

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017821.D
 Acq On : 02 Apr 2024 17:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 03 02:05:11 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	7.795	168	187408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	272401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	126706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76034	46.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.780%
35) Dibromofluoromethane	7.722	113	79951	44.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.580%
50) Toluene-d8	10.185	98	309288	45.865	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.740%
62) 4-Bromofluorobenzene	12.489	95	90762	44.238	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57866	46.170	ug/l	100
3) Chloromethane	2.113	50	136404	55.763	ug/l	99
4) Vinyl Chloride	2.253	62	169749	53.099	ug/l	99
5) Bromomethane	2.650	94	131033	50.693	ug/l	98
6) Chloroethane	2.796	64	110676	53.062	ug/l	99
7) Trichlorofluoromethane	3.131	101	146386	46.956	ug/l	96
8) Diethyl Ether	3.527	74	40688	44.431	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	84011	44.935	ug/l	98
10) Methyl Iodide	4.088	142	96202	47.316	ug/l	99
11) Tert butyl alcohol	4.960	59	23638	195.224	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	79552	45.471	ug/l	96
13) Acrolein	3.729	56	21963	193.307	ug/l	100
14) Allyl chloride	4.478	41	100512	46.829	ug/l	96
15) Acrylonitrile	5.161	53	80855	209.166	ug/l	98
16) Acetone	3.948	43	60863	181.561	ug/l	88
17) Carbon Disulfide	4.198	76	231891	46.837	ug/l	99
18) Methyl Acetate	4.472	43	33552	45.188	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	177755	44.374	ug/l	99
20) Methylene Chloride	4.716	84	88343	42.614	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	88515	47.280	ug/l	97
22) Diisopropyl ether	6.118	45	238904	48.157	ug/l	96
23) Vinyl Acetate	6.064	43	677520	223.684	ug/l	97
24) 1,1-Dichloroethane	6.021	63	154887	47.040	ug/l	99
25) 2-Butanone	6.990	43	95704	200.408	ug/l	98
26) 2,2-Dichloropropane	6.984	77	118971	41.834	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	99589	45.011	ug/l	95
28) Bromochloromethane	7.338	49	72253	53.960	ug/l	88
29) Tetrahydrofuran	7.350	42	63138	220.345	ug/l	94
30) Chloroform	7.508	83	158002	46.249	ug/l	99
31) Cyclohexane	7.795	56	124201	43.474	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	134017	46.090	ug/l	97
36) 1,1-Dichloropropene	7.923	75	111864	42.470	ug/l	97
37) Ethyl Acetate	7.076	43	46614	41.009	ug/l	98
38) Carbon Tetrachloride	7.905	117	115370	42.192	ug/l	99
39) Methylcyclohexane	9.191	83	137011	41.643	ug/l	95
40) Benzene	8.167	78	352701	43.450	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	27393m	43.254	ug/l	
42) 1,2-Dichloroethane	8.240	62	82822	41.453	ug/l	97
43) Isopropyl Acetate	8.277	43	85723	41.556	ug/l	96
44) Trichloroethene	8.947	130	87251	41.313	ug/l	96
45) 1,2-Dichloropropane	9.222	63	81700	43.314	ug/l	98
46) Dibromomethane	9.313	93	43527	40.617	ug/l	98
47) Bromodichloromethane	9.502	83	115997	42.839	ug/l	99
48) Methyl methacrylate	9.301	41	38998	45.274	ug/l	96
49) 1,4-Dioxane	9.307	88	10011	832.151	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	239948	236.978	ug/l	98
52) Toluene	10.252	92	211412	42.937	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	98969	41.164	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	122677	41.808	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	59400	41.599	ug/l	95
56) Ethyl methacrylate	10.520	69	78819	45.716	ug/l	94
57) 1,3-Dichloropropane	10.801	76	102708	42.528	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	257226	283.089	ug/l	97
59) 2-Hexanone	10.837	43	160398	224.679	ug/l	97
60) Dibromochloromethane	10.990	129	77954	43.284	ug/l	98
61) 1,2-Dibromoethane	11.099	107	54753	42.051	ug/l	98
64) Tetrachloroethene	10.727	164	103367	43.507	ug/l	98
65) Chlorobenzene	11.526	112	229186	41.015	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	78174	41.202	ug/l	99
67) Ethyl Benzene	11.599	91	413060	43.001	ug/l	100
68) m/p-Xylenes	11.709	106	308479	84.678	ug/l	96
69) o-Xylene	12.038	106	145479	48.516	ug/l	97
70) Styrene	12.050	104	253200	48.931	ug/l	99
71) Bromoform	12.215	173	43306	41.177	ug/l #	99
73) Isopropylbenzene	12.337	105	379184	42.703	ug/l	99
74) N-amyl acetate	12.154	43	74655	45.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	62435	40.648	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	53024m	45.923	ug/l	
77) Bromobenzene	12.617	156	87304	41.282	ug/l	98
78) n-propylbenzene	12.678	91	461997	42.640	ug/l	99
79) 2-Chlorotoluene	12.764	91	254931	42.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	292676	42.234	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	21061	43.466	ug/l	95
82) 4-Chlorotoluene	12.861	91	255796	41.625	ug/l	98
83) tert-Butylbenzene	13.081	119	268586	42.630	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	298174	43.203	ug/l	99
85) sec-Butylbenzene	13.264	105	399674	42.266	ug/l	99
86) p-Isopropyltoluene	13.379	119	328837	41.603	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	174298	41.536	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	165930	41.312	ug/l	99
89) n-Butylbenzene	13.709	91	293706	40.388	ug/l	98
90) Hexachloroethane	13.971	117	66511	42.317	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	145280	41.766	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8687	41.852	ug/l	88
93) 1,2,4-Trichlorobenzene	15.019	180	75301	39.523	ug/l	99
94) Hexachlorobutadiene	15.123	225	39394	34.109	ug/l	98
95) Naphthalene	15.245	128	131807	43.604	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	64895	40.324	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

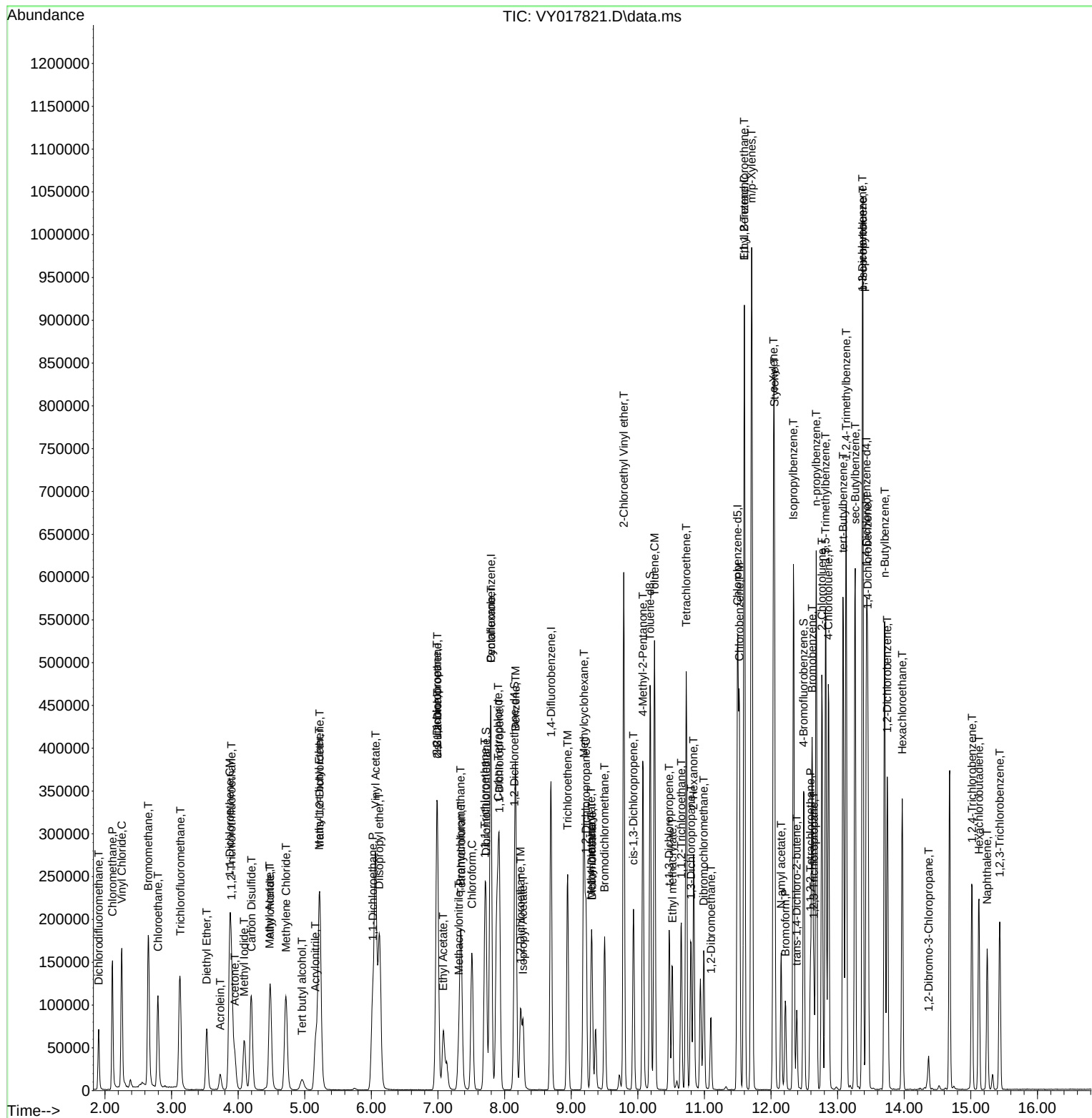
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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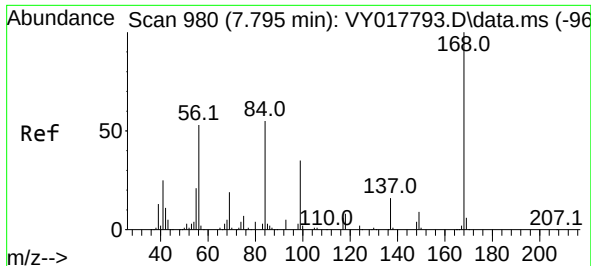
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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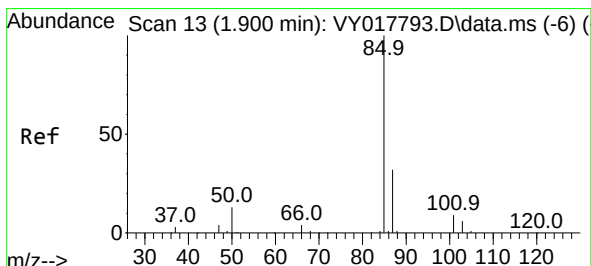
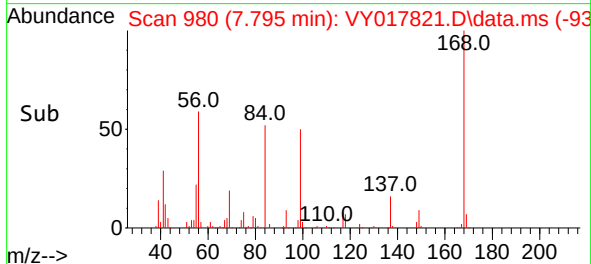
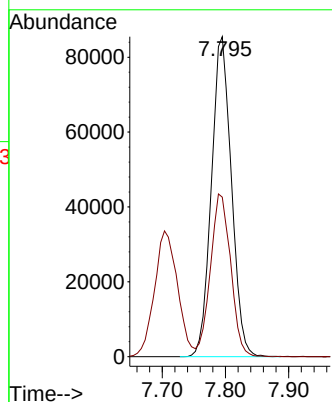
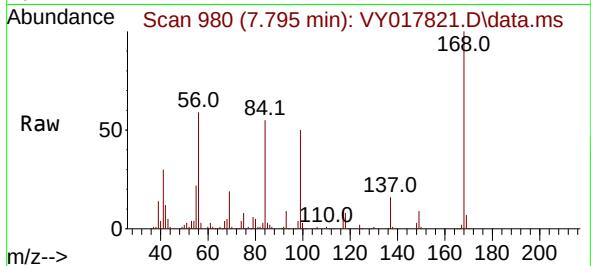




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
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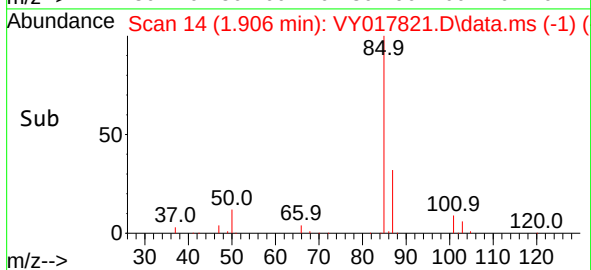
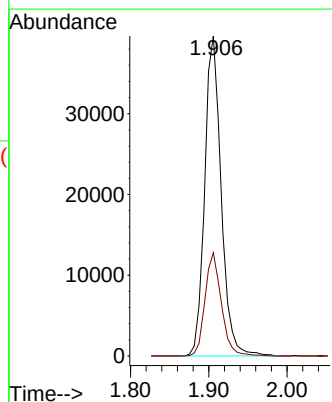
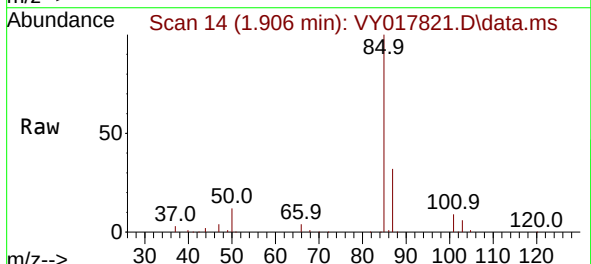
Instrument :
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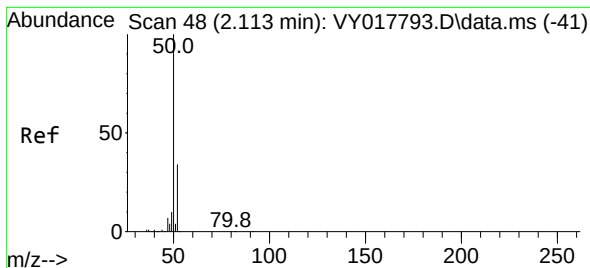
Tgt Ion:168 Resp: 187408
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.170 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 85 Resp: 57866
Ion Ratio Lower Upper
85 100
87 32.3 16.0 48.0

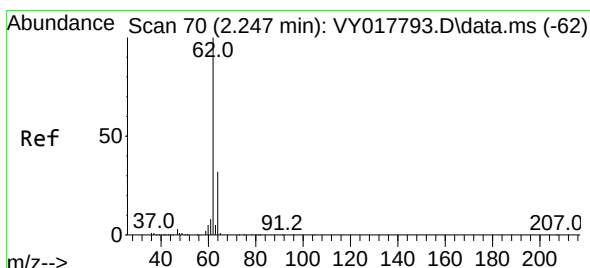
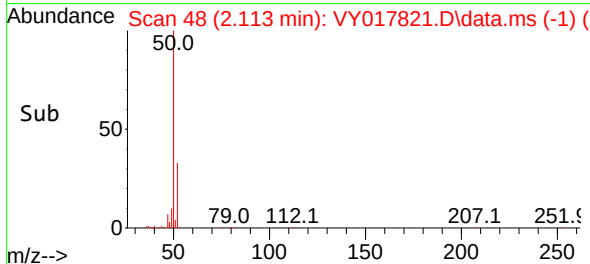
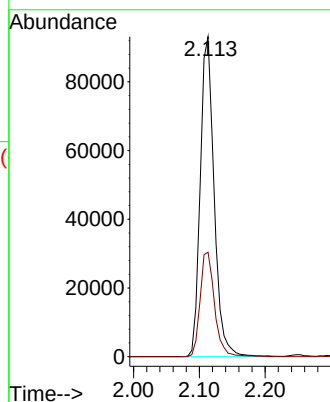
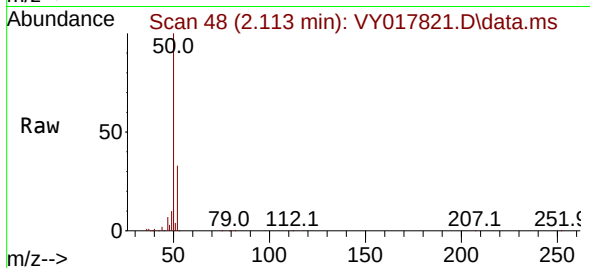




#3
Chloromethane
Concen: 55.763 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

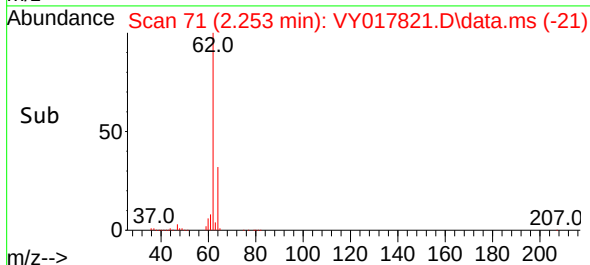
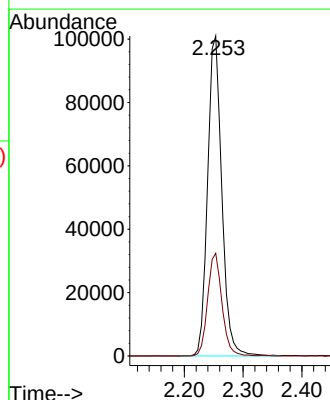
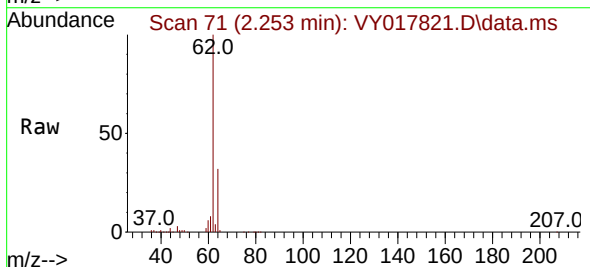
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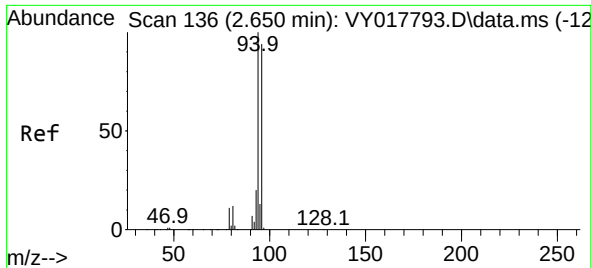
Tgt Ion: 50 Resp: 136404
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 53.099 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 62 Resp: 169749
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

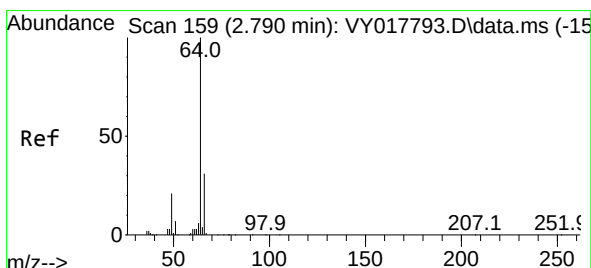
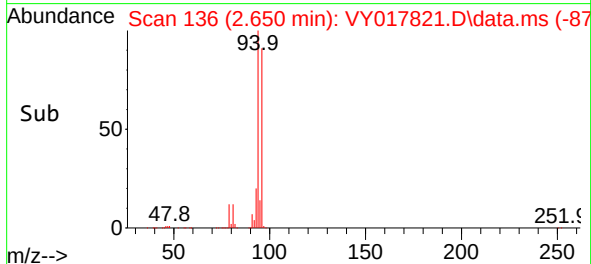
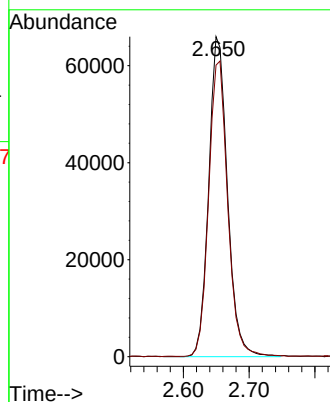
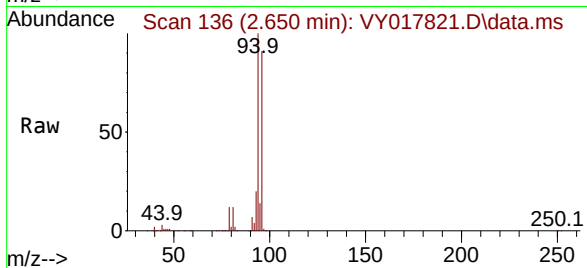




#5
Bromomethane
Concen: 50.693 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017821.D
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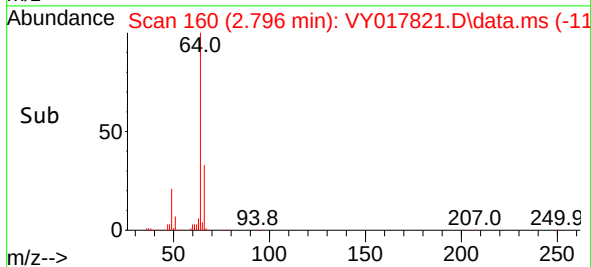
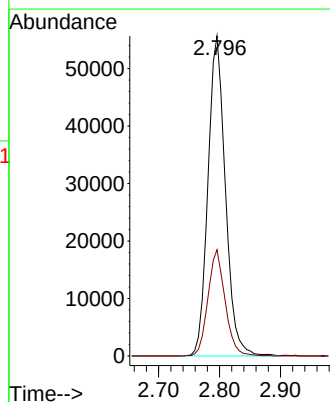
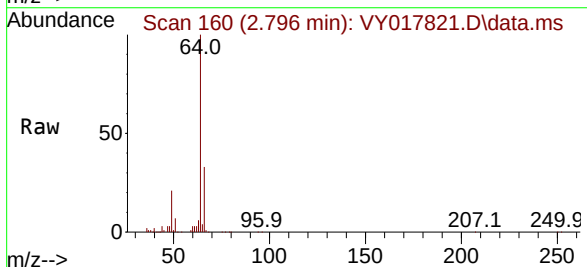
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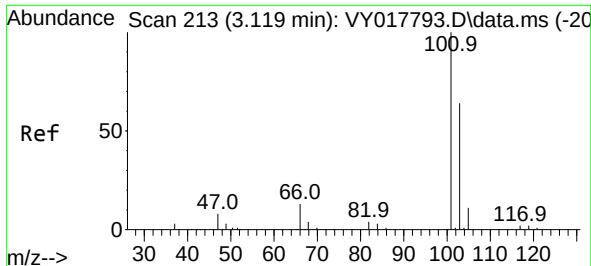
Tgt Ion: 94 Resp: 131033
Ion Ratio Lower Upper
94 100
96 91.0 74.1 111.1



#6
Chloroethane
Concen: 53.062 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 64 Resp: 110676
Ion Ratio Lower Upper
64 100
66 33.2 26.1 39.1

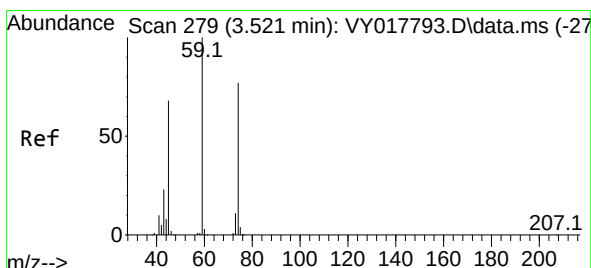
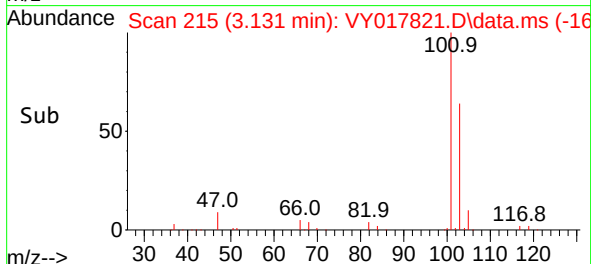
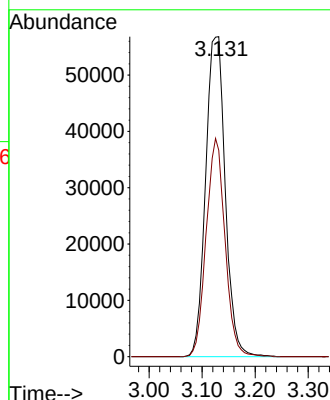
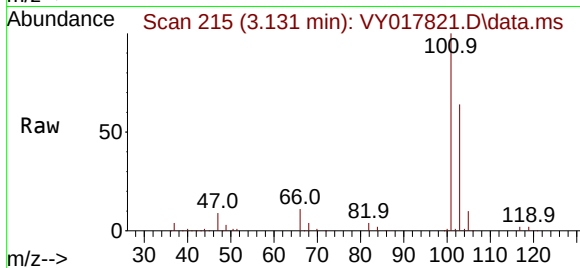




#7
 Trichlorofluoromethane
 Concen: 46.956 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VY017821.D
 Acq: 02 Apr 2024 17:13

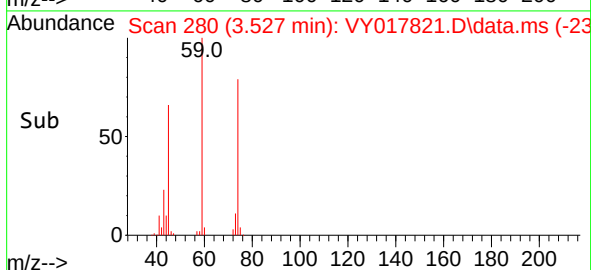
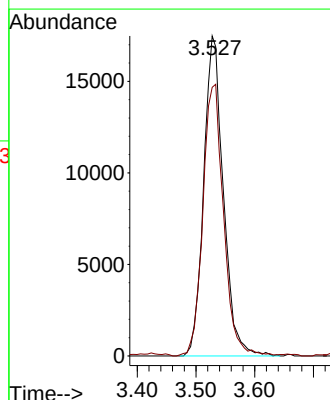
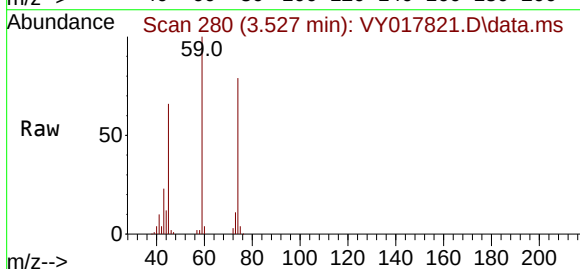
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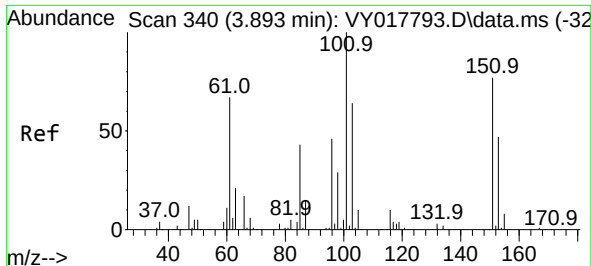
Tgt Ion:101 Resp: 146386
 Ion Ratio Lower Upper
 101 100
 103 64.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 44.431 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY017821.D
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Tgt Ion: 74 Resp: 40688
 Ion Ratio Lower Upper
 74 100
 45 89.3 41.3 124.1

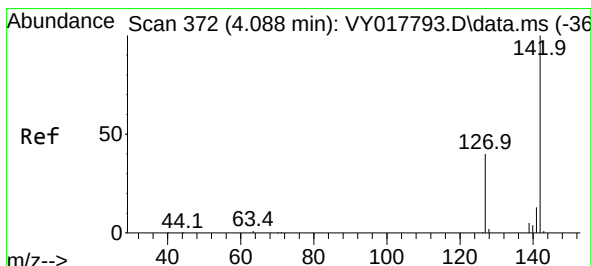
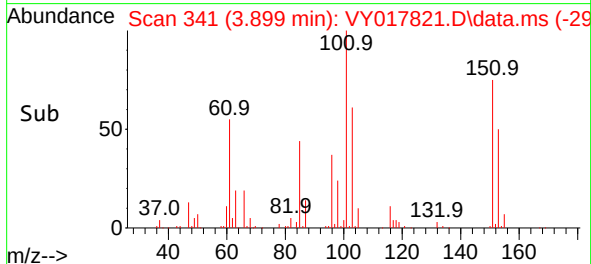
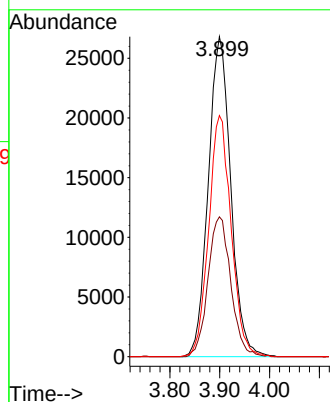
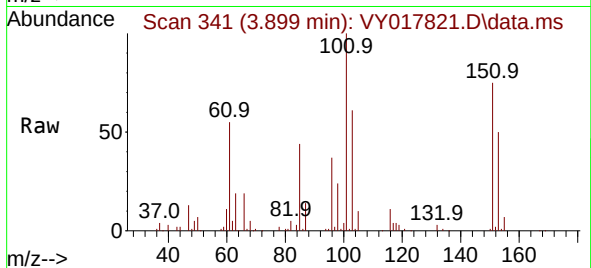




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.935 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

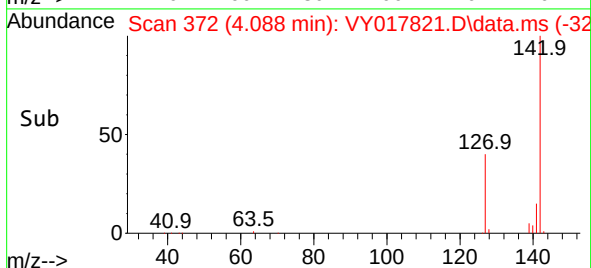
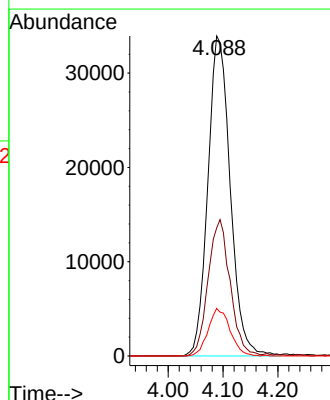
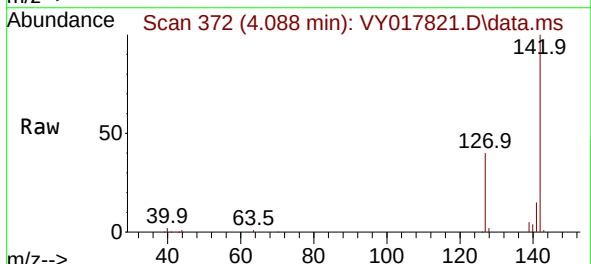
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

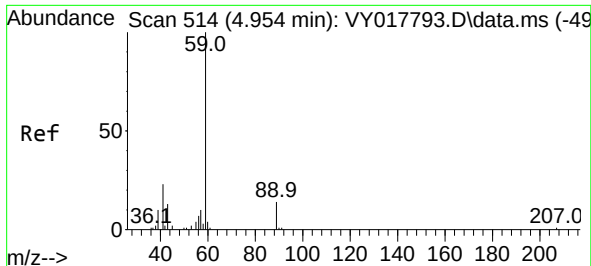
Tgt Ion:101 Resp: 84011
Ion Ratio Lower Upper
101 100
85 44.4 34.5 51.7
151 75.2 61.7 92.5



#10
Methyl Iodide
Concen: 47.316 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion:142 Resp: 96202
Ion Ratio Lower Upper
142 100
127 41.7 32.8 49.2
141 14.6 11.4 17.2

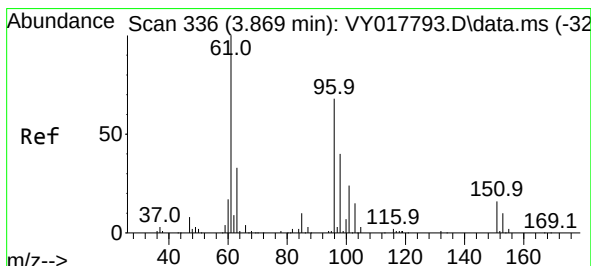
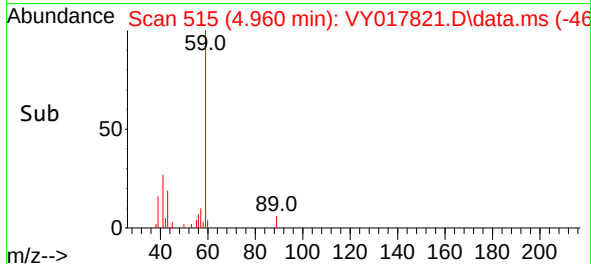
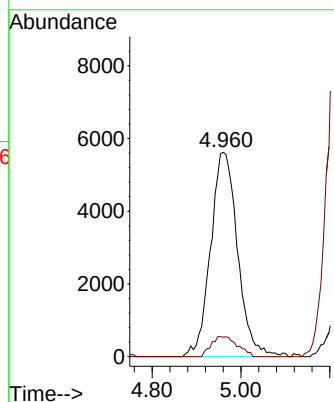
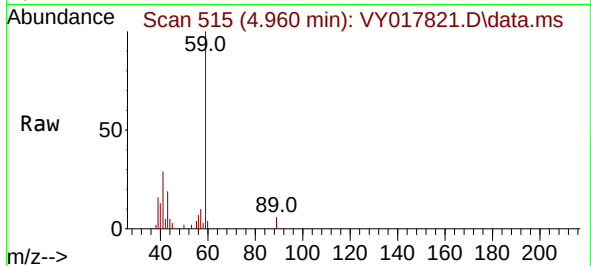




#11
Tert butyl alcohol
Concen: 195.224 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

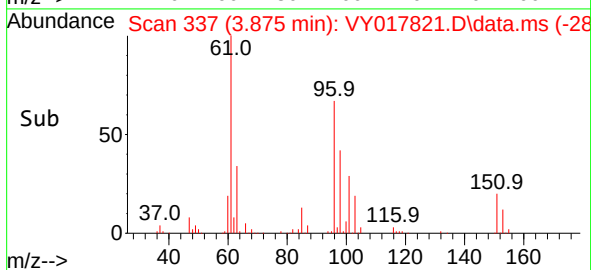
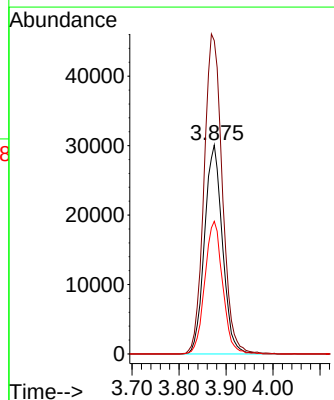
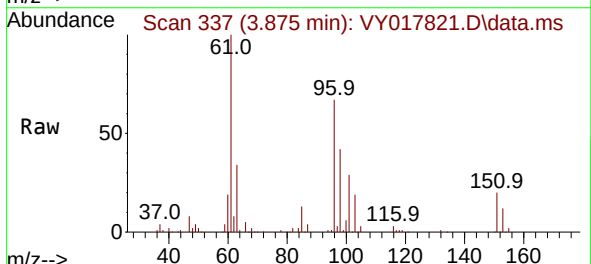
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

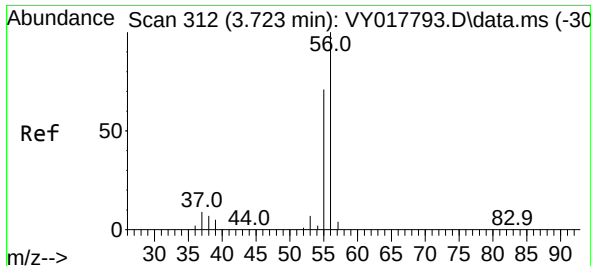
Tgt Ion: 59 Resp: 23638
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 45.471 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 96 Resp: 79552
Ion Ratio Lower Upper
96 100
61 149.9 114.6 171.8
98 63.5 50.8 76.2





#13

Acrolein

Concen: 193.307 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

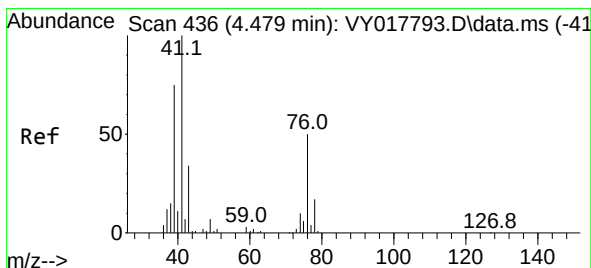
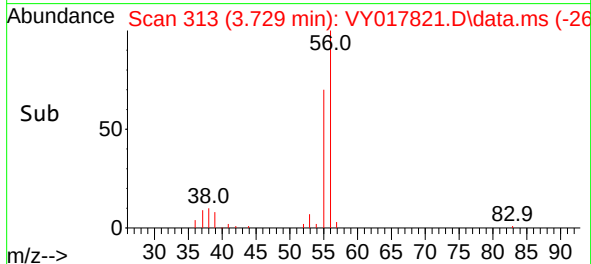
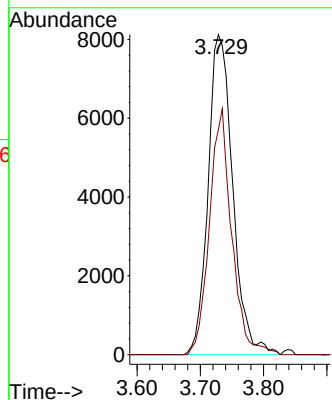
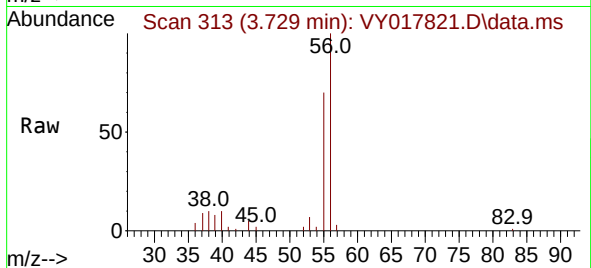
VSTDCCC050EC

Tgt Ion: 56 Resp: 21963

Ion Ratio Lower Upper

56 100

55 69.3 55.7 83.5



#14

Allyl chloride

Concen: 46.829 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

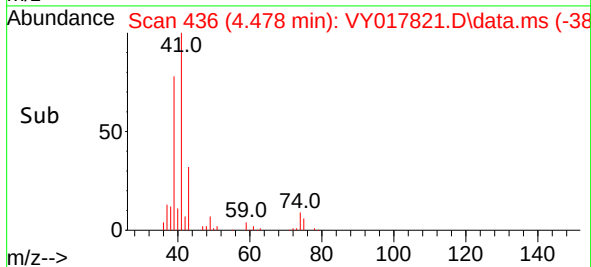
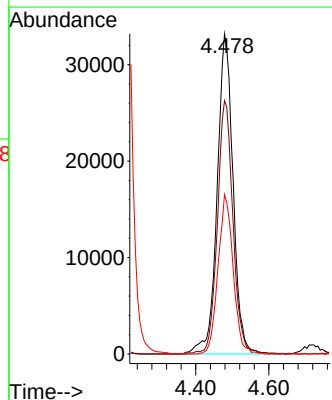
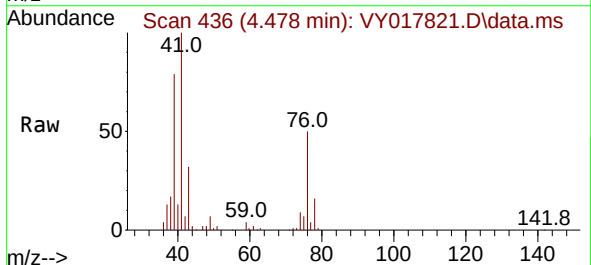
Tgt Ion: 41 Resp: 100512

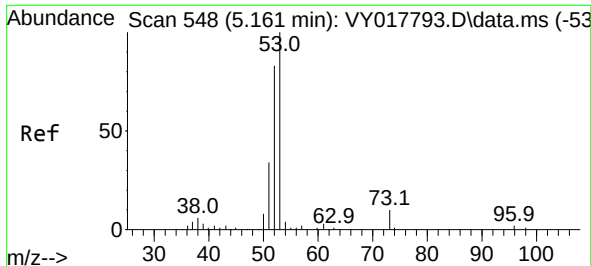
Ion Ratio Lower Upper

41 100

39 77.5 58.3 87.5

76 47.2 39.0 58.6

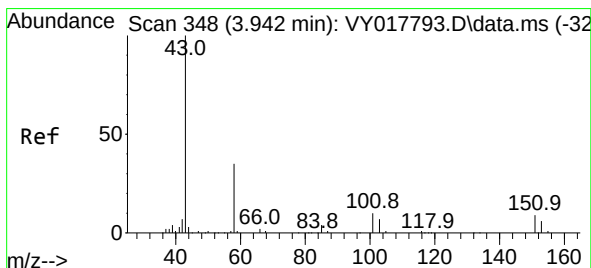
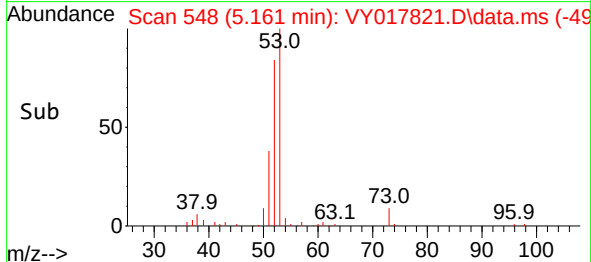
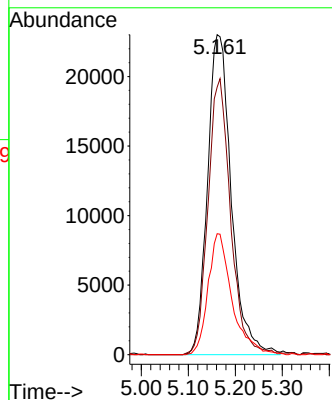
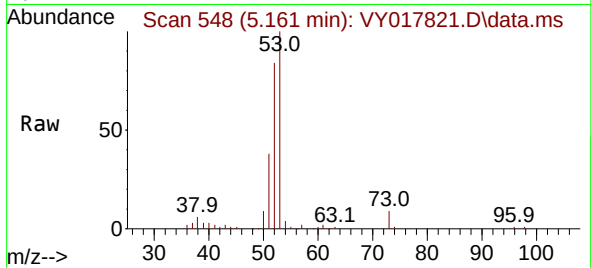




#15
Acrylonitrile
Concen: 209.166 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

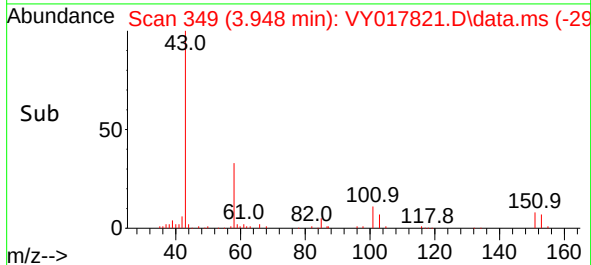
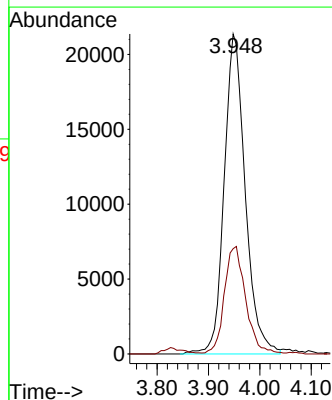
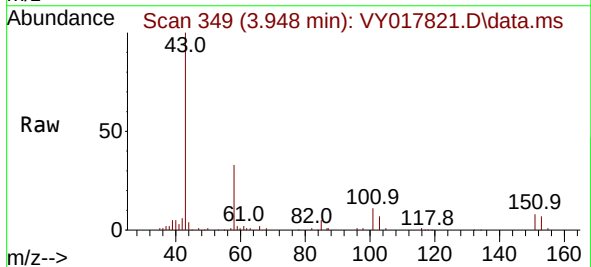
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

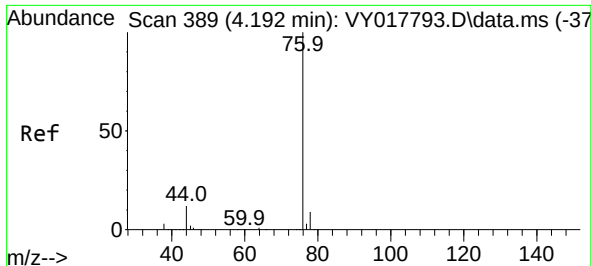
Tgt Ion:	53	Resp:	80855
Ion	Ratio	Lower	Upper
53	100		
52	81.9	64.7	97.1
51	38.0	28.4	42.6



#16
Acetone
Concen: 181.561 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion:	43	Resp:	60863
Ion	Ratio	Lower	Upper
43	100		
58	32.4	31.7	47.5

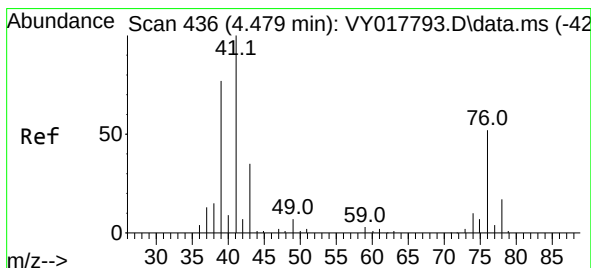
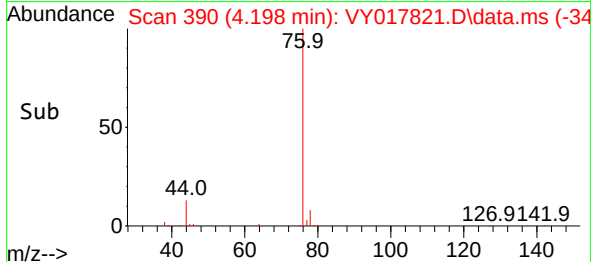
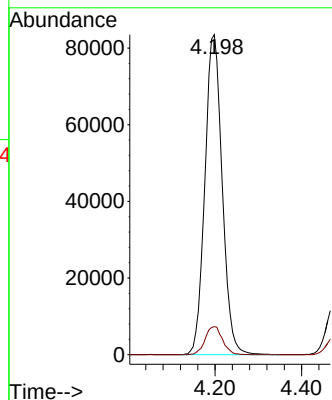
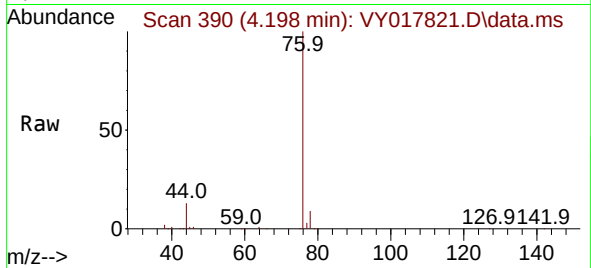




#17
Carbon Disulfide
Concen: 46.837 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

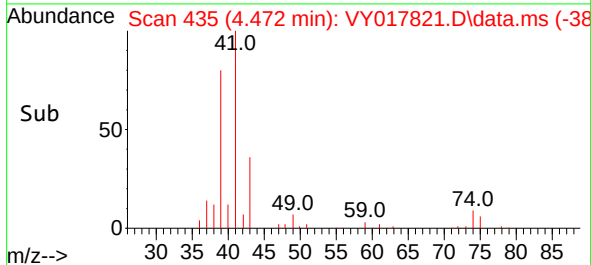
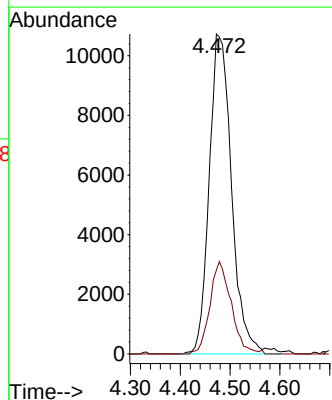
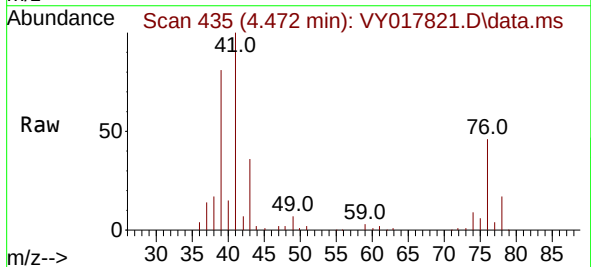
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

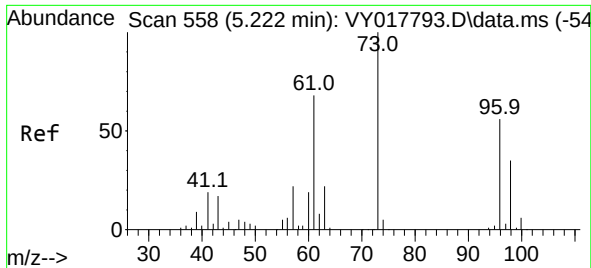
Tgt Ion: 76 Resp: 231891
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 45.188 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 43 Resp: 33552
Ion Ratio Lower Upper
43 100
74 27.4 23.3 34.9

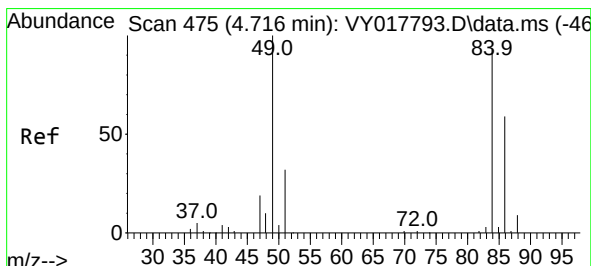
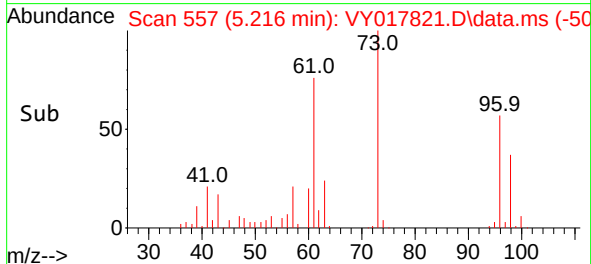
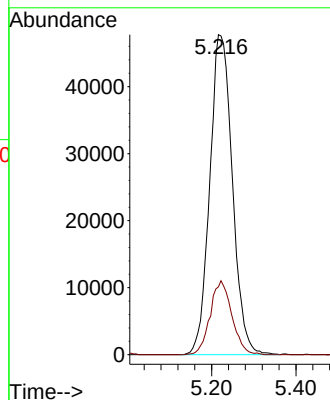
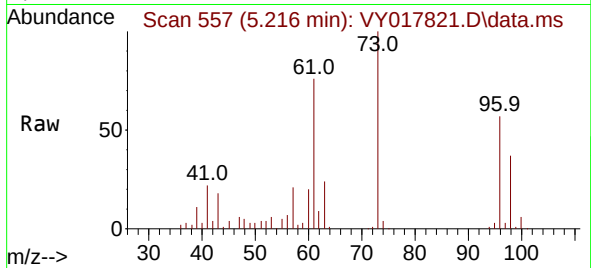




#19
Methyl tert-butyl Ether
Concen: 44.374 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

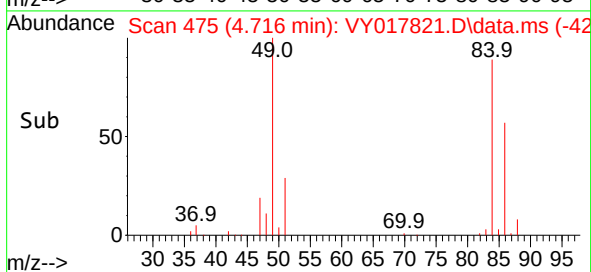
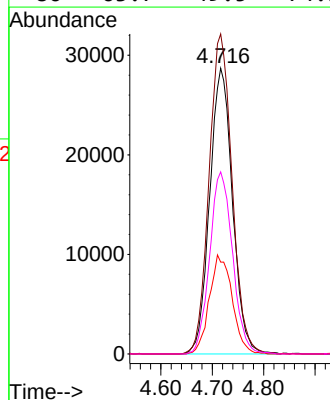
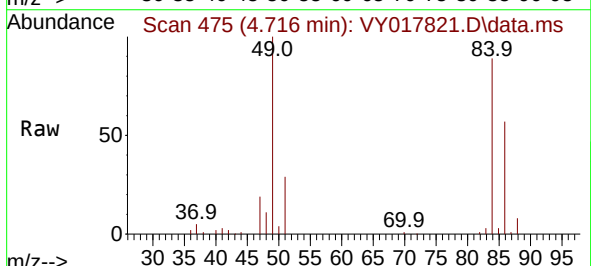
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

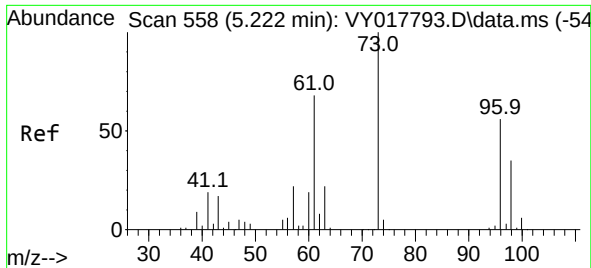
Tgt Ion: 73 Resp: 177755
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 42.614 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 84 Resp: 88343
Ion Ratio Lower Upper
84 100
49 112.0 84.4 126.6
51 32.1 26.0 39.0
86 63.7 49.5 74.3

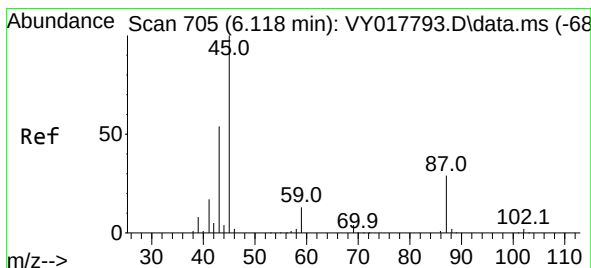
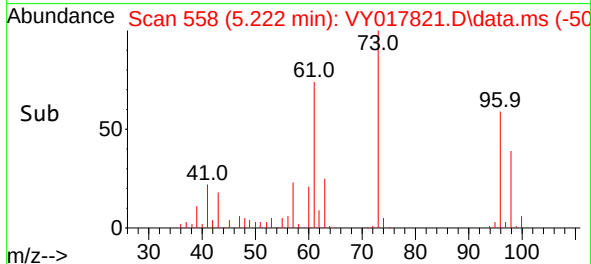
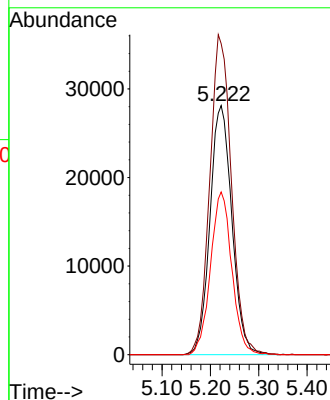
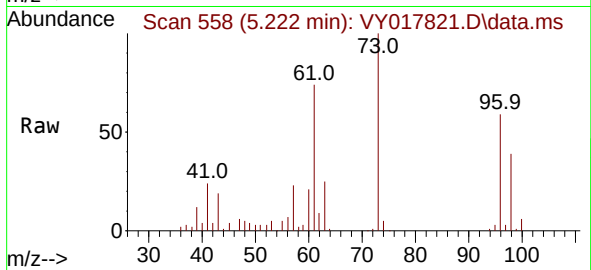




#21
trans-1,2-Dichloroethene
Concen: 47.280 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

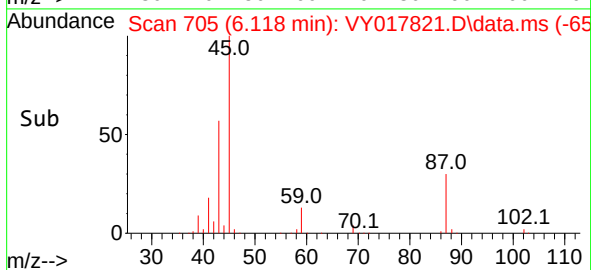
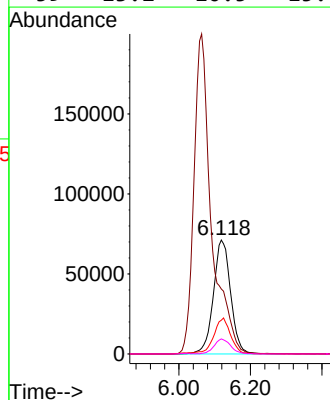
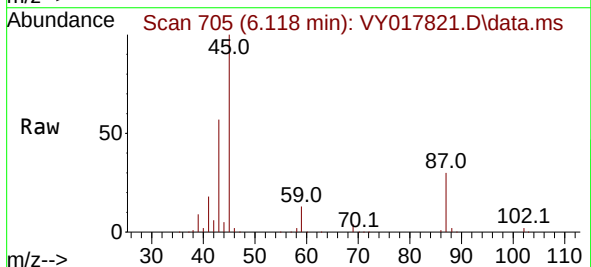
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

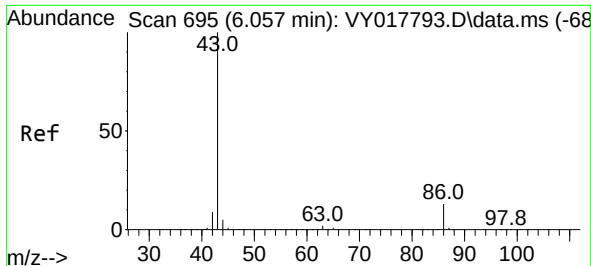
Tgt Ion: 96 Resp: 88515
Ion Ratio Lower Upper
96 100
61 124.9 97.5 146.3
98 65.3 50.5 75.7



#22
Diisopropyl ether
Concen: 48.157 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 45 Resp: 238904
Ion Ratio Lower Upper
45 100
43 56.7 42.2 63.2
87 29.6 25.0 37.6
59 13.2 10.5 15.7

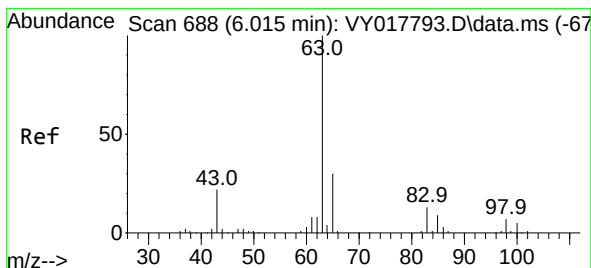
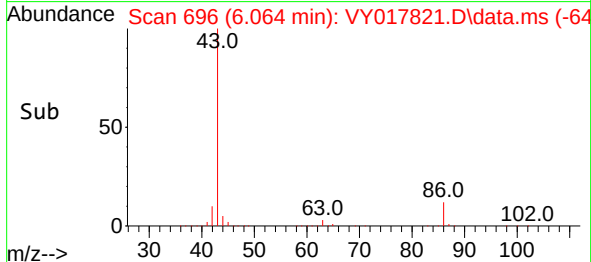
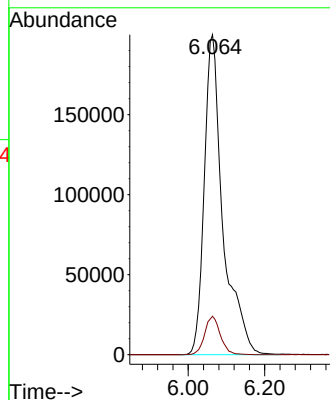
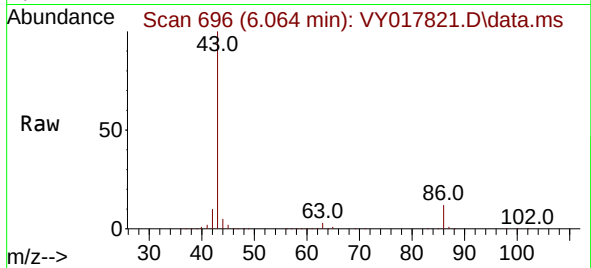




#23
 Vinyl Acetate
 Concen: 223.684 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY017821.D
 Acq: 02 Apr 2024 17:13

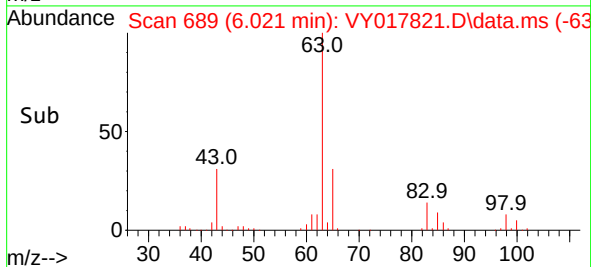
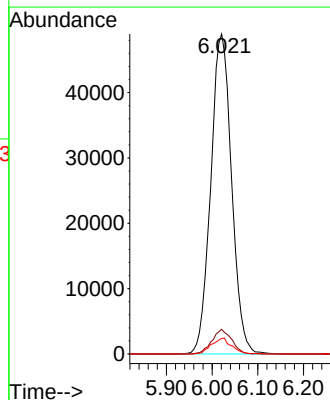
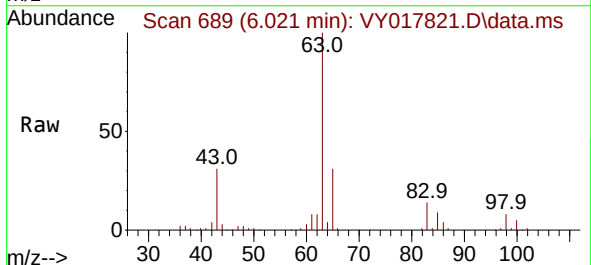
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

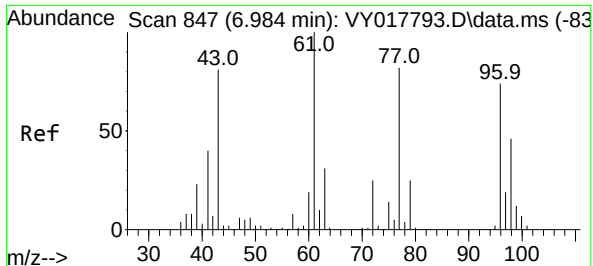
Tgt Ion: 43 Resp: 677520
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 47.040 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017821.D
 Acq: 02 Apr 2024 17:13

Tgt Ion: 63 Resp: 154887
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 200.408 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

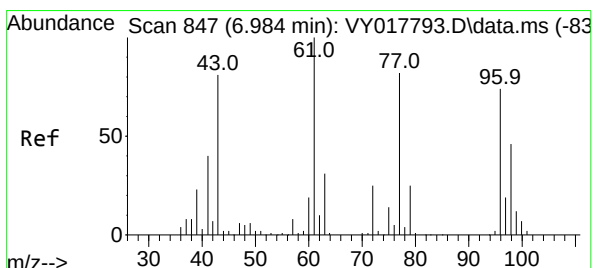
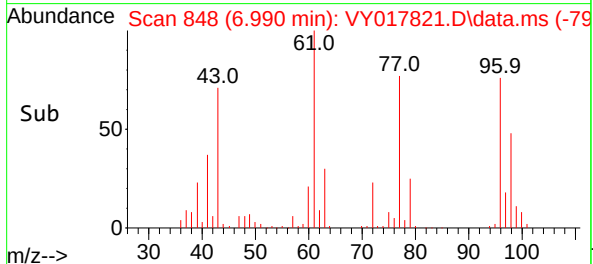
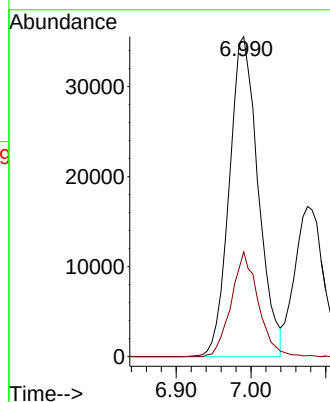
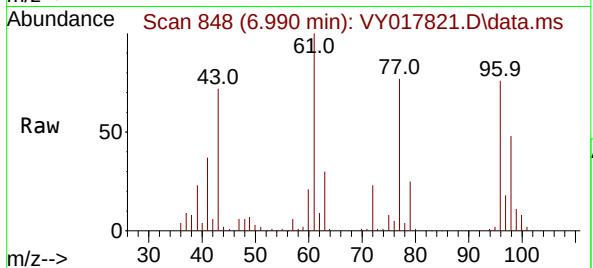
VSTDCCC050EC

Tgt Ion: 43 Resp: 95704

Ion Ratio Lower Upper

43 100

72 32.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 41.834 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY017821.D

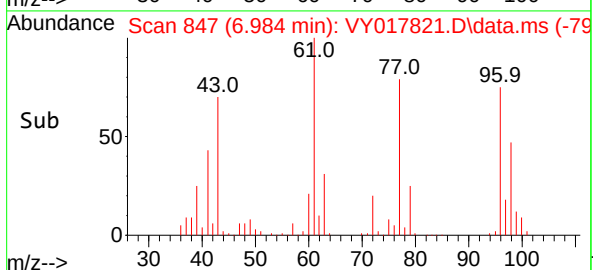
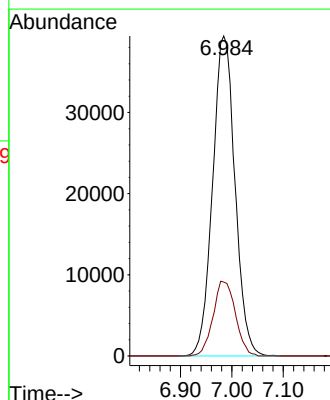
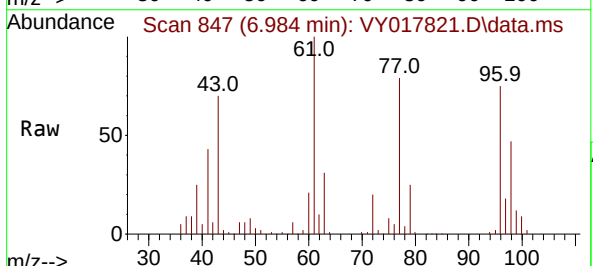
Acq: 02 Apr 2024 17:13

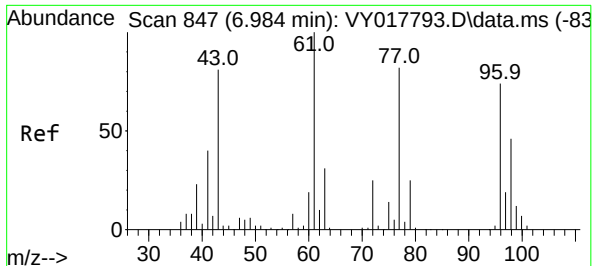
Tgt Ion: 77 Resp: 118971

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 45.011 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

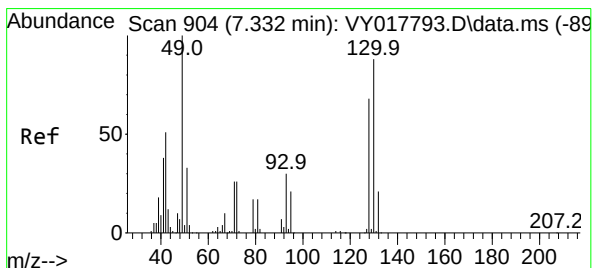
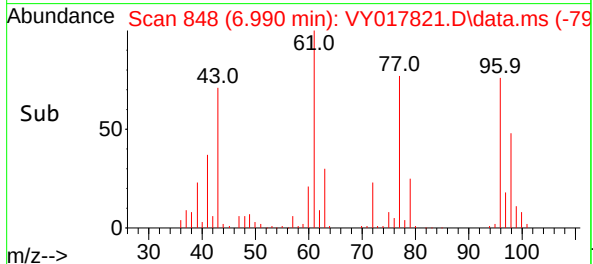
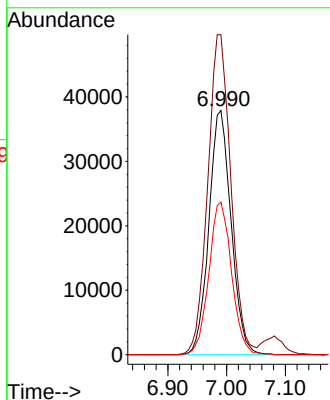
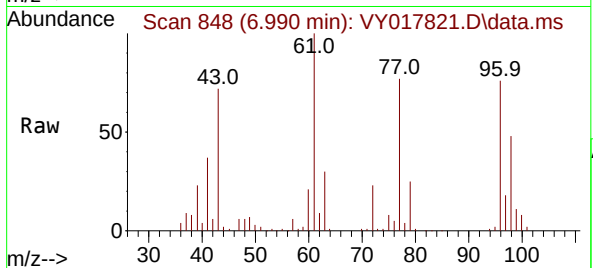
Tgt Ion: 96 Resp: 99589

Ion Ratio Lower Upper

96 100

61 136.2 0.0 256.2

98 63.8 0.0 130.0



#28

Bromochloromethane

Concen: 53.960 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

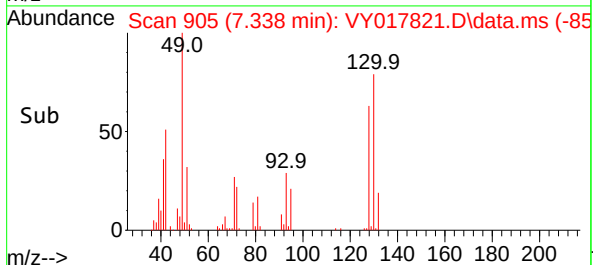
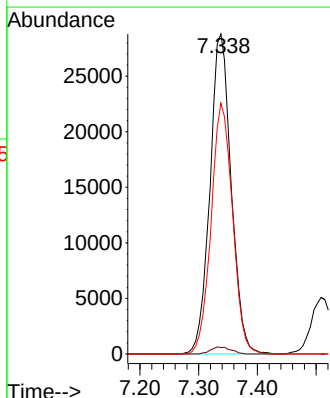
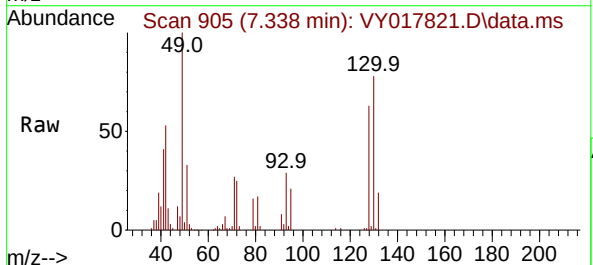
Tgt Ion: 49 Resp: 72253

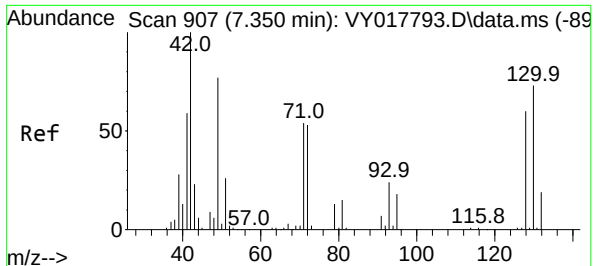
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 78.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 220.345 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

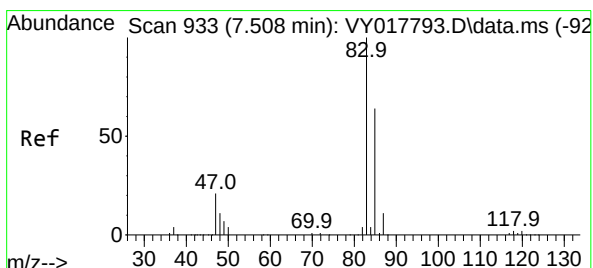
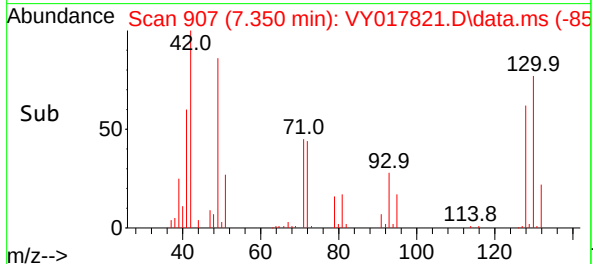
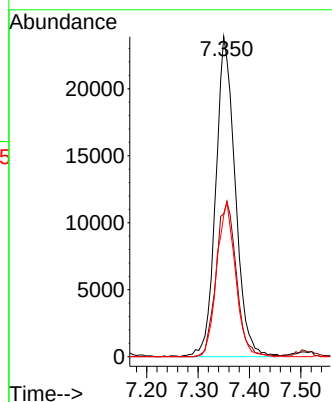
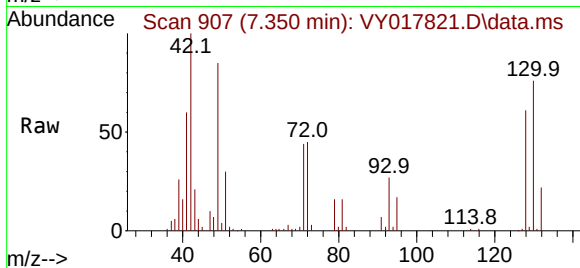
Tgt Ion: 42 Resp: 63138

Ion Ratio Lower Upper

42 100

72 50.1 43.0 64.4

71 46.6 40.8 61.2



#30

Chloroform

Concen: 46.249 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017821.D

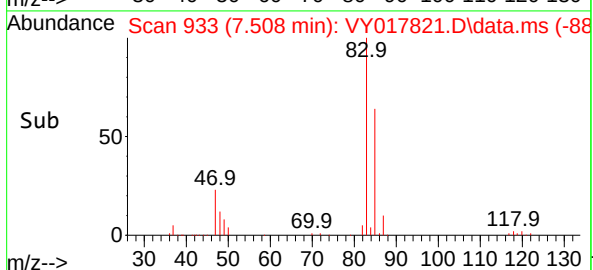
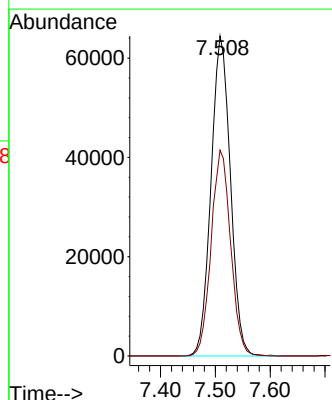
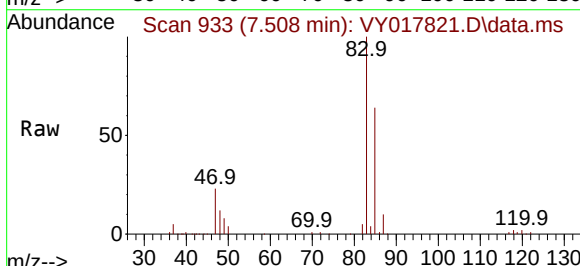
Acq: 02 Apr 2024 17:13

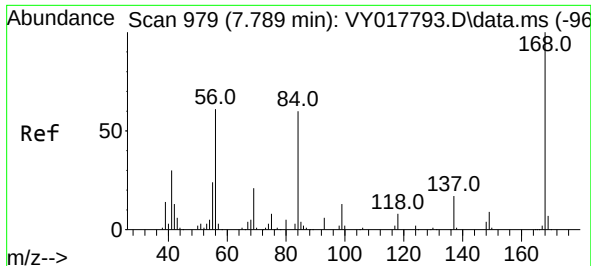
Tgt Ion: 83 Resp: 158002

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.4

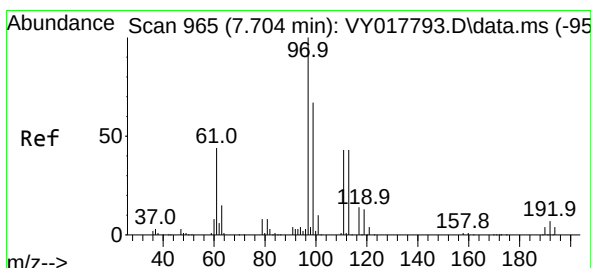
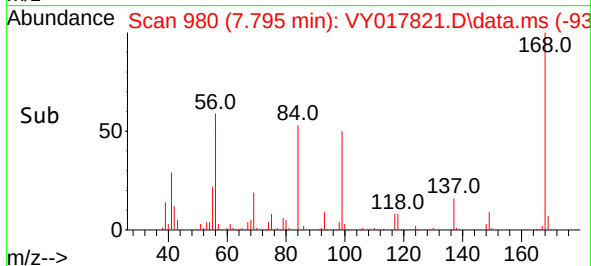
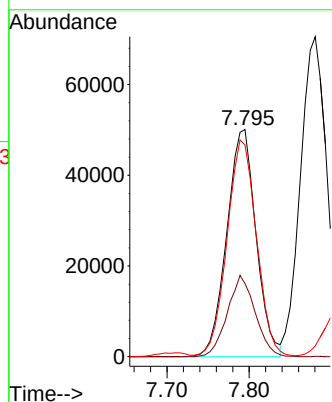
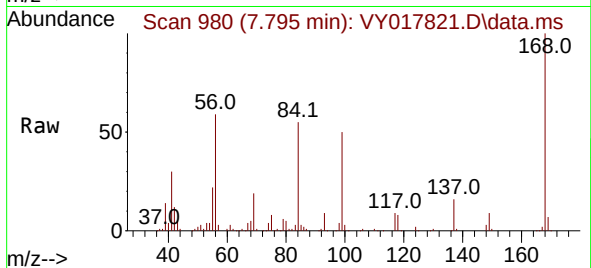




#31
Cyclohexane
Concen: 43.474 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

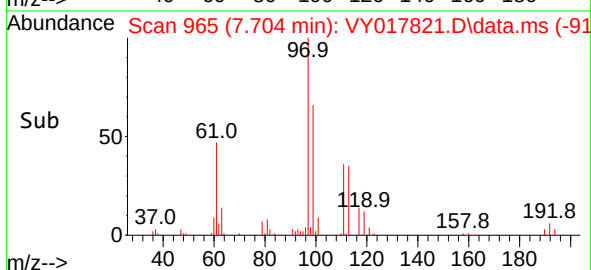
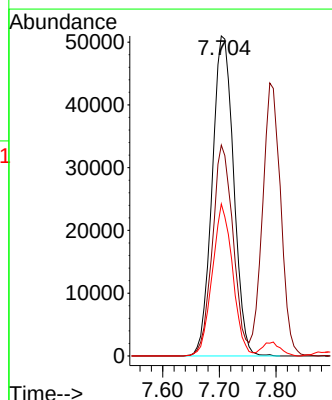
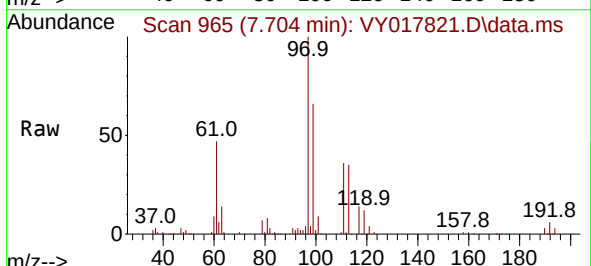
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

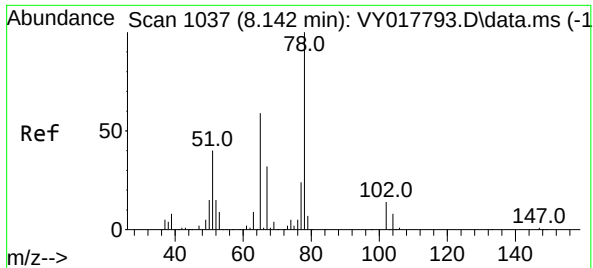
Tgt Ion: 56 Resp: 124201
Ion Ratio Lower Upper
56 100
69 32.2 28.7 43.1
84 91.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 46.090 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 97 Resp: 134017
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 45.1 32.6 48.8

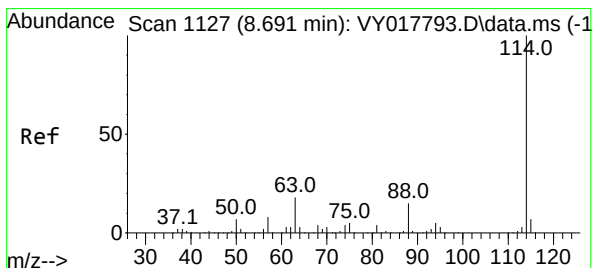
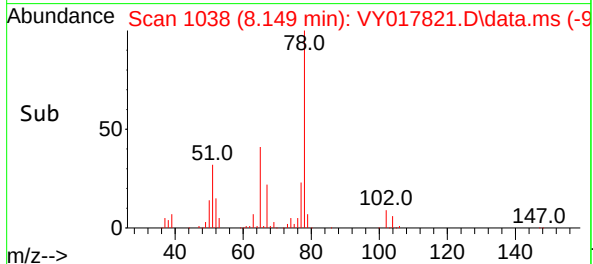
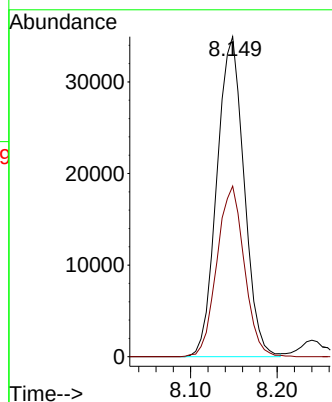
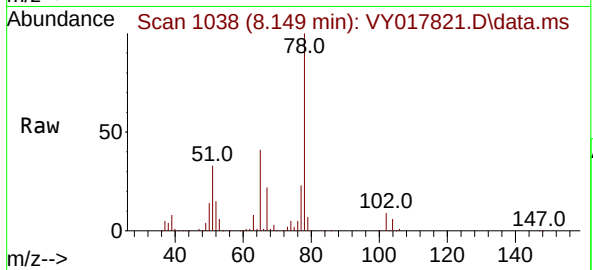




#33
 1,2-Dichloroethane-d4
 Concen: 46.885 ug/l
 RT: 8.149 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY017821.D
 Acq: 02 Apr 2024 17:13

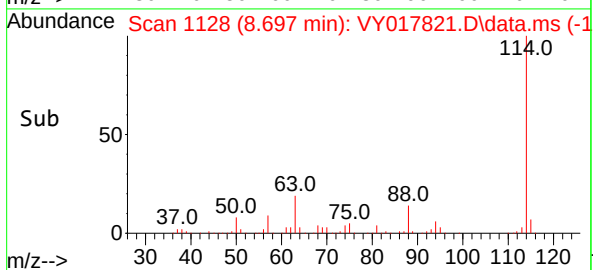
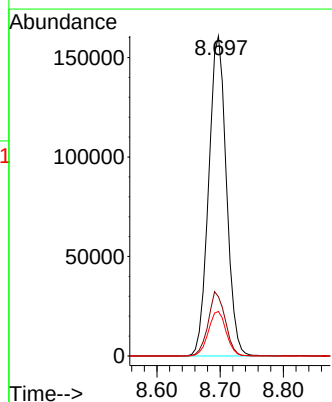
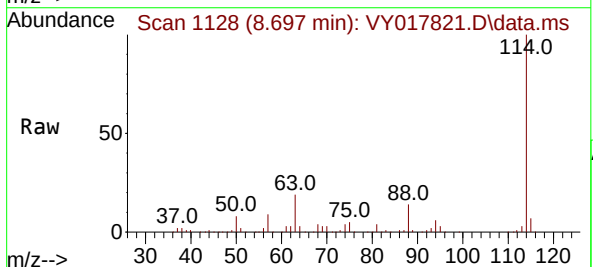
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

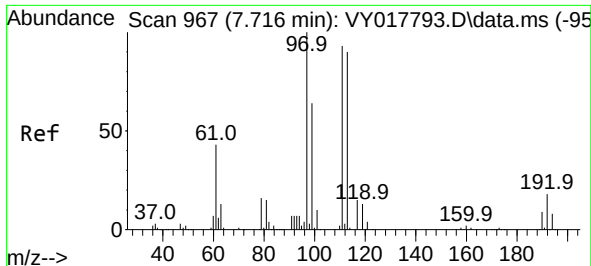
Tgt Ion: 65 Resp: 76034
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY017821.D
 Acq: 02 Apr 2024 17:13

Tgt Ion: 114 Resp: 312410
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 35.0
 88 13.9 0.0 27.2

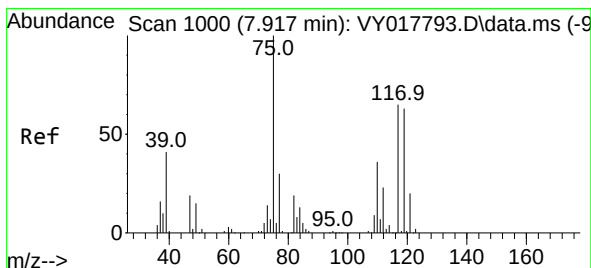
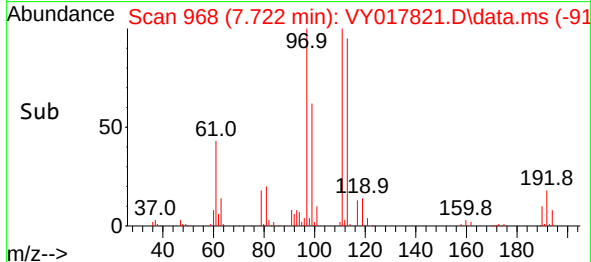
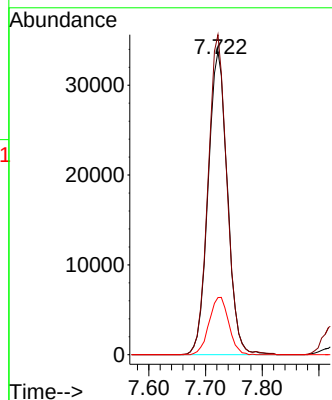
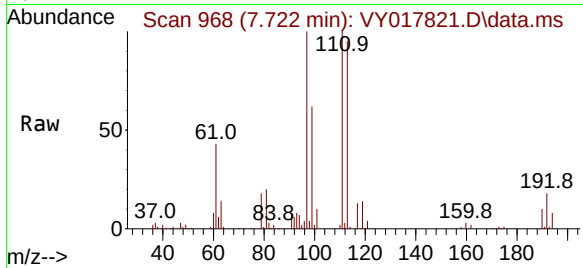




#35
Dibromofluoromethane
Concen: 44.288 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

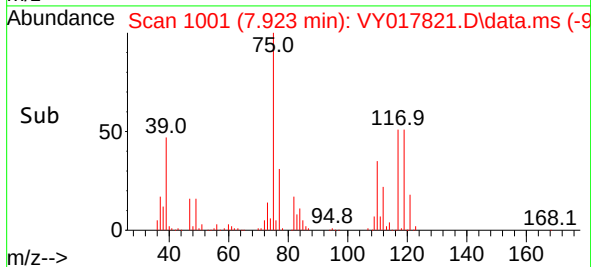
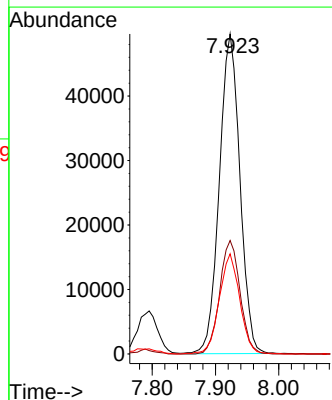
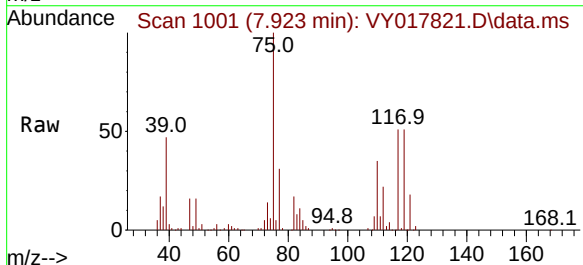
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

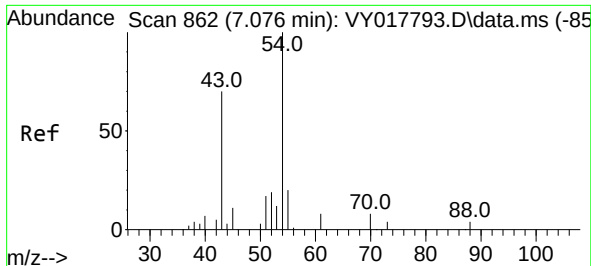
Tgt Ion:113 Resp: 79951
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 42.470 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 75 Resp: 111864
Ion Ratio Lower Upper
75 100
110 35.2 19.0 57.0
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 41.009 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

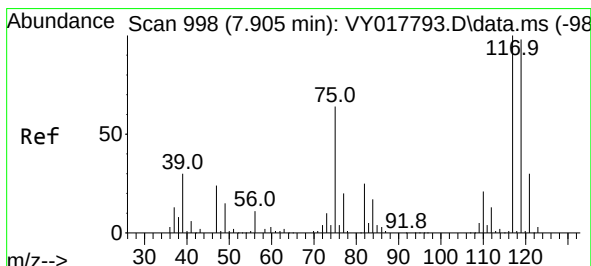
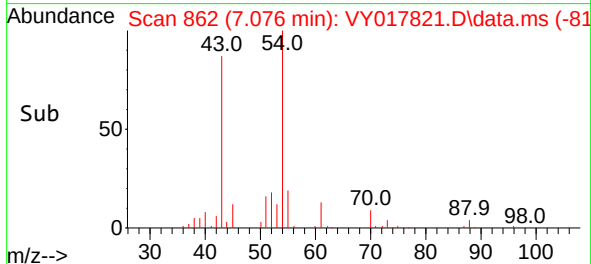
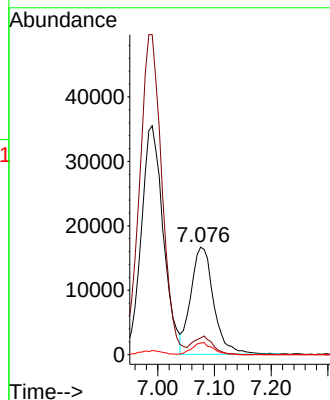
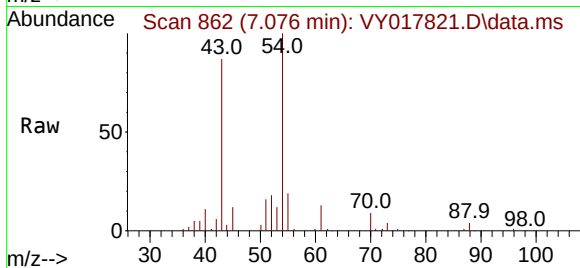
Tgt Ion: 43 Resp: 46614

Ion Ratio Lower Upper

43 100

61 15.0 12.6 19.0

70 10.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 42.192 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

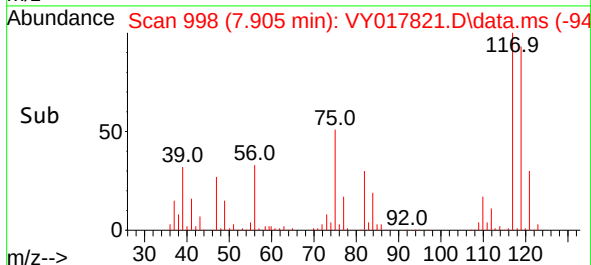
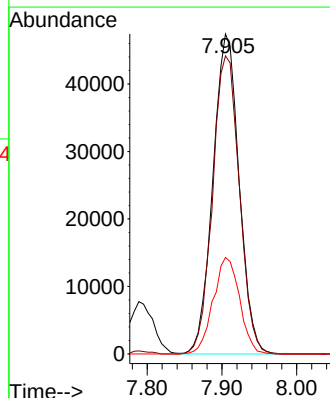
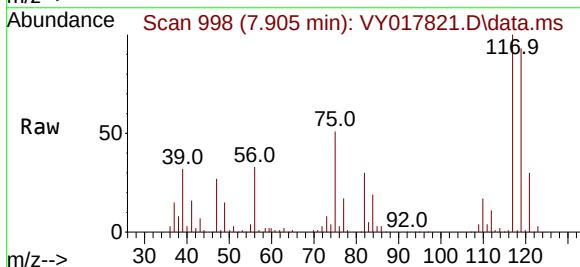
Tgt Ion: 117 Resp: 115370

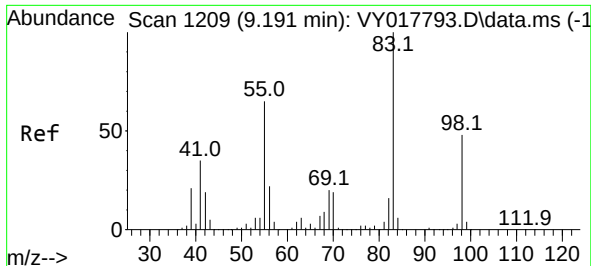
Ion Ratio Lower Upper

117 100

119 93.1 75.8 113.6

121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 41.643 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

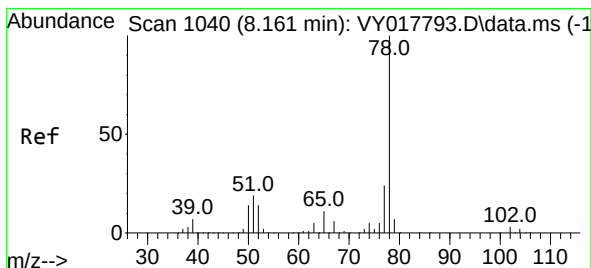
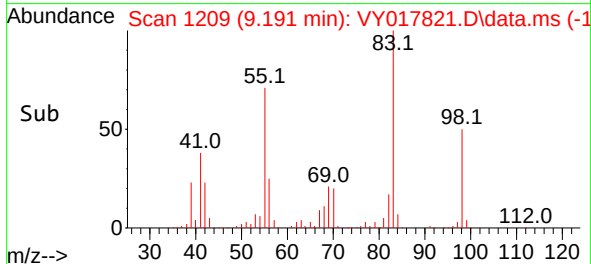
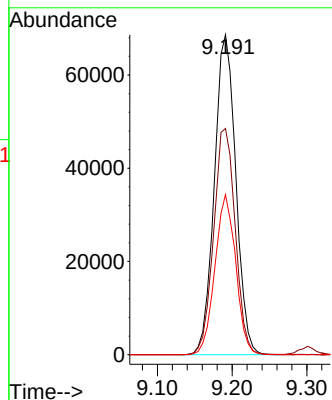
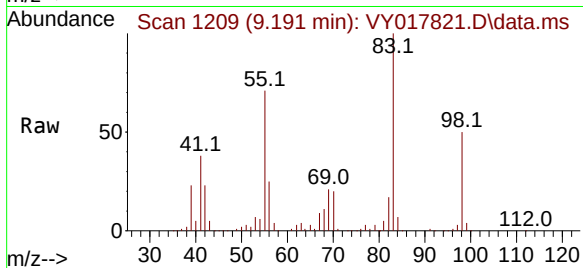
Tgt Ion: 83 Resp: 137011

Ion Ratio Lower Upper

83 100

55 70.7 51.5 77.3

98 50.1 40.5 60.7



#40

Benzene

Concen: 43.450 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017821.D

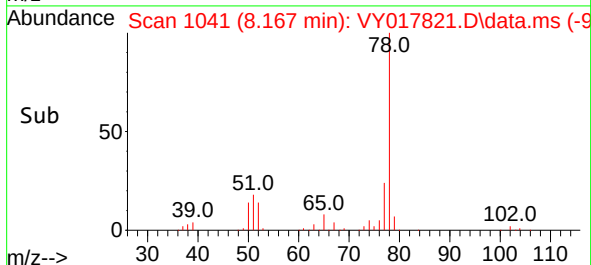
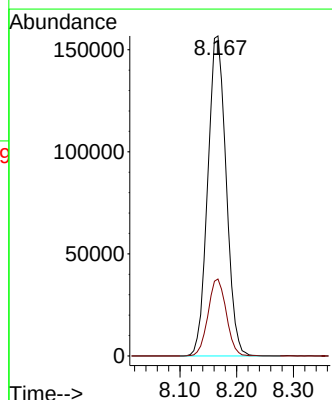
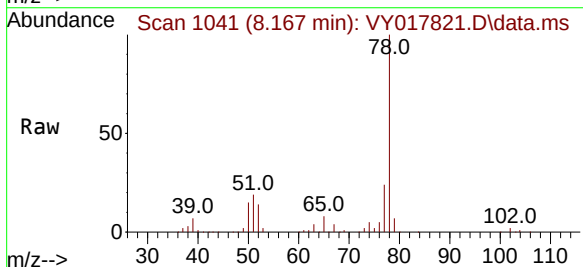
Acq: 02 Apr 2024 17:13

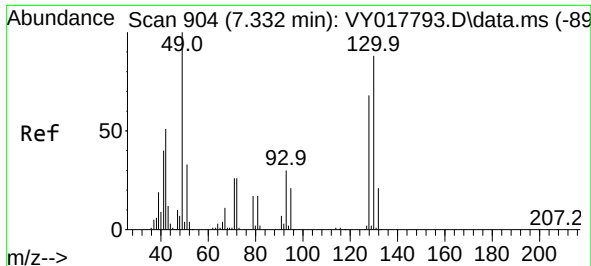
Tgt Ion: 78 Resp: 352701

Ion Ratio Lower Upper

78 100

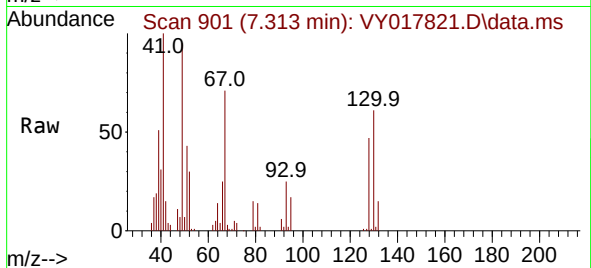
77 24.1 19.5 29.3



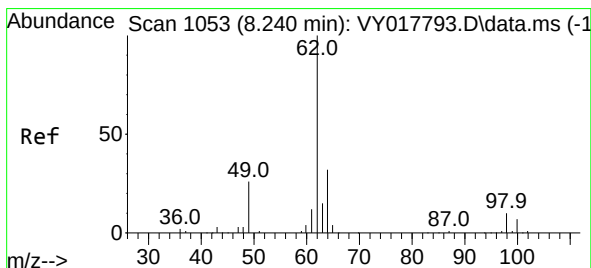
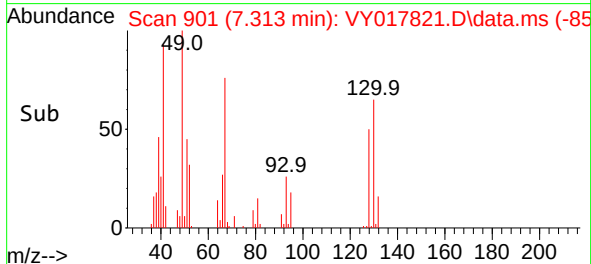
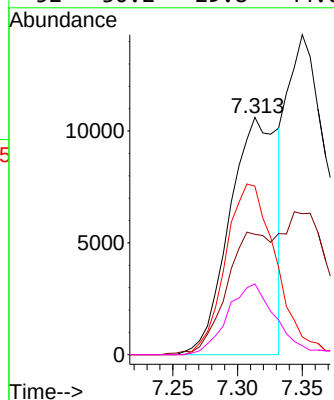


#41
Methacrylonitrile
Concen: 43.254 ug/l m
RT: 7.313 min Scan# 904
Delta R.T. -0.019 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

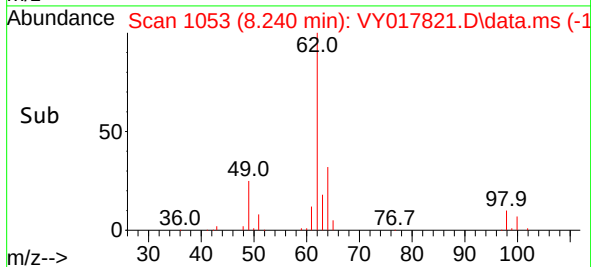
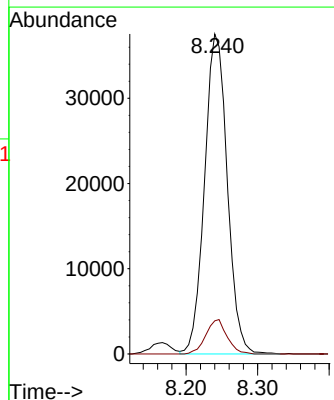
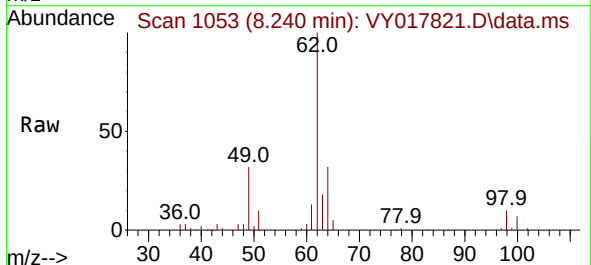


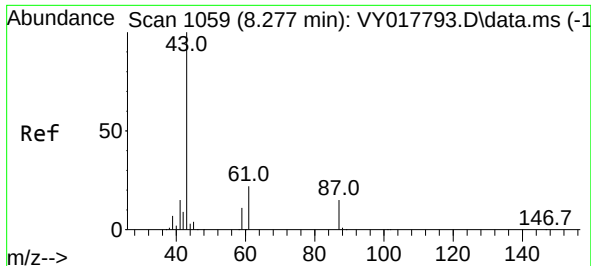
Tgt Ion: 41 Resp: 27393
Ion Ratio Lower Upper
41 100
39 47.4 48.0 72.0#
67 76.0 75.1 112.7
52 30.2 29.8 44.6



#42
1,2-Dichloroethane
Concen: 41.453 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 62 Resp: 82822
Ion Ratio Lower Upper
62 100
98 10.0 0.0 22.0

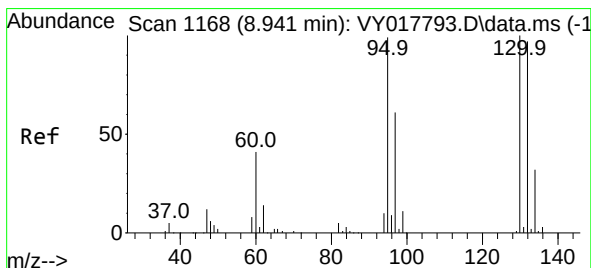
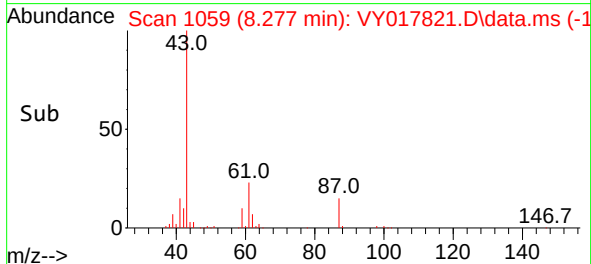
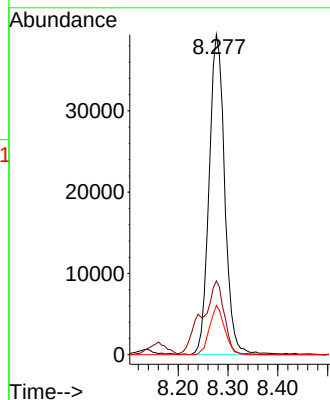
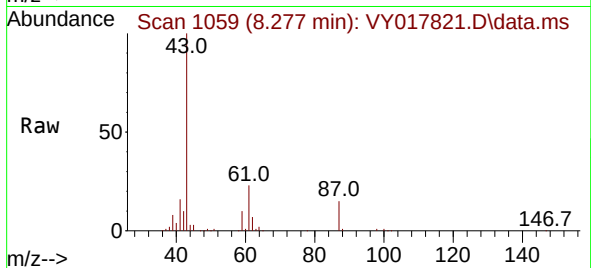




#43
Isopropyl Acetate
Concen: 41.556 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

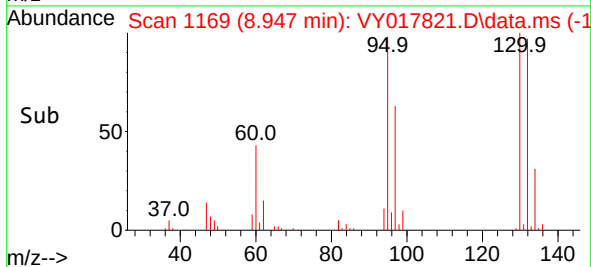
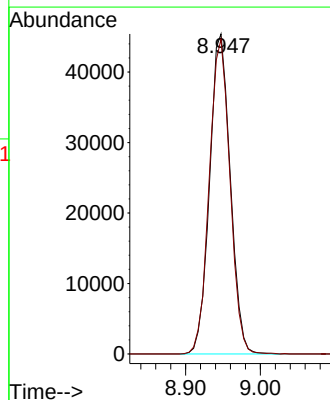
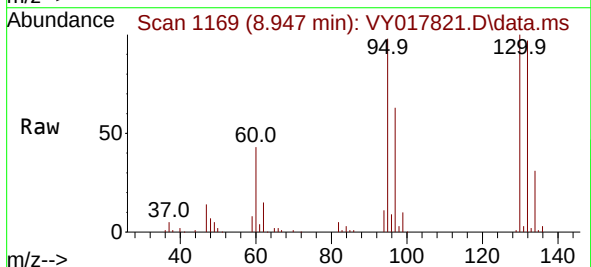
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

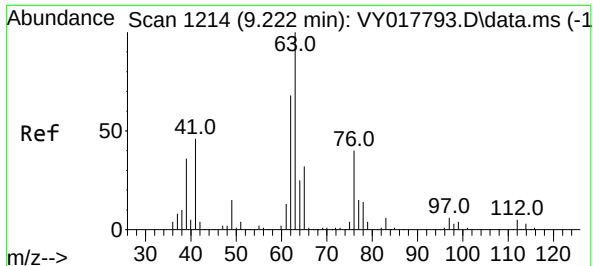
Tgt Ion: 43 Resp: 85723
Ion Ratio Lower Upper
43 100
61 32.8 27.9 41.9
87 14.7 13.1 19.7



#44
Trichloroethene
Concen: 41.313 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 130 Resp: 87251
Ion Ratio Lower Upper
130 100
95 98.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 43.314 ug/l

RT: 9.222 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

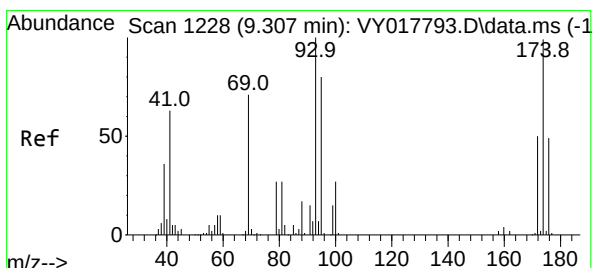
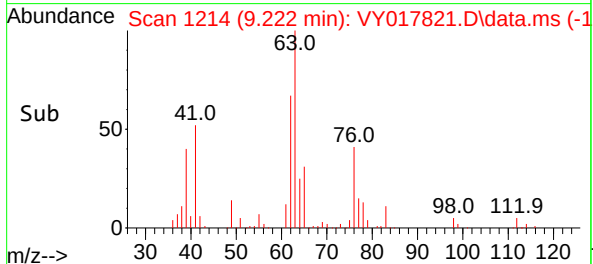
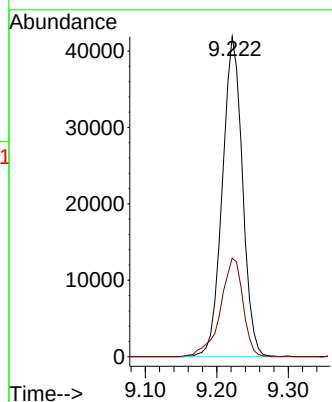
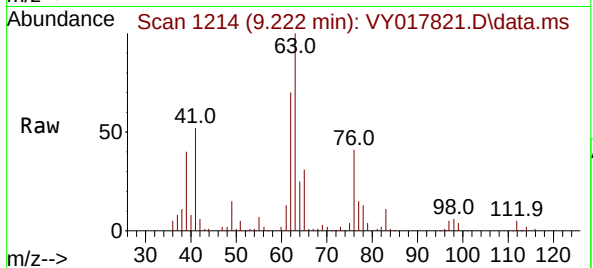
VSTDCCC050EC

Tgt Ion: 63 Resp: 81700

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.2



#46

Dibromomethane

Concen: 40.617 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

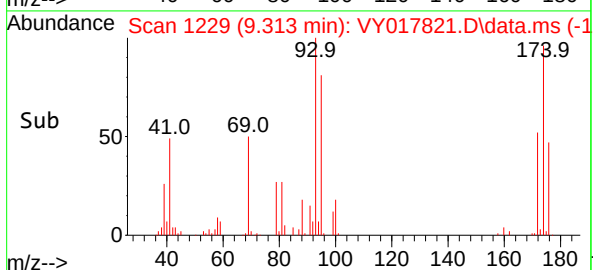
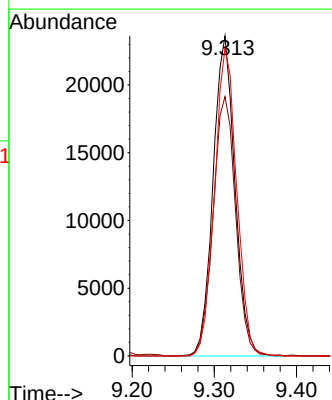
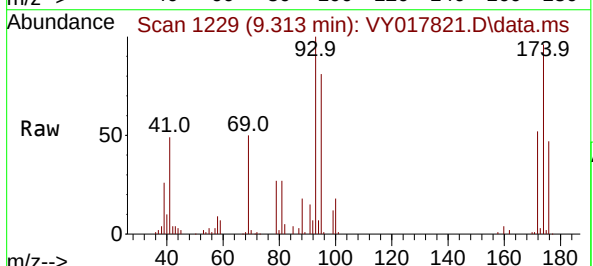
Tgt Ion: 93 Resp: 43527

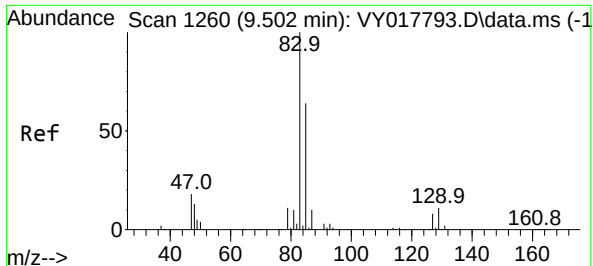
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 97.6 80.9 121.3

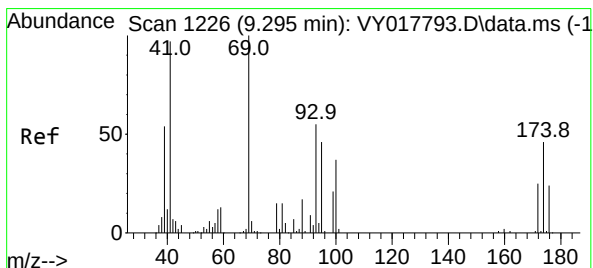
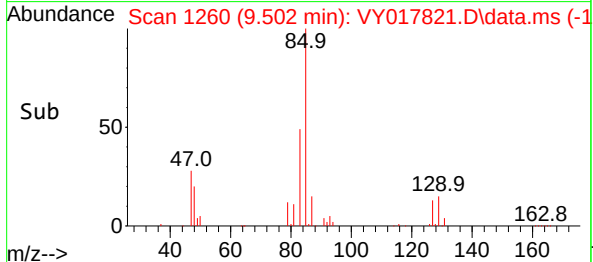
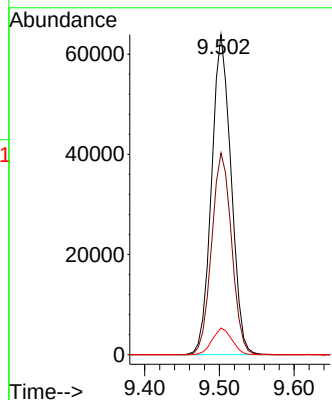
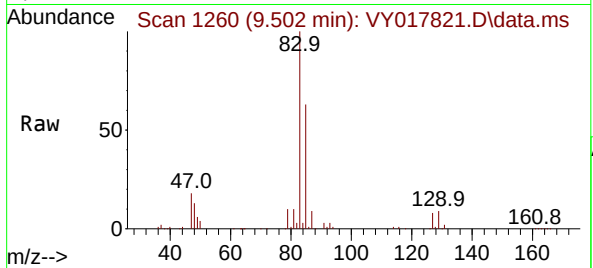




#47
Bromodichloromethane
Concen: 42.839 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

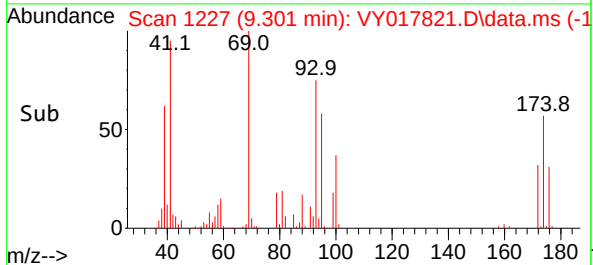
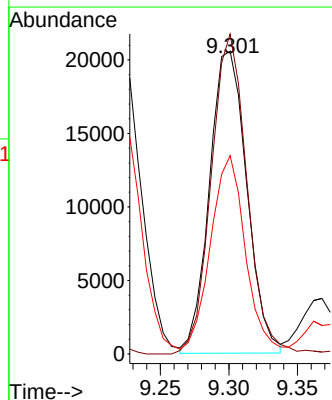
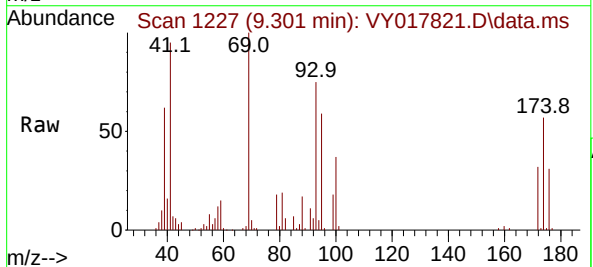
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

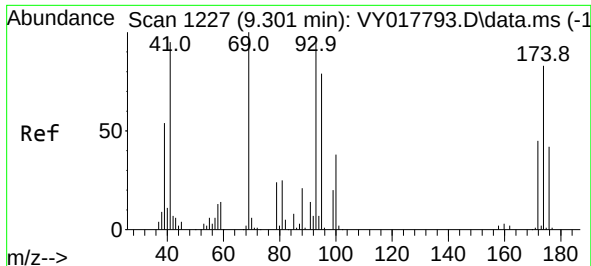
Tgt Ion: 83 Resp: 115997
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 45.274 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 41 Resp: 38998
Ion Ratio Lower Upper
41 100
69 102.0 84.1 126.1
39 58.8 43.6 65.4





#49

1,4-Dioxane

Concen: 832.151 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

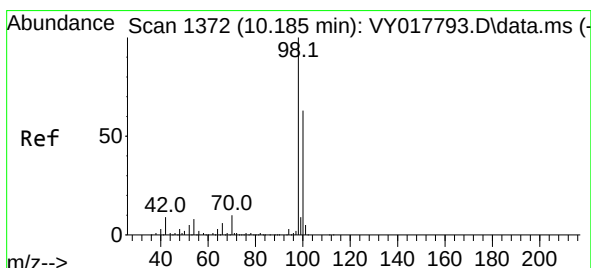
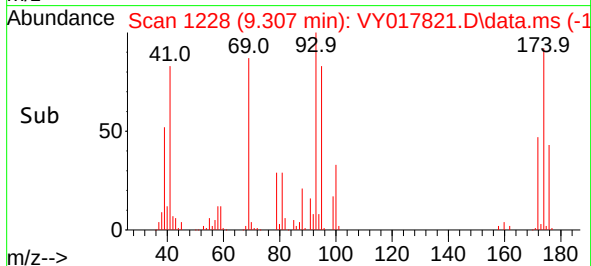
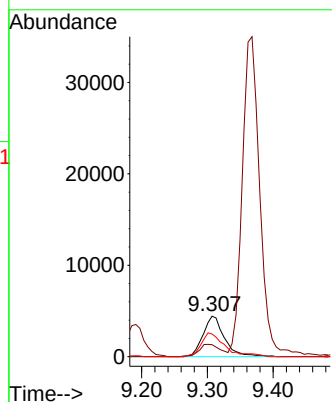
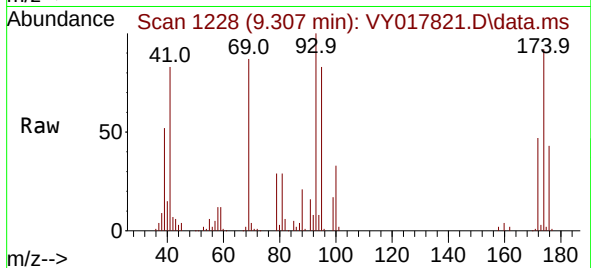
Tgt Ion: 88 Resp: 10011

Ion Ratio Lower Upper

88 100

43 30.7 0.0 0.0#

58 65.4 49.3 73.9



#50

Toluene-d8

Concen: 45.865 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017821.D

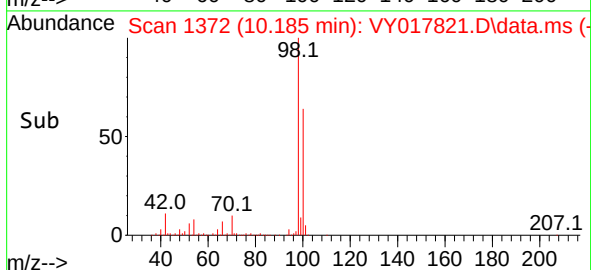
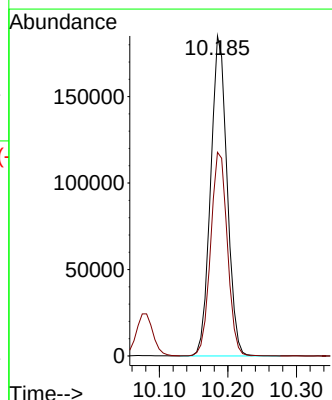
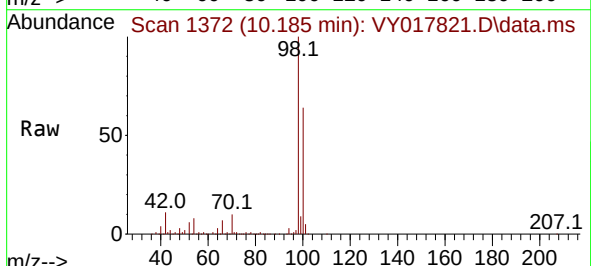
Acq: 02 Apr 2024 17:13

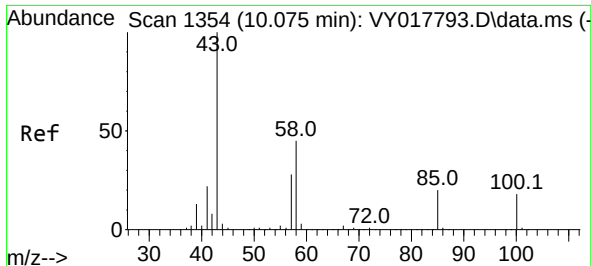
Tgt Ion: 98 Resp: 309288

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 236.978 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

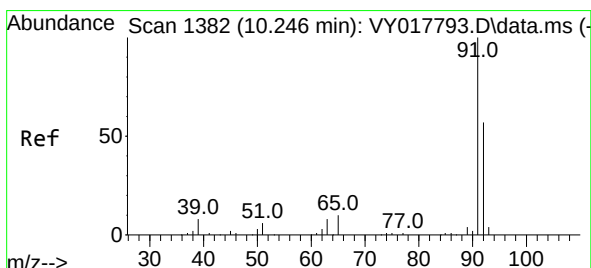
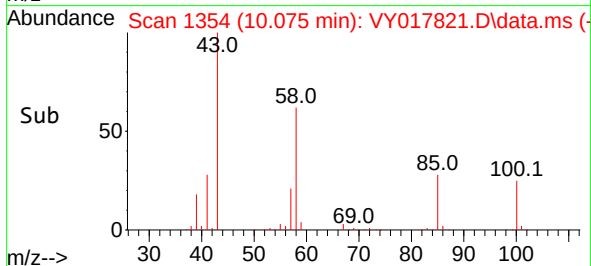
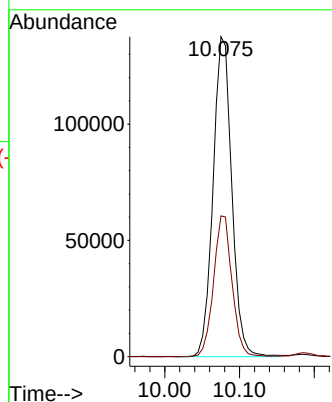
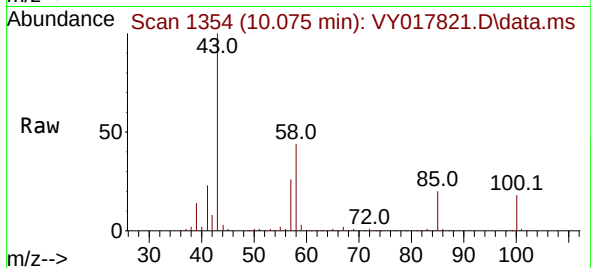
VSTDCCC050EC

Tgt Ion: 43 Resp: 239948

Ion Ratio Lower Upper

43 100

58 43.5 35.7 53.5



#52

Toluene

Concen: 42.937 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY017821.D

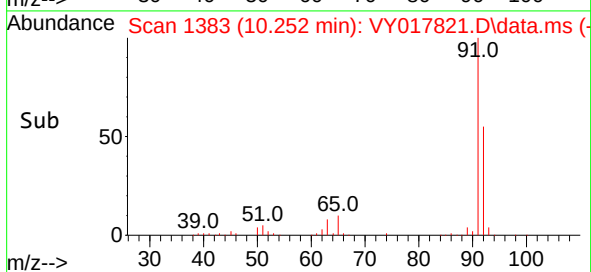
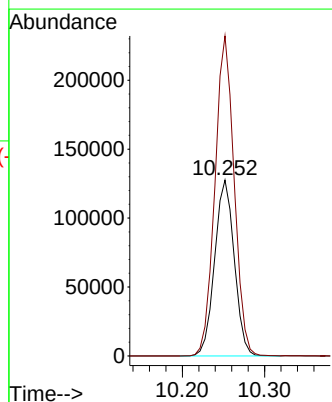
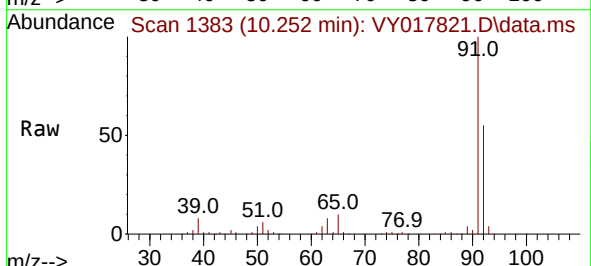
Acq: 02 Apr 2024 17:13

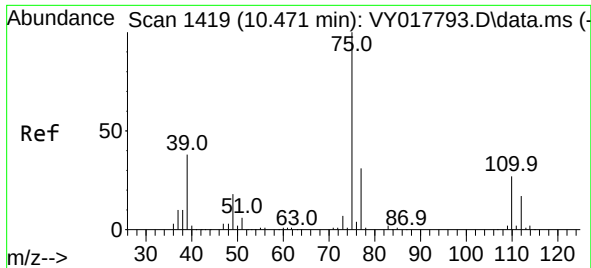
Tgt Ion: 92 Resp: 211412

Ion Ratio Lower Upper

92 100

91 178.8 139.0 208.6

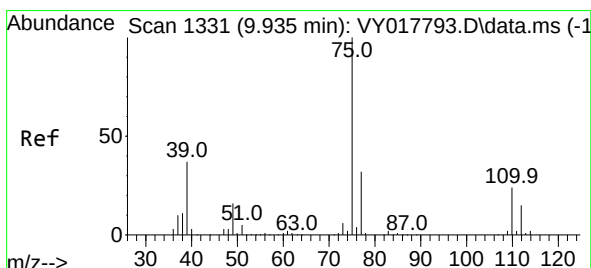
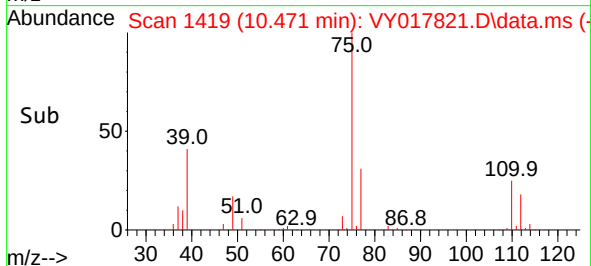
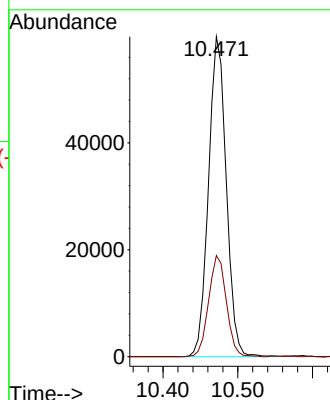
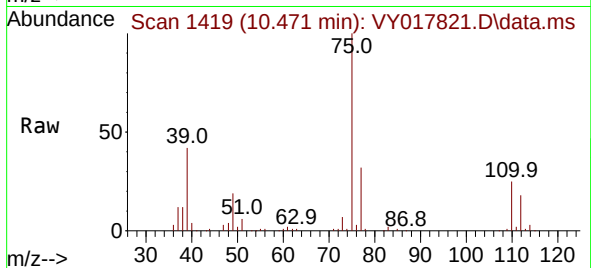




#53
t-1,3-Dichloropropene
Concen: 41.164 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

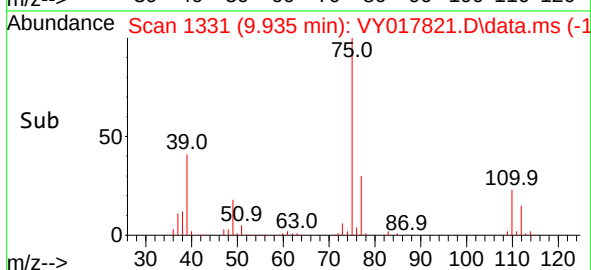
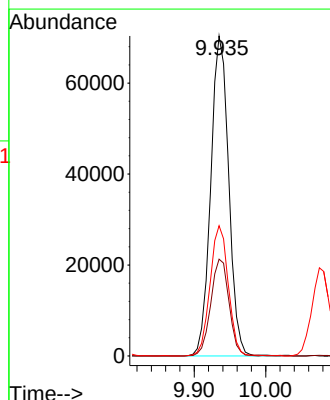
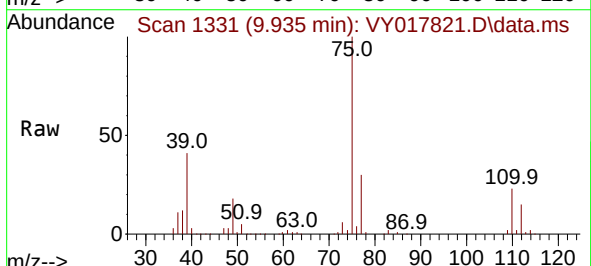
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

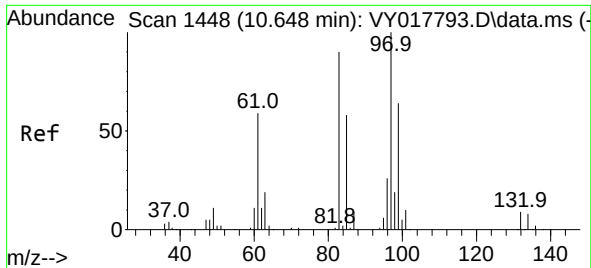
Tgt Ion: 75 Resp: 98969
Ion Ratio Lower Upper
75 100
77 31.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 41.808 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 75 Resp: 122677
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0
39 40.7 29.8 44.6

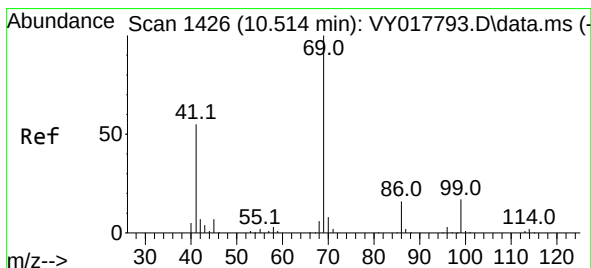
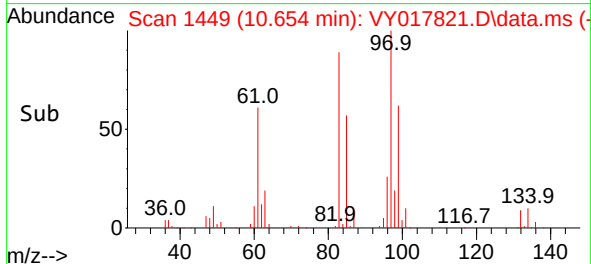
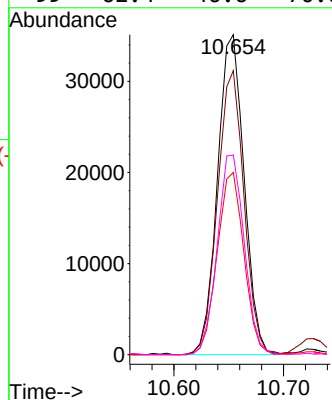
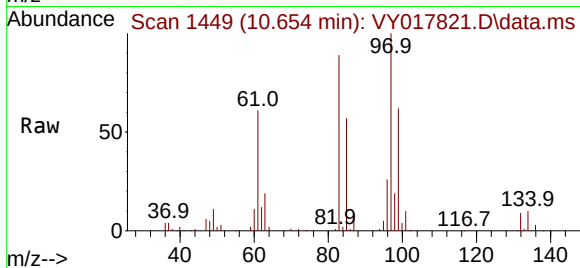




#55
1,1,2-Trichloroethane
Concen: 41.599 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

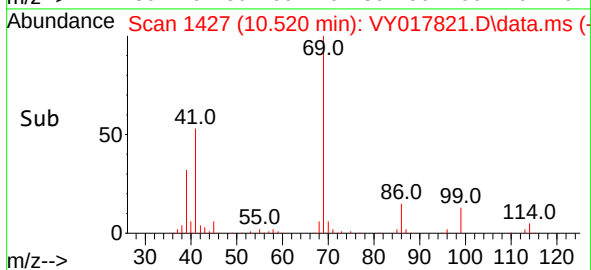
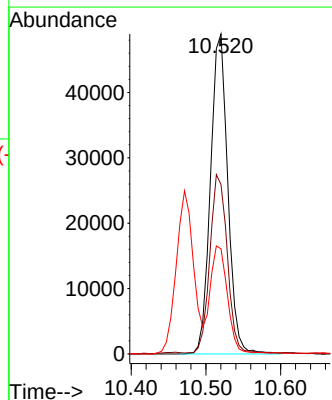
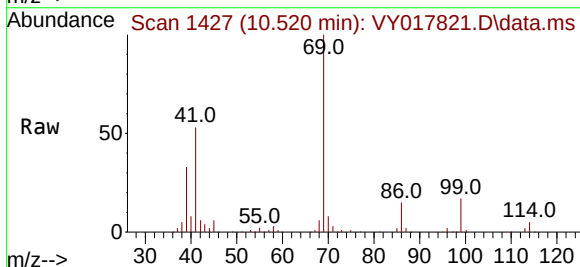
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

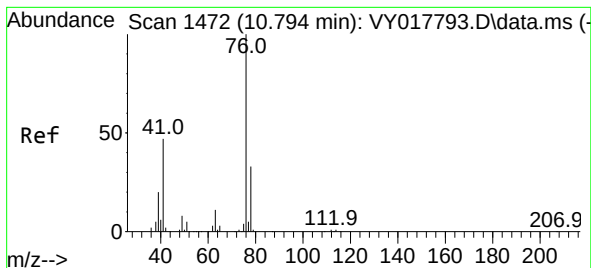
Tgt Ion: 97	Resp: 59400
Ion Ratio	Lower Upper
97 100	
83 88.8	67.5 101.3
85 57.0	42.9 64.3
99 62.4	46.6 70.0



#56
Ethyl methacrylate
Concen: 45.716 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 69	Resp: 78819
Ion Ratio	Lower Upper
69 100	
41 55.9	42.3 63.5
39 33.2	22.9 34.3





#57

1,3-Dichloropropane

Concen: 42.528 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

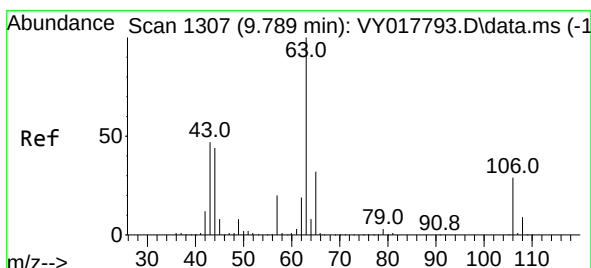
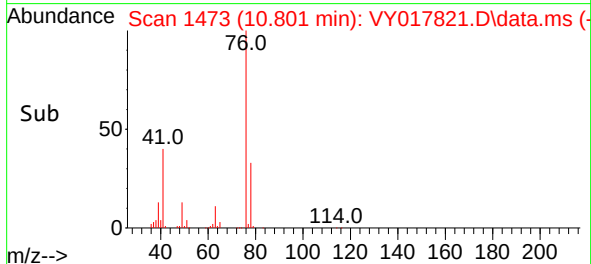
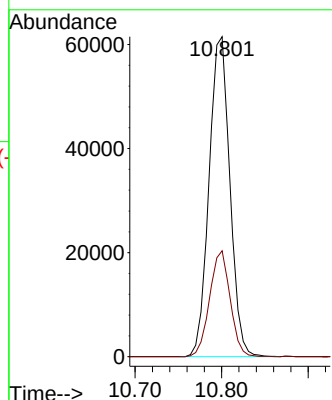
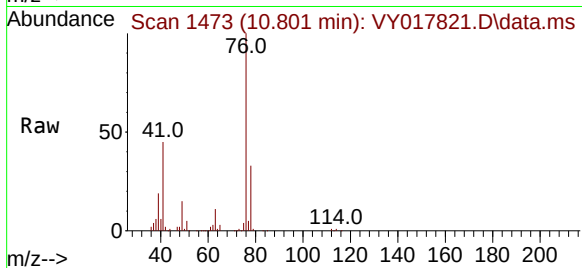
VSTDCCC050EC

Tgt Ion: 76 Resp: 102708

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 283.089 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY017821.D

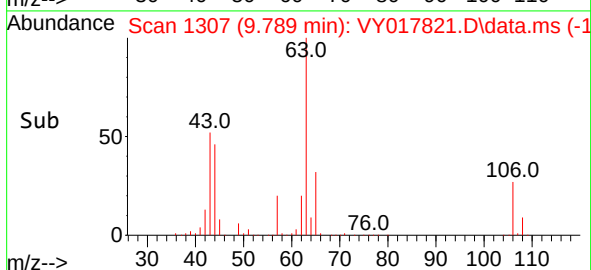
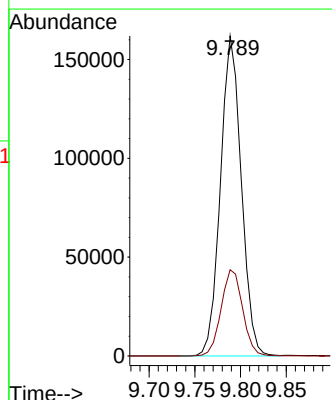
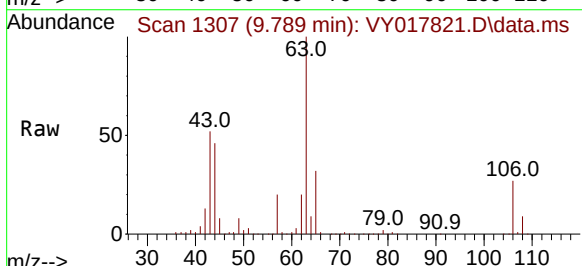
Acq: 02 Apr 2024 17:13

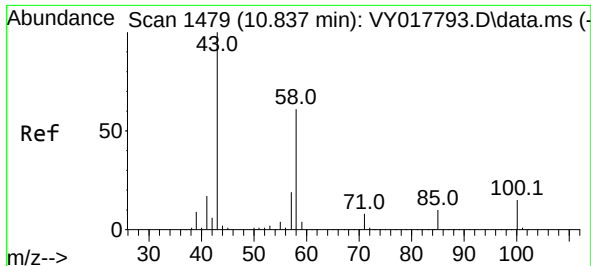
Tgt Ion: 63 Resp: 257226

Ion Ratio Lower Upper

63 100

106 27.8 23.7 35.5

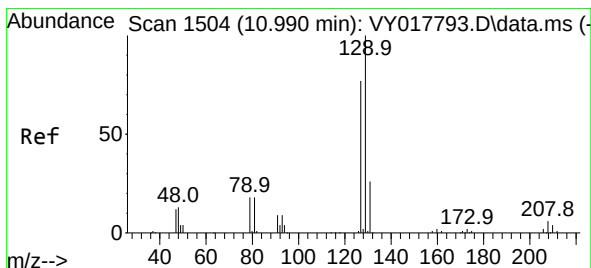
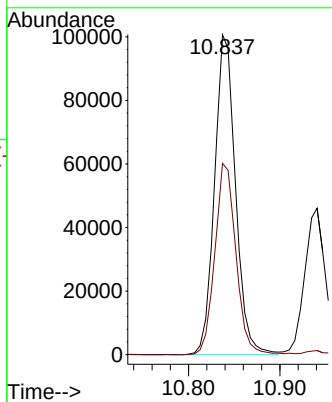
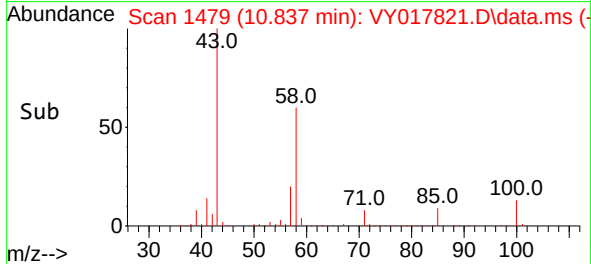
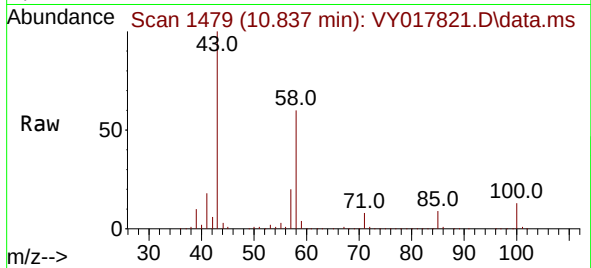




#59
2-Hexanone
Concen: 224.679 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

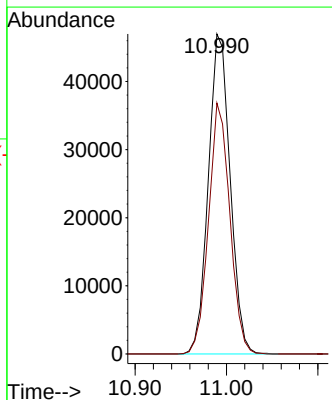
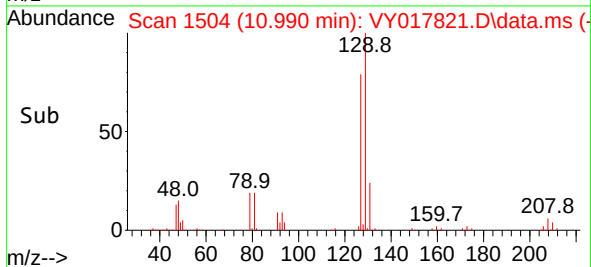
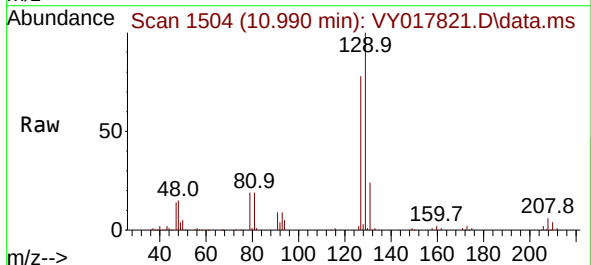
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

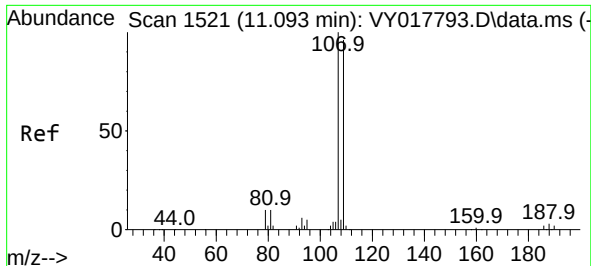
Tgt Ion: 43 Resp: 160398
Ion Ratio Lower Upper
43 100
58 60.3 31.4 94.0



#60
Dibromochloromethane
Concen: 43.284 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 129 Resp: 77954
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

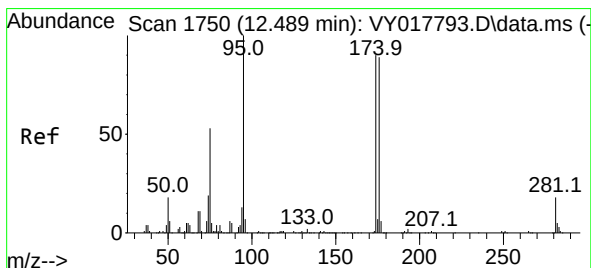
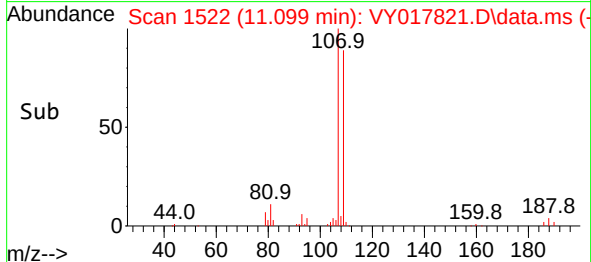
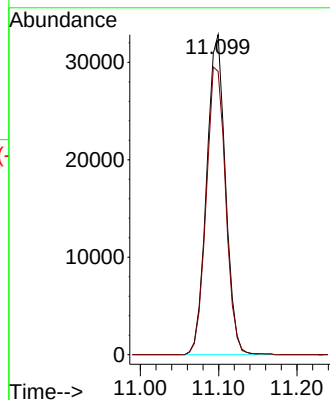
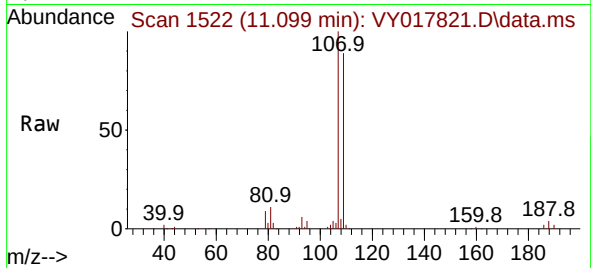




#61
1,2-Dibromoethane
Concen: 42.051 ug/l
RT: 11.099 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

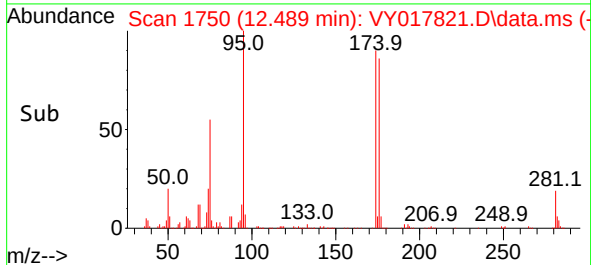
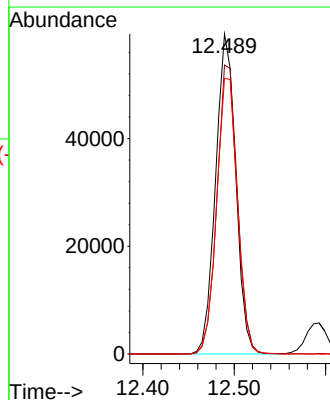
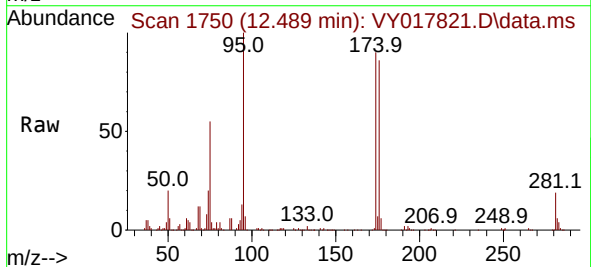
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

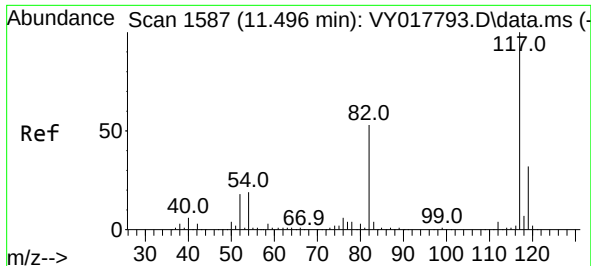
Tgt Ion:107 Resp: 54753
Ion Ratio Lower Upper
107 100
109 92.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 44.238 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 95 Resp: 90762
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 90.0 0.0 171.4

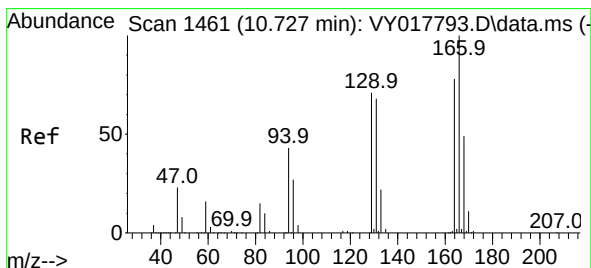
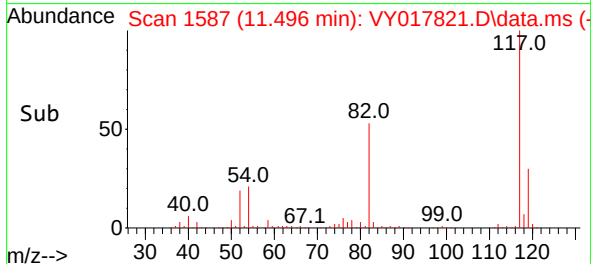
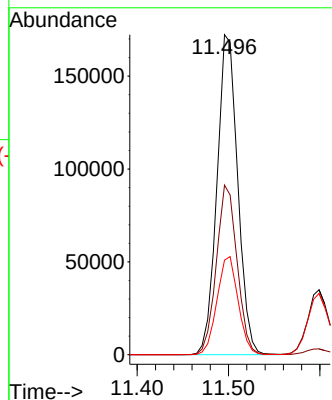
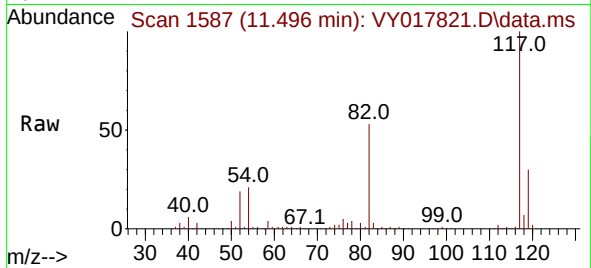




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

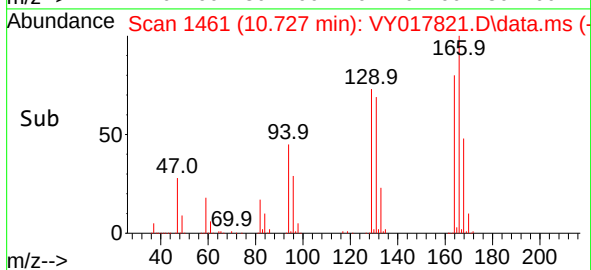
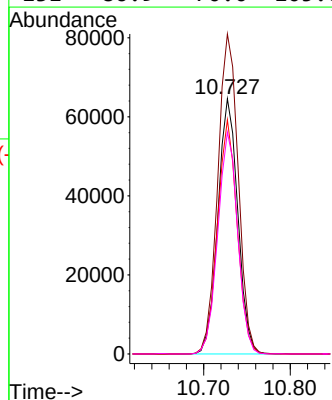
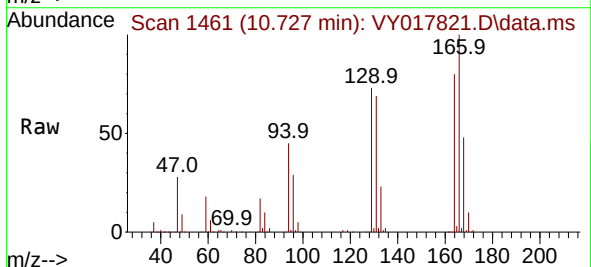
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

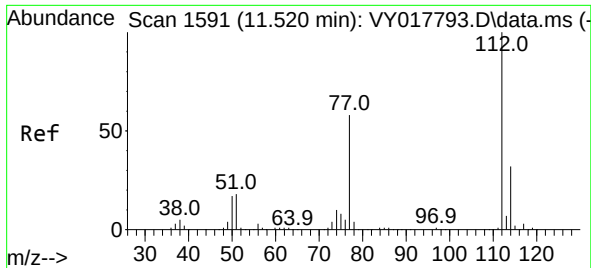
Tgt Ion:117 Resp: 272401
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 29.5 25.9 38.9



#64
Tetrachloroethene
Concen: 43.507 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion:164 Resp: 103367
Ion Ratio Lower Upper
164 100
166 125.4 102.6 154.0
129 91.7 72.0 108.0
131 86.9 70.0 105.0

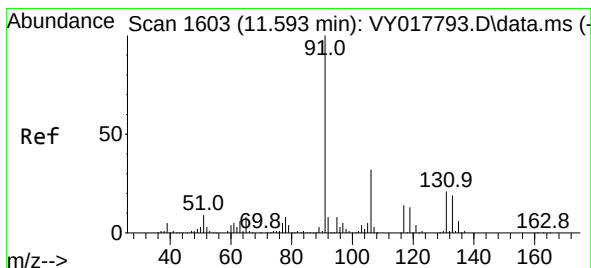
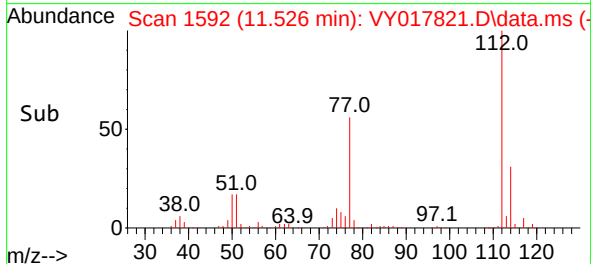
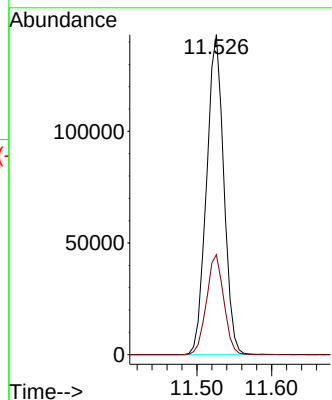
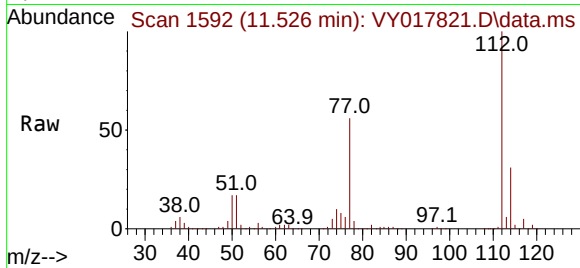




#65
Chlorobenzene
Concen: 41.015 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

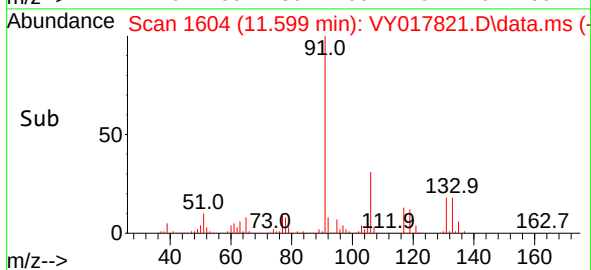
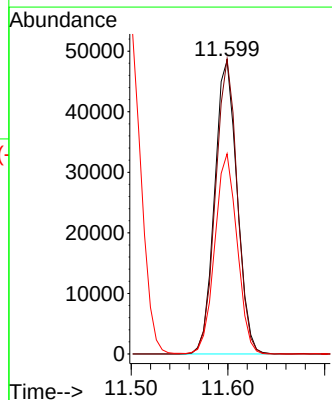
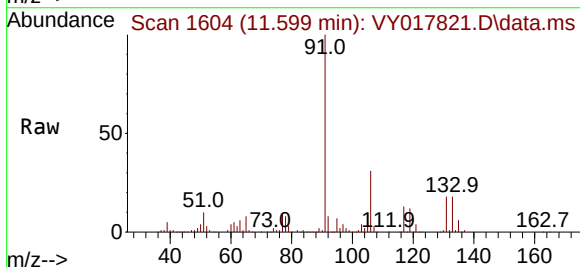
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

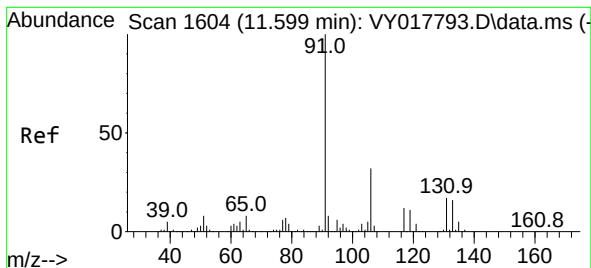
Tgt Ion:112 Resp: 229186
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 41.202 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion:131 Resp: 78174
Ion Ratio Lower Upper
131 100
133 97.2 47.8 143.3
119 67.6 34.1 102.2





#67

Ethyl Benzene

Concen: 43.001 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

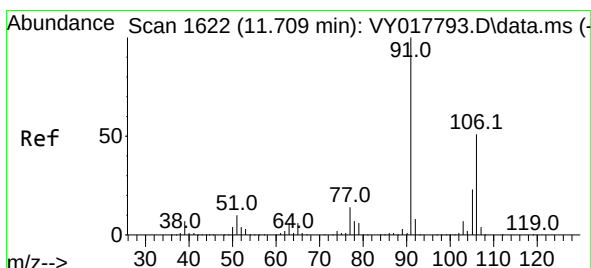
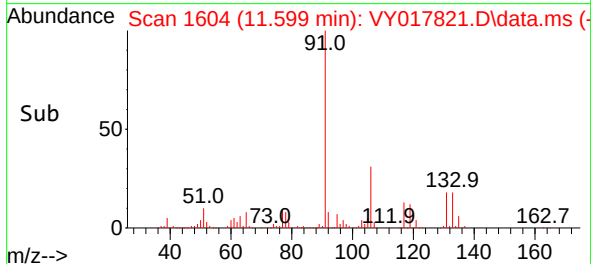
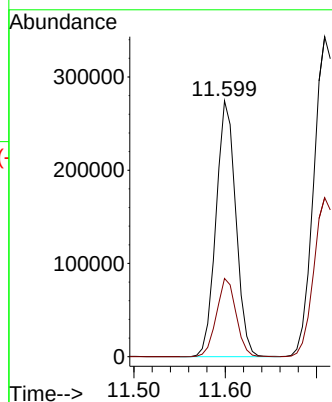
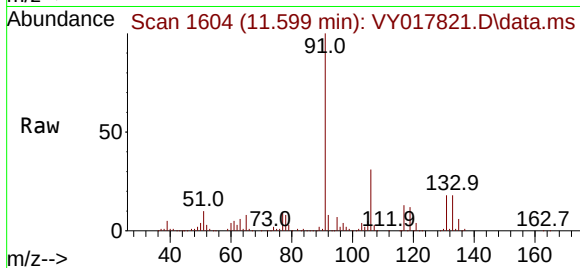
VSTDCCC050EC

Tgt Ion: 91 Resp: 413060

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 84.678 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017821.D

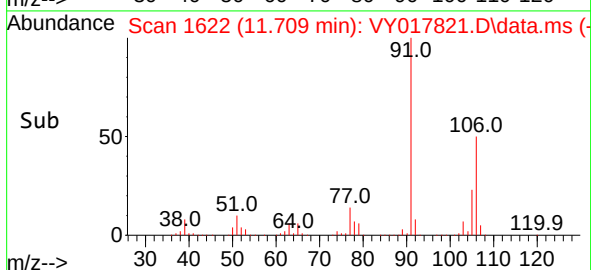
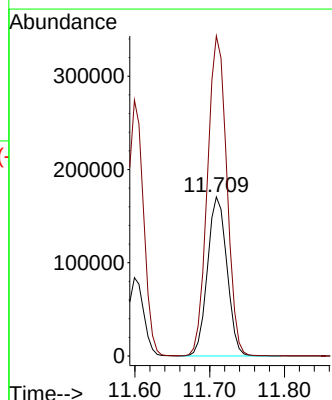
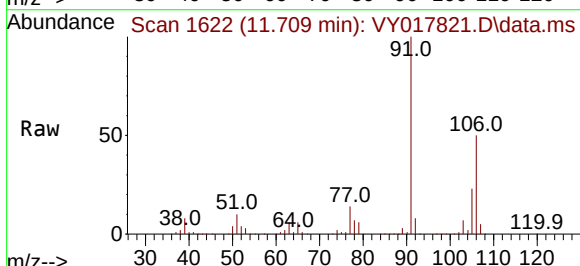
Acq: 02 Apr 2024 17:13

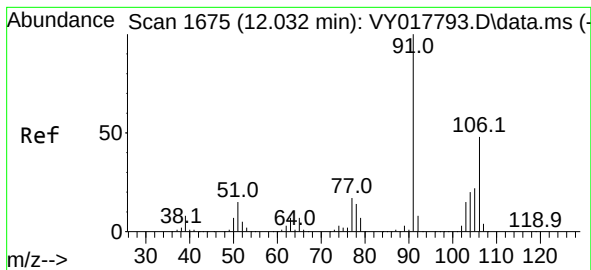
Tgt Ion: 106 Resp: 308479

Ion Ratio Lower Upper

106 100

91 200.6 156.0 234.0





#69

o-Xylene

Concen: 48.516 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

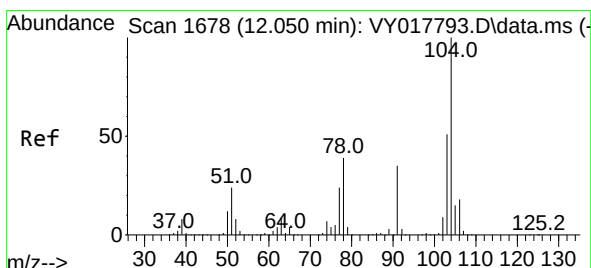
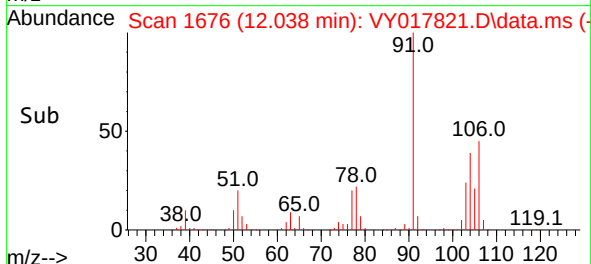
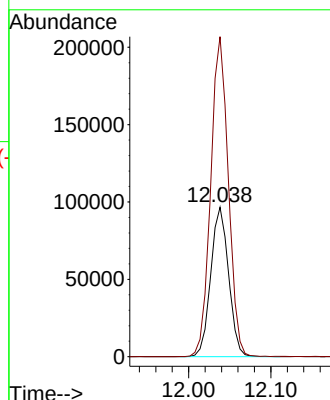
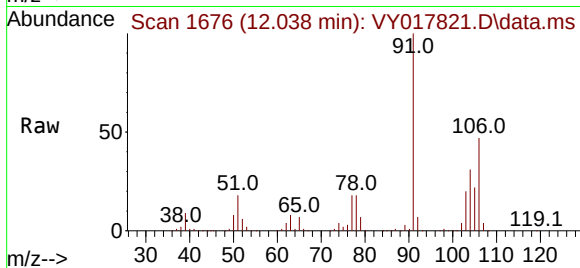
VSTDCCC050EC

Tgt Ion:106 Resp: 145479

Ion Ratio Lower Upper

106 100

91 212.4 103.6 310.8



#70

Styrene

Concen: 48.931 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

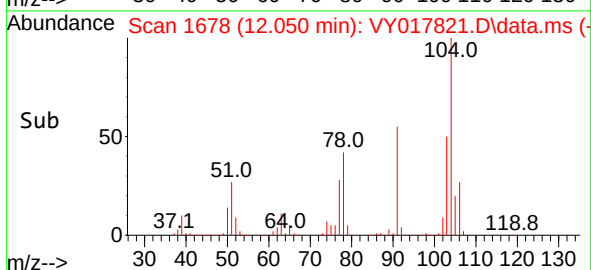
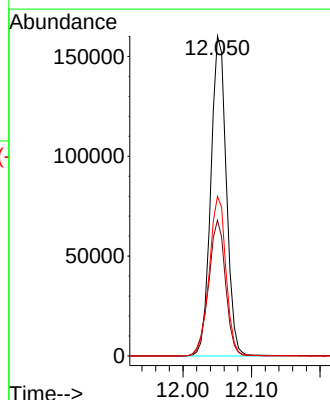
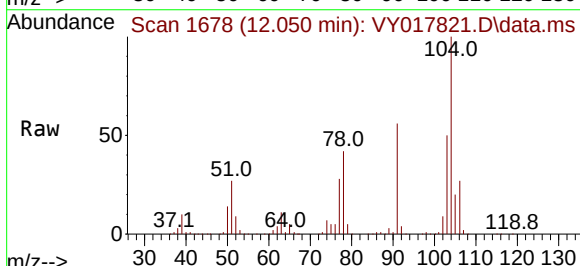
Tgt Ion:104 Resp: 253200

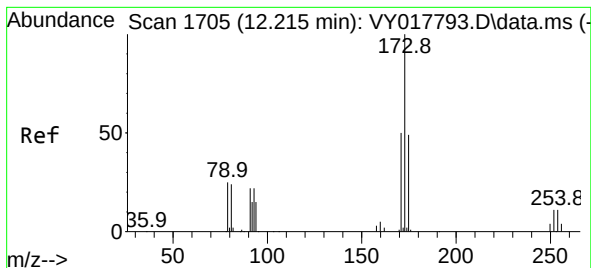
Ion Ratio Lower Upper

104 100

78 46.3 37.0 55.4

103 53.6 44.2 66.2





#71

Bromoform

Concen: 41.177 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

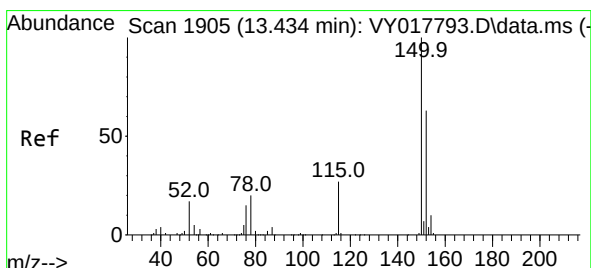
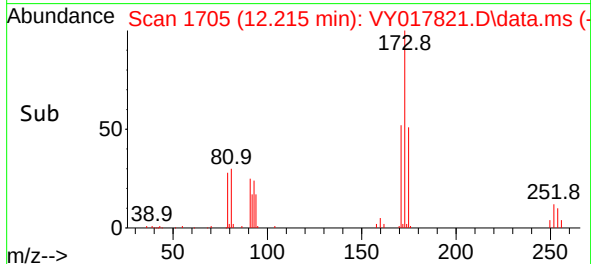
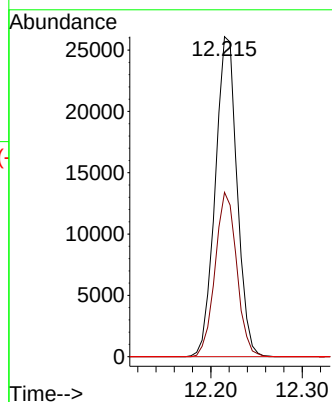
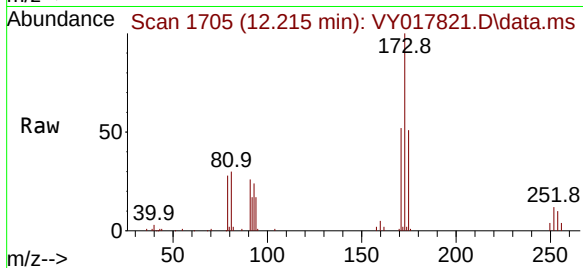
Tgt Ion:173 Resp: 43306

Ion Ratio Lower Upper

173 100

175 50.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

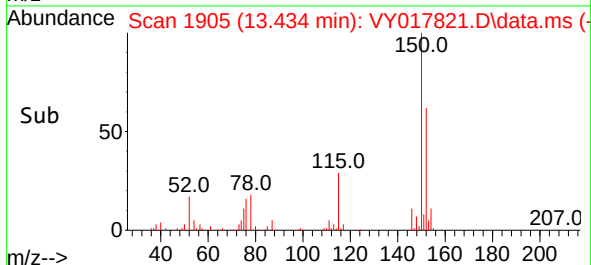
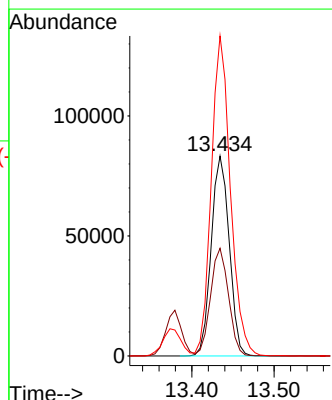
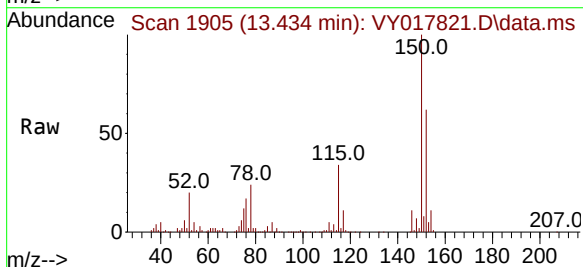
Tgt Ion:152 Resp: 126706

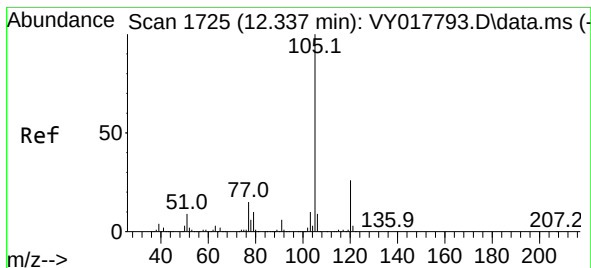
Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 170.0 0.0 345.6





#73

Isopropylbenzene

Concen: 42.703 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

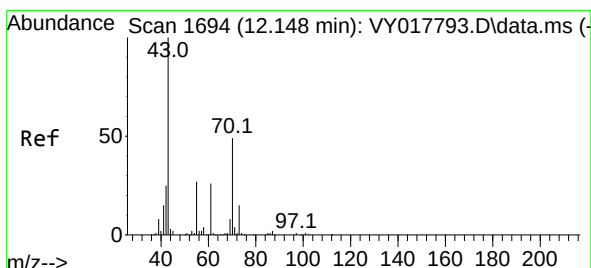
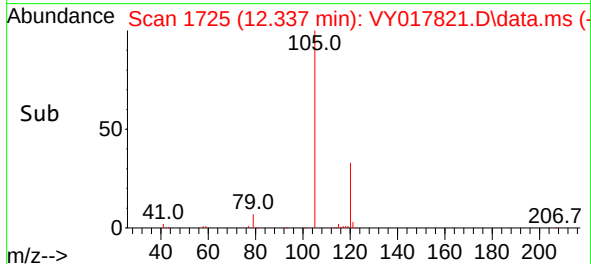
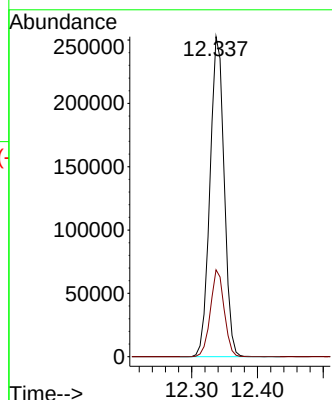
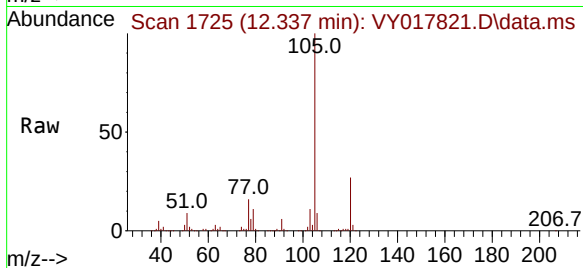
VSTDCCC050EC

Tgt Ion:105 Resp: 379184

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 45.356 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Tgt Ion: 43 Resp: 74655

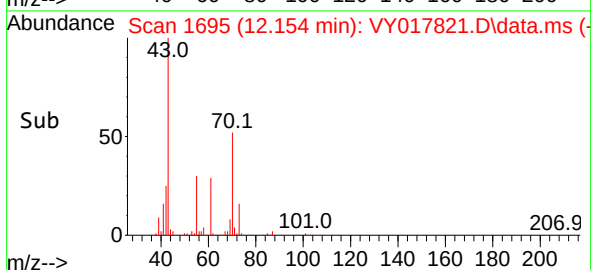
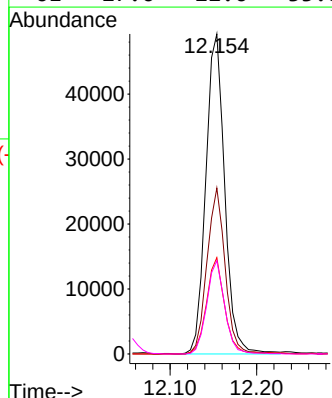
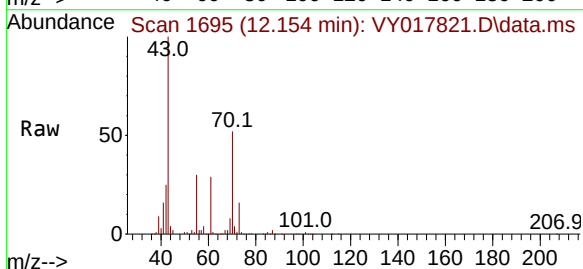
Ion Ratio Lower Upper

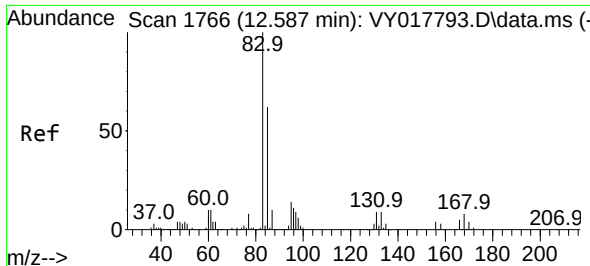
43 100

70 50.3 41.4 62.2

55 28.8 23.3 34.9

61 27.6 22.6 33.8

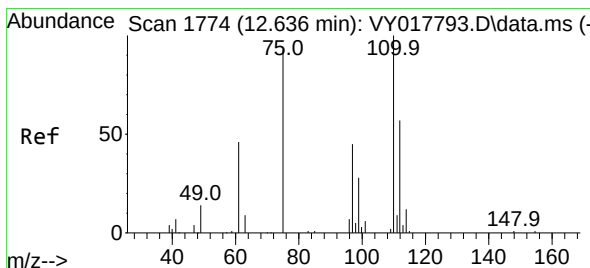
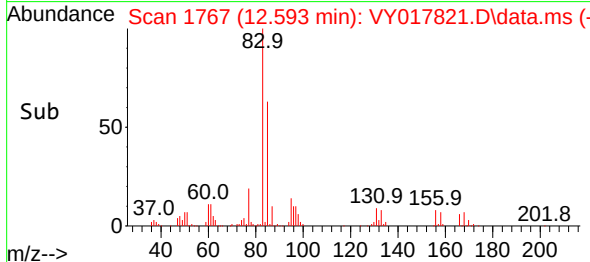
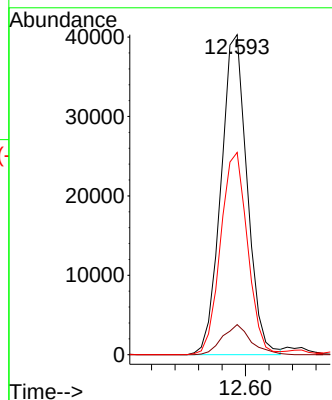
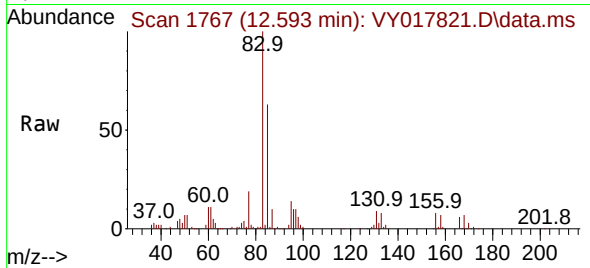




#75
1,1,2,2-Tetrachloroethane
Concen: 40.648 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

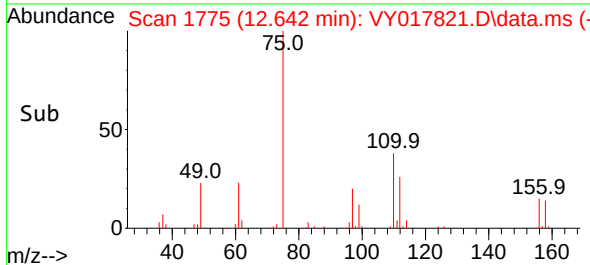
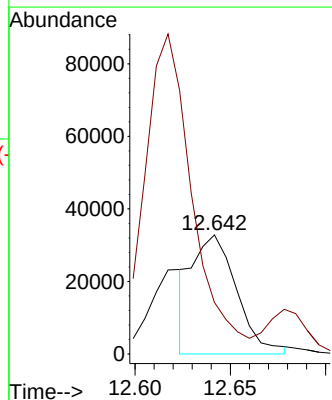
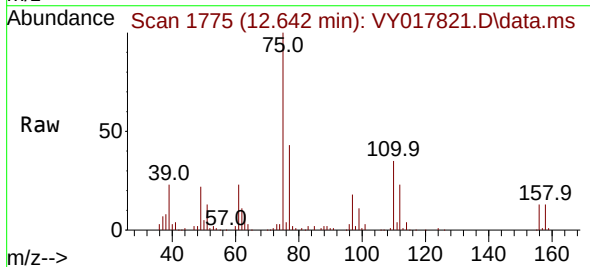
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

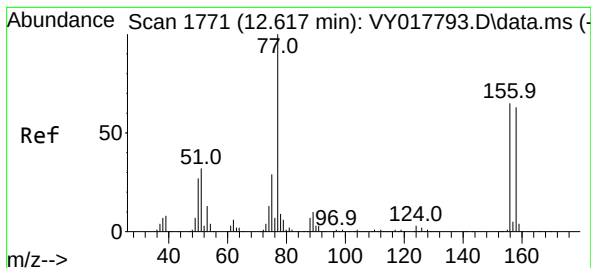
Tgt Ion: 83 Resp: 62435
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 65.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 45.923 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 75 Resp: 53024
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 41.282 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

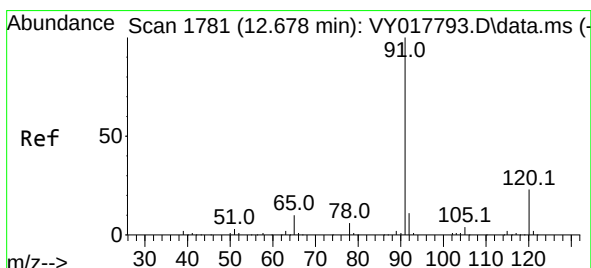
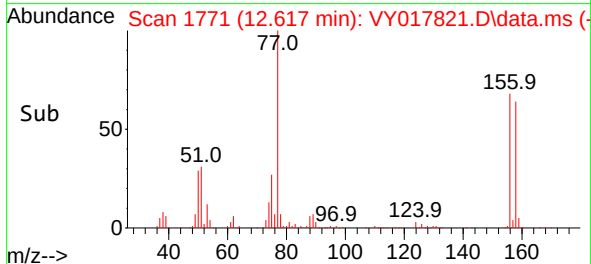
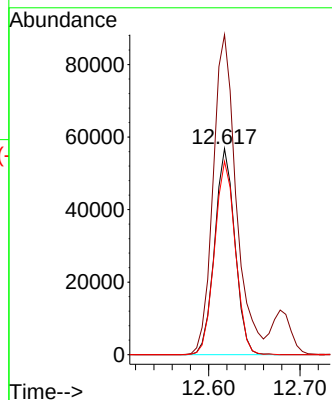
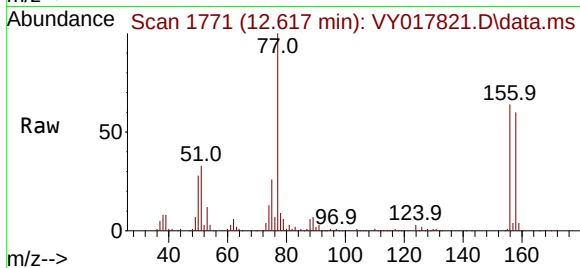
Tgt Ion:156 Resp: 87304

Ion Ratio Lower Upper

156 100

77 177.2 87.1 261.3

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 42.640 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017821.D

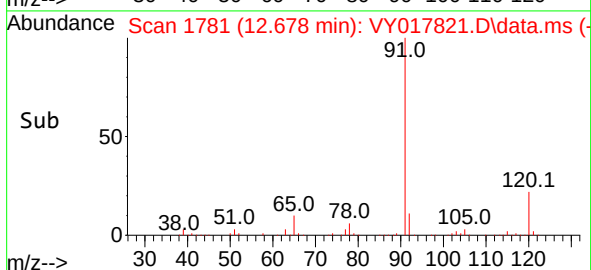
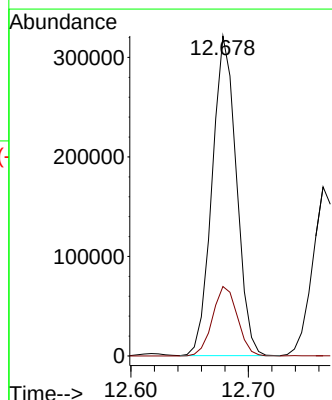
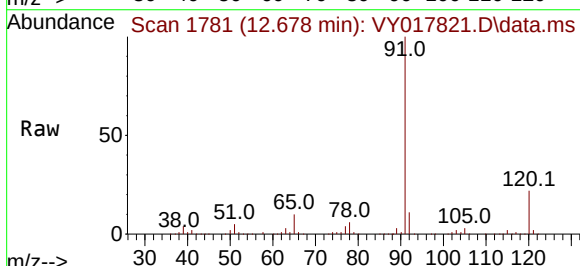
Acq: 02 Apr 2024 17:13

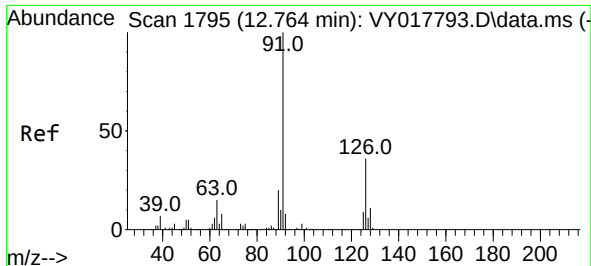
Tgt Ion: 91 Resp: 461997

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4

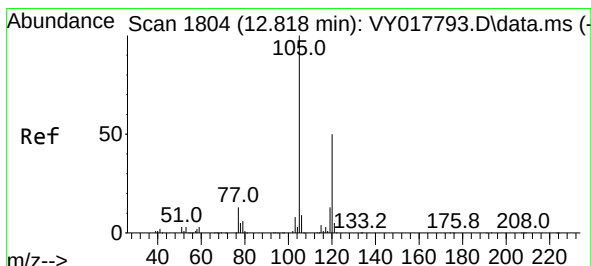
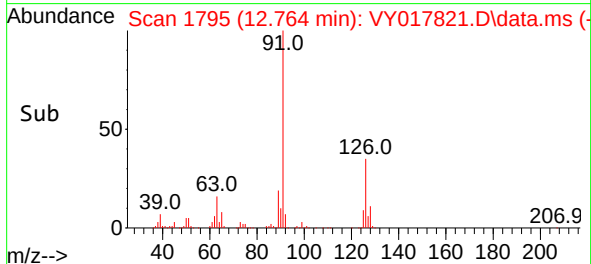
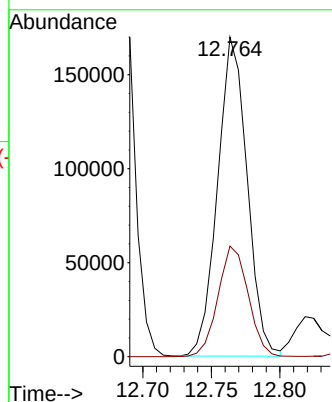
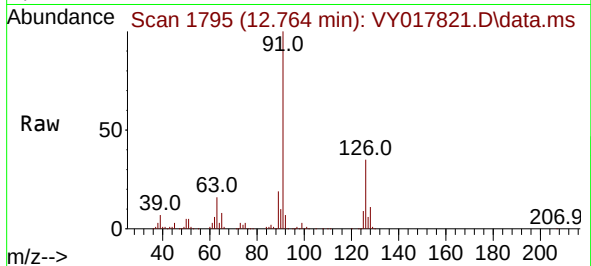




#79
2-Chlorotoluene
Concen: 42.955 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

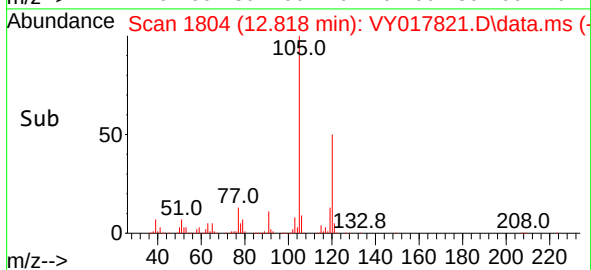
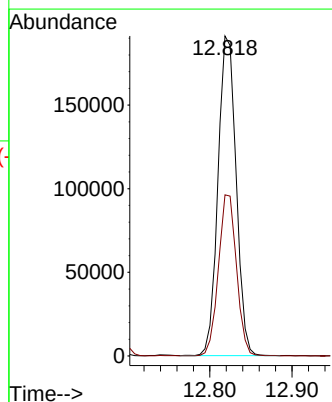
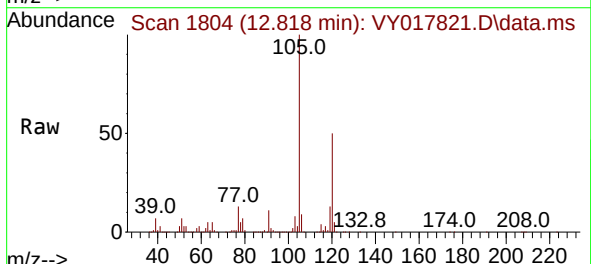
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

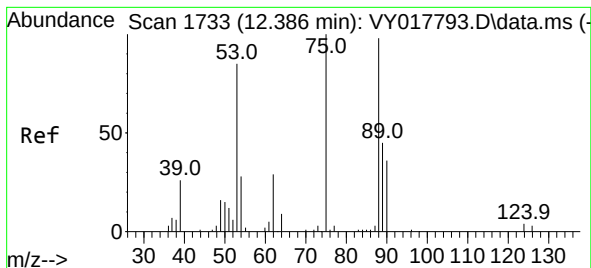
Tgt Ion: 91 Resp: 254931
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 42.234 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 105 Resp: 292676
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.2

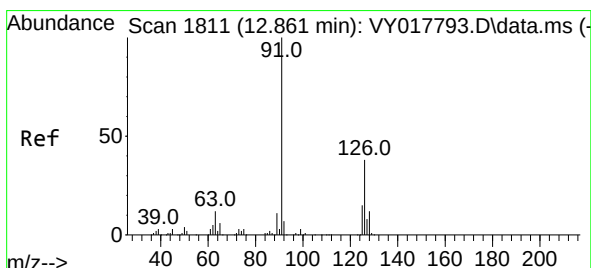
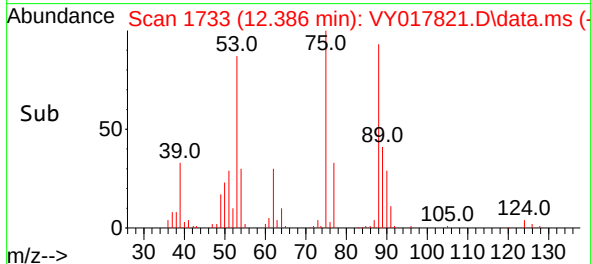
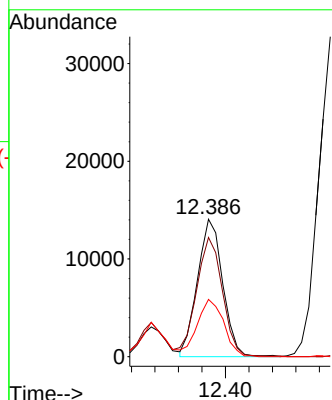
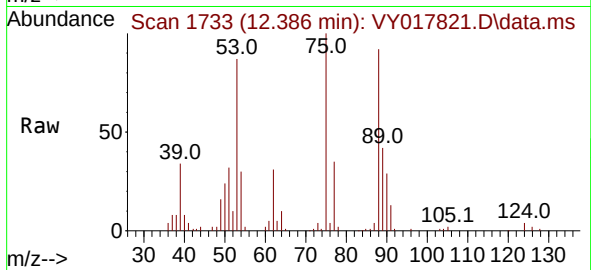




#81
trans-1,4-Dichloro-2-butene
Concen: 43.466 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

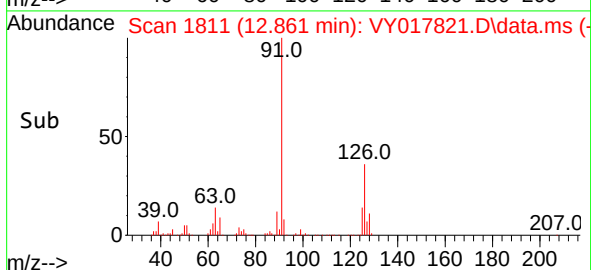
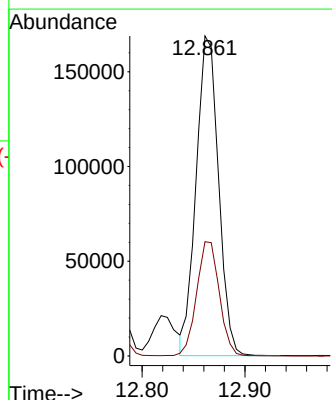
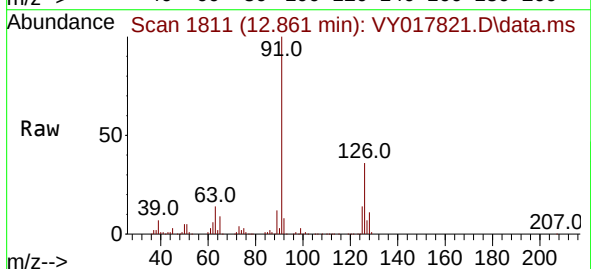
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

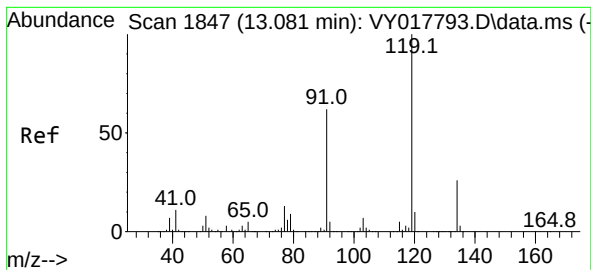
Tgt Ion: 75 Resp: 21061
Ion Ratio Lower Upper
75 100
53 89.8 66.8 100.2
89 43.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 41.625 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017821.D
Acq: 02 Apr 2024 17:13

Tgt Ion: 91 Resp: 255796
Ion Ratio Lower Upper
91 100
126 36.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 42.630 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

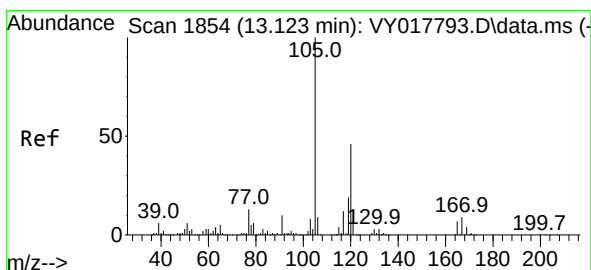
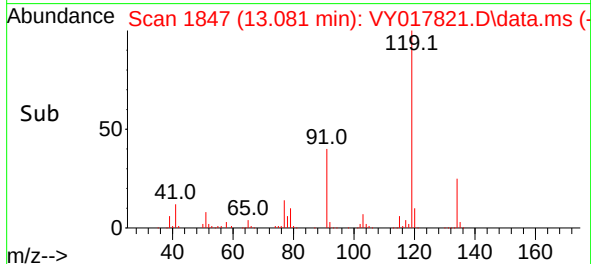
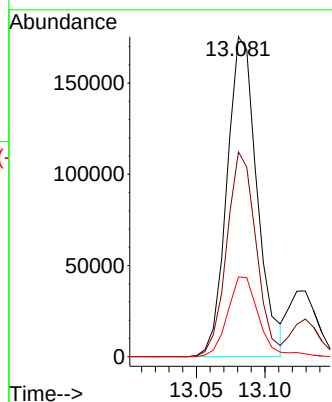
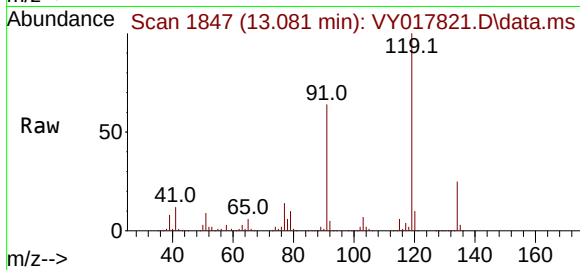
Tgt Ion:119 Resp: 268586

Ion Ratio Lower Upper

119 100

91 62.4 31.3 93.8

134 25.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 43.203 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017821.D

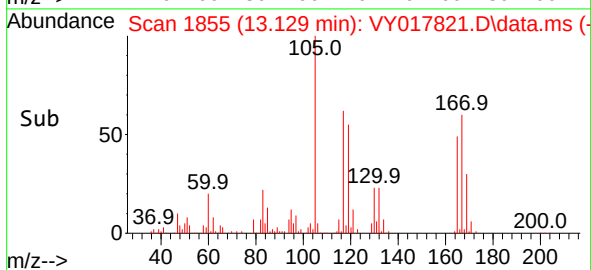
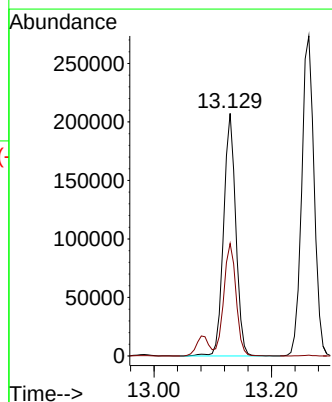
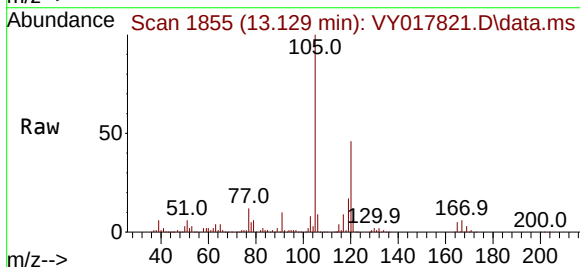
Acq: 02 Apr 2024 17:13

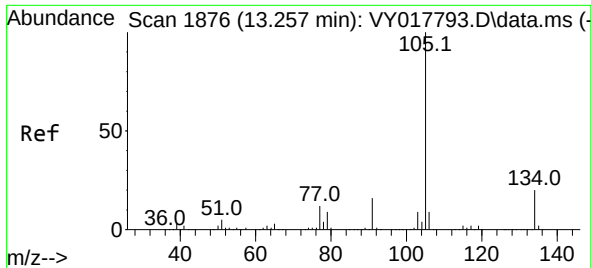
Tgt Ion:105 Resp: 298174

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6

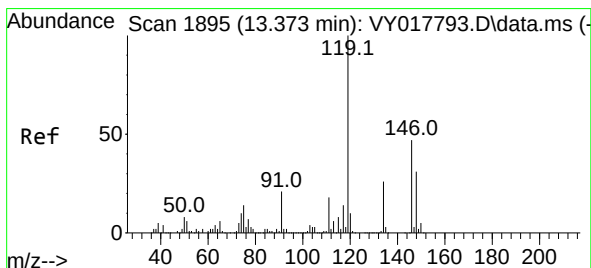
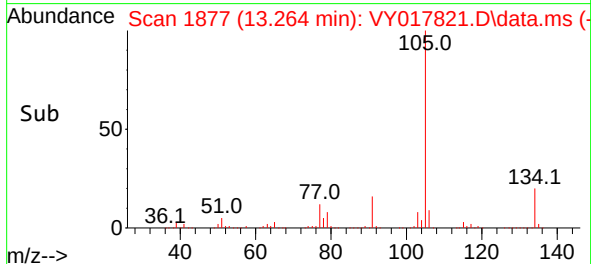
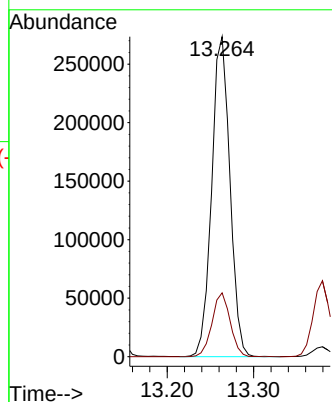
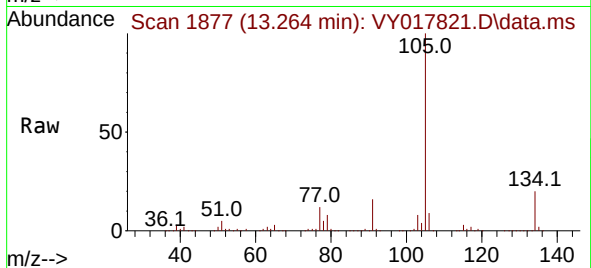




#85
 sec-Butylbenzene
 Concen: 42.266 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY017821.D
 Acq: 02 Apr 2024 17:13

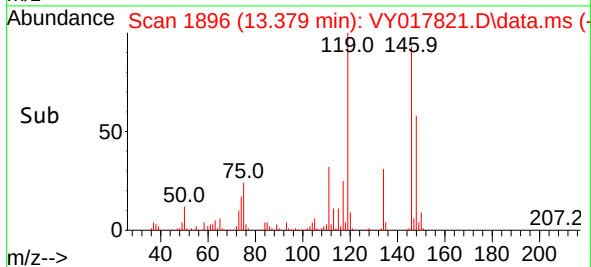
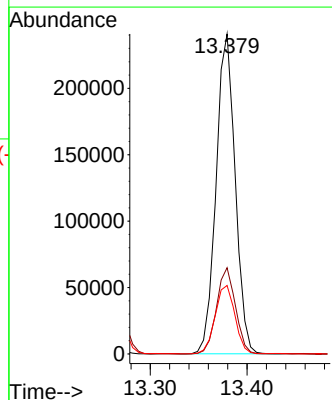
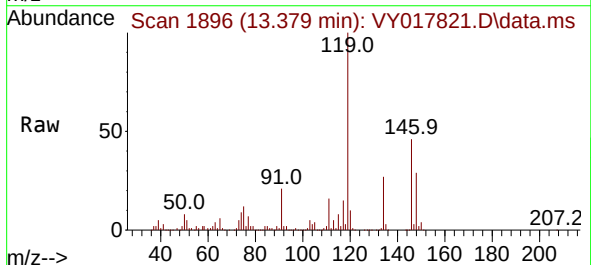
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

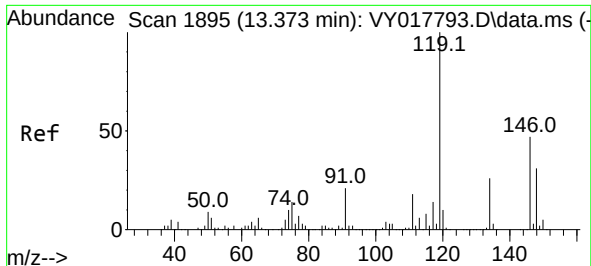
Tgt Ion:105 Resp: 399674
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 41.603 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY017821.D
 Acq: 02 Apr 2024 17:13

Tgt Ion:119 Resp: 328837
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 41.536 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

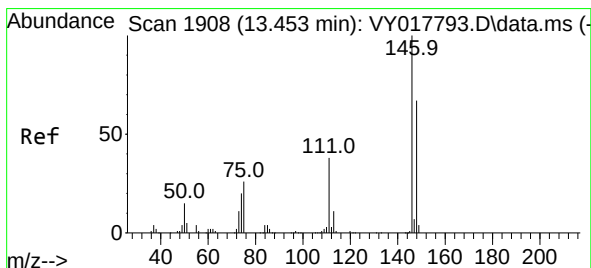
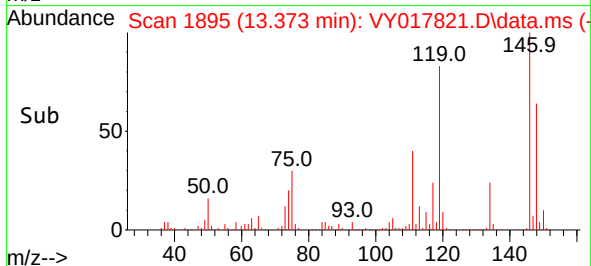
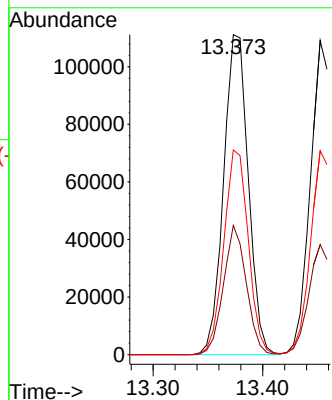
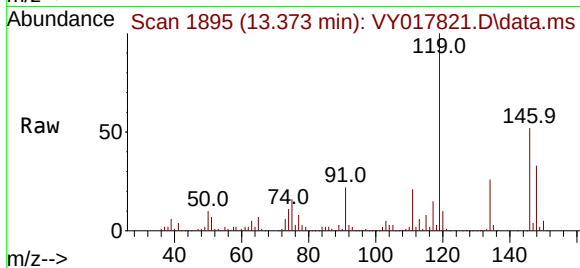
Tgt Ion:146 Resp: 174298

Ion Ratio Lower Upper

146 100

111 37.3 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 41.312 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

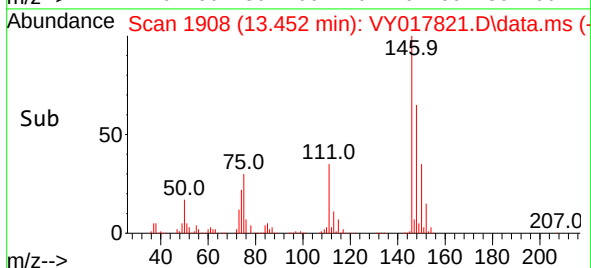
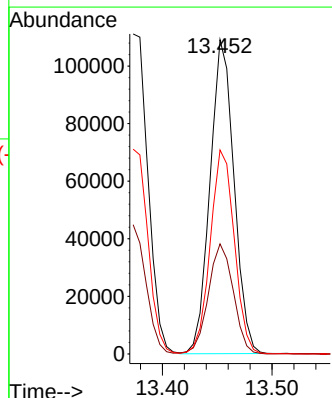
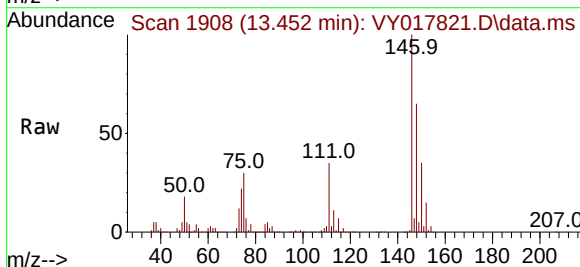
Tgt Ion:146 Resp: 165930

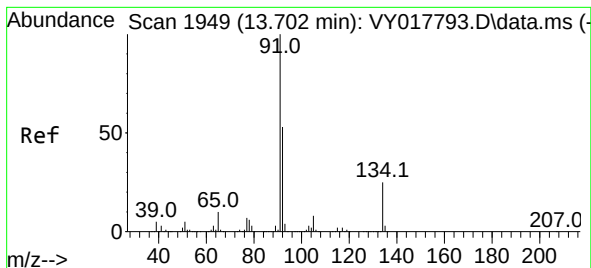
Ion Ratio Lower Upper

146 100

111 36.4 18.4 55.4

148 65.3 32.4 97.2





#89

n-Butylbenzene

Concen: 40.388 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

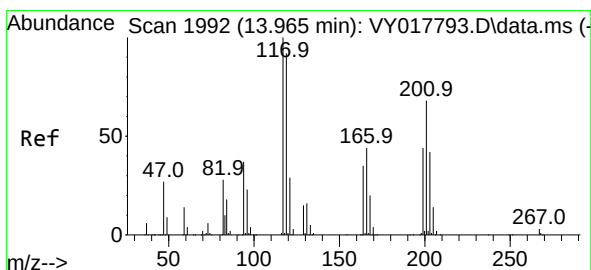
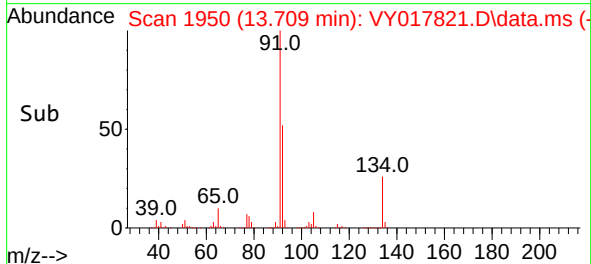
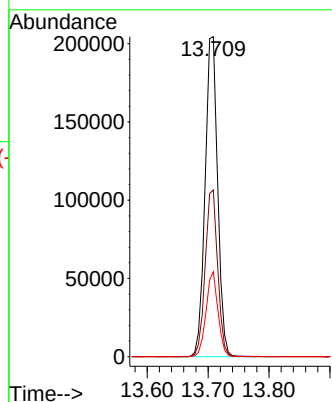
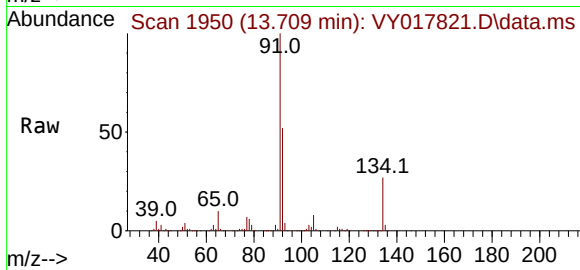
Tgt Ion: 91 Resp: 293706

Ion Ratio Lower Upper

91 100

92 51.8 26.6 79.7

134 25.1 12.9 38.7



#90

Hexachloroethane

Concen: 42.317 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017821.D

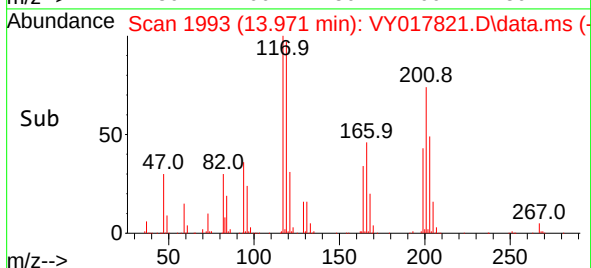
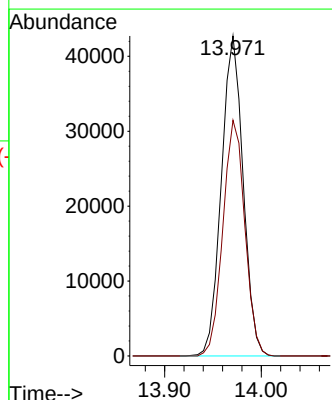
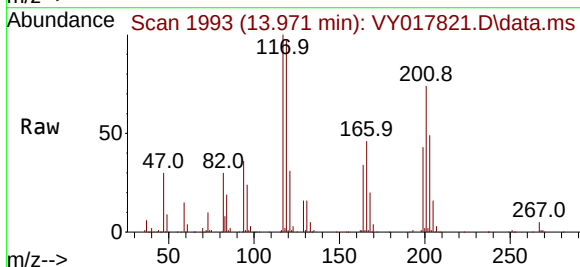
Acq: 02 Apr 2024 17:13

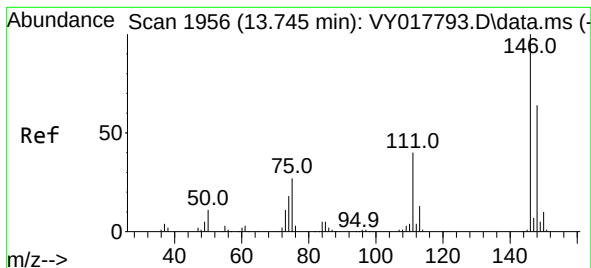
Tgt Ion: 117 Resp: 66511

Ion Ratio Lower Upper

117 100

201 74.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 41.766 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

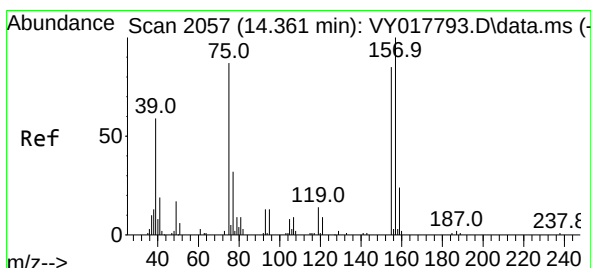
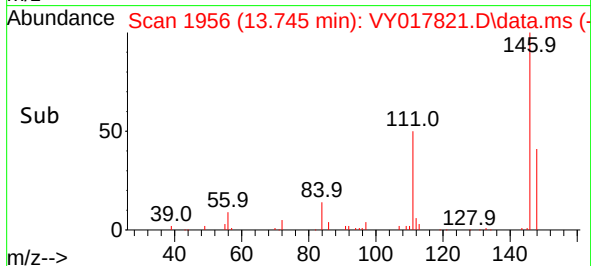
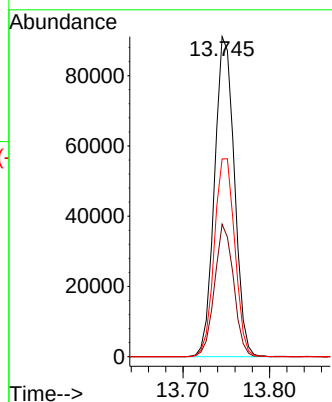
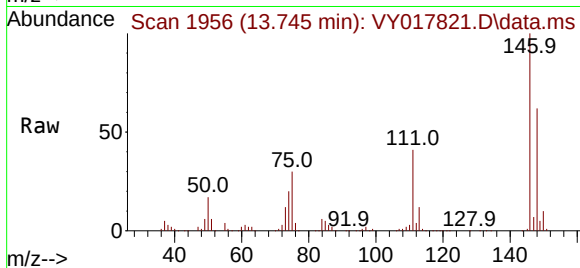
Tgt Ion:146 Resp: 145280

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.852 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

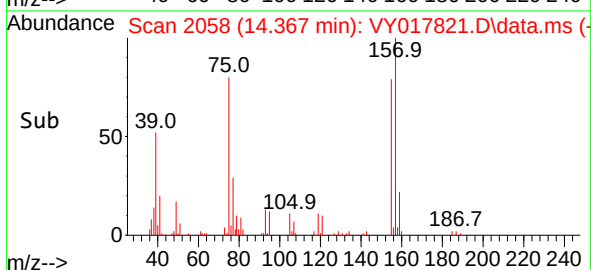
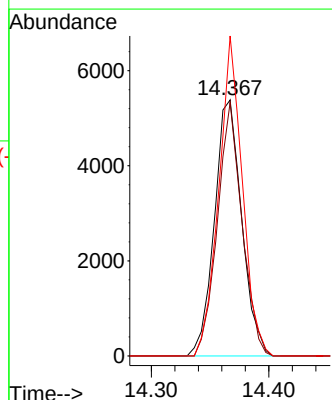
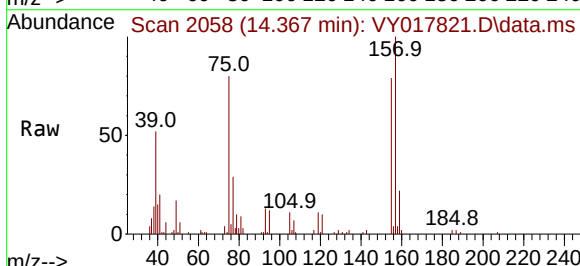
Tgt Ion: 75 Resp: 8687

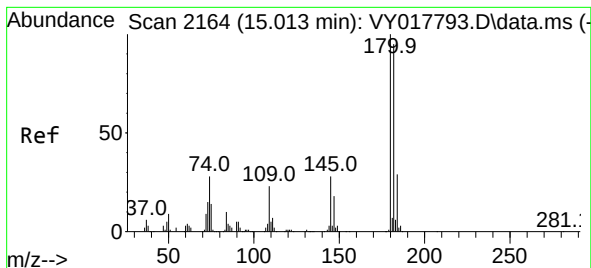
Ion Ratio Lower Upper

75 100

155 89.2 48.6 145.8

157 108.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 39.523 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

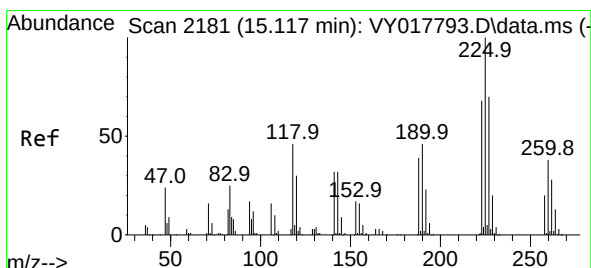
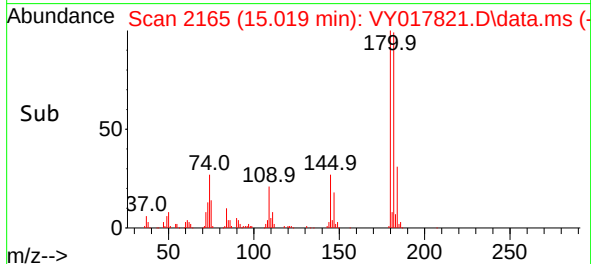
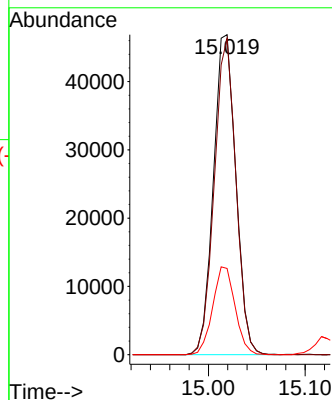
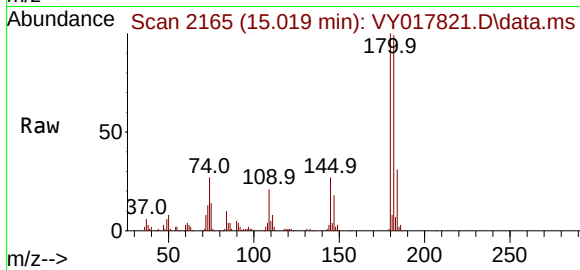
Tgt Ion:180 Resp: 75301

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 27.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 34.109 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

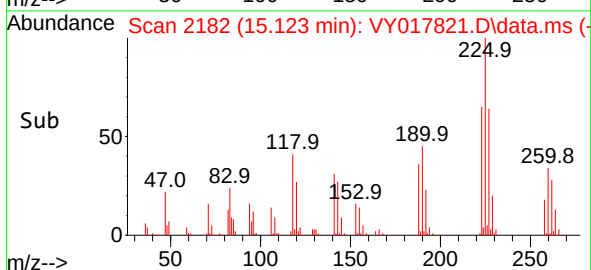
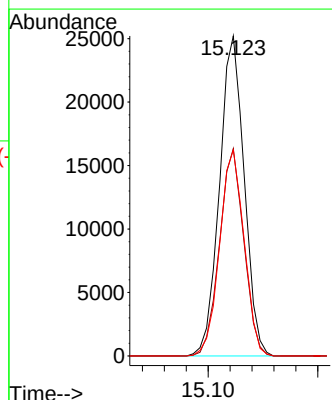
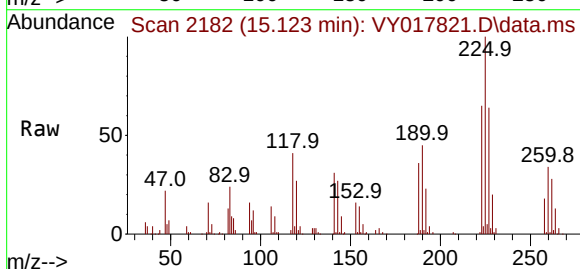
Tgt Ion:225 Resp: 39394

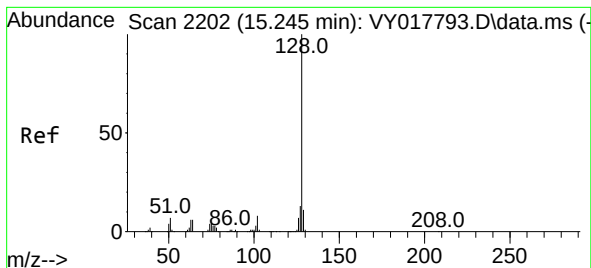
Ion Ratio Lower Upper

225 100

223 63.7 30.4 91.2

227 63.8 31.9 95.9





#95

Naphthalene

Concen: 43.604 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

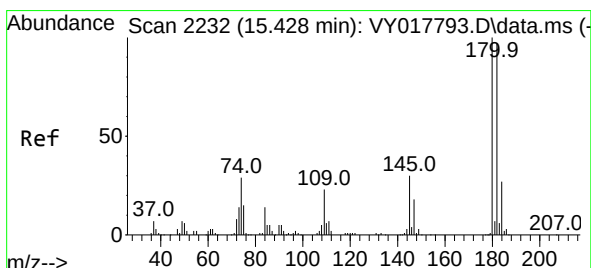
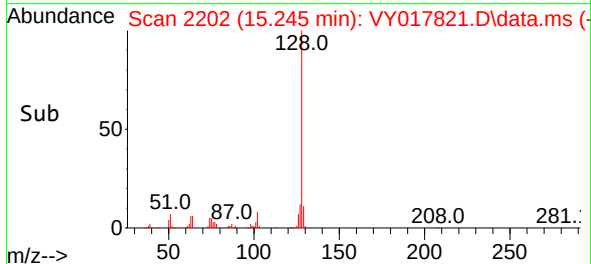
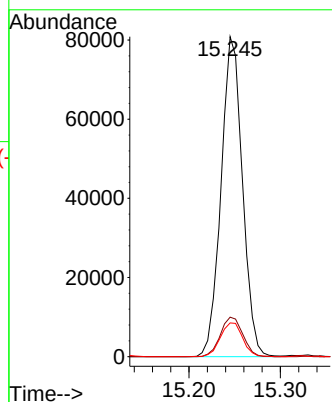
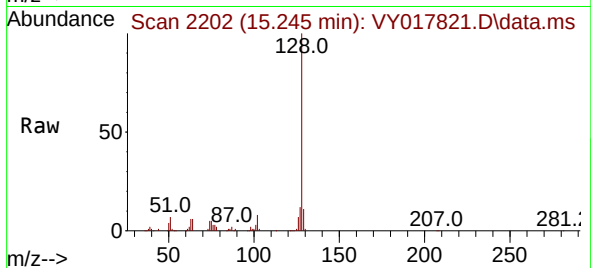
Tgt Ion:128 Resp: 131807

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 40.324 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017821.D

Acq: 02 Apr 2024 17:13

Tgt Ion:180 Resp: 64895

Ion Ratio Lower Upper

180 100

182 92.0 47.6 142.9

145 29.3 15.4 46.1

