

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021623\
 Data File : VY012626.D
 Acq On : 16 Feb 2023 09:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 16 21:55:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	125173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	165409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80632	50.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.320%	
35) Dibromofluoromethane	7.716	113	70523	54.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.020%	
50) Toluene-d8	10.179	98	287811	52.955	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.900%	
62) 4-Bromofluorobenzene	12.483	95	101744	53.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	40715	45.735	ug/l	99
3) Chloromethane	2.113	50	40618	41.648	ug/l	100
4) Vinyl Chloride	2.253	62	55519	45.692	ug/l	98
5) Bromomethane	2.649	94	45303	51.141	ug/l	99
6) Chloroethane	2.796	64	41641	49.236	ug/l	99
7) Trichlorofluoromethane	3.125	101	126885	50.805	ug/l	99
8) Diethyl Ether	3.533	74	37988	51.297	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	64457	51.109	ug/l	99
10) Methyl Iodide	4.088	142	81292	49.721	ug/l	100
11) Tert butyl alcohol	4.954	59	38144	248.129	ug/l	98
12) 1,1-Dichloroethene	3.875	96	61746	49.550	ug/l	96
13) Acrolein	3.729	56	34229	182.922	ug/l	97
14) Allyl chloride	4.484	41	72941	48.008	ug/l	97
15) Acrylonitrile	5.161	53	90835	265.865	ug/l	100
16) Acetone	3.942	43	109804	286.616	ug/l	99
17) Carbon Disulfide	4.192	76	137698	42.602	ug/l	99
18) Methyl Acetate	4.472	43	43765	47.528	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	197509	54.166	ug/l	99
20) Methylene Chloride	4.716	84	71279	49.786	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	68329	50.278	ug/l	98
22) Diisopropyl ether	6.118	45	163137	52.806	ug/l	96
23) Vinyl Acetate	6.057	43	511982	274.900	ug/l	98
24) 1,1-Dichloroethane	6.015	63	113751	51.505	ug/l	98
25) 2-Butanone	6.984	43	114536	269.460	ug/l	99
26) 2,2-Dichloropropane	6.984	77	129499	53.368	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	83205	52.758	ug/l	99
28) Bromochloromethane	7.332	49	45098	56.176	ug/l	96
29) Tetrahydrofuran	7.344	42	60327	262.527	ug/l	95
30) Chloroform	7.502	83	142569	53.542	ug/l	99
31) Cyclohexane	7.783	56	84288	45.800	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	139143	53.850	ug/l	99
36) 1,1-Dichloropropene	7.917	75	92175	52.157	ug/l	98
37) Ethyl Acetate	7.069	43	42772	53.637	ug/l	98
38) Carbon Tetrachloride	7.899	117	132189	55.722	ug/l	99
39) Methylcyclohexane	9.185	83	109842	51.653	ug/l	97
40) Benzene	8.161	78	276263	52.927	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	61663	141.143	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	93623	55.338	ug/l	99
43) Isopropyl Acetate	8.270	43	81620	55.204	ug/l	99
44) Trichloroethene	8.941	130	85162	53.597	ug/l	95
45) 1,2-Dichloropropane	9.215	63	60916	53.821	ug/l	98
46) Dibromomethane	9.307	93	41631	55.550	ug/l	99
47) Bromodichloromethane	9.496	83	109020	56.104	ug/l	99
48) Methyl methacrylate	9.288	41	37093	54.886	ug/l	96
49) 1,4-Dioxane	9.295	88	12887	1245.658	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	229085	287.179	ug/l	99
52) Toluene	10.246	92	195451	55.217	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	110586	56.477	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	116978	55.206	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	63249	57.759	ug/l	97
56) Ethyl methacrylate	10.508	69	81158	58.990	ug/l	97
57) 1,3-Dichloropropane	10.788	76	99992	56.578	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	173113	279.942	ug/l	97
59) 2-Hexanone	10.831	43	176068	292.065	ug/l	99
60) Dibromochloromethane	10.983	129	85301	58.437	ug/l	98
61) 1,2-Dibromoethane	11.087	107	57906	56.436	ug/l	99
64) Tetrachloroethene	10.721	164	86912	50.329	ug/l	98
65) Chlorobenzene	11.514	112	218927	55.803	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	89405	58.153	ug/l	98
67) Ethyl Benzene	11.593	91	385644	55.992	ug/l	99
68) m/p-Xylenes	11.703	106	310894	113.084	ug/l	98
69) o-Xylene	12.026	106	149789	57.211	ug/l	100
70) Styrene	12.044	104	256024	57.659	ug/l	100
71) Bromoform	12.209	173	58245	59.938	ug/l #	99
73) Isopropylbenzene	12.331	105	408677	54.028	ug/l	99
74) N-amyl acetate	12.142	43	74285	54.251	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	68650	56.128	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	95414	91.345	ug/l #	100
77) Bromobenzene	12.611	156	99671	54.364	ug/l	97
78) n-propylbenzene	12.672	91	467759	53.726	ug/l	100
79) 2-Chlorotoluene	12.757	91	264380	53.492	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	354365	54.420	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	24529	52.955	ug/l	99
82) 4-Chlorotoluene	12.855	91	276911	53.410	ug/l	100
83) tert-Butylbenzene	13.074	119	317420	55.589	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	355327	55.458	ug/l	100
85) sec-Butylbenzene	13.251	105	447756	54.812	ug/l	99
86) p-Isopropyltoluene	13.367	119	398613	56.247	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	200866	55.064	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	199979	54.729	ug/l	100
89) n-Butylbenzene	13.696	91	338174	55.834	ug/l	99
90) Hexachloroethane	13.958	117	69224	53.217	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	180917	55.131	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13588	55.826	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	118545	58.301	ug/l	99
94) Hexachlorobutadiene	15.111	225	72374	57.296	ug/l	99
95) Naphthalene	15.239	128	233960	59.938	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	102078	57.997	ug/l	99

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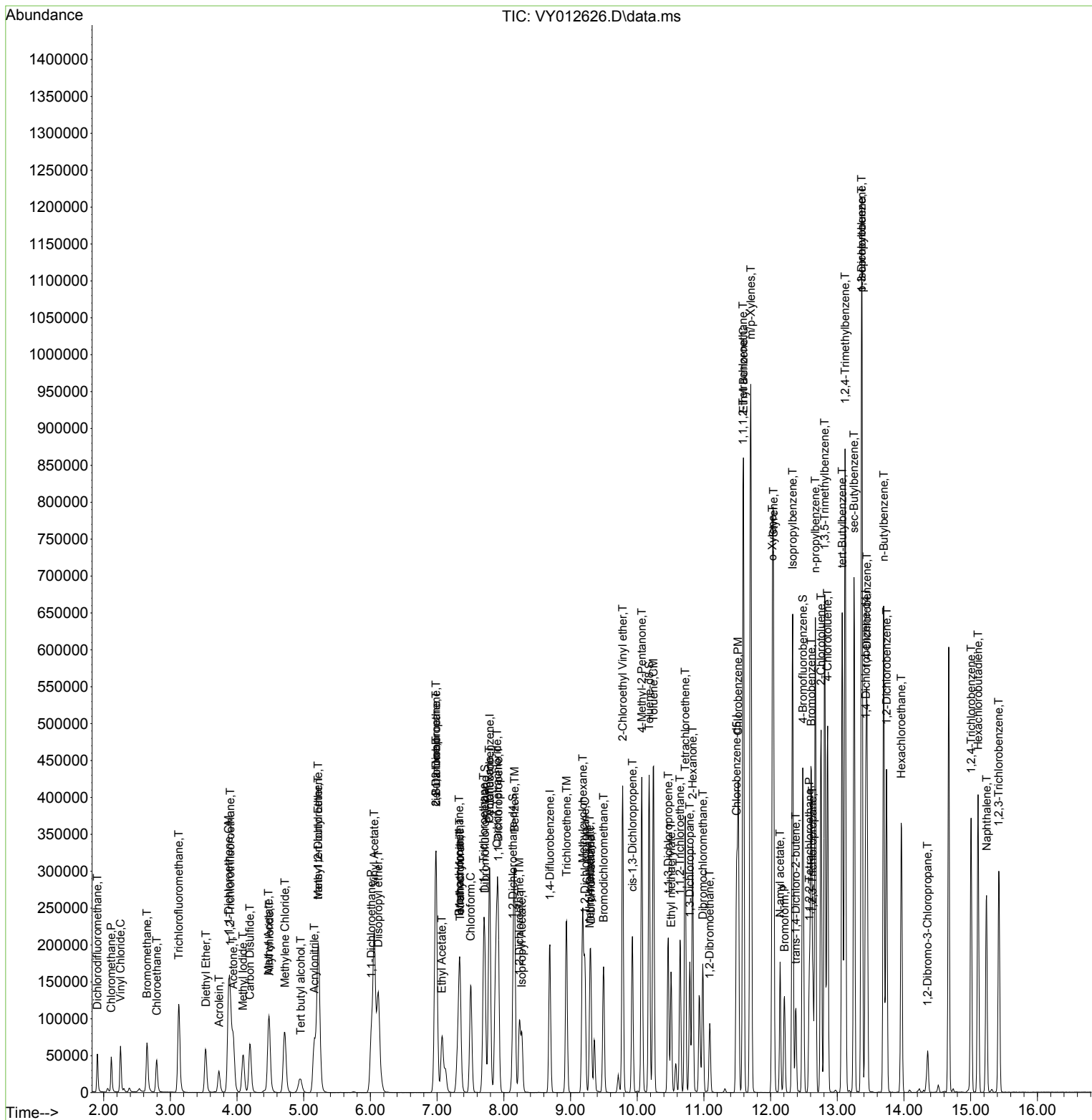
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

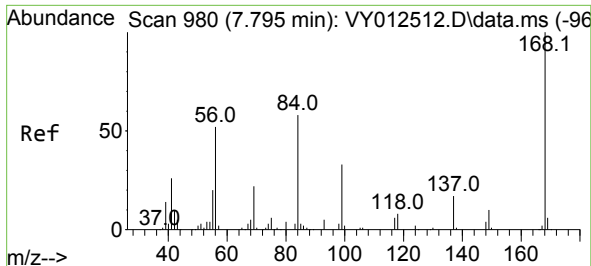
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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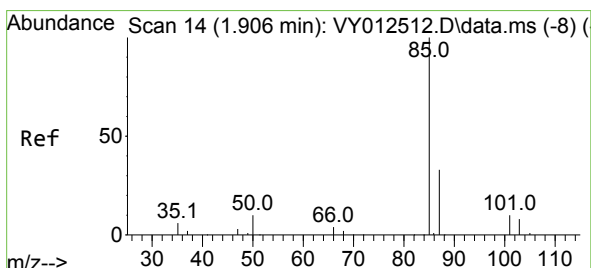
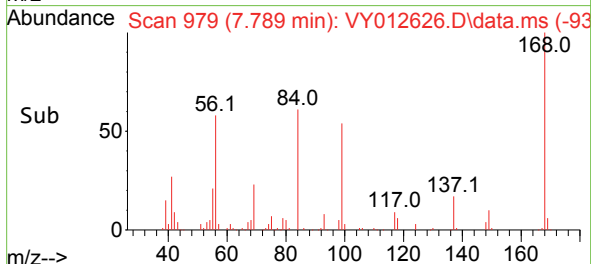
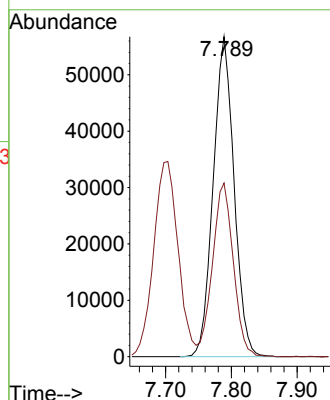
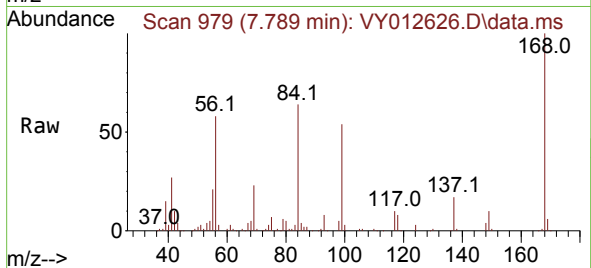




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012626.D
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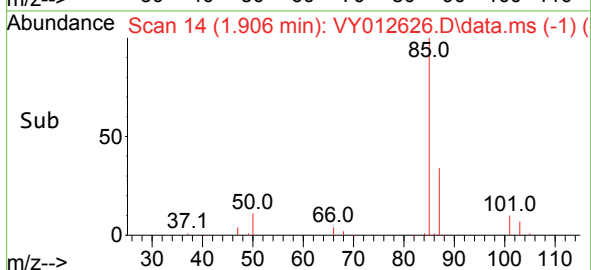
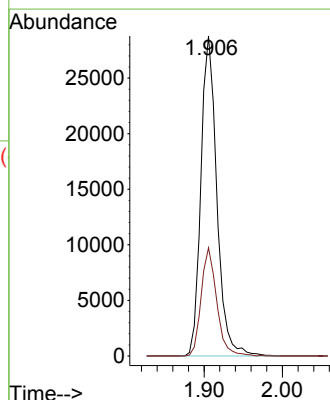
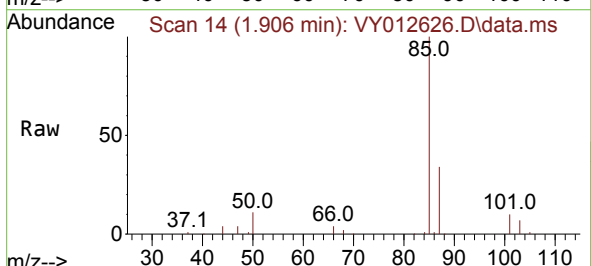
Instrument :
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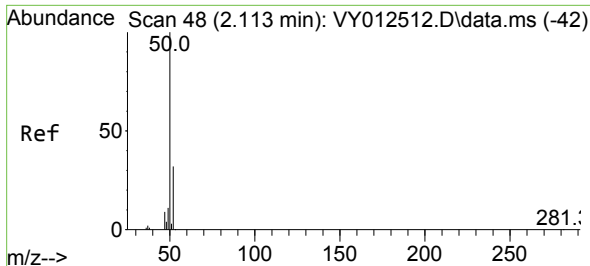
Tgt Ion:168 Resp: 125173
Ion Ratio Lower Upper
168 100
99 54.2 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 45.735 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 85 Resp: 40715
Ion Ratio Lower Upper
85 100
87 33.8 16.6 49.8

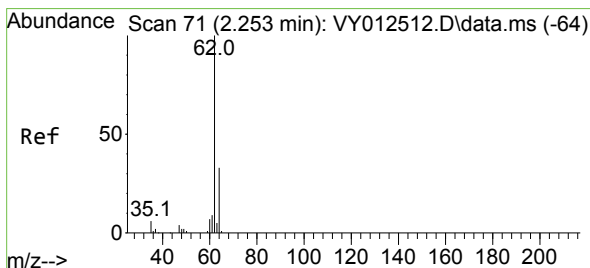
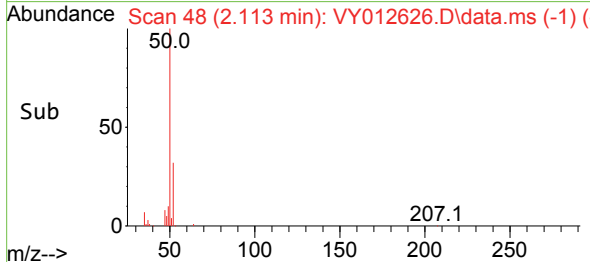
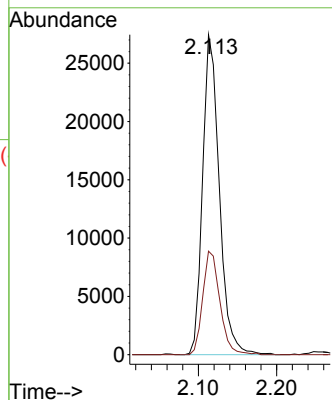
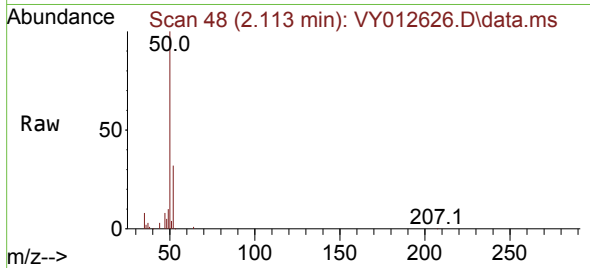




#3
Chloromethane
Concen: 41.648 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

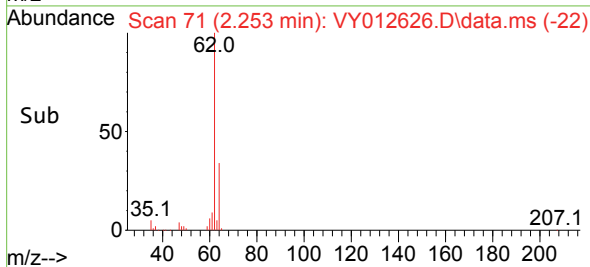
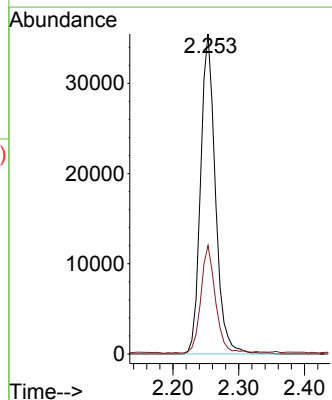
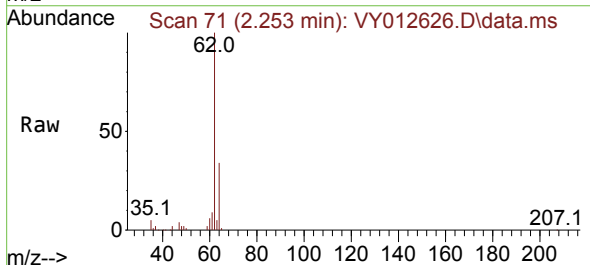
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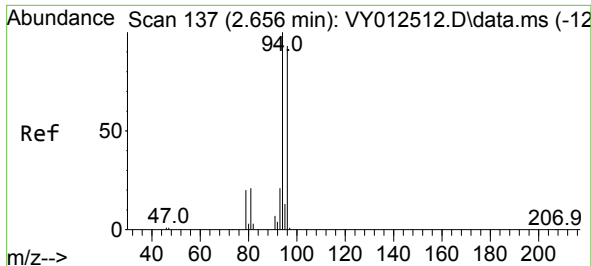
Tgt Ion: 50 Resp: 40618
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.6



#4
Vinyl Chloride
Concen: 45.692 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 62 Resp: 55519
Ion Ratio Lower Upper
62 100
64 33.6 26.1 39.1

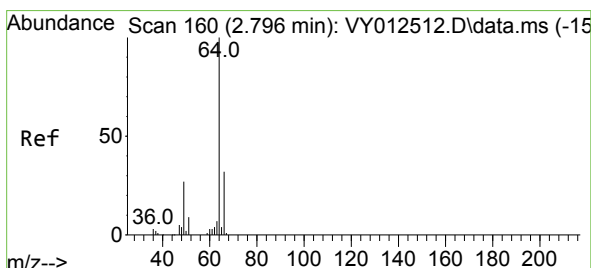
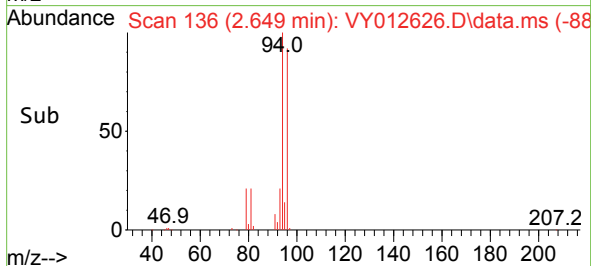
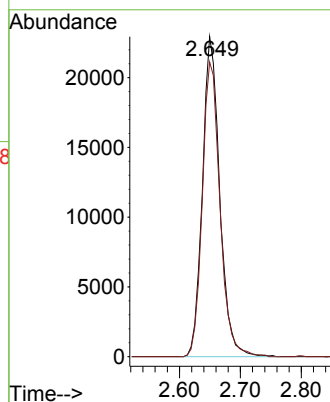
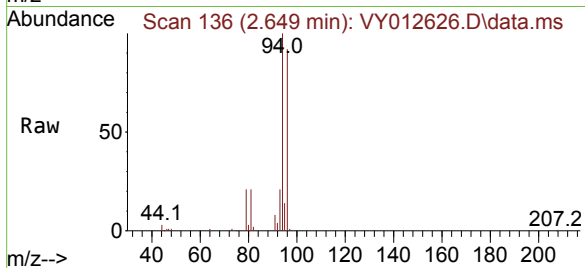




#5
Bromomethane
Concen: 51.141 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

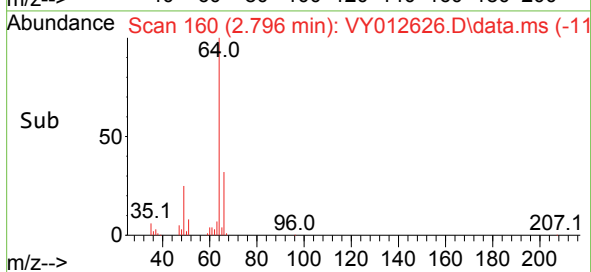
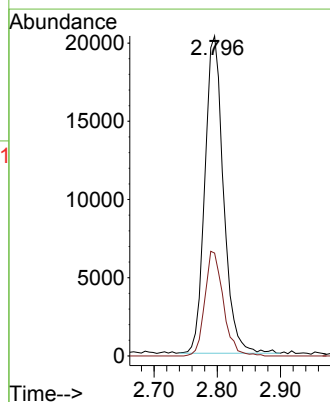
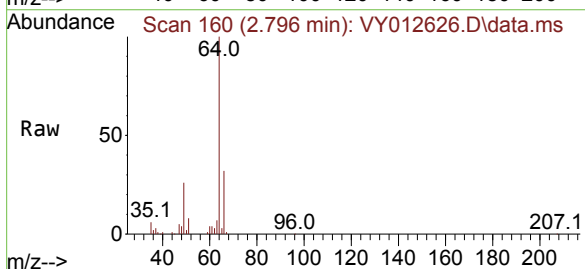
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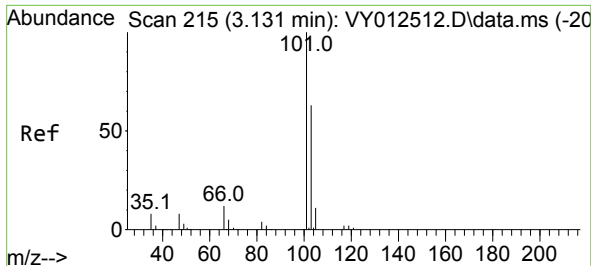
Tgt Ion: 94 Resp: 45303
Ion Ratio Lower Upper
94 100
96 92.1 74.7 112.1



#6
Chloroethane
Concen: 49.236 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 64 Resp: 41641
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5

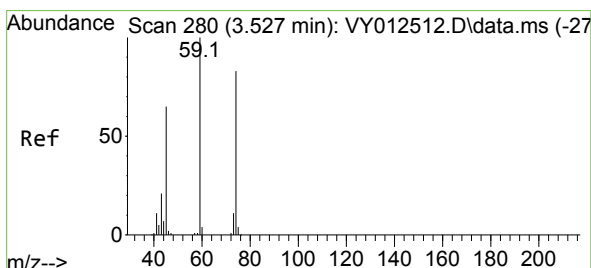
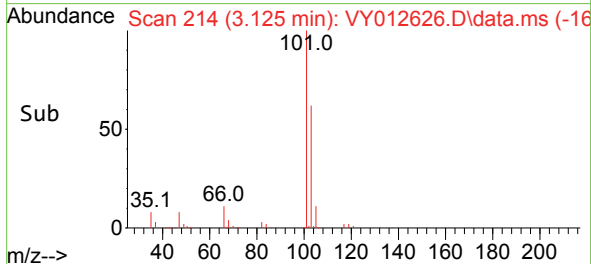
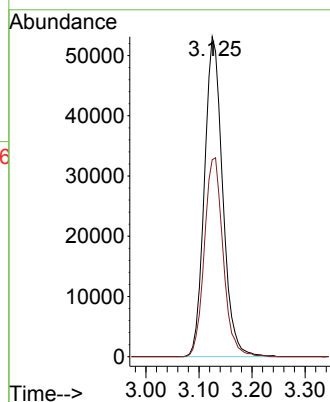
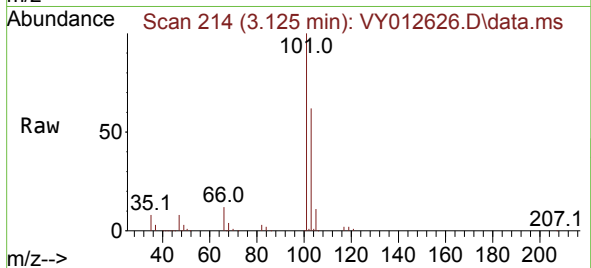




#7
Trichlorofluoromethane
Concen: 50.805 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

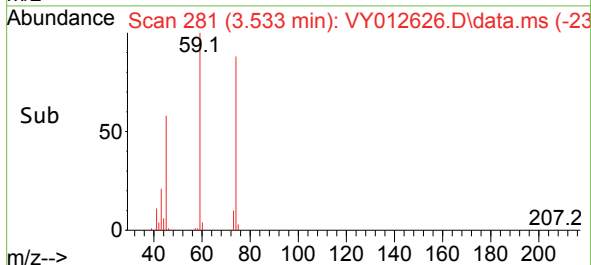
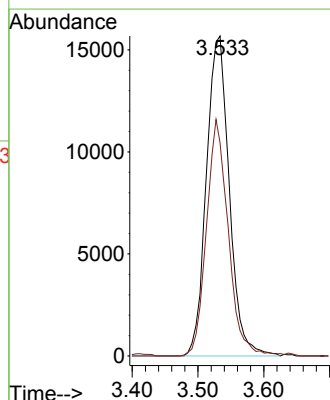
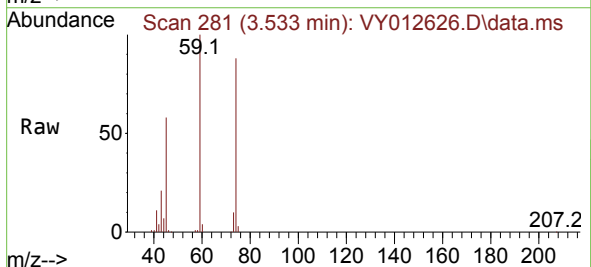
Instrument :
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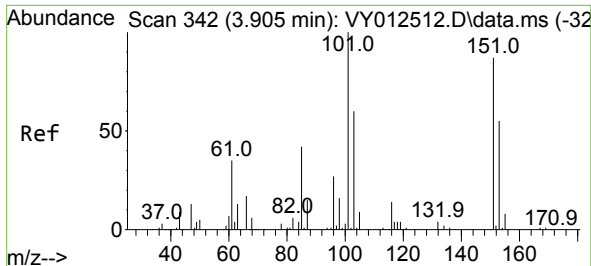
Tgt Ion:101 Resp: 126885
Ion Ratio Lower Upper
101 100
103 61.6 50.1 75.1



#8
Diethyl Ether
Concen: 51.297 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY012626.D
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Tgt Ion: 74 Resp: 37988
Ion Ratio Lower Upper
74 100
45 70.6 37.8 113.4

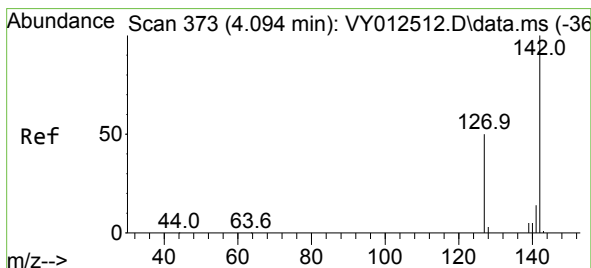
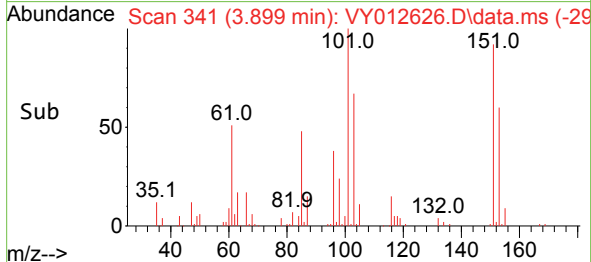
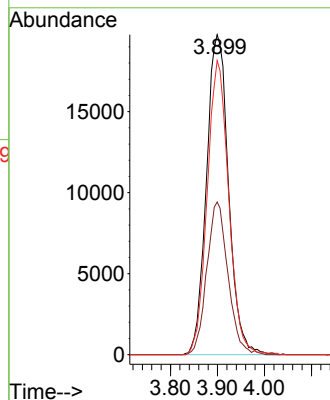
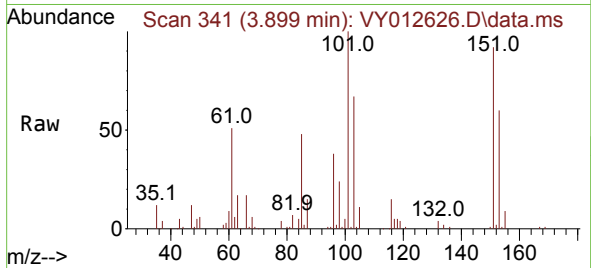




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.109 ug/l
 RT: 3.899 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VY012626.D
 Acq: 16 Feb 2023 09:36

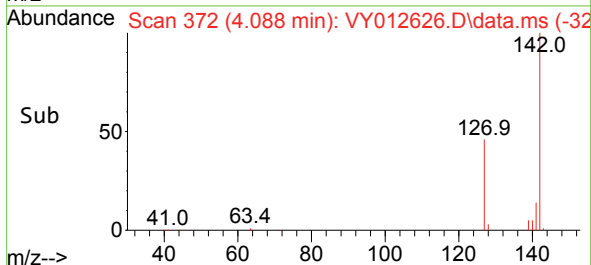
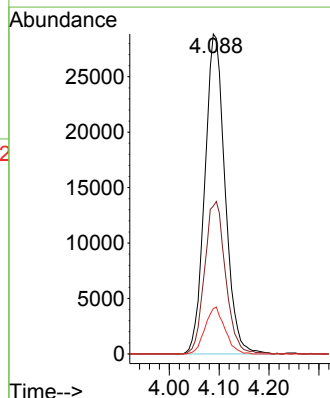
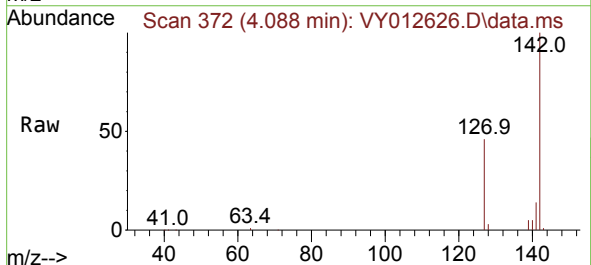
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

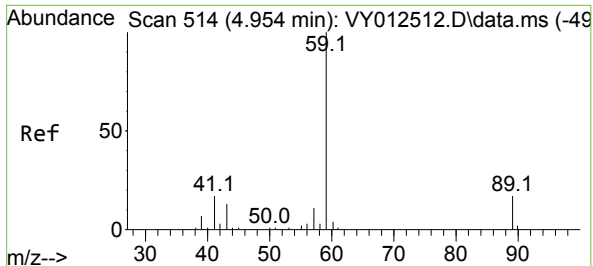
Tgt Ion:101 Resp: 64457
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.1 54.1
 151 89.5 70.7 106.1



#10
 Methyl Iodide
 Concen: 49.721 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. -0.006 min
 Lab File: VY012626.D
 Acq: 16 Feb 2023 09:36

Tgt Ion:142 Resp: 81292
 Ion Ratio Lower Upper
 142 100
 127 49.4 39.8 59.6
 141 14.4 11.6 17.4

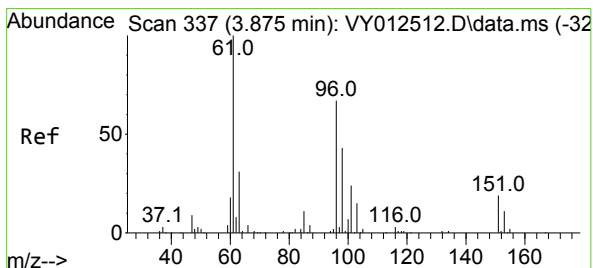
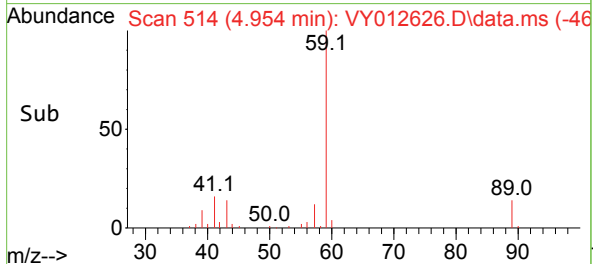
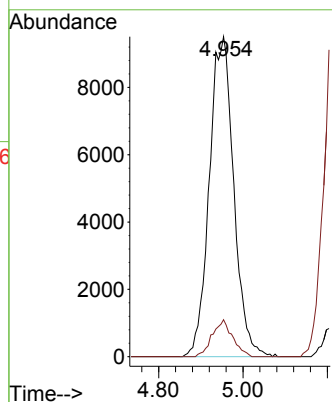
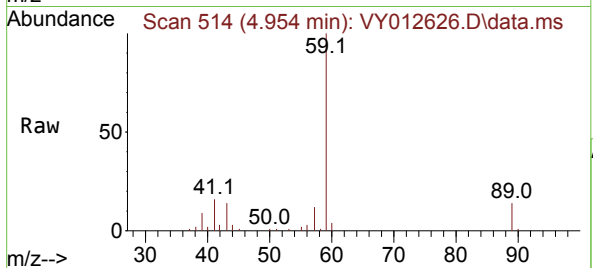




#11
Tert butyl alcohol
Concen: 248.129 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

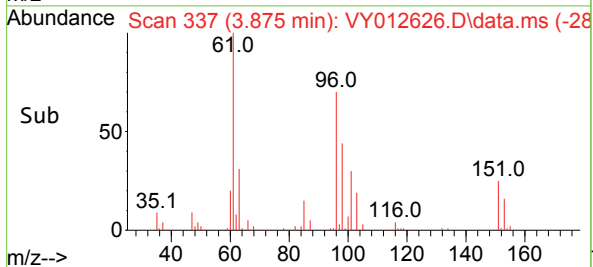
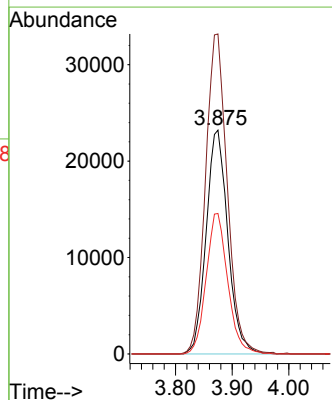
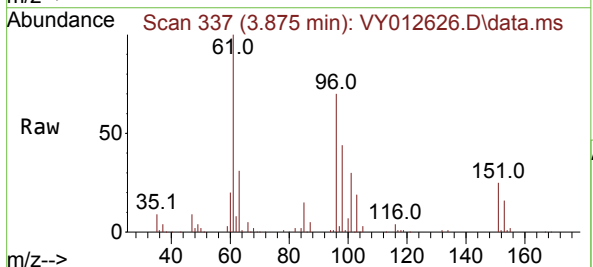
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

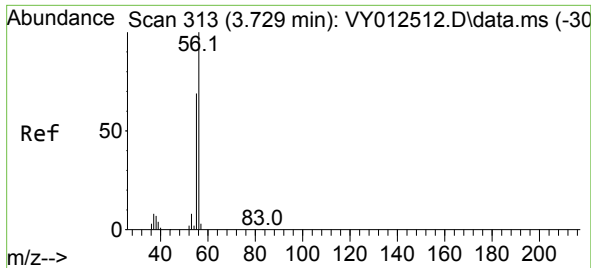
Tgt Ion: 59 Resp: 38144
Ion Ratio Lower Upper
59 100
57 9.6 7.2 10.8



#12
1,1-Dichloroethene
Concen: 49.550 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 96 Resp: 61746
Ion Ratio Lower Upper
96 100
61 143.0 119.4 179.2
98 62.7 51.9 77.9





#13

Acrolein

Concen: 182.922 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

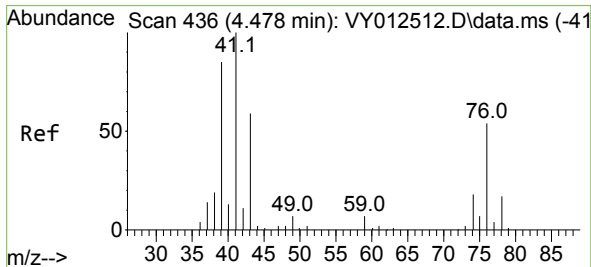
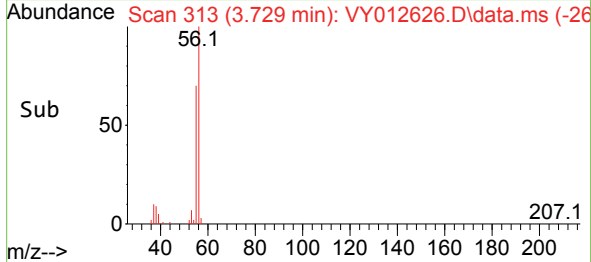
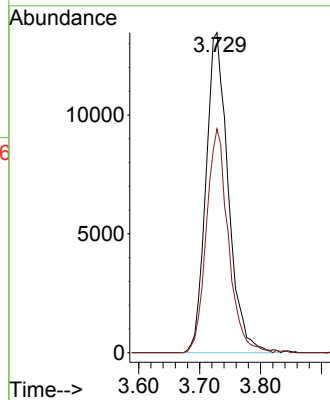
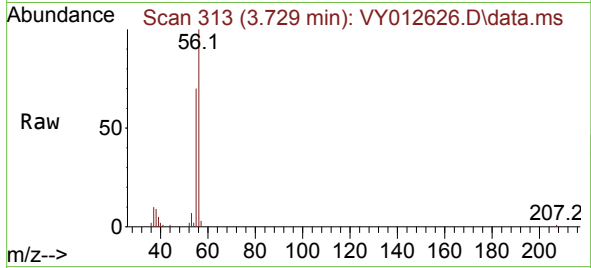
VSTDCCC050

Tgt Ion: 56 Resp: 34229

Ion Ratio Lower Upper

56 100

55 68.9 57.0 85.4



#14

Allyl chloride

Concen: 48.008 ug/l

RT: 4.484 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

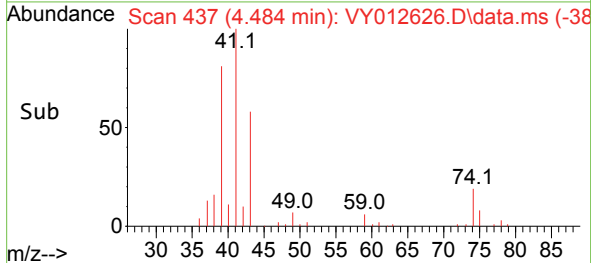
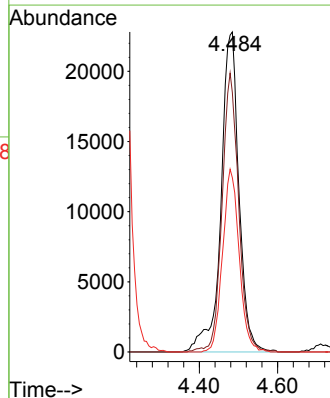
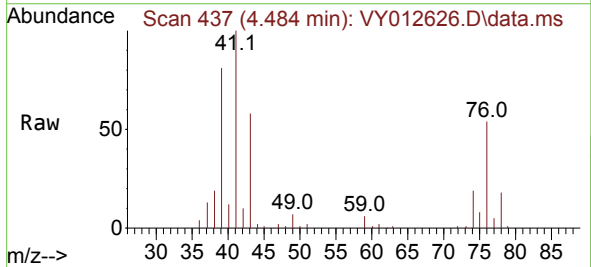
Tgt Ion: 41 Resp: 72941

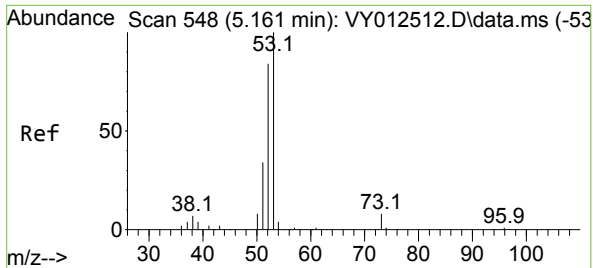
Ion Ratio Lower Upper

41 100

39 80.5 62.6 94.0

76 52.6 39.6 59.4

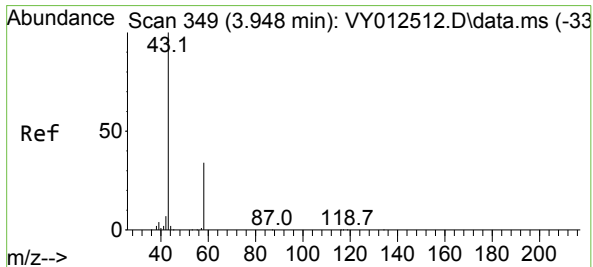
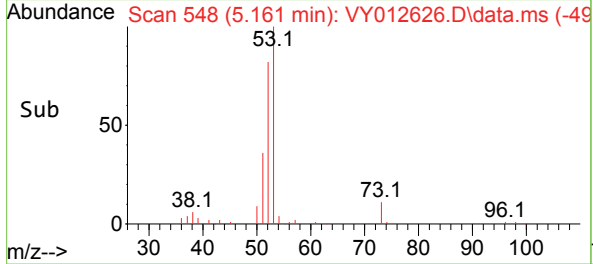
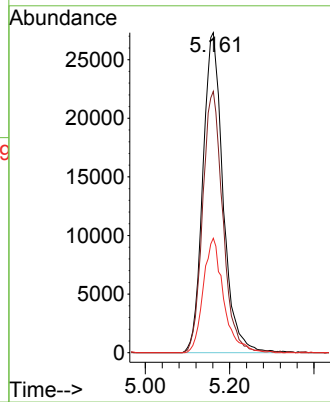
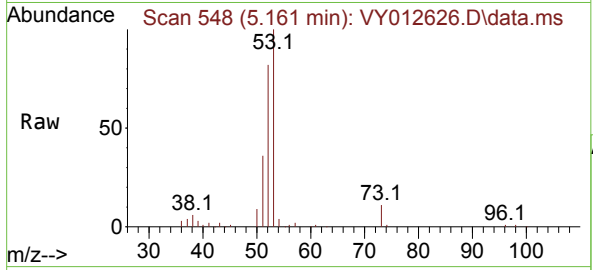




#15
Acrylonitrile
Concen: 265.865 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

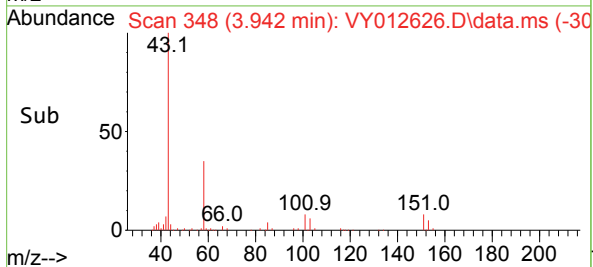
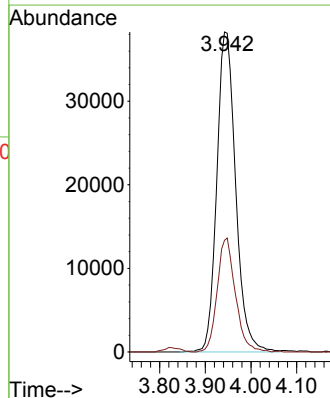
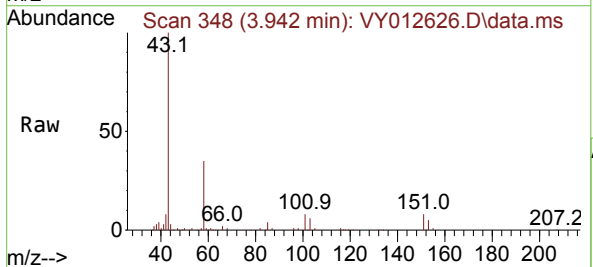
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

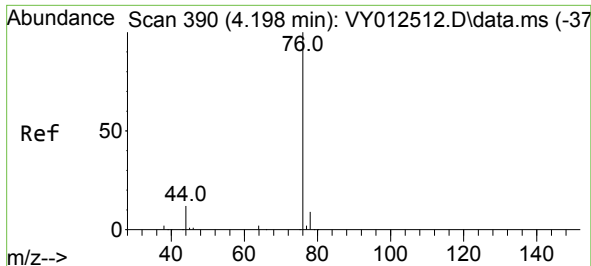
Tgt	Ion: 53	Resp:	90835
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.0	97.4
51	36.2	28.7	43.1



#16
Acetone
Concen: 286.616 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 43	Resp: 109804
Ion Ratio	Lower Upper
43 100	
58 34.6	27.1 40.7





#17

Carbon Disulfide

Concen: 42.602 ug/l

RT: 4.192 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

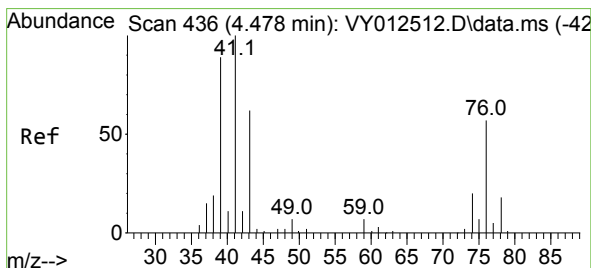
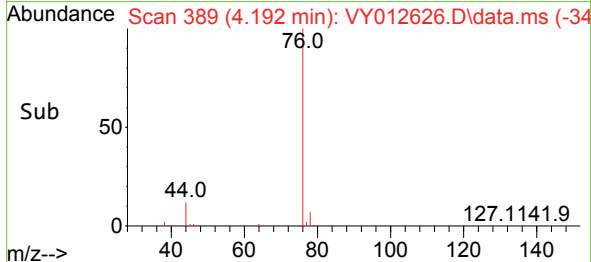
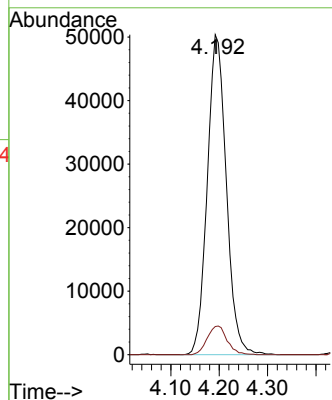
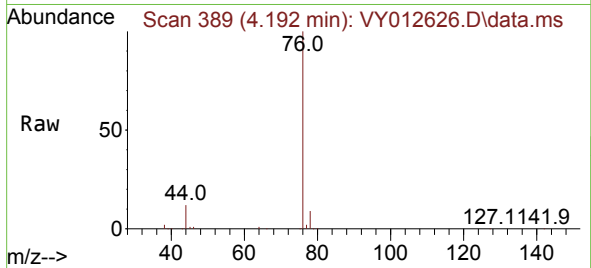
VSTDCCC050

Tgt Ion: 76 Resp: 137698

Ion Ratio Lower Upper

76 100

78 8.8 6.9 10.3



#18

Methyl Acetate

Concen: 47.528 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY012626.D

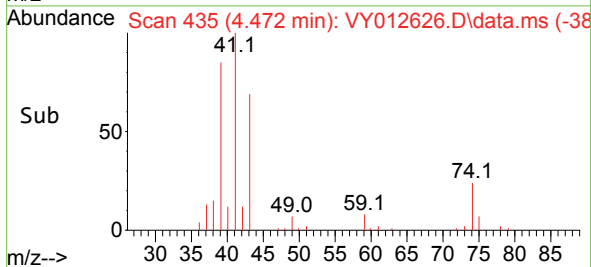
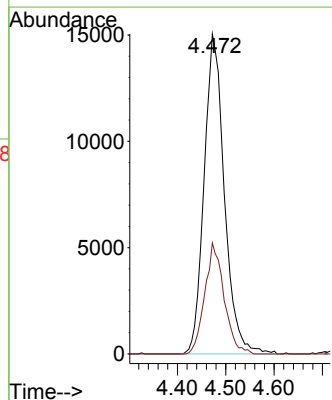
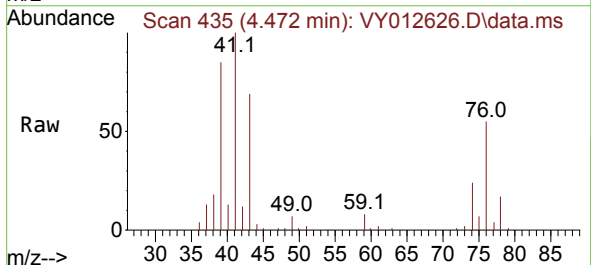
Acq: 16 Feb 2023 09:36

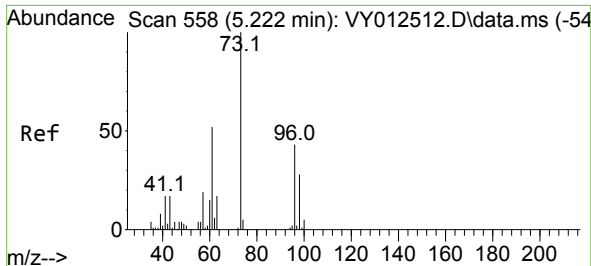
Tgt Ion: 43 Resp: 43765

Ion Ratio Lower Upper

43 100

74 33.0 25.6 38.4

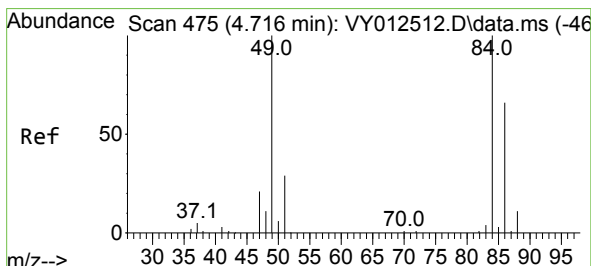
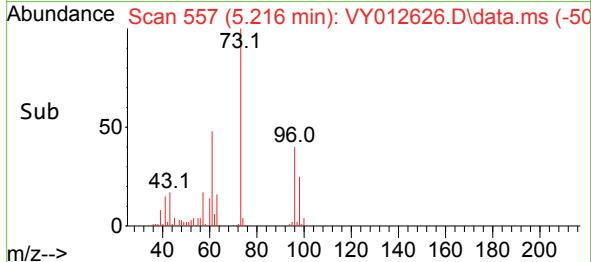
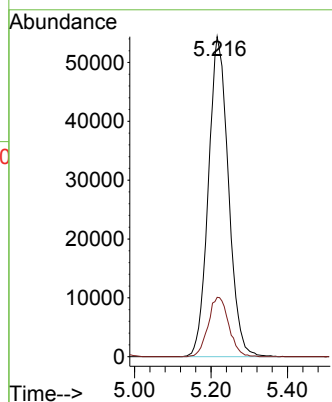
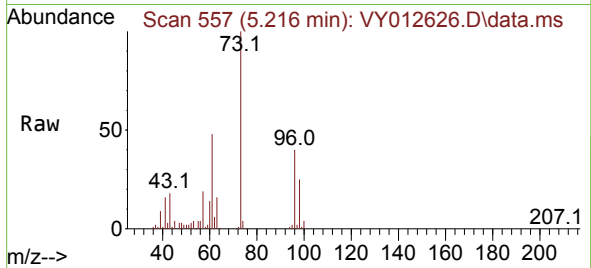




#19
Methyl tert-butyl Ether
Concen: 54.166 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

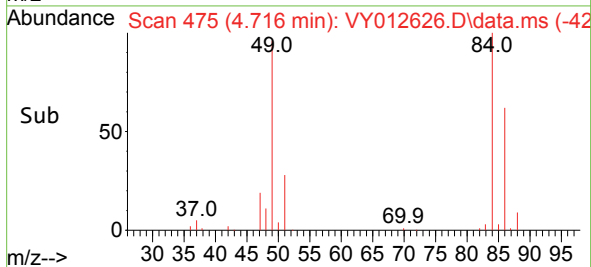
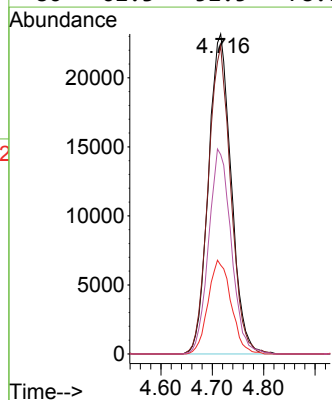
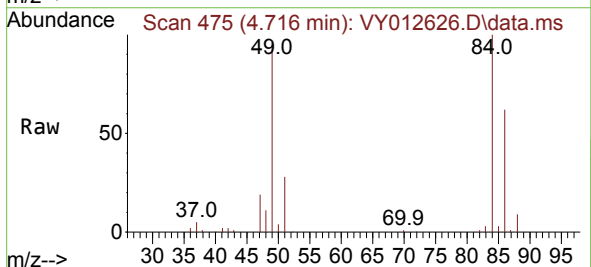
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

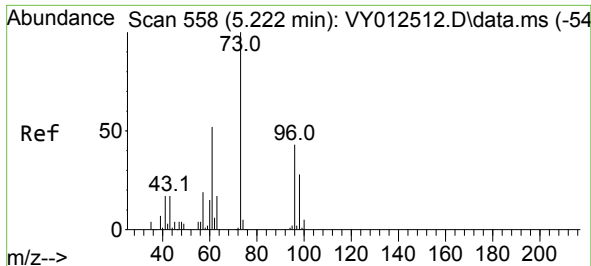
Tgt Ion: 73 Resp: 197509
Ion Ratio Lower Upper
73 100
57 18.6 15.3 22.9



#20
Methylene Chloride
Concen: 49.786 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 84 Resp: 71279
Ion Ratio Lower Upper
84 100
49 96.2 79.8 119.6
51 27.8 23.4 35.2
86 62.3 52.5 78.7

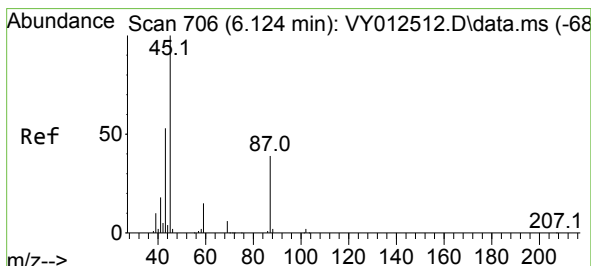
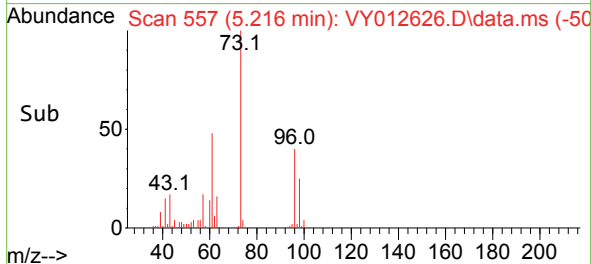
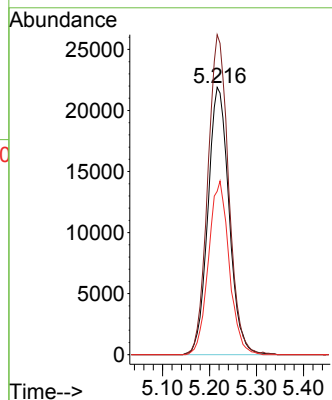
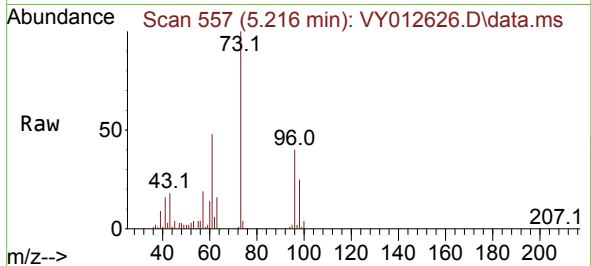




#21
trans-1,2-Dichloroethene
Concen: 50.278 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

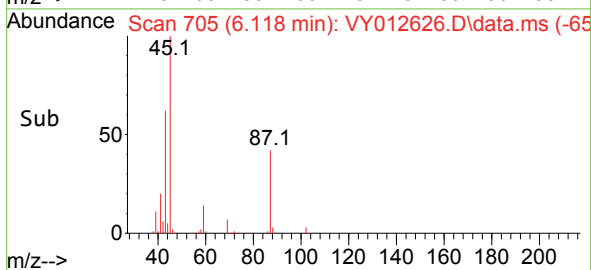
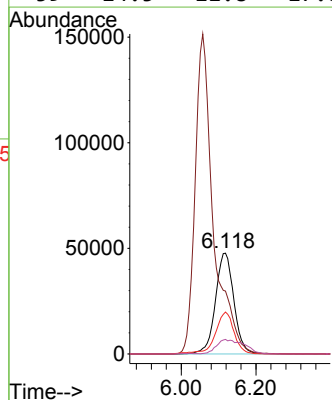
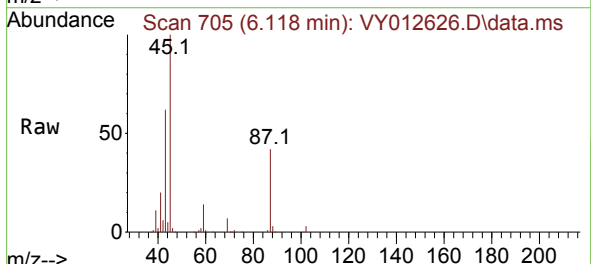
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

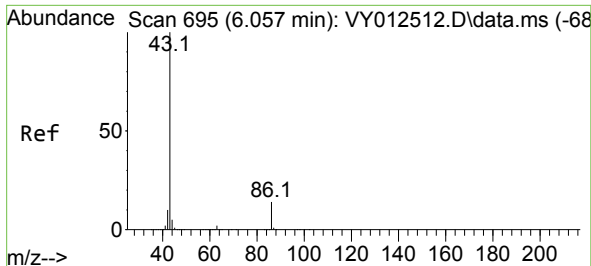
Tgt Ion: 96 Resp: 68329
Ion Ratio Lower Upper
96 100
61 119.7 96.2 144.4
98 61.1 51.6 77.4



#22
Diisopropyl ether
Concen: 52.806 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 45 Resp: 163137
Ion Ratio Lower Upper
45 100
43 61.8 45.9 68.9
87 41.5 32.2 48.4
59 14.5 11.8 17.8

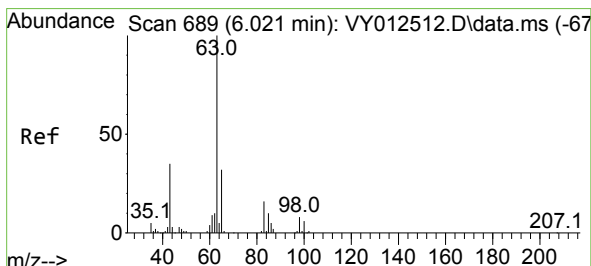
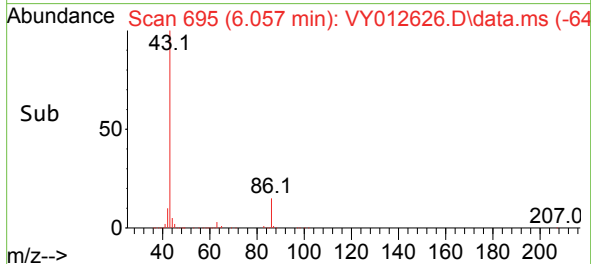
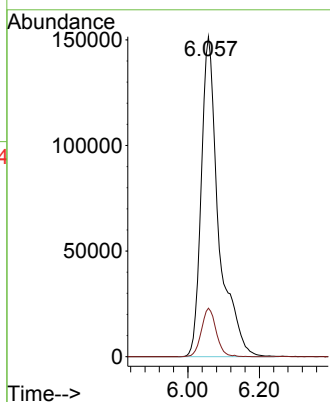
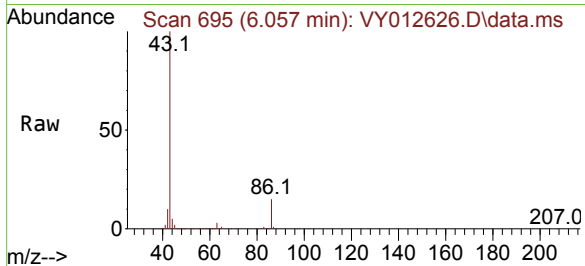




#23
 Vinyl Acetate
 Concen: 274.900 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012626.D
 Acq: 16 Feb 2023 09:36

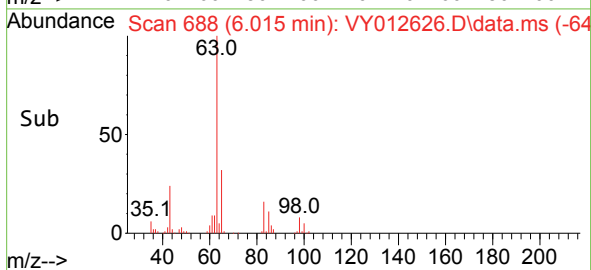
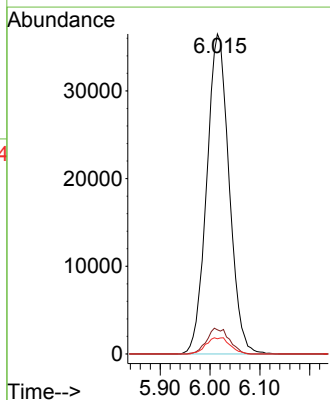
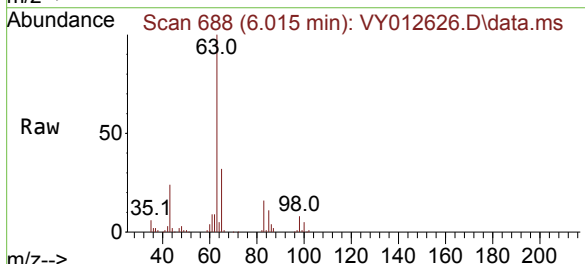
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

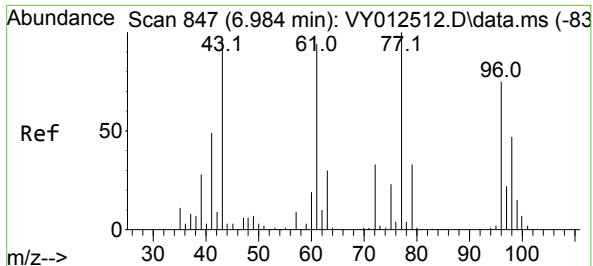
Tgt Ion: 43 Resp: 511982
 Ion Ratio Lower Upper
 43 100
 86 15.1 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 51.505 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012626.D
 Acq: 16 Feb 2023 09:36

Tgt Ion: 63 Resp: 113751
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.1 12.3
 100 4.8 2.9 8.8

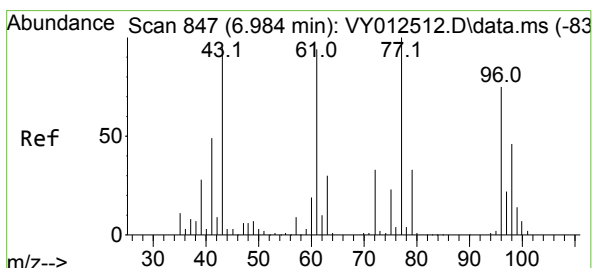
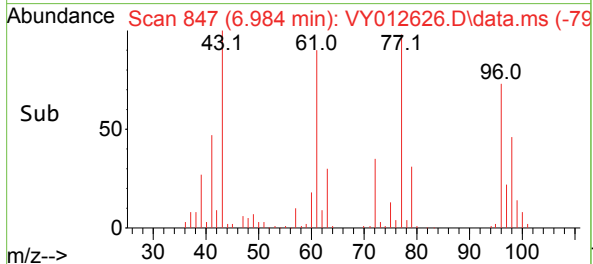
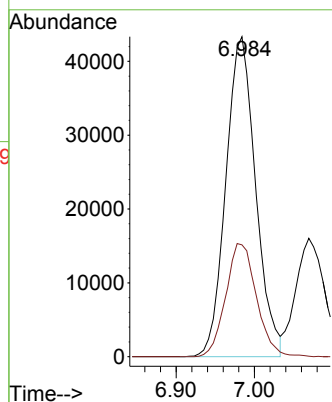
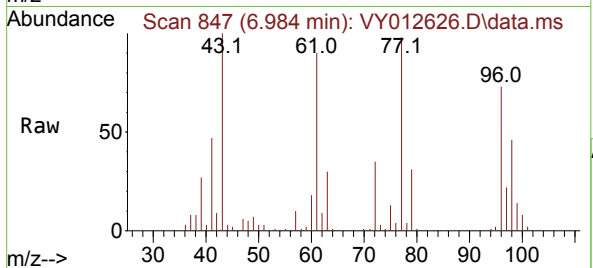




#25
2-Butanone
Concen: 269.460 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

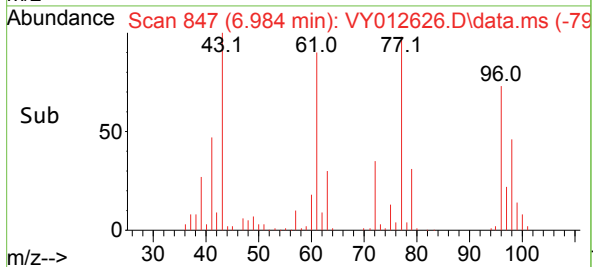
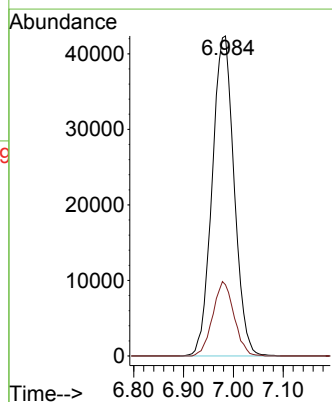
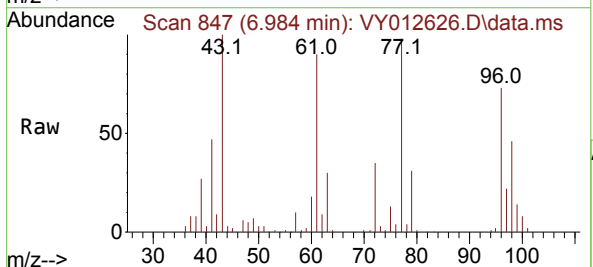
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

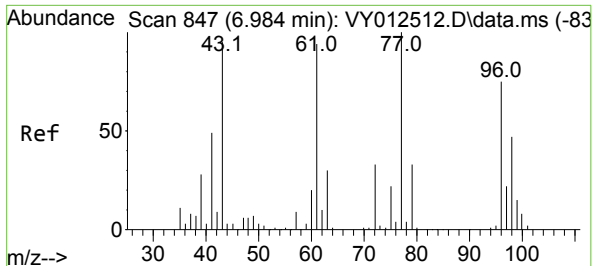
Tgt Ion: 43 Resp: 114536
Ion Ratio Lower Upper
43 100
72 34.9 27.4 41.2



#26
2,2-Dichloropropane
Concen: 53.368 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 77 Resp: 129499
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.758 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

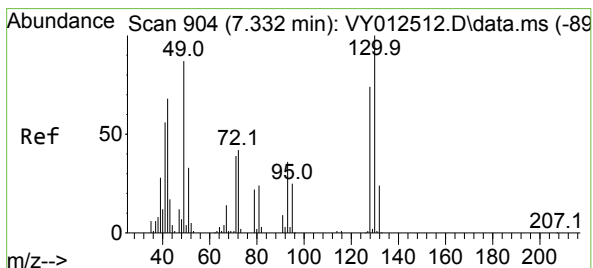
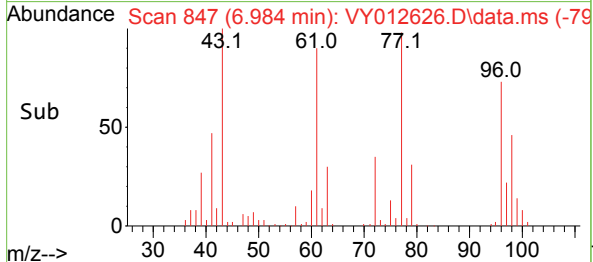
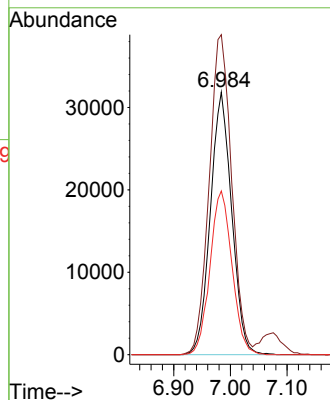
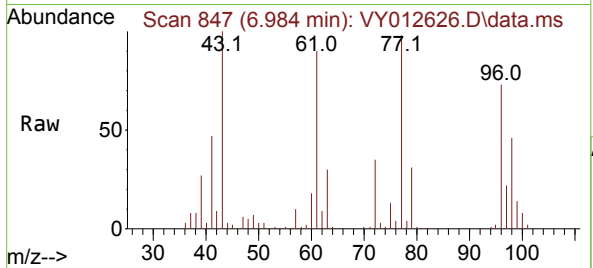
Tgt Ion: 96 Resp: 83205

Ion Ratio Lower Upper

96 100

61 128.5 0.0 259.2

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 56.176 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

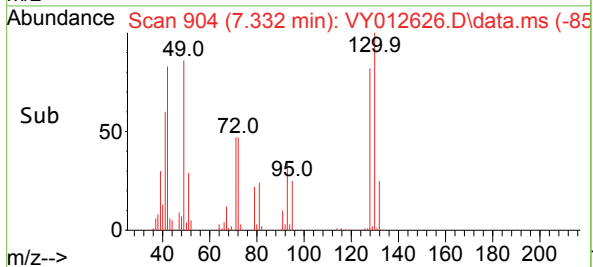
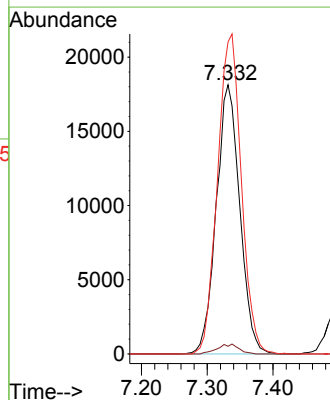
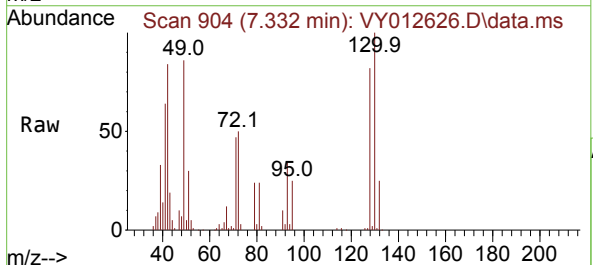
Tgt Ion: 49 Resp: 45098

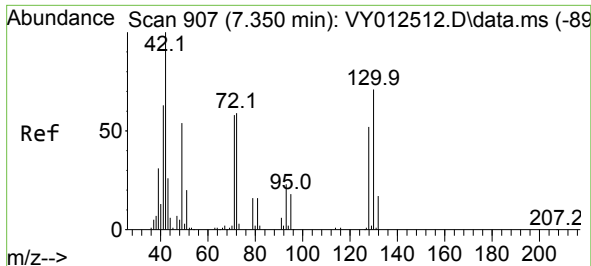
Ion Ratio Lower Upper

49 100

129 3.3 0.0 6.0

130 120.7 93.1 139.7





#29

Tetrahydrofuran

Concen: 262.527 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

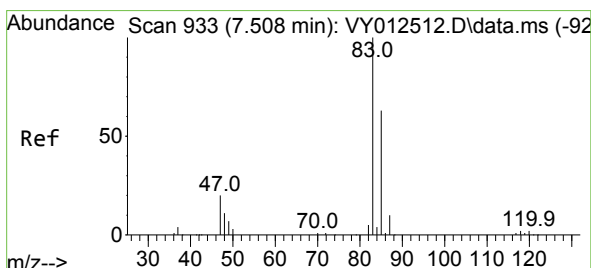
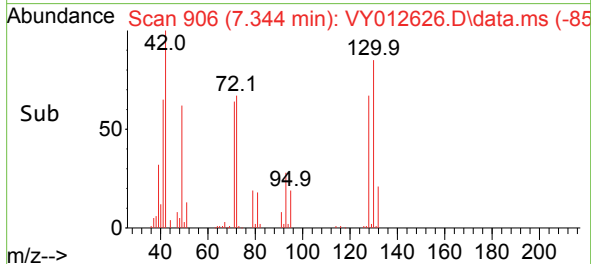
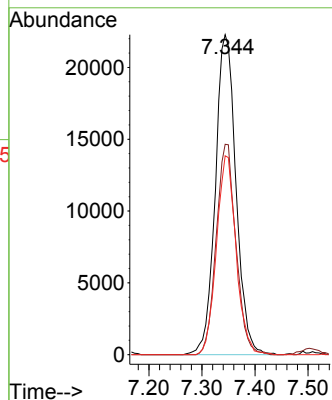
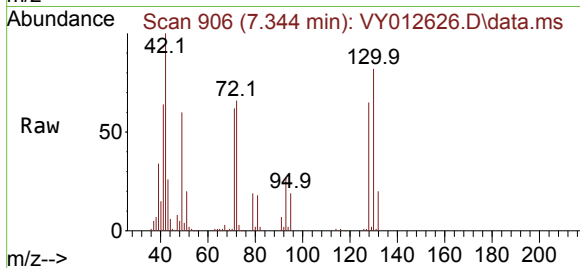
Tgt Ion: 42 Resp: 60327

Ion Ratio Lower Upper

42 100

72 62.7 47.0 70.6

71 58.9 44.6 66.8



#30

Chloroform

Concen: 53.542 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012626.D

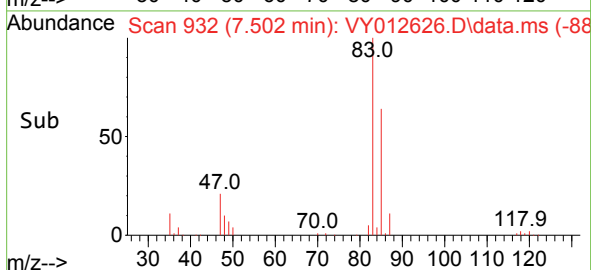
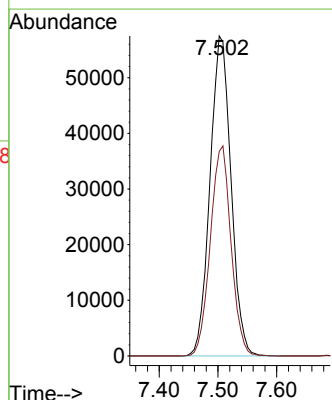
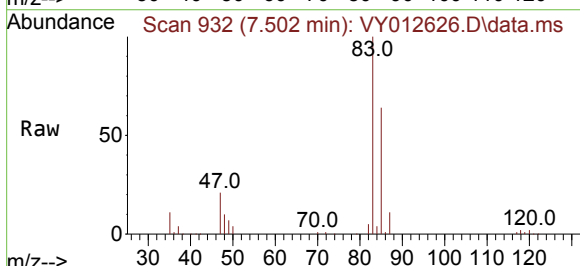
Acq: 16 Feb 2023 09:36

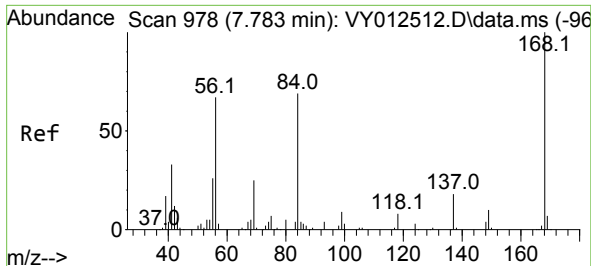
Tgt Ion: 83 Resp: 142569

Ion Ratio Lower Upper

83 100

85 63.9 50.8 76.2

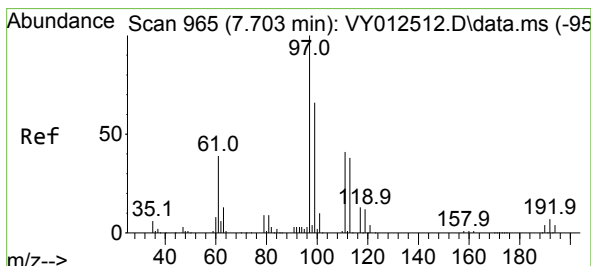
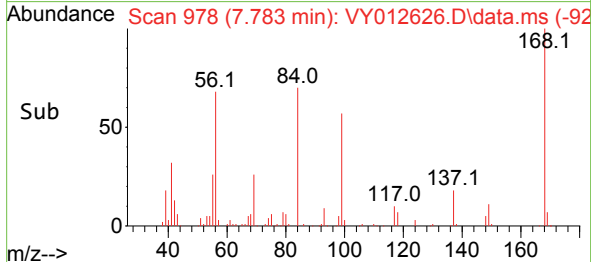
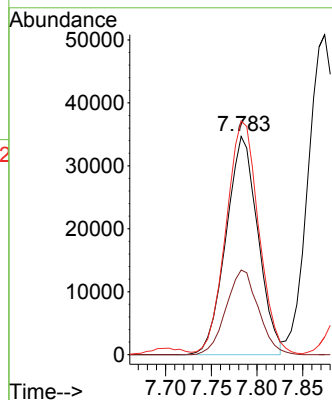
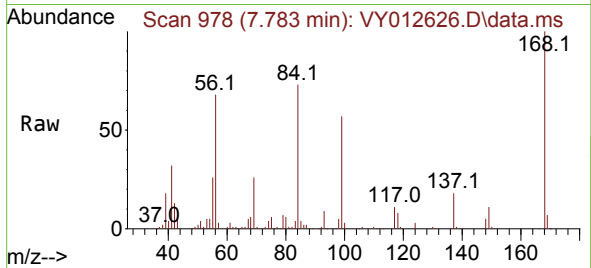




#31
Cyclohexane
Concen: 45.800 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

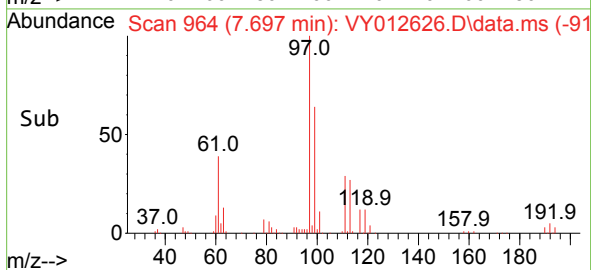
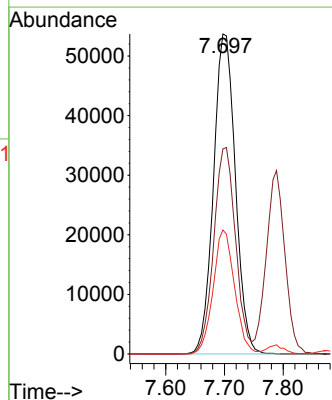
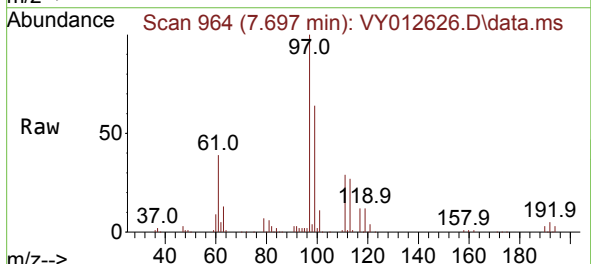
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

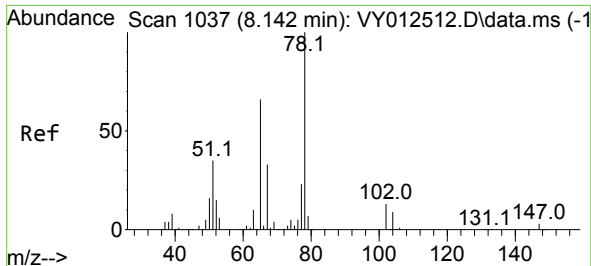
Tgt Ion: 56 Resp: 84288
Ion Ratio Lower Upper
56 100
69 38.8 29.5 44.3
84 104.6 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 53.850 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 97 Resp: 139143
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 37.9 30.5 45.7

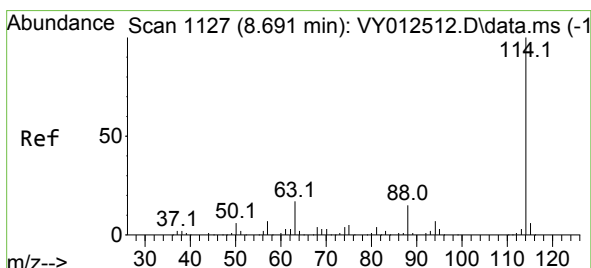
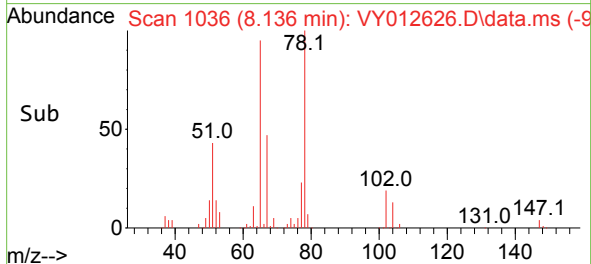
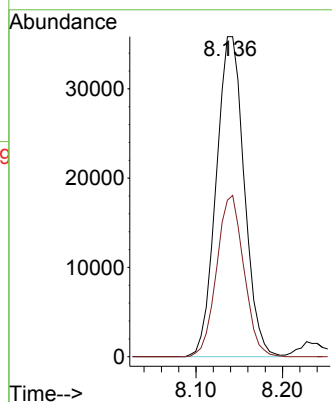
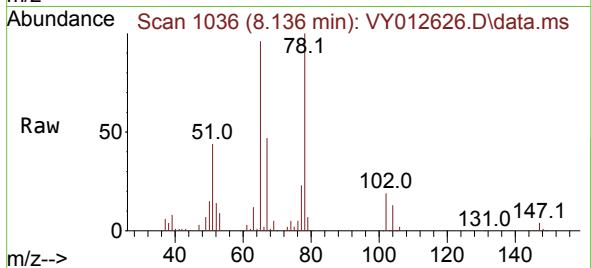




#33
 1,2-Dichloroethane-d4
 Concen: 50.657 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY012626.D
 Acq: 16 Feb 2023 09:36

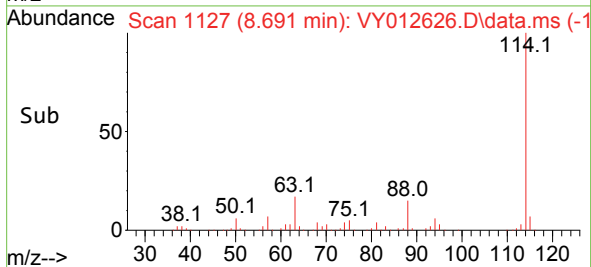
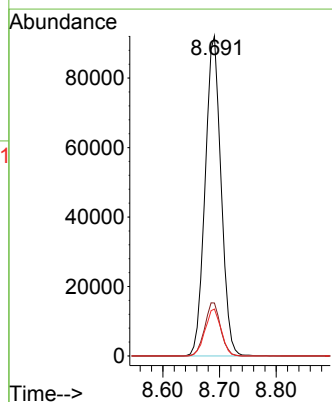
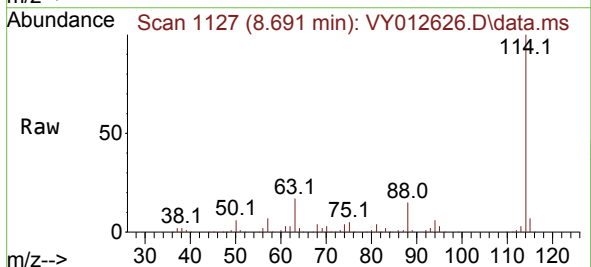
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

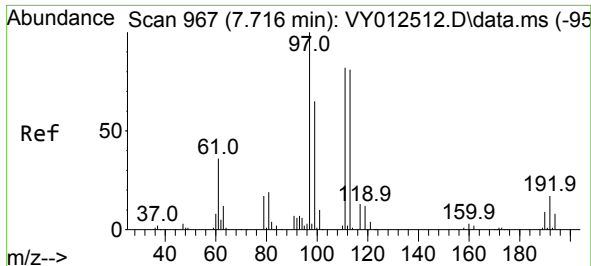
Tgt Ion: 65 Resp: 80632
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012626.D
 Acq: 16 Feb 2023 09:36

Tgt Ion: 114 Resp: 179302
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 33.6
 88 14.6 0.0 29.8

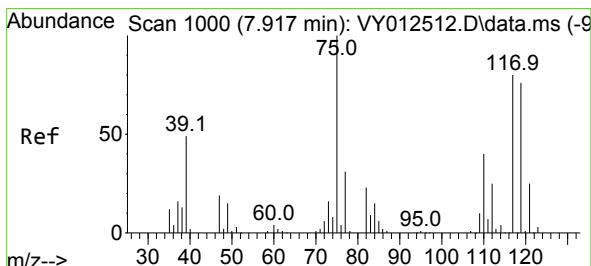
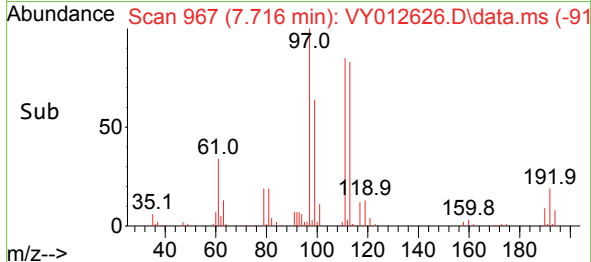
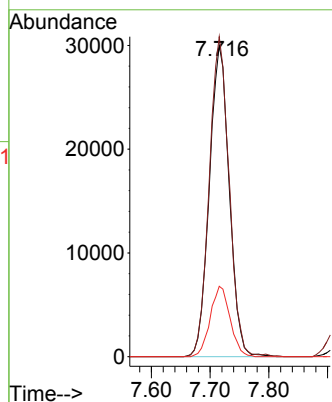
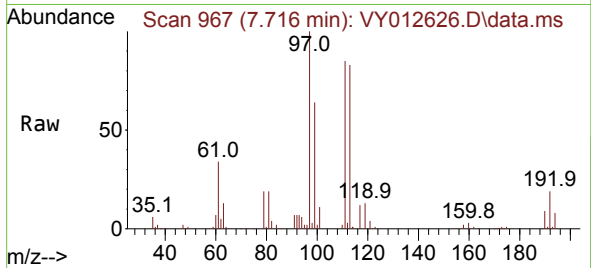




#35
Dibromofluoromethane
Concen: 54.008 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

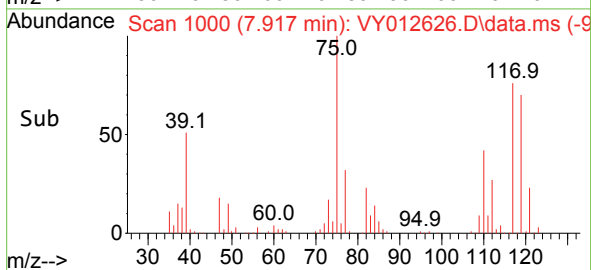
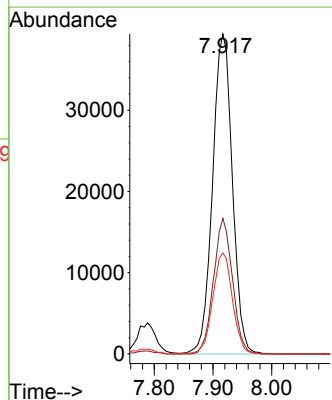
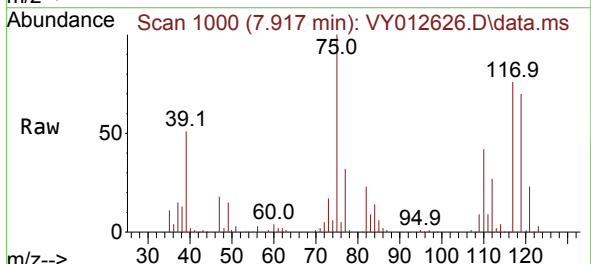
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

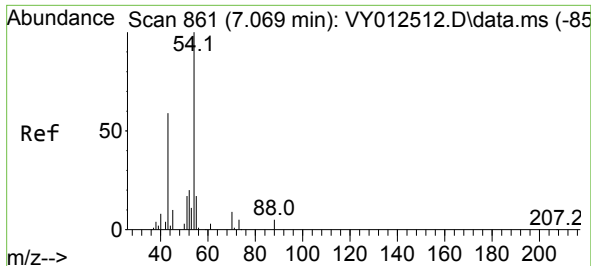
Tgt Ion:113 Resp: 70523
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 22.5 17.5 26.3



#36
1,1-Dichloropropene
Concen: 52.157 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 75 Resp: 92175
Ion Ratio Lower Upper
75 100
110 40.5 19.5 58.5
77 31.5 24.9 37.3

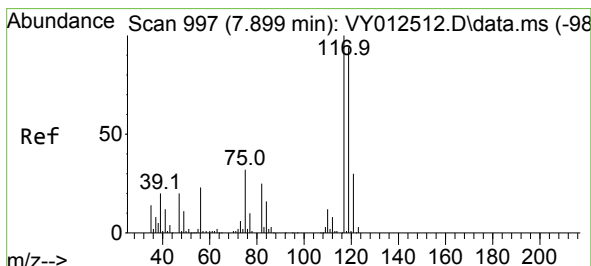
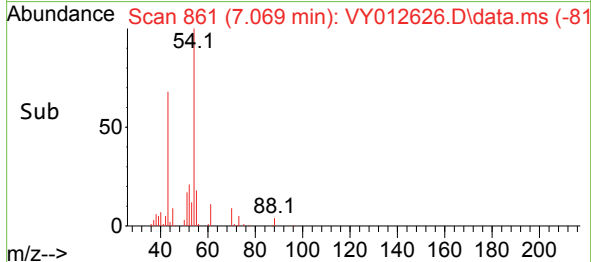
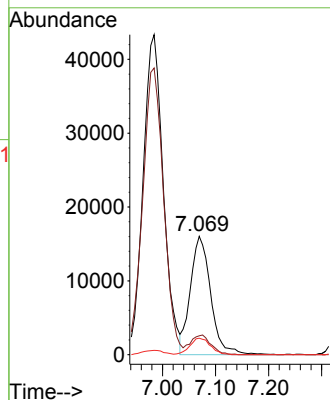
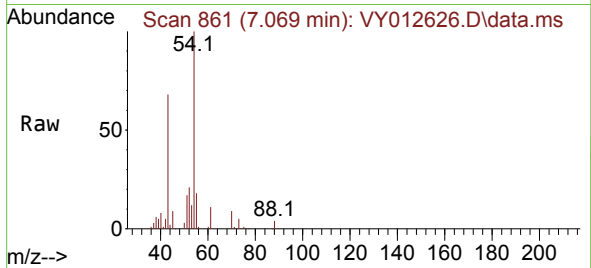




#37
Ethyl Acetate
Concen: 53.637 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

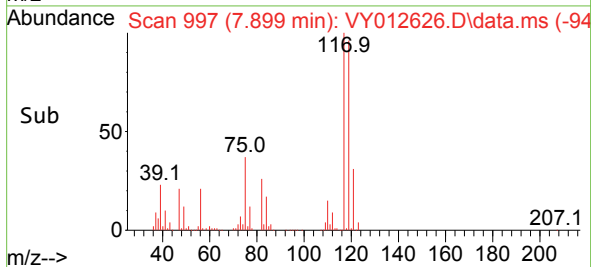
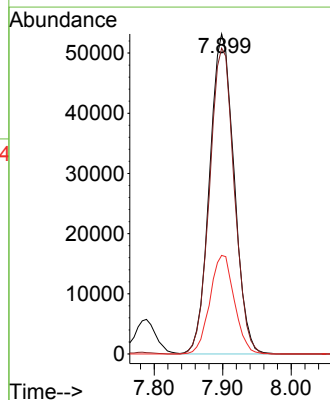
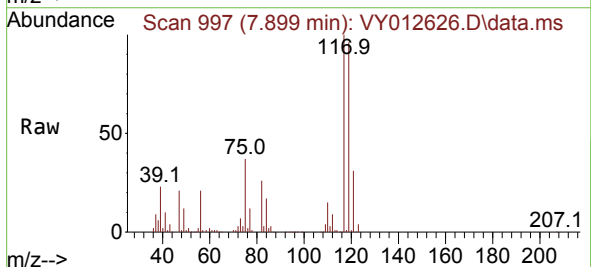
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

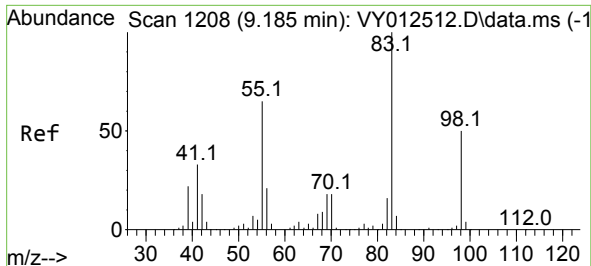
Tgt Ion: 43 Resp: 42772
Ion Ratio Lower Upper
43 100
61 16.8 12.5 18.7
70 14.0 11.0 16.4



#38
Carbon Tetrachloride
Concen: 55.722 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 117 Resp: 132189
Ion Ratio Lower Upper
117 100
119 95.5 75.1 112.7
121 30.8 24.3 36.5





#39

Methylcyclohexane

Concen: 51.653 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

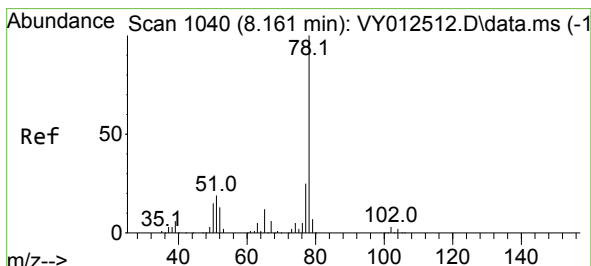
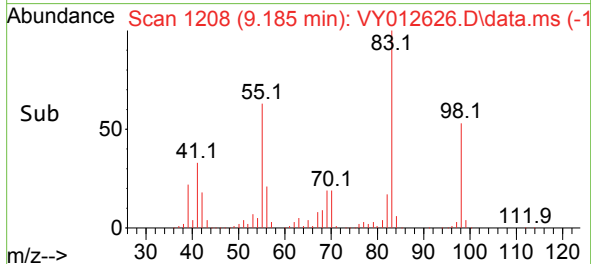
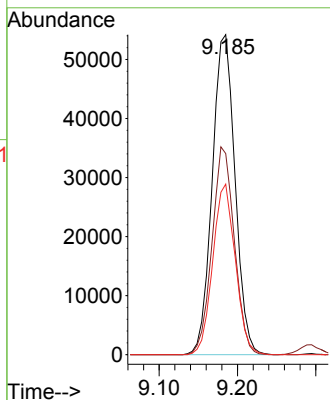
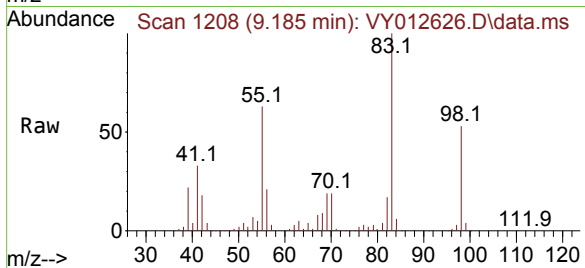
Tgt Ion: 83 Resp: 109842

Ion Ratio Lower Upper

83 100

55 62.9 52.0 78.0

98 53.3 40.4 60.6



#40

Benzene

Concen: 52.927 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012626.D

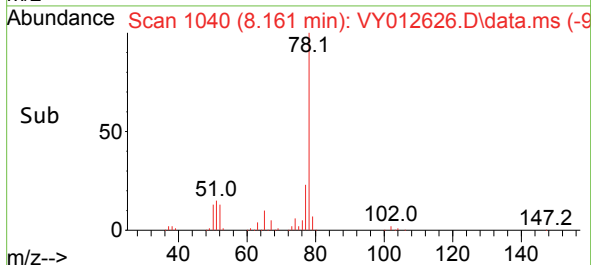
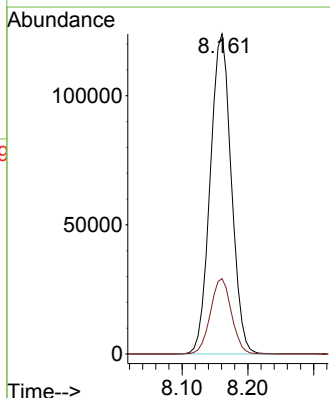
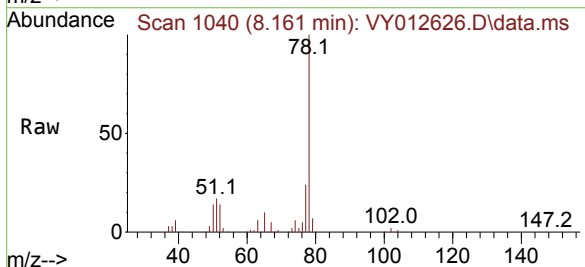
Acq: 16 Feb 2023 09:36

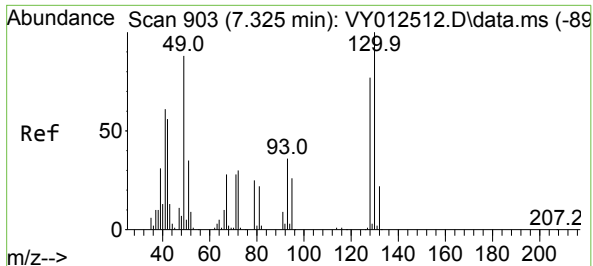
Tgt Ion: 78 Resp: 276263

Ion Ratio Lower Upper

78 100

77 23.6 19.9 29.9

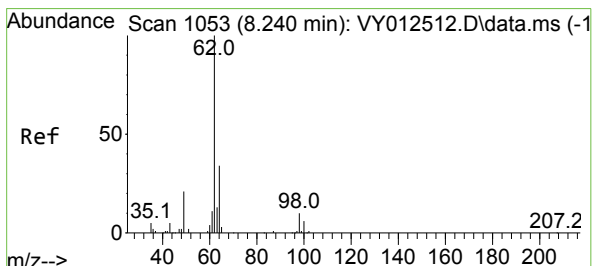
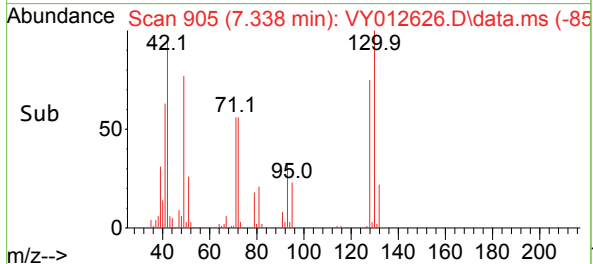
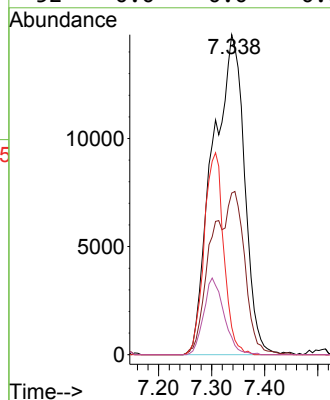
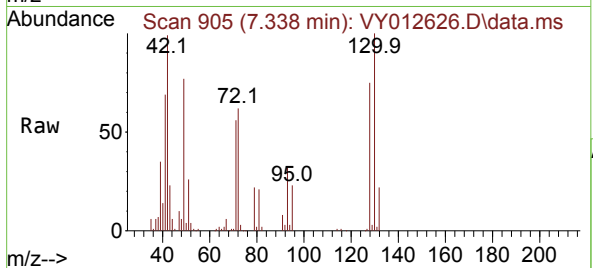




#41
Methacrylonitrile
Concen: 141.143 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

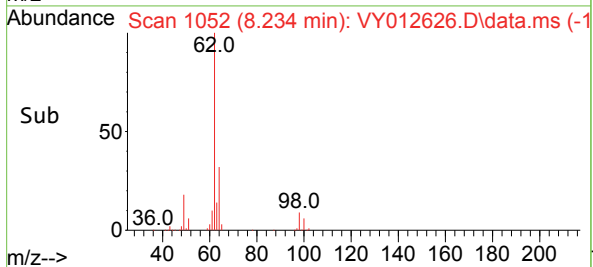
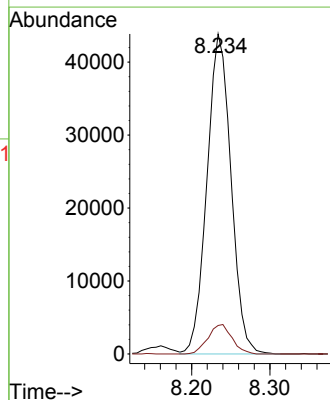
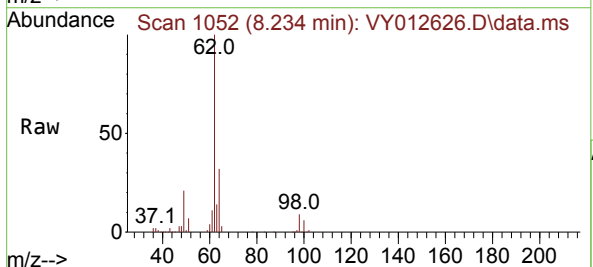
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

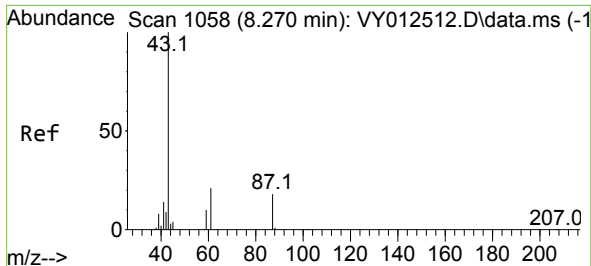
Tgt Ion:	41	Resp:	61663
Ion	Ratio	Lower	Upper
41	100		
39	27.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 55.338 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion:	62	Resp:	93623
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2

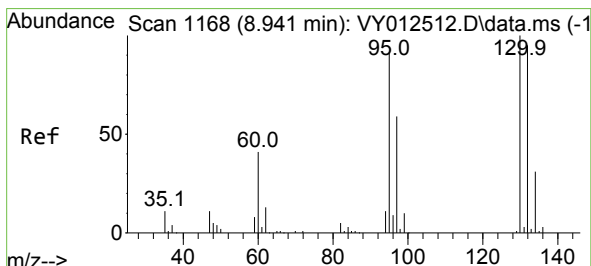
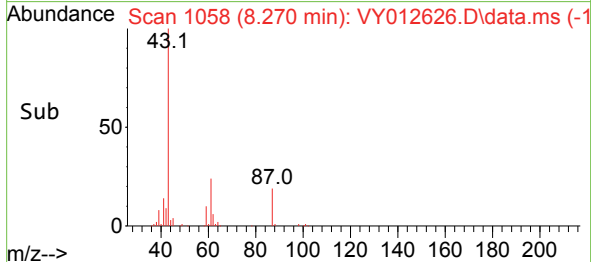
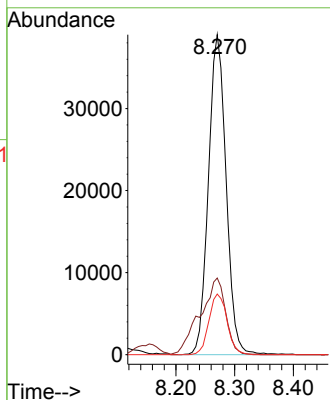
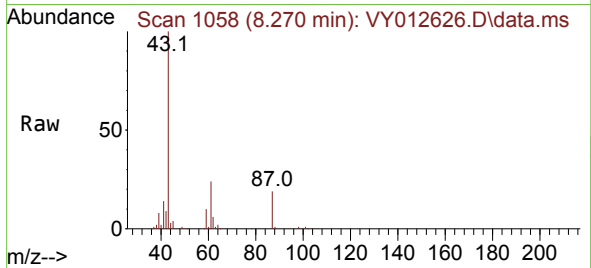




#43
Isopropyl Acetate
Concen: 55.204 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

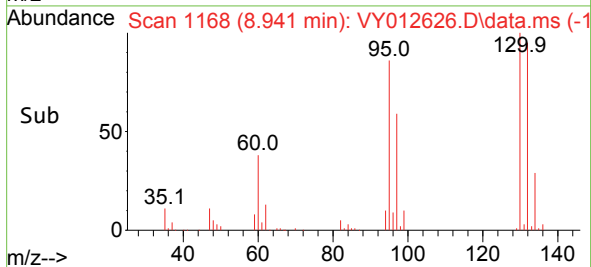
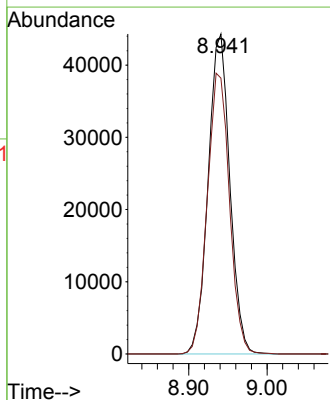
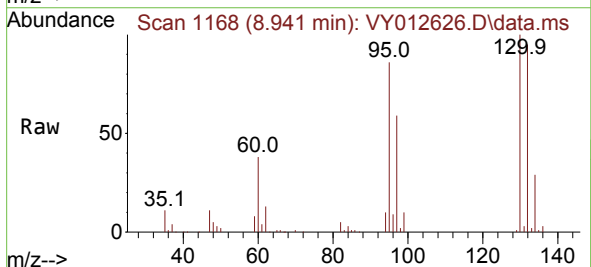
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

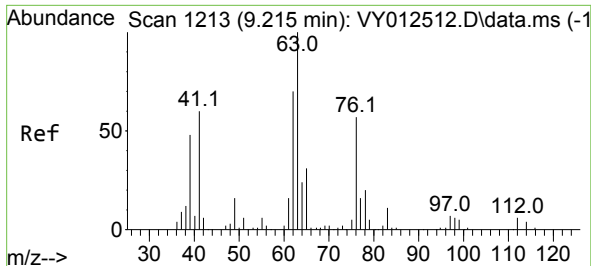
Tgt Ion:	43	Resp:	81620
Ion	Ratio	Lower	Upper
43	100		
61	34.4	27.2	40.8
87	19.4	15.0	22.4



#44
Trichloroethene
Concen: 53.597 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion:	130	Resp:	85162
Ion	Ratio	Lower	Upper
130	100		
95	86.2	0.0	181.2

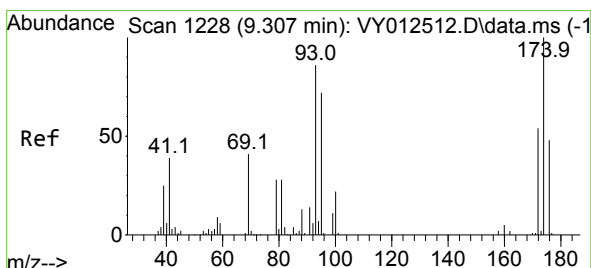
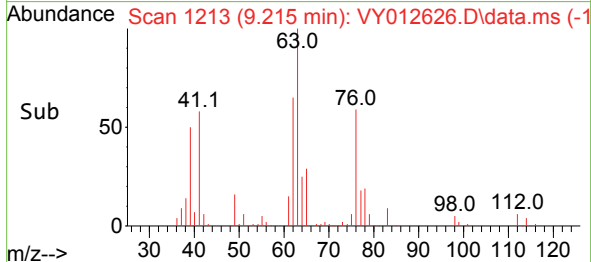
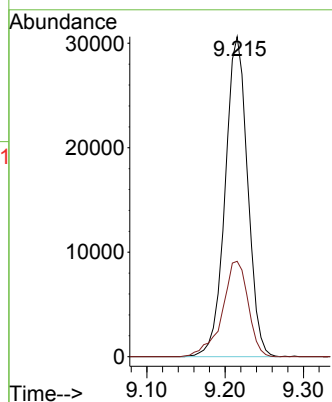
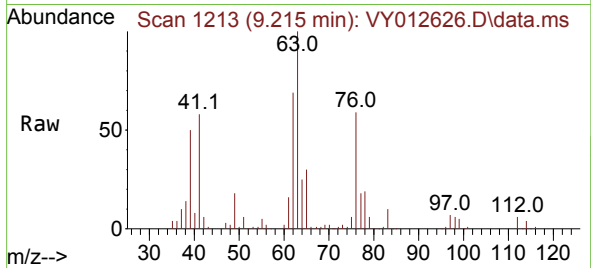




#45
1,2-Dichloropropane
Concen: 53.821 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

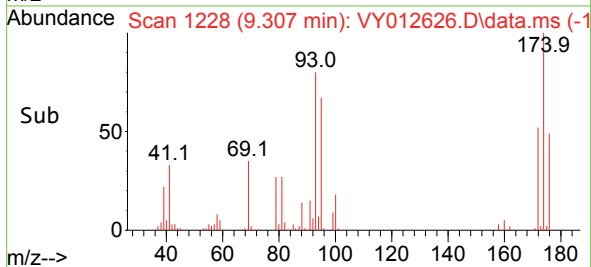
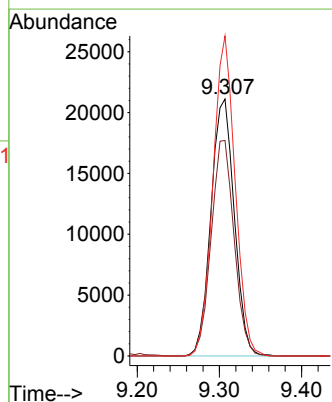
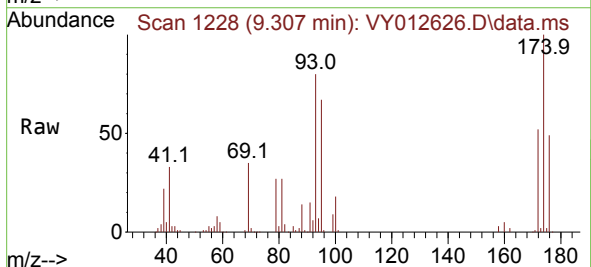
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

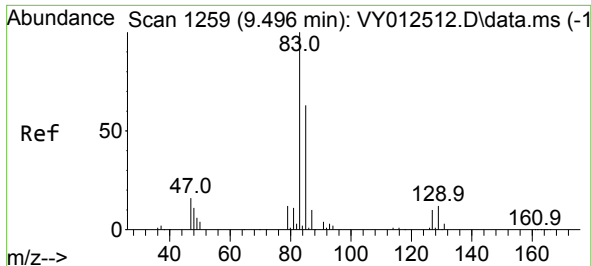
Tgt Ion: 63 Resp: 60916
Ion Ratio Lower Upper
63 100
65 29.8 24.6 37.0



#46
Dibromomethane
Concen: 55.550 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 93 Resp: 41631
Ion Ratio Lower Upper
93 100
95 82.7 65.8 98.8
174 118.3 93.4 140.2

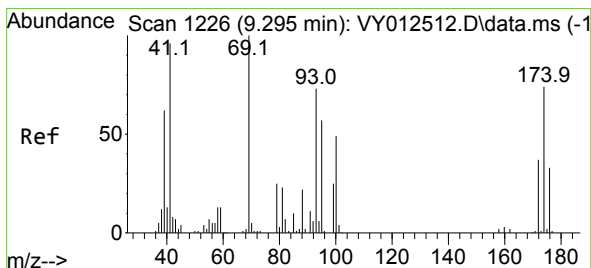
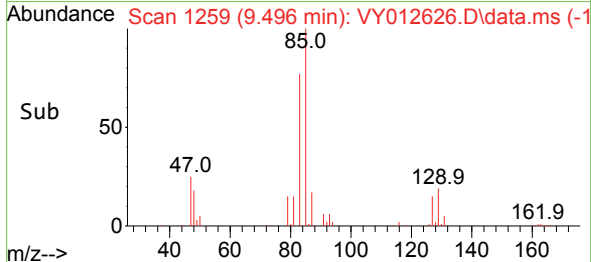
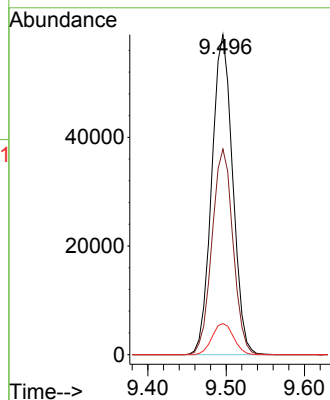
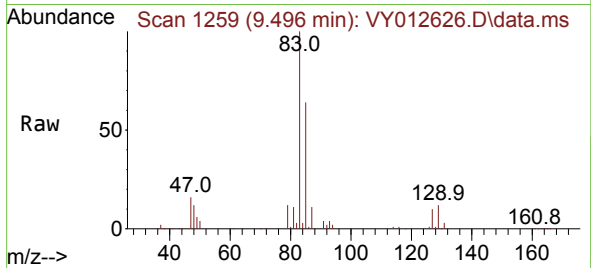




#47
Bromodichloromethane
Concen: 56.104 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

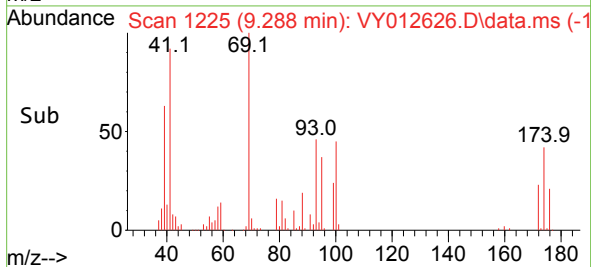
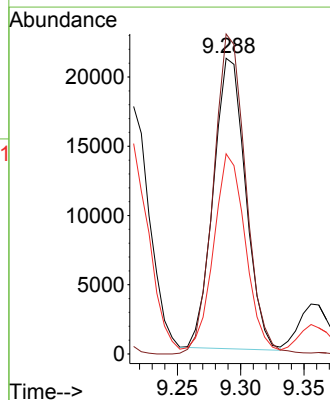
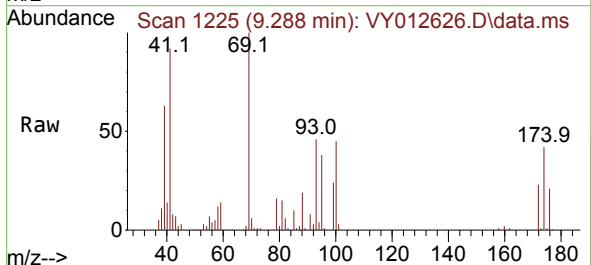
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

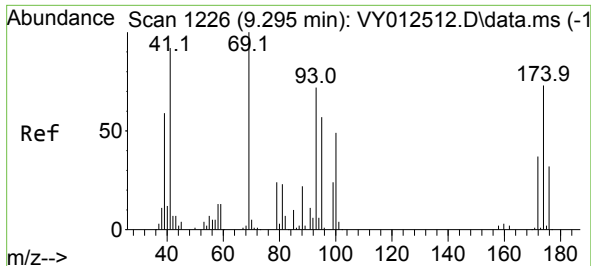
Tgt Ion: 83 Resp: 109020
Ion Ratio Lower Upper
83 100
85 64.2 50.7 76.1
127 9.7 8.1 12.1



#48
Methyl methacrylate
Concen: 54.886 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 41 Resp: 37093
Ion Ratio Lower Upper
41 100
69 110.6 85.4 128.2
39 69.0 52.7 79.1





#49

1,4-Dioxane

Concen: 1245.658 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

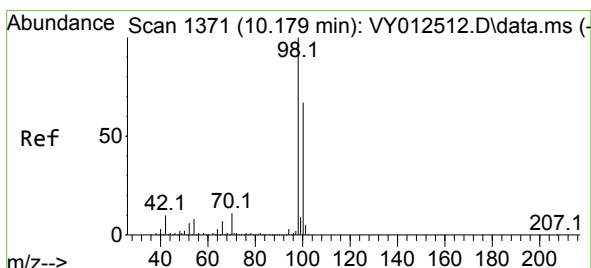
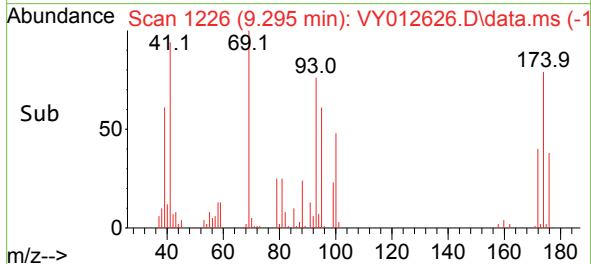
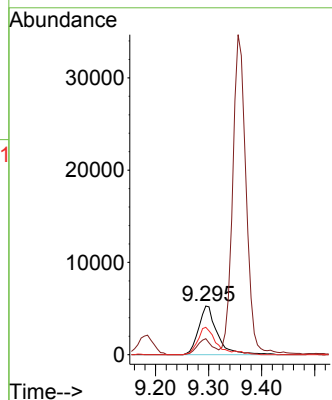
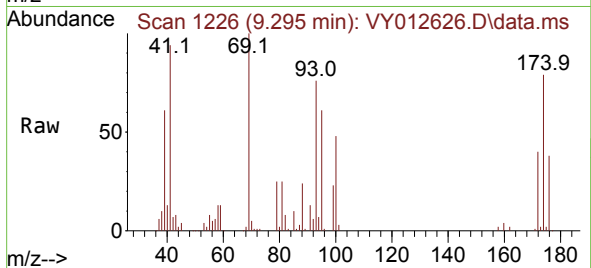
Tgt Ion: 88 Resp: 12887

Ion Ratio Lower Upper

88 100

43 26.5 22.6 33.8

58 53.0 45.4 68.0



#50

Toluene-d8

Concen: 52.955 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012626.D

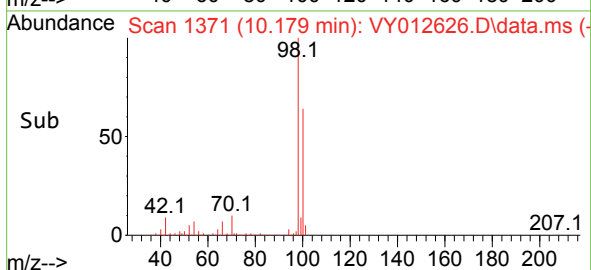
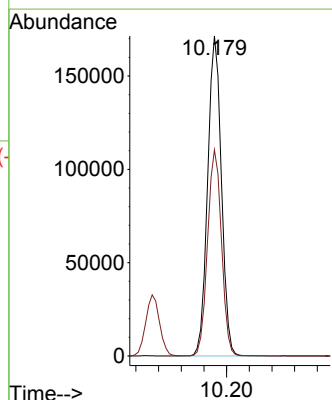
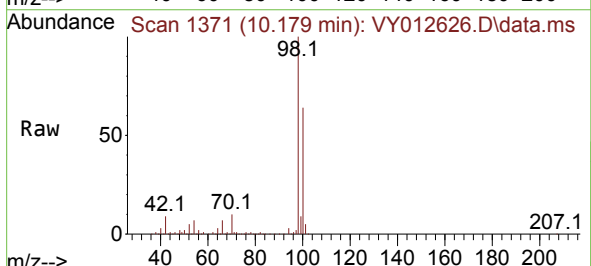
Acq: 16 Feb 2023 09:36

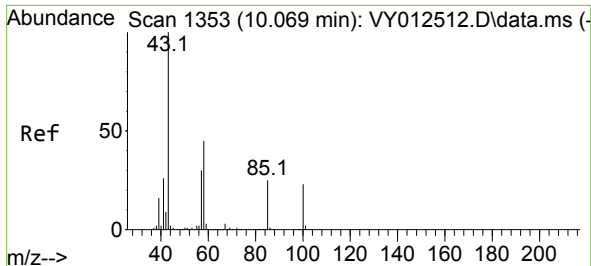
Tgt Ion: 98 Resp: 287811

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

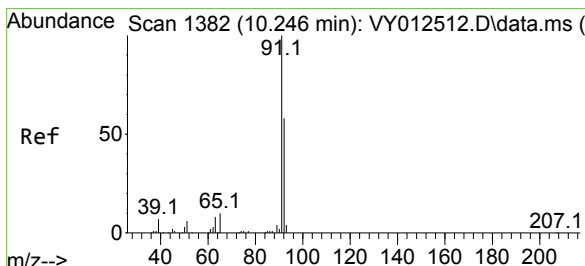
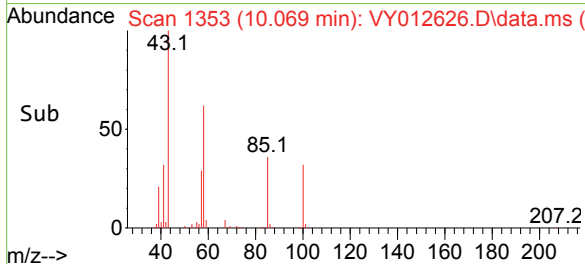
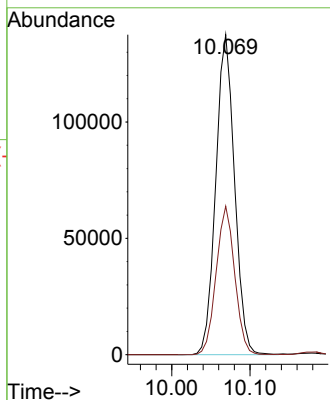
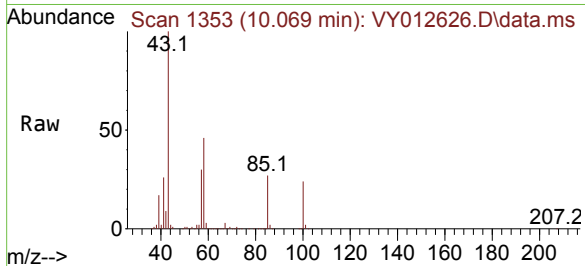




#51
4-Methyl-2-Pentanone
Concen: 287.179 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

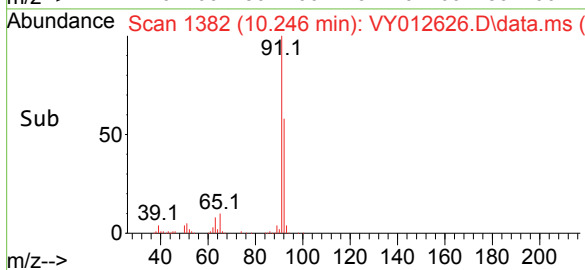
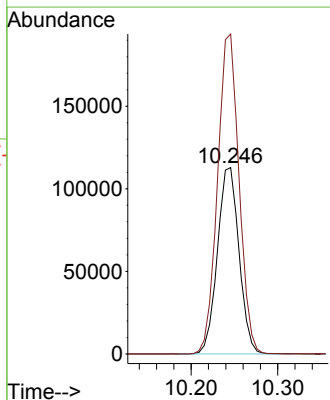
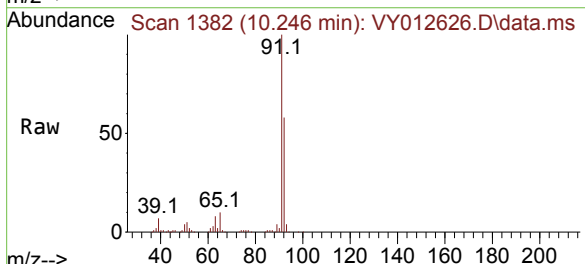
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

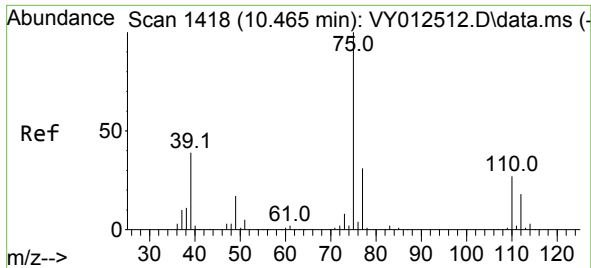
Tgt Ion: 43 Resp: 229085
Ion Ratio Lower Upper
43 100
58 46.0 36.2 54.2



#52
Toluene
Concen: 55.217 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 92 Resp: 195451
Ion Ratio Lower Upper
92 100
91 170.7 137.2 205.8

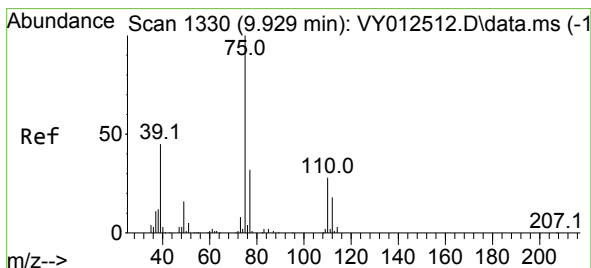
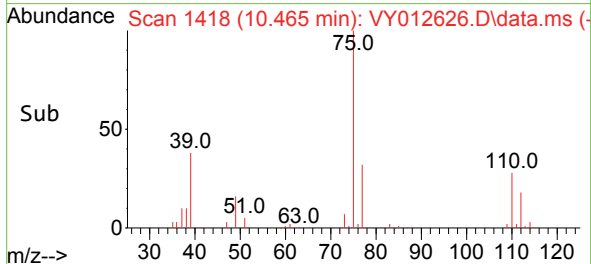
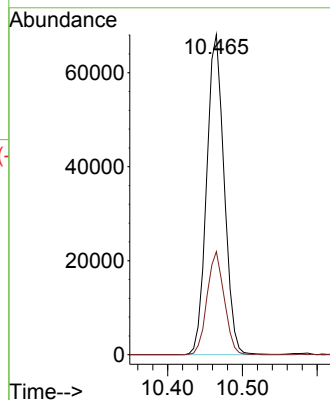
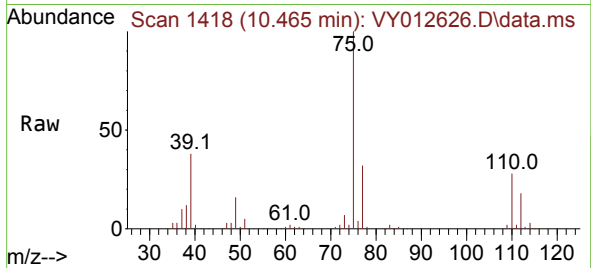




#53
t-1,3-Dichloropropene
Concen: 56.477 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

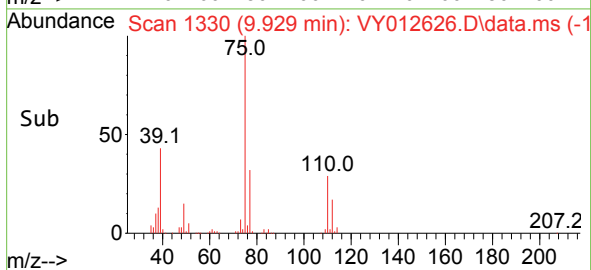
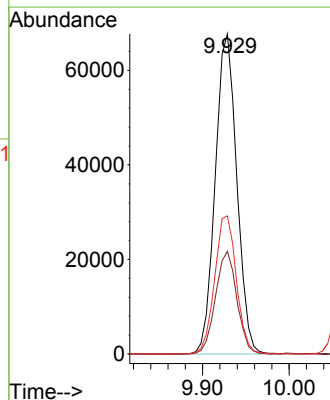
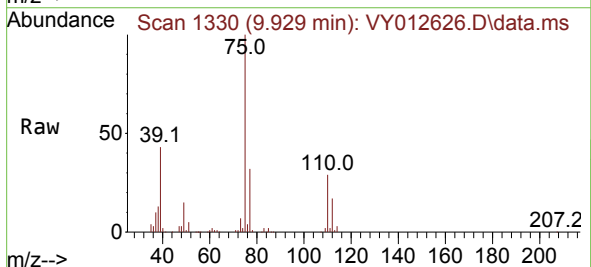
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

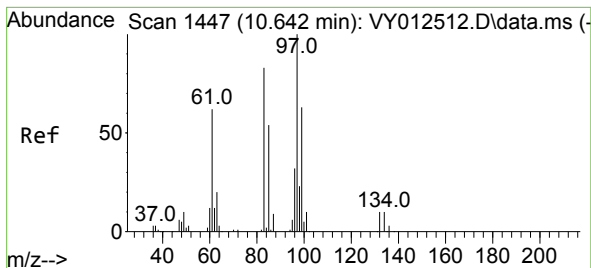
Tgt Ion: 75 Resp: 110586
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 55.206 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 75 Resp: 116978
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
39 43.2 36.0 54.0

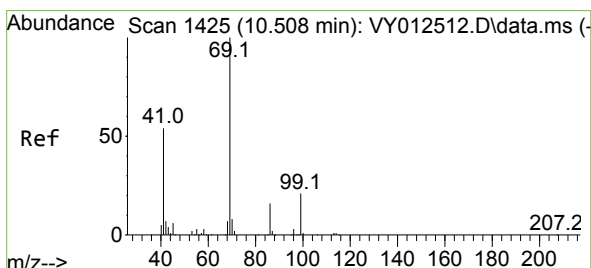
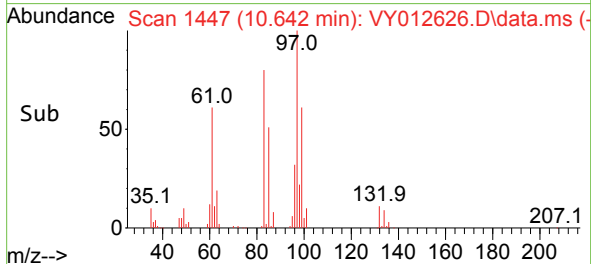
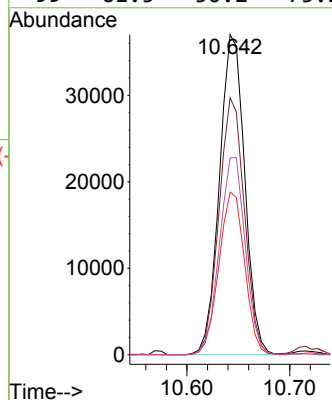
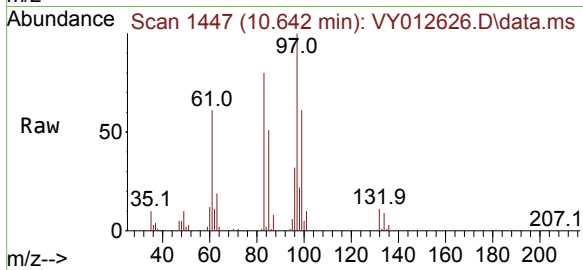




#55
1,1,2-Trichloroethane
Concen: 57.759 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

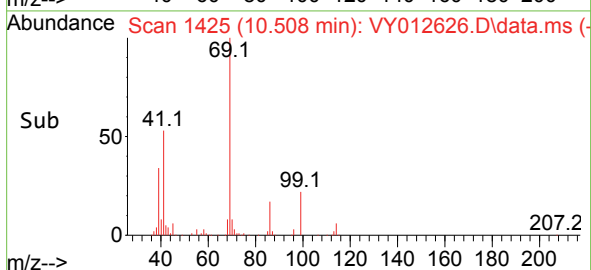
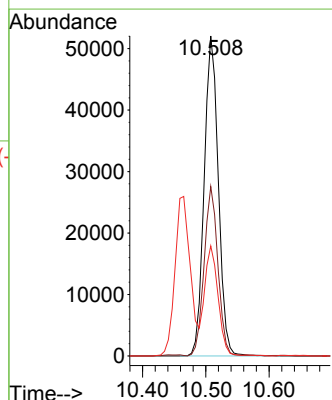
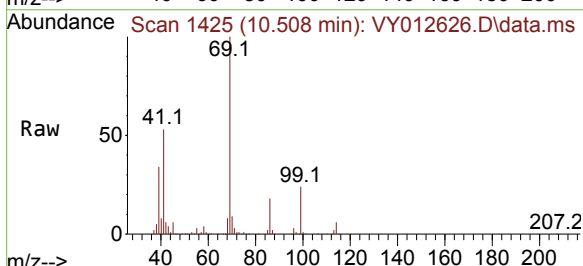
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

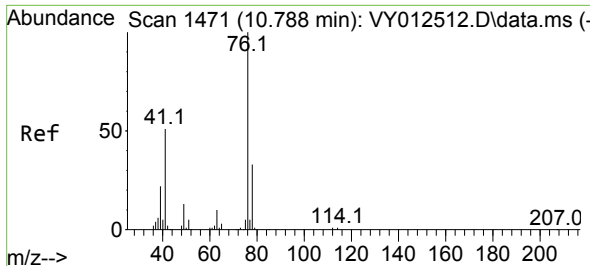
Tgt Ion:	97	Resp:	63249
Ion	Ratio	Lower	Upper
97	100		
83	80.3	66.0	99.0
85	50.8	43.1	64.7
99	61.5	50.2	75.2



#56
Ethyl methacrylate
Concen: 58.990 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion:	69	Resp:	81158
Ion	Ratio	Lower	Upper
69	100		
41	51.9	43.4	65.2
39	31.9	26.5	39.7

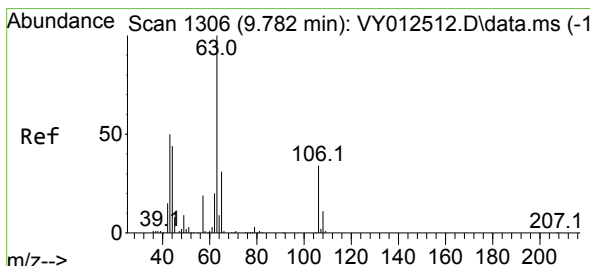
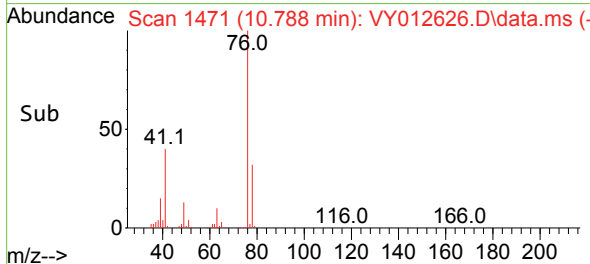
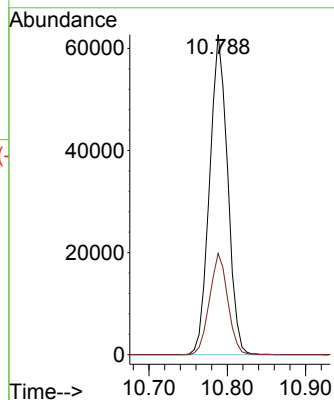
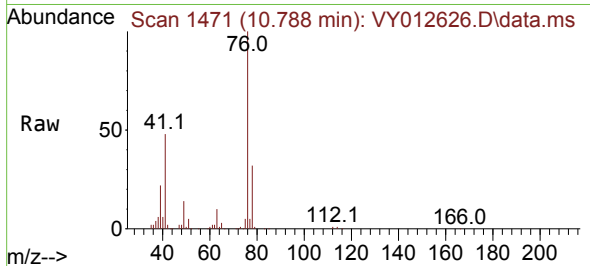




#57
 1,3-Dichloropropane
 Concen: 56.578 ug/l
 RT: 10.788 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VY012626.D
 Acq: 16 Feb 2023 09:36

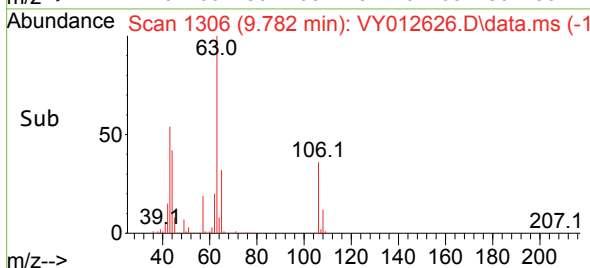
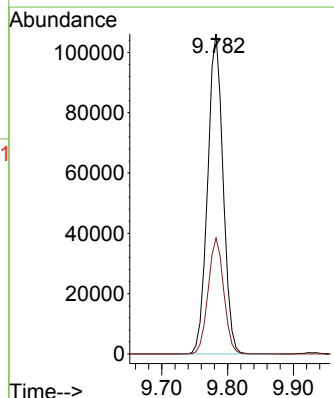
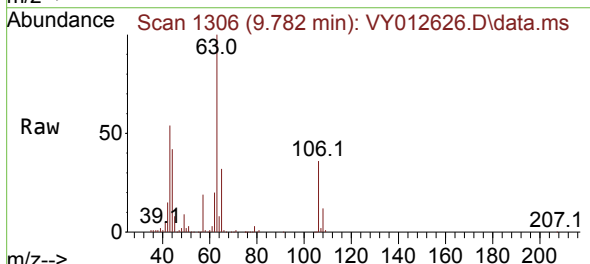
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

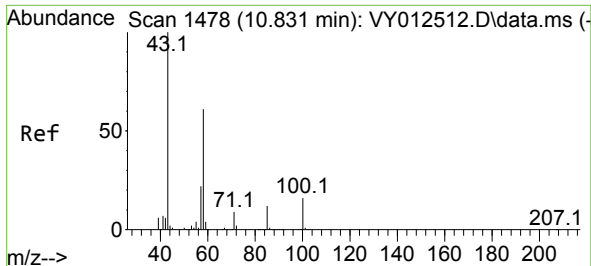
Tgt Ion: 76 Resp: 99992
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.6 39.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.942 ug/l
 RT: 9.782 min Scan# 1306
 Delta R.T. -0.000 min
 Lab File: VY012626.D
 Acq: 16 Feb 2023 09:36

Tgt Ion: 63 Resp: 173113
 Ion Ratio Lower Upper
 63 100
 106 36.5 28.0 42.0

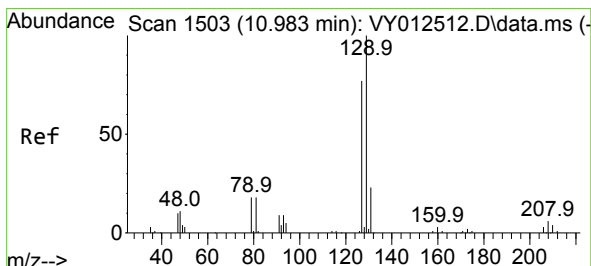
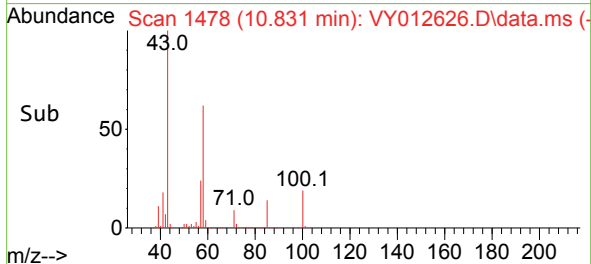
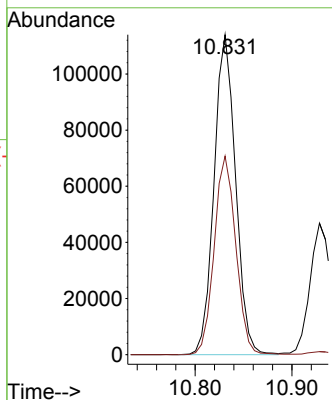
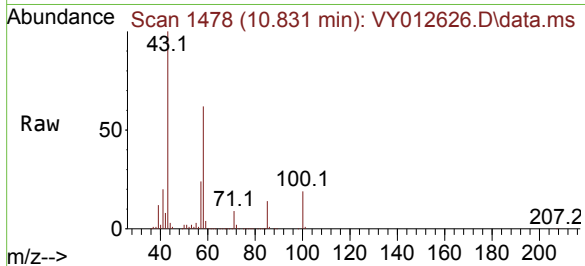




#59
2-Hexanone
Concen: 292.065 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

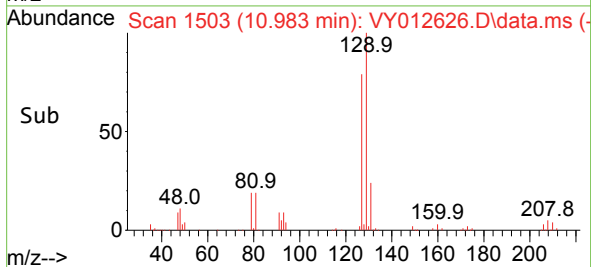
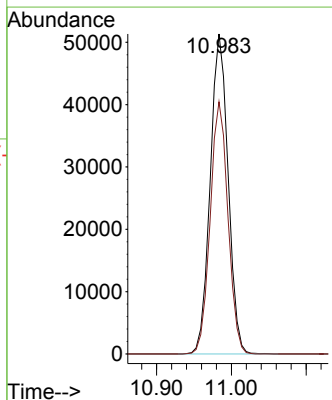
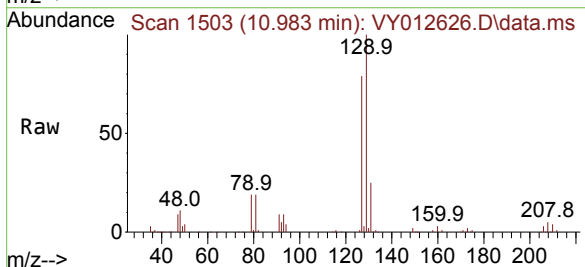
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

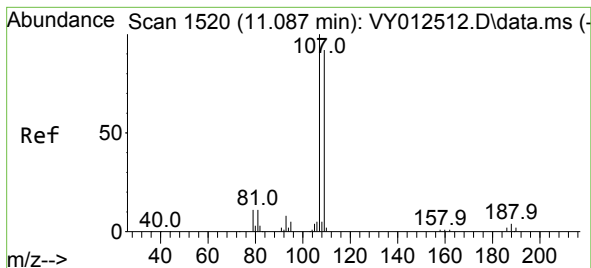
Tgt Ion: 43 Resp: 176068
Ion Ratio Lower Upper
43 100
58 62.4 30.9 92.5



#60
Dibromochloromethane
Concen: 58.437 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 129 Resp: 85301
Ion Ratio Lower Upper
129 100
127 78.2 38.0 114.1





#61

1,2-Dibromoethane

Concen: 56.436 ug/l

RT: 11.087 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

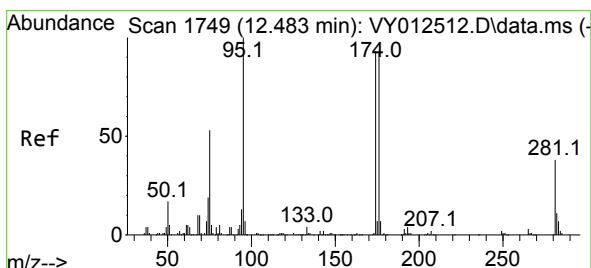
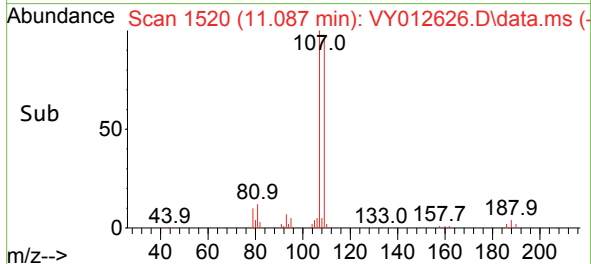
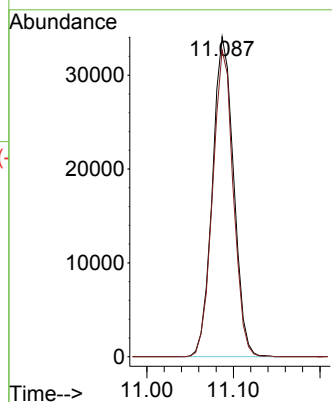
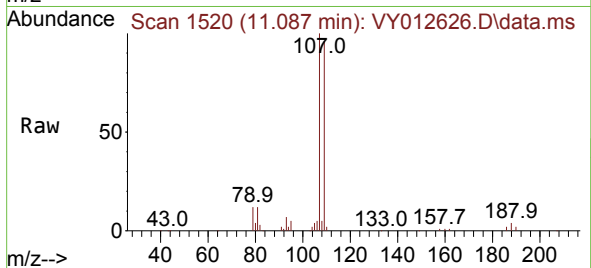
VSTDCCC050

Tgt Ion:107 Resp: 57906

Ion Ratio Lower Upper

107 100

109 93.4 74.2 111.2



#62

4-Bromofluorobenzene

Concen: 53.669 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

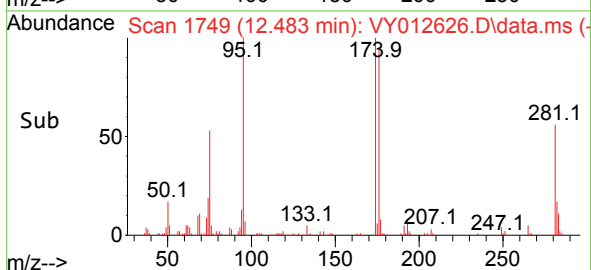
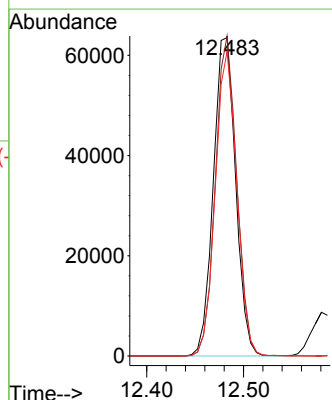
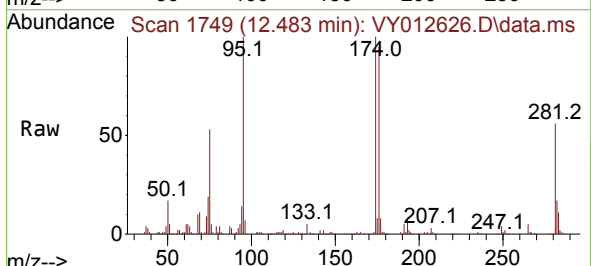
Tgt Ion: 95 Resp: 101744

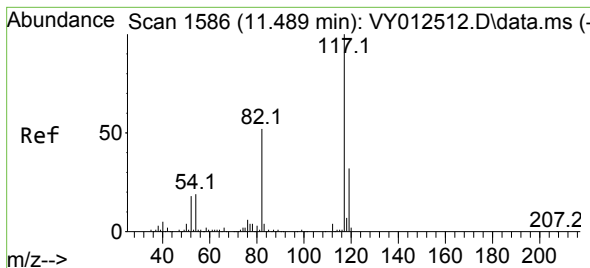
Ion Ratio Lower Upper

95 100

174 96.0 0.0 188.0

176 92.3 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

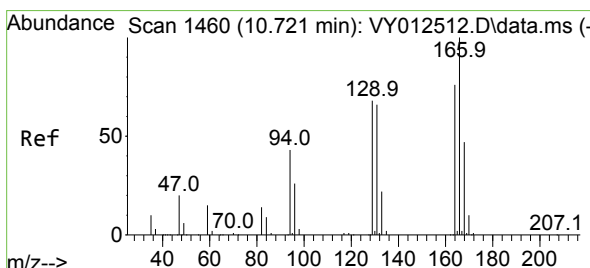
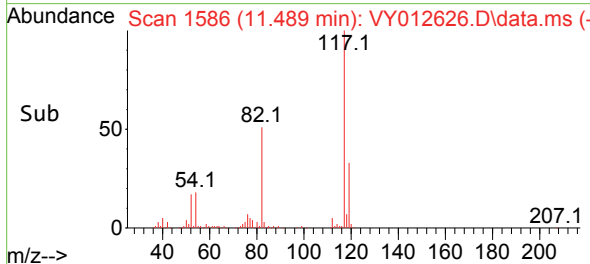
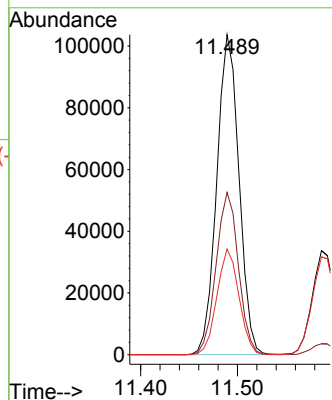
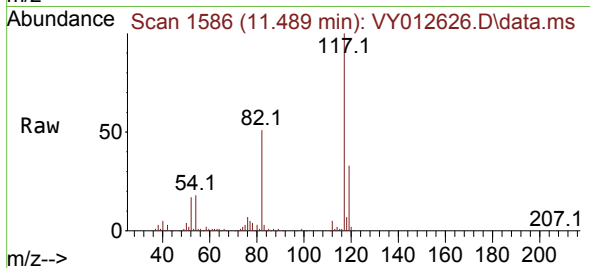
Tgt Ion:117 Resp: 165409

Ion Ratio Lower Upper

117 100

82 50.7 41.7 62.5

119 33.1 25.8 38.8



#64

Tetrachloroethene

Concen: 50.329 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Tgt Ion:164 Resp: 86912

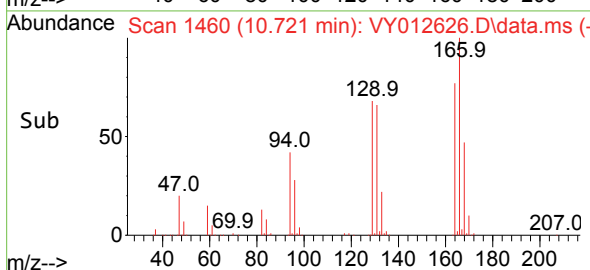
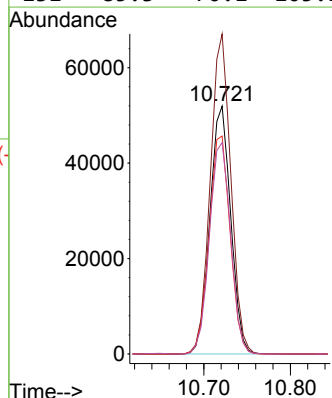
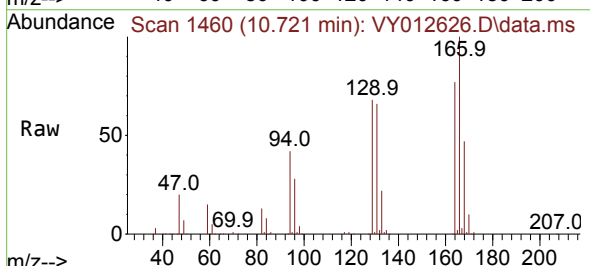
Ion Ratio Lower Upper

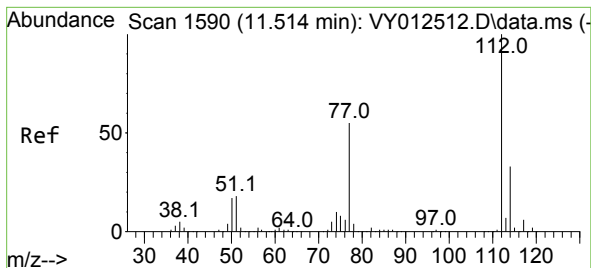
164 100

166 129.1 105.7 158.5

129 87.9 71.8 107.6

131 85.3 70.1 105.1

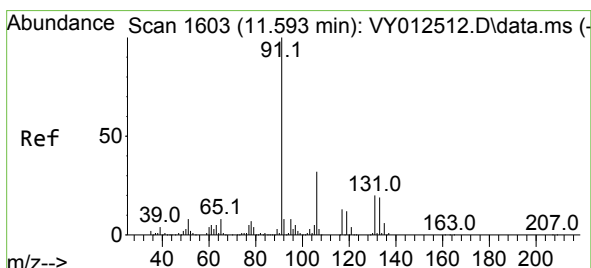
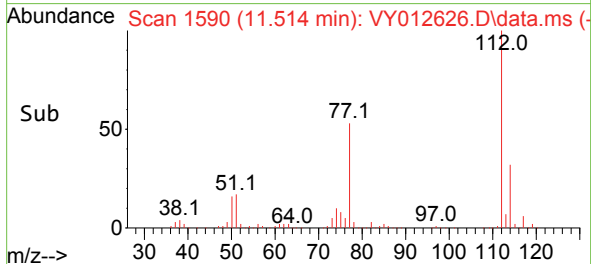
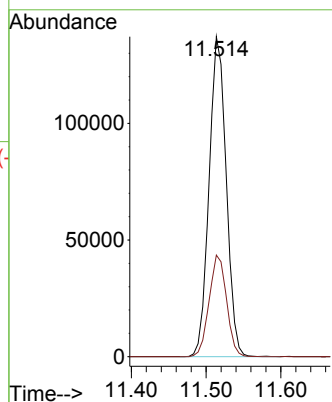
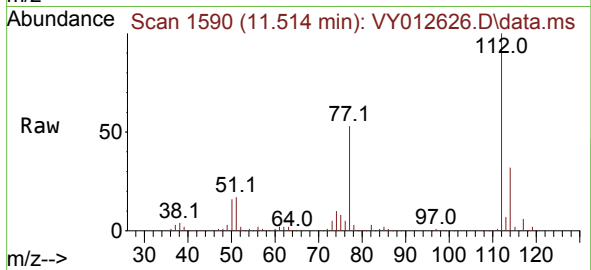




#65
Chlorobenzene
Concen: 55.803 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

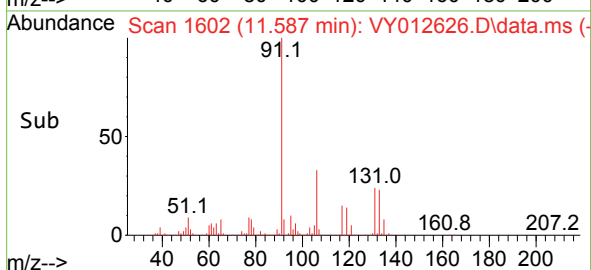
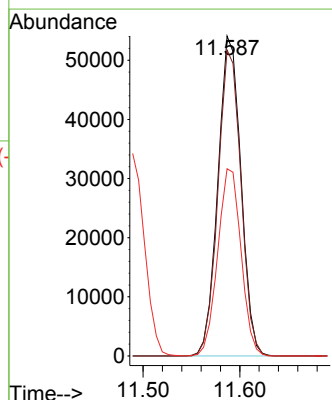
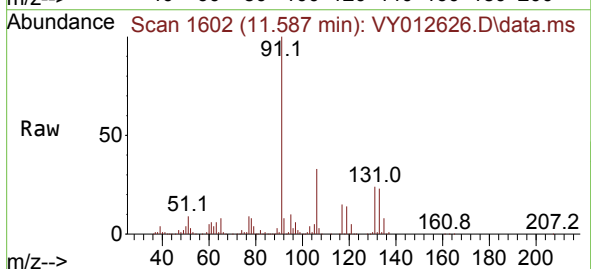
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

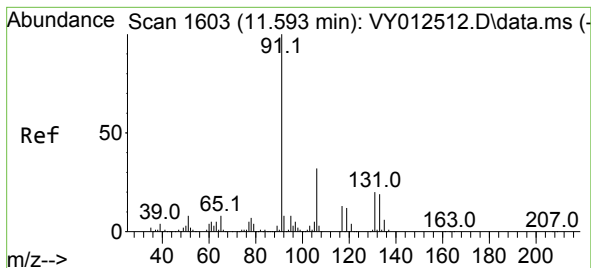
Tgt Ion:112 Resp: 218927
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 58.153 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion:131 Resp: 89405
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 59.4 30.7 92.1





#67

Ethyl Benzene

Concen: 55.992 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

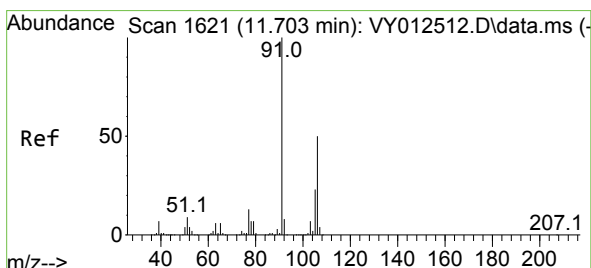
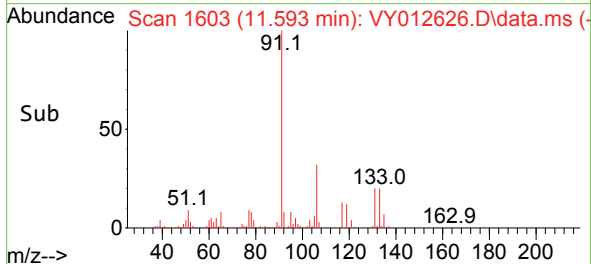
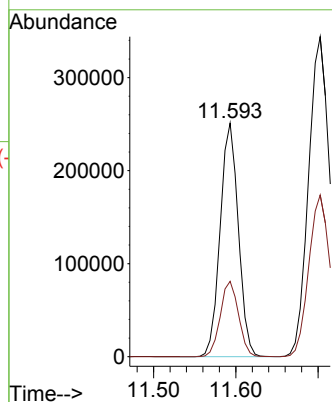
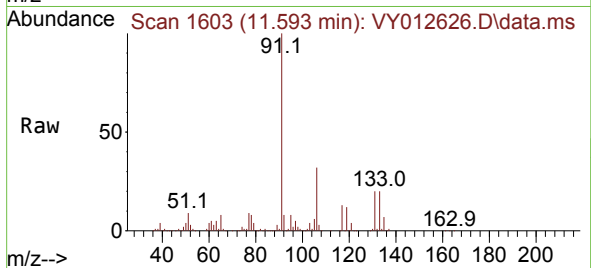
VSTDCCC050

Tgt Ion: 91 Resp: 385644

Ion Ratio Lower Upper

91 100

106 32.3 25.6 38.4



#68

m/p-Xylenes

Concen: 113.084 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012626.D

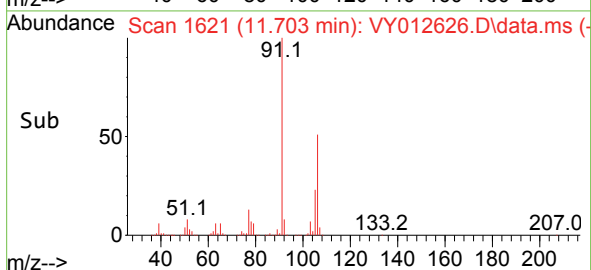
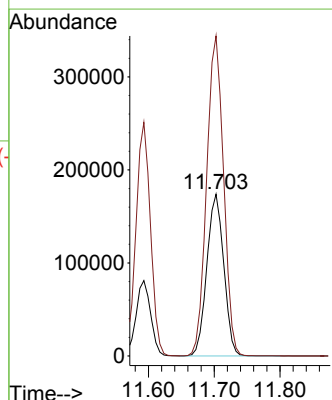
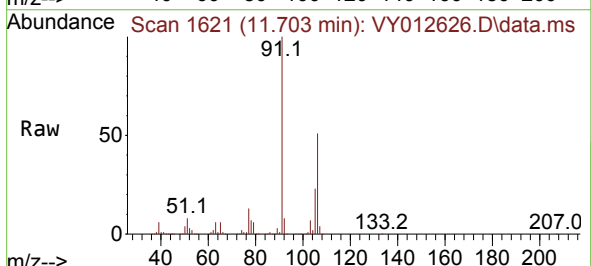
Acq: 16 Feb 2023 09:36

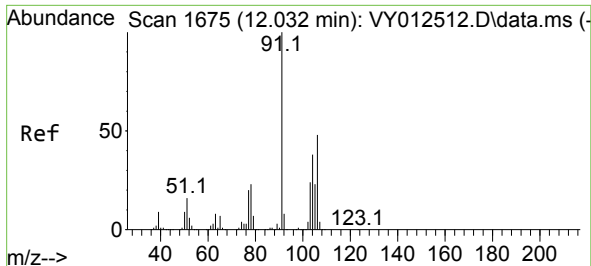
Tgt Ion: 106 Resp: 310894

Ion Ratio Lower Upper

106 100

91 197.9 160.3 240.5

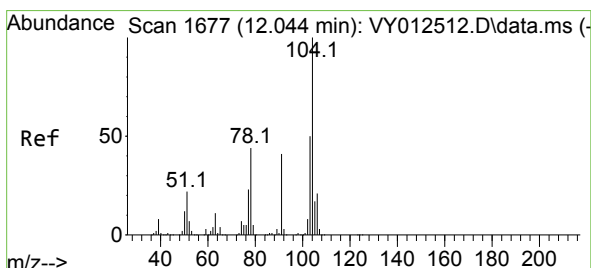
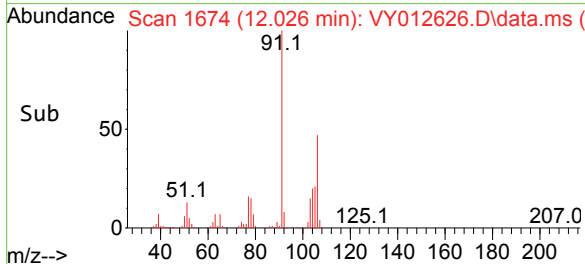
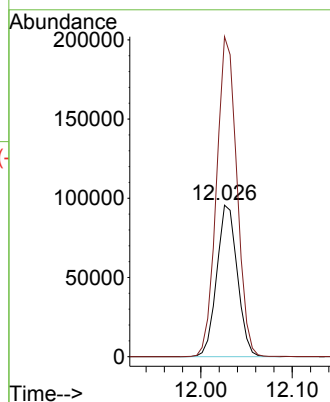
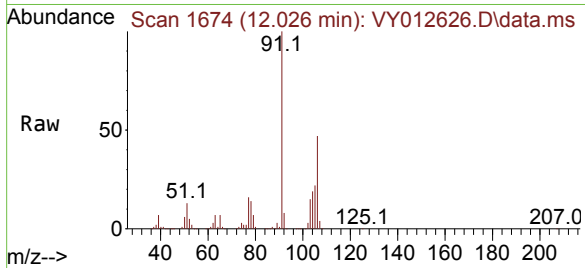




#69
o-Xylene
Concen: 57.211 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

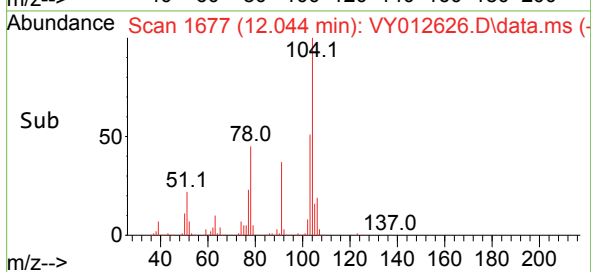
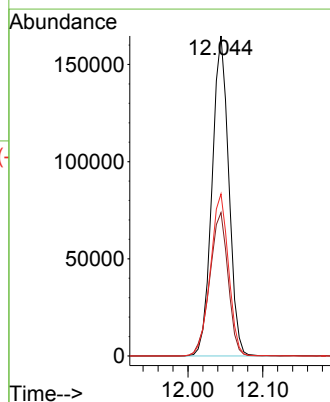
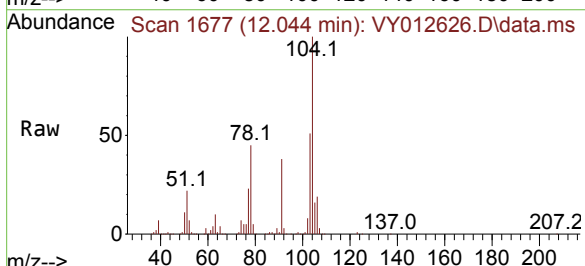
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

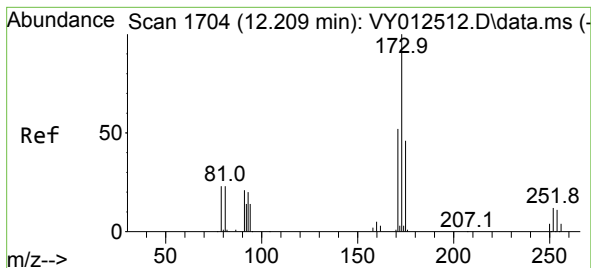
Tgt Ion:106 Resp: 149789
Ion Ratio Lower Upper
106 100
91 208.7 104.2 312.5



#70
Styrene
Concen: 57.659 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion:104 Resp: 256024
Ion Ratio Lower Upper
104 100
78 49.1 39.4 59.2
103 55.0 43.8 65.8





#71

Bromoform

Concen: 59.938 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

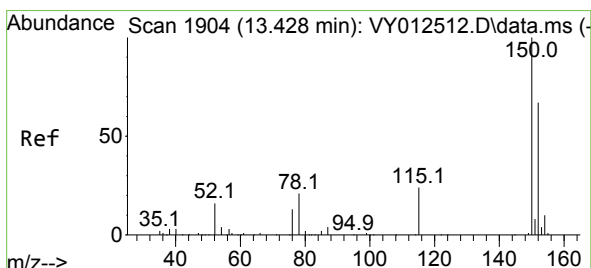
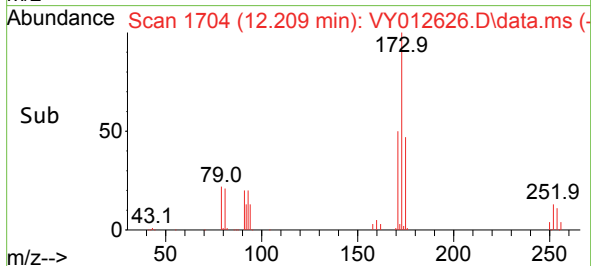
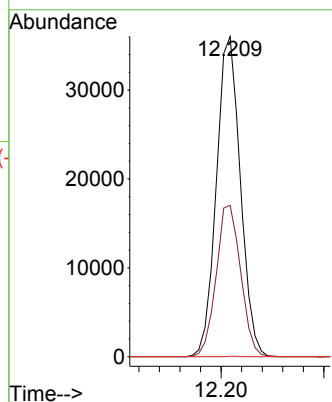
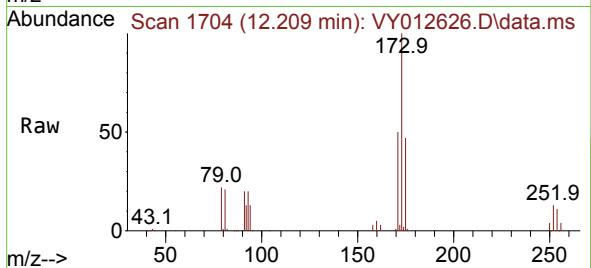
Tgt Ion:173 Resp: 58245

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

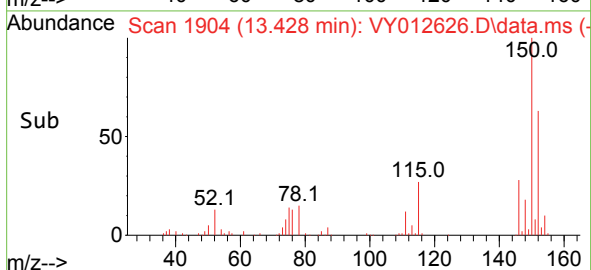
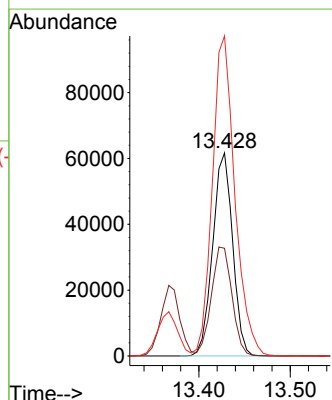
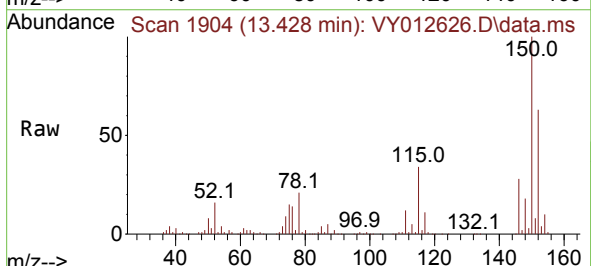
Tgt Ion:152 Resp: 93494

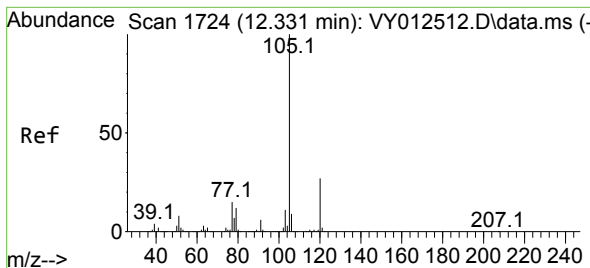
Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.3

150 177.7 0.0 351.0





#73

Isopropylbenzene

Concen: 54.028 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

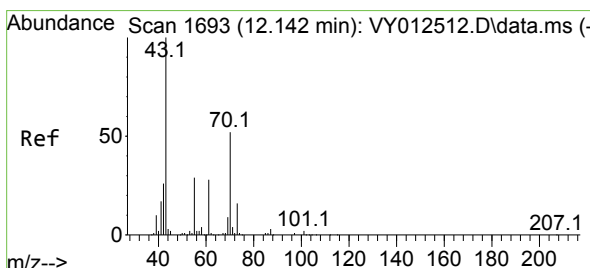
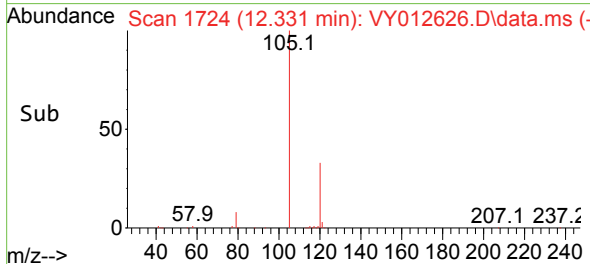
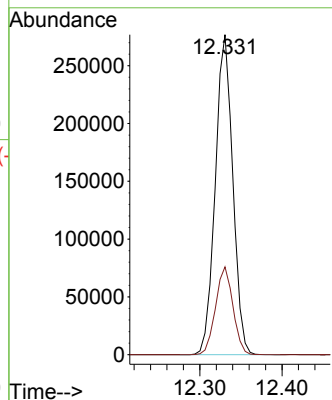
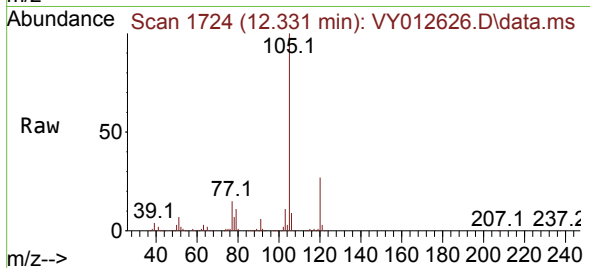
VSTDCCC050

Tgt Ion:105 Resp: 408677

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 54.251 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Tgt Ion: 43 Resp: 74285

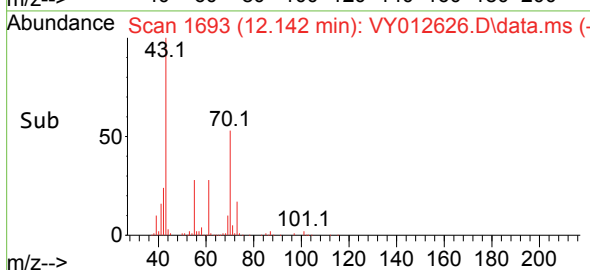
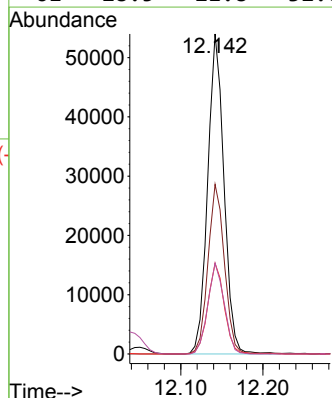
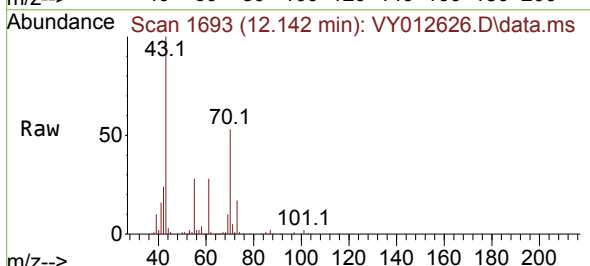
Ion Ratio Lower Upper

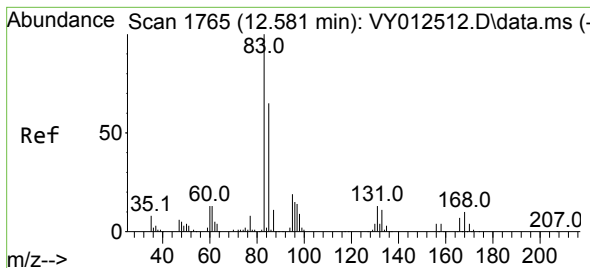
43 100

70 53.6 41.0 61.6

55 28.7 22.9 34.3

61 28.5 21.8 32.6

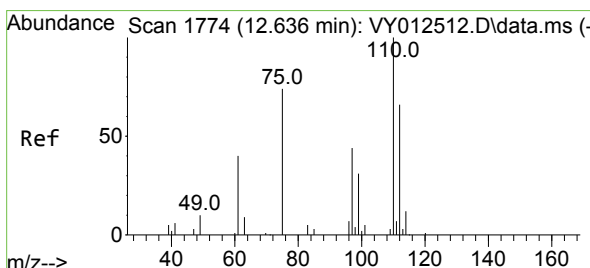
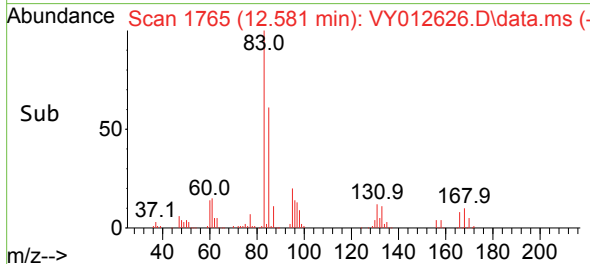
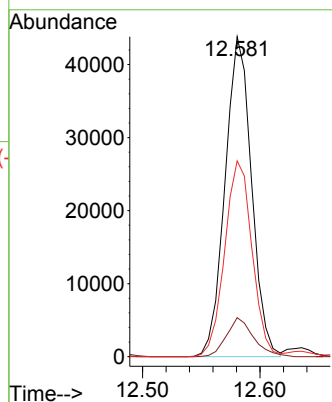
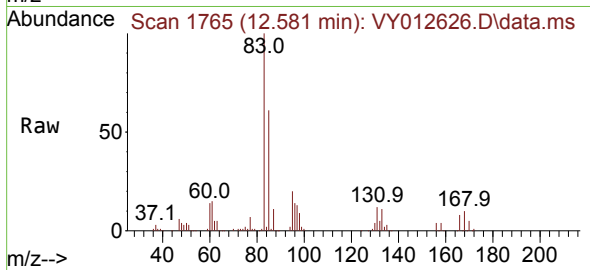




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.128 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY012626.D
 Acq: 16 Feb 2023 09:36

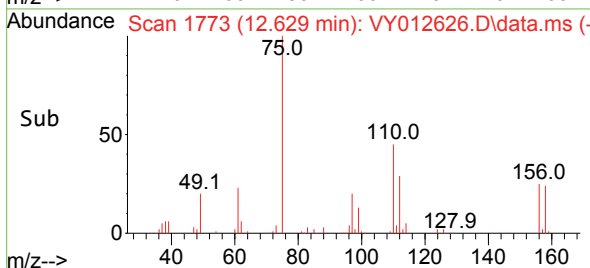
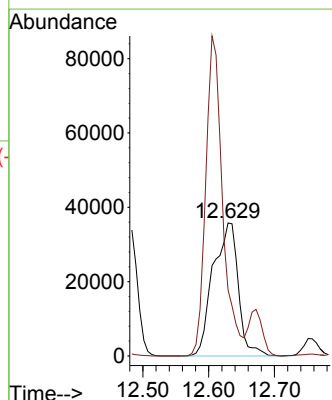
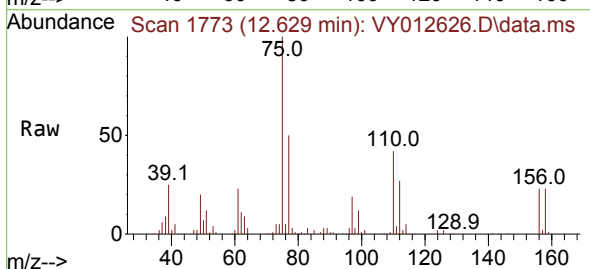
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

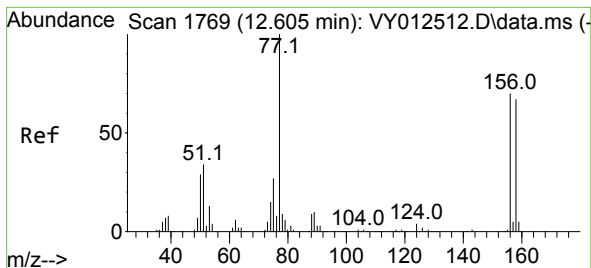
Tgt Ion: 83 Resp: 68650
 Ion Ratio Lower Upper
 83 100
 131 12.5 6.5 19.4
 85 63.1 33.0 99.0



#76
 1,2,3-Trichloropropane
 Concen: 91.345 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY012626.D
 Acq: 16 Feb 2023 09:36

Tgt Ion: 75 Resp: 95414
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.364 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

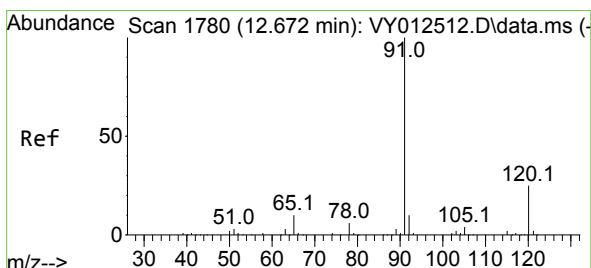
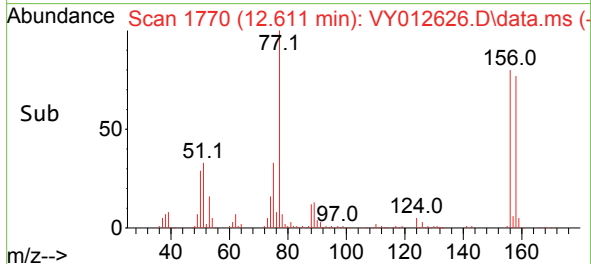
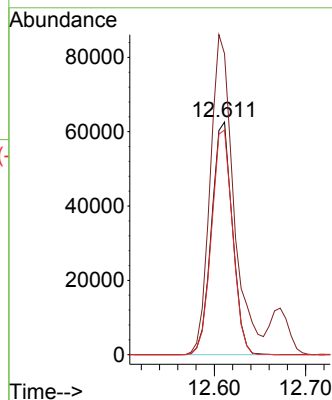
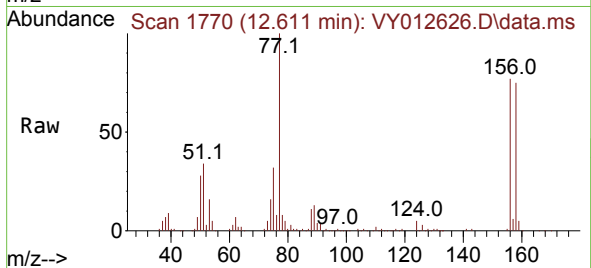
Tgt Ion:156 Resp: 99671

Ion Ratio Lower Upper

156 100

77 154.7 80.6 241.8

158 97.3 49.1 147.3



#78

n-propylbenzene

Concen: 53.726 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012626.D

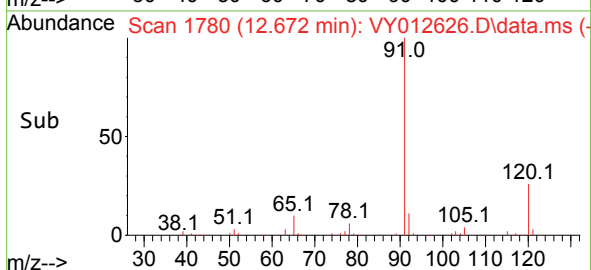
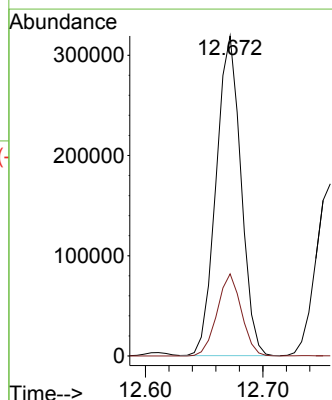
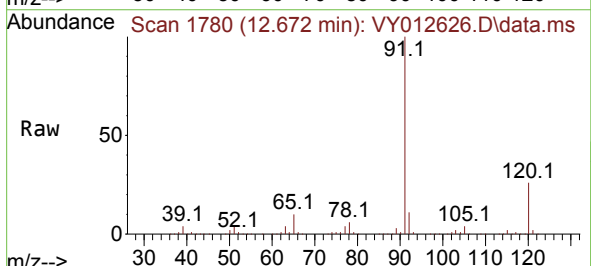
Acq: 16 Feb 2023 09:36

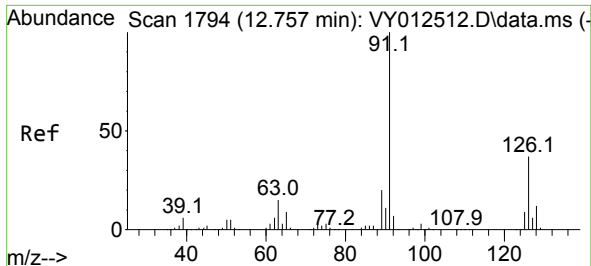
Tgt Ion: 91 Resp: 467759

Ion Ratio Lower Upper

91 100

120 25.0 12.4 37.4

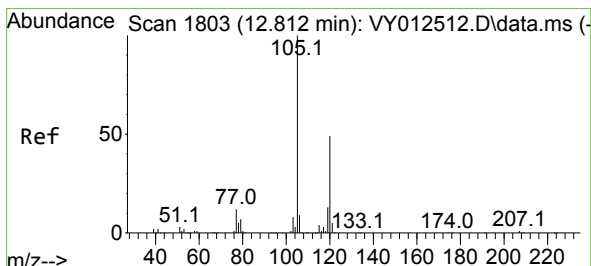
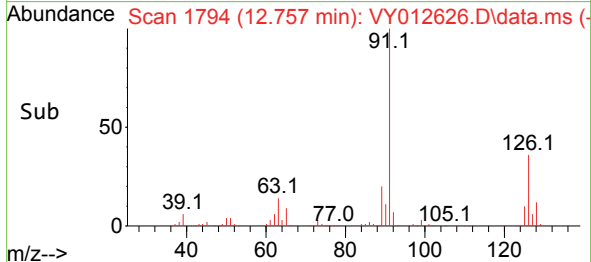
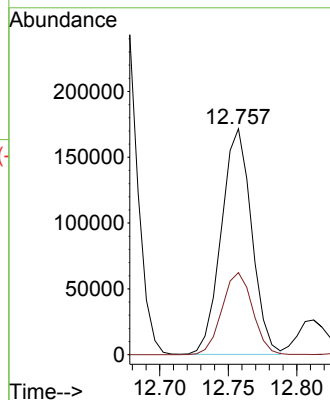
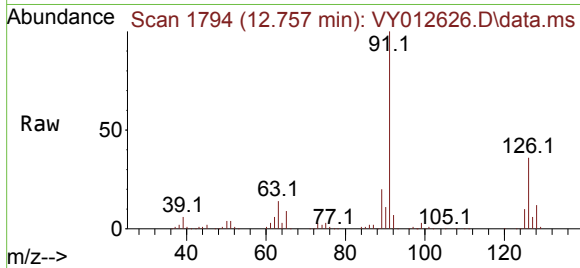




#79
2-Chlorotoluene
Concen: 53.492 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

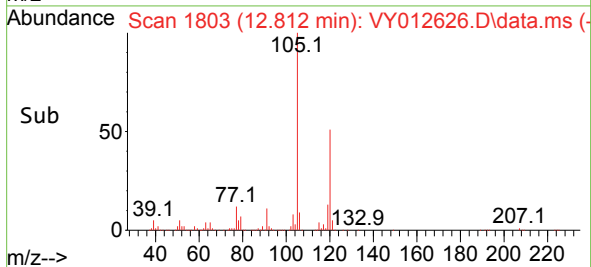
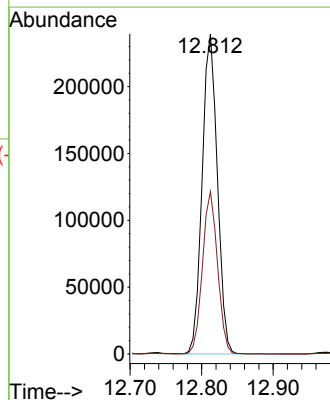
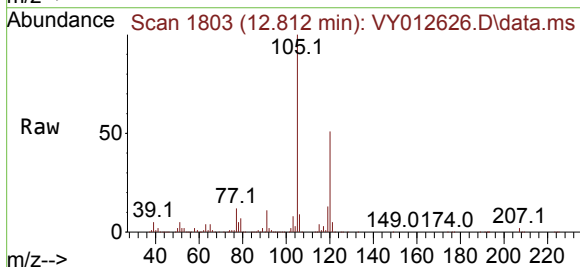
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

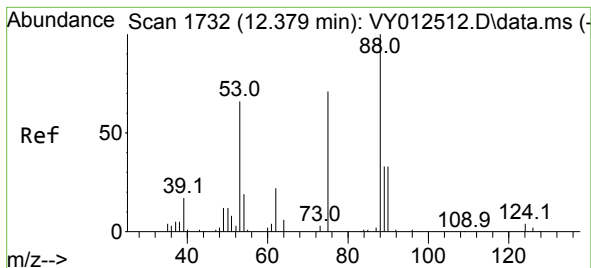
Tgt Ion: 91 Resp: 264380
Ion Ratio Lower Upper
91 100
126 36.7 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 54.420 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 105 Resp: 354365
Ion Ratio Lower Upper
105 100
120 50.1 24.6 74.0

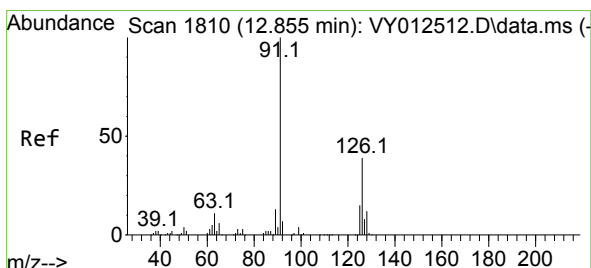
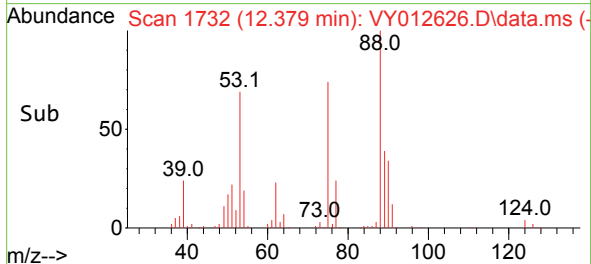
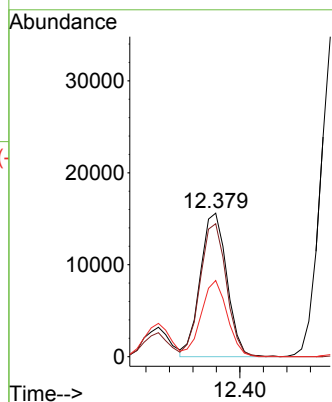
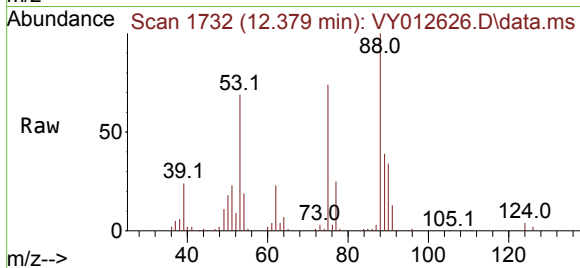




#81
trans-1,4-Dichloro-2-butene
Concen: 52.955 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

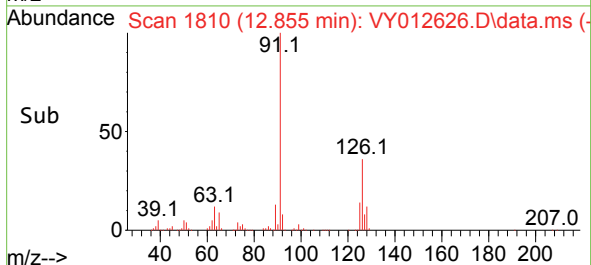
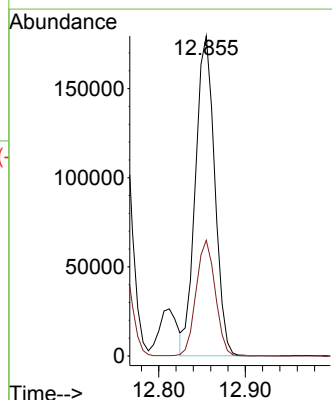
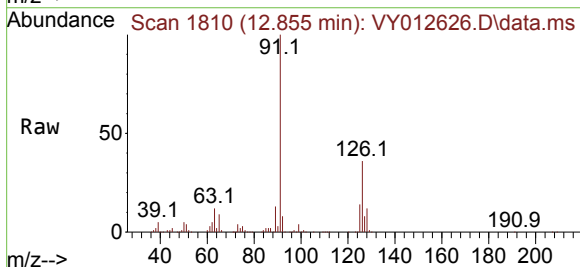
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

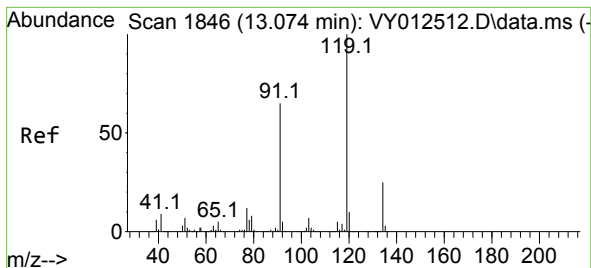
Tgt Ion: 75 Resp: 24529
Ion Ratio Lower Upper
75 100
53 91.9 73.1 109.7
89 52.0 39.9 59.9



#82
4-Chlorotoluene
Concen: 53.410 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion: 91 Resp: 276911
Ion Ratio Lower Upper
91 100
126 36.0 18.1 54.3





#83

tert-Butylbenzene

Concen: 55.589 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

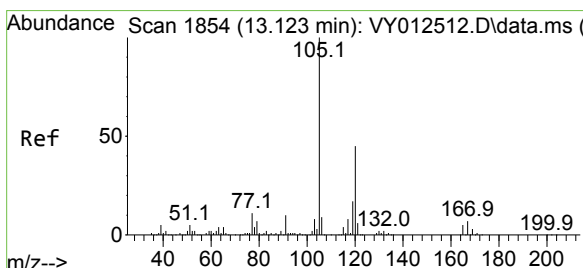
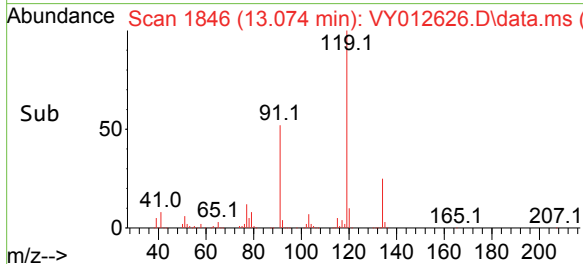
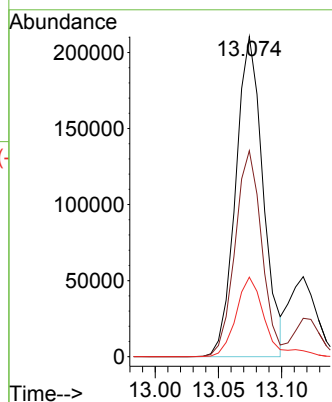
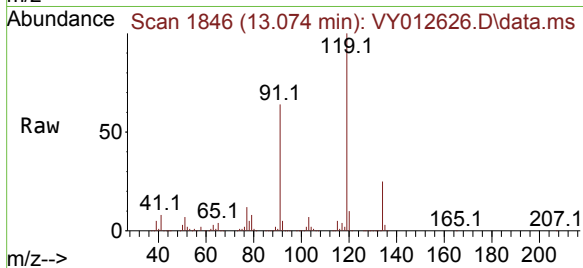
Tgt Ion:119 Resp: 317420

Ion Ratio Lower Upper

119 100

91 62.7 33.0 99.0

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 55.458 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY012626.D

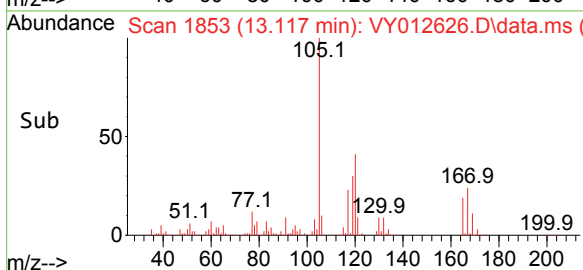
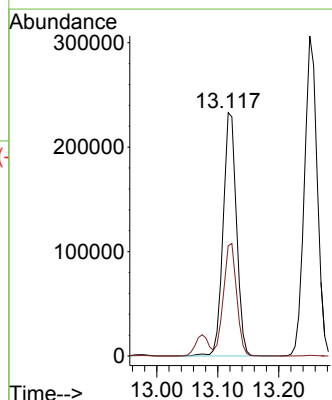
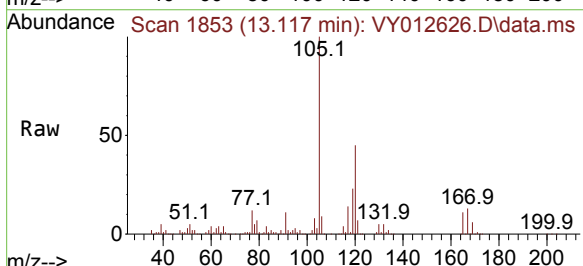
Acq: 16 Feb 2023 09:36

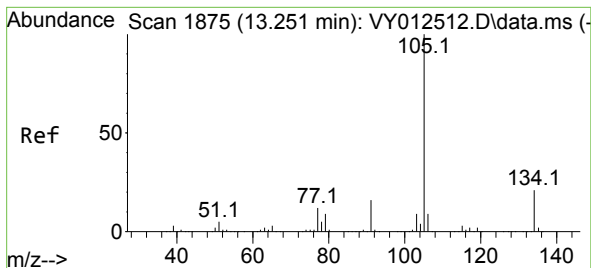
Tgt Ion:105 Resp: 355327

Ion Ratio Lower Upper

105 100

120 45.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 54.812 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

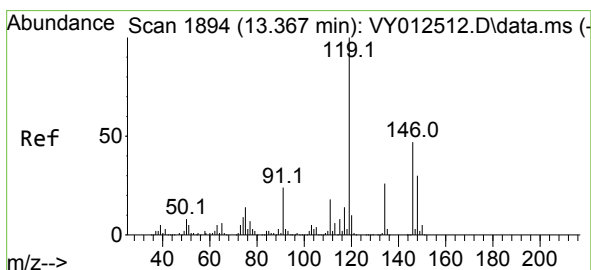
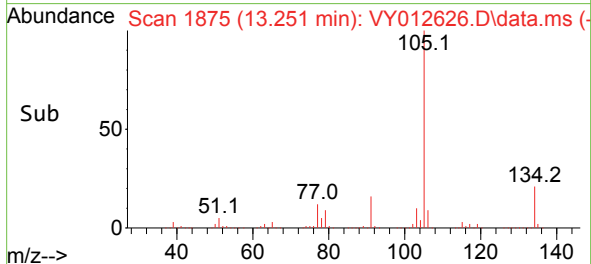
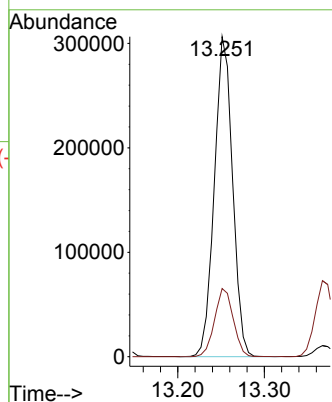
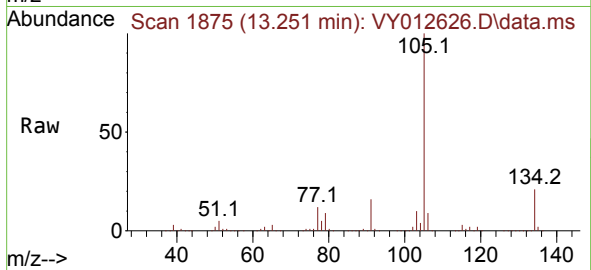
VSTDCCC050

Tgt Ion:105 Resp: 447756

Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.3



#86

p-Isopropyltoluene

Concen: 56.247 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

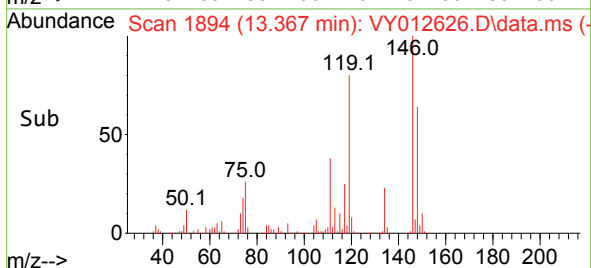
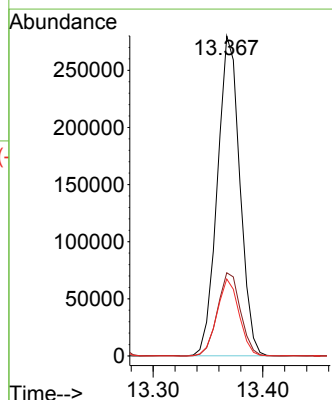
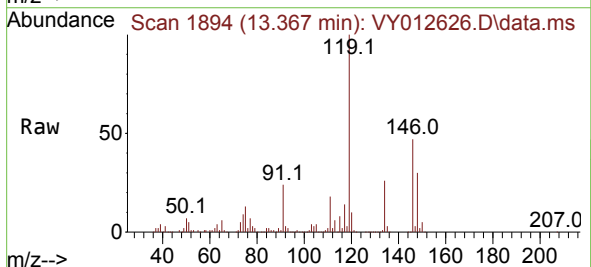
Tgt Ion:119 Resp: 398613

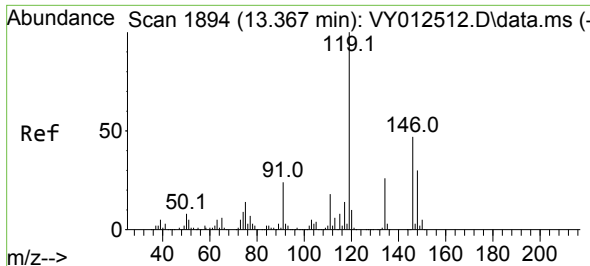
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.7 12.0 36.1

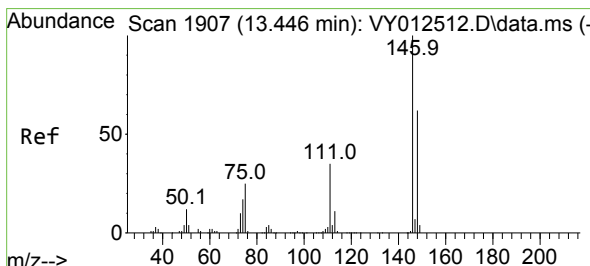
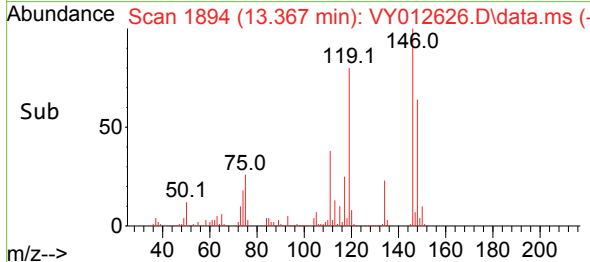
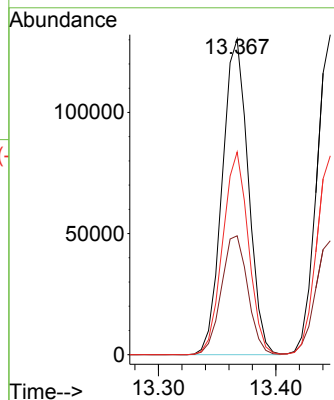
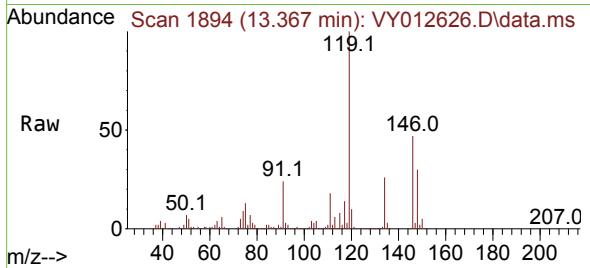




#87
1,3-Dichlorobenzene
Concen: 55.064 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

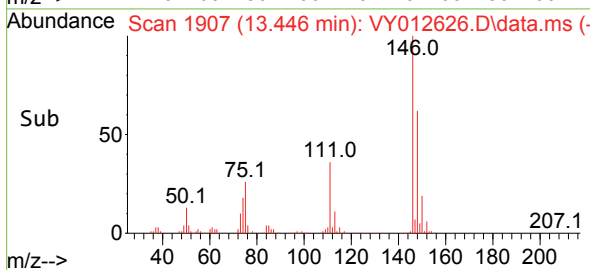
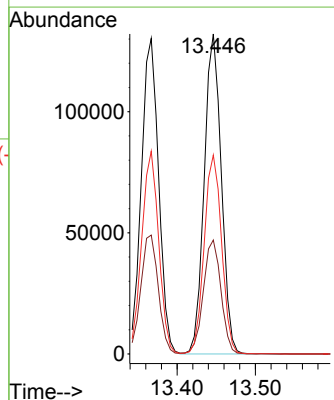
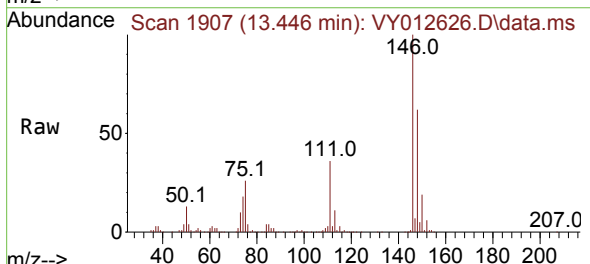
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

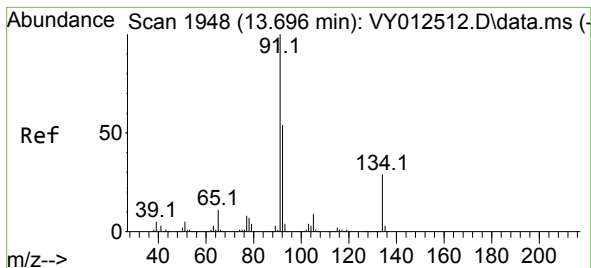
Tgt Ion:146 Resp: 200866
Ion Ratio Lower Upper
146 100
111 38.4 19.3 57.9
148 63.4 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 54.729 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012626.D
Acq: 16 Feb 2023 09:36

Tgt Ion:146 Resp: 199979
Ion Ratio Lower Upper
146 100
111 36.9 18.4 55.2
148 63.5 31.6 95.0





#89

n-Butylbenzene

Concen: 55.834 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

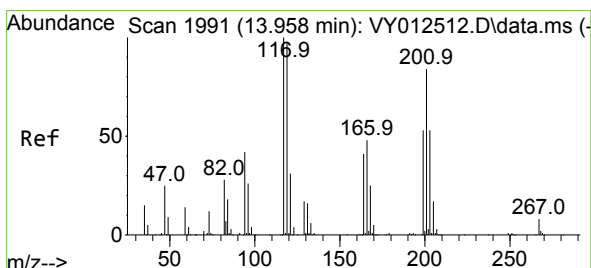
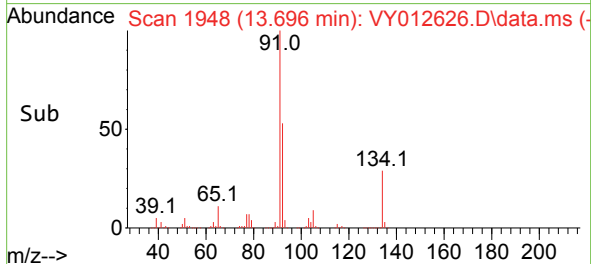
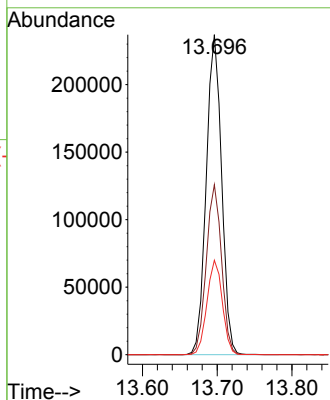
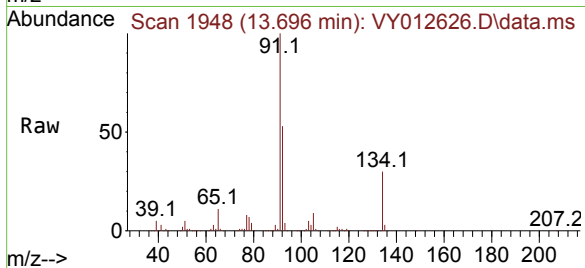
Tgt Ion: 91 Resp: 338174

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 29.6 14.5 43.5



#90

Hexachloroethane

Concen: 53.217 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012626.D

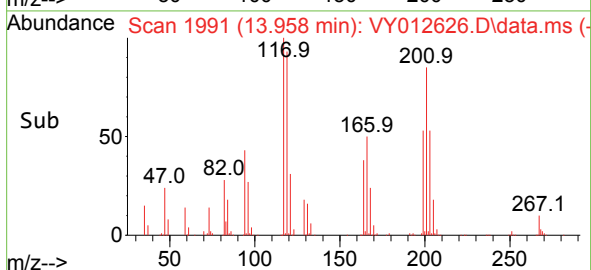
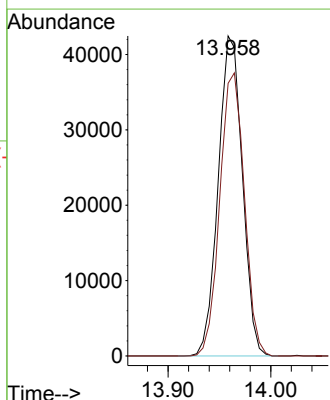
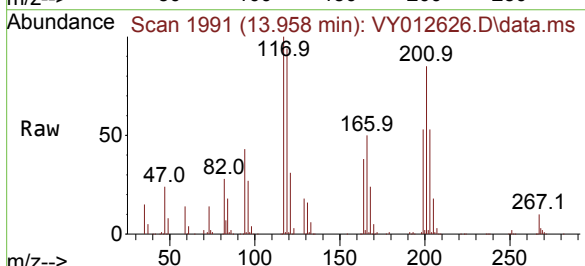
Acq: 16 Feb 2023 09:36

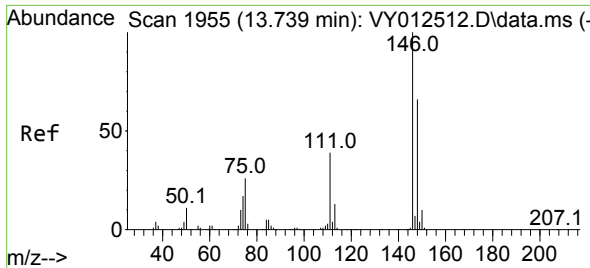
Tgt Ion: 117 Resp: 69224

Ion Ratio Lower Upper

117 100

201 89.9 43.9 131.7

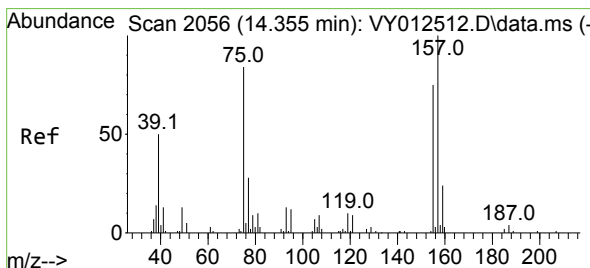
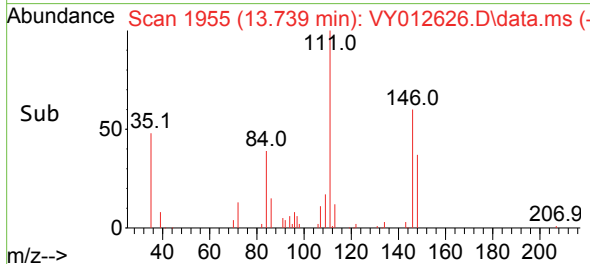
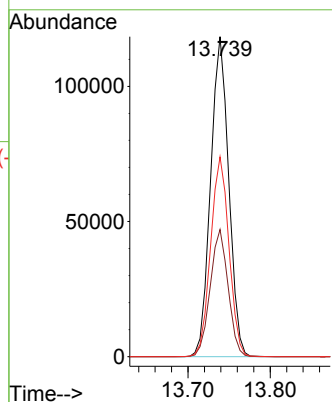
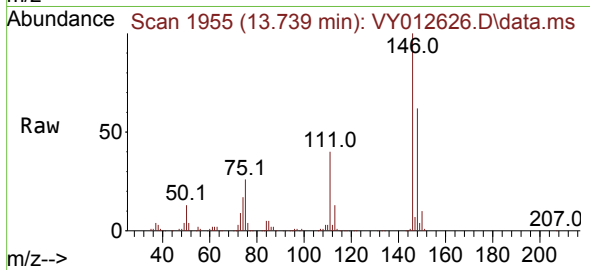




#91
 1,2-Dichlorobenzene
 Concen: 55.131 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY012626.D
 Acq: 16 Feb 2023 09:36

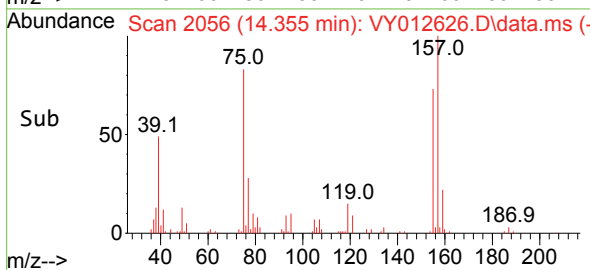
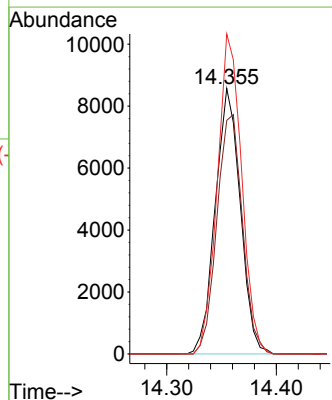
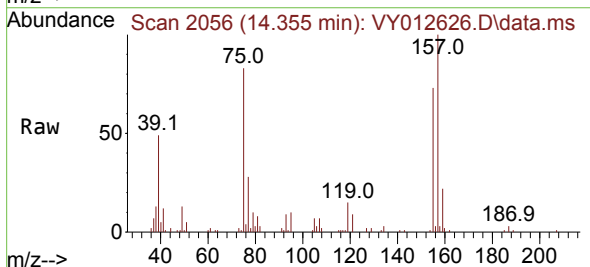
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

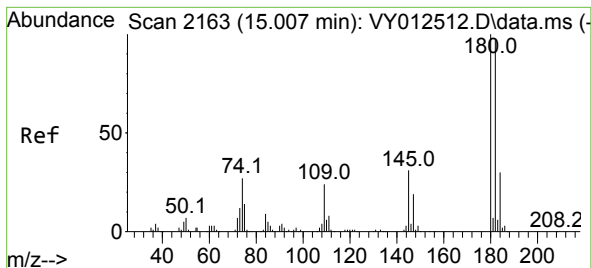
Tgt Ion:146 Resp: 180917
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.1
 148 63.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.826 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY012626.D
 Acq: 16 Feb 2023 09:36

Tgt Ion: 75 Resp: 13588
 Ion Ratio Lower Upper
 75 100
 155 92.0 46.5 139.3
 157 117.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 58.301 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

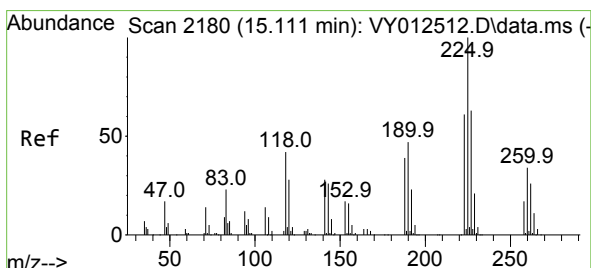
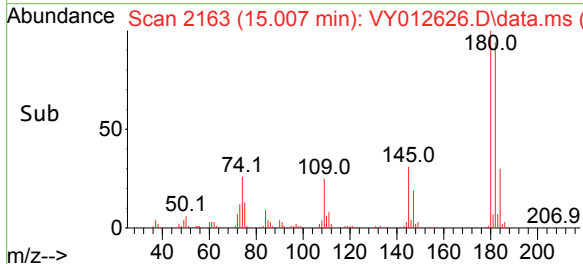
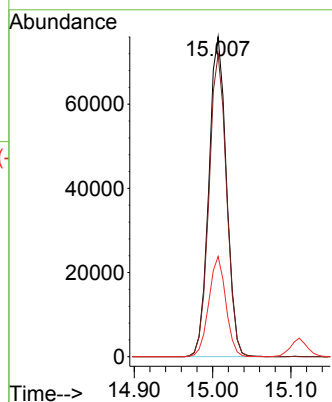
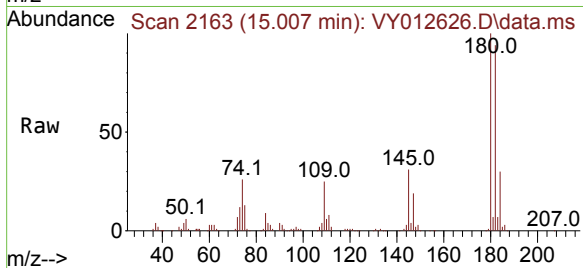
Tgt Ion:180 Resp: 118545

Ion Ratio Lower Upper

180 100

182 94.2 47.7 143.1

145 30.3 15.4 46.4



#94

Hexachlorobutadiene

Concen: 57.296 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

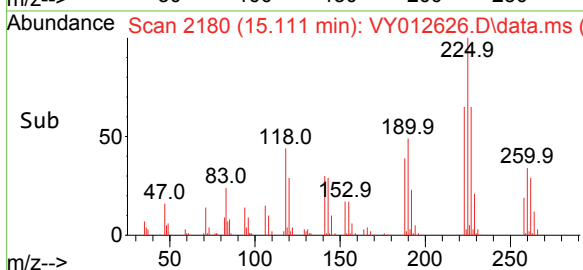
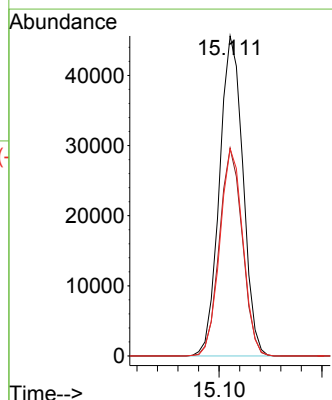
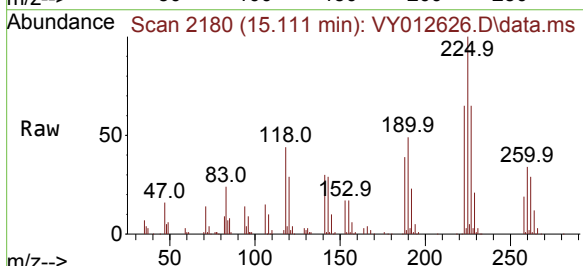
Tgt Ion:225 Resp: 72374

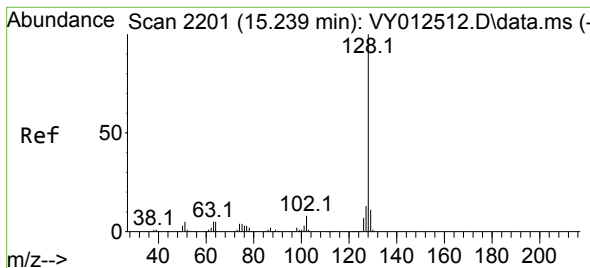
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.3

227 63.5 31.9 95.5





#95

Naphthalene

Concen: 59.938 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

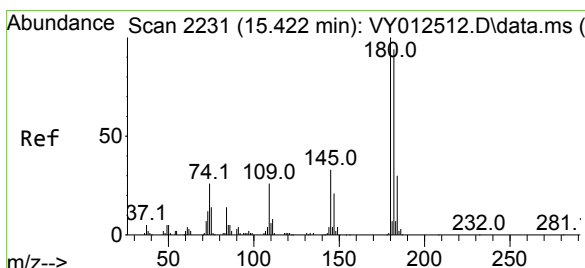
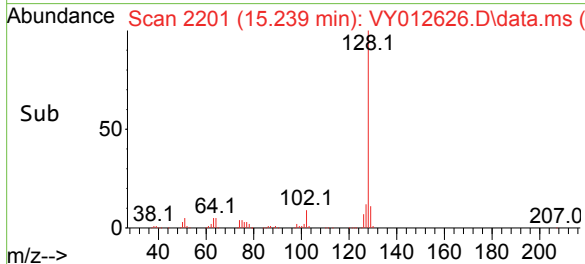
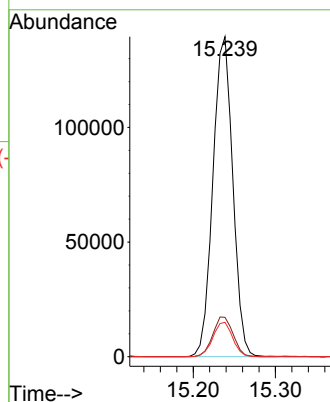
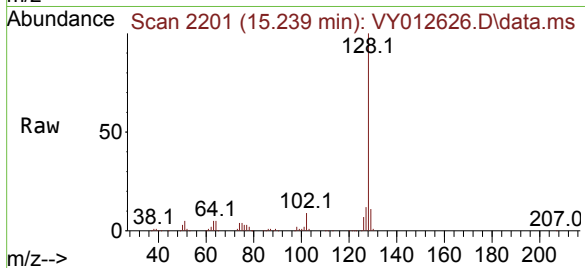
Tgt Ion:128 Resp: 233960

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 57.997 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012626.D

Acq: 16 Feb 2023 09:36

Tgt Ion:180 Resp: 102078

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.2

145 32.1 16.2 48.6

