

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013263.D
 Acq On : 12 Apr 2023 12:18
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 13 04:57:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 04:49:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	263210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	400709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	353594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	309240	97.762	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 195.520%#	
35) Dibromofluoromethane	7.716	113	261328	100.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 201.480%#	
50) Toluene-d8	10.179	98	984088	101.916	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 203.840%#	
62) 4-Bromofluorobenzene	12.477	95	322450	102.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 205.560%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	248230	104.786	ug/l	98
3) Chloromethane	2.107	50	287114	96.742	ug/l	99
4) Vinyl Chloride	2.247	62	287441	102.153	ug/l	98
5) Bromomethane	2.650	94	204685	94.860	ug/l	93
6) Chloroethane	2.790	64	189835	100.038	ug/l	97
7) Trichlorofluoromethane	3.119	101	440290	100.534	ug/l	99
8) Diethyl Ether	3.527	74	159227	100.069	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	259729	100.922	ug/l	98
10) Methyl Iodide	4.082	142	353005	111.824	ug/l	97
11) Tert butyl alcohol	4.966	59	170577	337.428	ug/l #	74
12) 1,1-Dichloroethene	3.869	96	253236	102.244	ug/l	95
13) Acrolein	3.723	56	195304	502.612	ug/l	99
14) Allyl chloride	4.472	41	490755	103.726	ug/l	95
15) Acrylonitrile	5.161	53	461116	504.316	ug/l	98
16) Acetone	3.948	43	575485	529.254	ug/l	99
17) Carbon Disulfide	4.192	76	815681	100.032	ug/l	100
18) Methyl Acetate	4.472	43	358233	101.843	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	788765	106.312	ug/l	97
20) Methylene Chloride	4.710	84	288869	85.554	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	282355	99.866	ug/l	96
22) Diisopropyl ether	6.112	45	922223	98.905	ug/l	93
23) Vinyl Acetate	6.057	43	3068863	520.623	ug/l	98
24) 1,1-Dichloroethane	6.009	63	522758	100.366	ug/l	97
25) 2-Butanone	6.984	43	714845	513.335	ug/l	96
26) 2,2-Dichloropropane	6.978	77	465407	99.597	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	312346	101.597	ug/l	96
28) Bromochloromethane	7.326	49	204284	98.411	ug/l	98
29) Tetrahydrofuran	7.344	42	441490	521.996	ug/l	98
30) Chloroform	7.502	83	526431	99.876	ug/l	100
31) Cyclohexane	7.783	56	466825	97.604	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	475491	99.720	ug/l	98
36) 1,1-Dichloropropene	7.917	75	406990	103.560	ug/l	100
37) Ethyl Acetate	7.069	43	332284	104.891	ug/l #	95
38) Carbon Tetrachloride	7.899	117	443520	102.062	ug/l	99
39) Methylcyclohexane	9.179	83	500257	109.497	ug/l	96
40) Benzene	8.155	78	1147137	100.852	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	137319	95.928	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	388734	100.800	ug/l	97
43) Isopropyl Acetate	8.270	43	553429	105.177	ug/l	97
44) Trichloroethene	8.935	130	304479	103.914	ug/l	96
45) 1,2-Dichloropropane	9.215	63	299900	101.583	ug/l	97
46) Dibromomethane	9.301	93	179188	100.848	ug/l	99
47) Bromodichloromethane	9.496	83	412783	101.623	ug/l	98
48) Methyl methacrylate	9.289	41	264140	109.286	ug/l	95
49) 1,4-Dioxane	9.307	88	53519	2223.143	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	1500331	523.923	ug/l	98
52) Toluene	10.240	92	709466	103.295	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	447939	105.303	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	488671	104.768	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	239195	102.099	ug/l	98
56) Ethyl methacrylate	10.508	69	358115	111.639	ug/l	95
57) 1,3-Dichloropropane	10.788	76	406771	102.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	684870	511.325	ug/l	97
59) 2-Hexanone	10.831	43	1121551	538.637	ug/l	97
60) Dibromochloromethane	10.983	129	300881	102.425	ug/l	100
61) 1,2-Dibromoethane	11.087	107	236715	103.762	ug/l	100
64) Tetrachloroethene	10.715	164	260496	104.425	ug/l	96
65) Chlorobenzene	11.514	112	747959	101.118	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	286119	103.076	ug/l	99
67) Ethyl Benzene	11.593	91	1368583	106.233	ug/l	100
68) m/p-Xylenes	11.697	106	1048180	212.650	ug/l	98
69) o-Xylene	12.026	106	495096	108.452	ug/l	100
70) Styrene	12.044	104	836245	108.458	ug/l	98
71) Bromoform	12.209	173	201702	104.888	ug/l #	98
73) Isopropylbenzene	12.331	105	1293340	107.162	ug/l	100
74) N-amyl acetate	12.142	43	459751	106.774	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	295563	99.133	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	403046	167.954	ug/l #	100
77) Bromobenzene	12.605	156	314227	104.114	ug/l	100
78) n-propylbenzene	12.672	91	1577134	105.807	ug/l	99
79) 2-Chlorotoluene	12.757	91	876758	104.496	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1067375	105.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	112909	106.884	ug/l	97
82) 4-Chlorotoluene	12.849	91	912376	103.146	ug/l	98
83) tert-Butylbenzene	13.074	119	928079	106.990	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1054423	107.171	ug/l	99
85) sec-Butylbenzene	13.251	105	1351693	104.200	ug/l	99
86) p-Isopropyltoluene	13.367	119	1136311	106.750	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	593770	102.060	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	591827	100.664	ug/l	99
89) n-Butylbenzene	13.696	91	1077252	105.810	ug/l	99
90) Hexachloroethane	13.958	117	224428	101.118	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	538936	101.801	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	58633	108.293	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	353387	112.312	ug/l	98
94) Hexachlorobutadiene	15.111	225	193772	104.001	ug/l	99
95) Naphthalene	15.233	128	841015	122.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	323446	112.832	ug/l	99

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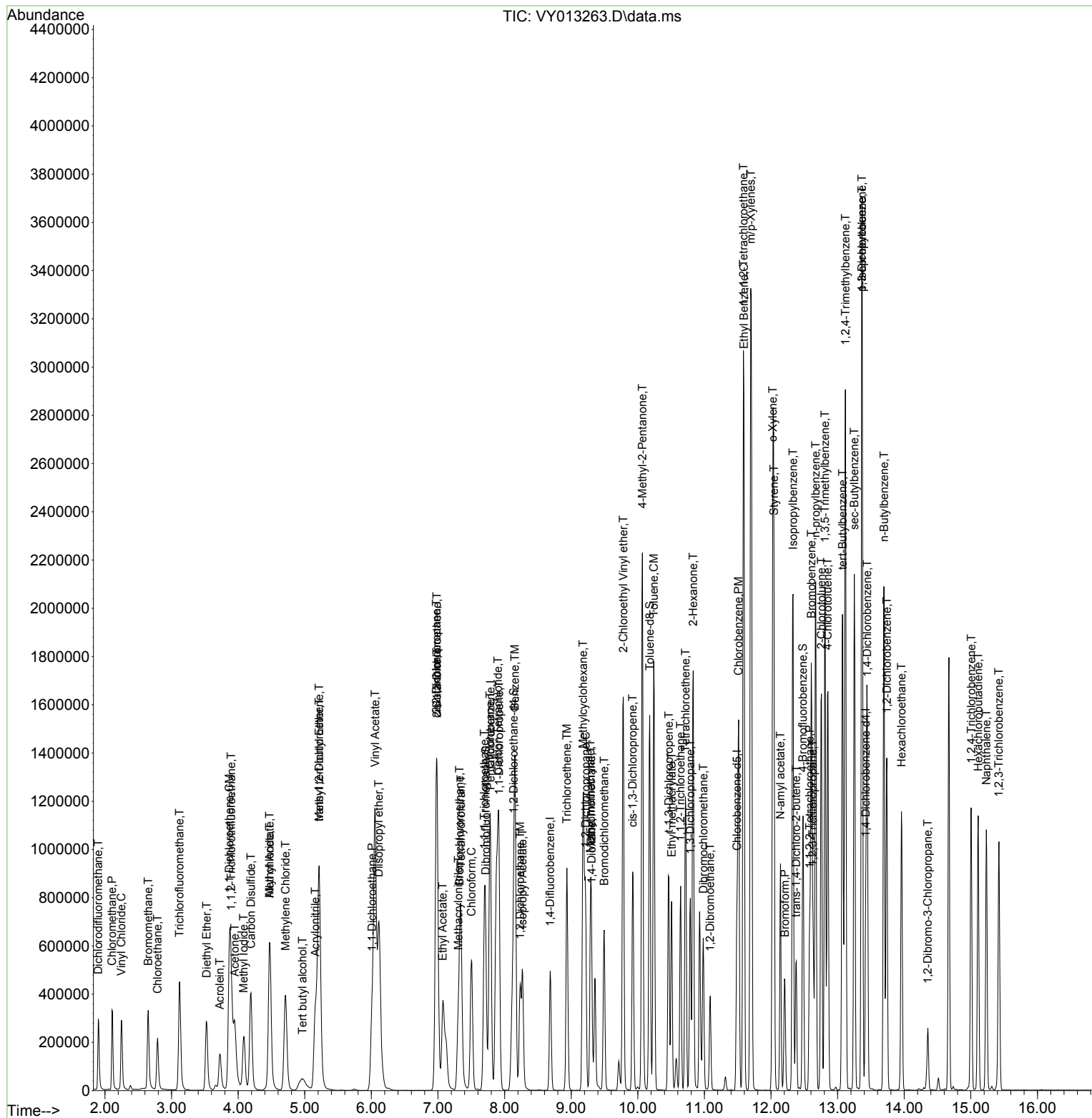
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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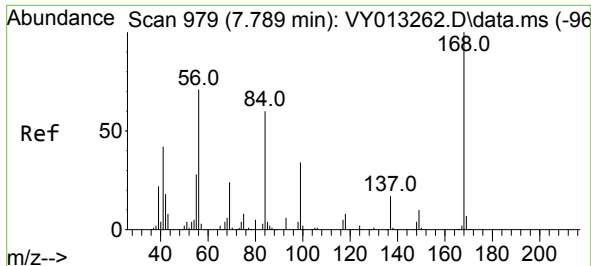
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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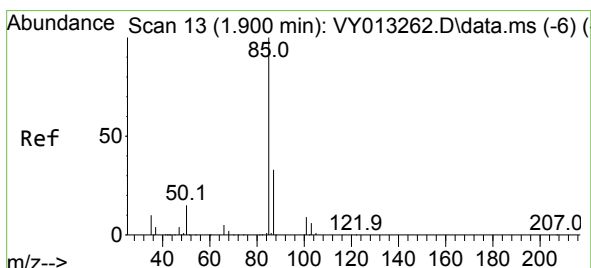
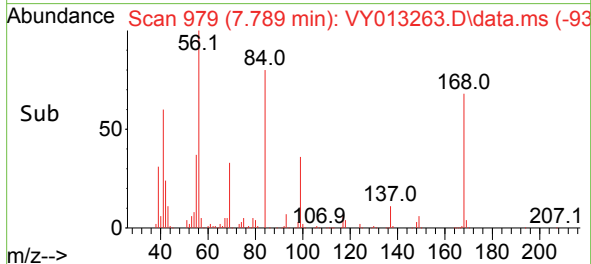
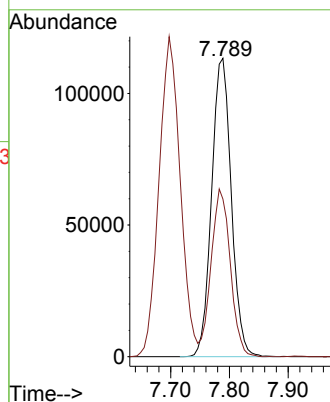
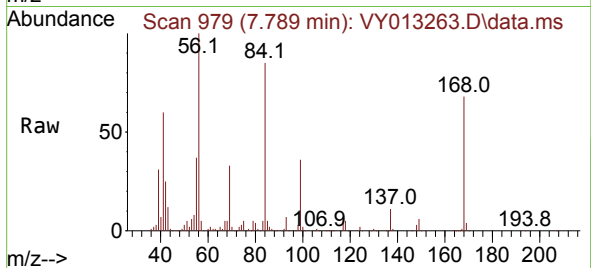




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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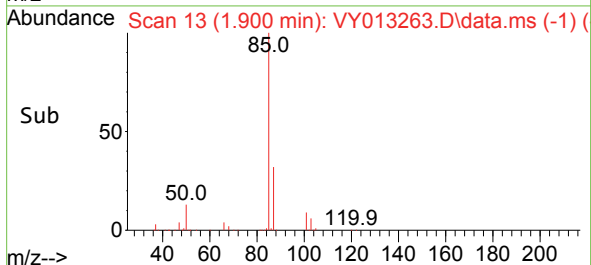
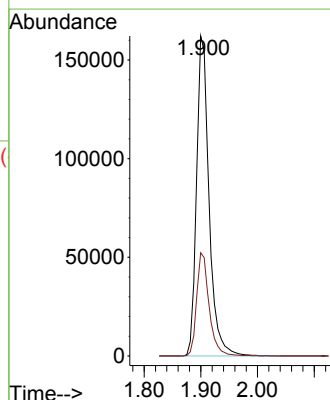
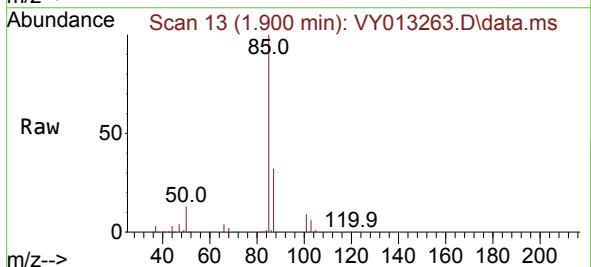
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

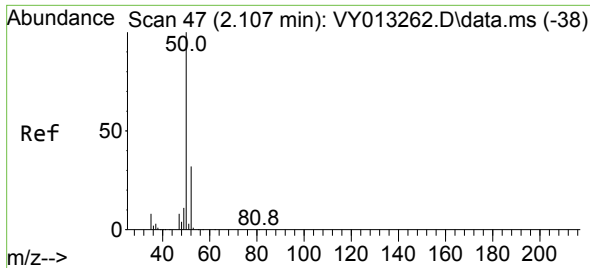
Tgt Ion:168 Resp: 263210
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 104.786 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 85 Resp: 248230
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.0

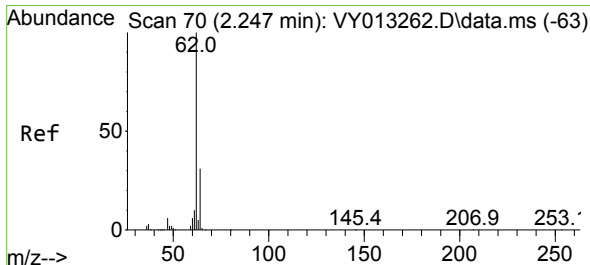
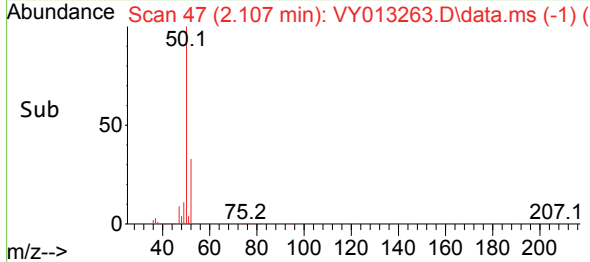
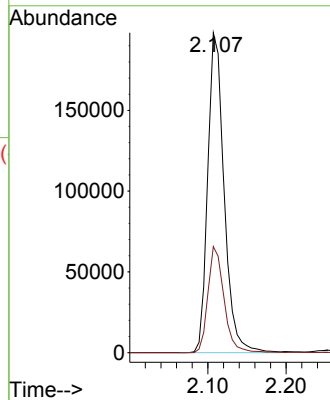
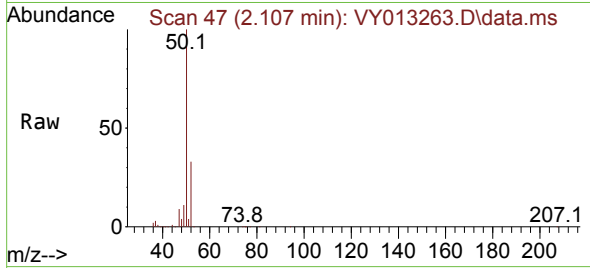




#3
Chloromethane
Concen: 96.742 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

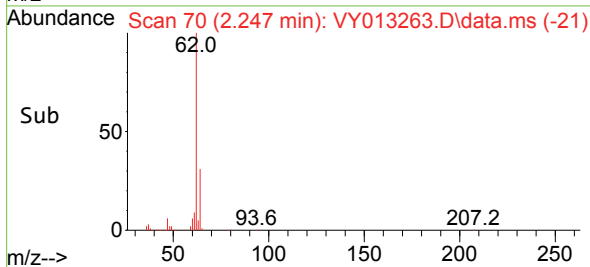
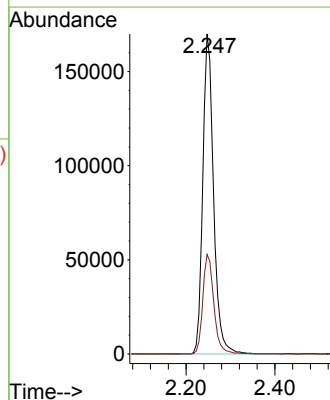
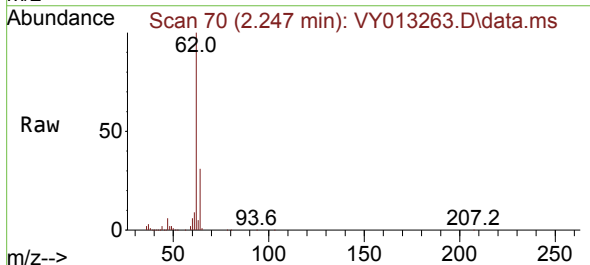
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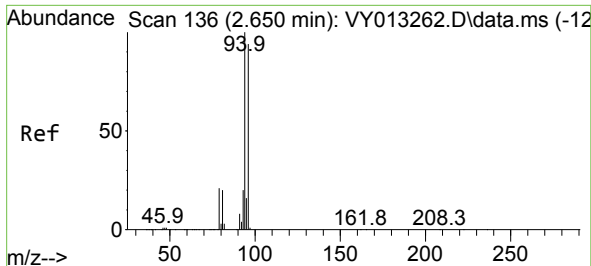
Tgt Ion: 50 Resp: 287114
Ion Ratio Lower Upper
50 100
52 33.1 26.0 39.0



#4
Vinyl Chloride
Concen: 102.153 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 62 Resp: 287441
Ion Ratio Lower Upper
62 100
64 31.1 25.6 38.4

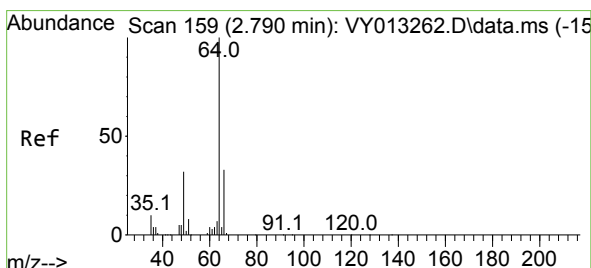
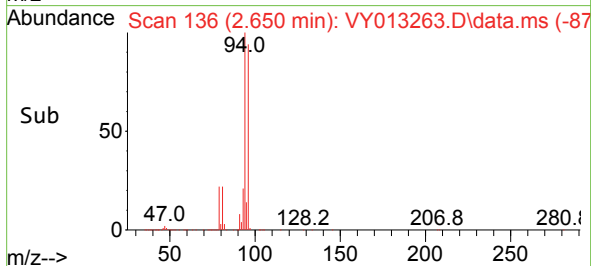
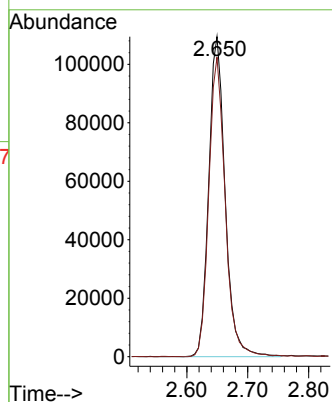
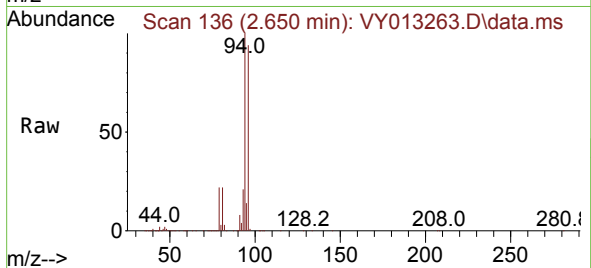




#5
Bromomethane
Concen: 94.860 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013263.D
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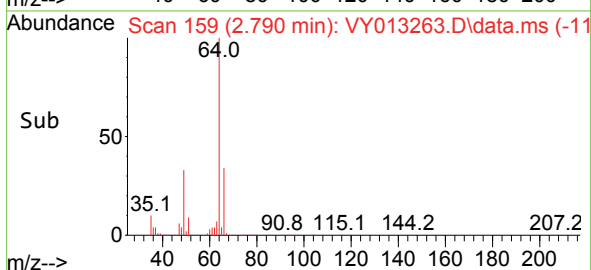
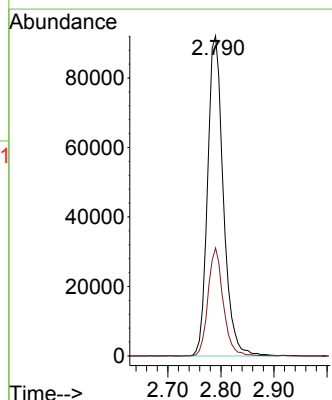
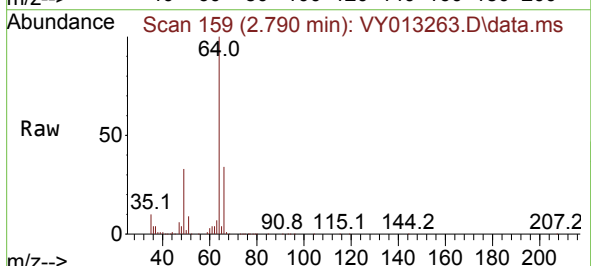
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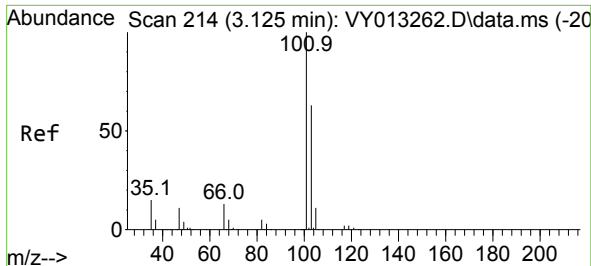
Tgt Ion: 94 Resp: 204685
Ion Ratio Lower Upper
94 100
96 93.5 80.3 120.5



#6
Chloroethane
Concen: 100.038 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 189835
Ion Ratio Lower Upper
64 100
66 33.8 25.7 38.5

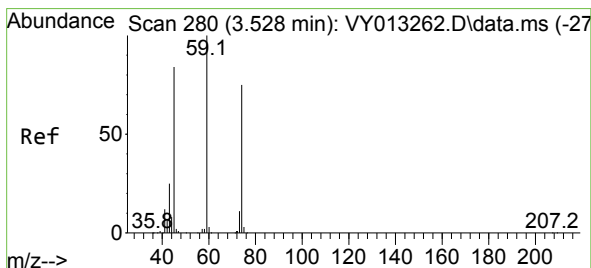
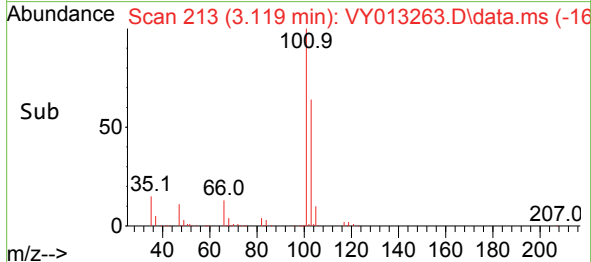
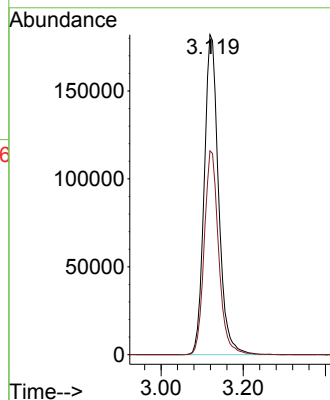
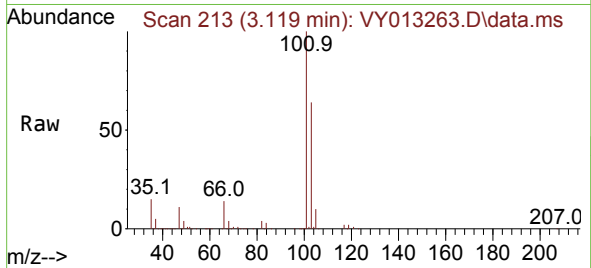




#7
 Trichlorofluoromethane
 Concen: 100.534 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013263.D
 Acq: 12 Apr 2023 12:18

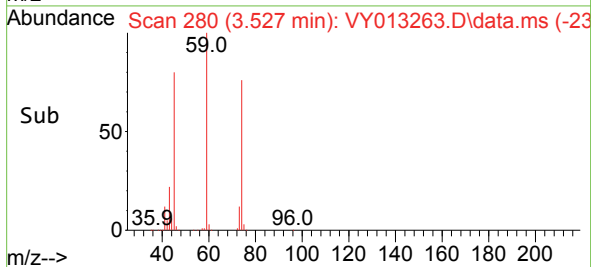
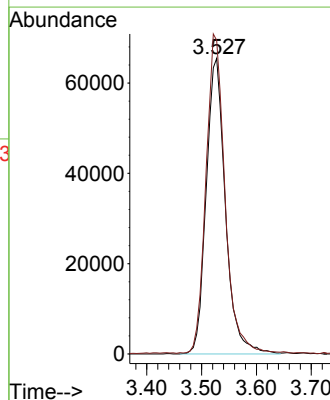
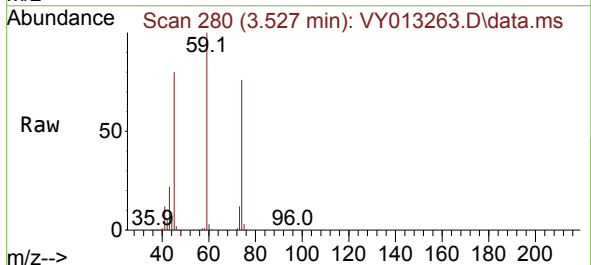
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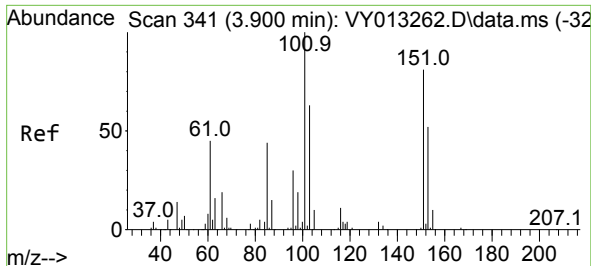
Tgt Ion:101 Resp: 440290
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.5 77.3



#8
 Diethyl Ether
 Concen: 100.069 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 159227
 Ion Ratio Lower Upper
 74 100
 45 107.3 52.1 156.4

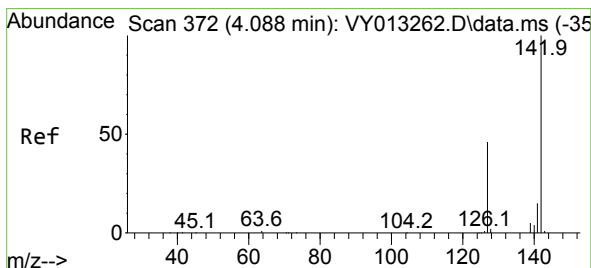
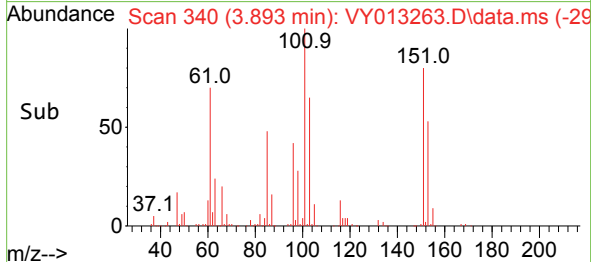
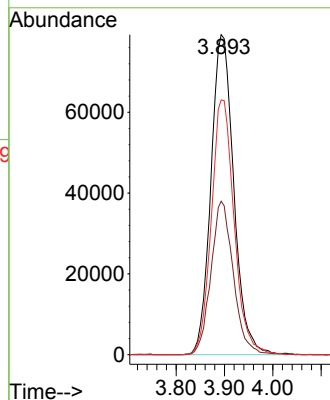
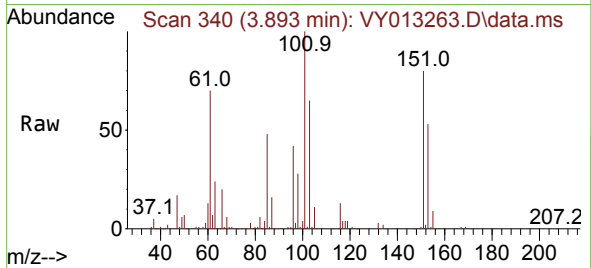




#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.922 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

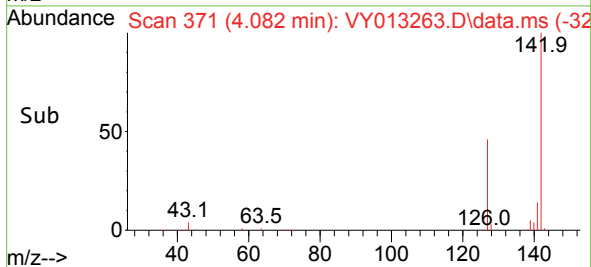
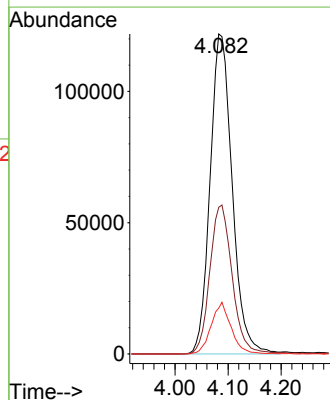
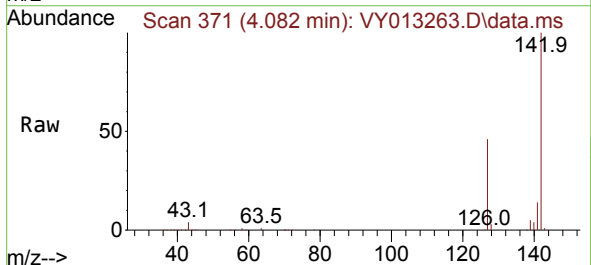
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

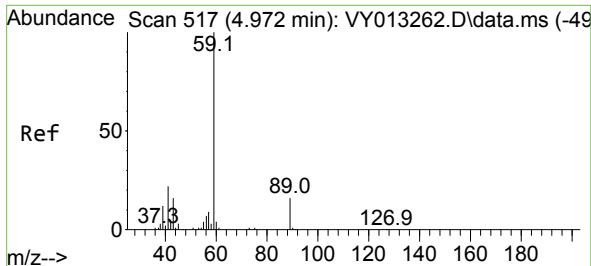
Tgt Ion:101 Resp: 259729
Ion Ratio Lower Upper
101 100
85 47.1 35.3 52.9
151 79.6 63.1 94.7



#10
Methyl Iodide
Concen: 111.824 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion:142 Resp: 353005
Ion Ratio Lower Upper
142 100
127 46.9 35.4 53.2
141 14.5 11.3 16.9

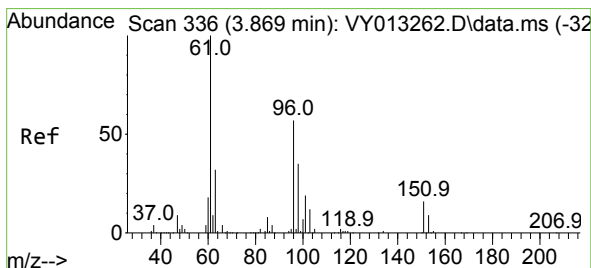
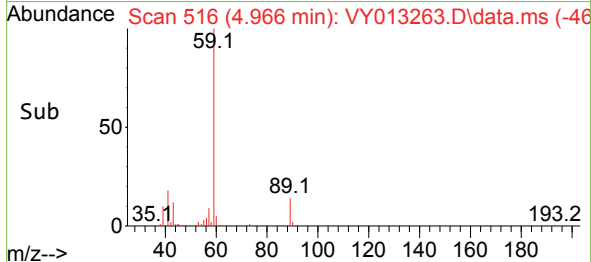
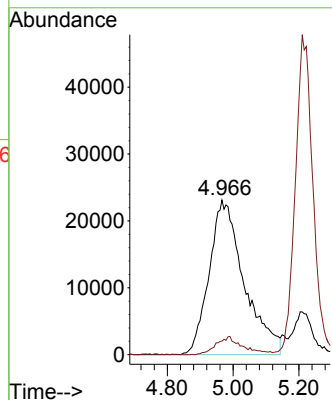
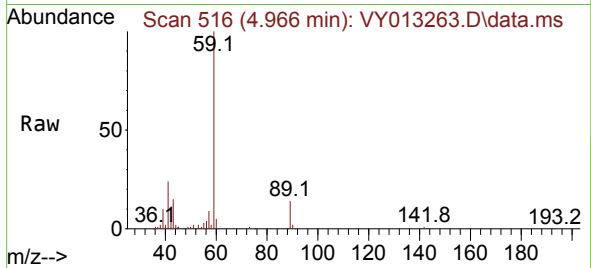




#11
Tert butyl alcohol
Concen: 337.428 ug/l
RT: 4.966 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

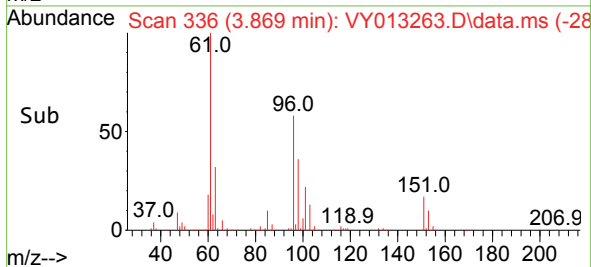
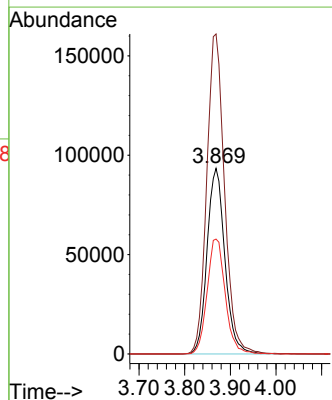
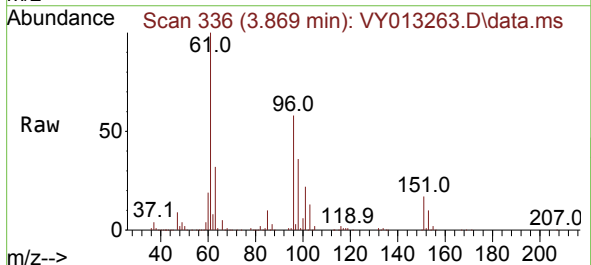
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

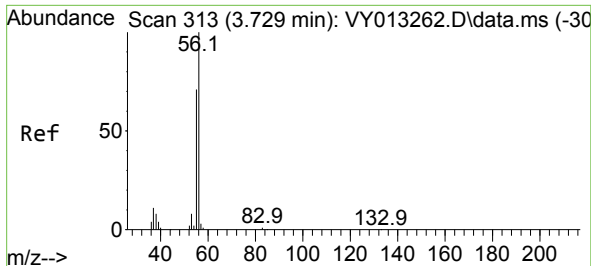
Tgt Ion: 59 Resp: 170577
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 102.244 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 96 Resp: 253236
Ion Ratio Lower Upper
96 100
61 172.4 131.7 197.5
98 61.9 52.0 78.0





#13

Acrolein

Concen: 502.612 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

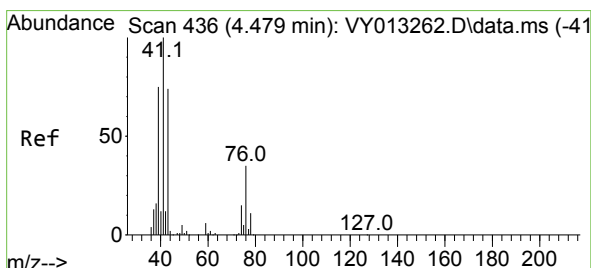
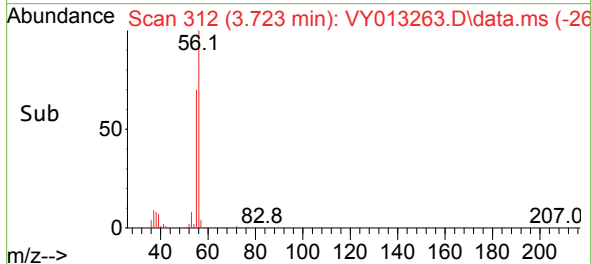
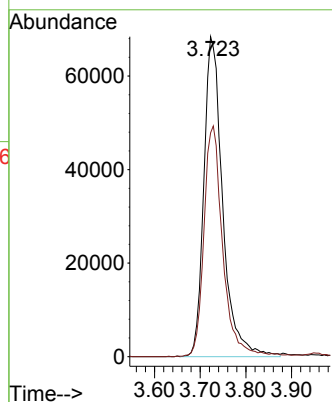
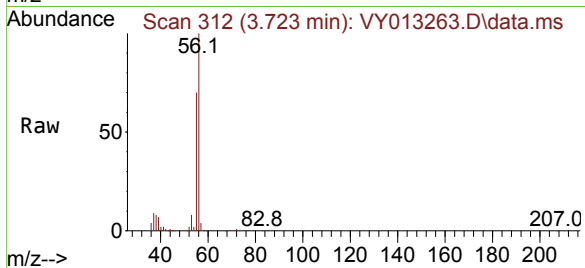
VSTDICC100

Tgt Ion: 56 Resp: 195304

Ion Ratio Lower Upper

56 100

55 71.7 56.8 85.2



#14

Allyl chloride

Concen: 103.726 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

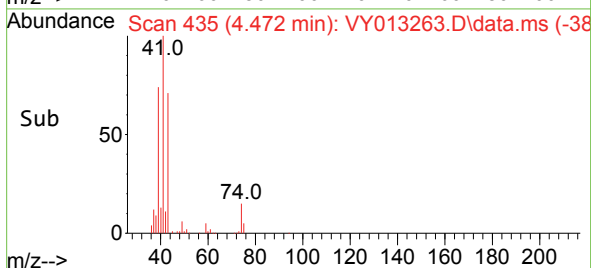
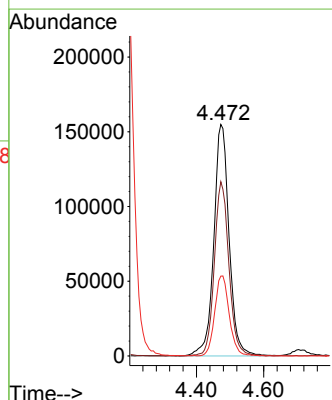
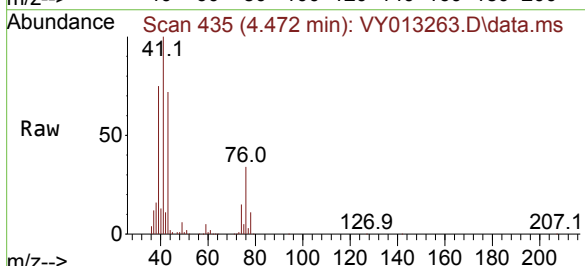
Tgt Ion: 41 Resp: 490755

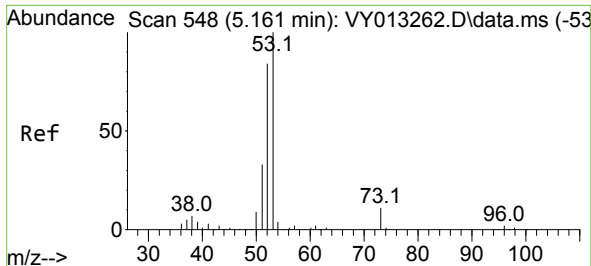
Ion Ratio Lower Upper

41 100

39 71.7 53.6 80.4

76 32.9 27.2 40.8

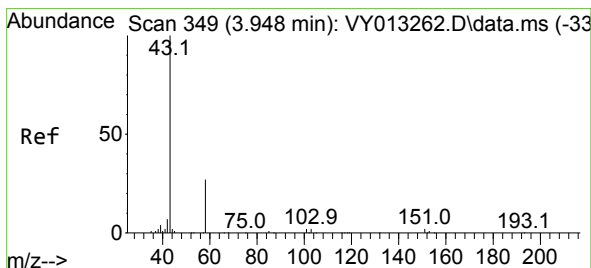
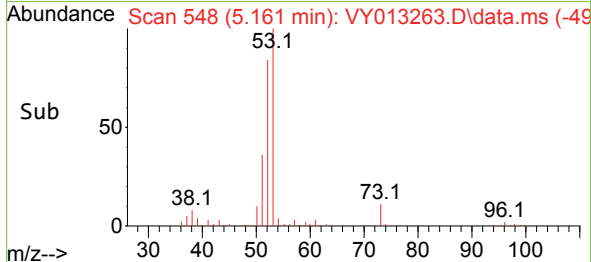
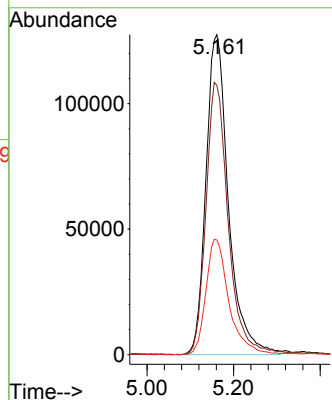
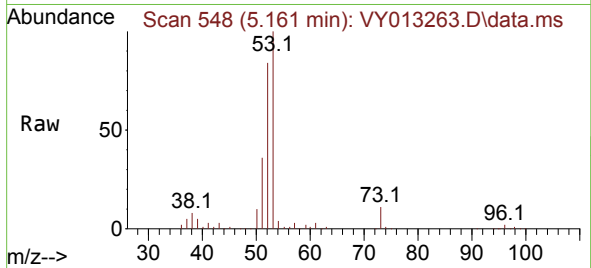




#15
Acrylonitrile
Concen: 504.316 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

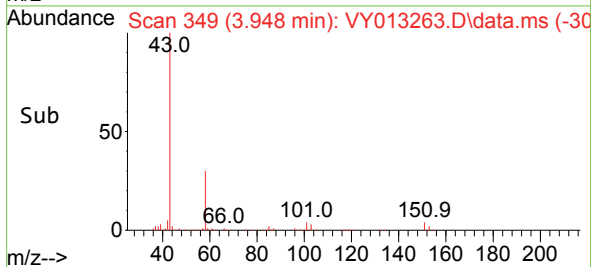
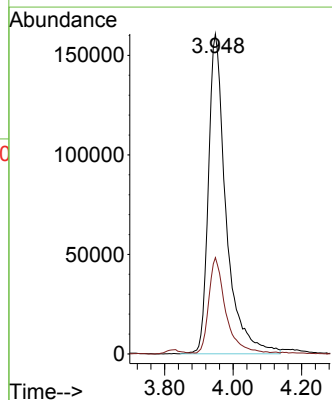
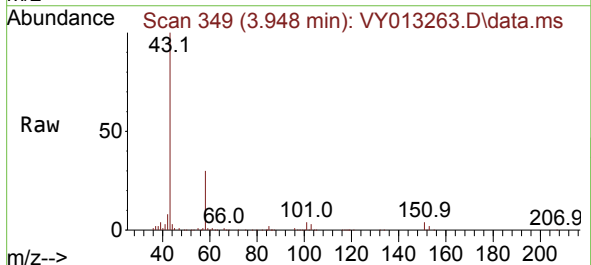
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

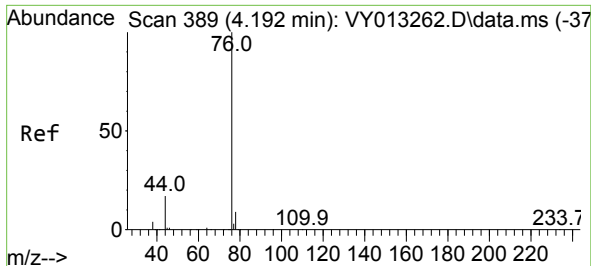
Tgt Ion: 53 Resp: 461116
Ion Ratio Lower Upper
53 100
52 84.5 66.3 99.5
51 37.1 28.8 43.2



#16
Acetone
Concen: 529.254 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 43 Resp: 575485
Ion Ratio Lower Upper
43 100
58 29.7 24.2 36.2

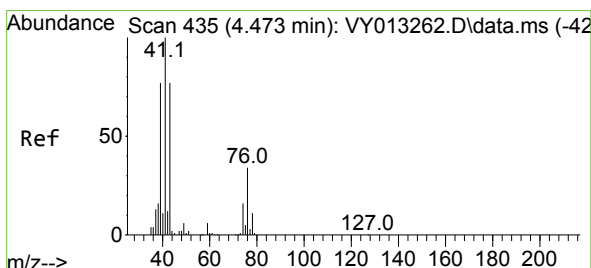
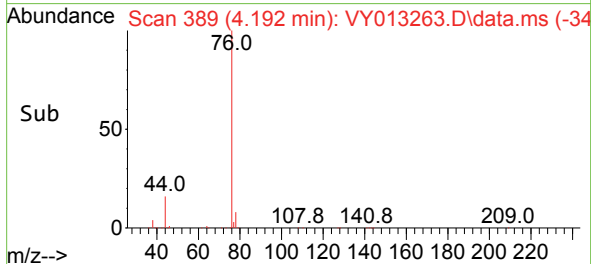
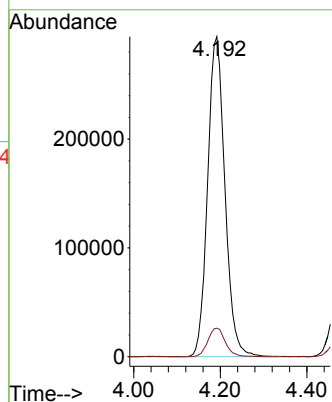
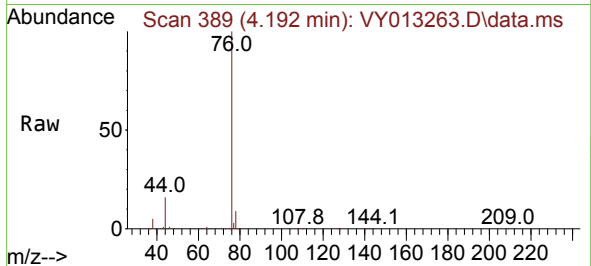




#17
Carbon Disulfide
Concen: 100.032 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

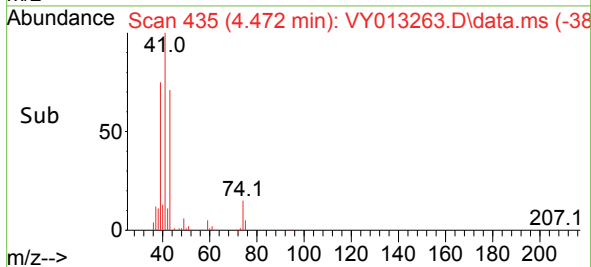
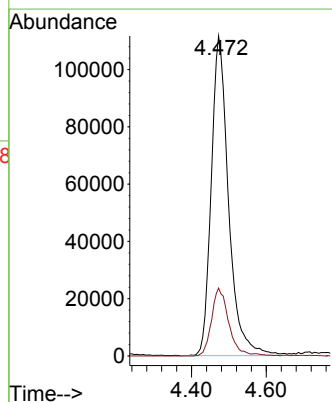
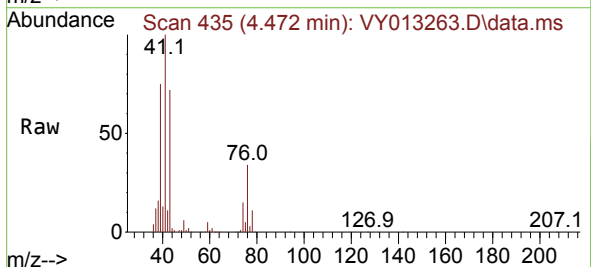
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

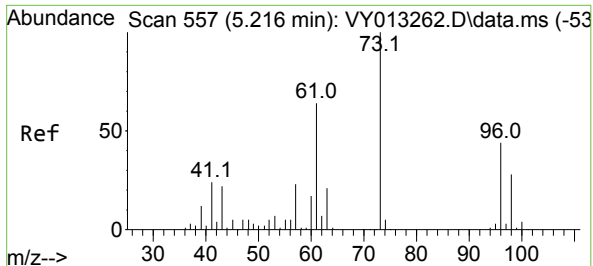
Tgt Ion: 76 Resp: 815681
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 101.843 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 43 Resp: 358233
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 106.312 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

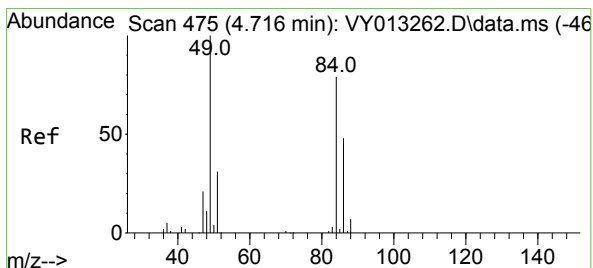
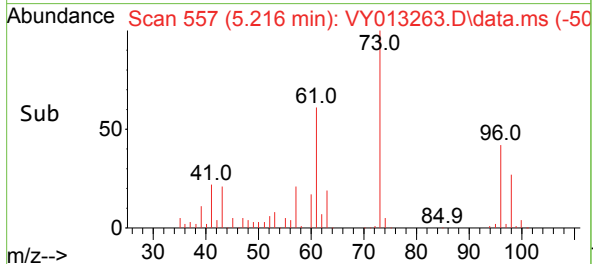
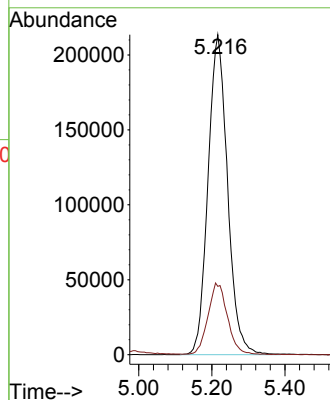
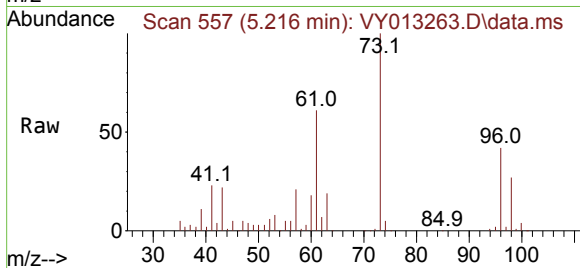
VSTDICC100

Tgt Ion: 73 Resp: 788765

Ion Ratio Lower Upper

73 100

57 21.2 18.3 27.5



#20

Methylene Chloride

Concen: 85.554 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Tgt Ion: 84 Resp: 288869

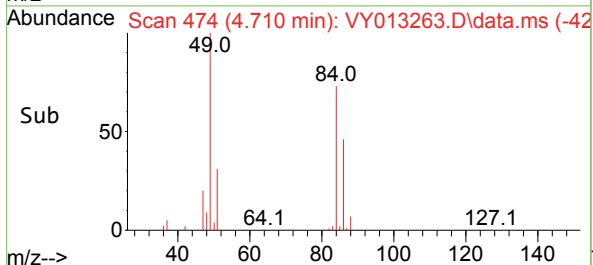
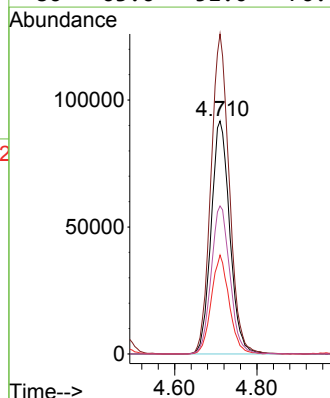
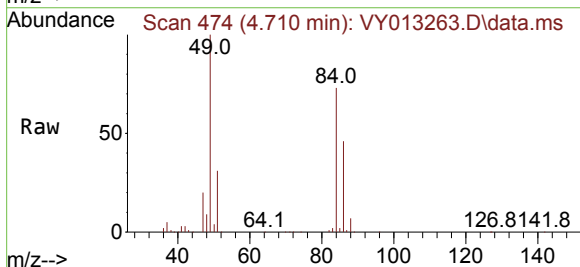
Ion Ratio Lower Upper

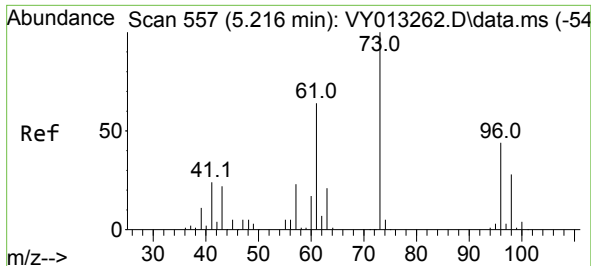
84 100

49 137.4 102.6 154.0

51 42.4 31.9 47.9

86 63.6 51.0 76.6

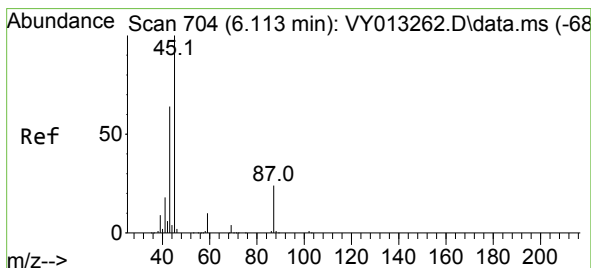
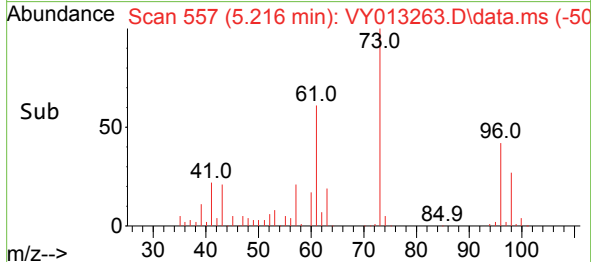
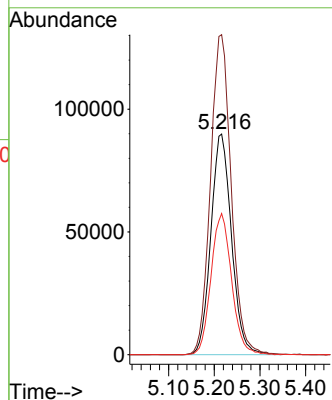
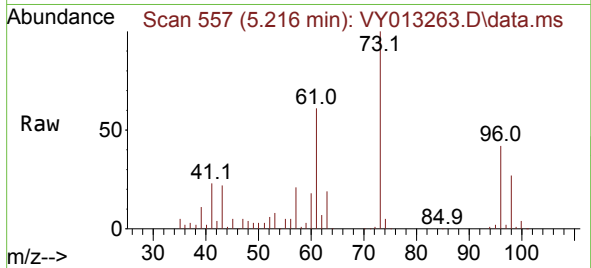




#21
trans-1,2-Dichloroethene
Concen: 99.866 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

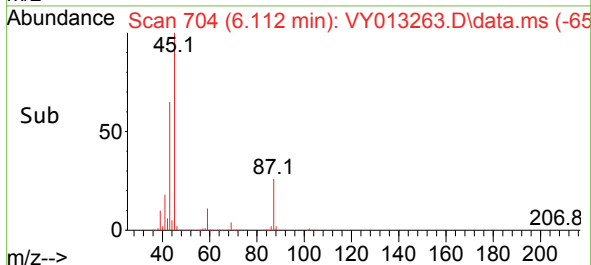
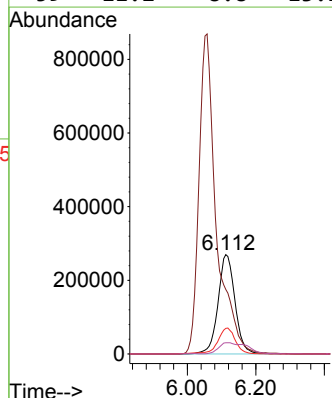
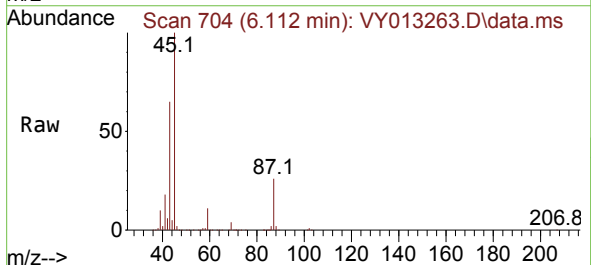
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

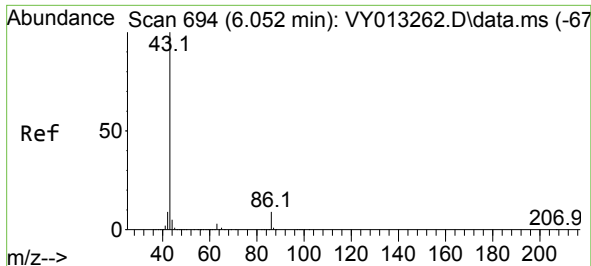
Tgt Ion: 96 Resp: 282355
Ion Ratio Lower Upper
96 100
61 145.0 111.4 167.0
98 64.0 50.8 76.2



#22
Diisopropyl ether
Concen: 98.905 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 45 Resp: 922223
Ion Ratio Lower Upper
45 100
43 64.7 45.0 67.6
87 25.7 20.3 30.5
59 11.2 8.8 13.2

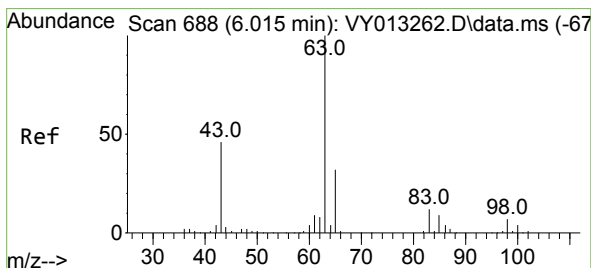
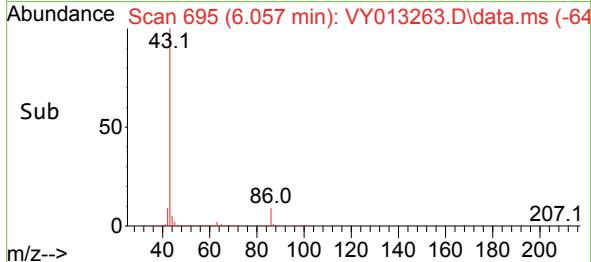
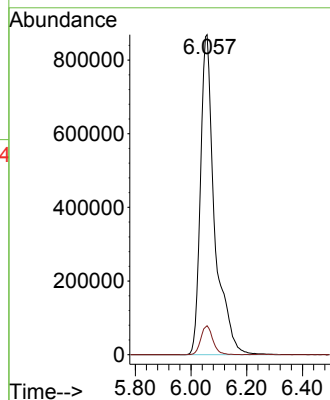
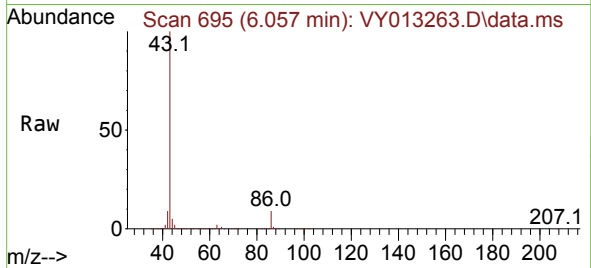




#23
 Vinyl Acetate
 Concen: 520.623 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY013263.D
 Acq: 12 Apr 2023 12:18

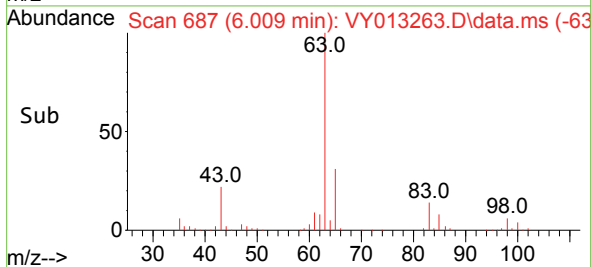
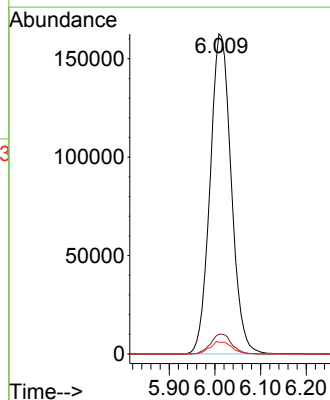
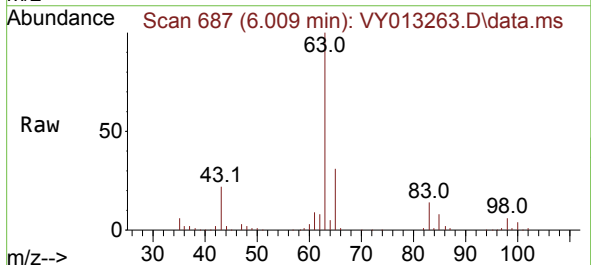
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

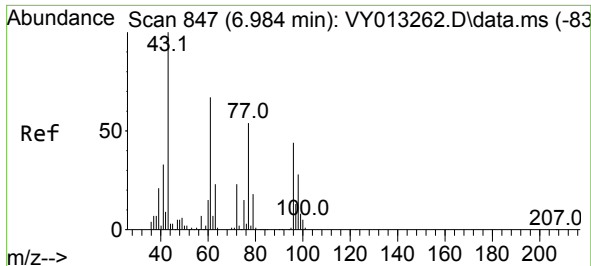
Tgt Ion: 43 Resp: 3068863
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 100.366 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013263.D
 Acq: 12 Apr 2023 12:18

Tgt Ion: 63 Resp: 522758
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.7 11.1
 100 3.7 2.3 6.8

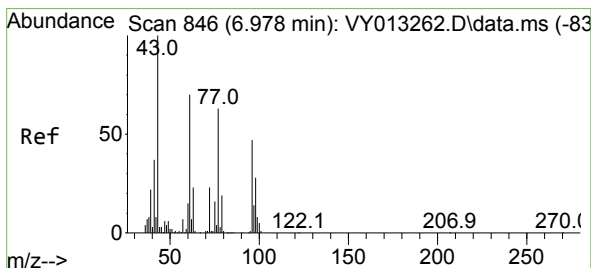
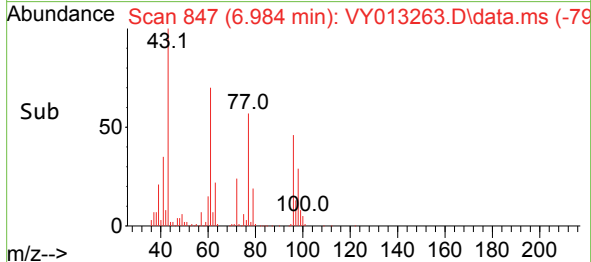
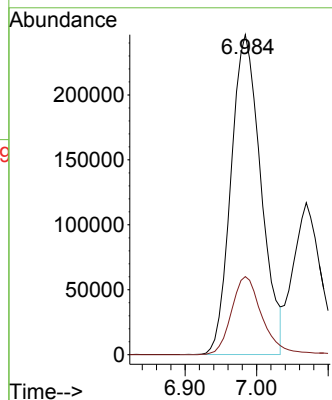
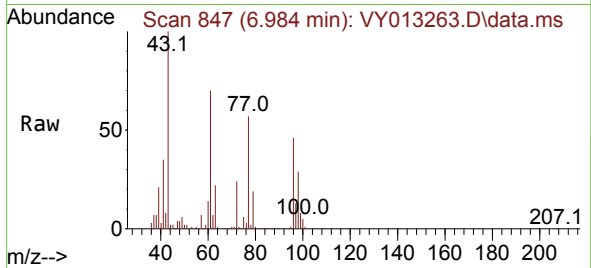




#25
2-Butanone
Concen: 513.335 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

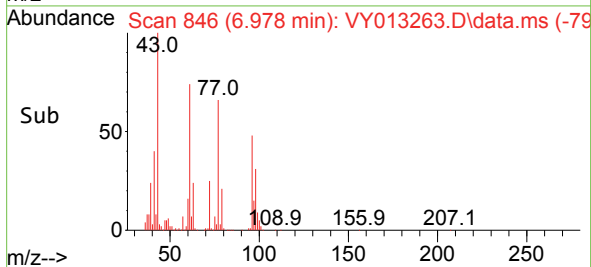
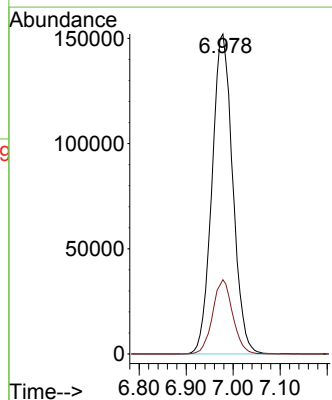
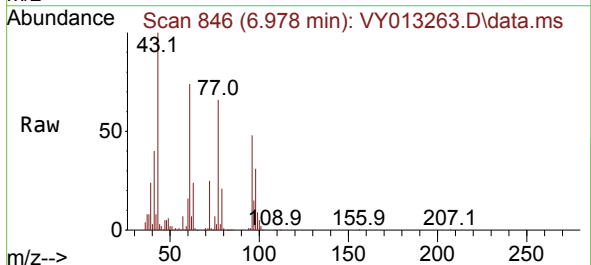
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

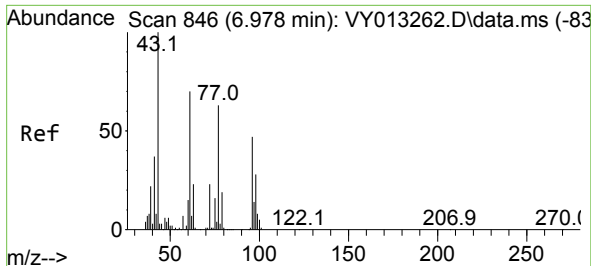
Tgt Ion: 43 Resp: 714845
Ion Ratio Lower Upper
43 100
72 24.4 21.0 31.4



#26
2,2-Dichloropropane
Concen: 99.597 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 77 Resp: 465407
Ion Ratio Lower Upper
77 100
97 22.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 101.597 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

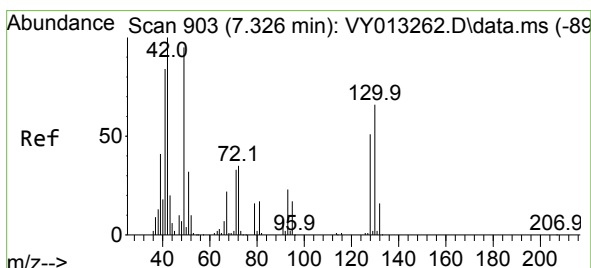
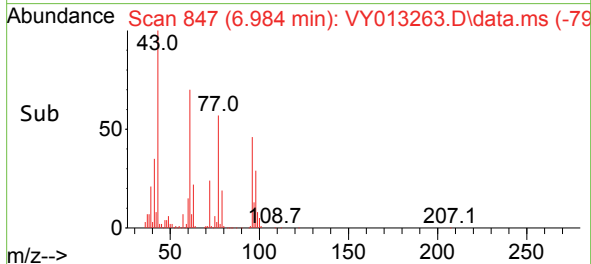
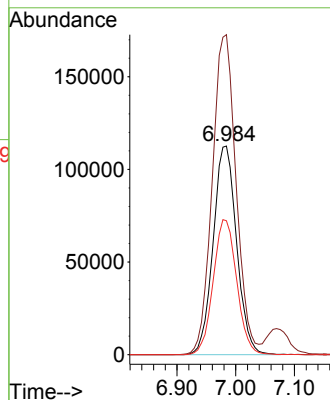
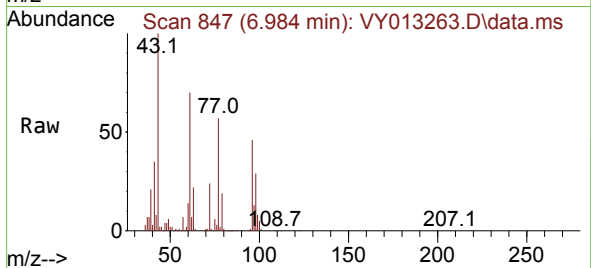
Tgt Ion: 96 Resp: 312346

Ion Ratio Lower Upper

96 100

61 155.9 0.0 295.8

98 64.9 0.0 130.2



#28

Bromochloromethane

Concen: 98.411 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

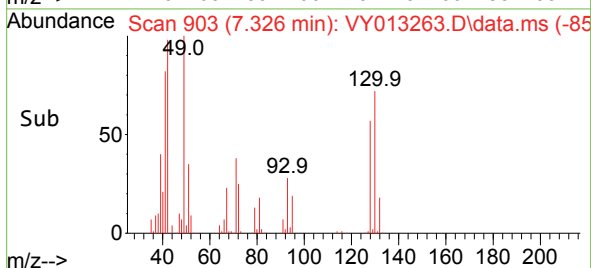
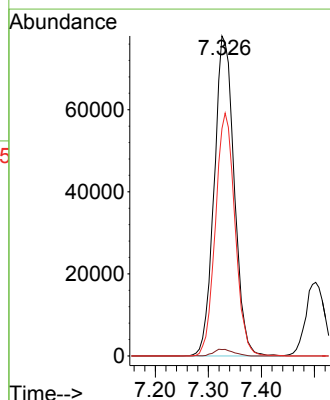
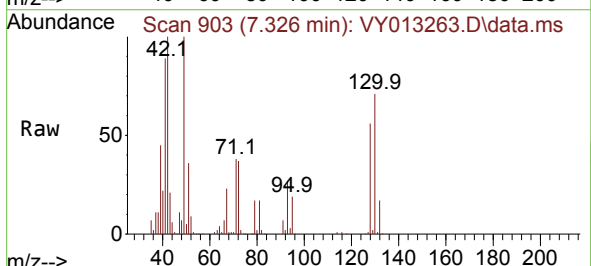
Tgt Ion: 49 Resp: 204284

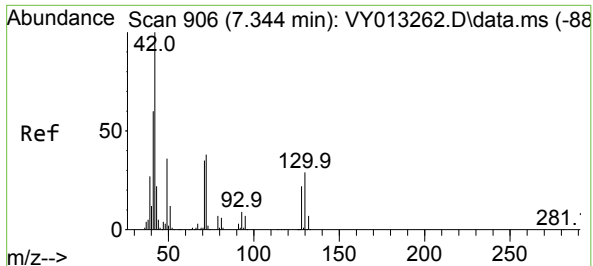
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 74.2 60.5 90.7





#29

Tetrahydrofuran

Concen: 521.996 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

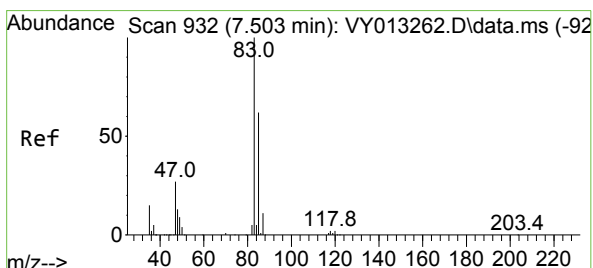
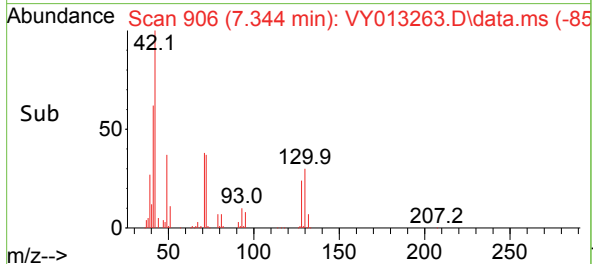
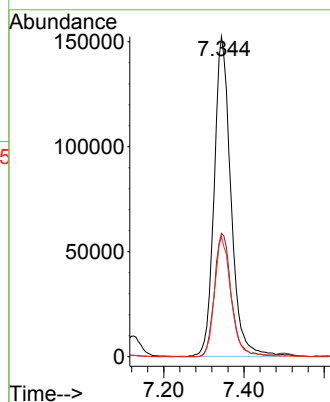
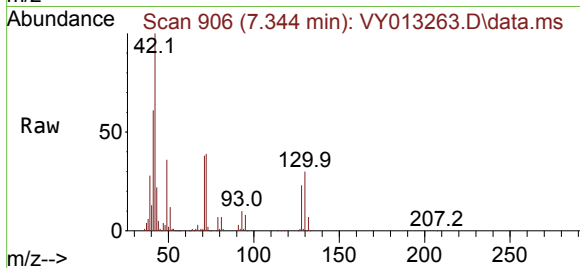
Tgt Ion: 42 Resp: 441490

Ion Ratio Lower Upper

42 100

72 39.1 32.3 48.5

71 37.3 30.3 45.5



#30

Chloroform

Concen: 99.876 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY013263.D

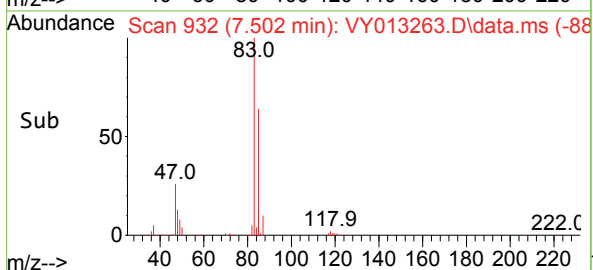
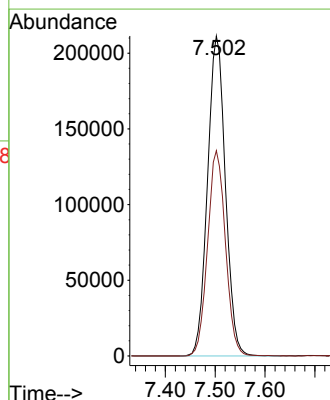
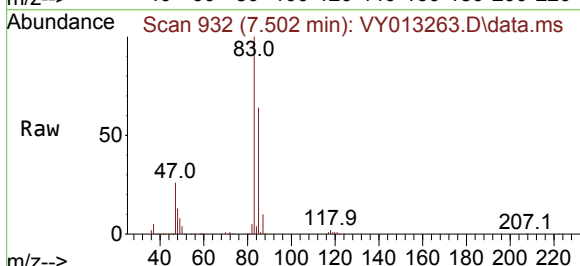
Acq: 12 Apr 2023 12:18

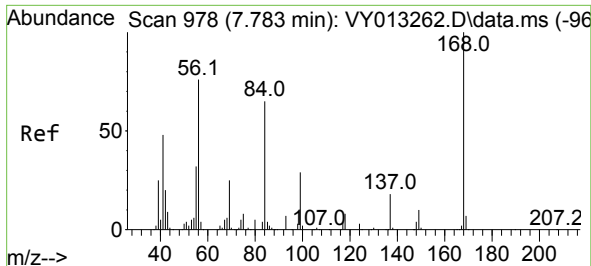
Tgt Ion: 83 Resp: 526431

Ion Ratio Lower Upper

83 100

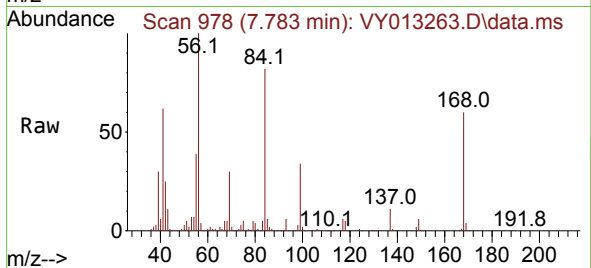
85 64.2 51.4 77.0



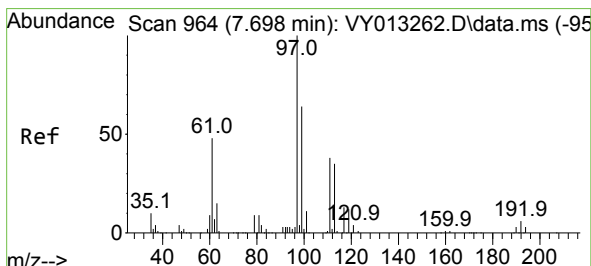
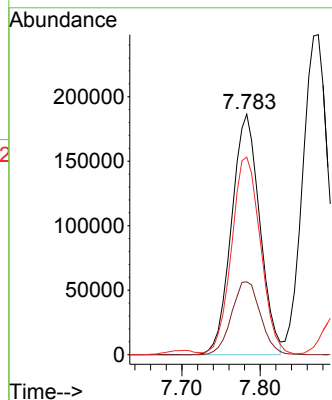
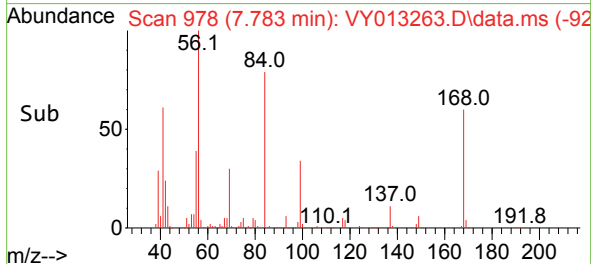


#31
Cyclohexane
Concen: 97.604 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

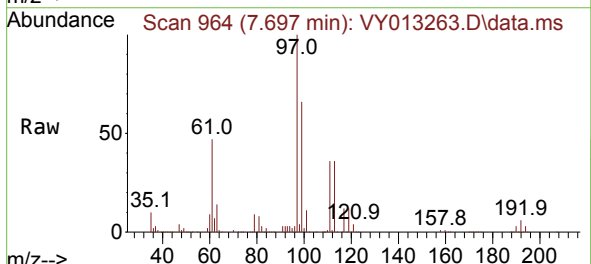
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



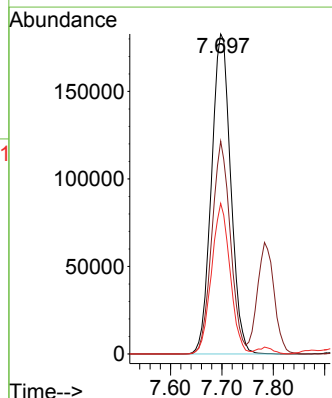
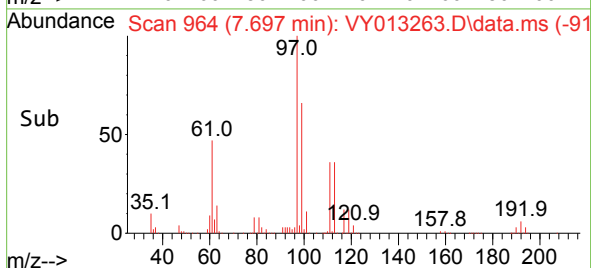
Tgt Ion: 56 Resp: 466825
Ion Ratio Lower Upper
56 100
69 30.3 25.7 38.5
84 80.5 64.3 96.5

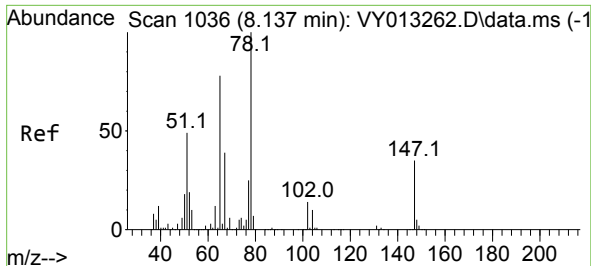


#32
1,1,1-Trichloroethane
Concen: 99.720 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18



Tgt Ion: 97 Resp: 475491
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 45.6 34.5 51.7

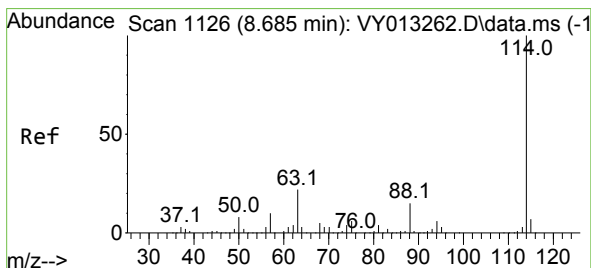
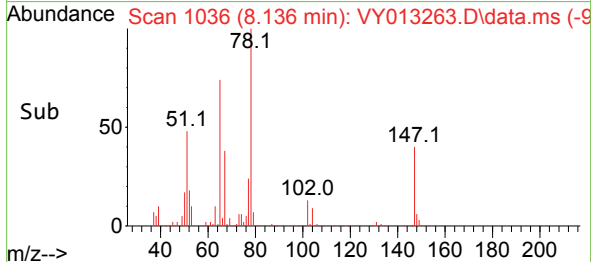
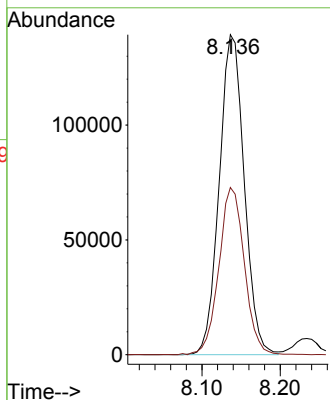
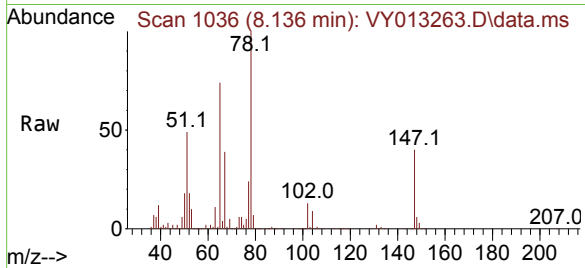




#33
 1,2-Dichloroethane-d4
 Concen: 97.762 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY013263.D
 Acq: 12 Apr 2023 12:18

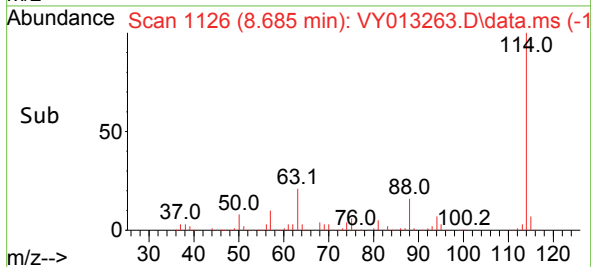
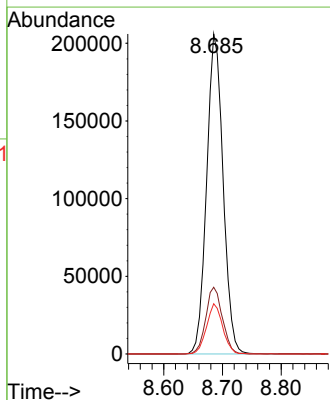
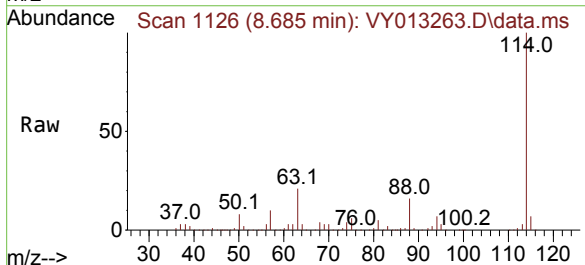
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

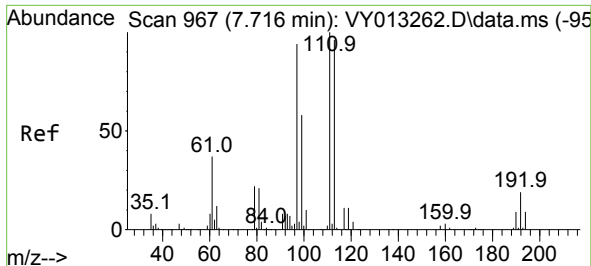
Tgt Ion: 65 Resp: 309240
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY013263.D
 Acq: 12 Apr 2023 12:18

Tgt Ion: 114 Resp: 400709
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 37.4
 88 15.7 0.0 28.6

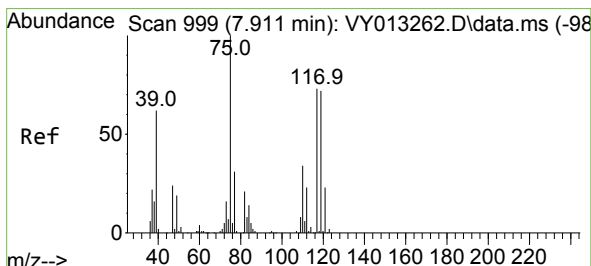
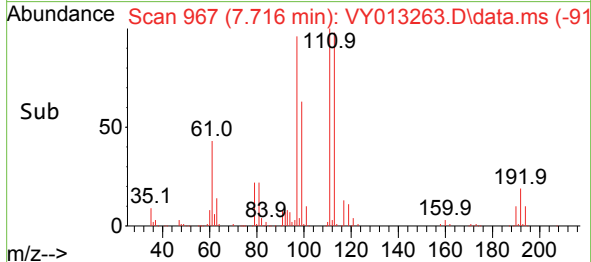
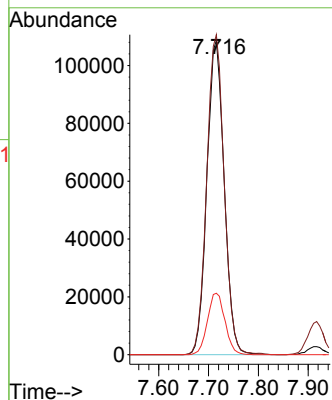
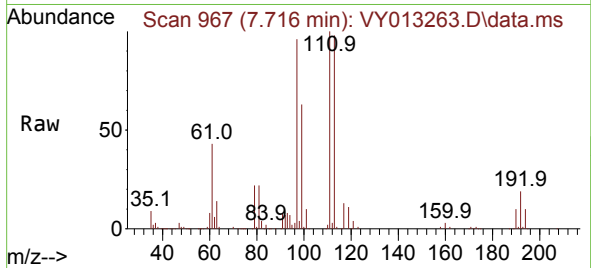




#35
Dibromofluoromethane
Concen: 100.737 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

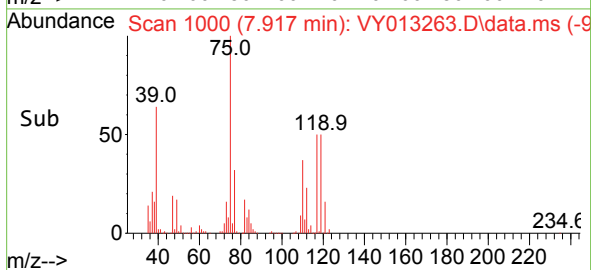
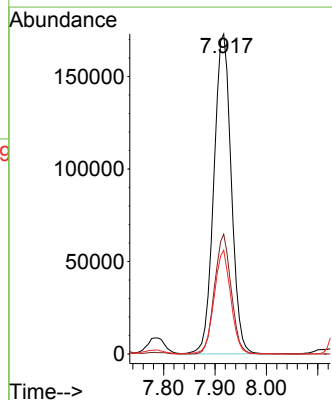
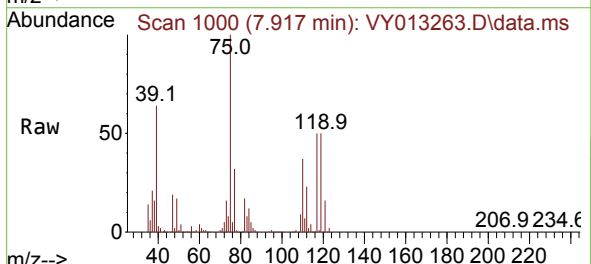
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

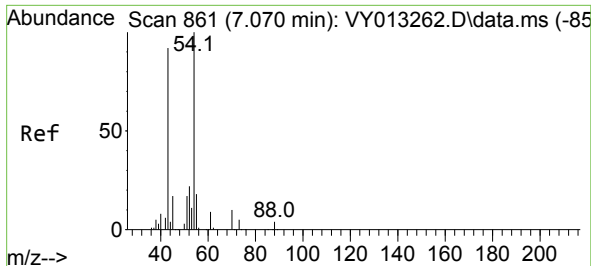
Tgt Ion:113 Resp: 261328
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 103.560 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 75 Resp: 406990
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.3
77 31.2 25.0 37.4

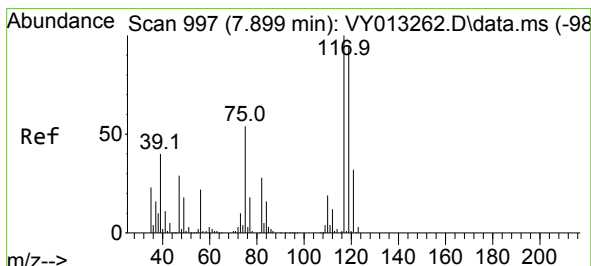
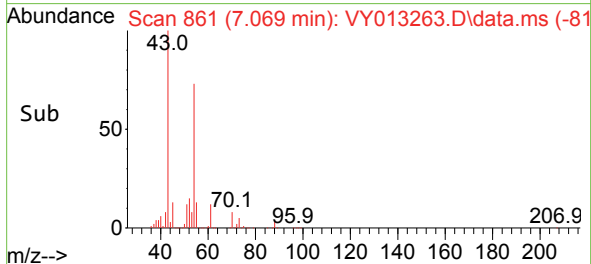
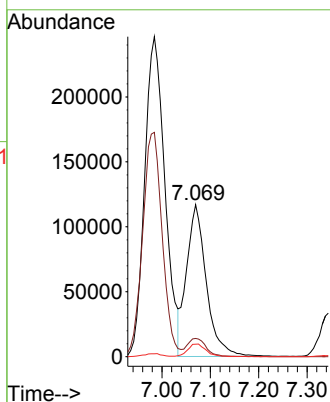
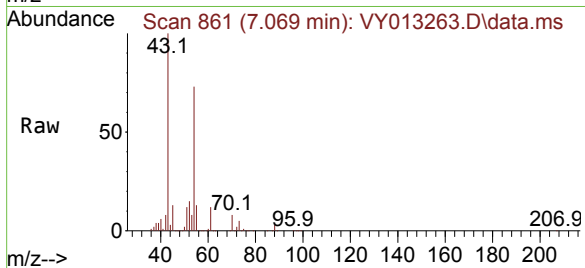




#37
Ethyl Acetate
Concen: 104.891 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

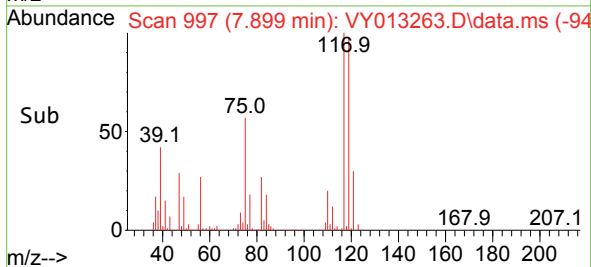
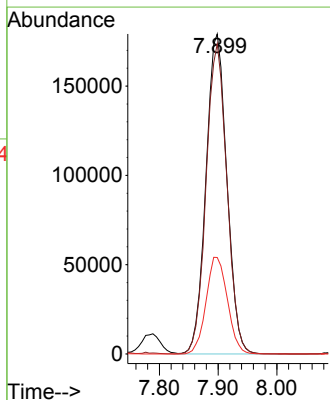
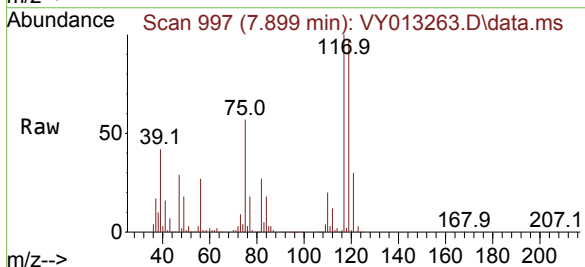
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

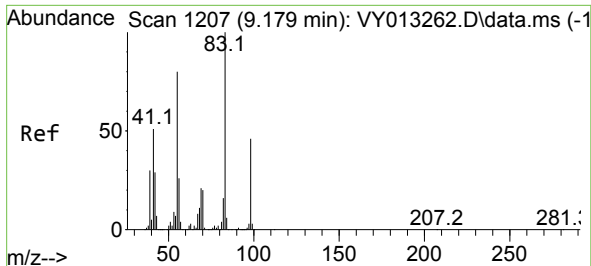
Tgt Ion: 43 Resp: 332284
Ion Ratio Lower Upper
43 100
61 11.5 10.7 16.1
70 7.6 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 102.062 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 117 Resp: 443520
Ion Ratio Lower Upper
117 100
119 96.9 77.2 115.8
121 30.1 24.7 37.1





#39

Methylcyclohexane

Concen: 109.497 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

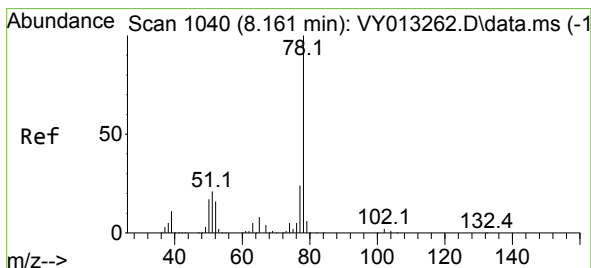
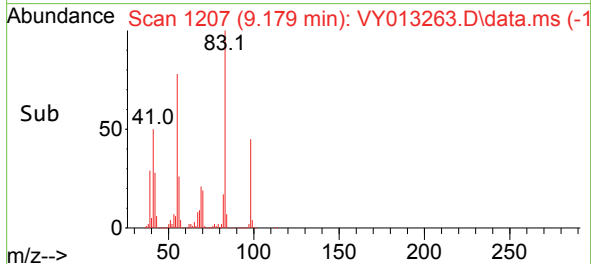
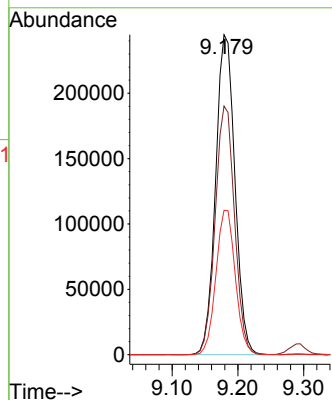
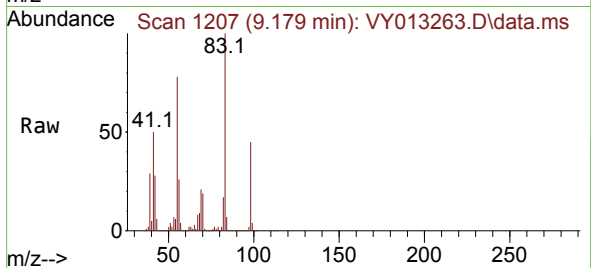
Tgt Ion: 83 Resp: 500257

Ion Ratio Lower Upper

83 100

55 77.7 60.0 90.0

98 45.1 38.3 57.5



#40

Benzene

Concen: 100.852 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013263.D

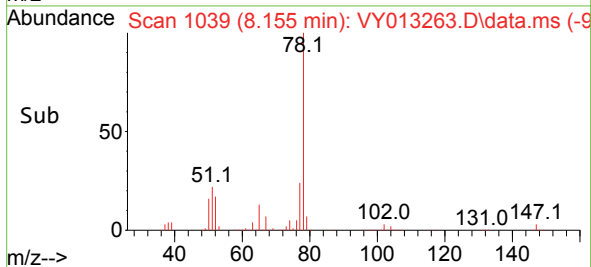
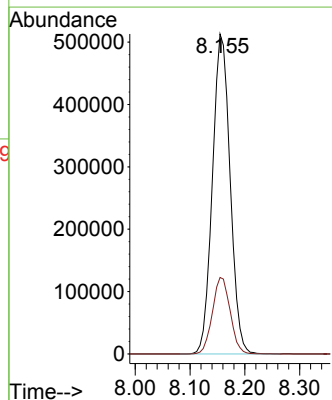
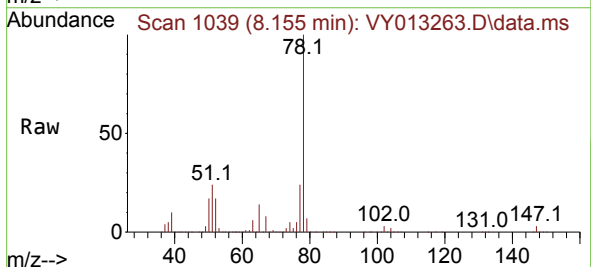
Acq: 12 Apr 2023 12:18

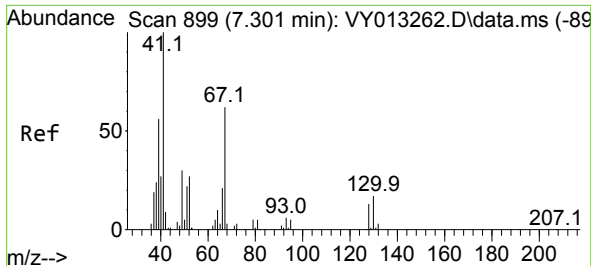
Tgt Ion: 78 Resp: 1147137

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

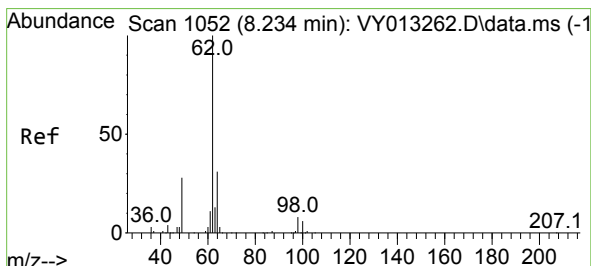
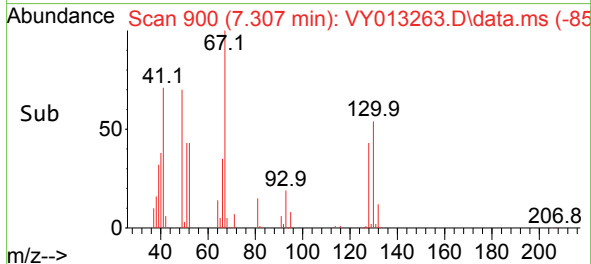
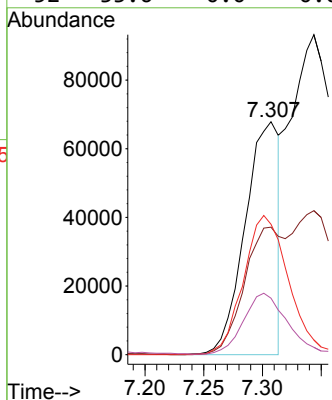
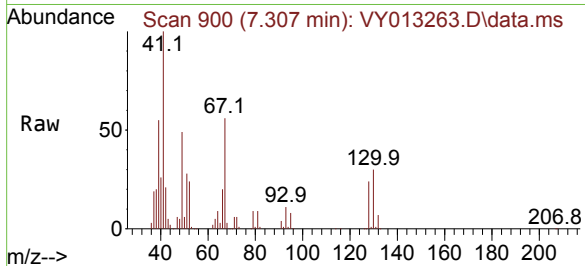




#41
Methacrylonitrile
Concen: 95.928 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.006 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

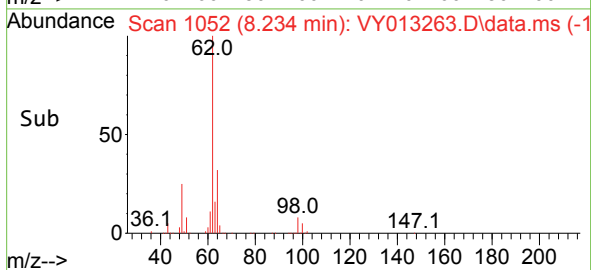
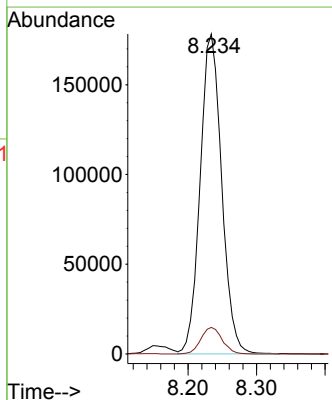
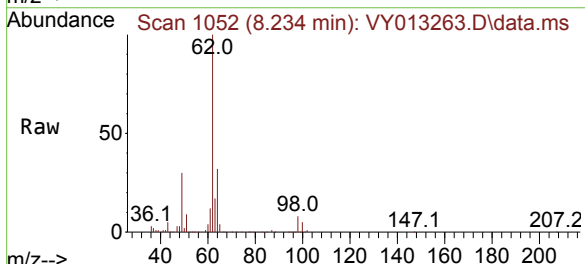
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

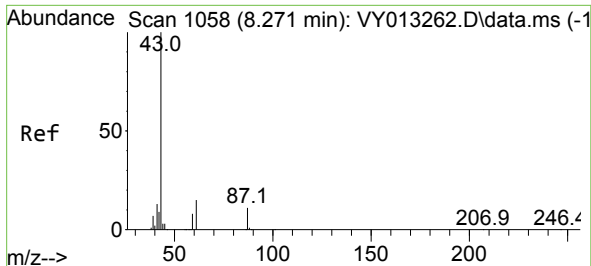
Tgt Ion: 41 Resp: 137319
Ion Ratio Lower Upper
41 100
39 64.3 0.0 0.0#
67 79.6 0.0 0.0#
52 33.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 100.800 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 62 Resp: 388734
Ion Ratio Lower Upper
62 100
98 8.2 0.0 18.8

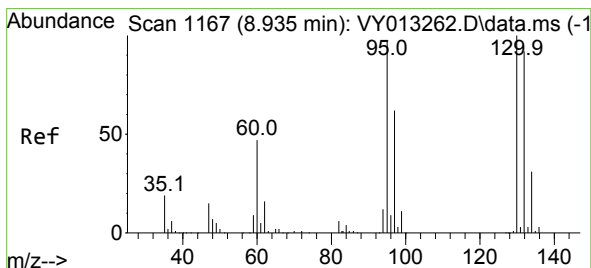
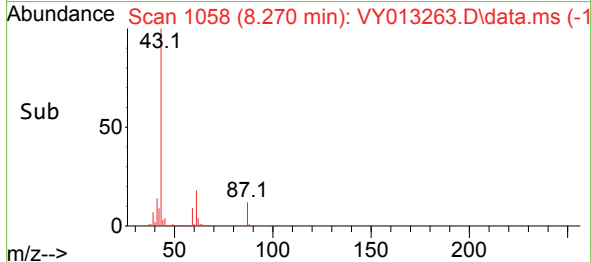
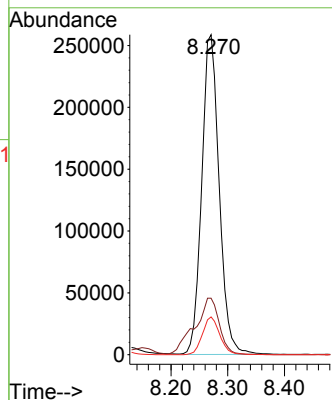
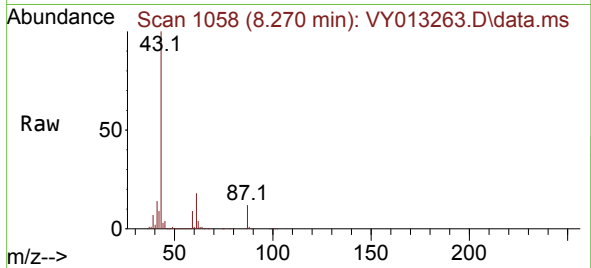




#43
Isopropyl Acetate
Concen: 105.177 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

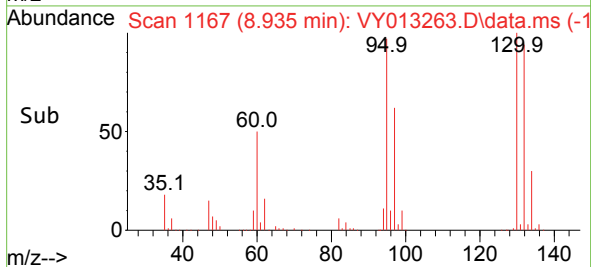
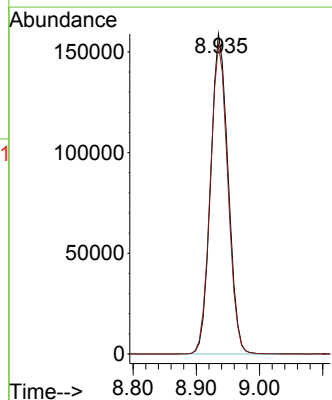
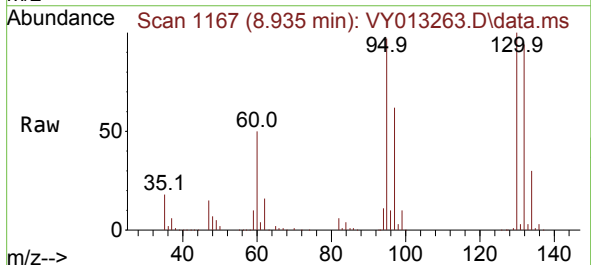
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

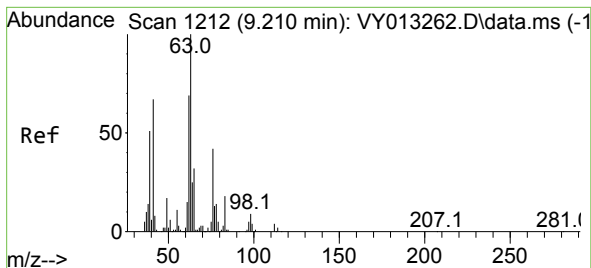
Tgt Ion: 43 Resp: 553429
Ion Ratio Lower Upper
43 100
61 25.0 21.6 32.4
87 11.7 9.9 14.9



#44
Trichloroethene
Concen: 103.914 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion:130 Resp: 304479
Ion Ratio Lower Upper
130 100
95 96.7 0.0 185.0





#45

1,2-Dichloropropane

Concen: 101.583 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

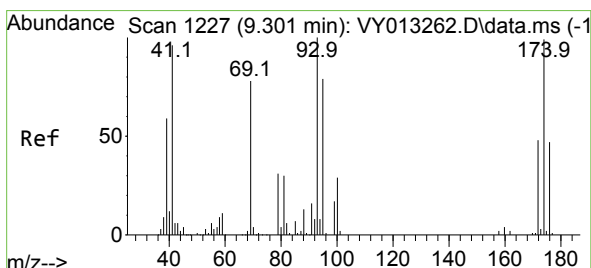
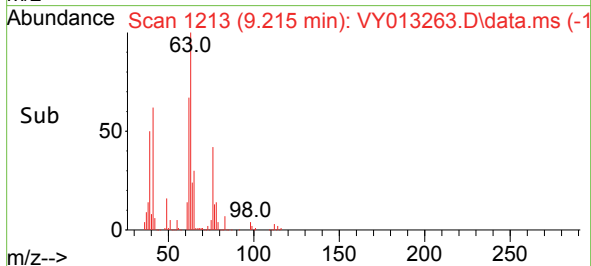
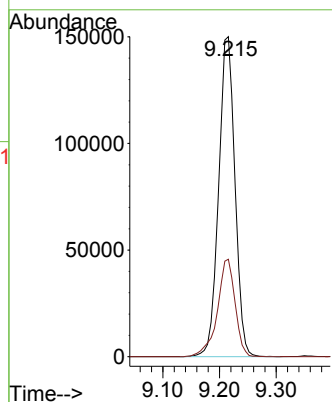
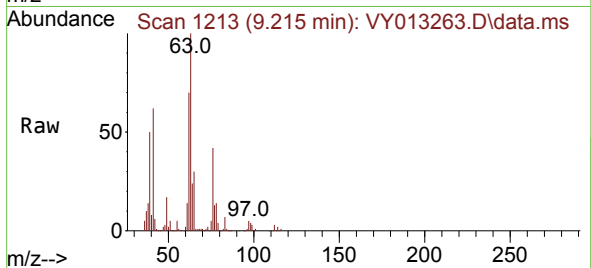
VSTDIC100

Tgt Ion: 63 Resp: 299900

Ion Ratio Lower Upper

63 100

65 30.4 25.7 38.5



#46

Dibromomethane

Concen: 100.848 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

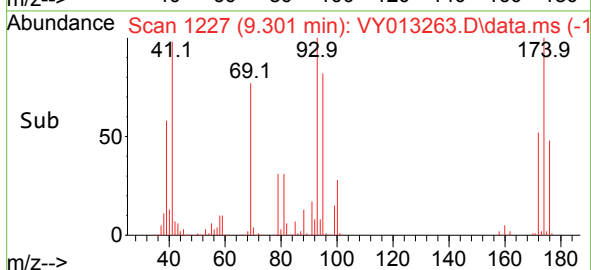
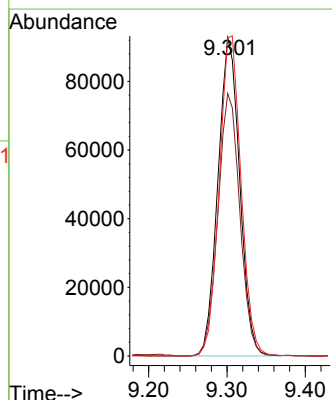
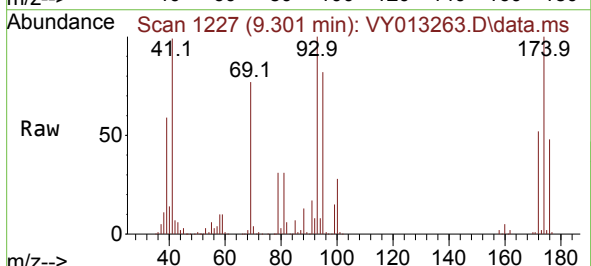
Tgt Ion: 93 Resp: 179188

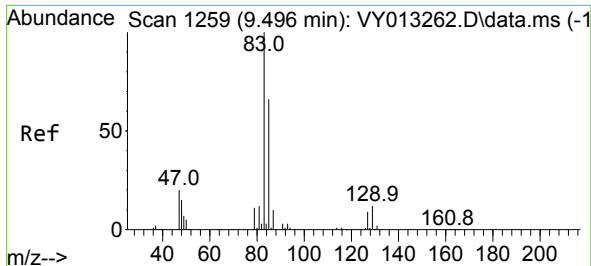
Ion Ratio Lower Upper

93 100

95 83.0 65.6 98.4

174 100.8 81.3 121.9

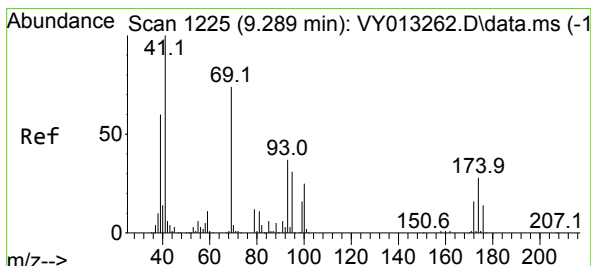
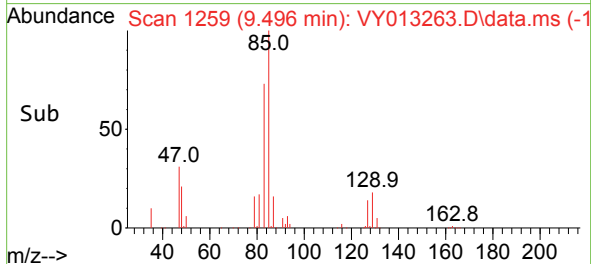
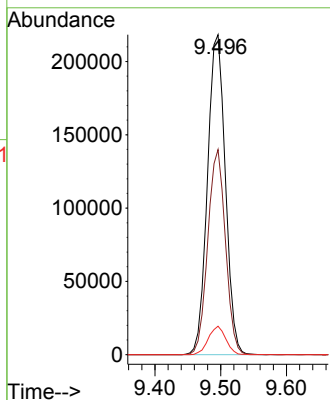
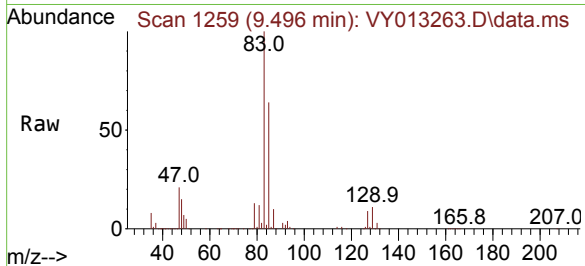




#47
Bromodichloromethane
Concen: 101.623 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

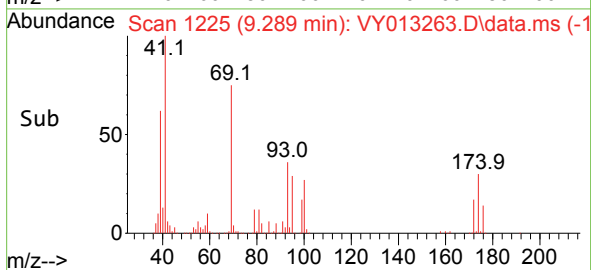
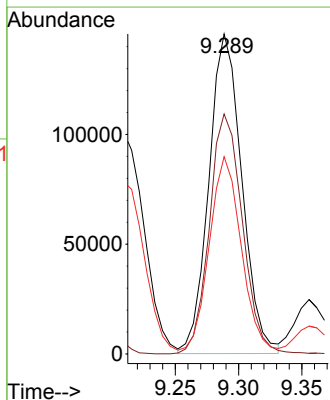
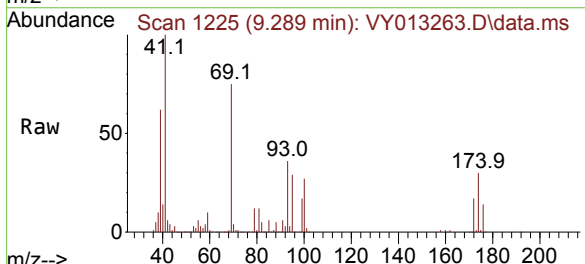
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

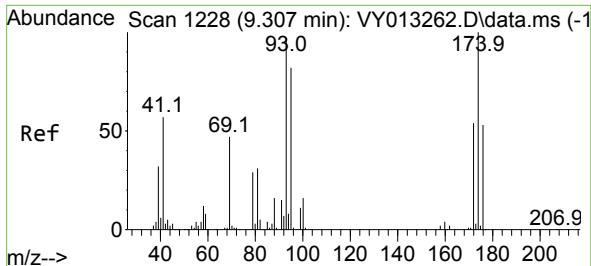
Tgt Ion: 83 Resp: 412783
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 109.286 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 41 Resp: 264140
Ion Ratio Lower Upper
41 100
69 75.2 64.1 96.1
39 58.0 44.0 66.0





#49

1,4-Dioxane

Concen: 2223.143 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

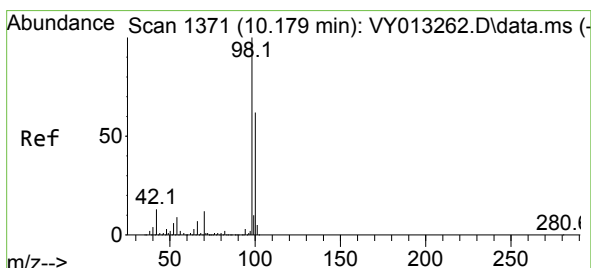
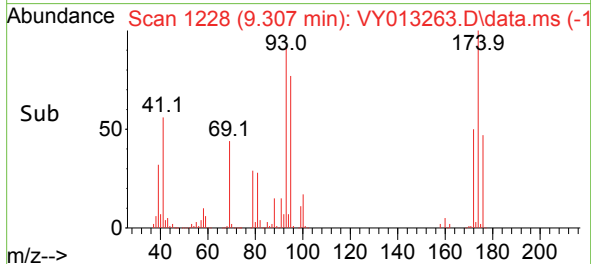
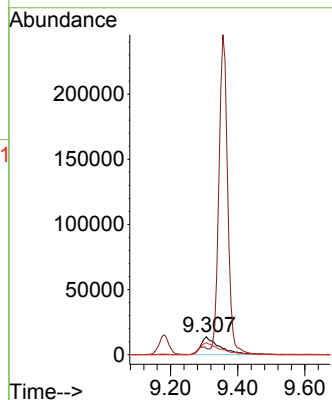
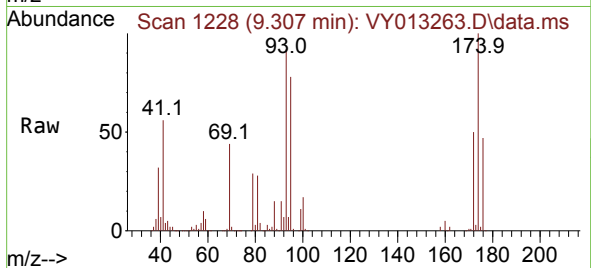
Tgt Ion: 88 Resp: 53519

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

58 73.0 55.2 82.8



#50

Toluene-d8

Concen: 101.916 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013263.D

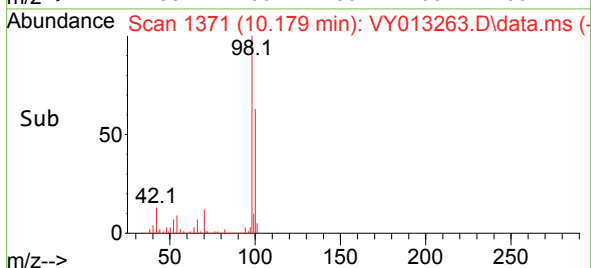
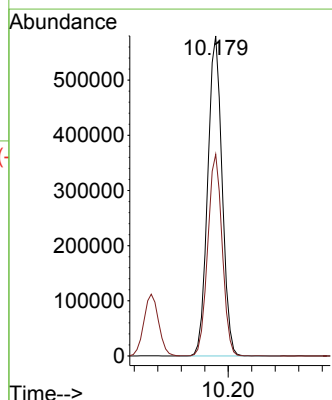
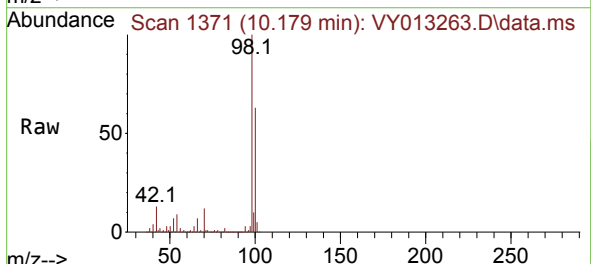
Acq: 12 Apr 2023 12:18

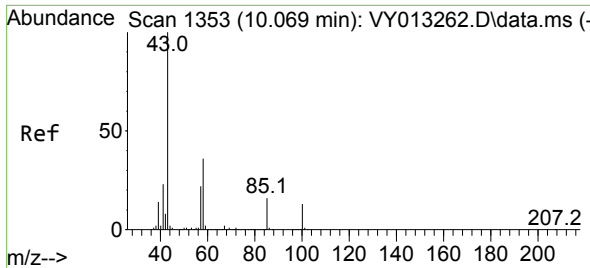
Tgt Ion: 98 Resp: 984088

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3

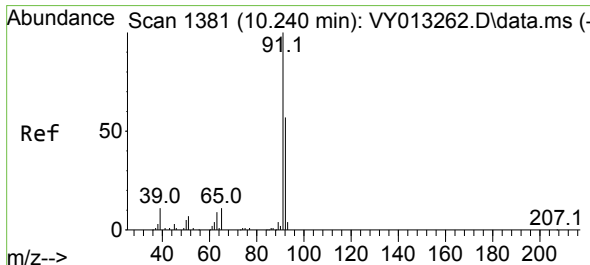
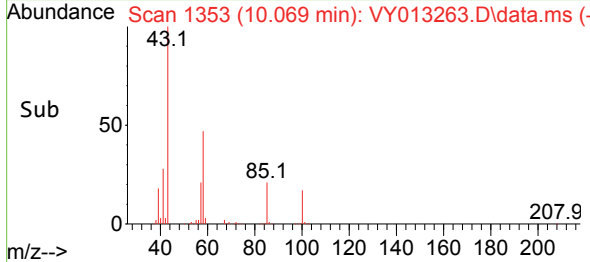
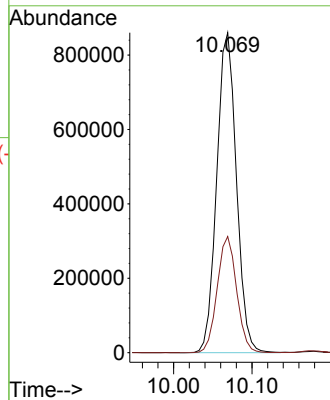
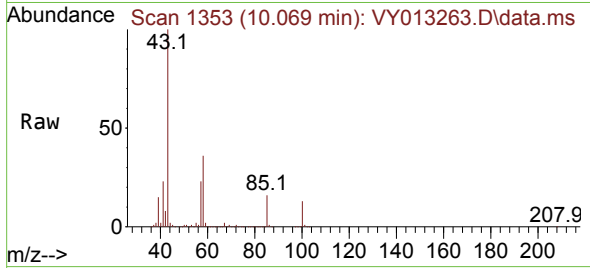




#51
4-Methyl-2-Pentanone
Concen: 523.923 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

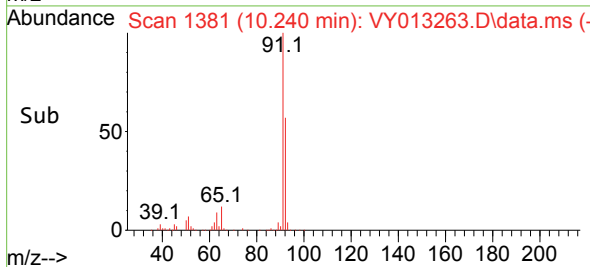
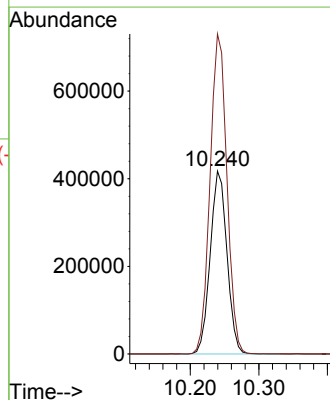
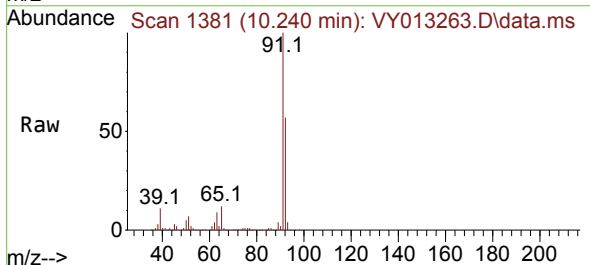
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

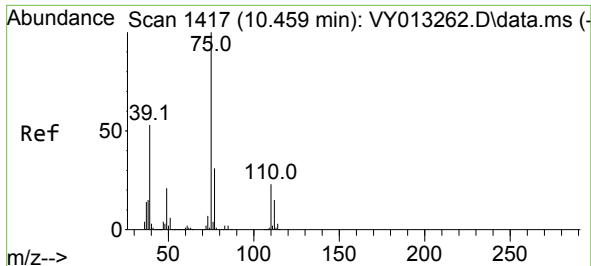
Tgt Ion: 43 Resp: 1500331
Ion Ratio Lower Upper
43 100
58 35.9 29.8 44.6



#52
Toluene
Concen: 103.295 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 92 Resp: 709466
Ion Ratio Lower Upper
92 100
91 176.1 141.3 211.9

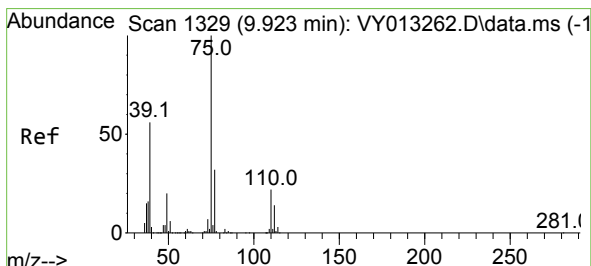
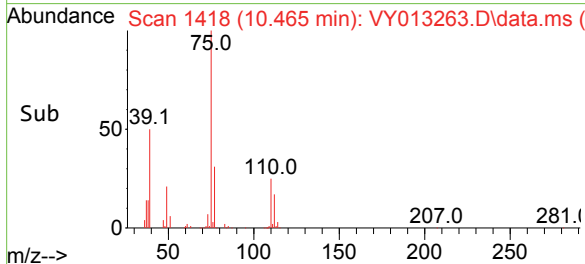
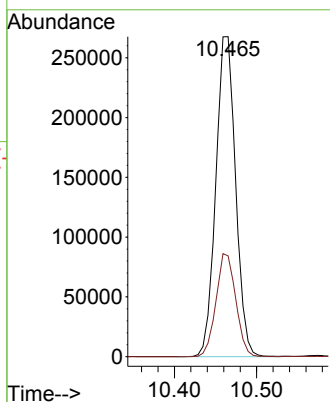
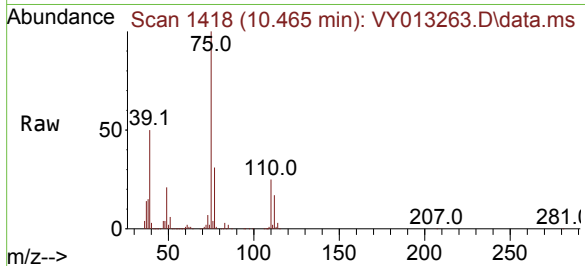




#53
t-1,3-Dichloropropene
Concen: 105.303 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

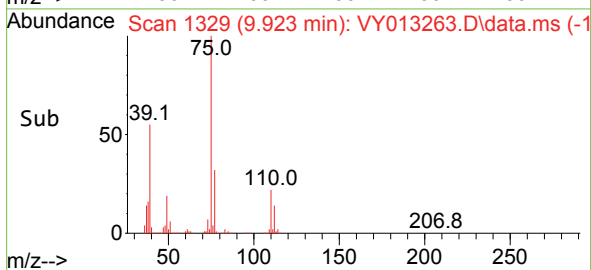
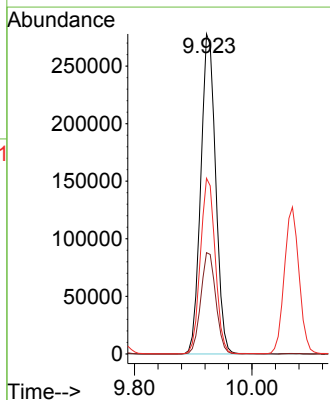
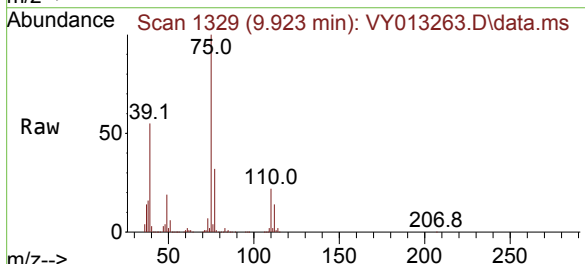
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

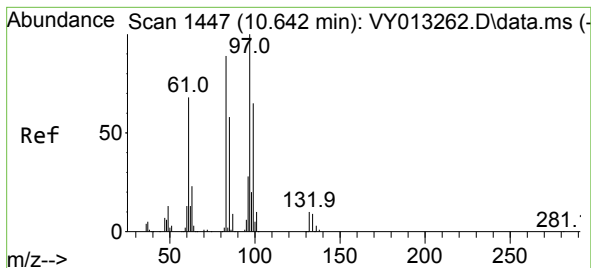
Tgt Ion: 75 Resp: 447939
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 104.768 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 75 Resp: 488671
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 54.8 39.0 58.4



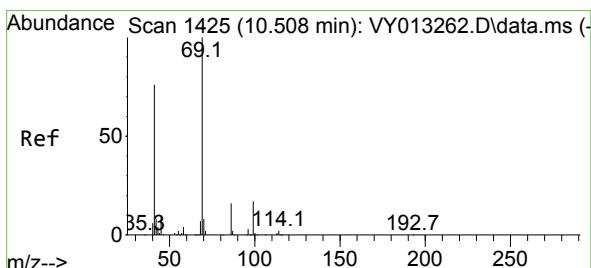
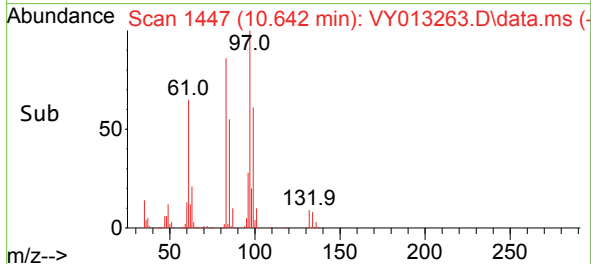
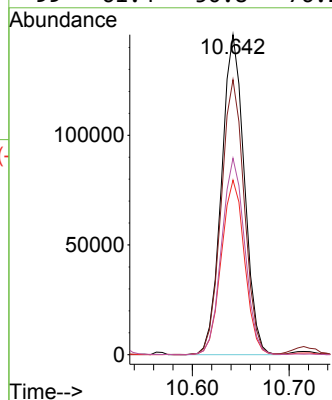
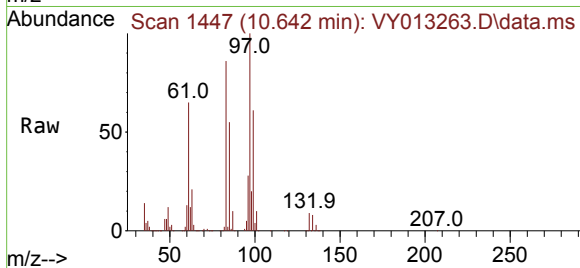


#55
1,1,2-Trichloroethane
Concen: 102.099 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 239195

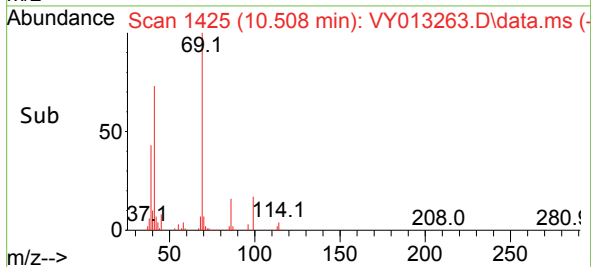
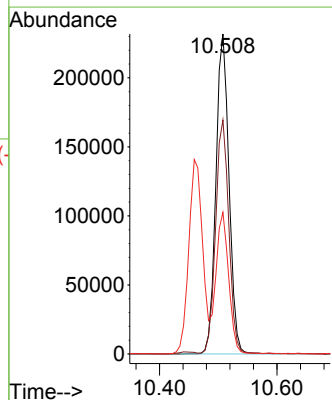
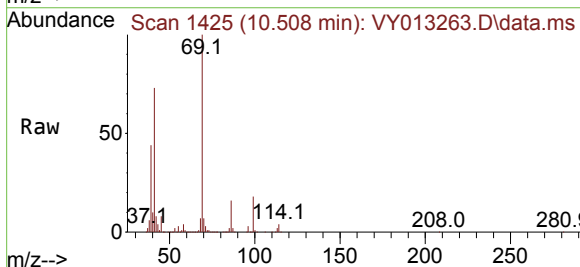
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.0	103.6
85	54.6	44.9	67.3
99	61.4	50.8	76.2

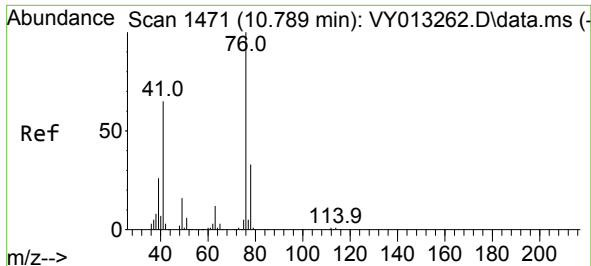


#56
Ethyl methacrylate
Concen: 111.639 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 69 Resp: 358115

Ion	Ratio	Lower	Upper
69	100		
41	73.3	56.4	84.6
39	43.1	30.8	46.2





#57

1,3-Dichloropropane

Concen: 102.086 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

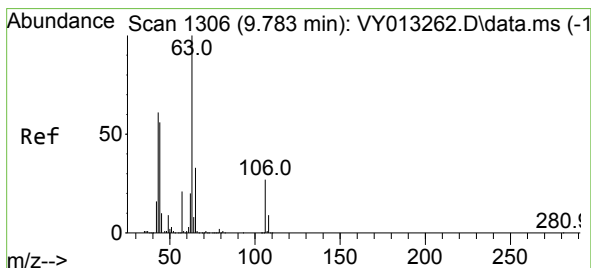
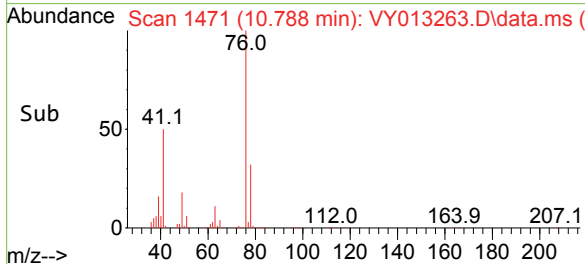
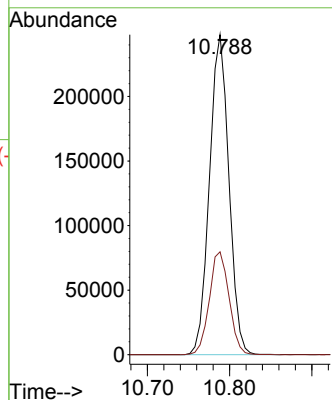
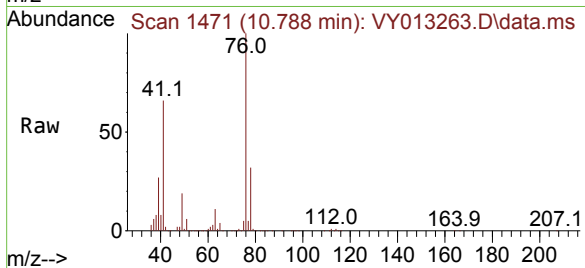
VSTDIC100

Tgt Ion: 76 Resp: 406771

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 511.325 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013263.D

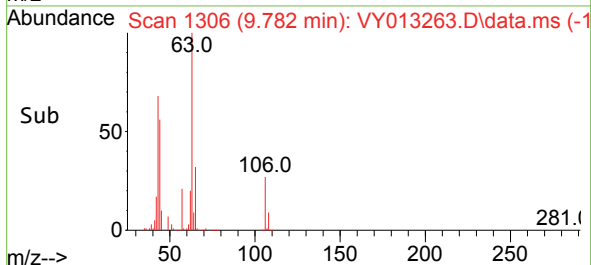
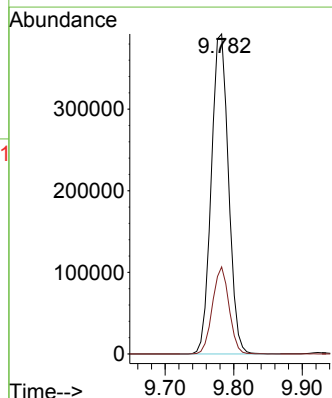
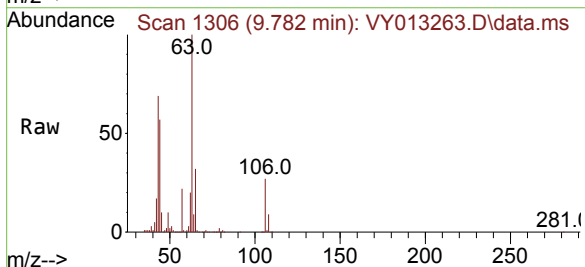
Acq: 12 Apr 2023 12:18

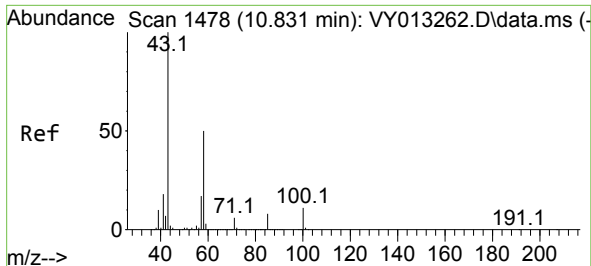
Tgt Ion: 63 Resp: 684870

Ion Ratio Lower Upper

63 100

106 26.2 22.1 33.1

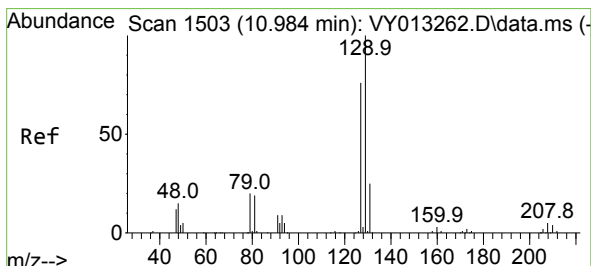
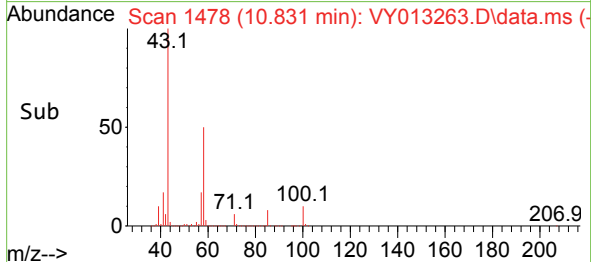
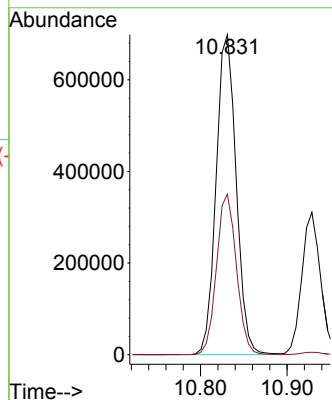
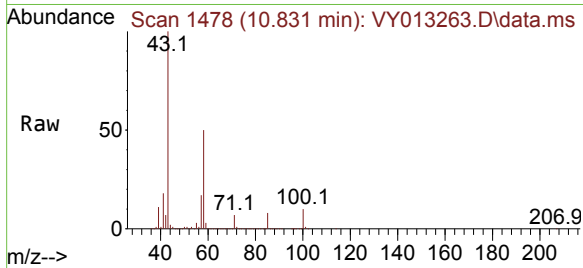




#59
2-Hexanone
Concen: 538.637 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

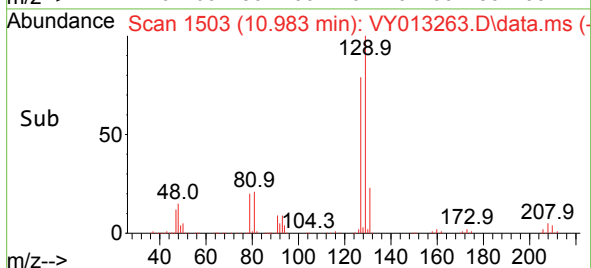
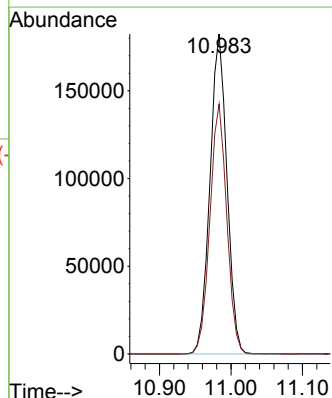
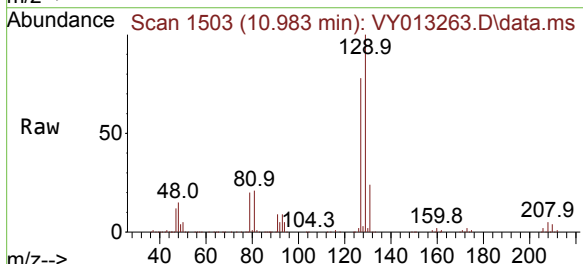
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

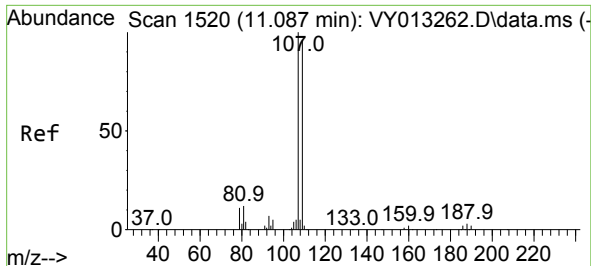
Tgt Ion: 43 Resp: 1121551
Ion Ratio Lower Upper
43 100
58 50.0 25.9 77.8



#60
Dibromochloromethane
Concen: 102.425 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 129 Resp: 300881
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

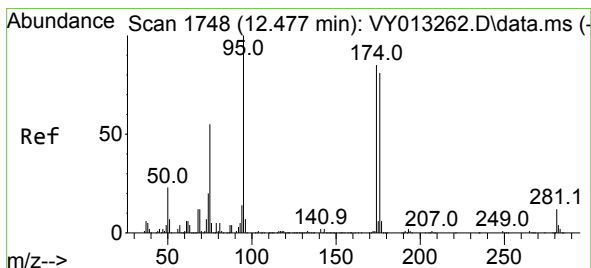
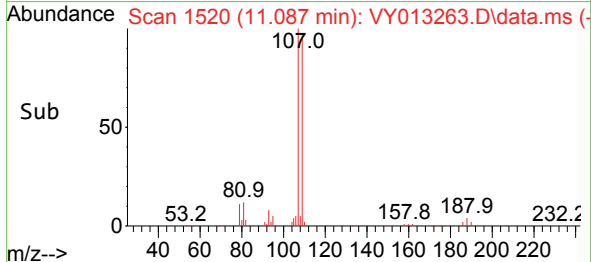
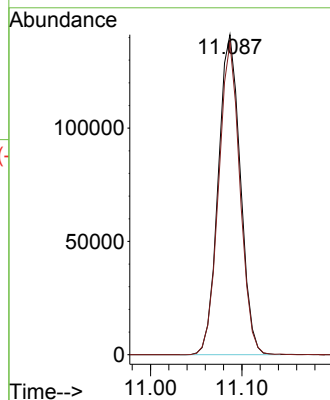
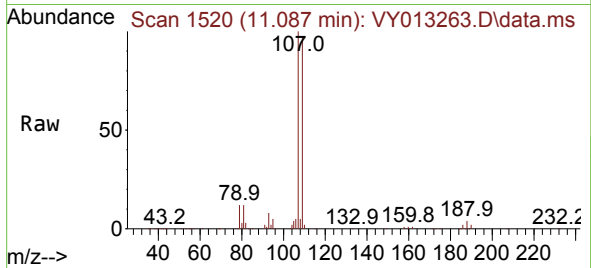




#61
1,2-Dibromoethane
Concen: 103.762 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

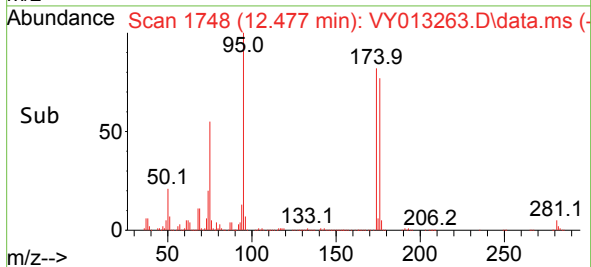
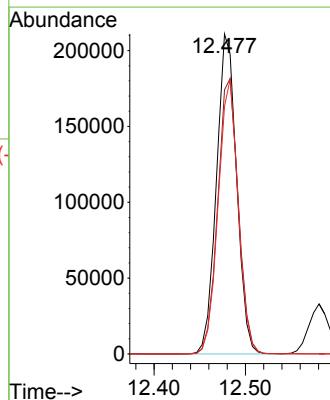
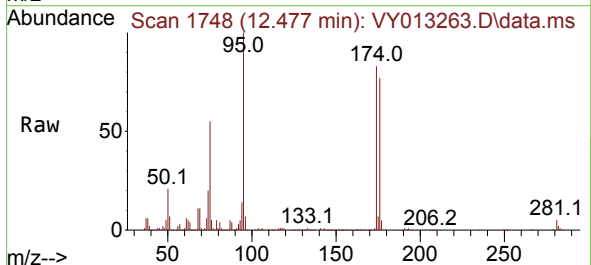
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

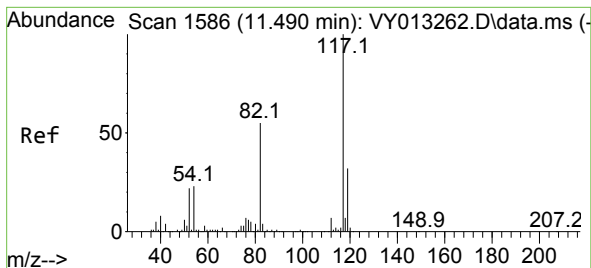
Tgt Ion:107 Resp: 236715
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 102.778 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 95 Resp: 322450
Ion Ratio Lower Upper
95 100
174 88.2 0.0 176.6
176 85.2 0.0 170.2

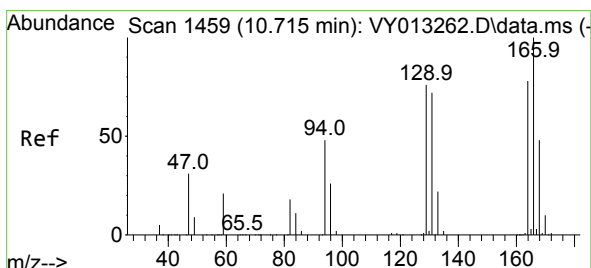
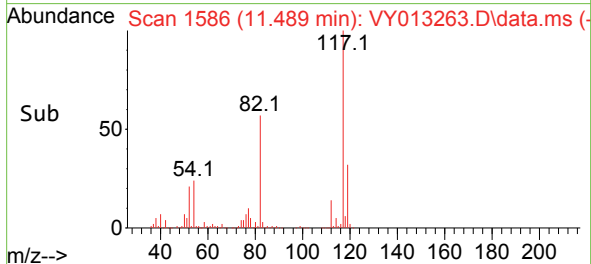
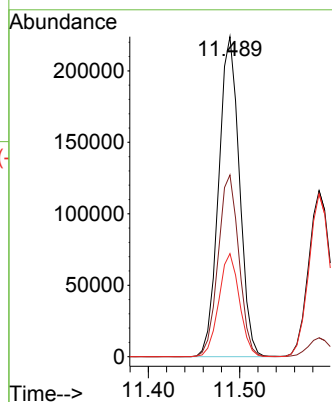
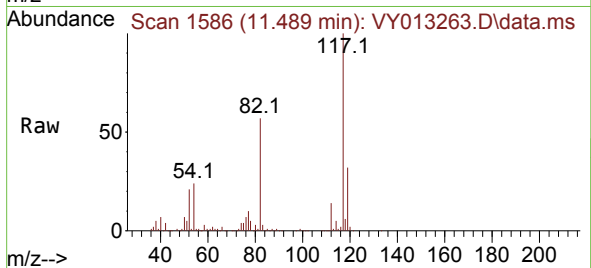




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

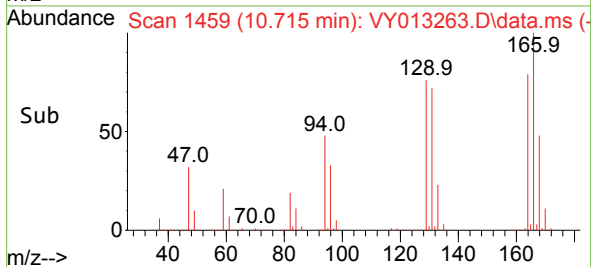
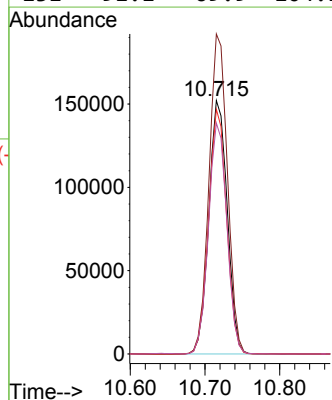
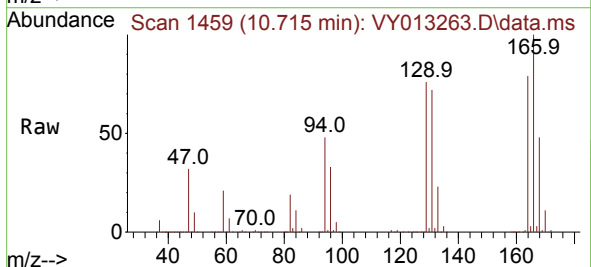
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

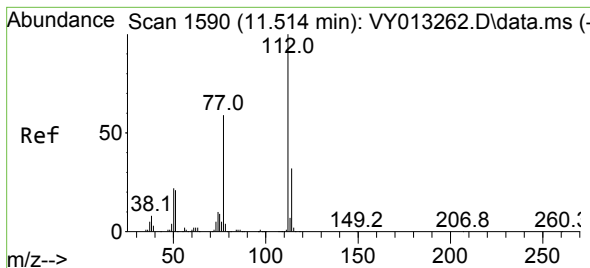
Tgt Ion:117 Resp: 353594
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.0
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 104.425 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion:164 Resp: 260496
Ion Ratio Lower Upper
164 100
166 126.3 103.4 155.2
129 96.5 71.4 107.2
131 91.1 69.9 104.9





#65

Chlorobenzene

Concen: 101.118 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

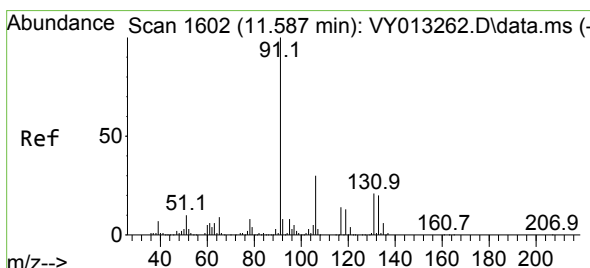
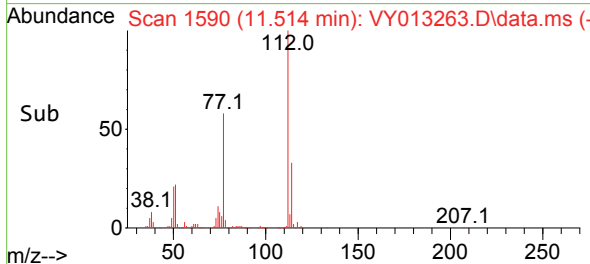
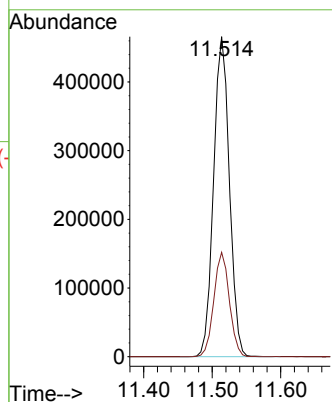
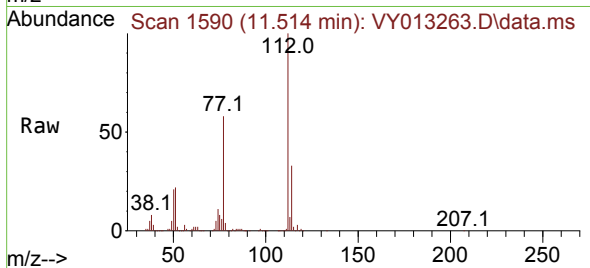
VSTDICC100

Tgt Ion:112 Resp: 747959

Ion Ratio Lower Upper

112 100

114 32.6 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 103.076 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

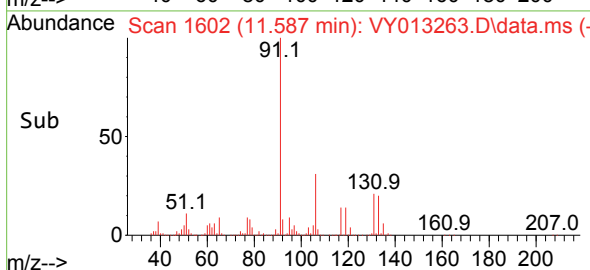
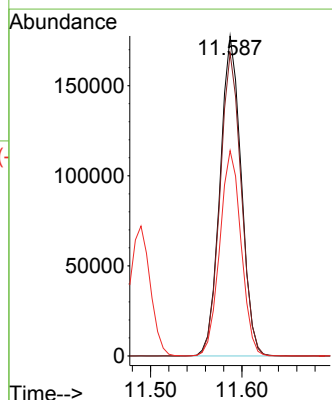
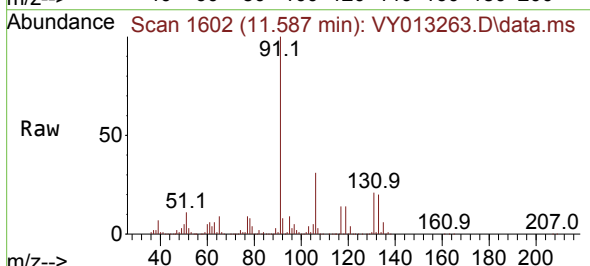
Tgt Ion:131 Resp: 286119

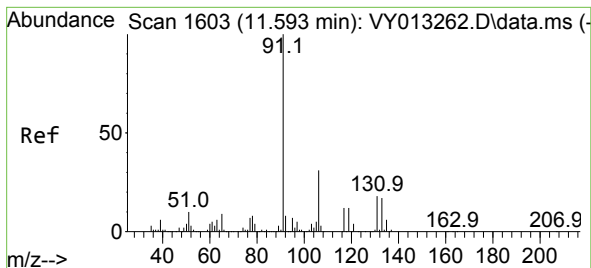
Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.0

119 64.6 32.6 98.0





#67

Ethyl Benzene

Concen: 106.233 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

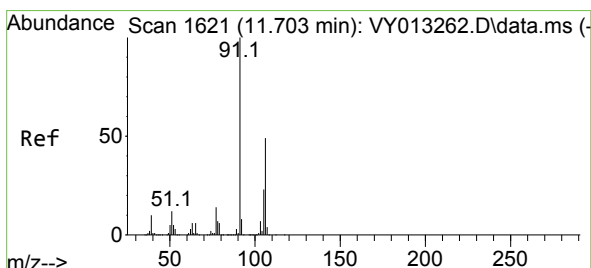
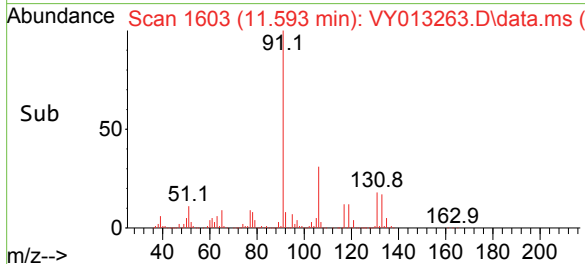
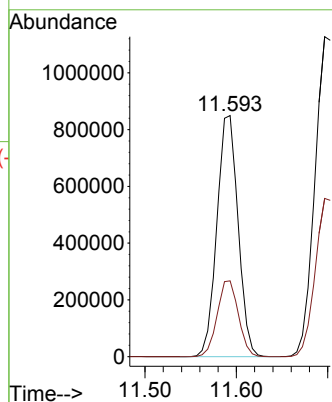
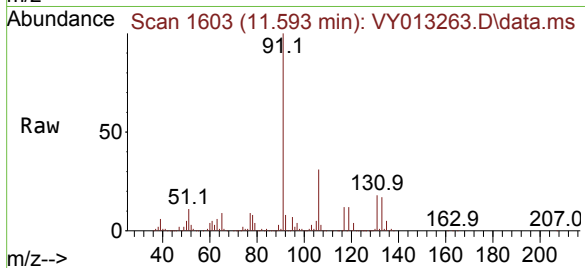
VSTDIC100

Tgt Ion: 91 Resp: 1368583

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



#68

m/p-Xylenes

Concen: 212.650 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013263.D

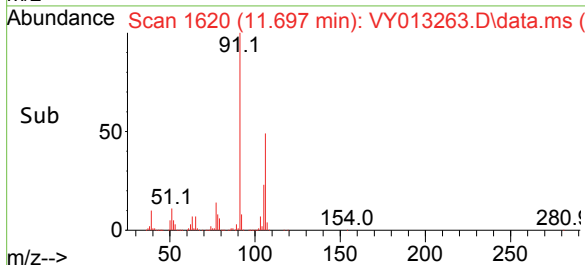
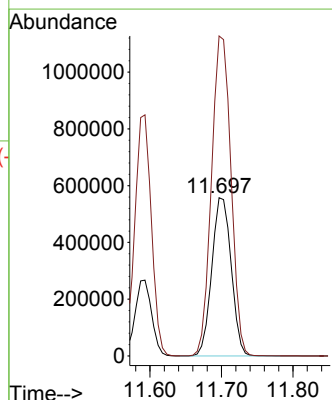
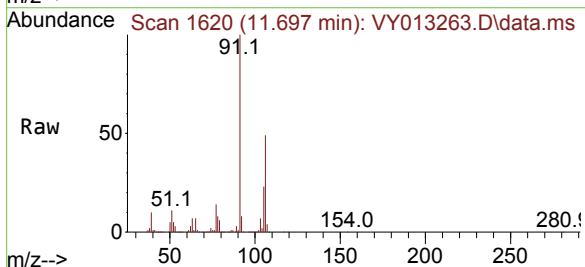
Acq: 12 Apr 2023 12:18

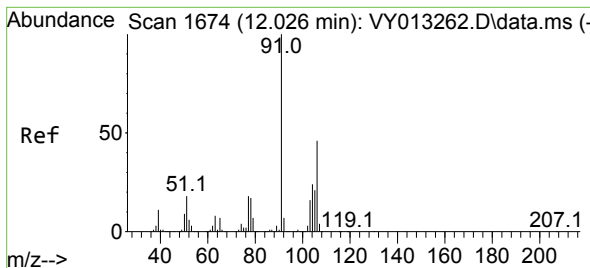
Tgt Ion:106 Resp: 1048180

Ion Ratio Lower Upper

106 100

91 203.3 159.8 239.8

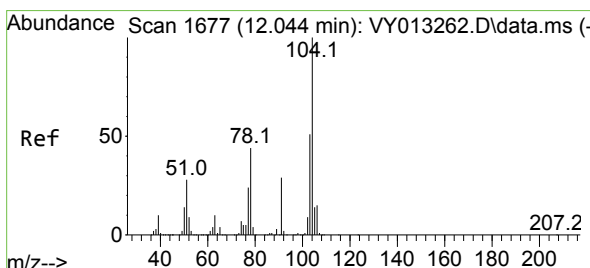
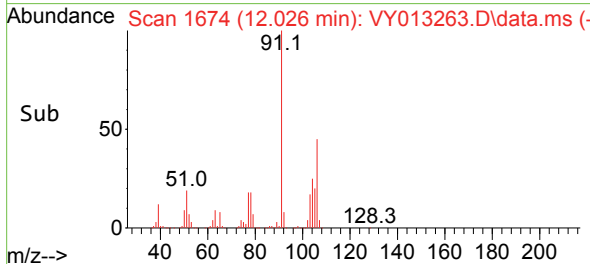
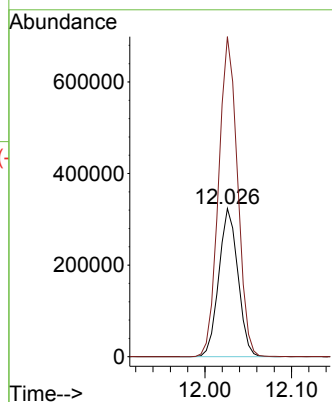
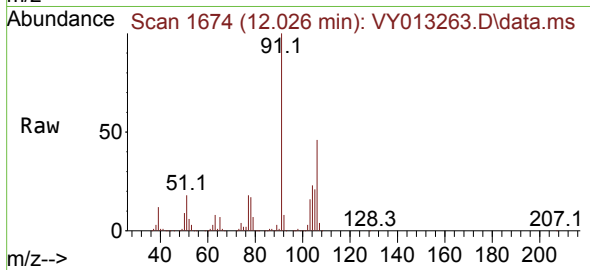




#69
o-Xylene
Concen: 108.452 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

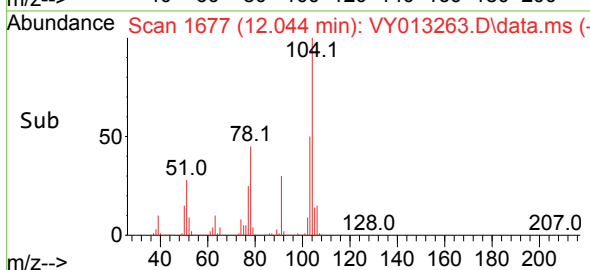
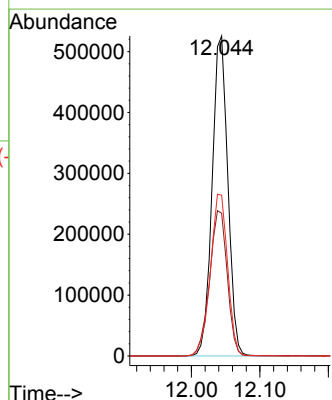
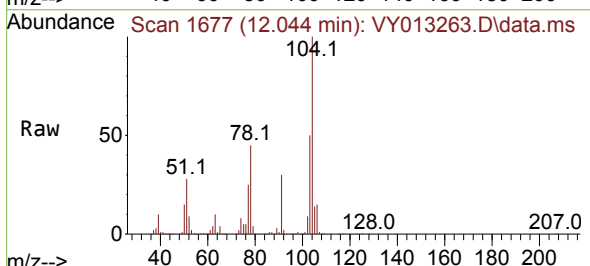
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

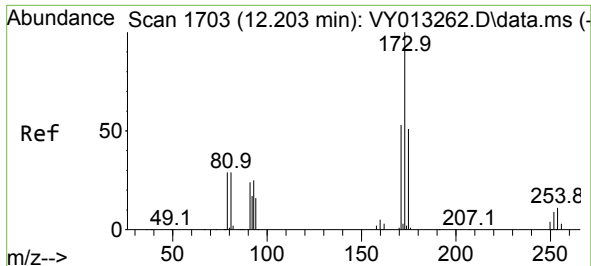
Tgt Ion:106 Resp: 495096
Ion Ratio Lower Upper
106 100
91 214.6 107.2 321.6



#70
Styrene
Concen: 108.458 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion:104 Resp: 836245
Ion Ratio Lower Upper
104 100
78 51.0 39.2 58.8
103 55.5 43.7 65.5

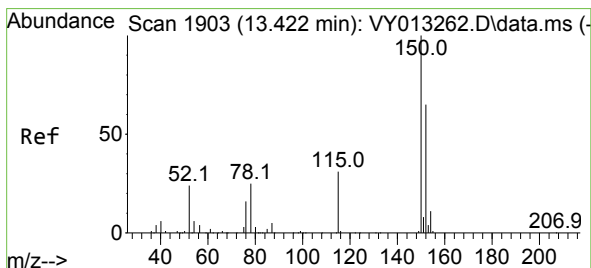
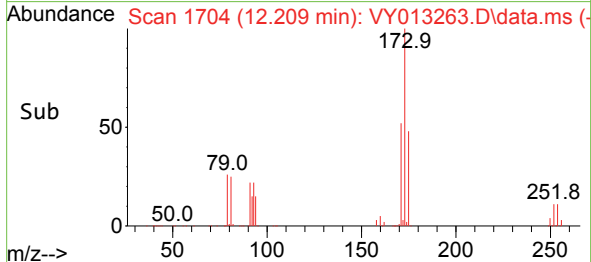
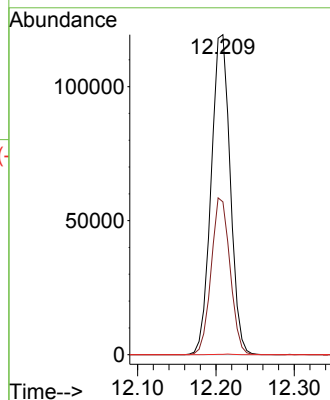
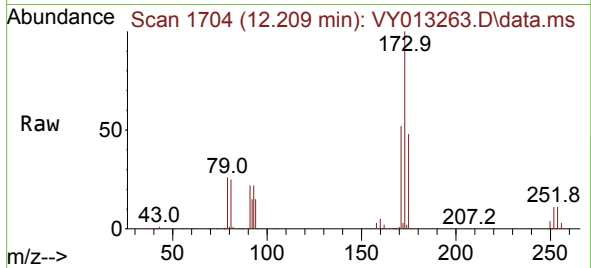




#71
Bromoform
Concen: 104.888 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

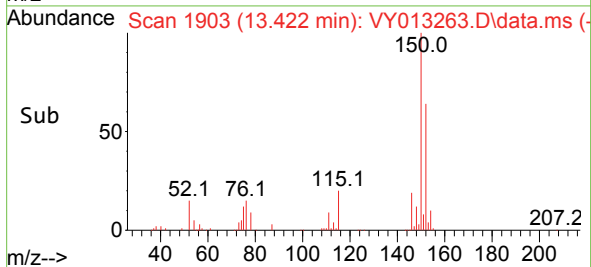
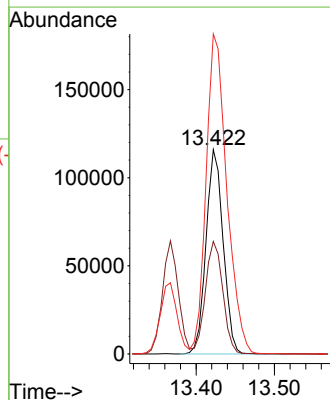
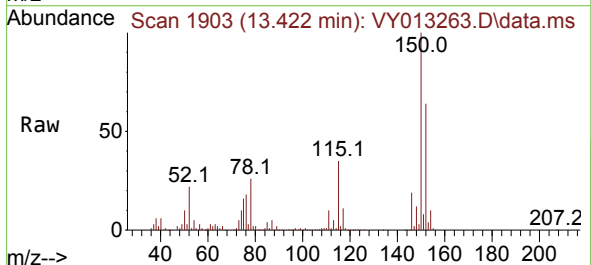
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

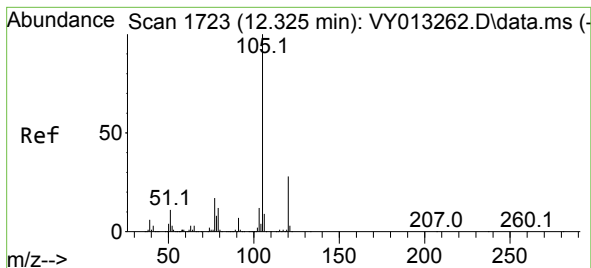
Tgt Ion:173 Resp: 201702
Ion Ratio Lower Upper
173 100
175 48.5 25.0 75.0
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion:152 Resp: 175951
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 189.3 0.0 347.8





#73

Isopropylbenzene

Concen: 107.162 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

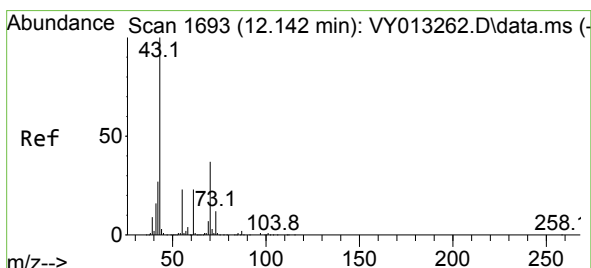
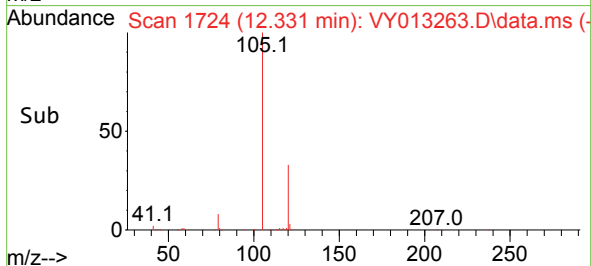
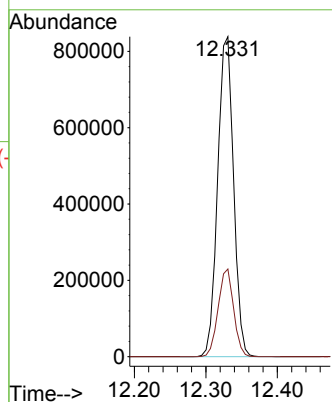
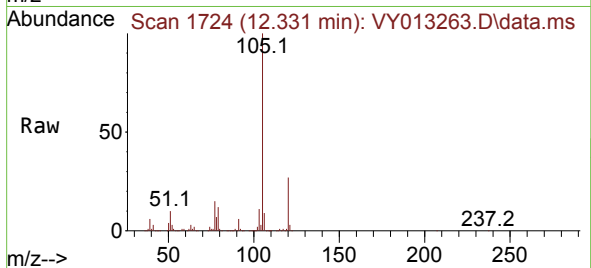
VSTDIC100

Tgt Ion:105 Resp: 1293340

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 106.774 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Tgt Ion: 43 Resp: 459751

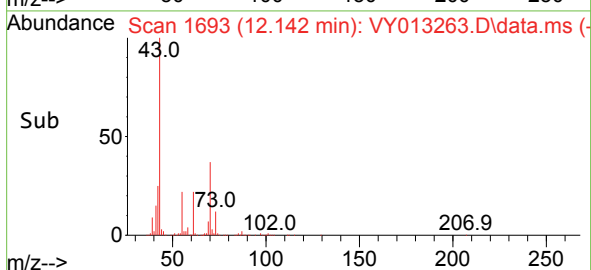
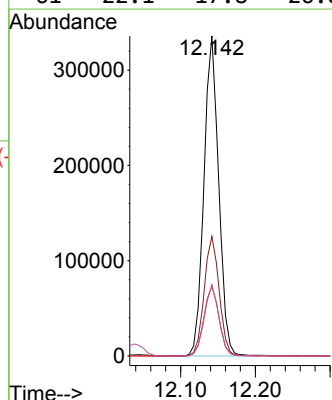
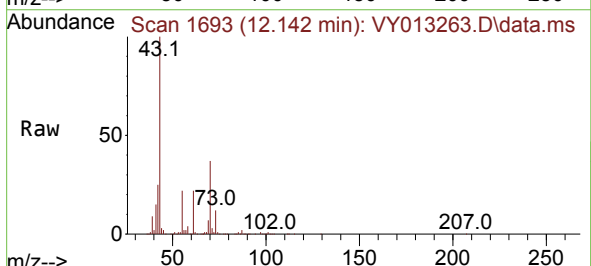
Ion Ratio Lower Upper

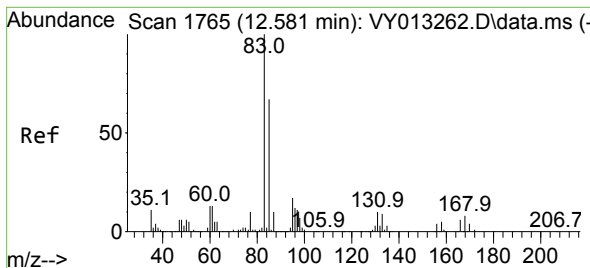
43 100

70 37.9 31.6 47.4

55 22.5 18.8 28.2

61 22.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 99.133 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

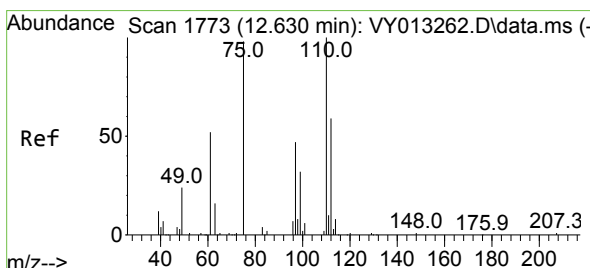
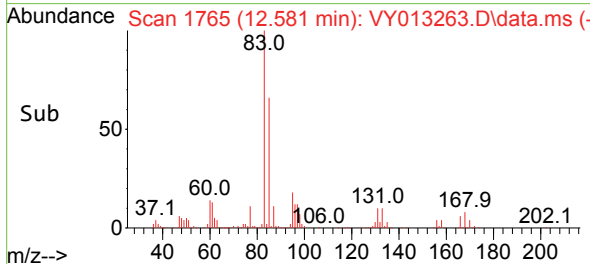
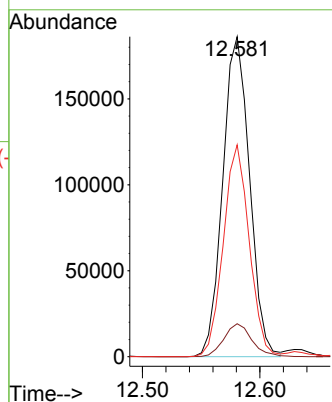
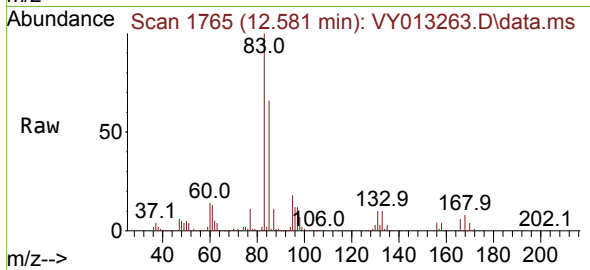
Tgt Ion: 83 Resp: 295563

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

85 63.9 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 167.954 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY013263.D

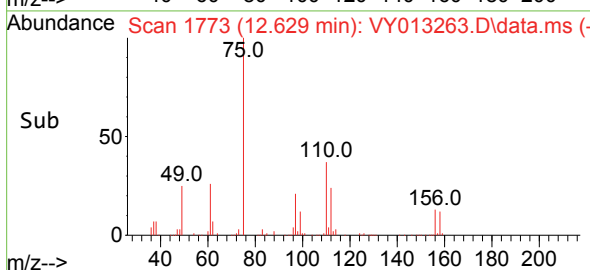
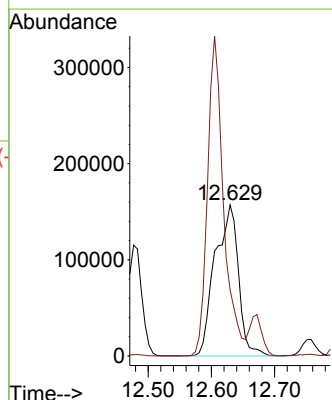
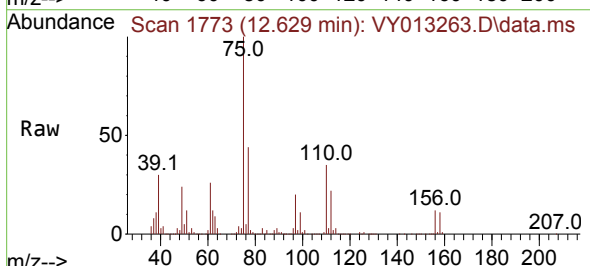
Acq: 12 Apr 2023 12:18

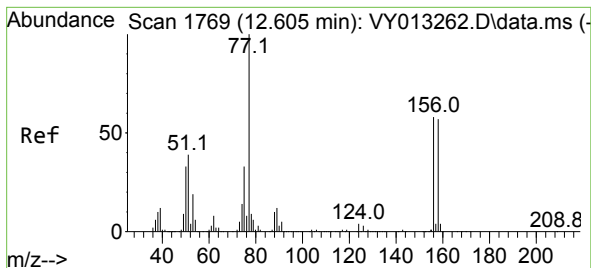
Tgt Ion: 75 Resp: 403046

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 104.114 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

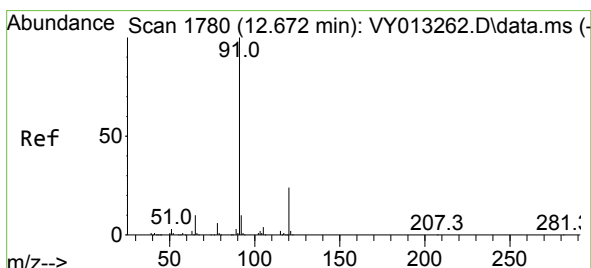
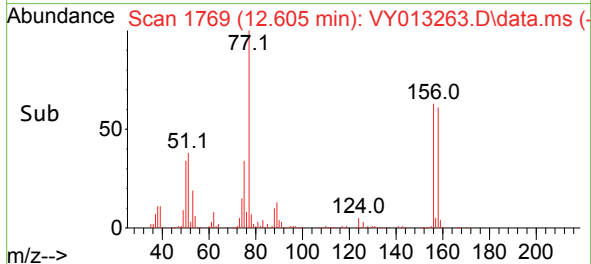
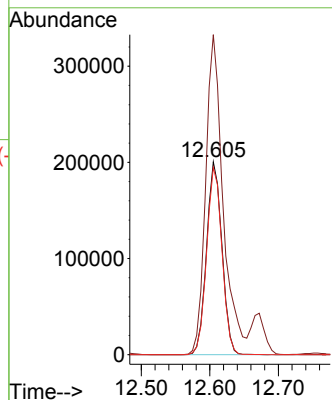
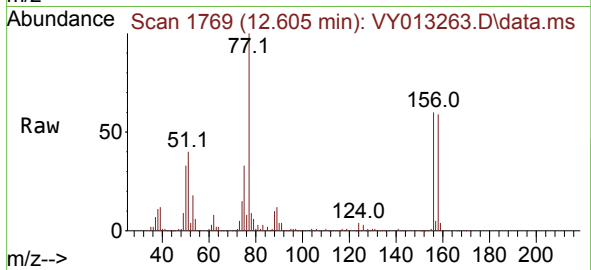
Tgt Ion:156 Resp: 314227

Ion Ratio Lower Upper

156 100

77 187.7 94.0 282.1

158 97.0 48.1 144.4



#78

n-propylbenzene

Concen: 105.807 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013263.D

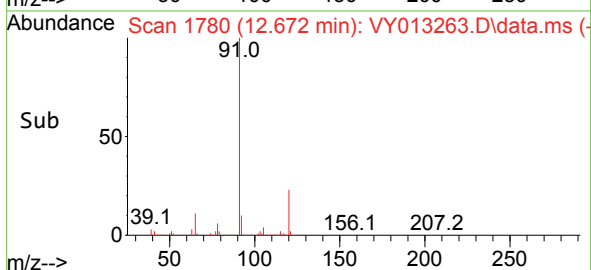
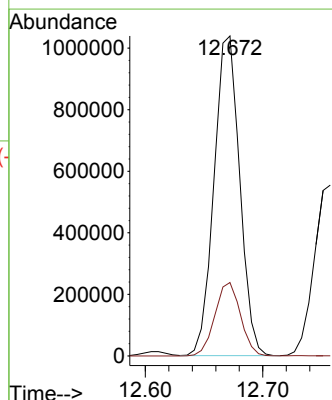
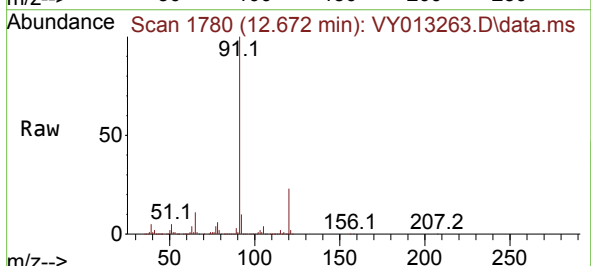
Acq: 12 Apr 2023 12:18

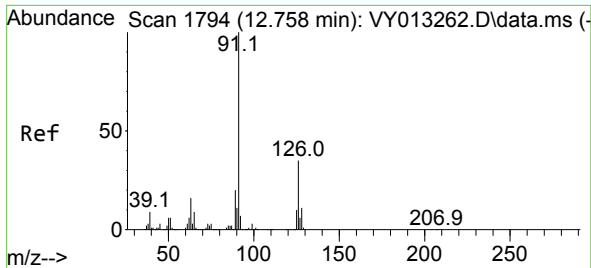
Tgt Ion: 91 Resp: 1577134

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8

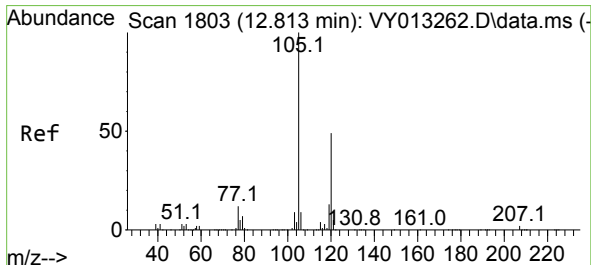
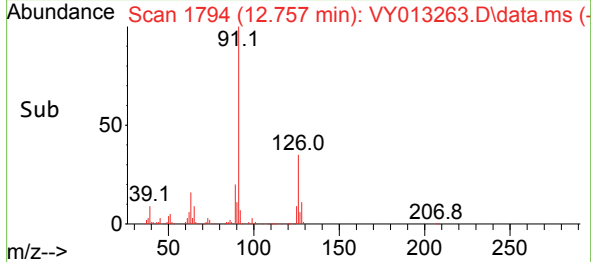
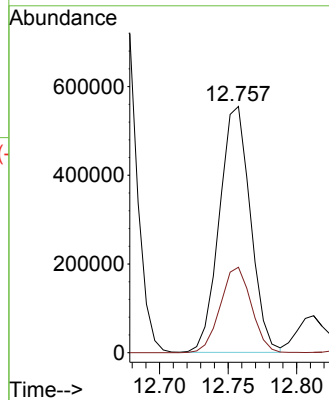
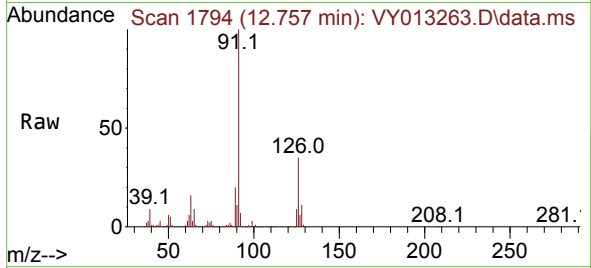




#79
2-Chlorotoluene
Concen: 104.496 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

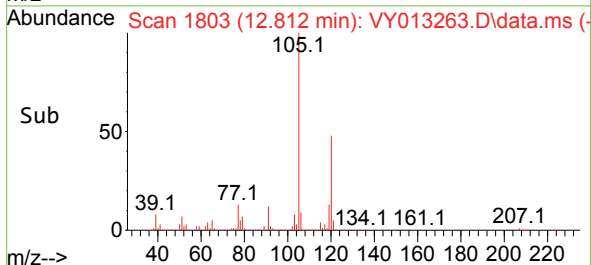
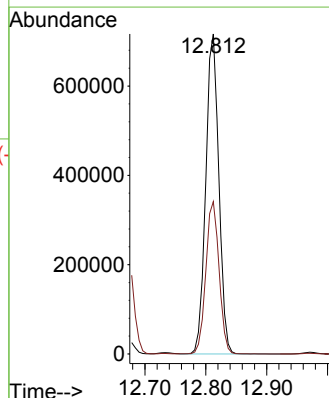
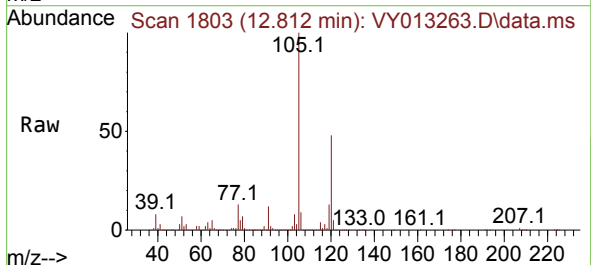
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

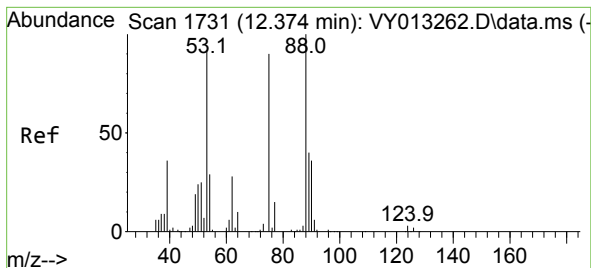
Tgt Ion: 91 Resp: 876758
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 105.584 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion:105 Resp: 1067375
Ion Ratio Lower Upper
105 100
120 48.2 24.8 74.4

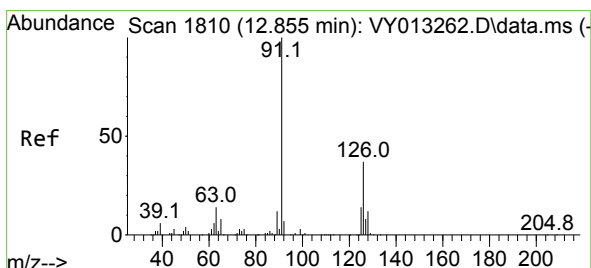
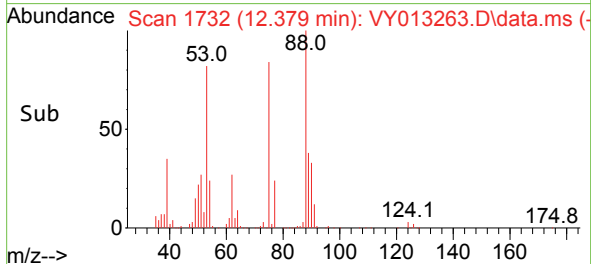
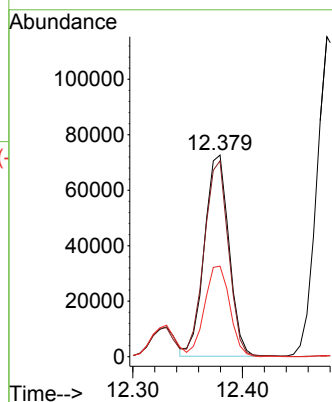
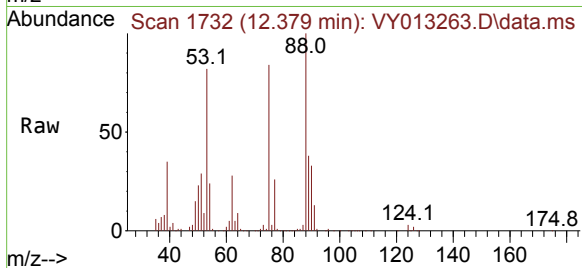




#81
trans-1,4-Dichloro-2-butene
Concen: 106.884 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

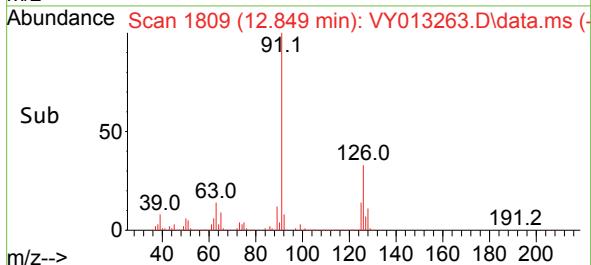
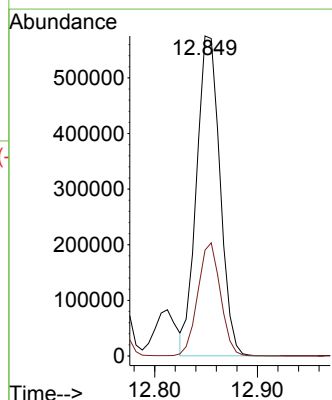
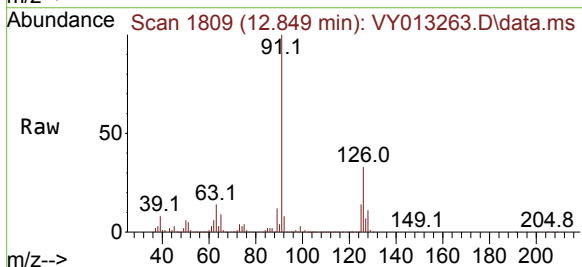
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

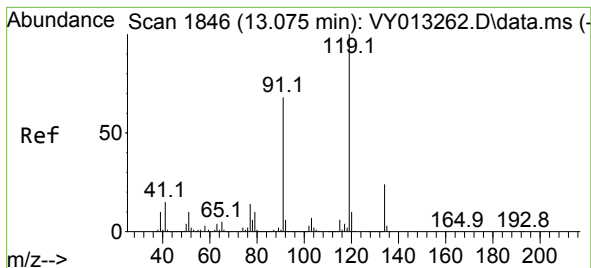
Tgt Ion: 75 Resp: 112909
Ion Ratio Lower Upper
75 100
53 96.0 73.4 110.0
89 46.0 36.6 55.0



#82
4-Chlorotoluene
Concen: 103.146 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013263.D
Acq: 12 Apr 2023 12:18

Tgt Ion: 91 Resp: 912376
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1





#83

tert-Butylbenzene

Concen: 106.990 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

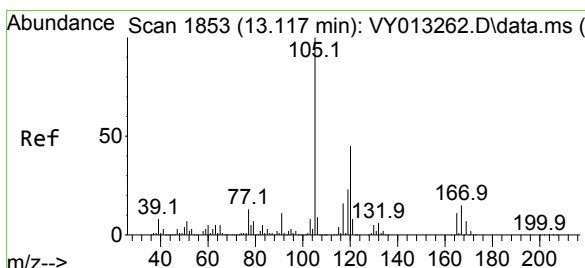
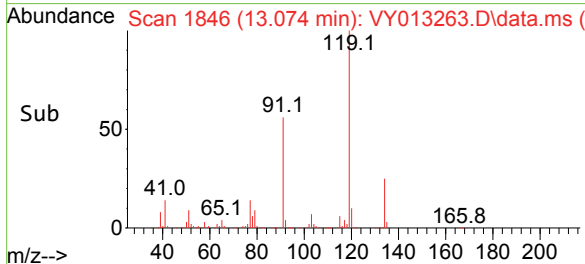
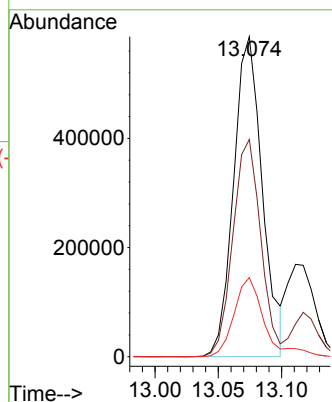
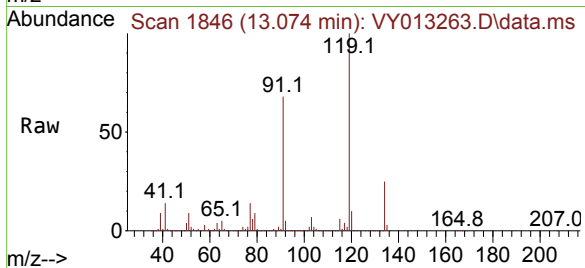
Tgt Ion:119 Resp: 928079

Ion Ratio Lower Upper

119 100

91 65.8 32.8 98.3

134 25.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 107.171 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY013263.D

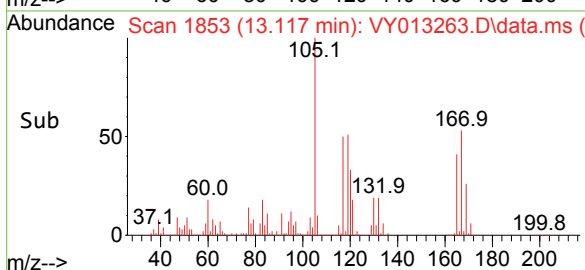
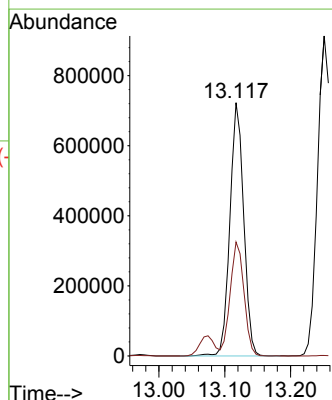
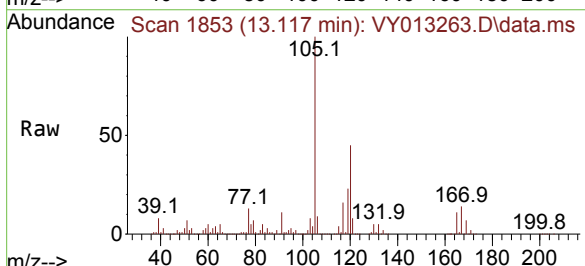
Acq: 12 Apr 2023 12:18

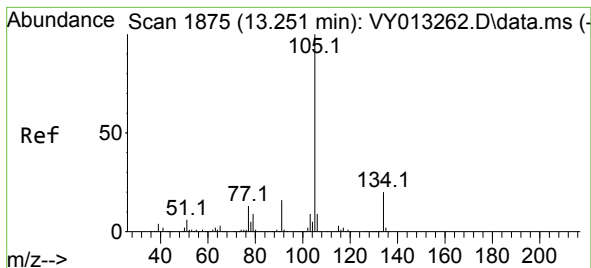
Tgt Ion:105 Resp: 1054423

Ion Ratio Lower Upper

105 100

120 45.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 104.200 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

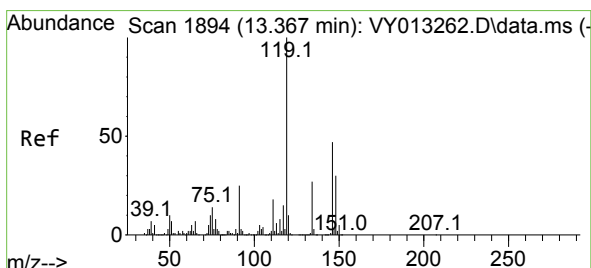
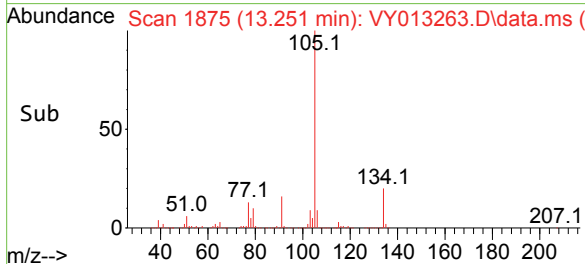
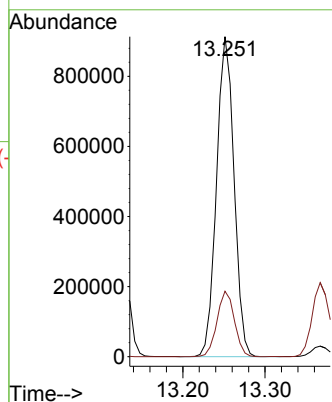
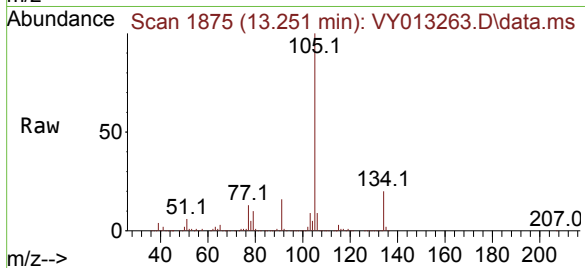
VSTDICC100

Tgt Ion:105 Resp: 1351693

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 106.750 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

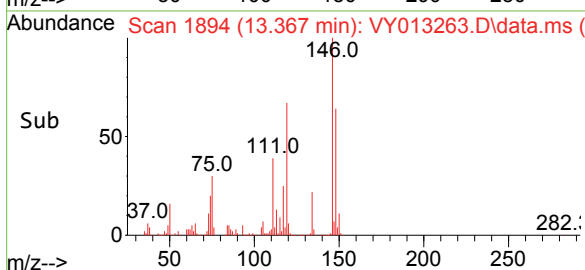
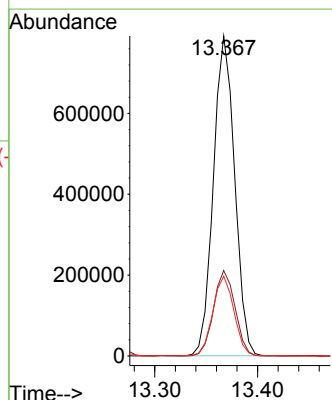
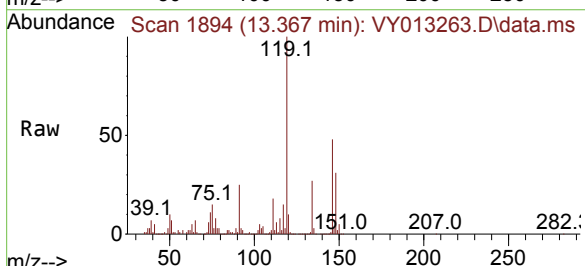
Tgt Ion:119 Resp: 1136311

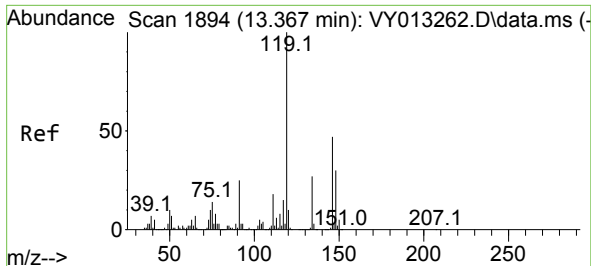
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.6

91 24.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 102.060 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

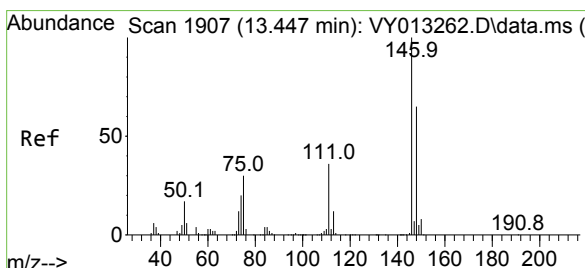
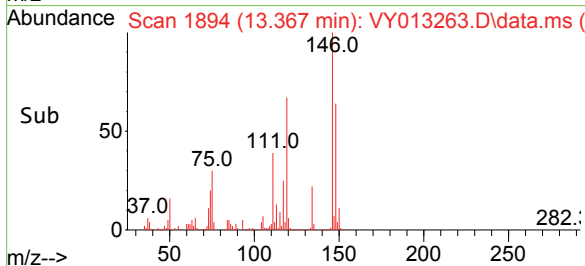
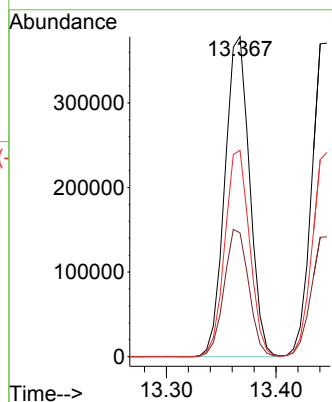
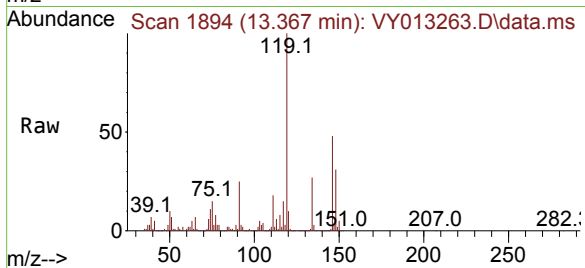
Tgt Ion:146 Resp: 593770

Ion Ratio Lower Upper

146 100

111 39.7 19.1 57.5

148 64.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 100.664 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

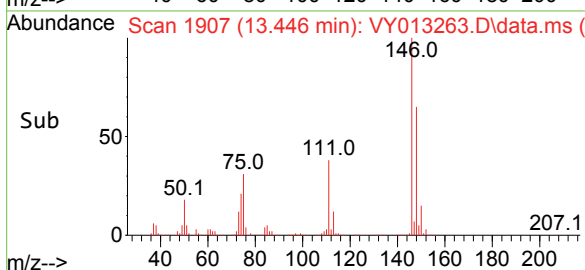
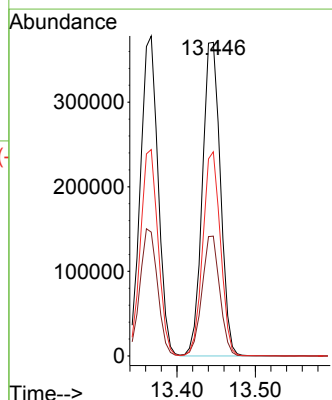
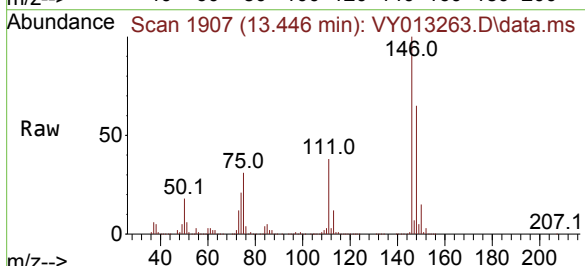
Tgt Ion:146 Resp: 591827

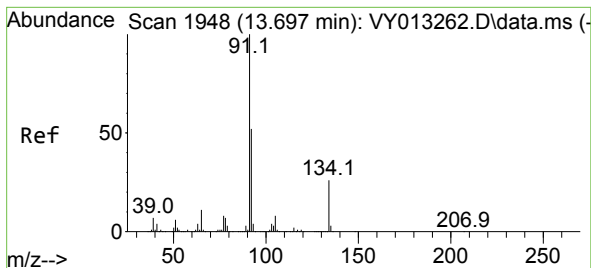
Ion Ratio Lower Upper

146 100

111 37.7 18.6 55.8

148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 105.810 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

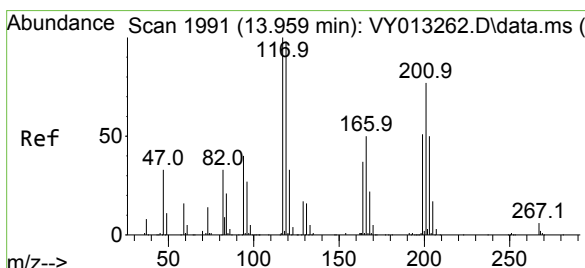
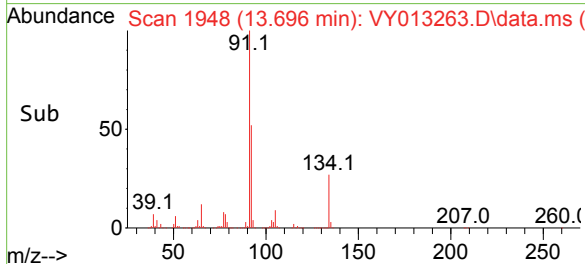
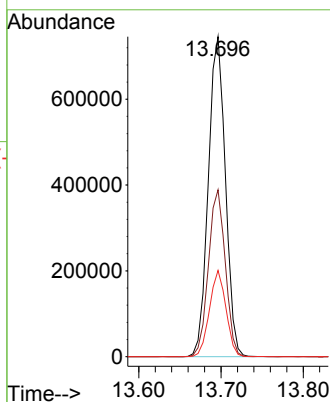
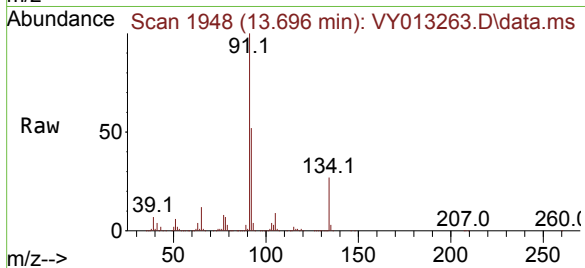
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1077252

Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.4	79.0
134	26.0	13.0	38.9



#90

Hexachloroethane

Concen: 101.118 ug/l

RT: 13.958 min Scan# 1991

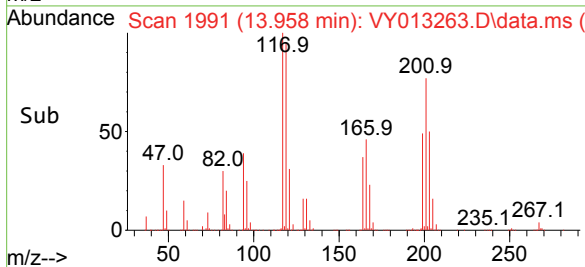
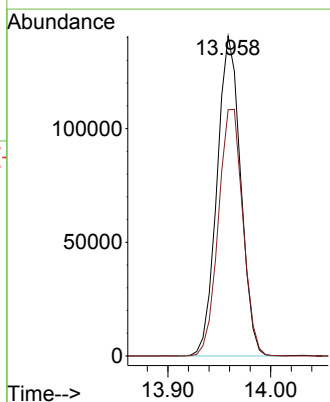
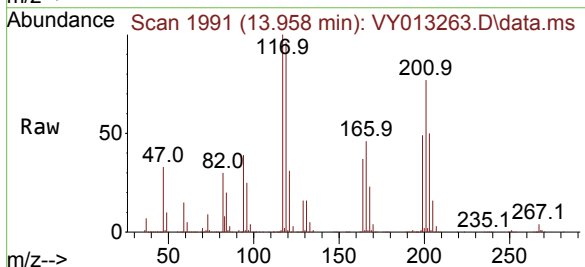
Delta R.T. -0.000 min

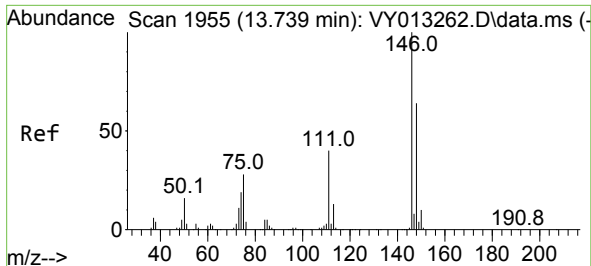
Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Tgt Ion: 117 Resp: 224428

Ion	Ratio	Lower	Upper
117	100		
201	80.0	39.4	118.1





#91

1,2-Dichlorobenzene

Concen: 101.801 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

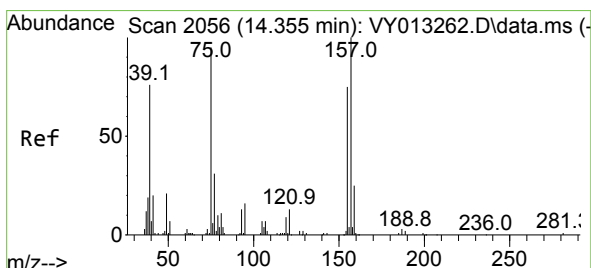
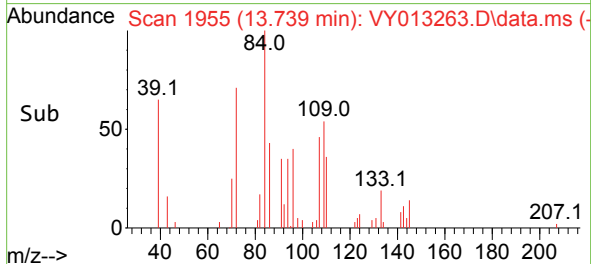
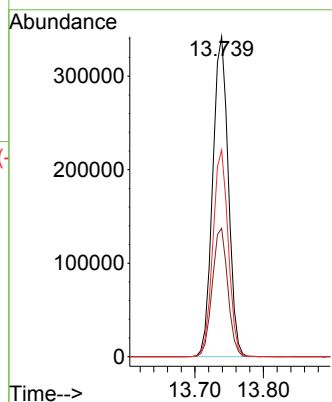
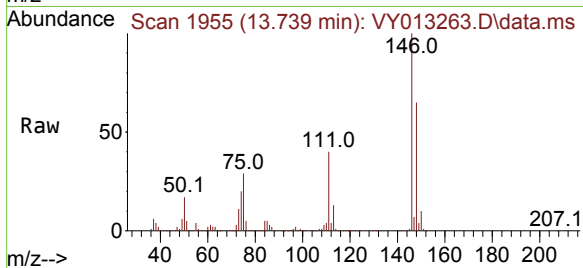
Tgt Ion:146 Resp: 538936

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 108.293 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

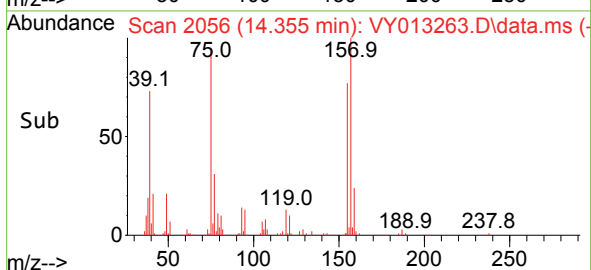
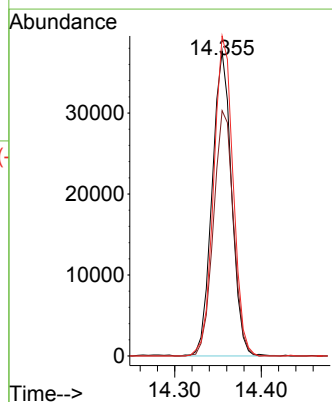
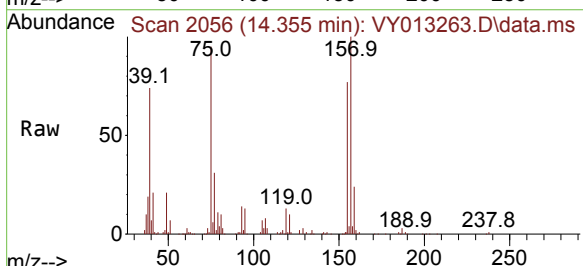
Tgt Ion: 75 Resp: 58633

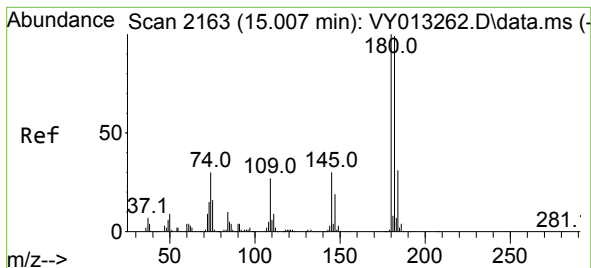
Ion Ratio Lower Upper

75 100

155 82.7 43.8 131.4

157 105.0 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 112.312 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

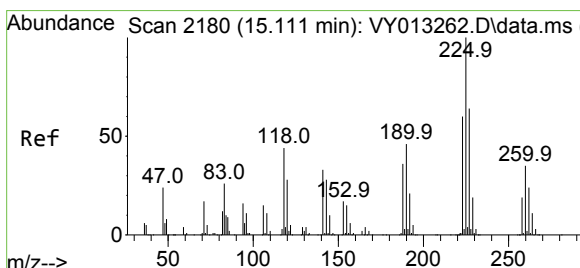
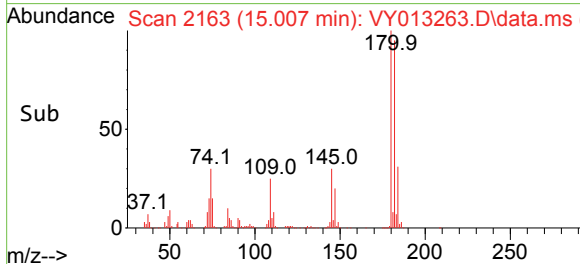
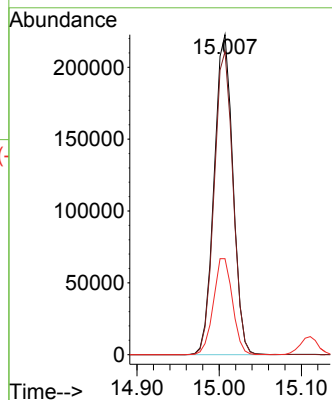
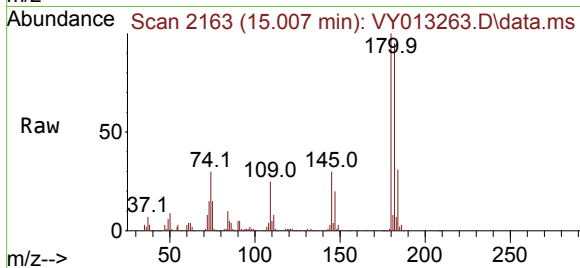
Tgt Ion:180 Resp: 353387

Ion Ratio Lower Upper

180 100

182 95.1 46.7 140.1

145 30.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 104.001 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

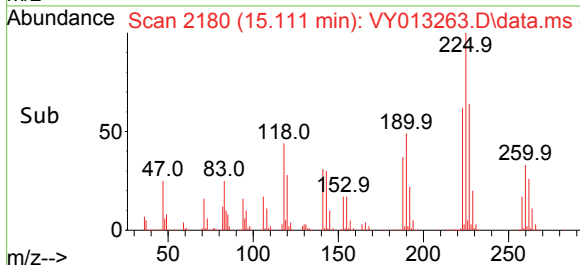
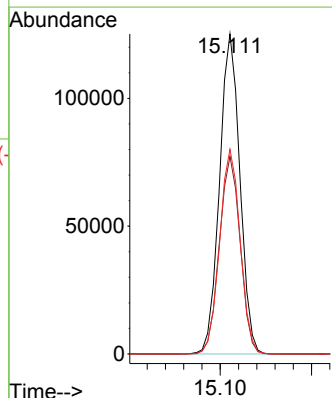
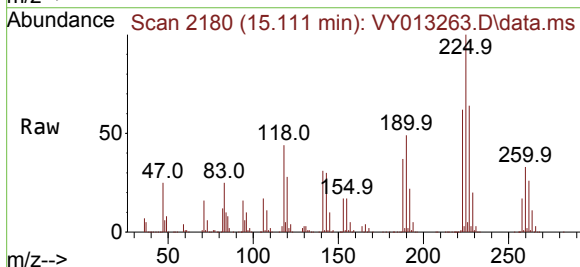
Tgt Ion:225 Resp: 193772

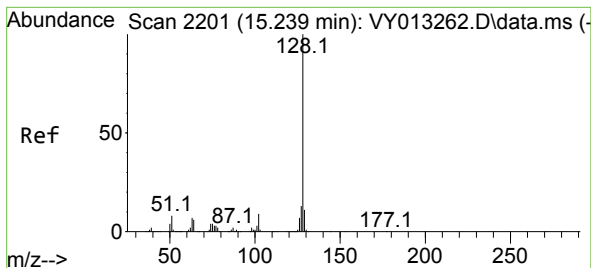
Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.3

227 64.5 32.4 97.0





#95

Naphthalene

Concen: 122.703 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

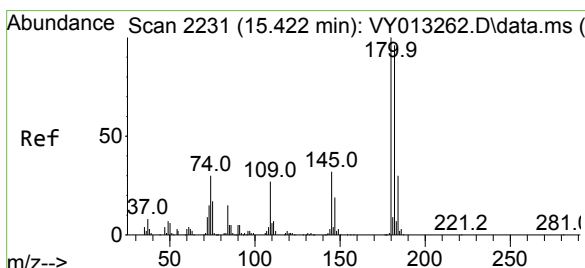
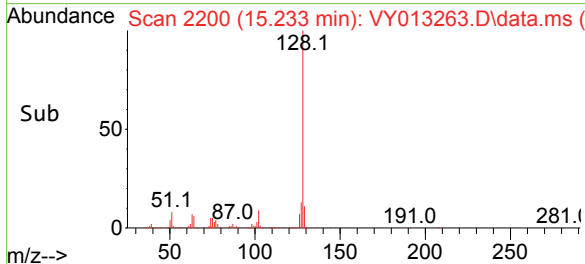
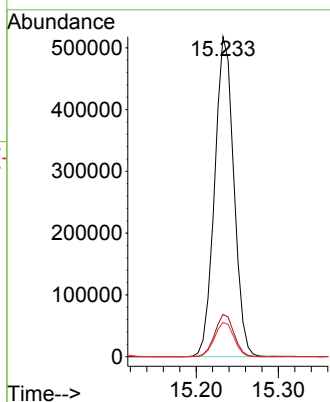
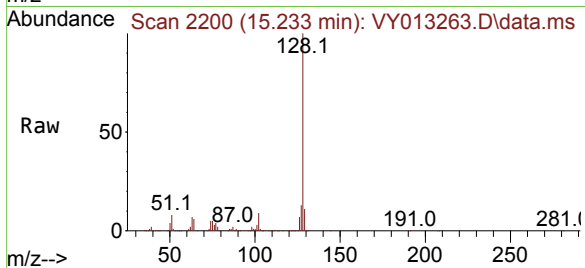
Tgt Ion:128 Resp: 841015

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 112.832 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013263.D

Acq: 12 Apr 2023 12:18

Tgt Ion:180 Resp: 323446

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.3

145 32.0 15.3 45.8

