

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031424\
 Data File : VY017662.D
 Acq On : 14 Mar 2024 15:48
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 15 03:57:25 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	7.783	168	158882	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	242941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63383	42.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.180%
35) Dibromofluoromethane	7.710	113	77815	45.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.940%
50) Toluene-d8	10.179	98	288245	48.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.483	95	89800	48.275	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	46028	39.273	ug/l	99
3) Chloromethane	2.107	50	88702	41.422	ug/l	97
4) Vinyl Chloride	2.247	62	122056	44.429	ug/l	100
5) Bromomethane	2.644	94	95051	42.457	ug/l	98
6) Chloroethane	2.790	64	80631	46.525	ug/l	98
7) Trichlorofluoromethane	3.113	101	125908	44.968	ug/l	98
8) Diethyl Ether	3.521	74	34861	42.451	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.887	101	77105	47.876	ug/l	98
10) Methyl Iodide	4.082	142	90847	50.264	ug/l	99
11) Tert butyl alcohol	4.930	59	18594	145.372	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	71704	47.774	ug/l	97
13) Acrolein	3.717	56	17753	105.192	ug/l	96
14) Allyl chloride	4.466	41	84921	46.826	ug/l	98
15) Acrylonitrile	5.149	53	67506	199.967	ug/l	99
16) Acetone	3.930	43	57081	195.443	ug/l	92
17) Carbon Disulfide	4.186	76	206816	45.908	ug/l	98
18) Methyl Acetate	4.460	43	30440	42.961	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	151748	43.378	ug/l	99
20) Methylene Chloride	4.704	84	84303	49.023	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	83421	47.470	ug/l	97
22) Diisopropyl ether	6.106	45	195916	46.815	ug/l	95
23) Vinyl Acetate	6.045	43	539883	216.496	ug/l	100
24) 1,1-Dichloroethane	6.003	63	135912	47.538	ug/l	99
25) 2-Butanone	6.978	43	78369	188.287	ug/l	100
26) 2,2-Dichloropropane	6.966	77	117899	49.047	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	94970	48.132	ug/l	99
28) Bromochloromethane	7.326	49	45930	40.791	ug/l	94
29) Tetrahydrofuran	7.338	42	48407	192.932	ug/l	99
30) Chloroform	7.496	83	146923	48.268	ug/l	100
31) Cyclohexane	7.777	56	112391	45.865	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	127500	48.246	ug/l	98
36) 1,1-Dichloropropene	7.911	75	112846	49.406	ug/l	100
37) Ethyl Acetate	7.064	43	35173	38.989	ug/l	97
38) Carbon Tetrachloride	7.893	117	115079	50.271	ug/l	95
39) Methylcyclohexane	9.179	83	140162	51.061	ug/l	98
40) Benzene	8.155	78	333051	49.100	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	46191	102.035	ug/l #	15
42) 1,2-Dichloroethane	8.228	62	74622	45.089	ug/l	97
43) Isopropyl Acetate	8.265	43	65267	41.171	ug/l	98
44) Trichloroethene	8.935	130	95343	48.766	ug/l	98
45) 1,2-Dichloropropane	9.209	63	77322	47.913	ug/l	99
46) Dibromomethane	9.301	93	41467	44.898	ug/l	96
47) Bromodichloromethane	9.490	83	108392	48.335	ug/l	95
48) Methyl methacrylate	9.289	41	30657	41.779	ug/l	96
49) 1,4-Dioxane	9.295	88	8868	848.424	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	174991	198.062	ug/l	99
52) Toluene	10.240	92	212449	49.682	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	96517	46.370	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	119762	47.353	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	58807	44.846	ug/l	97
56) Ethyl methacrylate	10.508	69	65003	40.787	ug/l	99
57) 1,3-Dichloropropane	10.788	76	97014	45.503	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	132262	174.789	ug/l	98
59) 2-Hexanone	10.831	43	120761	198.990	ug/l	99
60) Dibromochloromethane	10.984	129	73312	47.259	ug/l	98
61) 1,2-Dibromoethane	11.087	107	54554	45.144	ug/l	98
64) Tetrachloroethene	10.715	164	97814	48.684	ug/l	98
65) Chlorobenzene	11.514	112	223098	50.213	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	81640	49.047	ug/l	98
67) Ethyl Benzene	11.593	91	407069	52.241	ug/l	99
68) m/p-Xylenes	11.703	106	319703	104.416	ug/l	99
69) o-Xylene	12.026	106	147784	52.026	ug/l	99
70) Styrene	12.044	104	243938	51.736	ug/l	98
71) Bromoform	12.209	173	42512	46.089	ug/l #	98
73) Isopropylbenzene	12.331	105	396681	53.040	ug/l	100
74) N-amyl acetate	12.142	43	55044	41.729	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	59618	46.421	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	73603	76.950	ug/l #	100
77) Bromobenzene	12.611	156	88530	48.880	ug/l	94
78) n-propylbenzene	12.672	91	475282	52.962	ug/l	98
79) 2-Chlorotoluene	12.758	91	254528	50.659	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	316779	52.868	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17653	42.407	ug/l	95
82) 4-Chlorotoluene	12.855	91	259580	50.512	ug/l	98
83) tert-Butylbenzene	13.075	119	281518	53.504	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	308958	52.229	ug/l	99
85) sec-Butylbenzene	13.251	105	430136	53.470	ug/l	100
86) p-Isopropyltoluene	13.367	119	354365	53.812	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	180877	49.754	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	174141	49.271	ug/l	99
89) n-Butylbenzene	13.696	91	321031	53.433	ug/l	99
90) Hexachloroethane	13.965	117	68669	52.014	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	151146	49.152	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7289	40.371	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	79376	48.869	ug/l	99
94) Hexachlorobutadiene	15.117	225	52214	52.067	ug/l	99
95) Naphthalene	15.239	128	121222	39.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	65335	46.889	ug/l	99

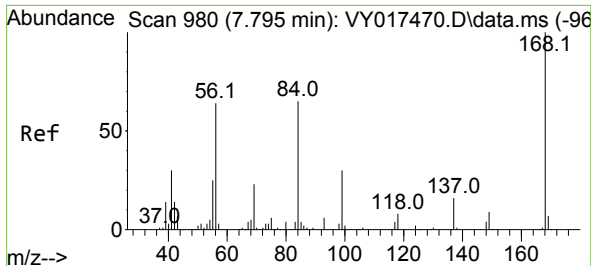
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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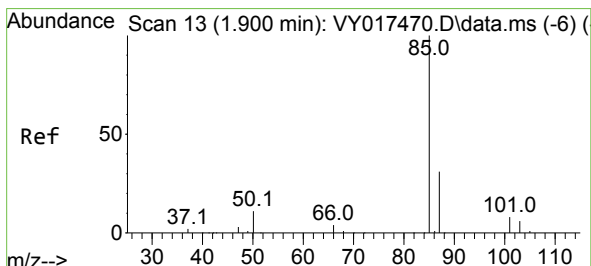
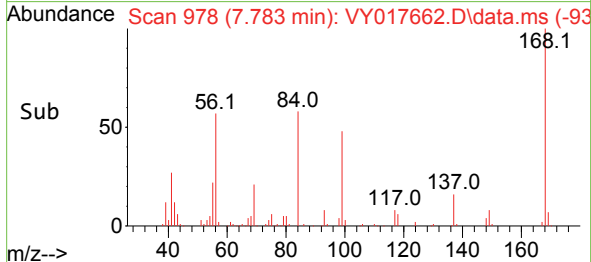
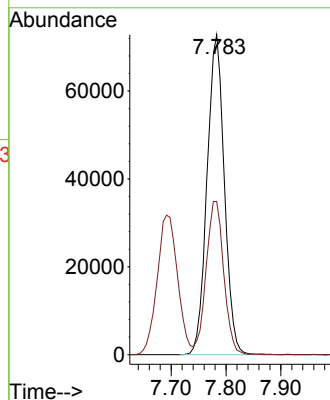
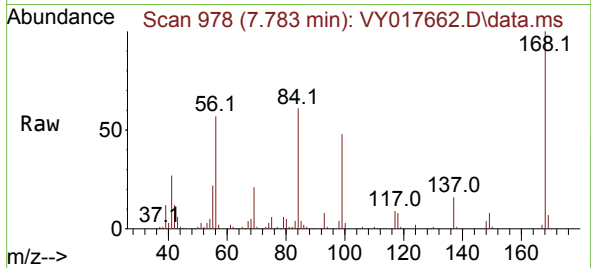
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

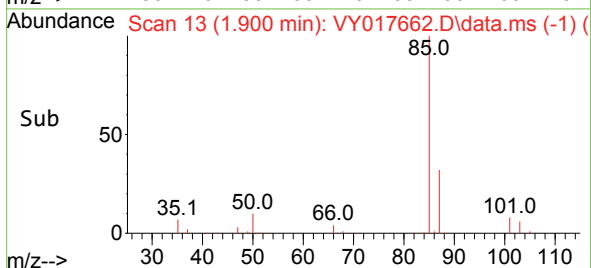
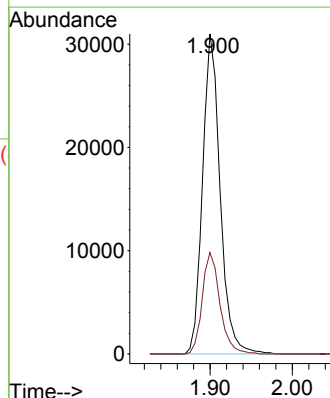
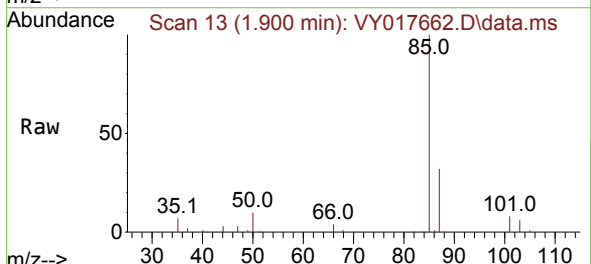
Instrument :
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VSTDCCC050EC

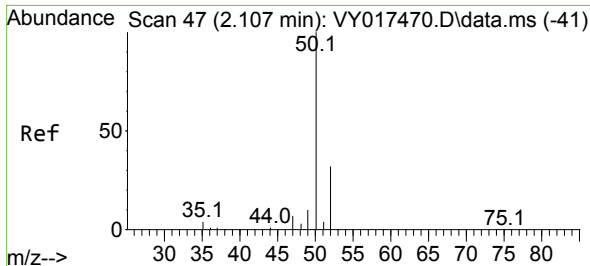
Tgt Ion:168 Resp: 158882
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 39.273 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 85 Resp: 46028
Ion Ratio Lower Upper
85 100
87 31.7 16.0 48.0

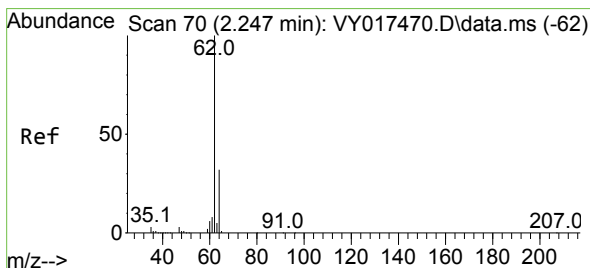
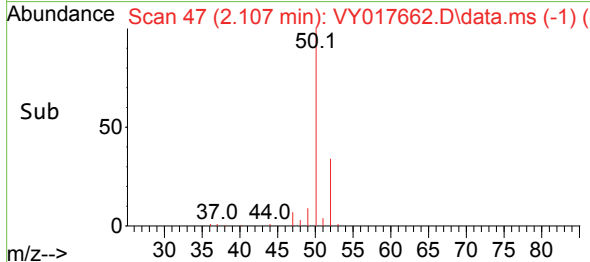
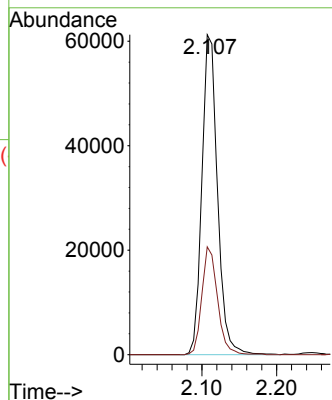
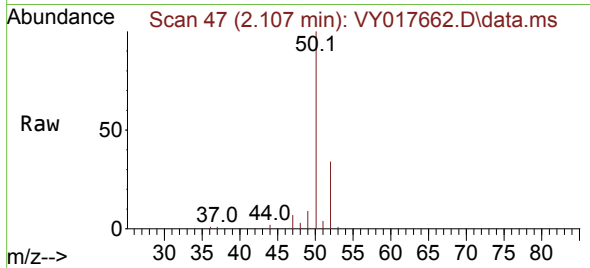




#3
Chloromethane
Concen: 41.422 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

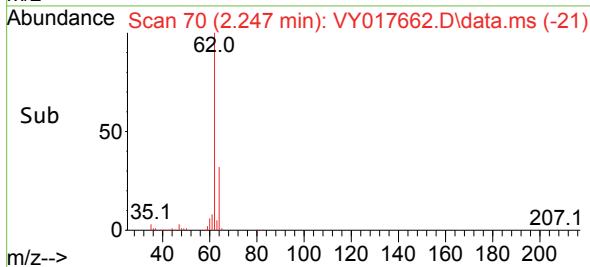
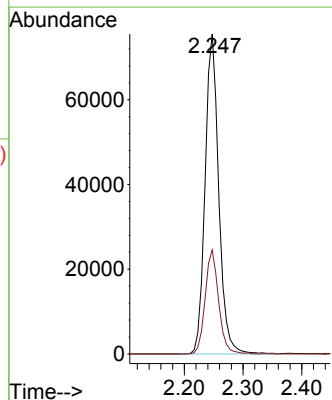
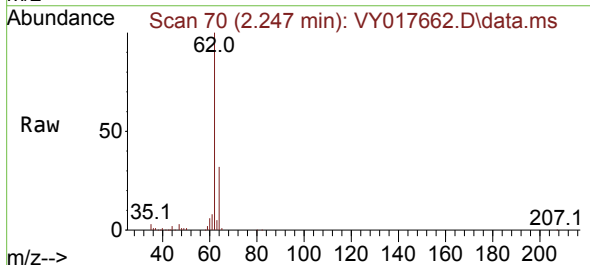
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ClientSampleId :
VSTDCCC050EC

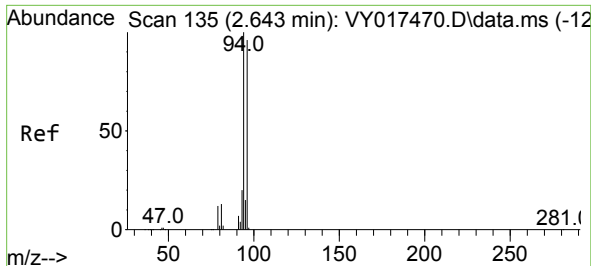
Tgt Ion: 50 Resp: 88702
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4



#4
Vinyl Chloride
Concen: 44.429 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 62 Resp: 122056
Ion Ratio Lower Upper
62 100
64 32.5 26.1 39.1

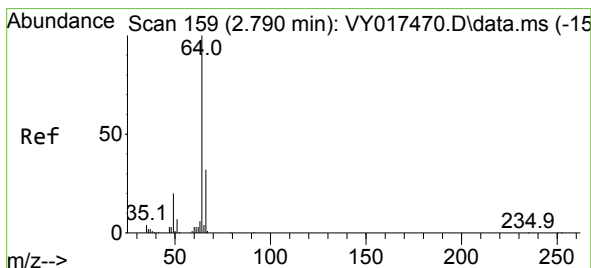
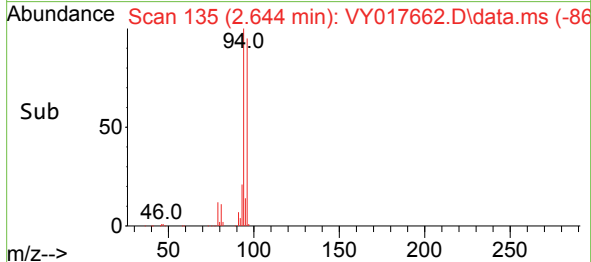
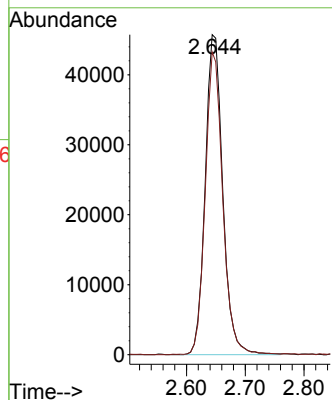
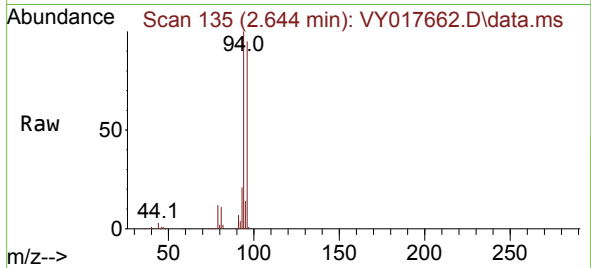




#5
Bromomethane
Concen: 42.457 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

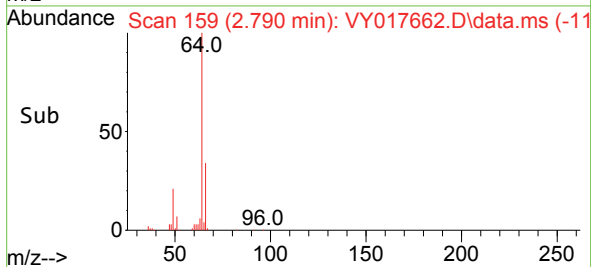
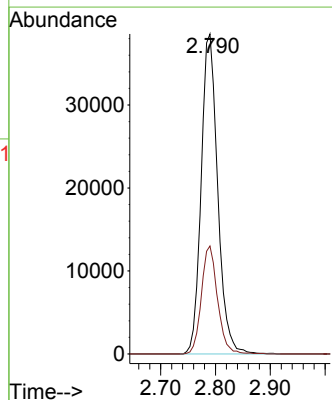
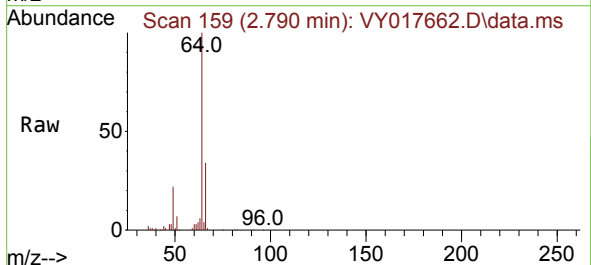
Instrument :
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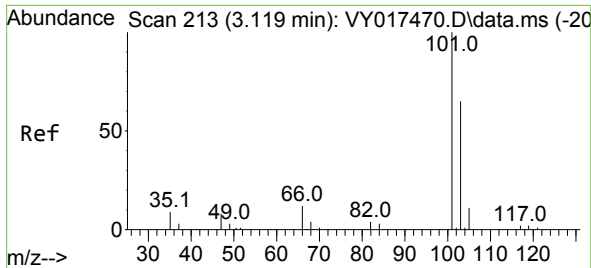
Tgt Ion: 94 Resp: 95051
Ion Ratio Lower Upper
94 100
96 94.5 74.1 111.1



#6
Chloroethane
Concen: 46.525 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 64 Resp: 80631
Ion Ratio Lower Upper
64 100
66 33.8 26.1 39.1

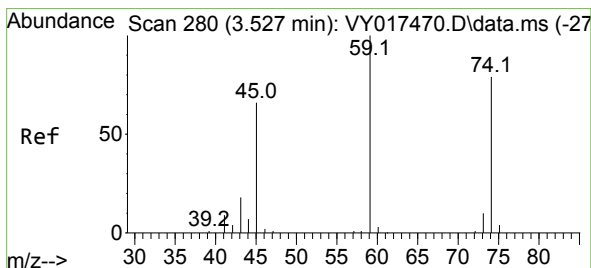
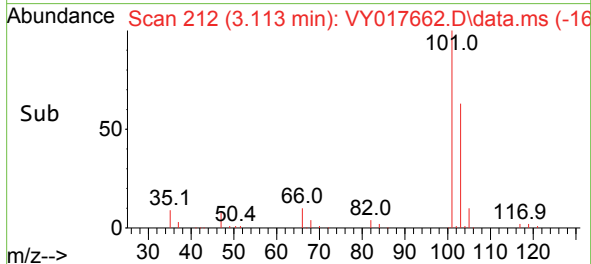
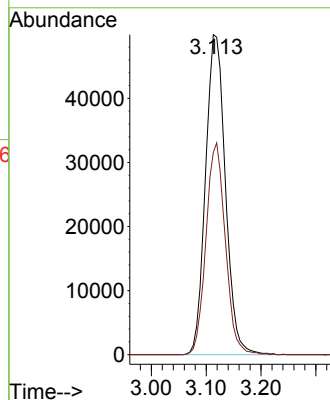
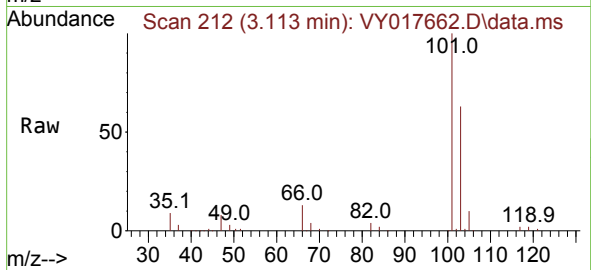




#7
Trichlorofluoromethane
Concen: 44.968 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY017662.D
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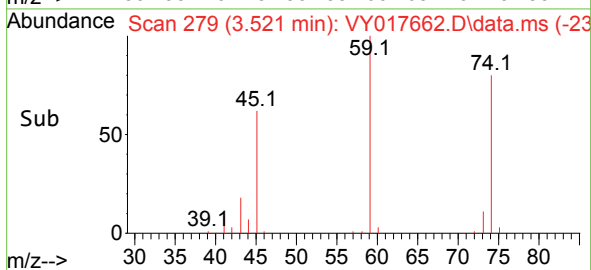
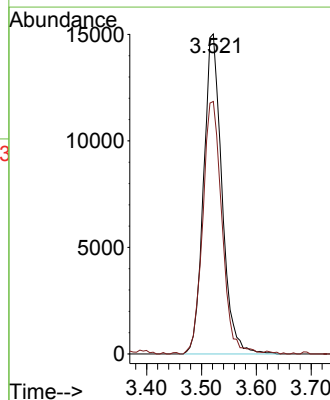
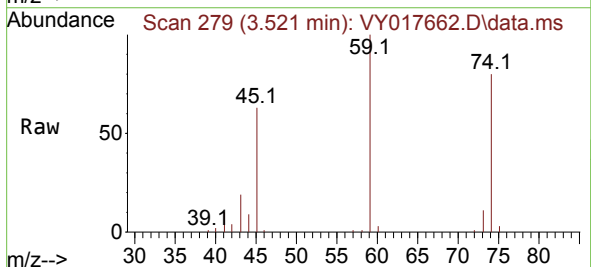
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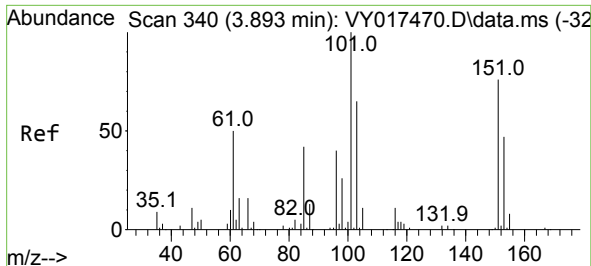
Tgt Ion:101 Resp: 125908
Ion Ratio Lower Upper
101 100
103 63.2 49.3 73.9



#8
Diethyl Ether
Concen: 42.451 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 74 Resp: 34861
Ion Ratio Lower Upper
74 100
45 82.5 41.3 124.1

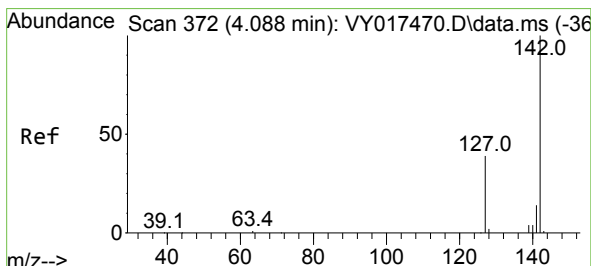
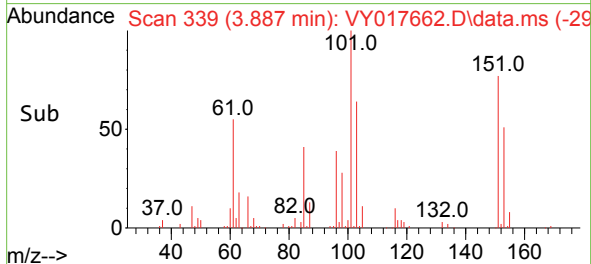
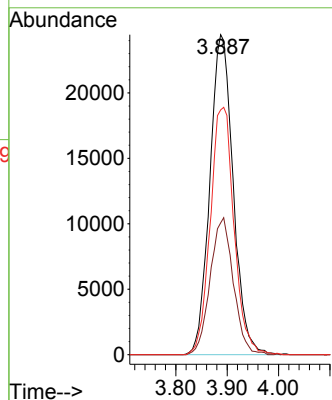
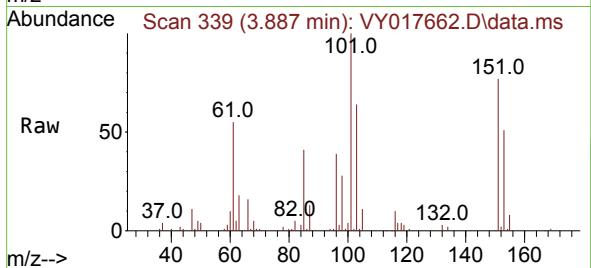




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.876 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY017662.D
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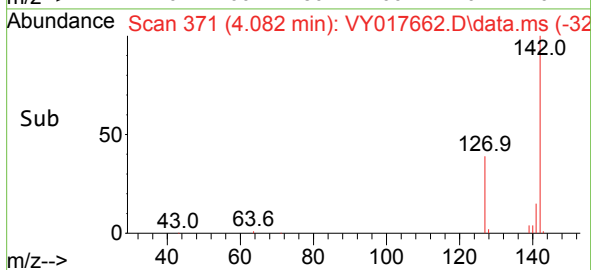
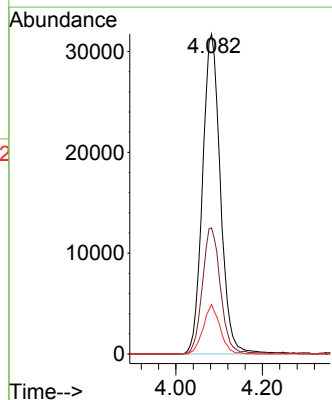
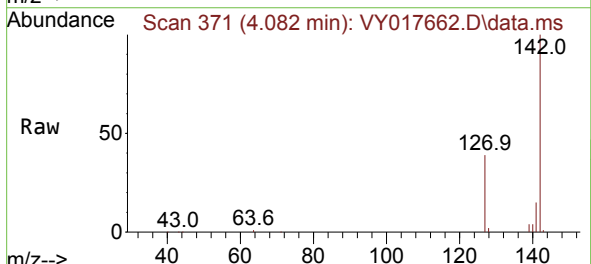
Instrument :
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ClientSampleId :
VSTDCCC050EC

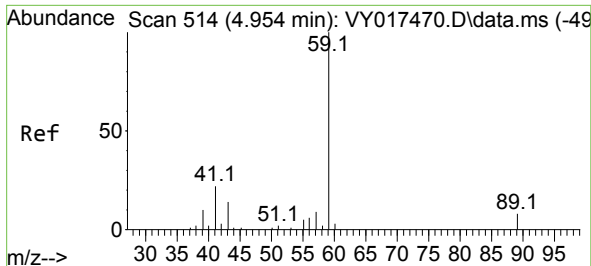
Tgt Ion:101 Resp: 77105
Ion Ratio Lower Upper
101 100
85 42.5 34.5 51.7
151 78.8 61.7 92.5



#10
Methyl Iodide
Concen: 50.264 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion:142 Resp: 90847
Ion Ratio Lower Upper
142 100
127 40.2 32.8 49.2
141 14.6 11.4 17.2

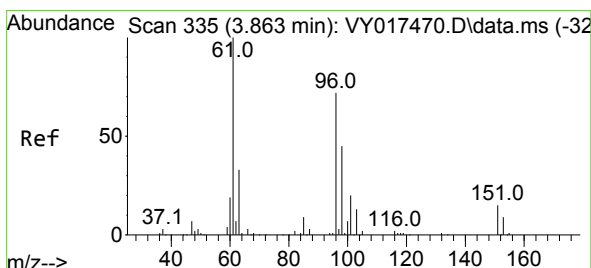
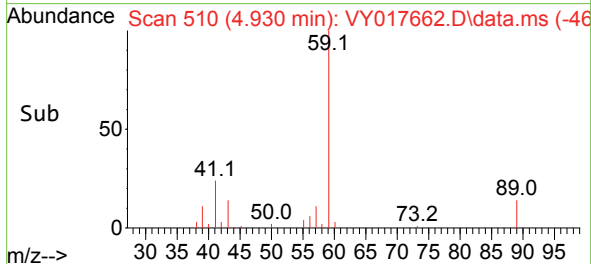
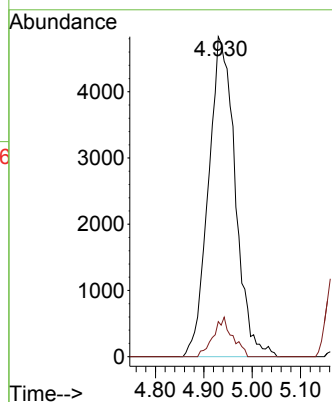
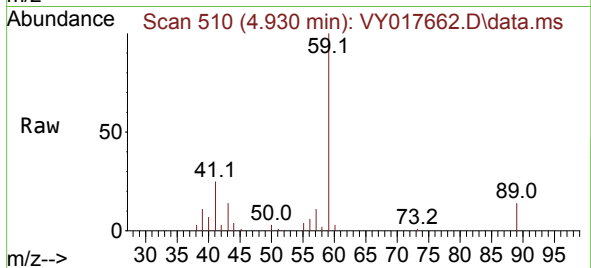




#11
Tert butyl alcohol
Concen: 145.372 ug/l
RT: 4.930 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

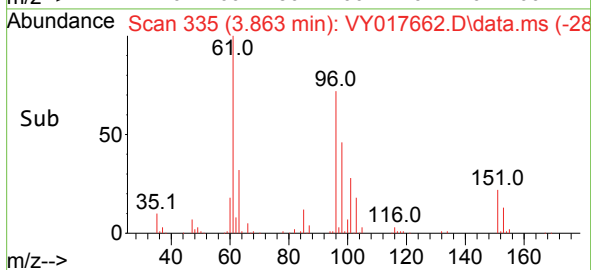
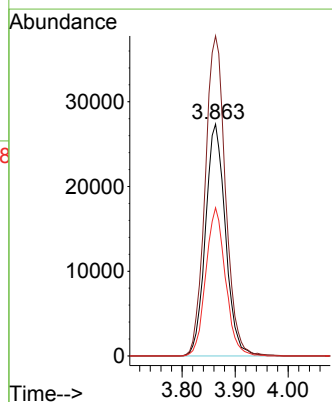
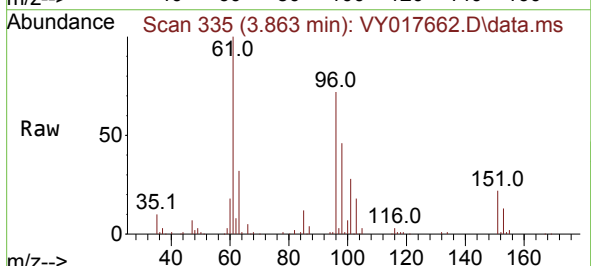
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

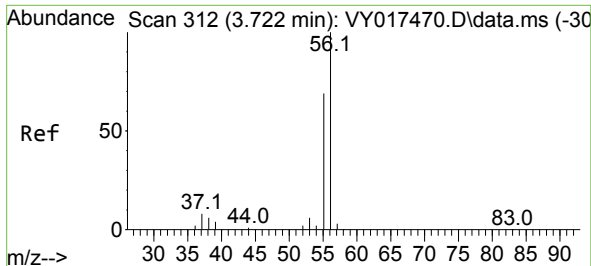
Tgt Ion: 59 Resp: 18594
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 47.774 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 96 Resp: 71704
Ion Ratio Lower Upper
96 100
61 138.0 114.6 171.8
98 63.9 50.8 76.2

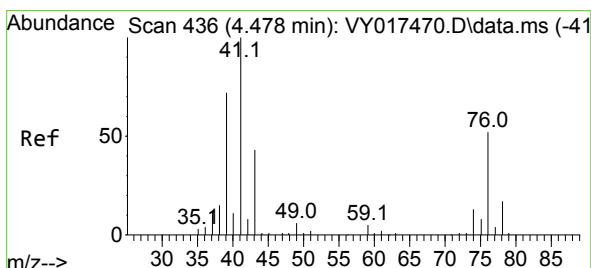
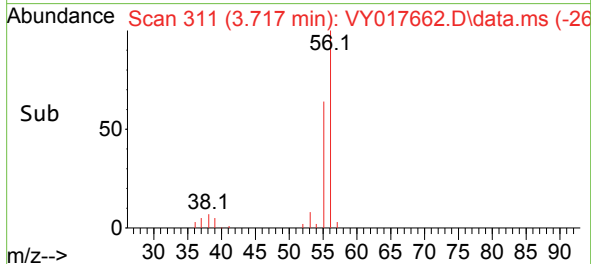
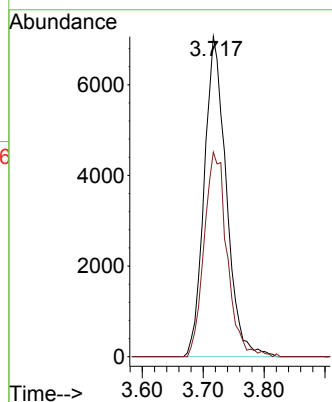
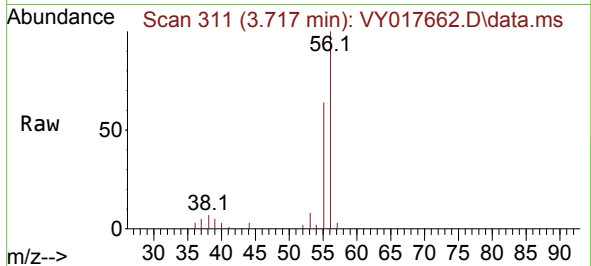




#13
Acrolein
Concen: 105.192 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

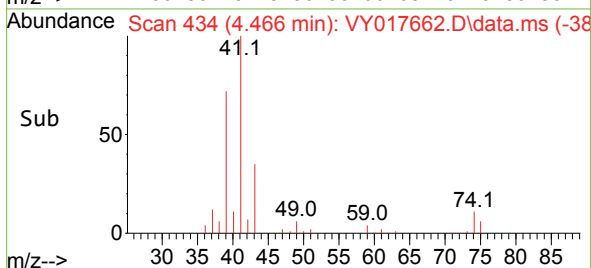
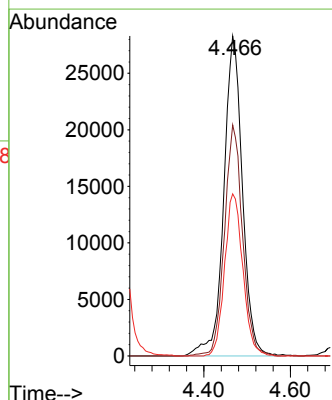
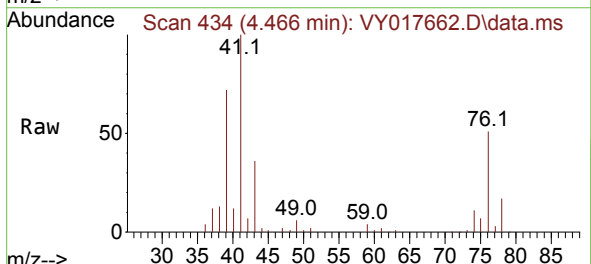
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

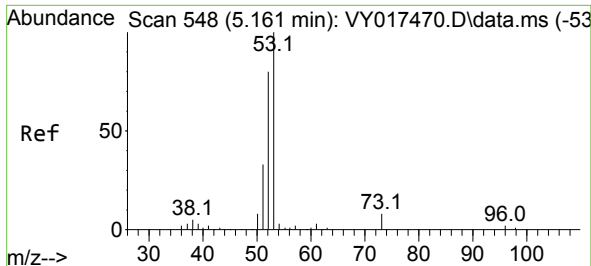
Tgt Ion: 56 Resp: 17753
Ion Ratio Lower Upper
56 100
55 66.5 55.7 83.5



#14
Allyl chloride
Concen: 46.826 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 41 Resp: 84921
Ion Ratio Lower Upper
41 100
39 70.0 58.3 87.5
76 49.4 39.0 58.6

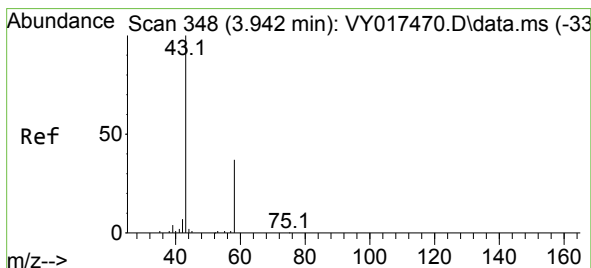
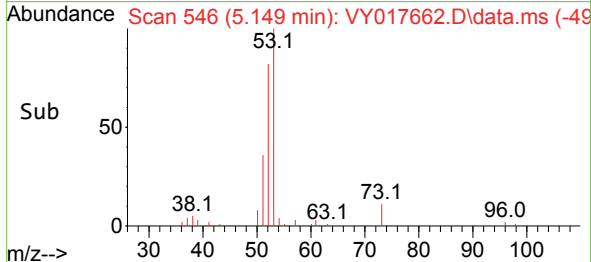
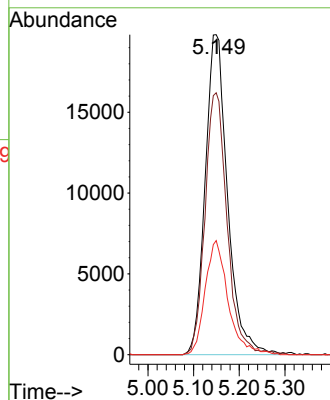
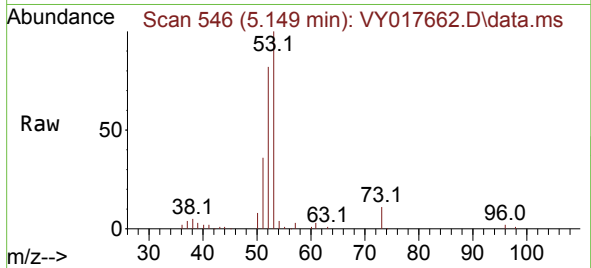




#15
Acrylonitrile
Concen: 199.967 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

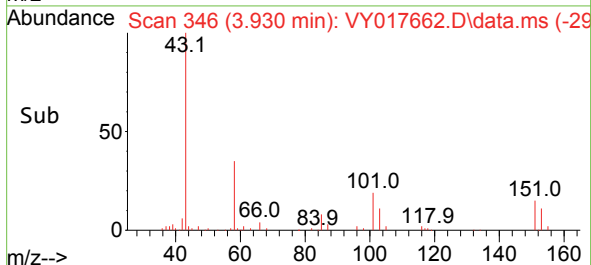
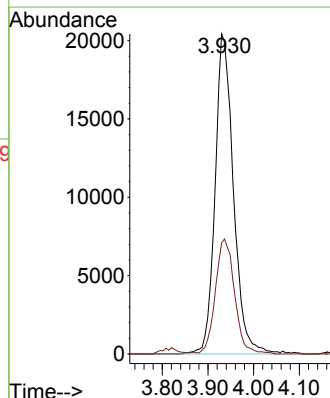
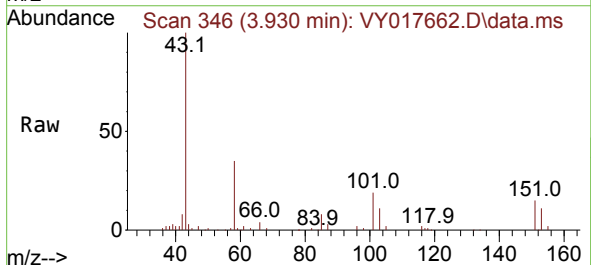
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

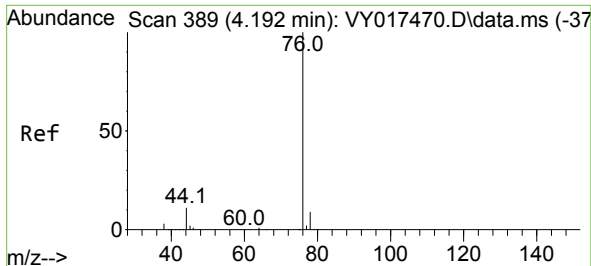
Tgt Ion: 53 Resp: 67506
Ion Ratio Lower Upper
53 100
52 80.8 64.7 97.1
51 36.5 28.4 42.6



#16
Acetone
Concen: 195.443 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 43 Resp: 57081
Ion Ratio Lower Upper
43 100
58 34.7 31.7 47.5

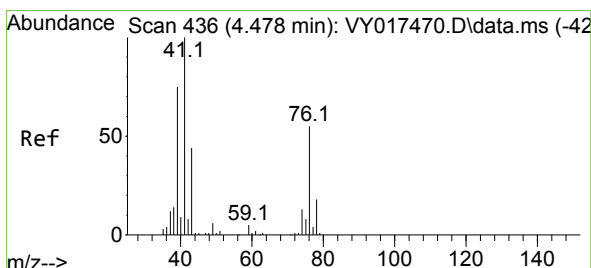
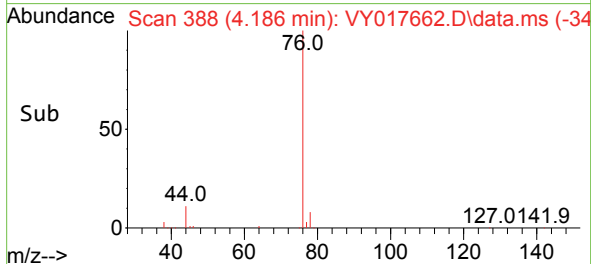
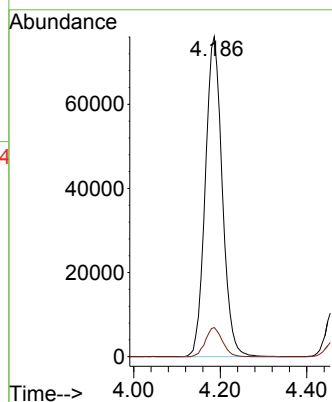
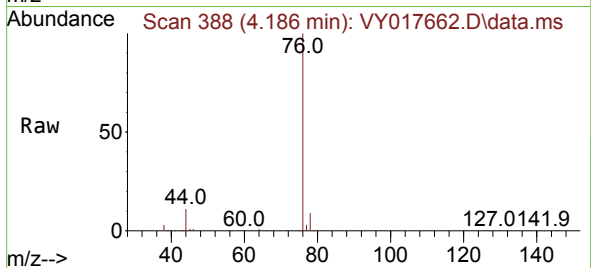




#17
Carbon Disulfide
Concen: 45.908 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

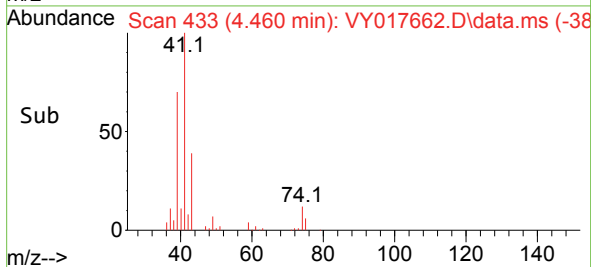
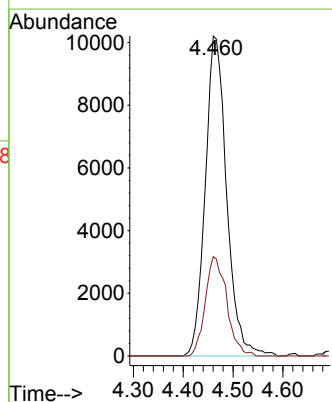
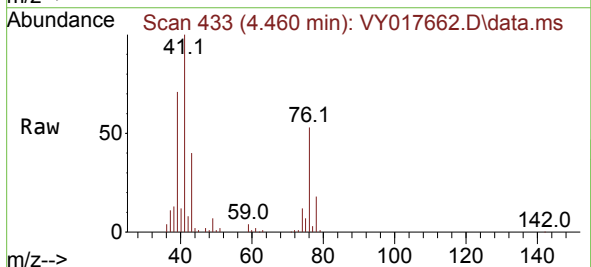
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

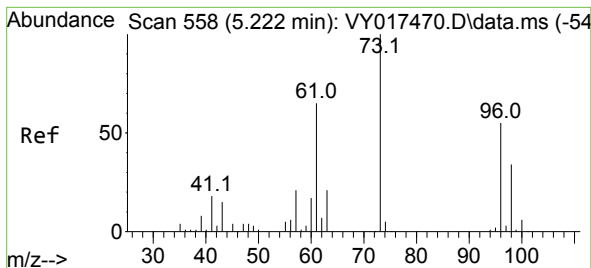
Tgt Ion: 76 Resp: 206816
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 42.961 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.018 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 43 Resp: 30440
Ion Ratio Lower Upper
43 100
74 31.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 43.378 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

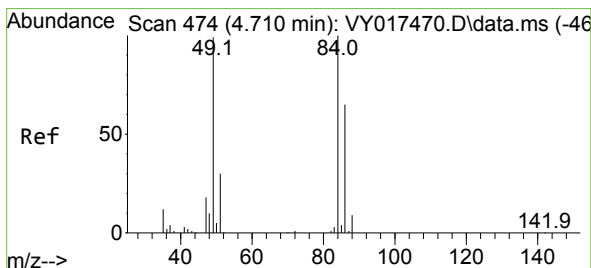
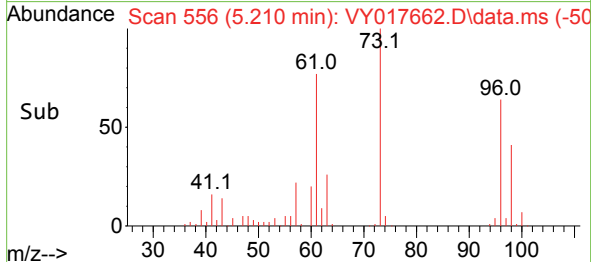
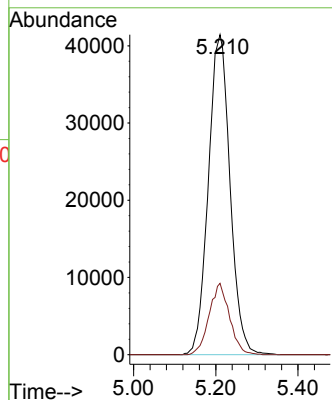
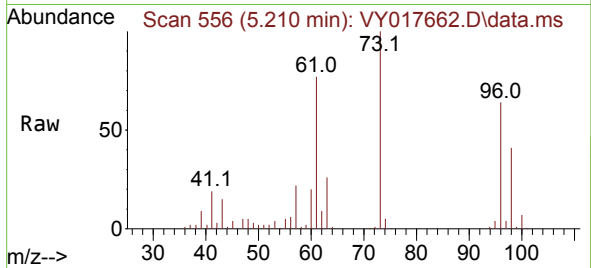
VSTDCCC050EC

Tgt Ion: 73 Resp: 151748

Ion Ratio Lower Upper

73 100

57 22.3 17.3 25.9



#20

Methylene Chloride

Concen: 49.023 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Tgt Ion: 84 Resp: 84303

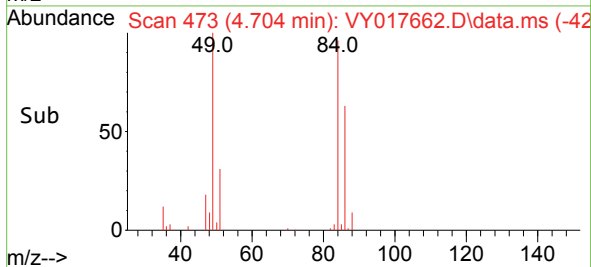
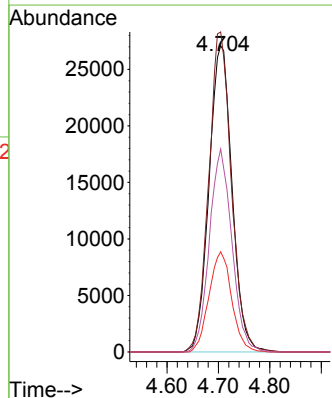
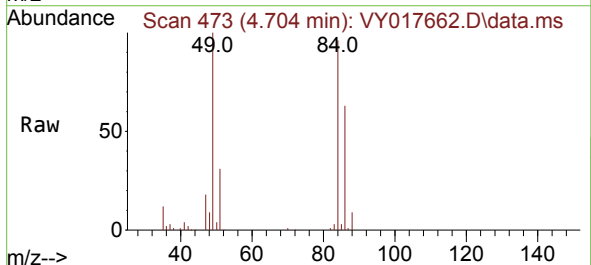
Ion Ratio Lower Upper

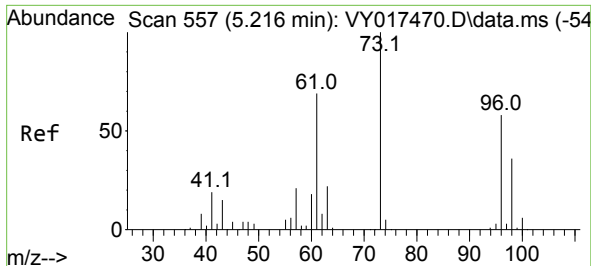
84 100

49 104.5 84.4 126.6

51 32.7 26.0 39.0

86 66.2 49.5 74.3

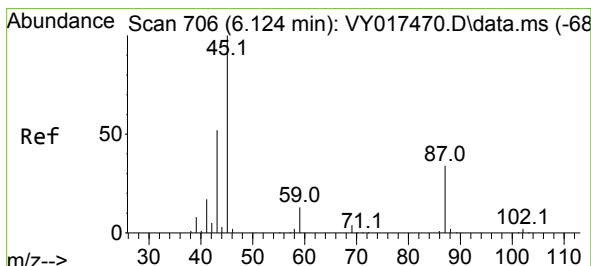
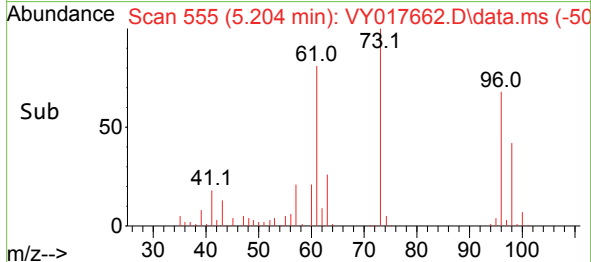
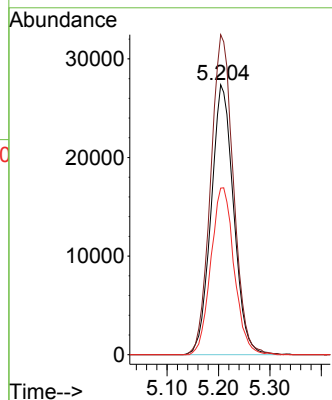
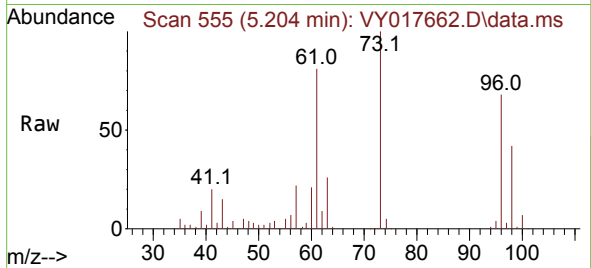




#21
trans-1,2-Dichloroethene
Concen: 47.470 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

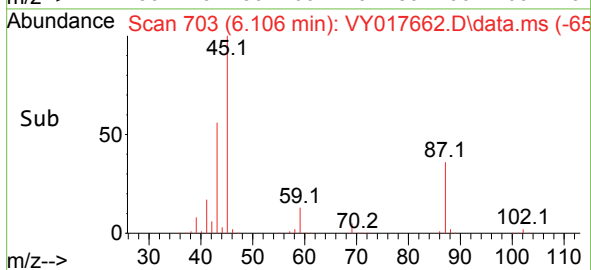
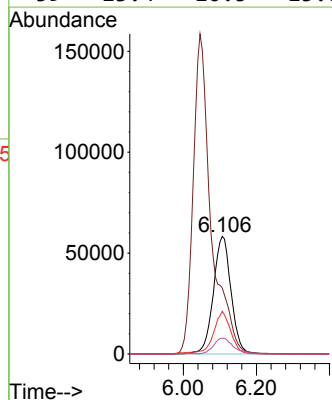
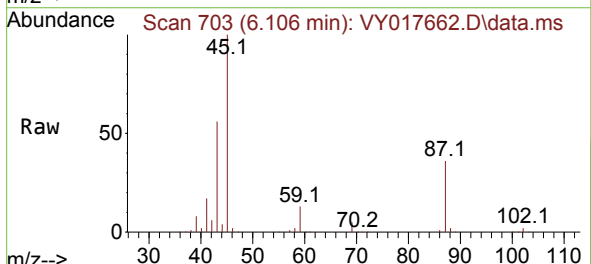
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

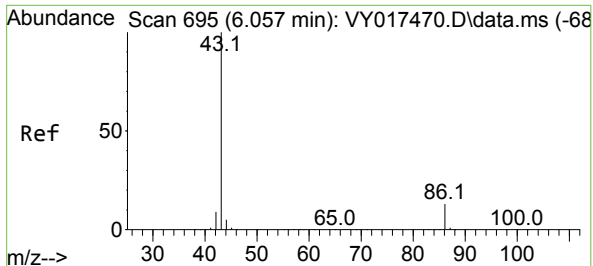
Tgt Ion: 96 Resp: 83421
Ion Ratio Lower Upper
96 100
61 118.5 97.5 146.3
98 61.7 50.5 75.7



#22
Diisopropyl ether
Concen: 46.815 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.018 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 45 Resp: 195916
Ion Ratio Lower Upper
45 100
43 55.8 42.2 63.2
87 36.2 25.0 37.6
59 13.4 10.5 15.7





#23

Vinyl Acetate

Concen: 216.496 ug/l

RT: 6.045 min Scan# 693

Delta R.T. -0.012 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

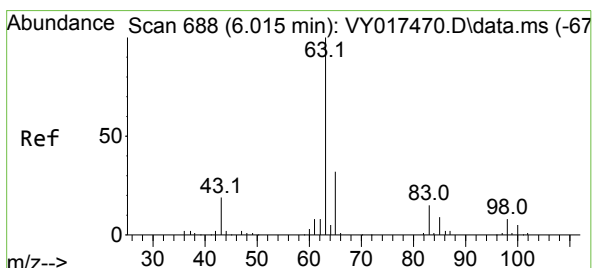
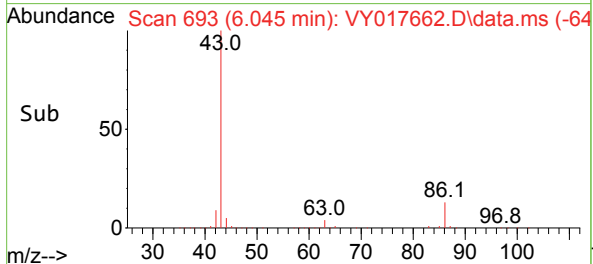
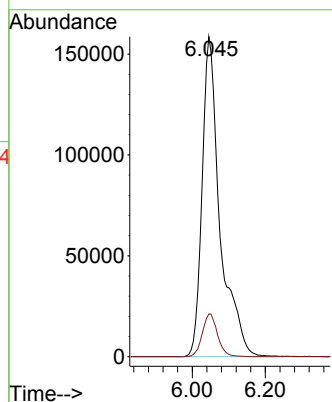
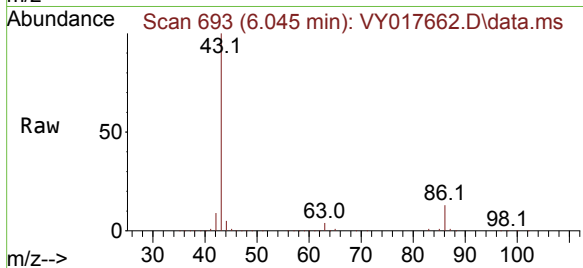
VSTDCCC050EC

Tgt Ion: 43 Resp: 539883

Ion Ratio Lower Upper

43 100

86 13.3 10.6 16.0



#24

1,1-Dichloroethane

Concen: 47.538 ug/l

RT: 6.003 min Scan# 686

Delta R.T. -0.012 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

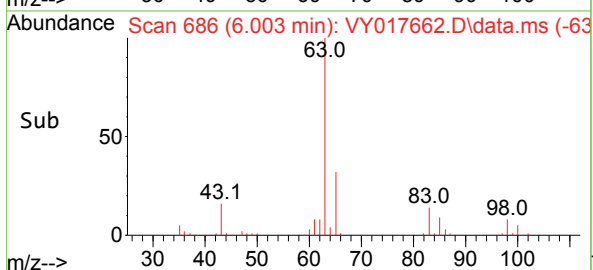
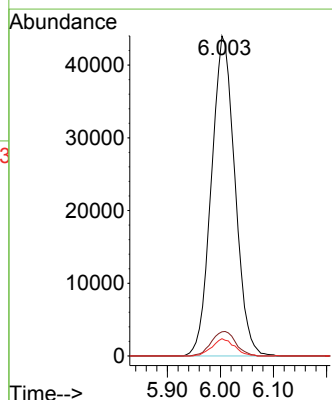
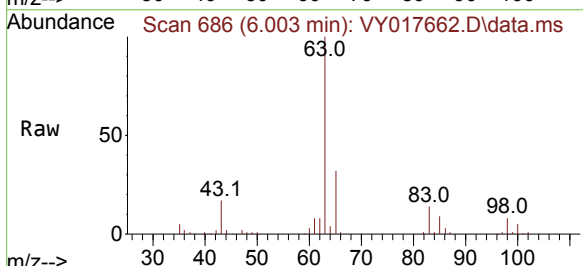
Tgt Ion: 63 Resp: 135912

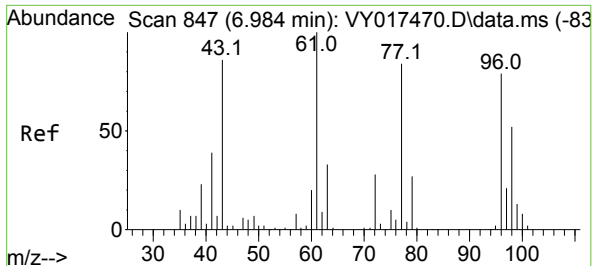
Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.2

100 5.4 2.6 8.0





#25

2-Butanone

Concen: 188.287 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

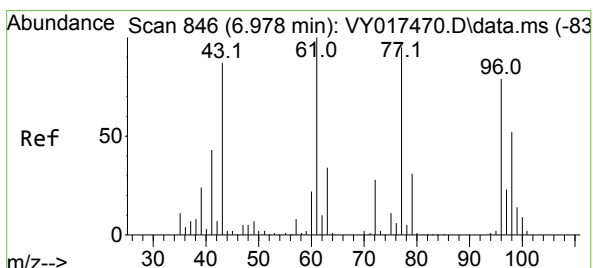
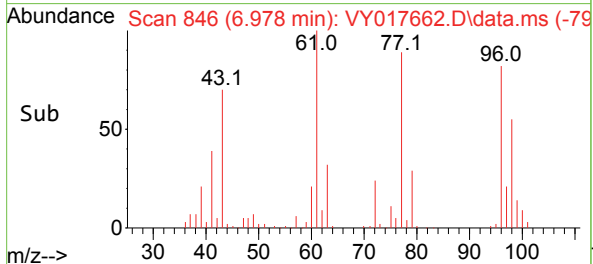
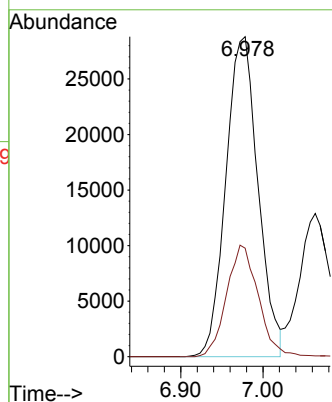
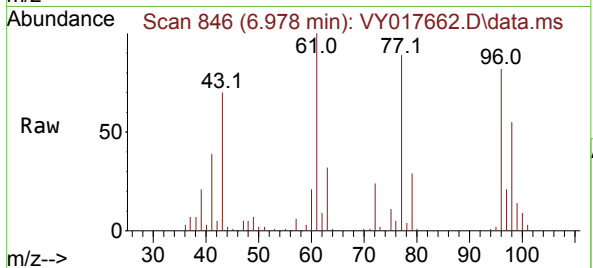
VSTDC050EC

Tgt Ion: 43 Resp: 78369

Ion Ratio Lower Upper

43 100

72 33.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 49.047 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY017662.D

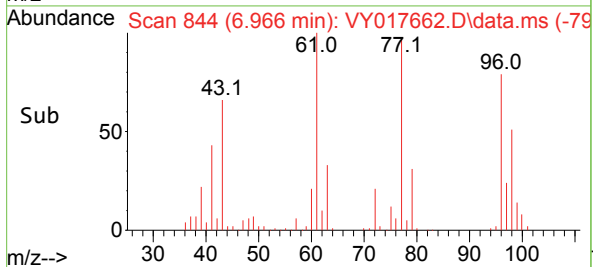
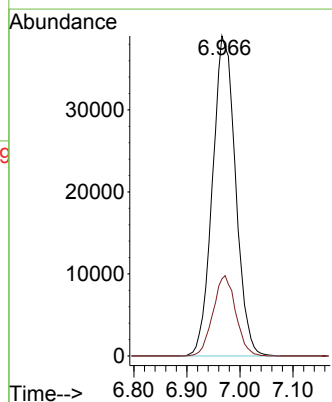
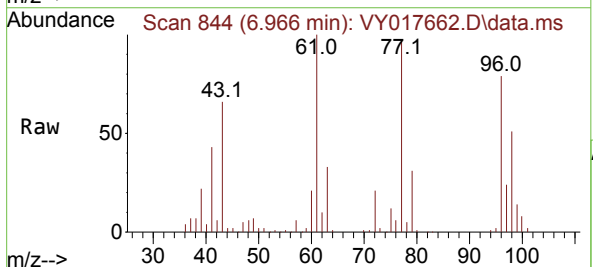
Acq: 14 Mar 2024 15:48

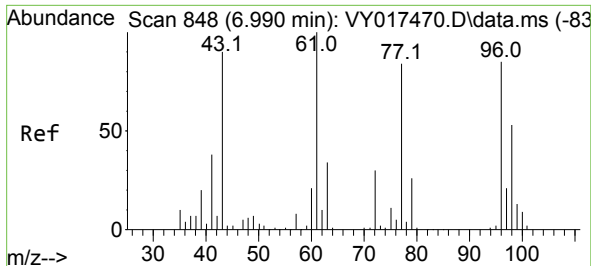
Tgt Ion: 77 Resp: 117899

Ion Ratio Lower Upper

77 100

97 24.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 48.132 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

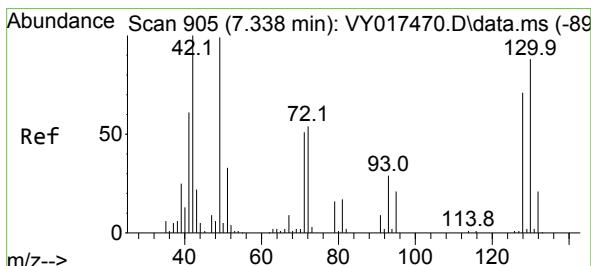
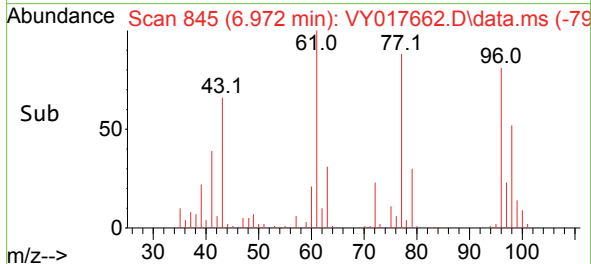
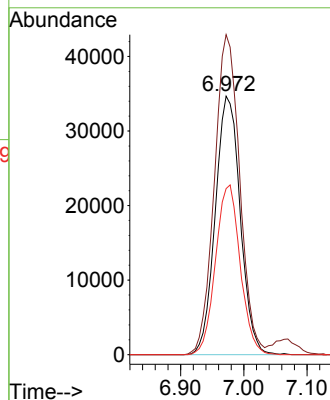
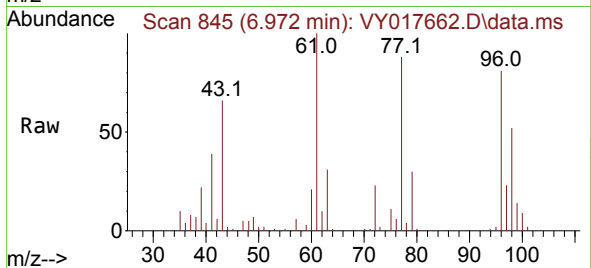
Tgt Ion: 96 Resp: 94970

Ion Ratio Lower Upper

96 100

61 125.6 0.0 256.2

98 64.9 0.0 130.0



#28

Bromochloromethane

Concen: 40.791 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.012 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

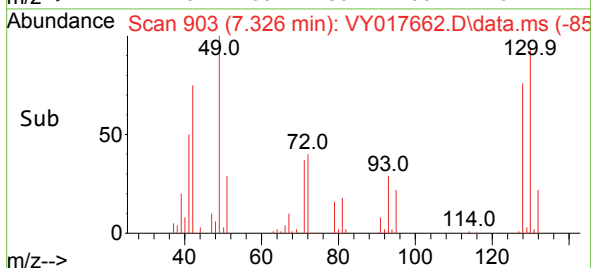
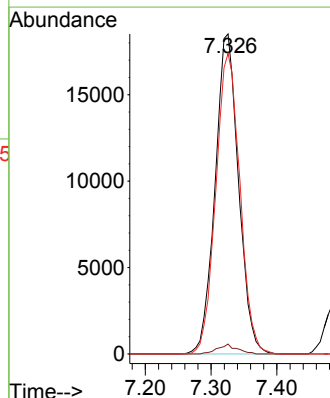
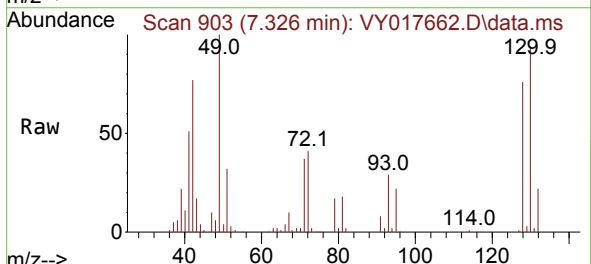
Tgt Ion: 49 Resp: 45930

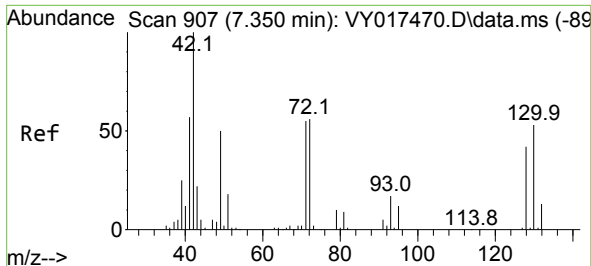
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 96.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 192.932 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

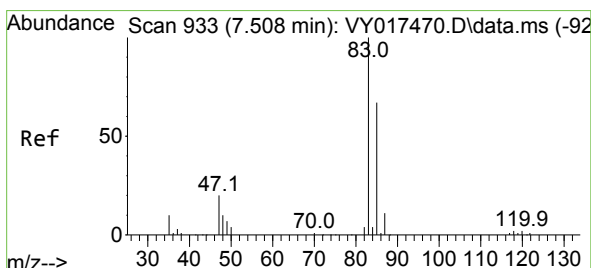
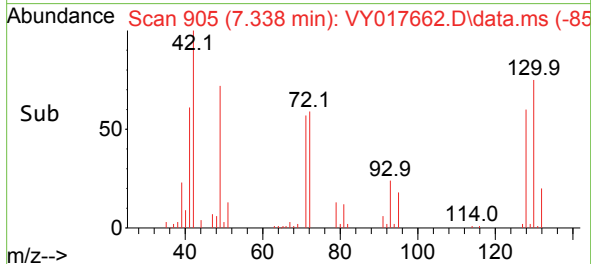
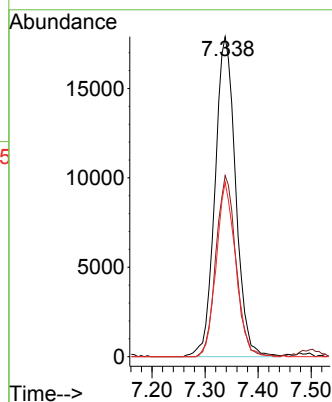
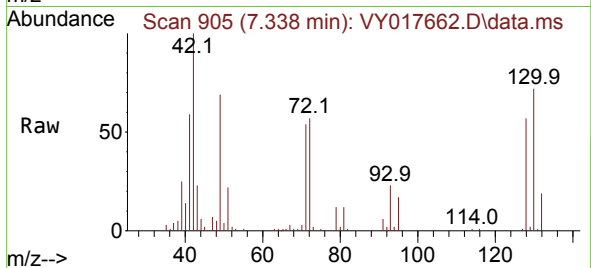
Tgt Ion: 42 Resp: 48407

Ion Ratio Lower Upper

42 100

72 54.6 43.0 64.4

71 51.6 40.8 61.2



#30

Chloroform

Concen: 48.268 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.012 min

Lab File: VY017662.D

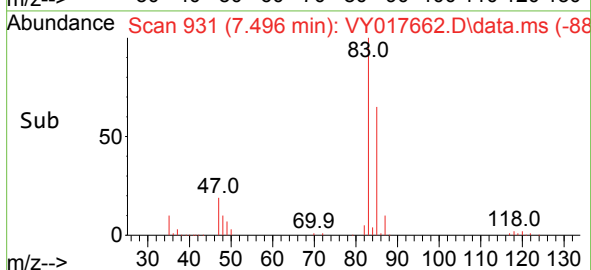
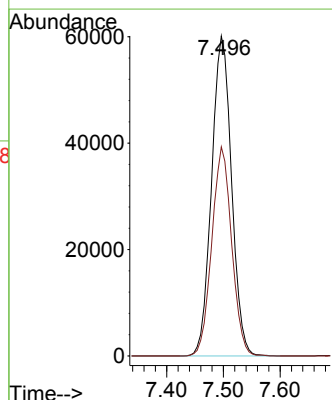
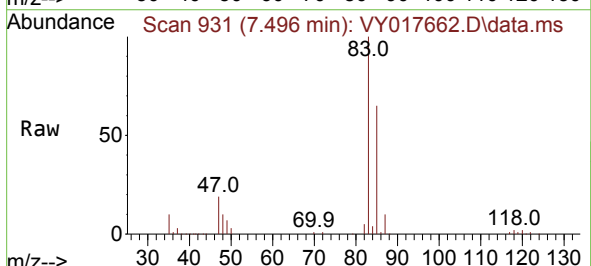
Acq: 14 Mar 2024 15:48

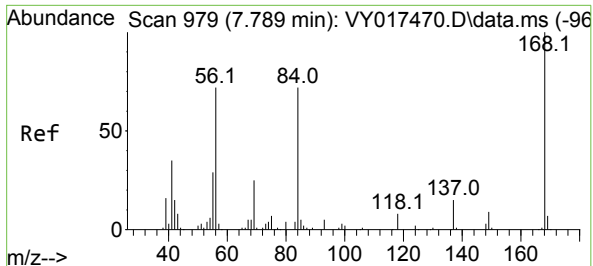
Tgt Ion: 83 Resp: 146923

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.4





#31

Cyclohexane

Concen: 45.865 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

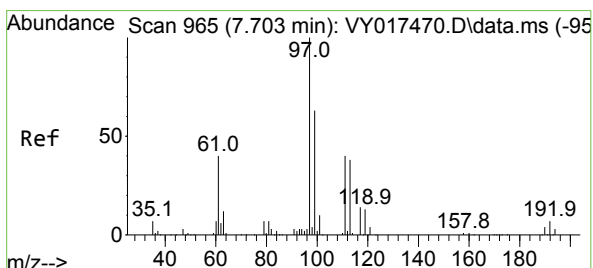
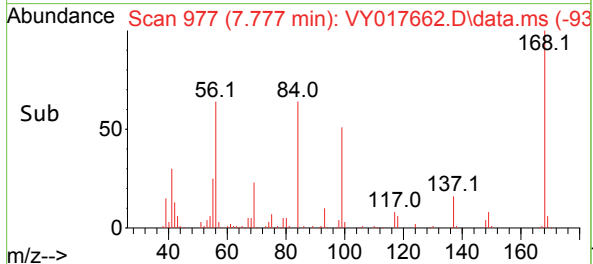
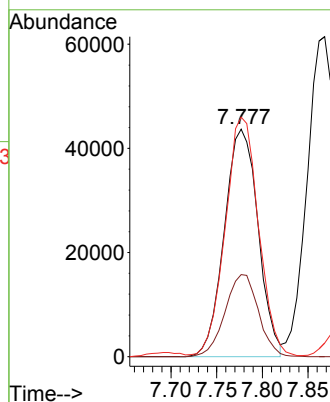
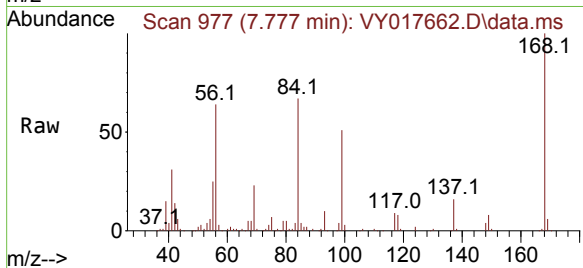
Tgt Ion: 56 Resp: 112391

Ion Ratio Lower Upper

56 100

69 36.1 28.7 43.1

84 103.8 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 48.246 ug/l

RT: 7.691 min Scan# 963

Delta R.T. -0.012 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

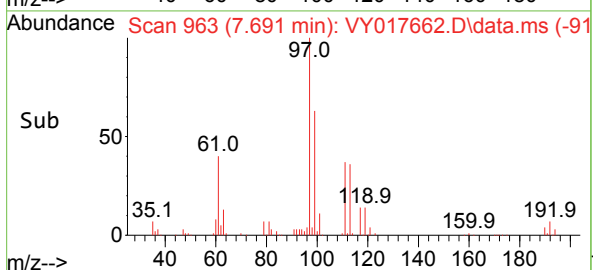
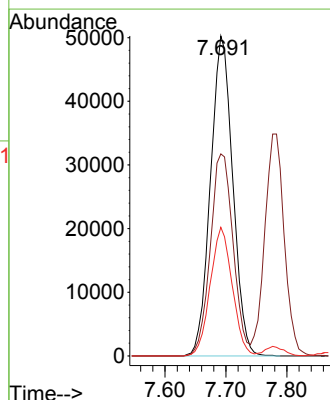
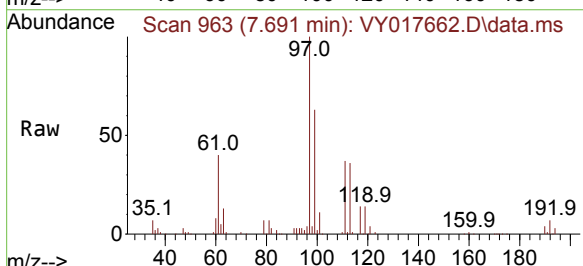
Tgt Ion: 97 Resp: 127500

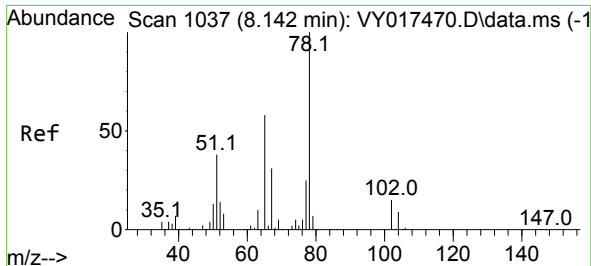
Ion Ratio Lower Upper

97 100

99 65.0 50.3 75.5

61 39.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 42.093 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

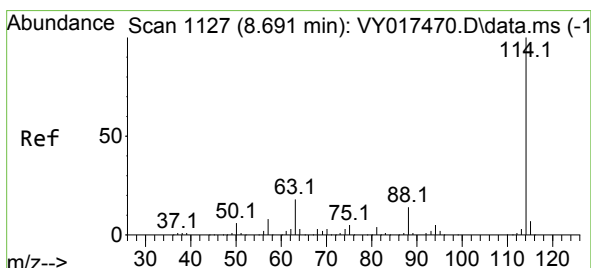
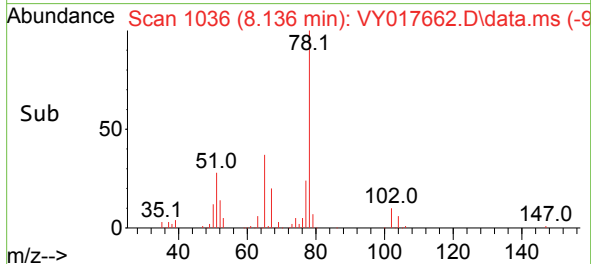
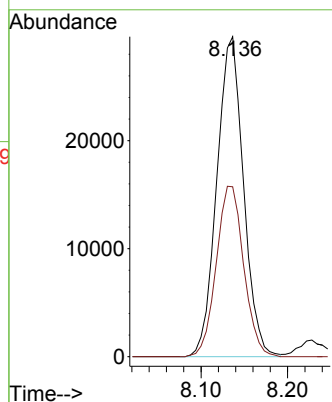
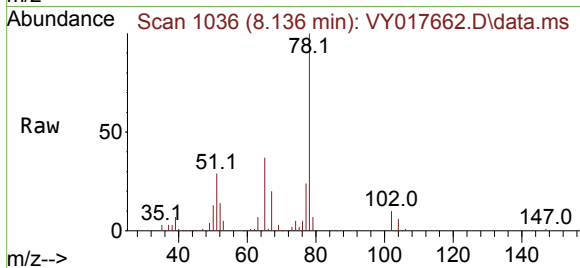
VSTDCCC050EC

Tgt Ion: 65 Resp: 63383

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

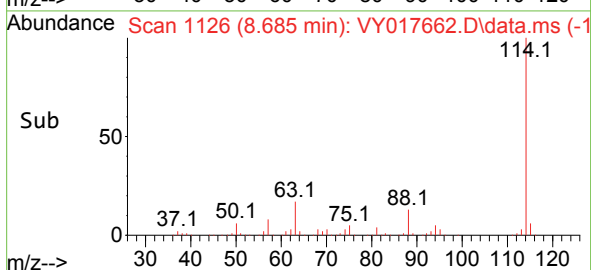
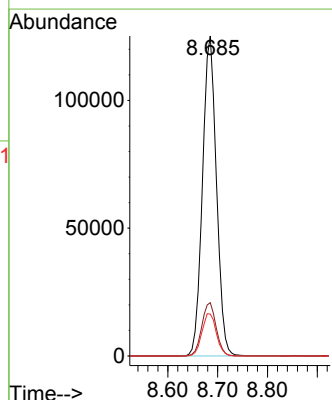
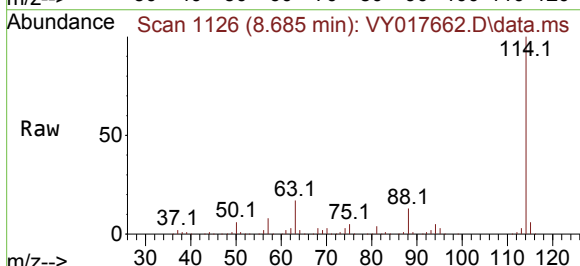
Tgt Ion: 114 Resp: 242941

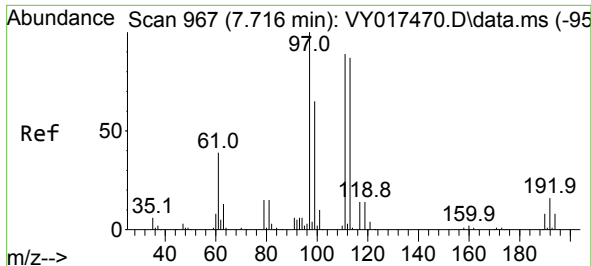
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.1 0.0 27.2

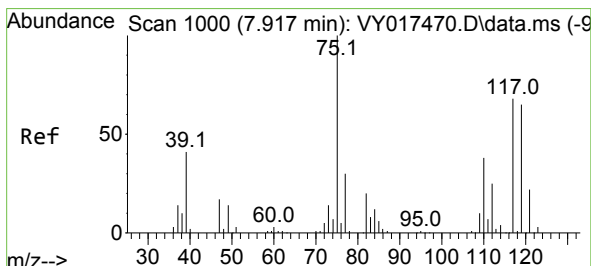
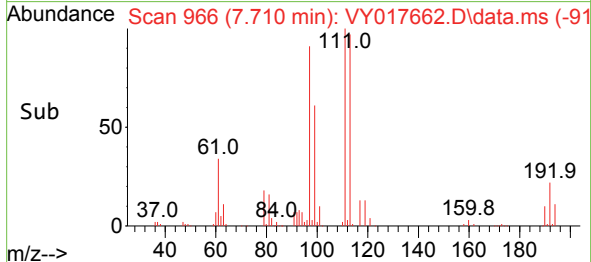
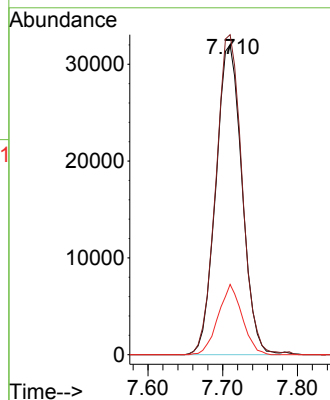
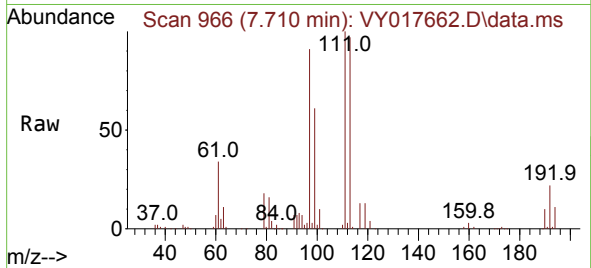




#35
Dibromofluoromethane
Concen: 45.966 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

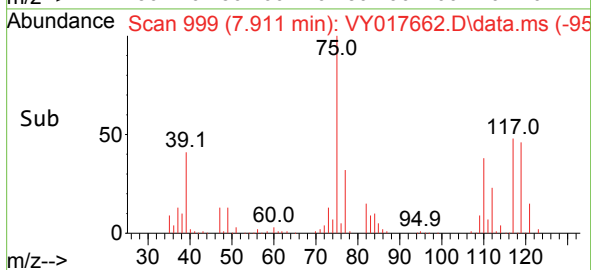
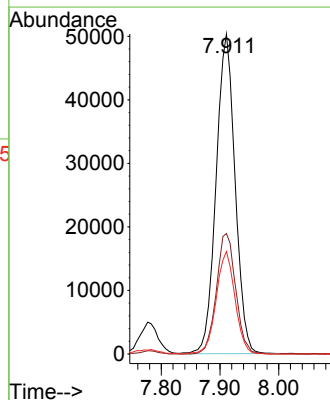
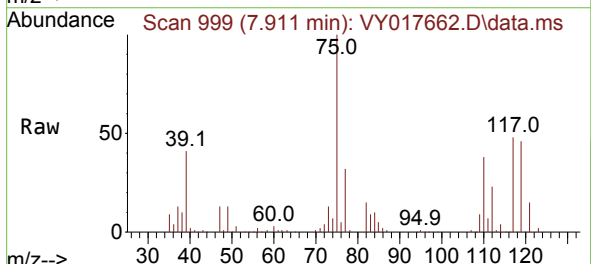
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

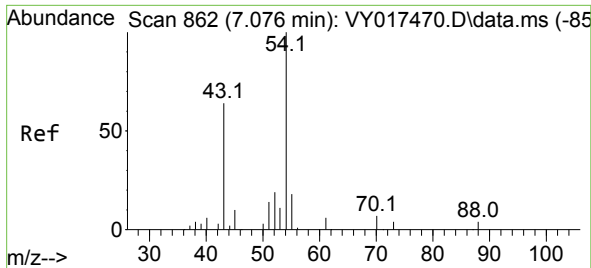
Tgt Ion:113 Resp: 77815
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.406 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 75 Resp: 112846
Ion Ratio Lower Upper
75 100
110 38.2 19.0 57.0
77 31.8 25.3 37.9

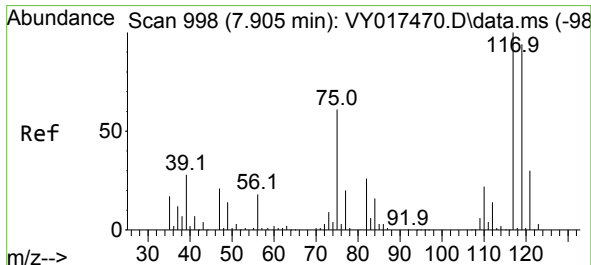
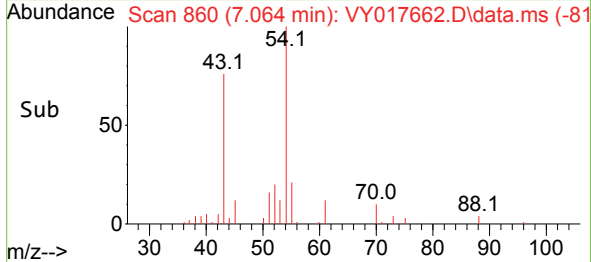
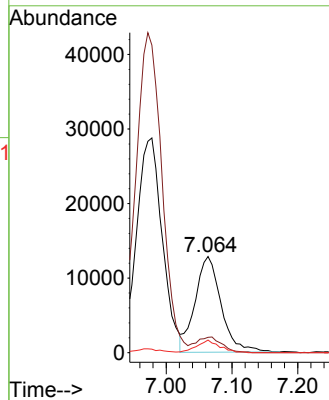
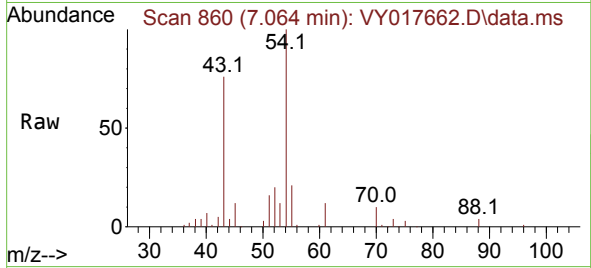




#37
Ethyl Acetate
Concen: 38.989 ug/l
RT: 7.064 min Scan# 860
Delta R.T. -0.012 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

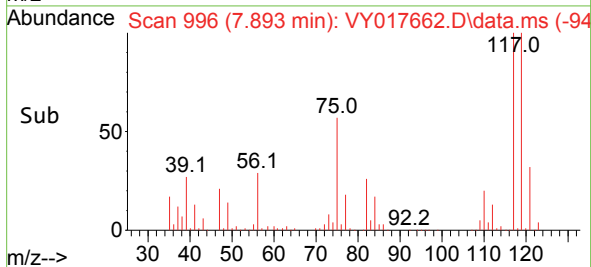
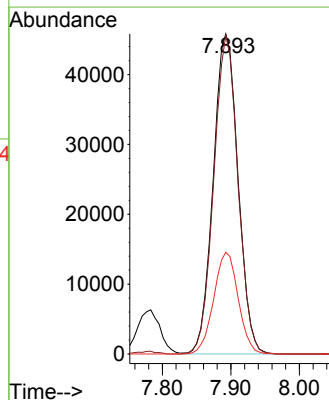
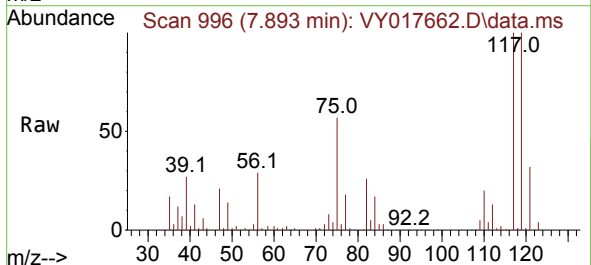
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

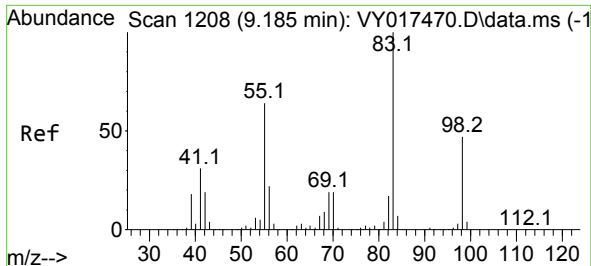
Tgt Ion: 43	Resp:	35173
Ion Ratio	Lower	Upper
43	100	
61	16.4	12.6 19.0
70	11.6	7.8 11.8



#38
Carbon Tetrachloride
Concen: 50.271 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.012 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 117	Resp:	115079
Ion Ratio	Lower	Upper
117	100	
119	99.6	75.8 113.6
121	31.7	24.0 36.0





#39

Methylcyclohexane

Concen: 51.061 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

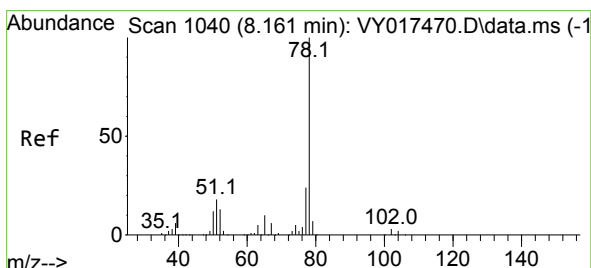
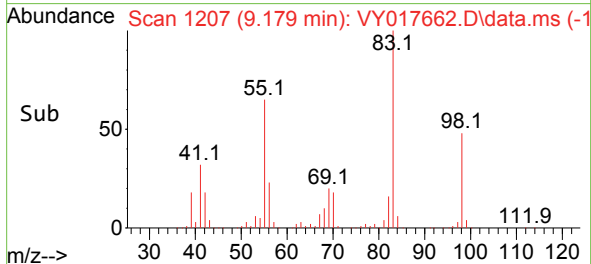
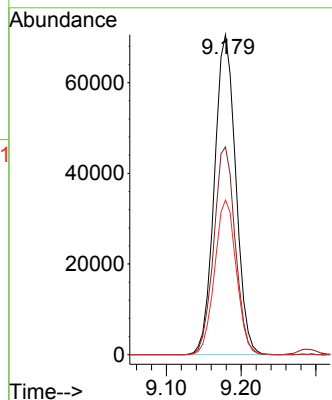
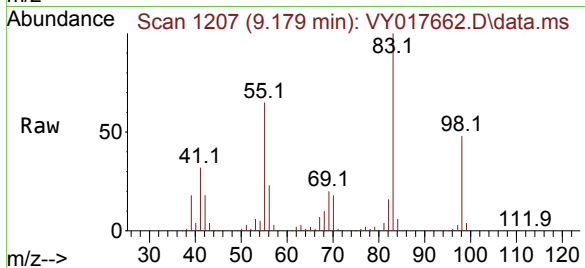
Tgt Ion: 83 Resp: 140162

Ion Ratio Lower Upper

83 100

55 65.0 51.5 77.3

98 48.3 40.5 60.7



#40

Benzene

Concen: 49.100 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY017662.D

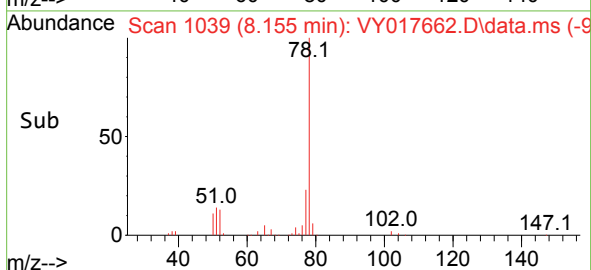
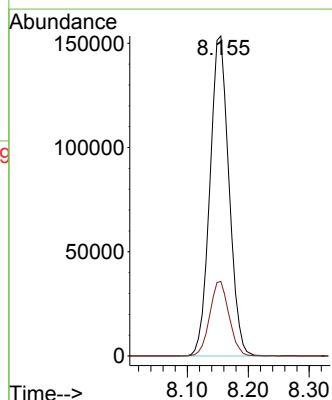
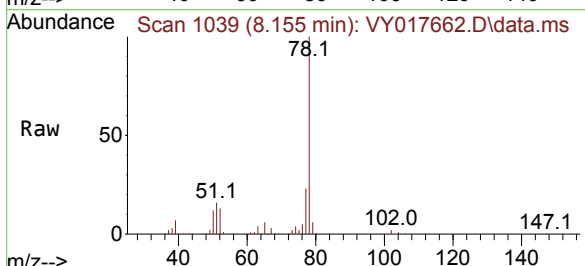
Acq: 14 Mar 2024 15:48

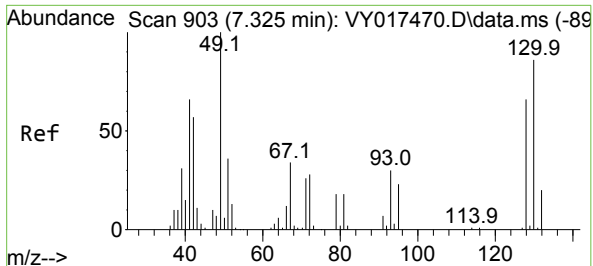
Tgt Ion: 78 Resp: 333051

Ion Ratio Lower Upper

78 100

77 23.3 19.5 29.3

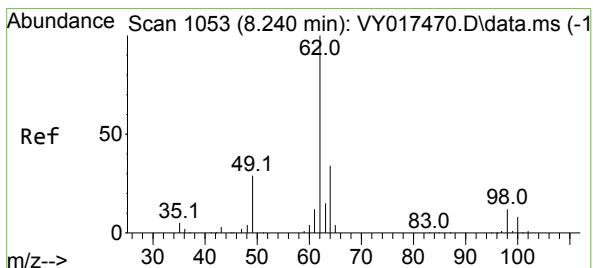
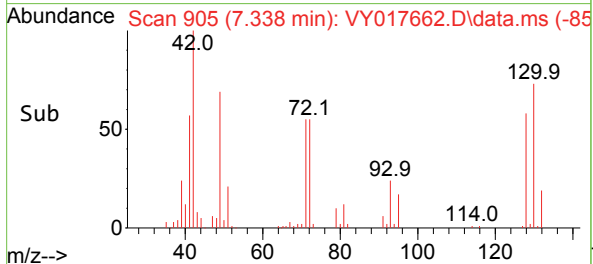
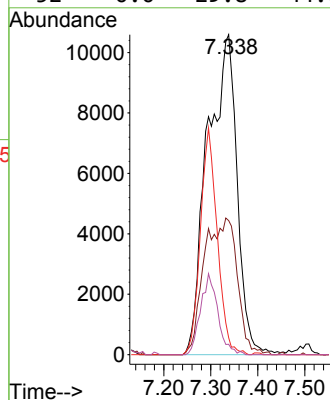
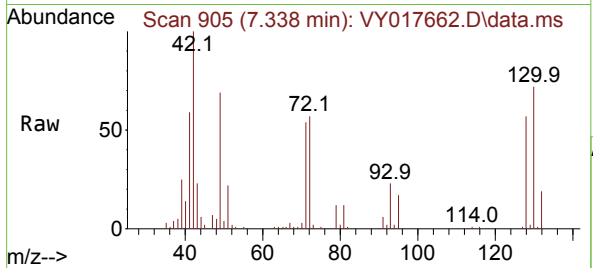




#41
Methacrylonitrile
Concen: 102.035 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

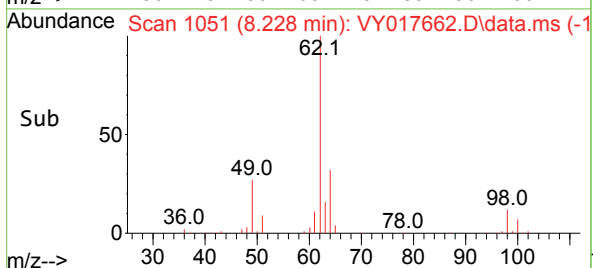
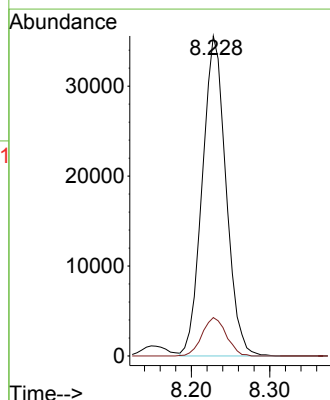
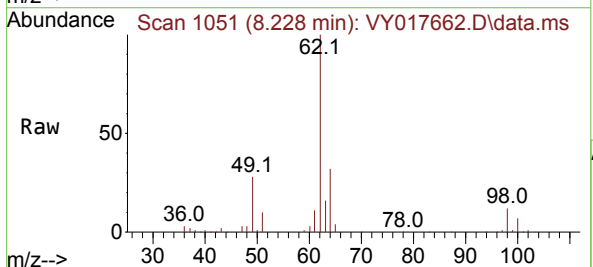
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

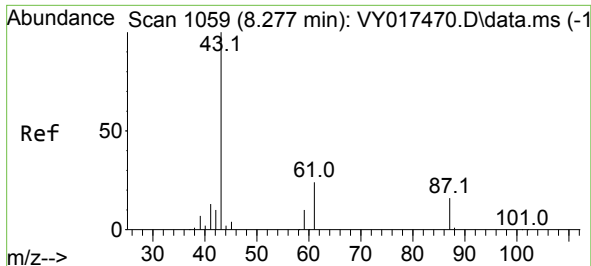
Tgt Ion: 41 Resp: 46191
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 45.089 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 62 Resp: 74622
Ion Ratio Lower Upper
62 100
98 12.2 0.0 22.0

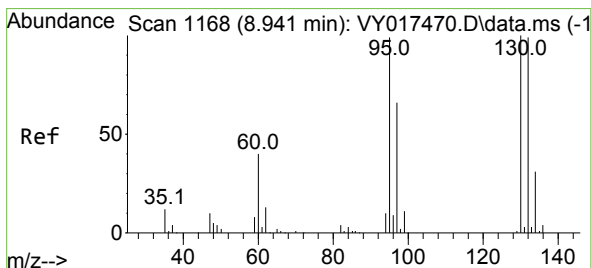
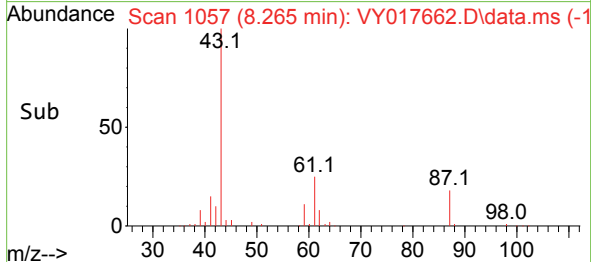
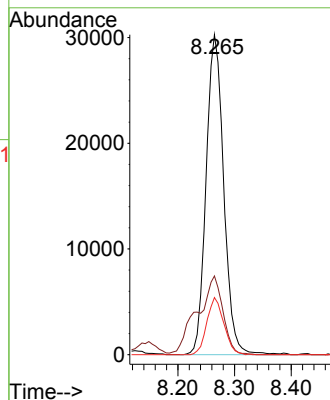
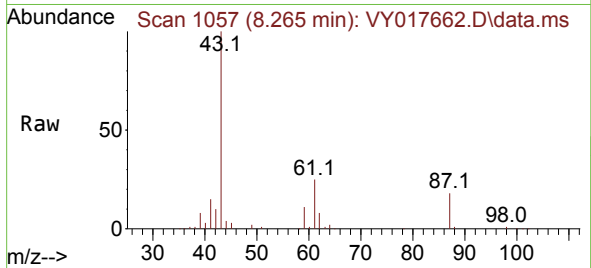




#43
Isopropyl Acetate
Concen: 41.171 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

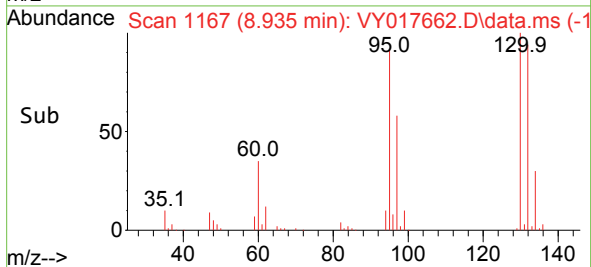
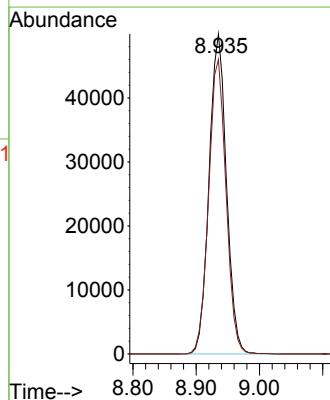
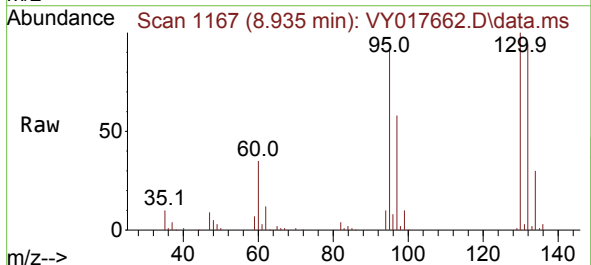
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

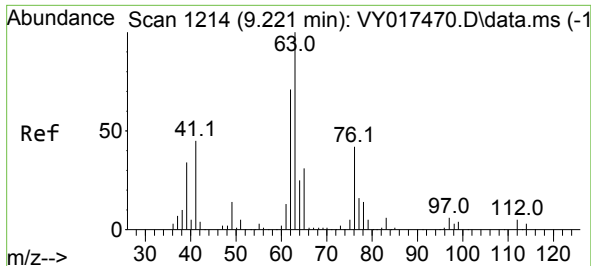
Tgt Ion: 43 Resp: 65267
Ion Ratio Lower Upper
43 100
61 35.9 27.9 41.9
87 17.3 13.1 19.7



#44
Trichloroethene
Concen: 48.766 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 130 Resp: 95343
Ion Ratio Lower Upper
130 100
95 92.0 0.0 188.0

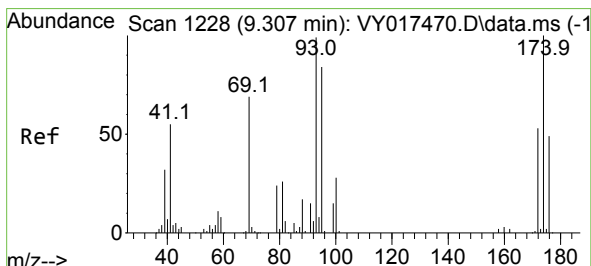
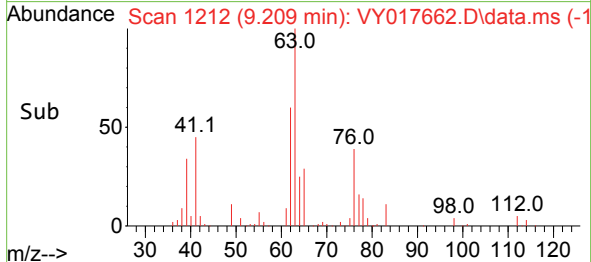
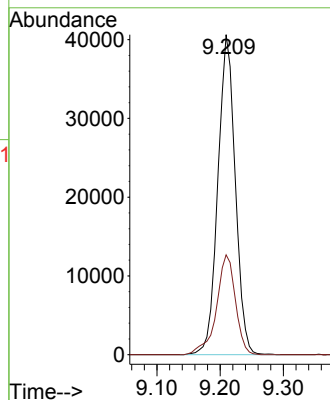
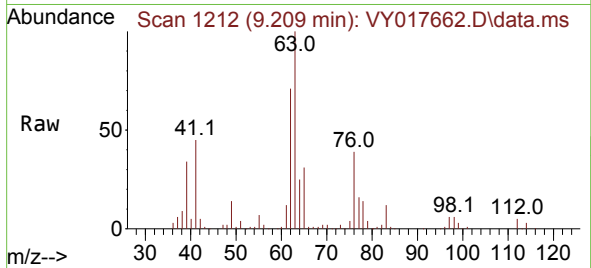




#45
1,2-Dichloropropane
Concen: 47.913 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

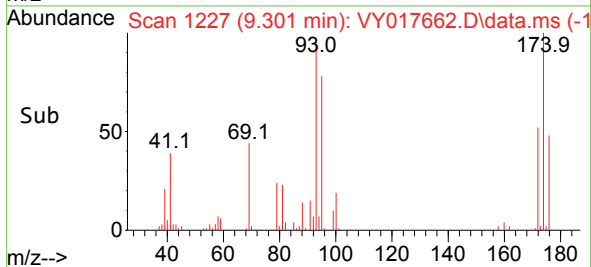
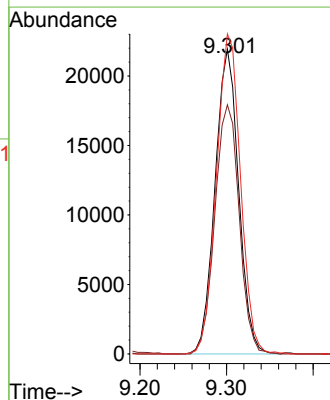
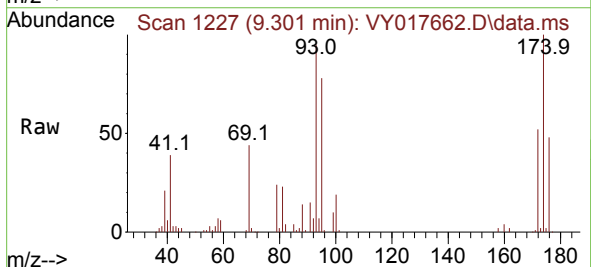
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

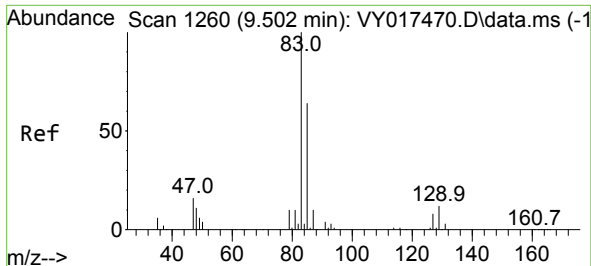
Tgt Ion: 63 Resp: 77322
Ion Ratio Lower Upper
63 100
65 31.2 25.4 38.2



#46
Dibromomethane
Concen: 44.898 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 93 Resp: 41467
Ion Ratio Lower Upper
93 100
95 84.4 66.2 99.4
174 107.6 80.9 121.3

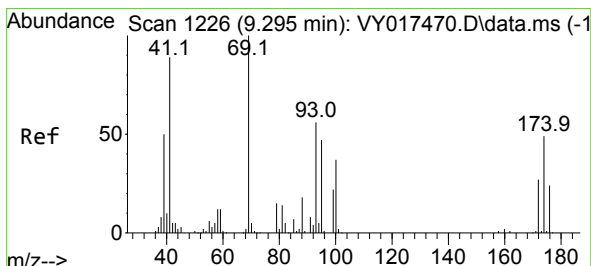
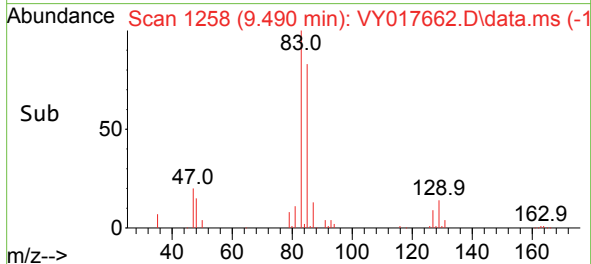
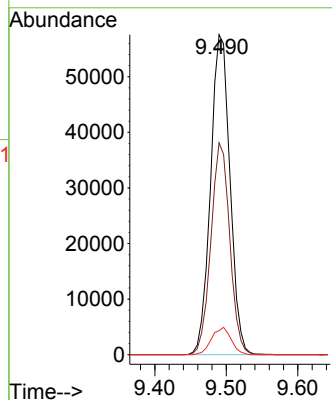
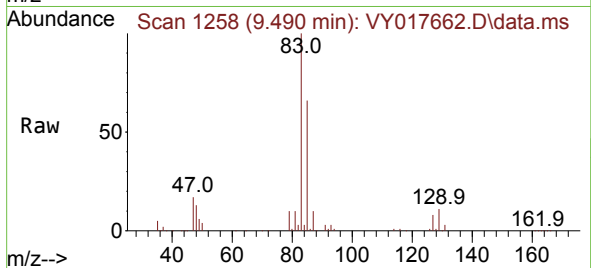




#47
Bromodichloromethane
Concen: 48.335 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.012 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

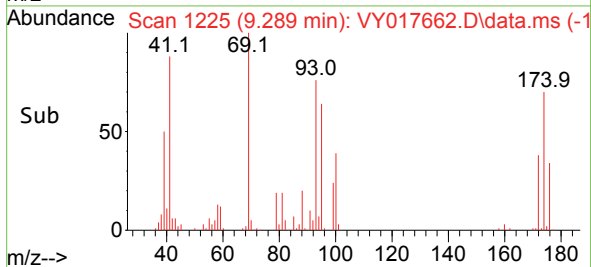
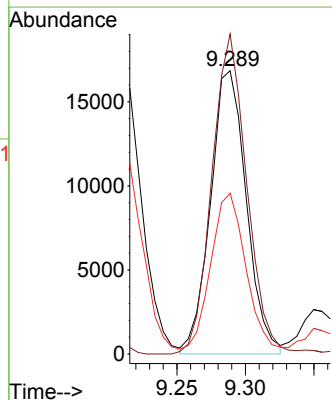
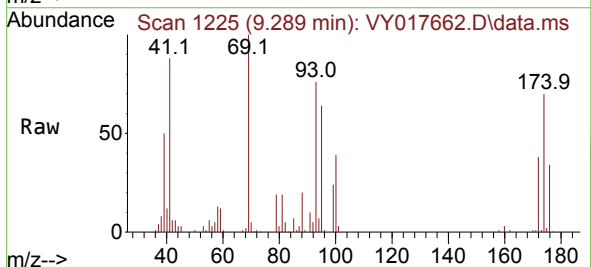
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

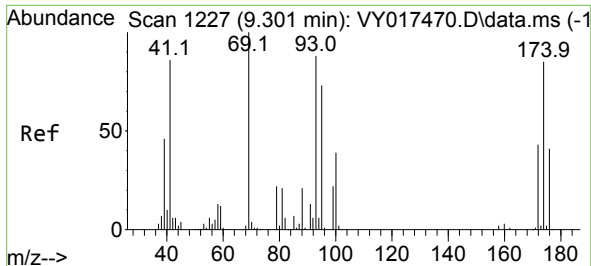
Tgt Ion: 83 Resp: 108392
Ion Ratio Lower Upper
83 100
85 66.2 50.1 75.1
127 7.5 7.4 11.0



#48
Methyl methacrylate
Concen: 41.779 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 41 Resp: 30657
Ion Ratio Lower Upper
41 100
69 111.0 84.1 126.1
39 53.9 43.6 65.4





#49

1,4-Dioxane

Concen: 848.424 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

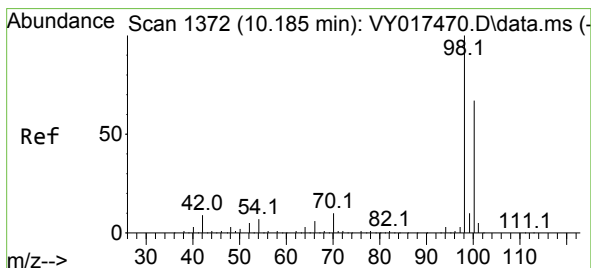
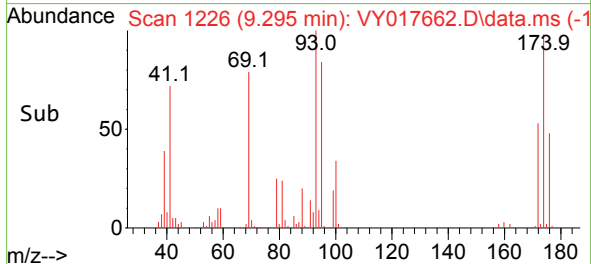
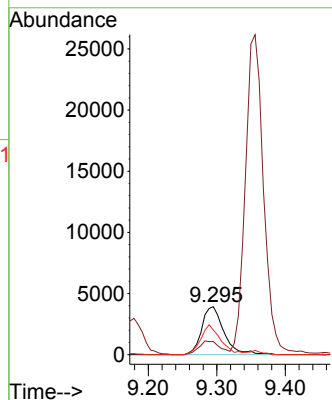
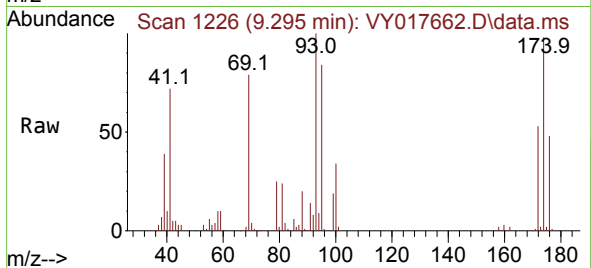
Tgt Ion: 88 Resp: 8868

Ion Ratio Lower Upper

88 100

43 27.5 0.0 0.0#

58 55.5 49.3 73.9



#50

Toluene-d8

Concen: 48.699 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017662.D

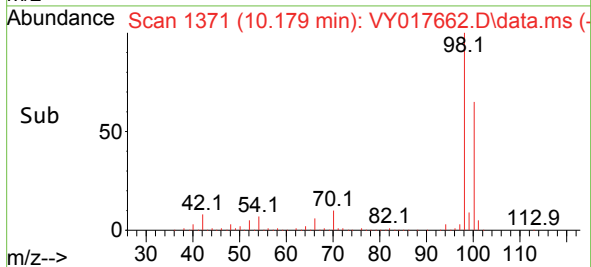
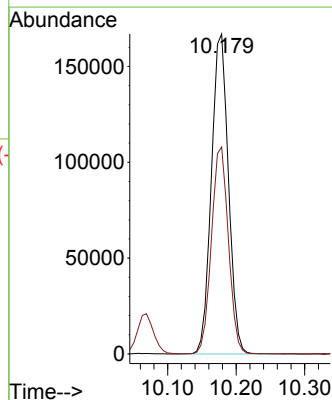
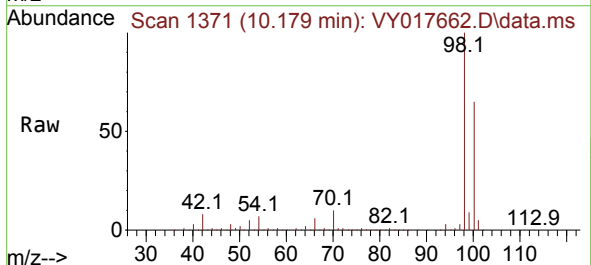
Acq: 14 Mar 2024 15:48

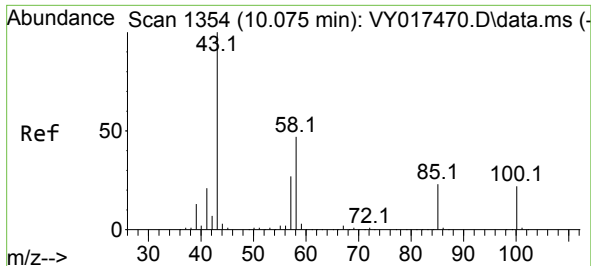
Tgt Ion: 98 Resp: 288245

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 198.062 ug/l

RT: 10.063 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

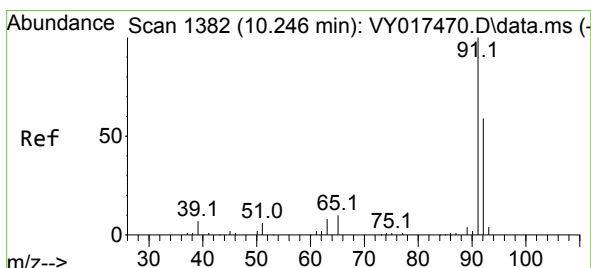
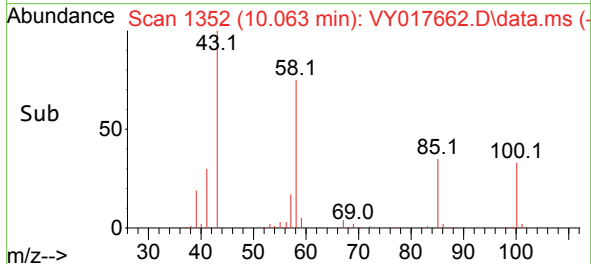
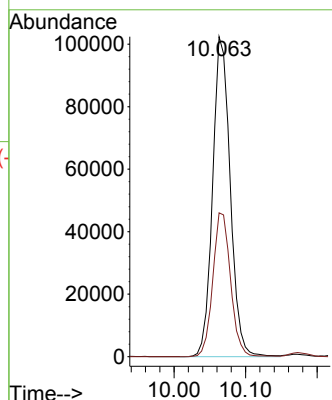
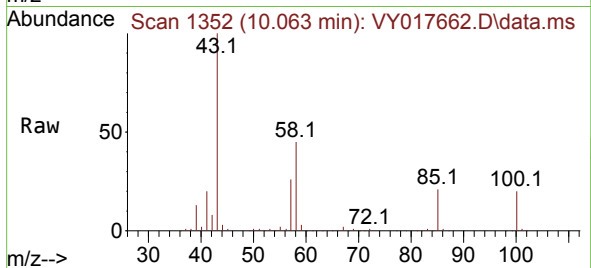
VSTDCCC050EC

Tgt Ion: 43 Resp: 174991

Ion Ratio Lower Upper

43 100

58 45.4 35.7 53.5



#52

Toluene

Concen: 49.682 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY017662.D

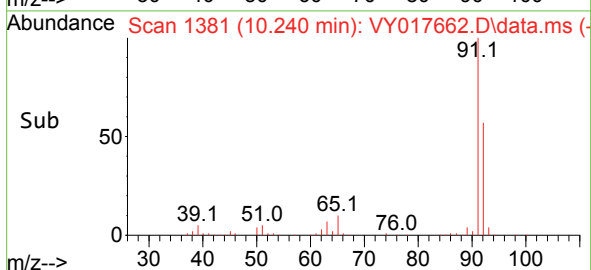
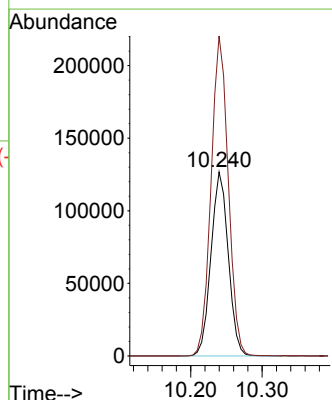
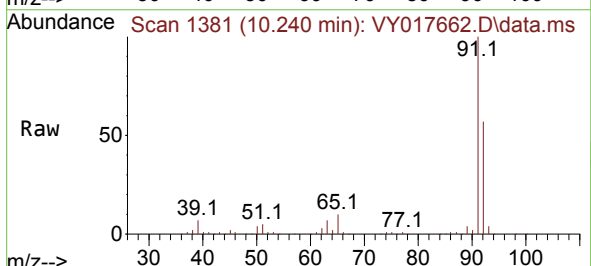
Acq: 14 Mar 2024 15:48

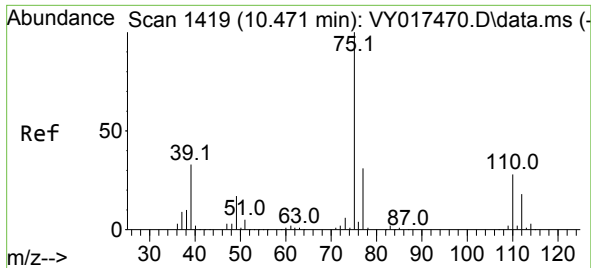
Tgt Ion: 92 Resp: 212449

Ion Ratio Lower Upper

92 100

91 173.1 139.0 208.6

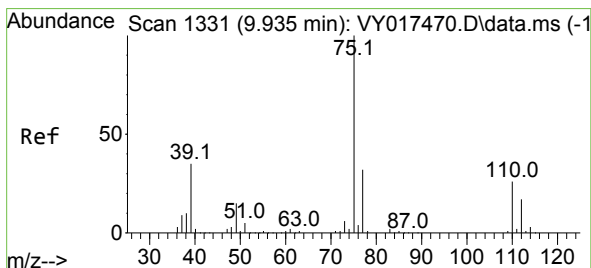
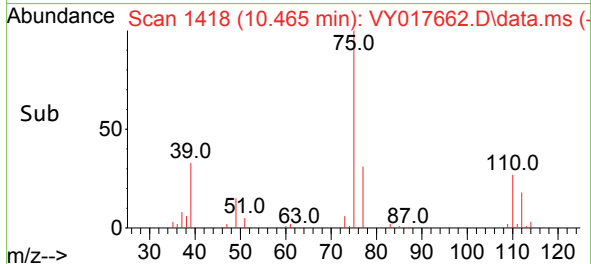
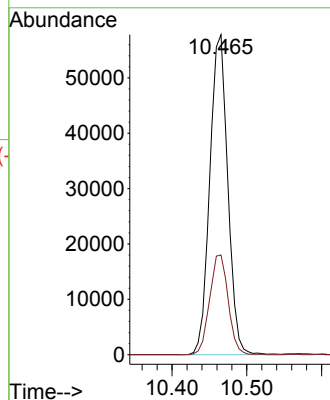
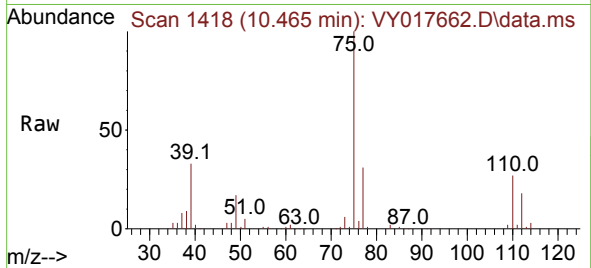




#53
 t-1,3-Dichloropropene
 Concen: 46.370 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017662.D
 Acq: 14 Mar 2024 15:48

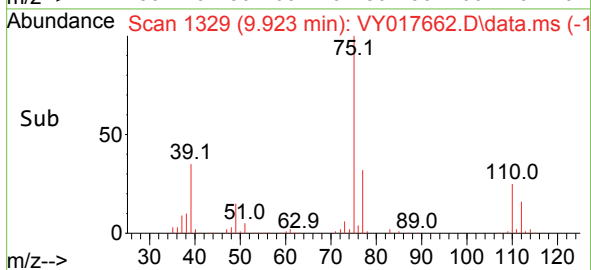
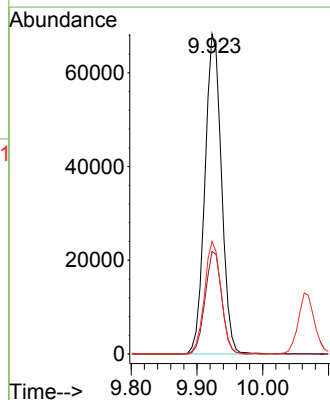
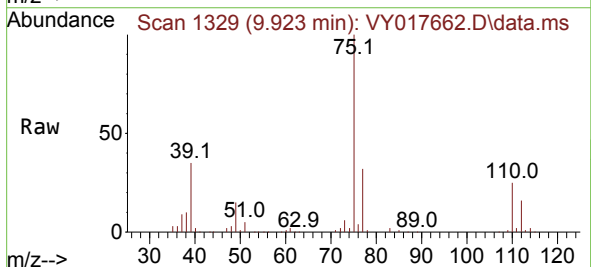
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

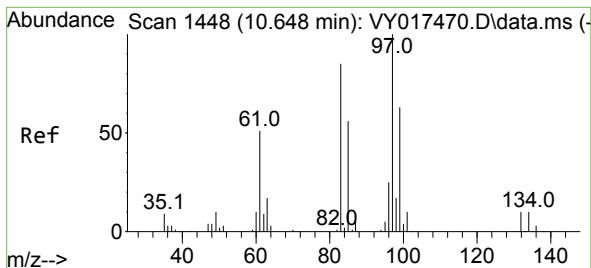
Tgt Ion: 75 Resp: 96517
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 47.353 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.012 min
 Lab File: VY017662.D
 Acq: 14 Mar 2024 15:48

Tgt Ion: 75 Resp: 119762
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 35.1 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 44.846 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 58807

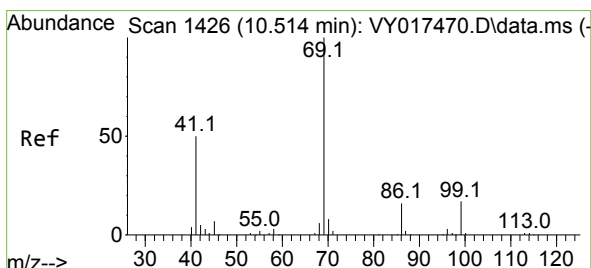
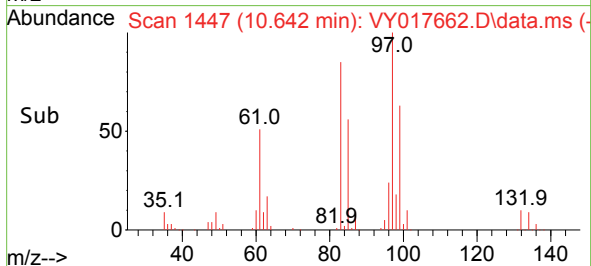
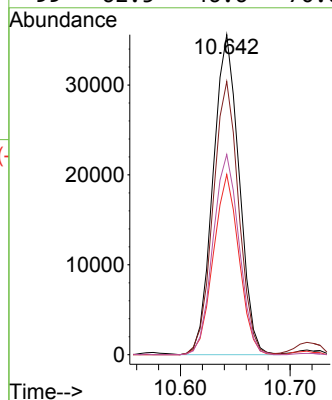
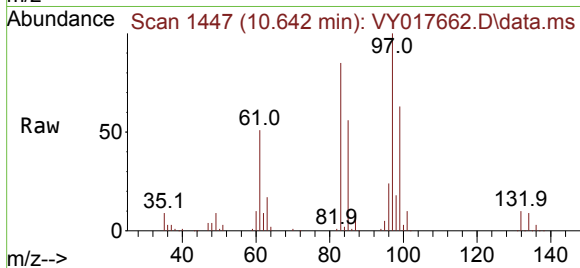
Ion Ratio Lower Upper

97 100

83 85.4 67.5 101.3

85 56.3 42.9 64.3

99 62.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 40.787 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

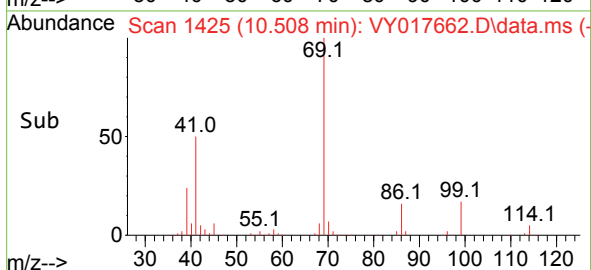
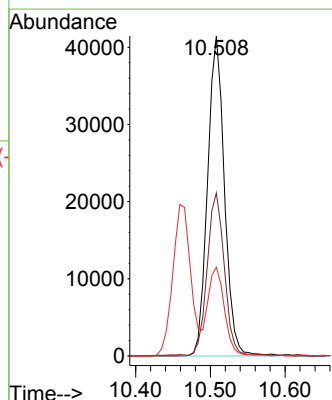
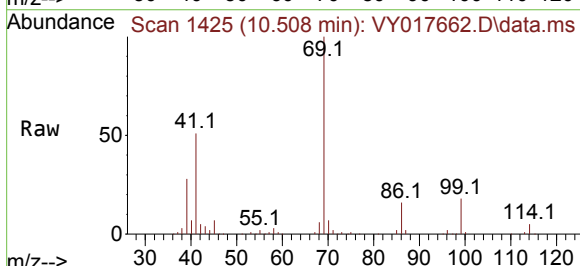
Tgt Ion: 69 Resp: 65003

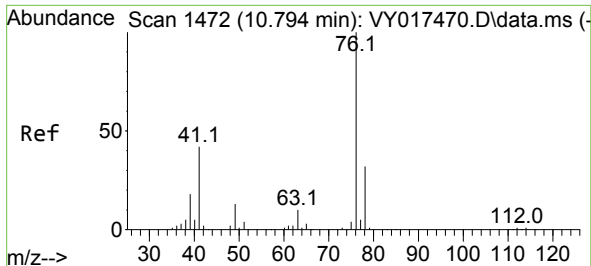
Ion Ratio Lower Upper

69 100

41 52.7 42.3 63.5

39 26.6 22.9 34.3





#57

1,3-Dichloropropane

Concen: 45.503 ug/l

RT: 10.788 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

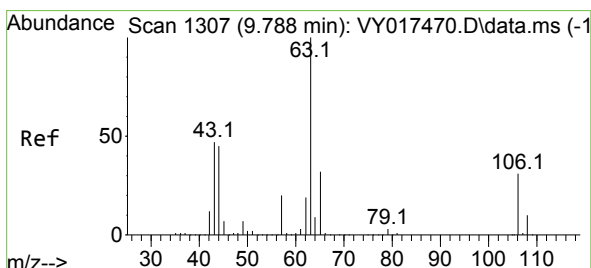
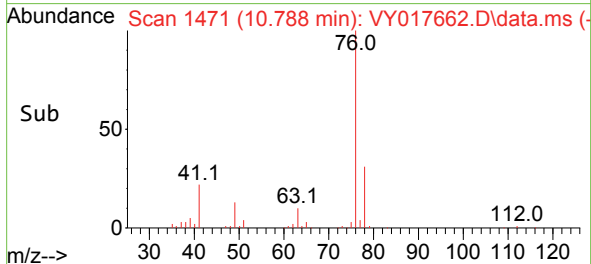
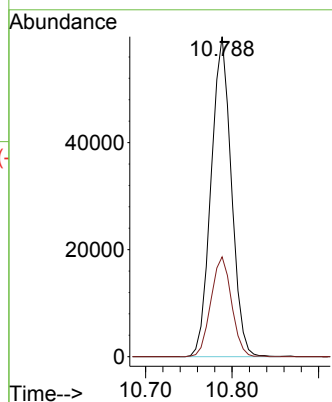
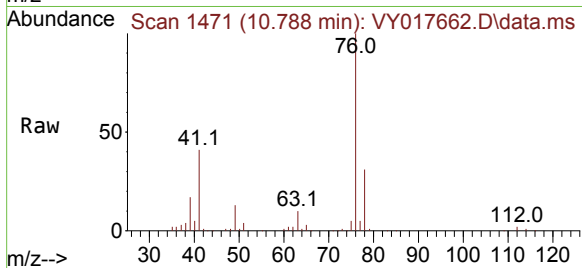
VSTDCCC050EC

Tgt Ion: 76 Resp: 97014

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 174.789 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.012 min

Lab File: VY017662.D

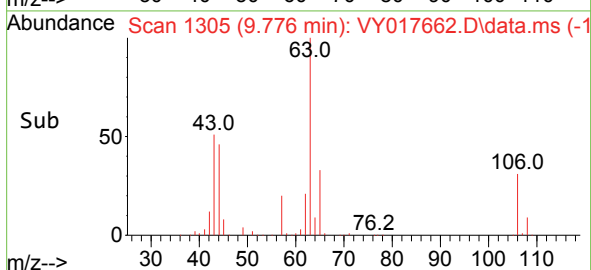
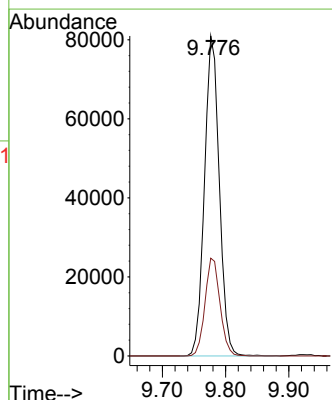
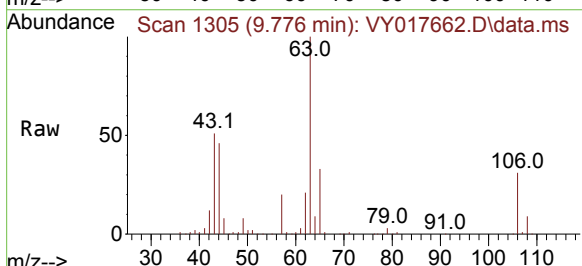
Acq: 14 Mar 2024 15:48

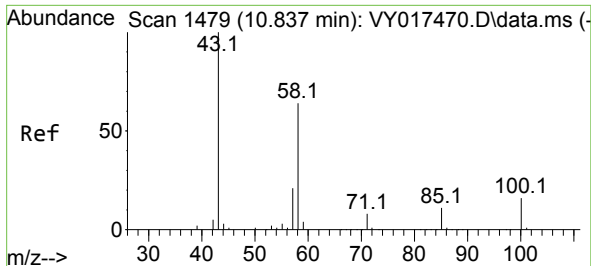
Tgt Ion: 63 Resp: 132262

Ion Ratio Lower Upper

63 100

106 30.9 23.7 35.5

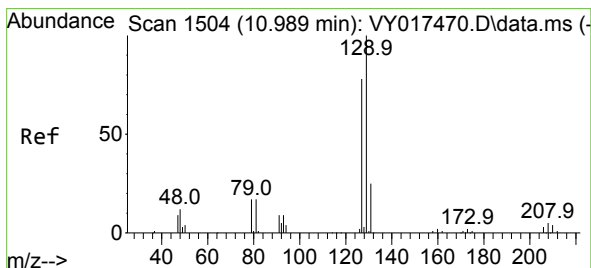
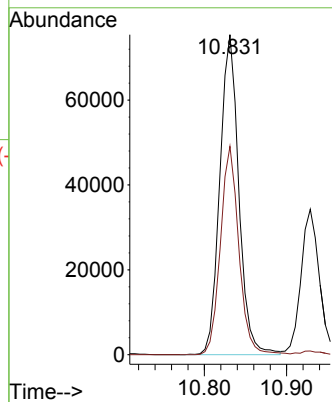
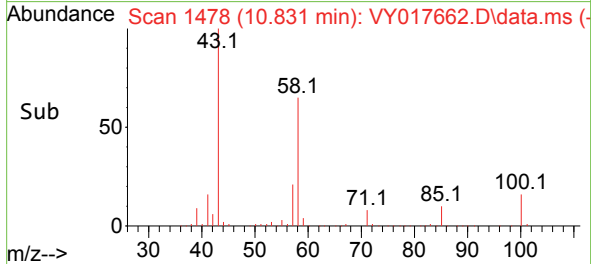
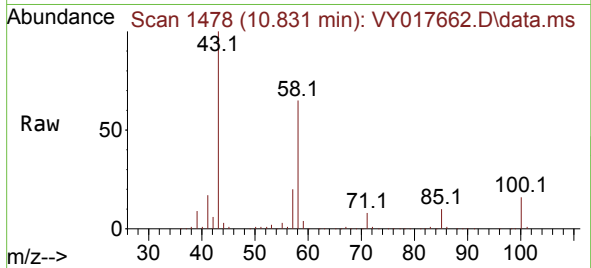




#59
2-Hexanone
Concen: 198.990 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

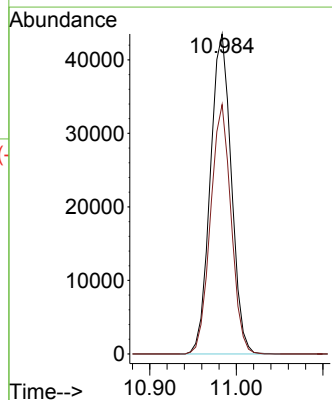
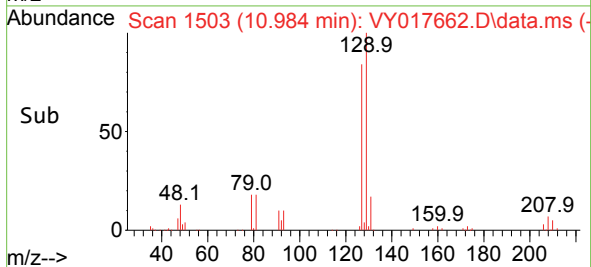
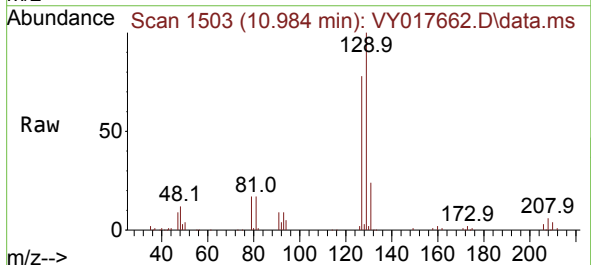
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

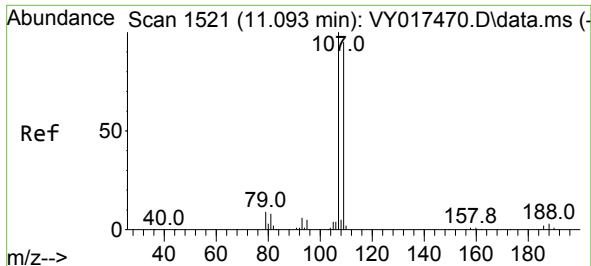
Tgt Ion: 43 Resp: 120761
Ion Ratio Lower Upper
43 100
58 63.3 31.4 94.0



#60
Dibromochloromethane
Concen: 47.259 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 129 Resp: 73312
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0

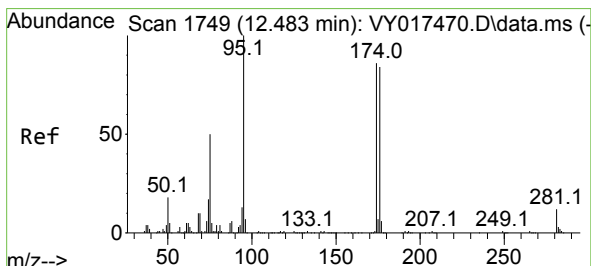
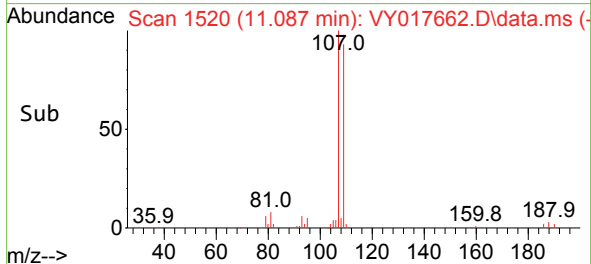
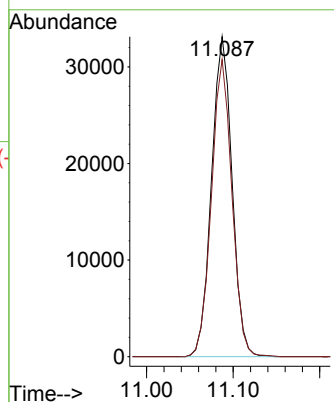
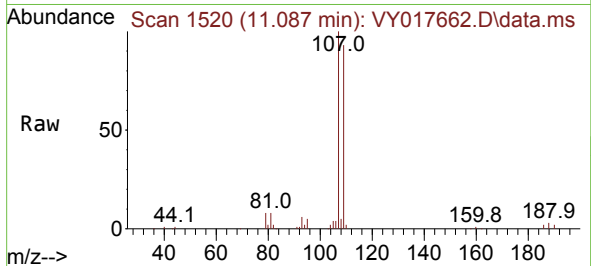




#61
1,2-Dibromoethane
Concen: 45.144 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

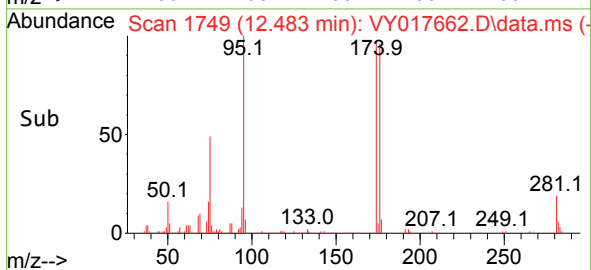
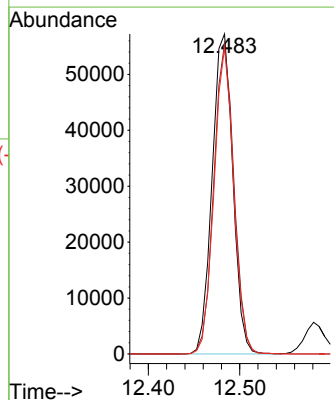
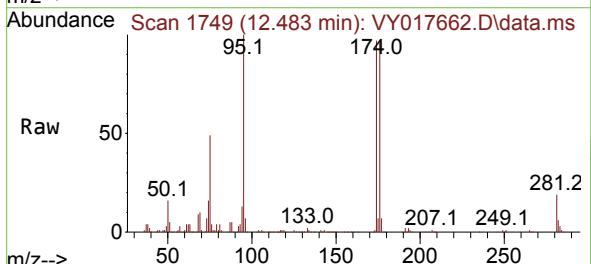
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

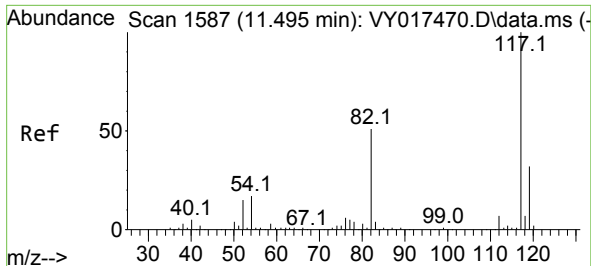
Tgt Ion:107 Resp: 54554
Ion Ratio Lower Upper
107 100
109 92.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.275 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 95 Resp: 89800
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 90.9 0.0 171.4

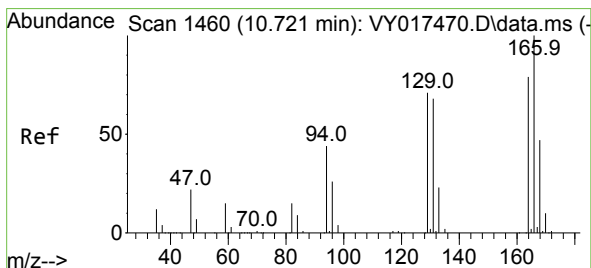
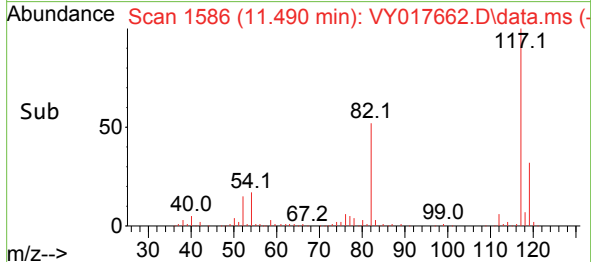
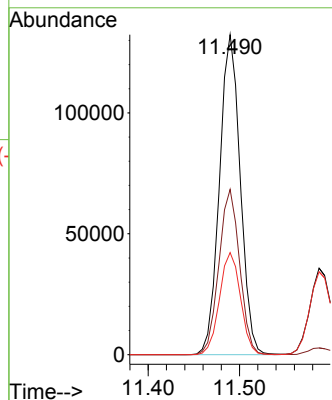
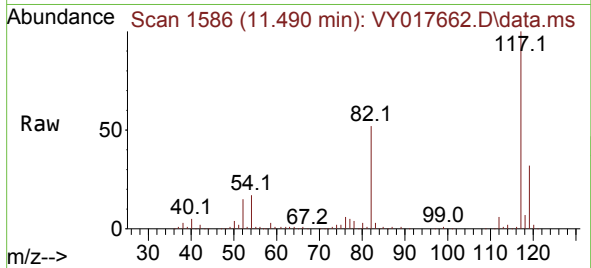




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

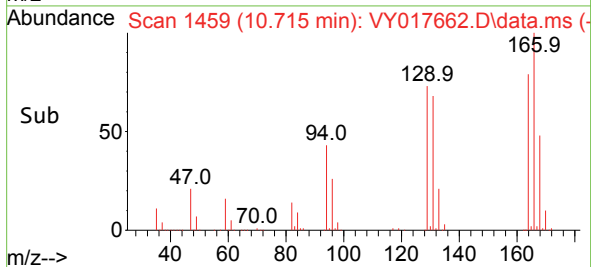
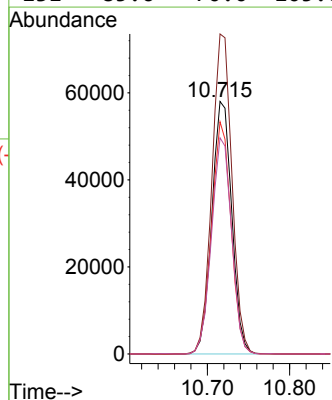
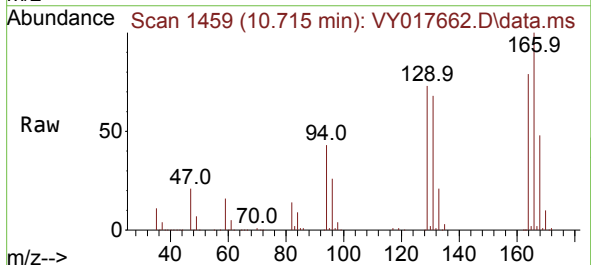
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

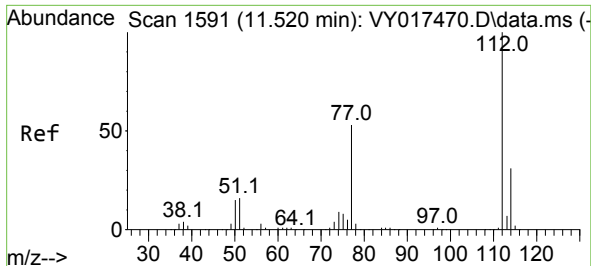
Tgt Ion:117 Resp: 209325
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 48.684 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion:164 Resp: 97814
Ion Ratio Lower Upper
164 100
166 126.7 102.6 154.0
129 92.0 72.0 108.0
131 85.6 70.0 105.0

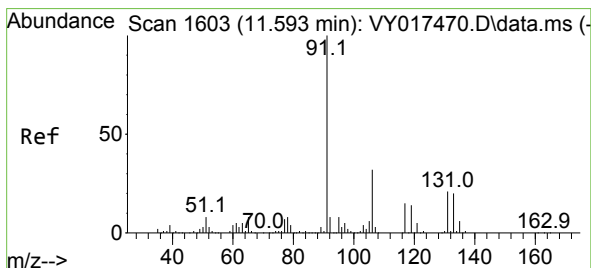
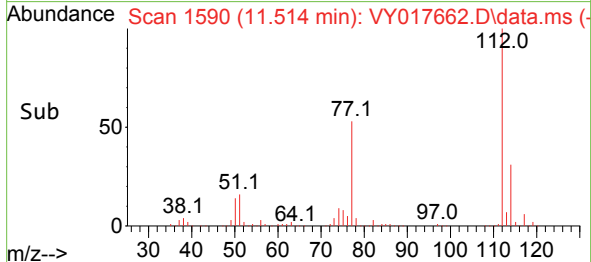
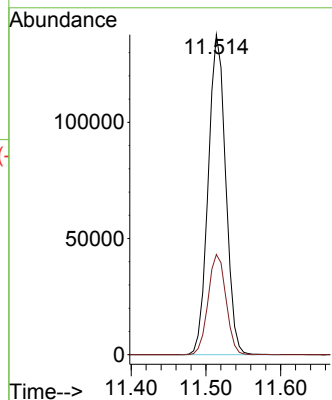
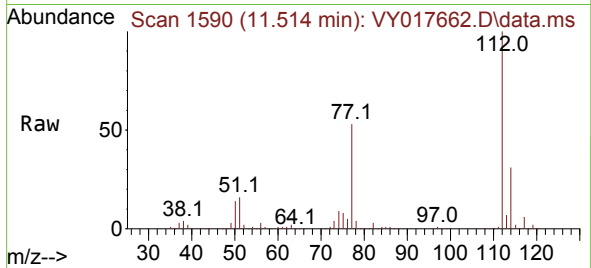




#65
Chlorobenzene
Concen: 50.213 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

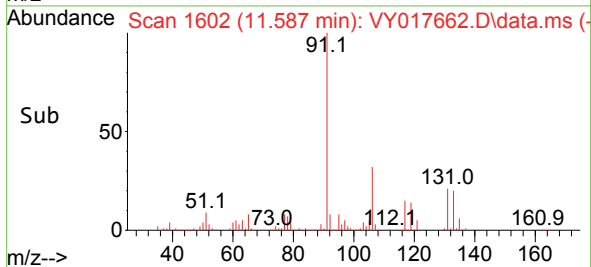
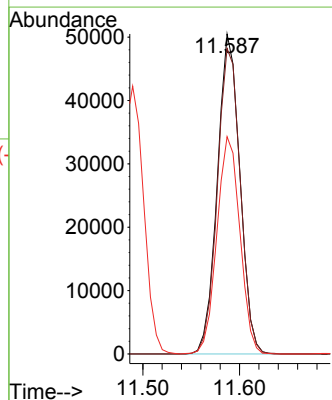
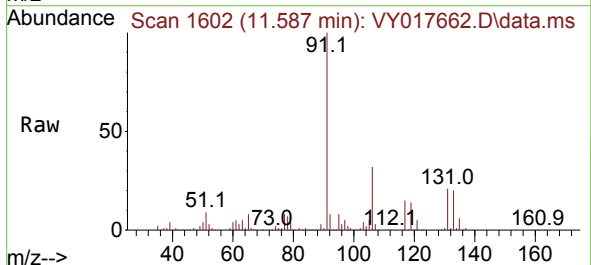
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

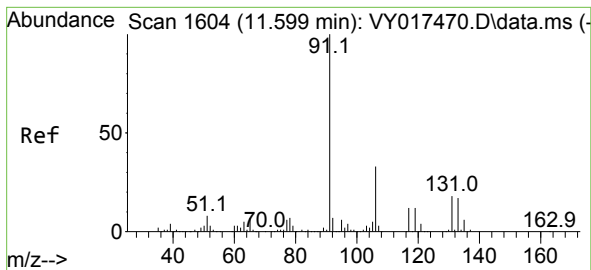
Tgt Ion:112 Resp: 223098
Ion Ratio Lower Upper
112 100
114 31.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.047 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion:131 Resp: 81640
Ion Ratio Lower Upper
131 100
133 97.2 47.8 143.3
119 69.4 34.1 102.2





#67

Ethyl Benzene

Concen: 52.241 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

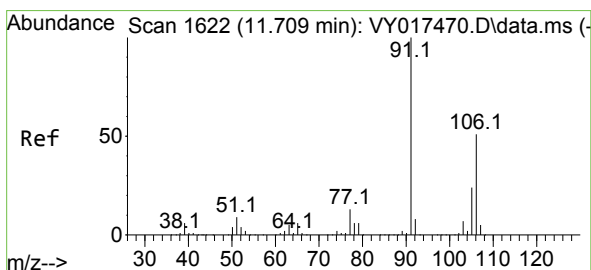
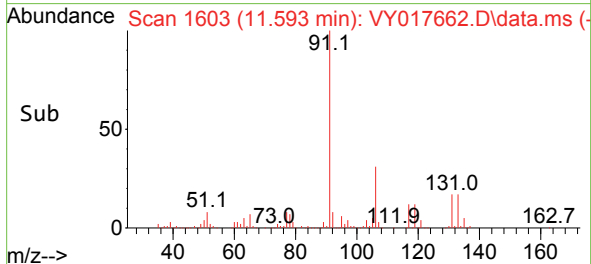
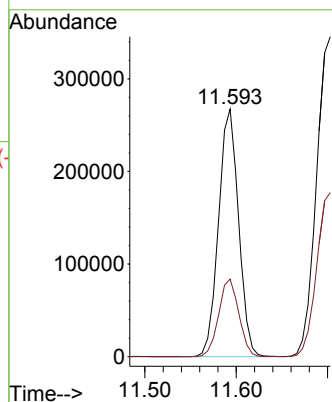
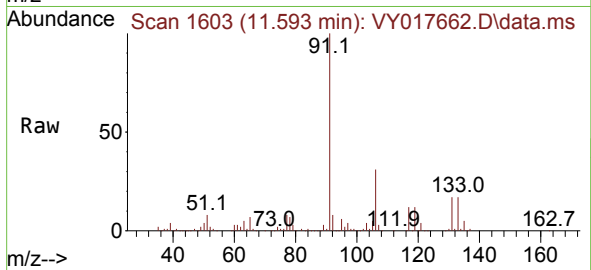
VSTDCCC050EC

Tgt Ion: 91 Resp: 407069

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 104.416 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017662.D

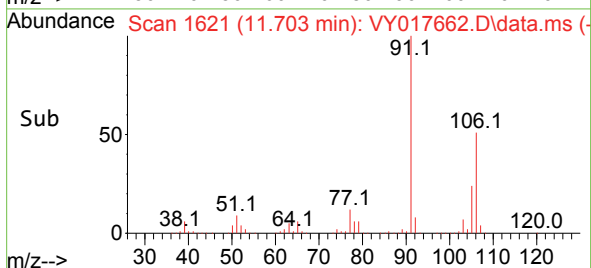
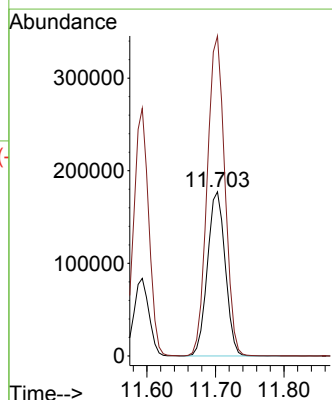
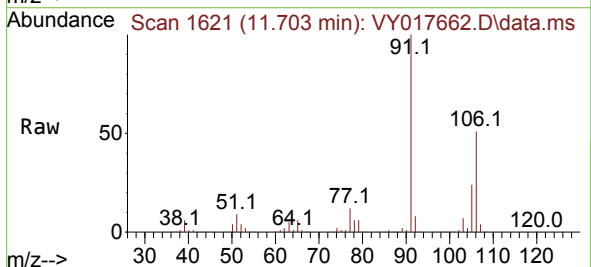
Acq: 14 Mar 2024 15:48

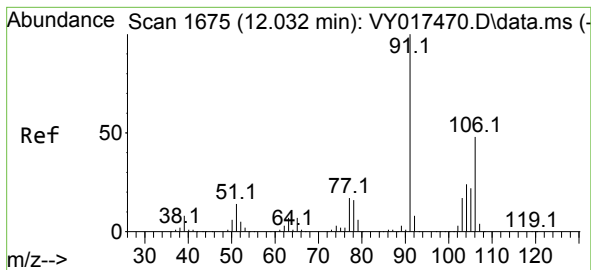
Tgt Ion:106 Resp: 319703

Ion Ratio Lower Upper

106 100

91 193.4 156.0 234.0





#69

o-Xylene

Concen: 52.026 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

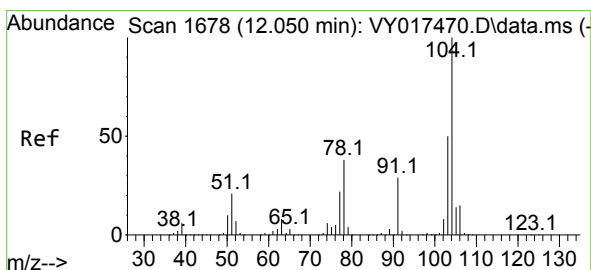
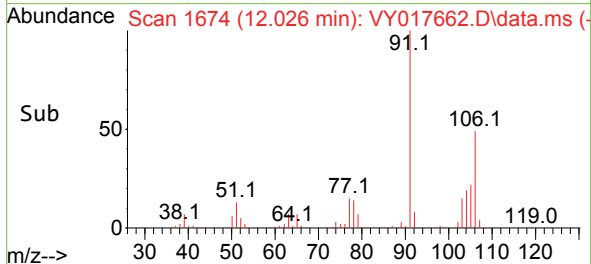
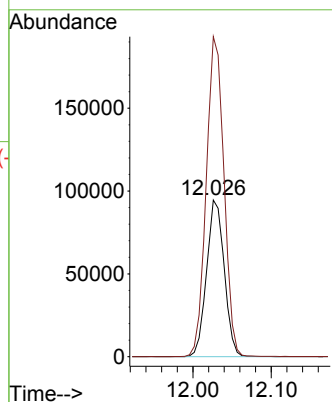
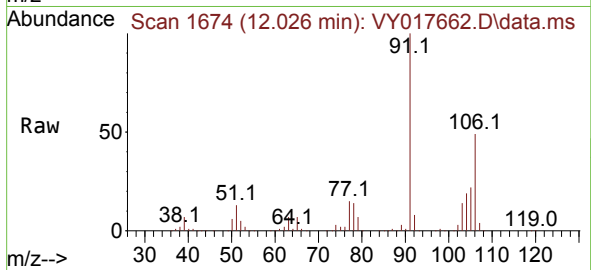
VSTDCCC050EC

Tgt Ion:106 Resp: 147784

Ion Ratio Lower Upper

106 100

91 205.2 103.6 310.8



#70

Styrene

Concen: 51.736 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

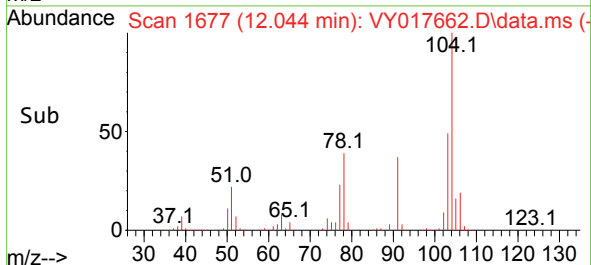
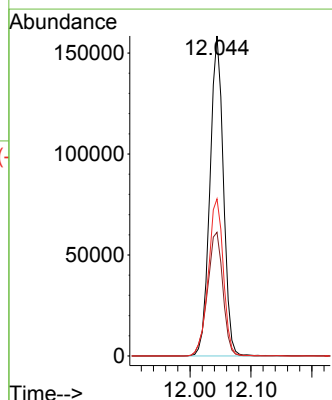
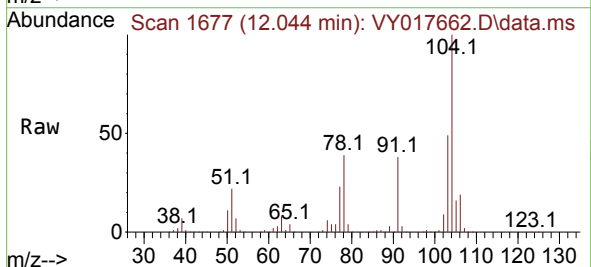
Tgt Ion:104 Resp: 243938

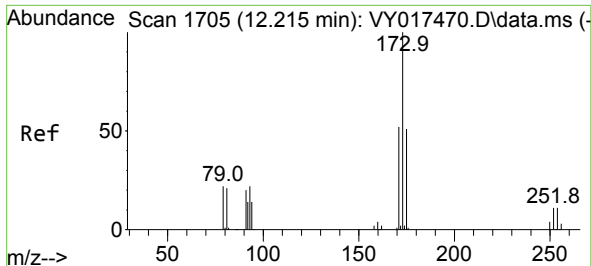
Ion Ratio Lower Upper

104 100

78 44.0 37.0 55.4

103 54.5 44.2 66.2

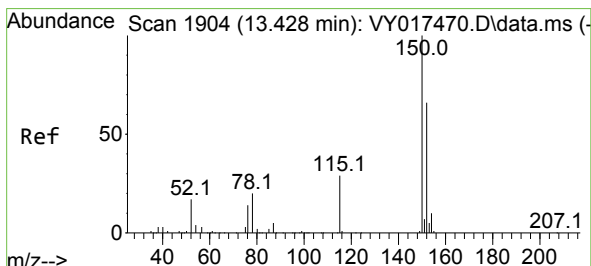
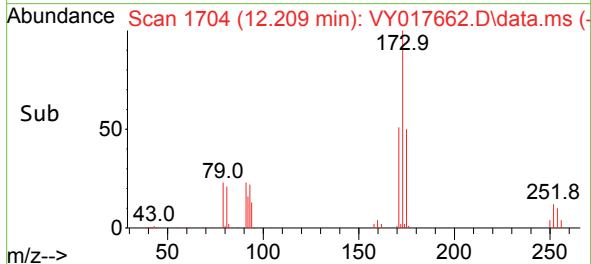
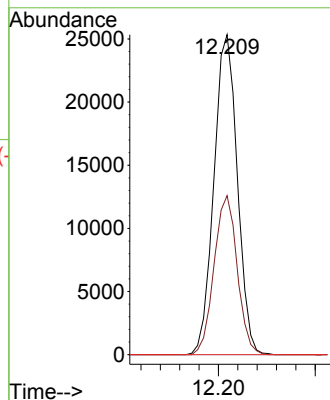
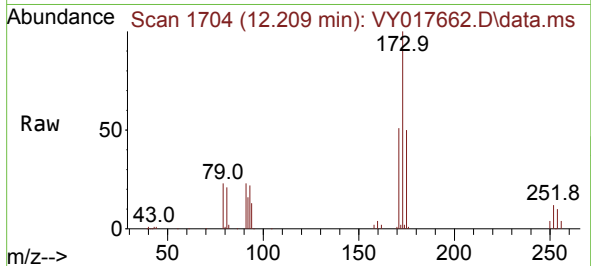




#71
Bromoform
Concen: 46.089 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

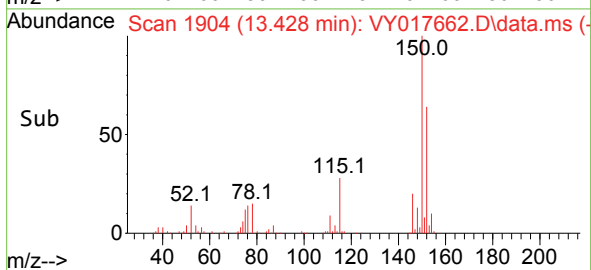
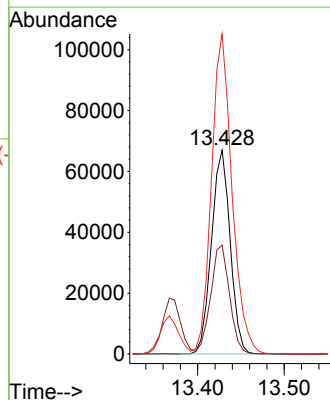
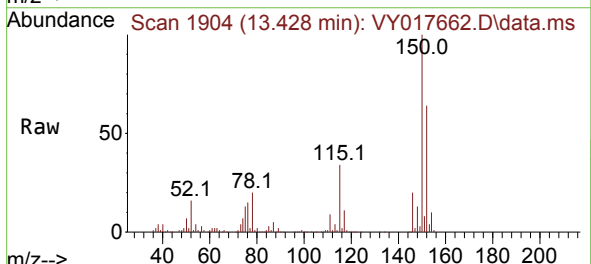
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

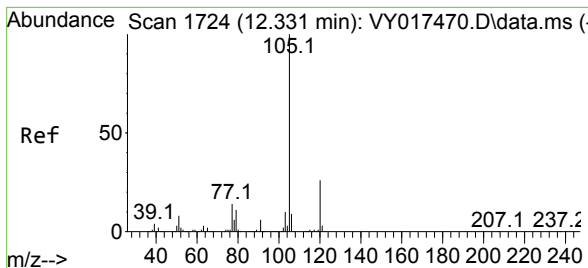
Tgt Ion:173 Resp: 42512
Ion Ratio Lower Upper
173 100
175 49.1 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion:152 Resp: 100668
Ion Ratio Lower Upper
152 100
115 53.6 28.2 84.7
150 172.0 0.0 345.6





#73

Isopropylbenzene

Concen: 53.040 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

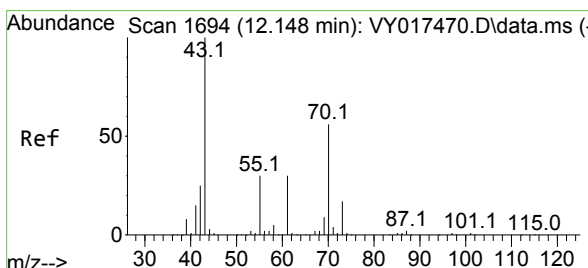
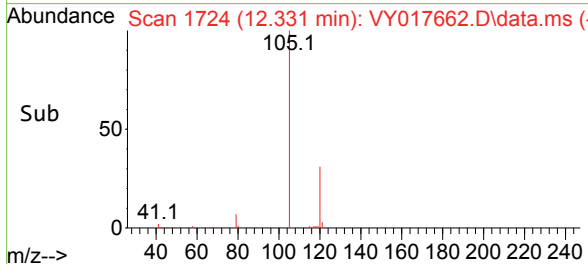
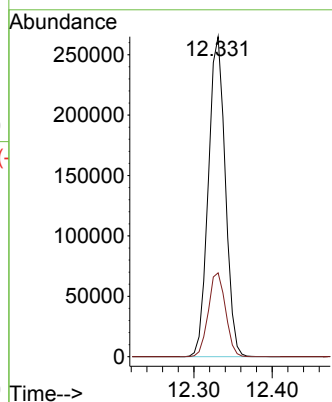
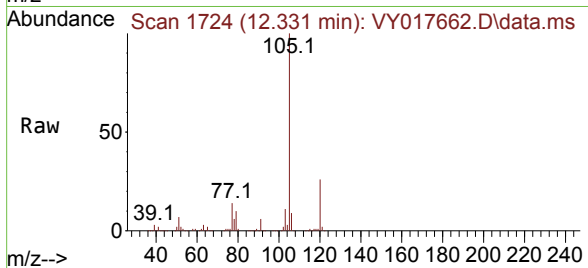
VSTDCCC050EC

Tgt Ion:105 Resp: 396681

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 41.729 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Tgt Ion: 43 Resp: 55044

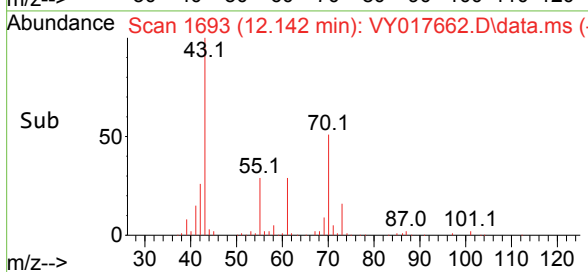
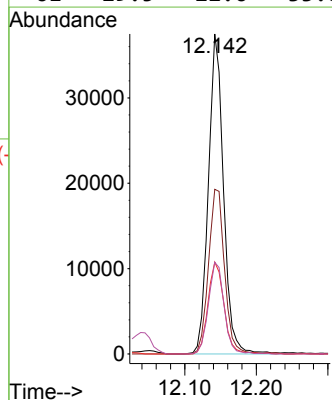
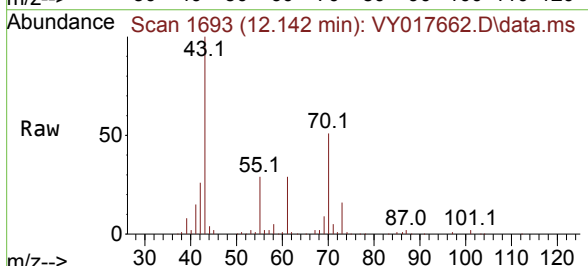
Ion Ratio Lower Upper

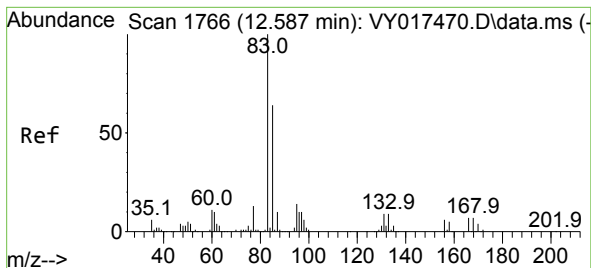
43 100

70 54.6 41.4 62.2

55 30.6 23.3 34.9

61 29.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.421 ug/l

RT: 12.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

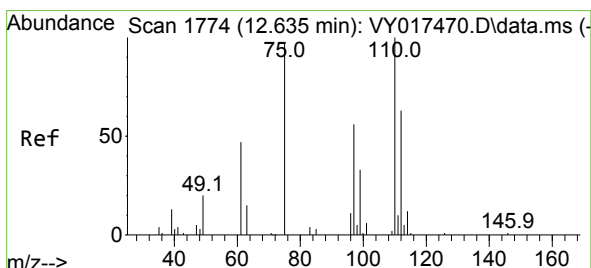
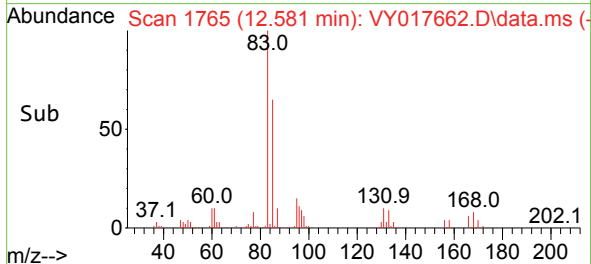
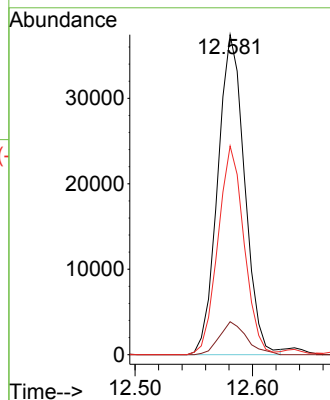
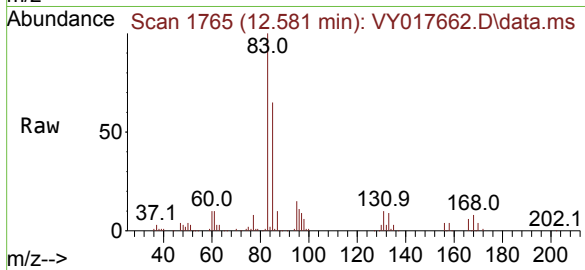
Tgt Ion: 83 Resp: 59618

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 63.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 76.950 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017662.D

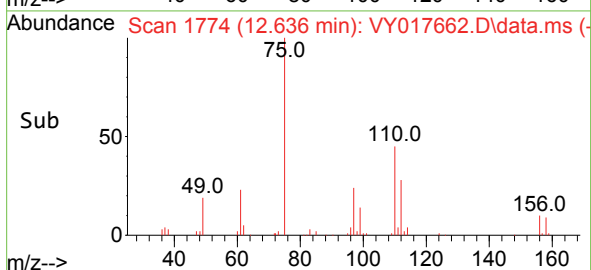
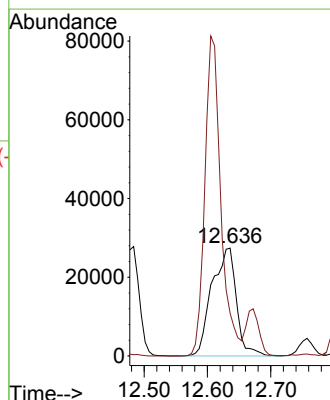
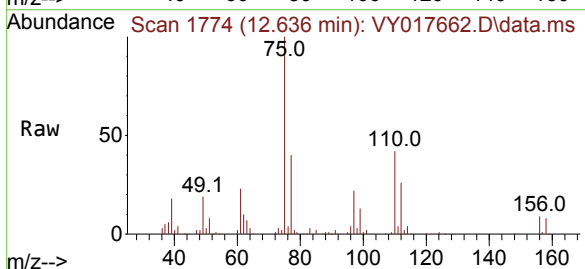
Acq: 14 Mar 2024 15:48

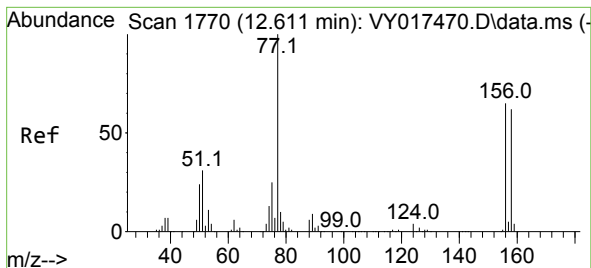
Tgt Ion: 75 Resp: 73603

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.880 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

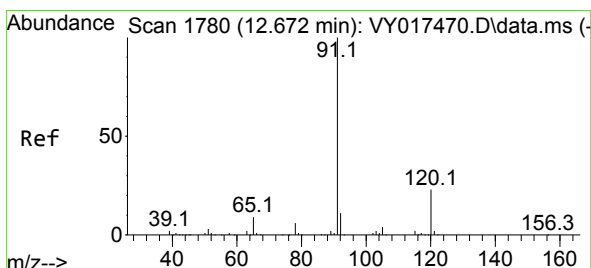
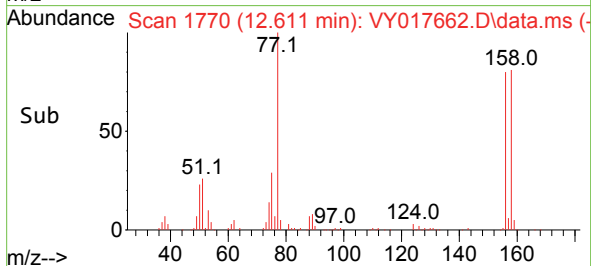
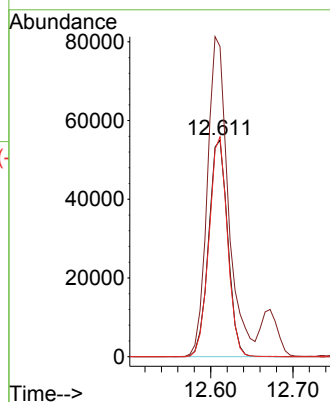
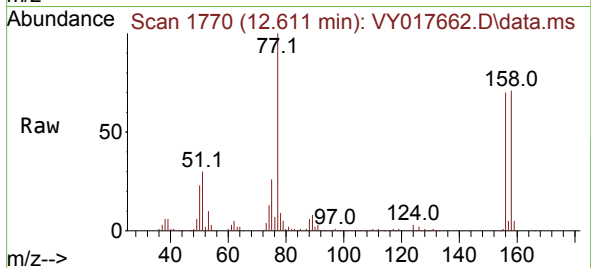
Tgt Ion:156 Resp: 88530

Ion Ratio Lower Upper

156 100

77 162.7 87.1 261.3

158 98.3 48.6 145.9



#78

n-propylbenzene

Concen: 52.962 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017662.D

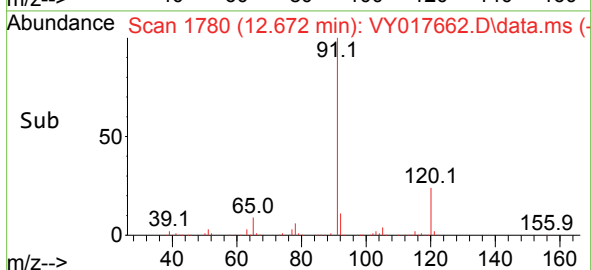
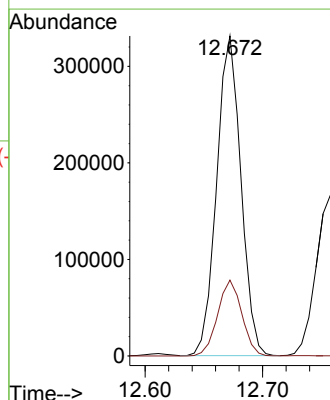
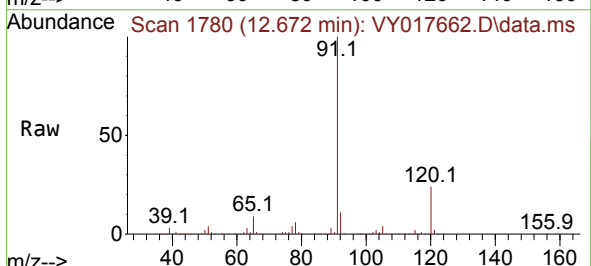
Acq: 14 Mar 2024 15:48

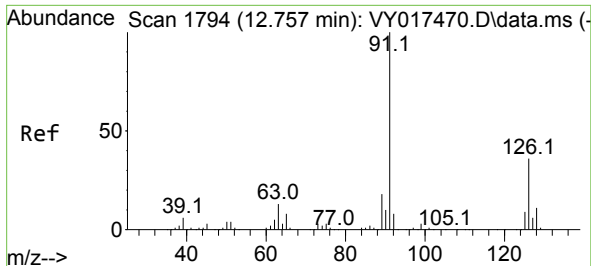
Tgt Ion: 91 Resp: 475282

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4

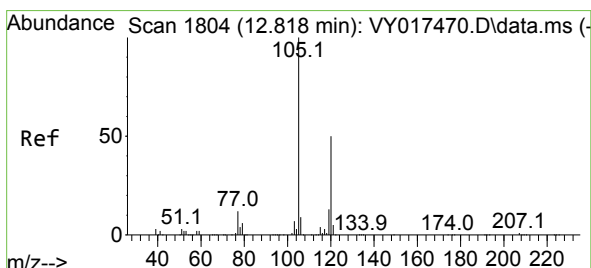
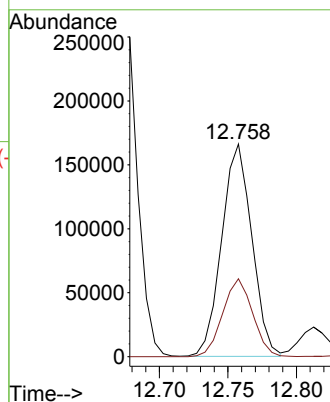
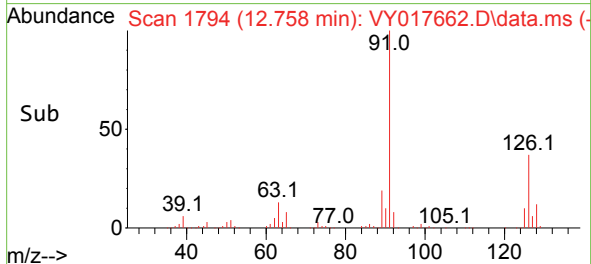
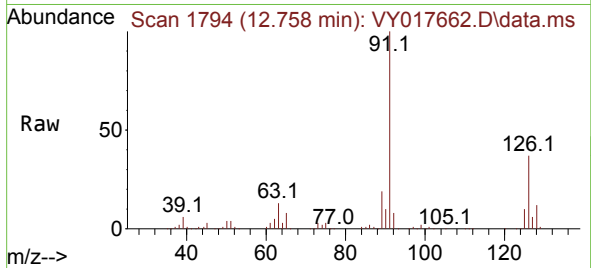




#79
2-Chlorotoluene
Concen: 50.659 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

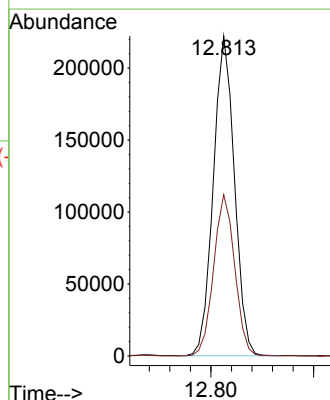
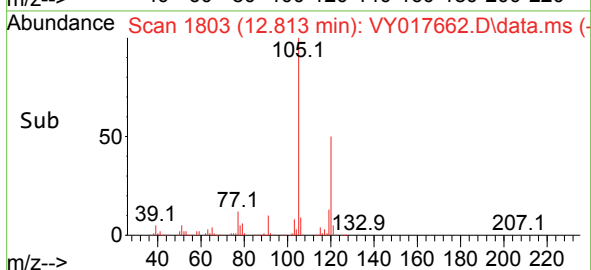
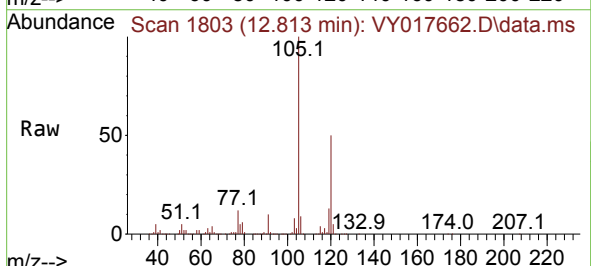
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

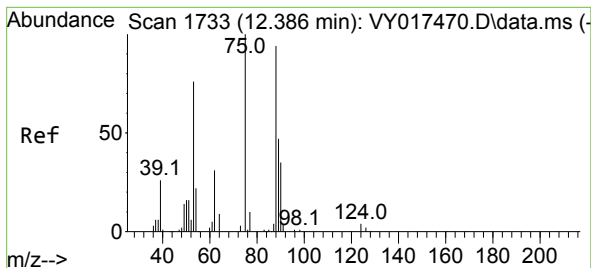
Tgt Ion: 91 Resp: 254528
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 52.868 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion:105 Resp: 316779
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.2

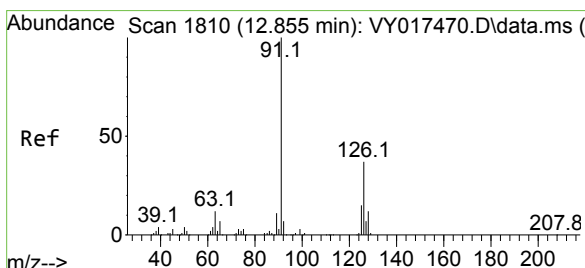
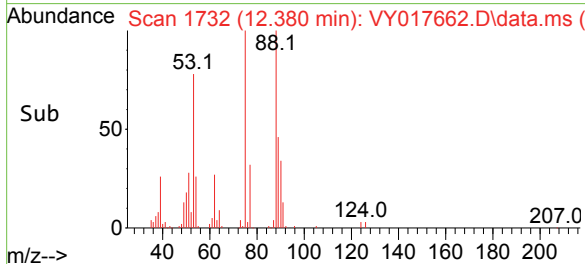
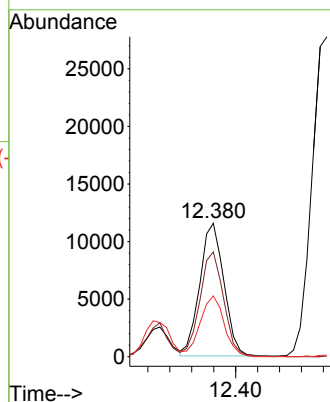
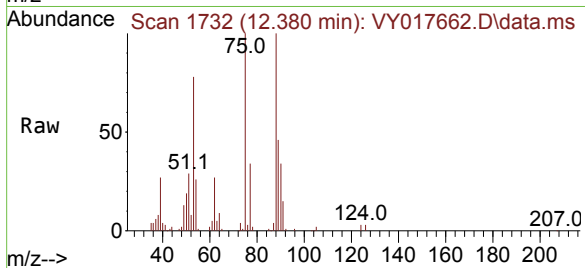




#81
trans-1,4-Dichloro-2-butene
Concen: 42.407 ug/l
RT: 12.380 min Scan# 1733
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

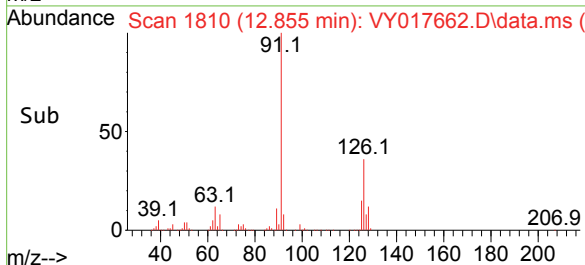
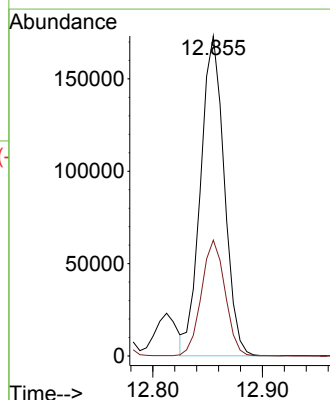
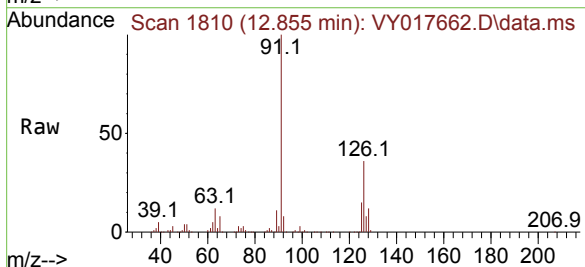
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

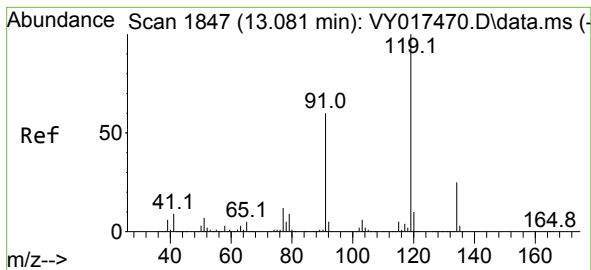
Tgt Ion	Ratio	Lower	Upper
75	100		
53	78.0	66.8	100.2
89	45.7	35.8	53.6



#82
4-Chlorotoluene
Concen: 50.512 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.6	52.9





#83

tert-Butylbenzene

Concen: 53.504 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

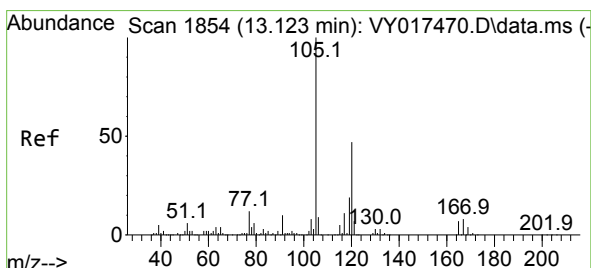
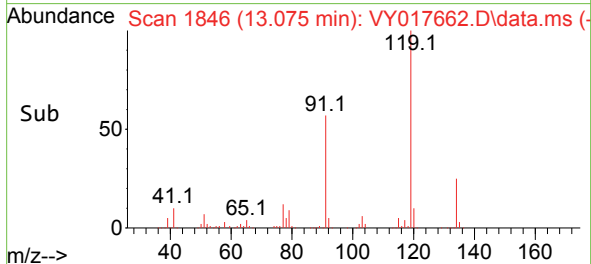
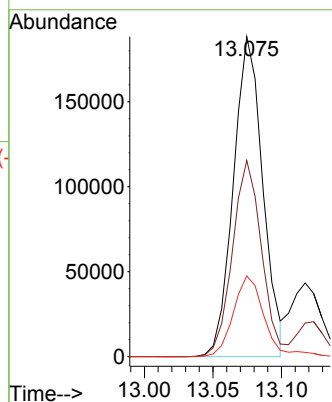
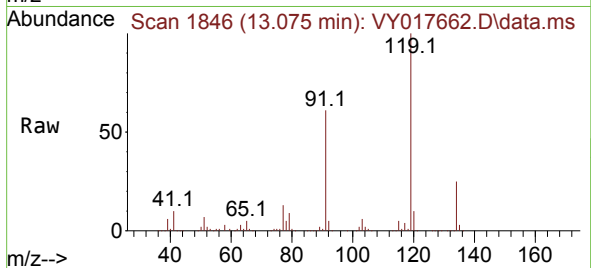
Tgt Ion:119 Resp: 281518

Ion Ratio Lower Upper

119 100

91 61.2 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 52.229 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017662.D

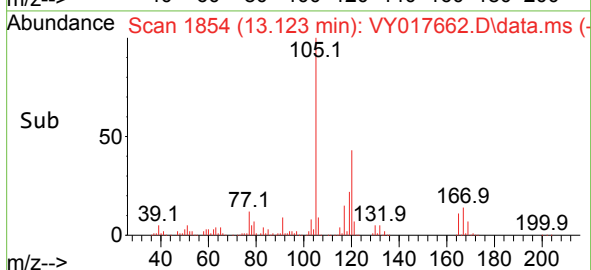
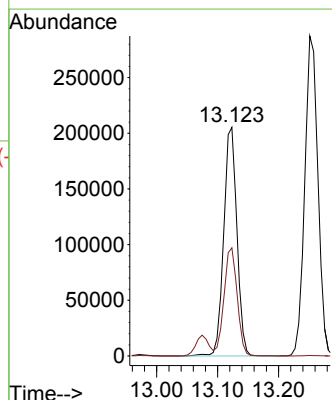
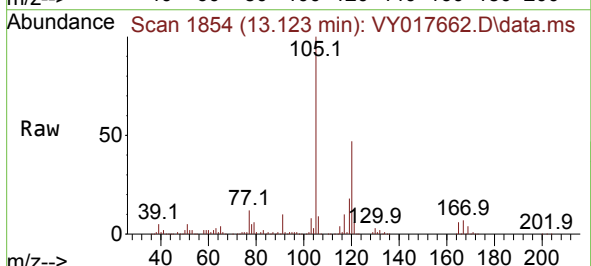
Acq: 14 Mar 2024 15:48

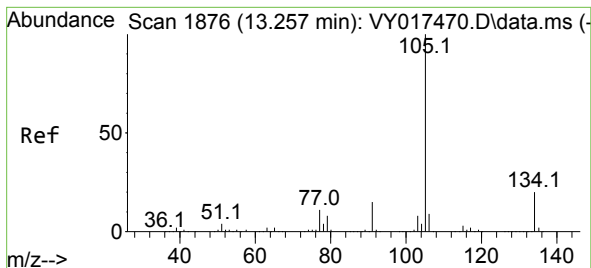
Tgt Ion:105 Resp: 308958

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.470 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

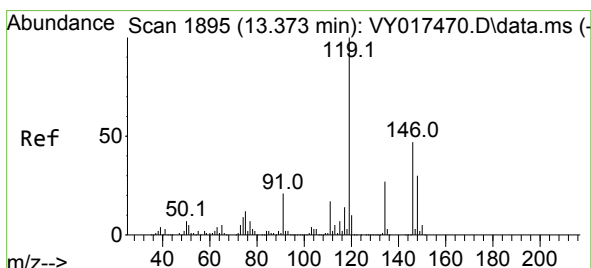
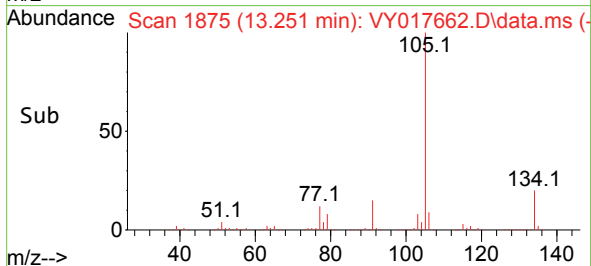
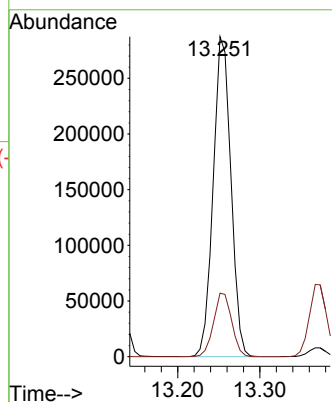
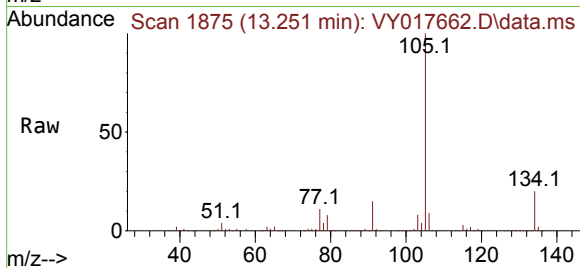
VSTDCCC050EC

Tgt Ion:105 Resp: 430136

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.812 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

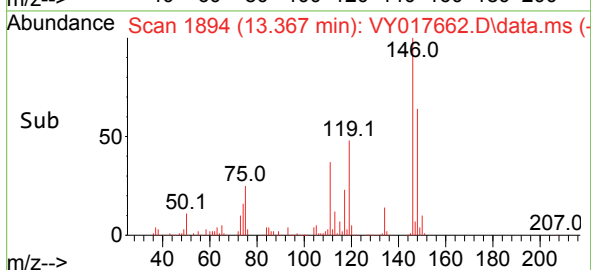
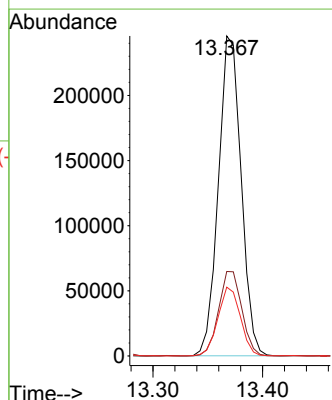
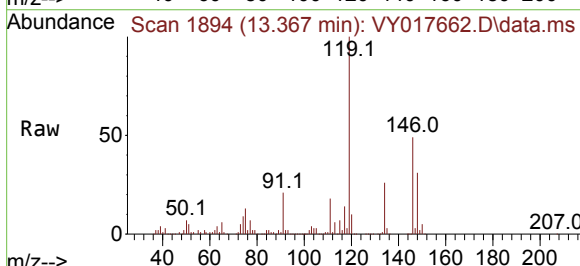
Tgt Ion:119 Resp: 354365

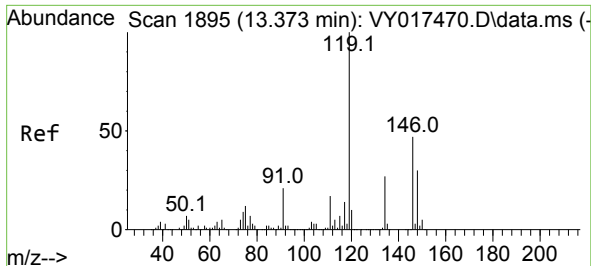
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 21.2 10.7 32.1

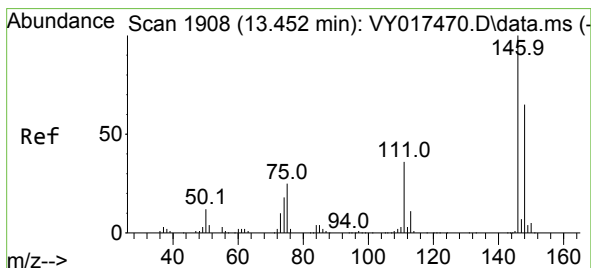
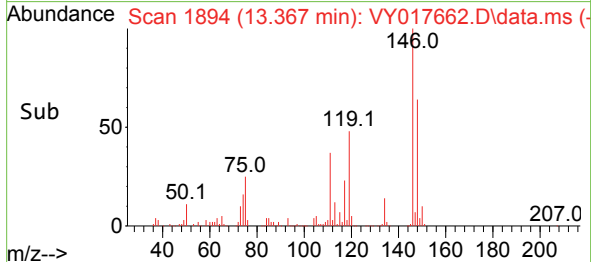
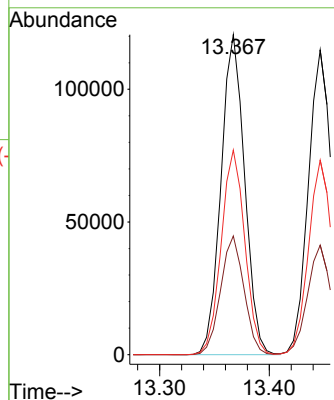
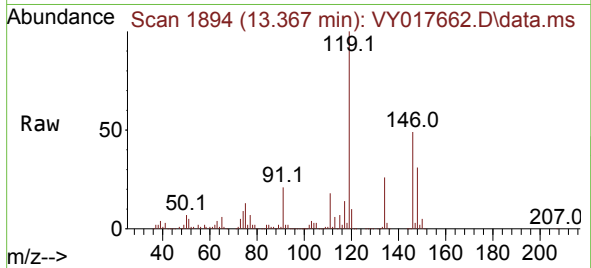




#87
1,3-Dichlorobenzene
Concen: 49.754 ug/l
RT: 13.367 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

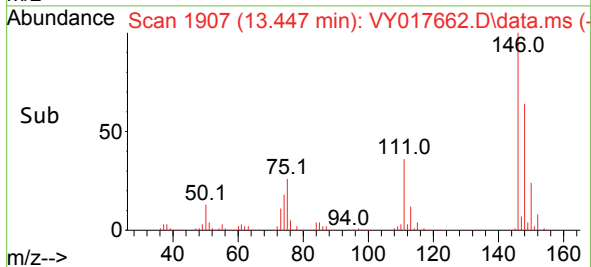
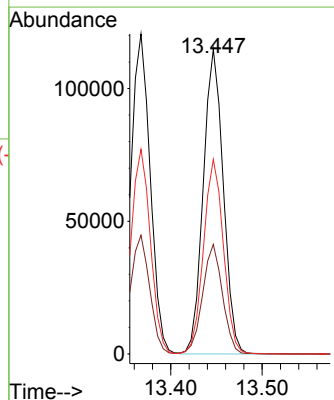
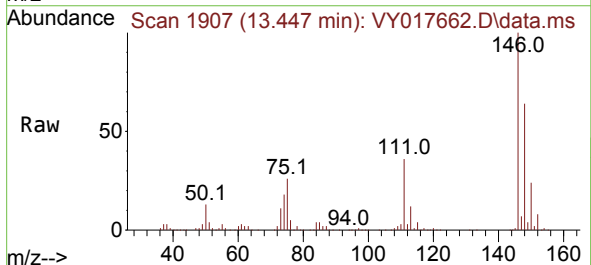
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

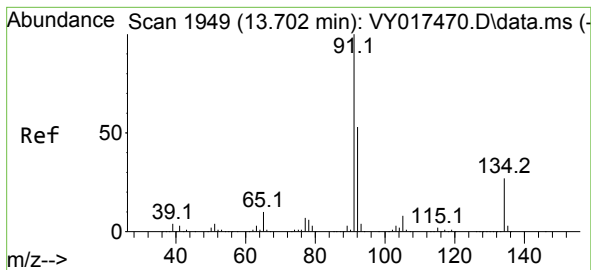
Tgt Ion:146 Resp: 180877
Ion Ratio Lower Upper
146 100
111 36.7 19.0 57.0
148 63.9 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 49.271 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion:146 Resp: 174141
Ion Ratio Lower Upper
146 100
111 35.9 18.4 55.4
148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 53.433 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

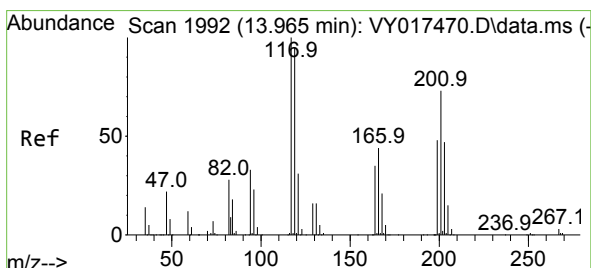
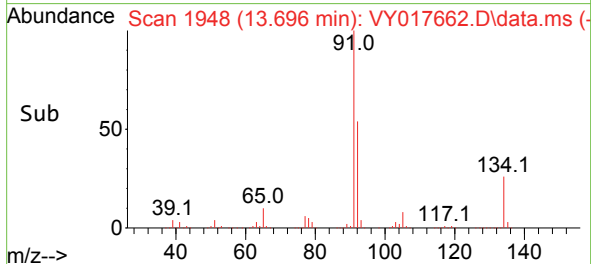
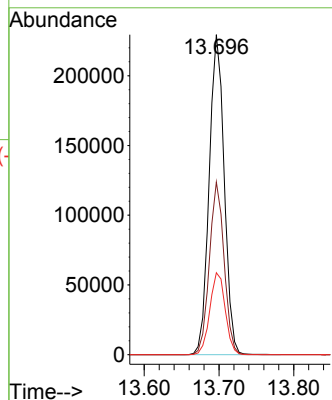
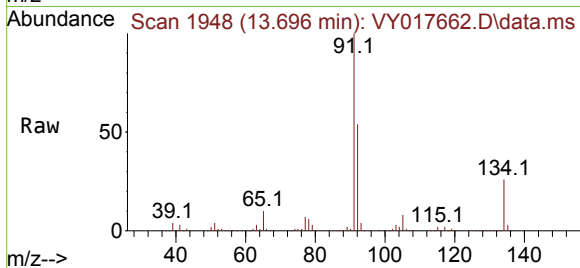
Tgt Ion: 91 Resp: 321031

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 26.3 12.9 38.7



#90

Hexachloroethane

Concen: 52.014 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017662.D

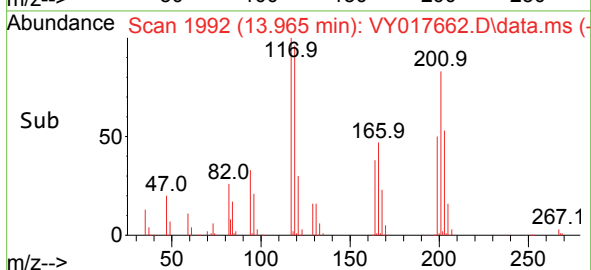
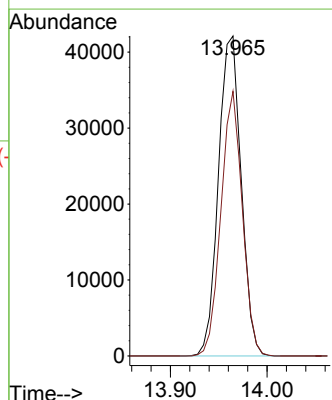
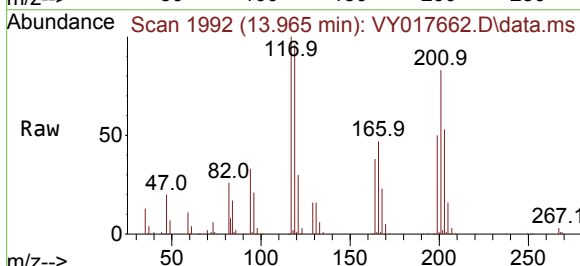
Acq: 14 Mar 2024 15:48

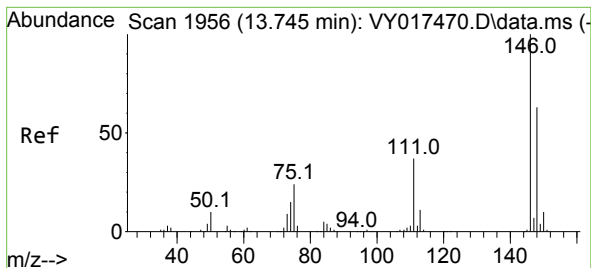
Tgt Ion: 117 Resp: 68669

Ion Ratio Lower Upper

117 100

201 77.8 37.4 112.2

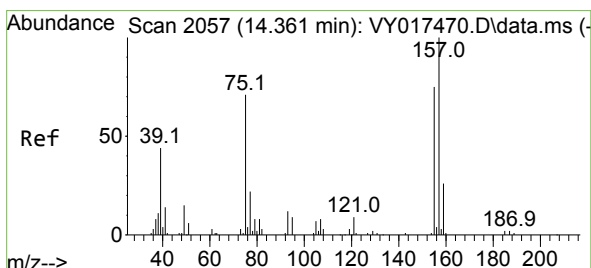
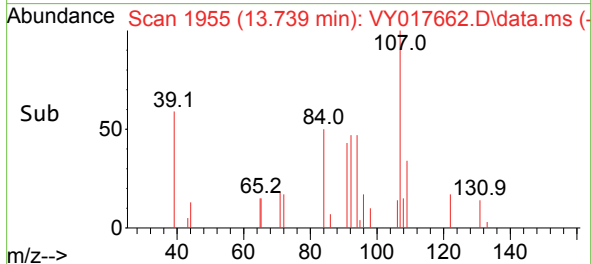
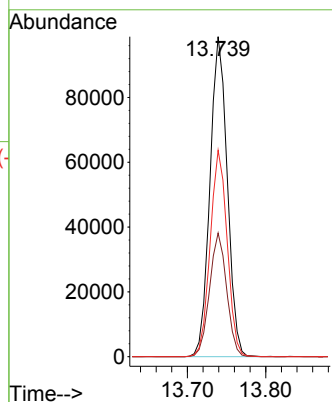
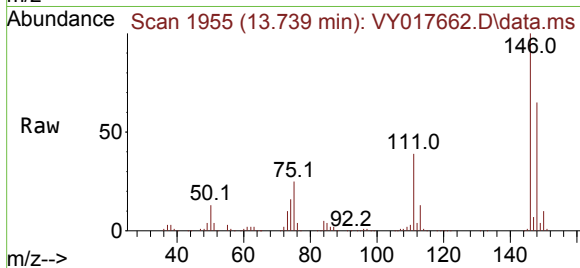




#91
1,2-Dichlorobenzene
Concen: 49.152 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

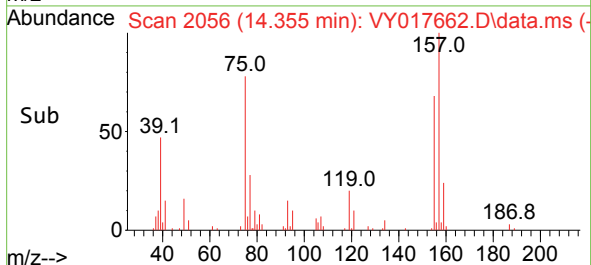
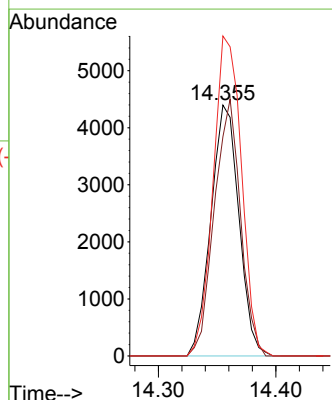
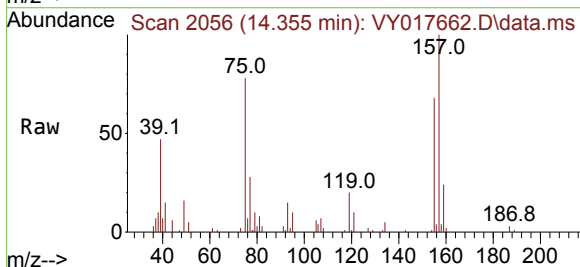
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

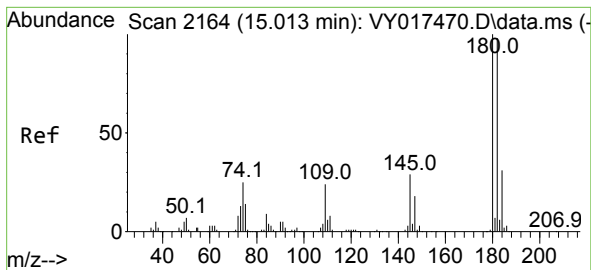
Tgt Ion:146 Resp: 151146
Ion Ratio Lower Upper
146 100
111 38.2 19.9 59.7
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.371 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY017662.D
Acq: 14 Mar 2024 15:48

Tgt Ion: 75 Resp: 7289
Ion Ratio Lower Upper
75 100
155 95.6 48.6 145.8
157 128.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.869 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

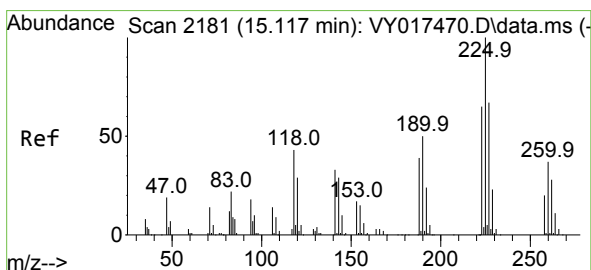
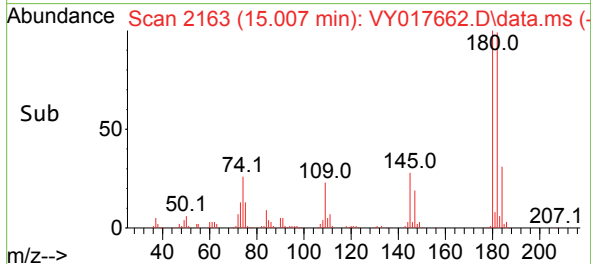
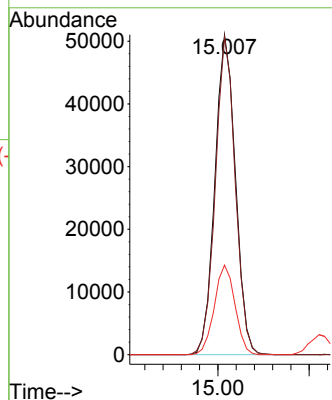
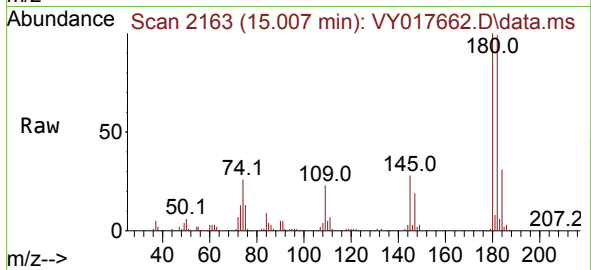
Tgt Ion:180 Resp: 79376

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.8

145 28.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.067 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

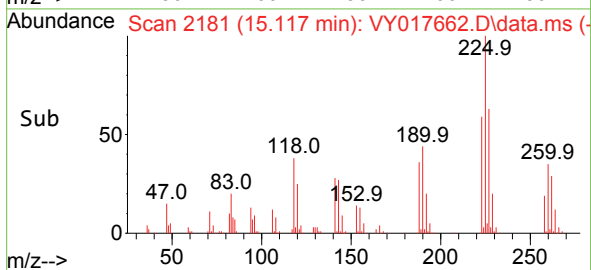
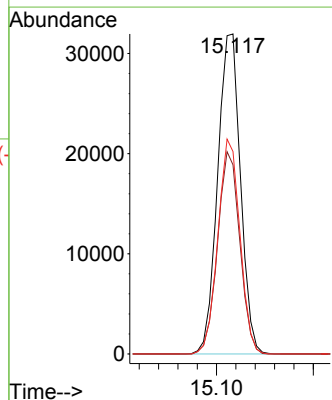
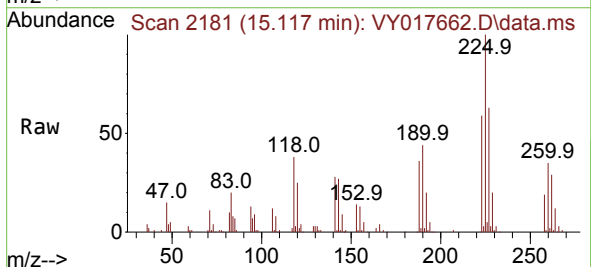
Tgt Ion:225 Resp: 52214

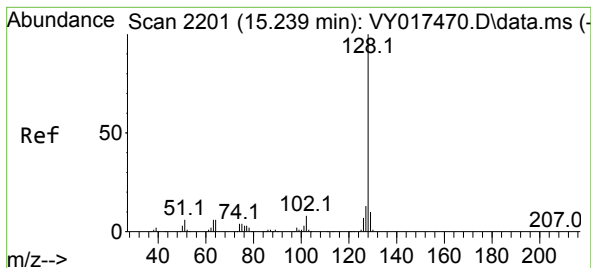
Ion Ratio Lower Upper

225 100

223 61.5 30.4 91.2

227 64.9 31.9 95.9





#95

Naphthalene

Concen: 39.416 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

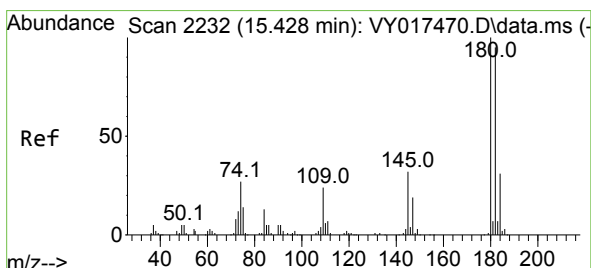
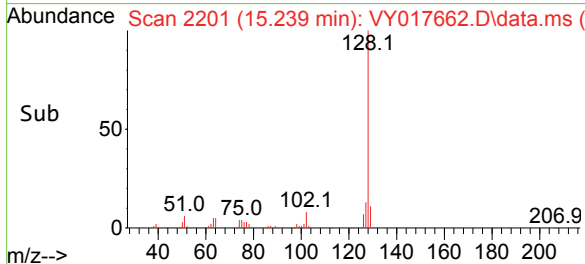
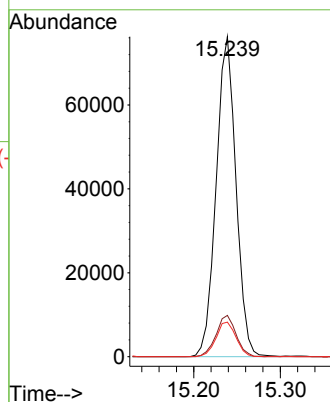
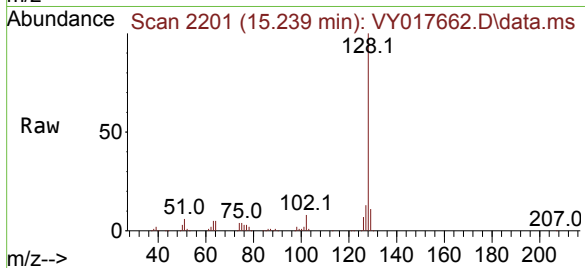
Tgt Ion:128 Resp: 121222

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.889 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017662.D

Acq: 14 Mar 2024 15:48

Tgt Ion:180 Resp: 65335

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 29.9 15.4 46.1

