





#39

Methylcyclohexane

Concen: 54.781 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

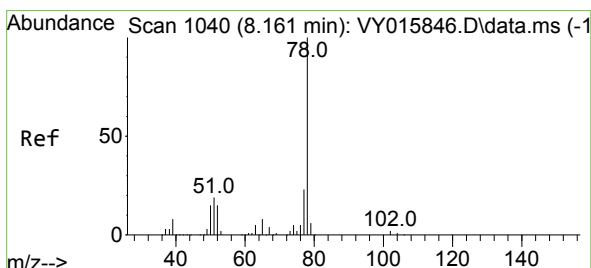
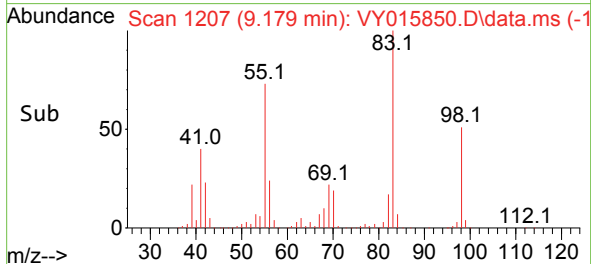
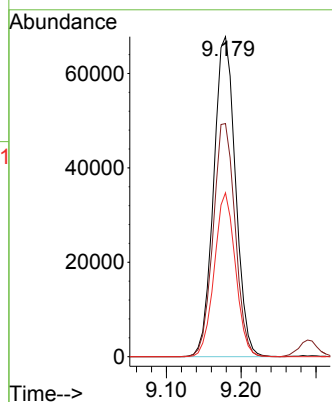
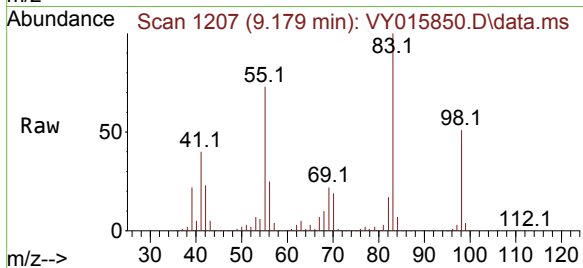
Tgt Ion: 83 Resp: 137712

Ion Ratio Lower Upper

83 100

55 72.9 63.0 94.4

98 51.2 37.4 56.2



#40

Benzene

Concen: 51.618 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY015850.D

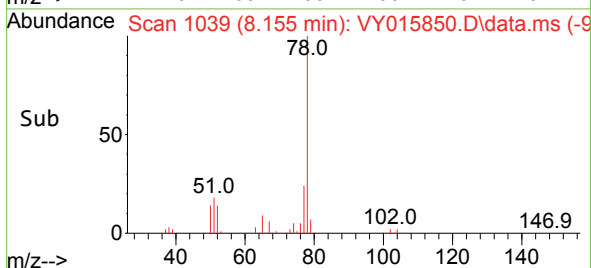
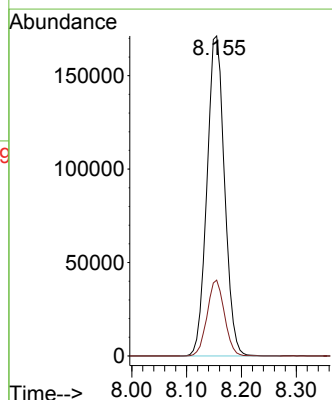
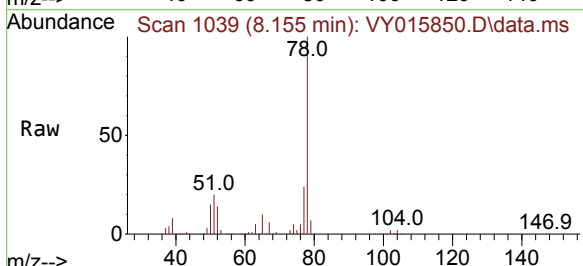
Acq: 05 Oct 2023 15:31

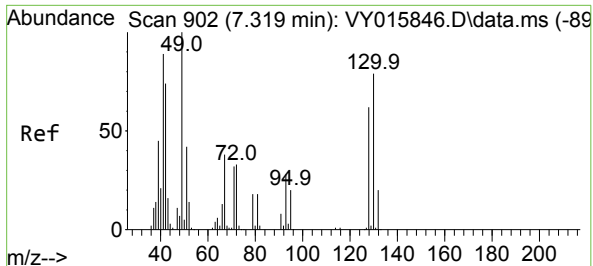
Tgt Ion: 78 Resp: 380717

Ion Ratio Lower Upper

78 100

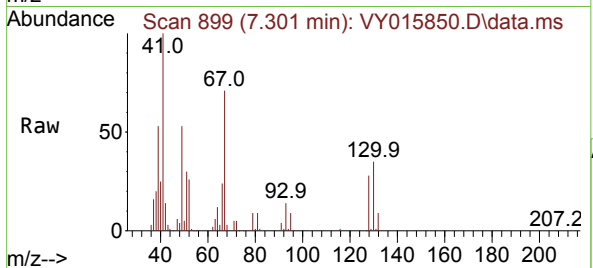
77 23.7 19.0 28.6



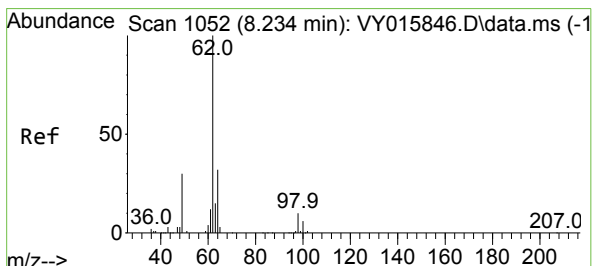
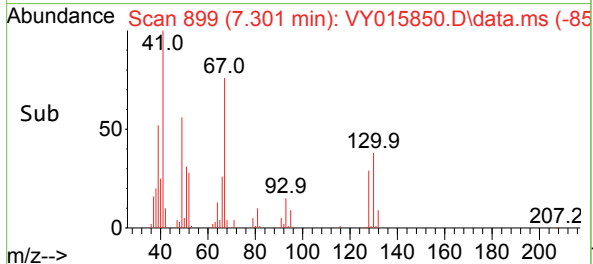
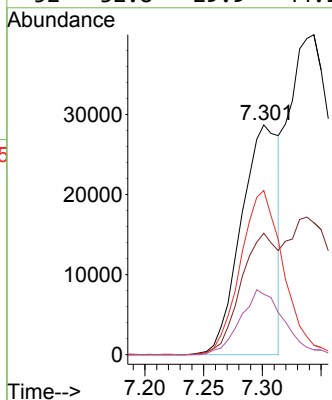


#41
Methacrylonitrile
Concen: 51.917 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.018 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

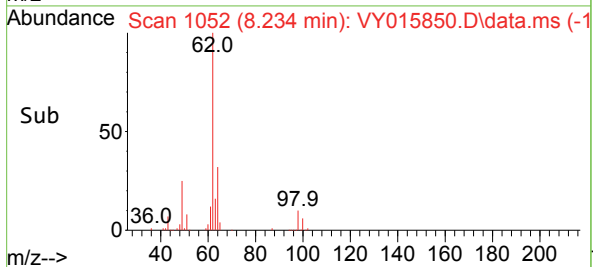
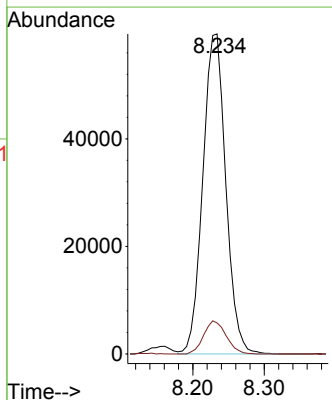
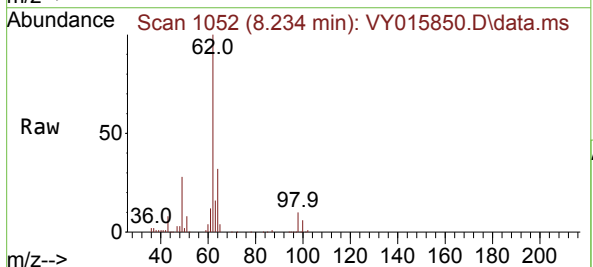


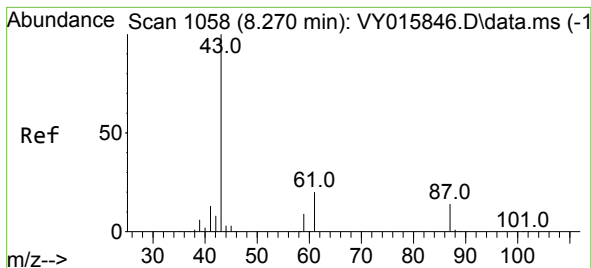
Tgt Ion: 41 Resp: 63824
Ion Ratio Lower Upper
41 100
39 52.0 52.1 78.1#
67 82.3 66.2 99.2
52 32.8 29.9 44.9



#42
1,2-Dichloroethane
Concen: 50.005 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 62 Resp: 132796
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8





#43

Isopropyl Acetate

Concen: 48.612 ug/l

RT: 8.264 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

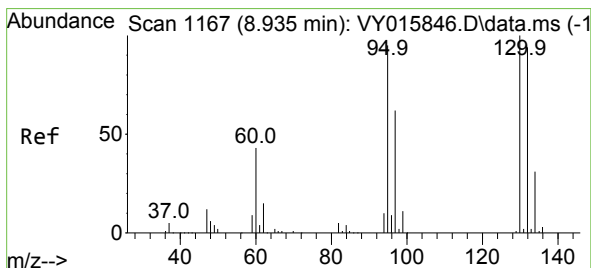
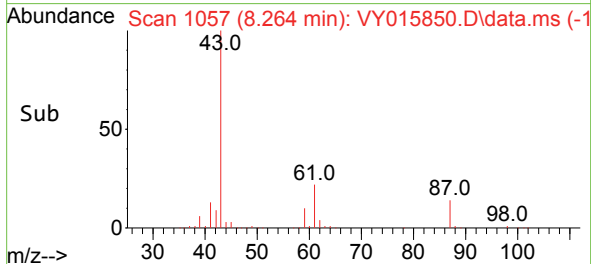
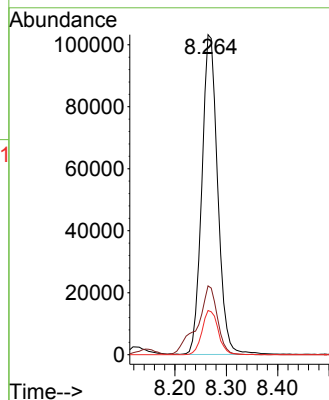
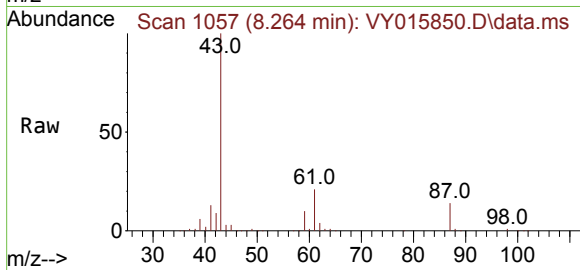
Tgt Ion: 43 Resp: 220091

Ion Ratio Lower Upper

43 100

61 27.2 21.1 31.7

87 14.2 9.8 14.8



#44

Trichloroethene

Concen: 50.552 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY015850.D

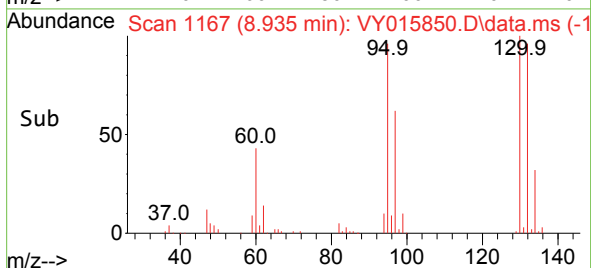
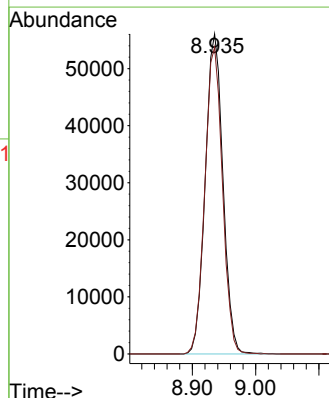
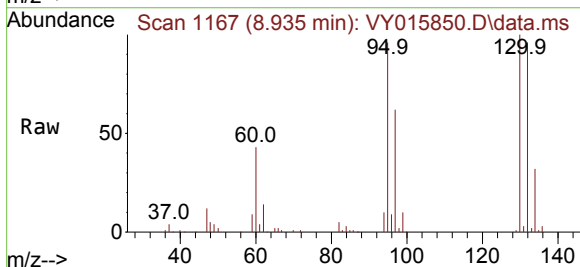
Acq: 05 Oct 2023 15:31

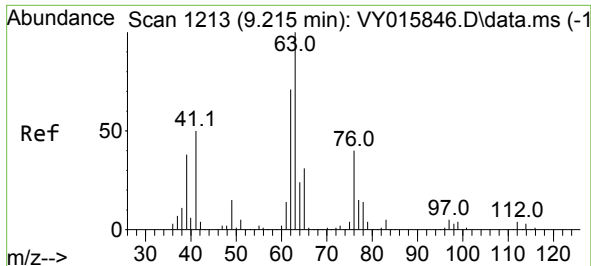
Tgt Ion:130 Resp: 109122

Ion Ratio Lower Upper

130 100

95 95.9 0.0 196.0

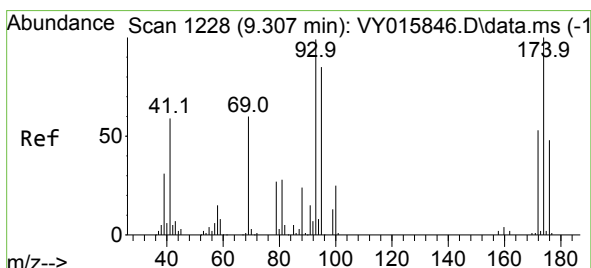
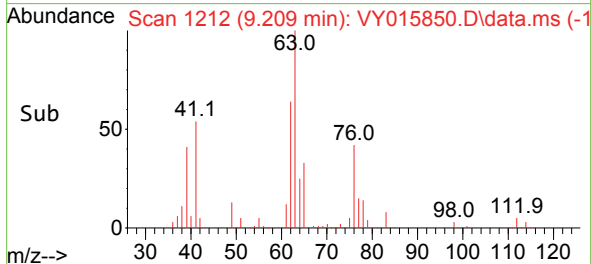
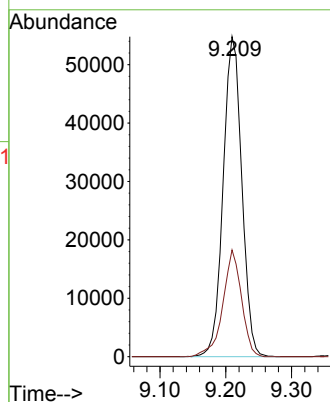
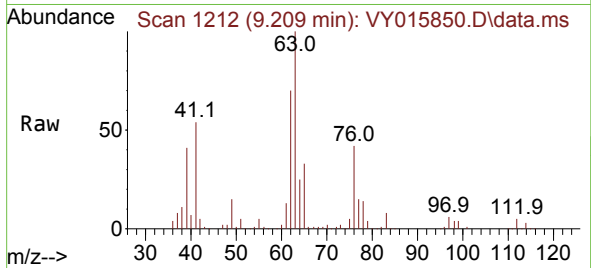




#45
1,2-Dichloropropane
Concen: 49.546 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

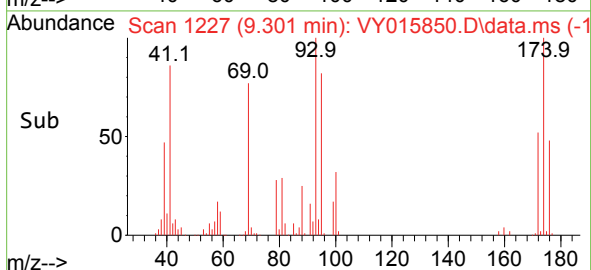
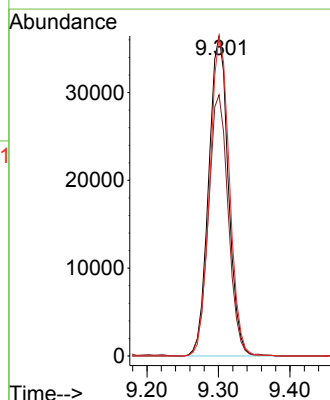
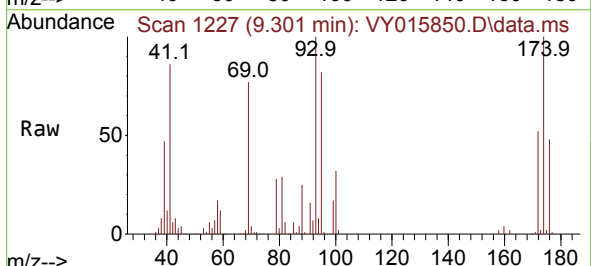
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

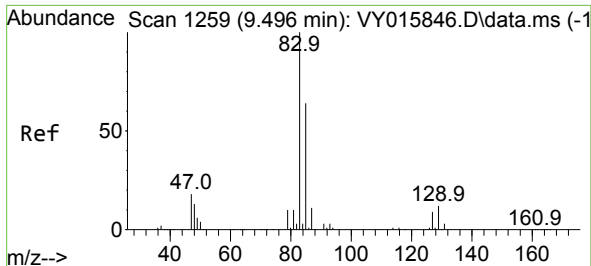
Tgt Ion: 63 Resp: 108090
Ion Ratio Lower Upper
63 100
65 33.3 23.8 35.6



#46
Dibromomethane
Concen: 49.911 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 93 Resp: 69613
Ion Ratio Lower Upper
93 100
95 82.0 66.6 100.0
174 99.7 84.8 127.2

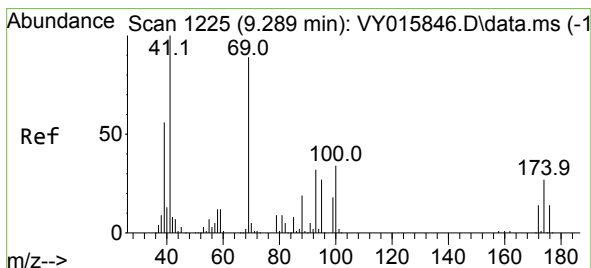
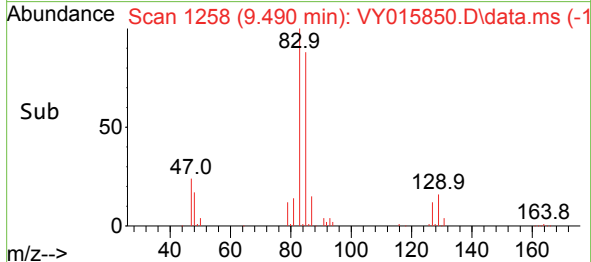
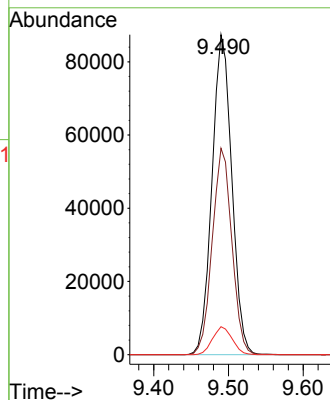
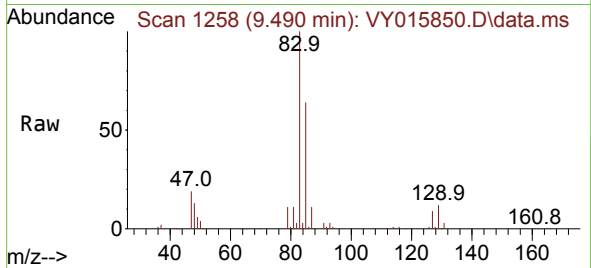




#47
Bromodichloromethane
Concen: 49.596 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

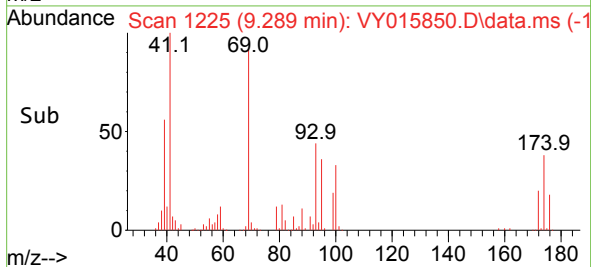
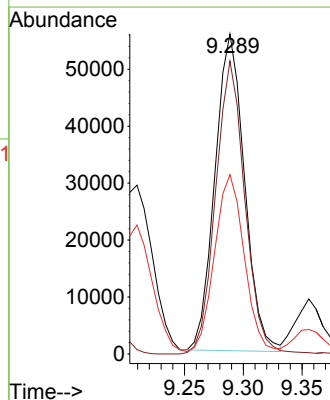
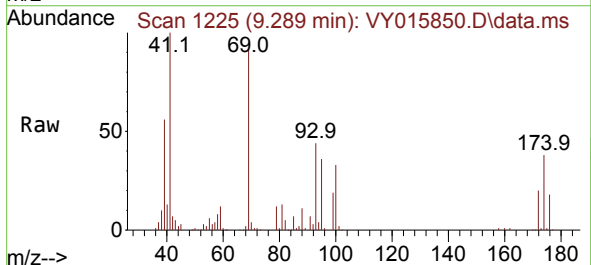
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

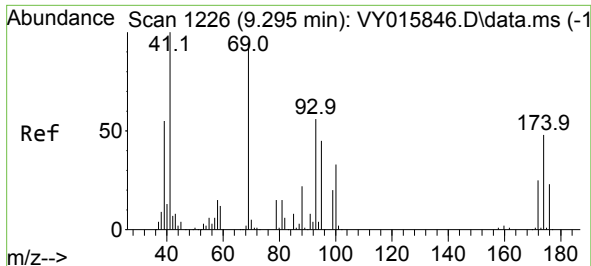
Tgt Ion: 83 Resp: 160566
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 49.242 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 41 Resp: 97370
Ion Ratio Lower Upper
41 100
69 91.4 64.5 96.7
39 57.4 50.8 76.2

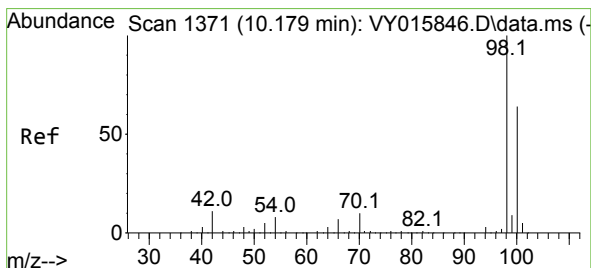
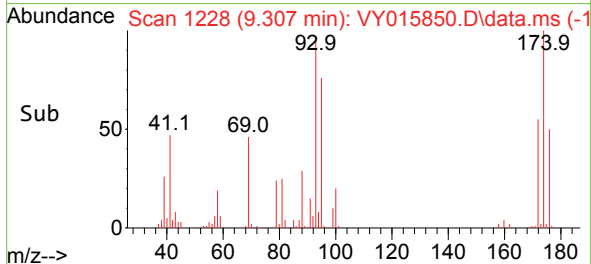
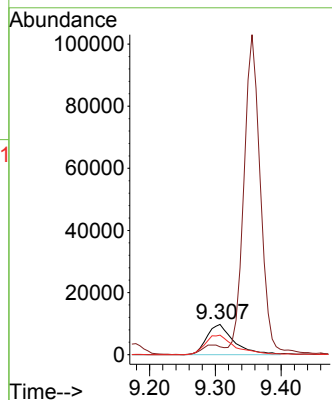
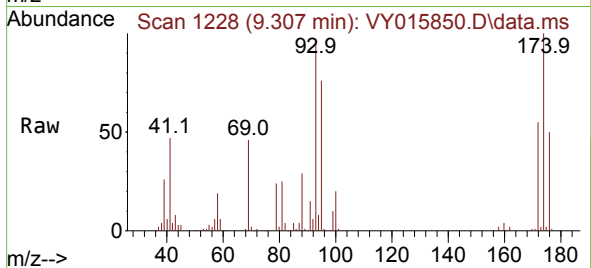




#49
1,4-Dioxane
Concen: 895.946 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

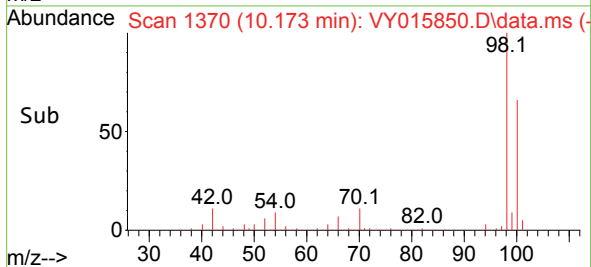
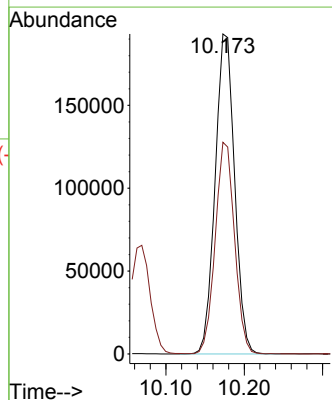
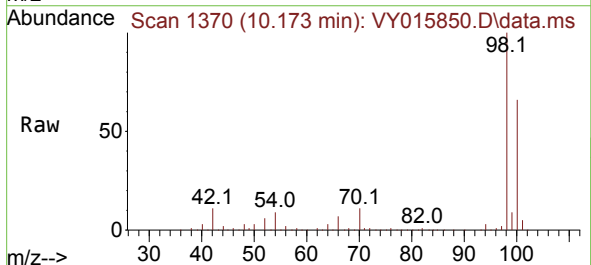
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

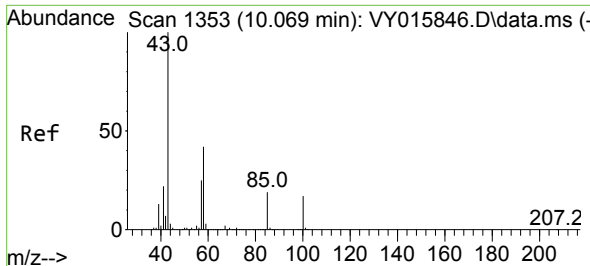
Tgt Ion: 88 Resp: 27992
Ion Ratio Lower Upper
88 100
43 24.4 0.0 0.0#
58 71.7 30.9 46.3#



#50
Toluene-d8
Concen: 52.182 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 98 Resp: 333798
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

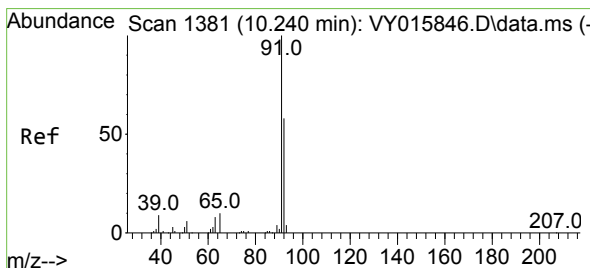
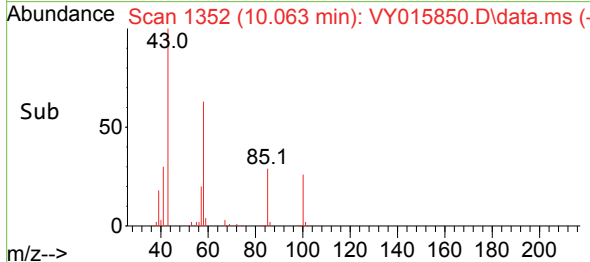
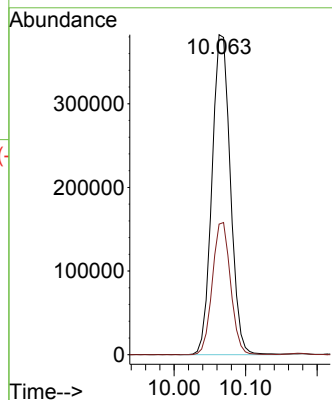
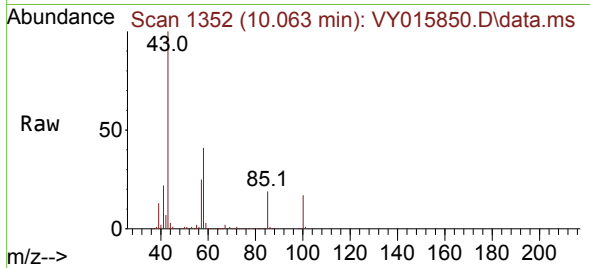




#51
4-Methyl-2-Pentanone
Concen: 241.092 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

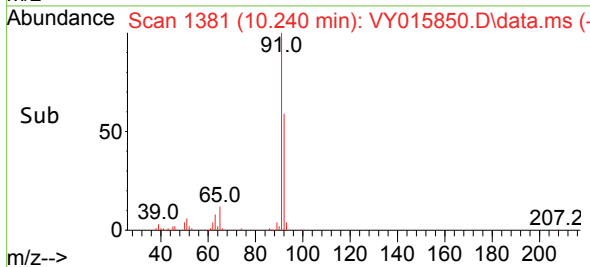
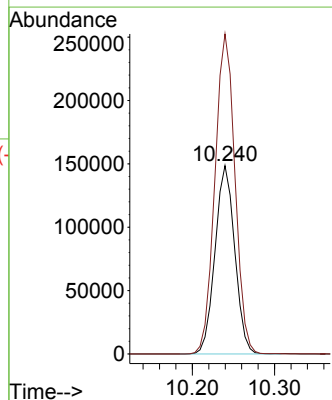
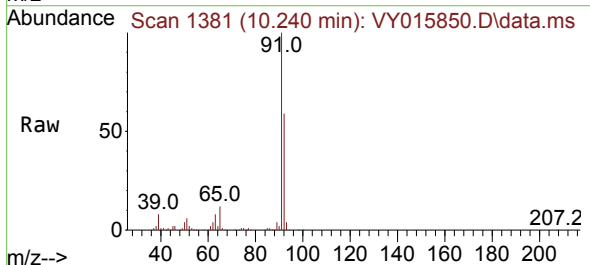
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

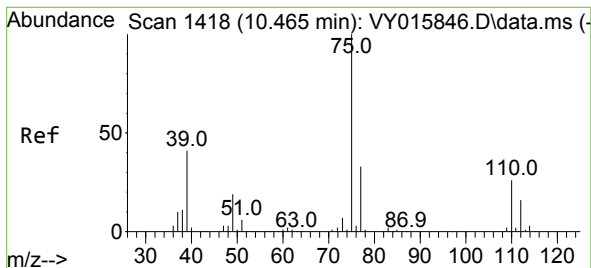
Tgt Ion: 43 Resp: 682843
Ion Ratio Lower Upper
43 100
58 41.0 29.0 43.6



#52
Toluene
Concen: 51.294 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 92 Resp: 247535
Ion Ratio Lower Upper
92 100
91 173.2 143.8 215.6

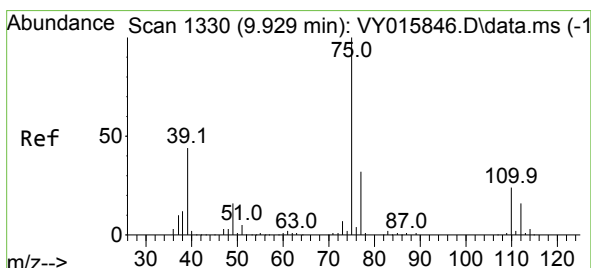
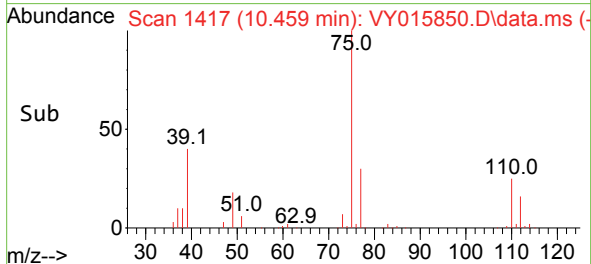
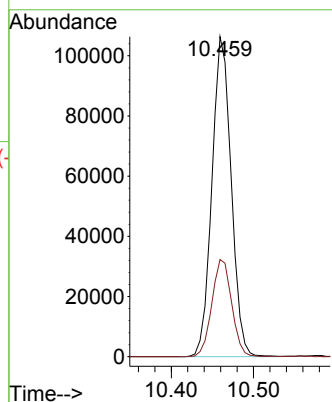
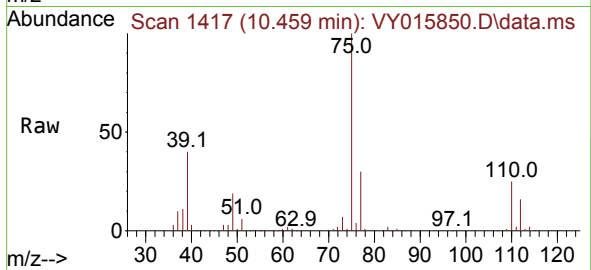




#53
 t-1,3-Dichloropropene
 Concen: 50.946 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY015850.D
 Acq: 05 Oct 2023 15:31

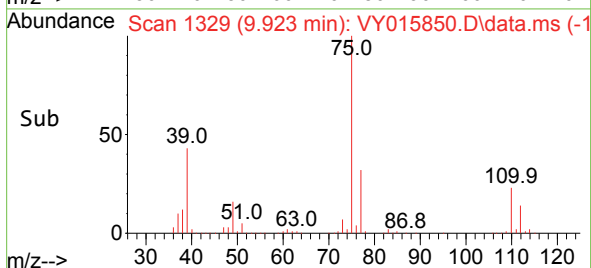
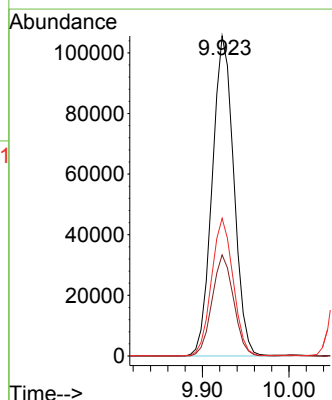
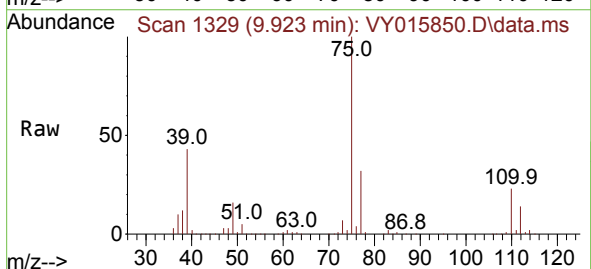
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

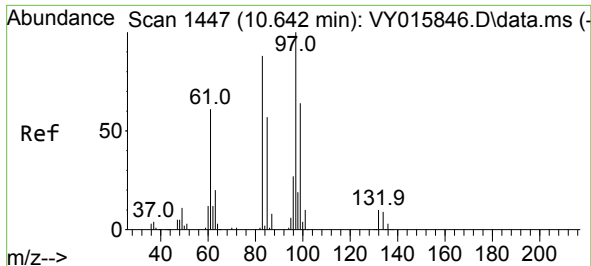
Tgt Ion: 75 Resp: 173065
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.765 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY015850.D
 Acq: 05 Oct 2023 15:31

Tgt Ion: 75 Resp: 183070
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 43.0 42.2 63.4

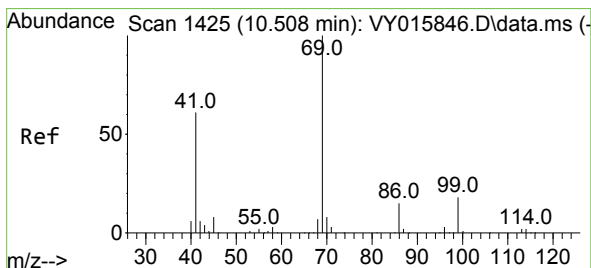
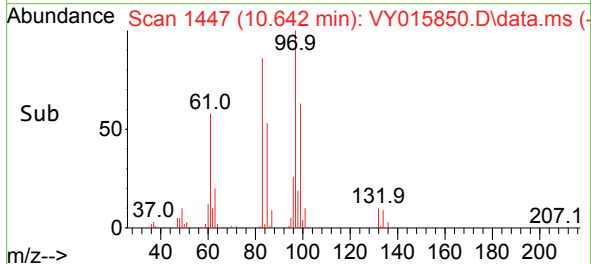
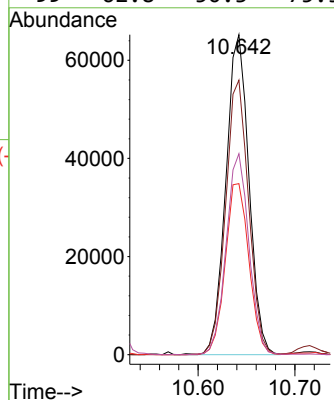
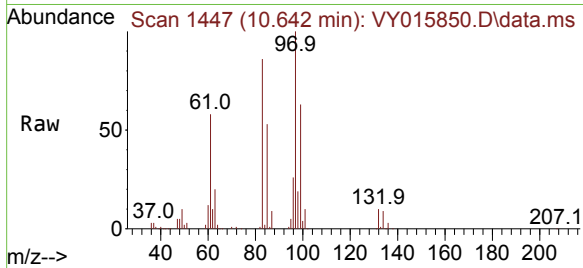




#55
1,1,2-Trichloroethane
Concen: 49.292 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

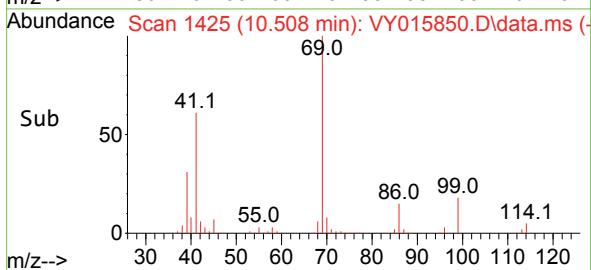
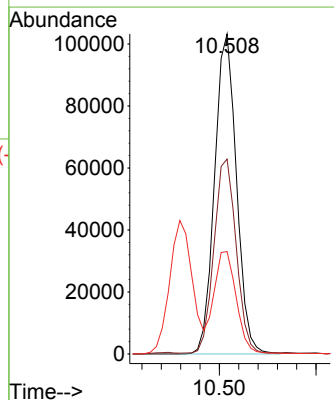
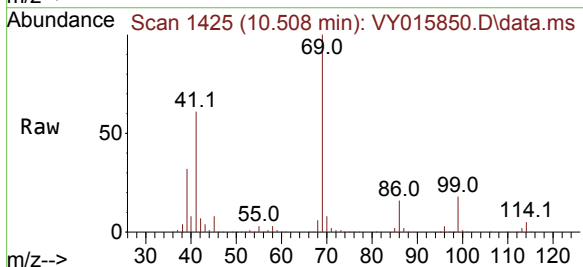
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

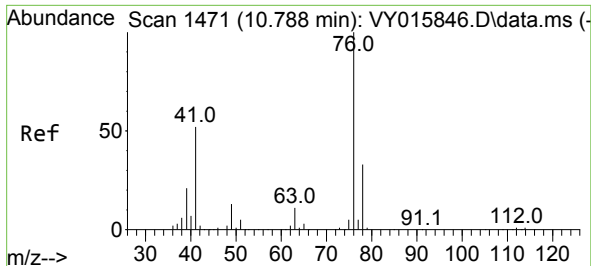
Tgt Ion: 97	Resp: 108006
Ion Ratio	Lower Upper
97 100	
83 85.8	72.0 108.0
85 53.4	45.4 68.0
99 62.8	50.3 75.5



#56
Ethyl methacrylate
Concen: 51.009 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 69	Resp: 162055		
Ion Ratio	Lower	Upper	
69 100			
41 62.0	57.6	86.4	
39 32.8	34.1	51.1#	

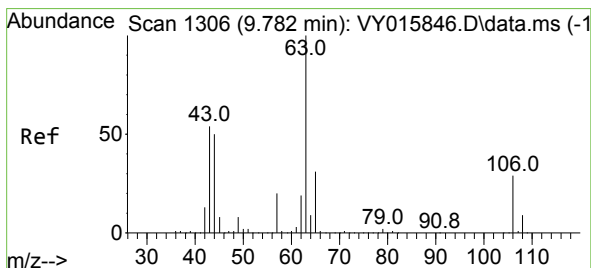
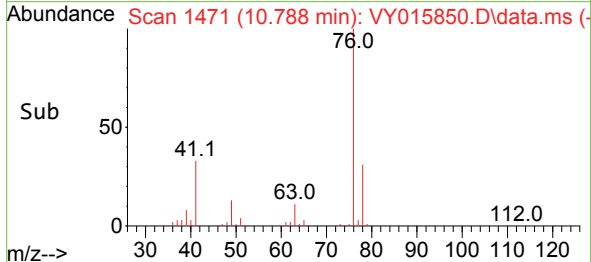
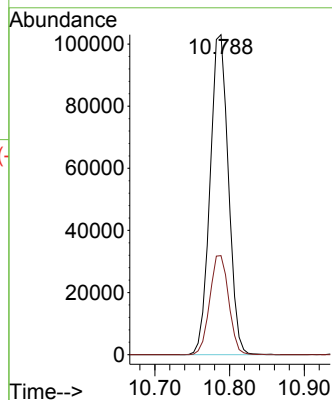
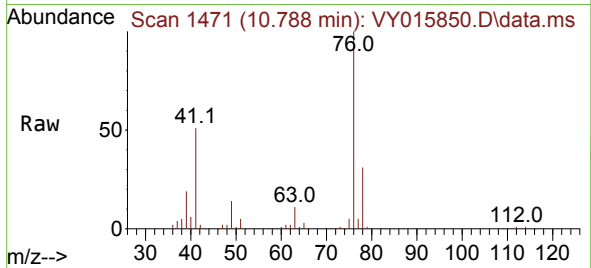




#57
1,3-Dichloropropane
Concen: 50.049 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

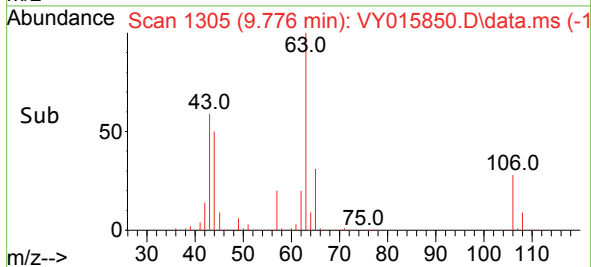
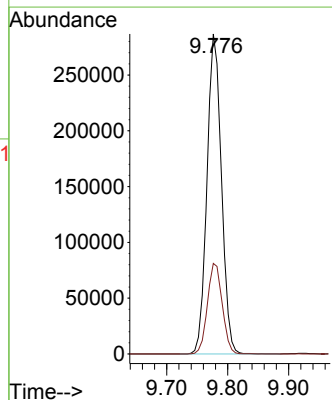
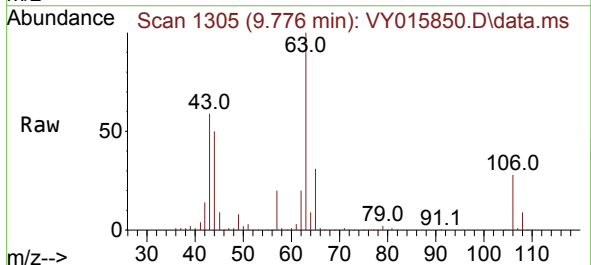
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

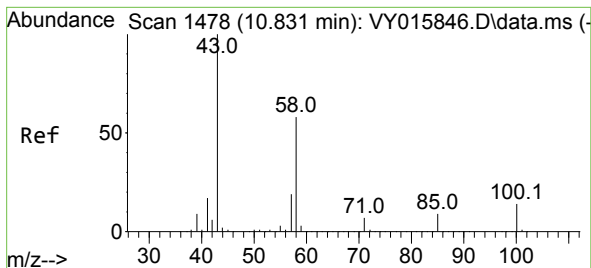
Tgt Ion: 76 Resp: 175325
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 255.011 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 63 Resp: 472074
Ion Ratio Lower Upper
63 100
106 29.0 21.2 31.8

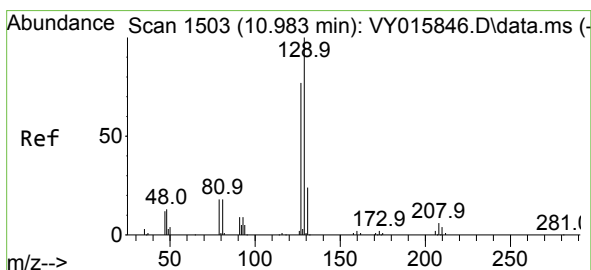
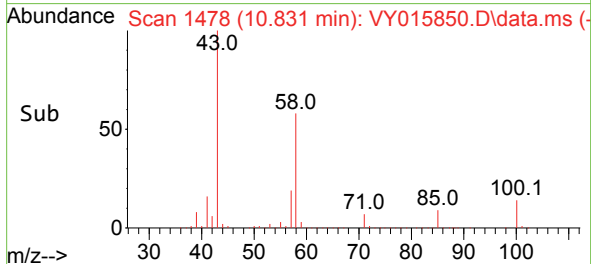
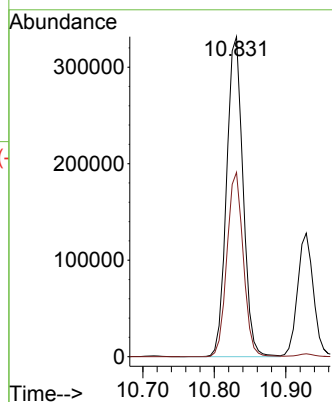
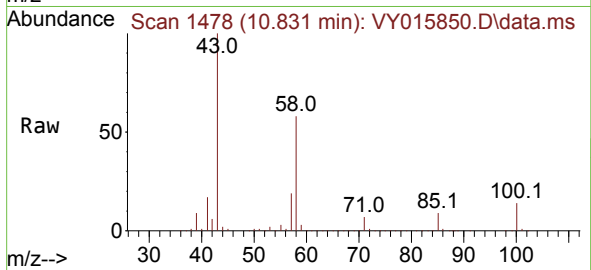




#59
2-Hexanone
Concen: 240.326 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

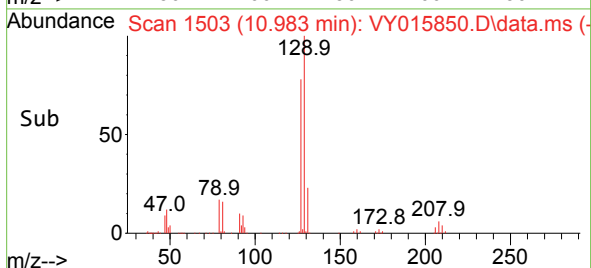
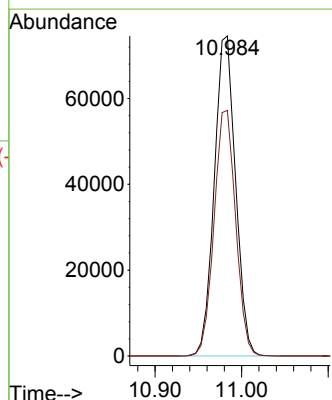
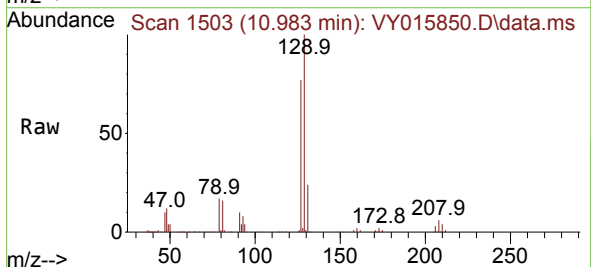
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

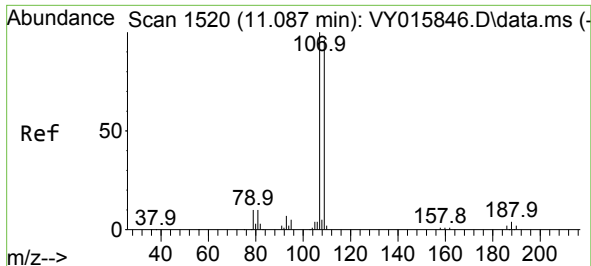
Tgt Ion: 43 Resp: 528184
Ion Ratio Lower Upper
43 100
58 57.3 25.1 75.3



#60
Dibromochloromethane
Concen: 50.242 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion:129 Resp: 127156
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

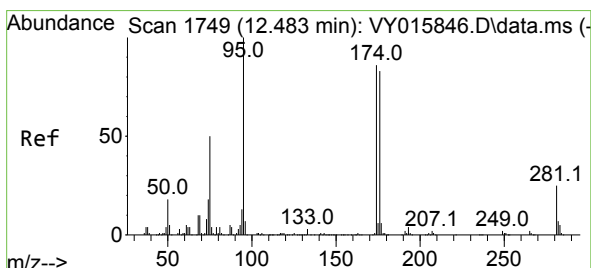
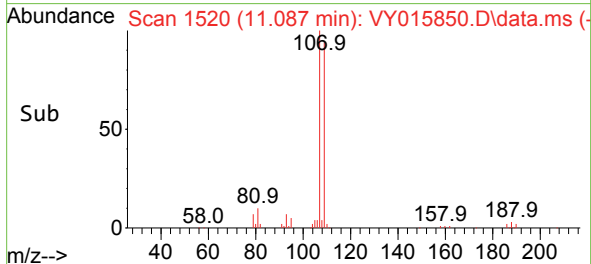
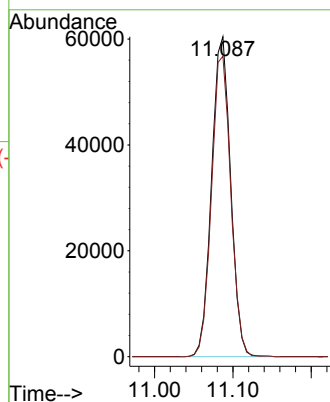
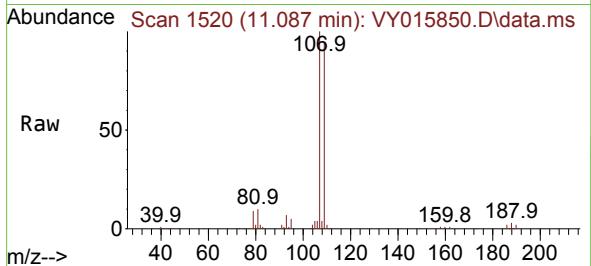




#61
1,2-Dibromoethane
Concen: 49.785 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

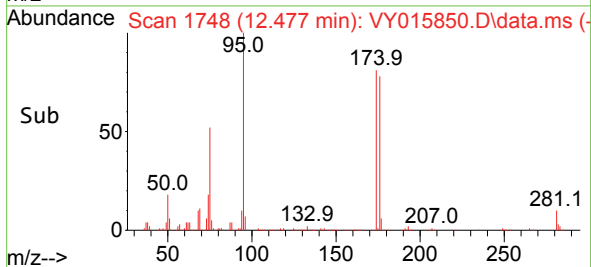
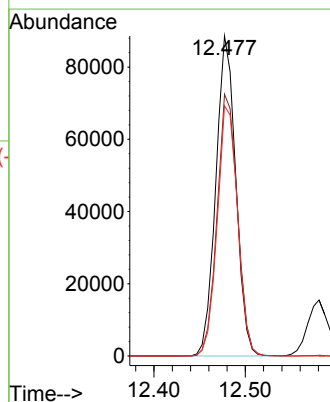
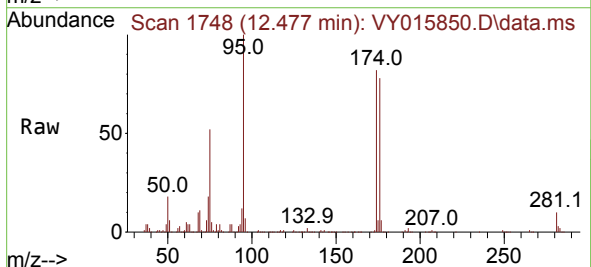
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

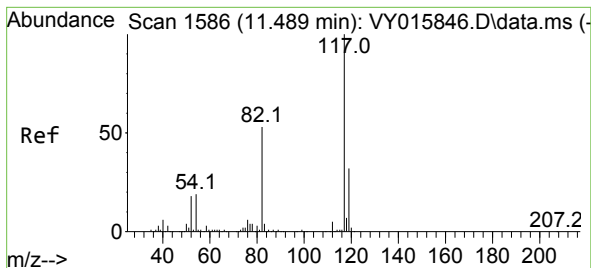
Tgt Ion:107 Resp: 101945
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.326 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 95 Resp: 134202
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 80.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

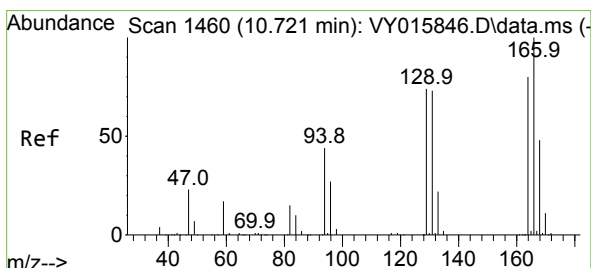
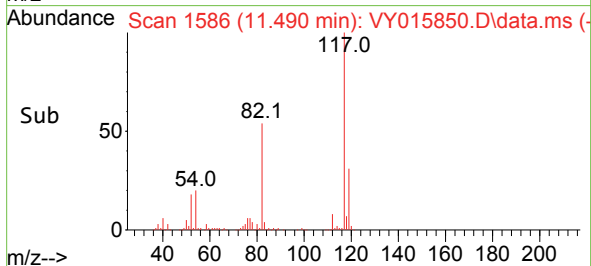
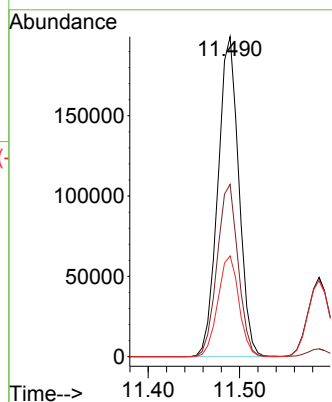
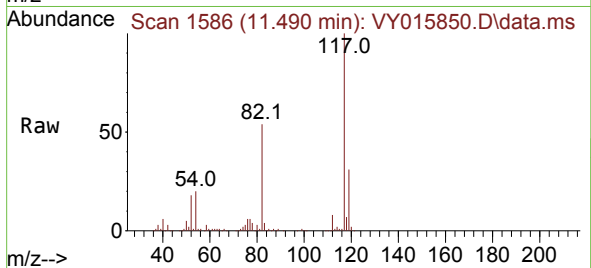
Tgt Ion:117 Resp: 316641

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 31.5 26.3 39.5



#64

Tetrachloroethene

Concen: 49.498 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Tgt Ion:164 Resp: 110166

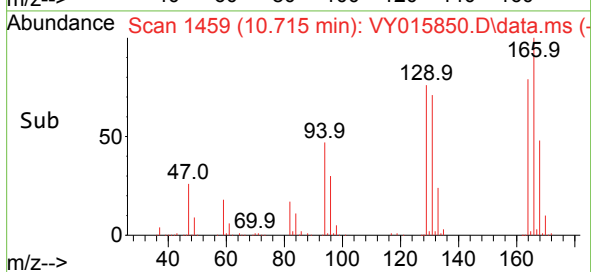
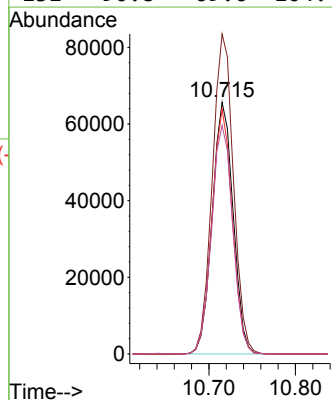
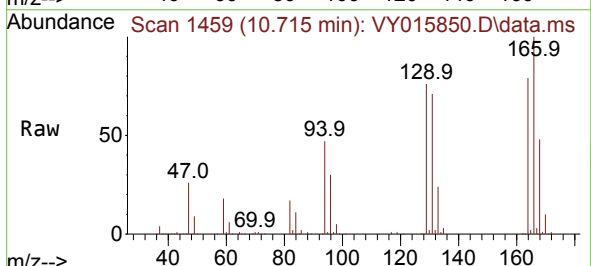
Ion Ratio Lower Upper

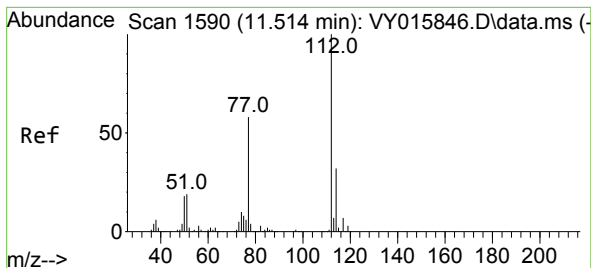
164 100

166 127.2 103.0 154.6

129 97.2 77.2 115.8

131 90.8 69.6 104.4





#65

Chlorobenzene

Concen: 49.784 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

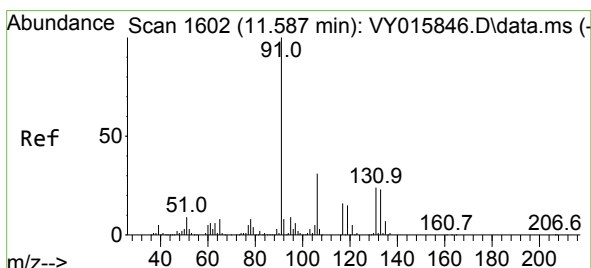
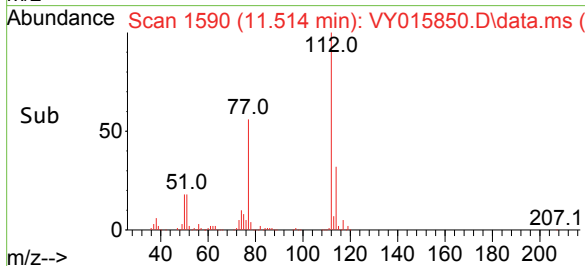
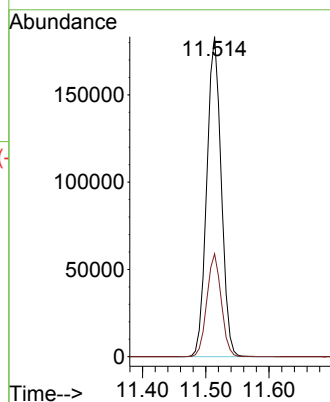
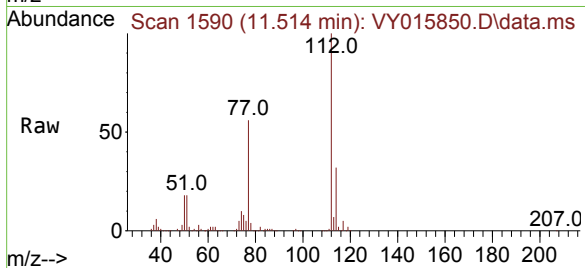
VSTDICCC050

Tgt Ion:112 Resp: 291527

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.867 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

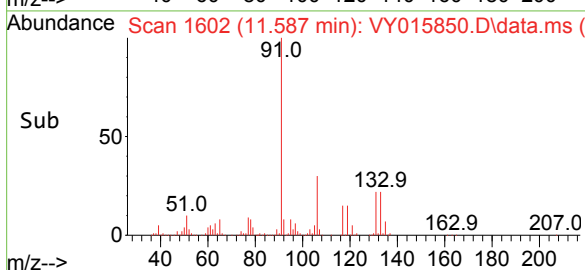
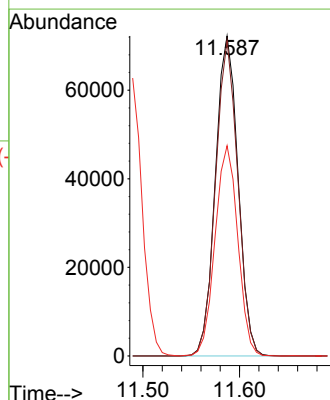
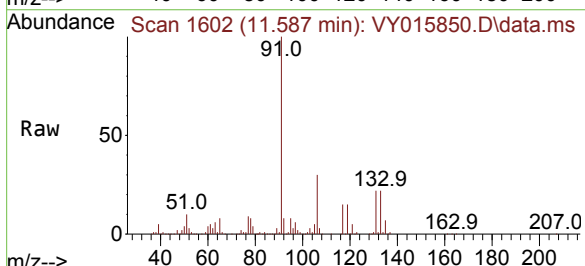
Tgt Ion:131 Resp: 117655

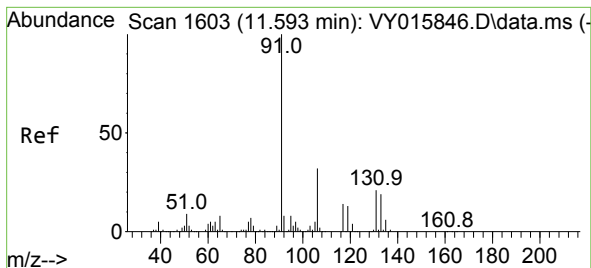
Ion Ratio Lower Upper

131 100

133 96.6 47.5 142.6

119 65.9 31.6 94.7





#67

Ethyl Benzene

Concen: 50.620 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

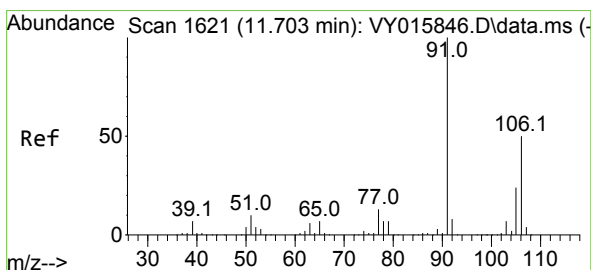
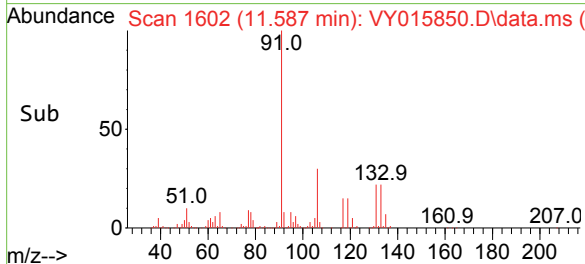
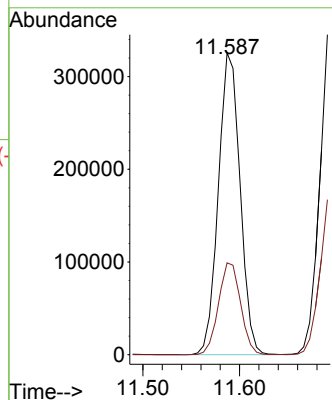
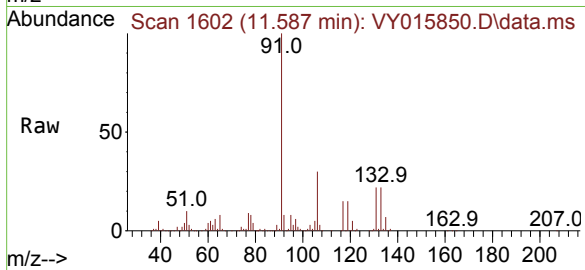
VSTDICCC050

Tgt Ion: 91 Resp: 507350

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 102.327 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015850.D

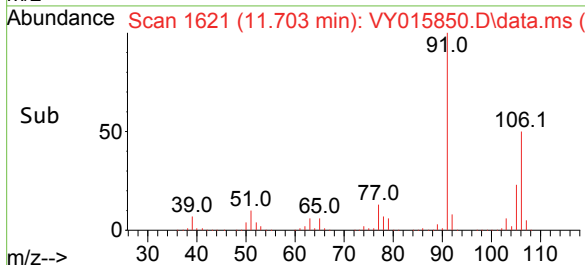
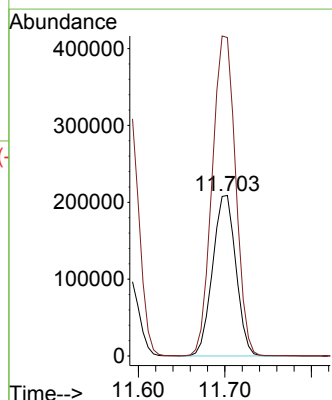
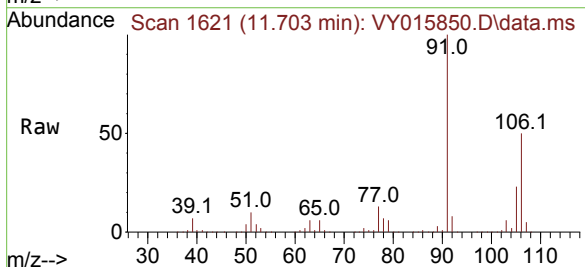
Acq: 05 Oct 2023 15:31

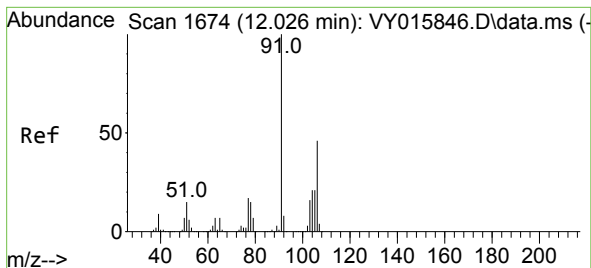
Tgt Ion:106 Resp: 389863

Ion Ratio Lower Upper

106 100

91 201.1 166.1 249.1





#69

o-Xylene

Concen: 51.363 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

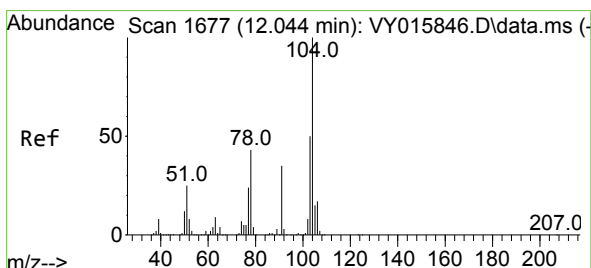
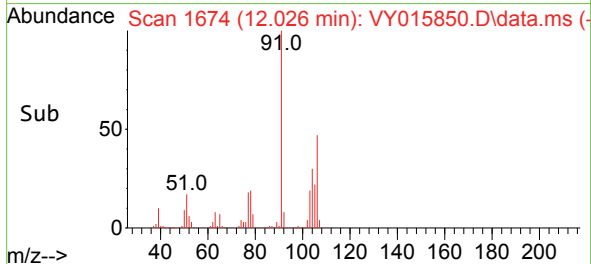
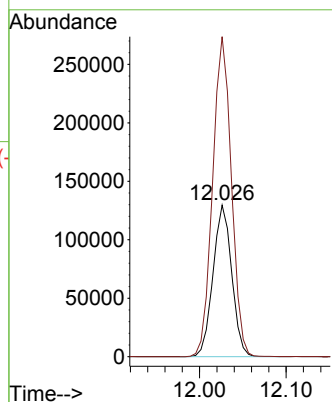
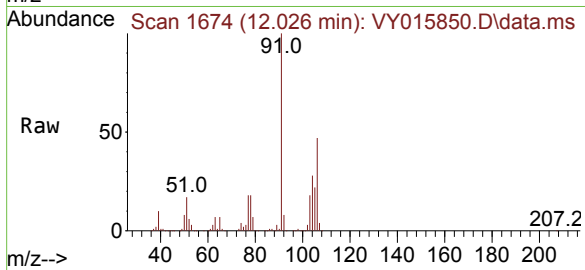
VSTDICCC050

Tgt Ion:106 Resp: 194646

Ion Ratio Lower Upper

106 100

91 211.8 108.1 324.3



#70

Styrene

Concen: 51.931 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

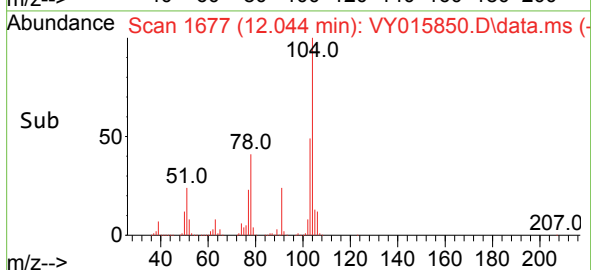
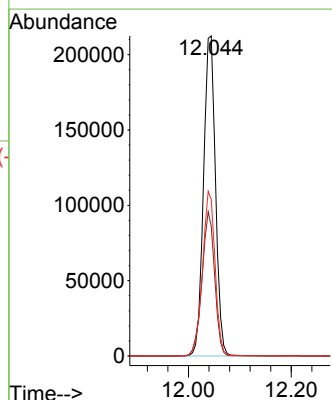
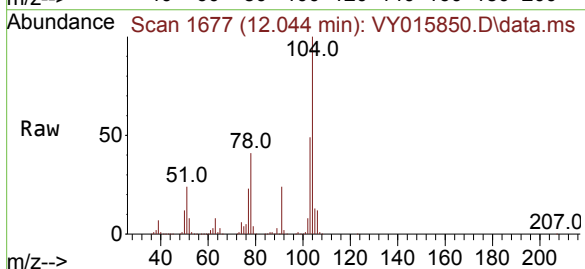
Tgt Ion:104 Resp: 343562

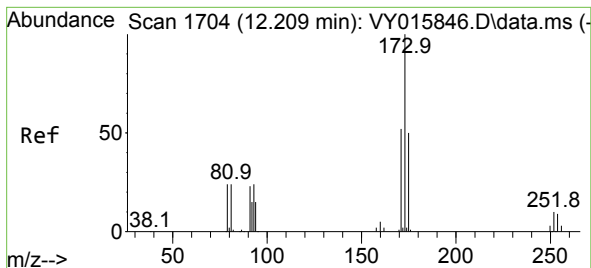
Ion Ratio Lower Upper

104 100

78 47.6 41.5 62.3

103 54.0 44.6 67.0





#71

Bromoform

Concen: 50.322 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

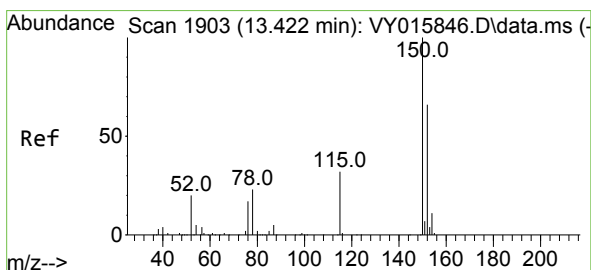
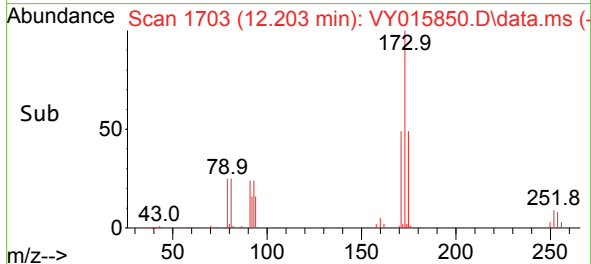
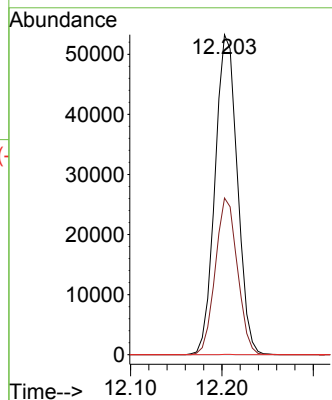
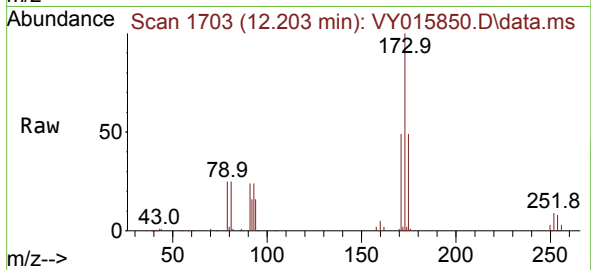
Tgt Ion:173 Resp: 90344

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

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: VY015850.D

Acq: 05 Oct 2023 15:31

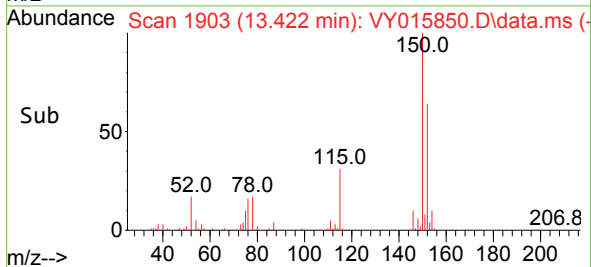
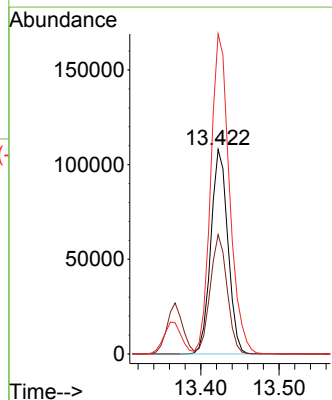
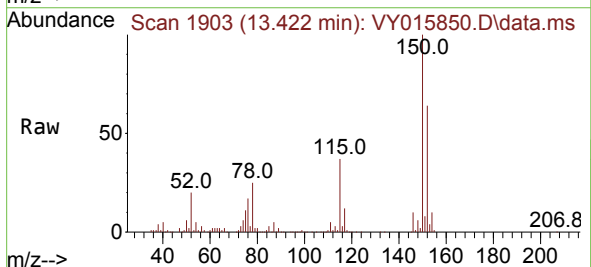
Tgt Ion:152 Resp: 163082

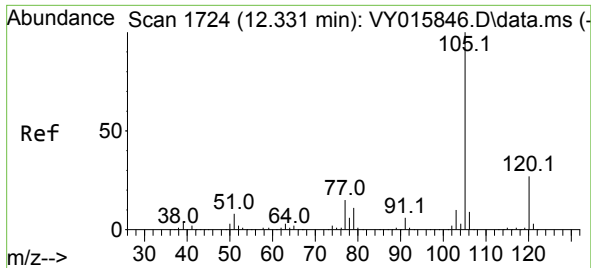
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 172.2 0.0 348.8

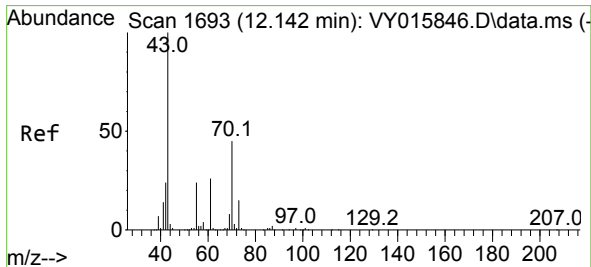
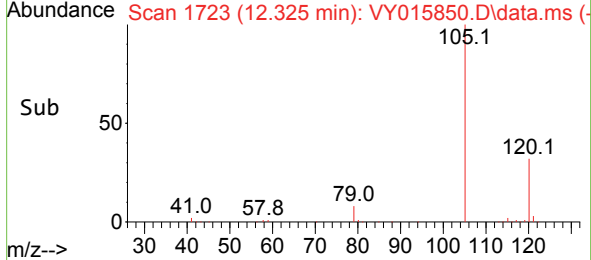
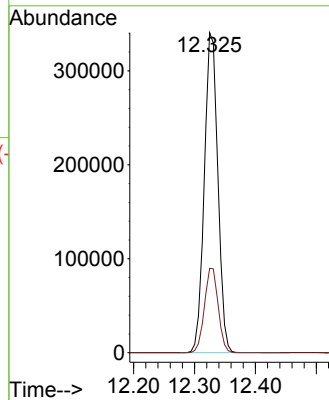
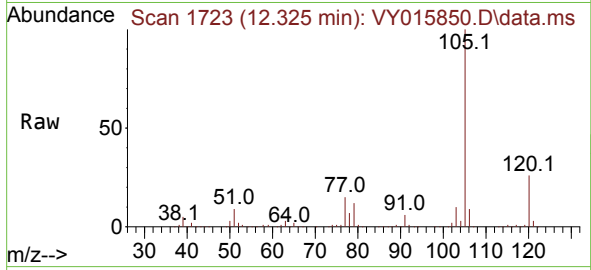




#73
Isopropylbenzene
Concen: 49.846 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

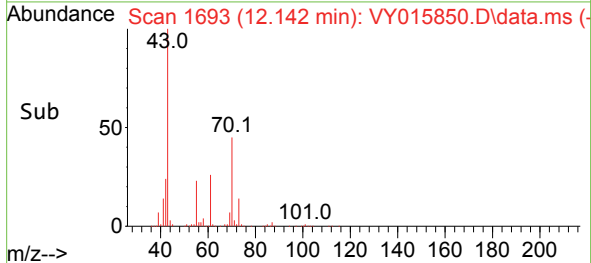
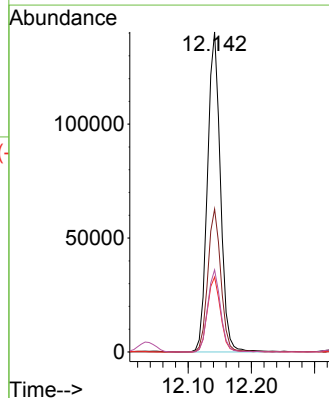
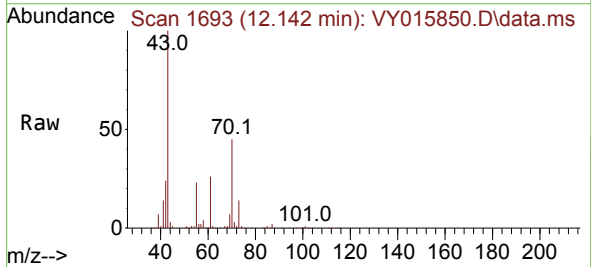
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

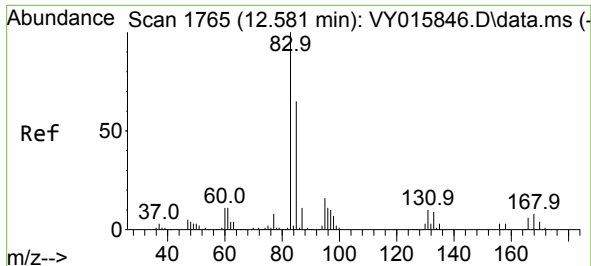
Tgt Ion:105 Resp: 526586
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 49.111 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 43 Resp: 200485
Ion Ratio Lower Upper
43 100
70 45.1 29.7 44.5#
55 23.9 18.3 27.5
61 25.6 17.5 26.3

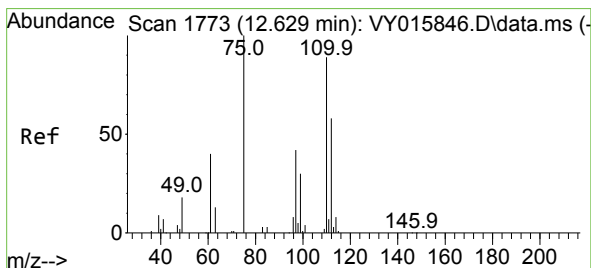
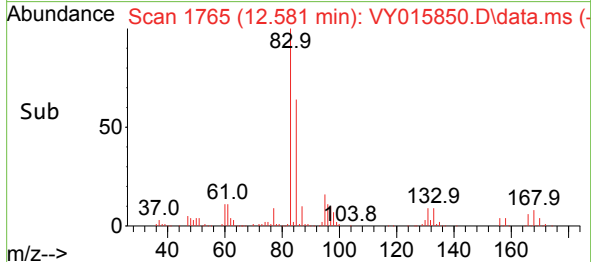
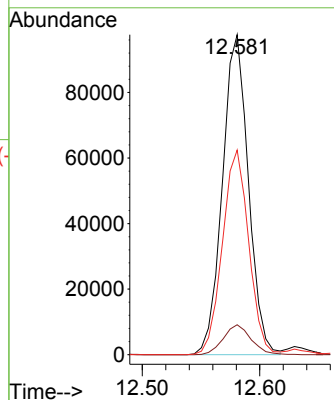
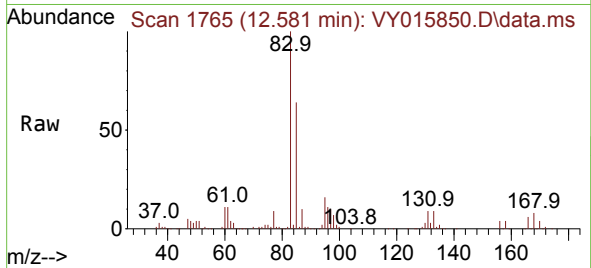




#75
1,1,2,2-Tetrachloroethane
Concen: 48.055 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

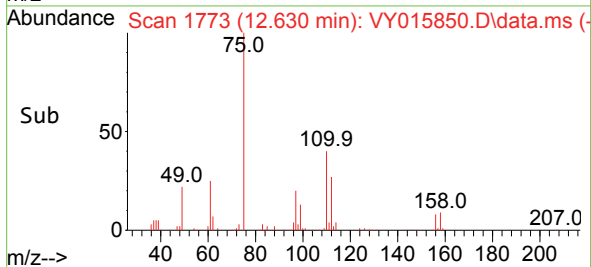
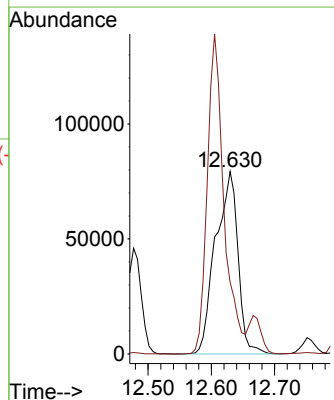
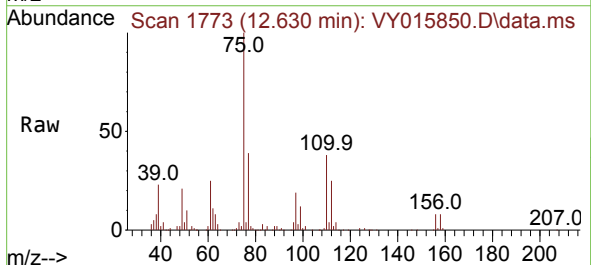
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

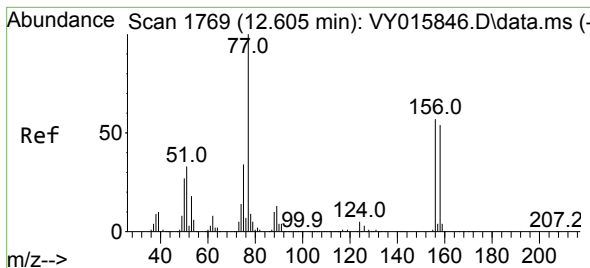
Tgt Ion: 83 Resp: 149961
Ion Ratio Lower Upper
83 100
131 10.0 5.4 16.2
85 64.7 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 80.690 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 75 Resp: 194800
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.292 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

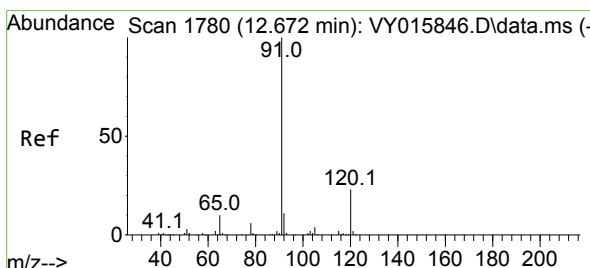
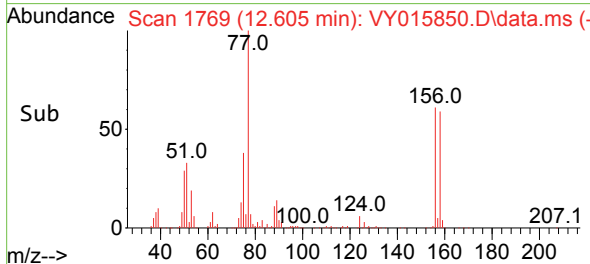
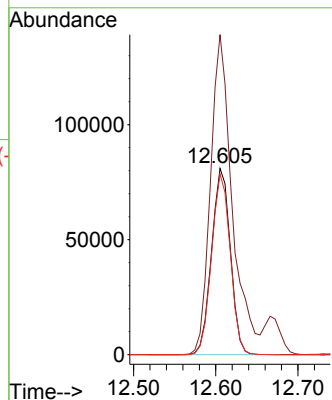
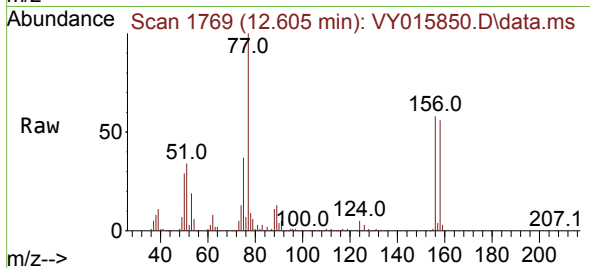
Tgt Ion:156 Resp: 128821

Ion Ratio Lower Upper

156 100

77 198.5 92.8 278.6

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 50.631 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY015850.D

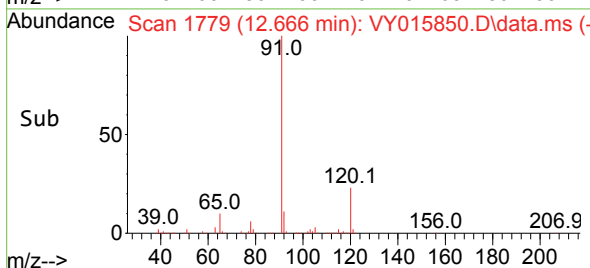
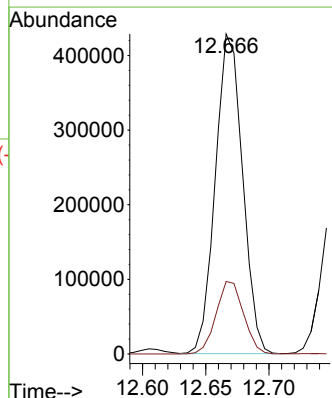
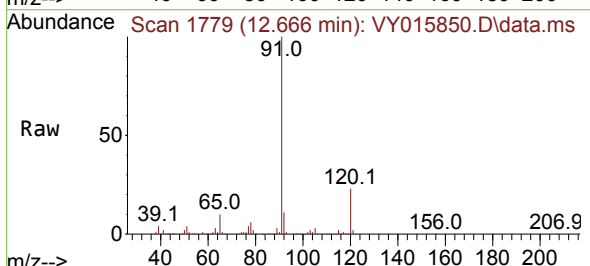
Acq: 05 Oct 2023 15:31

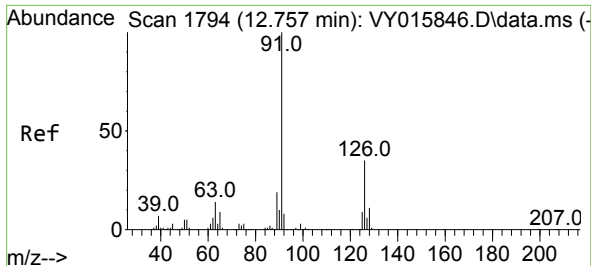
Tgt Ion: 91 Resp: 640674

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

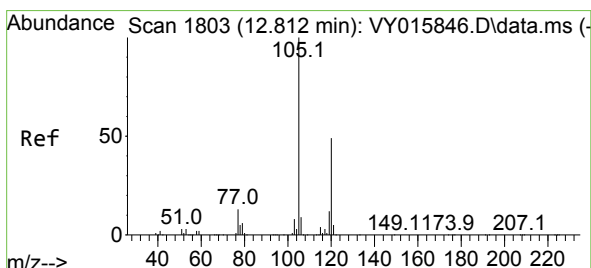
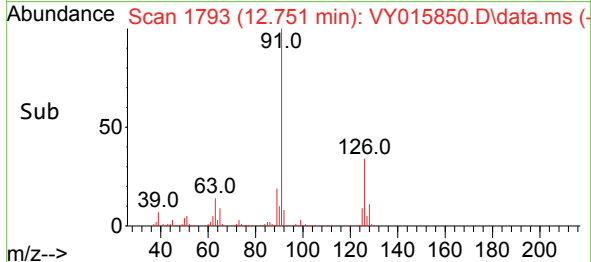
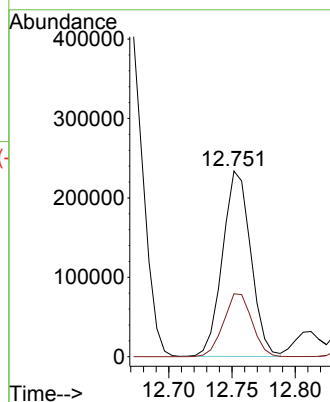
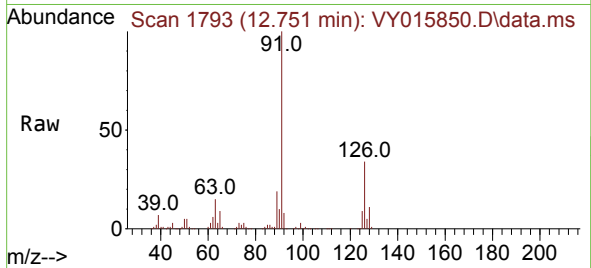




#79
2-Chlorotoluene
Concen: 49.773 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

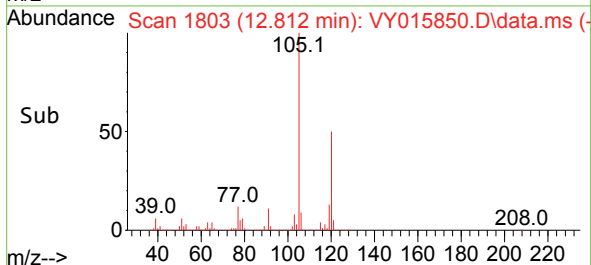
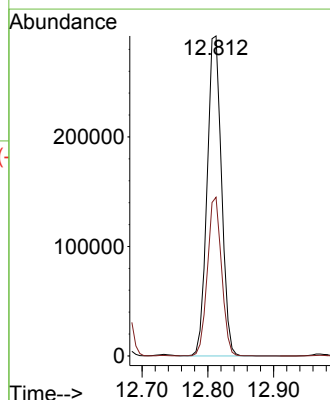
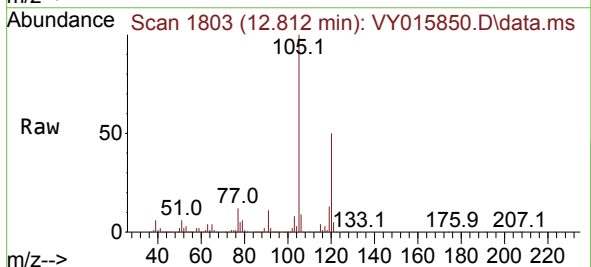
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

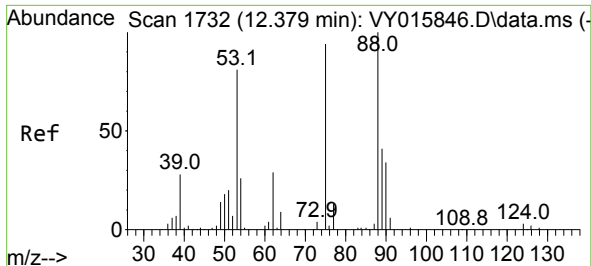
Tgt Ion: 91 Resp: 362692
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.512 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 105 Resp: 444721
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

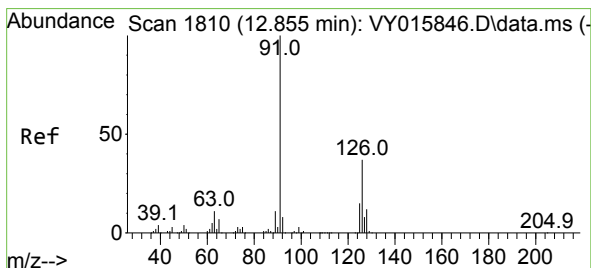
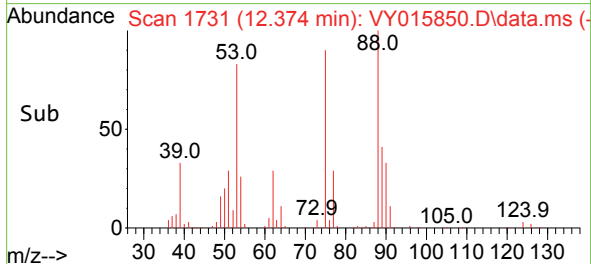
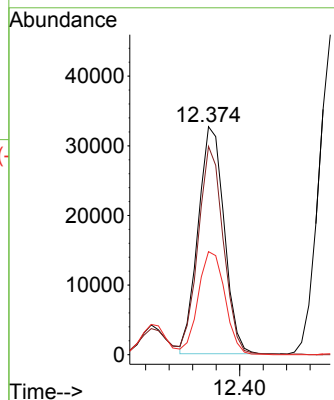
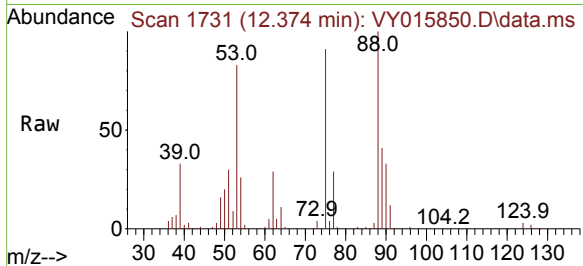




#81
trans-1,4-Dichloro-2-butene
Concen: 48.283 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

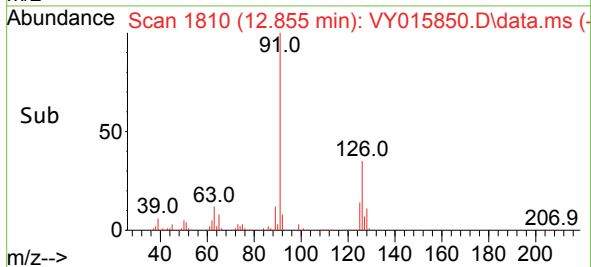
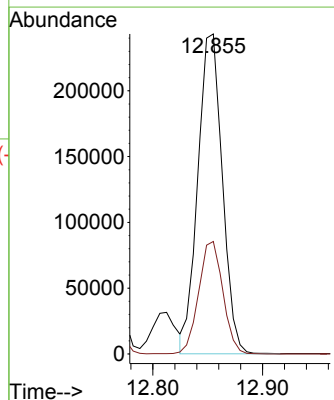
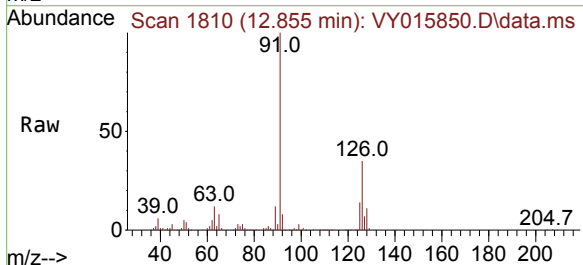
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

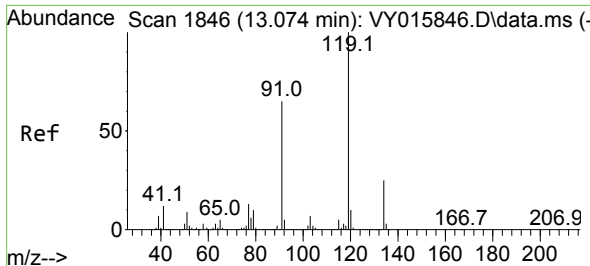
Tgt Ion: 75 Resp: 50354
Ion Ratio Lower Upper
75 100
53 89.0 77.8 116.8
89 46.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.467 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion: 91 Resp: 377274
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6

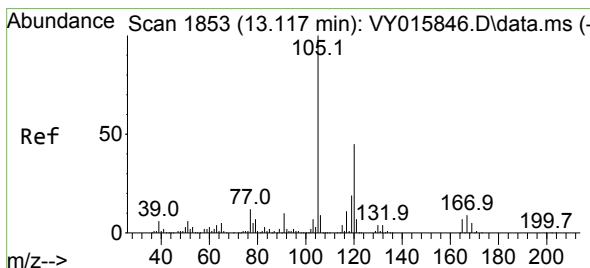
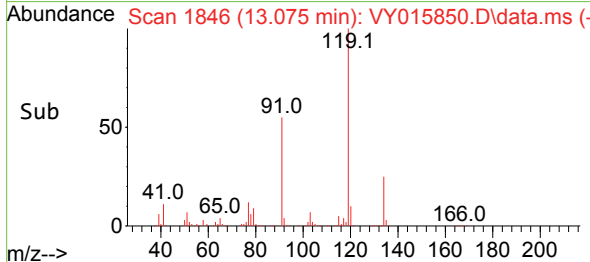
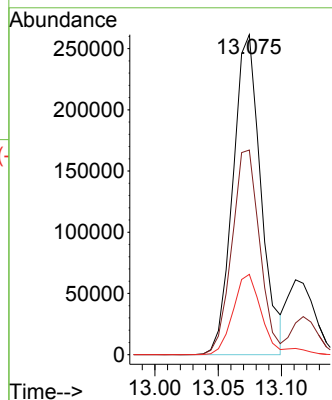
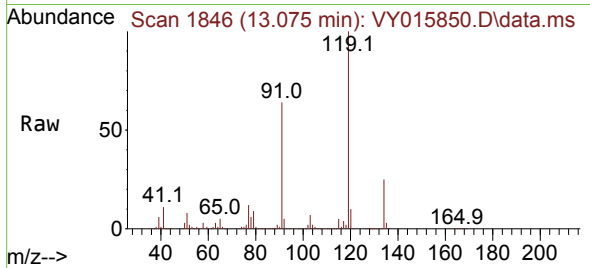




#83
tert-Butylbenzene
Concen: 50.063 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

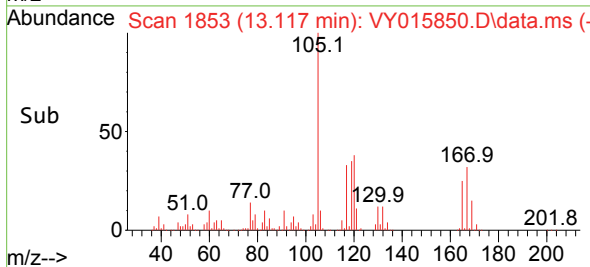
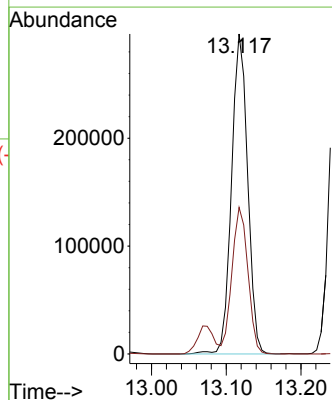
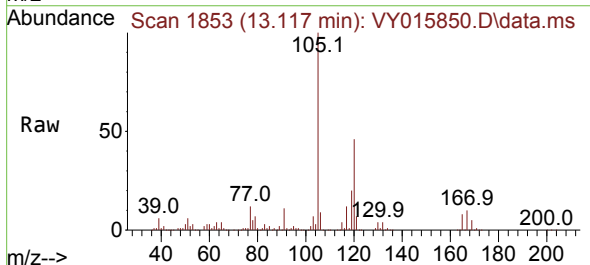
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

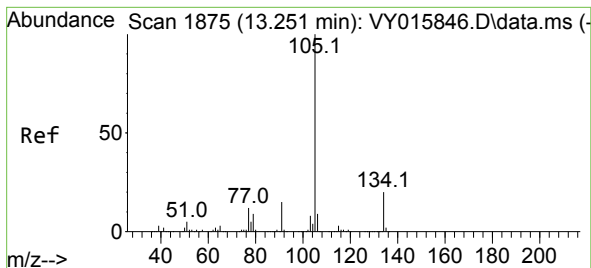
Tgt Ion:119 Resp: 402892
Ion Ratio Lower Upper
119 100
91 63.6 32.9 98.6
134 26.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 50.134 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion:105 Resp: 443433
Ion Ratio Lower Upper
105 100
120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.641 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

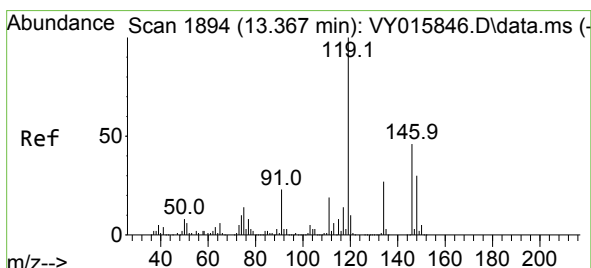
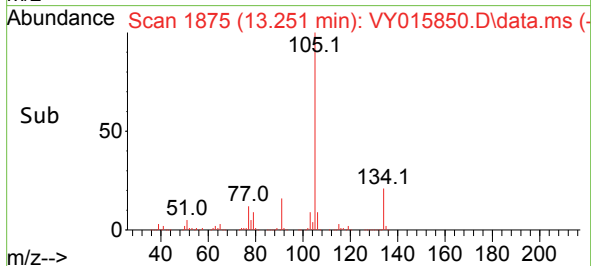
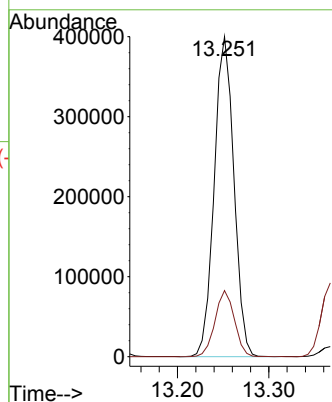
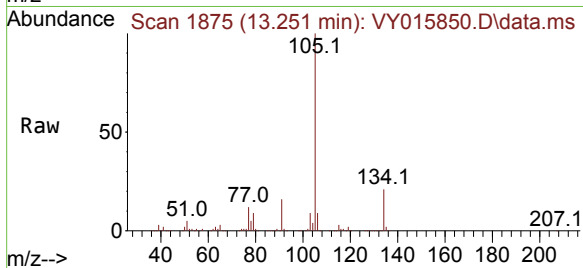
VSTDICCC050

Tgt Ion:105 Resp: 597918

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.666 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

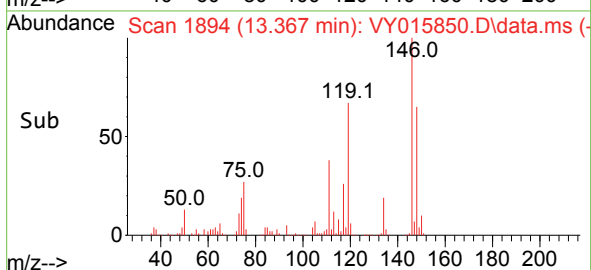
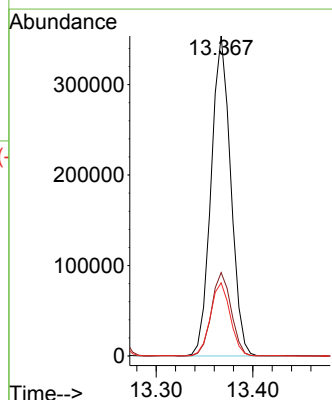
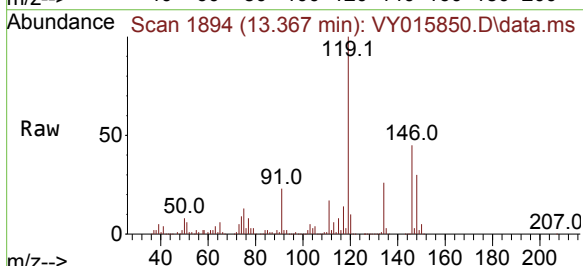
Tgt Ion:119 Resp: 498163

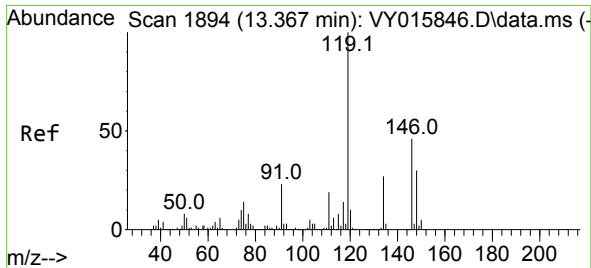
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.0 12.4 37.4

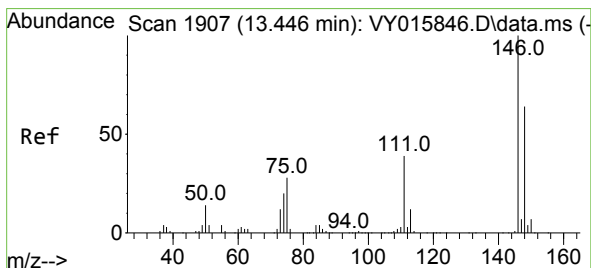
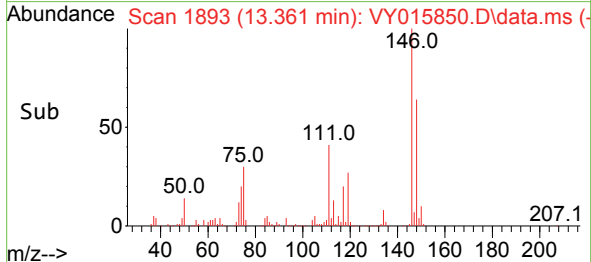
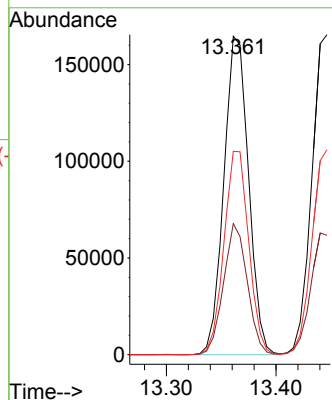
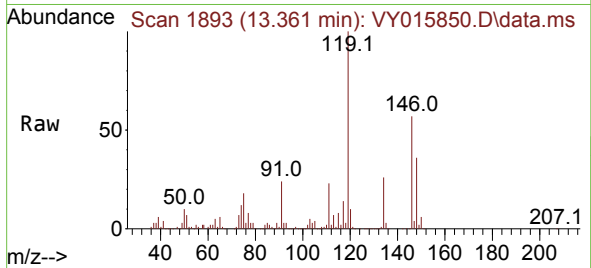




#87
1,3-Dichlorobenzene
Concen: 49.284 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

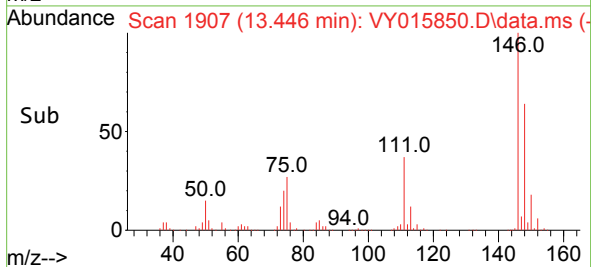
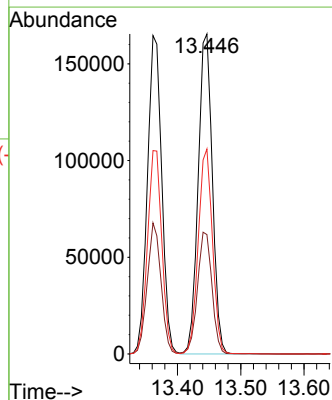
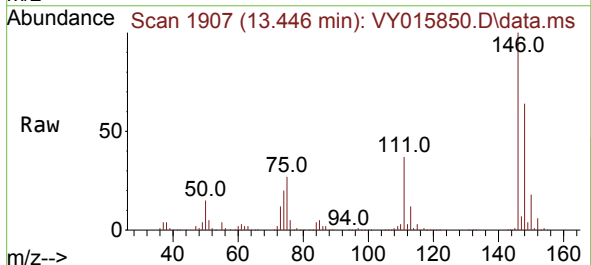
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

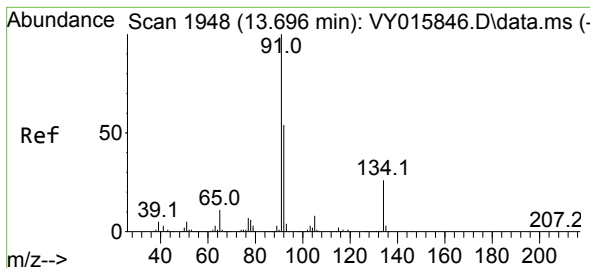
Tgt Ion:146 Resp: 257885
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.2
148 64.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 48.879 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015850.D
Acq: 05 Oct 2023 15:31

Tgt Ion:146 Resp: 258600
Ion Ratio Lower Upper
146 100
111 38.6 18.9 56.7
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 50.949 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

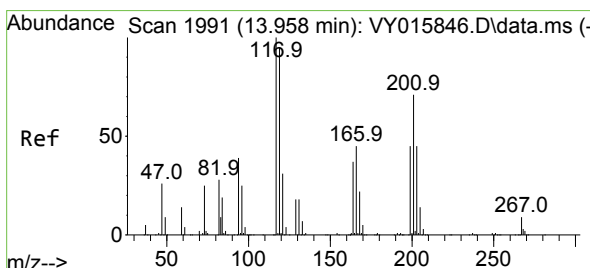
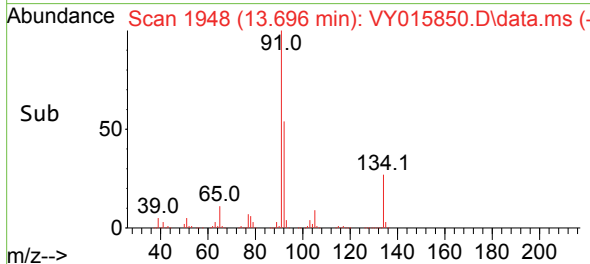
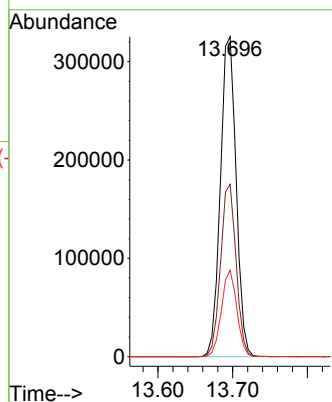
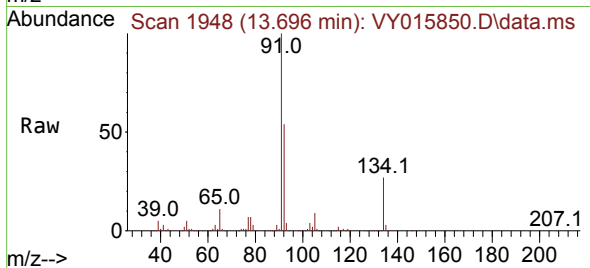
Tgt Ion: 91 Resp: 476678

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 49.326 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015850.D

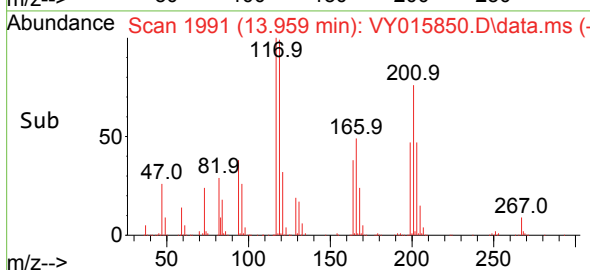
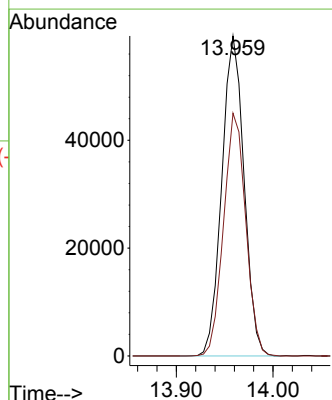
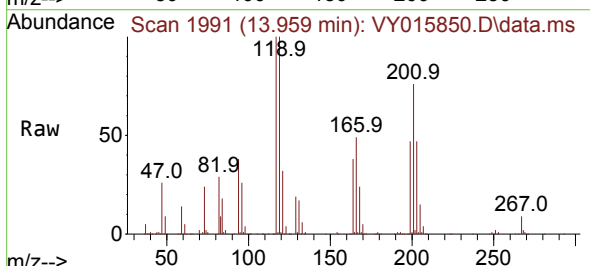
Acq: 05 Oct 2023 15:31

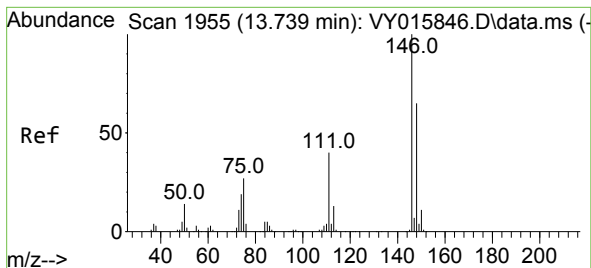
Tgt Ion: 117 Resp: 94664

Ion Ratio Lower Upper

117 100

201 75.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 49.456 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

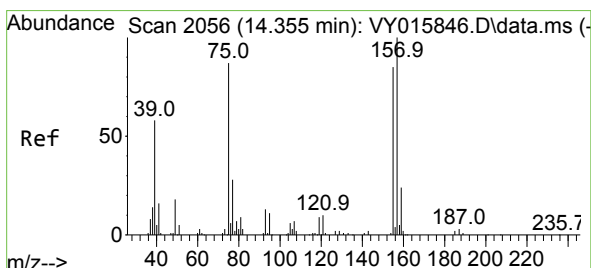
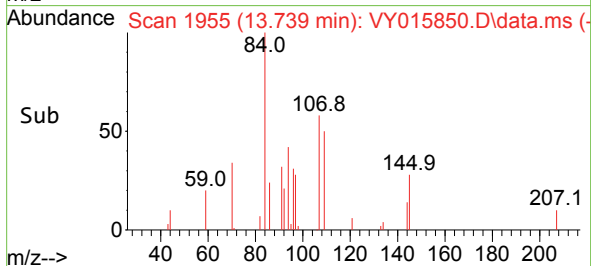
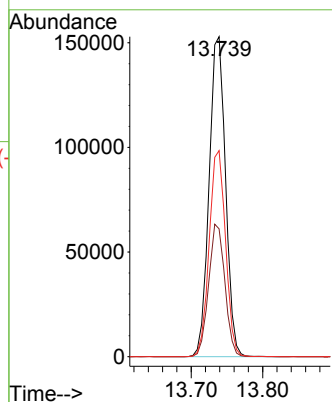
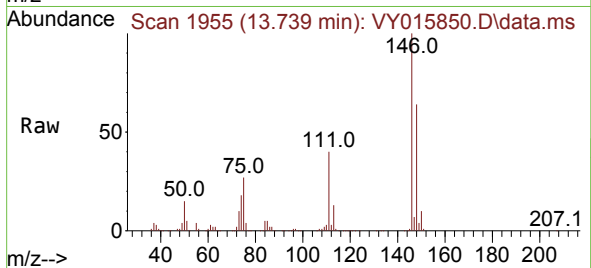
Tgt Ion:146 Resp: 243718

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.0

148 64.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.843 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

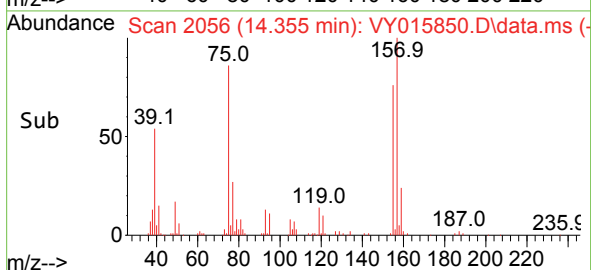
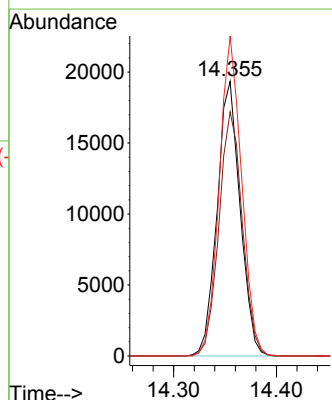
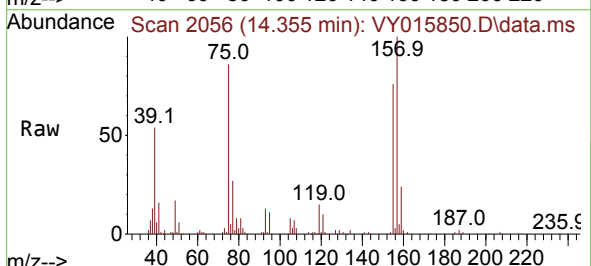
Tgt Ion: 75 Resp: 29958

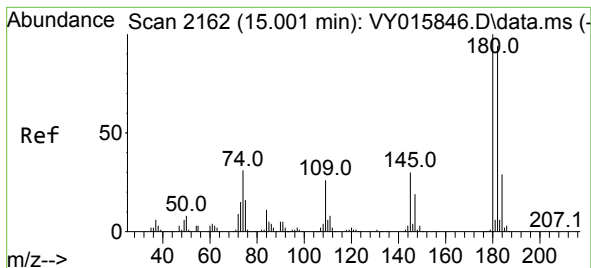
Ion Ratio Lower Upper

75 100

155 90.4 41.5 124.6

157 113.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.908 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

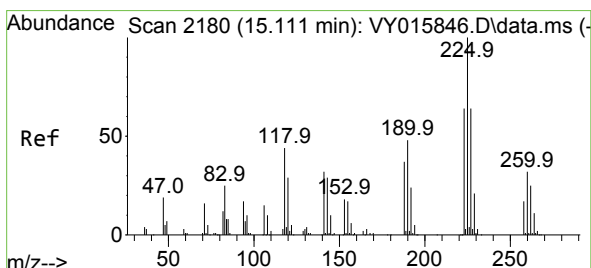
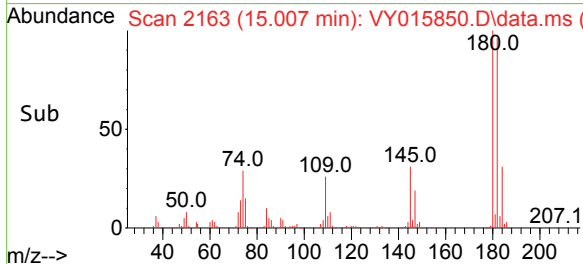
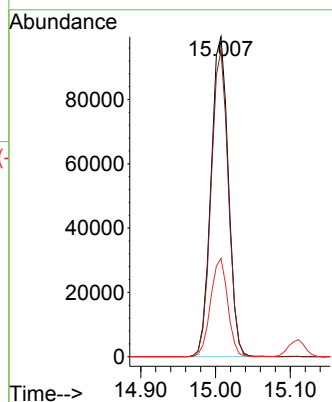
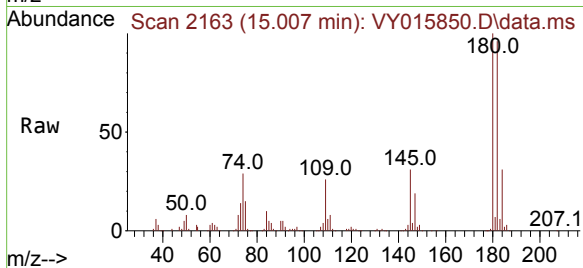
Tgt Ion:180 Resp: 160078

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.665 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

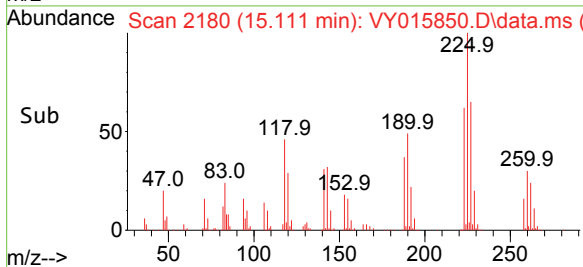
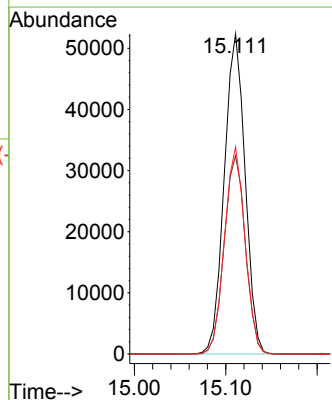
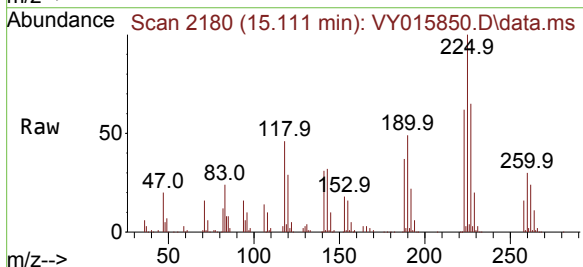
Tgt Ion:225 Resp: 83003

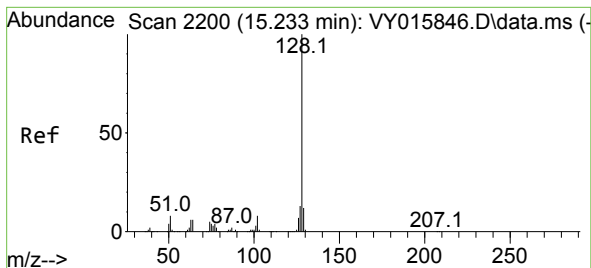
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 49.651 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

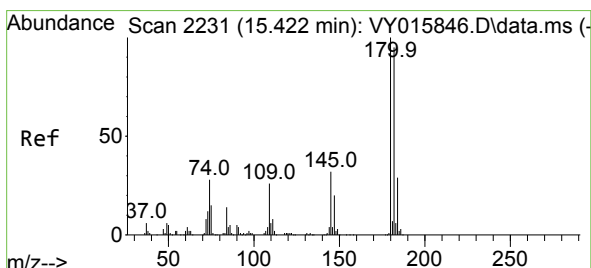
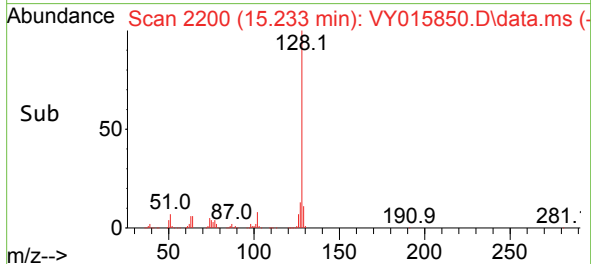
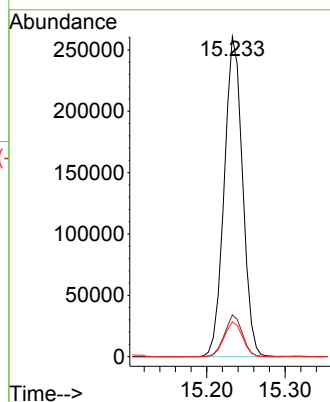
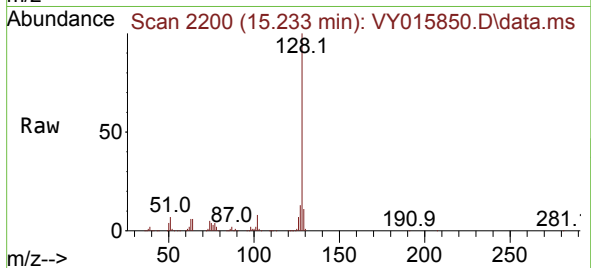
Tgt Ion:128 Resp: 424643

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.220 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015850.D

Acq: 05 Oct 2023 15:31

Tgt Ion:180 Resp: 147917

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 32.3 15.4 46.2

