

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017687.D
 Acq On : 18 Mar 2024 14:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 19 04:07:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	165845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	257263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	224493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	107738	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67609	43.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.020%
35) Dibromofluoromethane	7.722	113	80146	44.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.420%
50) Toluene-d8	10.185	98	298931	47.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.489	95	94522	47.985	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57453	46.963	ug/l	100
3) Chloromethane	2.113	50	104210	46.621	ug/l	98
4) Vinyl Chloride	2.253	62	139341	48.591	ug/l	98
5) Bromomethane	2.656	94	111761	47.825	ug/l	98
6) Chloroethane	2.796	64	91087	50.352	ug/l	98
7) Trichlorofluoromethane	3.125	101	135737	46.443	ug/l	96
8) Diethyl Ether	3.534	74	42580	49.673	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	83662	49.767	ug/l	100
10) Methyl Iodide	4.095	142	103971	55.110	ug/l	99
11) Tert butyl alcohol	4.960	59	35847	268.494	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	79916	51.010	ug/l	97
13) Acrolein	3.735	56	38852	220.544	ug/l	99
14) Allyl chloride	4.485	41	96577	51.018	ug/l	96
15) Acrylonitrile	5.168	53	86156	244.497	ug/l	100
16) Acetone	3.948	43	78368	257.063	ug/l	99
17) Carbon Disulfide	4.198	76	244020	51.892	ug/l	98
18) Methyl Acetate	4.479	43	38100	51.514	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	184905	50.637	ug/l	98
20) Methylene Chloride	4.716	84	91911	51.477	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	93313	50.870	ug/l	99
22) Diisopropyl ether	6.125	45	223077	51.068	ug/l	97
23) Vinyl Acetate	6.064	43	667451	256.414	ug/l	99
24) 1,1-Dichloroethane	6.021	63	149439	50.074	ug/l	99
25) 2-Butanone	6.990	43	107994	248.569	ug/l	97
26) 2,2-Dichloropropane	6.984	77	129817	51.738	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	104617	50.795	ug/l	99
28) Bromochloromethane	7.338	49	59401	50.540	ug/l	94
29) Tetrahydrofuran	7.356	42	64903	247.819	ug/l	98
30) Chloroform	7.509	83	159355	50.154	ug/l	100
31) Cyclohexane	7.789	56	130203	50.902	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	139840	50.694	ug/l	98
36) 1,1-Dichloropropene	7.923	75	123582	51.094	ug/l	99
37) Ethyl Acetate	7.076	43	46156	48.315	ug/l #	97
38) Carbon Tetrachloride	7.905	117	126206	52.063	ug/l	99
39) Methylcyclohexane	9.191	83	157758	54.272	ug/l	99
40) Benzene	8.167	78	364653	50.766	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	60685	126.589	ug/l #	15
42) 1,2-Dichloroethane	8.240	62	87334	49.833	ug/l	99
43) Isopropyl Acetate	8.277	43	83817	49.929	ug/l	98
44) Trichloroethene	8.947	130	103305	49.897	ug/l	98
45) 1,2-Dichloropropane	9.222	63	85111	49.803	ug/l	97
46) Dibromomethane	9.313	93	48875	49.973	ug/l	96
47) Bromodichloromethane	9.502	83	119427	50.291	ug/l	99
48) Methyl methacrylate	9.301	41	39507	50.843	ug/l	97
49) 1,4-Dioxane	9.307	88	10840	979.354	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	234070	250.181	ug/l	98
52) Toluene	10.252	92	233433	51.551	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	113023	51.277	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	138120	51.571	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	68328	49.206	ug/l	98
56) Ethyl methacrylate	10.514	69	81162	47.636	ug/l	99
57) 1,3-Dichloropropane	10.795	76	112534	49.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	202229	252.375	ug/l	99
59) 2-Hexanone	10.837	43	167419	260.515	ug/l	98
60) Dibromochloromethane	10.990	129	83239	50.671	ug/l	99
61) 1,2-Dibromoethane	11.093	107	64621	50.498	ug/l	100
64) Tetrachloroethene	10.727	164	103655	48.106	ug/l	99
65) Chlorobenzene	11.520	112	245083	51.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	92344	51.729	ug/l	98
67) Ethyl Benzene	11.599	91	444250	53.161	ug/l	98
68) m/p-Xylenes	11.709	106	354033	107.816	ug/l	98
69) o-Xylene	12.038	106	164797	54.096	ug/l	98
70) Styrene	12.050	104	272542	53.897	ug/l	98
71) Bromoform	12.215	173	51879	52.444	ug/l #	99
73) Isopropylbenzene	12.337	105	432041	53.977	ug/l	100
74) N-amyl acetate	12.148	43	73624	52.152	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	73647	53.581	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	91991	89.864	ug/l #	100
77) Bromobenzene	12.617	156	99243	51.199	ug/l	97
78) n-propylbenzene	12.678	91	522467	54.399	ug/l	99
79) 2-Chlorotoluene	12.764	91	279957	52.064	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	348942	54.414	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	23804	53.431	ug/l	96
82) 4-Chlorotoluene	12.861	91	289634	52.662	ug/l	97
83) tert-Butylbenzene	13.081	119	304639	54.099	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	343010	54.180	ug/l	100
85) sec-Butylbenzene	13.258	105	469282	54.508	ug/l	100
86) p-Isopropyltoluene	13.373	119	389365	55.247	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	199614	51.305	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	195182	51.600	ug/l	98
89) n-Butylbenzene	13.703	91	354182	55.082	ug/l	99
90) Hexachloroethane	13.965	117	73463	51.993	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	171676	52.165	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9413	48.714	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	92502	53.213	ug/l	98
94) Hexachlorobutadiene	15.117	225	55711	51.909	ug/l	99
95) Naphthalene	15.245	128	157547	47.026	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	78078	52.357	ug/l	99

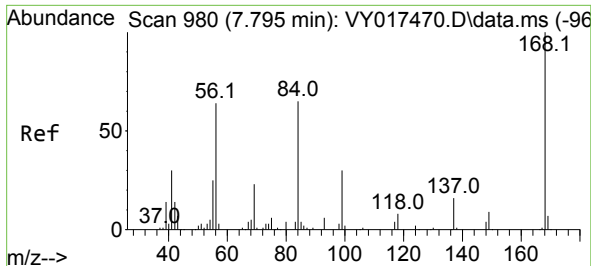
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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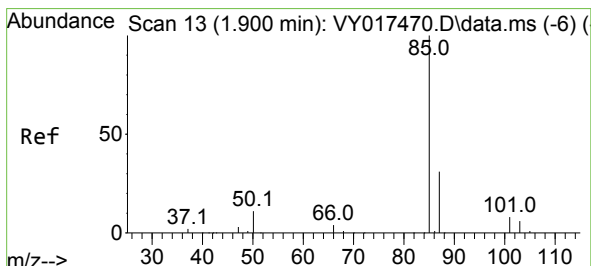
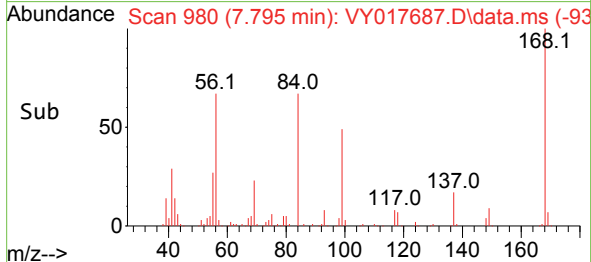
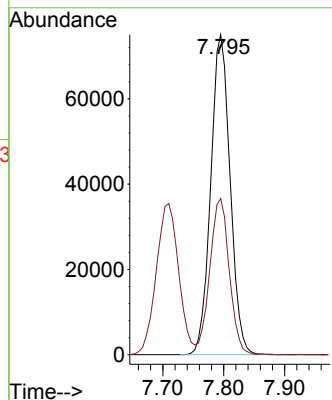
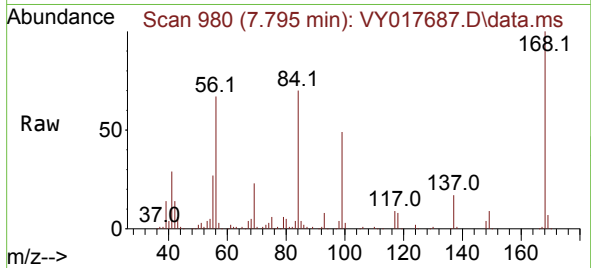
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017687.D
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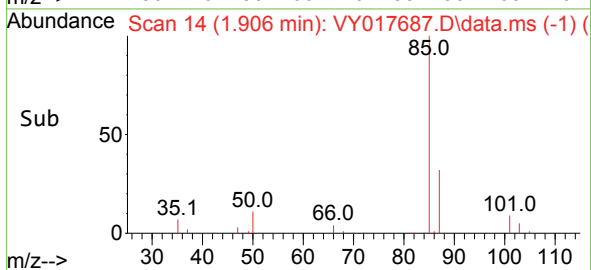
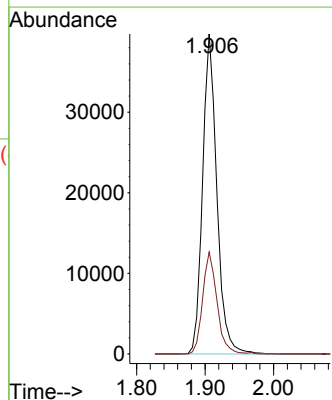
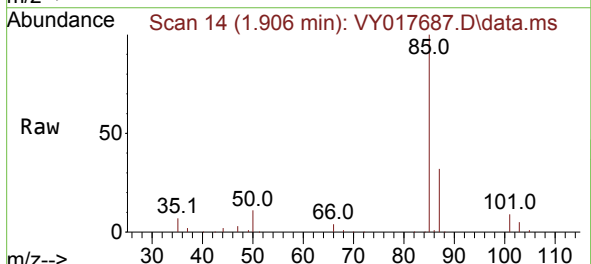
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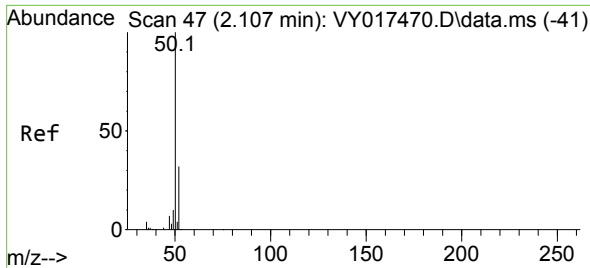
Tgt Ion:168 Resp: 165845
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.963 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 85 Resp: 57453
Ion Ratio Lower Upper
85 100
87 31.9 16.0 48.0

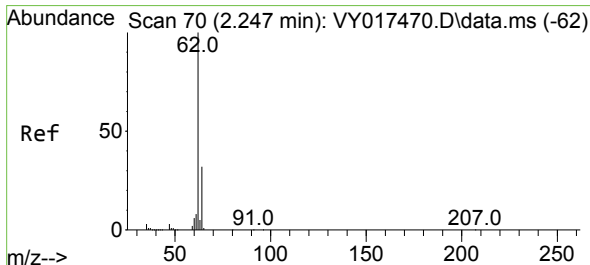
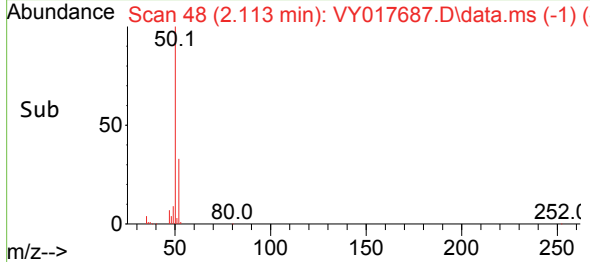
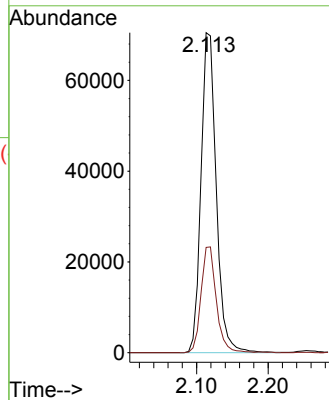
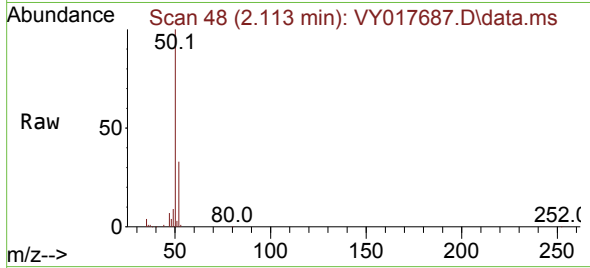




#3
Chloromethane
Concen: 46.621 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

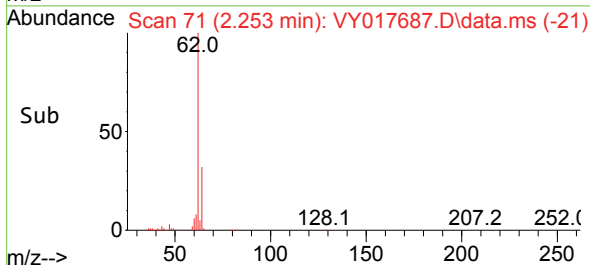
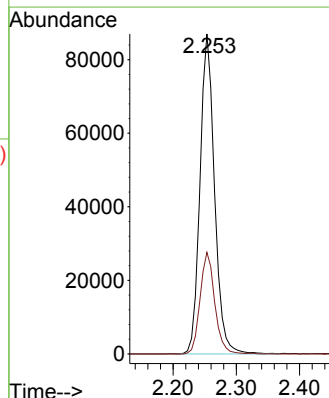
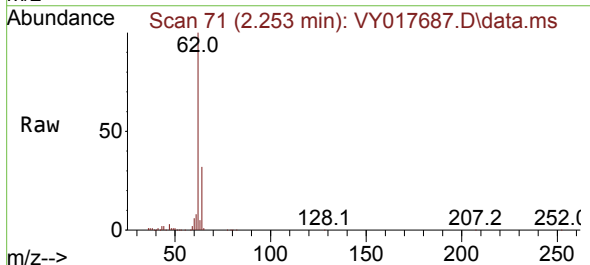
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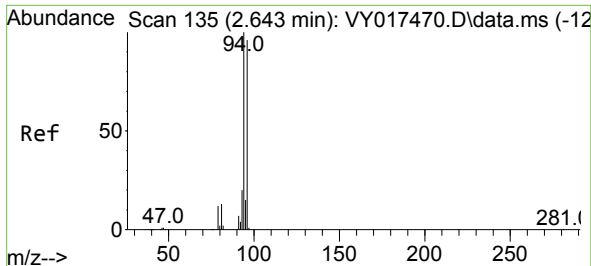
Tgt Ion: 50 Resp: 104210
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#4
Vinyl Chloride
Concen: 48.591 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 62 Resp: 139341
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1

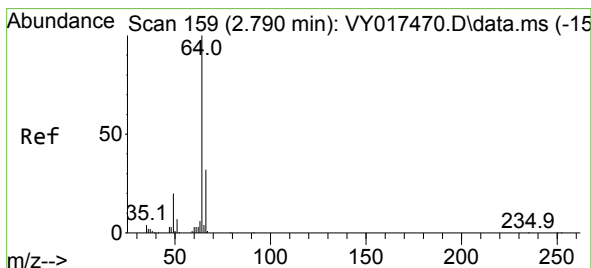
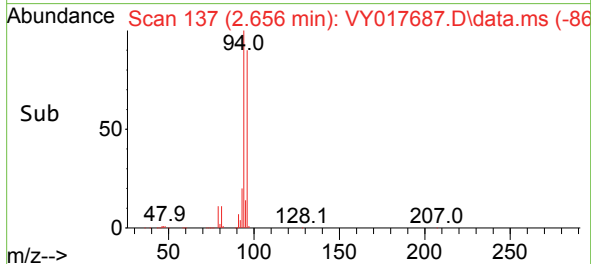
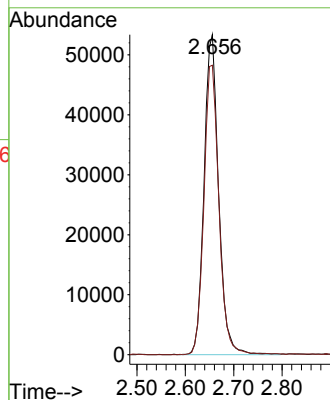
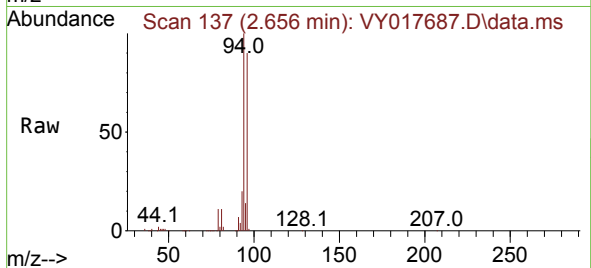




#5
Bromomethane
Concen: 47.825 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

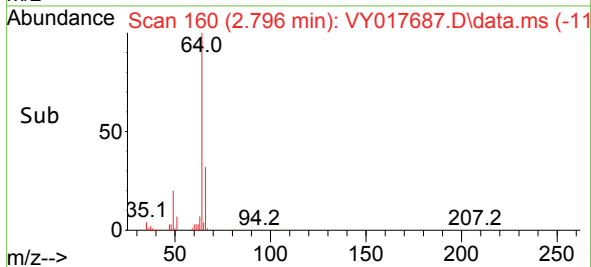
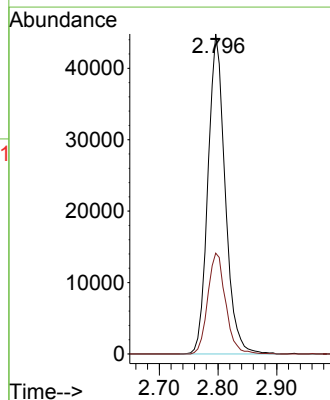
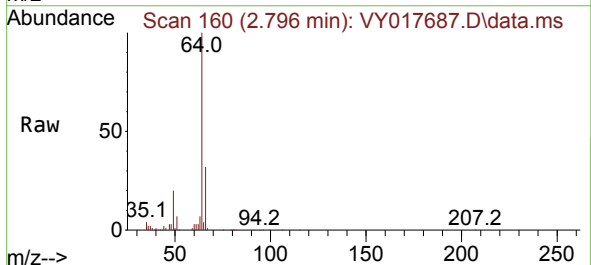
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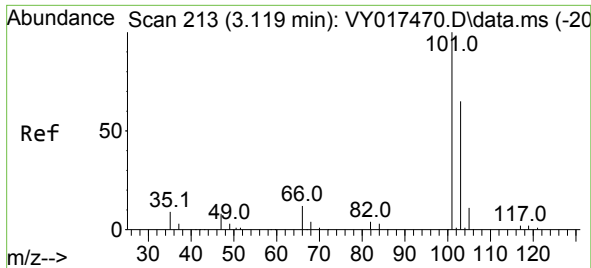
Tgt Ion: 94 Resp: 111761
Ion Ratio Lower Upper
94 100
96 90.3 74.1 111.1



#6
Chloroethane
Concen: 50.352 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 64 Resp: 91087
Ion Ratio Lower Upper
64 100
66 31.5 26.1 39.1

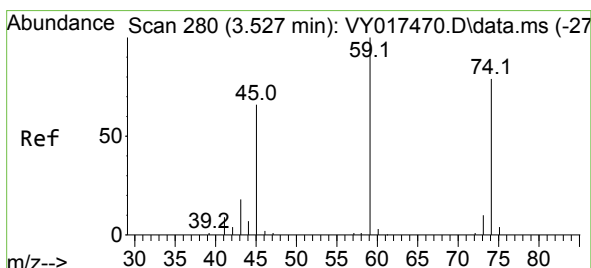
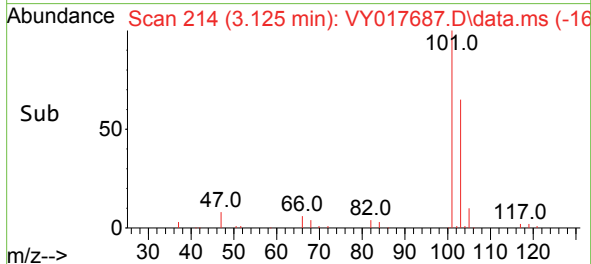
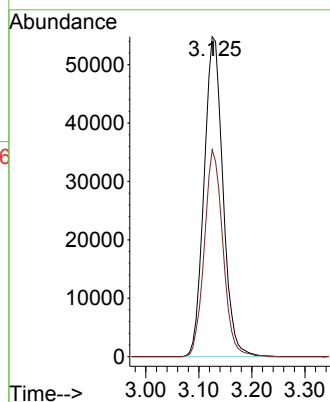
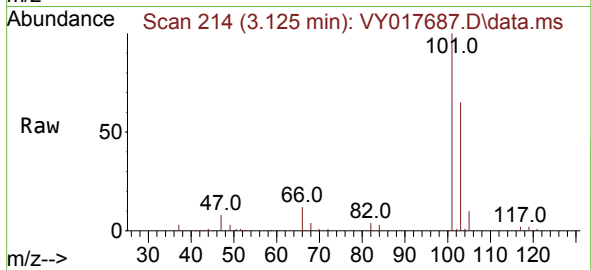




#7
 Trichlorofluoromethane
 Concen: 46.443 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY017687.D
 Acq: 18 Mar 2024 14:21

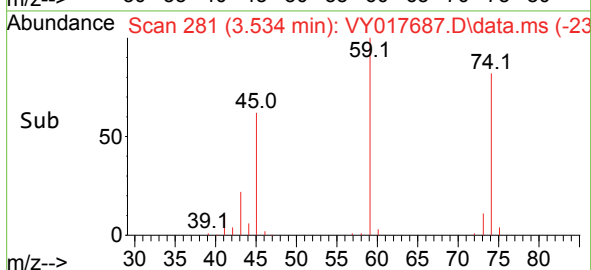
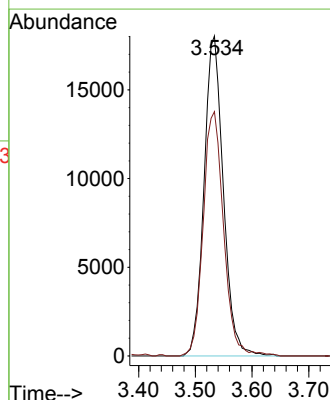
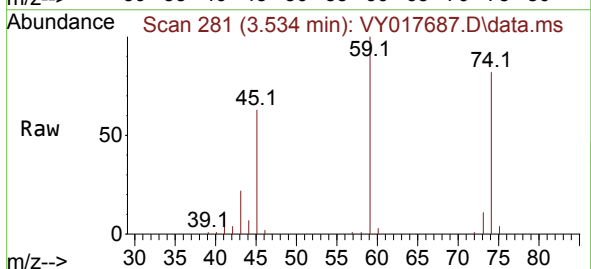
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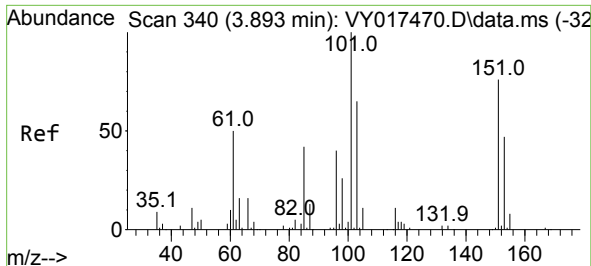
Tgt Ion:101 Resp: 135737
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 49.673 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY017687.D
 Acq: 18 Mar 2024 14:21

Tgt Ion: 74 Resp: 42580
 Ion Ratio Lower Upper
 74 100
 45 80.9 41.3 124.1

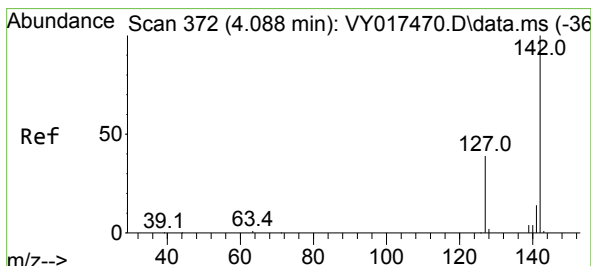
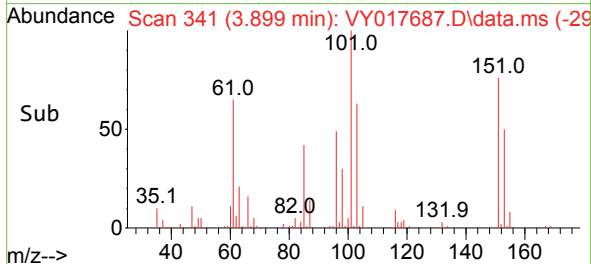
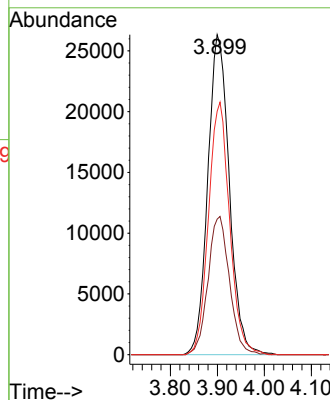
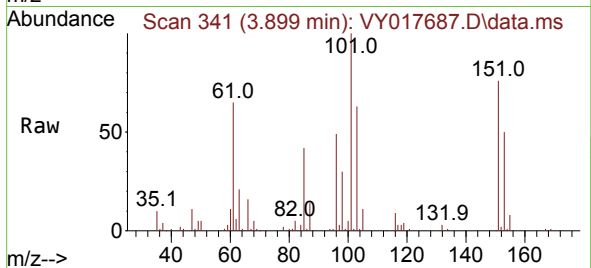




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.767 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
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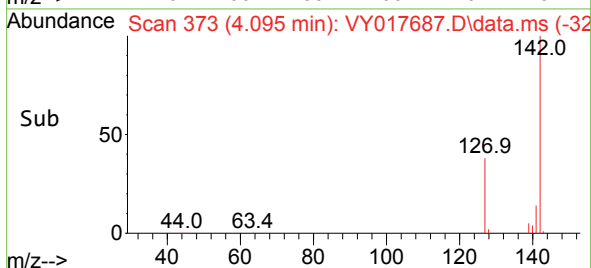
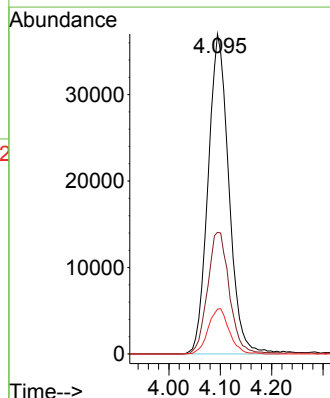
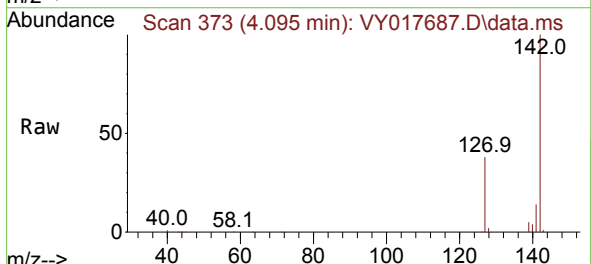
Instrument :
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ClientSampleId :
VSTDCCC050

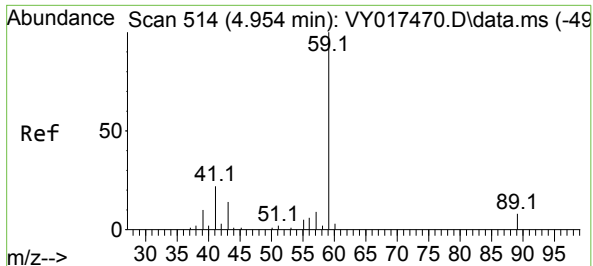
Tgt Ion:101 Resp: 83662
Ion Ratio Lower Upper
101 100
85 43.3 34.5 51.7
151 77.6 61.7 92.5



#10
Methyl Iodide
Concen: 55.110 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:142 Resp: 103971
Ion Ratio Lower Upper
142 100
127 40.1 32.8 49.2
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 268.494 ug/l

RT: 4.960 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

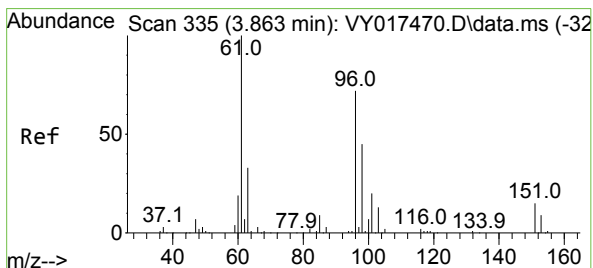
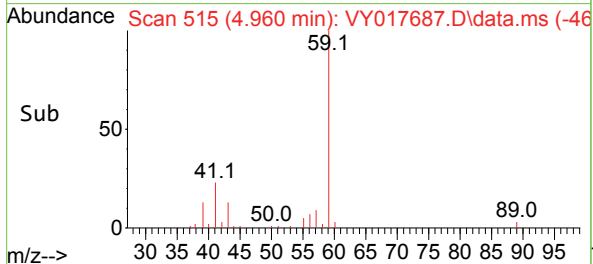
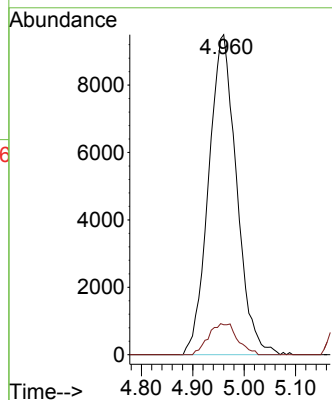
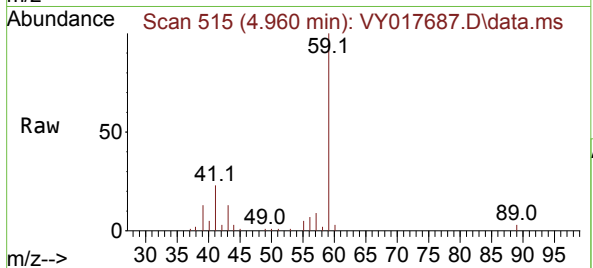
VSTDCCC050

Tgt Ion: 59 Resp: 35847

Ion Ratio Lower Upper

59 100

57 10.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 51.010 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

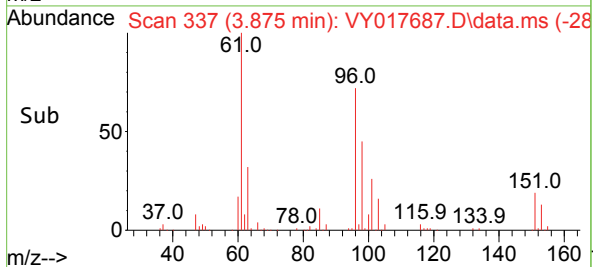
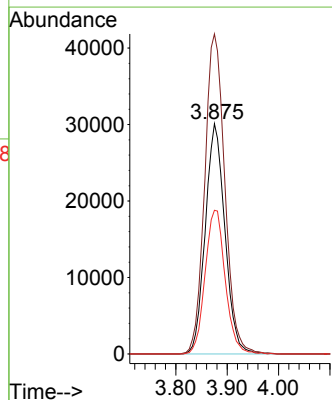
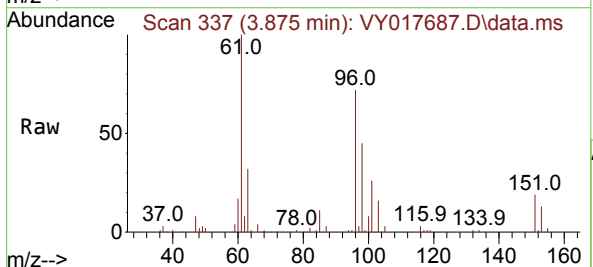
Tgt Ion: 96 Resp: 79916

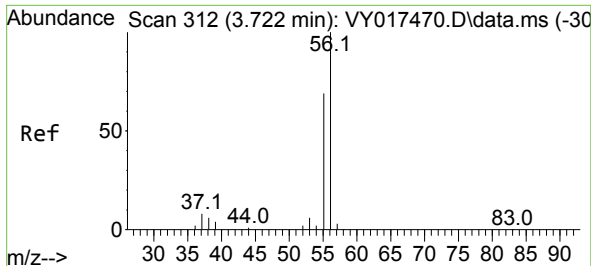
Ion Ratio Lower Upper

96 100

61 139.0 114.6 171.8

98 62.4 50.8 76.2





#13

Acrolein

Concen: 220.544 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

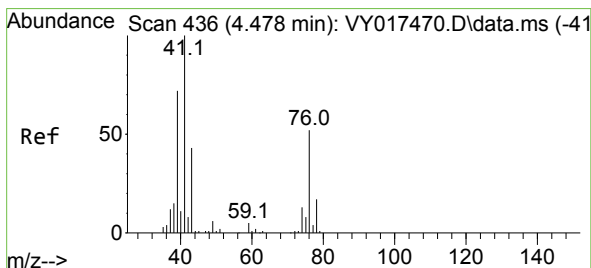
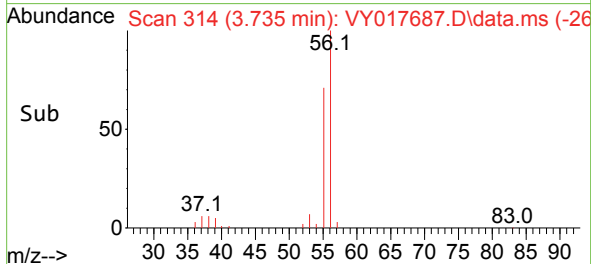
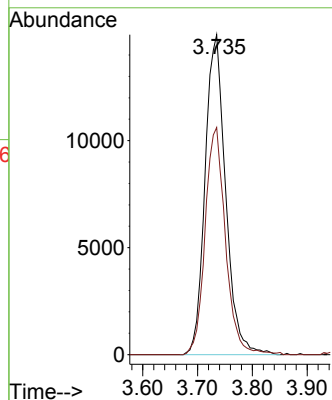
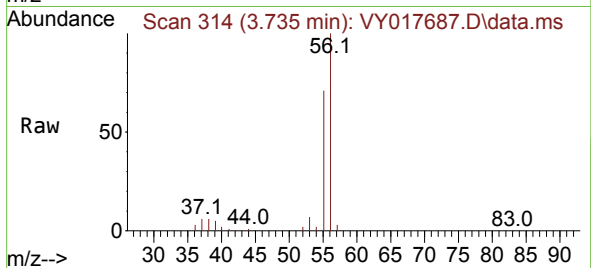
VSTDCCC050

Tgt Ion: 56 Resp: 38852

Ion Ratio Lower Upper

56 100

55 70.5 55.7 83.5



#14

Allyl chloride

Concen: 51.018 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

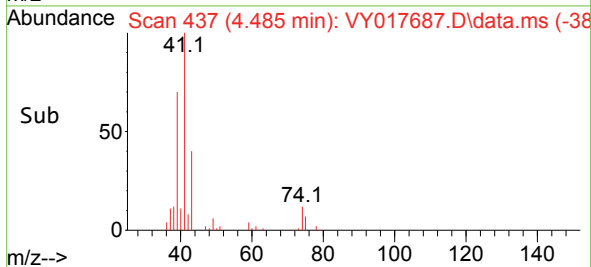
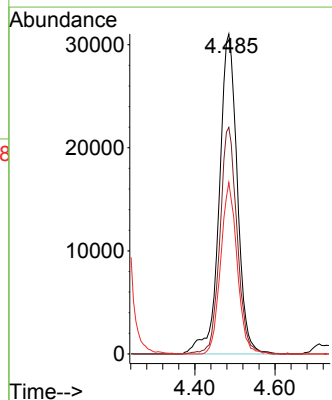
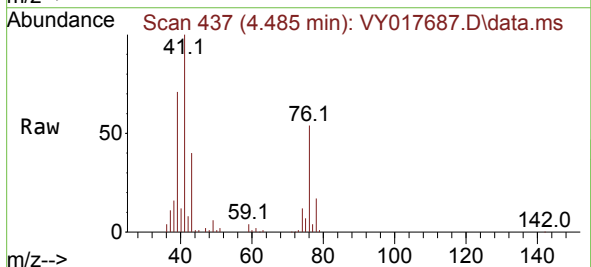
Tgt Ion: 41 Resp: 96577

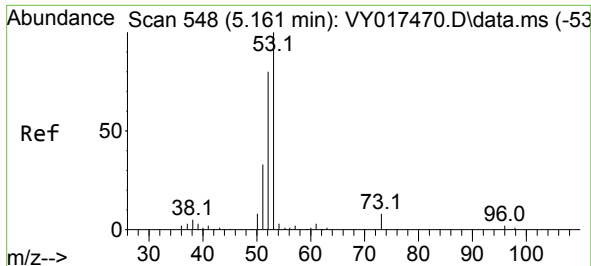
Ion Ratio Lower Upper

41 100

39 67.9 58.3 87.5

76 49.0 39.0 58.6

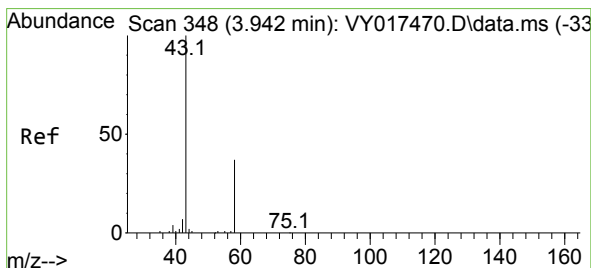
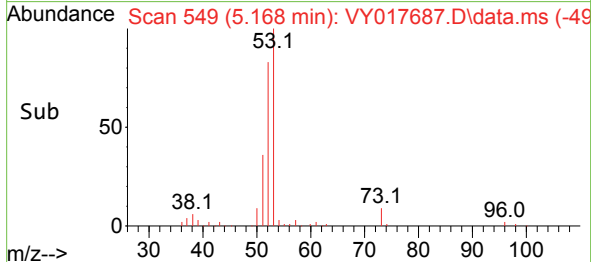
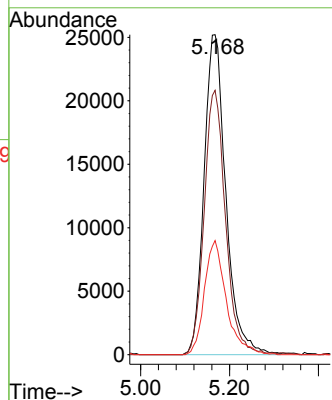
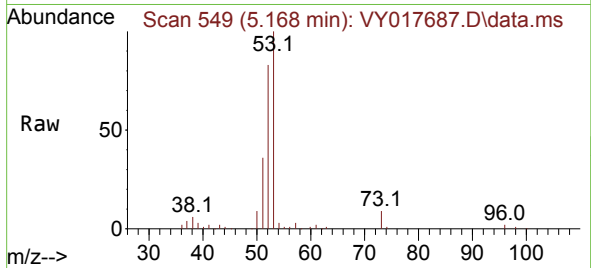




#15
Acrylonitrile
Concen: 244.497 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

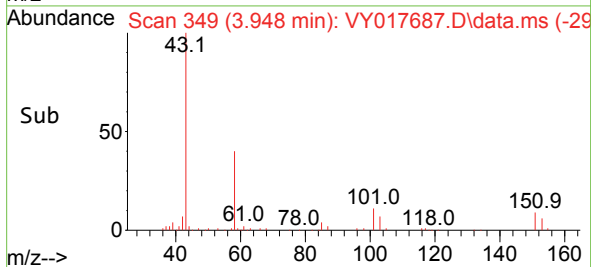
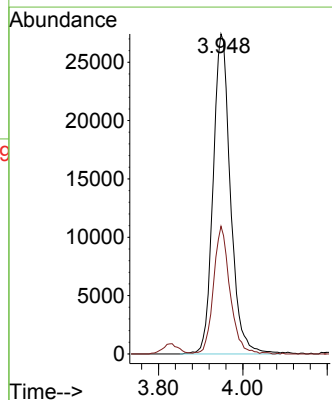
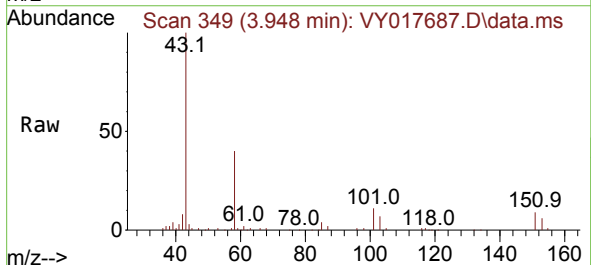
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

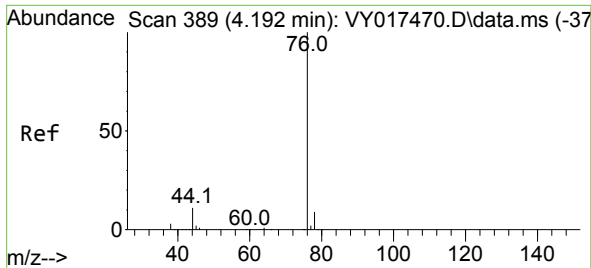
Tgt Ion: 53 Resp: 86156
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 35.9 28.4 42.6



#16
Acetone
Concen: 257.063 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 43 Resp: 78368
Ion Ratio Lower Upper
43 100
58 39.9 31.7 47.5

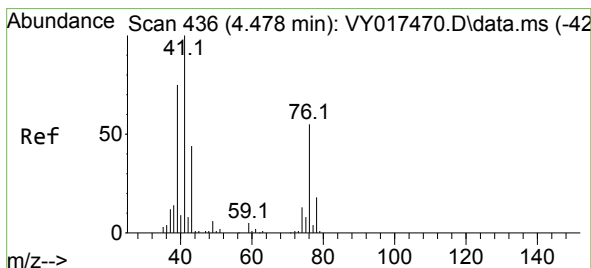
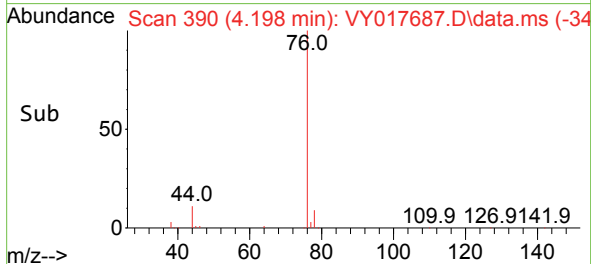
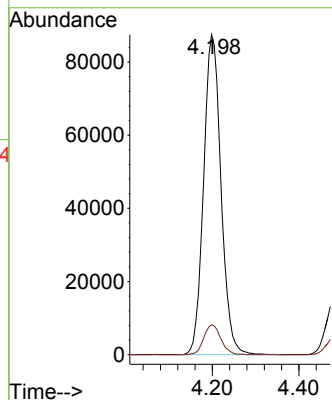
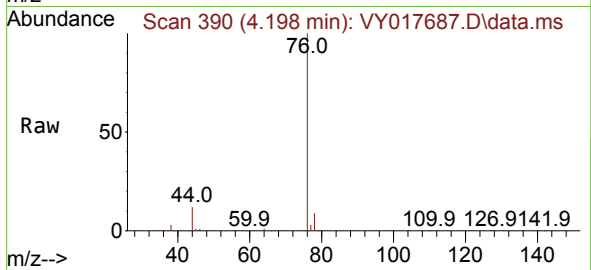




#17
Carbon Disulfide
Concen: 51.892 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

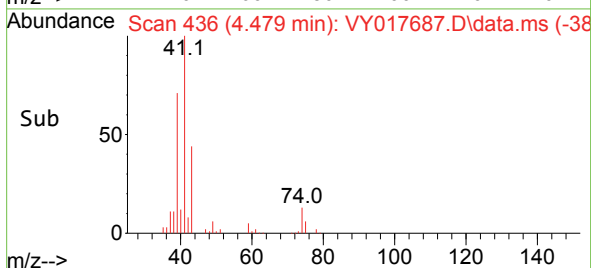
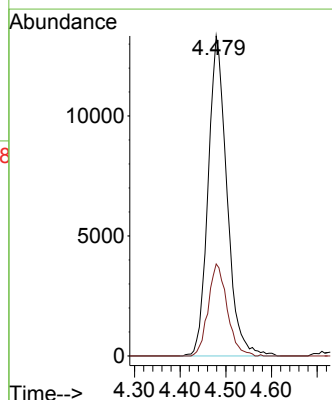
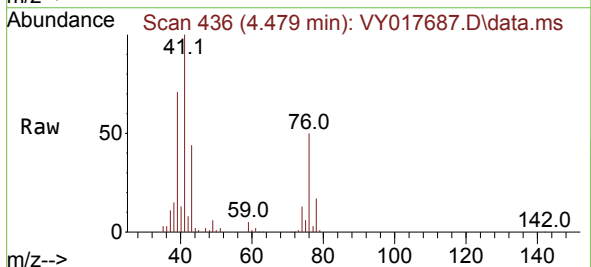
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

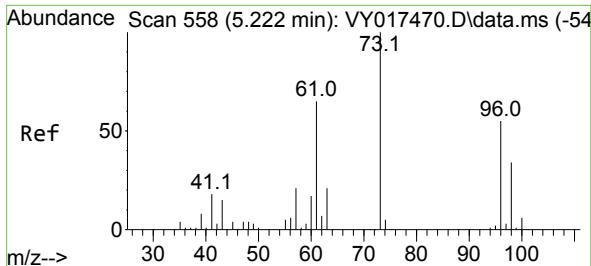
Tgt Ion: 76 Resp: 244020
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 51.514 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 43 Resp: 38100
Ion Ratio Lower Upper
43 100
74 29.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 50.637 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

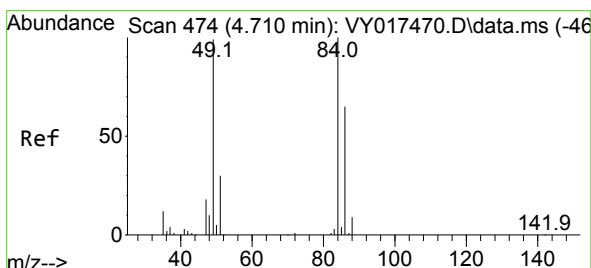
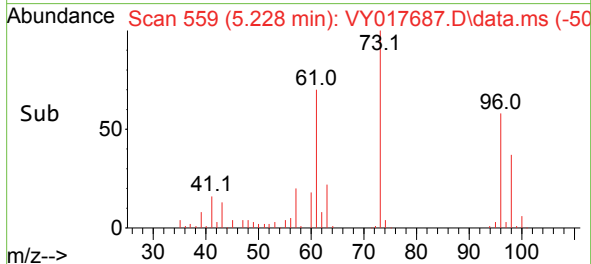
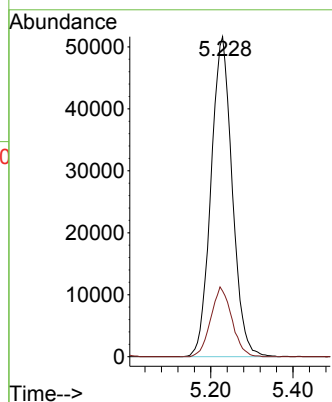
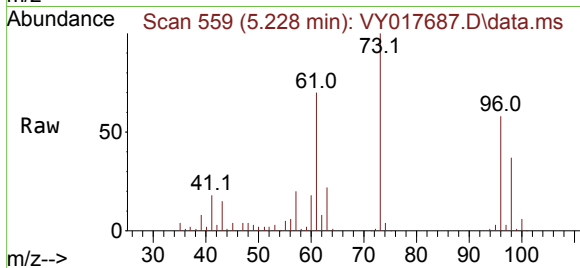
VSTDCCC050

Tgt Ion: 73 Resp: 184905

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 51.477 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Tgt Ion: 84 Resp: 91911

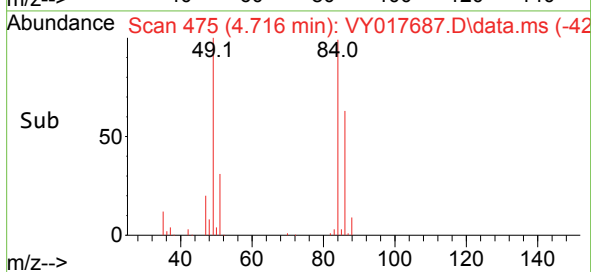
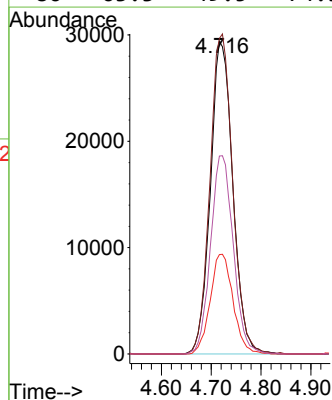
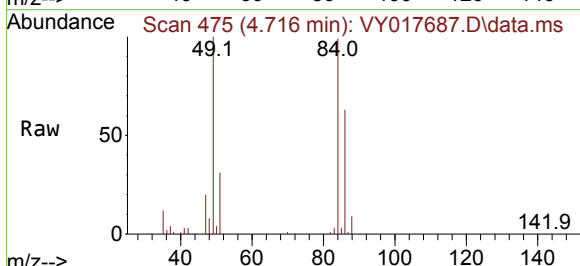
Ion Ratio Lower Upper

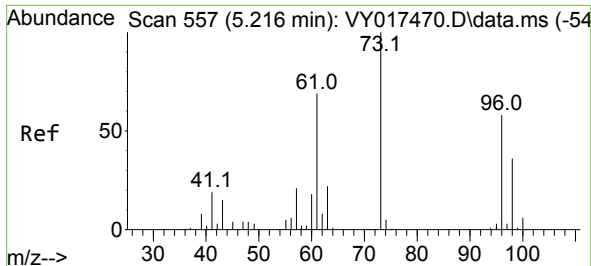
84 100

49 100.9 84.4 126.6

51 31.8 26.0 39.0

86 63.3 49.5 74.3

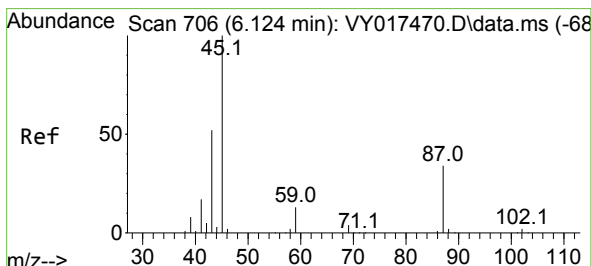
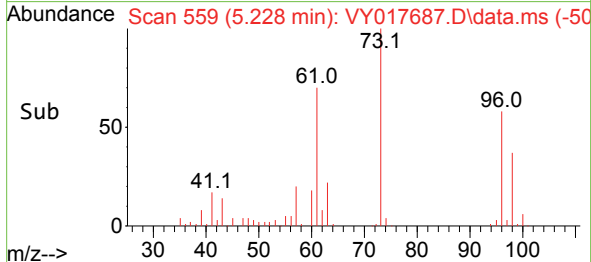
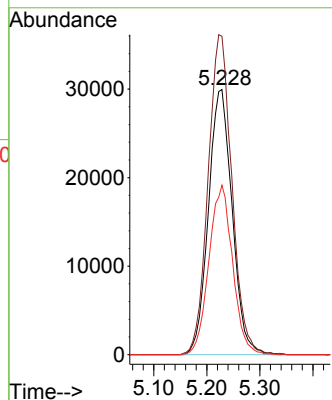
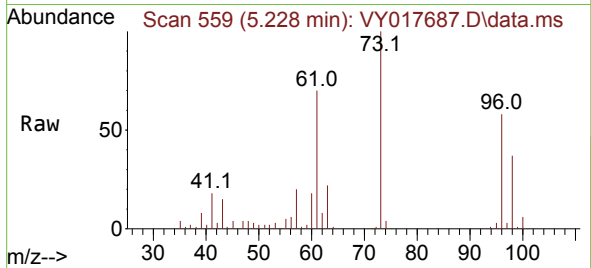




#21
trans-1,2-Dichloroethene
Concen: 50.870 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

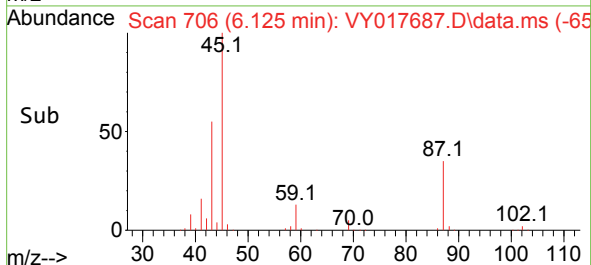
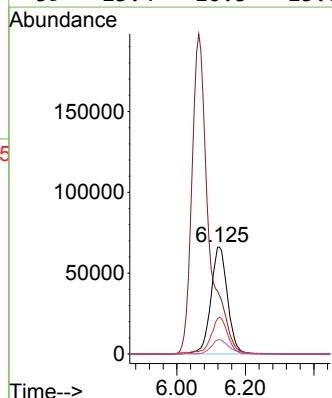
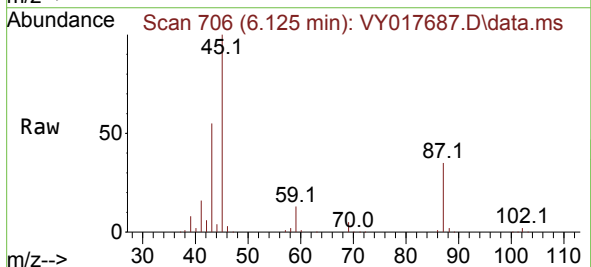
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

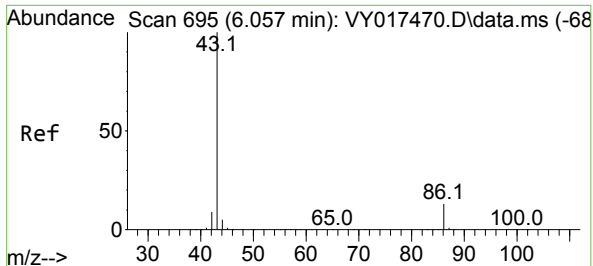
Tgt Ion: 96 Resp: 93313
Ion Ratio Lower Upper
96 100
61 120.1 97.5 146.3
98 63.9 50.5 75.7



#22
Diisopropyl ether
Concen: 51.068 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 45 Resp: 223077
Ion Ratio Lower Upper
45 100
43 54.3 42.2 63.2
87 34.5 25.0 37.6
59 13.4 10.5 15.7

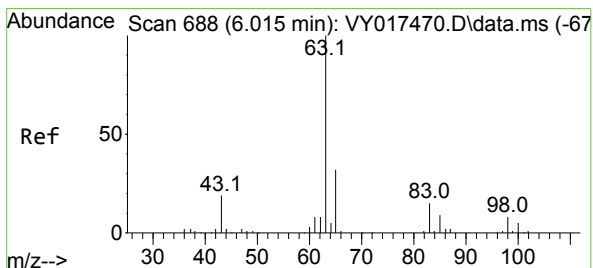
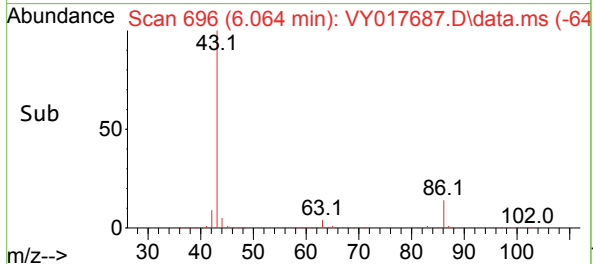
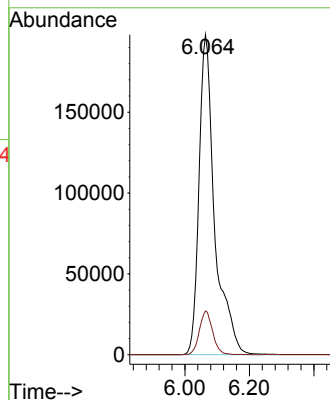
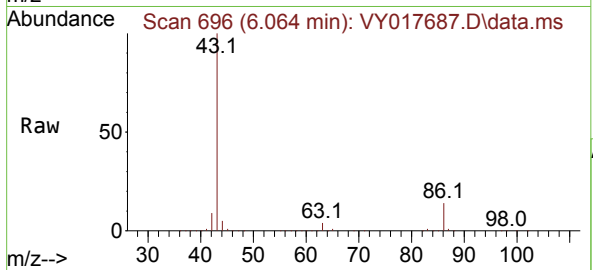




#23
Vinyl Acetate
Concen: 256.414 ug/l
RT: 6.064 min Scan# 61
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

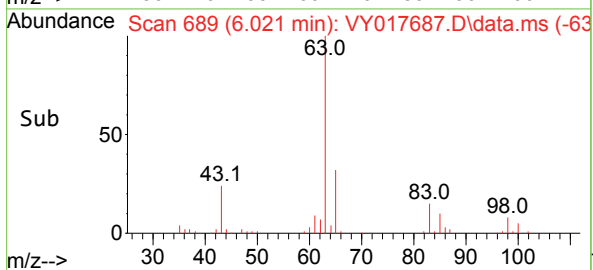
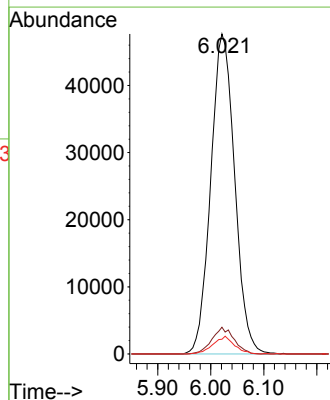
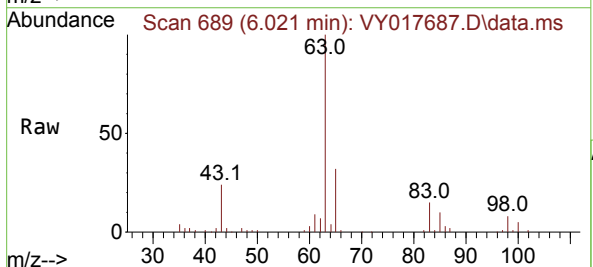
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

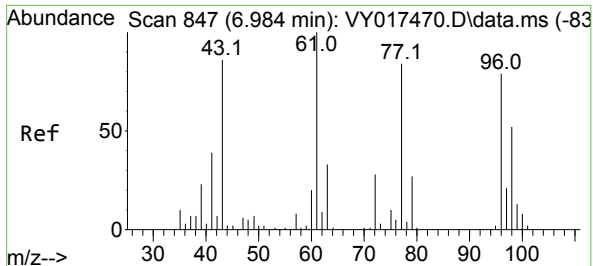
Tgt Ion: 43 Resp: 667451
Ion Ratio Lower Upper
43 100
86 13.6 10.6 16.0



#24
1,1-Dichloroethane
Concen: 50.074 ug/l
RT: 6.021 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 63 Resp: 149439
Ion Ratio Lower Upper
63 100
98 8.4 4.0 12.2
100 4.6 2.6 8.0





#25

2-Butanone

Concen: 248.569 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

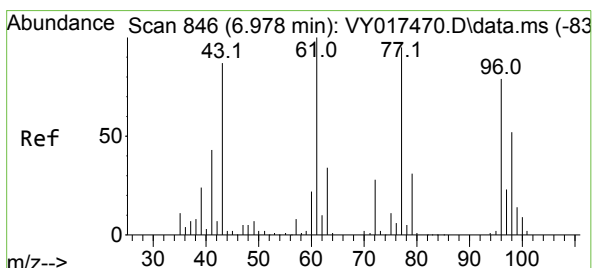
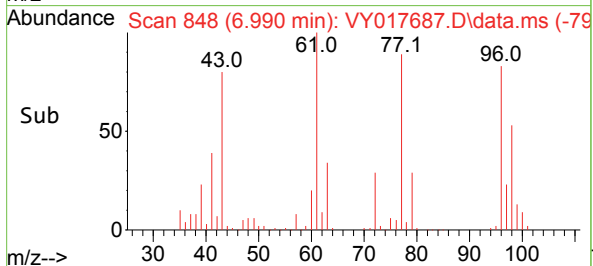
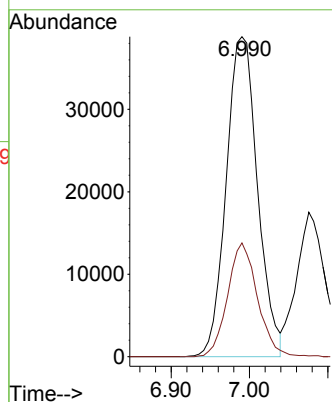
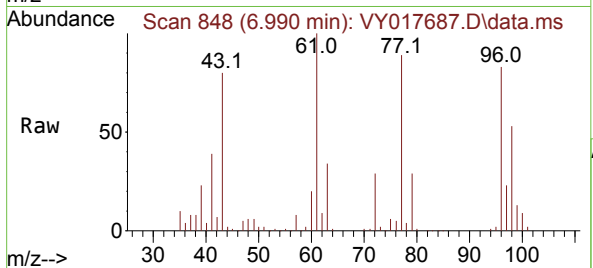
VSTDCCC050

Tgt Ion: 43 Resp: 107994

Ion Ratio Lower Upper

43 100

72 35.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 51.738 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017687.D

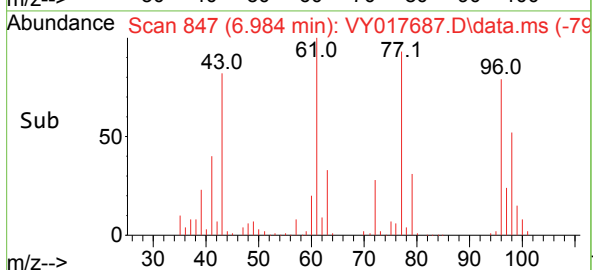
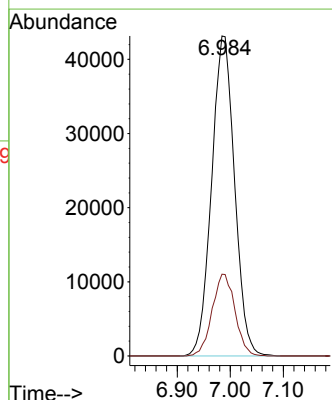
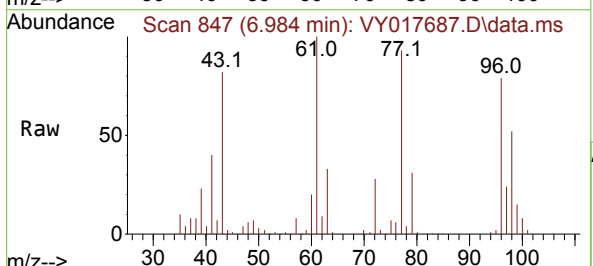
Acq: 18 Mar 2024 14:21

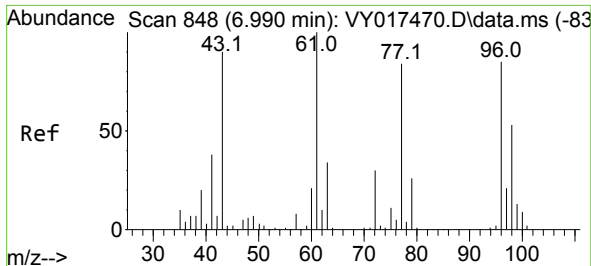
Tgt Ion: 77 Resp: 129817

Ion Ratio Lower Upper

77 100

97 25.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.795 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

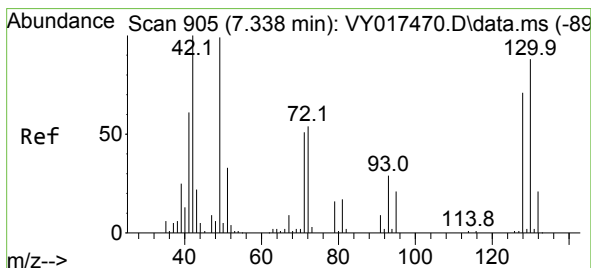
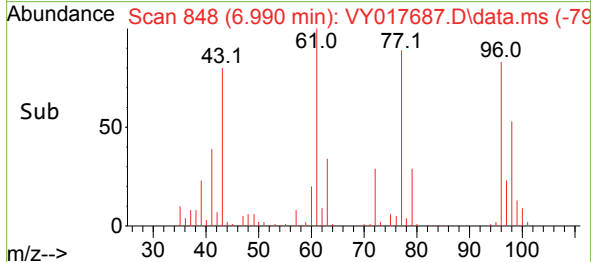
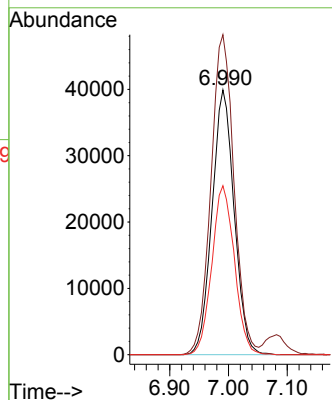
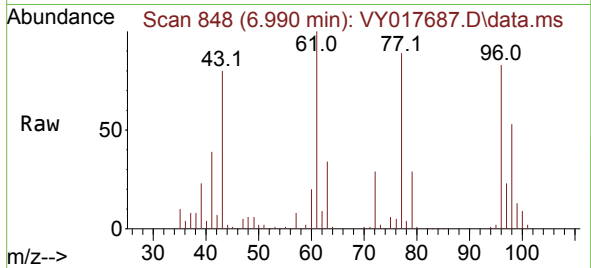
Tgt Ion: 96 Resp: 104617

Ion Ratio Lower Upper

96 100

61 125.9 0.0 256.2

98 65.0 0.0 130.0



#28

Bromochloromethane

Concen: 50.540 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

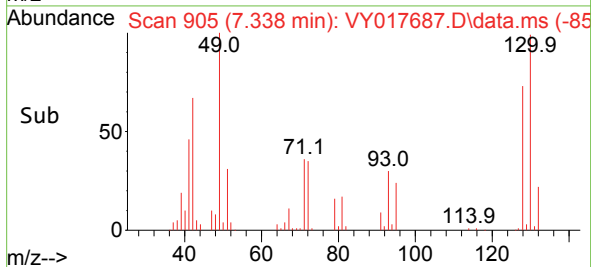
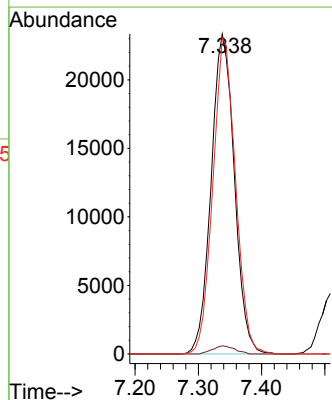
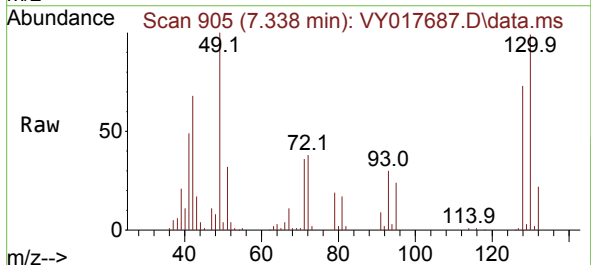
Tgt Ion: 49 Resp: 59401

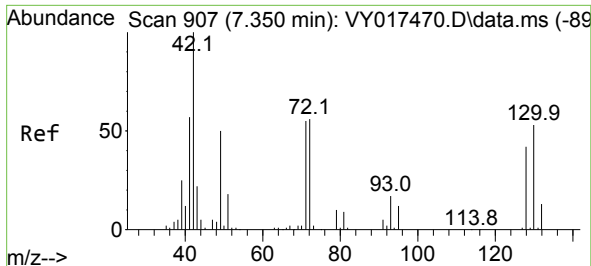
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 96.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 247.819 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

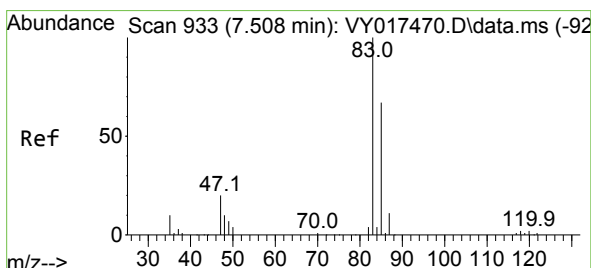
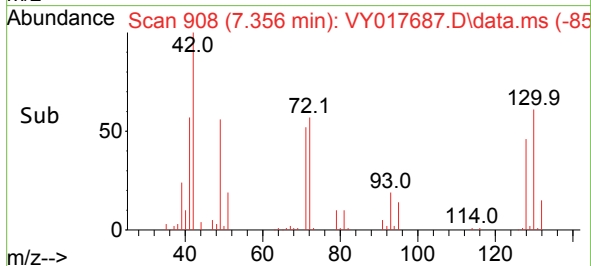
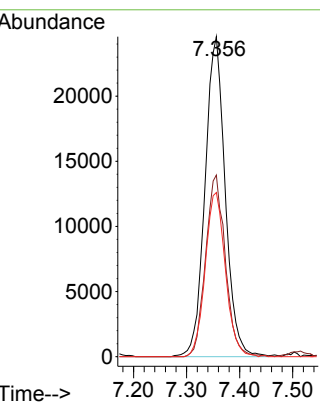
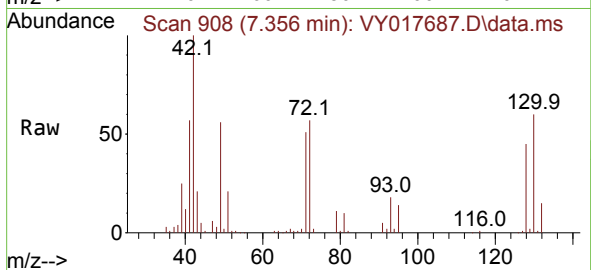
Tgt Ion: 42 Resp: 64903

Ion Ratio Lower Upper

42 100

72 55.7 43.0 64.4

71 51.3 40.8 61.2



#30

Chloroform

Concen: 50.154 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017687.D

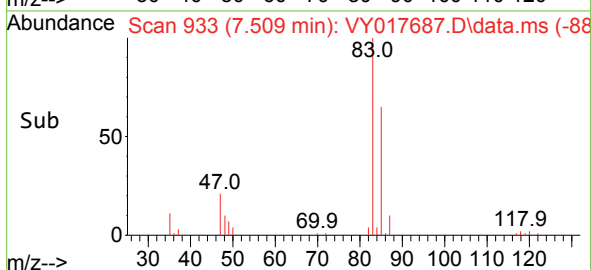
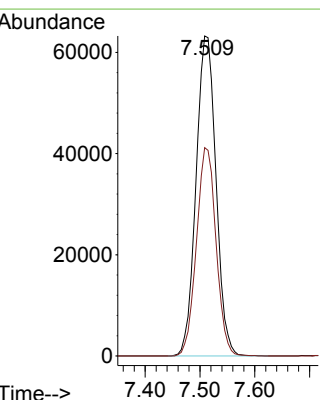
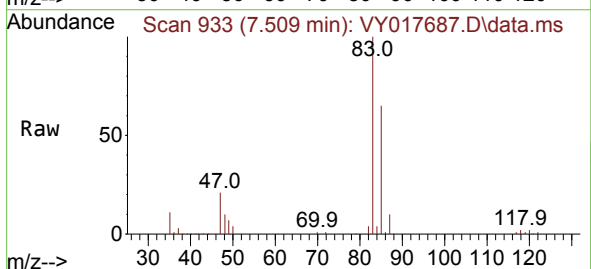
Acq: 18 Mar 2024 14:21

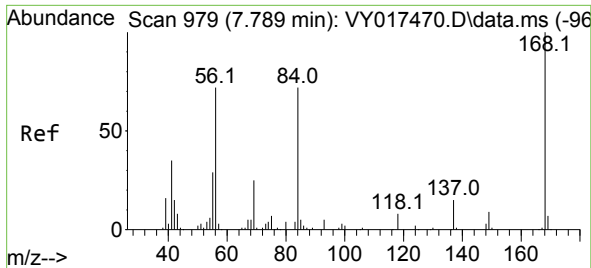
Tgt Ion: 83 Resp: 159355

Ion Ratio Lower Upper

83 100

85 65.1 52.2 78.4

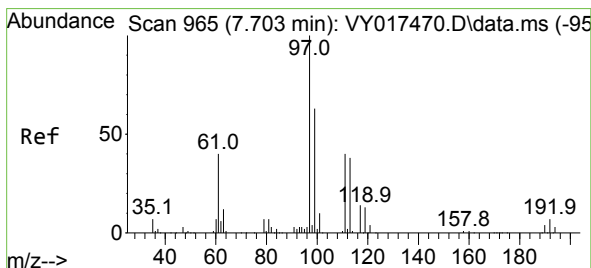
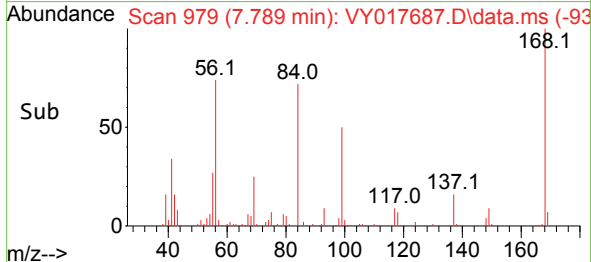
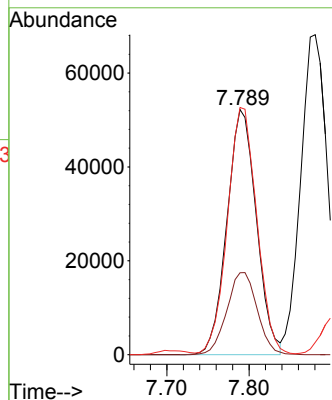
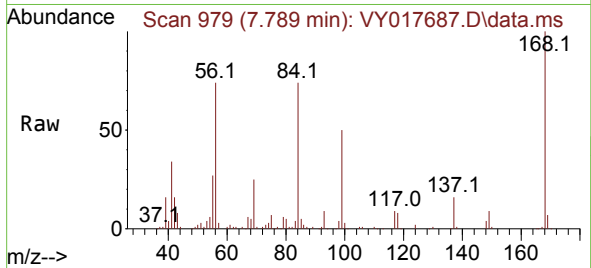




#31
Cyclohexane
Concen: 50.902 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

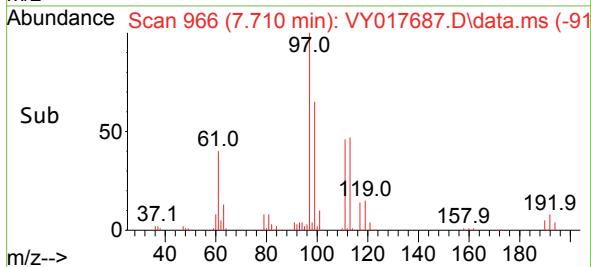
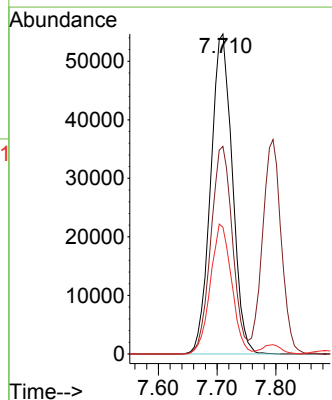
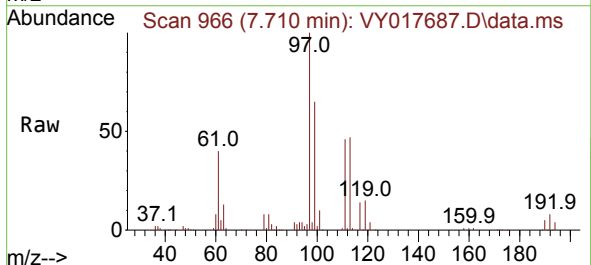
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

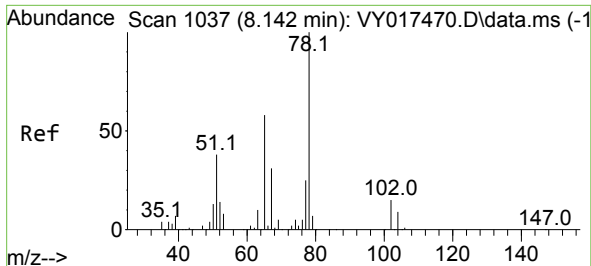
Tgt Ion: 56 Resp: 130203
Ion Ratio Lower Upper
56 100
69 33.4 28.7 43.1
84 99.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 50.694 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 97 Resp: 139840
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 39.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 43.015 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

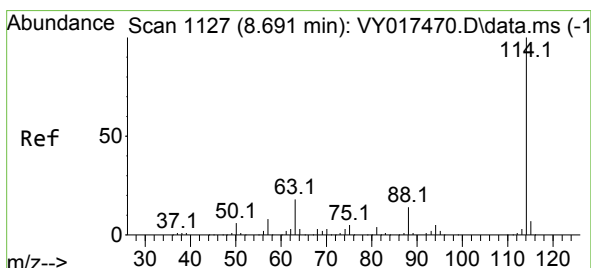
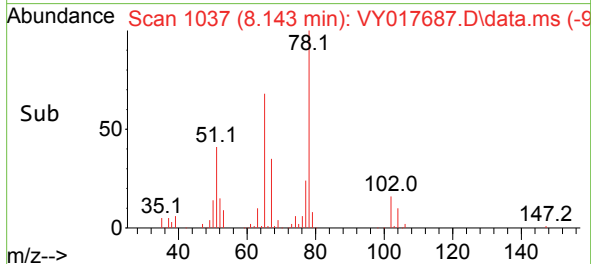
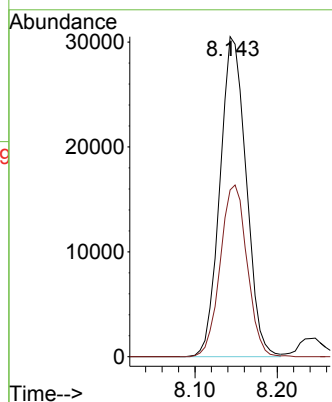
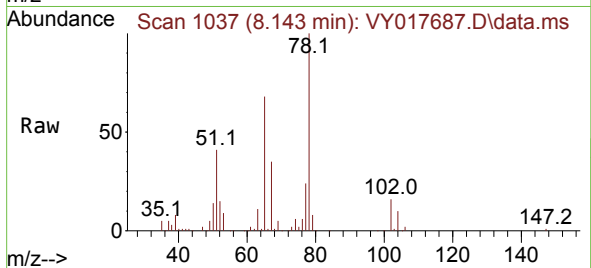
VSTDCCC050

Tgt Ion: 65 Resp: 67609

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

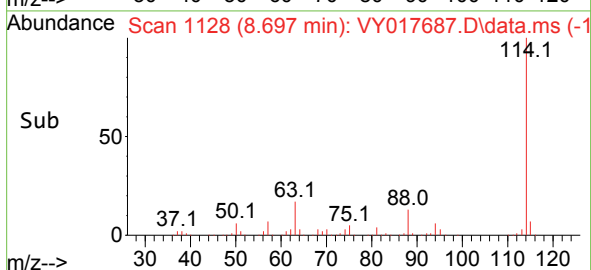
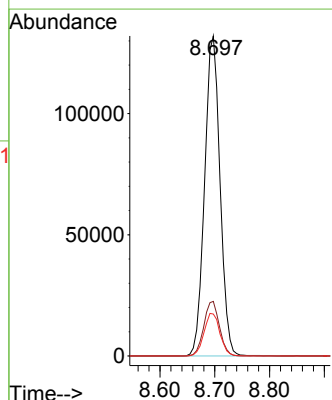
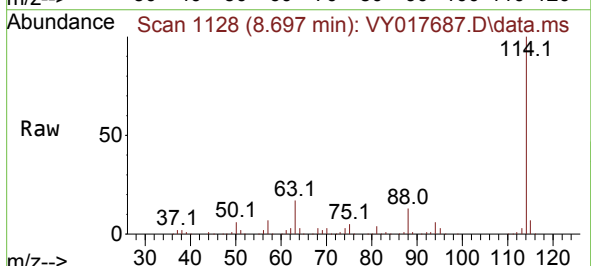
Tgt Ion: 114 Resp: 257263

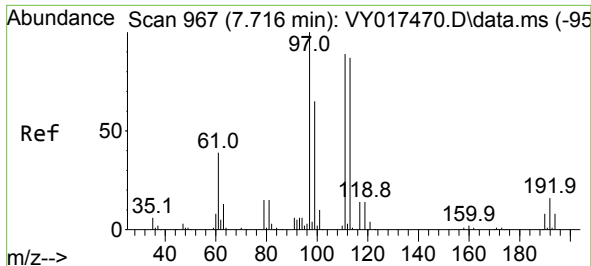
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.1 0.0 27.2

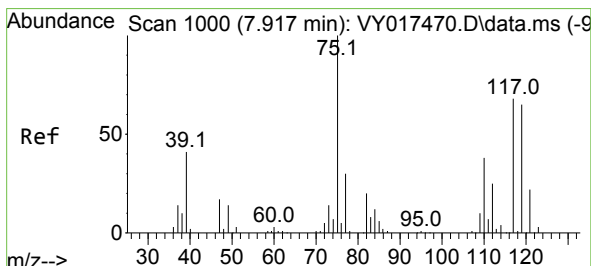
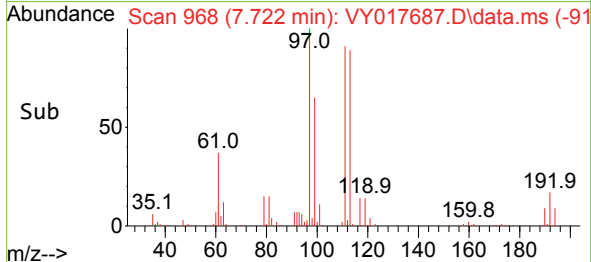
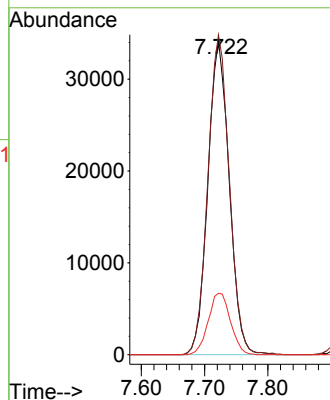
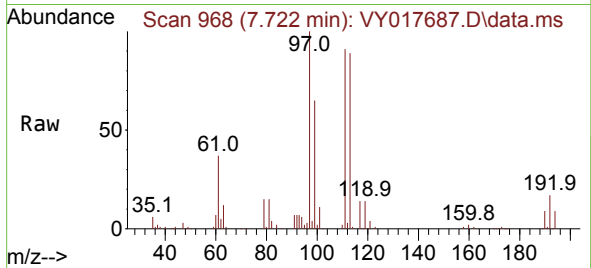




#35
Dibromofluoromethane
Concen: 44.707 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

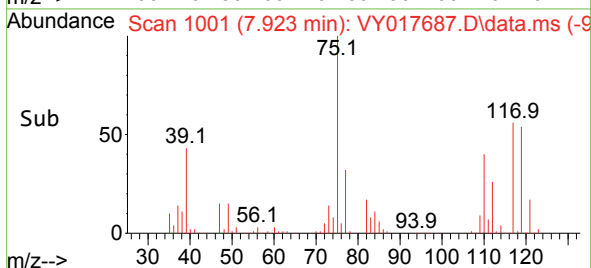
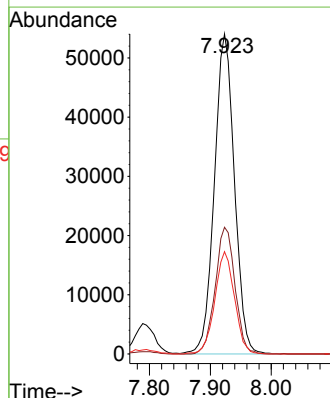
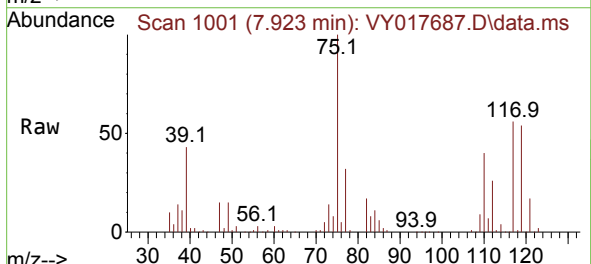
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

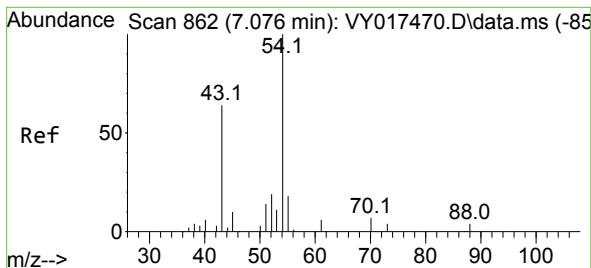
Tgt Ion:113 Resp: 80146
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 51.094 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 75 Resp: 123582
Ion Ratio Lower Upper
75 100
110 39.0 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 48.315 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

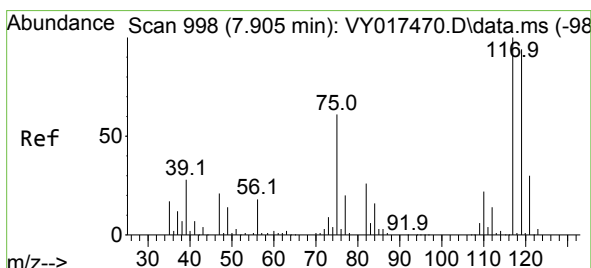
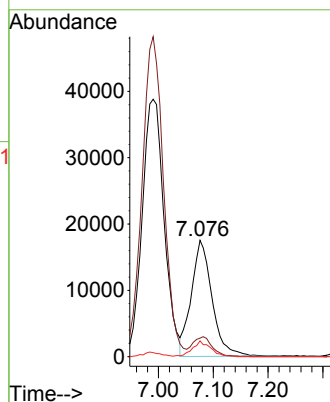
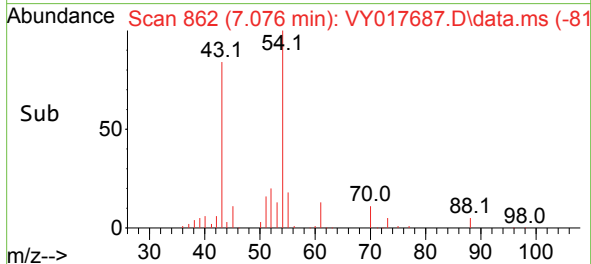
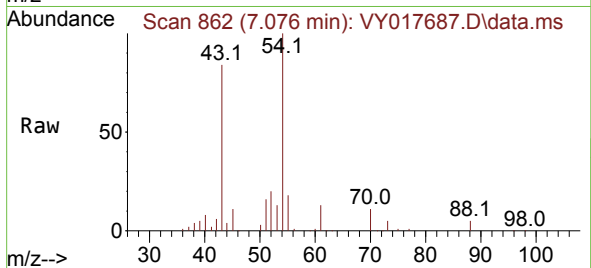
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	46156
Ion	Ratio	Lower	Upper
43	100		
61	16.3	12.6	19.0
70	11.9	7.8	11.8



#38

Carbon Tetrachloride

Concen: 52.063 ug/l

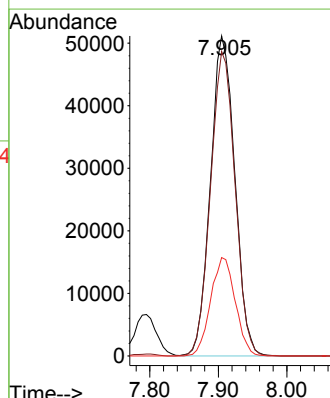
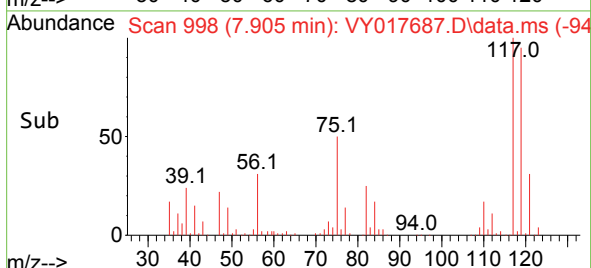
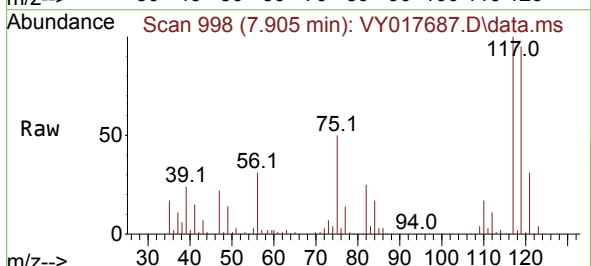
RT: 7.905 min Scan# 998

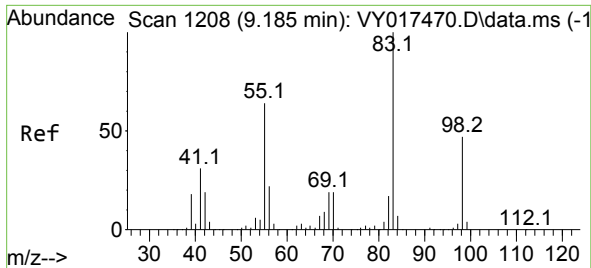
Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Tgt Ion:	117	Resp:	126206
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.6
121	30.8	24.0	36.0

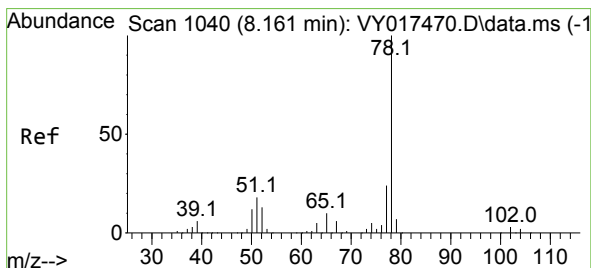
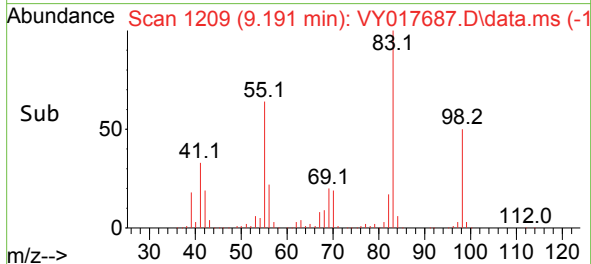
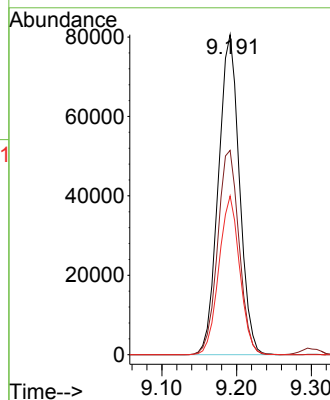
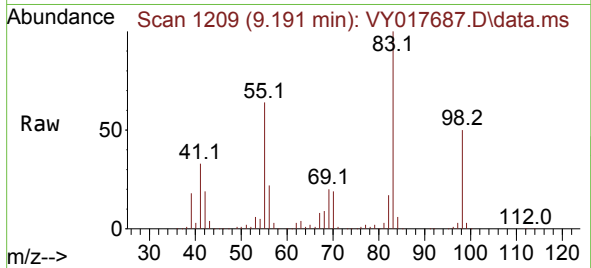




#39
Methylcyclohexane
Concen: 54.272 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

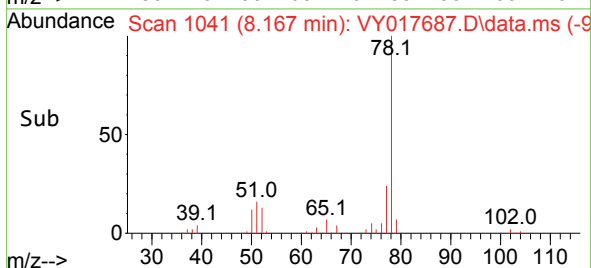
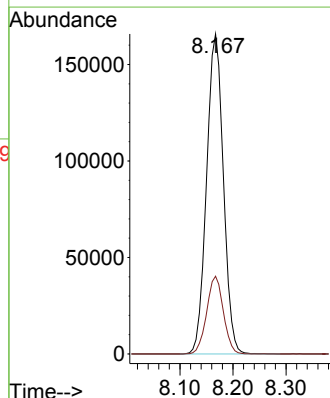
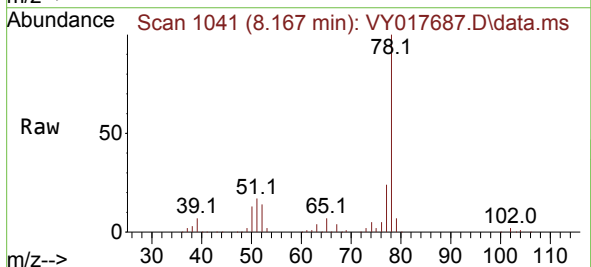
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

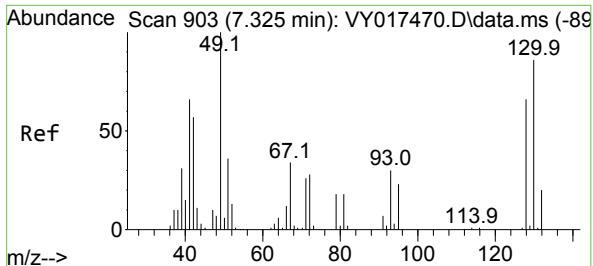
Tgt Ion: 83 Resp: 157758
Ion Ratio Lower Upper
83 100
55 63.8 51.5 77.3
98 49.6 40.5 60.7



#40
Benzene
Concen: 50.766 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 78 Resp: 364653
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

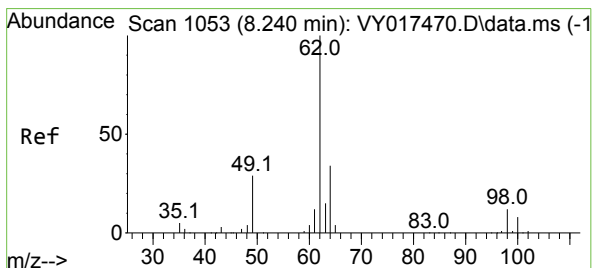
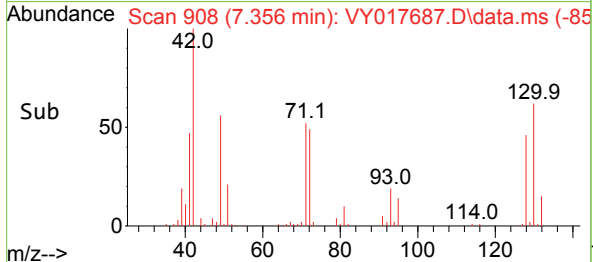
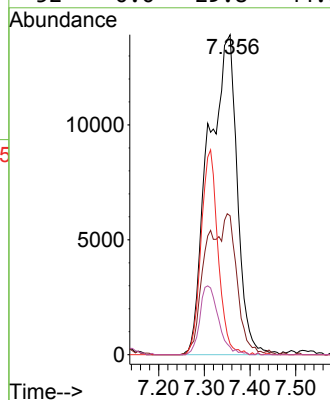
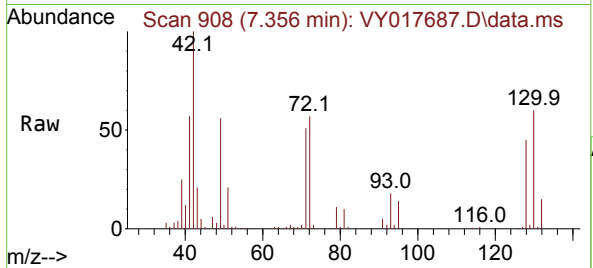




#41
Methacrylonitrile
Concen: 126.589 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.031 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

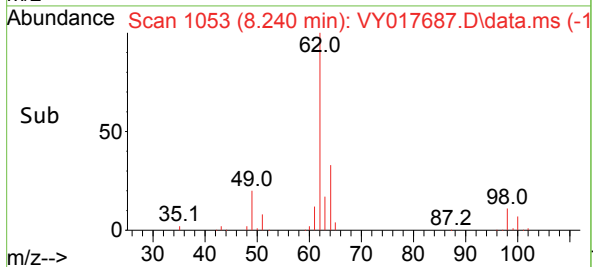
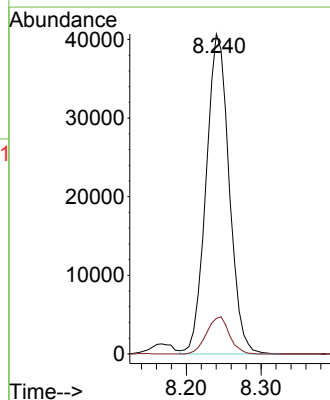
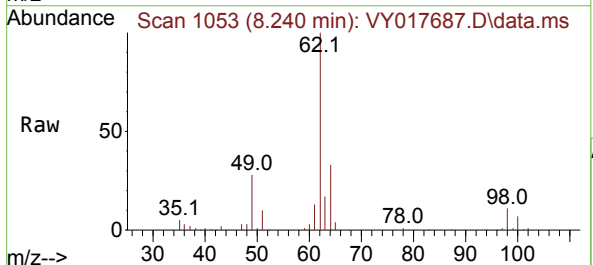
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

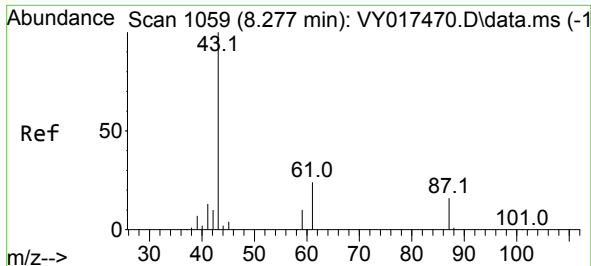
Tgt Ion: 41 Resp: 60685
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 49.833 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 62 Resp: 87334
Ion Ratio Lower Upper
62 100
98 11.4 0.0 22.0

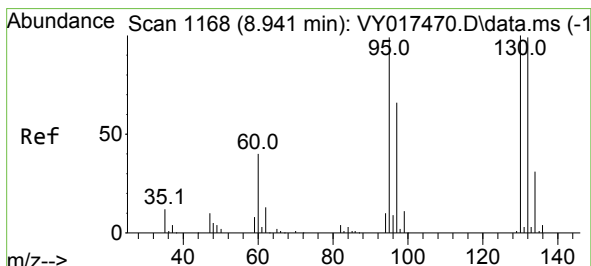
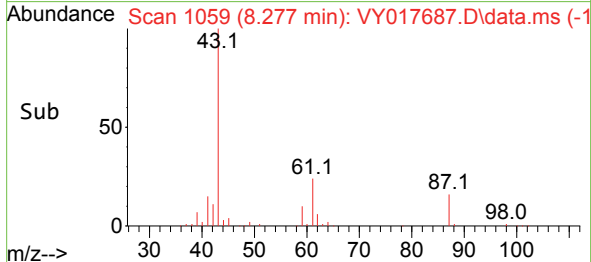
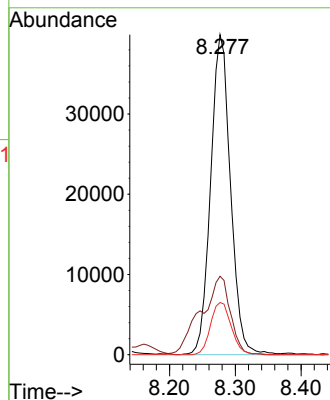
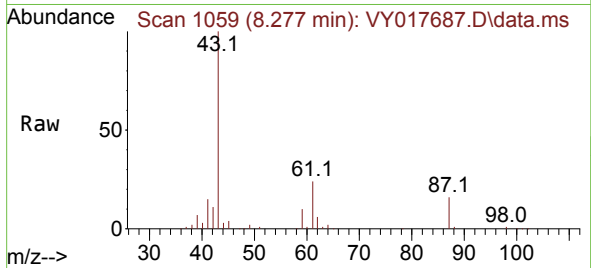




#43
Isopropyl Acetate
Concen: 49.929 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

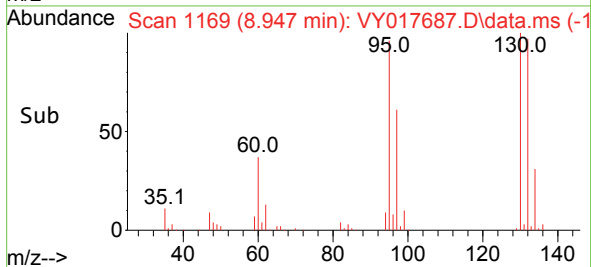
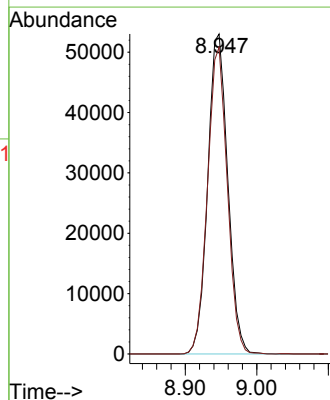
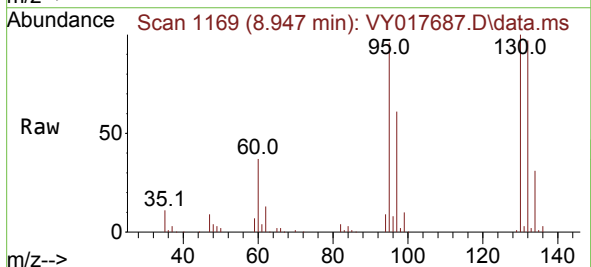
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

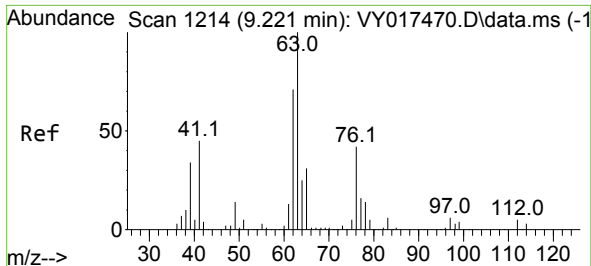
Tgt Ion: 43 Resp: 83817
Ion Ratio Lower Upper
43 100
61 35.9 27.9 41.9
87 17.1 13.1 19.7



#44
Trichloroethene
Concen: 49.897 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:130 Resp: 103305
Ion Ratio Lower Upper
130 100
95 95.9 0.0 188.0

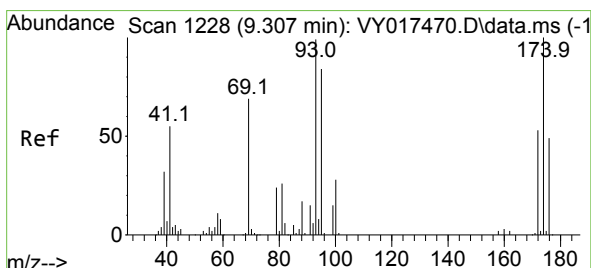
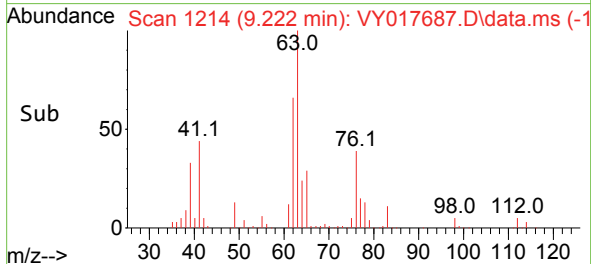
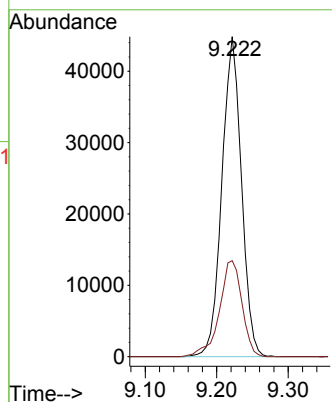
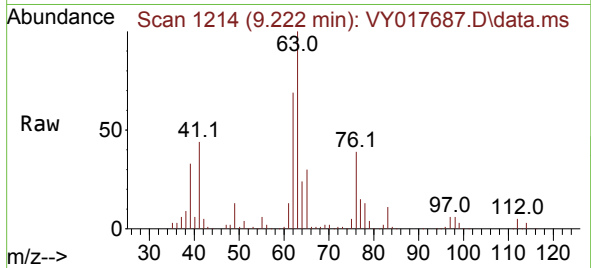




#45
1,2-Dichloropropane
Concen: 49.803 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

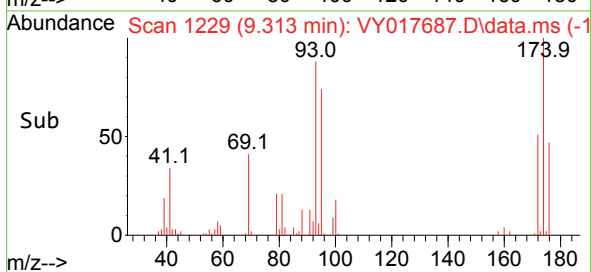
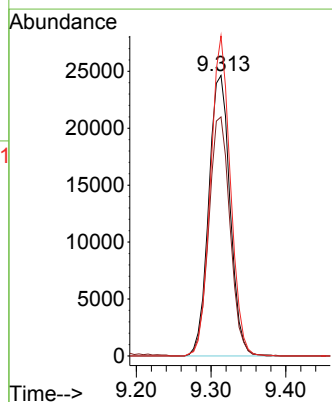
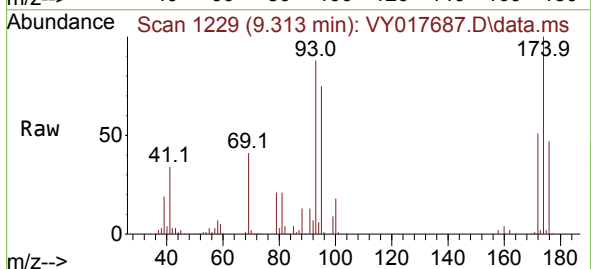
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

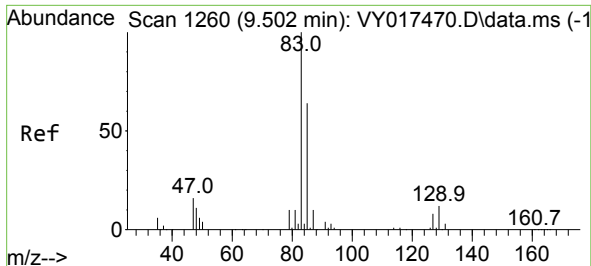
Tgt Ion: 63 Resp: 85111
Ion Ratio Lower Upper
63 100
65 30.0 25.4 38.2



#46
Dibromomethane
Concen: 49.973 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 93 Resp: 48875
Ion Ratio Lower Upper
93 100
95 84.7 66.2 99.4
174 106.8 80.9 121.3

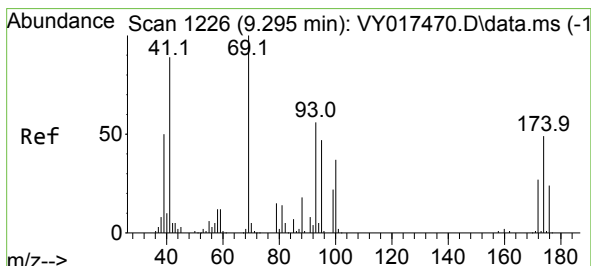
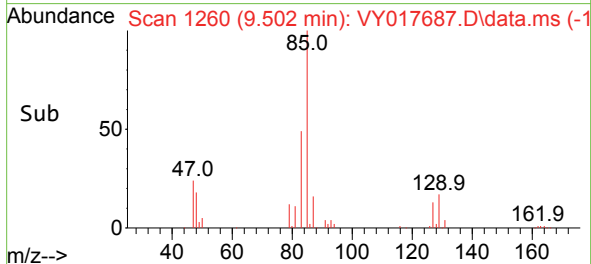
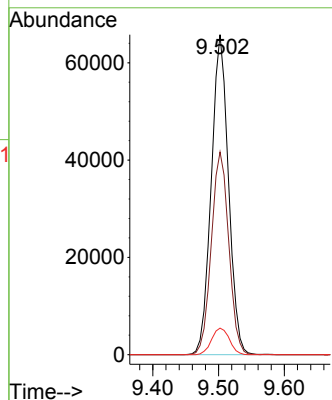
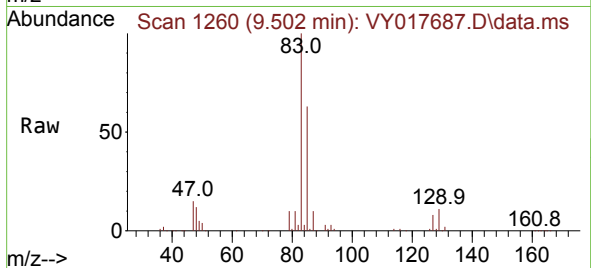




#47
Bromodichloromethane
Concen: 50.291 ug/l
RT: 9.502 min Scan# 119427
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

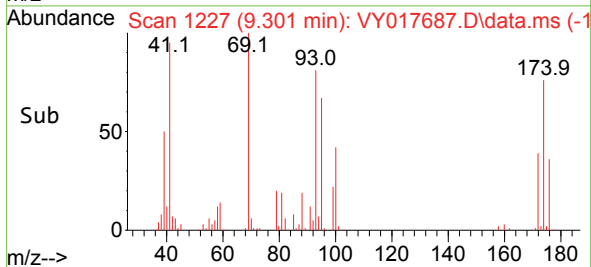
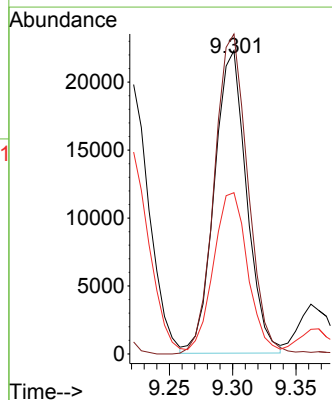
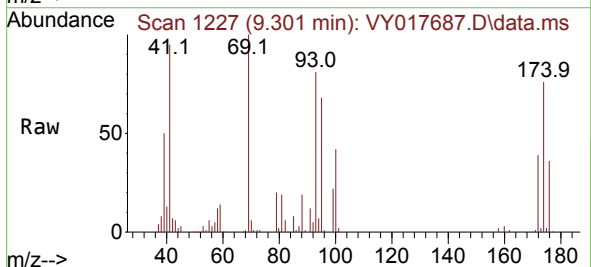
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

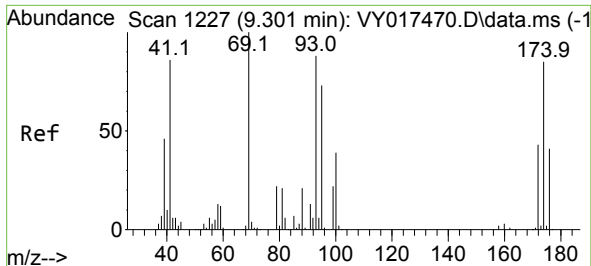
Tgt Ion: 83 Resp: 119427
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 50.843 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 41 Resp: 39507
Ion Ratio Lower Upper
41 100
69 109.9 84.1 126.1
39 53.8 43.6 65.4





#49

1,4-Dioxane

Concen: 979.354 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

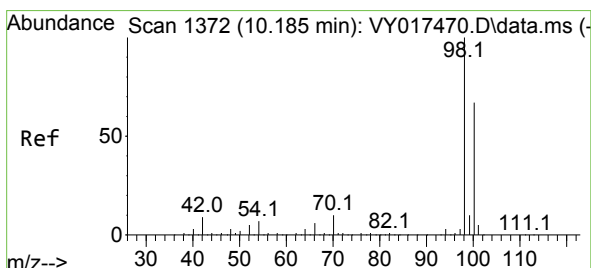
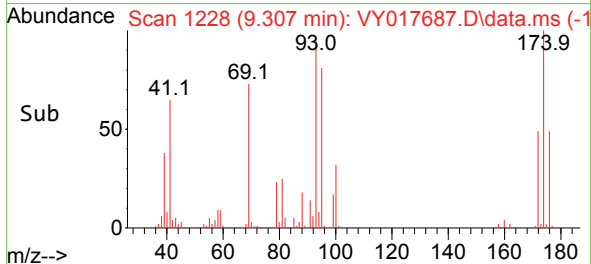
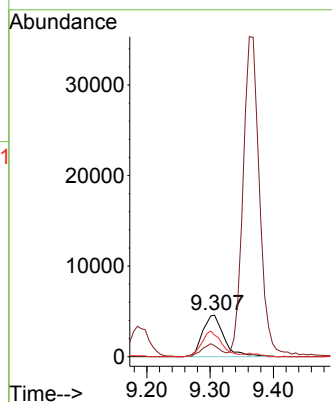
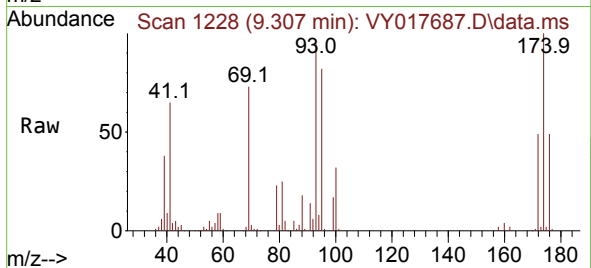
Tgt Ion: 88 Resp: 10840

Ion Ratio Lower Upper

88 100

43 25.8 0.0 0.0#

58 58.7 49.3 73.9



#50

Toluene-d8

Concen: 47.692 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017687.D

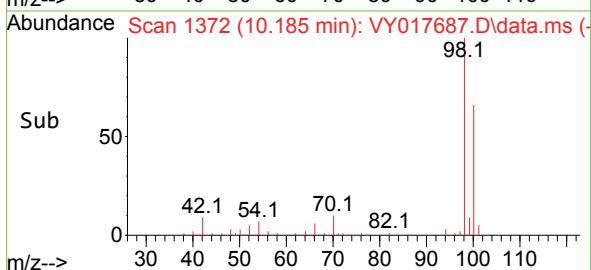
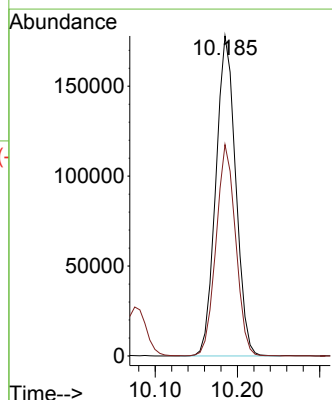
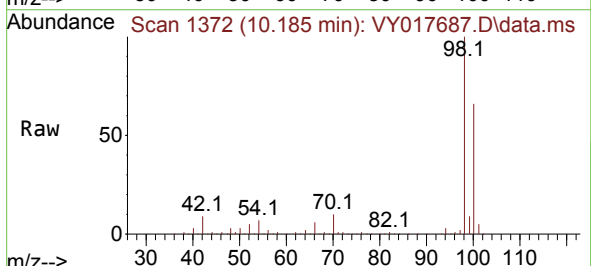
Acq: 18 Mar 2024 14:21

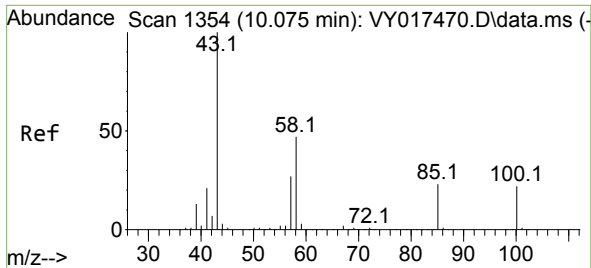
Tgt Ion: 98 Resp: 298931

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

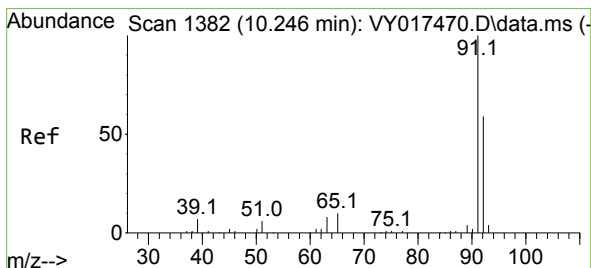
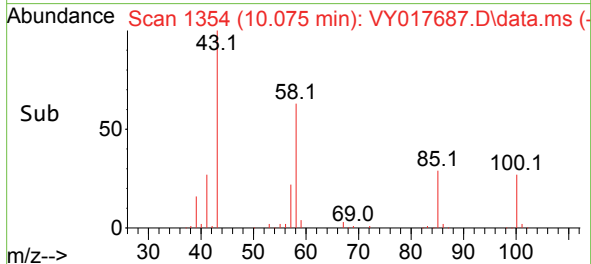
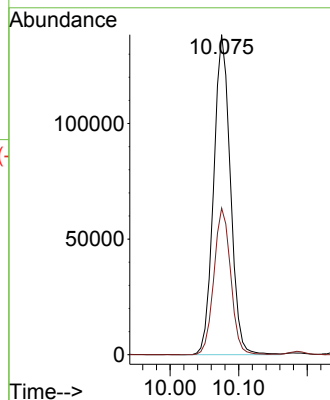
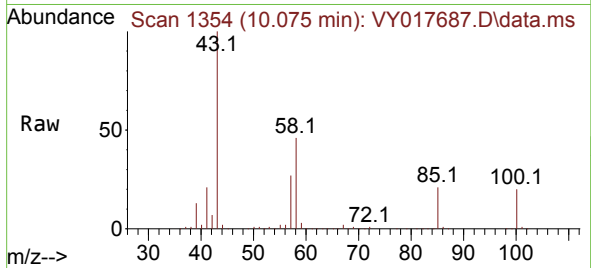




#51
4-Methyl-2-Pentanone
Concen: 250.181 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

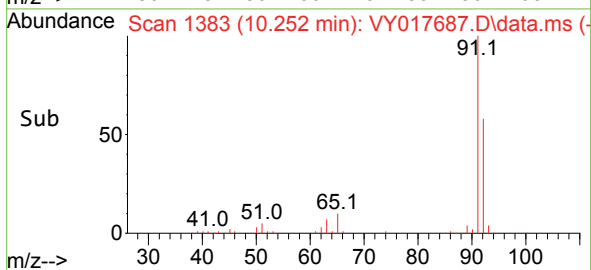
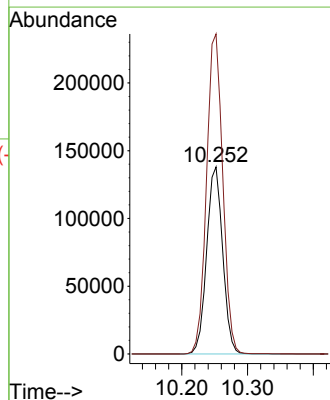
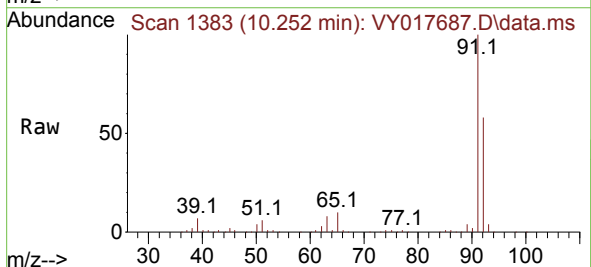
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

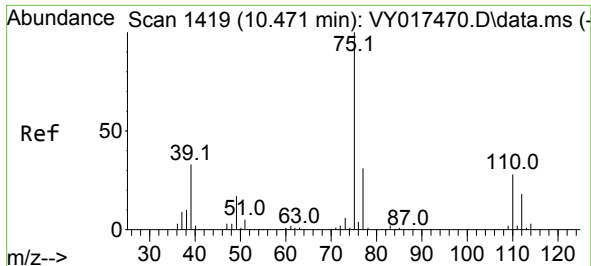
Tgt Ion: 43 Resp: 234070
Ion Ratio Lower Upper
43 100
58 45.9 35.7 53.5



#52
Toluene
Concen: 51.551 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 92 Resp: 233433
Ion Ratio Lower Upper
92 100
91 173.5 139.0 208.6

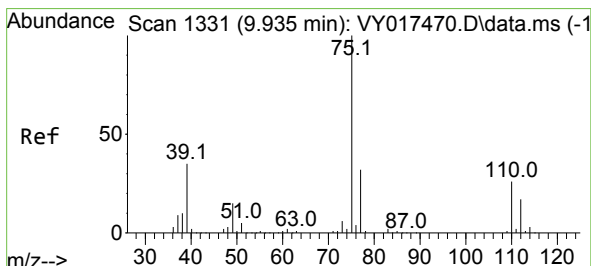
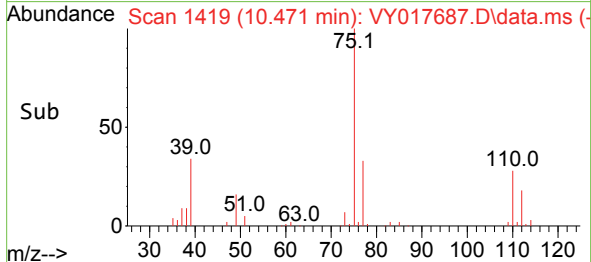
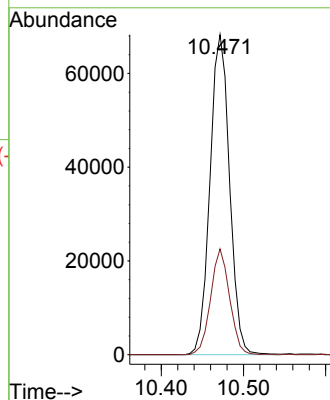
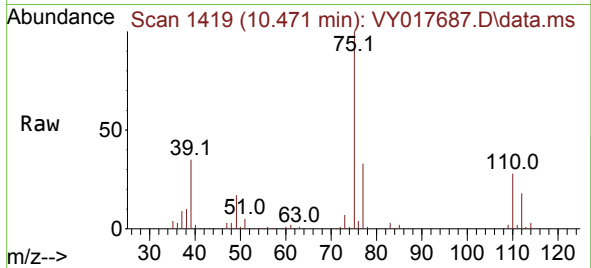




#53
t-1,3-Dichloropropene
Concen: 51.277 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

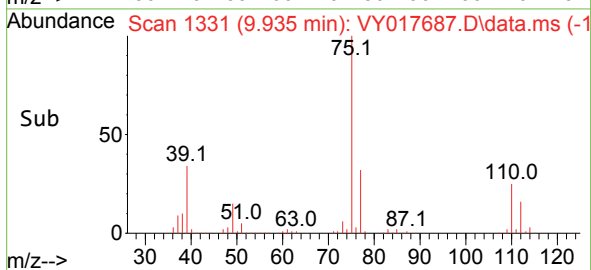
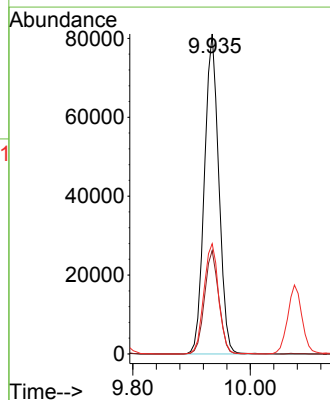
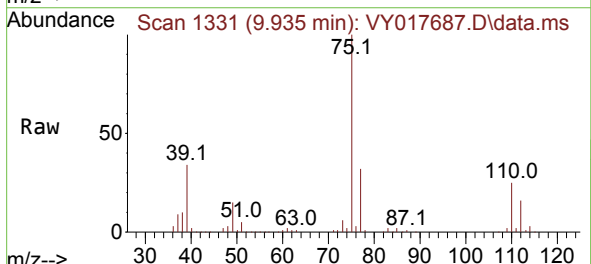
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

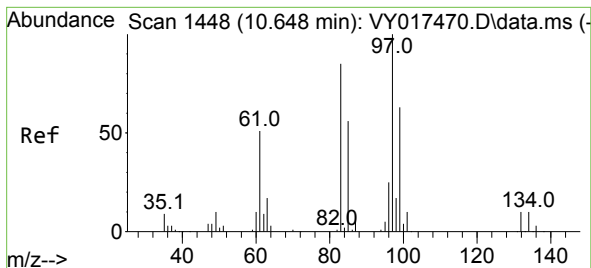
Tgt Ion: 75 Resp: 113023
Ion Ratio Lower Upper
75 100
77 33.0 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 51.571 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 75 Resp: 138120
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
39 34.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 49.206 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 68328

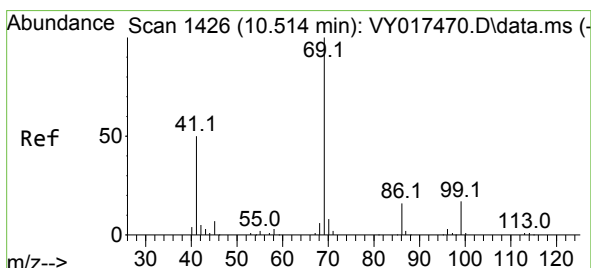
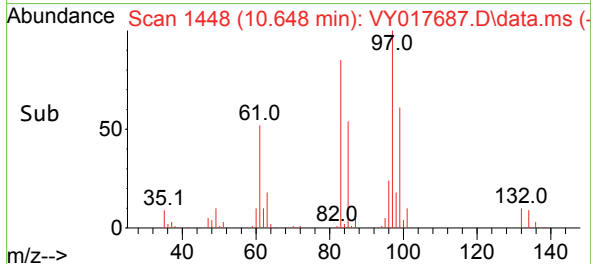
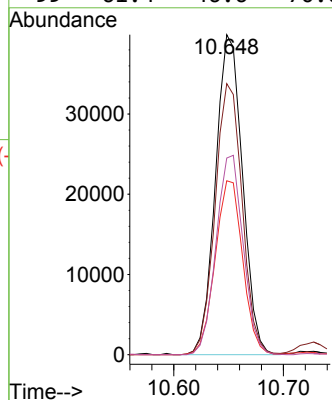
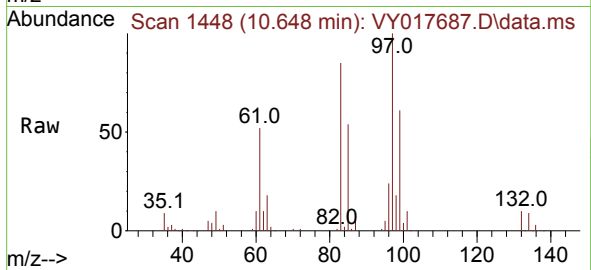
Ion Ratio Lower Upper

97 100

83 84.7 67.5 101.3

85 54.4 42.9 64.3

99 61.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 47.636 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

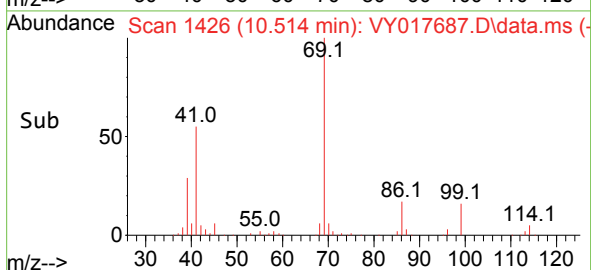
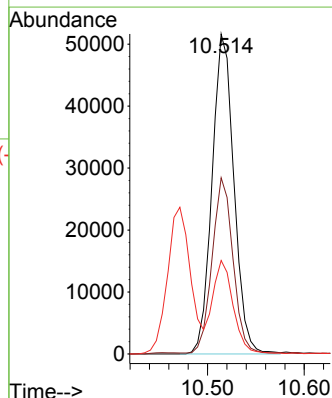
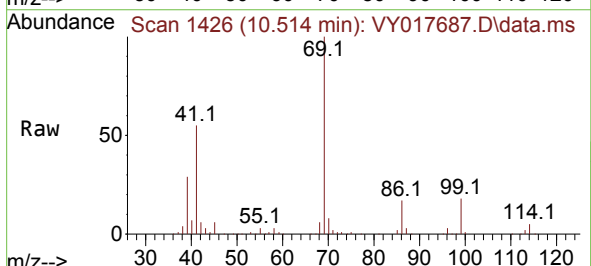
Tgt Ion: 69 Resp: 81162

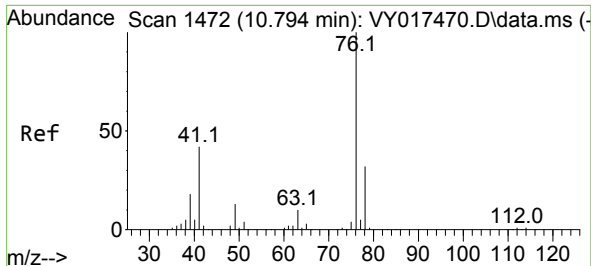
Ion Ratio Lower Upper

69 100

41 52.5 42.3 63.5

39 27.3 22.9 34.3





#57

1,3-Dichloropropane

Concen: 49.844 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

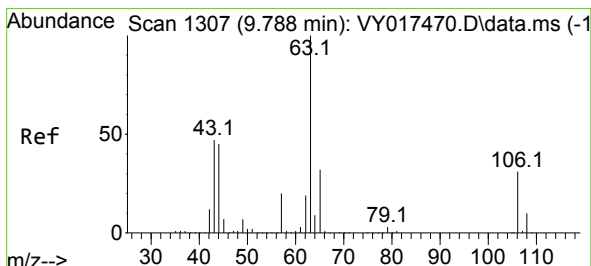
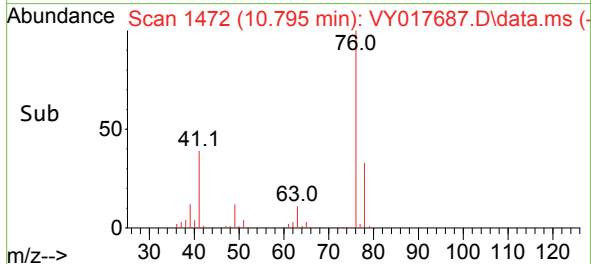
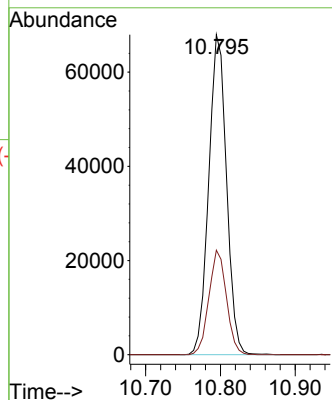
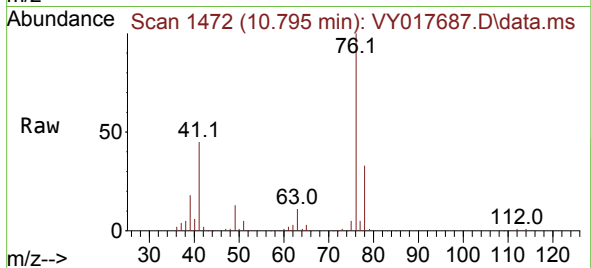
VSTDCCC050

Tgt Ion: 76 Resp: 112534

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 252.375 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017687.D

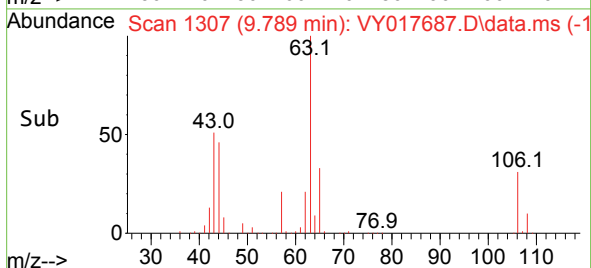
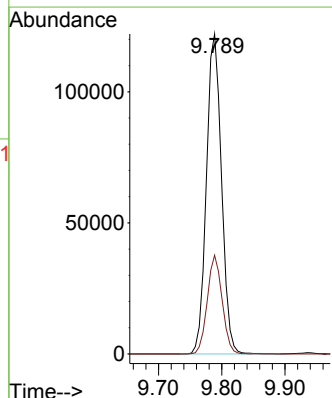
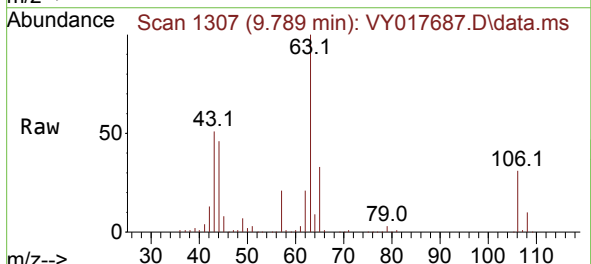
Acq: 18 Mar 2024 14:21

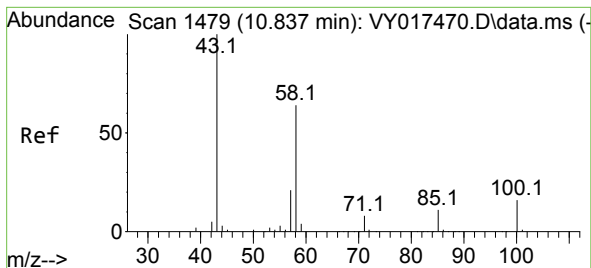
Tgt Ion: 63 Resp: 202229

Ion Ratio Lower Upper

63 100

106 30.3 23.7 35.5

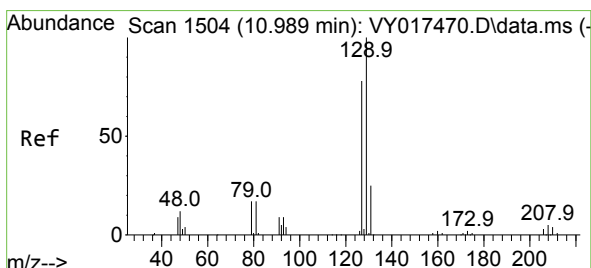
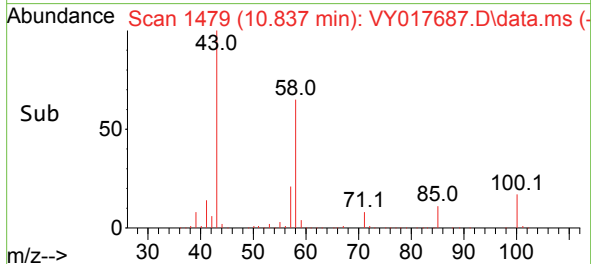
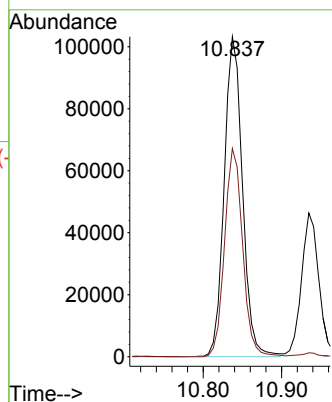
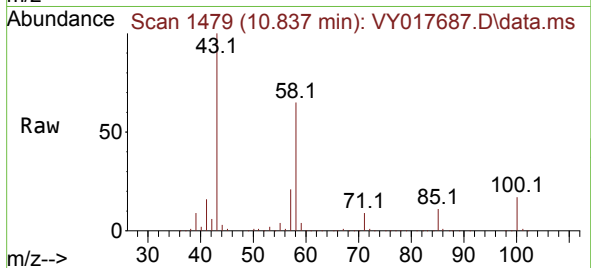




#59
2-Hexanone
Concen: 260.515 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

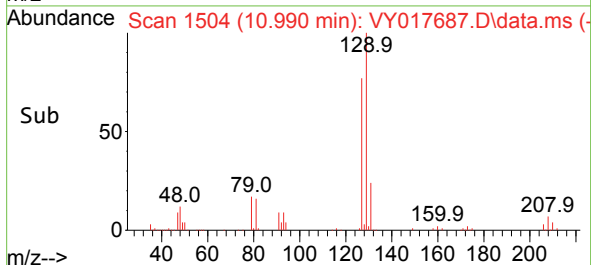
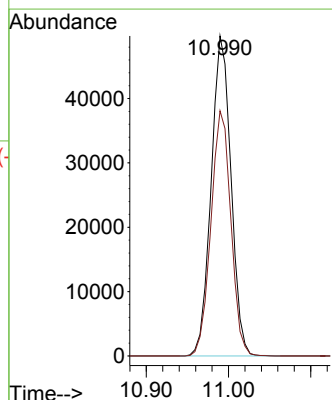
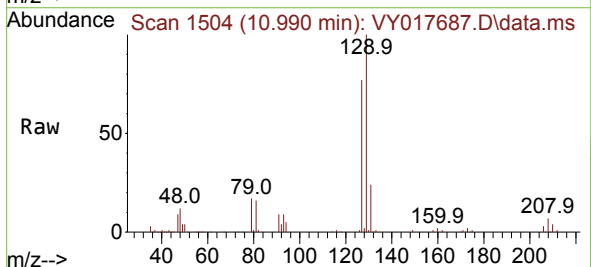
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

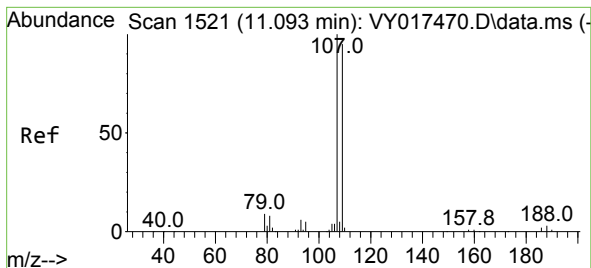
Tgt Ion: 43 Resp: 167419
Ion Ratio Lower Upper
43 100
58 64.3 31.4 94.0



#60
Dibromochloromethane
Concen: 50.671 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:129 Resp: 83239
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

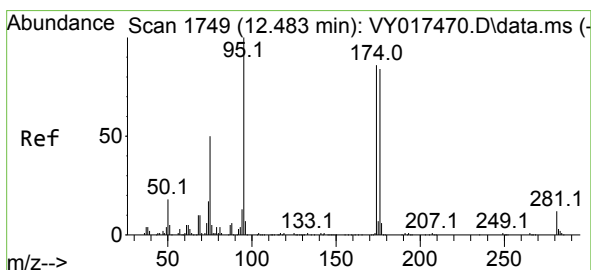
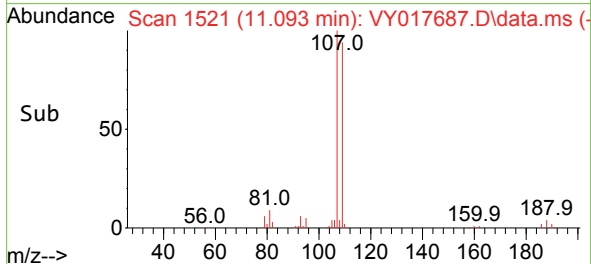
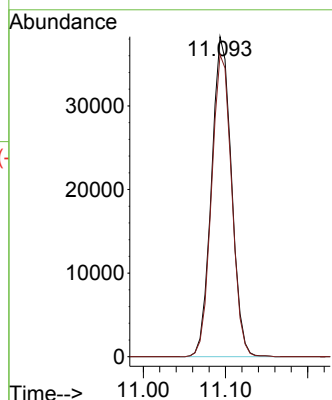
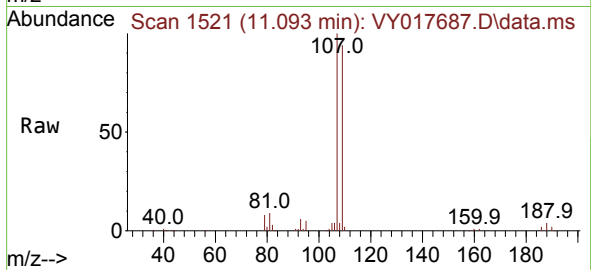




#61
1,2-Dibromoethane
Concen: 50.498 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

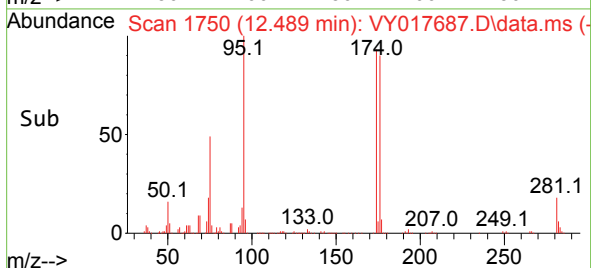
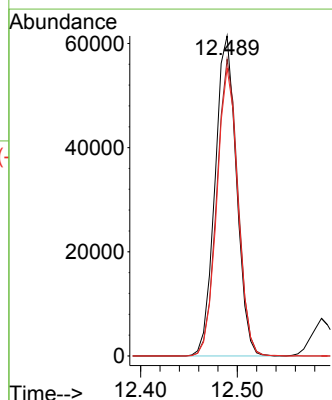
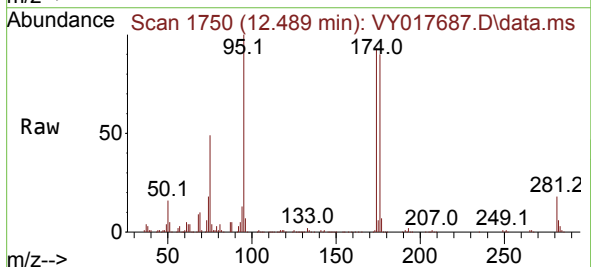
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

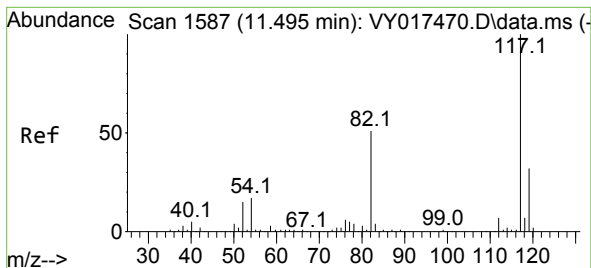
Tgt Ion:107 Resp: 64621
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.985 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 95 Resp: 94522
Ion Ratio Lower Upper
95 100
174 91.6 0.0 175.6
176 88.4 0.0 171.4

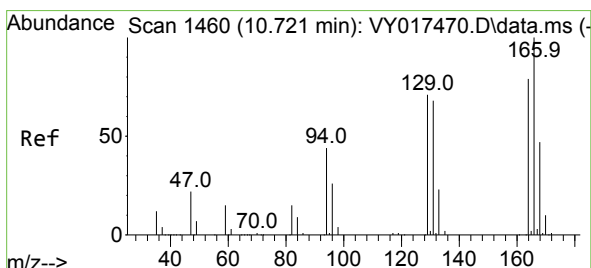
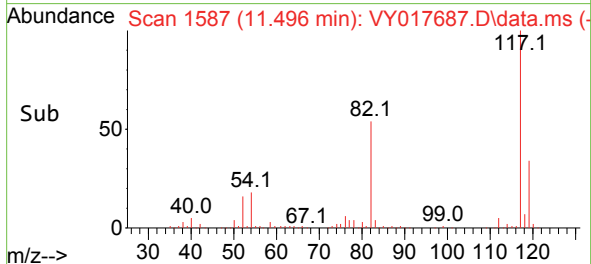
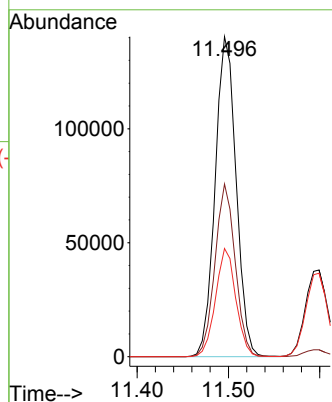
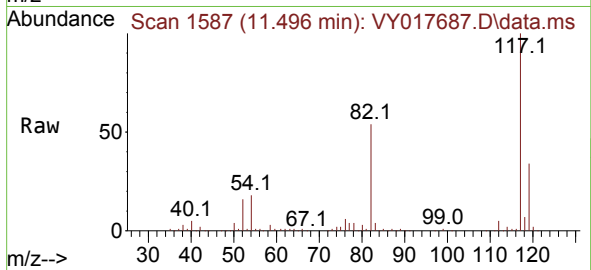




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

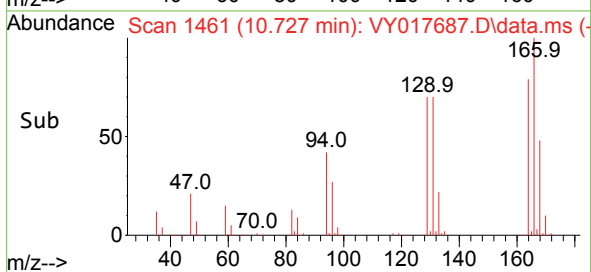
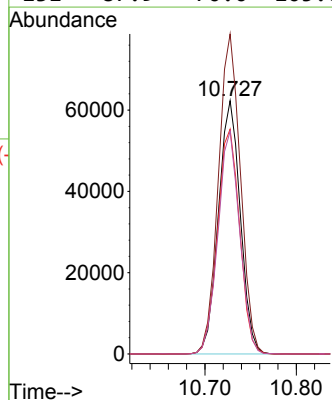
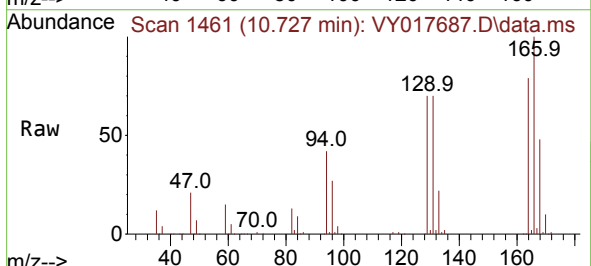
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

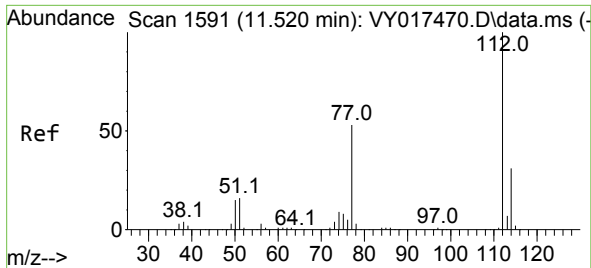
Tgt Ion:117 Resp: 224493
Ion Ratio Lower Upper
117 100
82 53.9 42.4 63.6
119 33.8 25.9 38.9



#64
Tetrachloroethene
Concen: 48.106 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:164 Resp: 103655
Ion Ratio Lower Upper
164 100
166 126.3 102.6 154.0
129 88.8 72.0 108.0
131 87.9 70.0 105.0

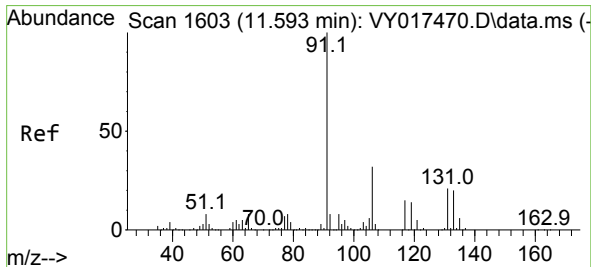
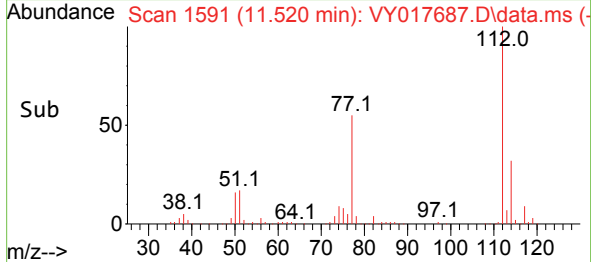
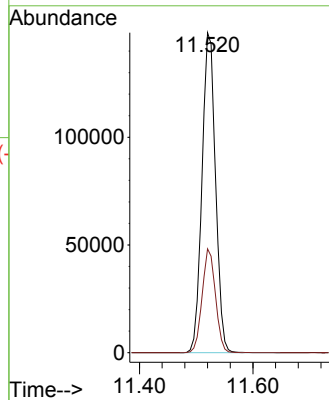
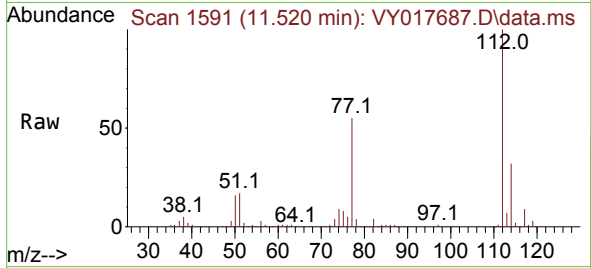




#65
Chlorobenzene
Concen: 51.434 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

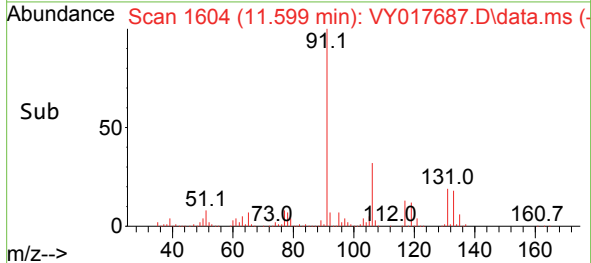
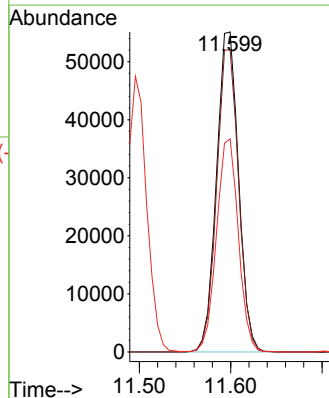
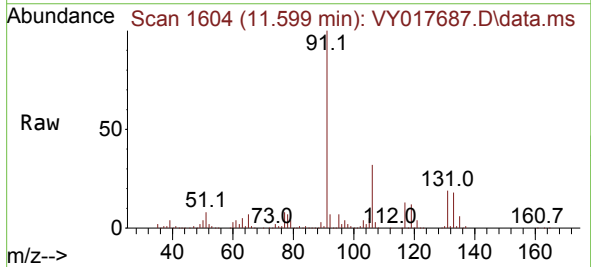
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

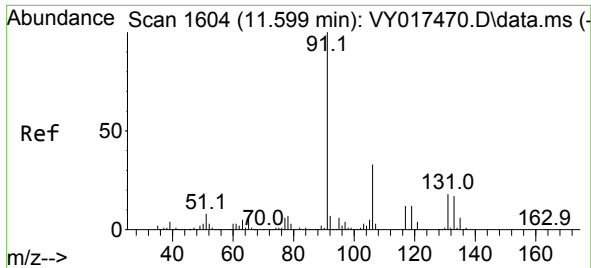
Tgt Ion:112 Resp: 245083
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.729 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:131 Resp: 92344
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.3
119 66.2 34.1 102.2

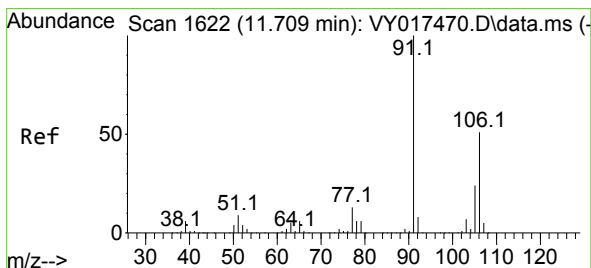
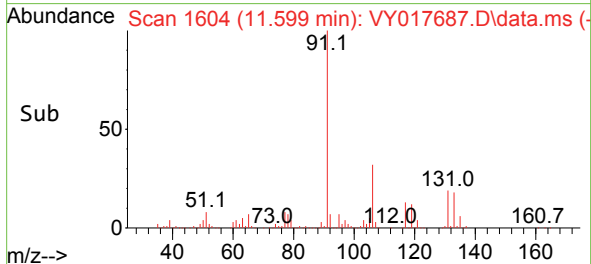
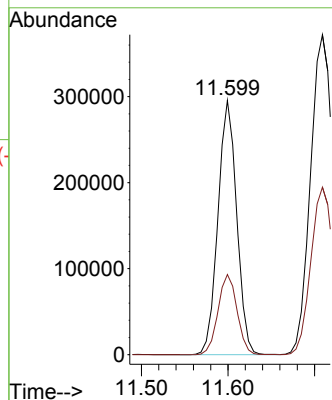
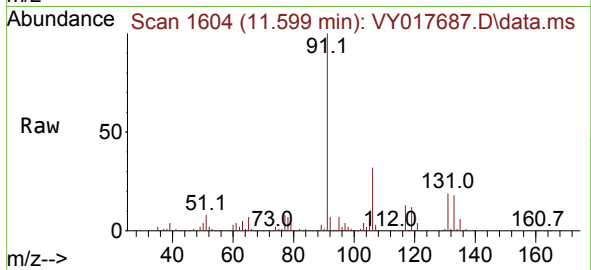




#67
Ethyl Benzene
Concen: 53.161 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

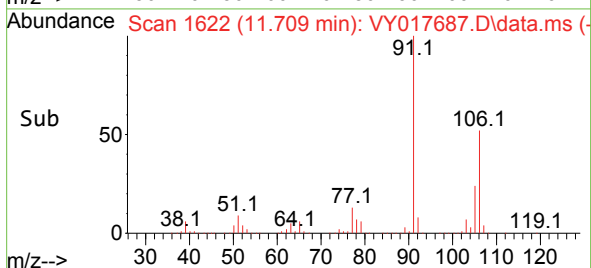
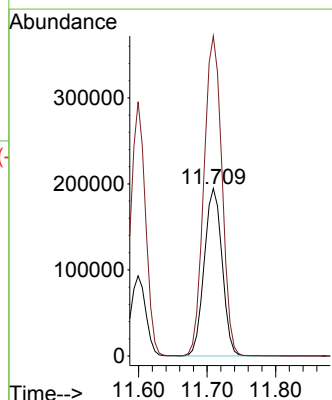
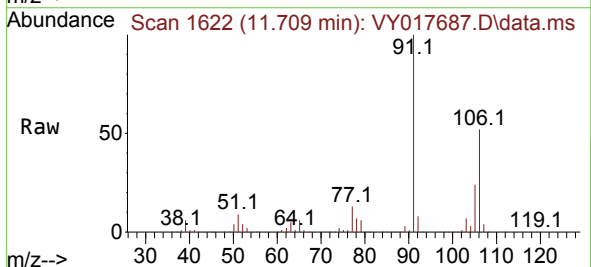
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

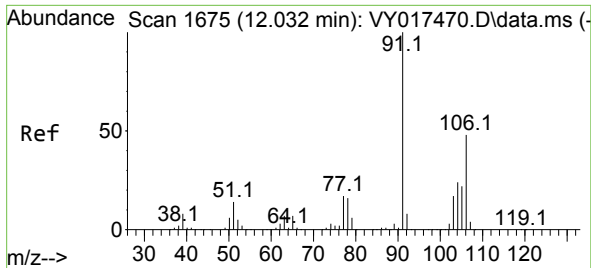
Tgt Ion: 91 Resp: 444250
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7



#68
m/p-Xylenes
Concen: 107.816 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 106 Resp: 354033
Ion Ratio Lower Upper
106 100
91 192.5 156.0 234.0

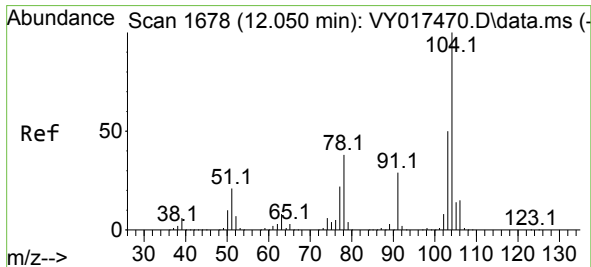
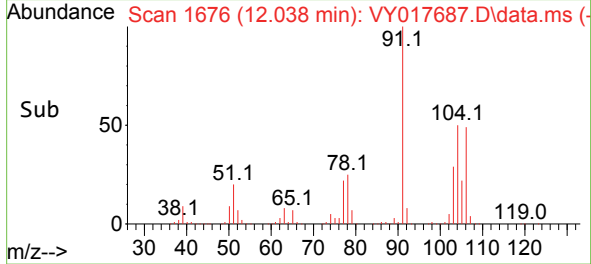
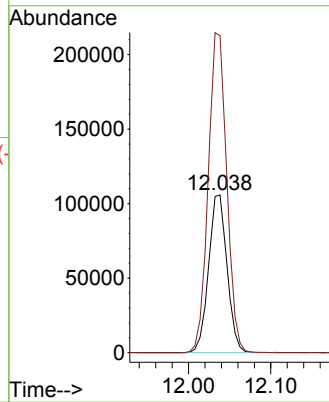
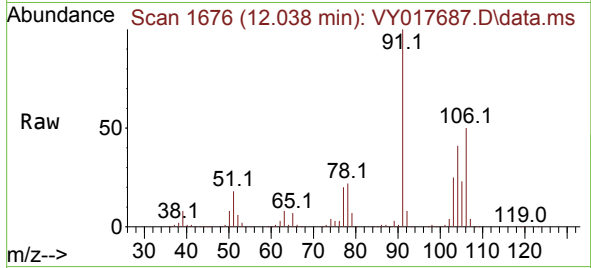




#69
o-Xylene
Concen: 54.096 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

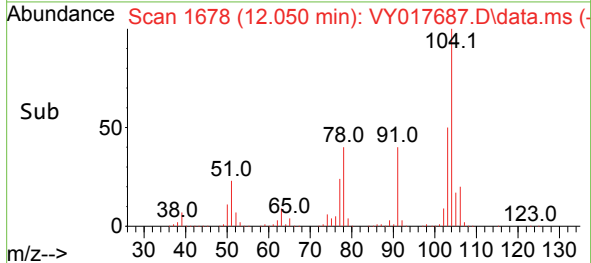
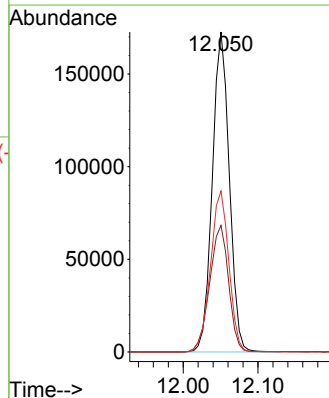
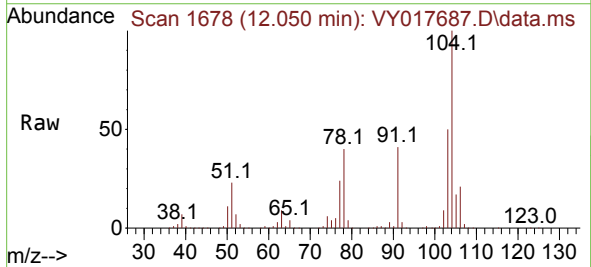
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

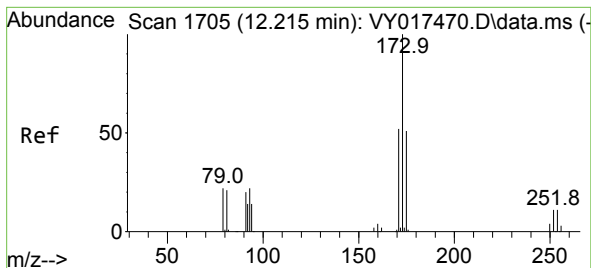
Tgt Ion:106 Resp: 164797
Ion Ratio Lower Upper
106 100
91 203.7 103.6 310.8



#70
Styrene
Concen: 53.897 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:104 Resp: 272542
Ion Ratio Lower Upper
104 100
78 44.1 37.0 55.4
103 54.4 44.2 66.2





#71

Bromoform

Concen: 52.444 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

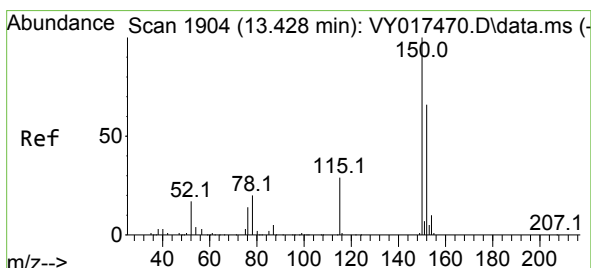
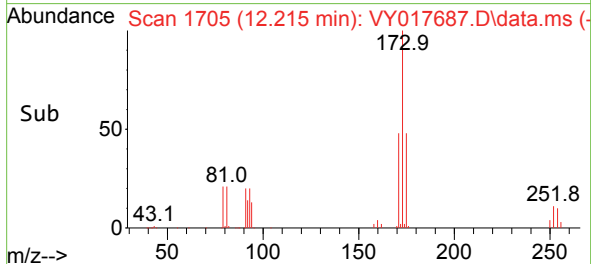
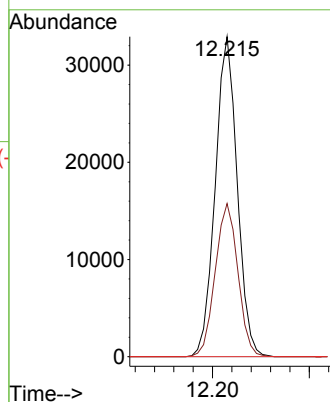
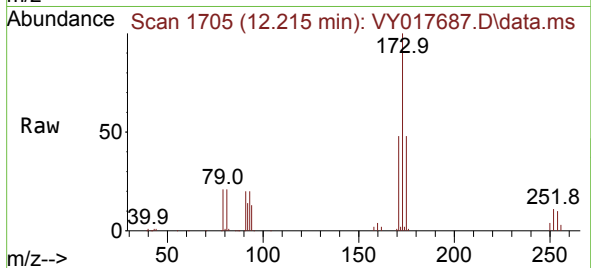
Tgt Ion:173 Resp: 51879

Ion Ratio Lower Upper

173 100

175 49.3 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

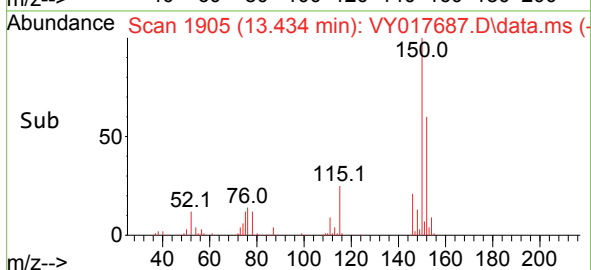
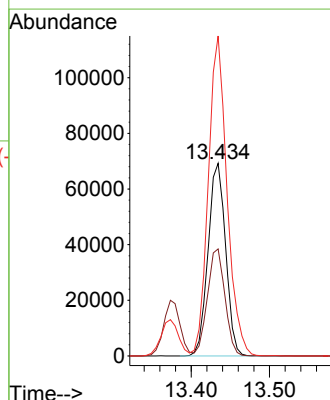
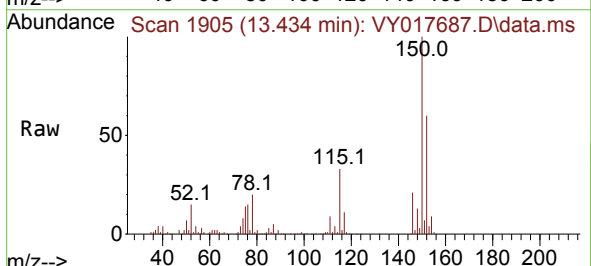
Tgt Ion:152 Resp: 107738

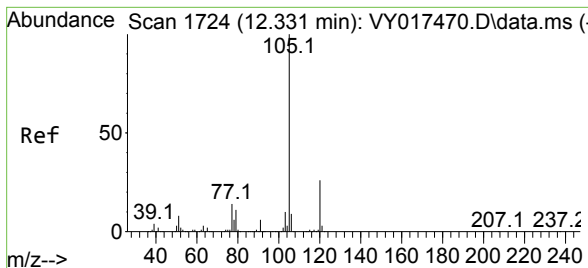
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 176.7 0.0 345.6





#73

Isopropylbenzene

Concen: 53.977 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

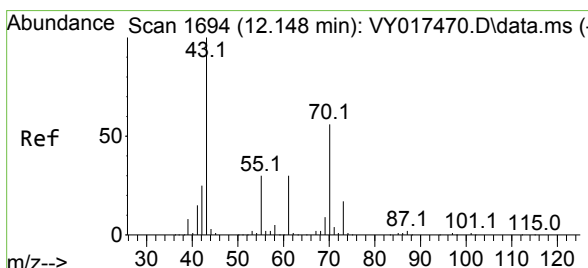
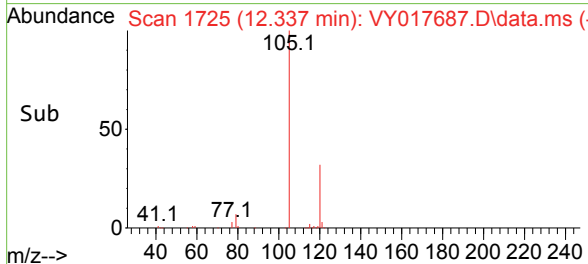
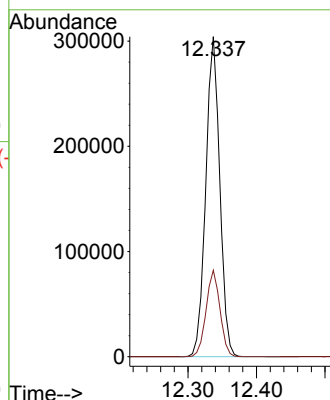
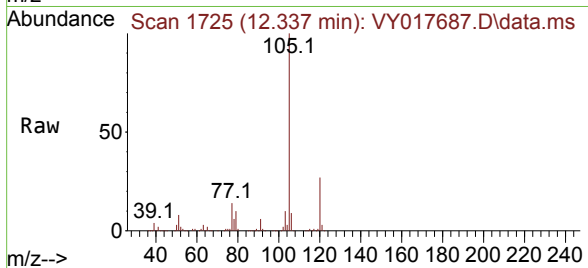
VSTDCCC050

Tgt Ion:105 Resp: 432041

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 52.152 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Tgt Ion: 43 Resp: 73624

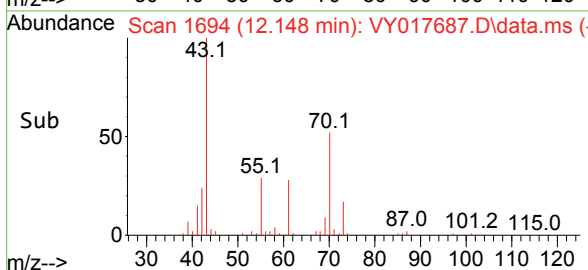
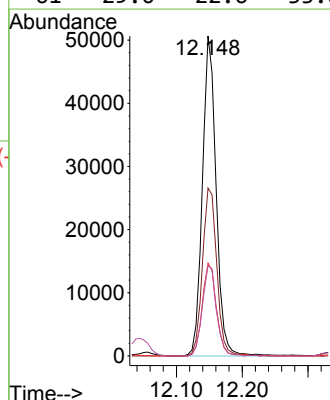
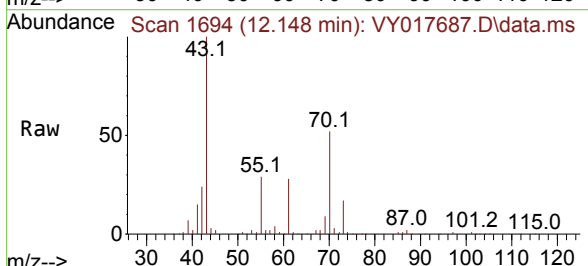
Ion Ratio Lower Upper

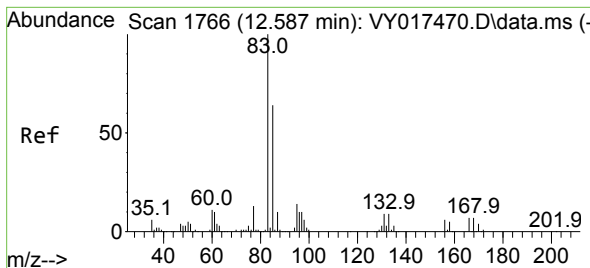
43 100

70 55.0 41.4 62.2

55 30.0 23.3 34.9

61 29.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.581 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

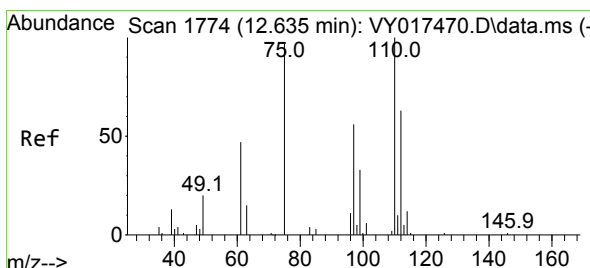
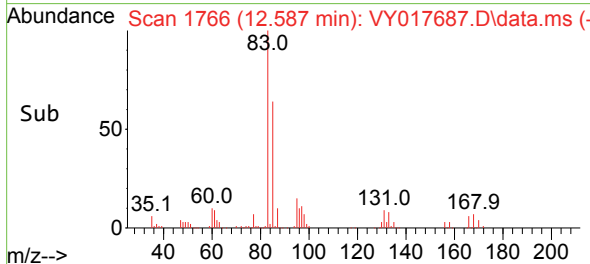
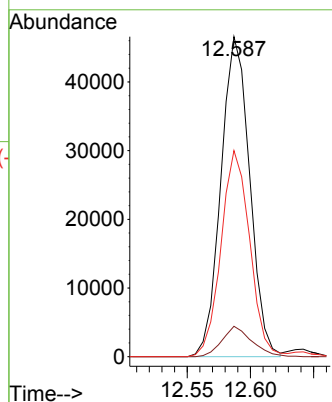
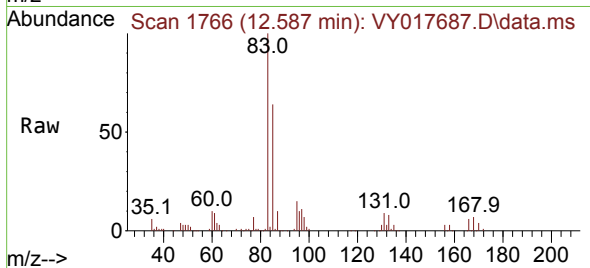
Tgt Ion: 83 Resp: 73647

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 64.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 89.864 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017687.D

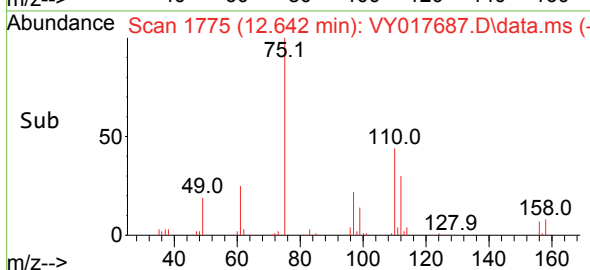
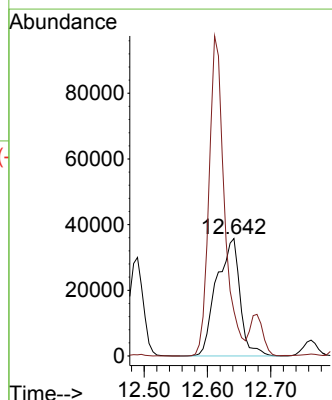
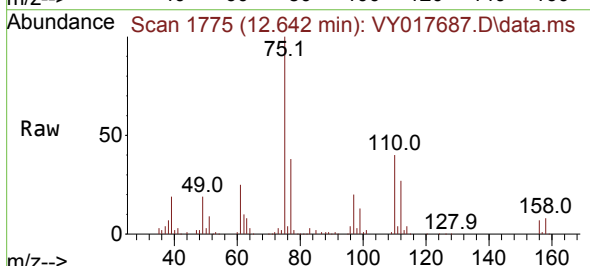
Acq: 18 Mar 2024 14:21

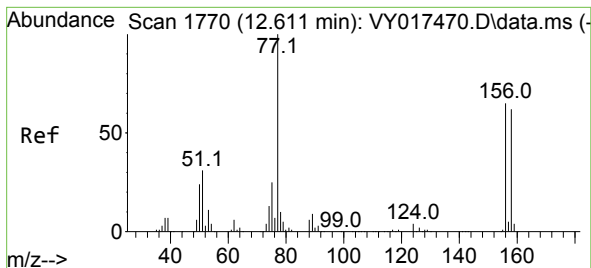
Tgt Ion: 75 Resp: 91991

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.199 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

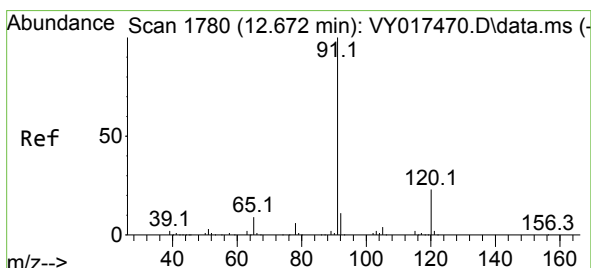
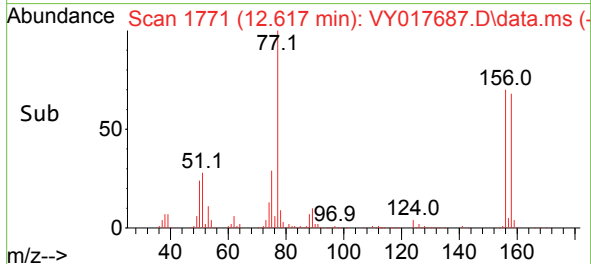
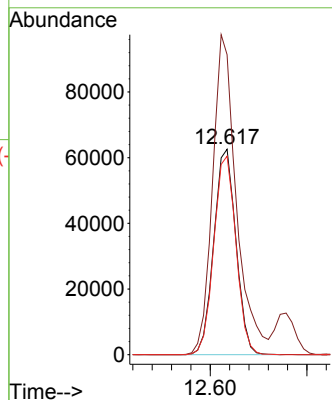
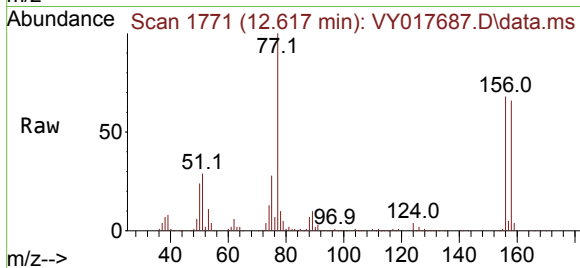
Tgt Ion:156 Resp: 99243

Ion Ratio Lower Upper

156 100

77 167.8 87.1 261.3

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 54.399 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017687.D

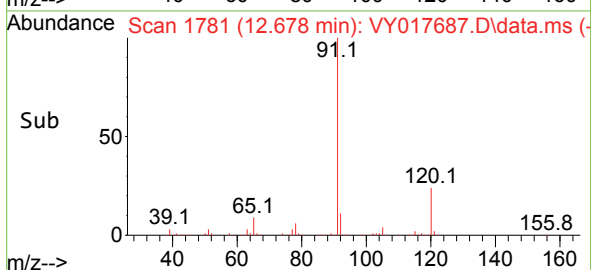
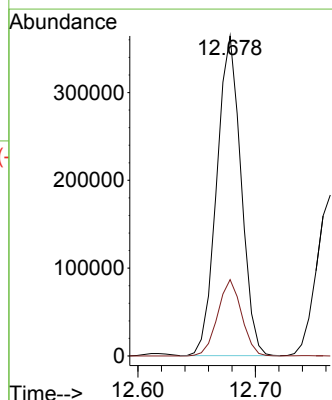
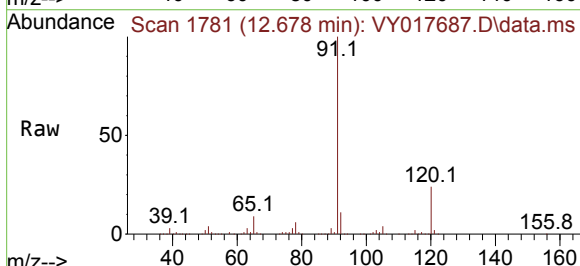
Acq: 18 Mar 2024 14:21

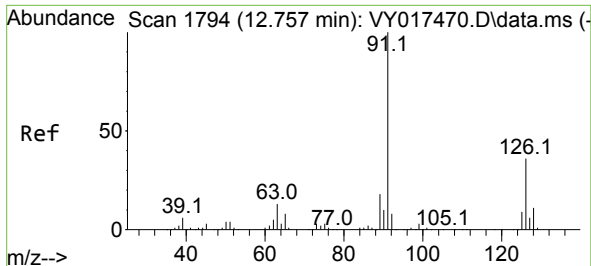
Tgt Ion: 91 Resp: 522467

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.064 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

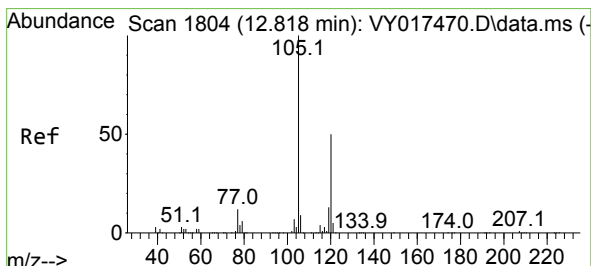
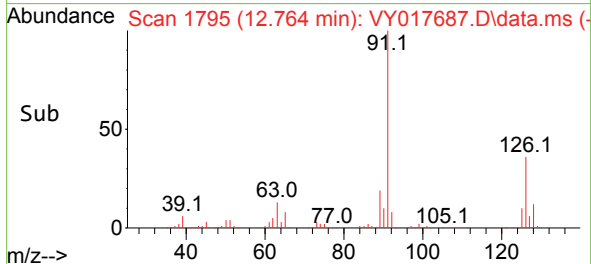
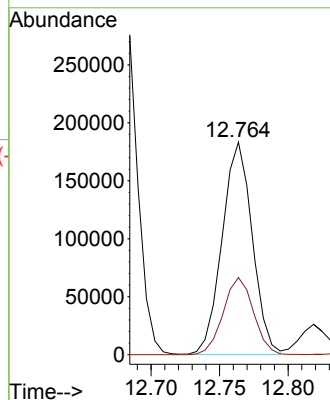
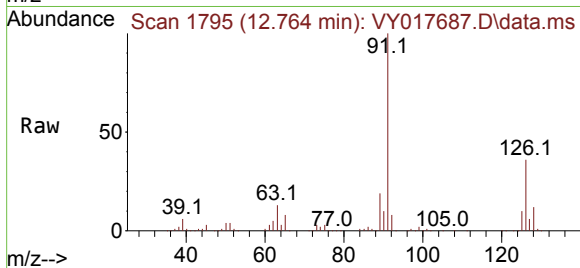
VSTDCCC050

Tgt Ion: 91 Resp: 279957

Ion Ratio Lower Upper

91 100

126 36.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 54.414 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017687.D

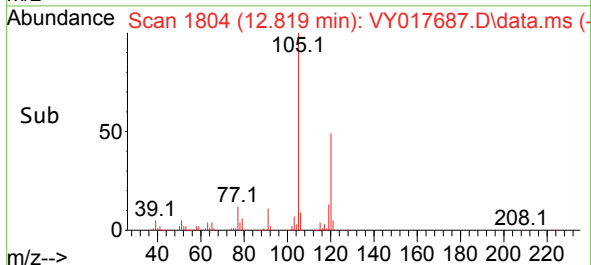
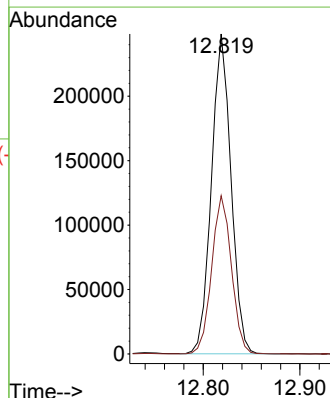
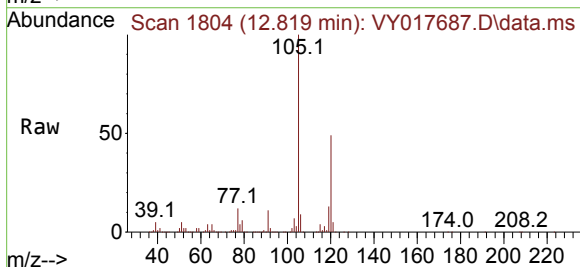
Acq: 18 Mar 2024 14:21

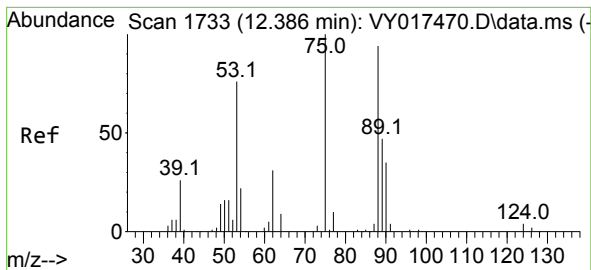
Tgt Ion:105 Resp: 348942

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2

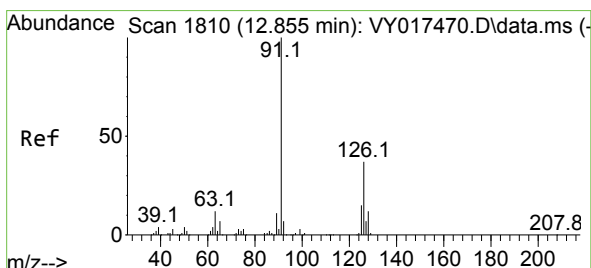
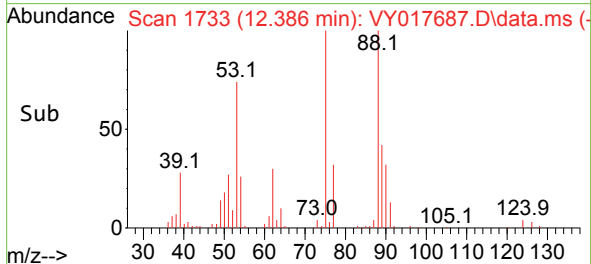
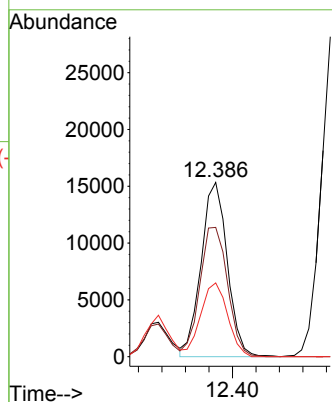
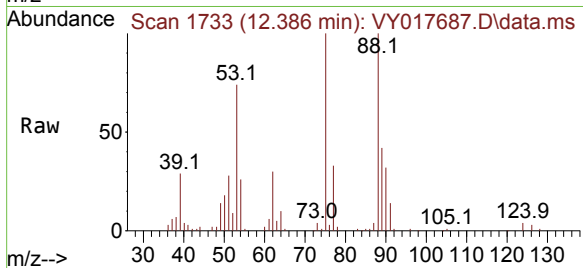




#81
trans-1,4-Dichloro-2-butene
Concen: 53.431 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

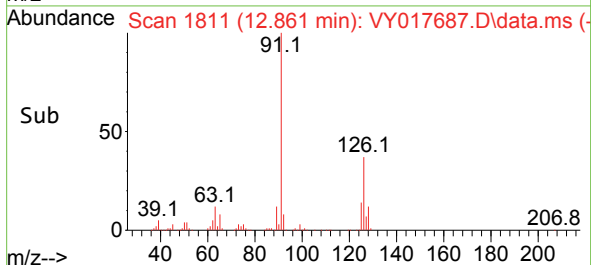
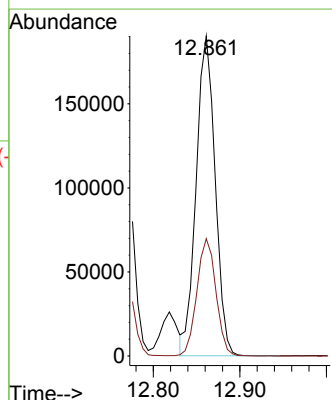
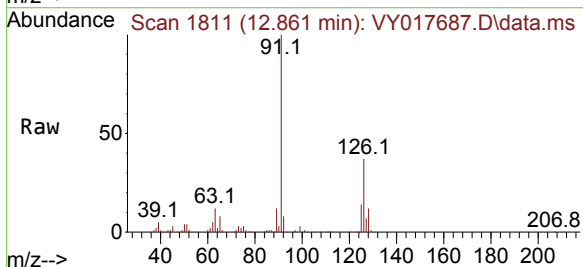
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

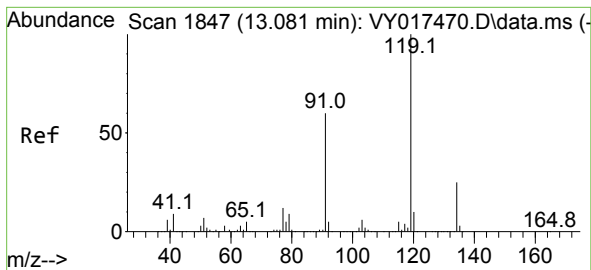
Tgt Ion:	75	Resp:	23804
Ion	Ratio	Lower	Upper
75	100		
53	78.5	66.8	100.2
89	43.8	35.8	53.6



#82
4-Chlorotoluene
Concen: 52.662 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:	91	Resp:	289634
Ion	Ratio	Lower	Upper
91	100		
126	36.9	17.6	52.9

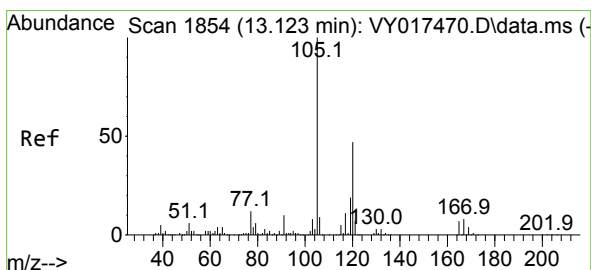
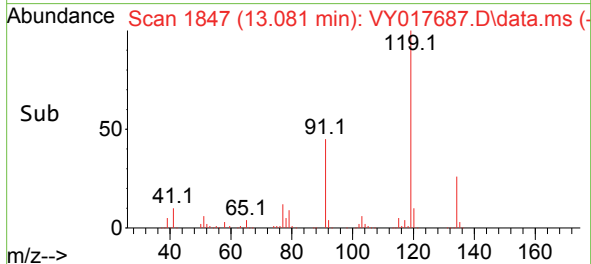
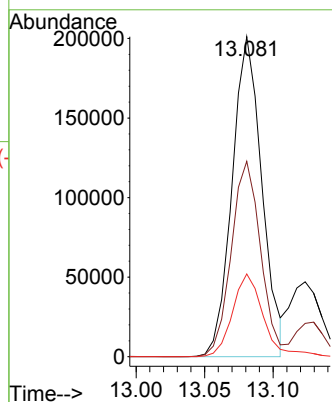
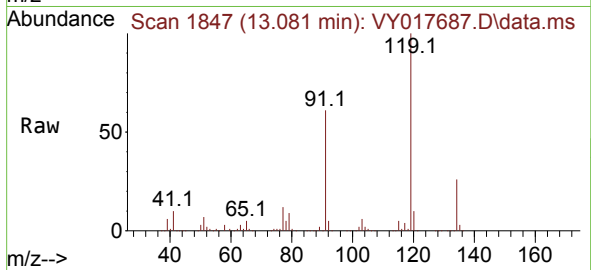




#83
tert-Butylbenzene
Concen: 54.099 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

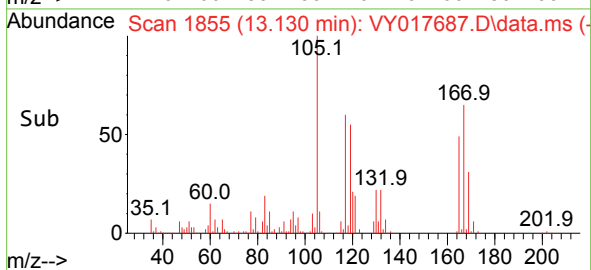
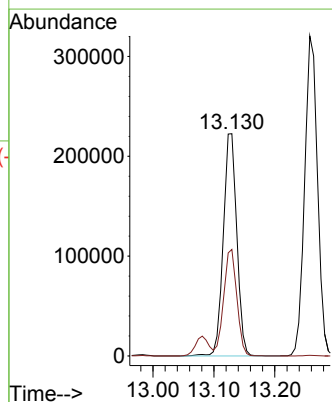
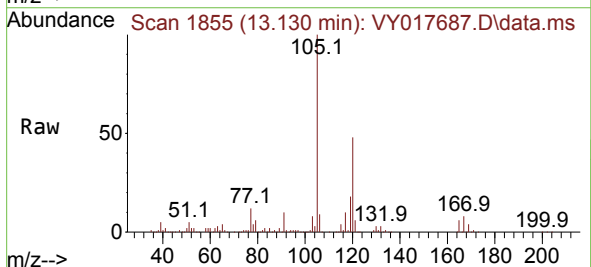
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

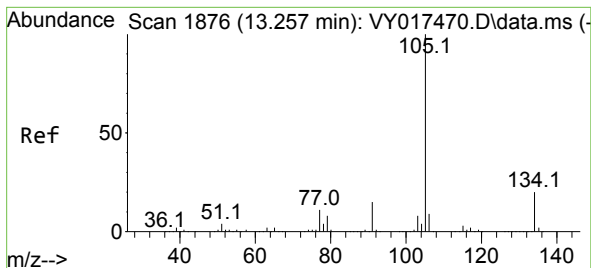
Tgt Ion:119 Resp: 304639
Ion Ratio Lower Upper
119 100
91 60.0 31.3 93.8
134 26.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 54.180 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:105 Resp: 343010
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 54.508 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

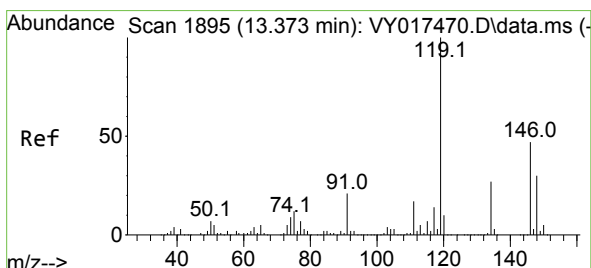
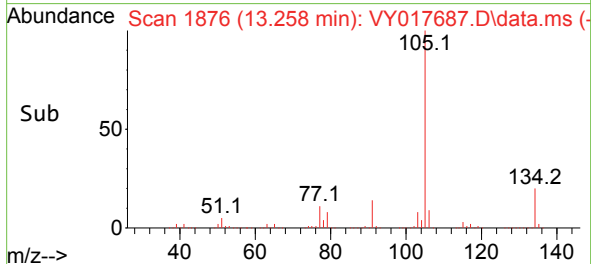
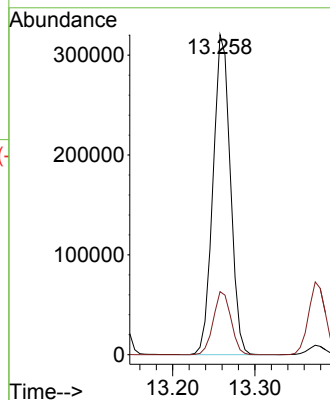
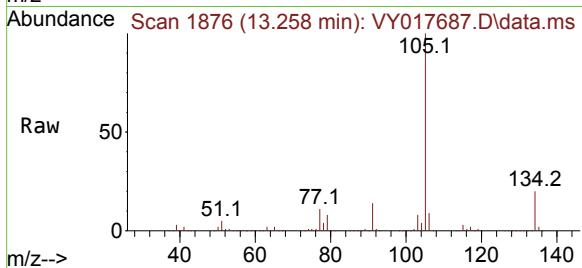
VSTDCCC050

Tgt Ion:105 Resp: 469282

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.247 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

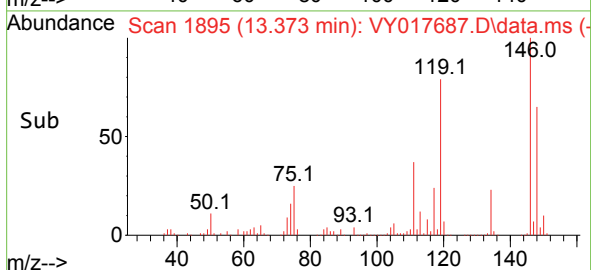
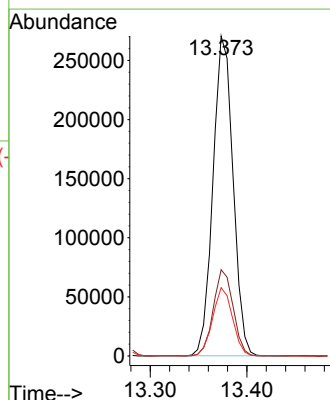
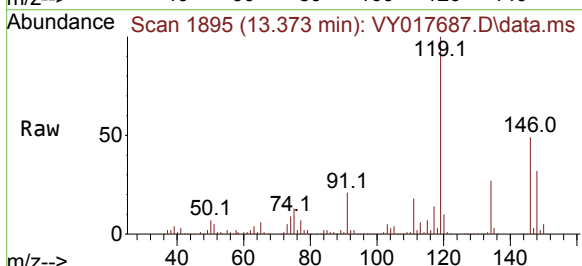
Tgt Ion:119 Resp: 389365

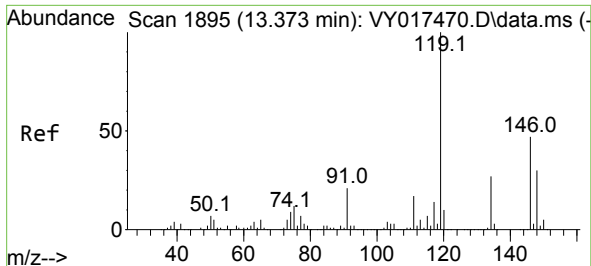
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 21.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.305 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

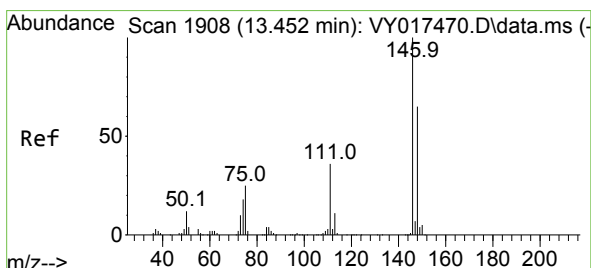
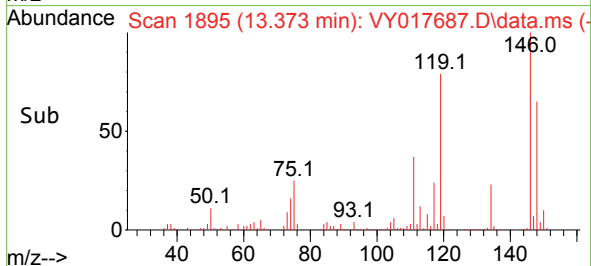
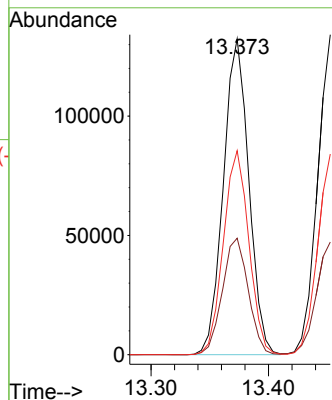
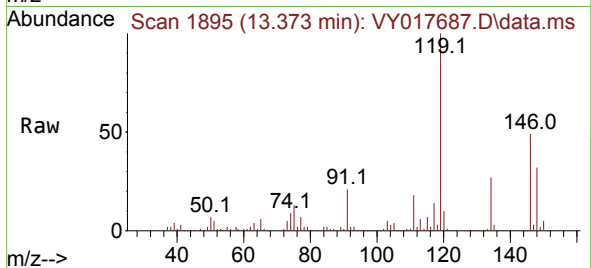
Tgt Ion:146 Resp: 199614

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

148 64.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.600 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

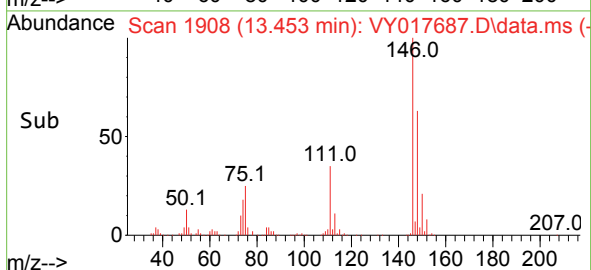
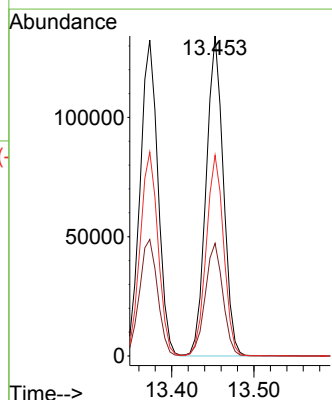
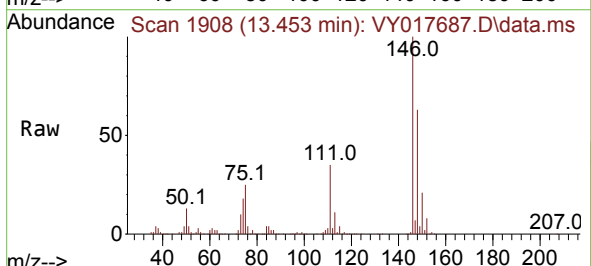
Tgt Ion:146 Resp: 195182

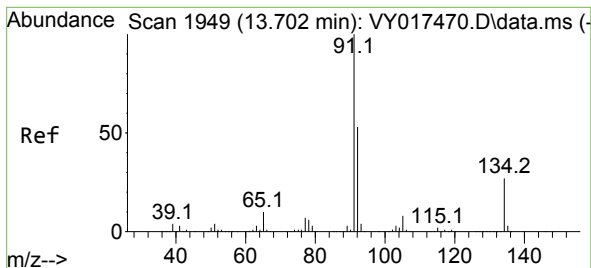
Ion Ratio Lower Upper

146 100

111 36.0 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 55.082 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

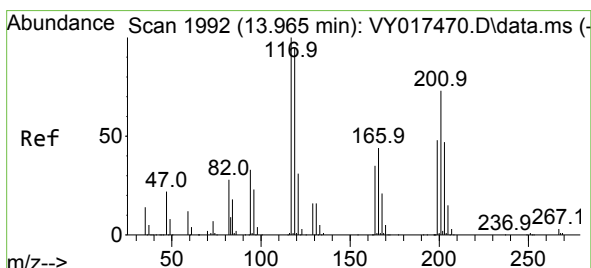
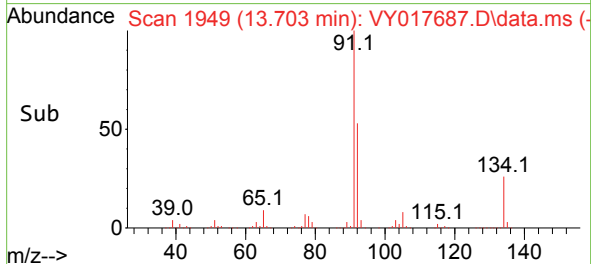
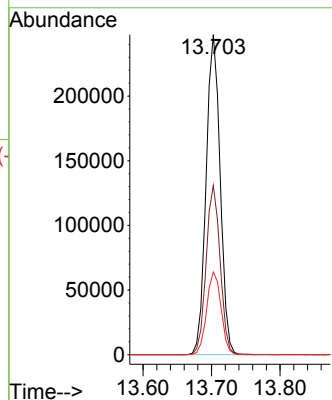
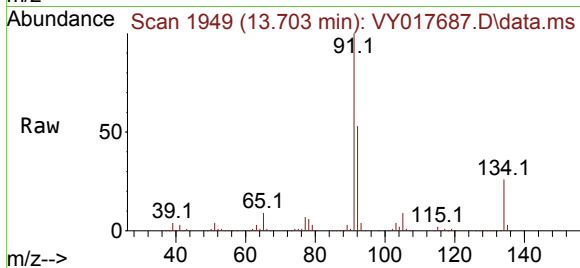
Tgt Ion: 91 Resp: 354182

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 26.4 12.9 38.7



#90

Hexachloroethane

Concen: 51.993 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017687.D

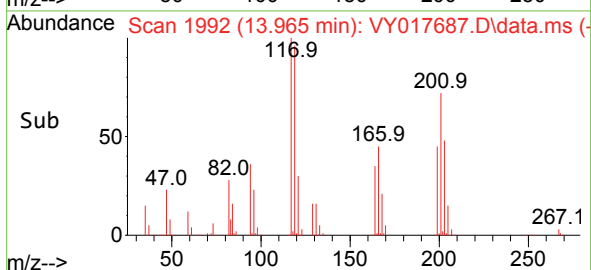
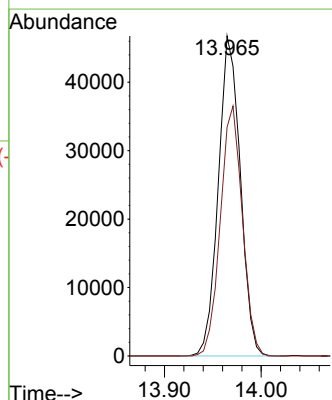
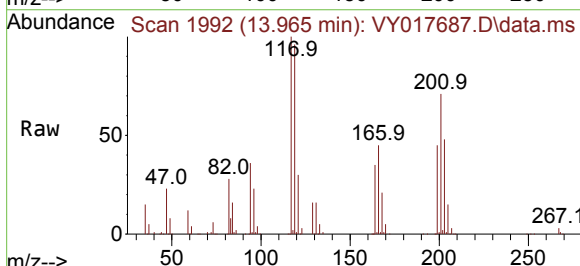
Acq: 18 Mar 2024 14:21

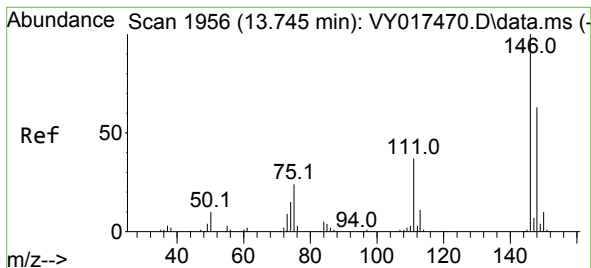
Tgt Ion: 117 Resp: 73463

Ion Ratio Lower Upper

117 100

201 78.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 52.165 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

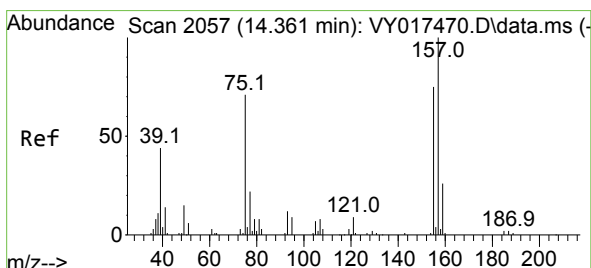
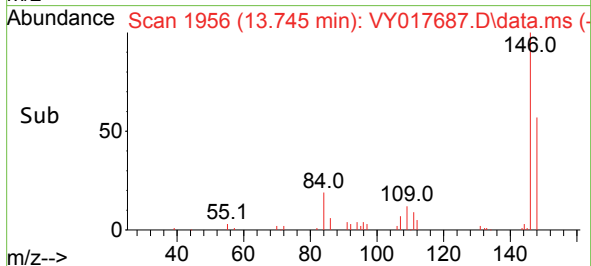
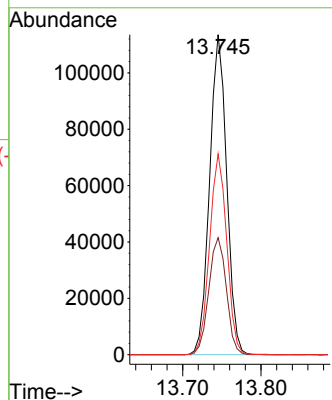
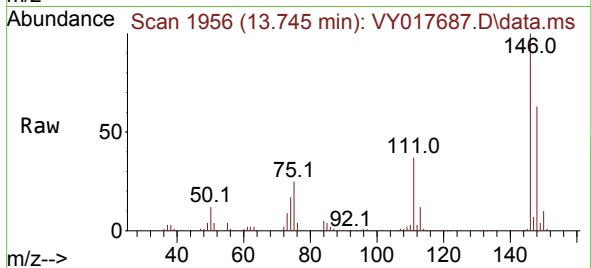
Tgt Ion:146 Resp: 171676

Ion Ratio Lower Upper

146 100

111 37.6 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.714 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

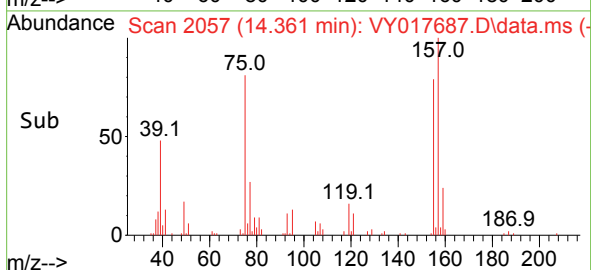
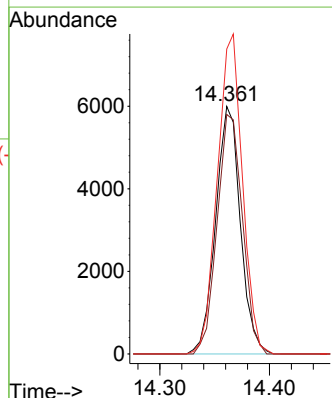
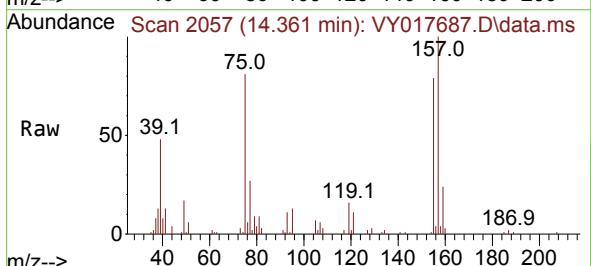
Tgt Ion: 75 Resp: 9413

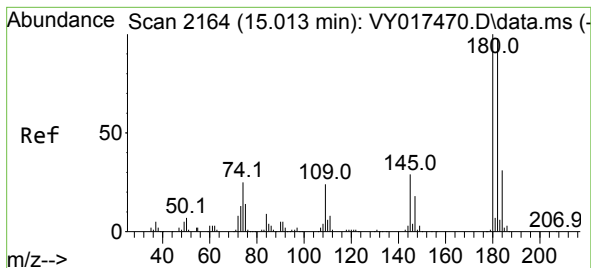
Ion Ratio Lower Upper

75 100

155 98.6 48.6 145.8

157 130.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.213 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017687.D

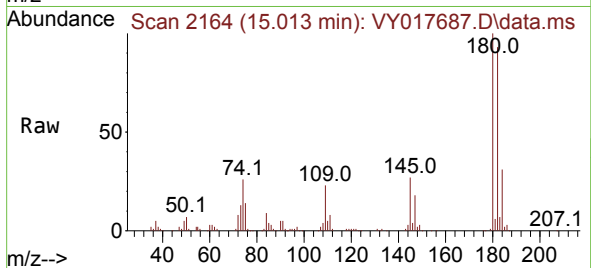
Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

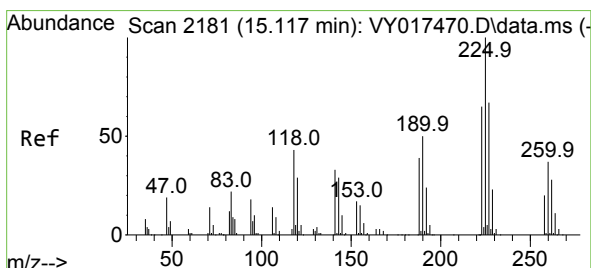
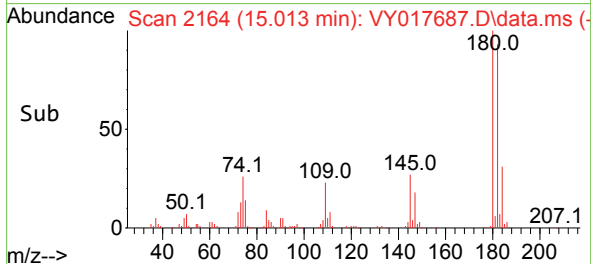
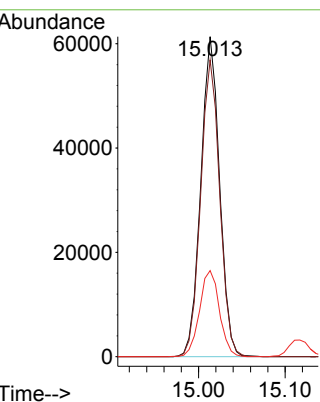
ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 92502

Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.9	143.8
145	28.5	14.2	42.6



#94

Hexachlorobutadiene

Concen: 51.909 ug/l

RT: 15.117 min Scan# 2181

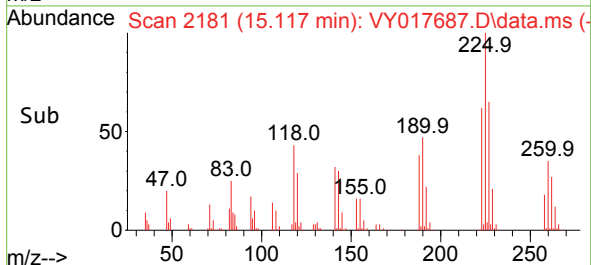
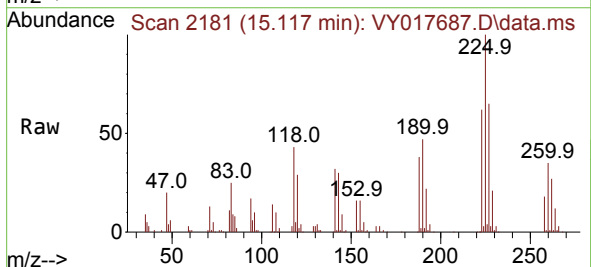
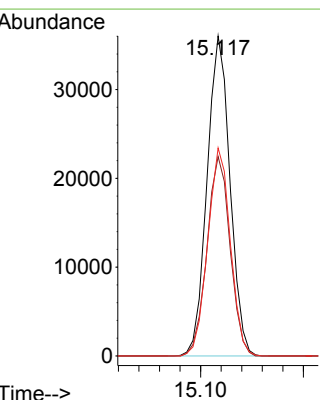
Delta R.T. 0.000 min

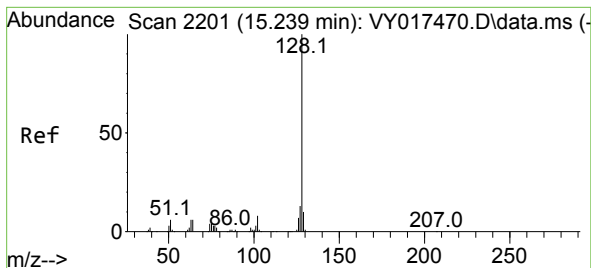
Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Tgt Ion:225 Resp: 55711

Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.4	91.2
227	64.2	31.9	95.9





#95

Naphthalene

Concen: 47.026 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

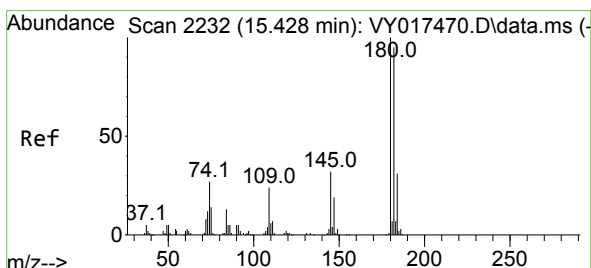
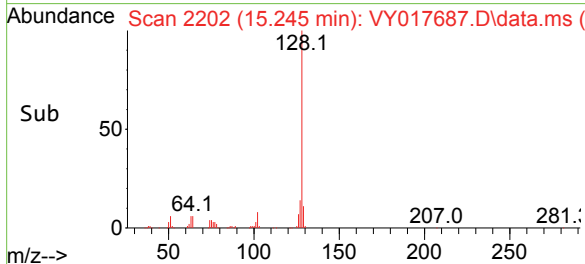
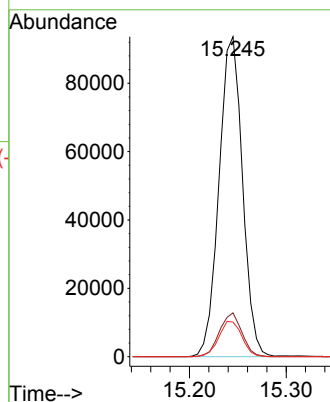
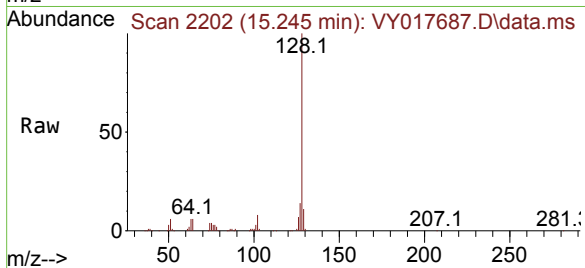
Tgt Ion:128 Resp: 157547

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.357 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Tgt Ion:180 Resp: 78078

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.9

145 30.3 15.4 46.1

