

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017917.D
 Acq On : 11 Apr 2024 17:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 12 05:03:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	142420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	224197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97776	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71704	58.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.360%	
35) Dibromofluoromethane	7.716	113	74099	57.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.400%	
50) Toluene-d8	10.185	98	270369	55.870	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.740%	
62) 4-Bromofluorobenzene	12.483	95	82860	56.277	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	62642	65.769	ug/l	97
3) Chloromethane	2.113	50	129952	69.906	ug/l	95
4) Vinyl Chloride	2.247	62	206977	85.196	ug/l	100
5) Bromomethane	2.644	94	185385	94.376	ug/l	99
6) Chloroethane	2.790	64	183929	116.038	ug/l	98
7) Trichlorofluoromethane	3.119	101	168235	71.010	ug/l	95
8) Diethyl Ether	3.528	74	46332	66.576	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	93434	65.761	ug/l	98
10) Methyl Iodide	4.088	142	100717	65.185	ug/l	97
11) Tert butyl alcohol	4.948	59	32571	354.429	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	85278	64.141	ug/l	98
13) Acrolein	3.723	56	14451	167.368	ug/l	94
14) Allyl chloride	4.479	41	95871	58.776	ug/l	87
15) Acrylonitrile	5.161	53	99058	337.203	ug/l	98
16) Acetone	3.942	43	77647	304.798	ug/l	94
17) Carbon Disulfide	4.192	76	214560	57.025	ug/l	99
18) Methyl Acetate	4.479	43	37253	66.021	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	221345	72.710	ug/l	100
20) Methylene Chloride	4.710	84	99120	64.252	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	94332	66.303	ug/l	98
22) Diisopropyl ether	6.119	45	252303	66.923	ug/l	95
23) Vinyl Acetate	6.058	43	798538	346.918	ug/l	99
24) 1,1-Dichloroethane	6.015	63	169202	67.620	ug/l	97
25) 2-Butanone	6.984	43	121117	333.740	ug/l	100
26) 2,2-Dichloropropane	6.978	77	145395	67.274	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	117638	69.963	ug/l	98
28) Bromochloromethane	7.338	49	54869	53.922	ug/l	97
29) Tetrahydrofuran	7.350	42	75079	344.785	ug/l	97
30) Chloroform	7.509	83	184492	71.062	ug/l	98
31) Cyclohexane	7.783	56	123737	56.993	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	155067	70.176	ug/l	96
36) 1,1-Dichloropropene	7.917	75	126675	67.015	ug/l	97
37) Ethyl Acetate	7.076	43	55981	68.627	ug/l	99
38) Carbon Tetrachloride	7.905	117	138806	70.736	ug/l	100
39) Methylcyclohexane	9.185	83	152224	64.471	ug/l	99
40) Benzene	8.161	78	393274	67.511	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	72610	121.905	ug/l #	27
42) 1,2-Dichloroethane	8.240	62	101676	70.913	ug/l	98
43) Isopropyl Acetate	8.277	43	104894	70.857	ug/l	96
44) Trichloroethene	8.941	130	103615	68.366	ug/l	99
45) 1,2-Dichloropropane	9.216	63	92124	68.057	ug/l	98
46) Dibromomethane	9.307	93	55142	71.702	ug/l	98
47) Bromodichloromethane	9.502	83	141897	73.022	ug/l	97
48) Methyl methacrylate	9.295	41	44221	66.684	ug/l #	88
49) 1,4-Dioxane	9.301	88	13453	1558.257	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	293447	370.421	ug/l	99
52) Toluene	10.246	92	248718	70.389	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	124603	72.218	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	146527	69.583	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	73182	71.416	ug/l	98
56) Ethyl methacrylate	10.514	69	97276	71.705	ug/l #	94
57) 1,3-Dichloropropane	10.795	76	123728	71.389	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	191309	291.484	ug/l	99
59) 2-Hexanone	10.837	43	200322	357.581	ug/l	98
60) Dibromochloromethane	10.990	129	96355	74.552	ug/l	99
61) 1,2-Dibromoethane	11.093	107	66647	71.326	ug/l	99
64) Tetrachloroethene	10.721	164	120449	68.527	ug/l	98
65) Chlorobenzene	11.520	112	275741	66.703	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	98649	70.281	ug/l	99
67) Ethyl Benzene	11.593	91	495370	69.708	ug/l	98
68) m/p-Xylenes	11.703	106	377095	139.921	ug/l	99
69) o-Xylene	12.032	106	176516	72.671	ug/l	99
70) Styrene	12.044	104	307624	73.326	ug/l	99
71) Bromoform	12.209	173	54946	70.620	ug/l #	97
73) Isopropylbenzene	12.331	105	461992	67.423	ug/l	100
74) N-amyl acetate	12.148	43	93850	67.932	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	78223	65.994	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	105872	118.825	ug/l #	100
77) Bromobenzene	12.611	156	106301	65.138	ug/l	99
78) n-propylbenzene	12.672	91	551339	65.942	ug/l	99
79) 2-Chlorotoluene	12.758	91	295948	64.621	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	356345	66.637	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	26825	66.489	ug/l	96
82) 4-Chlorotoluene	12.855	91	296446	62.513	ug/l	97
83) tert-Butylbenzene	13.075	119	331184	68.119	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	365172	68.565	ug/l	99
85) sec-Butylbenzene	13.257	105	497262	68.144	ug/l	100
86) p-Isopropyltoluene	13.373	119	418469	68.607	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	218029	67.330	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	202365	65.290	ug/l	99
89) n-Butylbenzene	13.696	91	381032	67.899	ug/l	97
90) Hexachloroethane	13.959	117	80538	66.403	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	180560	67.268	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10099	63.051	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	97050	66.011	ug/l	100
94) Hexachlorobutadiene	15.111	225	55266	62.009	ug/l	98
95) Naphthalene	15.239	128	174702	67.896	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	83526	67.257	ug/l	98

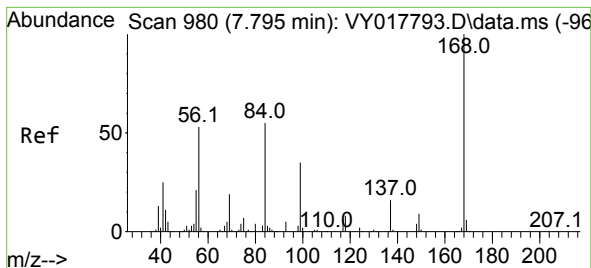
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY017917.D

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Instrument :

MSVOA_Y

ClientSampleId :

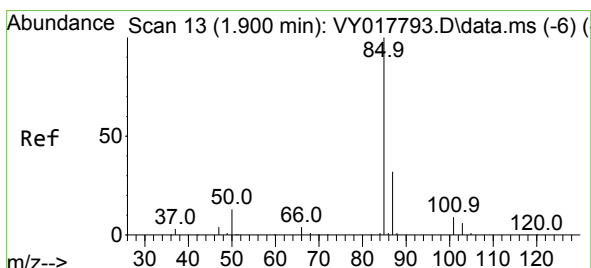
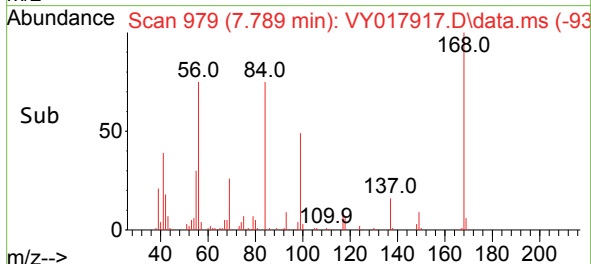
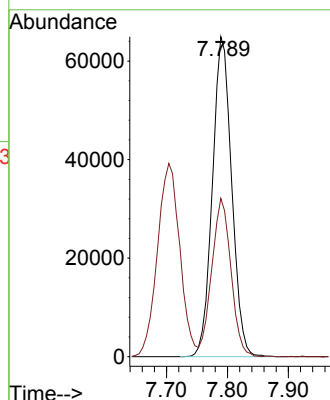
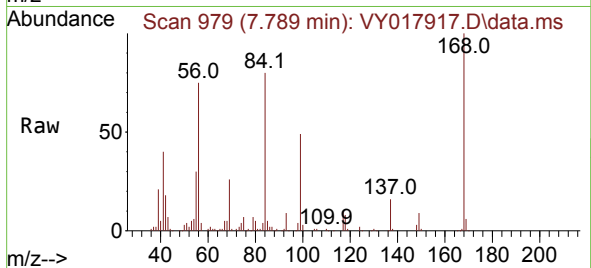
VSTDCCC050EC

Tgt Ion:168 Resp: 142420

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 65.769 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY017917.D

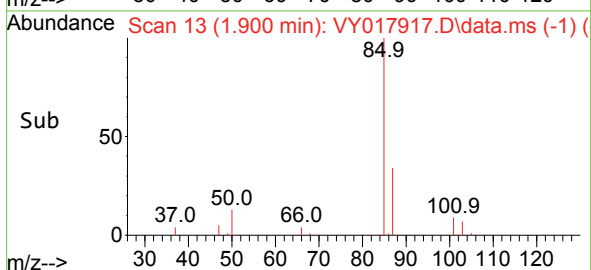
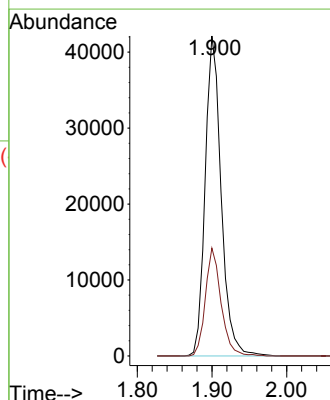
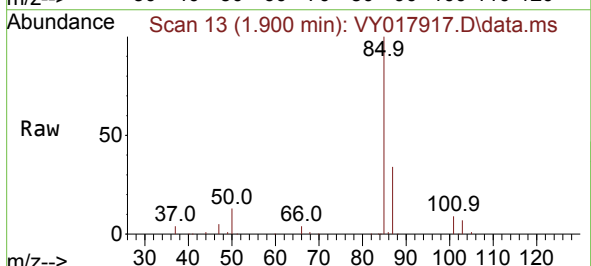
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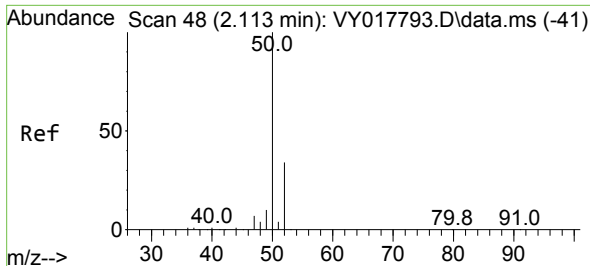
Tgt Ion: 85 Resp: 62642

Ion Ratio Lower Upper

85 100

87 33.7 16.0 48.0

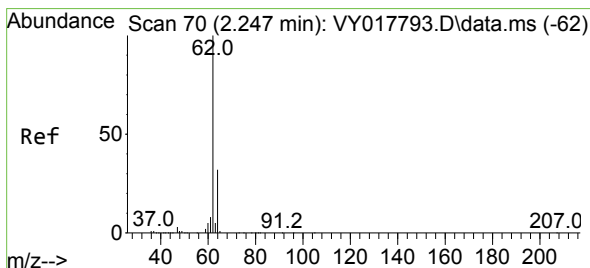
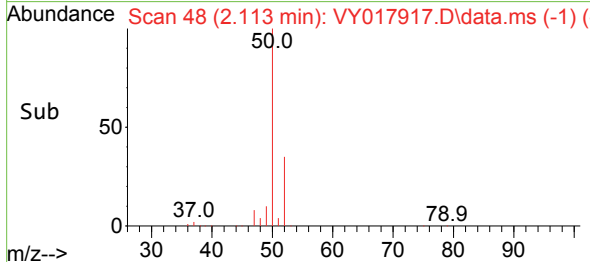
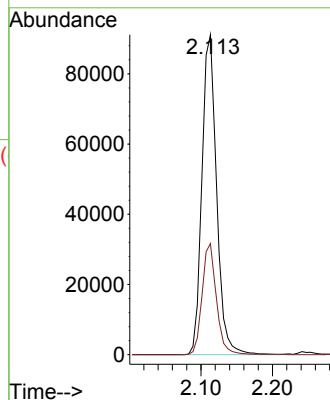
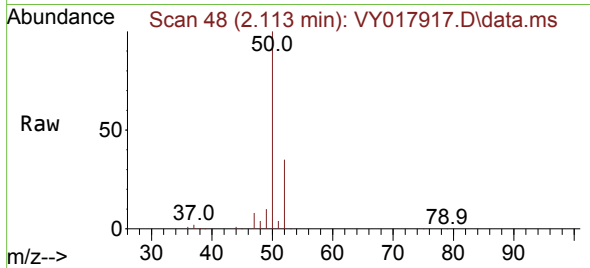




#3
Chloromethane
Concen: 69.906 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017917.D
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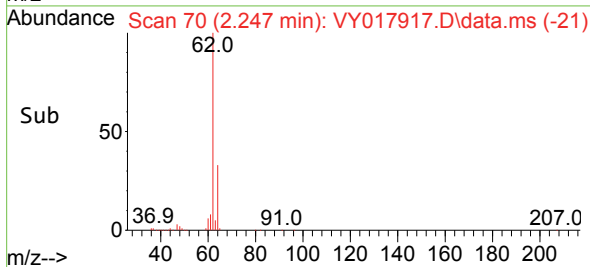
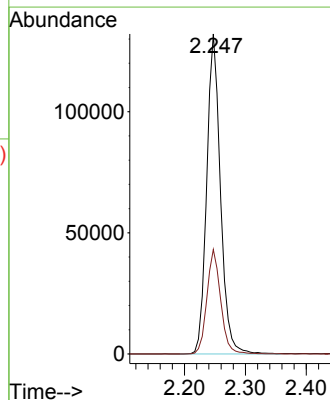
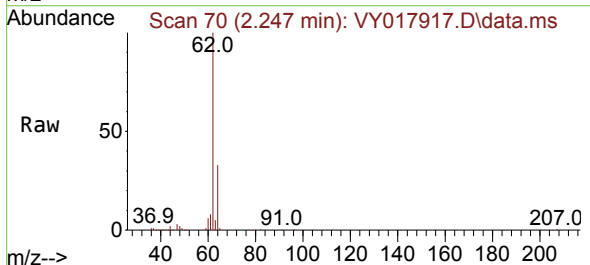
Instrument :
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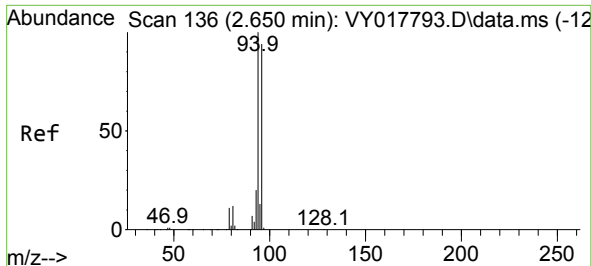
Tgt Ion: 50 Resp: 129952
Ion Ratio Lower Upper
50 100
52 34.7 25.6 38.4



#4
Vinyl Chloride
Concen: 85.196 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 62 Resp: 206977
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1

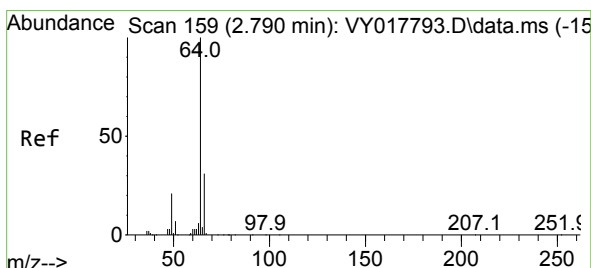
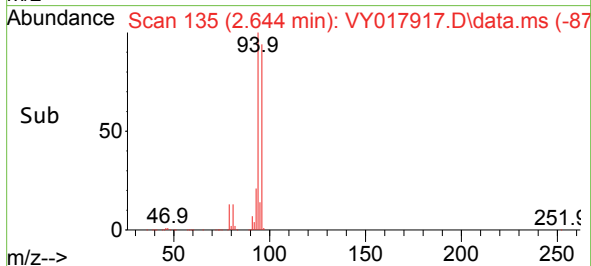
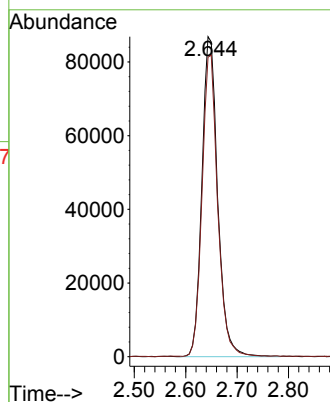
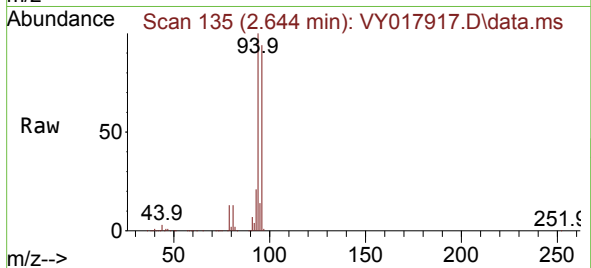




#5
Bromomethane
Concen: 94.376 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

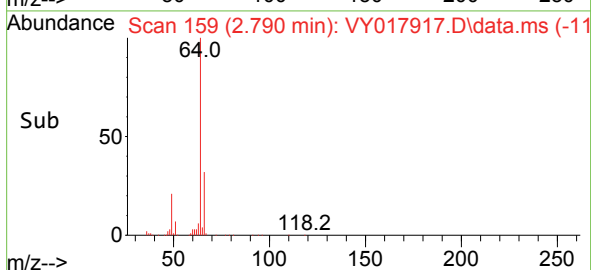
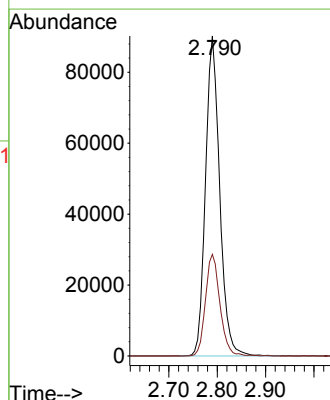
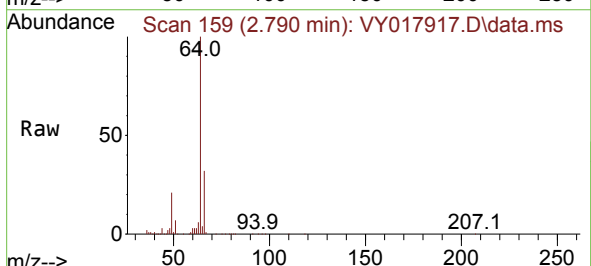
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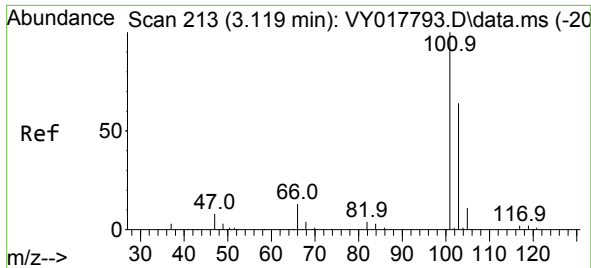
Tgt Ion: 94 Resp: 185385
Ion Ratio Lower Upper
94 100
96 93.5 74.1 111.1



#6
Chloroethane
Concen: 116.038 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 64 Resp: 183929
Ion Ratio Lower Upper
64 100
66 31.7 26.1 39.1

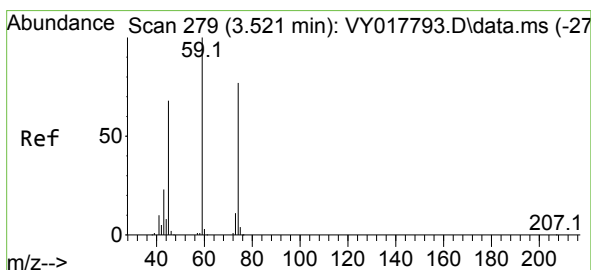
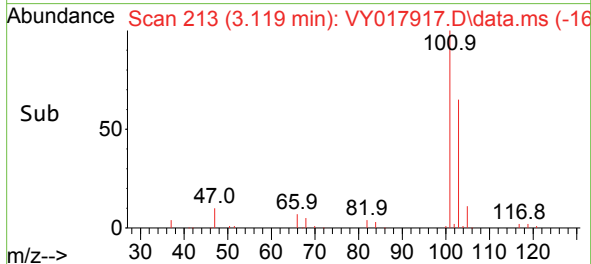
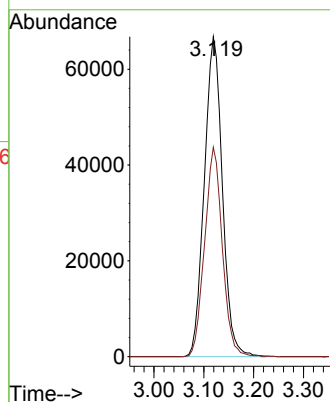
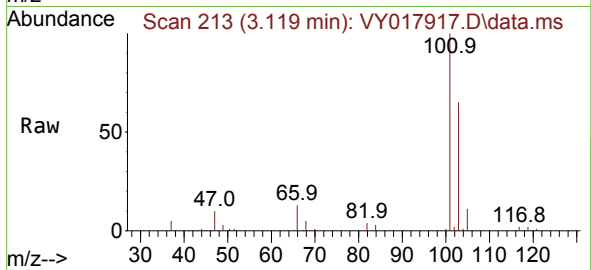




#7
 Trichlorofluoromethane
 Concen: 71.010 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017917.D
 Acq: 11 Apr 2024 17:35

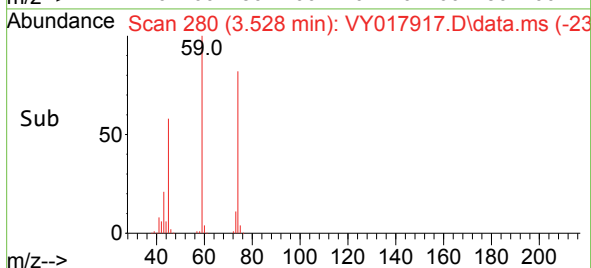
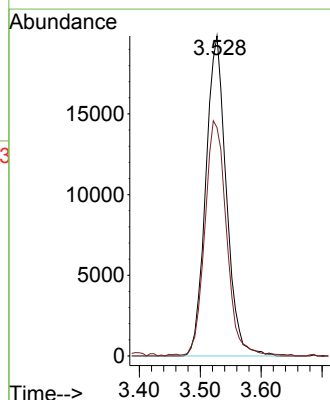
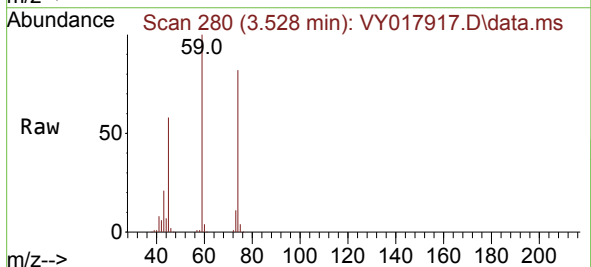
Instrument :
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 VSTDCCC050EC

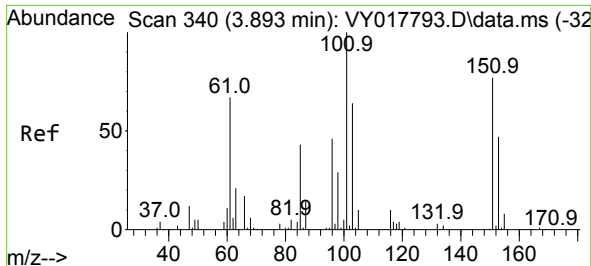
Tgt Ion:101 Resp: 168235
 Ion Ratio Lower Upper
 101 100
 103 65.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 66.576 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY017917.D
 Acq: 11 Apr 2024 17:35

Tgt Ion: 74 Resp: 46332
 Ion Ratio Lower Upper
 74 100
 45 78.3 41.3 124.1

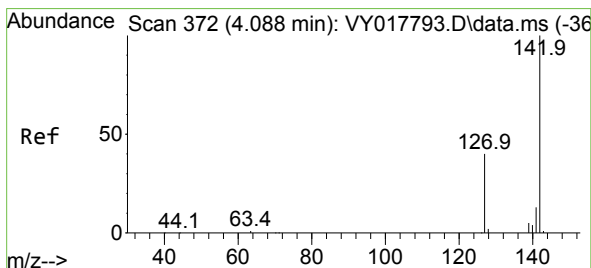
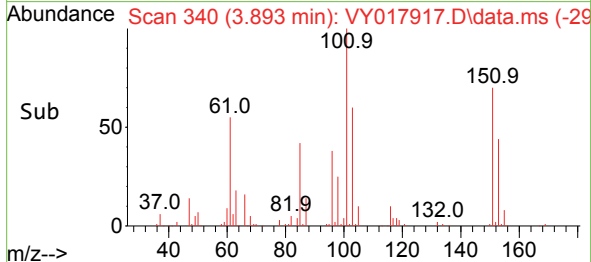
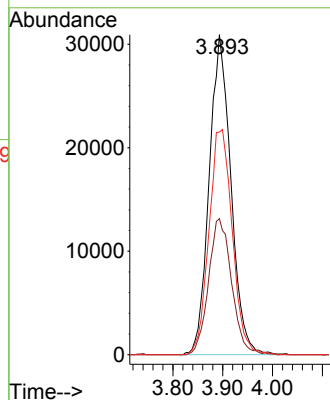
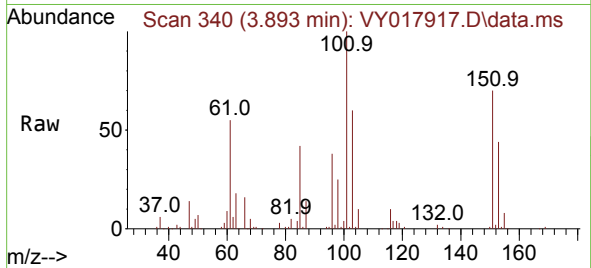




#9
1,1,2-Trichlorotrifluoroethane
Concen: 65.761 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

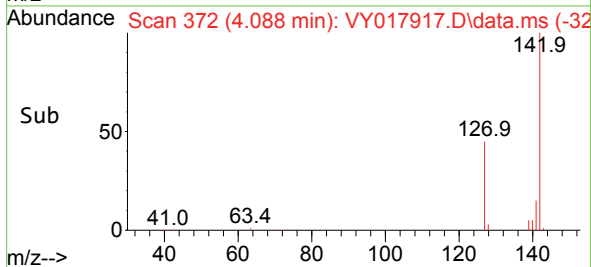
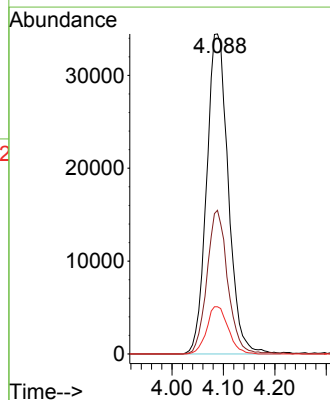
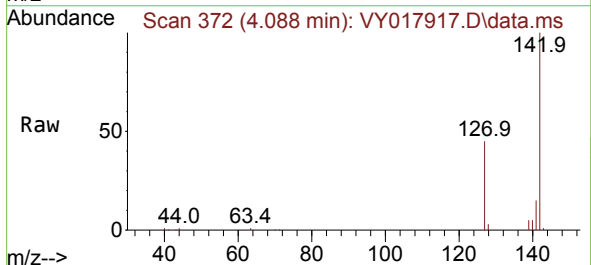
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

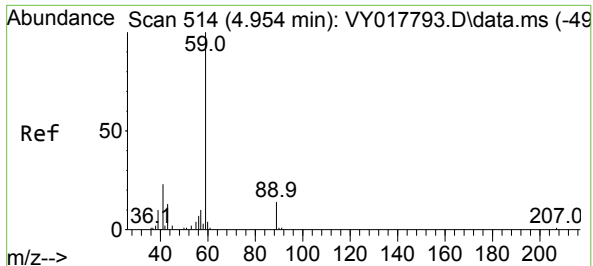
Tgt Ion:101 Resp: 93434
Ion Ratio Lower Upper
101 100
85 45.1 34.5 51.7
151 75.8 61.7 92.5



#10
Methyl Iodide
Concen: 65.185 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion:142 Resp: 100717
Ion Ratio Lower Upper
142 100
127 42.9 32.8 49.2
141 14.7 11.4 17.2

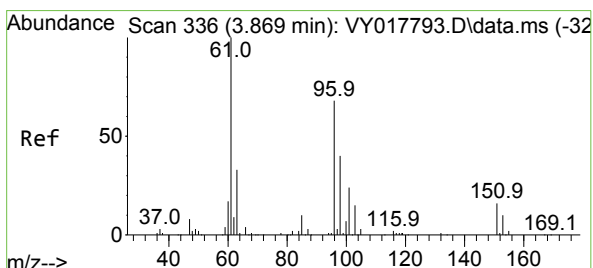
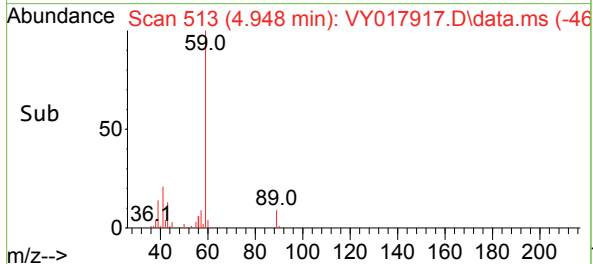
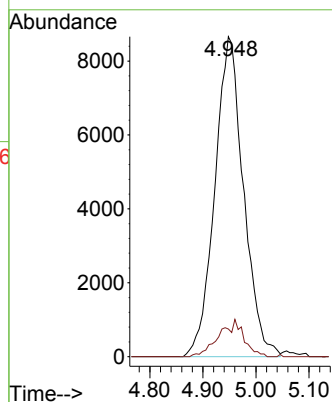
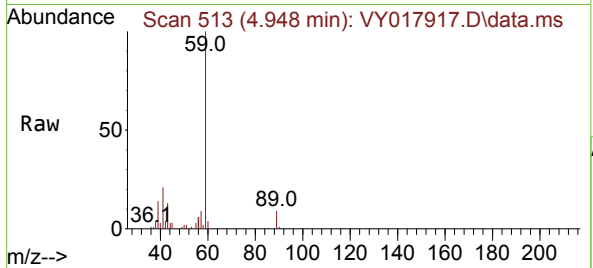




#11
Tert butyl alcohol
Concen: 354.429 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

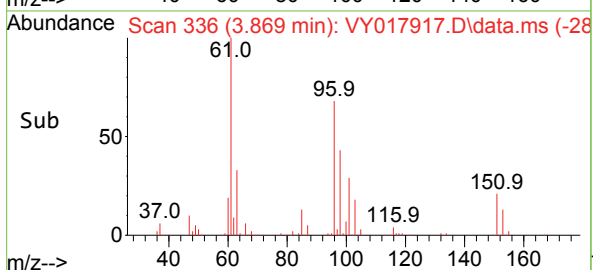
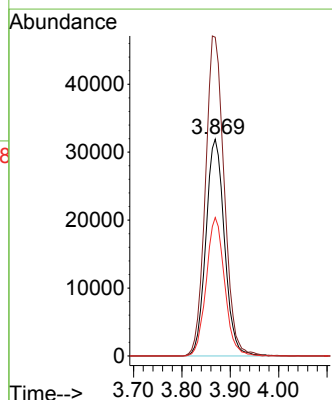
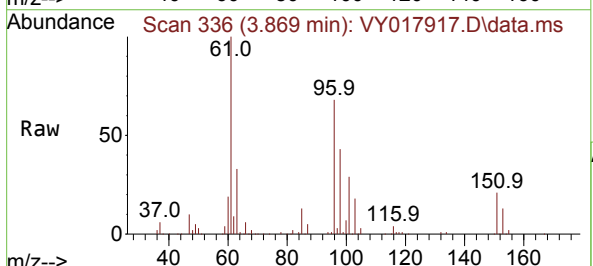
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

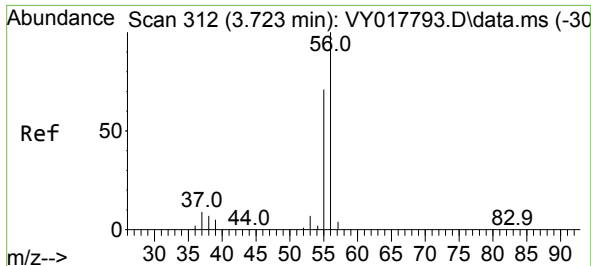
Tgt Ion: 59 Resp: 32571
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 64.141 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 96 Resp: 85278
Ion Ratio Lower Upper
96 100
61 147.0 114.6 171.8
98 63.8 50.8 76.2





#13

Acrolein

Concen: 167.368 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

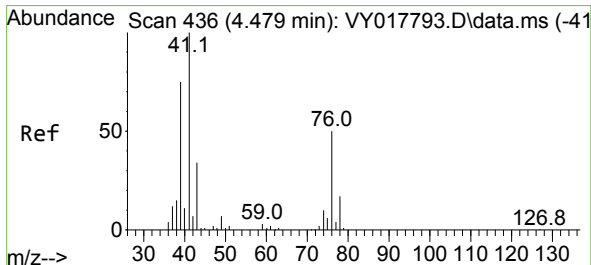
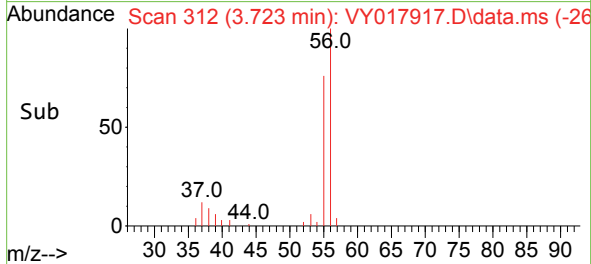
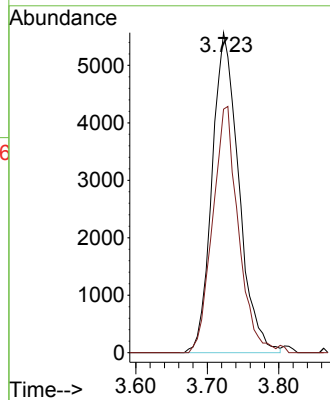
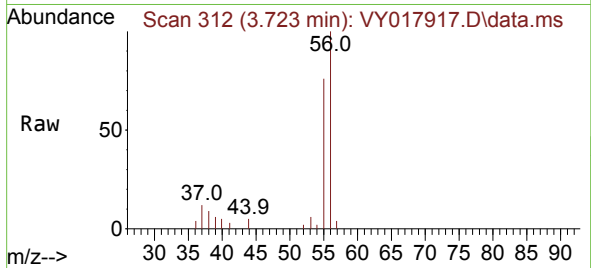
VSTDCCC050EC

Tgt Ion: 56 Resp: 14451

Ion Ratio Lower Upper

56 100

55 74.7 55.7 83.5



#14

Allyl chloride

Concen: 58.776 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

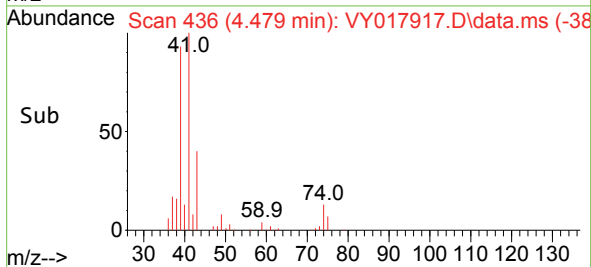
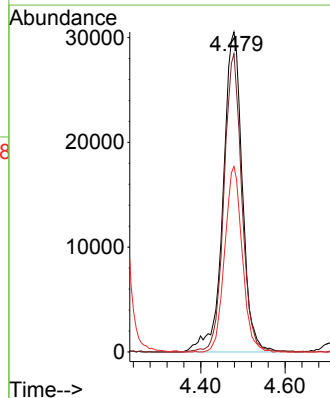
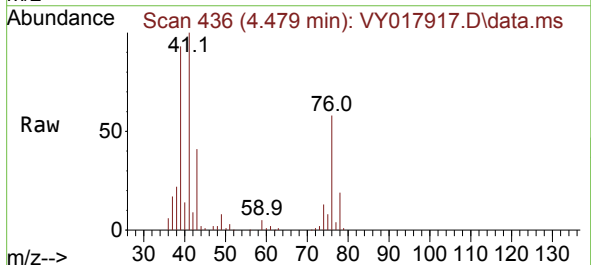
Tgt Ion: 41 Resp: 95871

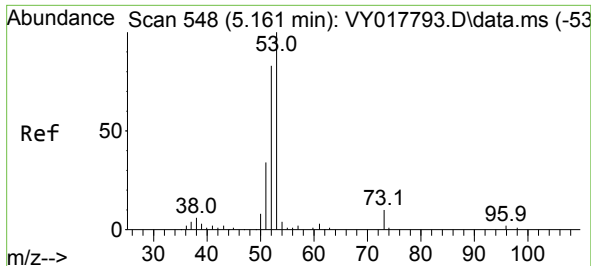
Ion Ratio Lower Upper

41 100

39 87.1 58.3 87.5

76 53.0 39.0 58.6

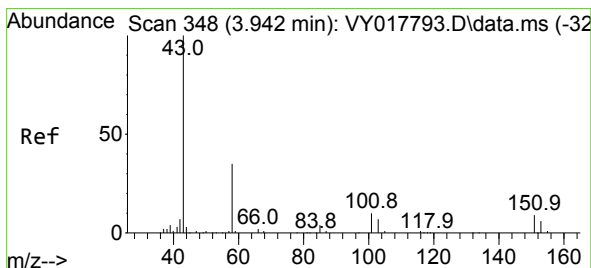
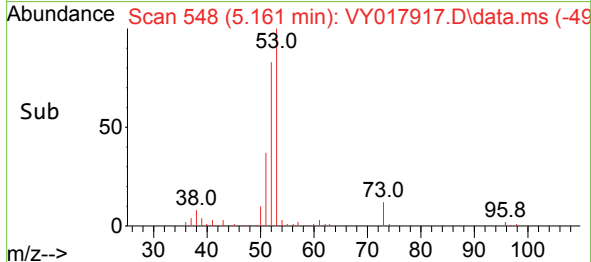
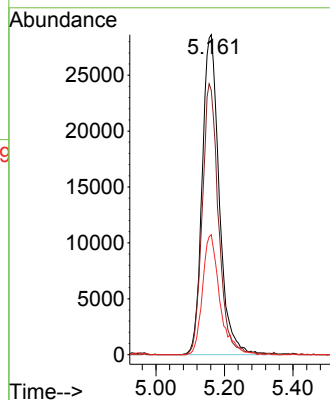
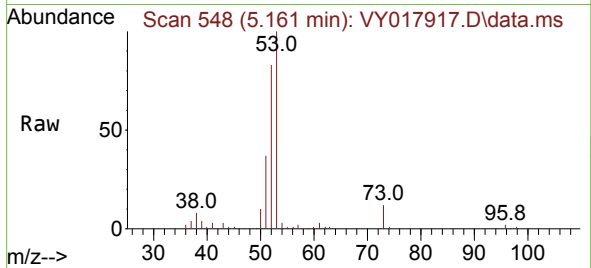




#15
Acrylonitrile
Concen: 337.203 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

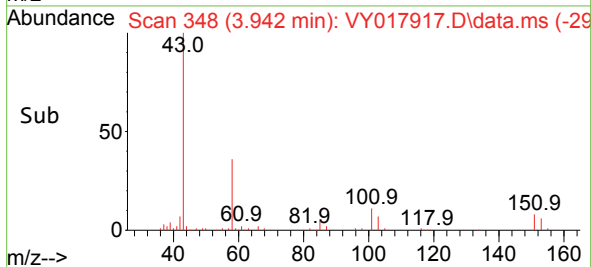
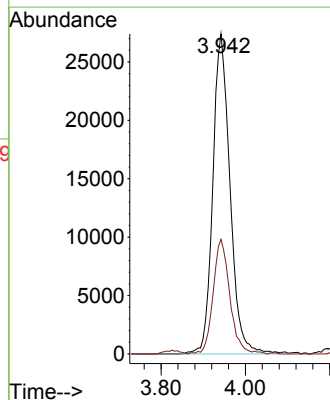
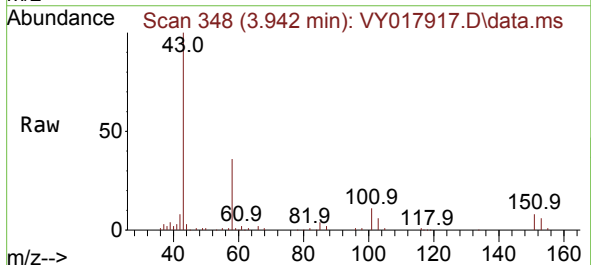
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

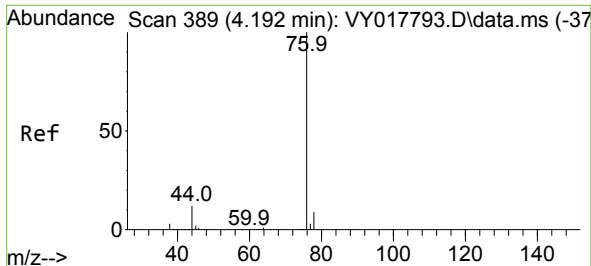
Tgt Ion:	53	Resp:	99058
Ion	Ratio	Lower	Upper
53	100		
52	80.4	64.7	97.1
51	38.1	28.4	42.6



#16
Acetone
Concen: 304.798 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion:	43	Resp:	77647
Ion	Ratio	Lower	Upper
43	100		
58	35.8	31.7	47.5





#17

Carbon Disulfide

Concen: 57.025 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

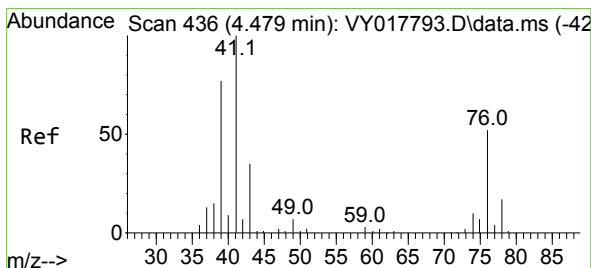
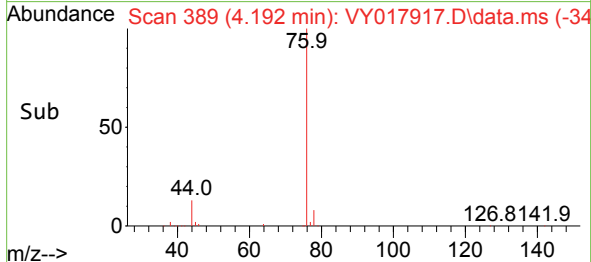
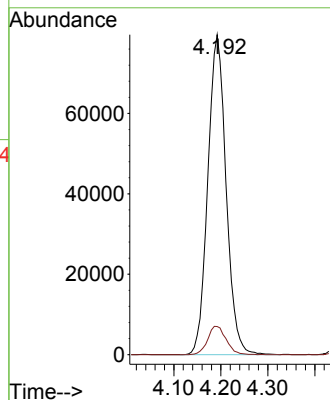
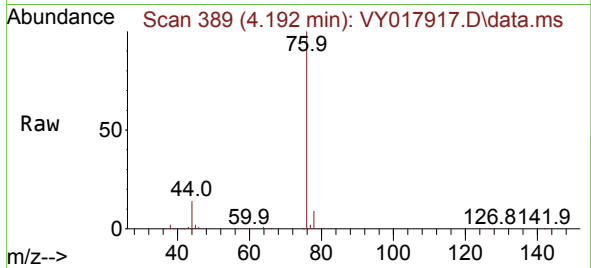
VSTDCCC050EC

Tgt Ion: 76 Resp: 214560

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2



#18

Methyl Acetate

Concen: 66.021 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017917.D

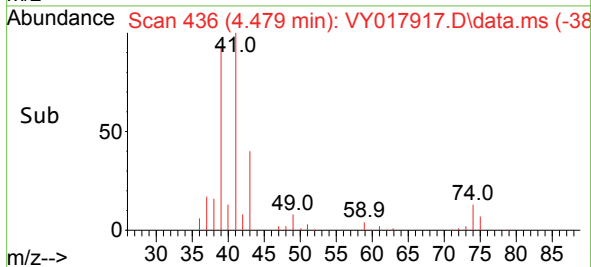
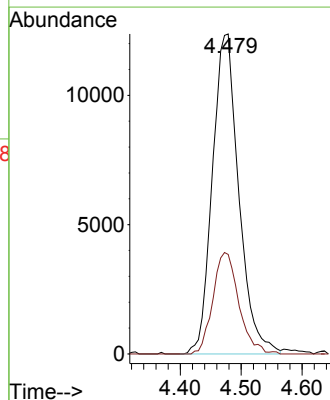
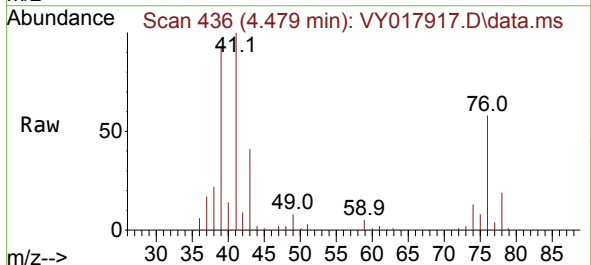
Acq: 11 Apr 2024 17:35

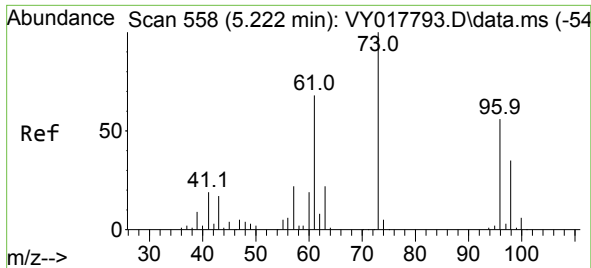
Tgt Ion: 43 Resp: 37253

Ion Ratio Lower Upper

43 100

74 31.2 23.3 34.9

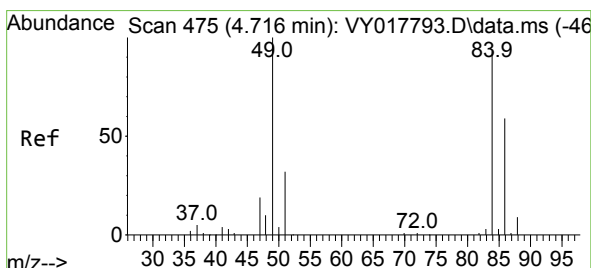
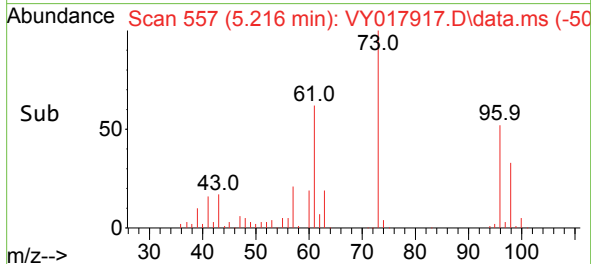
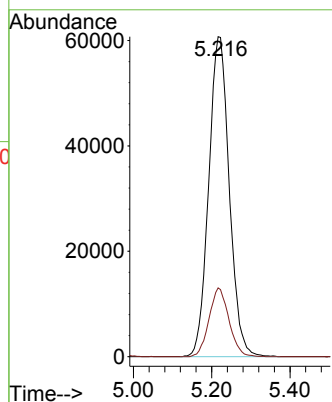
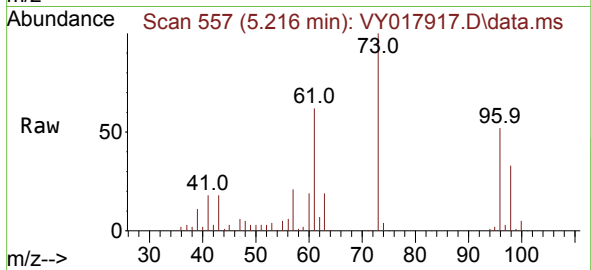




#19
Methyl tert-butyl Ether
Concen: 72.710 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

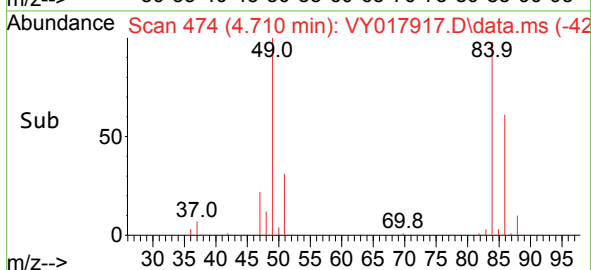
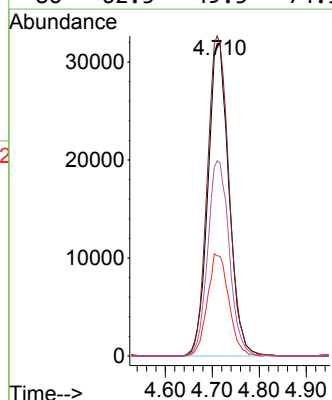
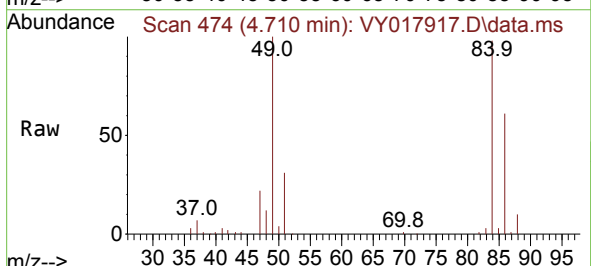
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

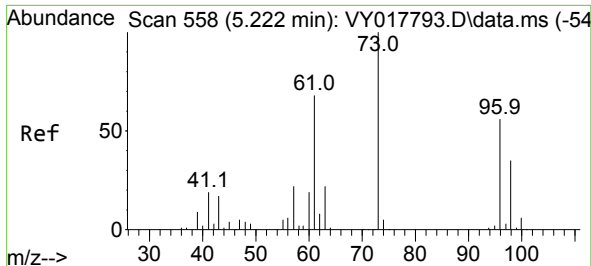
Tgt Ion: 73 Resp: 221345
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 64.252 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 84 Resp: 99120
Ion Ratio Lower Upper
84 100
49 102.5 84.4 126.6
51 32.1 26.0 39.0
86 62.5 49.5 74.3

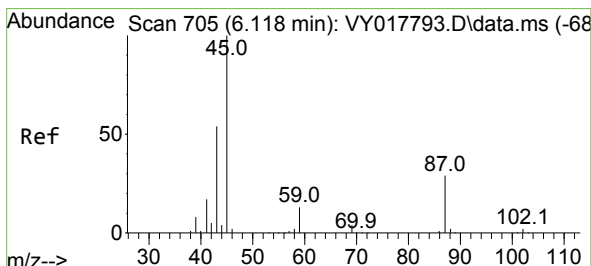
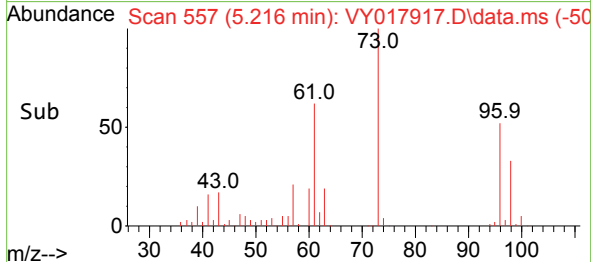
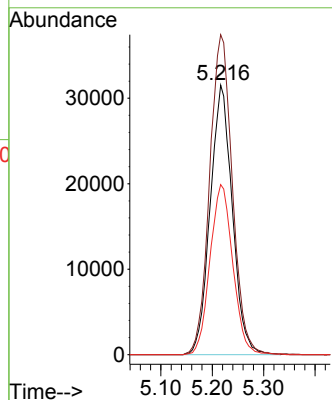
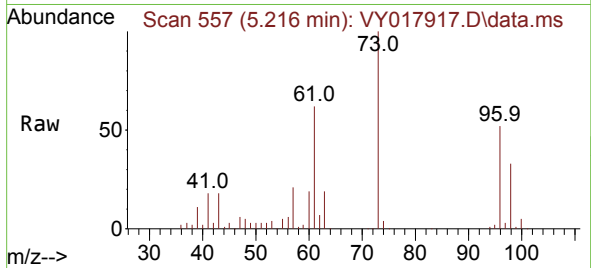




#21
trans-1,2-Dichloroethene
Concen: 66.303 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

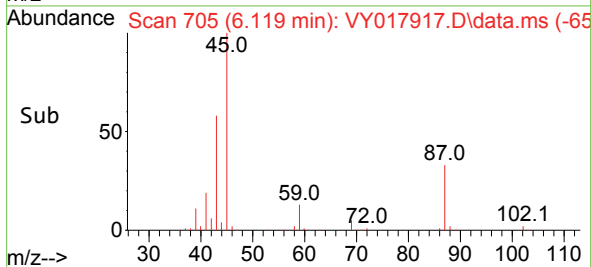
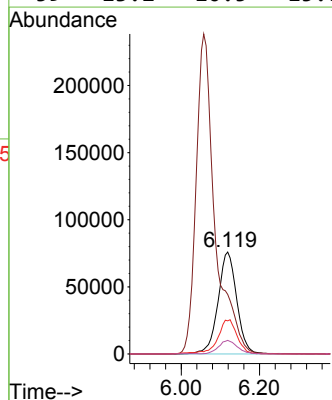
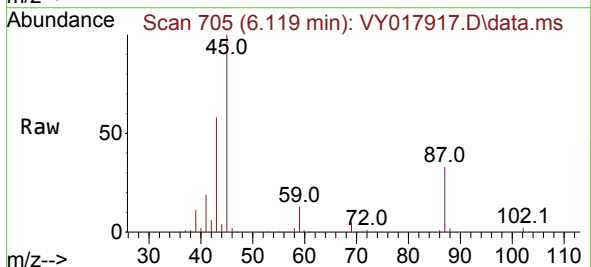
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

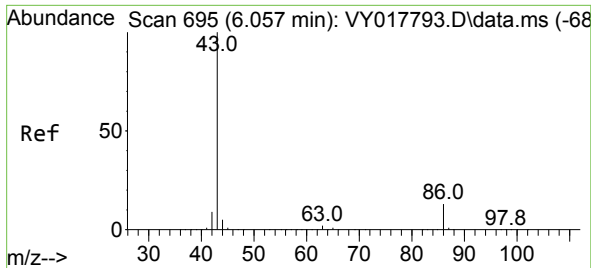
Tgt Ion: 96 Resp: 94332
Ion Ratio Lower Upper
96 100
61 118.7 97.5 146.3
98 63.1 50.5 75.7



#22
Diisopropyl ether
Concen: 66.923 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 45 Resp: 252303
Ion Ratio Lower Upper
45 100
43 58.0 42.2 63.2
87 32.6 25.0 37.6
59 13.2 10.5 15.7

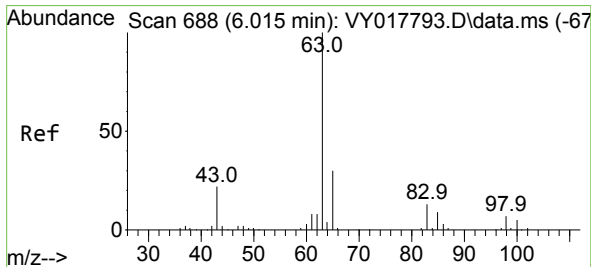
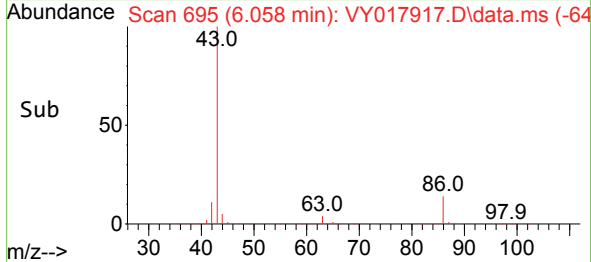
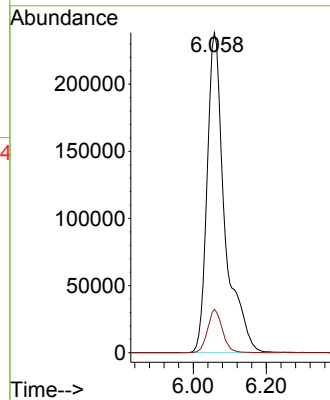
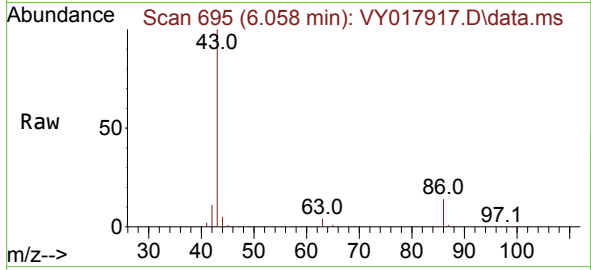




#23
 Vinyl Acetate
 Concen: 346.918 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017917.D
 Acq: 11 Apr 2024 17:35

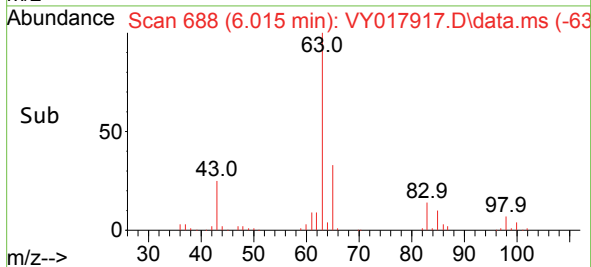
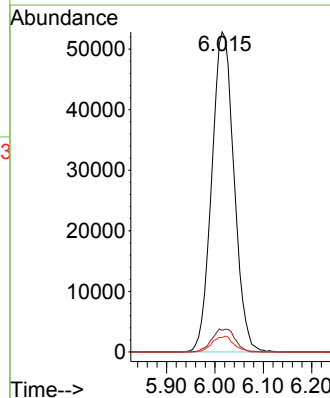
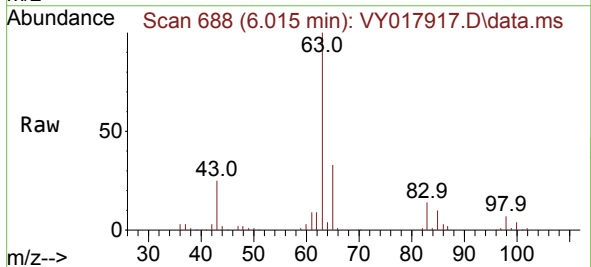
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

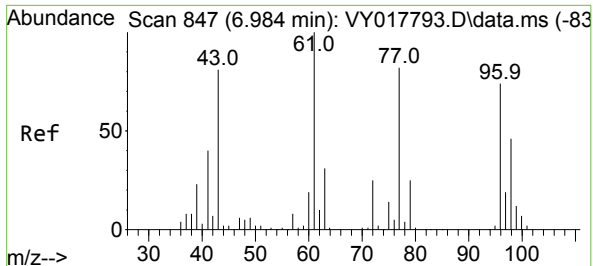
Tgt Ion: 43 Resp: 798538
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 67.620 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017917.D
 Acq: 11 Apr 2024 17:35

Tgt Ion: 63 Resp: 169202
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 333.740 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

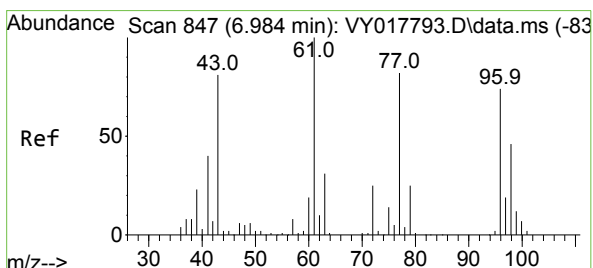
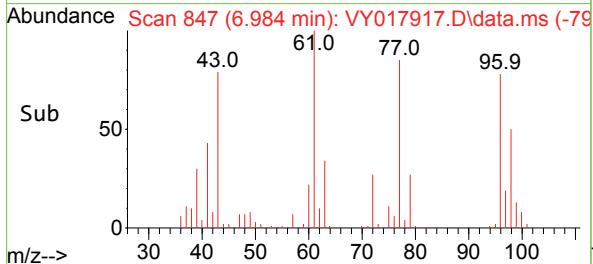
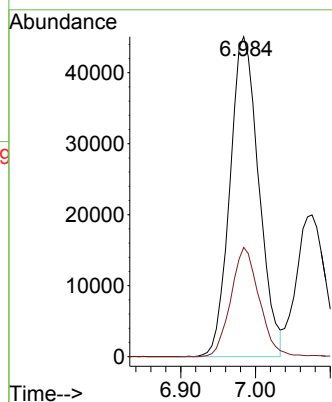
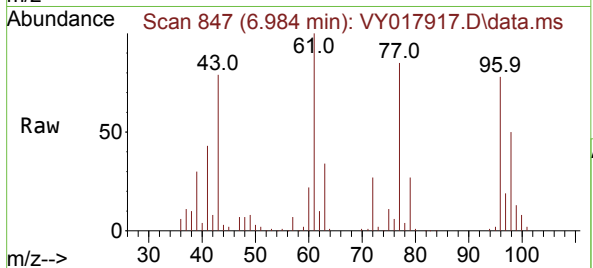
VSTDCCC050EC

Tgt Ion: 43 Resp: 121117

Ion Ratio Lower Upper

43 100

72 34.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 67.274 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY017917.D

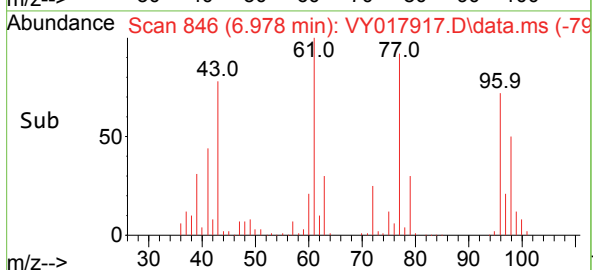
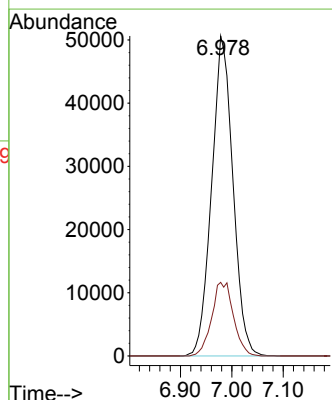
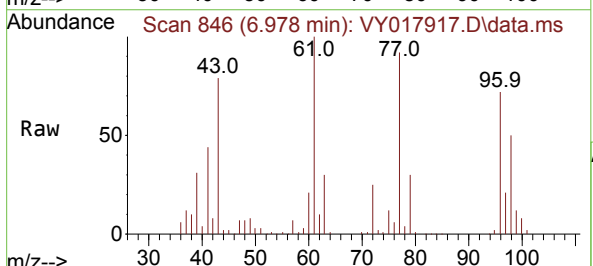
Acq: 11 Apr 2024 17:35

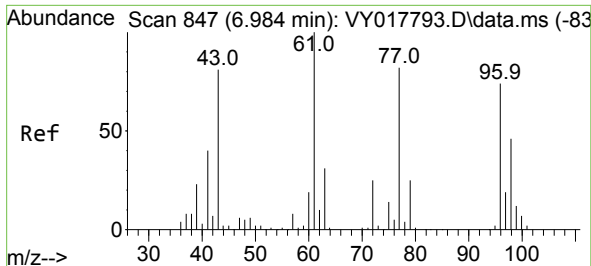
Tgt Ion: 77 Resp: 145395

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1



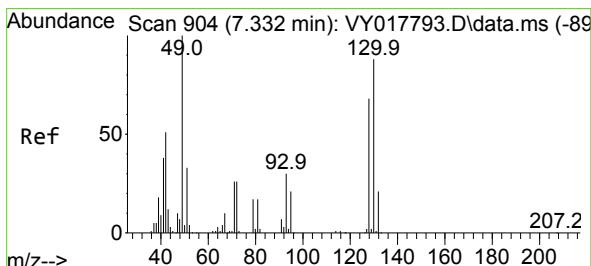
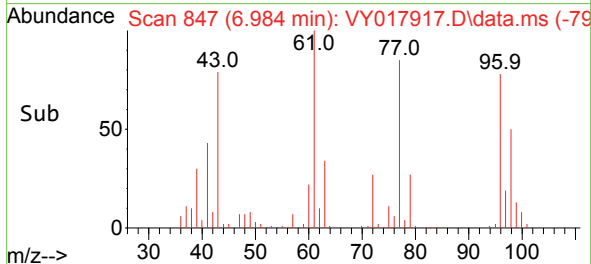
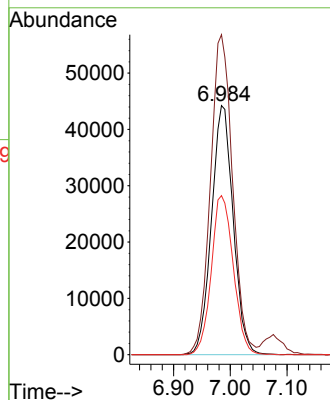
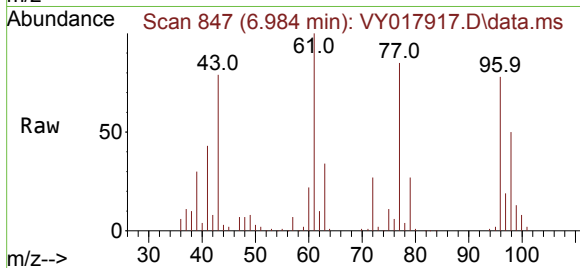


#27
 cis-1,2-Dichloroethene
 Concen: 69.963 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY017917.D
 Acq: 11 Apr 2024 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 117638

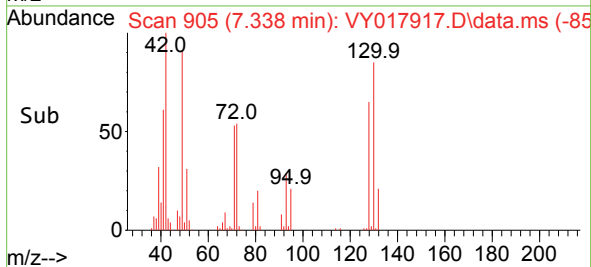
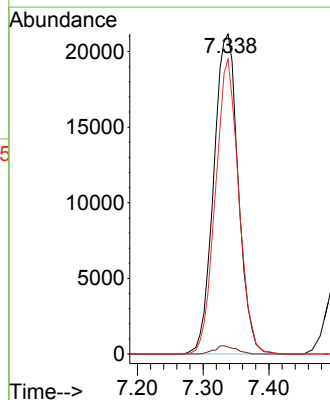
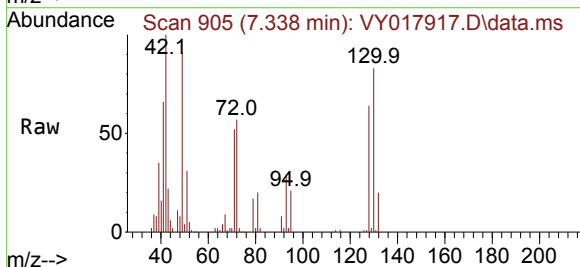
Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	256.2
98	64.8	0.0	130.0

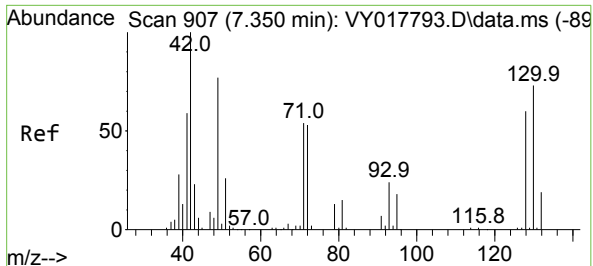


#28
 Bromochloromethane
 Concen: 53.922 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY017917.D
 Acq: 11 Apr 2024 17:35

Tgt Ion: 49 Resp: 54869

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	87.7	72.7	109.1





#29

Tetrahydrofuran

Concen: 344.785 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

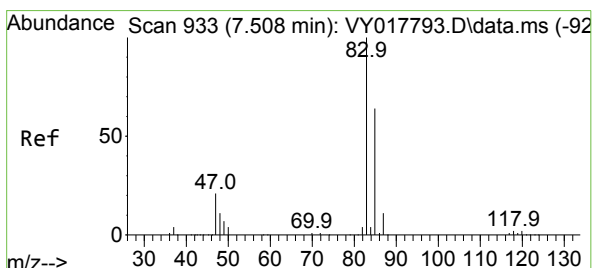
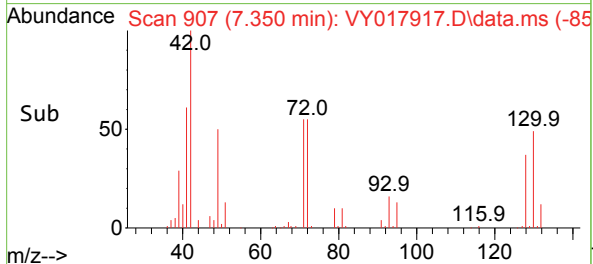
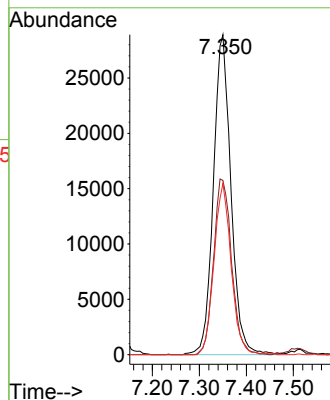
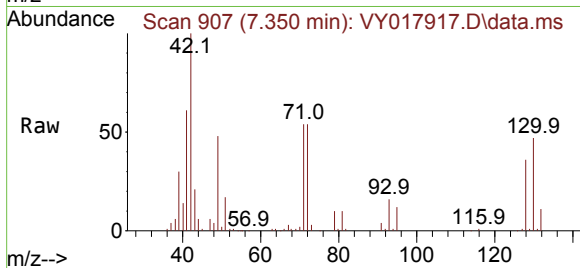
Tgt Ion: 42 Resp: 75079

Ion Ratio Lower Upper

42 100

72 56.4 43.0 64.4

71 52.2 40.8 61.2



#30

Chloroform

Concen: 71.062 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017917.D

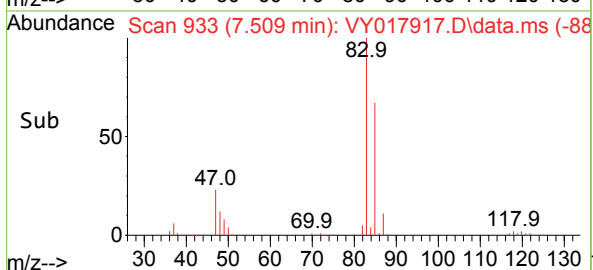
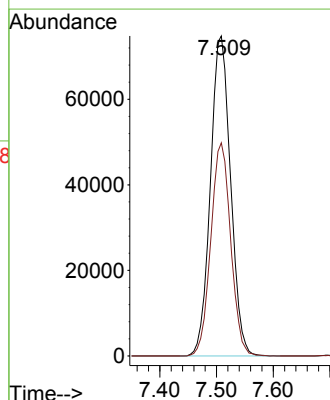
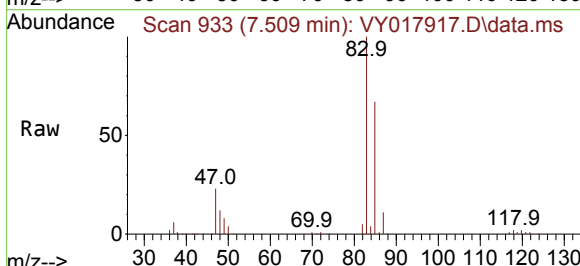
Acq: 11 Apr 2024 17:35

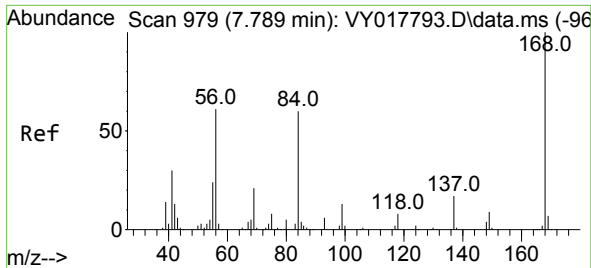
Tgt Ion: 83 Resp: 184492

Ion Ratio Lower Upper

83 100

85 66.6 52.2 78.4

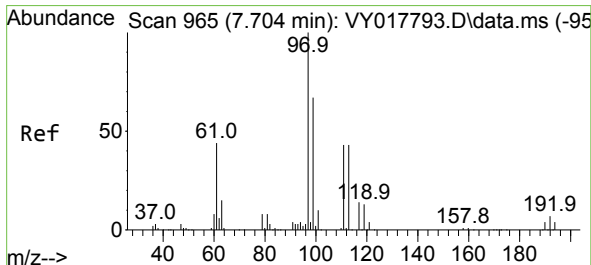
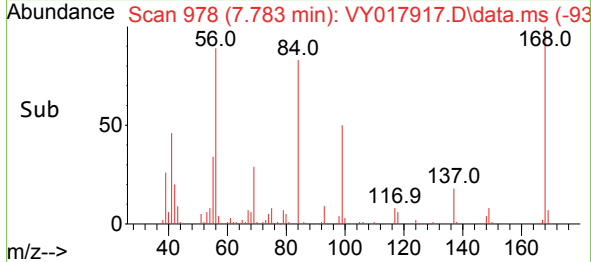
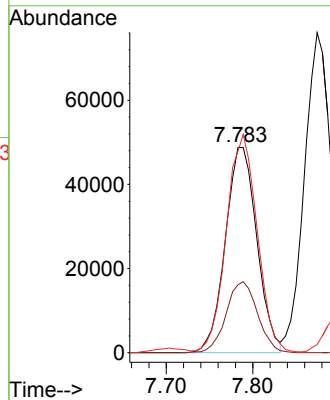
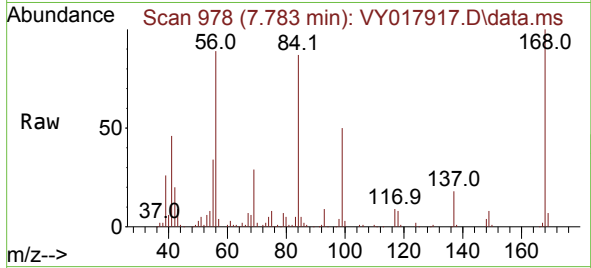




#31
Cyclohexane
Concen: 56.993 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

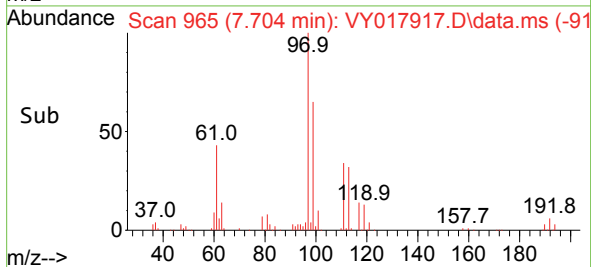
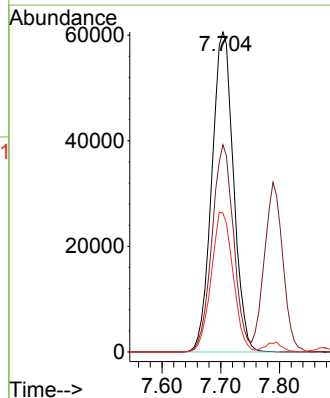
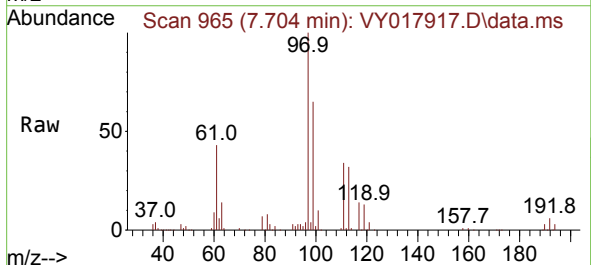
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

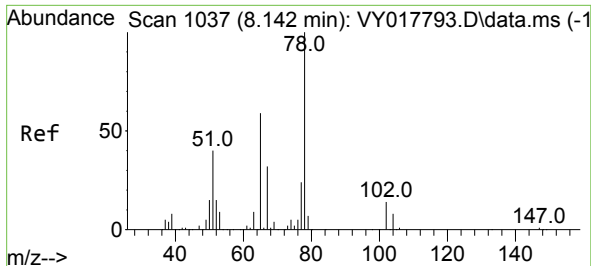
Tgt Ion: 56 Resp: 123737
Ion Ratio Lower Upper
56 100
69 32.5 28.7 43.1
84 96.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 70.176 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 97 Resp: 155067
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 44.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 58.182 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

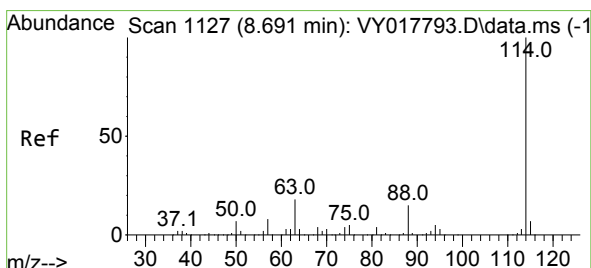
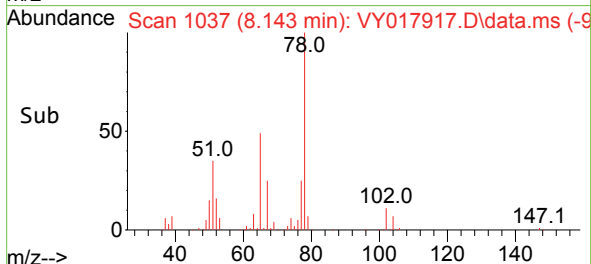
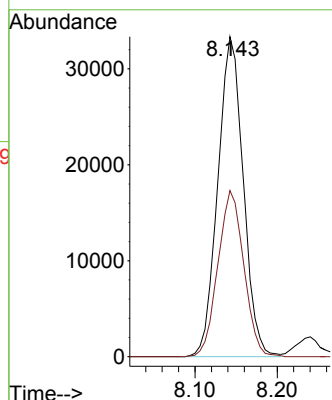
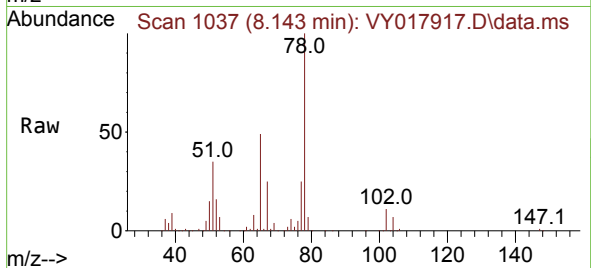
VSTDCCC050EC

Tgt Ion: 65 Resp: 71704

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

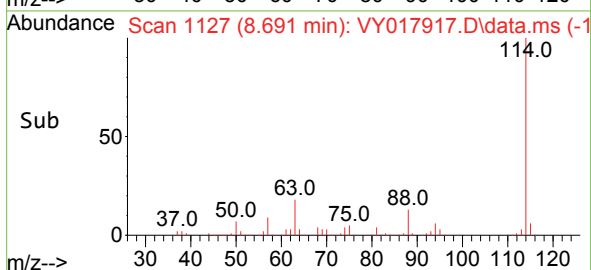
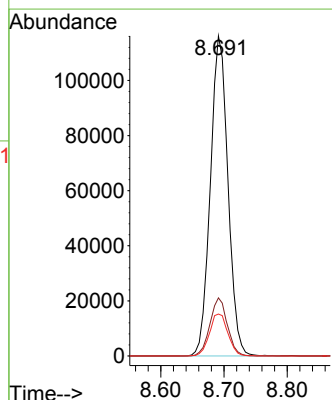
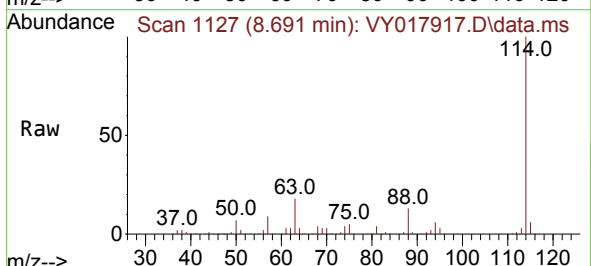
Tgt Ion: 114 Resp: 224197

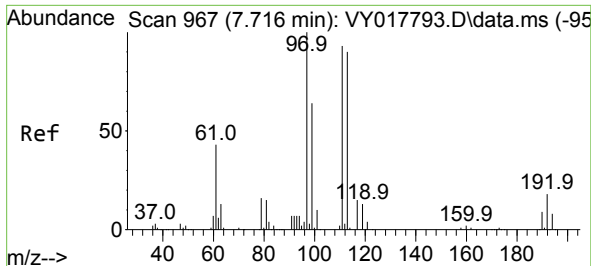
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 13.1 0.0 27.2

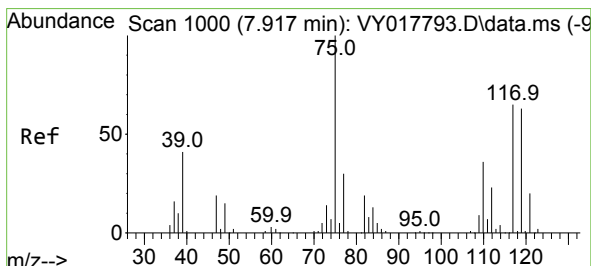
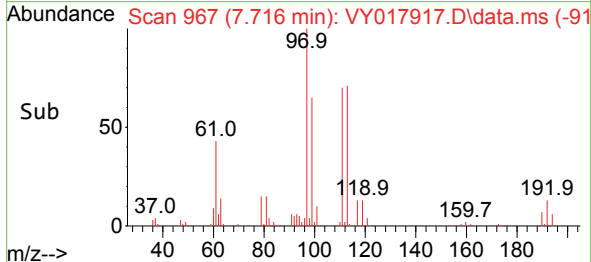
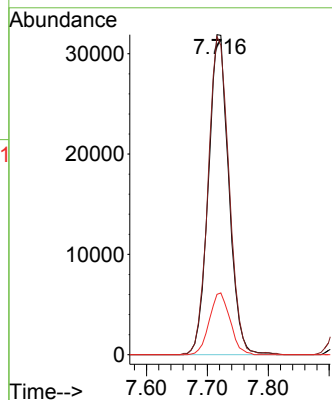
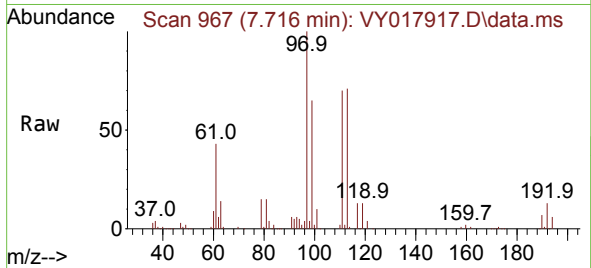




#35
Dibromofluoromethane
Concen: 57.197 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

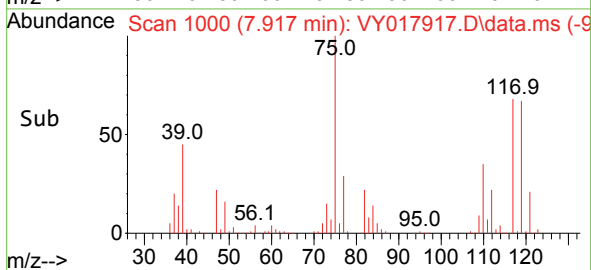
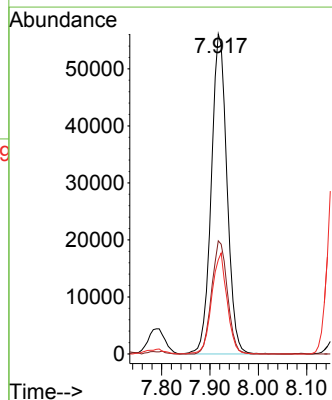
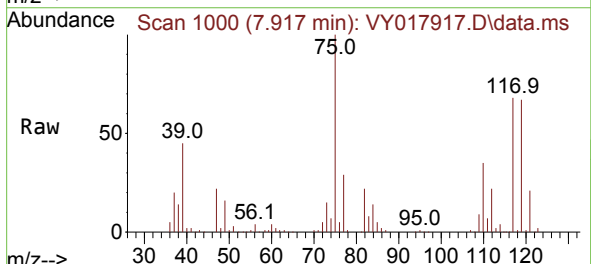
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

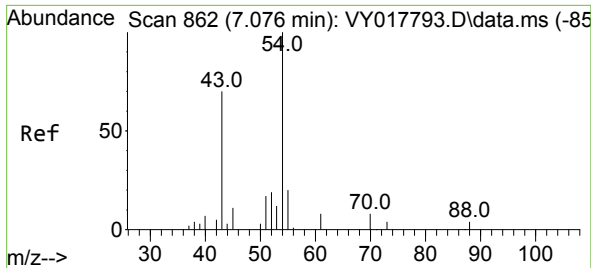
Tgt Ion:113 Resp: 74099
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 67.015 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 75 Resp: 126675
Ion Ratio Lower Upper
75 100
110 35.5 19.0 57.0
77 30.9 25.3 37.9

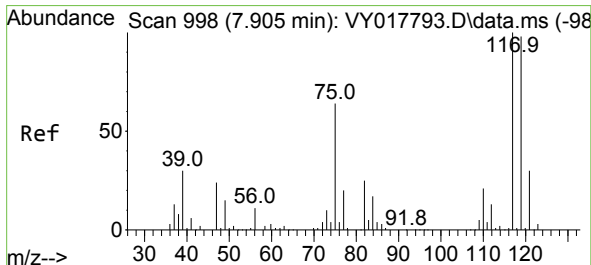
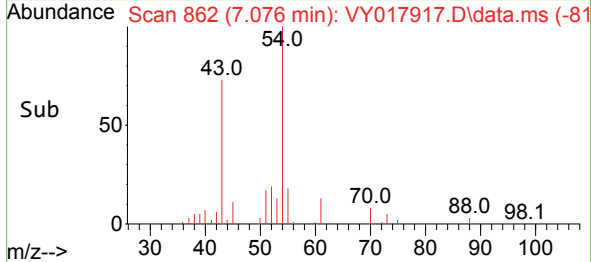
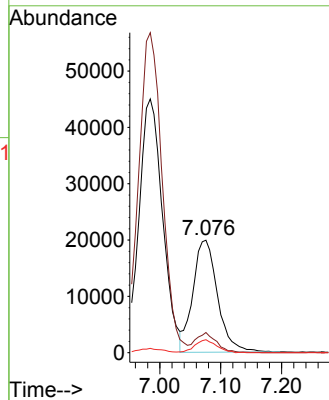
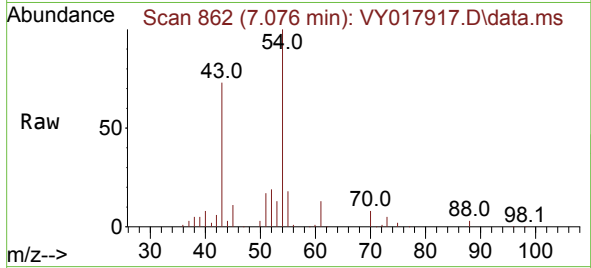




#37
Ethyl Acetate
Concen: 68.627 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

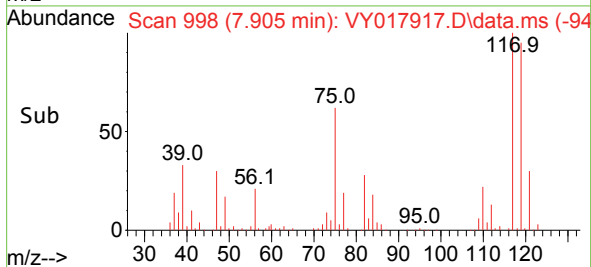
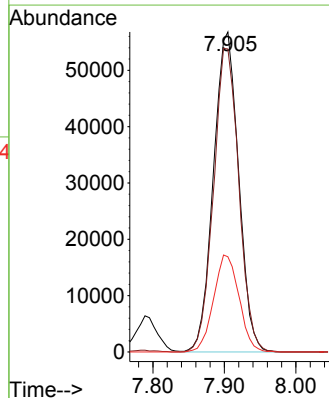
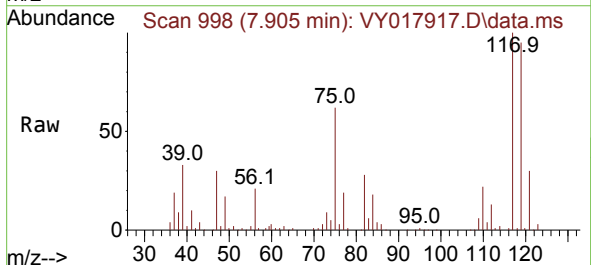
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

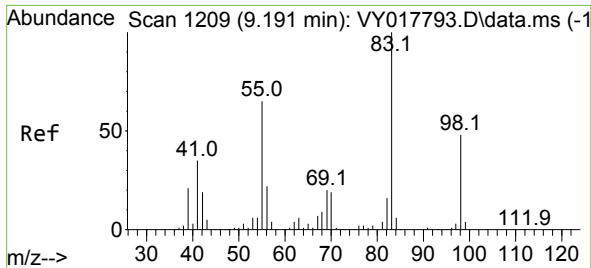
Tgt Ion: 43 Resp: 55981
Ion Ratio Lower Upper
43 100
61 15.4 12.6 19.0
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 70.736 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 117 Resp: 138806
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
121 29.8 24.0 36.0





#39

Methylcyclohexane

Concen: 64.471 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

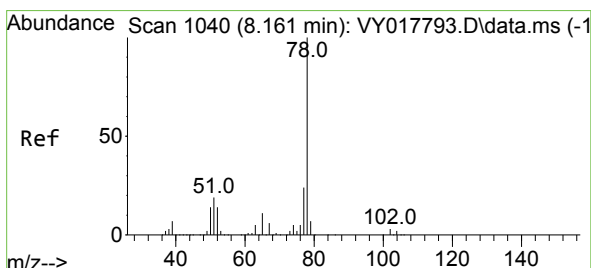
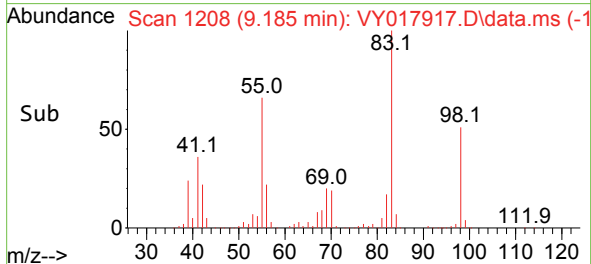
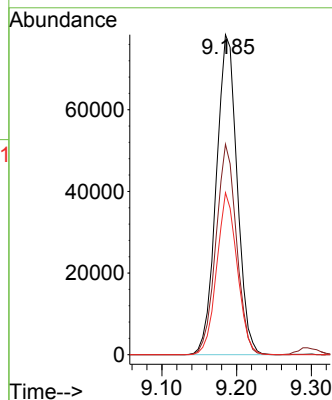
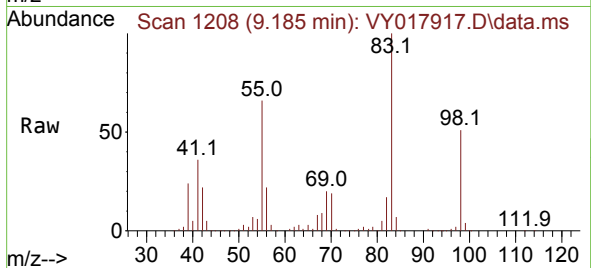
Tgt Ion: 83 Resp: 152224

Ion Ratio Lower Upper

83 100

55 65.7 51.5 77.3

98 50.6 40.5 60.7



#40

Benzene

Concen: 67.511 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY017917.D

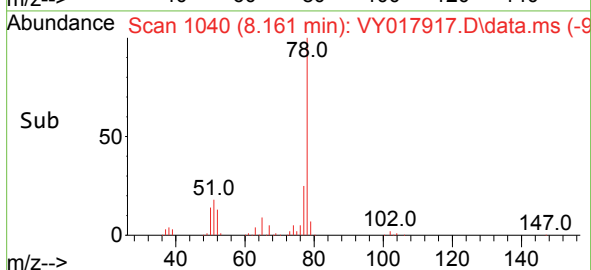
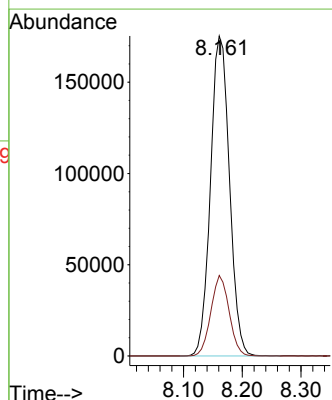
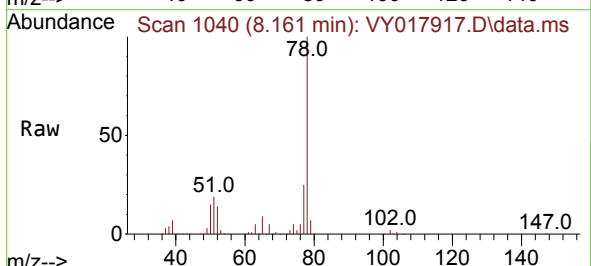
Acq: 11 Apr 2024 17:35

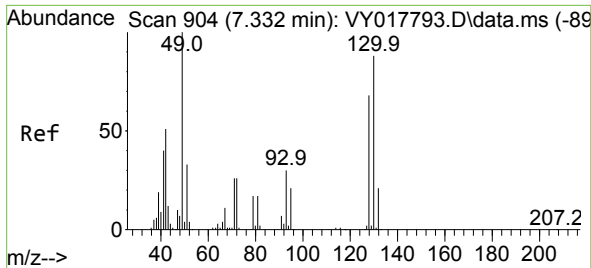
Tgt Ion: 78 Resp: 393274

Ion Ratio Lower Upper

78 100

77 25.2 19.5 29.3

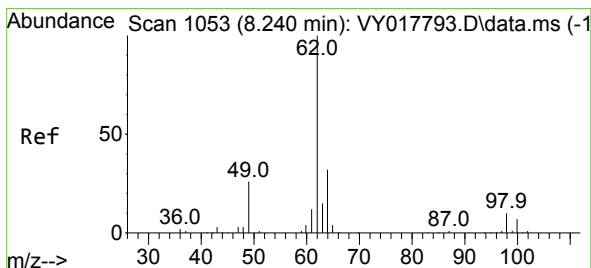
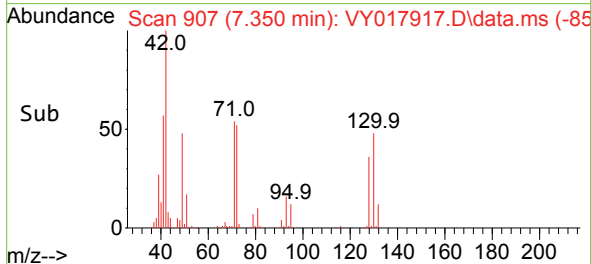
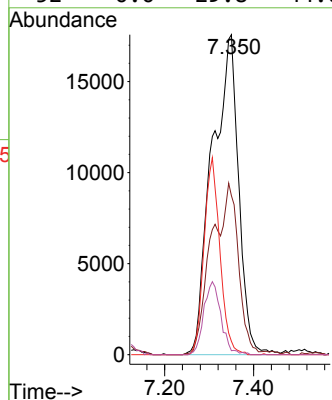
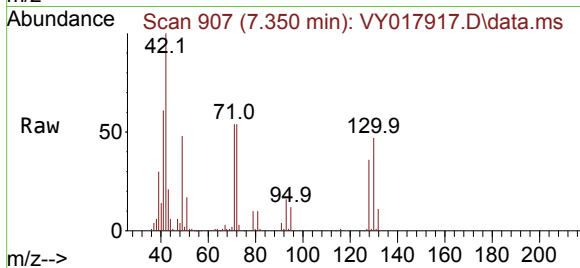




#41
Methacrylonitrile
Concen: 121.905 ug/l
RT: 7.350 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

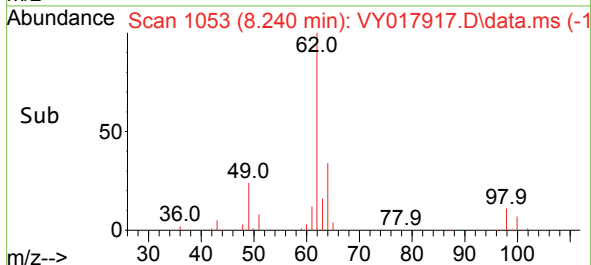
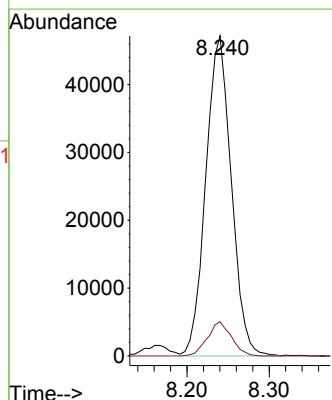
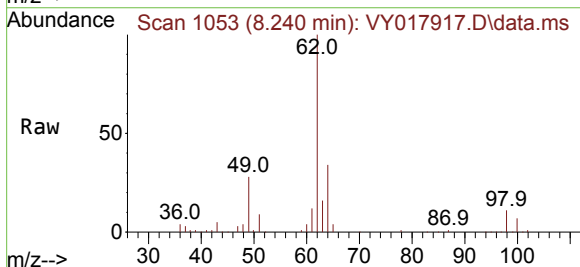
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

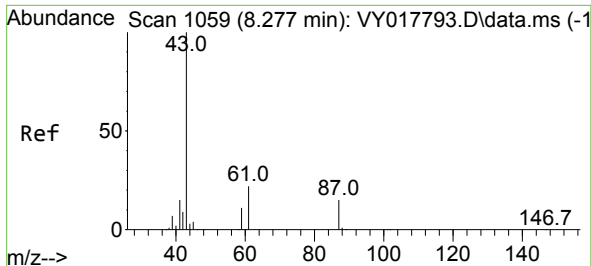
Tgt Ion: 41 Resp: 72610
Ion Ratio Lower Upper
41 100
39 29.3 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 70.913 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

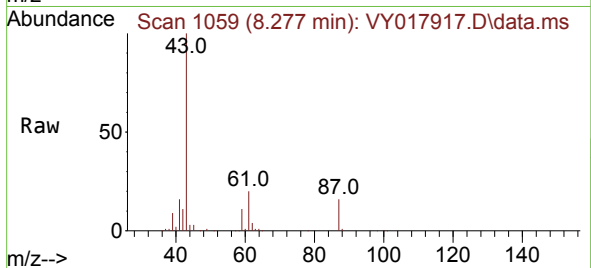
Tgt Ion: 62 Resp: 101676
Ion Ratio Lower Upper
62 100
98 10.1 0.0 22.0





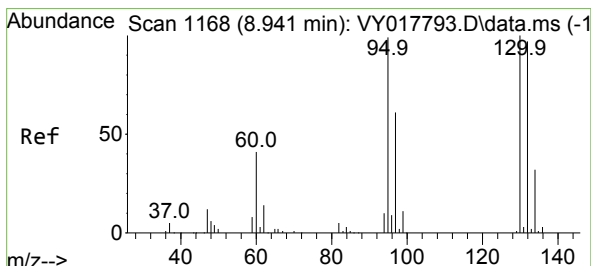
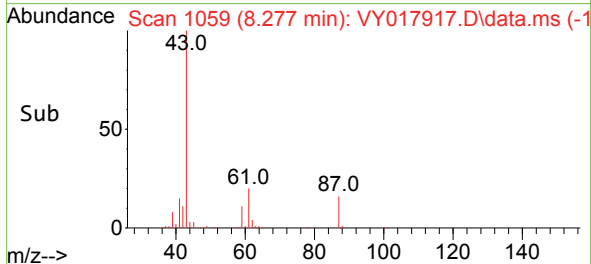
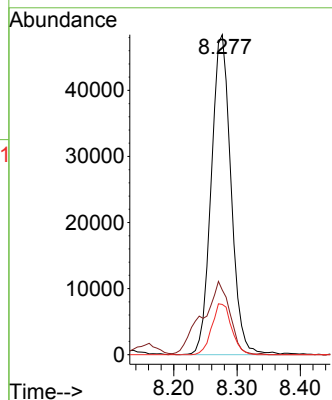
#43
Isopropyl Acetate
Concen: 70.857 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 104894

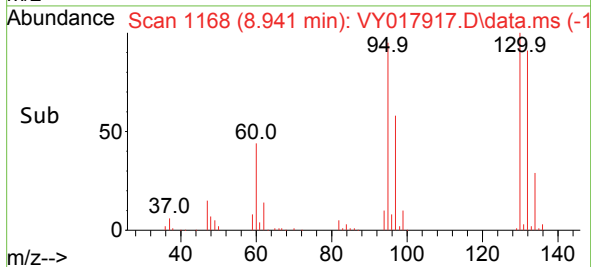
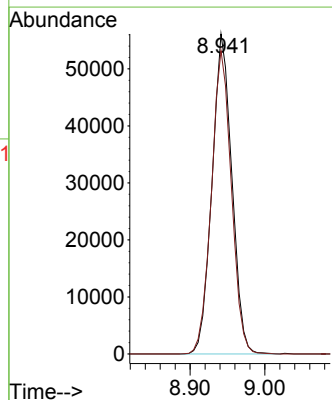
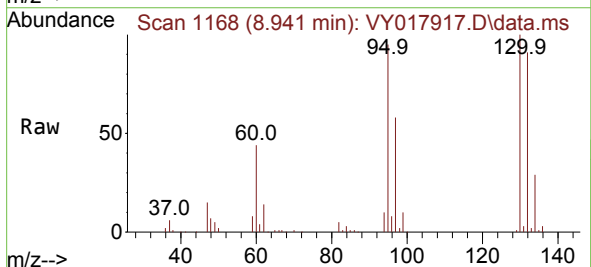
Ion	Ratio	Lower	Upper
43	100		
61	31.9	27.9	41.9
87	16.0	13.1	19.7

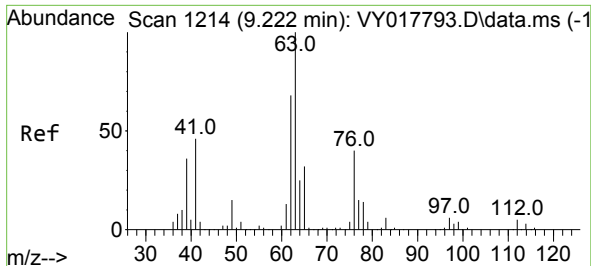


#44
Trichloroethene
Concen: 68.366 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 130 Resp: 103615

Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	188.0





#45

1,2-Dichloropropane

Concen: 68.057 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

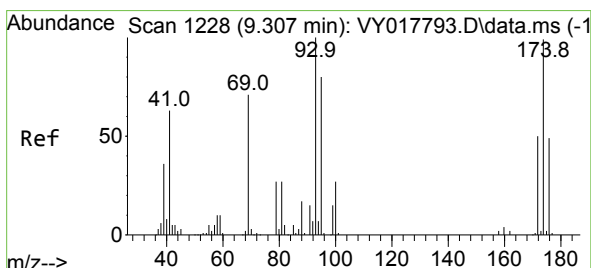
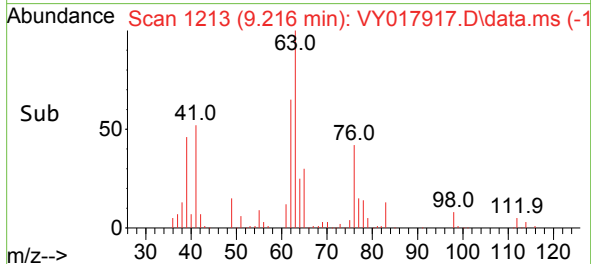
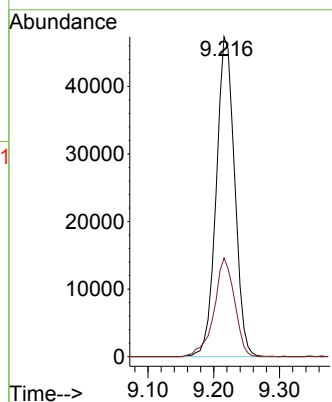
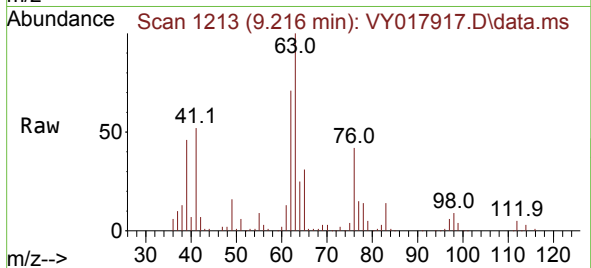
VSTDCCC050EC

Tgt Ion: 63 Resp: 92124

Ion Ratio Lower Upper

63 100

65 30.9 25.4 38.2



#46

Dibromomethane

Concen: 71.702 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

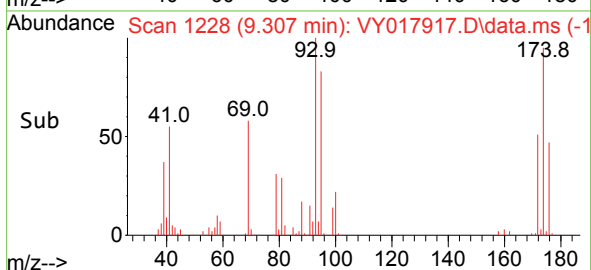
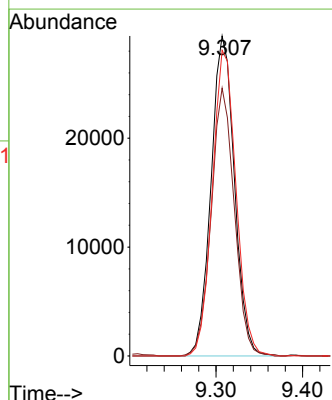
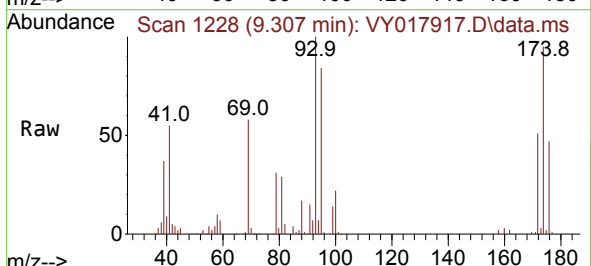
Tgt Ion: 93 Resp: 55142

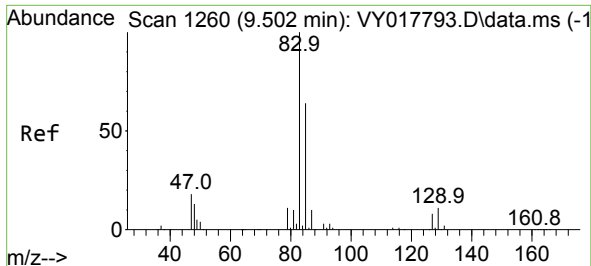
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 96.7 80.9 121.3

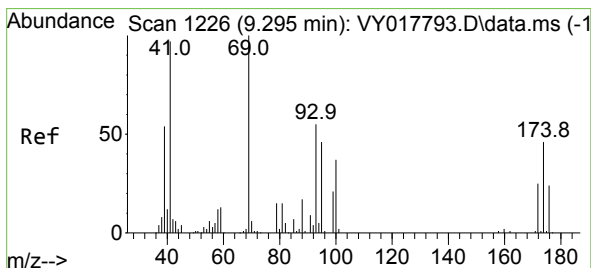
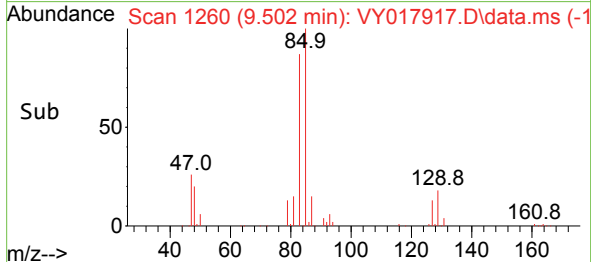
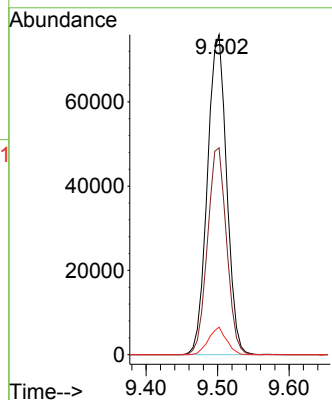
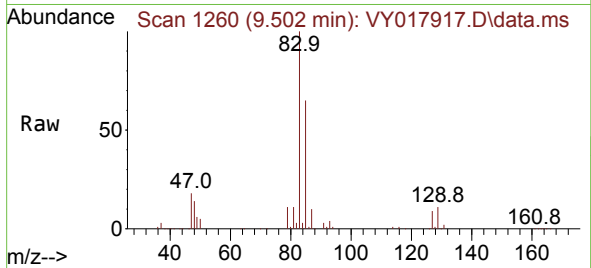




#47
Bromodichloromethane
Concen: 73.022 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

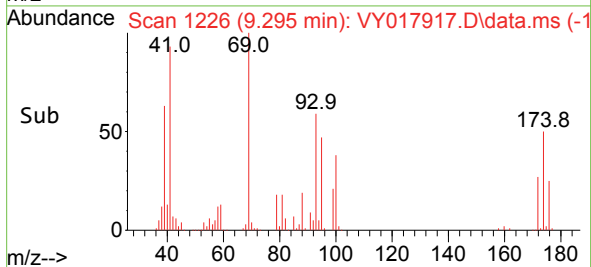
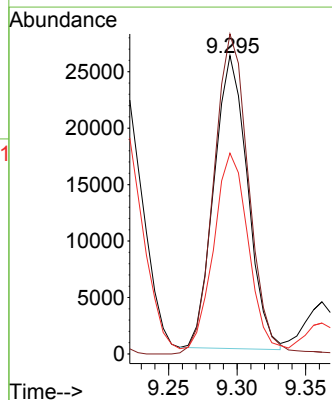
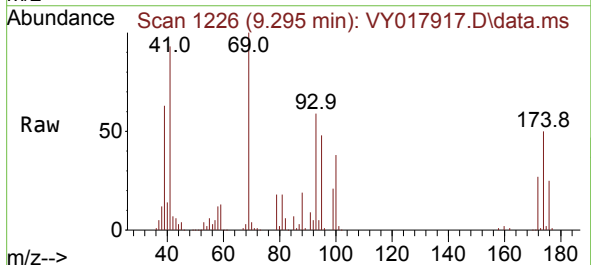
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

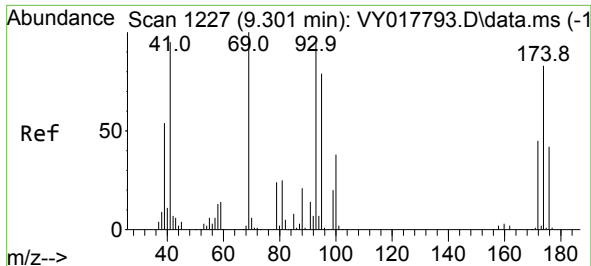
Tgt Ion: 83 Resp: 141897
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 66.684 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 41 Resp: 44221
Ion Ratio Lower Upper
41 100
69 113.5 84.1 126.1
39 67.9 43.6 65.4

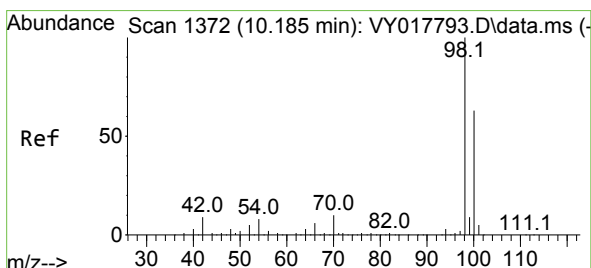
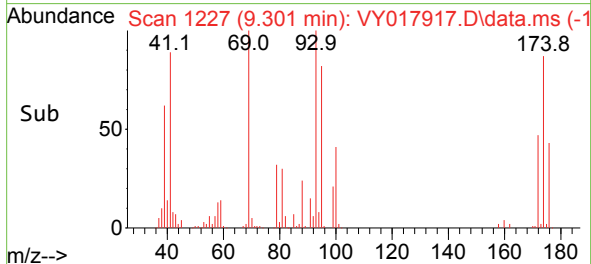
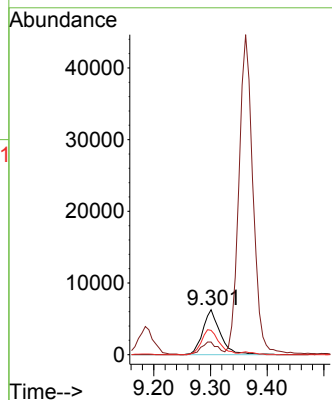
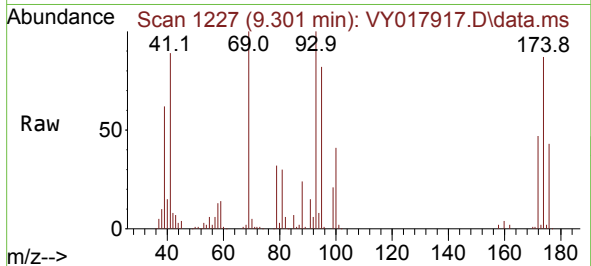




#49
1,4-Dioxane
Concen: 1558.257 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

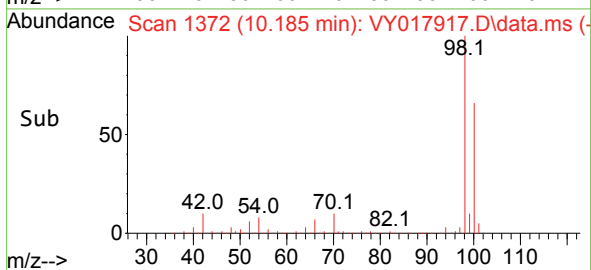
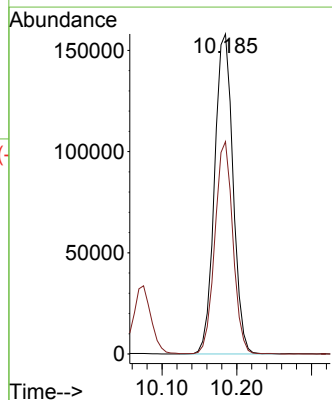
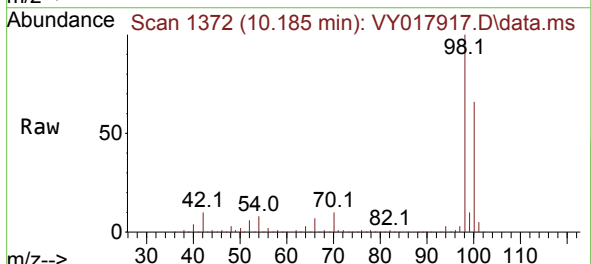
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

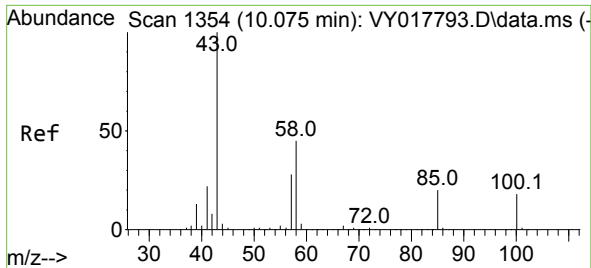
Tgt Ion: 88 Resp: 13453
Ion Ratio Lower Upper
88 100
43 26.8 0.0 0.0#
58 56.4 49.3 73.9



#50
Toluene-d8
Concen: 55.870 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 98 Resp: 270369
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

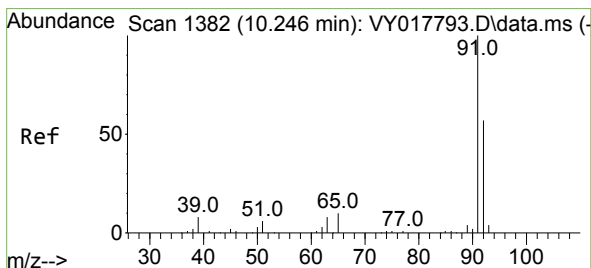
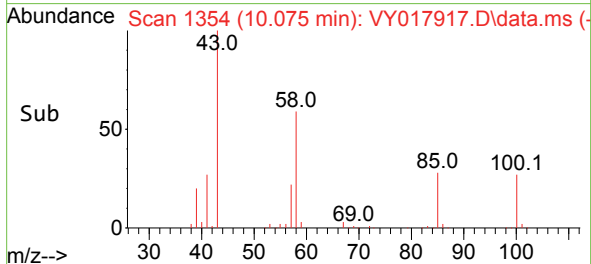
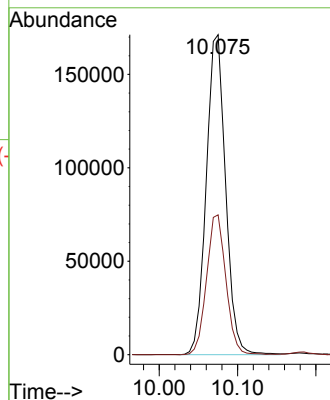
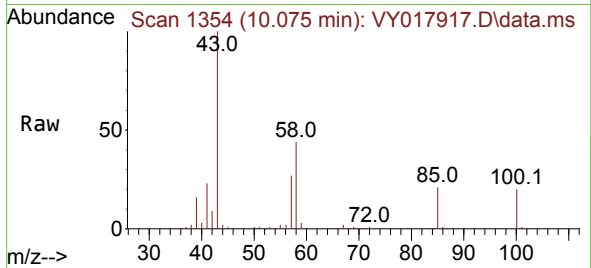




#51
4-Methyl-2-Pentanone
Concen: 370.421 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

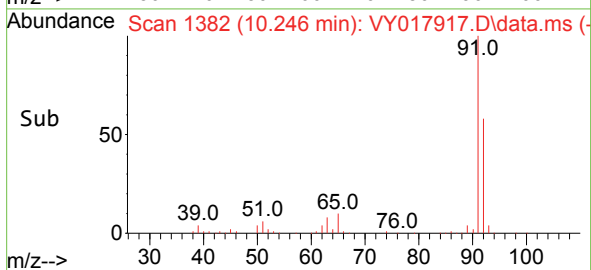
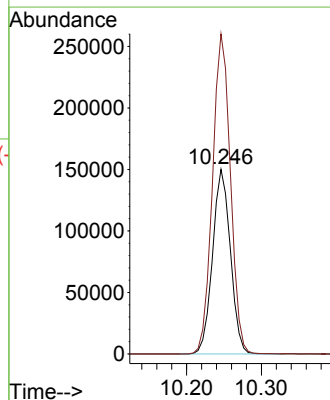
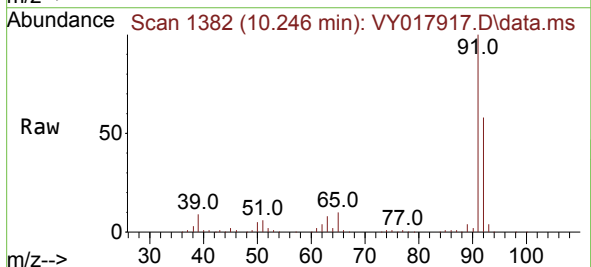
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

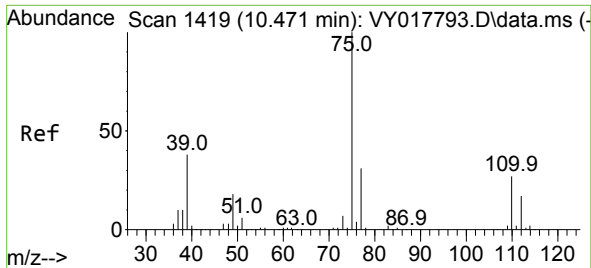
Tgt Ion: 43 Resp: 293447
Ion Ratio Lower Upper
43 100
58 43.7 35.7 53.5



#52
Toluene
Concen: 70.389 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 92 Resp: 248718
Ion Ratio Lower Upper
92 100
91 174.5 139.0 208.6

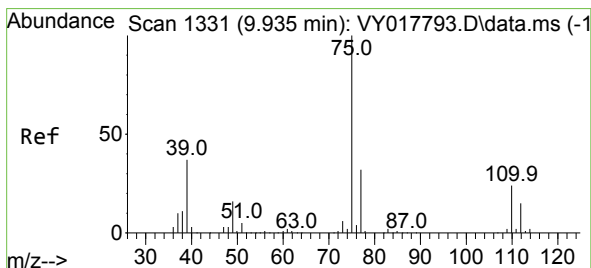
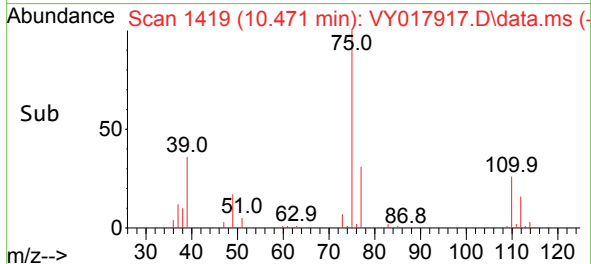
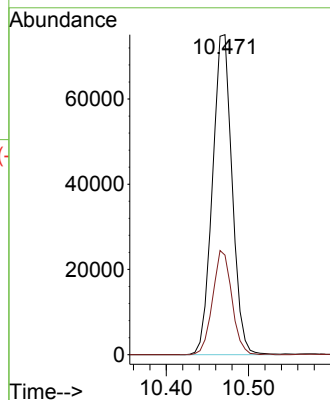
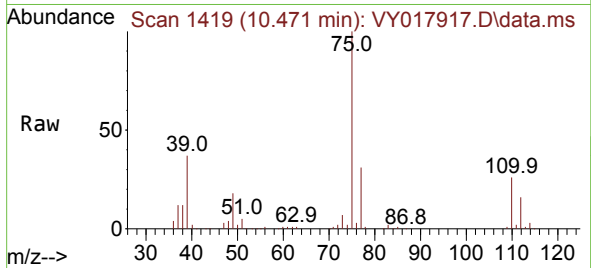




#53
 t-1,3-Dichloropropene
 Concen: 72.218 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017917.D
 Acq: 11 Apr 2024 17:35

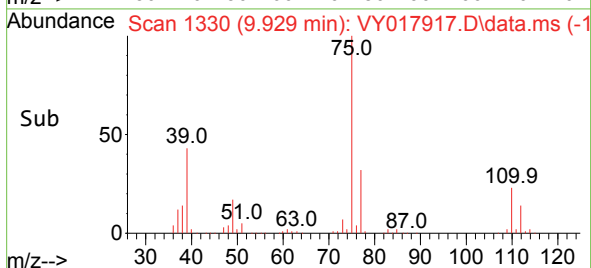
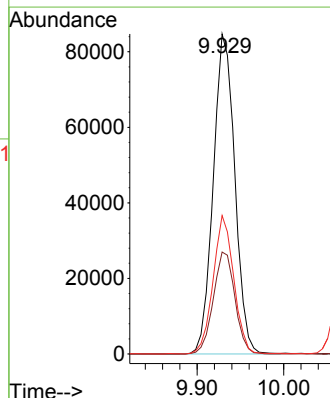
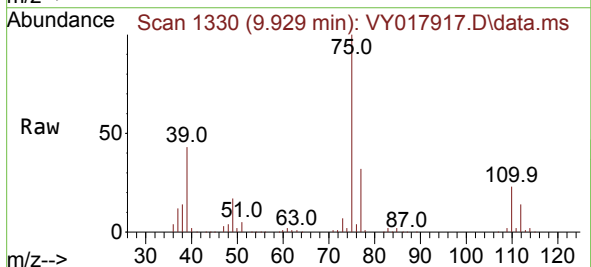
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

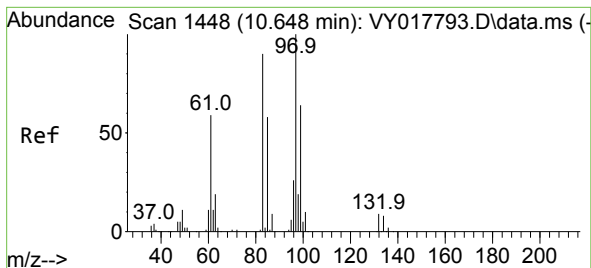
Tgt Ion: 75 Resp: 124603
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 69.583 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017917.D
 Acq: 11 Apr 2024 17:35

Tgt Ion: 75 Resp: 146527
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 43.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 71.416 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 73182

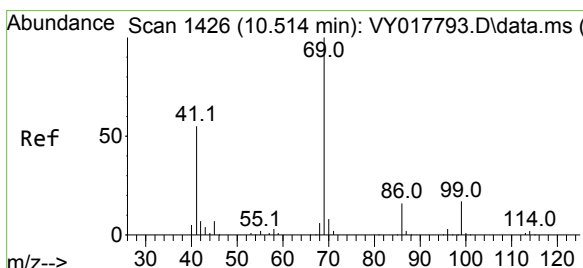
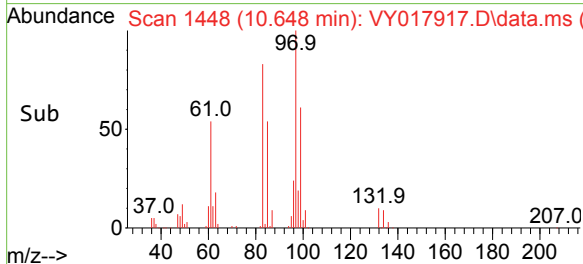
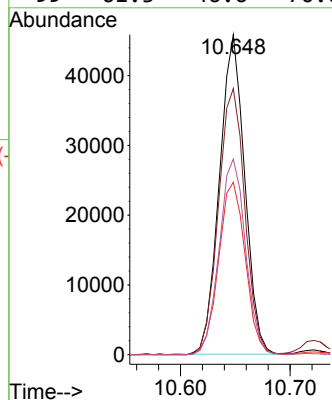
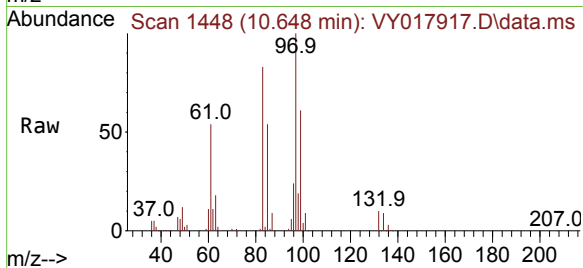
Ion Ratio Lower Upper

97 100

83 83.3 67.5 101.3

85 54.0 42.9 64.3

99 61.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 71.705 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

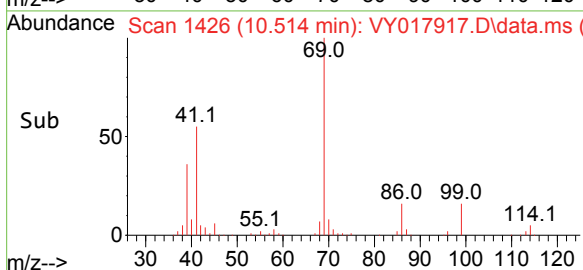
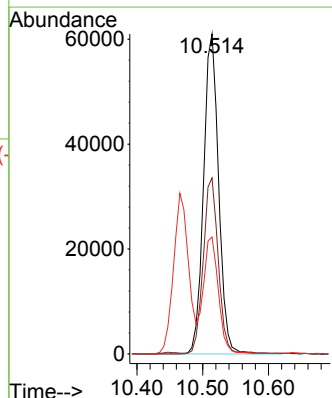
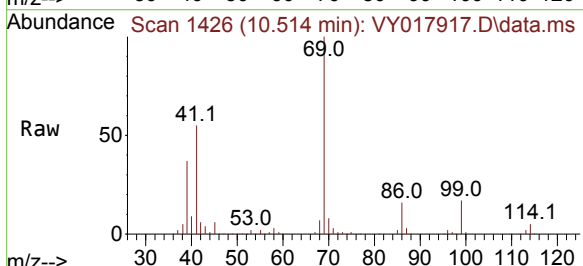
Tgt Ion: 69 Resp: 97276

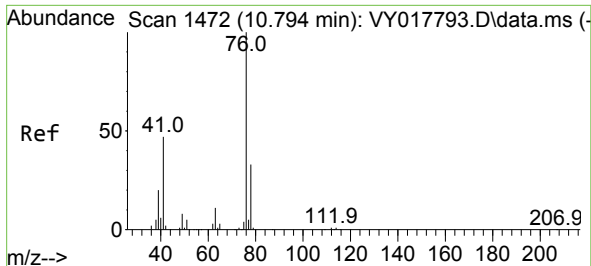
Ion Ratio Lower Upper

69 100

41 54.1 42.3 63.5

39 36.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 71.389 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

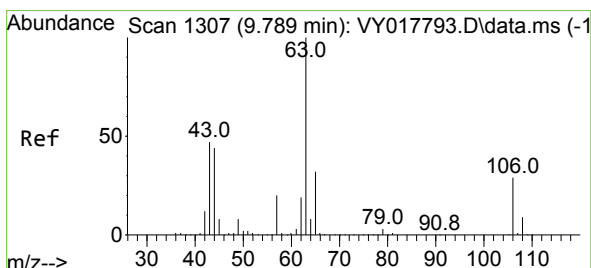
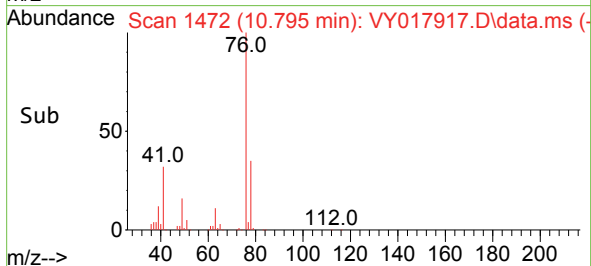
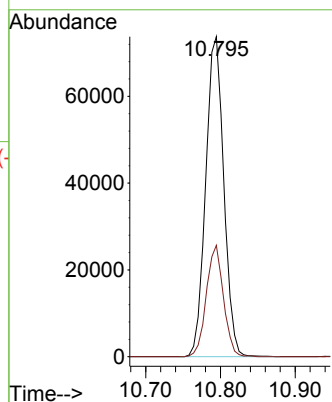
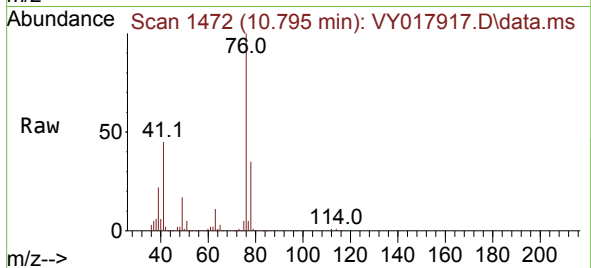
VSTDCCC050EC

Tgt Ion: 76 Resp: 123728

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 291.484 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017917.D

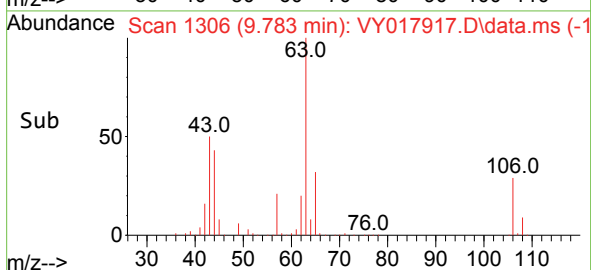
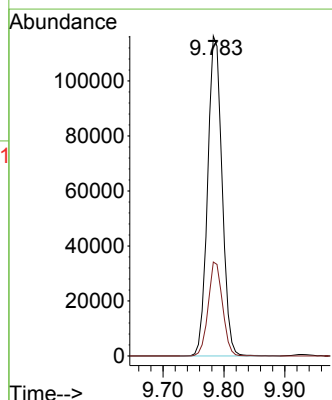
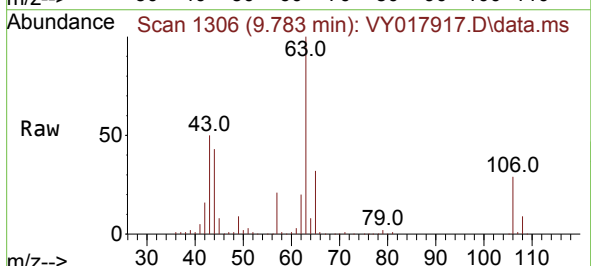
Acq: 11 Apr 2024 17:35

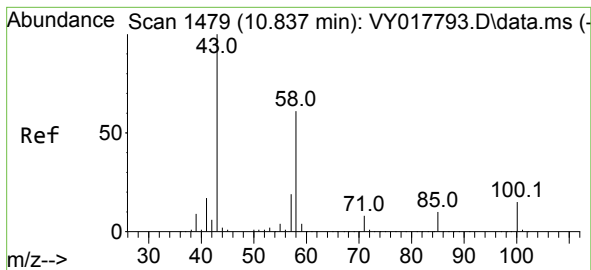
Tgt Ion: 63 Resp: 191309

Ion Ratio Lower Upper

63 100

106 29.2 23.7 35.5

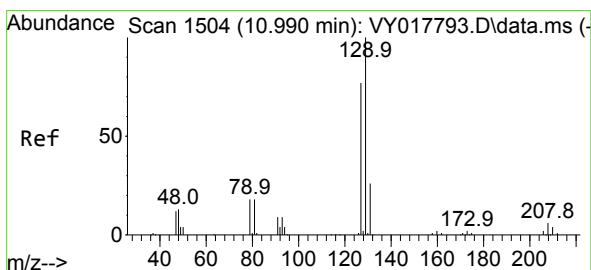
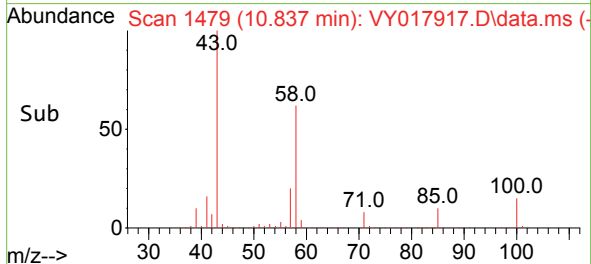
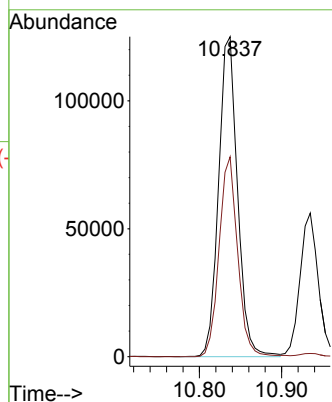
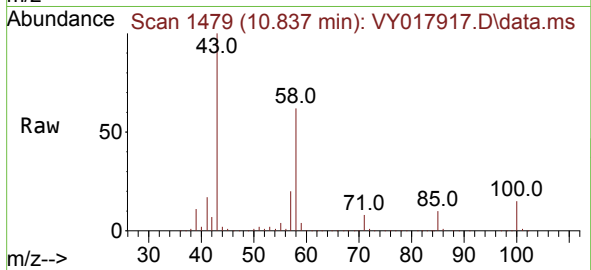




#59
2-Hexanone
Concen: 357.581 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

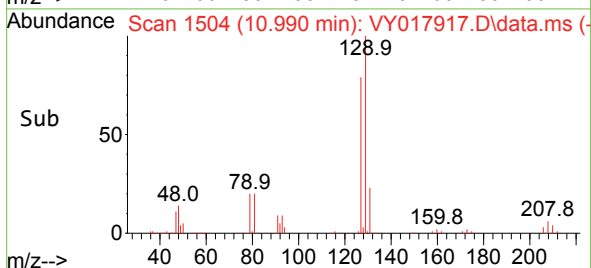
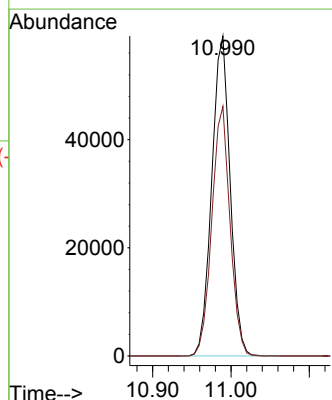
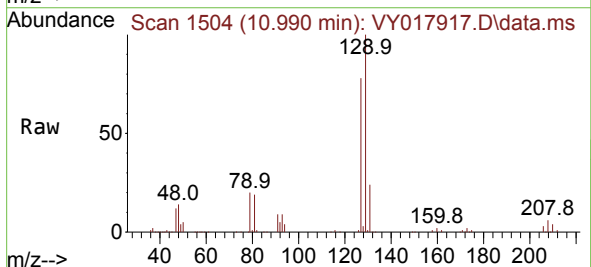
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

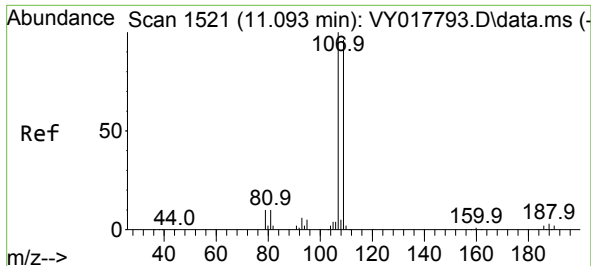
Tgt Ion: 43 Resp: 200322
Ion Ratio Lower Upper
43 100
58 61.2 31.4 94.0



#60
Dibromochloromethane
Concen: 74.552 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 129 Resp: 96355
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

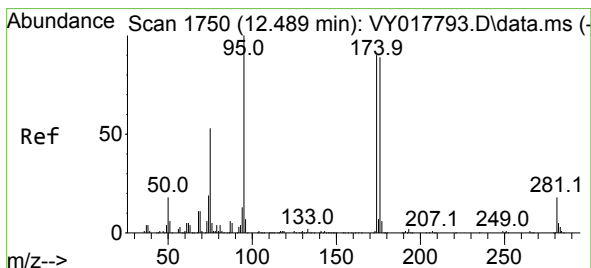
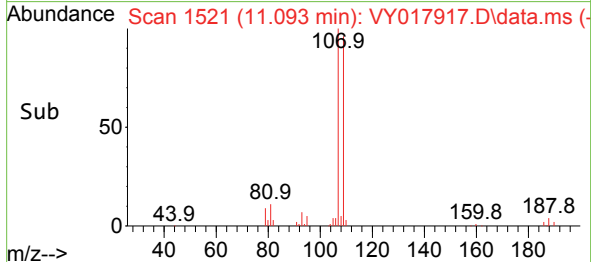
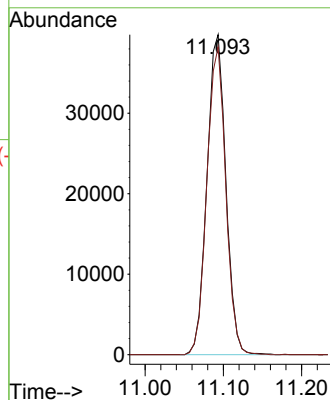
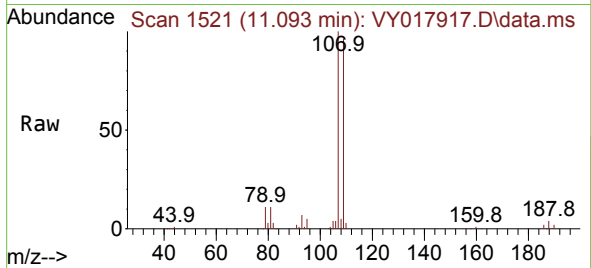




#61
1,2-Dibromoethane
Concen: 71.326 ug/l
RT: 11.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

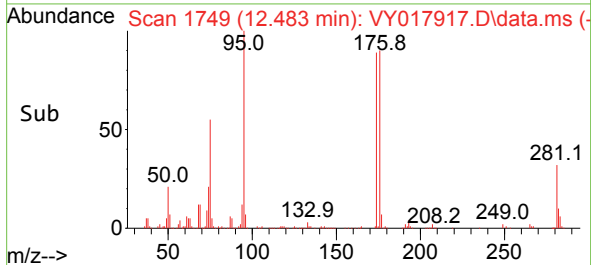
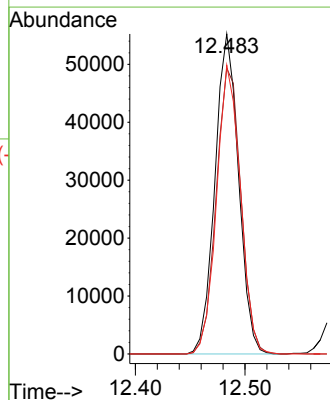
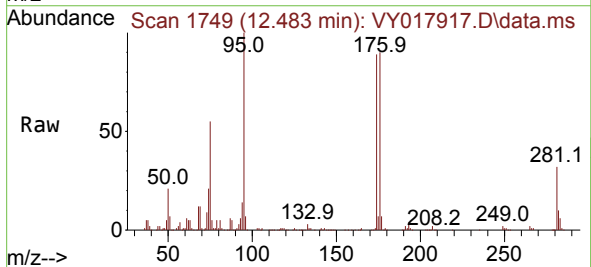
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

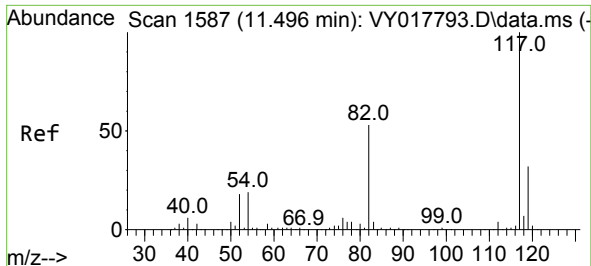
Tgt Ion:107 Resp: 66647
Ion Ratio Lower Upper
107 100
109 95.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 56.277 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 95 Resp: 82860
Ion Ratio Lower Upper
95 100
174 93.3 0.0 175.6
176 90.7 0.0 171.4

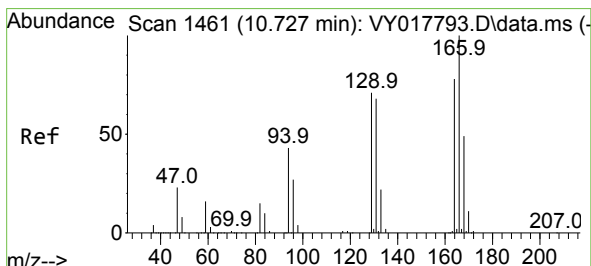
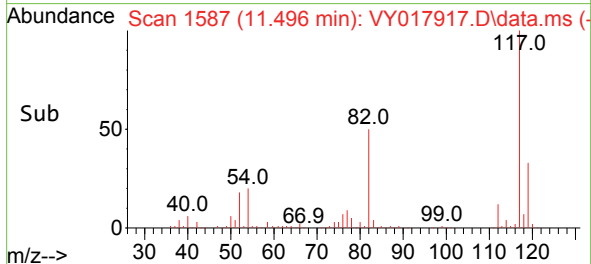
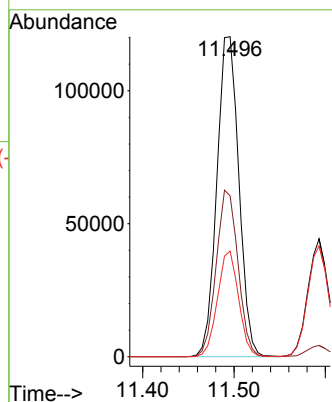
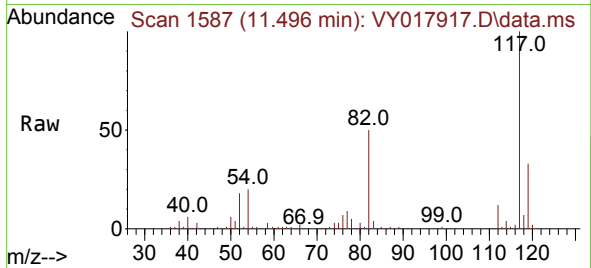




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

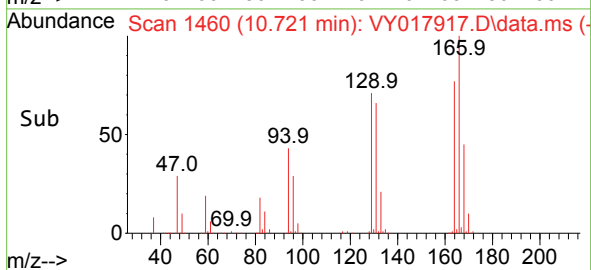
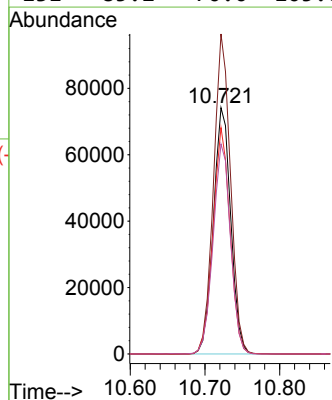
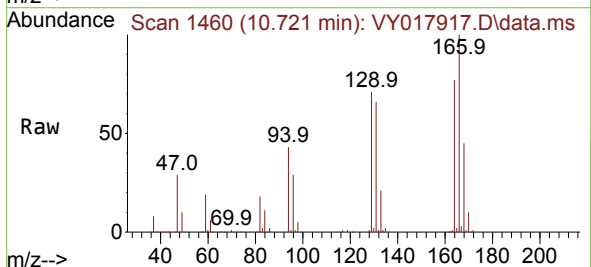
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

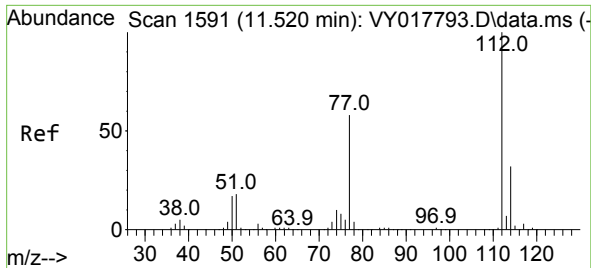
Tgt Ion:117 Resp: 201521
Ion Ratio Lower Upper
117 100
82 50.2 42.4 63.6
119 33.0 25.9 38.9



#64
Tetrachloroethene
Concen: 68.527 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion:164 Resp: 120449
Ion Ratio Lower Upper
164 100
166 129.9 102.6 154.0
129 91.9 72.0 108.0
131 85.2 70.0 105.0

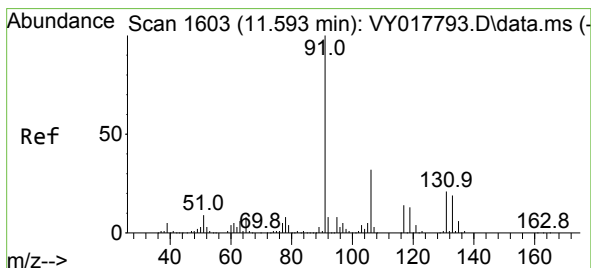
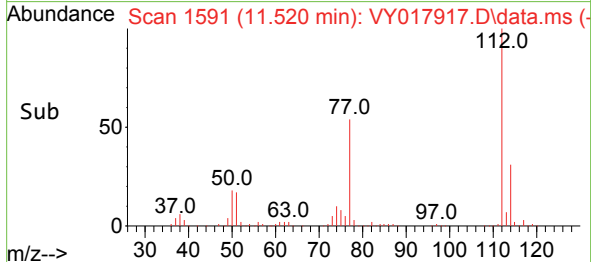
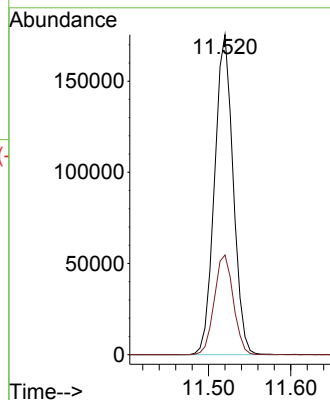
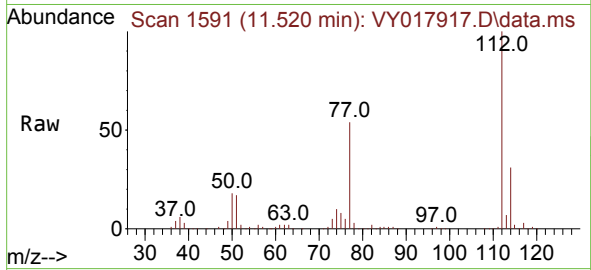




#65
Chlorobenzene
Concen: 66.703 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

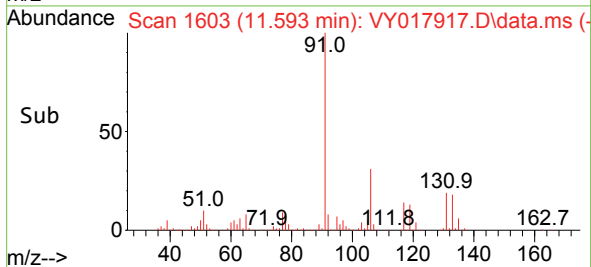
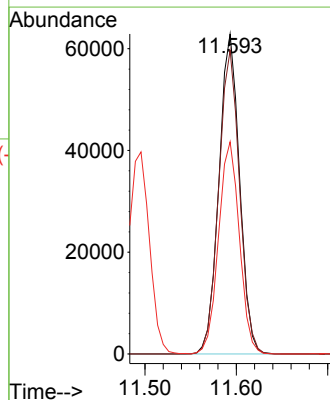
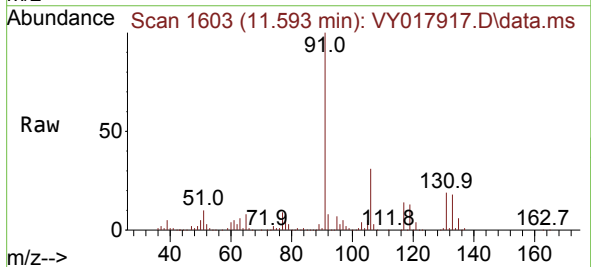
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

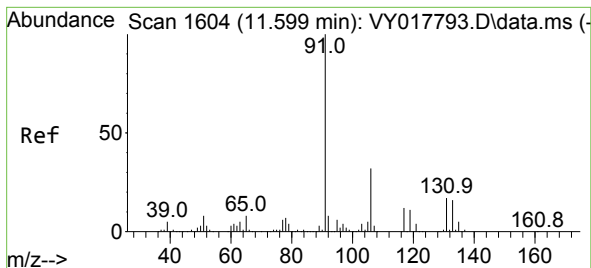
Tgt Ion:112 Resp: 275741
Ion Ratio Lower Upper
112 100
114 31.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 70.281 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion:131 Resp: 98649
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.3
119 67.0 34.1 102.2





#67

Ethyl Benzene

Concen: 69.708 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

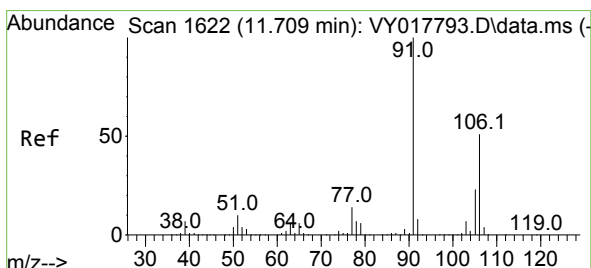
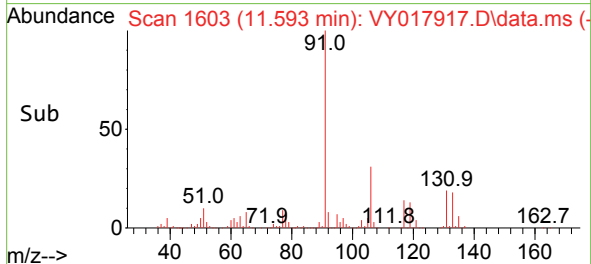
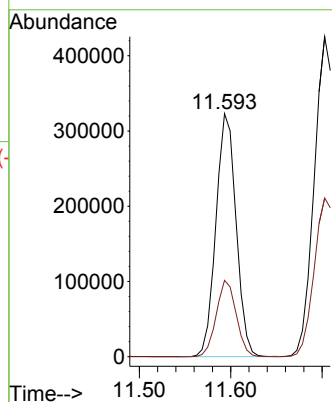
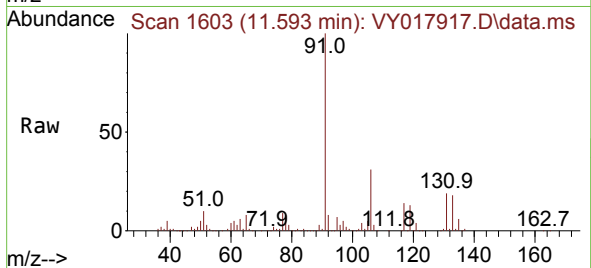
VSTDCCC050EC

Tgt Ion: 91 Resp: 495370

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 139.921 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017917.D

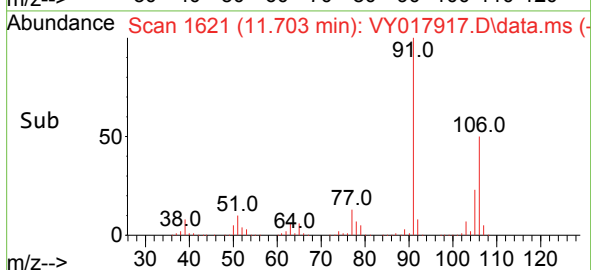
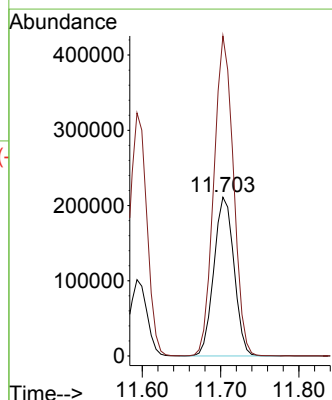
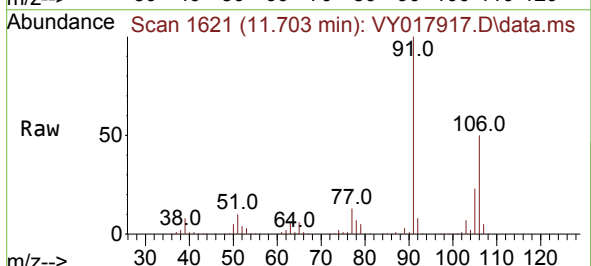
Acq: 11 Apr 2024 17:35

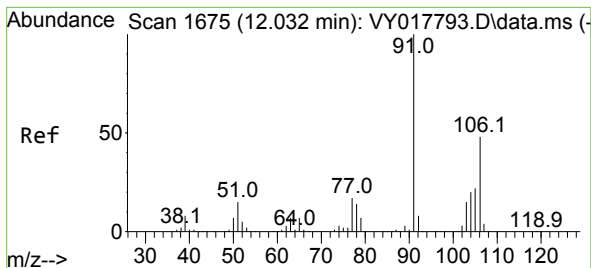
Tgt Ion:106 Resp: 377095

Ion Ratio Lower Upper

106 100

91 196.4 156.0 234.0





#69

o-Xylene

Concen: 72.671 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

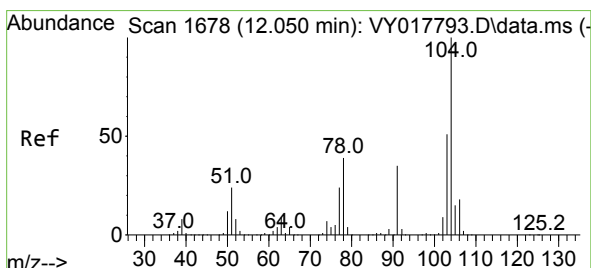
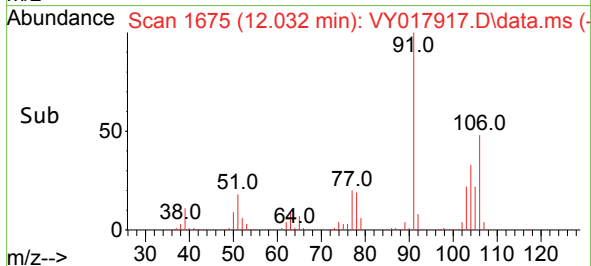
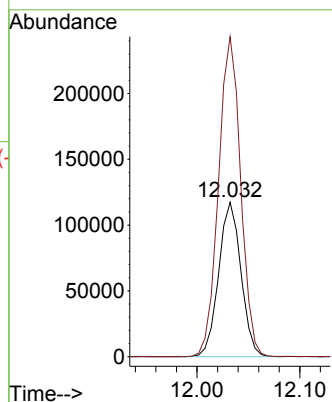
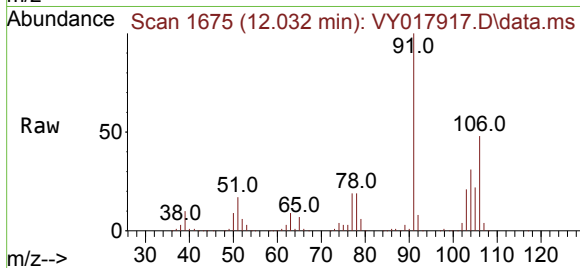
VSTDCCC050EC

Tgt Ion:106 Resp: 176516

Ion Ratio Lower Upper

106 100

91 206.0 103.6 310.8



#70

Styrene

Concen: 73.326 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

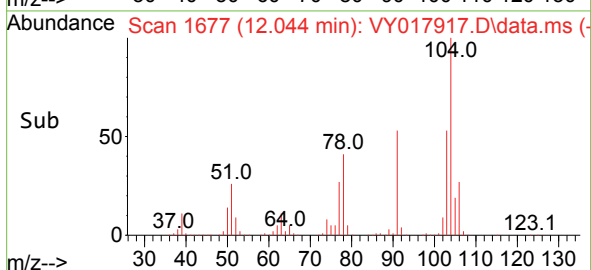
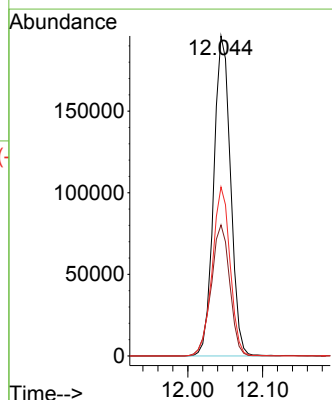
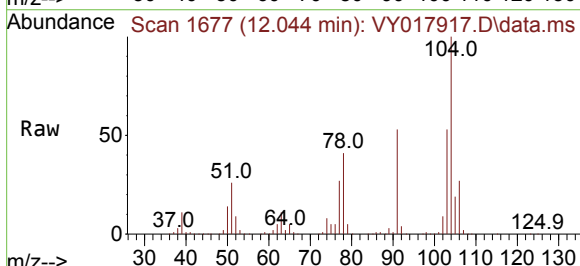
Tgt Ion:104 Resp: 307624

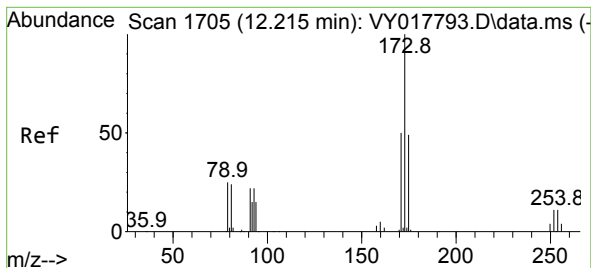
Ion Ratio Lower Upper

104 100

78 45.2 37.0 55.4

103 55.7 44.2 66.2





#71

Bromoform

Concen: 70.620 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

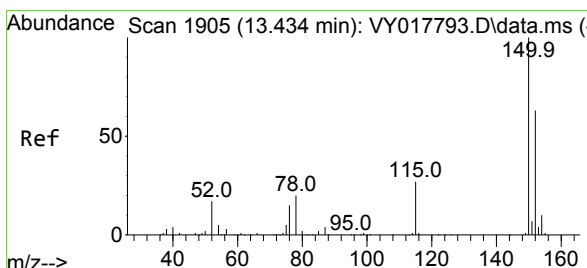
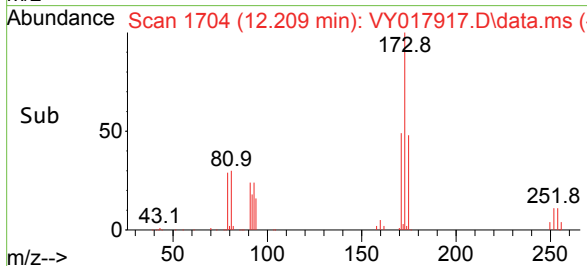
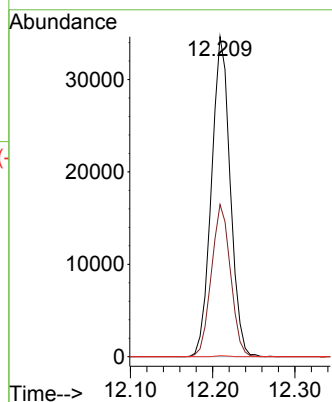
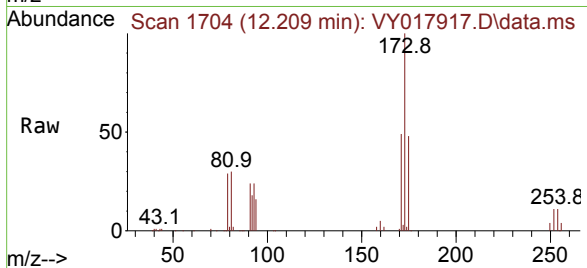
Tgt Ion:173 Resp: 54946

Ion Ratio Lower Upper

173 100

175 48.3 25.1 75.3

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

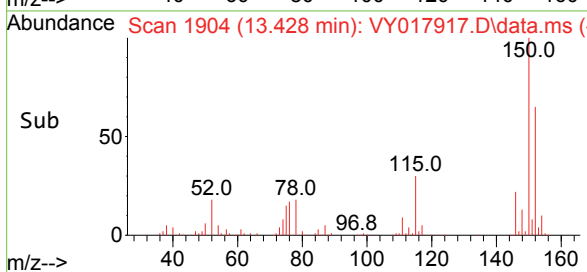
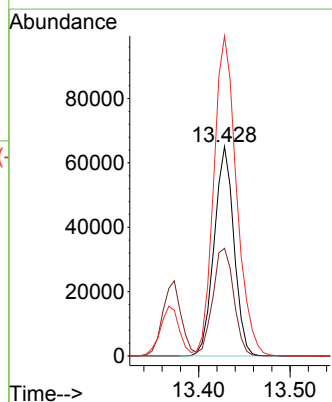
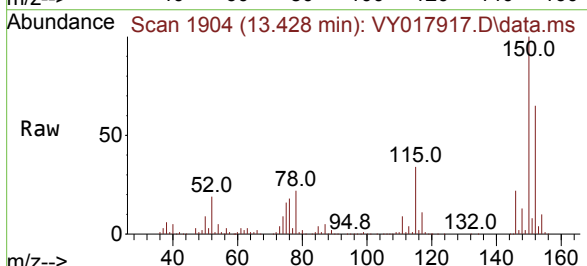
Tgt Ion:152 Resp: 97776

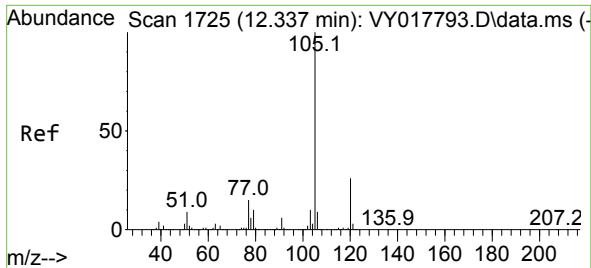
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 176.1 0.0 345.6

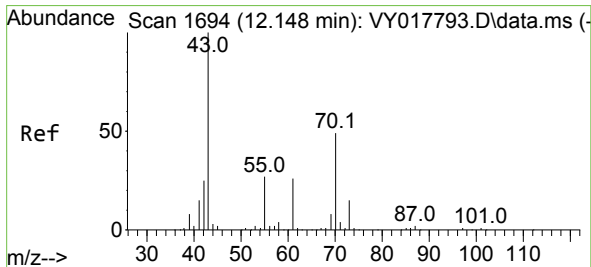
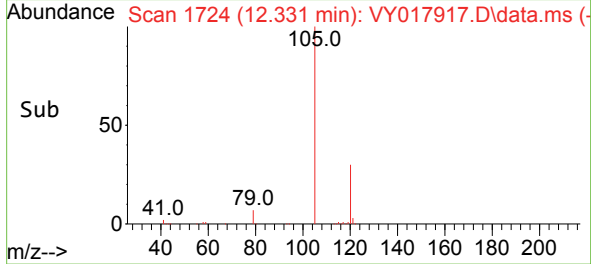
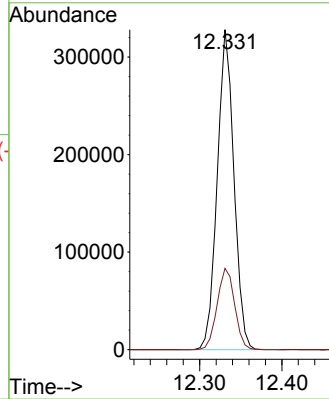
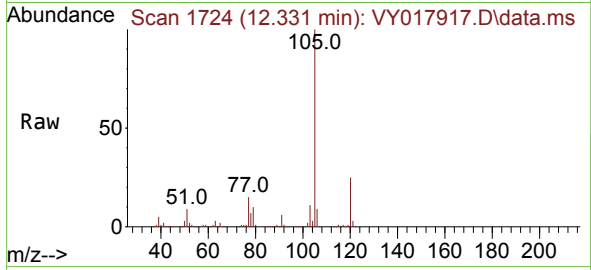




#73
Isopropylbenzene
Concen: 67.423 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

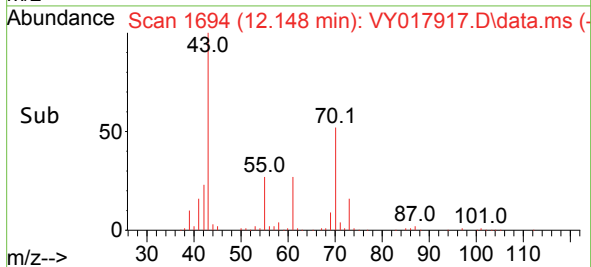
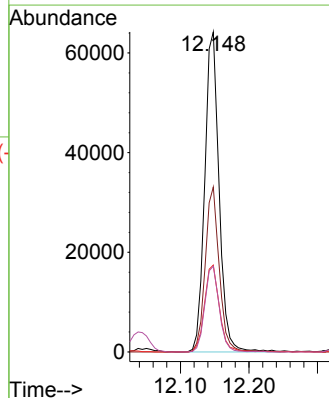
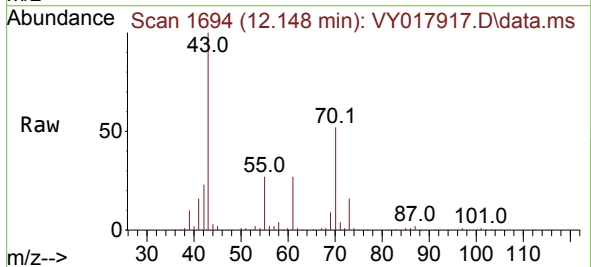
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

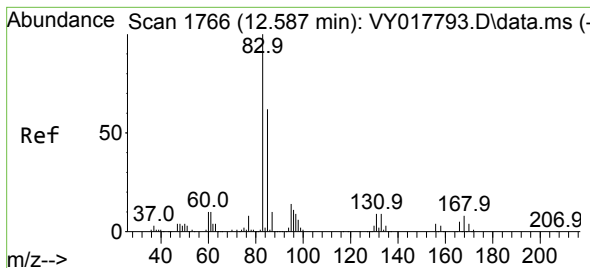
Tgt Ion:105 Resp: 461992
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 67.932 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 43 Resp: 93850
Ion Ratio Lower Upper
43 100
70 50.4 41.4 62.2
55 28.3 23.3 34.9
61 26.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 65.994 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

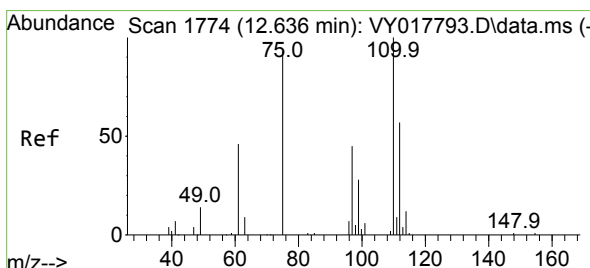
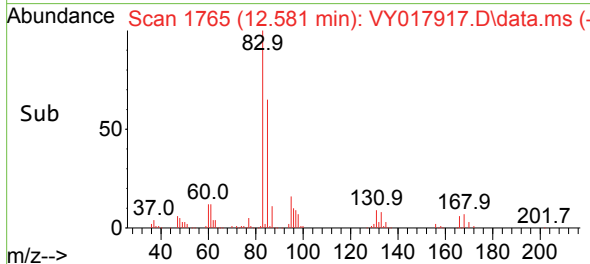
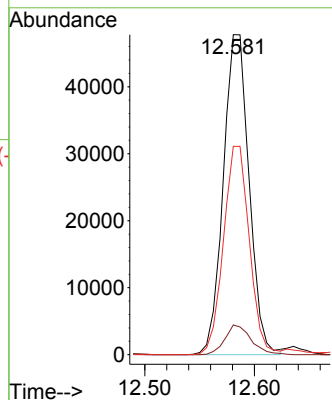
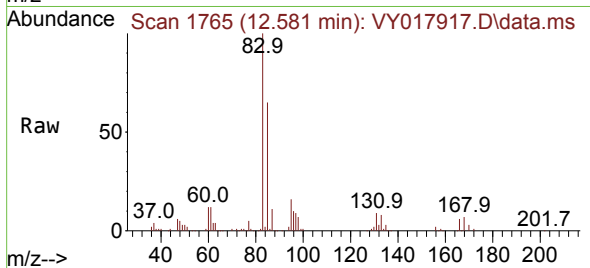
Tgt Ion: 83 Resp: 78223

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 65.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 118.825 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017917.D

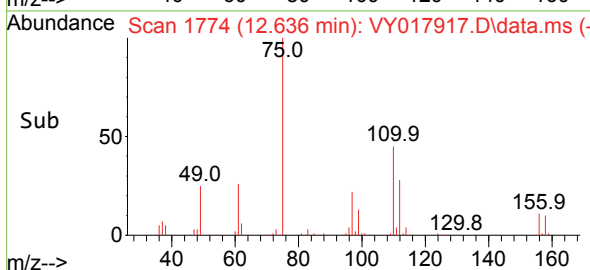
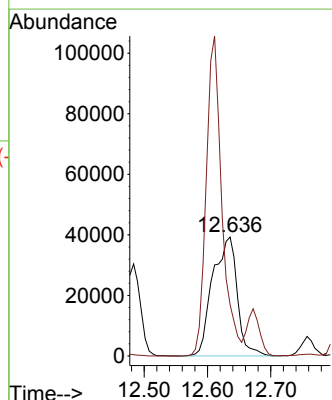
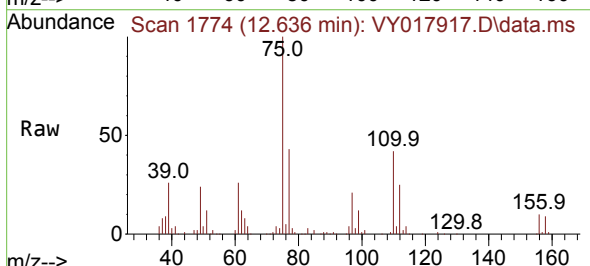
Acq: 11 Apr 2024 17:35

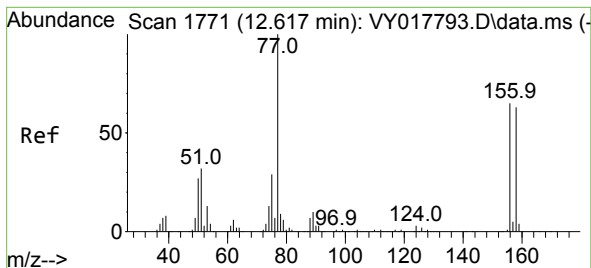
Tgt Ion: 75 Resp: 105872

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 65.138 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

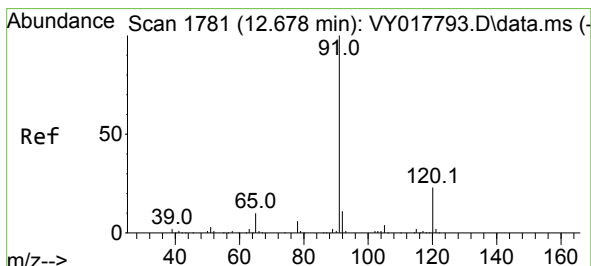
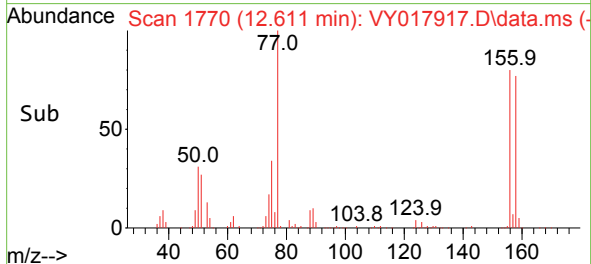
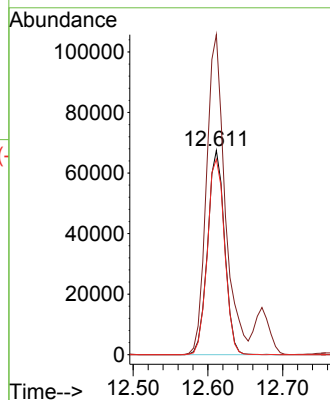
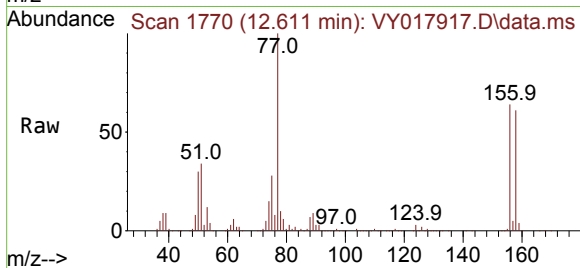
Tgt Ion:156 Resp: 106301

Ion Ratio Lower Upper

156 100

77 171.9 87.1 261.3

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 65.942 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY017917.D

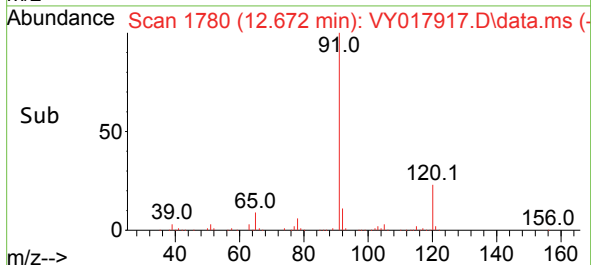
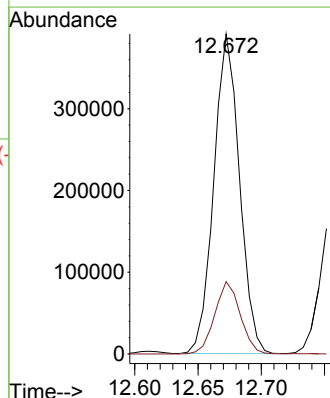
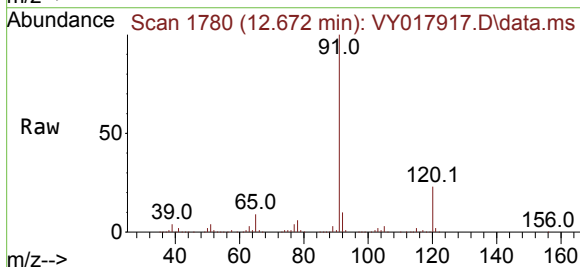
Acq: 11 Apr 2024 17:35

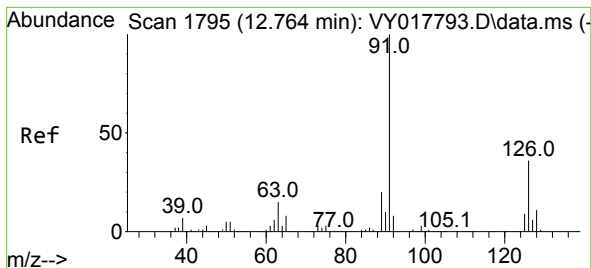
Tgt Ion: 91 Resp: 551339

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4

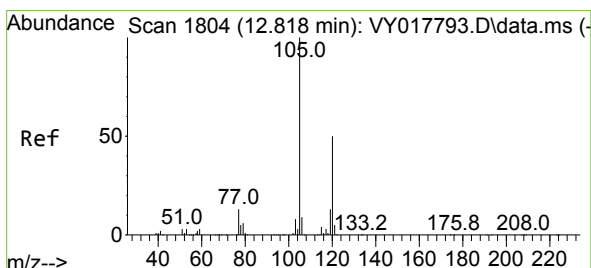
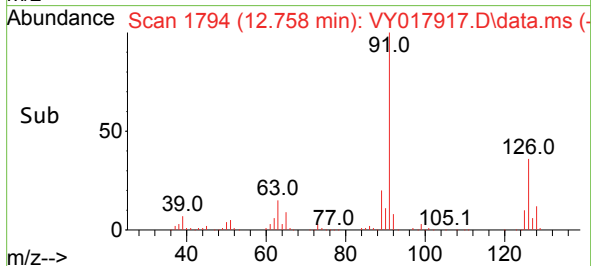
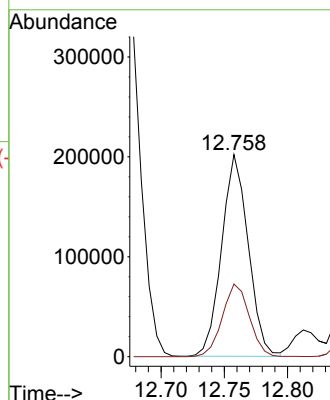
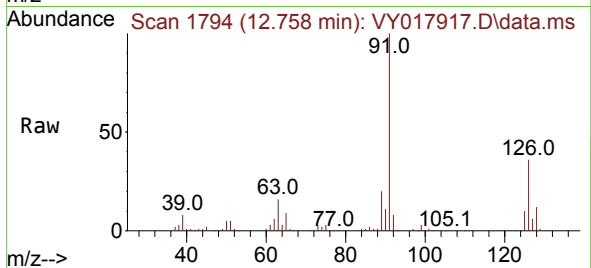




#79
2-Chlorotoluene
Concen: 64.621 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

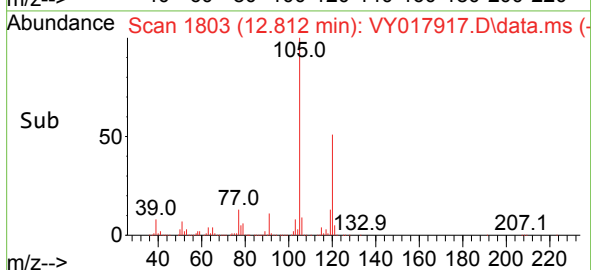
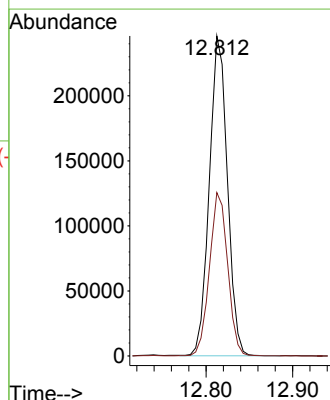
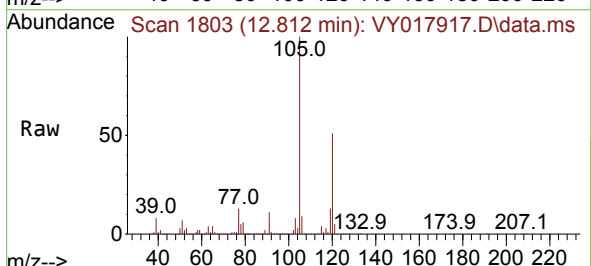
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

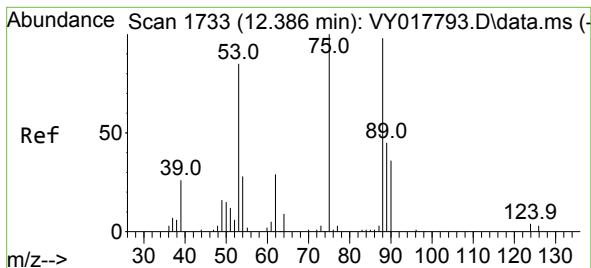
Tgt Ion: 91 Resp: 295948
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 66.637 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 105 Resp: 356345
Ion Ratio Lower Upper
105 100
120 51.5 25.1 75.2

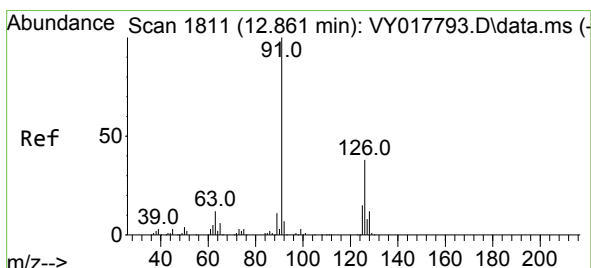
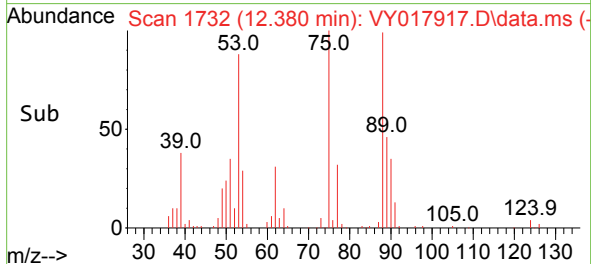
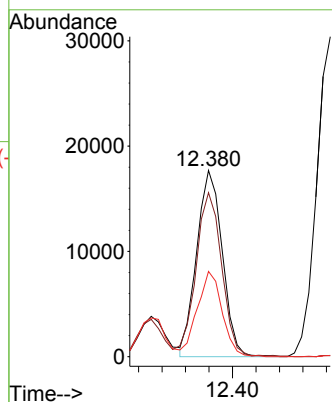
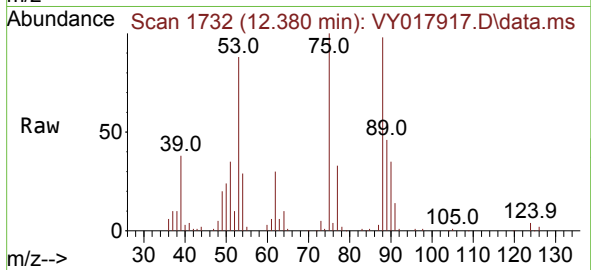




#81
trans-1,4-Dichloro-2-butene
Concen: 66.489 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

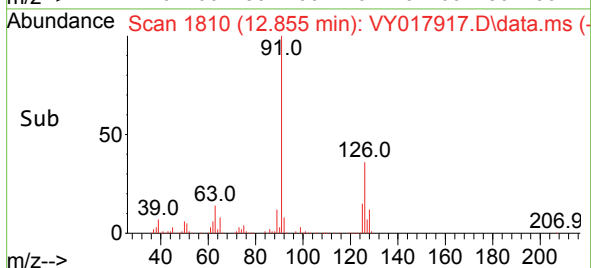
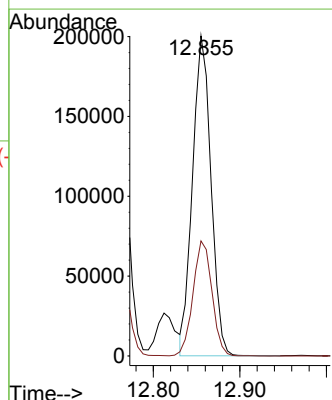
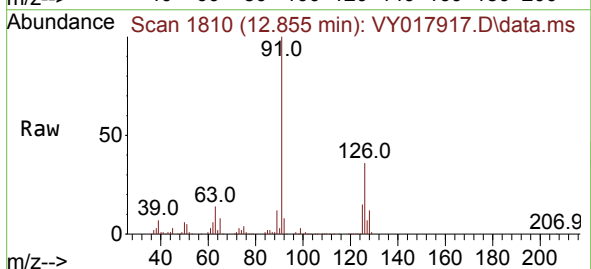
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

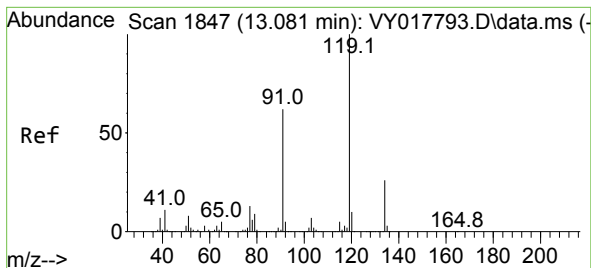
Tgt Ion: 75 Resp: 26825
Ion Ratio Lower Upper
75 100
53 89.2 66.8 100.2
89 44.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 62.513 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion: 91 Resp: 296446
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 68.119 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

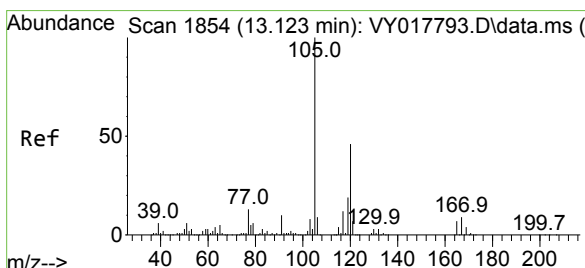
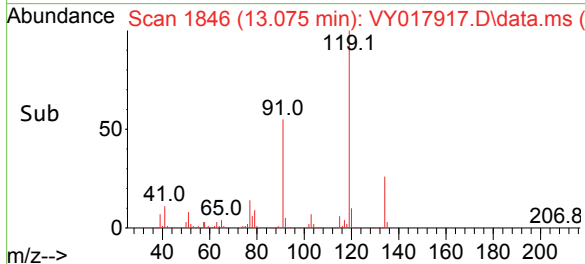
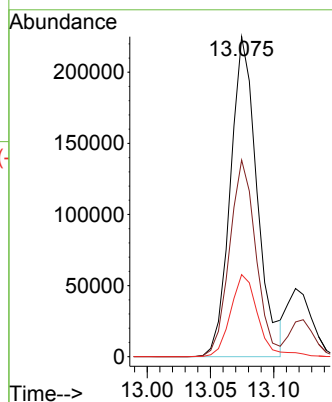
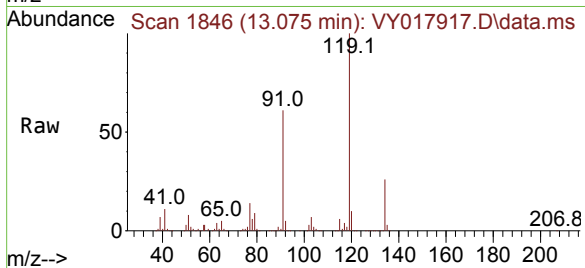
Tgt Ion:119 Resp: 331184

Ion Ratio Lower Upper

119 100

91 60.8 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 68.565 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017917.D

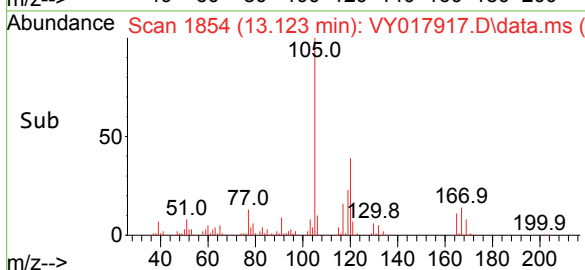
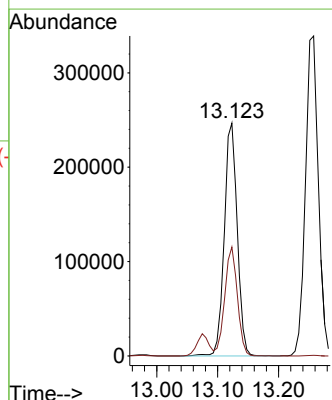
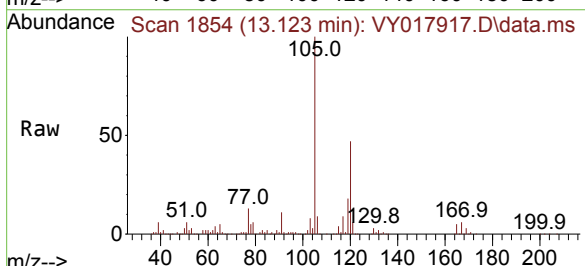
Acq: 11 Apr 2024 17:35

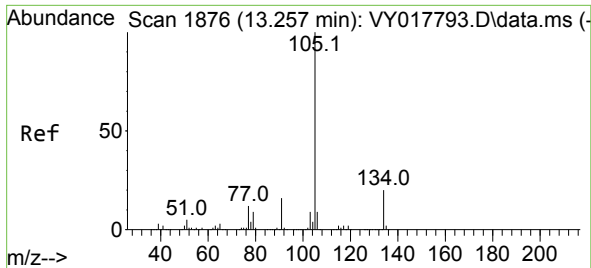
Tgt Ion:105 Resp: 365172

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.6

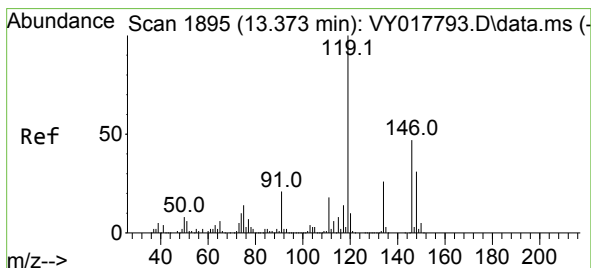
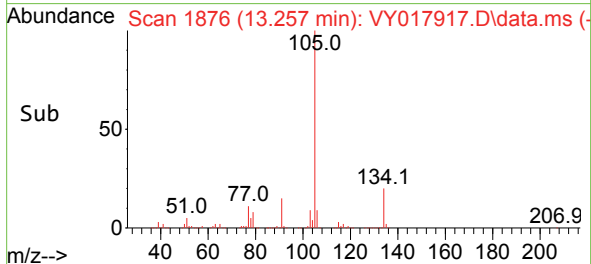
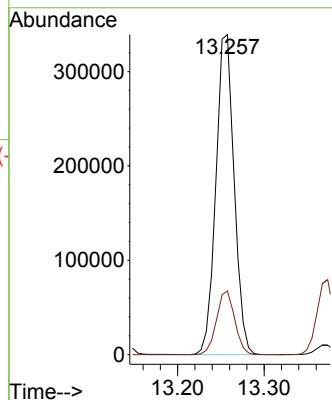
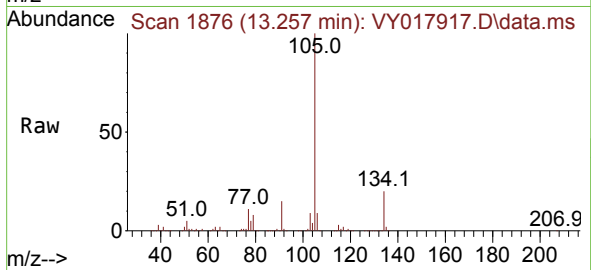




#85
 sec-Butylbenzene
 Concen: 68.144 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY017917.D
 Acq: 11 Apr 2024 17:35

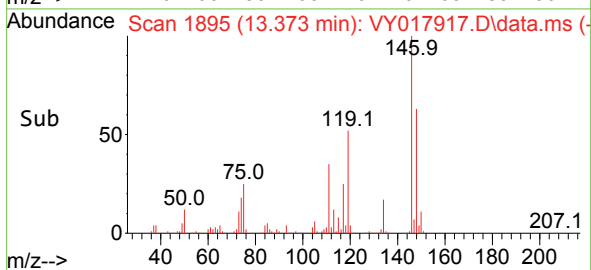
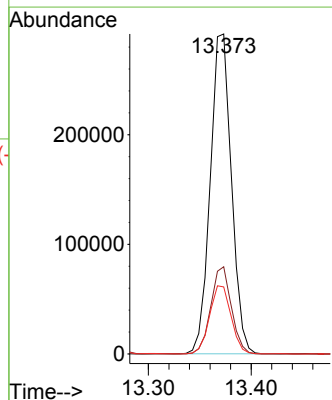
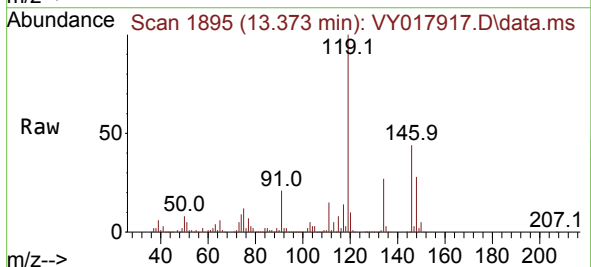
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

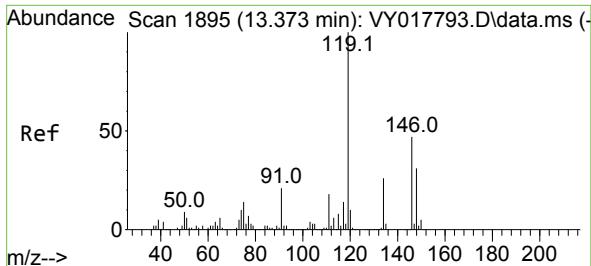
Tgt Ion:105 Resp: 497262
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 68.607 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017917.D
 Acq: 11 Apr 2024 17:35

Tgt Ion:119 Resp: 418469
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 21.6 10.7 32.1

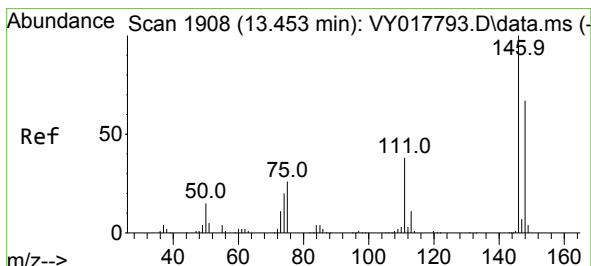
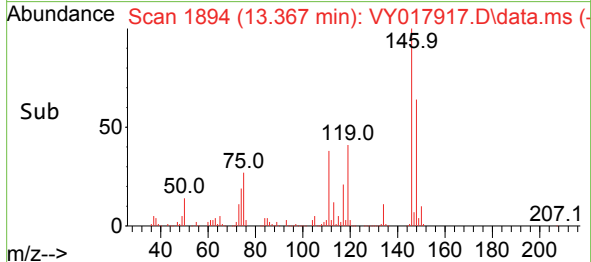
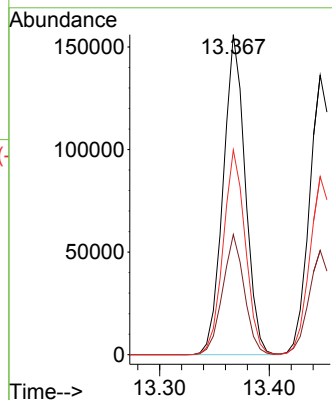
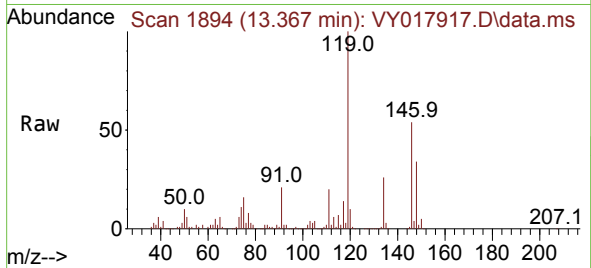




#87
1,3-Dichlorobenzene
Concen: 67.330 ug/l
RT: 13.367 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

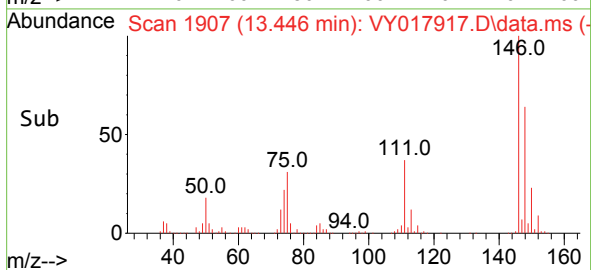
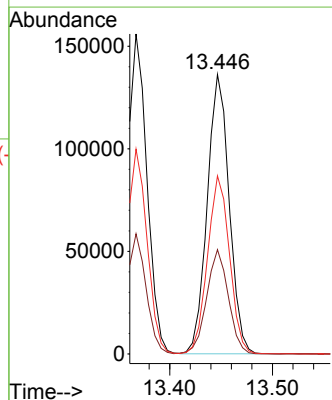
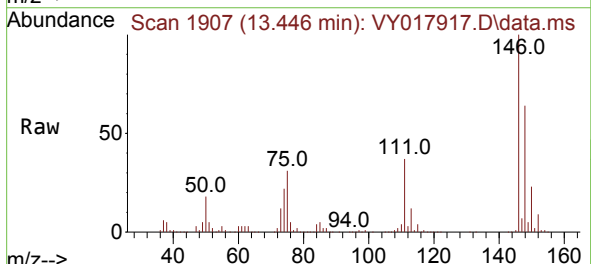
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

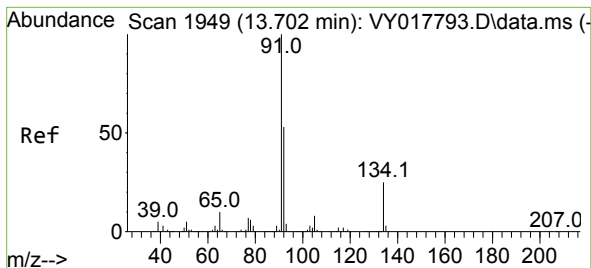
Tgt Ion:146 Resp: 218029
Ion Ratio Lower Upper
146 100
111 37.0 19.0 57.0
148 64.2 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 65.290 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY017917.D
Acq: 11 Apr 2024 17:35

Tgt Ion:146 Resp: 202365
Ion Ratio Lower Upper
146 100
111 37.1 18.4 55.4
148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 67.899 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

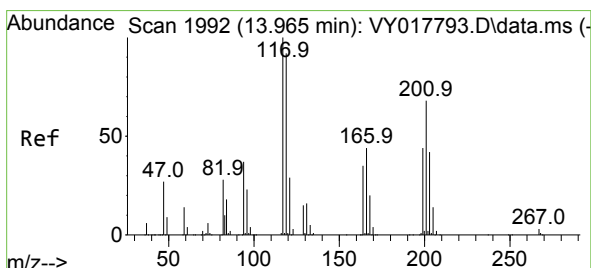
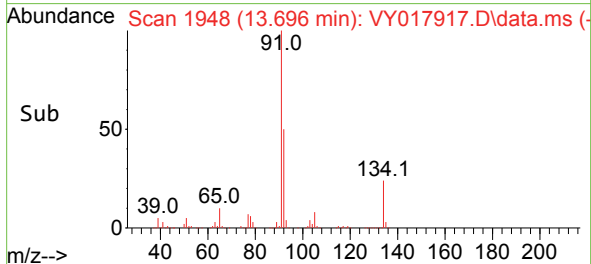
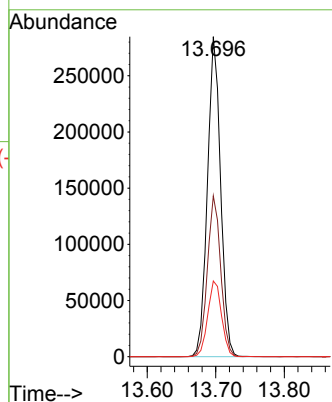
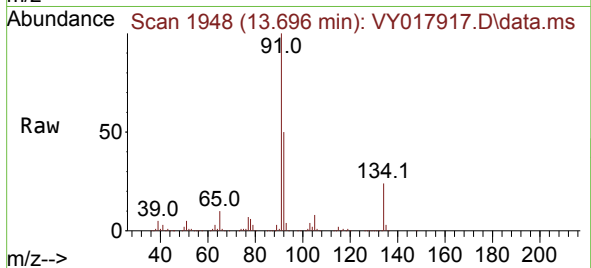
Tgt Ion: 91 Resp: 381032

Ion Ratio Lower Upper

91 100

92 51.1 26.6 79.7

134 24.8 12.9 38.7



#90

Hexachloroethane

Concen: 66.403 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY017917.D

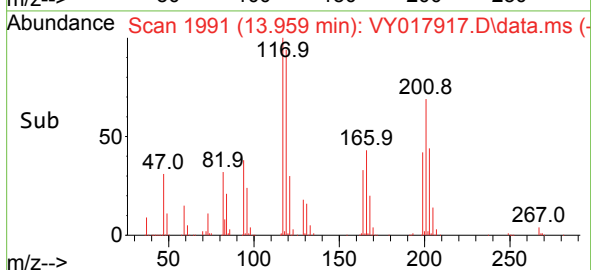
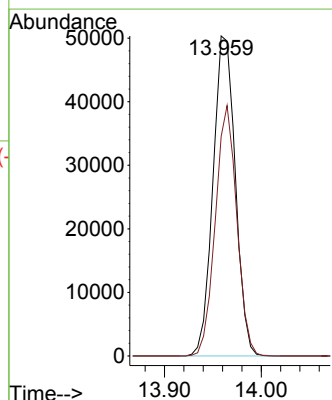
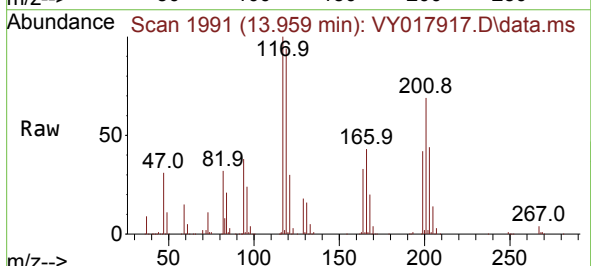
Acq: 11 Apr 2024 17:35

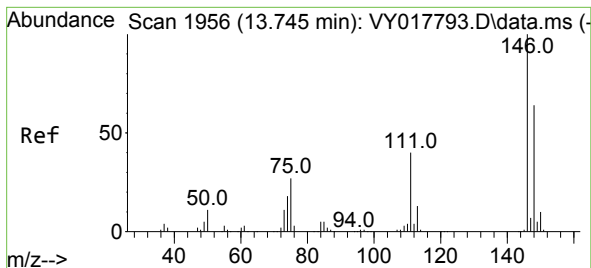
Tgt Ion: 117 Resp: 80538

Ion Ratio Lower Upper

117 100

201 75.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 67.268 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

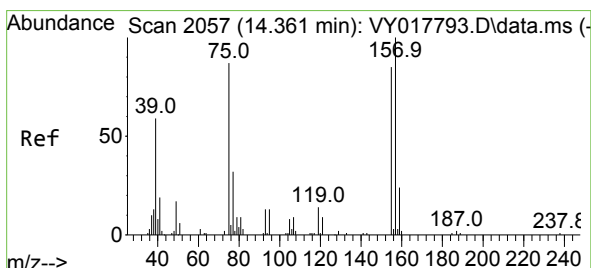
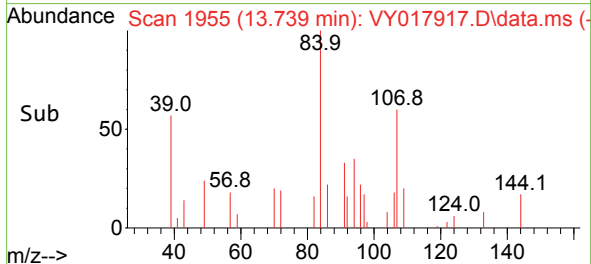
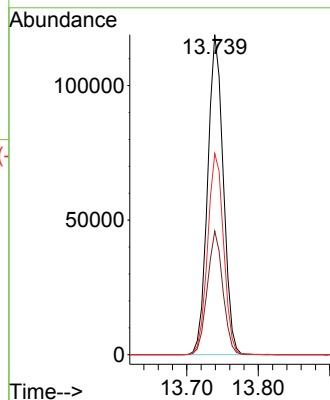
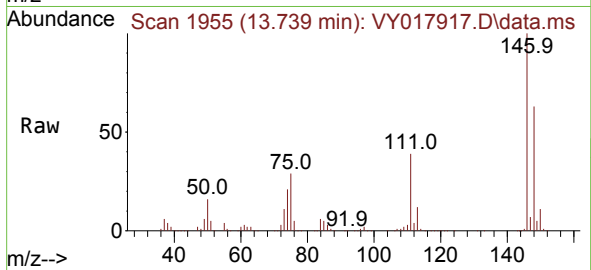
Tgt Ion:146 Resp: 180560

Ion Ratio Lower Upper

146 100

111 38.4 19.9 59.7

148 64.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 63.051 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

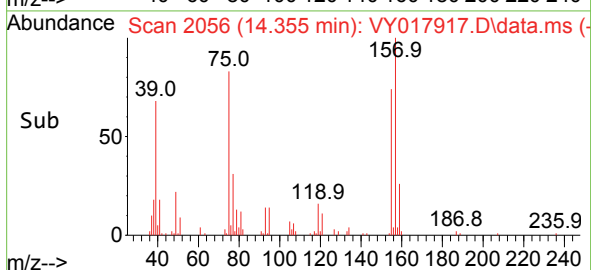
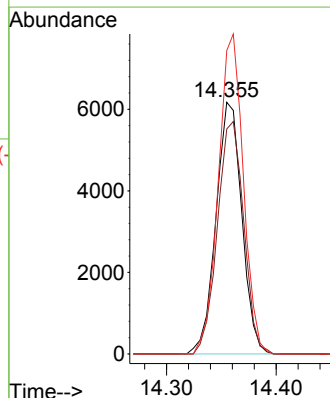
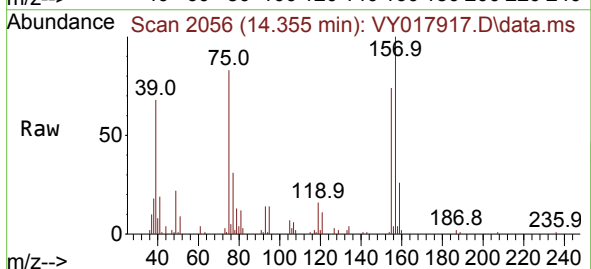
Tgt Ion: 75 Resp: 10099

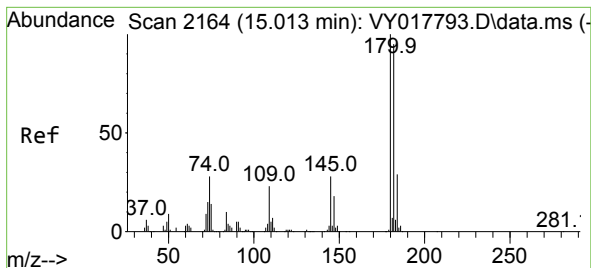
Ion Ratio Lower Upper

75 100

155 94.0 48.6 145.8

157 122.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 66.011 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

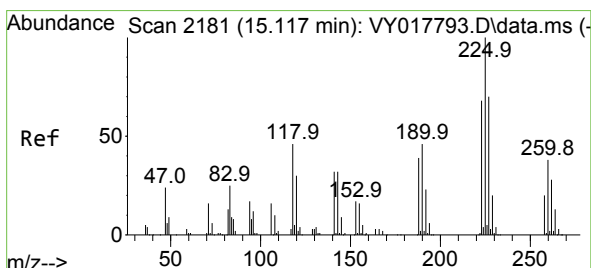
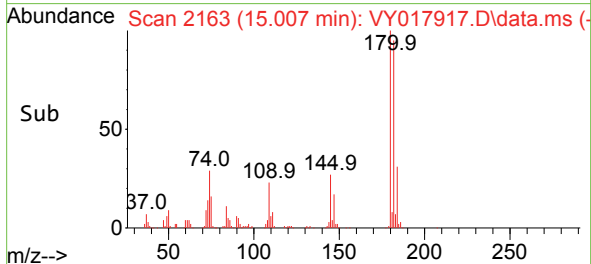
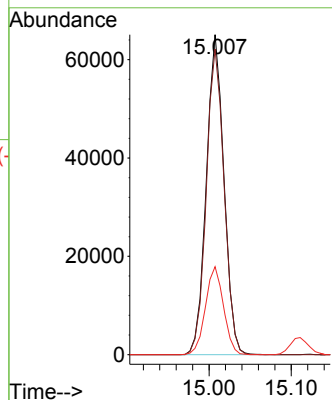
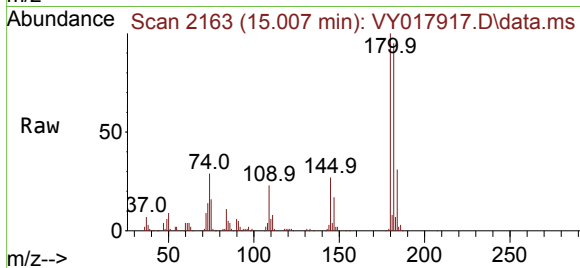
Tgt Ion:180 Resp: 97050

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.8

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 62.009 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

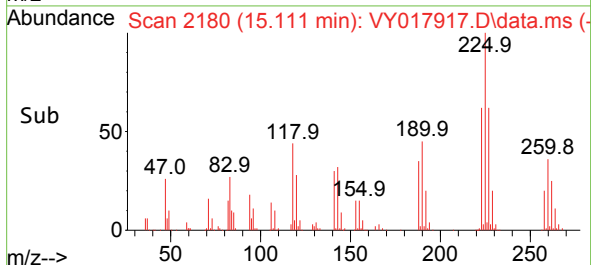
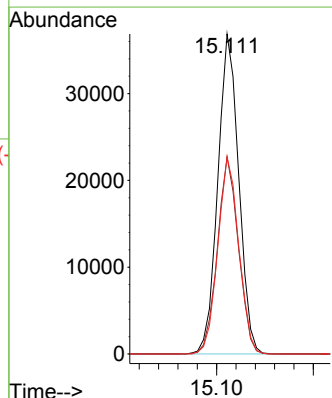
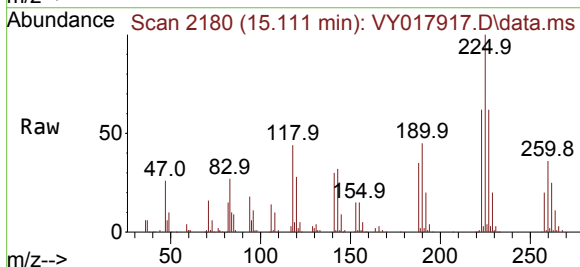
Tgt Ion:225 Resp: 55266

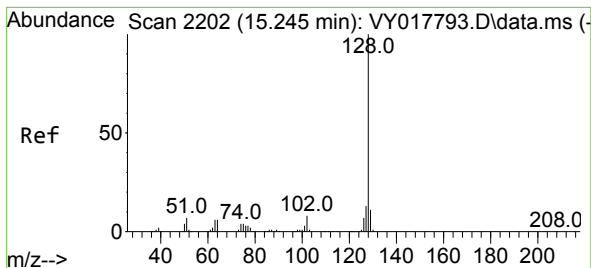
Ion Ratio Lower Upper

225 100

223 61.8 30.4 91.2

227 61.7 31.9 95.9





#95

Naphthalene

Concen: 67.896 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

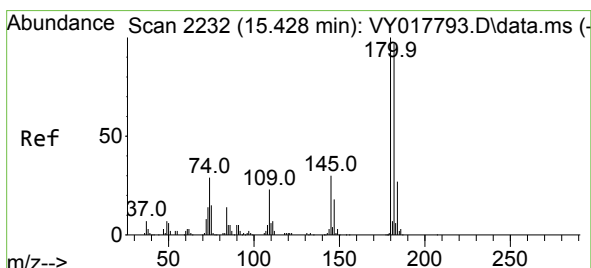
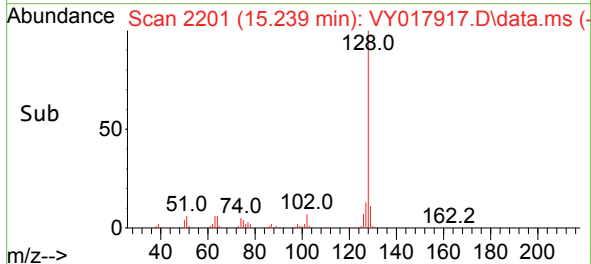
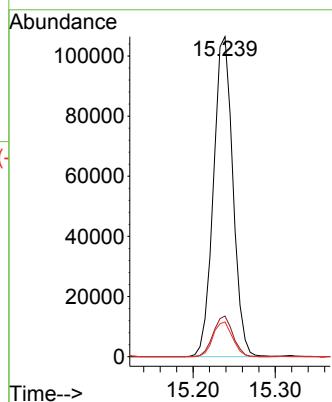
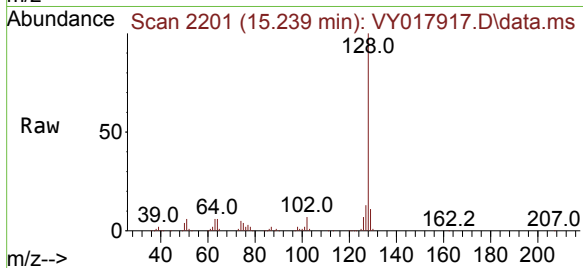
Tgt Ion:128 Resp: 174702

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 67.257 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY017917.D

Acq: 11 Apr 2024 17:35

Tgt Ion:180 Resp: 83526

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 28.9 15.4 46.1

