

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013543.D
 Acq On : 01 May 2023 17:13
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 01 22:50:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	291704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	445761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	406606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	206319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	168847	52.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.600%	
35) Dibromofluoromethane	7.716	113	145443	51.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.760%	
50) Toluene-d8	10.179	98	500419	50.174	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	12.477	95	182097	54.157	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	146806	52.938	ug/l	99
3) Chloromethane	2.107	50	166344	44.749	ug/l	97
4) Vinyl Chloride	2.247	62	166104	44.878	ug/l	100
5) Bromomethane	2.650	94	123699	41.939	ug/l	99
6) Chloroethane	2.790	64	112785	44.109	ug/l	99
7) Trichlorofluoromethane	3.125	101	284655	50.768	ug/l	99
8) Diethyl Ether	3.527	74	101289	53.048	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	154932	49.262	ug/l	98
10) Methyl Iodide	4.088	142	197577	50.017	ug/l	98
11) Tert butyl alcohol	4.972	59	116023	321.945	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	148739	49.062	ug/l	93
13) Acrolein	3.729	56	65260	232.969	ug/l	95
14) Allyl chloride	4.472	41	280862	49.929	ug/l	97
15) Acrylonitrile	5.155	53	330823	309.376	ug/l	98
16) Acetone	3.954	43	403505	320.422	ug/l	95
17) Carbon Disulfide	4.192	76	462096	46.924	ug/l	100
18) Methyl Acetate	4.479	43	245653	59.063	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	492090	56.224	ug/l	99
20) Methylene Chloride	4.710	84	195106	49.351	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	169739	51.208	ug/l	95
22) Diisopropyl ether	6.112	45	591391	53.788	ug/l	94
23) Vinyl Acetate	6.058	43	1991491	319.905	ug/l	97
24) 1,1-Dichloroethane	6.015	63	316318	51.620	ug/l	100
25) 2-Butanone	6.984	43	515241	322.618	ug/l	94
26) 2,2-Dichloropropane	6.978	77	274744	52.032	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	196809	53.739	ug/l	97
28) Bromochloromethane	7.332	49	113517	52.203	ug/l	83
29) Tetrahydrofuran	7.344	42	318950	320.831	ug/l	93
30) Chloroform	7.502	83	330412	54.232	ug/l	98
31) Cyclohexane	7.783	56	267213	46.673	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	289857	53.315	ug/l	98
36) 1,1-Dichloropropene	7.917	75	241597	51.923	ug/l	98
37) Ethyl Acetate	7.070	43	214743	61.328	ug/l	96
38) Carbon Tetrachloride	7.899	117	266909	54.729	ug/l	97
39) Methylcyclohexane	9.179	83	282743	51.544	ug/l	95
40) Benzene	8.155	78	698381	53.283	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	291213	178.472	ug/l #	33
42) 1,2-Dichloroethane	8.234	62	245567	57.307	ug/l	99
43) Isopropyl Acetate	8.271	43	356897	60.386	ug/l	97
44) Trichloroethene	8.935	130	188746	54.137	ug/l	99
45) 1,2-Dichloropropane	9.216	63	185801	54.216	ug/l	97
46) Dibromomethane	9.301	93	117234	57.173	ug/l	96
47) Bromodichloromethane	9.496	83	261802	57.059	ug/l	97
48) Methyl methacrylate	9.289	41	165285	60.892	ug/l	95
49) 1,4-Dioxane	9.313	88	39473	1347.862	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	1080647	328.119	ug/l	97
52) Toluene	10.240	92	434834	55.130	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	281632	57.997	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	300426	54.982	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	157712	58.079	ug/l	98
56) Ethyl methacrylate	10.508	69	240683	63.887	ug/l	91
57) 1,3-Dichloropropane	10.788	76	270796	58.882	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	388050	274.690	ug/l	94
59) 2-Hexanone	10.831	43	825531	344.821	ug/l	97
60) Dibromochloromethane	10.983	129	191047	57.942	ug/l	99
61) 1,2-Dibromoethane	11.087	107	157613	59.036	ug/l	99
64) Tetrachloroethene	10.715	164	164884	53.328	ug/l	96
65) Chlorobenzene	11.514	112	467926	52.829	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	185223	55.914	ug/l	99
67) Ethyl Benzene	11.593	91	846156	54.402	ug/l	99
68) m/p-Xylenes	11.703	106	644504	109.002	ug/l	97
69) o-Xylene	12.026	106	305429	54.619	ug/l	97
70) Styrene	12.044	104	526493	56.310	ug/l	99
71) Bromoform	12.203	173	138742	59.794	ug/l #	98
73) Isopropylbenzene	12.331	105	795412	50.971	ug/l	98
74) N-amyl acetate	12.142	43	324679	58.466	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	212140	55.616	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	282542	101.544	ug/l #	100
77) Bromobenzene	12.605	156	205406	54.323	ug/l	92
78) n-propylbenzene	12.672	91	991724	51.595	ug/l	98
79) 2-Chlorotoluene	12.751	91	563737	52.520	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	675447	53.031	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	77361	56.873	ug/l	96
82) 4-Chlorotoluene	12.855	91	582963	52.108	ug/l	97
83) tert-Butylbenzene	13.075	119	577831	52.364	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	668364	53.973	ug/l	100
85) sec-Butylbenzene	13.251	105	862820	52.099	ug/l	99
86) p-Isopropyltoluene	13.367	119	709315	53.259	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	384066	53.314	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	385197	52.933	ug/l	99
89) n-Butylbenzene	13.696	91	680404	52.344	ug/l	99
90) Hexachloroethane	13.959	117	140508	50.128	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	360156	55.364	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	40173	59.634	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	234523	60.468	ug/l	99
94) Hexachlorobutadiene	15.111	225	133107	58.970	ug/l	100
95) Naphthalene	15.239	128	554887	65.939	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	214587	62.076	ug/l	99

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QLast Update : Tue Apr 25 02:39:58 2023
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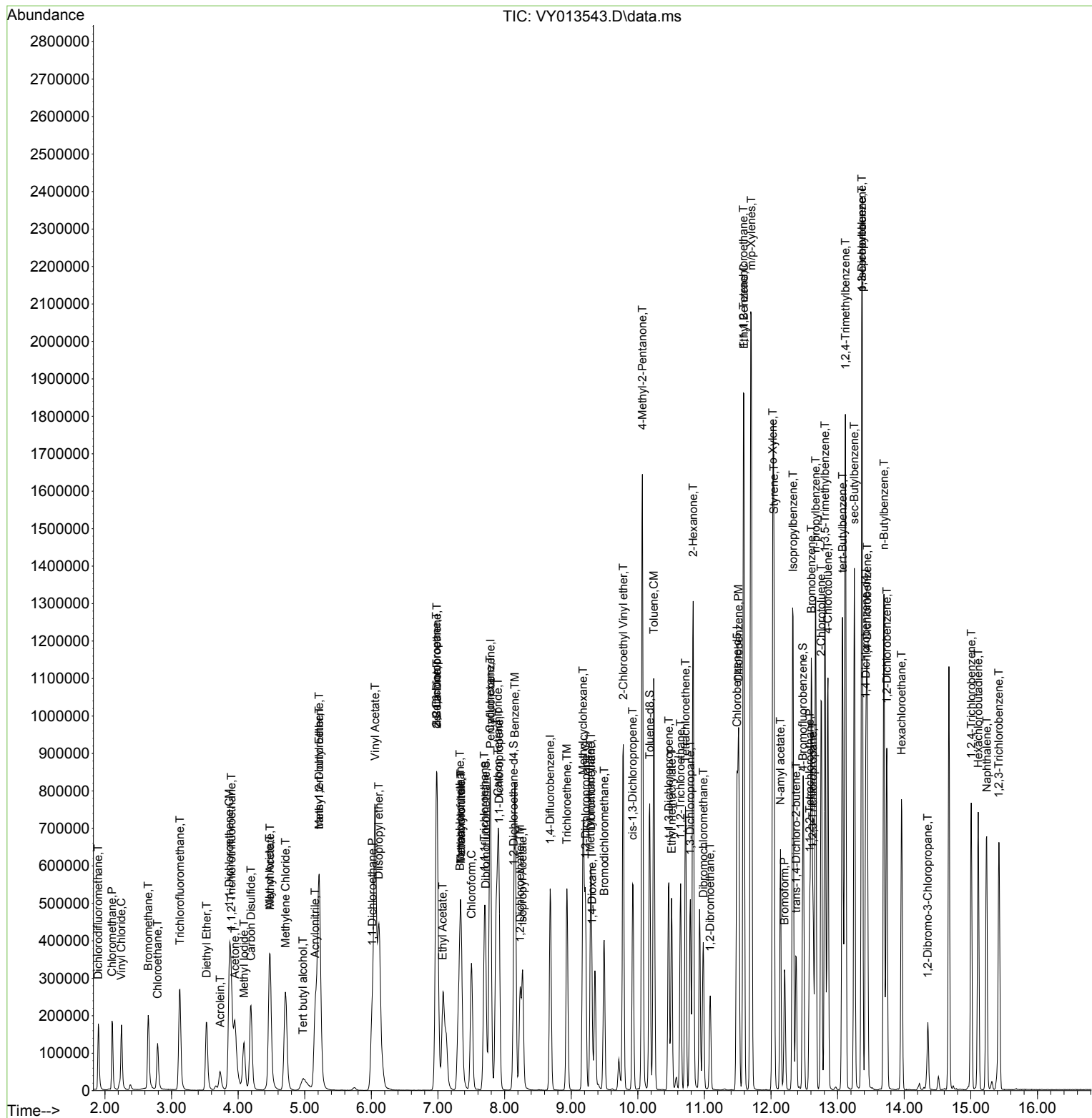
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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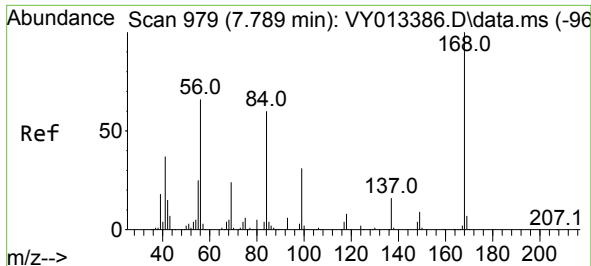
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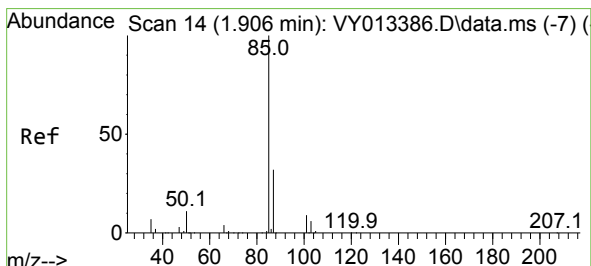
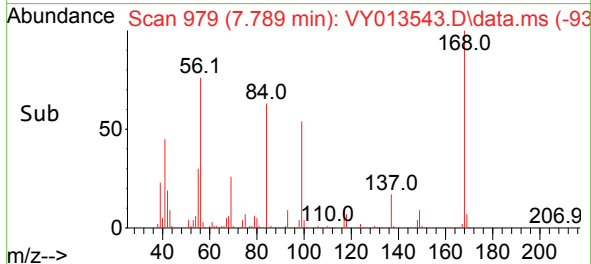
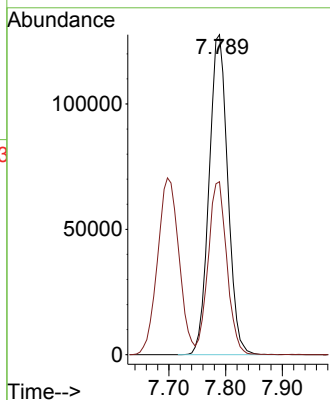
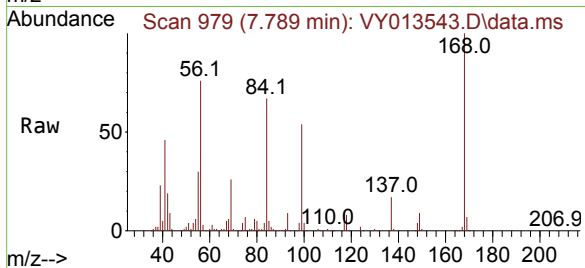




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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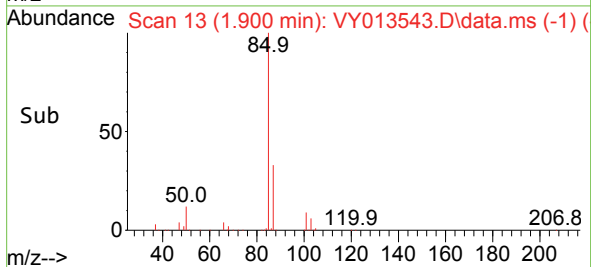
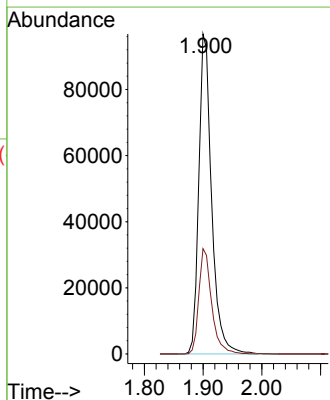
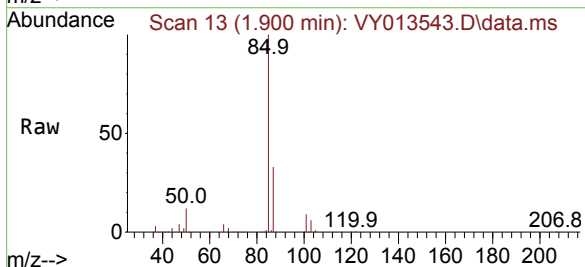
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

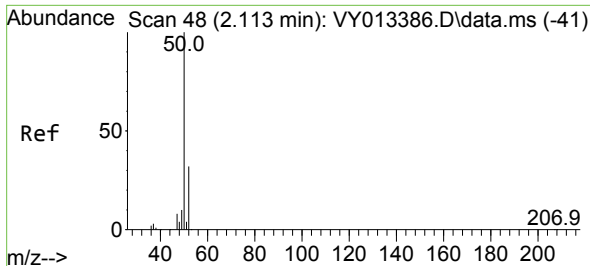
Tgt Ion:168 Resp: 291704
Ion Ratio Lower Upper
168 100
99 54.1 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 52.938 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 85 Resp: 146806
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2

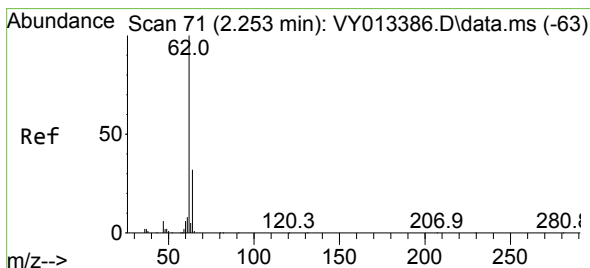
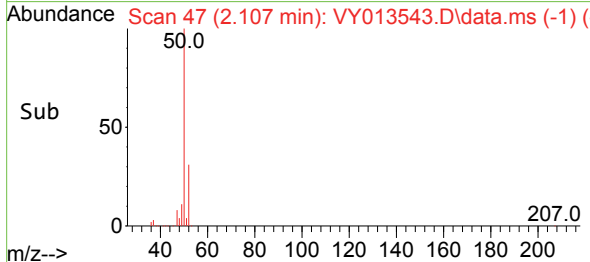
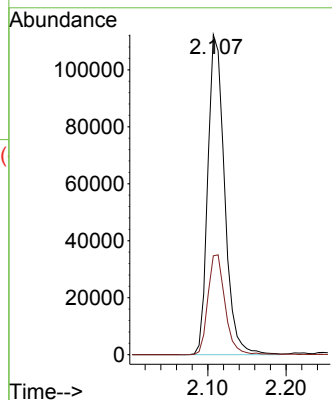
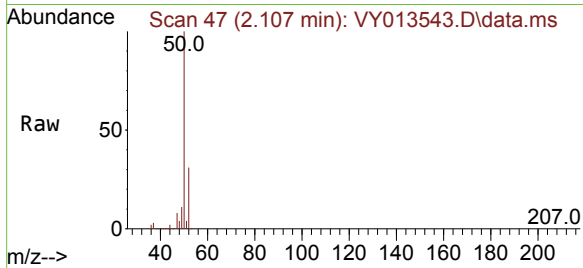




#3
Chloromethane
Concen: 44.749 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

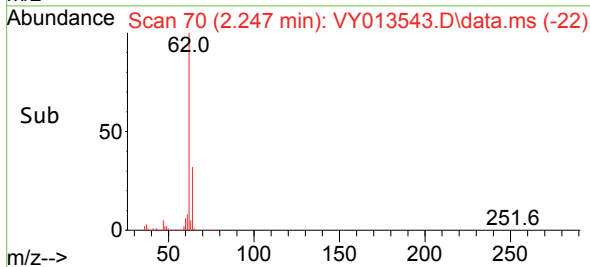
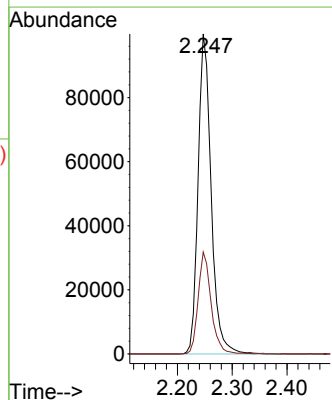
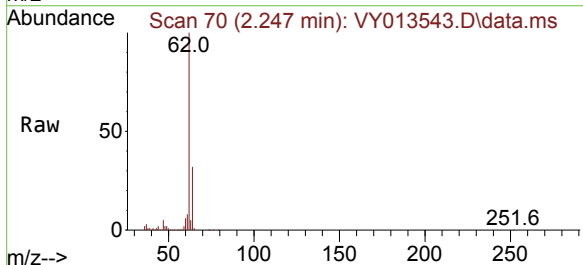
Instrument :
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ClientSampleId :
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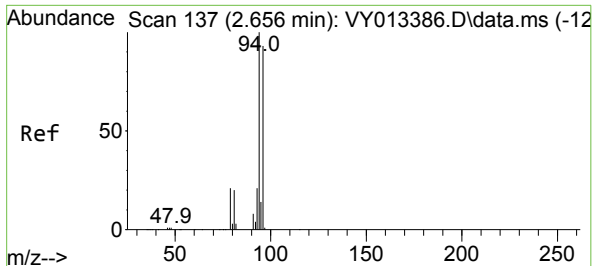
Tgt Ion: 50 Resp: 166344
Ion Ratio Lower Upper
50 100
52 30.9 25.9 38.9



#4
Vinyl Chloride
Concen: 44.878 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013543.D
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Tgt Ion: 62 Resp: 166104
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

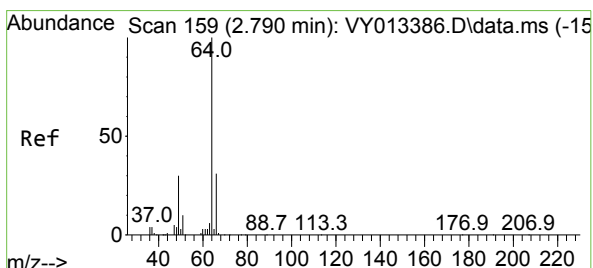
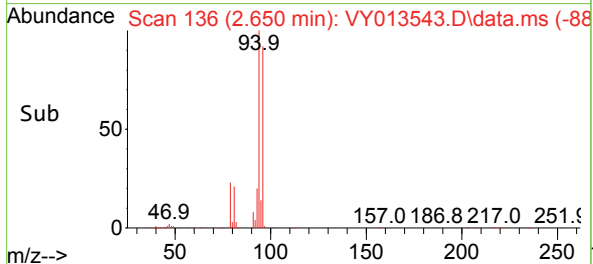
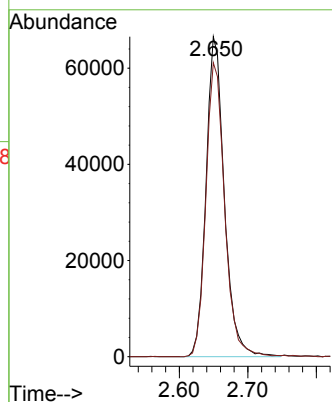
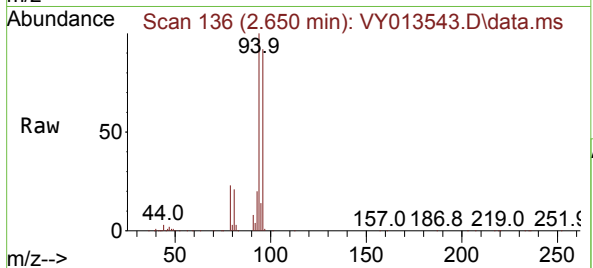




#5
Bromomethane
Concen: 41.939 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013543.D
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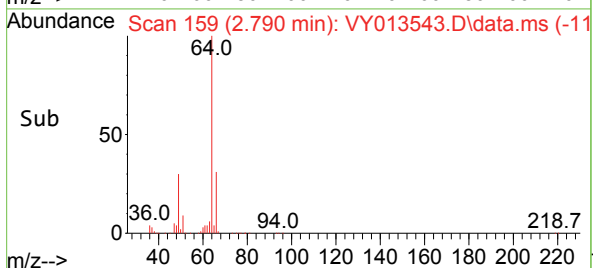
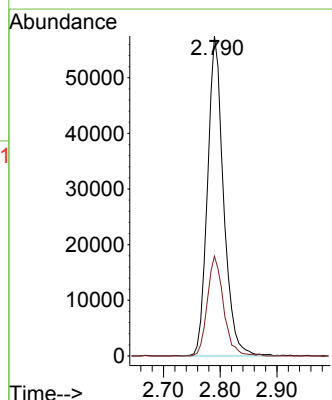
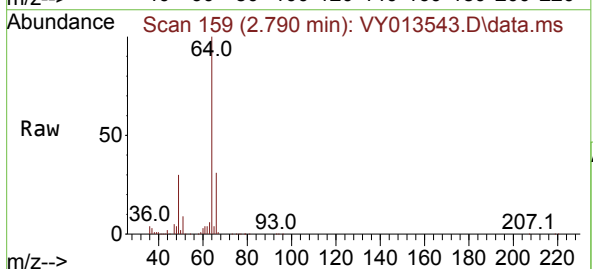
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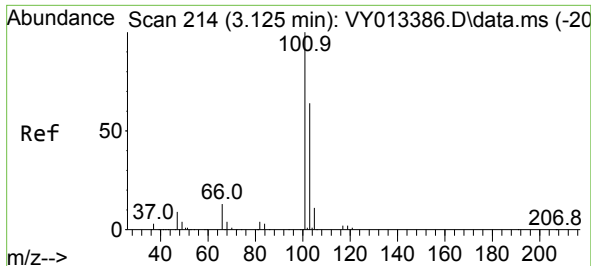
Tgt Ion: 94 Resp: 123699
Ion Ratio Lower Upper
94 100
96 91.8 74.2 111.2



#6
Chloroethane
Concen: 44.109 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 64 Resp: 112785
Ion Ratio Lower Upper
64 100
66 31.2 24.6 37.0

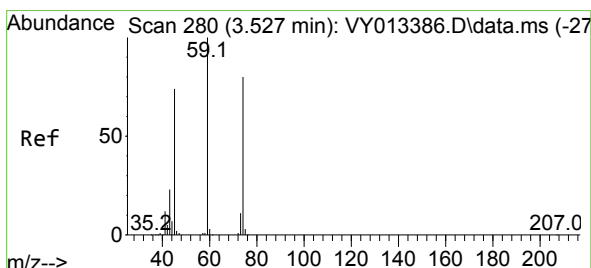
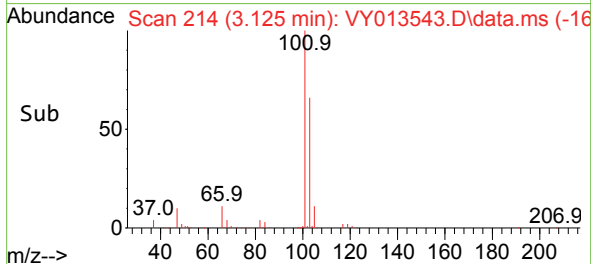
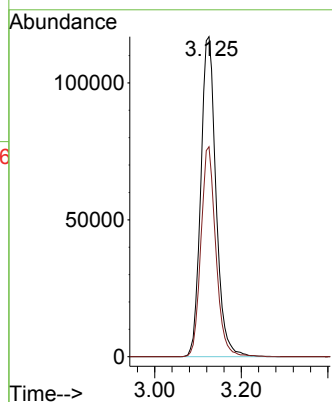
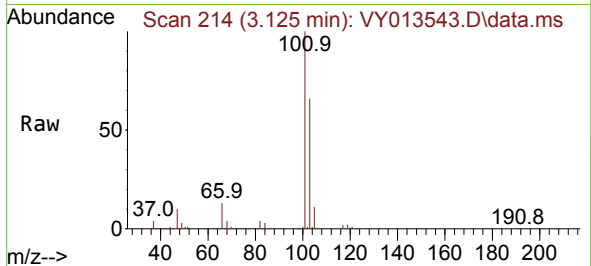




#7
 Trichlorofluoromethane
 Concen: 50.768 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013543.D
 Acq: 01 May 2023 17:13

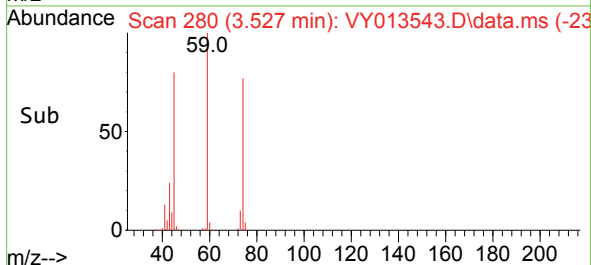
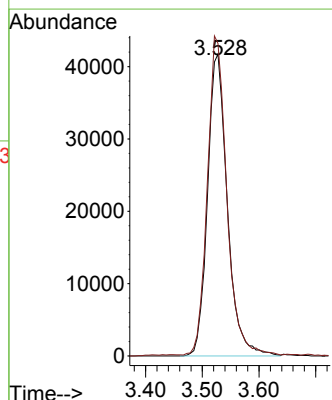
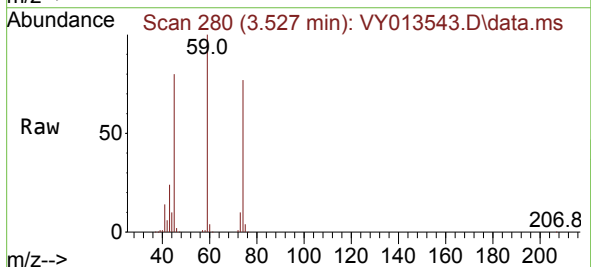
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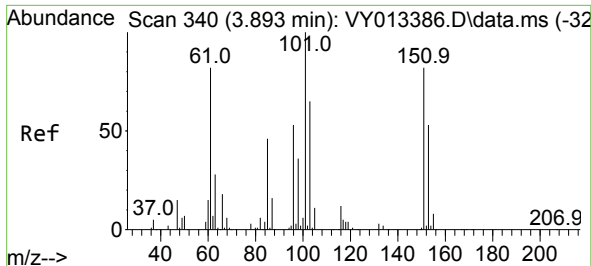
Tgt Ion:101 Resp: 284655
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.6 77.4



#8
 Diethyl Ether
 Concen: 53.048 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 101289
 Ion Ratio Lower Upper
 74 100
 45 103.3 48.2 144.6

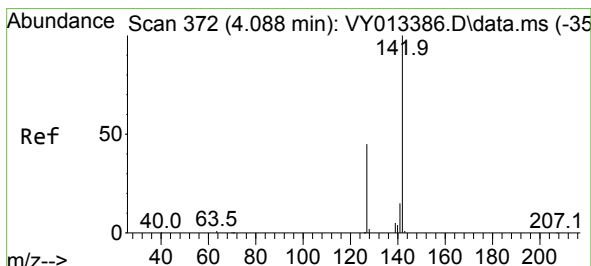
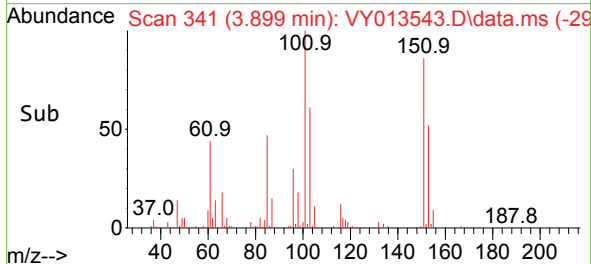
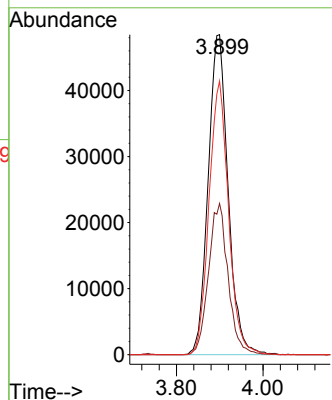
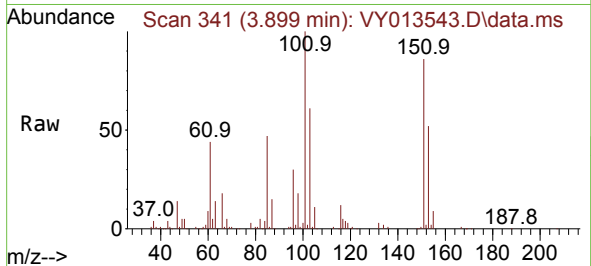




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.262 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

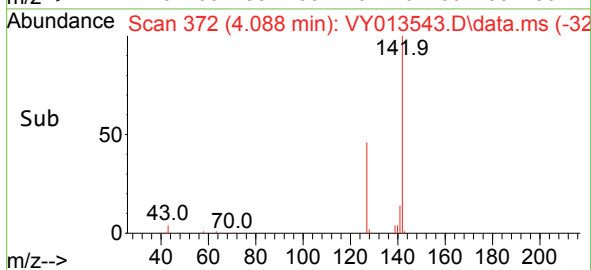
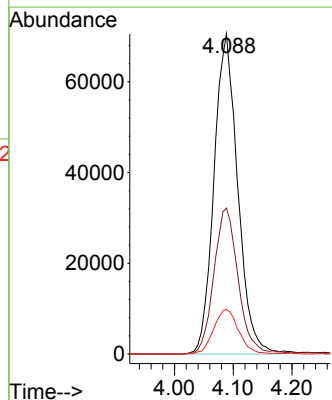
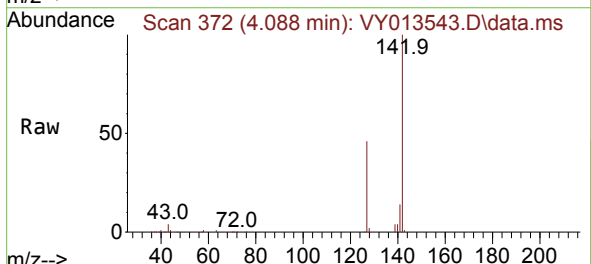
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

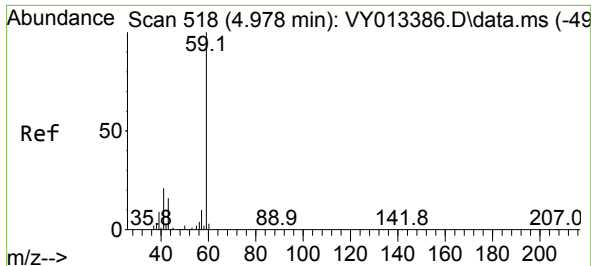
Tgt Ion:101 Resp: 154932
Ion Ratio Lower Upper
101 100
85 46.5 35.6 53.4
151 83.7 68.0 102.0



#10
Methyl Iodide
Concen: 50.017 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion:142 Resp: 197577
Ion Ratio Lower Upper
142 100
127 46.9 36.1 54.1
141 14.7 11.6 17.4

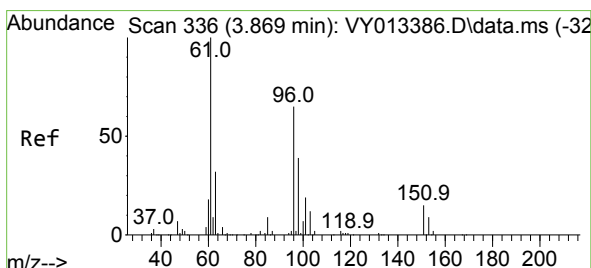
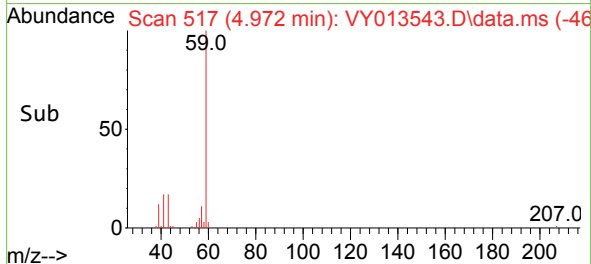
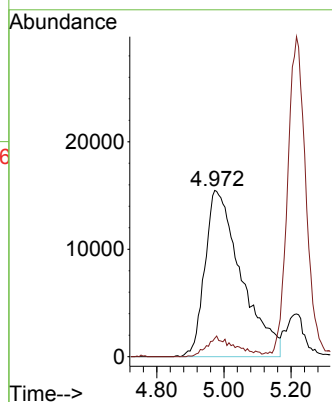
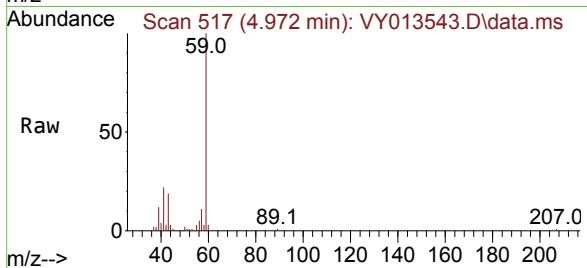




#11
Tert butyl alcohol
Concen: 321.945 ug/l
RT: 4.972 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

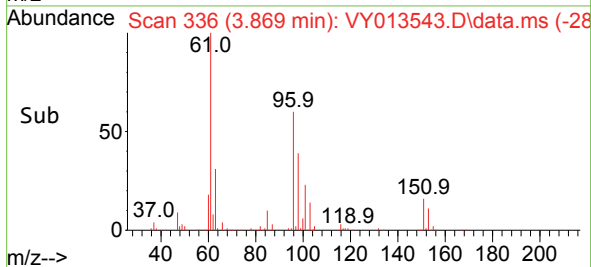
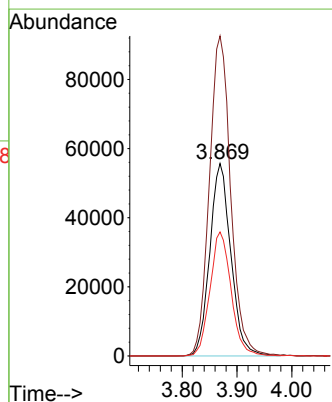
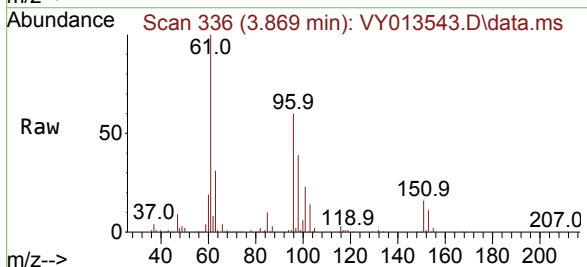
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

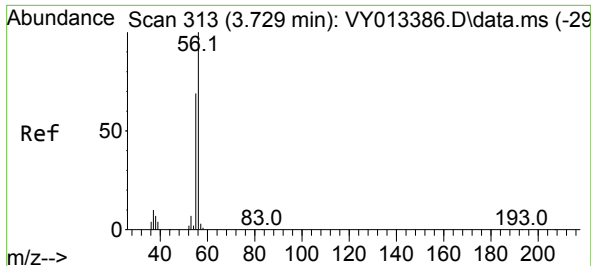
Tgt Ion: 59 Resp: 116023
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.062 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 96 Resp: 148739
Ion Ratio Lower Upper
96 100
61 166.1 123.9 185.9
98 64.4 48.9 73.3

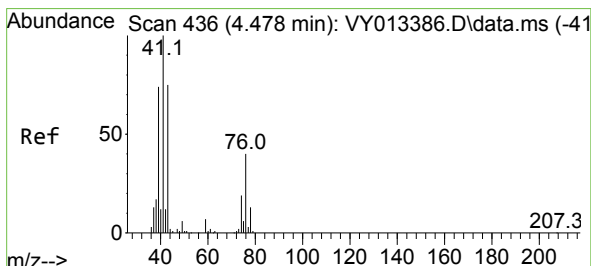
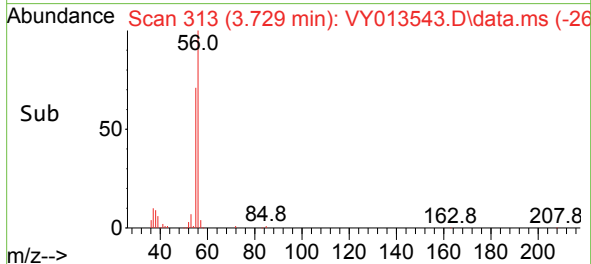
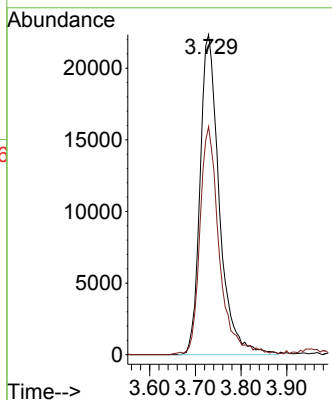
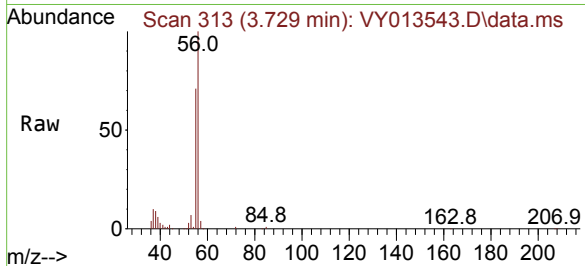




#13
Acrolein
Concen: 232.969 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

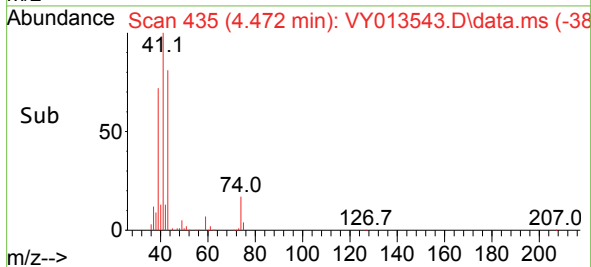
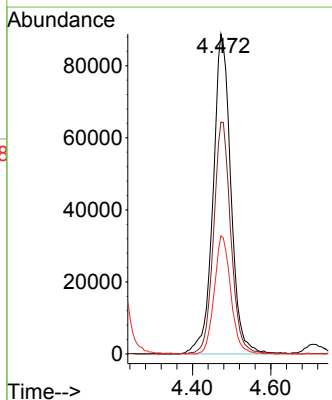
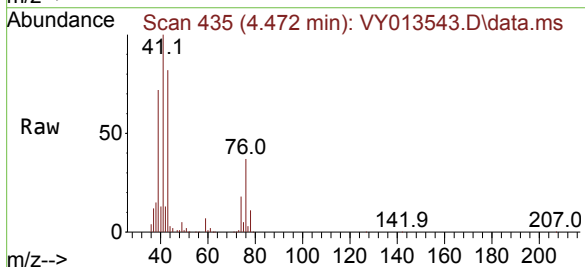
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

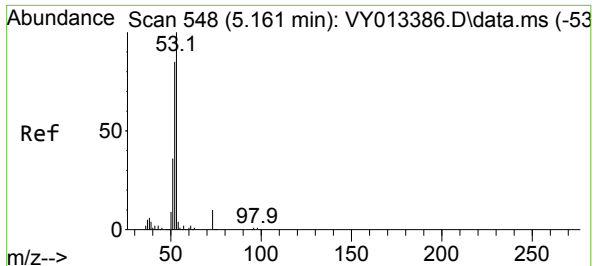
Tgt Ion: 56 Resp: 65260
Ion Ratio Lower Upper
56 100
55 71.6 54.1 81.1



#14
Allyl chloride
Concen: 49.929 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 41 Resp: 280862
Ion Ratio Lower Upper
41 100
39 70.1 56.6 85.0
76 34.2 30.5 45.7

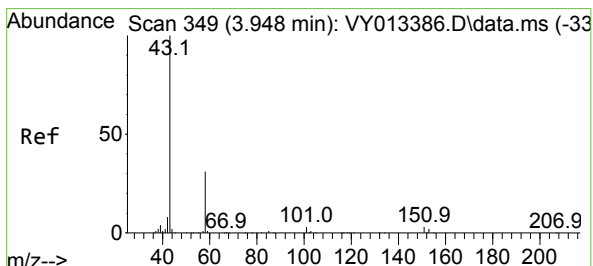
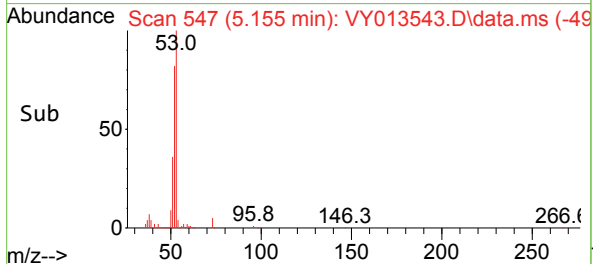
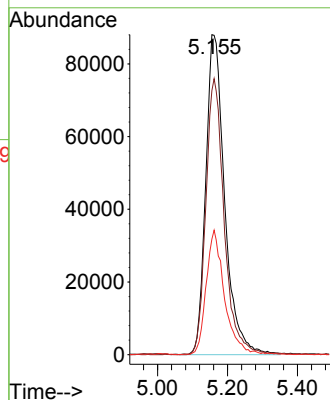
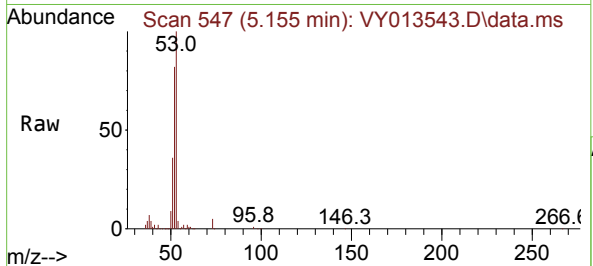




#15
Acrylonitrile
Concen: 309.376 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

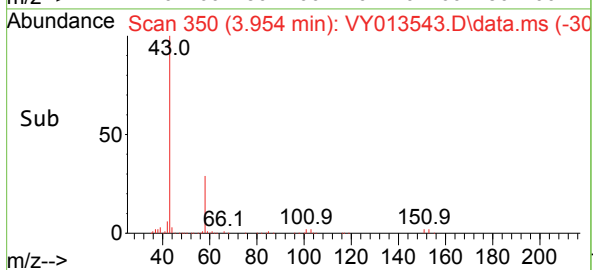
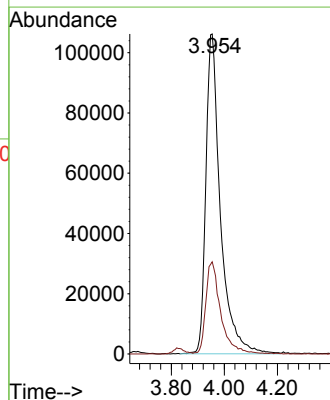
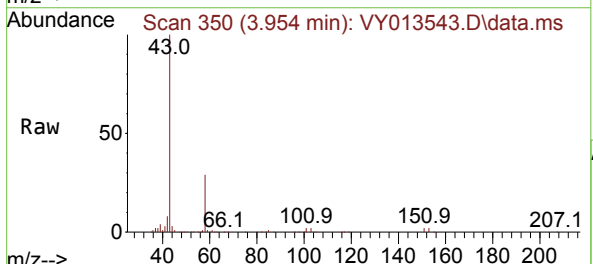
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

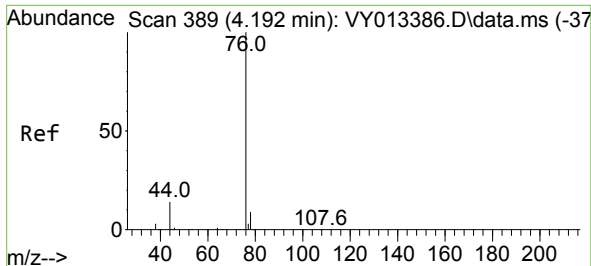
Tgt Ion: 53 Resp: 330823
Ion Ratio Lower Upper
53 100
52 83.6 65.4 98.0
51 37.6 29.3 43.9



#16
Acetone
Concen: 320.422 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 43 Resp: 403505
Ion Ratio Lower Upper
43 100
58 28.7 25.4 38.0

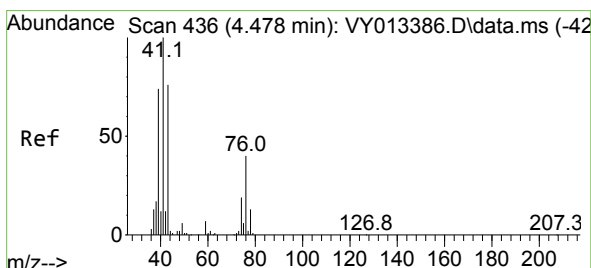
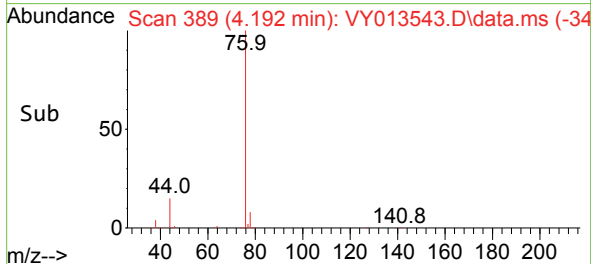
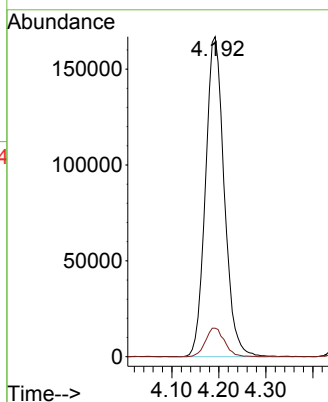
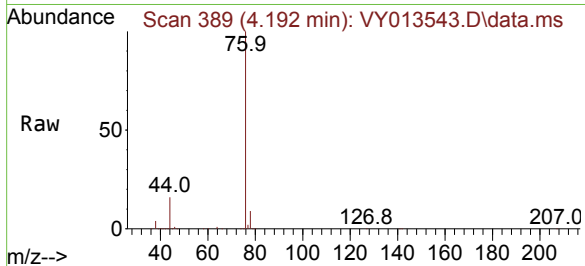




#17
Carbon Disulfide
Concen: 46.924 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

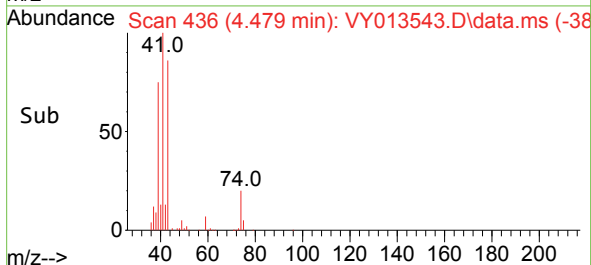
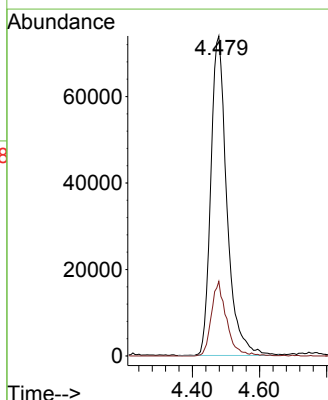
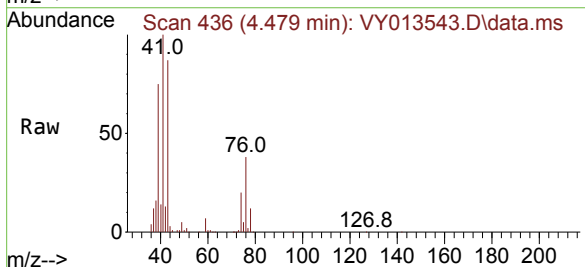
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

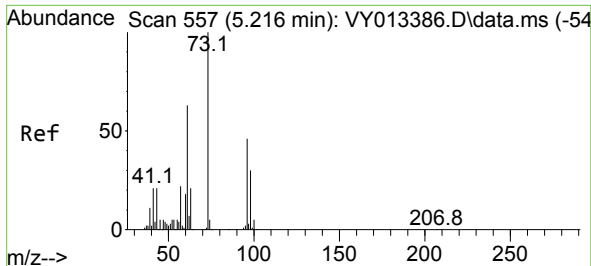
Tgt Ion: 76 Resp: 462096
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 59.063 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 43 Resp: 245653
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 56.224 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

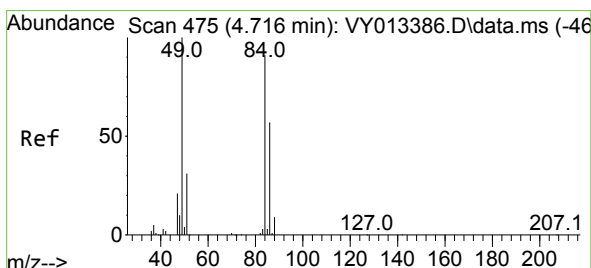
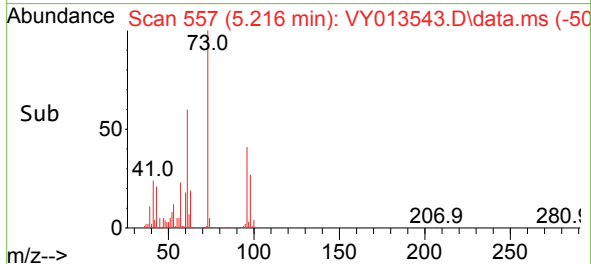
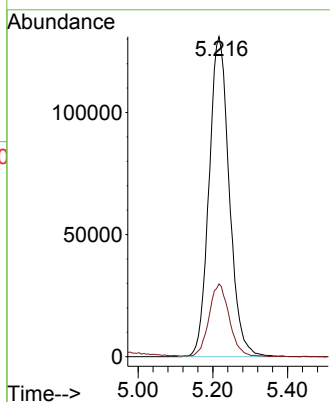
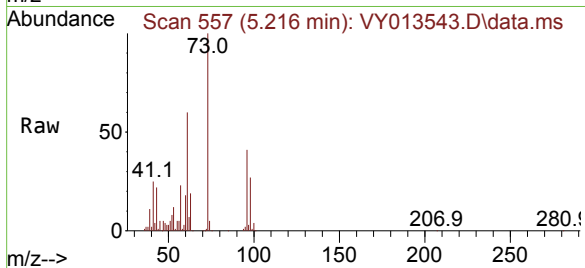
VSTDCCC050EC

Tgt Ion: 73 Resp: 492090

Ion Ratio Lower Upper

73 100

57 22.6 17.8 26.8



#20

Methylene Chloride

Concen: 49.351 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Tgt Ion: 84 Resp: 195106

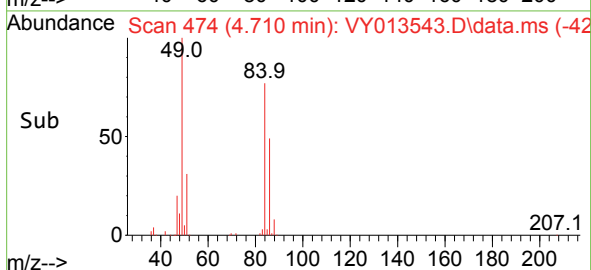
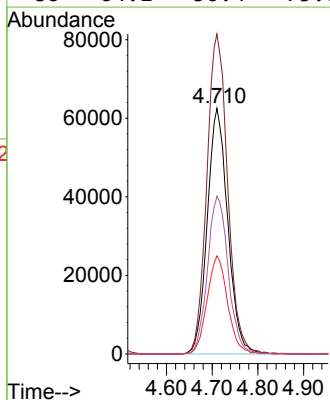
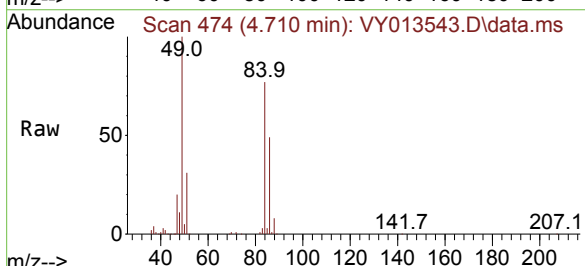
Ion Ratio Lower Upper

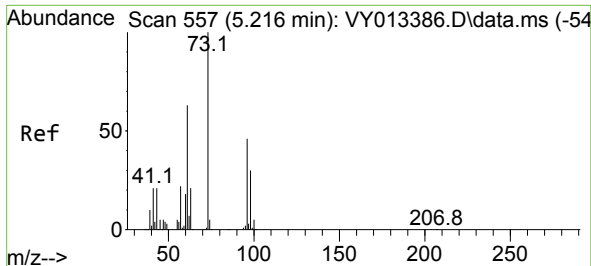
84 100

49 130.3 88.0 132.0

51 39.9 27.4 41.0

86 64.1 50.4 75.6

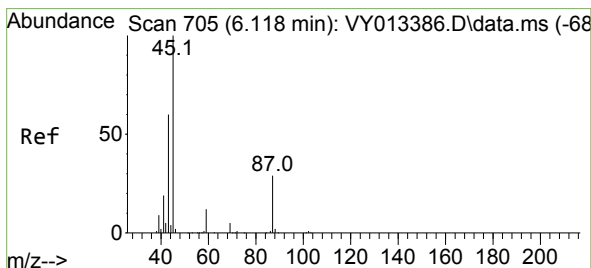
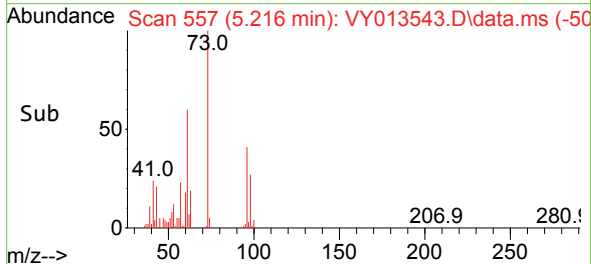
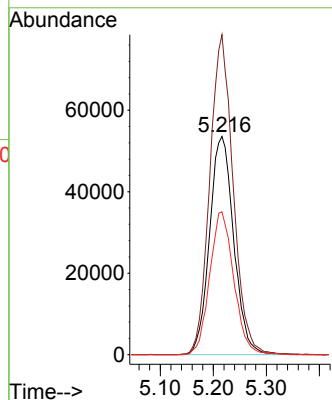
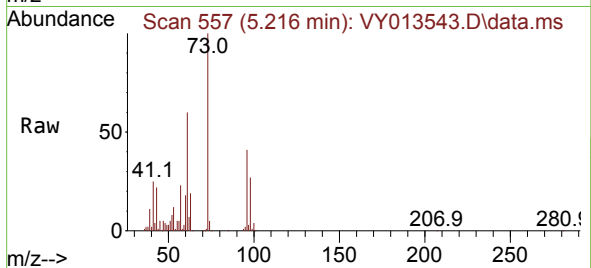




#21
trans-1,2-Dichloroethene
Concen: 51.208 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

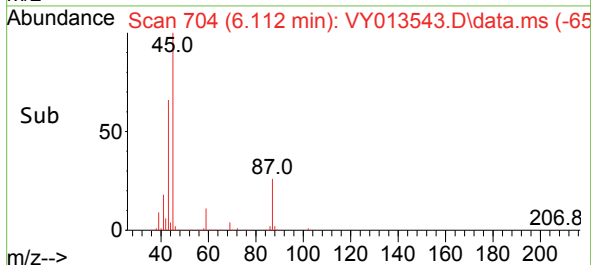
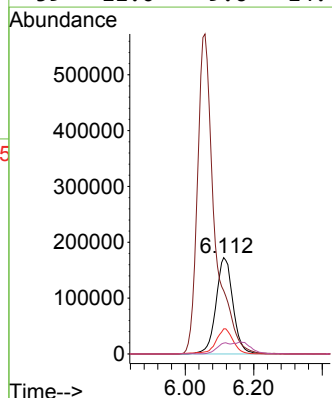
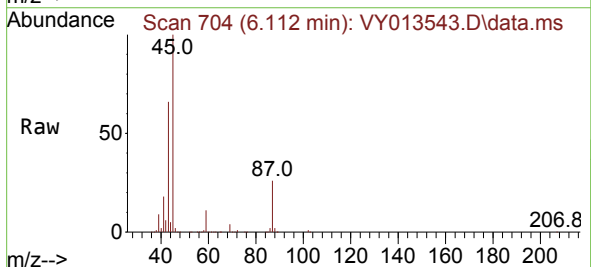
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

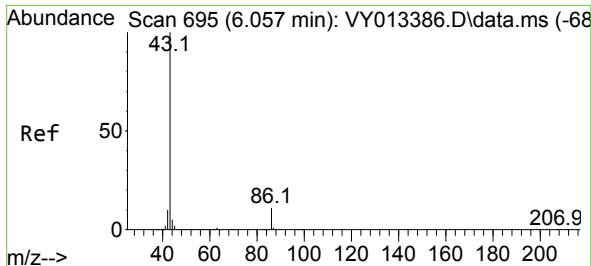
Tgt Ion: 96 Resp: 169739
Ion Ratio Lower Upper
96 100
61 146.5 110.6 165.8
98 65.3 53.1 79.7



#22
Diisopropyl ether
Concen: 53.788 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 45 Resp: 591391
Ion Ratio Lower Upper
45 100
43 65.5 48.4 72.6
87 26.0 23.8 35.6
59 11.0 9.6 14.4

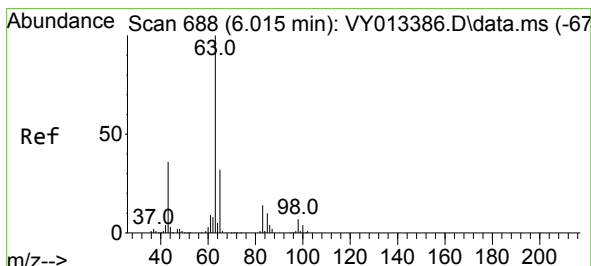
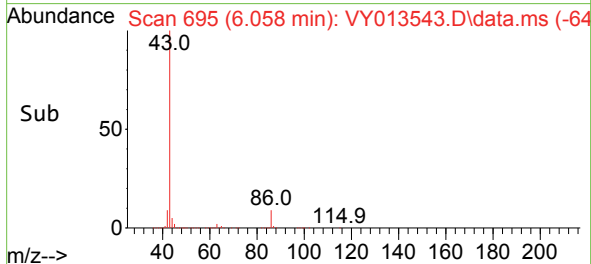
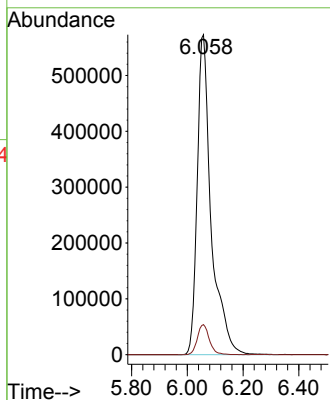
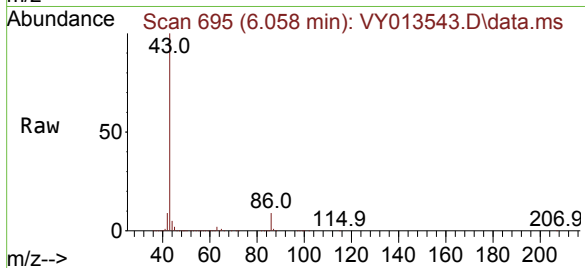




#23
 Vinyl Acetate
 Concen: 319.905 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013543.D
 Acq: 01 May 2023 17:13

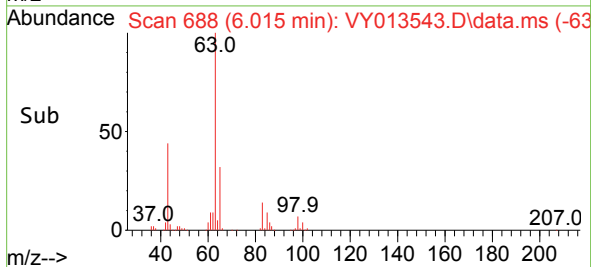
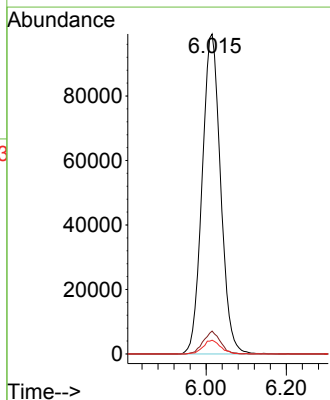
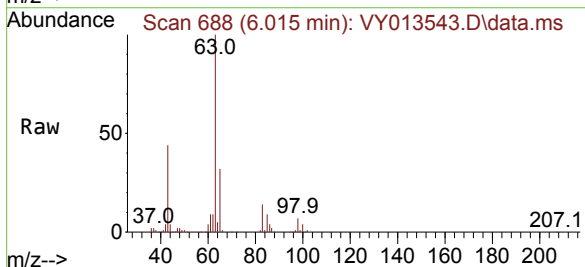
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

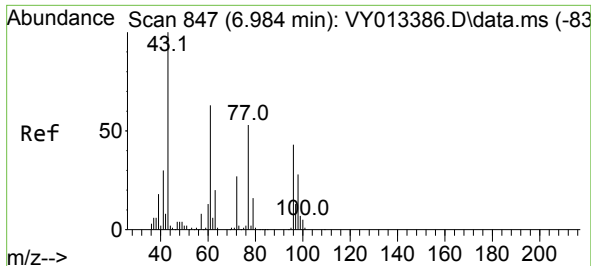
Tgt Ion: 43 Resp: 1991491
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 51.620 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013543.D
 Acq: 01 May 2023 17:13

Tgt Ion: 63 Resp: 316318
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.3 2.2 6.6

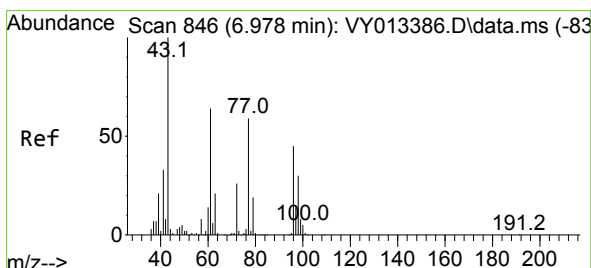
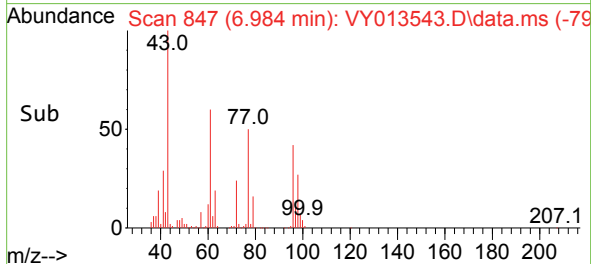
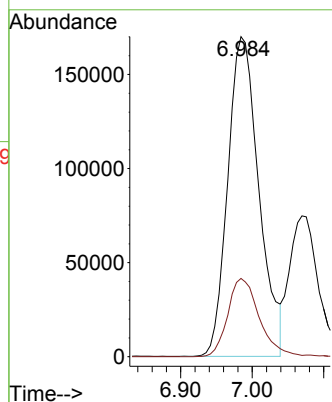
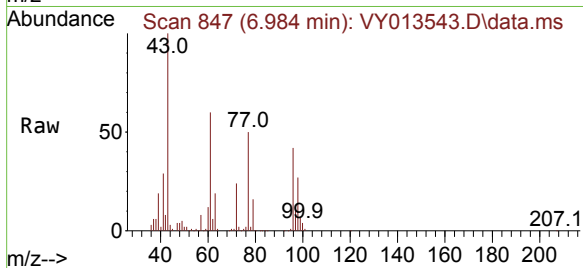




#25
2-Butanone
Concen: 322.618 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

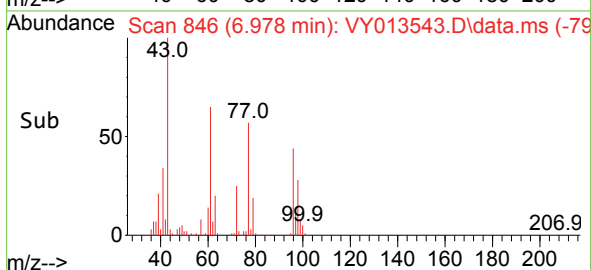
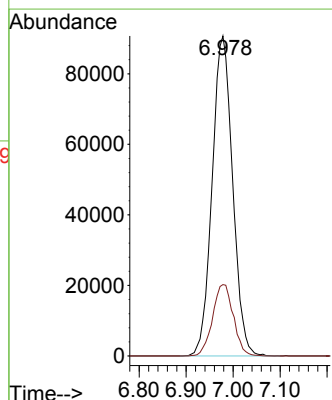
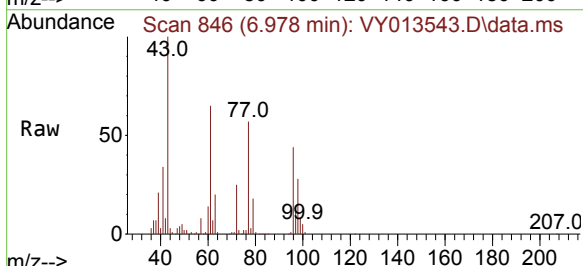
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

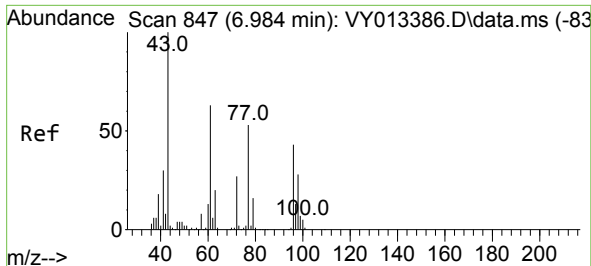
Tgt Ion: 43 Resp: 515241
Ion Ratio Lower Upper
43 100
72 24.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 52.032 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 77 Resp: 274744
Ion Ratio Lower Upper
77 100
97 22.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 53.739 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

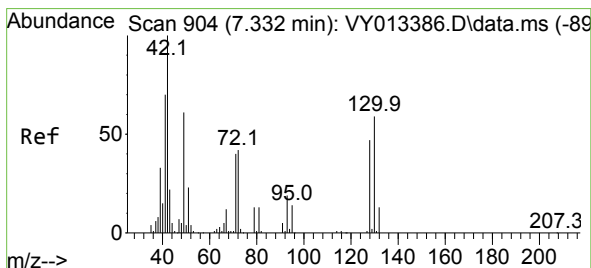
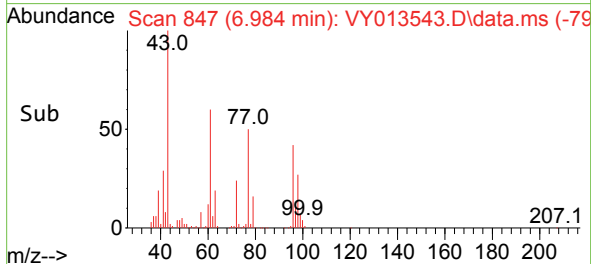
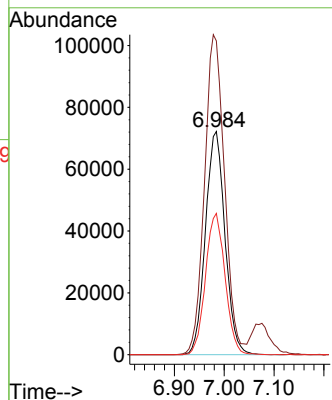
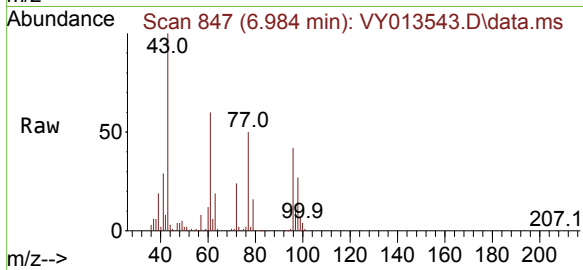
Tgt Ion: 96 Resp: 196809

Ion Ratio Lower Upper

96 100

61 147.1 0.0 285.0

98 63.5 0.0 130.6



#28

Bromochloromethane

Concen: 52.203 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

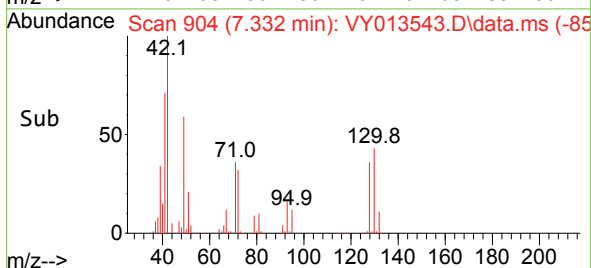
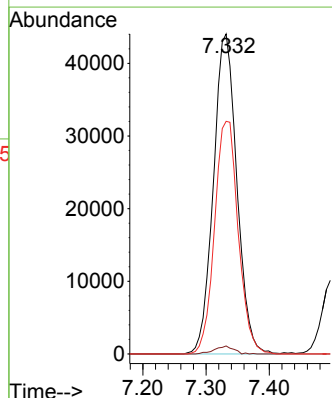
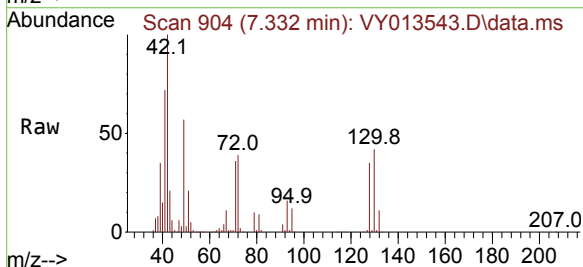
Tgt Ion: 49 Resp: 113517

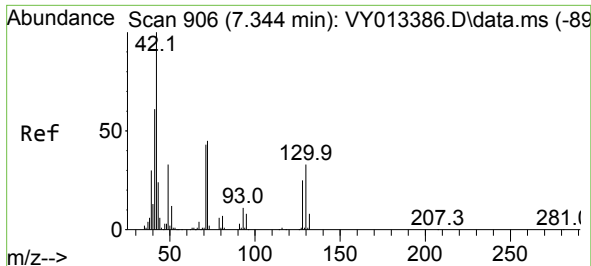
Ion Ratio Lower Upper

49 100

129 2.1 0.0 5.2

130 73.3 72.1 108.1





#29

Tetrahydrofuran

Concen: 320.831 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

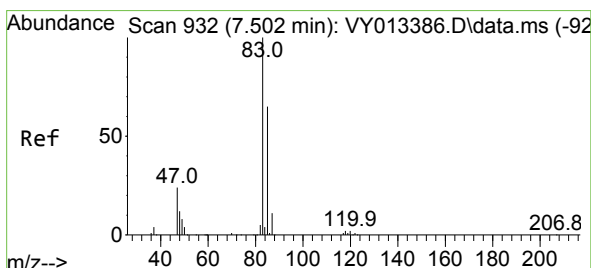
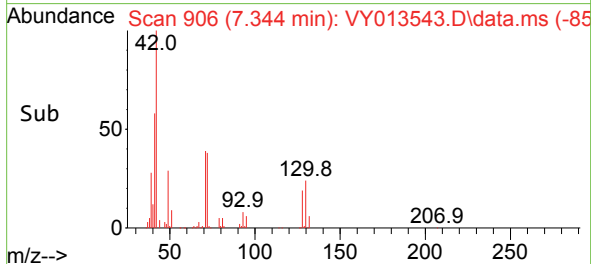
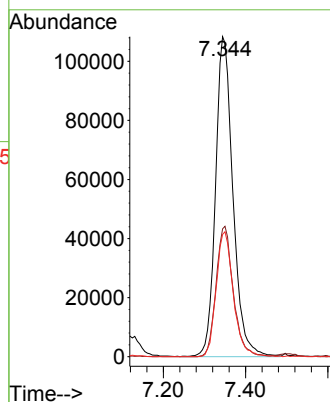
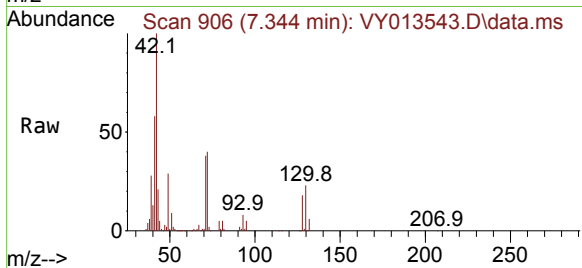
Tgt Ion: 42 Resp: 318950

Ion Ratio Lower Upper

42 100

72 40.2 35.9 53.9

71 38.4 34.3 51.5



#30

Chloroform

Concen: 54.232 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013543.D

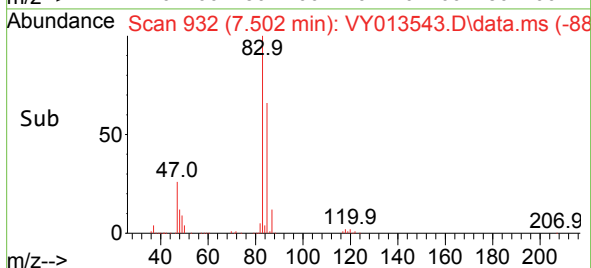
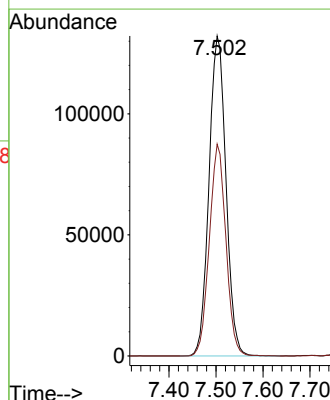
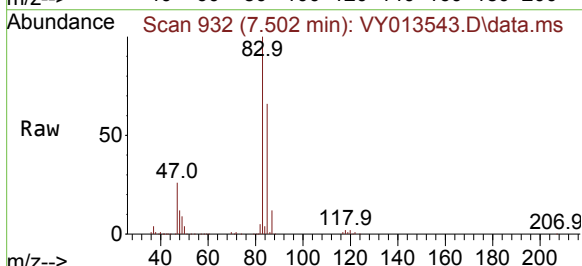
Acq: 01 May 2023 17:13

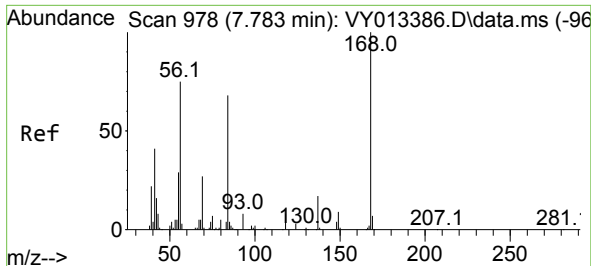
Tgt Ion: 83 Resp: 330412

Ion Ratio Lower Upper

83 100

85 66.2 52.0 78.0

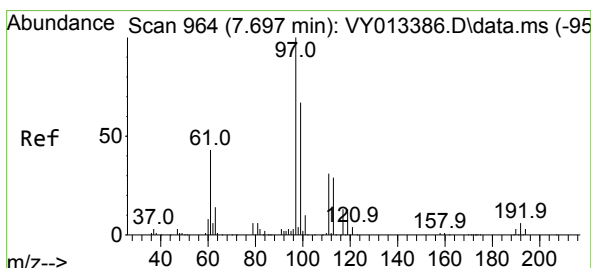
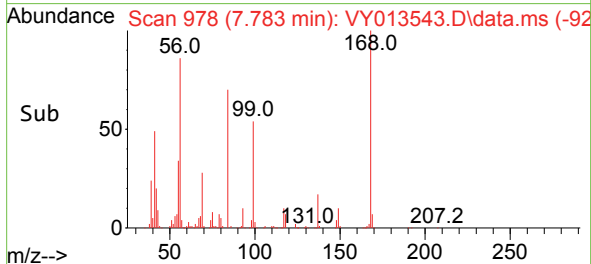
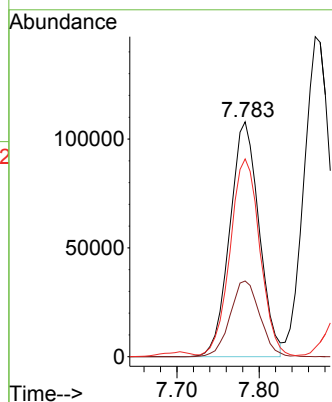
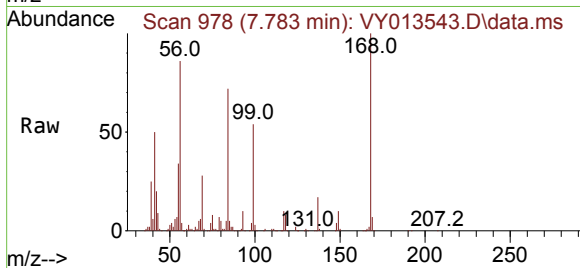




#31
Cyclohexane
Concen: 46.673 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

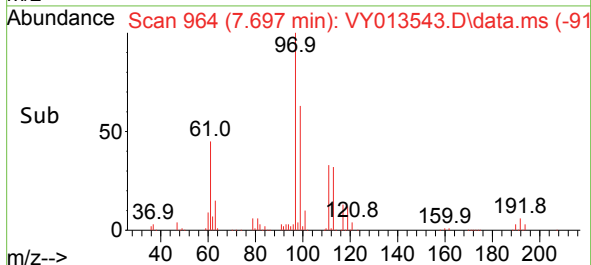
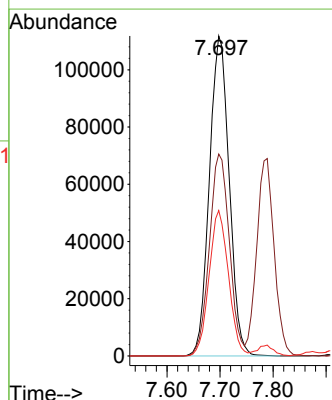
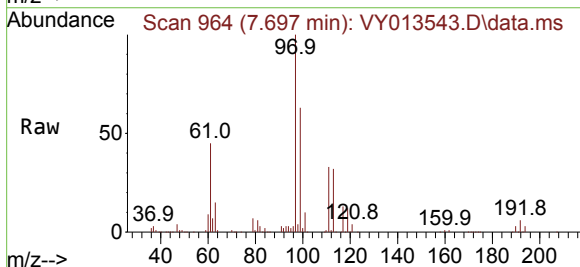
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

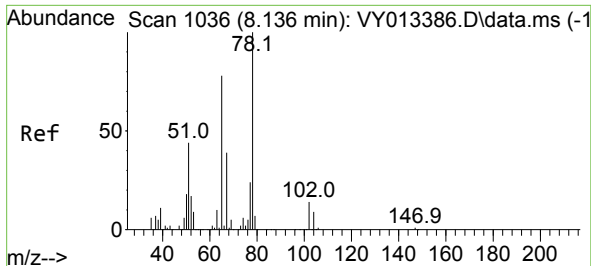
Tgt Ion: 56 Resp: 267213
Ion Ratio Lower Upper
56 100
69 32.2 29.2 43.8
84 82.1 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 53.315 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 97 Resp: 289857
Ion Ratio Lower Upper
97 100
99 64.0 52.2 78.2
61 44.6 33.8 50.8

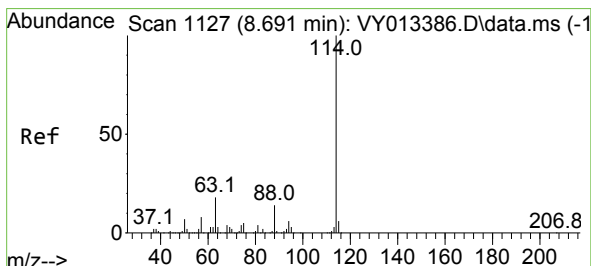
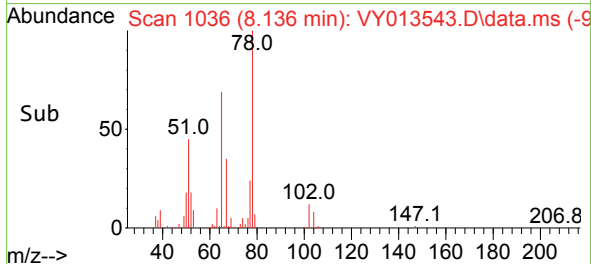
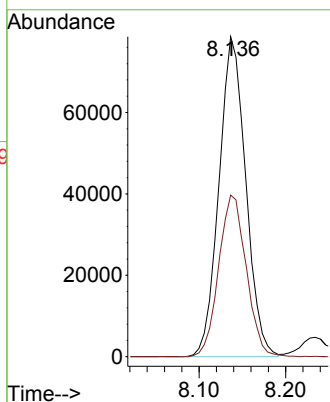
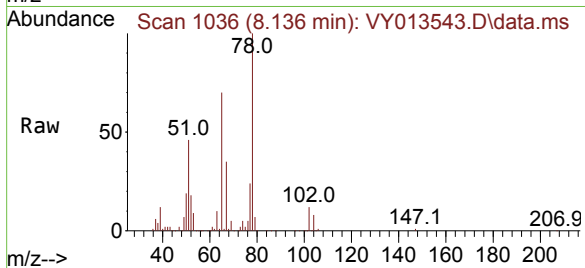




#33
1,2-Dichloroethane-d4
Concen: 52.802 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

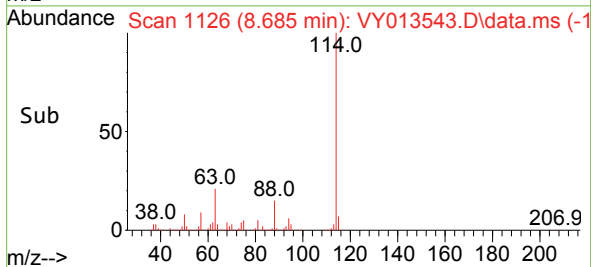
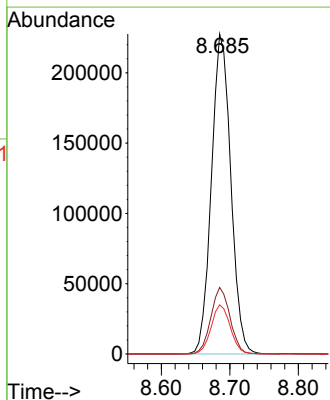
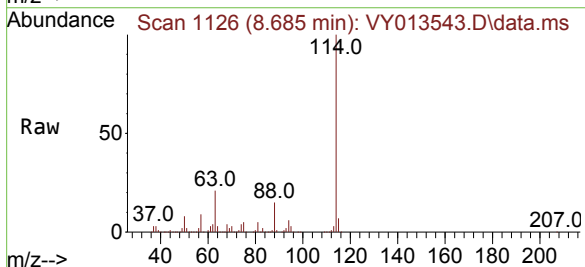
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

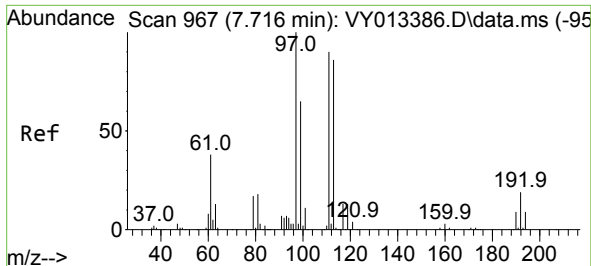
Tgt Ion: 65 Resp: 168847
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 114 Resp: 445761
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.6
88 15.3 0.0 28.8

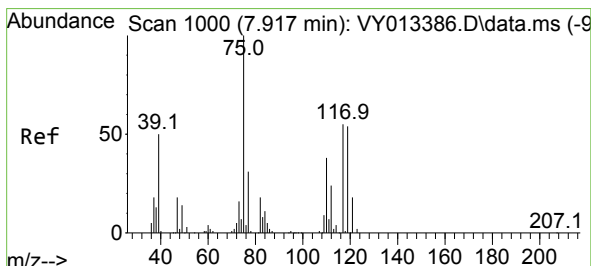
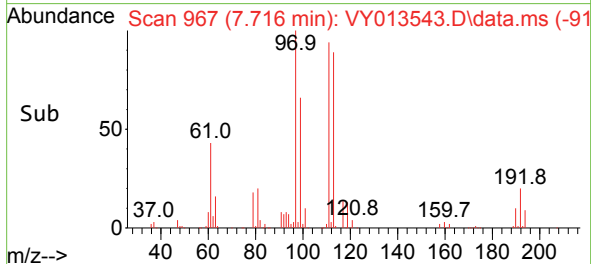
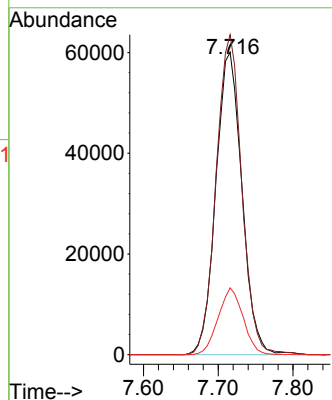
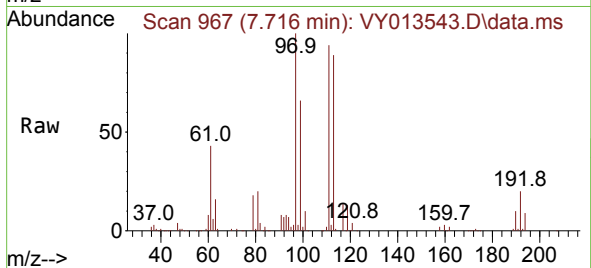




#35
Dibromofluoromethane
Concen: 51.877 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

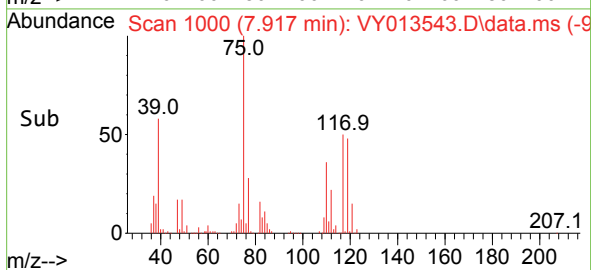
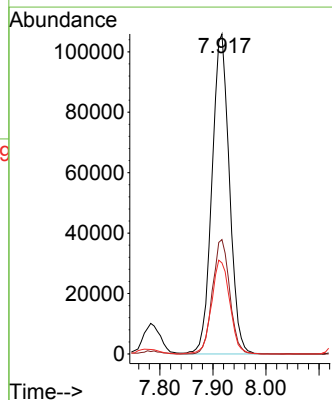
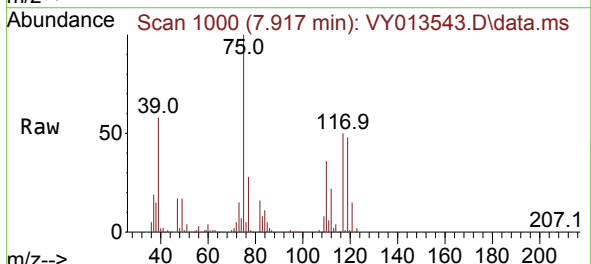
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

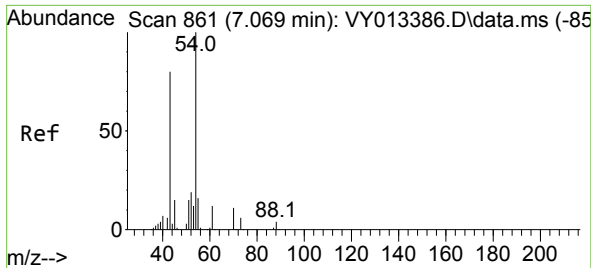
Tgt Ion:113 Resp: 145443
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 51.923 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 75 Resp: 241597
Ion Ratio Lower Upper
75 100
110 35.4 18.7 56.1
77 30.6 24.6 37.0

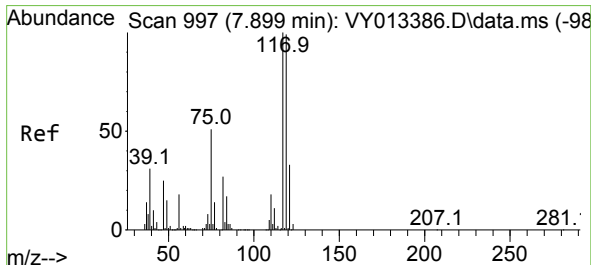
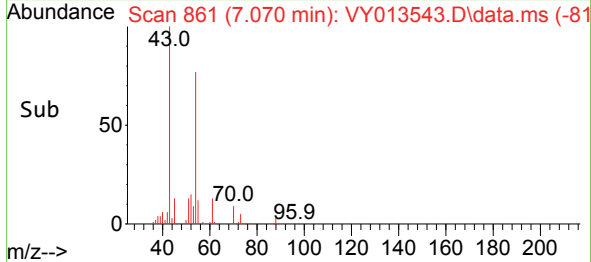
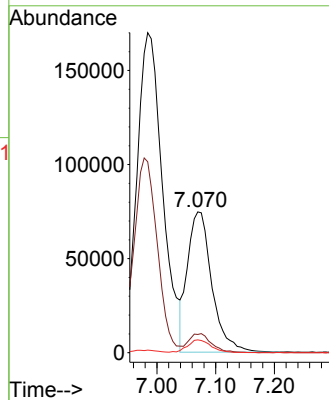
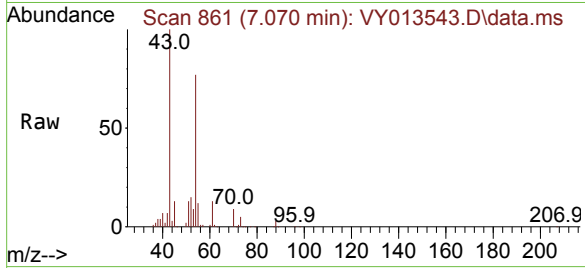




#37
Ethyl Acetate
Concen: 61.328 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

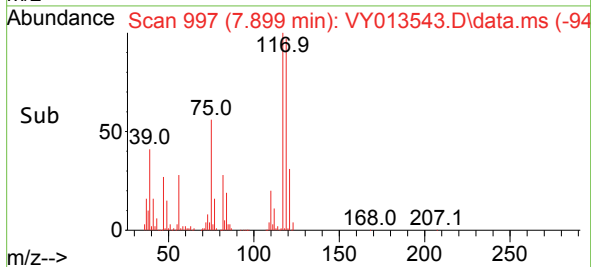
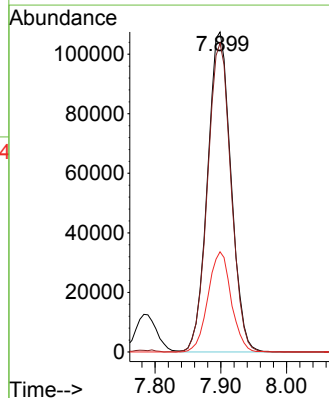
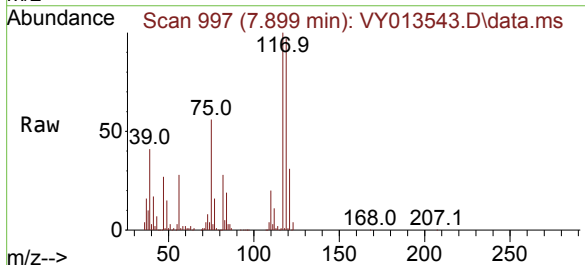
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

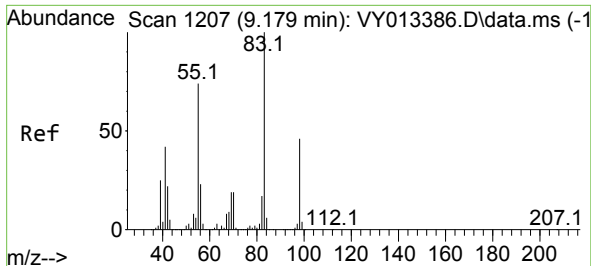
Tgt Ion: 43 Resp: 214743
Ion Ratio Lower Upper
43 100
61 12.4 11.4 17.0
70 8.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 54.729 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 117 Resp: 266909
Ion Ratio Lower Upper
117 100
119 96.4 79.0 118.6
121 31.3 26.6 40.0





#39

Methylcyclohexane

Concen: 51.544 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

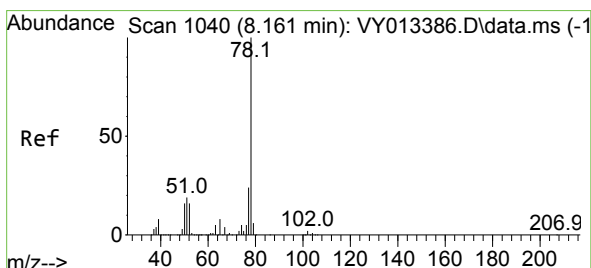
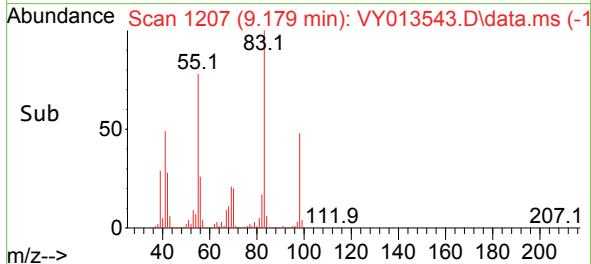
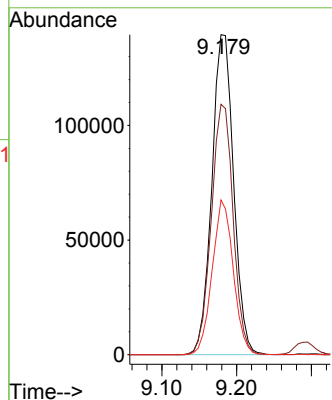
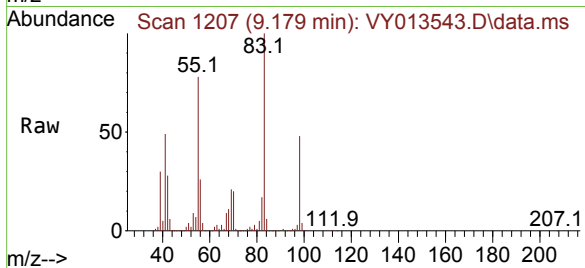
Tgt Ion: 83 Resp: 282743

Ion Ratio Lower Upper

83 100

55 78.2 59.0 88.4

98 48.4 37.0 55.4



#40

Benzene

Concen: 53.283 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013543.D

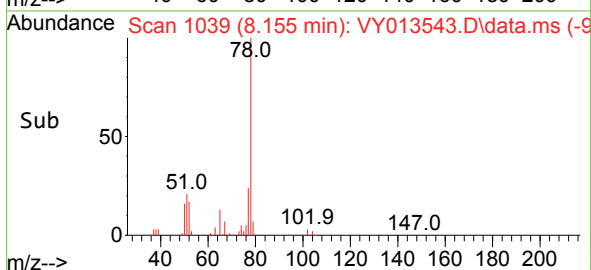
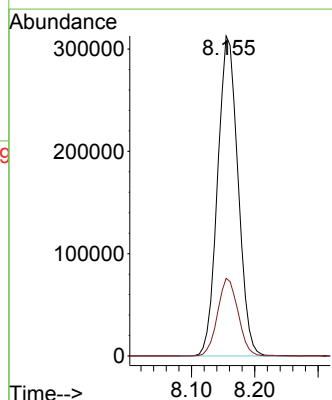
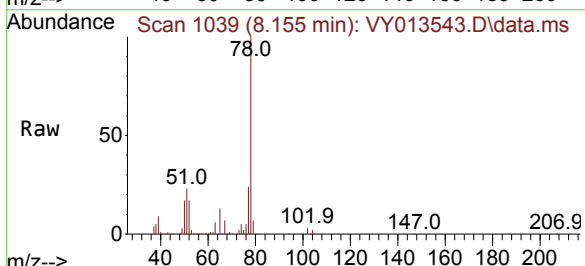
Acq: 01 May 2023 17:13

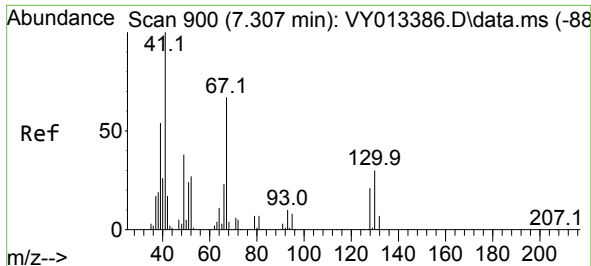
Tgt Ion: 78 Resp: 698381

Ion Ratio Lower Upper

78 100

77 24.3 19.2 28.8

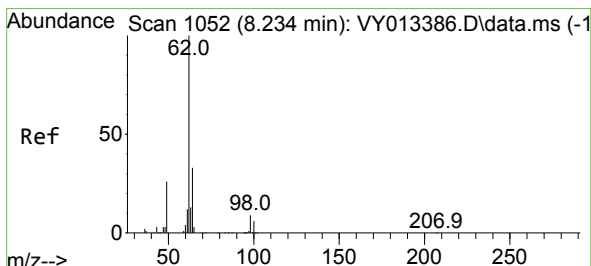
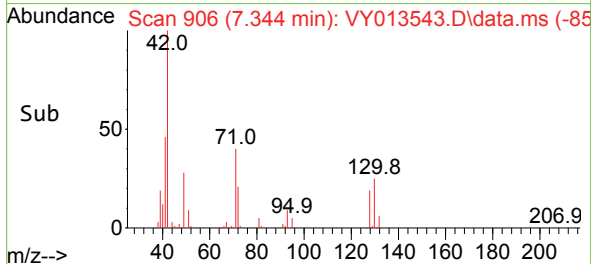
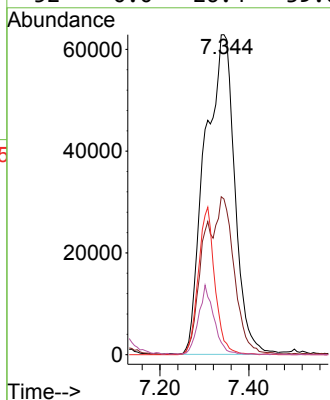
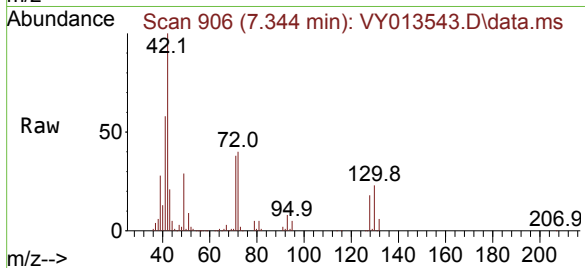




#41
Methacrylonitrile
Concen: 178.472 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

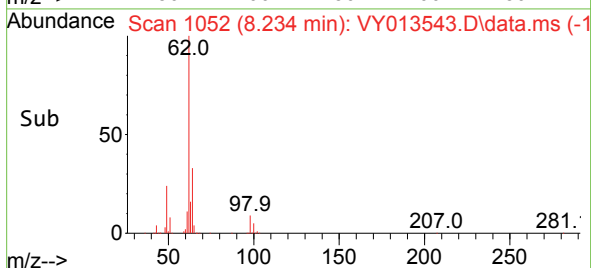
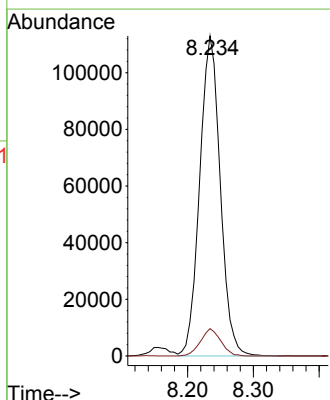
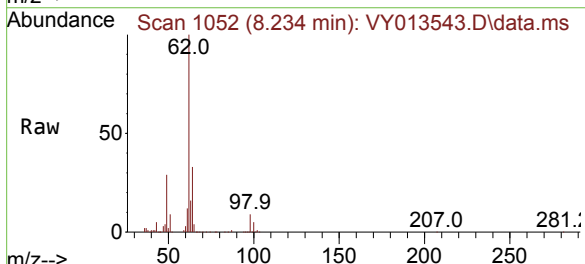
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

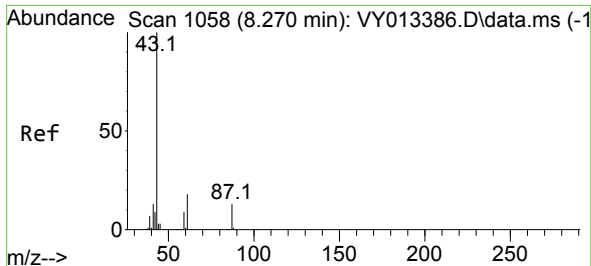
Tgt Ion: 41 Resp: 291213
Ion Ratio Lower Upper
41 100
39 26.8 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 57.307 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 62 Resp: 245567
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.8

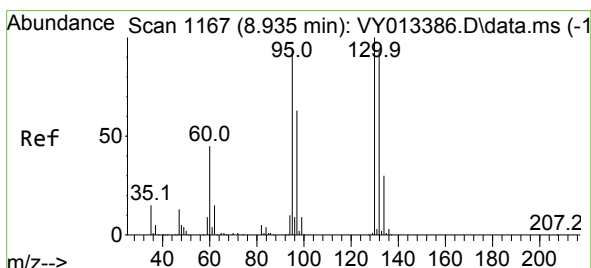
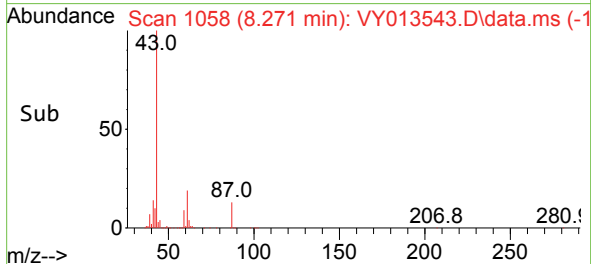
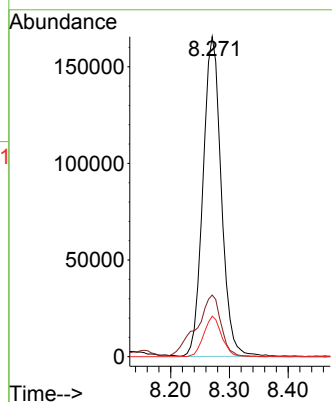
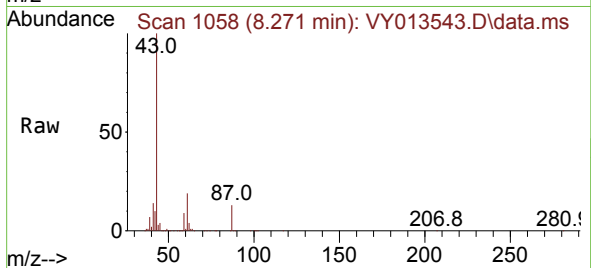




#43
Isopropyl Acetate
Concen: 60.386 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

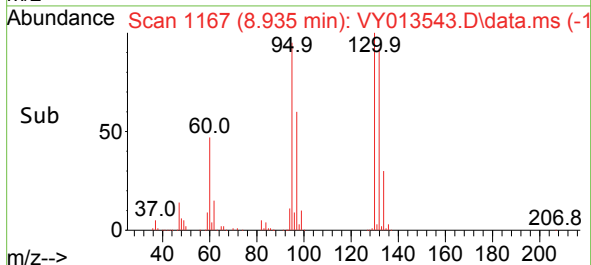
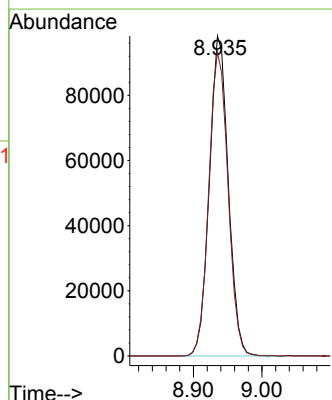
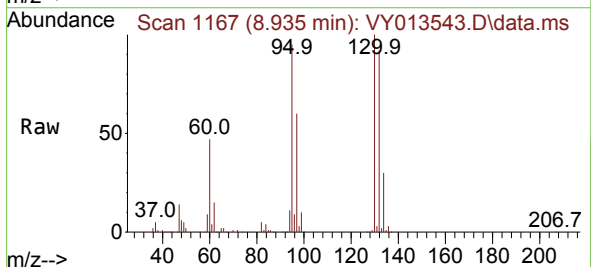
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

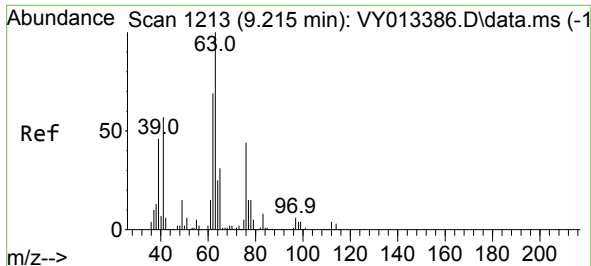
Tgt Ion: 43 Resp: 356897
Ion Ratio Lower Upper
43 100
61 26.0 22.2 33.4
87 12.4 11.0 16.6



#44
Trichloroethene
Concen: 54.137 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion:130 Resp: 188746
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.8





#45

1,2-Dichloropropane

Concen: 54.216 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

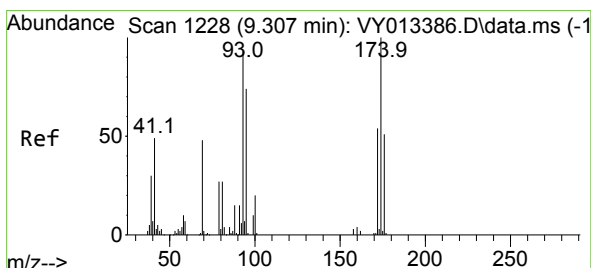
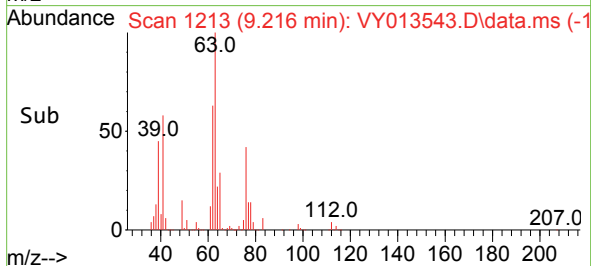
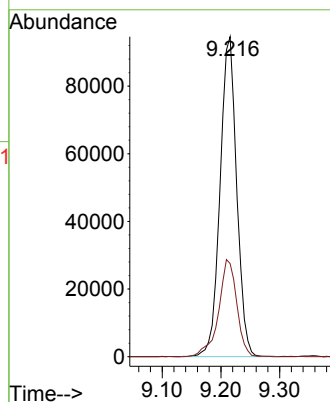
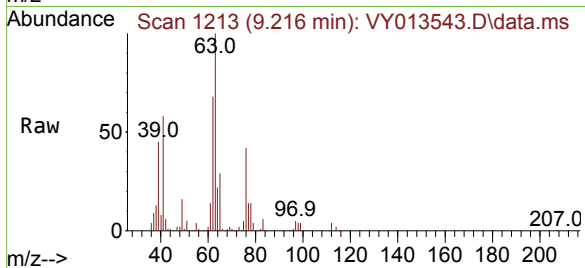
VSTDCCC050EC

Tgt Ion: 63 Resp: 185801

Ion Ratio Lower Upper

63 100

65 29.1 24.6 37.0



#46

Dibromomethane

Concen: 57.173 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

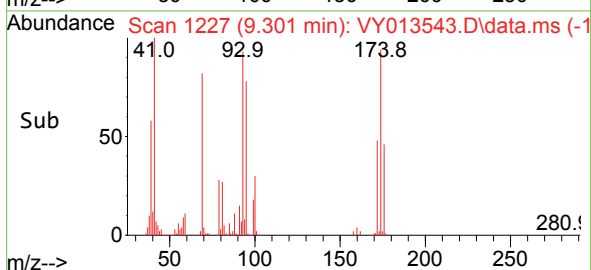
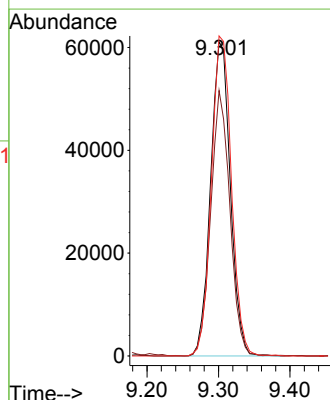
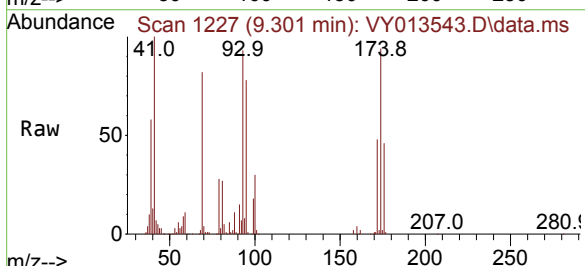
Tgt Ion: 93 Resp: 117234

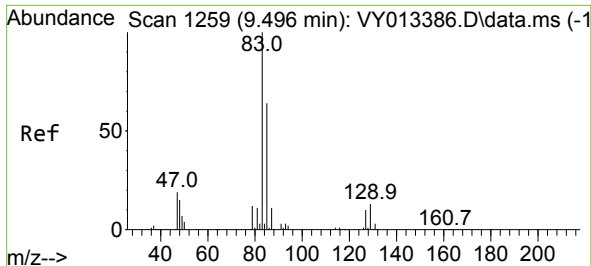
Ion Ratio Lower Upper

93 100

95 81.9 67.1 100.7

174 103.4 87.0 130.4

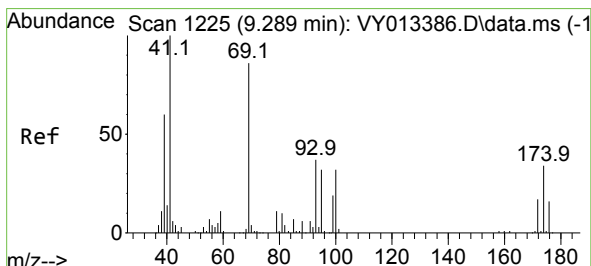
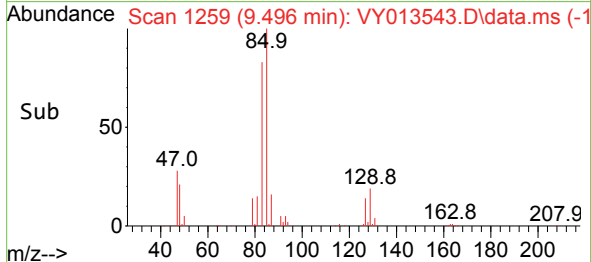
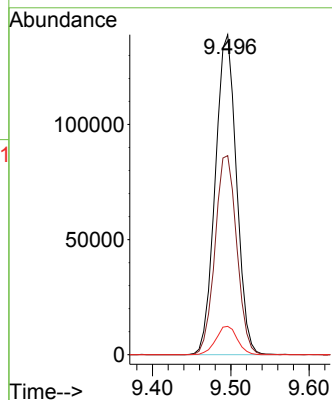
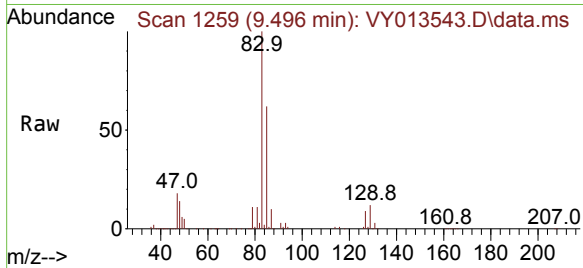




#47
Bromodichloromethane
Concen: 57.059 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

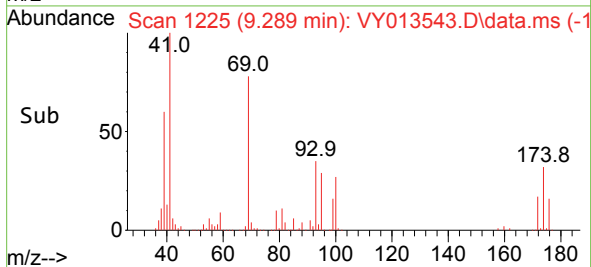
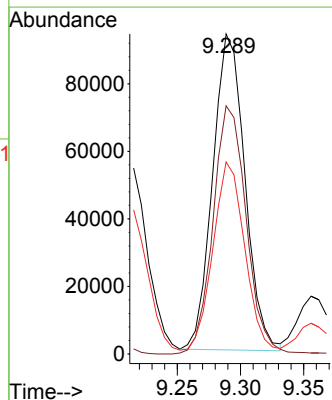
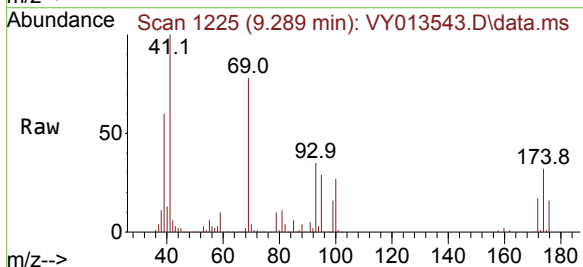
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

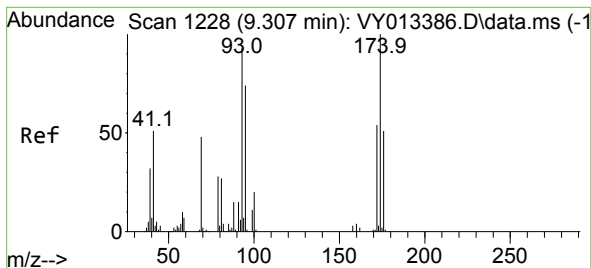
Tgt Ion: 83 Resp: 261802
Ion Ratio Lower Upper
83 100
85 62.2 51.4 77.2
127 8.8 8.1 12.1



#48
Methyl methacrylate
Concen: 60.892 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 41 Resp: 165285
Ion Ratio Lower Upper
41 100
69 81.4 70.2 105.4
39 58.8 47.9 71.9





#49

1,4-Dioxane

Concen: 1347.862 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

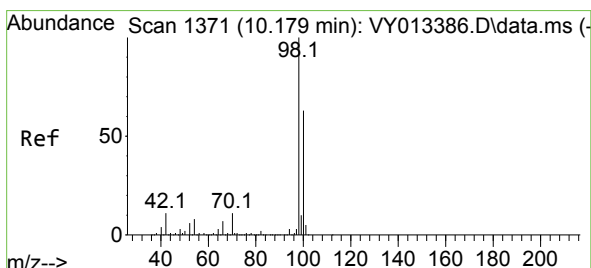
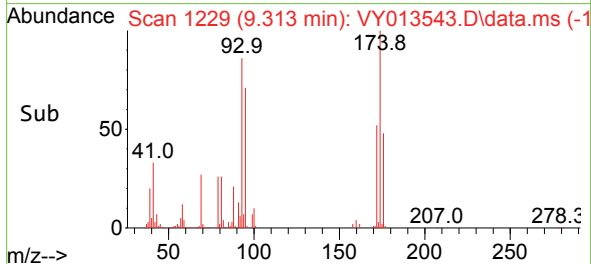
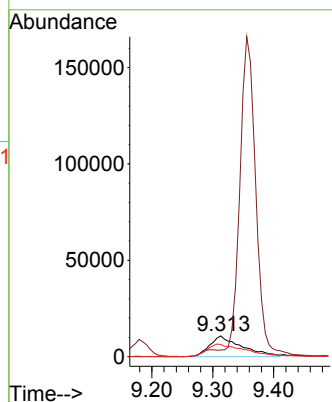
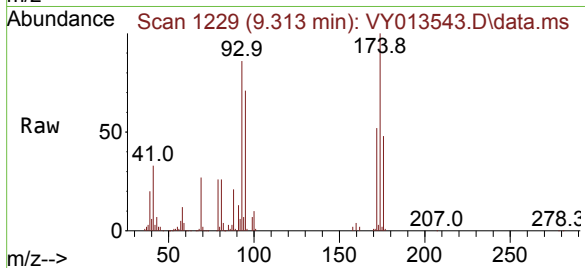
Tgt Ion: 88 Resp: 39473

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 74.4 54.3 81.5



#50

Toluene-d8

Concen: 50.174 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013543.D

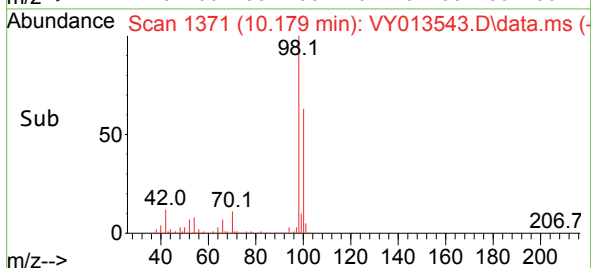
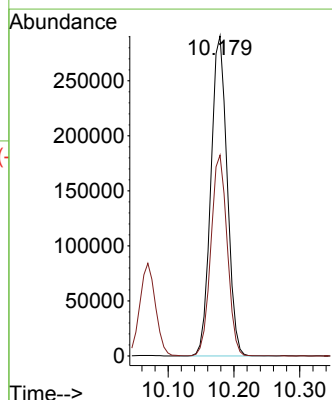
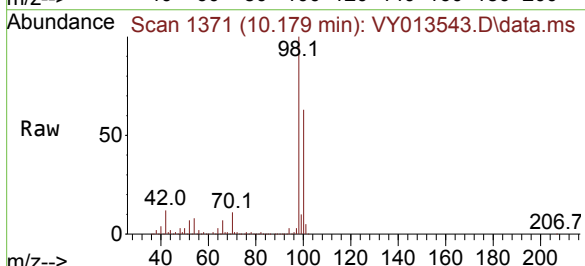
Acq: 01 May 2023 17:13

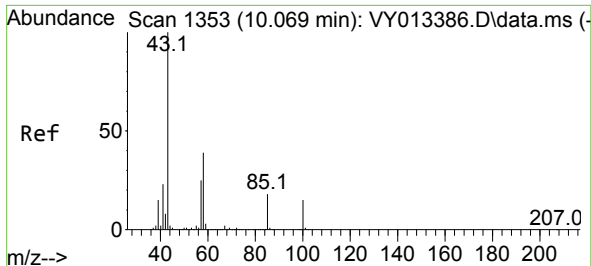
Tgt Ion: 98 Resp: 500419

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7

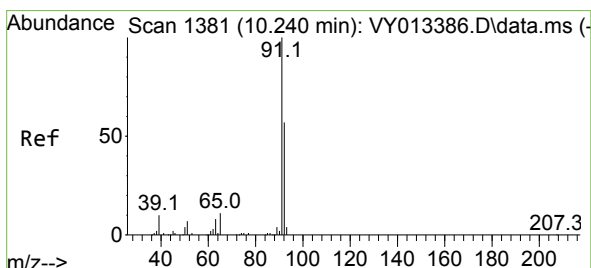
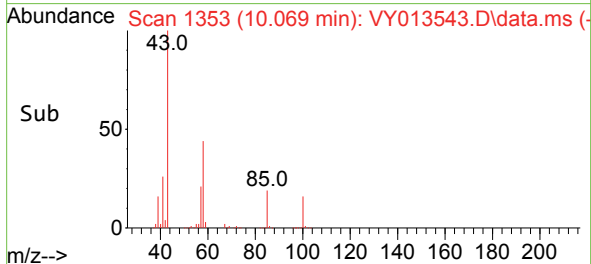
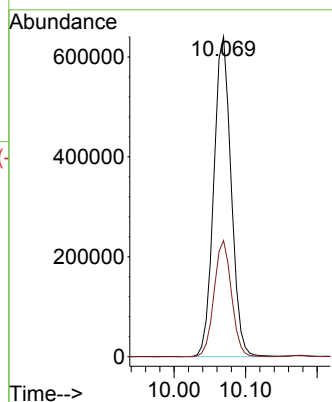
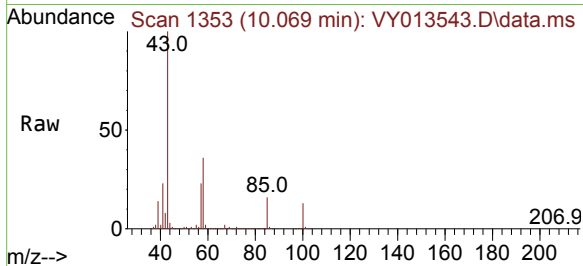




#51
4-Methyl-2-Pentanone
Concen: 328.119 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

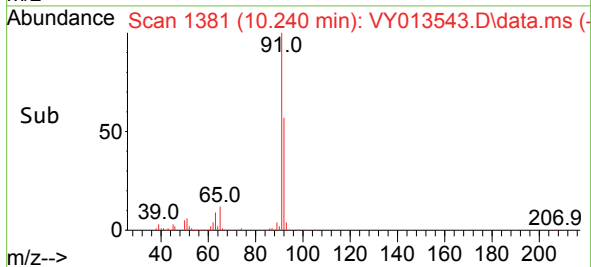
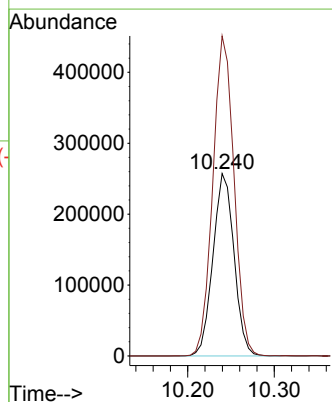
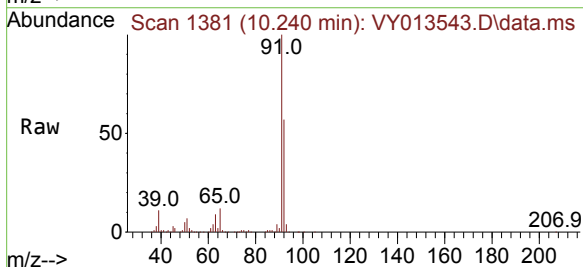
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

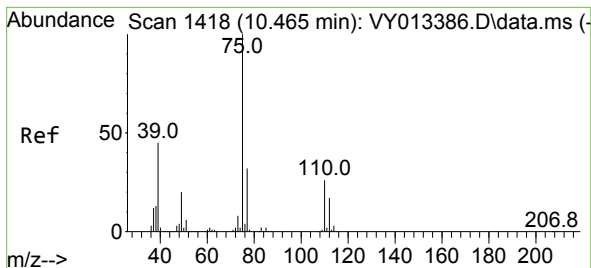
Tgt Ion: 43 Resp: 1080647
Ion Ratio Lower Upper
43 100
58 36.3 30.6 46.0



#52
Toluene
Concen: 55.130 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 92 Resp: 434834
Ion Ratio Lower Upper
92 100
91 176.2 140.2 210.4

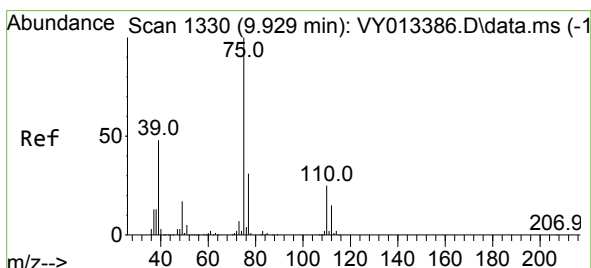
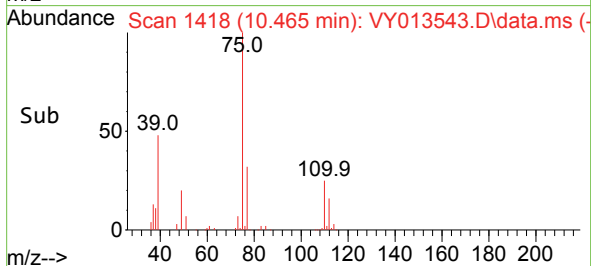
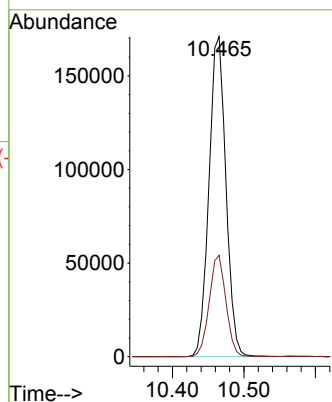
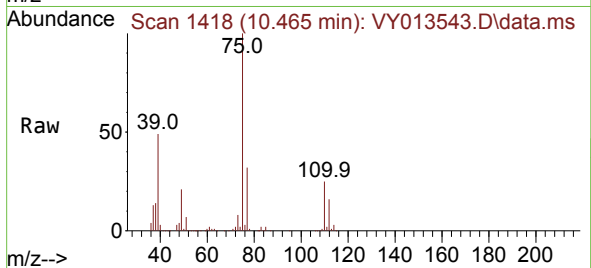




#53
 t-1,3-Dichloropropene
 Concen: 57.997 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013543.D
 Acq: 01 May 2023 17:13

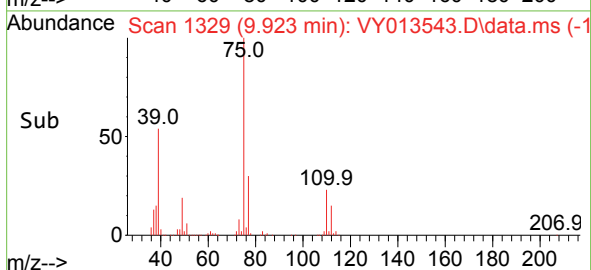
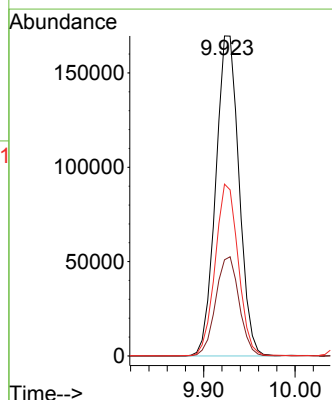
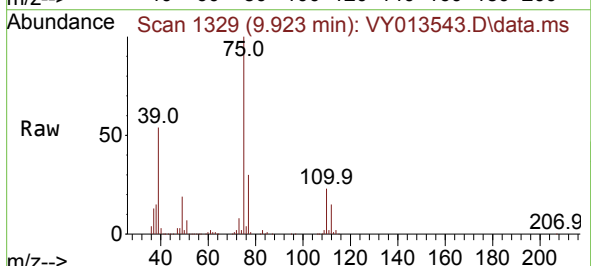
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

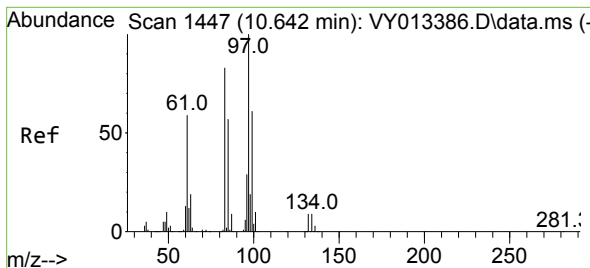
Tgt Ion: 75 Resp: 281632
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.982 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013543.D
 Acq: 01 May 2023 17:13

Tgt Ion: 75 Resp: 300426
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.8 37.2
 39 53.6 38.1 57.1

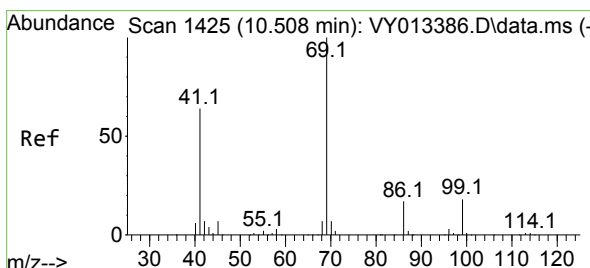
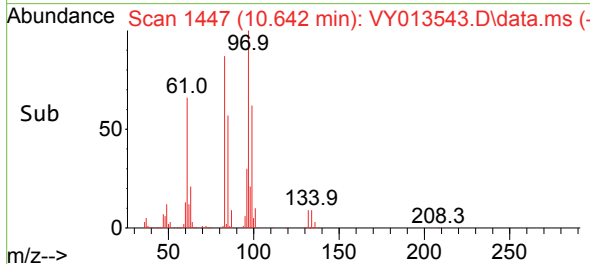
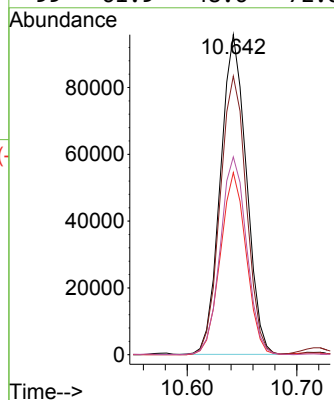
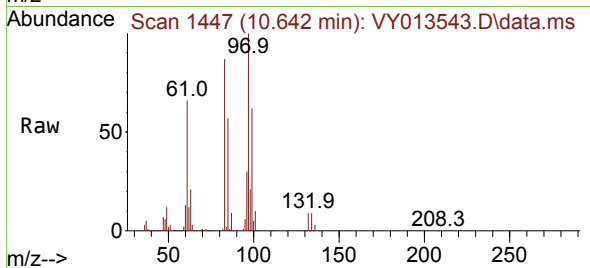




#55
1,1,2-Trichloroethane
Concen: 58.079 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

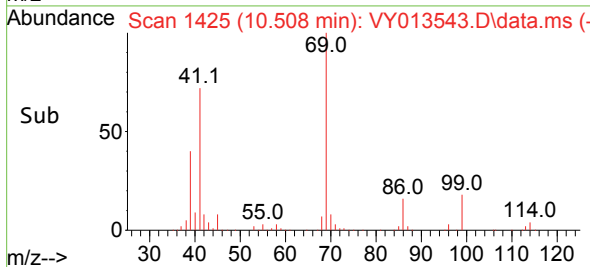
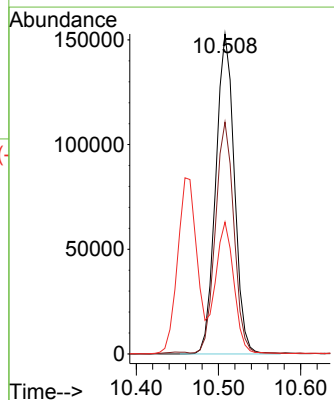
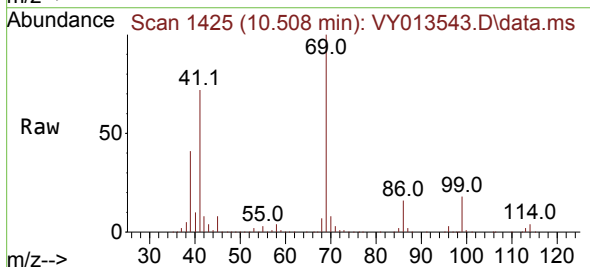
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

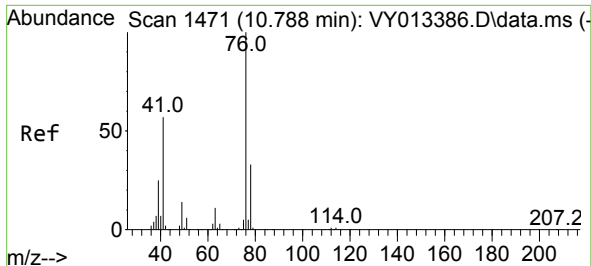
Tgt Ion: 97	Resp: 157712
Ion Ratio	Lower Upper
97 100	
83 87.1	66.4 99.6
85 57.0	45.6 68.4
99 61.9	48.6 72.8



#56
Ethyl methacrylate
Concen: 63.887 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 69	Resp: 240683
Ion Ratio	Lower Upper
69 100	
41 71.8	51.4 77.0
39 40.7	29.0 43.6





#57

1,3-Dichloropropane

Concen: 58.882 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

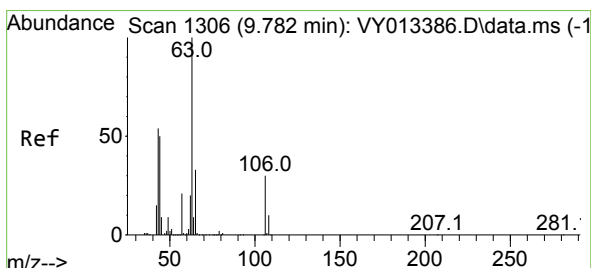
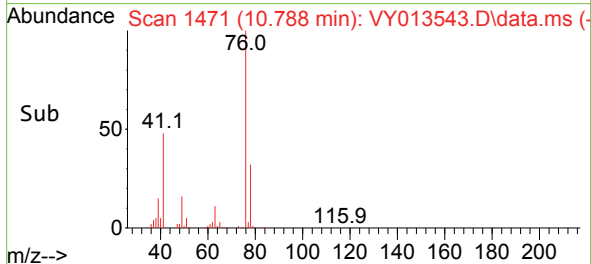
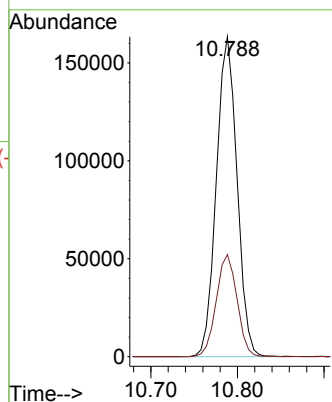
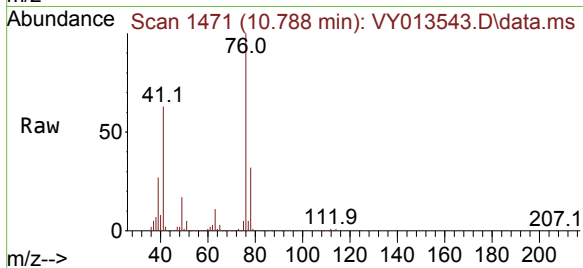
VSTDCCC050EC

Tgt Ion: 76 Resp: 270796

Ion Ratio Lower Upper

76 100

78 32.1 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 274.690 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013543.D

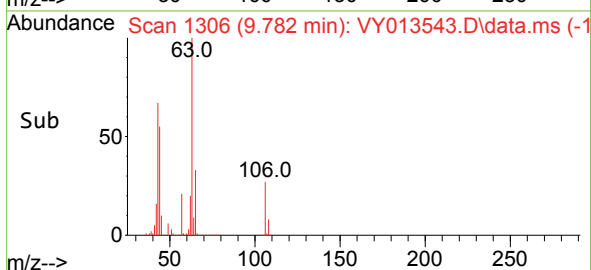
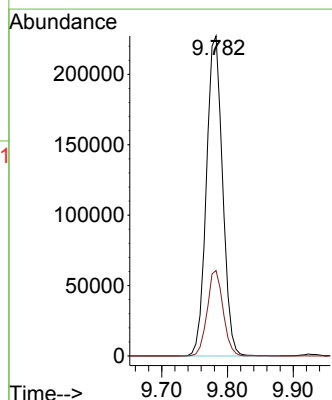
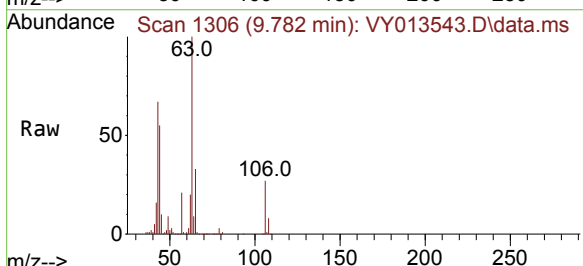
Acq: 01 May 2023 17:13

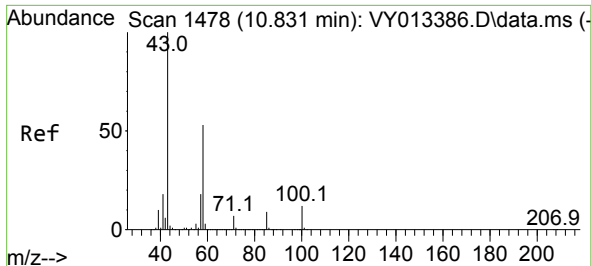
Tgt Ion: 63 Resp: 388050

Ion Ratio Lower Upper

63 100

106 26.3 23.5 35.3

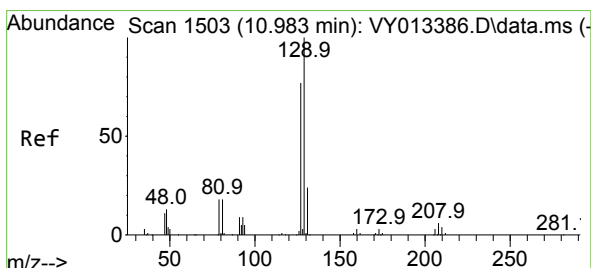
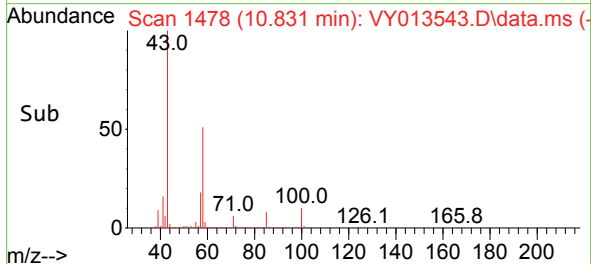
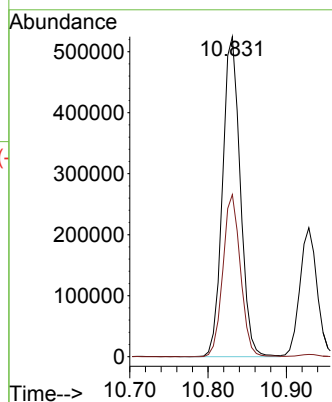
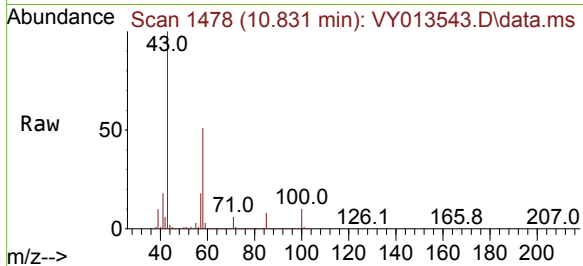




#59
2-Hexanone
Concen: 344.821 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

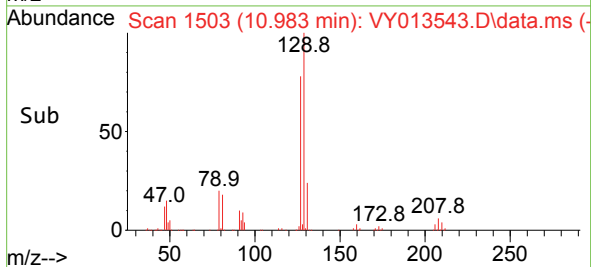
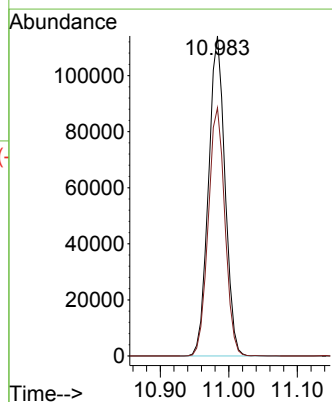
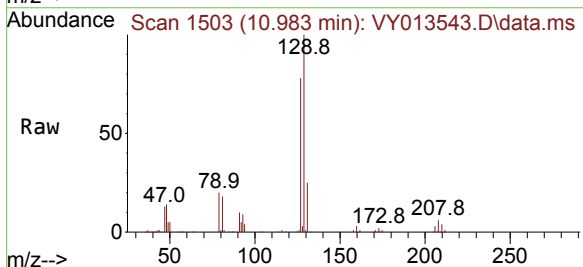
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

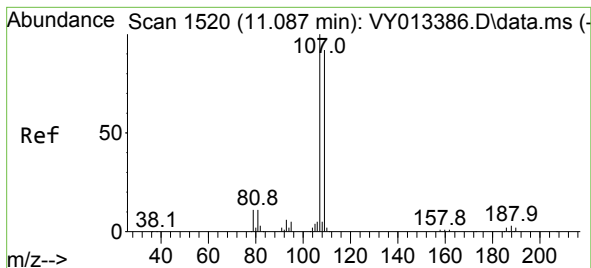
Tgt Ion: 43 Resp: 825531
Ion Ratio Lower Upper
43 100
58 50.1 26.3 78.8



#60
Dibromochloromethane
Concen: 57.942 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 129 Resp: 191047
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1

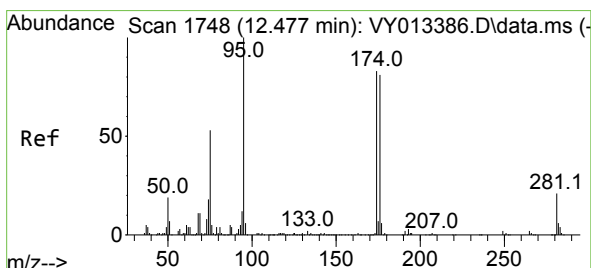
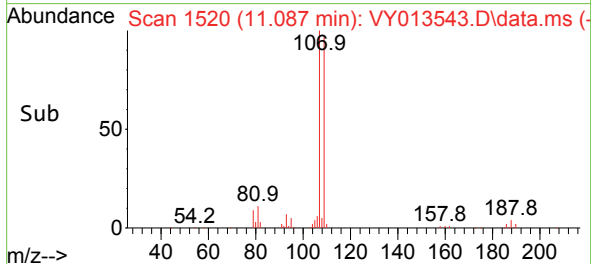
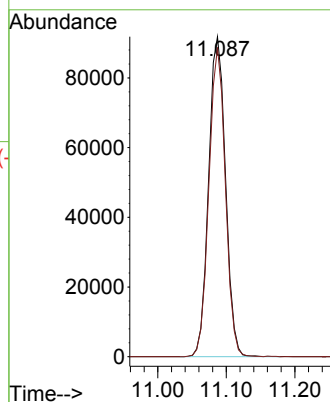
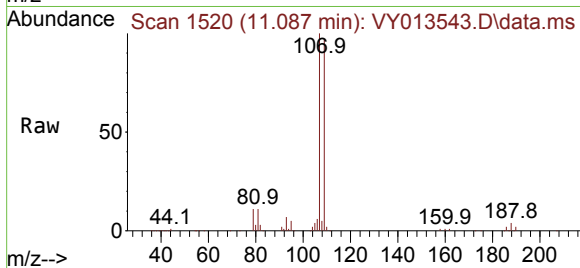




#61
1,2-Dibromoethane
Concen: 59.036 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

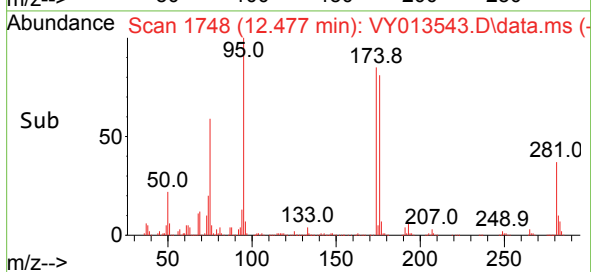
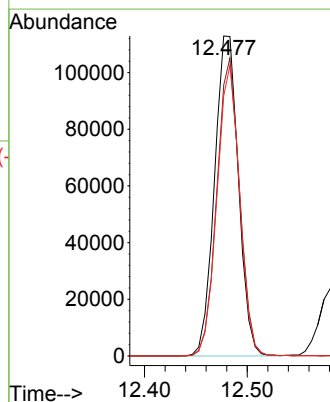
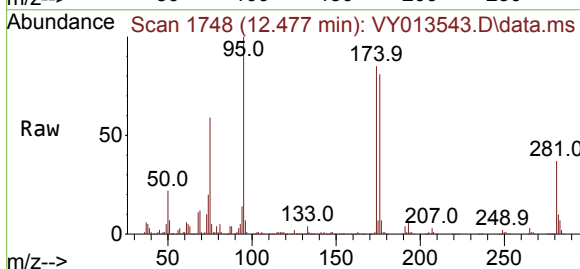
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

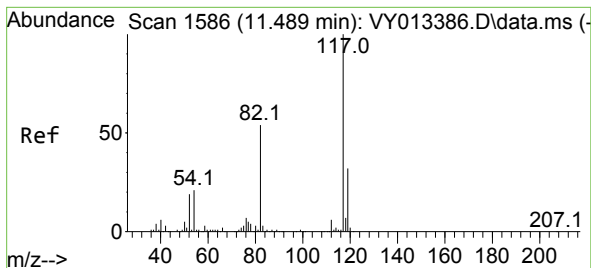
Tgt Ion:107 Resp: 157613
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.157 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 95 Resp: 182097
Ion Ratio Lower Upper
95 100
174 88.4 0.0 182.0
176 86.3 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

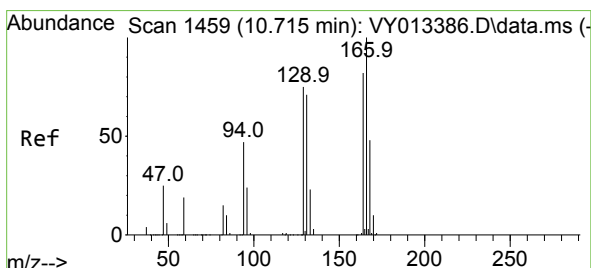
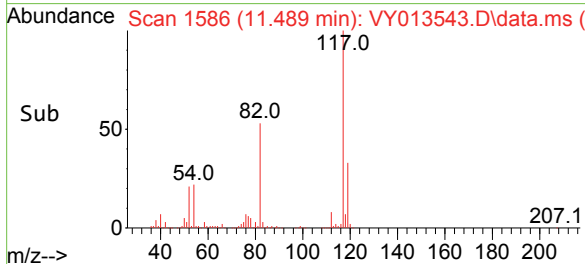
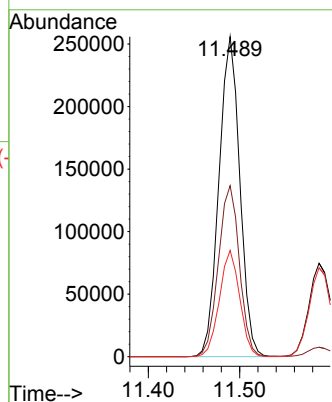
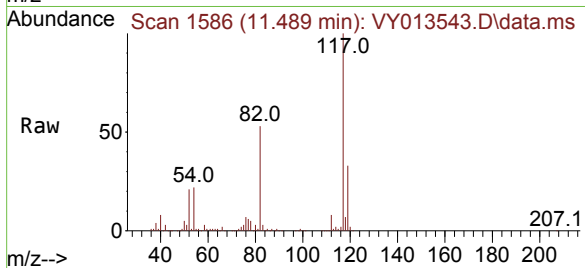
Tgt Ion:117 Resp: 406606

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.6

119 33.2 25.5 38.3



#64

Tetrachloroethene

Concen: 53.328 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Tgt Ion:164 Resp: 164884

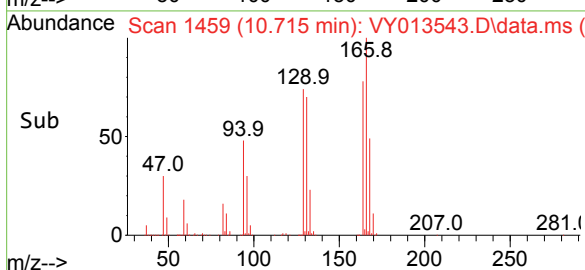
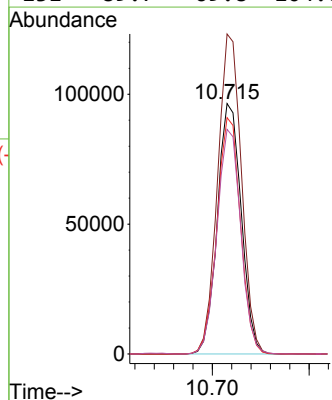
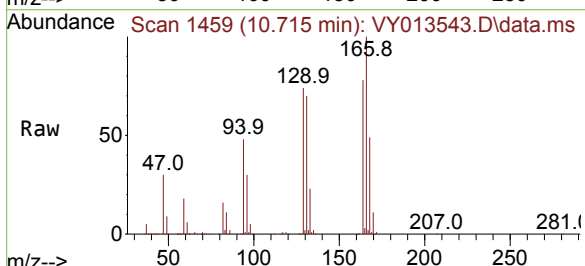
Ion Ratio Lower Upper

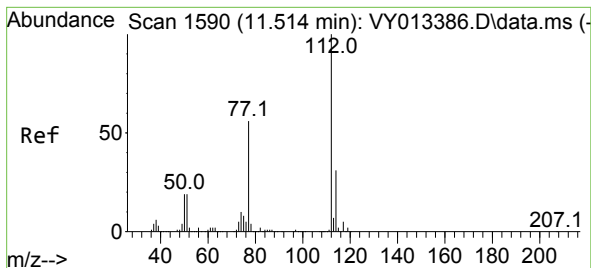
164 100

166 127.8 97.5 146.3

129 94.4 72.6 109.0

131 89.7 69.8 104.6

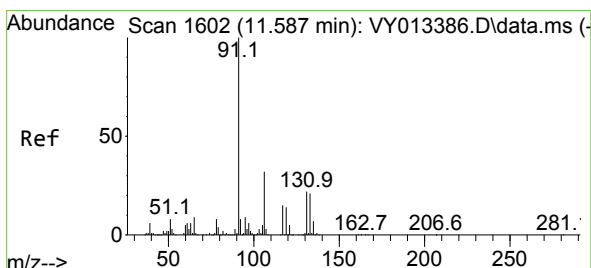
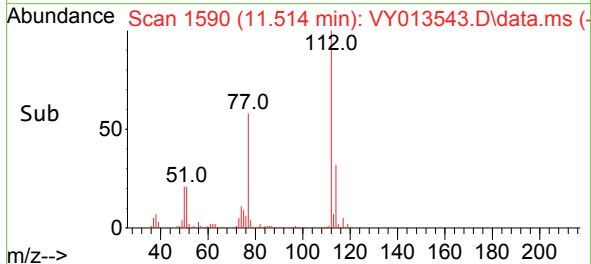
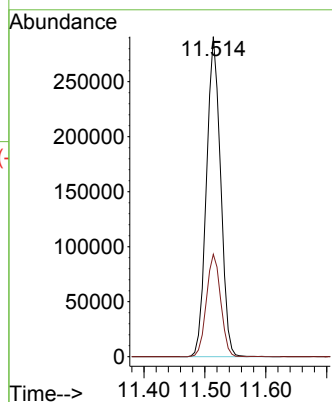
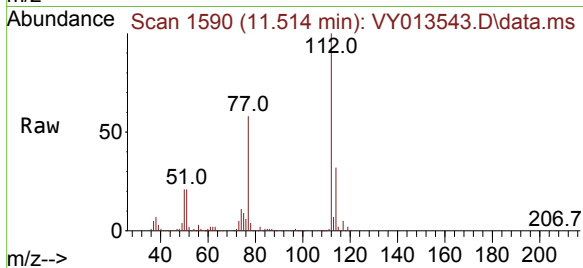




#65
Chlorobenzene
Concen: 52.829 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

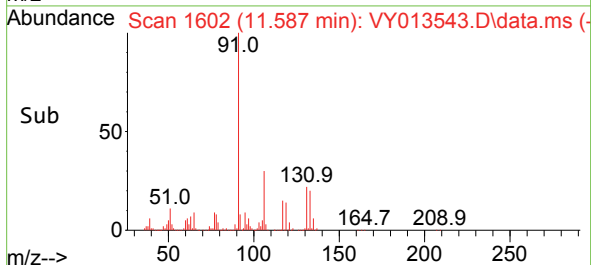
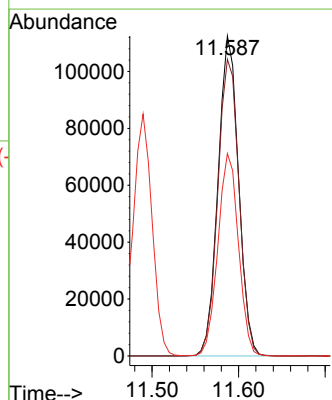
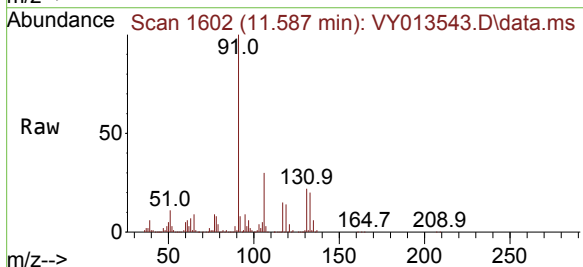
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

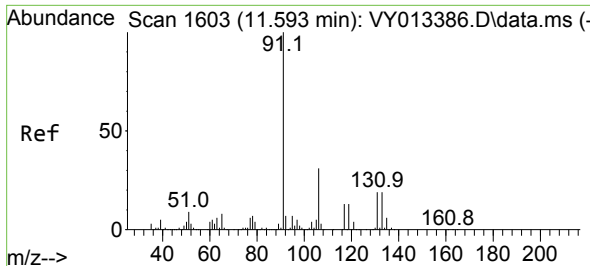
Tgt Ion:112 Resp: 467926
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.914 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion:131 Resp: 185223
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 63.5 32.6 98.0

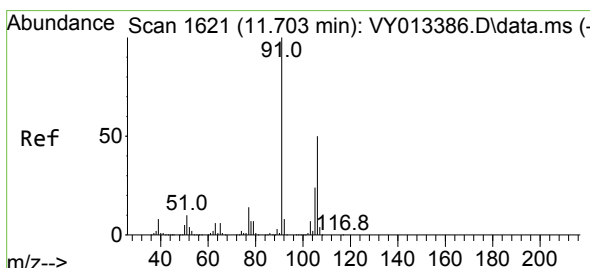
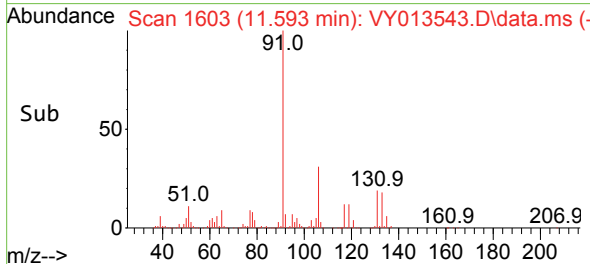
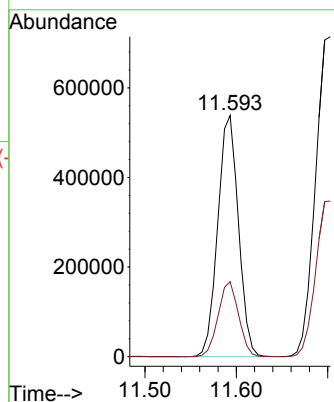
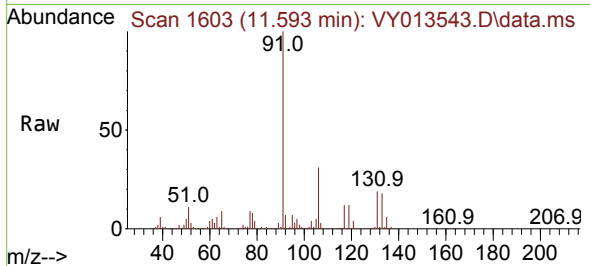




#67
Ethyl Benzene
Concen: 54.402 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

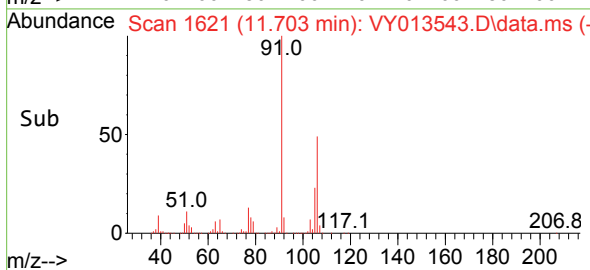
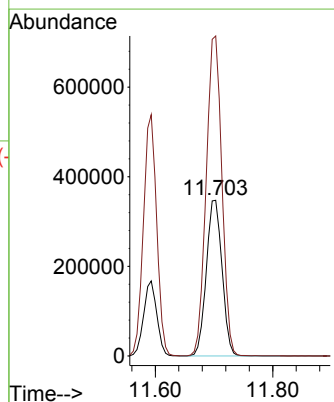
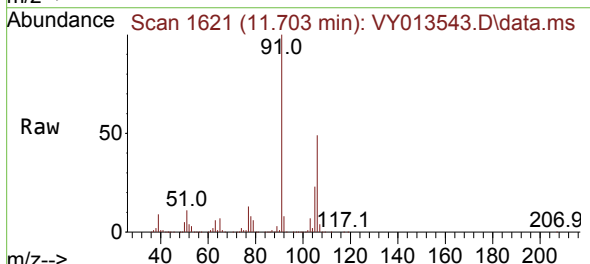
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

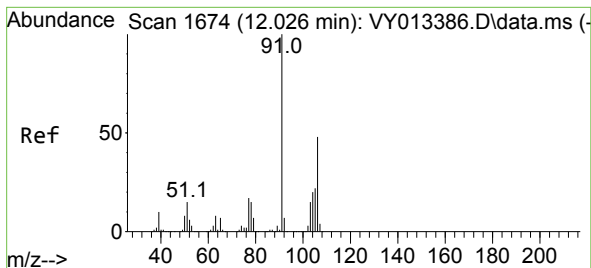
Tgt Ion: 91 Resp: 846156
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 109.002 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 106 Resp: 644504
Ion Ratio Lower Upper
106 100
91 205.0 160.9 241.3





#69

o-Xylene

Concen: 54.619 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

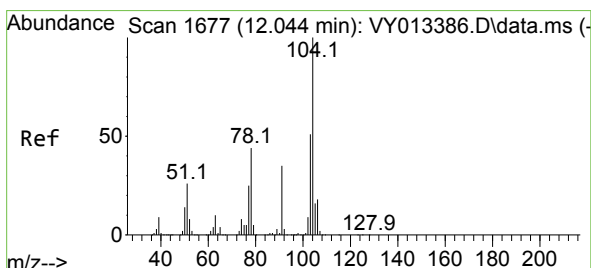
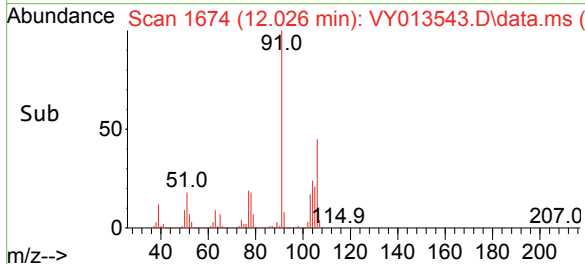
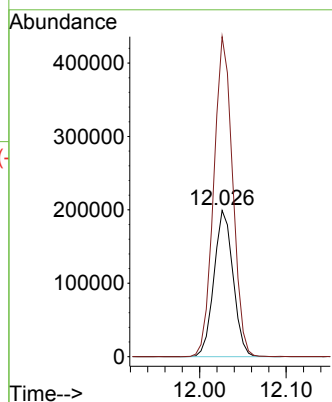
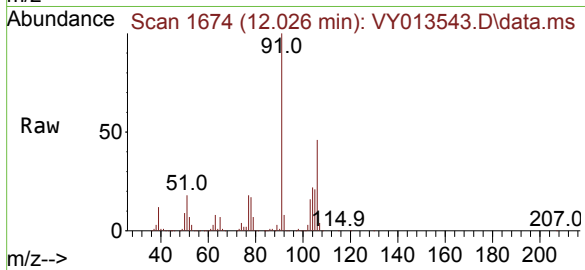
VSTDCCC050EC

Tgt Ion:106 Resp: 305429

Ion Ratio Lower Upper

106 100

91 216.2 105.5 316.4



#70

Styrene

Concen: 56.310 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

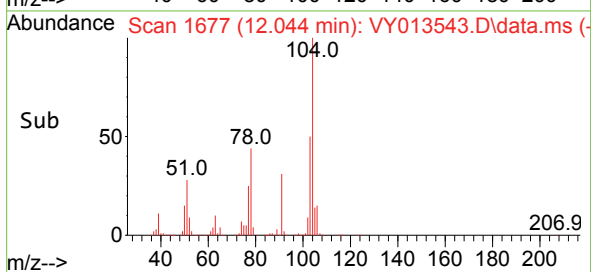
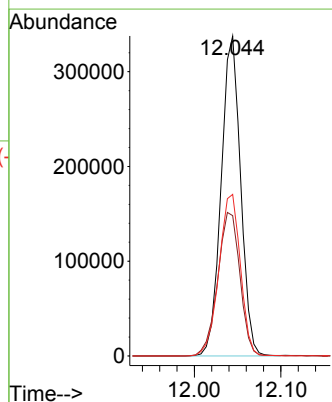
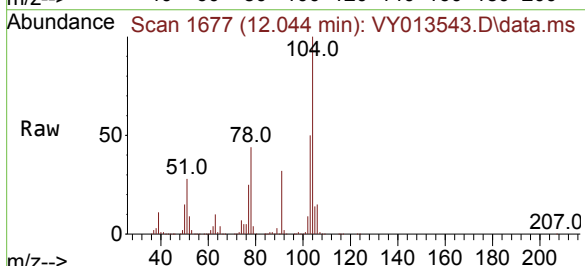
Tgt Ion:104 Resp: 526493

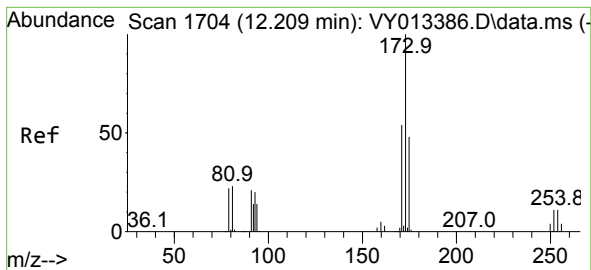
Ion Ratio Lower Upper

104 100

78 51.4 40.3 60.5

103 55.8 45.0 67.4





#71

Bromoform

Concen: 59.794 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

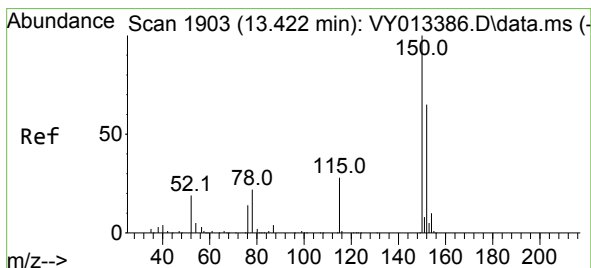
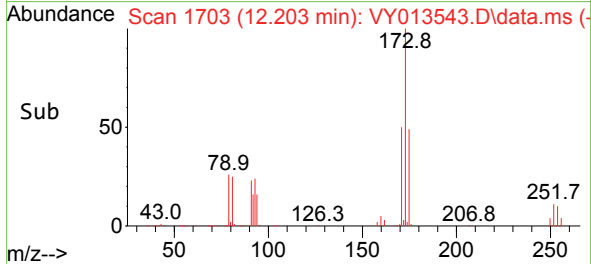
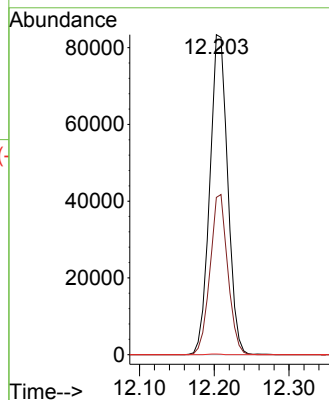
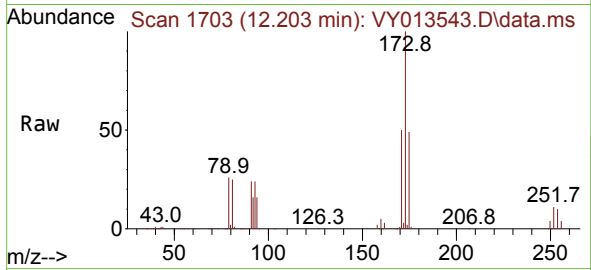
Tgt Ion:173 Resp: 138742

Ion Ratio Lower Upper

173 100

175 49.6 24.3 72.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

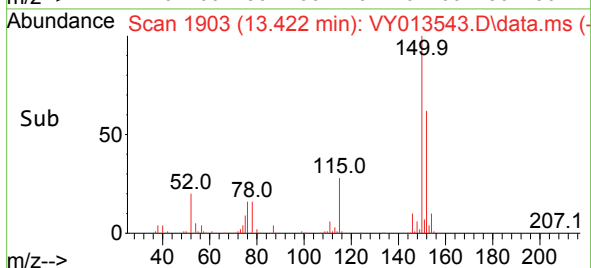
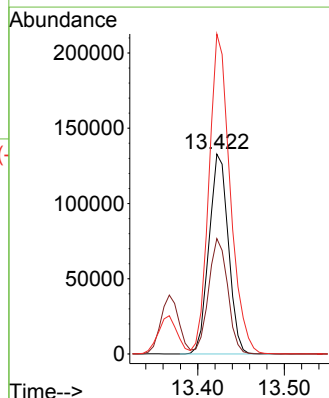
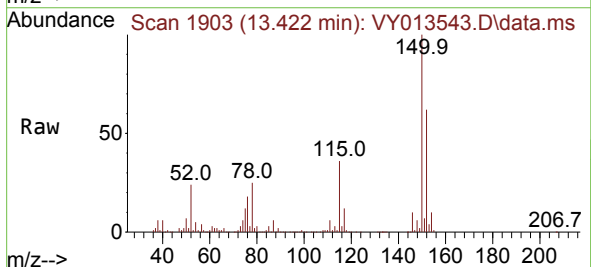
Tgt Ion:152 Resp: 206319

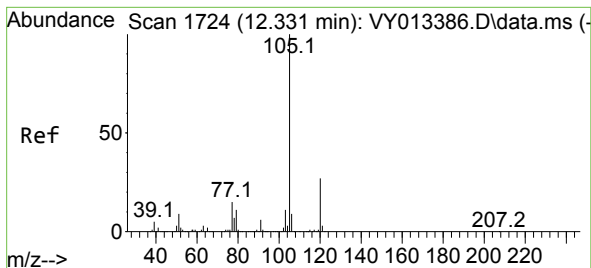
Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.2

150 175.0 0.0 352.0





#73

Isopropylbenzene

Concen: 50.971 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

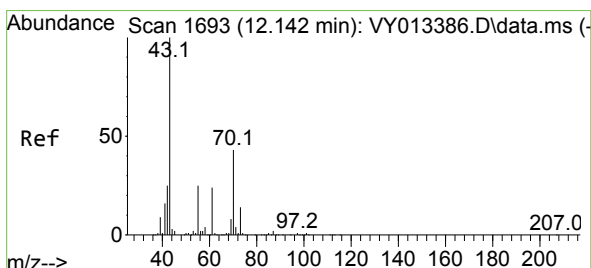
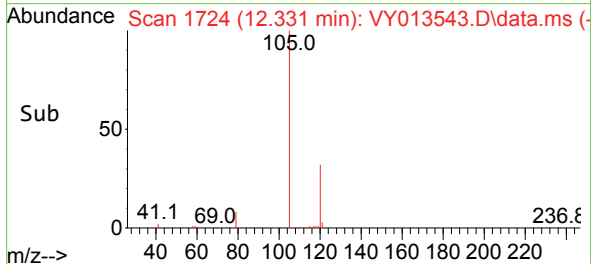
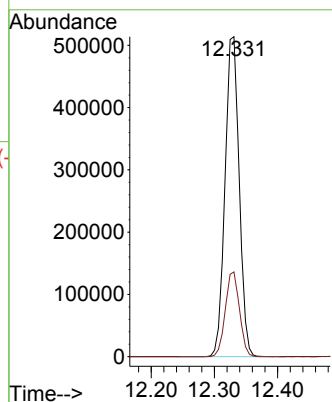
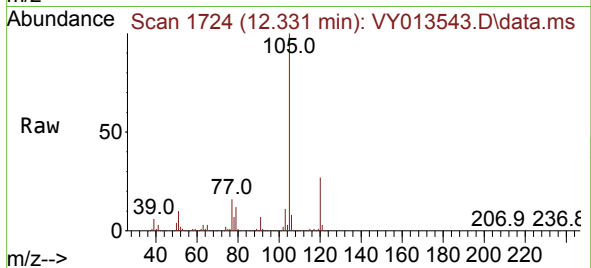
VSTDCCC050EC

Tgt Ion:105 Resp: 795412

Ion Ratio Lower Upper

105 100

120 26.5 13.7 41.0



#74

N-ethyl acetate

Concen: 58.466 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Tgt Ion: 43 Resp: 324679

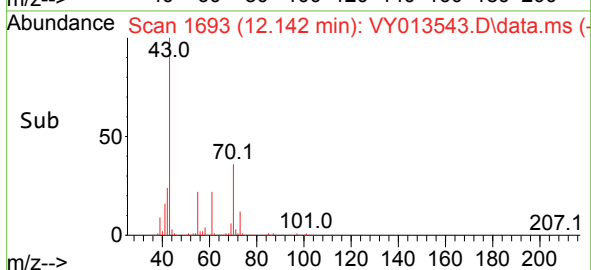
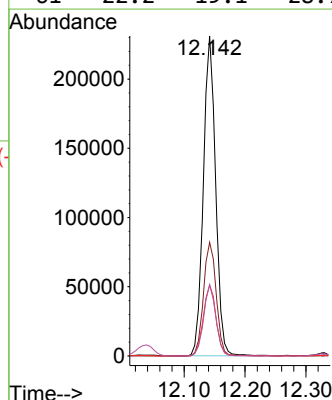
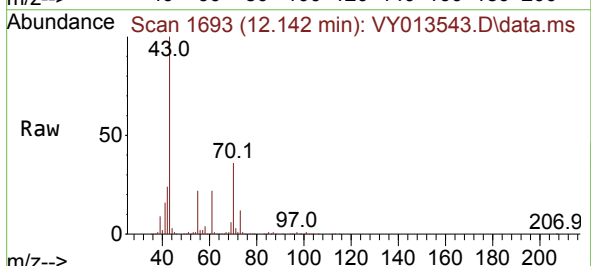
Ion Ratio Lower Upper

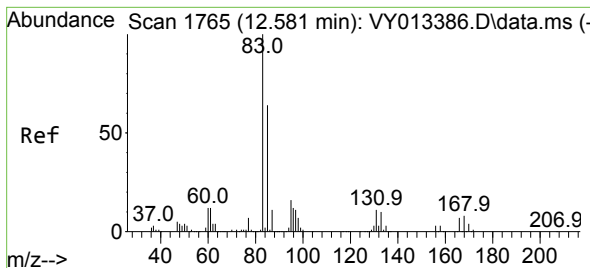
43 100

70 36.9 33.0 49.4

55 23.0 19.8 29.6

61 22.2 19.1 28.7

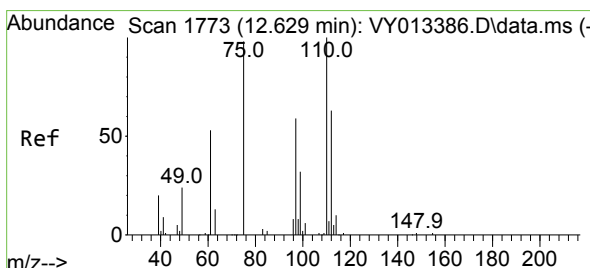
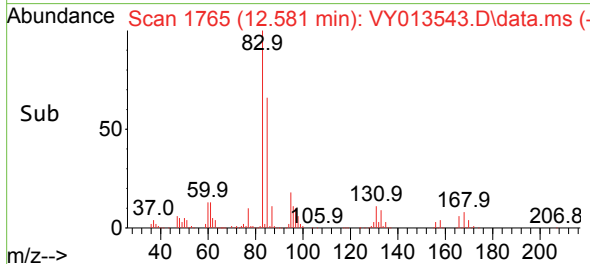
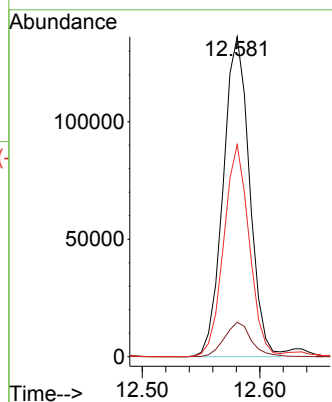
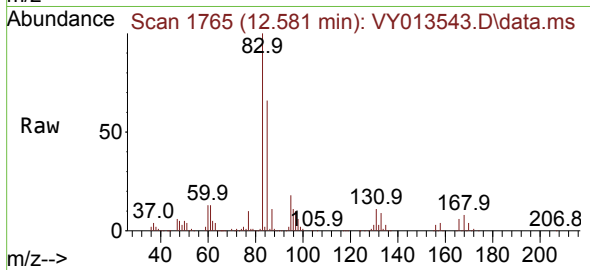




#75
1,1,2,2-Tetrachloroethane
Concen: 55.616 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

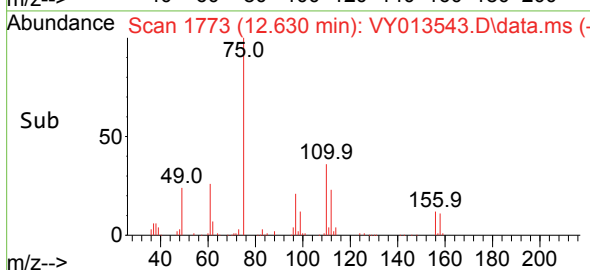
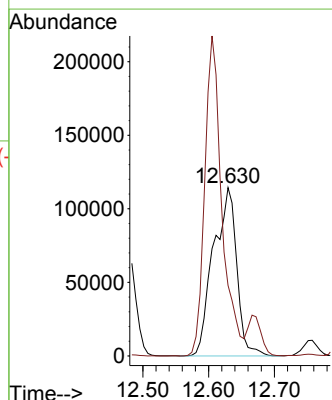
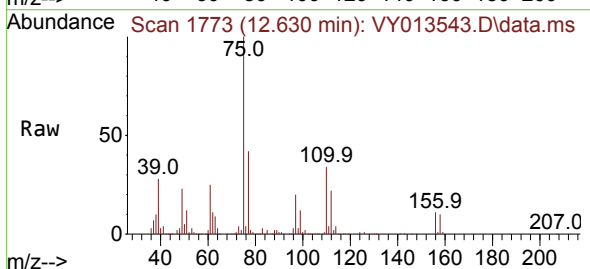
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

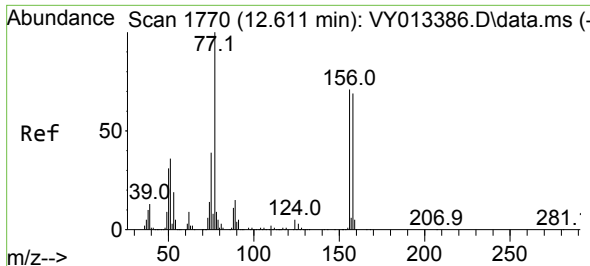
Tgt Ion: 83 Resp: 212140
Ion Ratio Lower Upper
83 100
131 11.0 5.7 17.0
85 64.1 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 101.544 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 75 Resp: 282542
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

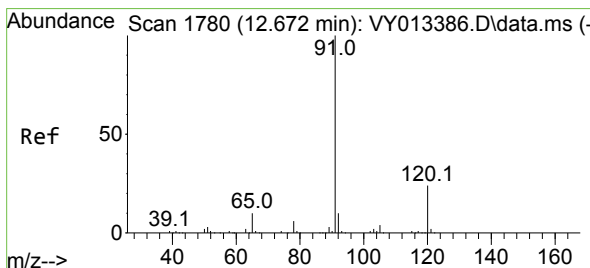
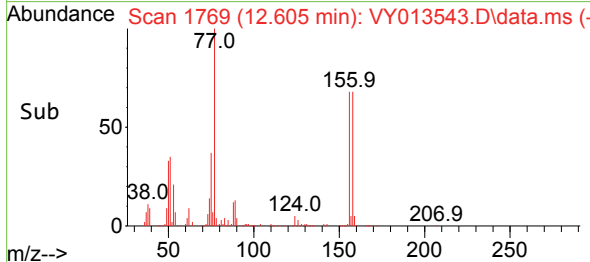
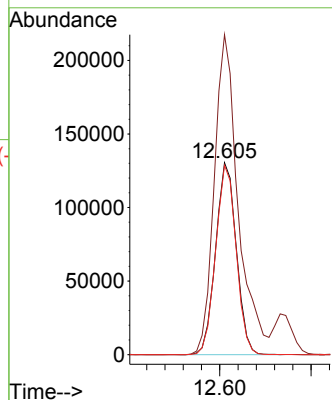
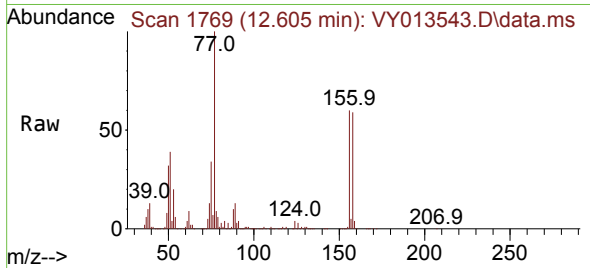




#77
Bromobenzene
Concen: 54.323 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

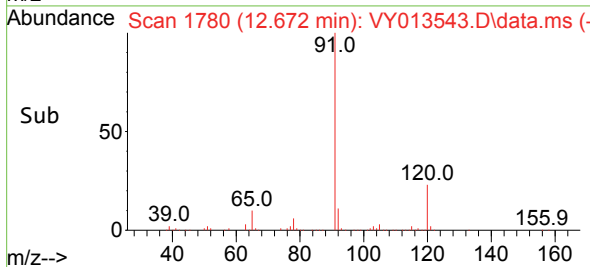
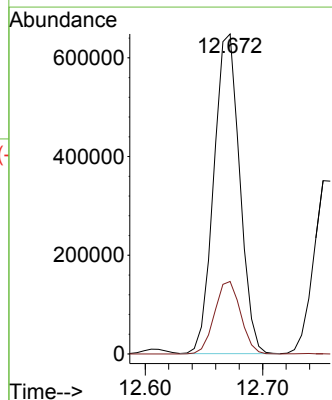
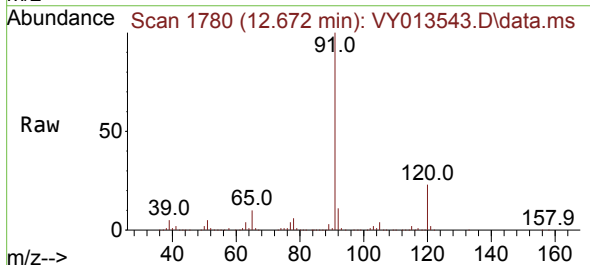
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

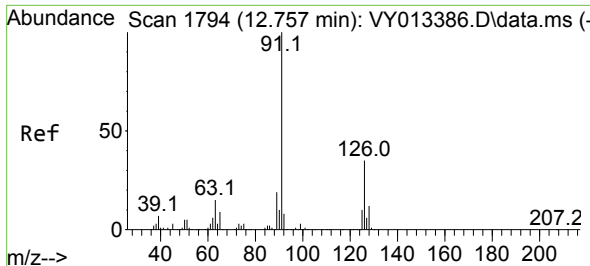
Tgt Ion:156 Resp: 205406
Ion Ratio Lower Upper
156 100
77 192.1 87.6 262.9
158 97.7 48.5 145.5



#78
n-propylbenzene
Concen: 51.595 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 91 Resp: 991724
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9

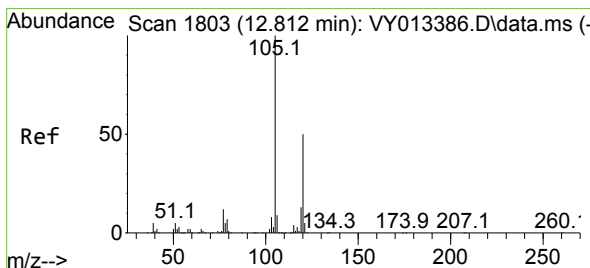
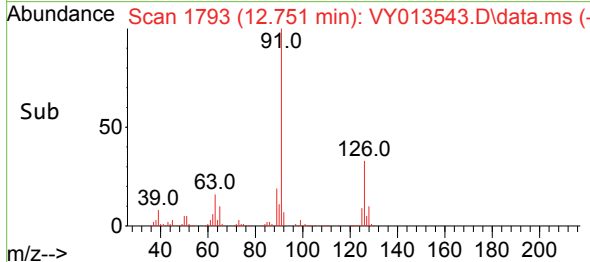
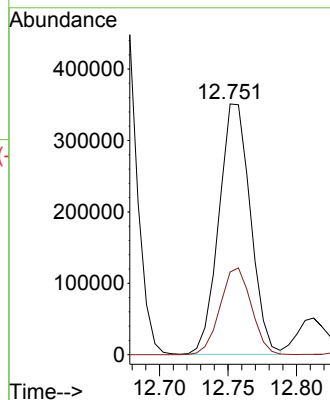
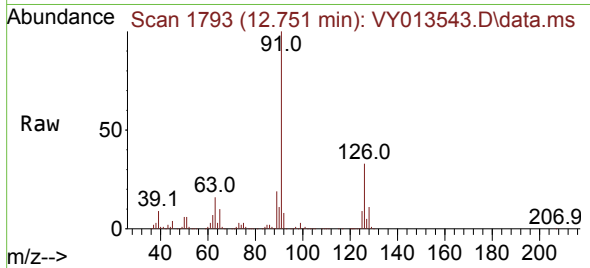




#79
2-Chlorotoluene
Concen: 52.520 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

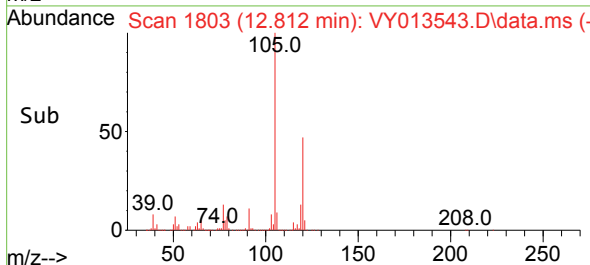
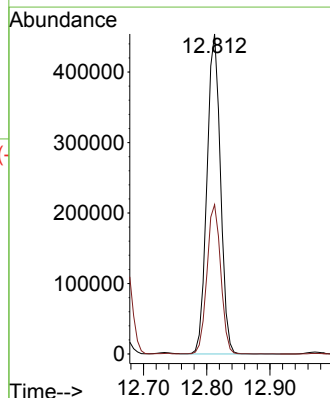
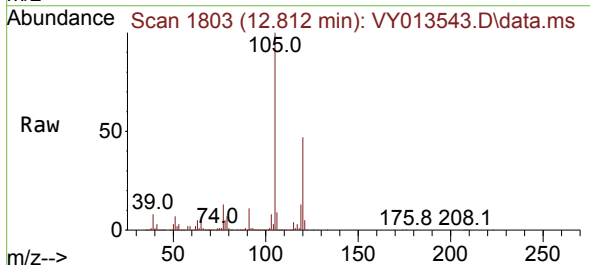
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

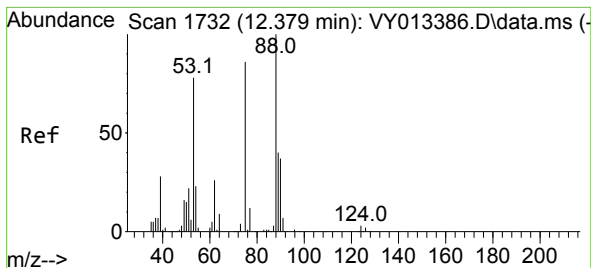
Tgt Ion: 91 Resp: 563737
Ion Ratio Lower Upper
91 100
126 34.3 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 53.031 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 105 Resp: 675447
Ion Ratio Lower Upper
105 100
120 47.5 24.7 74.1

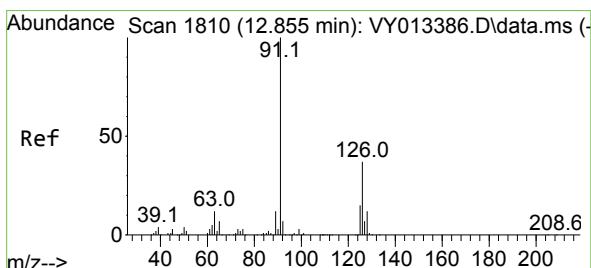
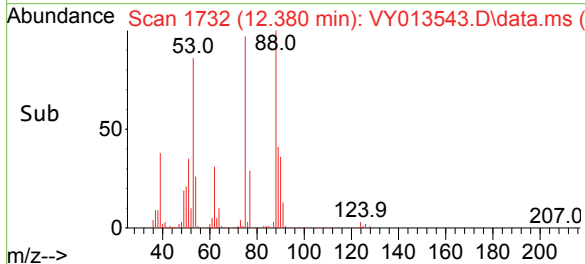
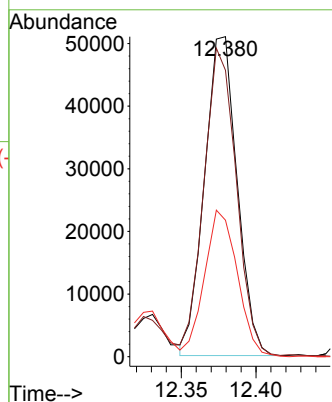
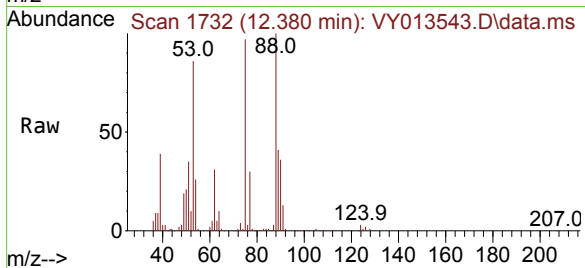




#81
trans-1,4-Dichloro-2-butene
Concen: 56.873 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

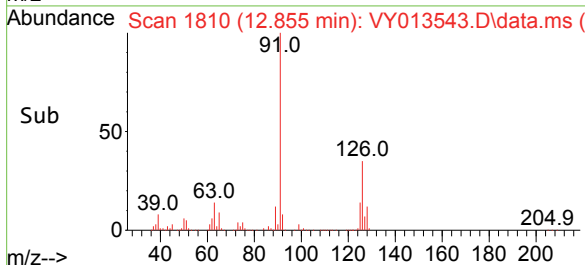
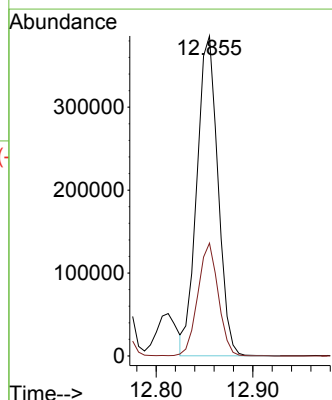
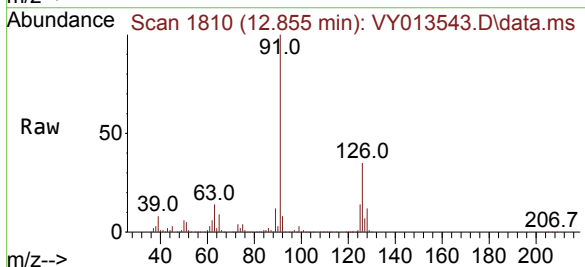
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

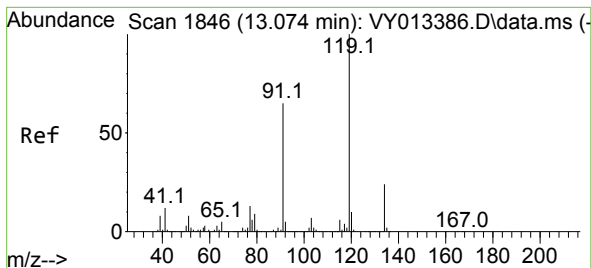
Tgt Ion: 75 Resp: 77361
Ion Ratio Lower Upper
75 100
53 96.8 73.2 109.8
89 46.4 38.0 57.0



#82
4-Chlorotoluene
Concen: 52.108 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 91 Resp: 582963
Ion Ratio Lower Upper
91 100
126 34.3 17.9 53.8





#83

tert-Butylbenzene

Concen: 52.364 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

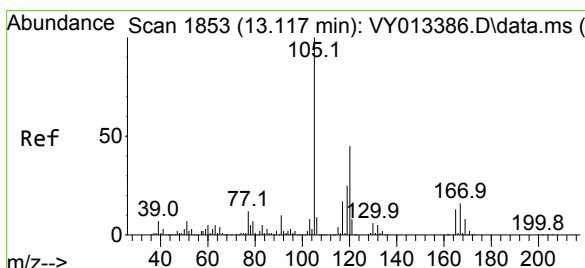
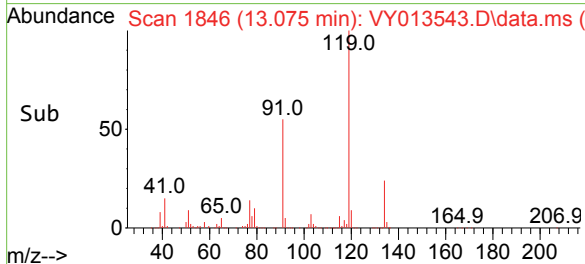
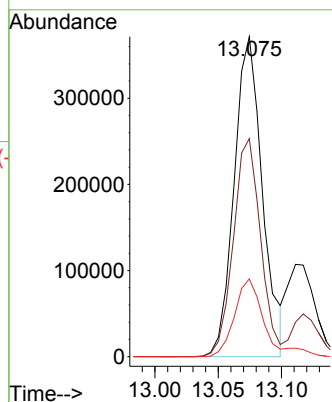
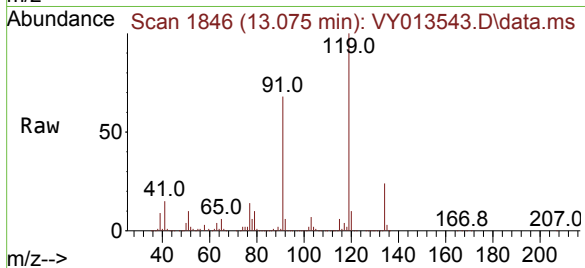
Tgt Ion:119 Resp: 577831

Ion Ratio Lower Upper

119 100

91 65.6 32.2 96.6

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 53.973 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013543.D

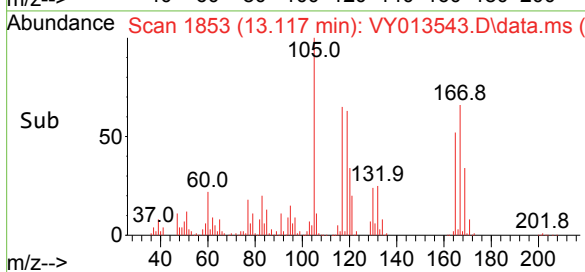
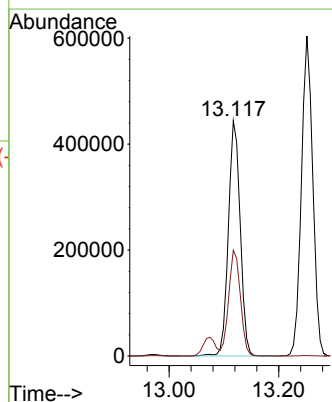
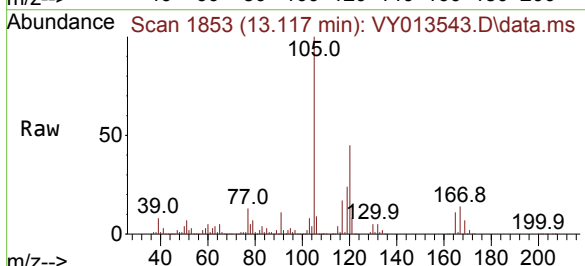
Acq: 01 May 2023 17:13

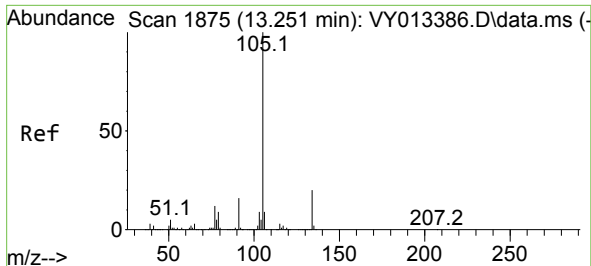
Tgt Ion:105 Resp: 668364

Ion Ratio Lower Upper

105 100

120 44.5 22.3 66.9

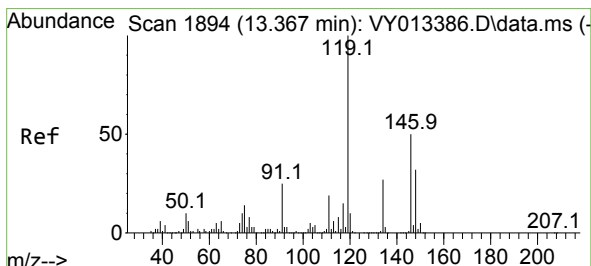
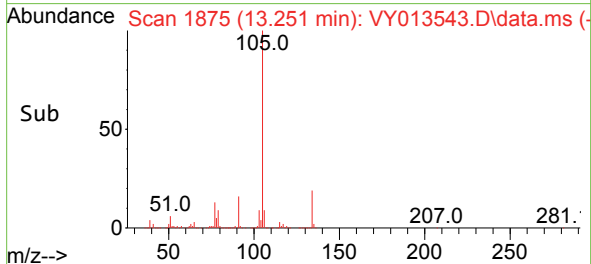
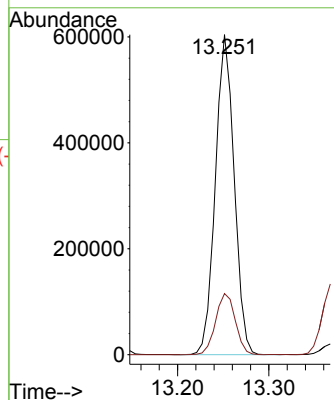
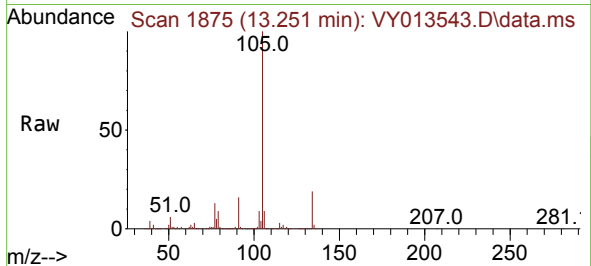




#85
 sec-Butylbenzene
 Concen: 52.099 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013543.D
 Acq: 01 May 2023 17:13

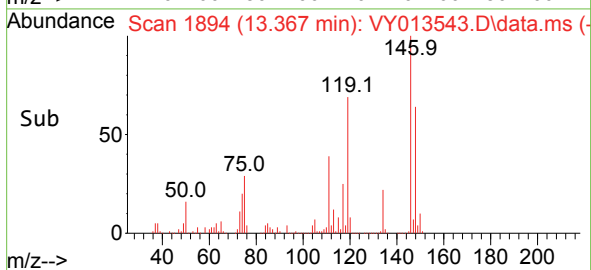
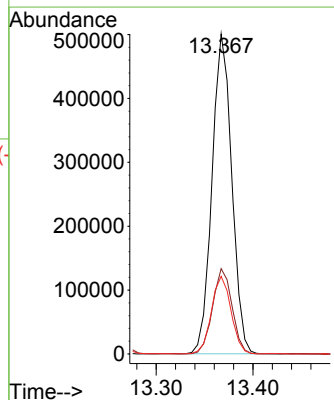
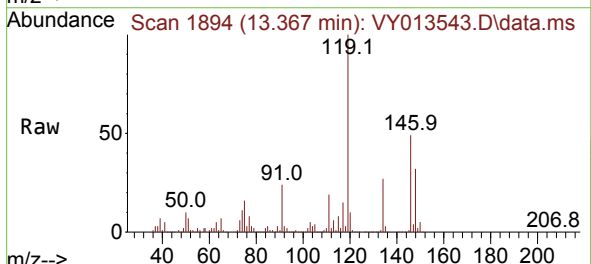
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

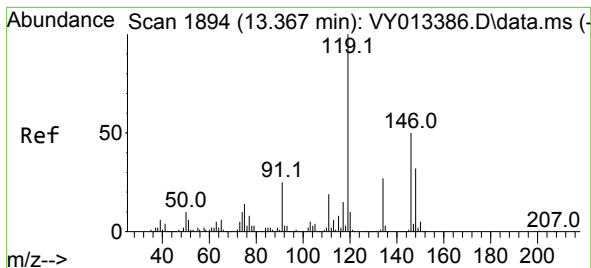
Tgt Ion:105 Resp: 862820
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 53.259 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013543.D
 Acq: 01 May 2023 17:13

Tgt Ion:119 Resp: 709315
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 53.314 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

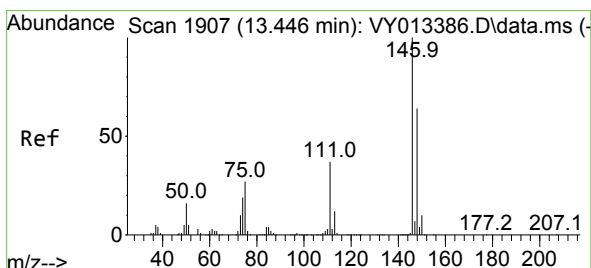
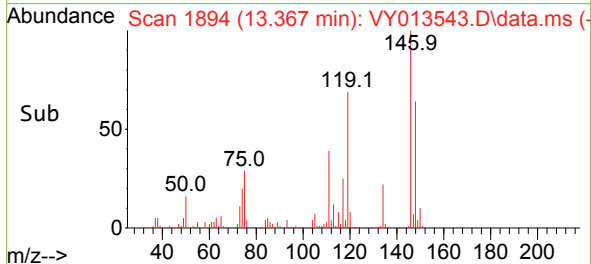
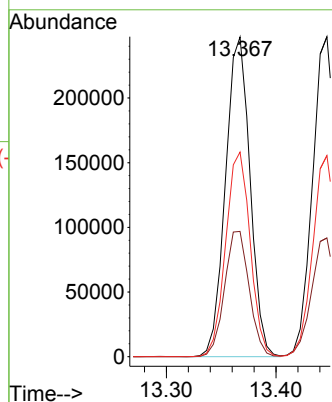
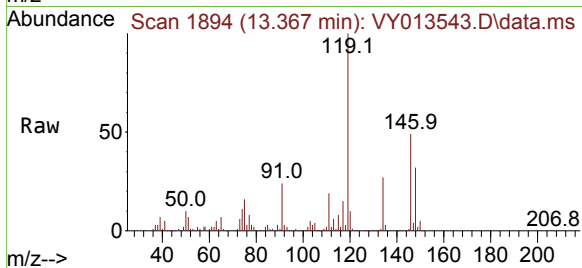
Tgt Ion:146 Resp: 384066

Ion Ratio Lower Upper

146 100

111 39.4 19.3 57.9

148 64.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 52.933 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

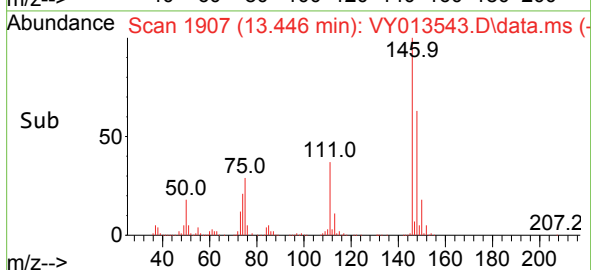
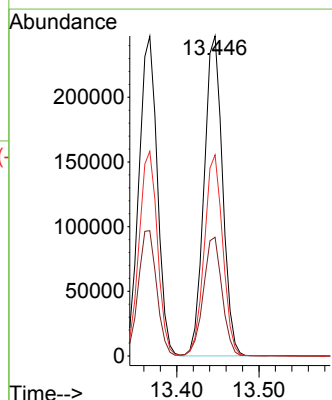
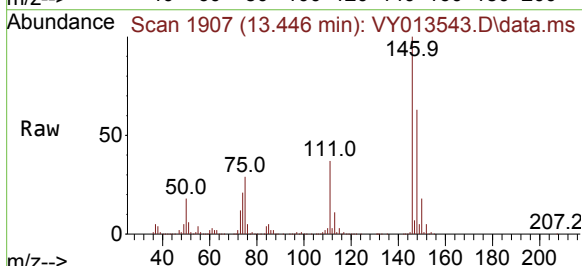
Tgt Ion:146 Resp: 385197

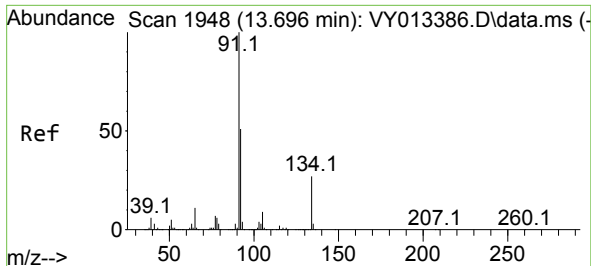
Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.5

148 63.0 31.9 95.5

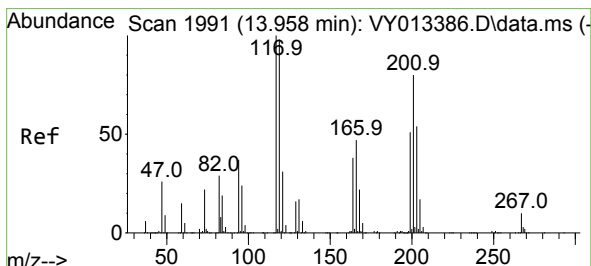
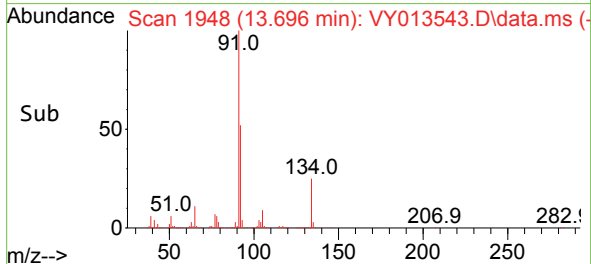
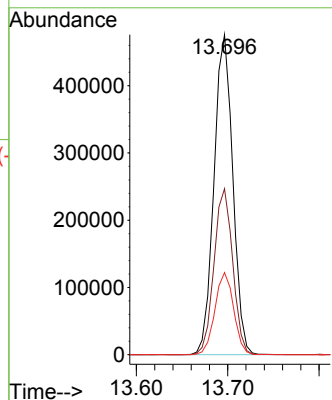
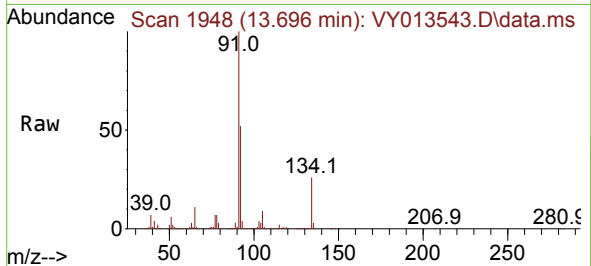




#89
n-Butylbenzene
Concen: 52.344 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

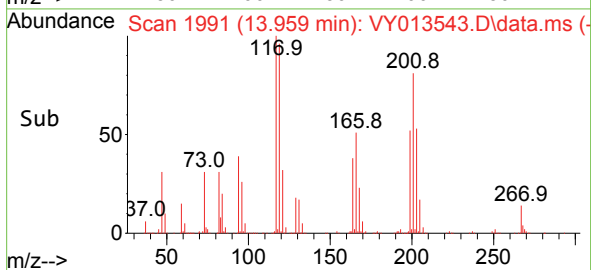
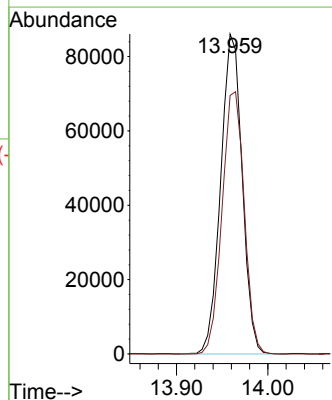
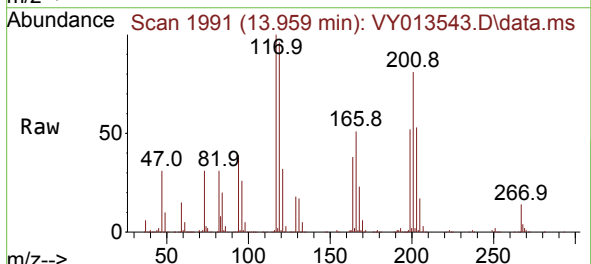
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

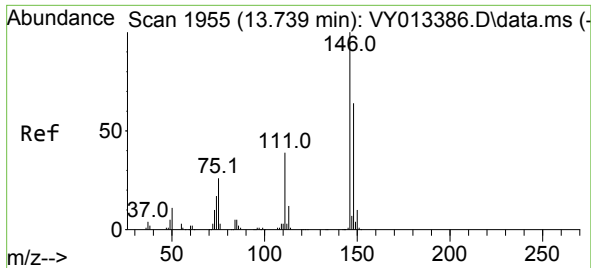
Tgt Ion: 91 Resp: 680404
Ion Ratio Lower Upper
91 100
92 51.6 25.8 77.3
134 25.6 13.5 40.4



#90
Hexachloroethane
Concen: 50.128 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013543.D
Acq: 01 May 2023 17:13

Tgt Ion: 117 Resp: 140508
Ion Ratio Lower Upper
117 100
201 84.5 41.6 124.8

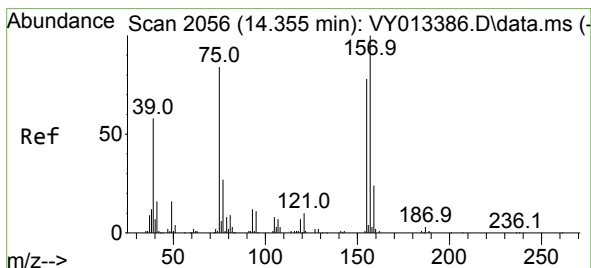
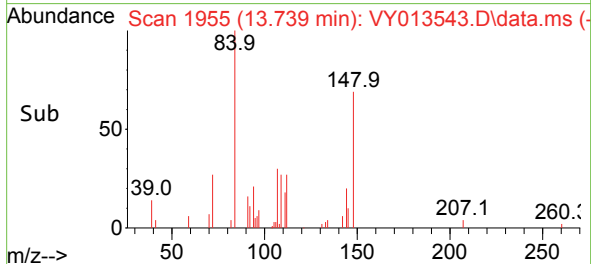
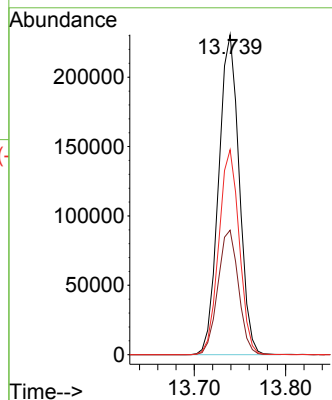
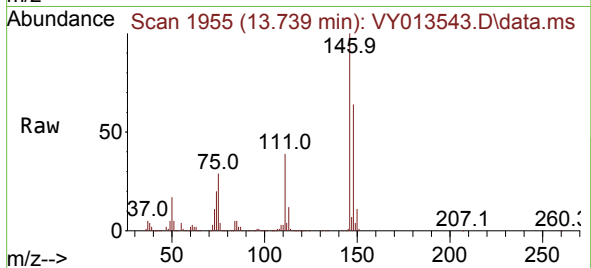




#91
 1,2-Dichlorobenzene
 Concen: 55.364 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY013543.D
 Acq: 01 May 2023 17:13

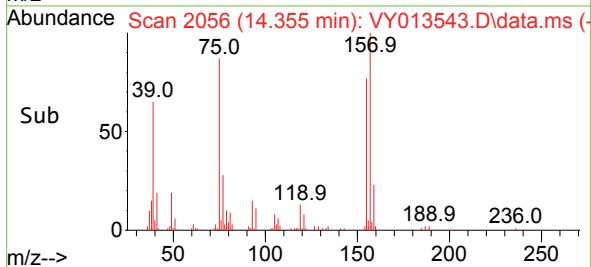
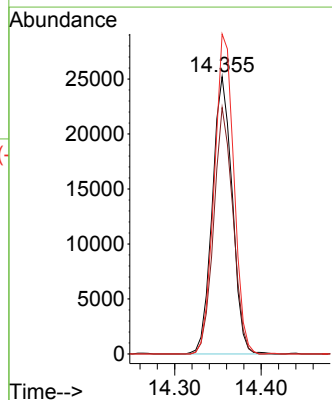
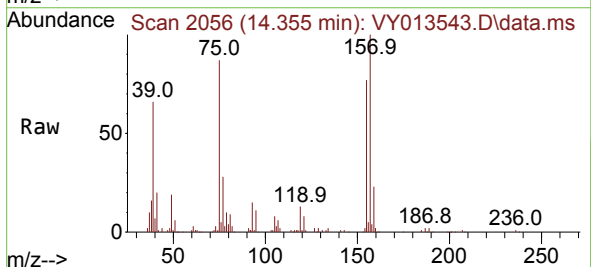
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

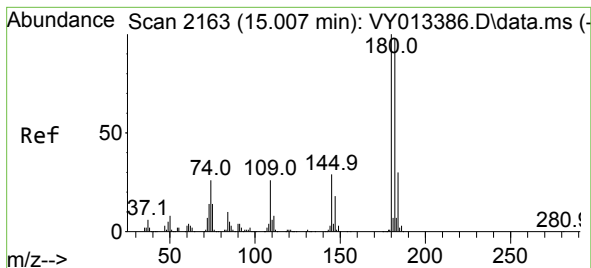
Tgt Ion:146 Resp: 360156
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.8 59.4
 148 63.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.634 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013543.D
 Acq: 01 May 2023 17:13

Tgt Ion: 75 Resp: 40173
 Ion Ratio Lower Upper
 75 100
 155 86.1 44.6 134.0
 157 113.9 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 60.468 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

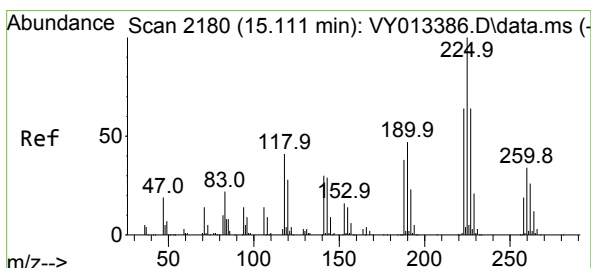
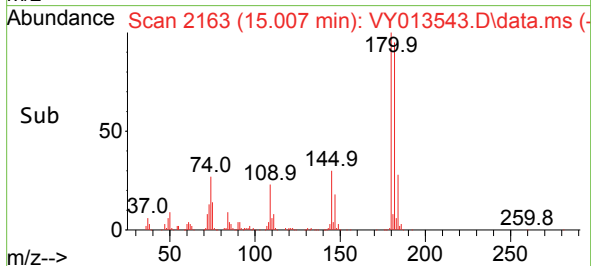
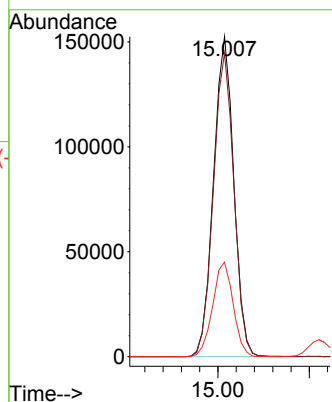
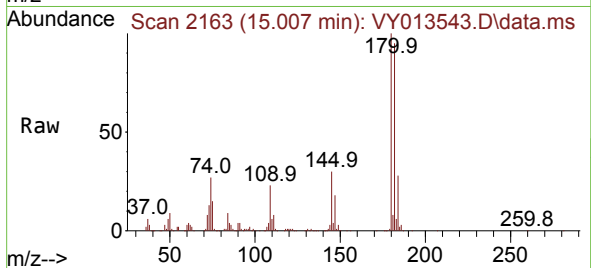
Tgt Ion:180 Resp: 234523

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.5

145 30.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 58.970 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

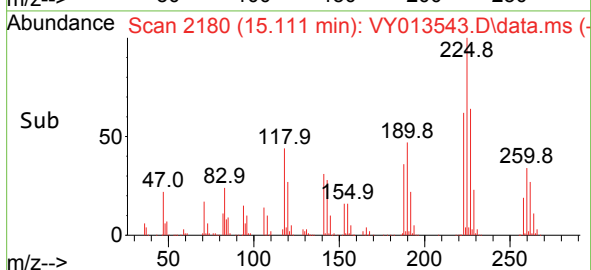
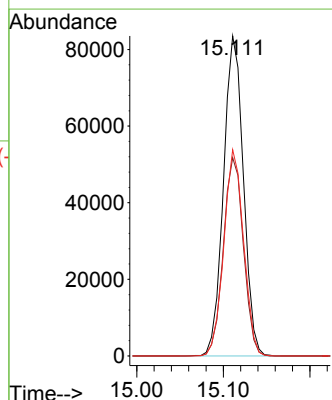
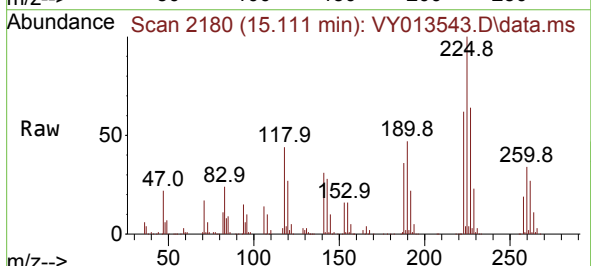
Tgt Ion:225 Resp: 133107

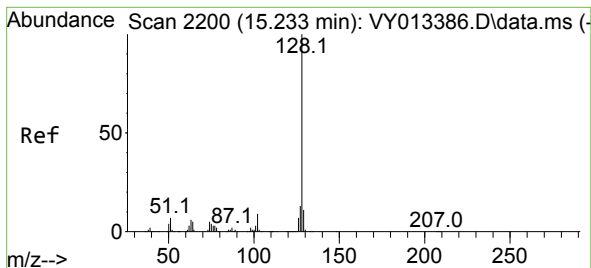
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.2

227 64.0 32.0 96.0





#95

Naphthalene

Concen: 65.939 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

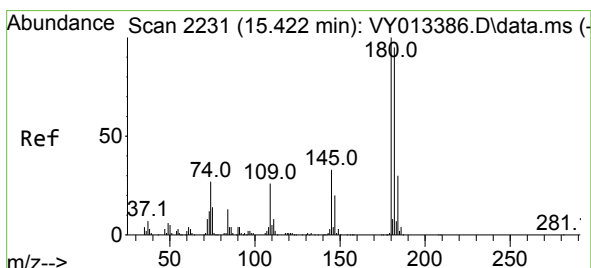
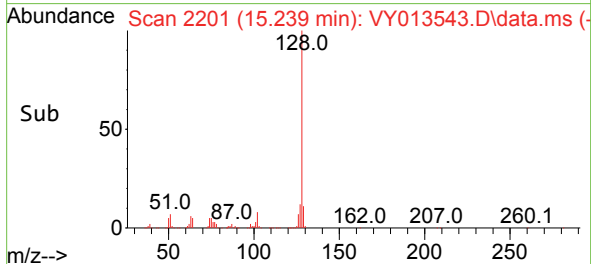
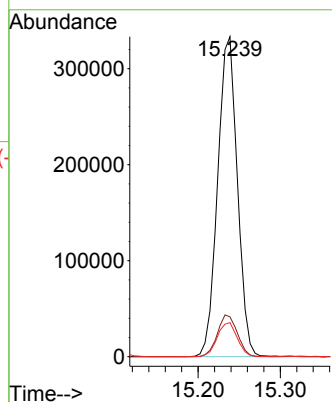
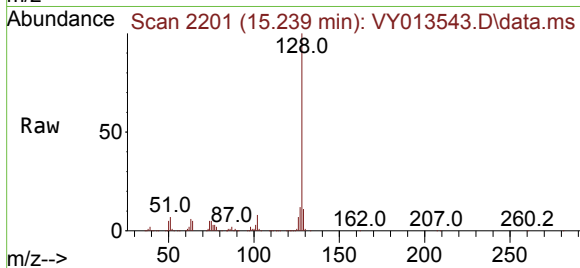
Tgt Ion:128 Resp: 554887

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 62.076 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013543.D

Acq: 01 May 2023 17:13

Tgt Ion:180 Resp: 214587

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.3

145 31.6 15.9 47.7

