

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019417.D
 Acq On : 30 Aug 2024 23:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 31 01:58:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	113632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	195450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	175151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	88678	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	66498	61.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.560%	
35) Dibromofluoromethane	7.634	113	66581	53.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.760%	
50) Toluene-d8	10.109	98	199975	43.962	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.920%	
62) 4-Bromofluorobenzene	12.407	95	83353	56.653	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 113.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	38577	41.664	ug/l	98
3) Chloromethane	2.068	50	75114	49.865	ug/l	99
4) Vinyl Chloride	2.202	62	84392	48.829	ug/l	96
5) Bromomethane	2.598	94	61127	55.554	ug/l	99
6) Chloroethane	2.732	64	55684	52.901	ug/l	97
7) Trichlorofluoromethane	3.055	101	88900	43.454	ug/l	95
8) Diethyl Ether	3.451	74	32435	67.127	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.811	101	56213	48.400	ug/l	95
10) Methyl Iodide	4.000	142	73622	65.031	ug/l	94
11) Tert butyl alcohol	4.854	59	18500	304.980	ug/l #	97
12) 1,1-Dichloroethene	3.793	96	57393	54.185	ug/l	98
13) Acrolein	3.653	56	14872	210.231	ug/l	99
14) Allyl chloride	4.378	41	83380	57.017	ug/l	93
15) Acrylonitrile	5.049	53	68115	345.070	ug/l	98
16) Acetone	3.872	43	51155	241.644	ug/l	92
17) Carbon Disulfide	4.104	76	170379	55.719	ug/l	99
18) Methyl Acetate	4.378	43	32087	68.657	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	155456	64.376	ug/l	98
20) Methylene Chloride	4.610	84	72982	64.906	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	67083	55.606	ug/l	98
22) Diisopropyl ether	6.012	45	196893	59.845	ug/l	93
23) Vinyl Acetate	5.951	43	538167	293.892	ug/l	94
24) 1,1-Dichloroethane	5.908	63	114270	57.473	ug/l	99
25) 2-Butanone	6.890	43	85436	301.720	ug/l	90
26) 2,2-Dichloropropane	6.878	77	74623	43.090	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	80927	58.586	ug/l	98
28) Bromochloromethane	7.237	49	47756	58.462	ug/l	94
29) Tetrahydrofuran	7.250	42	56985	334.934	ug/l	91
30) Chloroform	7.420	83	126356	56.771	ug/l	97
31) Cyclohexane	7.701	56	86722	47.381	ug/l	100
32) 1,1,1-Trichloroethane	7.615	97	111344	53.905	ug/l	98
36) 1,1-Dichloropropene	7.835	75	84606	48.449	ug/l	99
37) Ethyl Acetate	6.981	43	40454	58.525	ug/l	95
38) Carbon Tetrachloride	7.817	117	99096	46.560	ug/l	97
39) Methylcyclohexane	9.109	83	101867	45.490	ug/l	96
40) Benzene	8.079	78	275498	51.839	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	23452m	56.260	ug/l	
42) 1,2-Dichloroethane	8.158	62	76000	53.887	ug/l	97
43) Isopropyl Acetate	8.195	43	78783	58.402	ug/l #	81
44) Trichloroethene	8.865	130	73644	50.454	ug/l	100
45) 1,2-Dichloropropane	9.139	63	62268	54.061	ug/l	94
46) Dibromomethane	9.231	93	38353	55.355	ug/l	98
47) Bromodichloromethane	9.426	83	101395	55.413	ug/l	98
48) Methyl methacrylate	9.219	41	38075	59.700	ug/l	88
49) 1,4-Dioxane	9.231	88	8136	1071.830	ug/l #	91
51) 4-Methyl-2-Pentanone	9.999	43	165806	234.723	ug/l	95
52) Toluene	10.170	92	145830	41.857	ug/l	98
53) t-1,3-Dichloropropene	10.395	75	56548	37.416	ug/l	90
54) cis-1,3-Dichloropropene	9.853	75	78472	43.850	ug/l	94
55) 1,1,2-Trichloroethane	10.572	97	38650	43.731	ug/l	95
56) Ethyl methacrylate	10.438	69	50882	44.317	ug/l #	86
57) 1,3-Dichloropropane	10.718	76	65016	45.031	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	126616	245.985	ug/l	95
59) 2-Hexanone	10.761	43	106385	227.108	ug/l	93
60) Dibromochloromethane	10.914	129	55094	45.723	ug/l	100
61) 1,2-Dibromoethane	11.017	107	38669	47.491	ug/l	99
64) Tetrachloroethene	10.651	164	64322	37.600	ug/l	95
65) Chlorobenzene	11.444	112	196950	50.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	70584	51.945	ug/l	97
67) Ethyl Benzene	11.517	91	344334	50.260	ug/l	98
68) m/p-Xylenes	11.627	106	273303	100.823	ug/l	99
69) o-Xylene	11.956	106	129482	51.283	ug/l	99
70) Styrene	11.968	104	221393	53.587	ug/l	98
71) Bromoform	12.133	173	40356	55.875	ug/l #	98
73) Isopropylbenzene	12.255	105	328031	46.392	ug/l	100
74) N-amyl acetate	12.072	43	74863	55.060	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	53317	50.735	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	43064m	55.297	ug/l	
77) Bromobenzene	12.535	156	78719	47.251	ug/l	97
78) n-propylbenzene	12.596	91	384893	45.051	ug/l	99
79) 2-Chlorotoluene	12.682	91	224380	47.141	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	266995	47.924	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	15618	49.617	ug/l #	87
82) 4-Chlorotoluene	12.779	91	233519	48.498	ug/l	99
83) tert-Butylbenzene	12.999	119	242385	47.569	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	269620	50.408	ug/l	99
85) sec-Butylbenzene	13.175	105	347732	46.565	ug/l	99
86) p-Isopropyltoluene	13.291	119	289890	47.656	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	153088	49.951	ug/l	99
88) 1,4-Dichlorobenzene	13.370	146	150075	49.077	ug/l	98
89) n-Butylbenzene	13.614	91	251979	45.084	ug/l	98
90) Hexachloroethane	13.876	117	58248	47.235	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	136014	50.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8763	59.593	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	69327	49.881	ug/l	98
94) Hexachlorobutadiene	15.023	225	38117	36.567	ug/l	99
95) Naphthalene	15.145	128	135430	59.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	61470	51.692	ug/l	98

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Response via : Initial Calibration

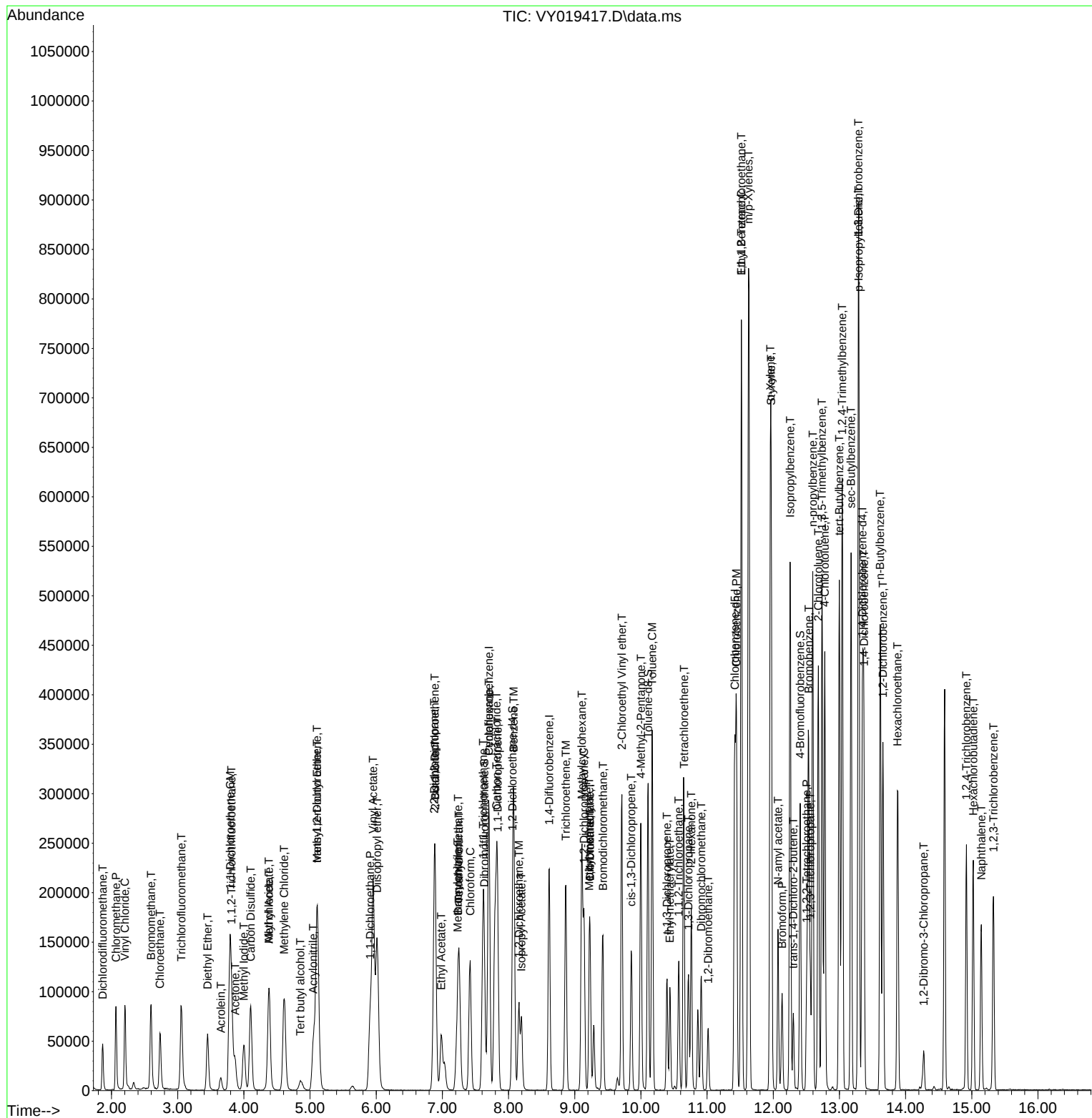
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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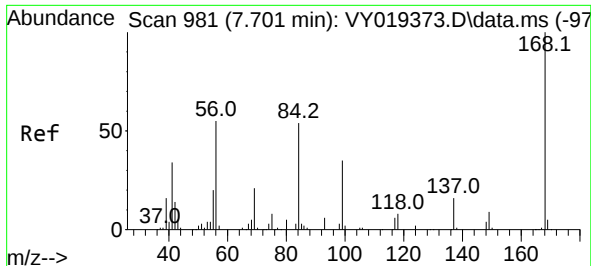
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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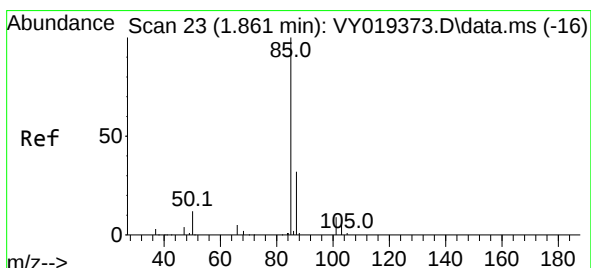
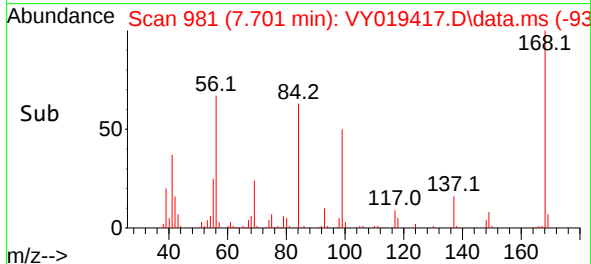
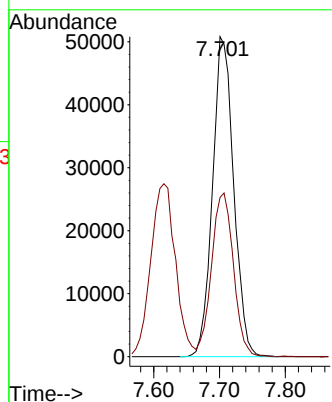
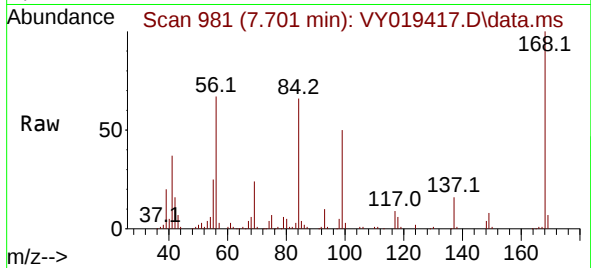




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
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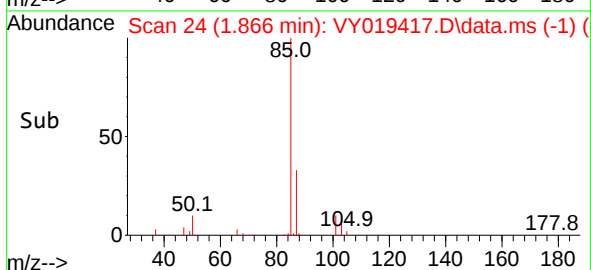
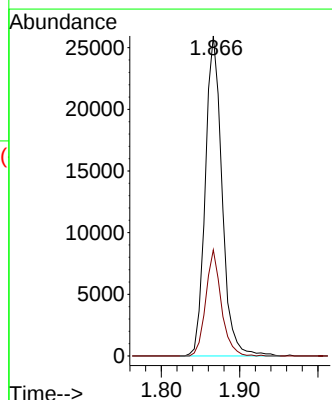
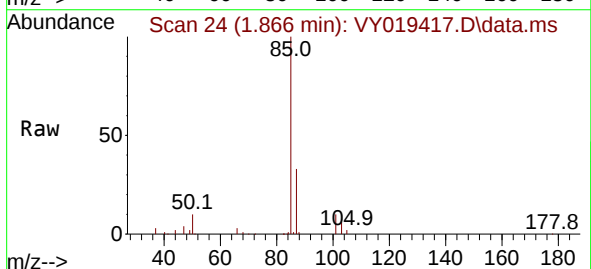
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

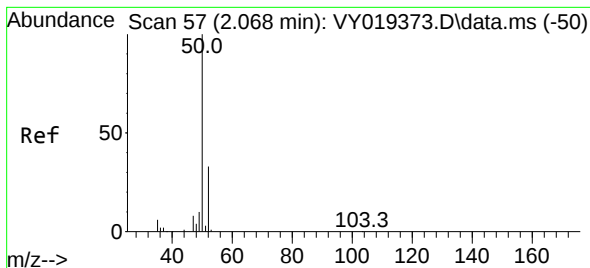
Tgt Ion:168 Resp: 113632
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 41.664 ug/l
RT: 1.866 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 85 Resp: 38577
Ion Ratio Lower Upper
85 100
87 33.1 16.0 48.0

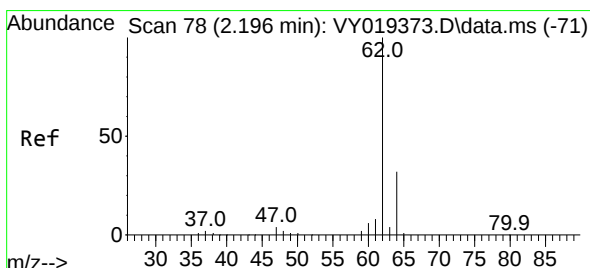
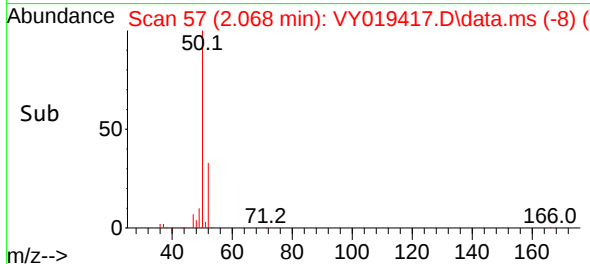
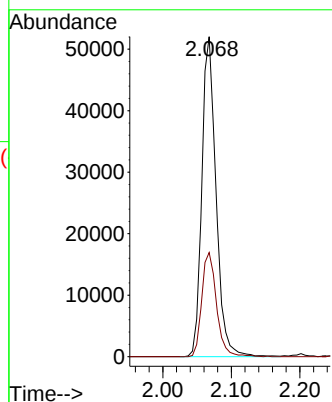
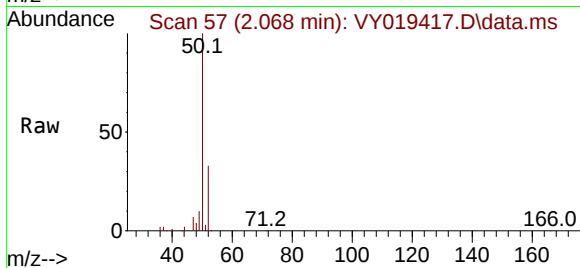




#3
Chloromethane
Concen: 49.865 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

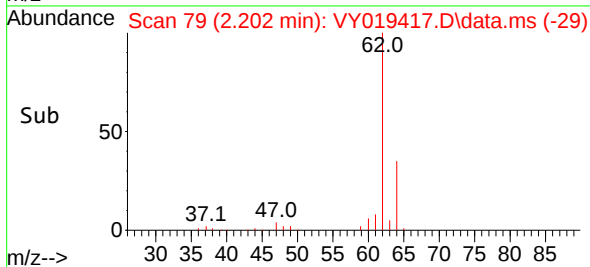
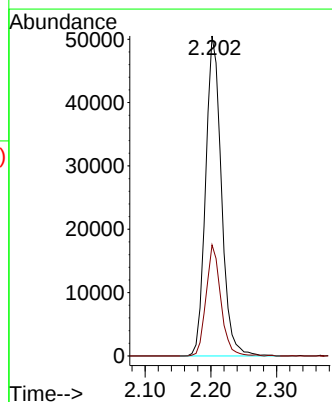
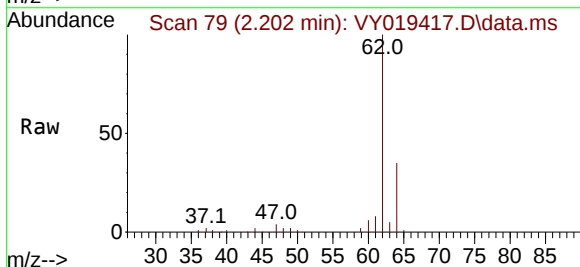
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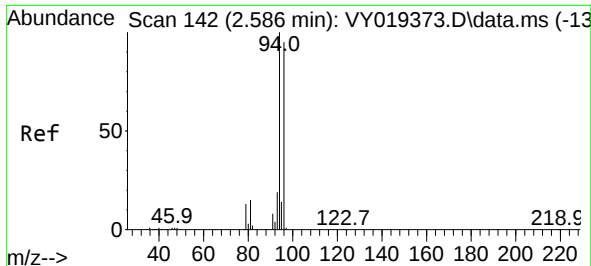
Tgt Ion: 50 Resp: 75114
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4



#4
Vinyl Chloride
Concen: 48.829 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 62 Resp: 84392
Ion Ratio Lower Upper
62 100
64 34.7 26.1 39.1

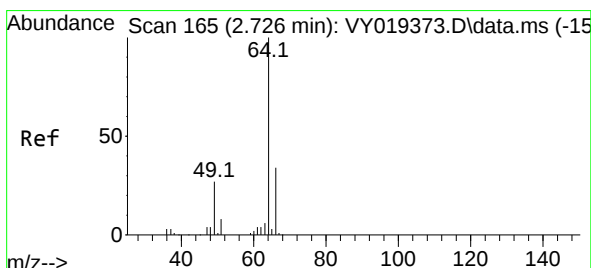
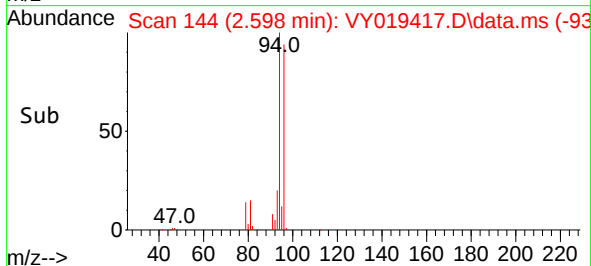
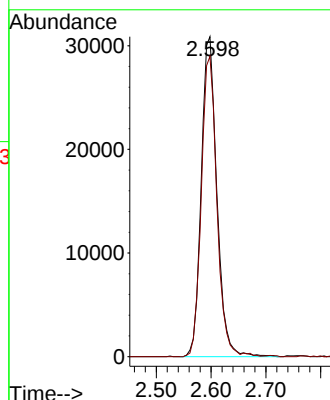
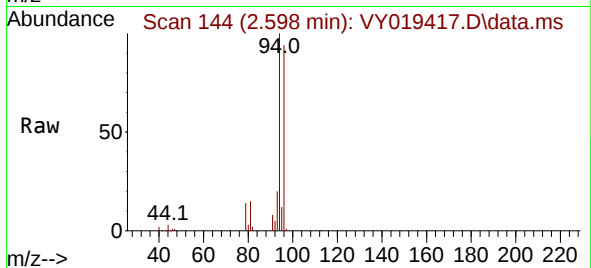




#5
Bromomethane
Concen: 55.554 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY019417.D
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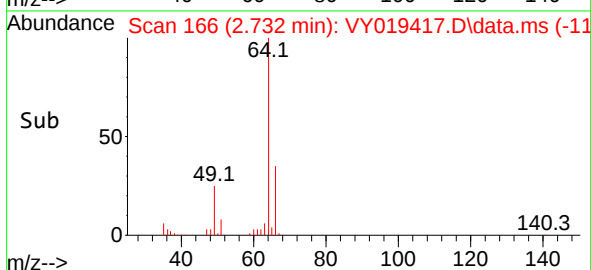
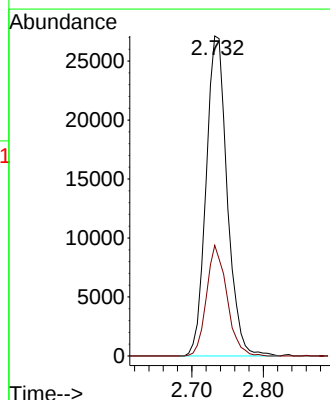
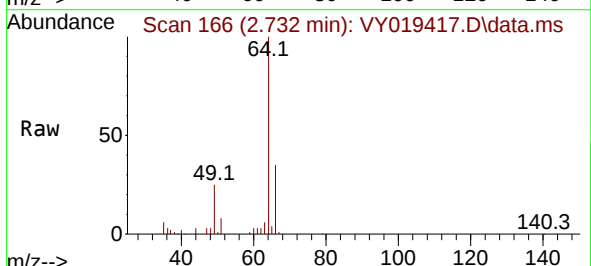
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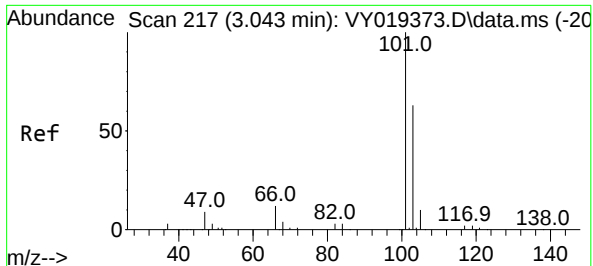
Tgt Ion: 94 Resp: 61127
Ion Ratio Lower Upper
94 100
96 93.9 74.1 111.1



#6
Chloroethane
Concen: 52.901 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY019417.D
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Tgt Ion: 64 Resp: 55684
Ion Ratio Lower Upper
64 100
66 34.6 26.1 39.1

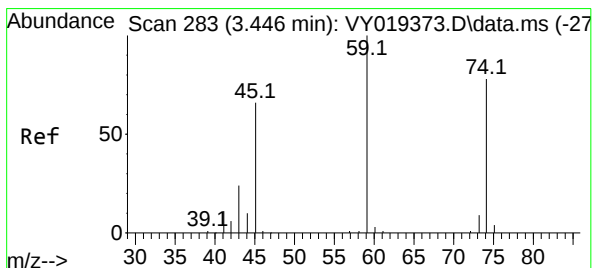
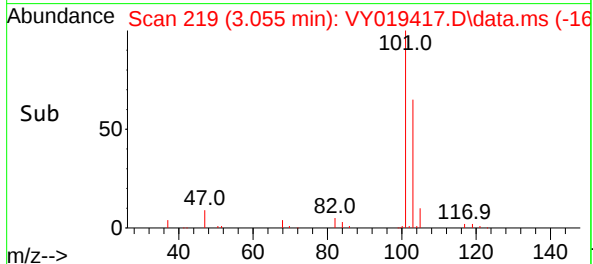
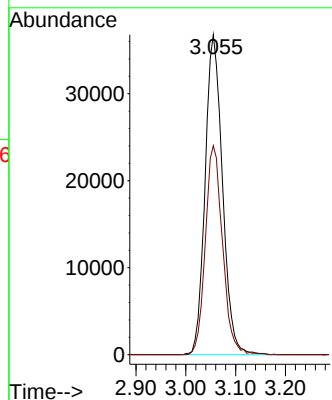
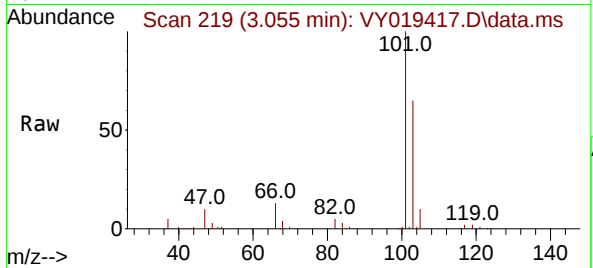




#7
Trichlorofluoromethane
Concen: 43.454 ug/l
RT: 3.055 min Scan# 217
Delta R.T. 0.012 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

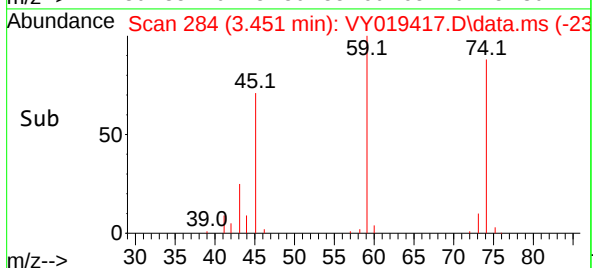
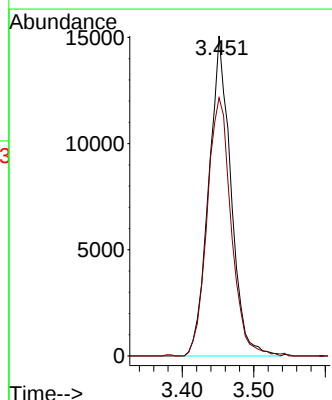
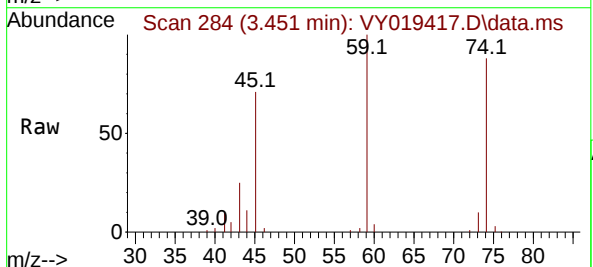
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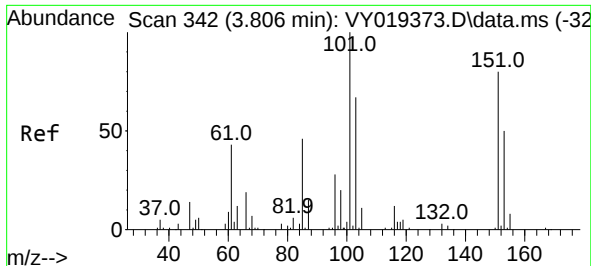
Tgt Ion:101 Resp: 88900
Ion Ratio Lower Upper
101 100
103 65.3 49.3 73.9



#8
Diethyl Ether
Concen: 67.127 ug/l
RT: 3.451 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 74 Resp: 32435
Ion Ratio Lower Upper
74 100
45 87.7 41.3 124.1

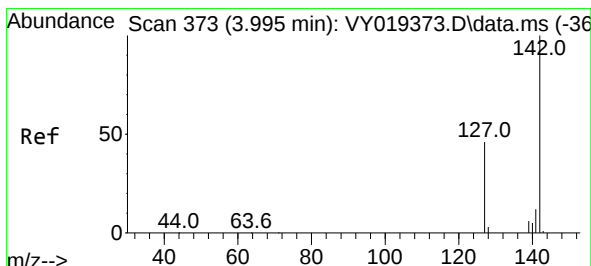
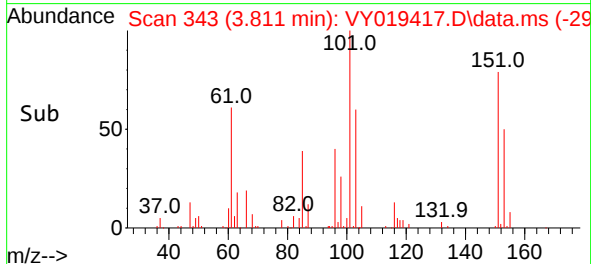
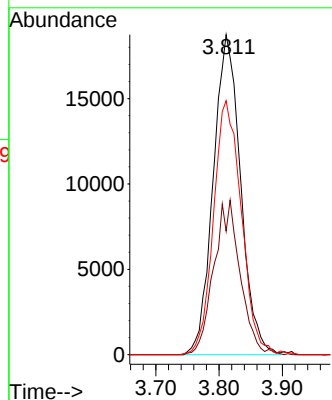
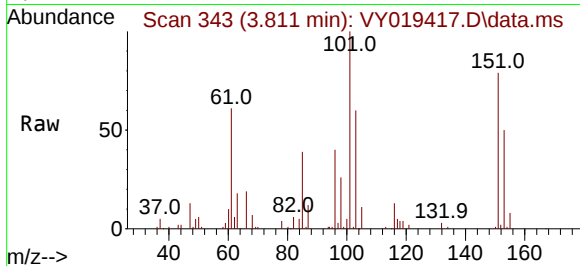




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.400 ug/l
RT: 3.811 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

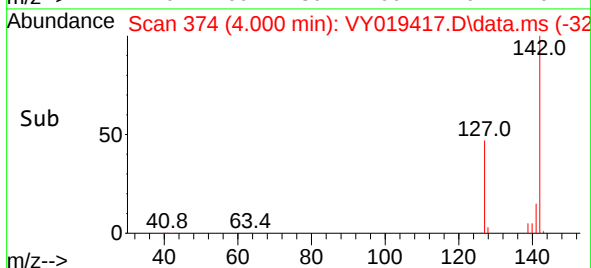
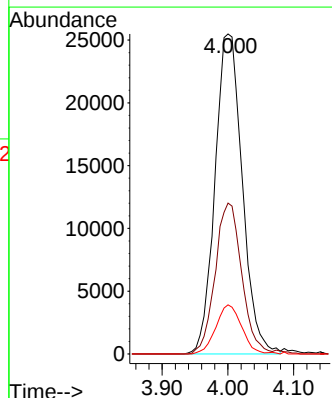
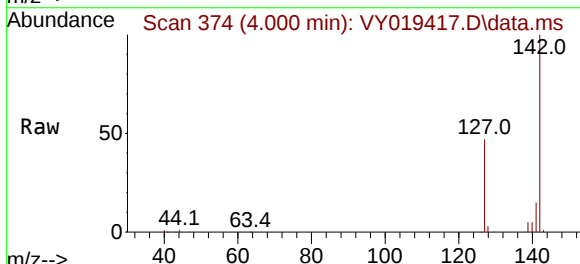
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

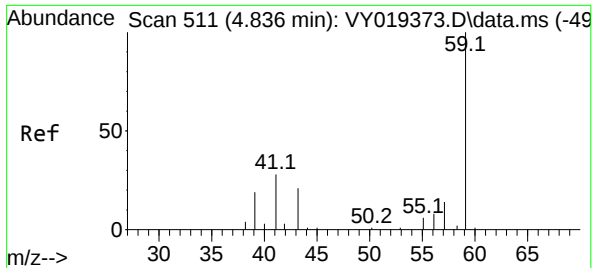
Tgt Ion:101 Resp: 56213
Ion Ratio Lower Upper
101 100
85 46.7 34.5 51.7
151 80.7 61.7 92.5



#10
Methyl Iodide
Concen: 65.031 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion:142 Resp: 73622
Ion Ratio Lower Upper
142 100
127 45.8 32.8 49.2
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 304.980 ug/l

RT: 4.854 min Scan# 511

Delta R.T. 0.018 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

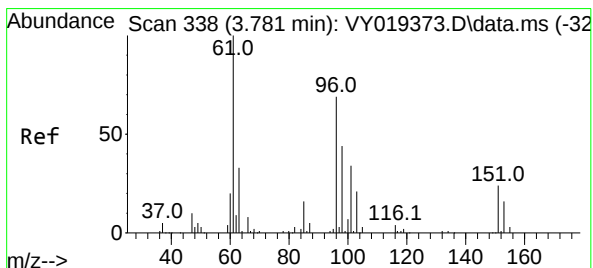
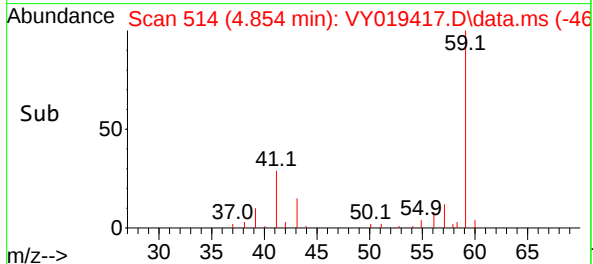
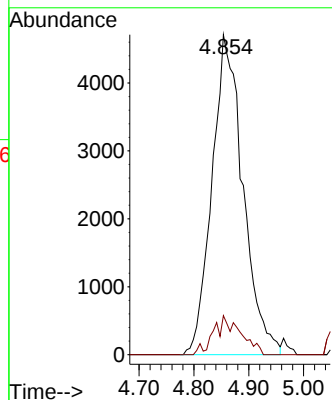
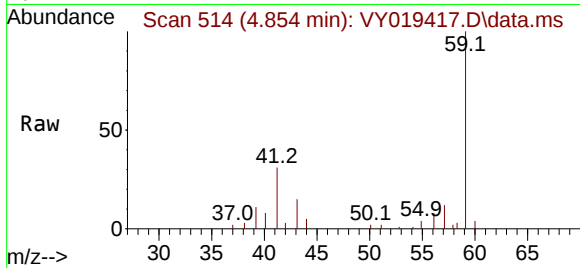
VSTDCCC050EC

Tgt Ion: 59 Resp: 18500

Ion Ratio Lower Upper

59 100

57 4.7 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 54.185 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.012 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

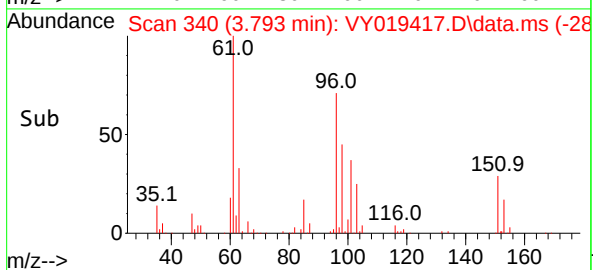
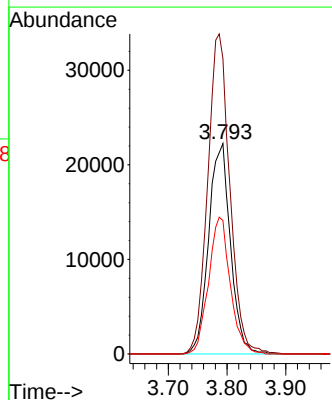
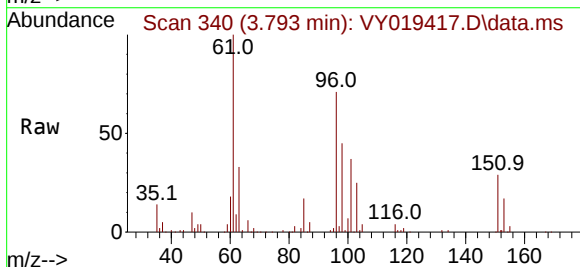
Tgt Ion: 96 Resp: 57393

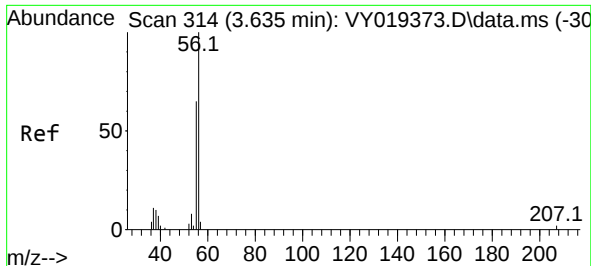
Ion Ratio Lower Upper

96 100

61 140.4 114.6 171.8

98 63.4 50.8 76.2

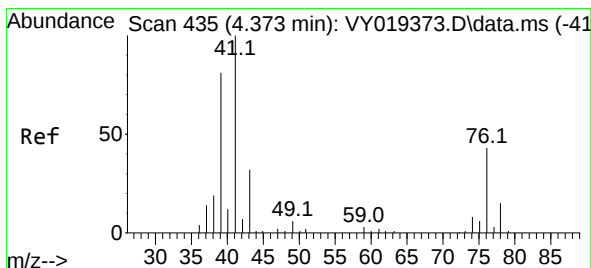
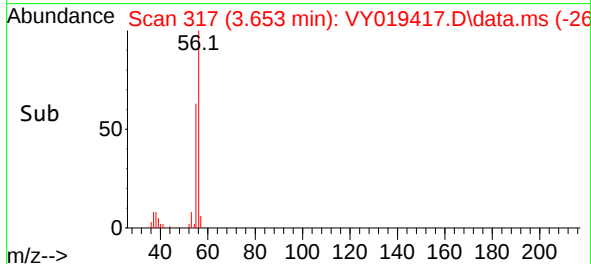
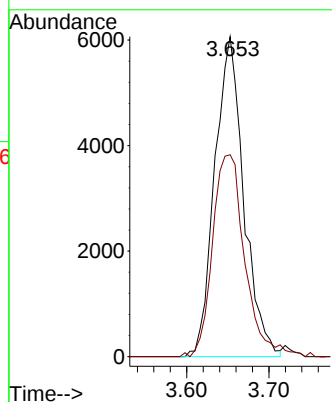
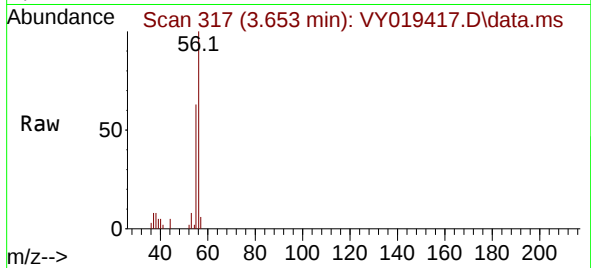




#13
Acrolein
Concen: 210.231 ug/l
RT: 3.653 min Scan# 314
Delta R.T. 0.018 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

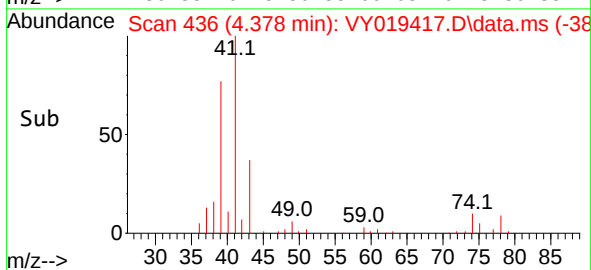
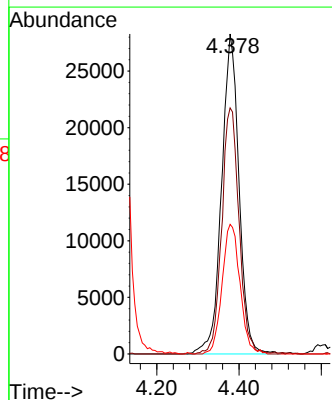
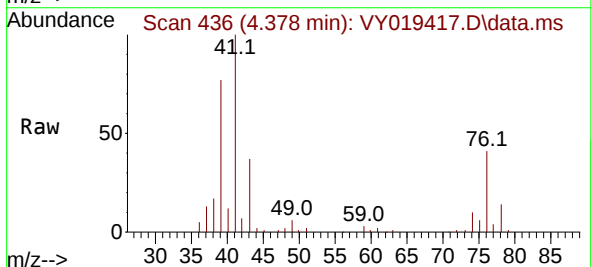
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

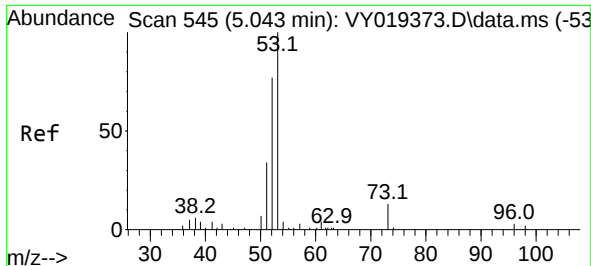
Tgt Ion: 56 Resp: 14872
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5



#14
Allyl chloride
Concen: 57.017 ug/l
RT: 4.378 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 41 Resp: 83380
Ion Ratio Lower Upper
41 100
39 76.1 58.3 87.5
76 41.5 39.0 58.6

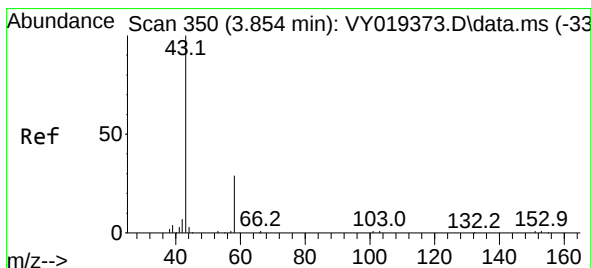
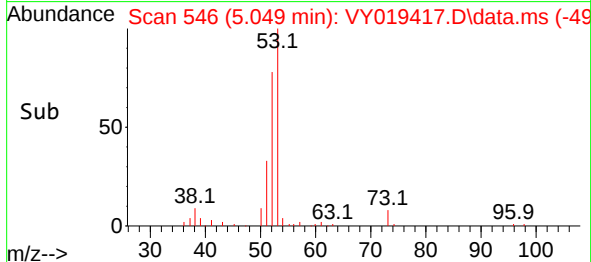
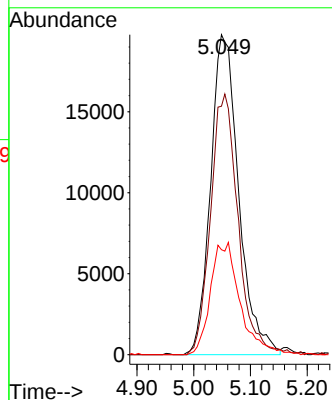
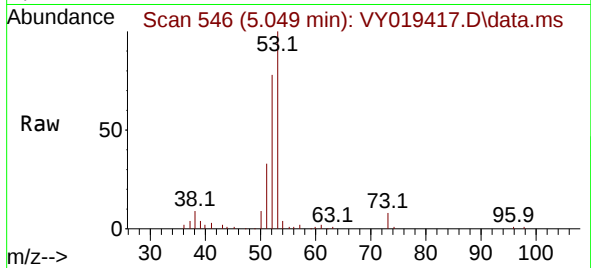




#15
Acrylonitrile
Concen: 345.070 ug/l
RT: 5.049 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

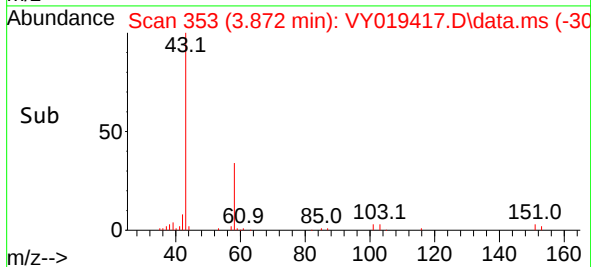
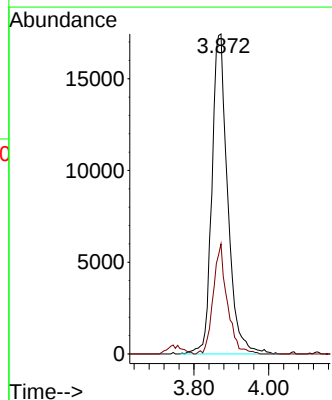
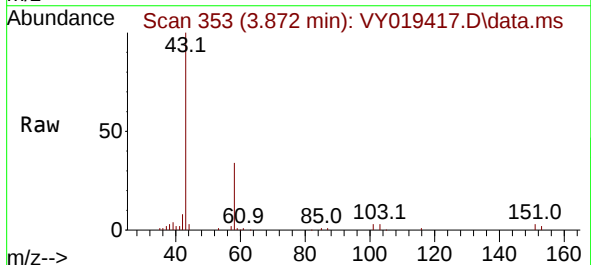
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

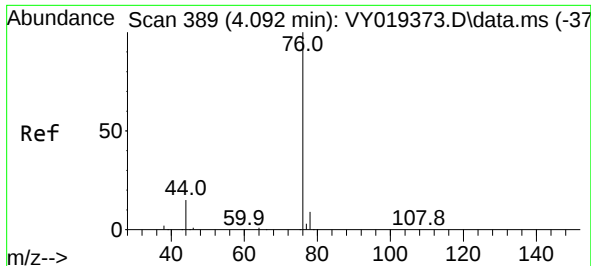
Tgt Ion:	53	Resp:	68115
Ion	Ratio	Lower	Upper
53	100		
52	79.9	64.7	97.1
51	36.9	28.4	42.6



#16
Acetone
Concen: 241.644 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion:	43	Resp:	51155
Ion	Ratio	Lower	Upper
43	100		
58	34.4	31.7	47.5

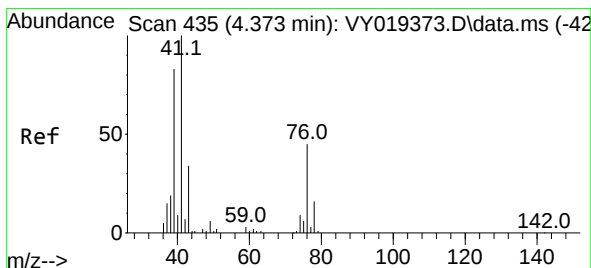
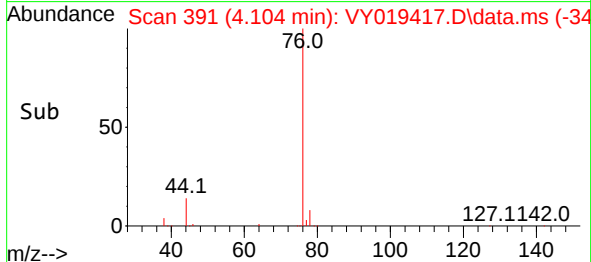
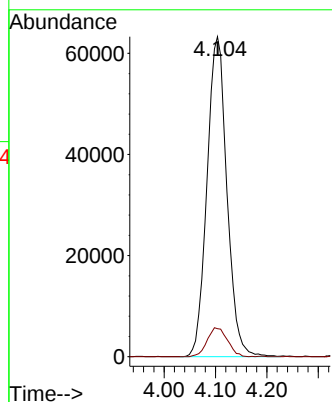
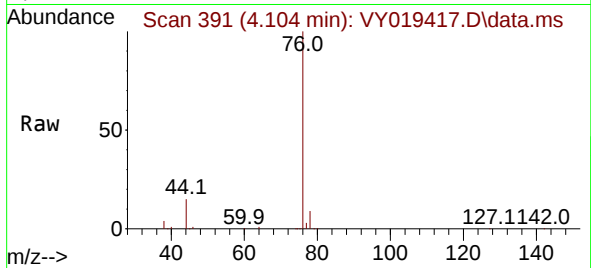




#17
Carbon Disulfide
Concen: 55.719 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

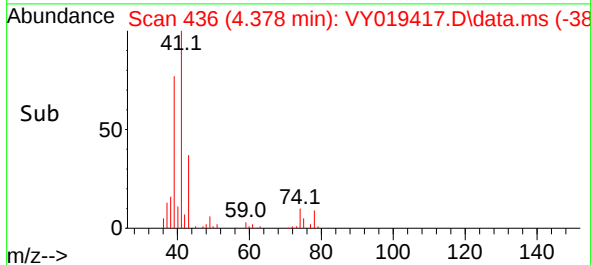
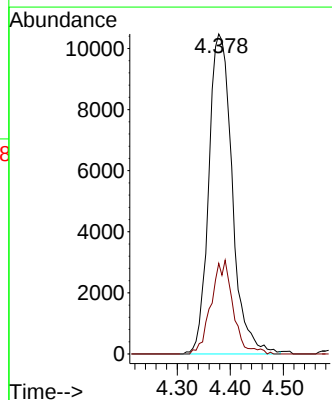
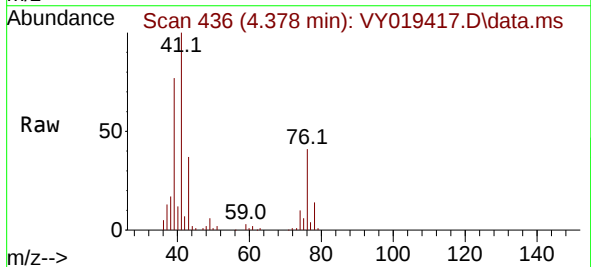
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

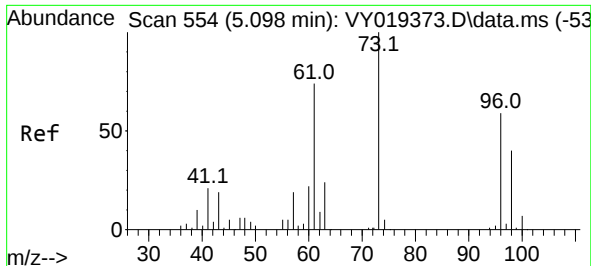
Tgt Ion: 76 Resp: 170379
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 68.657 ug/l
RT: 4.378 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 43 Resp: 32087
Ion Ratio Lower Upper
43 100
74 27.6 23.3 34.9

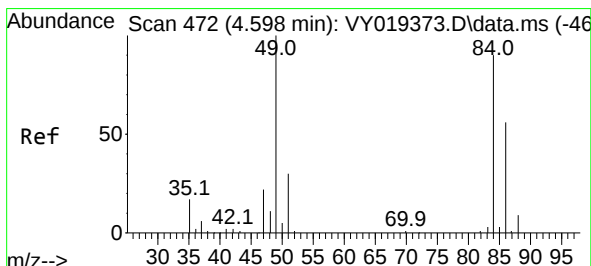
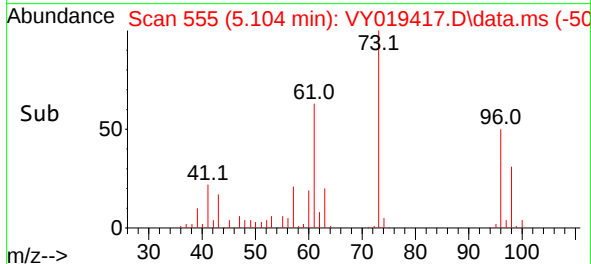
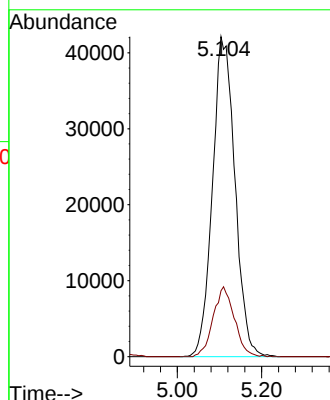
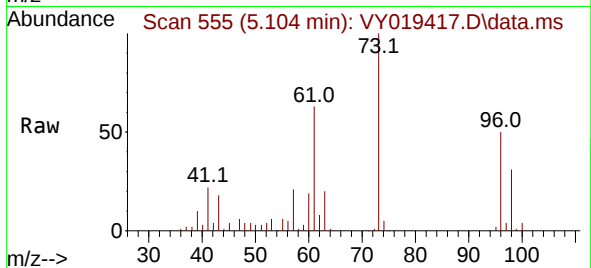




#19
Methyl tert-butyl Ether
Concen: 64.376 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

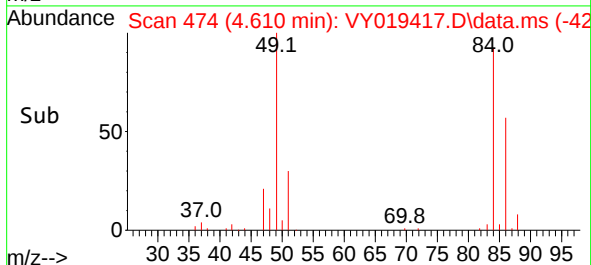
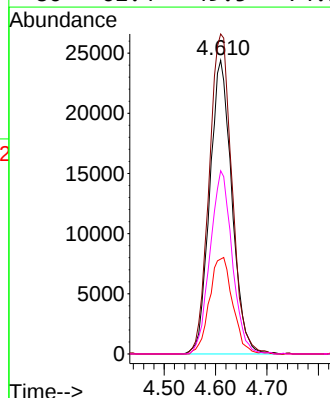
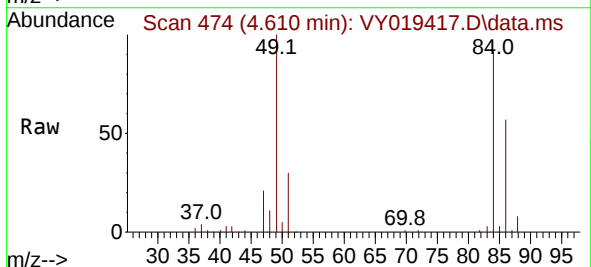
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

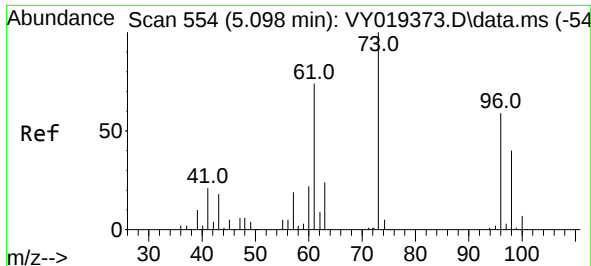
Tgt Ion: 73 Resp: 155456
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 64.906 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 84 Resp: 72982
Ion Ratio Lower Upper
84 100
49 109.0 84.4 126.6
51 32.3 26.0 39.0
86 62.4 49.5 74.3

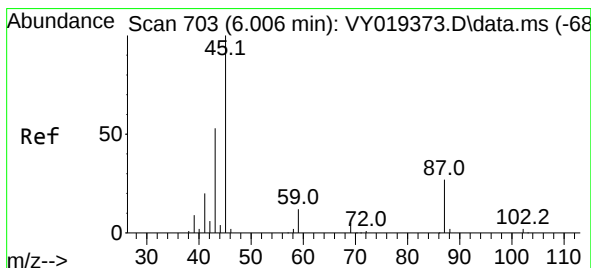
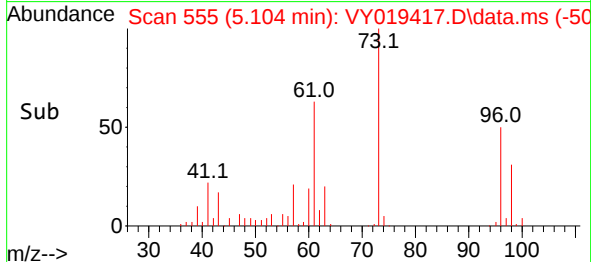
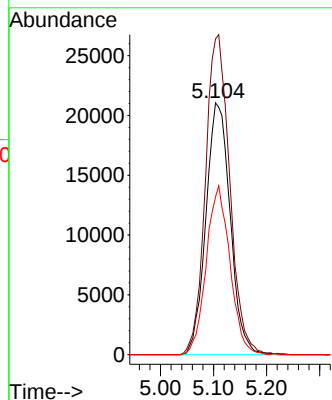
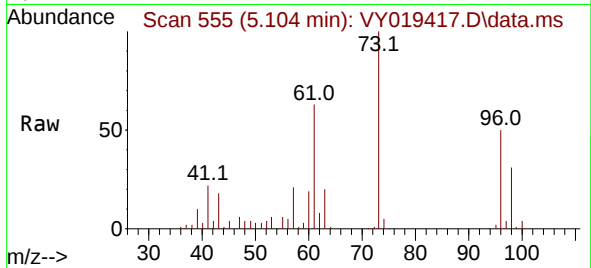




#21
trans-1,2-Dichloroethene
Concen: 55.606 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

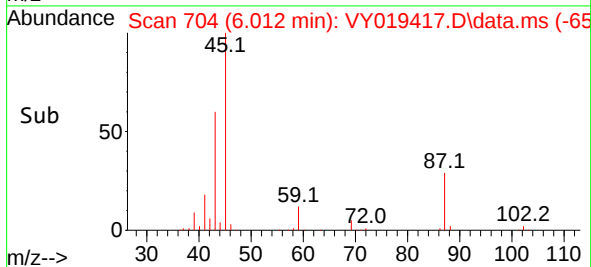
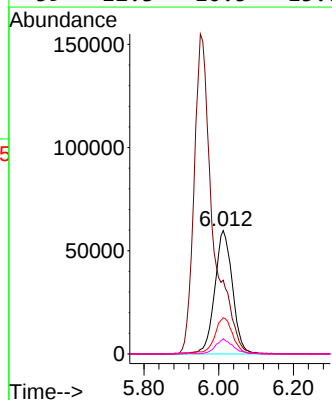
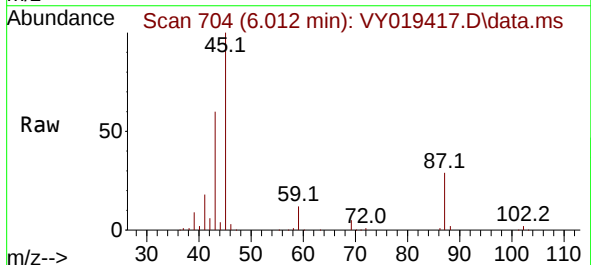
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

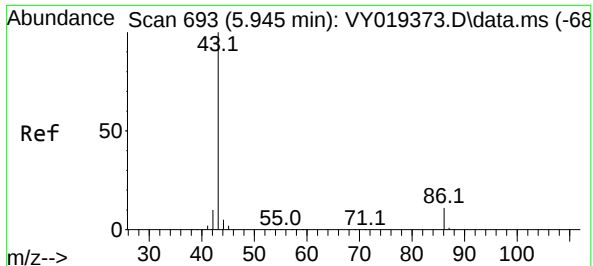
Tgt Ion: 96 Resp: 67083
Ion Ratio Lower Upper
96 100
61 125.4 97.5 146.3
98 62.7 50.5 75.7



#22
Diisopropyl ether
Concen: 59.845 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 45 Resp: 196893
Ion Ratio Lower Upper
45 100
43 59.5 42.2 63.2
87 29.4 25.0 37.6
59 12.3 10.5 15.7

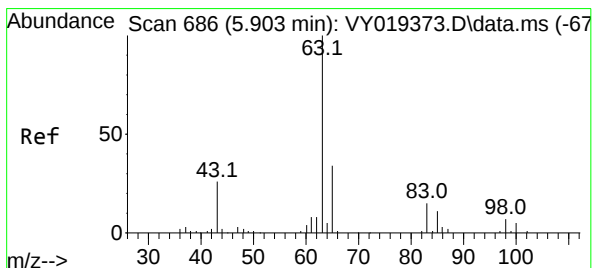
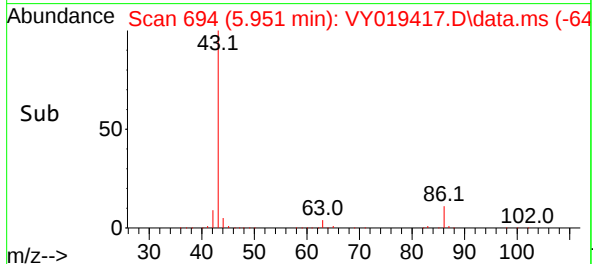
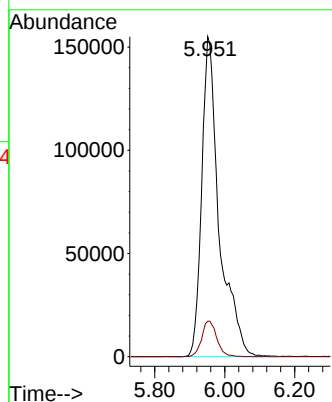
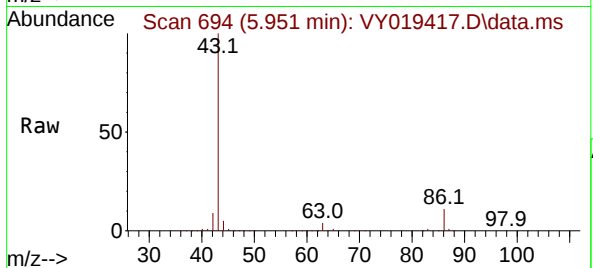




#23
 Vinyl Acetate
 Concen: 293.892 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY019417.D
 Acq: 30 Aug 2024 23:37

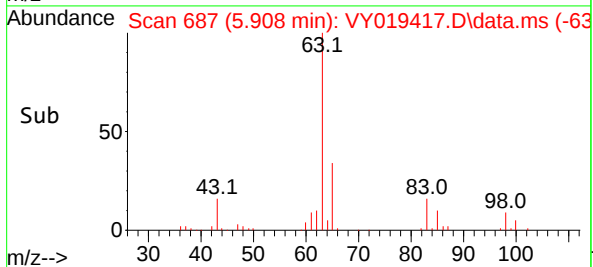
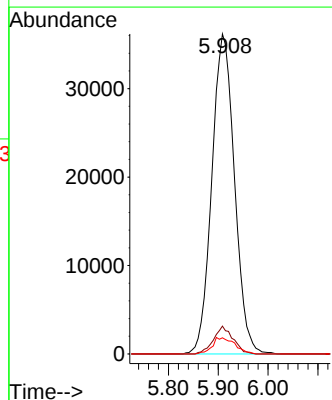
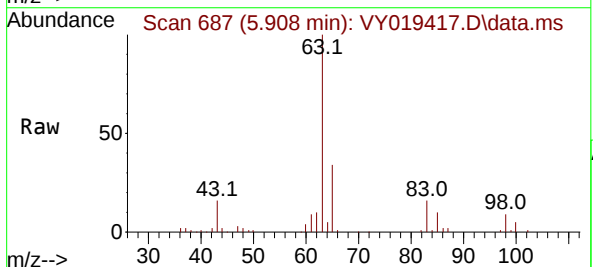
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

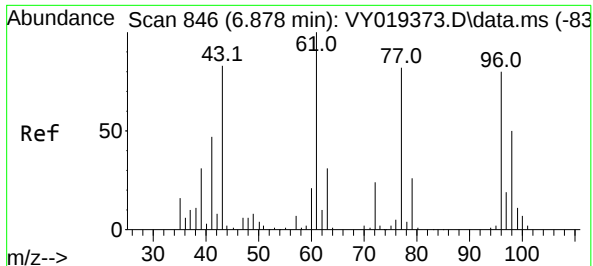
Tgt Ion: 43 Resp: 538167
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 57.473 ug/l
 RT: 5.908 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019417.D
 Acq: 30 Aug 2024 23:37

Tgt Ion: 63 Resp: 114270
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.0 12.2
 100 5.1 2.6 8.0





#25

2-Butanone

Concen: 301.720 ug/l

RT: 6.890 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

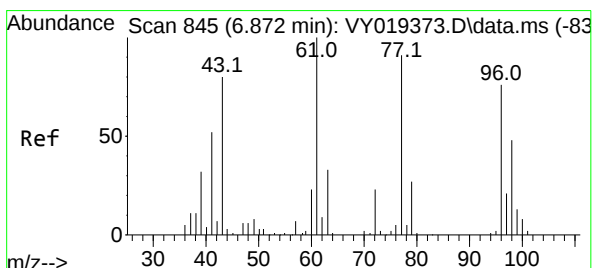
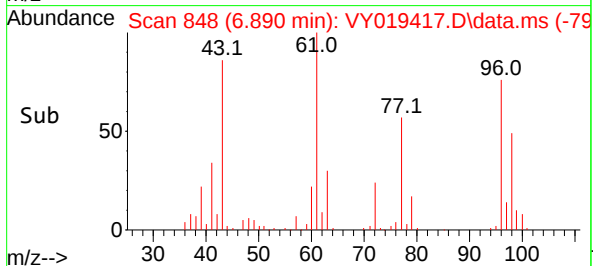
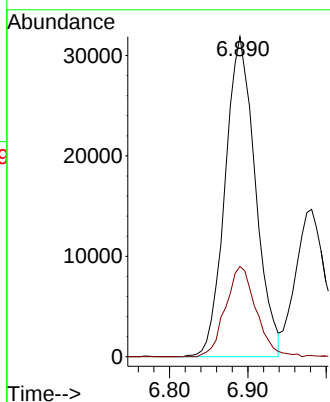
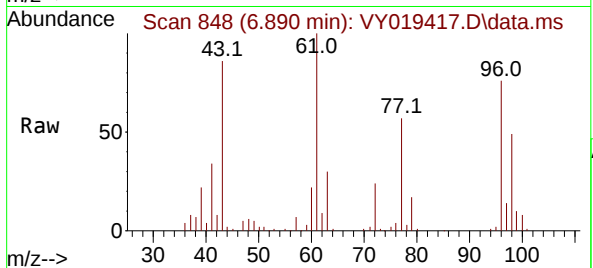
VSTDCCC050EC

Tgt Ion: 43 Resp: 85436

Ion Ratio Lower Upper

43 100

72 28.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 43.090 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY019417.D

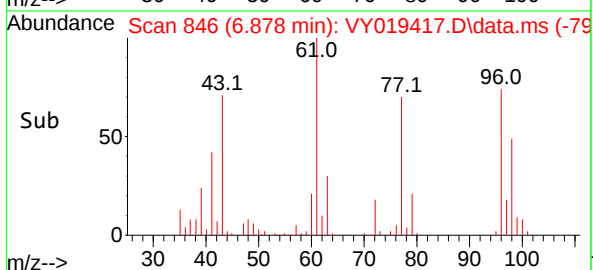
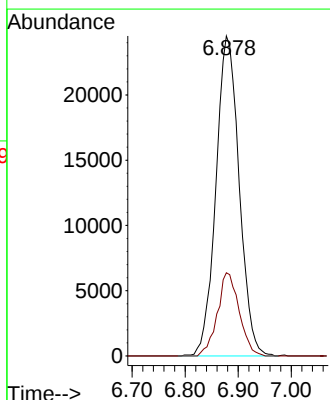
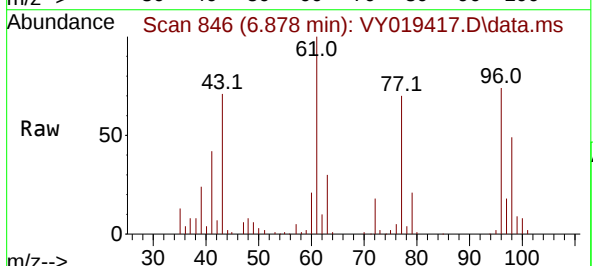
Acq: 30 Aug 2024 23:37

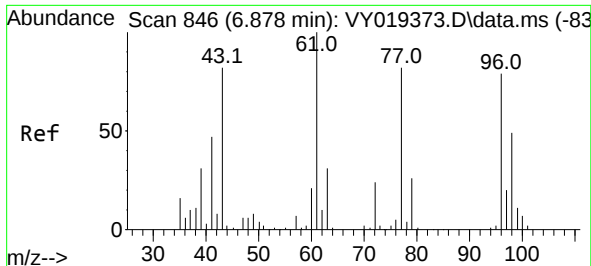
Tgt Ion: 77 Resp: 74623

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 58.586 ug/l

RT: 6.884 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

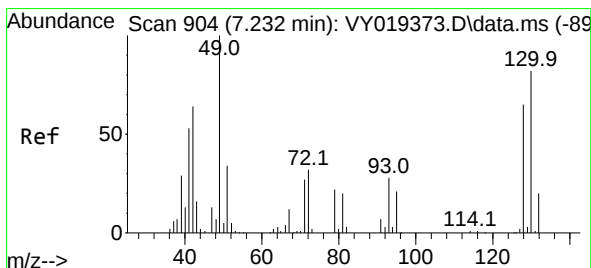
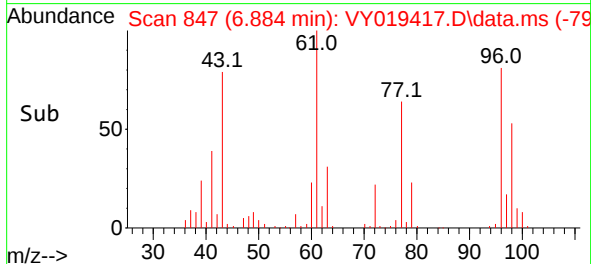
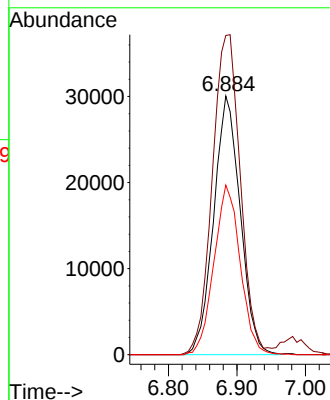
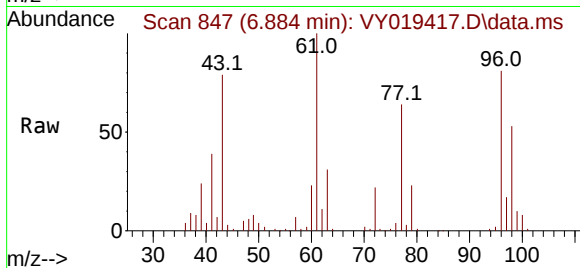
Tgt Ion: 96 Resp: 80927

Ion Ratio Lower Upper

96 100

61 130.9 0.0 256.2

98 64.8 0.0 130.0



#28

Bromochloromethane

Concen: 58.462 ug/l

RT: 7.237 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

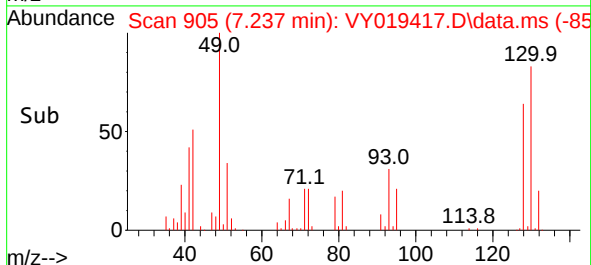
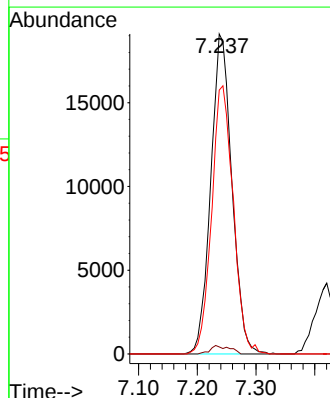
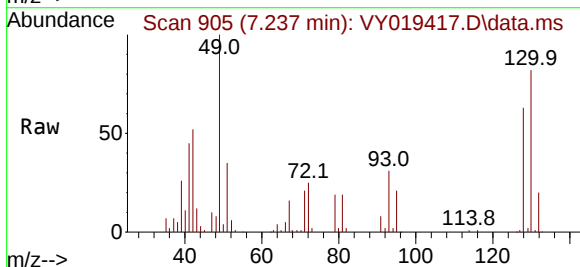
Tgt Ion: 49 Resp: 47756

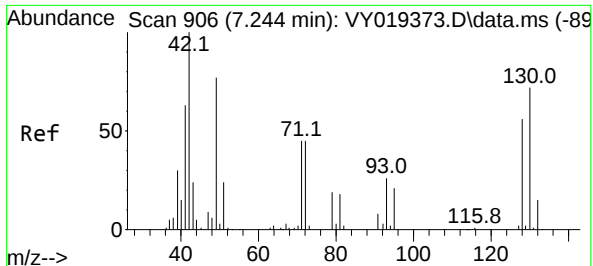
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 85.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 334.934 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

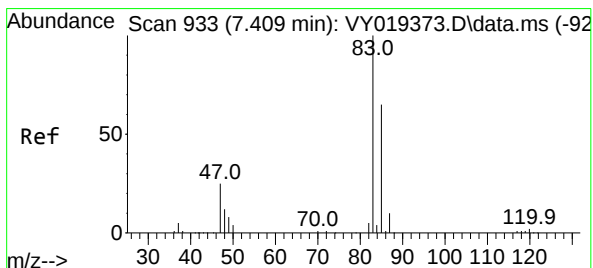
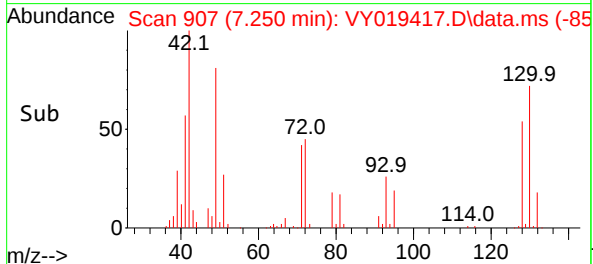
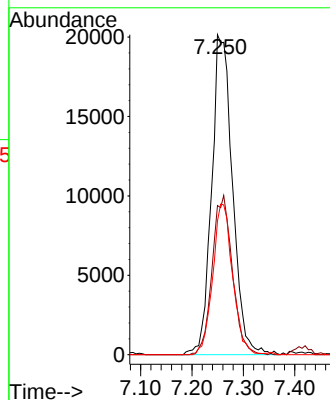
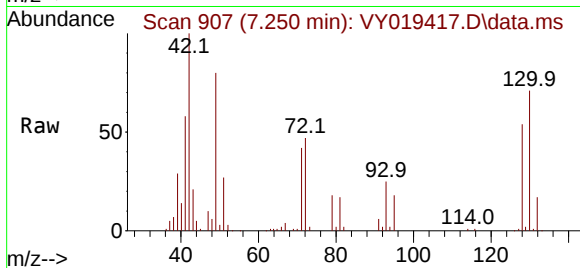
Tgt Ion: 42 Resp: 56985

Ion Ratio Lower Upper

42 100

72 47.9 43.0 64.4

71 44.6 40.8 61.2



#30

Chloroform

Concen: 56.771 ug/l

RT: 7.420 min Scan# 935

Delta R.T. 0.012 min

Lab File: VY019417.D

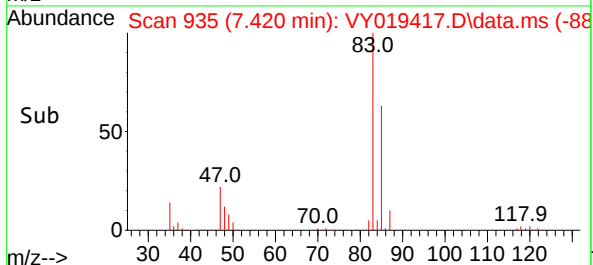
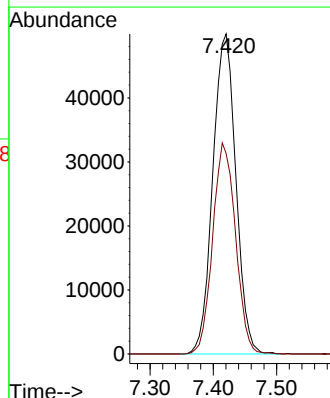
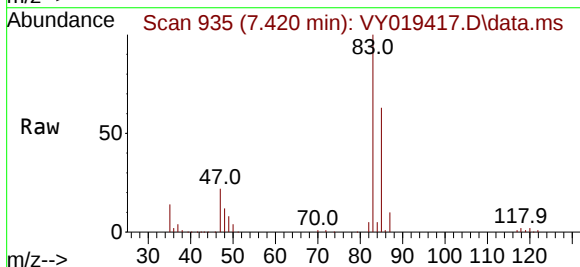
Acq: 30 Aug 2024 23:37

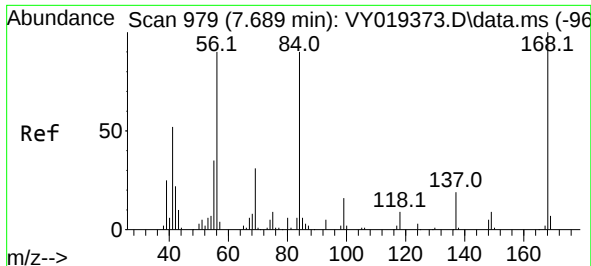
Tgt Ion: 83 Resp: 126356

Ion Ratio Lower Upper

83 100

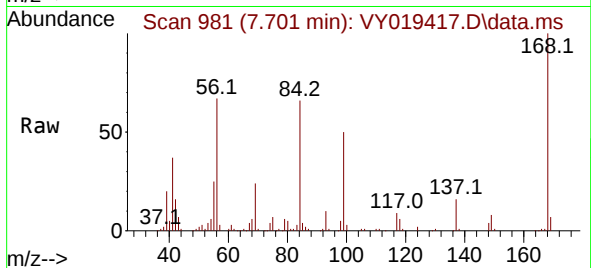
85 62.7 52.2 78.4



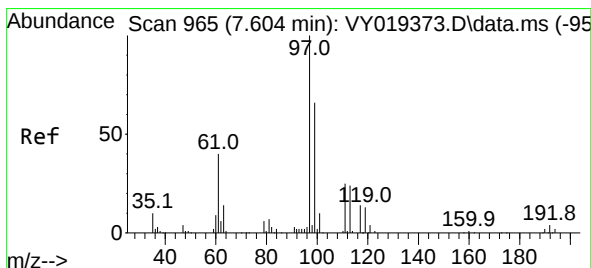
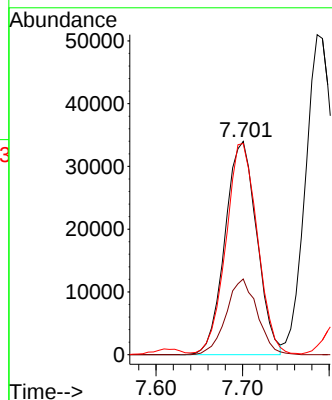
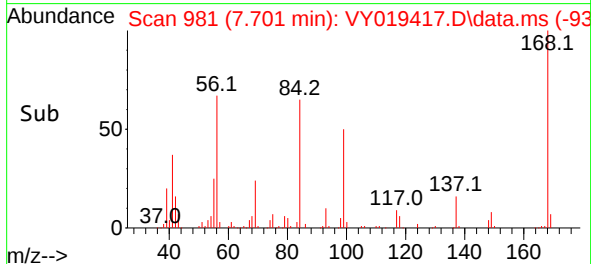


#31
Cyclohexane
Concen: 47.381 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

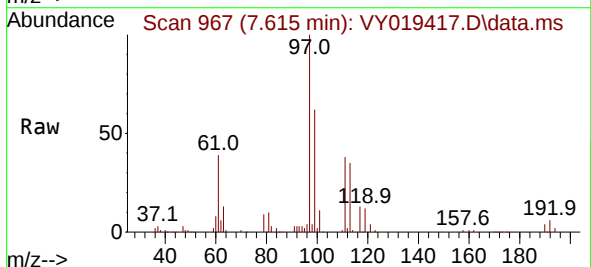
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



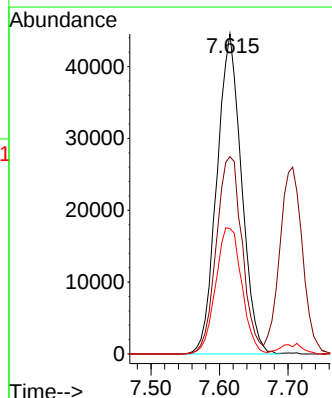
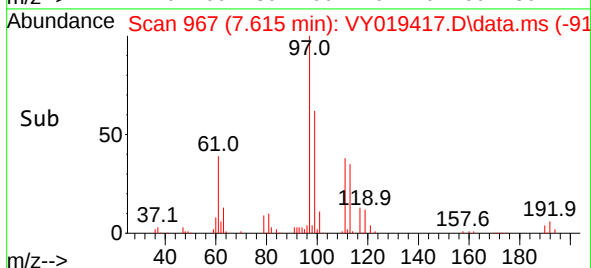
Tgt Ion: 56 Resp: 86722
Ion Ratio Lower Upper
56 100
69 35.5 28.7 43.1
84 97.2 77.7 116.5

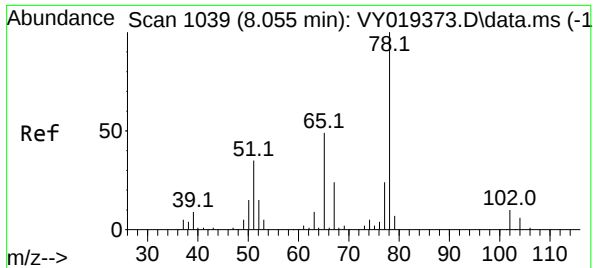


#32
1,1,1-Trichloroethane
Concen: 53.905 ug/l
RT: 7.615 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37



Tgt Ion: 97 Resp: 111344
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 41.7 32.6 48.8

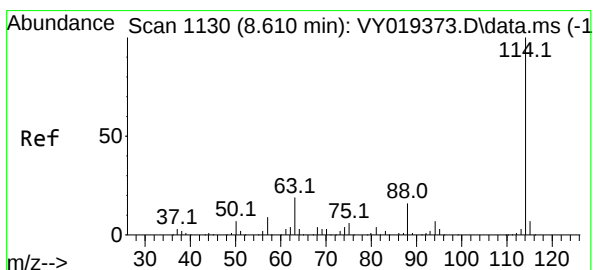
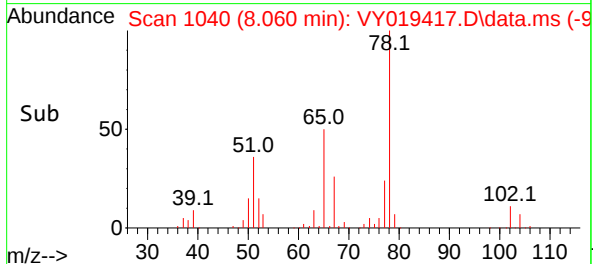
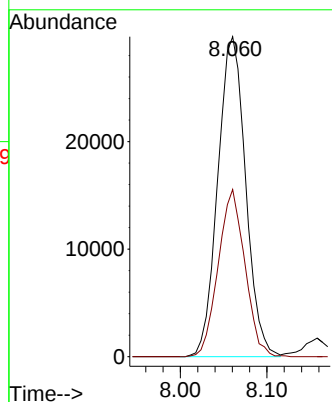
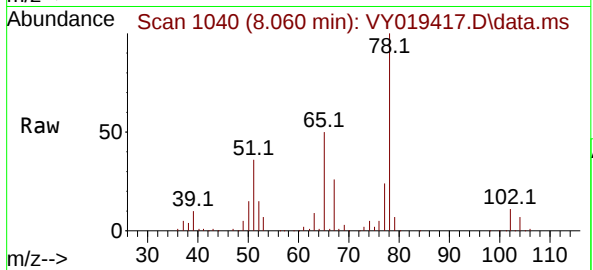




#33
1,2-Dichloroethane-d4
Concen: 61.784 ug/l
RT: 8.060 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

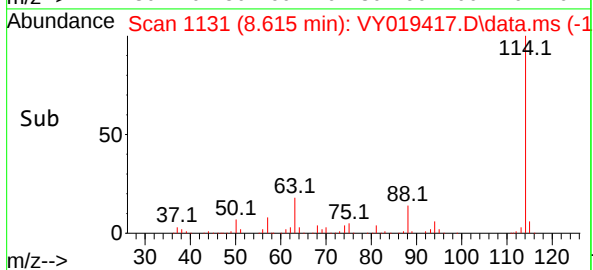
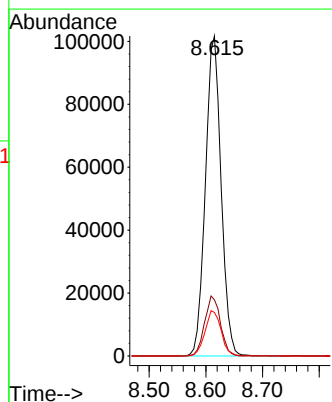
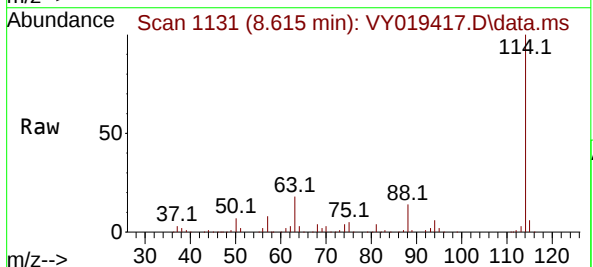
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

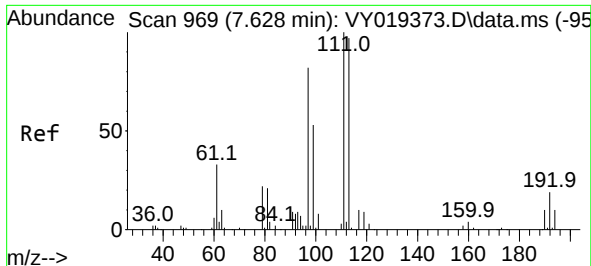
Tgt Ion: 65 Resp: 66498
Ion Ratio Lower Upper
65 100
67 50.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion:114 Resp: 195450
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.0
88 13.6 0.0 27.2

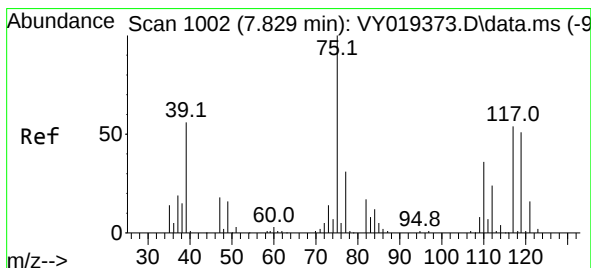
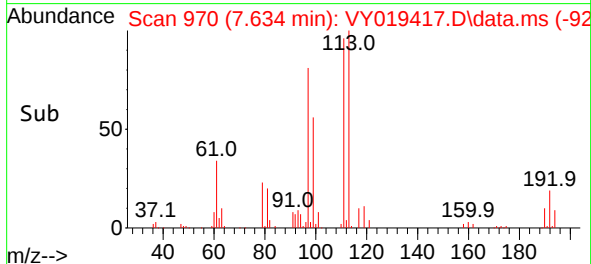
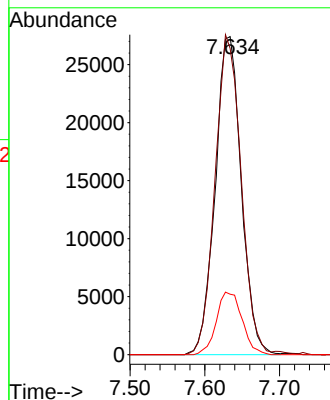
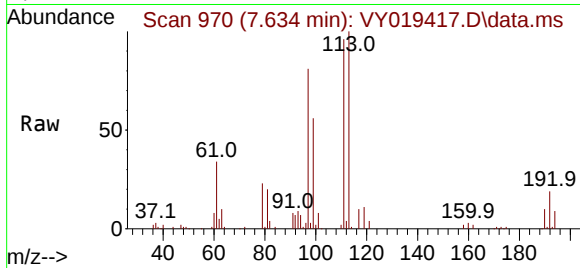




#35
Dibromofluoromethane
Concen: 53.881 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

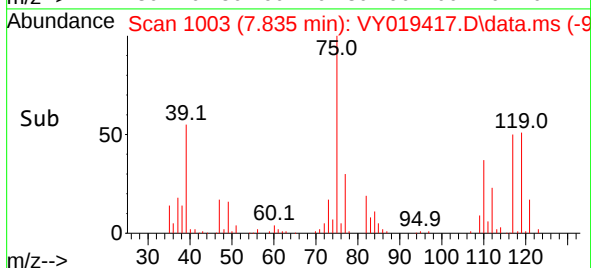
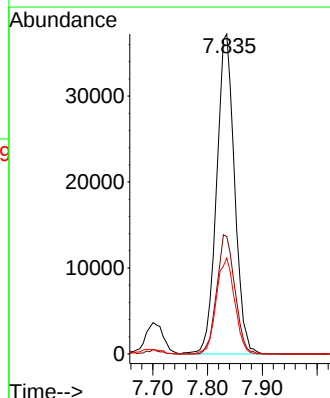
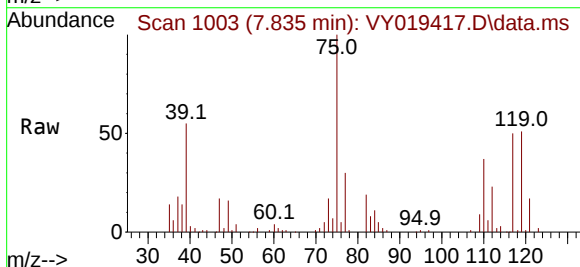
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

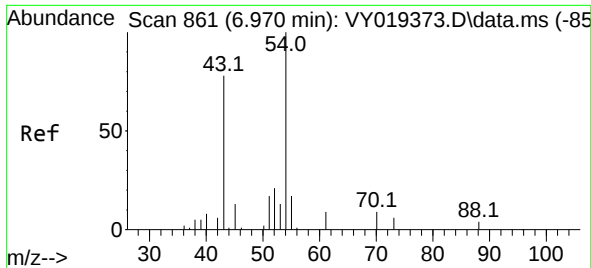
Tgt Ion:113 Resp: 66581
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 19.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 48.449 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 75 Resp: 84606
Ion Ratio Lower Upper
75 100
110 37.5 19.0 57.0
77 30.7 25.3 37.9

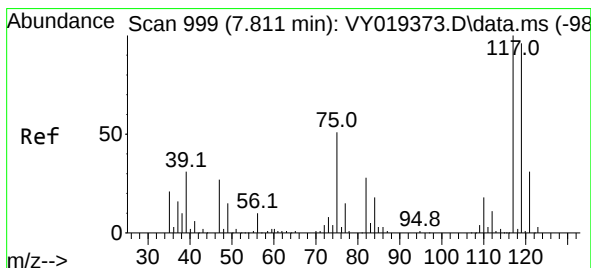
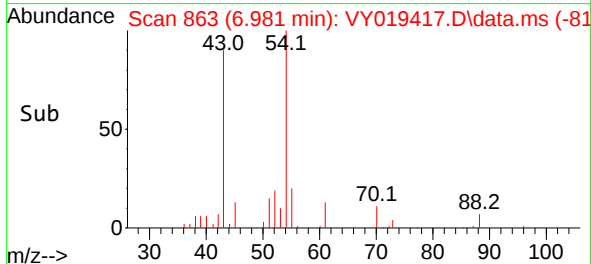
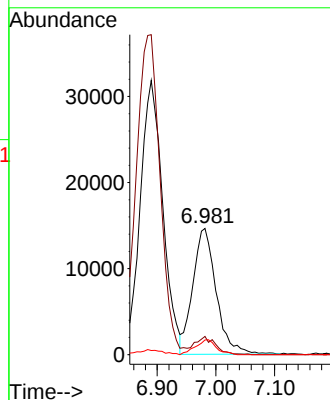
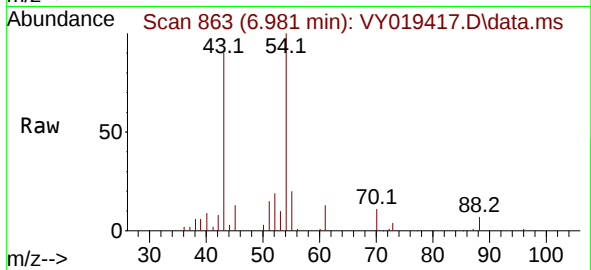




#37
Ethyl Acetate
Concen: 58.525 ug/l
RT: 6.981 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

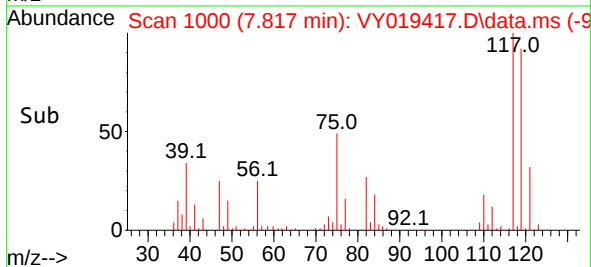
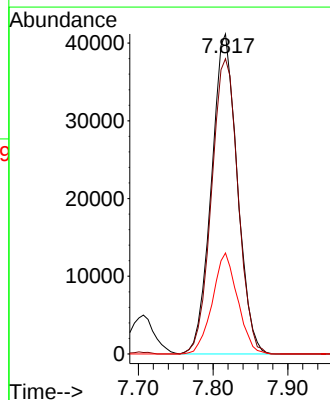
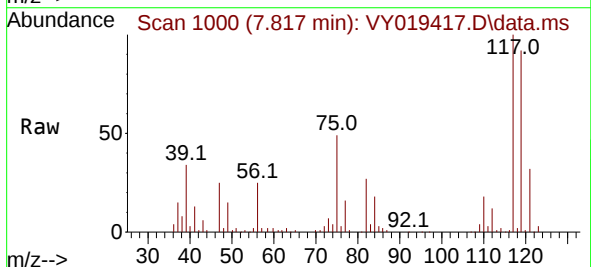
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

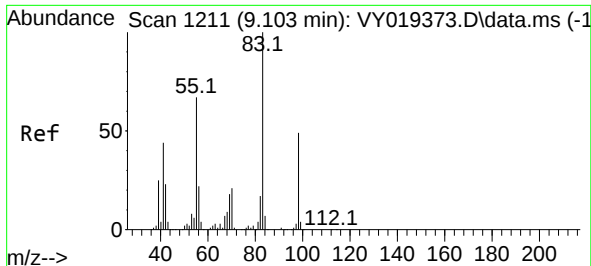
Tgt Ion: 43 Resp: 40454
Ion Ratio Lower Upper
43 100
61 12.7 12.6 19.0
70 10.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 46.560 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 117 Resp: 99096
Ion Ratio Lower Upper
117 100
119 92.3 75.8 113.6
121 31.5 24.0 36.0





#39

Methylcyclohexane

Concen: 45.490 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

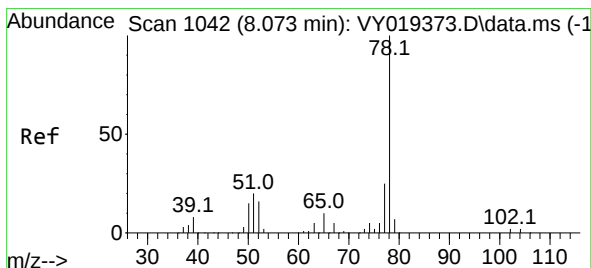
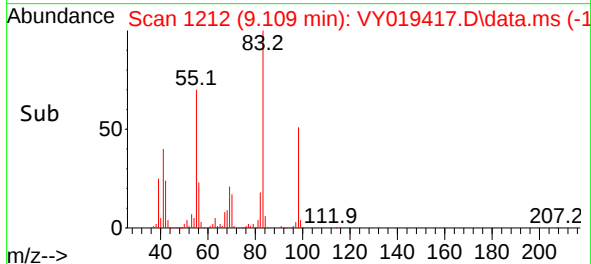
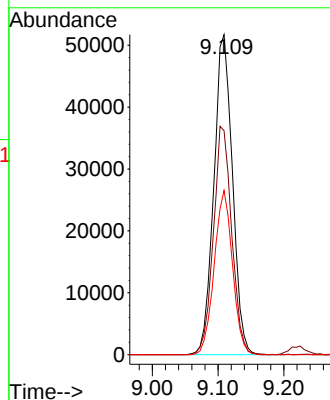
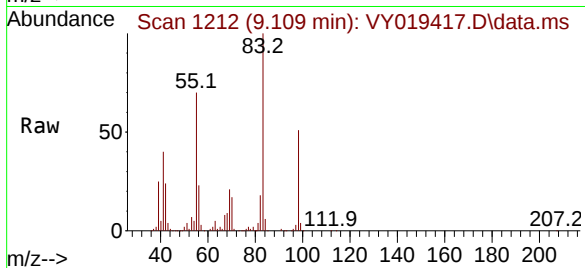
Tgt Ion: 83 Resp: 101867

Ion Ratio Lower Upper

83 100

55 70.0 51.5 77.3

98 51.3 40.5 60.7



#40

Benzene

Concen: 51.839 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY019417.D

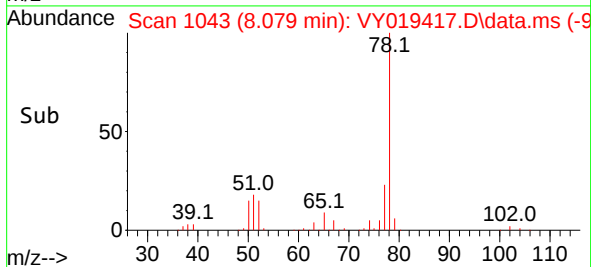
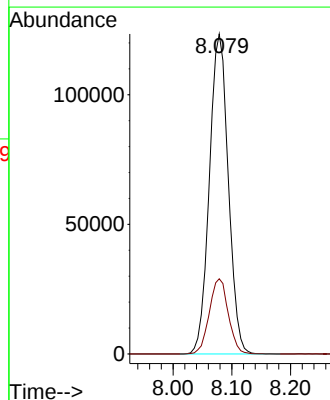
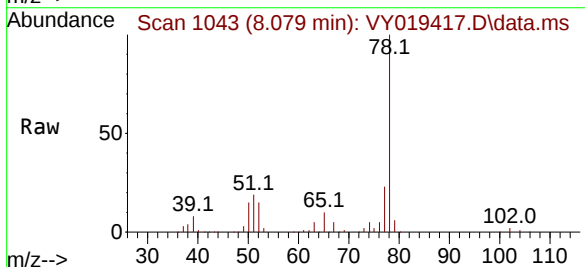
Acq: 30 Aug 2024 23:37

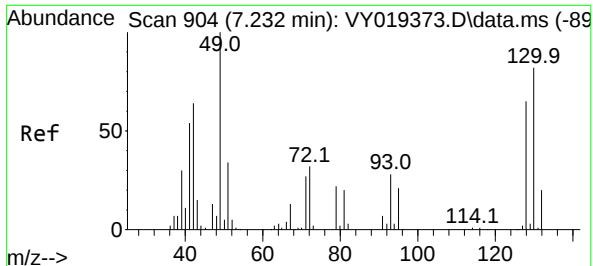
Tgt Ion: 78 Resp: 275498

Ion Ratio Lower Upper

78 100

77 23.5 19.5 29.3

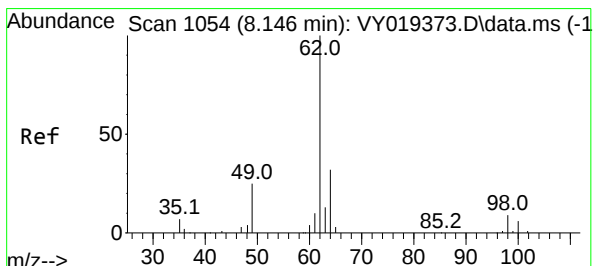
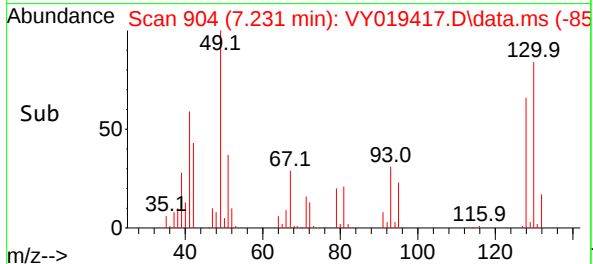
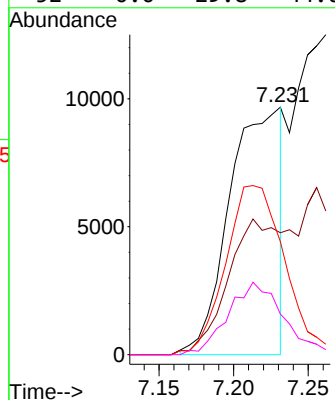
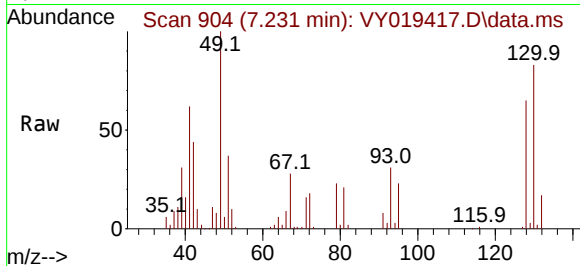




#41
Methacrylonitrile
Concen: 56.260 ug/l m
RT: 7.231 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

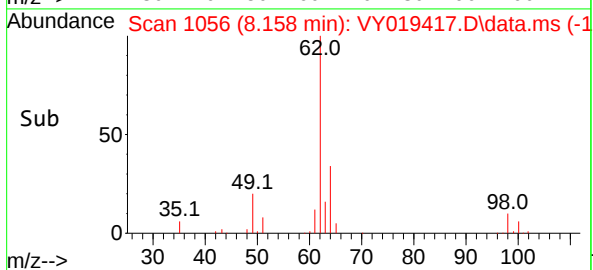
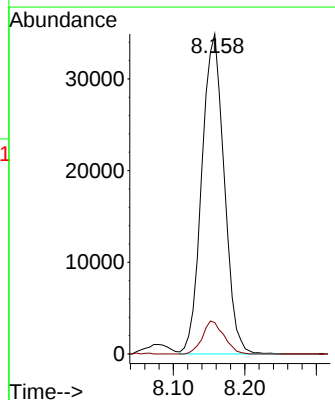
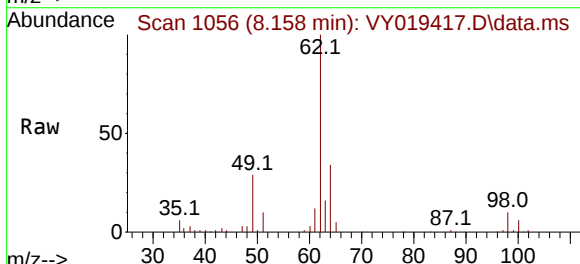
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

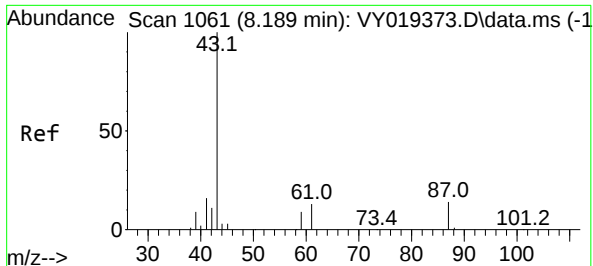
Tgt Ion: 41 Resp: 23452
Ion Ratio Lower Upper
41 100
39 53.1 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 53.887 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 62 Resp: 76000
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.0

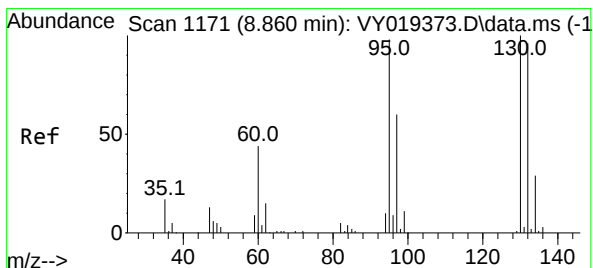
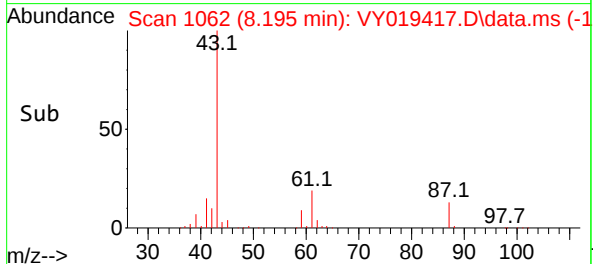
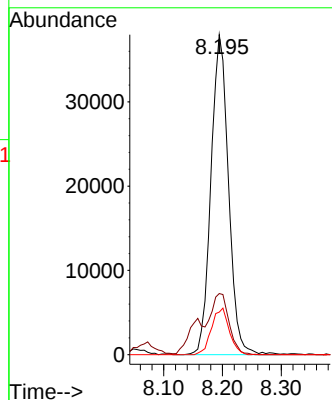
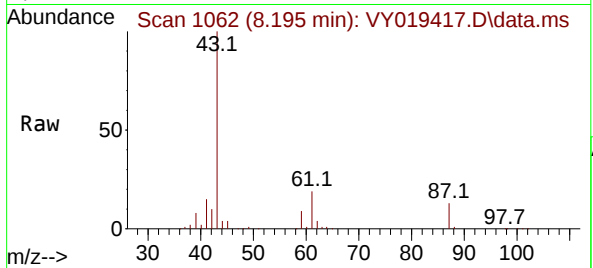




#43
Isopropyl Acetate
Concen: 58.402 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

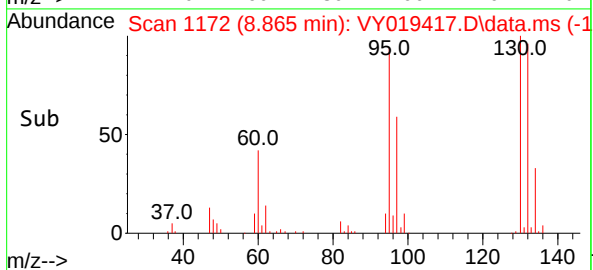
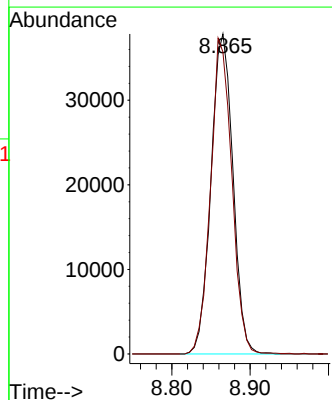
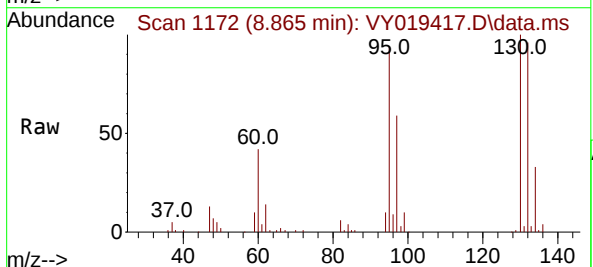
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

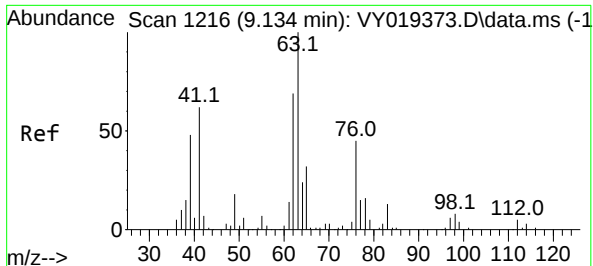
Tgt Ion: 43 Resp: 78783
Ion Ratio Lower Upper
43 100
61 19.8 27.9 41.9#
87 14.7 13.1 19.7



#44
Trichloroethene
Concen: 50.454 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion:130 Resp: 73644
Ion Ratio Lower Upper
130 100
95 94.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 54.061 ug/l

RT: 9.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

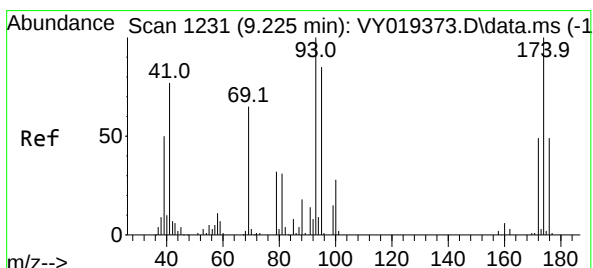
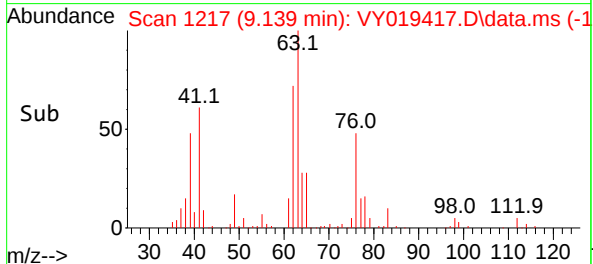
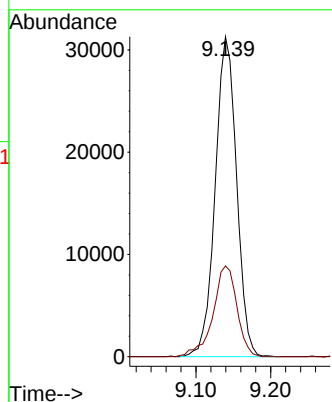
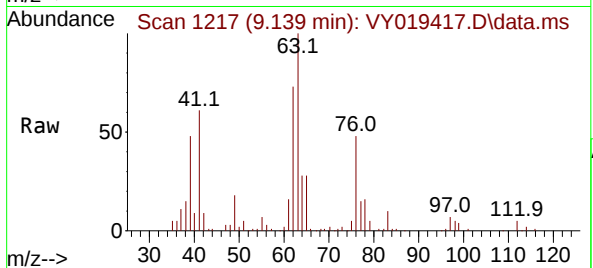
VSTDCCC050EC

Tgt Ion: 63 Resp: 62268

Ion Ratio Lower Upper

63 100

65 28.3 25.4 38.2



#46

Dibromomethane

Concen: 55.355 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

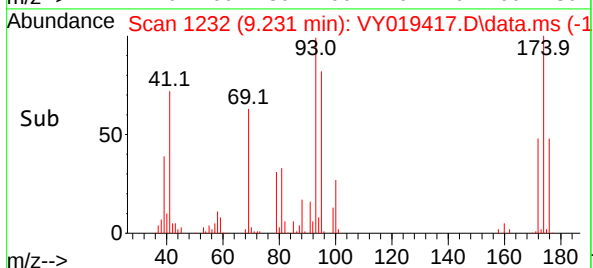
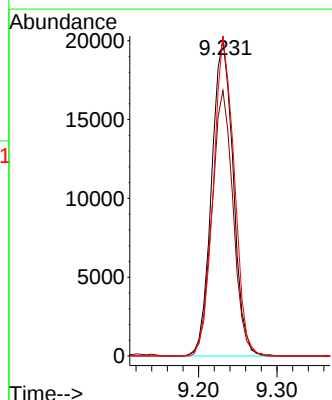
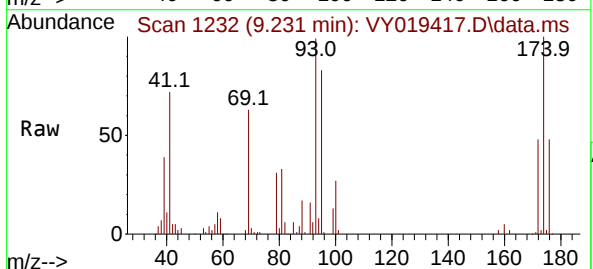
Tgt Ion: 93 Resp: 38353

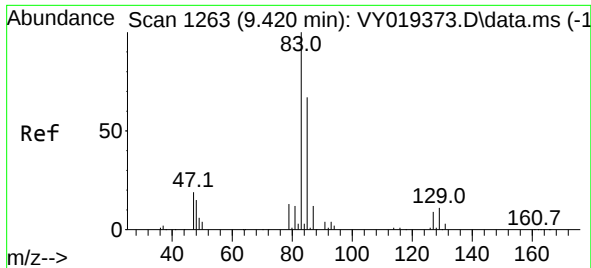
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 97.8 80.9 121.3

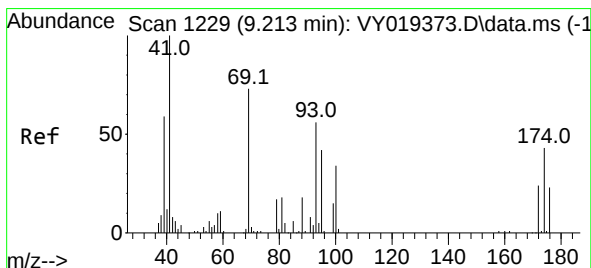
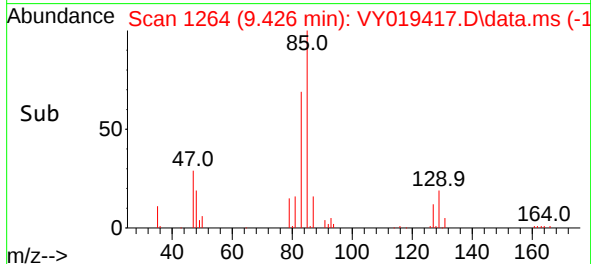
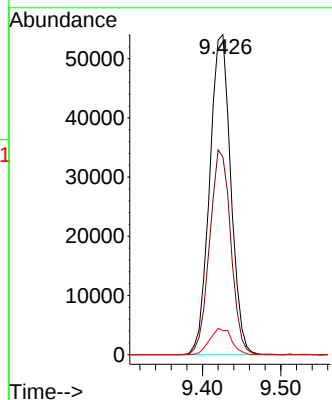
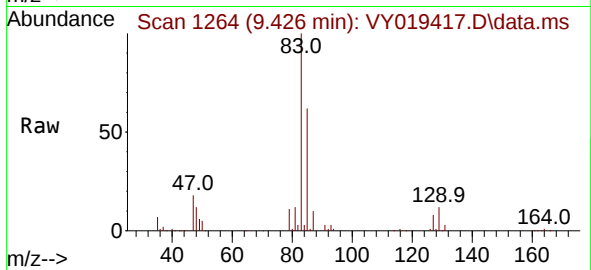




#47
Bromodichloromethane
Concen: 55.413 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

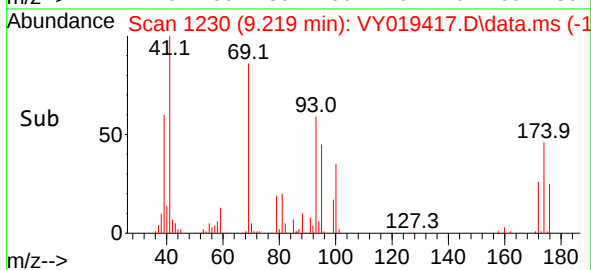
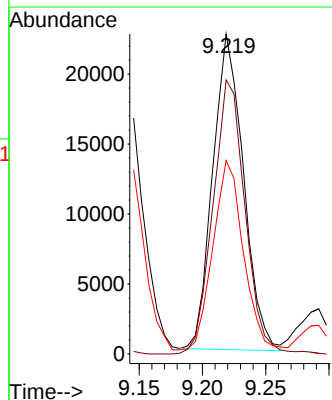
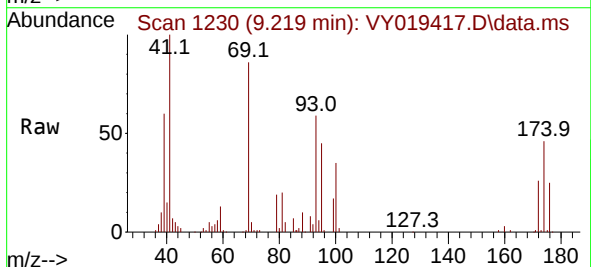
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

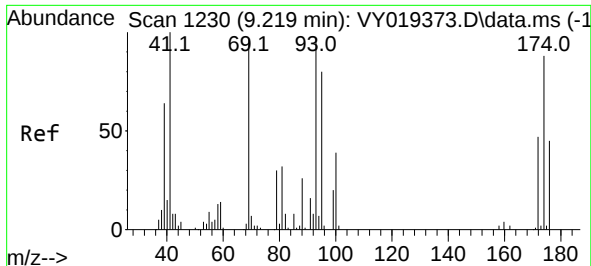
Tgt Ion: 83 Resp: 101395
Ion Ratio Lower Upper
83 100
85 61.8 50.1 75.1
127 7.5 7.4 11.0



#48
Methyl methacrylate
Concen: 59.700 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 41 Resp: 38075
Ion Ratio Lower Upper
41 100
69 90.5 84.1 126.1
39 59.9 43.6 65.4





#49

1,4-Dioxane

Concen: 1071.830 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

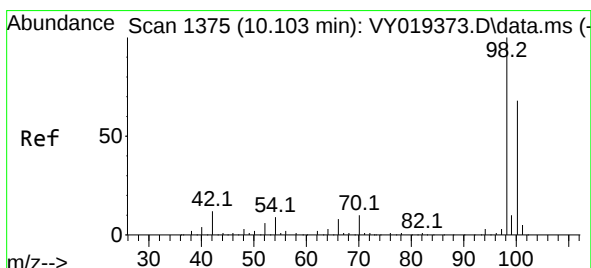
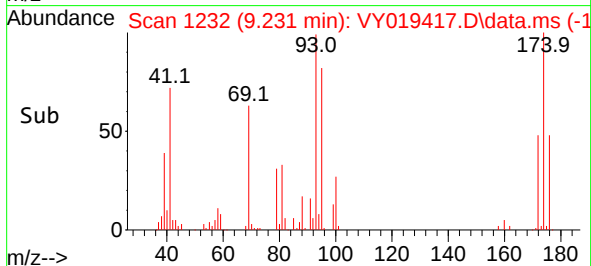
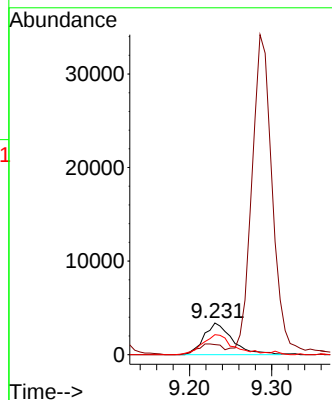
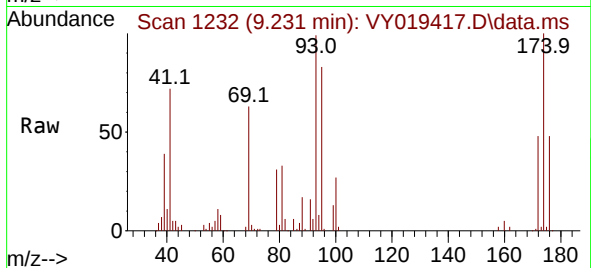
Tgt Ion: 88 Resp: 8136

Ion Ratio Lower Upper

88 100

43 29.3 0.0 0.0#

58 68.8 49.3 73.9



#50

Toluene-d8

Concen: 43.962 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019417.D

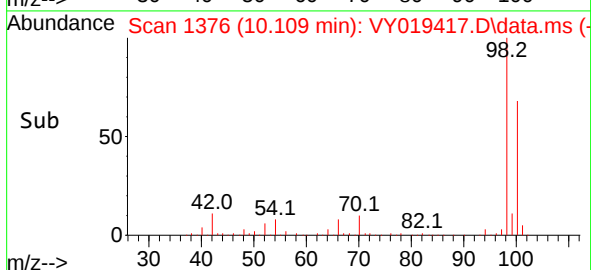
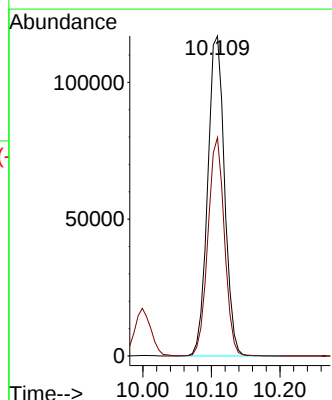
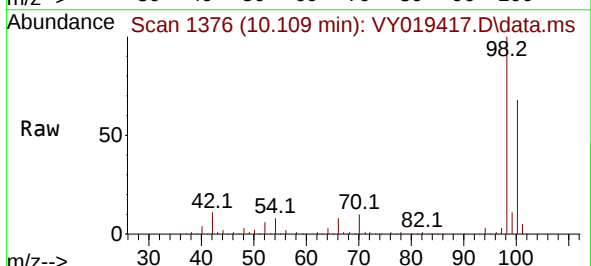
Acq: 30 Aug 2024 23:37

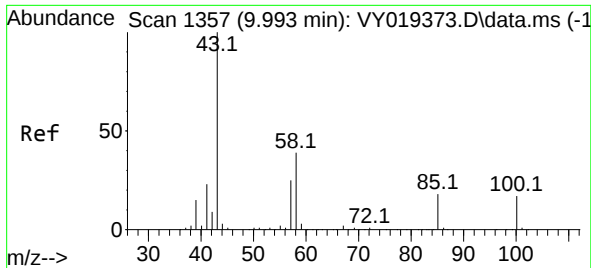
Tgt Ion: 98 Resp: 199975

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 234.723 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

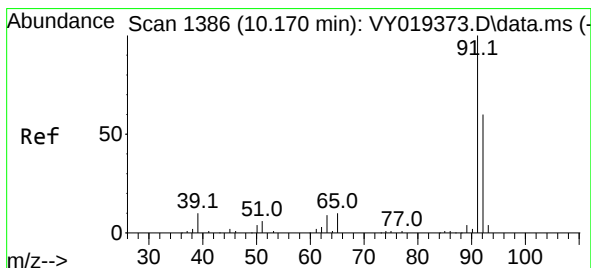
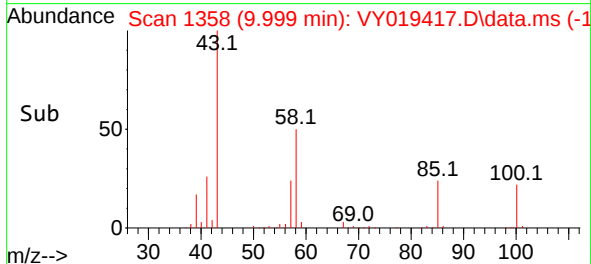
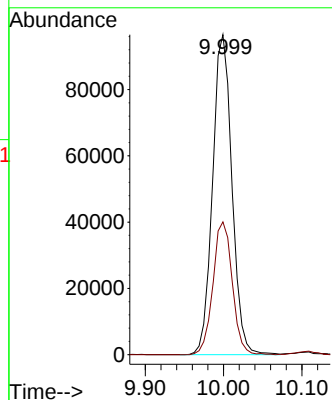
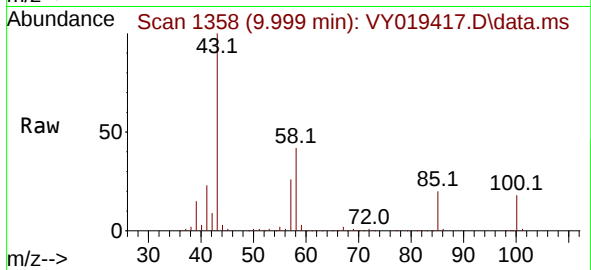
VSTDCCC050EC

Tgt Ion: 43 Resp: 165806

Ion Ratio Lower Upper

43 100

58 41.5 35.7 53.5



#52

Toluene

Concen: 41.857 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY019417.D

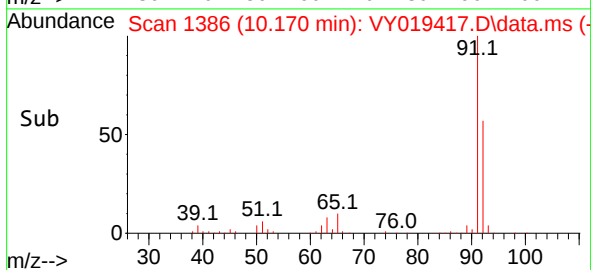
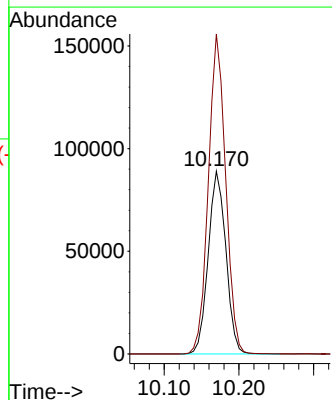
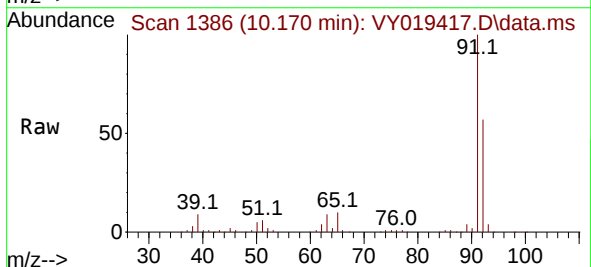
Acq: 30 Aug 2024 23:37

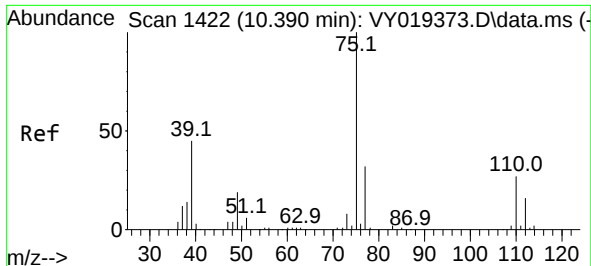
Tgt Ion: 92 Resp: 145830

Ion Ratio Lower Upper

92 100

91 171.4 139.0 208.6

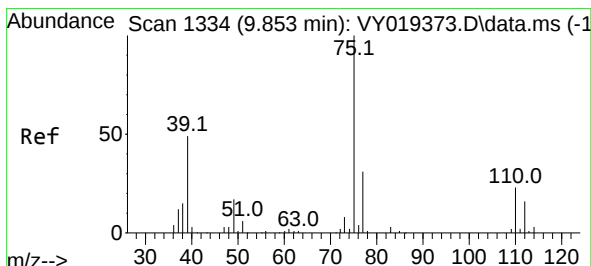
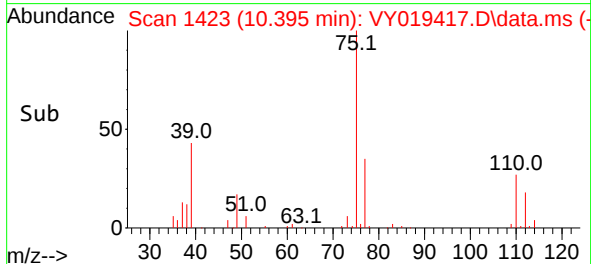
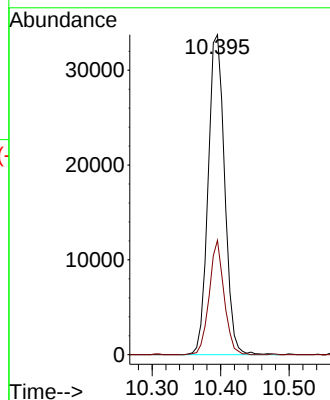
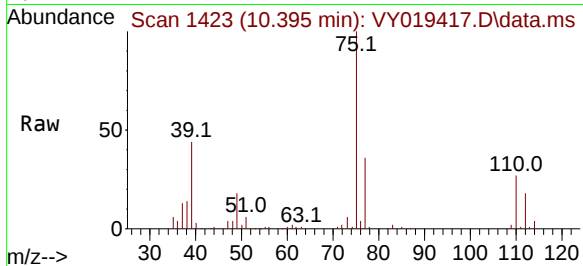




#53
t-1,3-Dichloropropene
Concen: 37.416 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

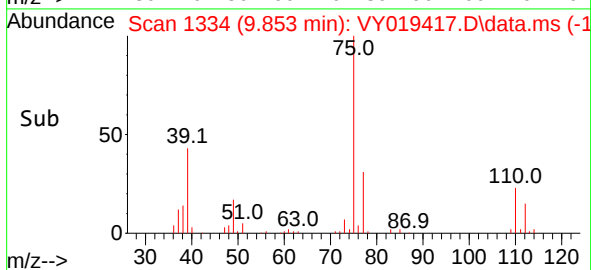
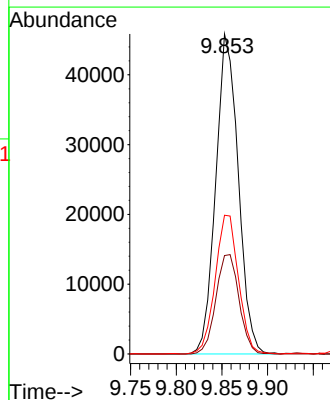
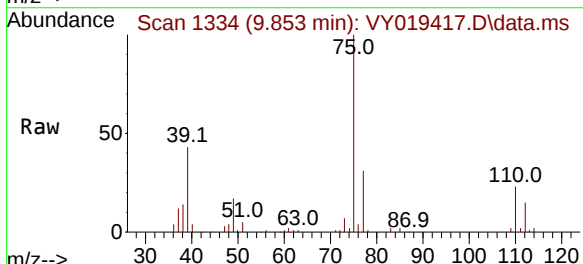
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

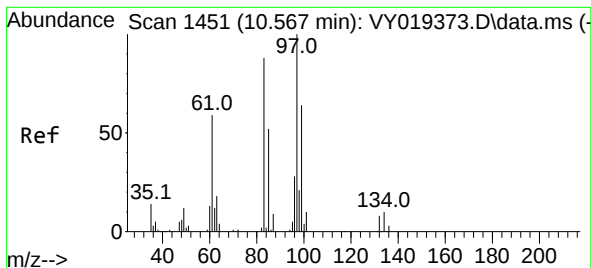
Tgt Ion: 75 Resp: 56548
Ion Ratio Lower Upper
75 100
77 35.7 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 43.850 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 75 Resp: 78472
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 43.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 43.731 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 38650

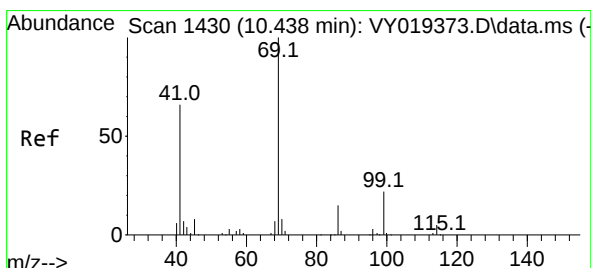
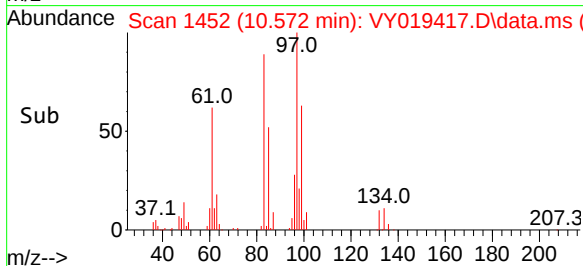
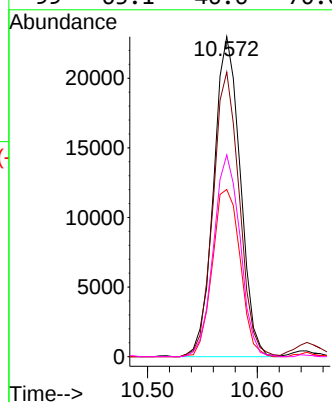
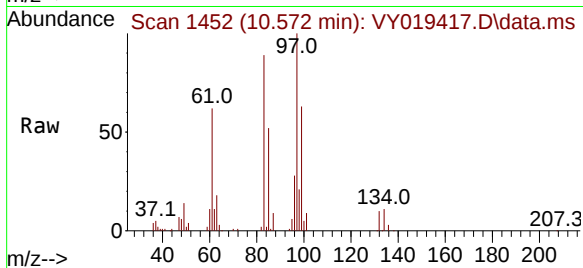
Ion Ratio Lower Upper

97 100

83 88.9 67.5 101.3

85 52.3 42.9 64.3

99 63.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 44.317 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

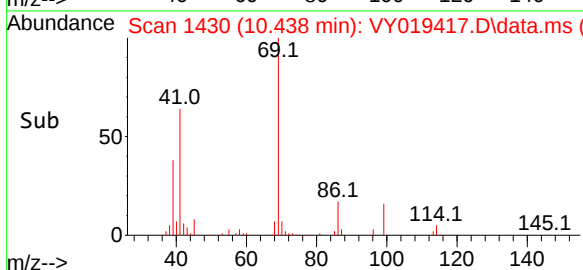
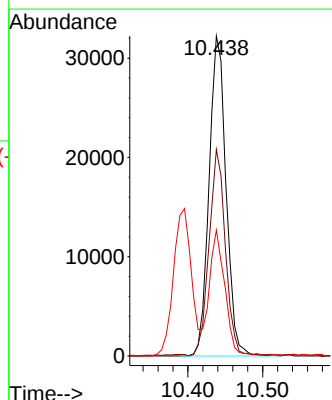
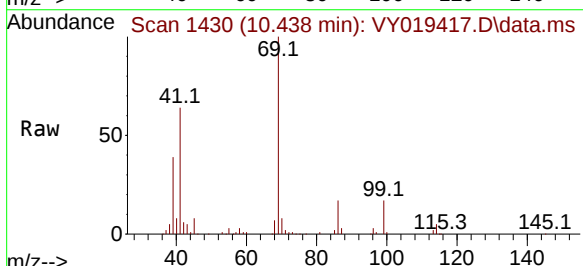
Tgt Ion: 69 Resp: 50882

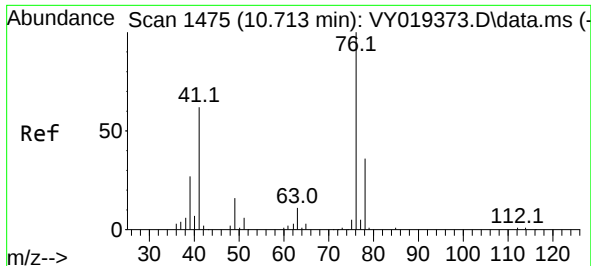
Ion Ratio Lower Upper

69 100

41 62.3 42.3 63.5

39 36.3 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 45.031 ug/l

RT: 10.718 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

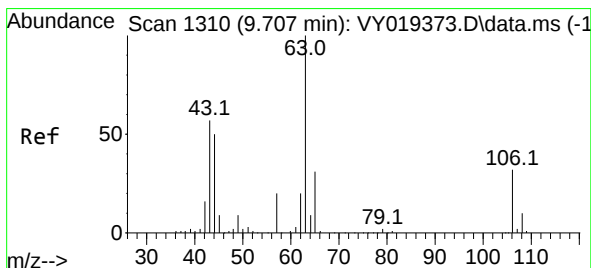
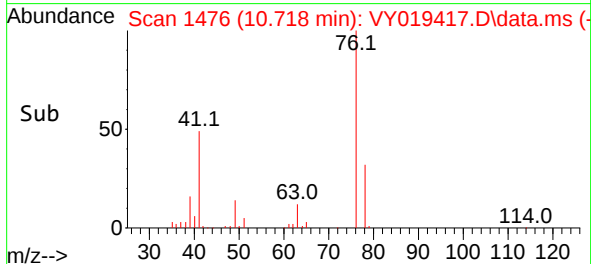
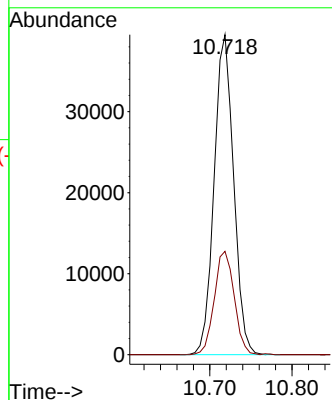
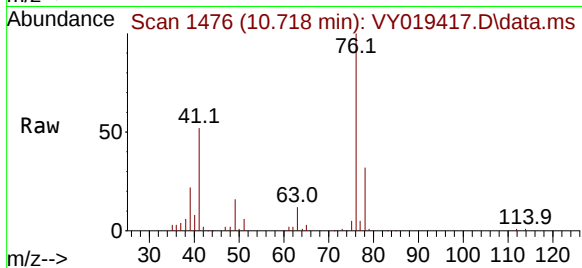
VSTDCCC050EC

Tgt Ion: 76 Resp: 65016

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 245.985 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY019417.D

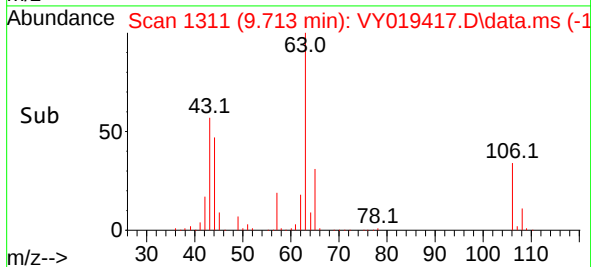
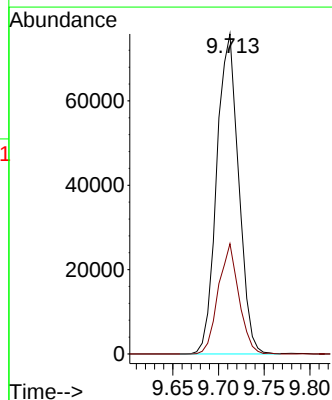
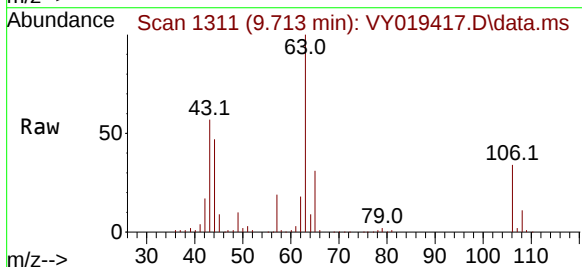
Acq: 30 Aug 2024 23:37

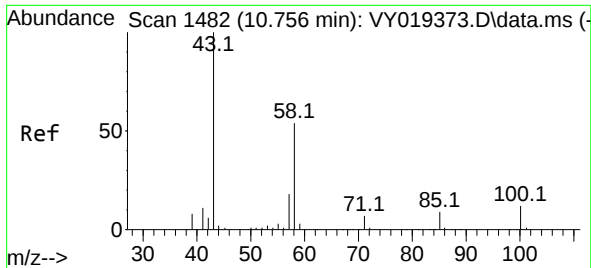
Tgt Ion: 63 Resp: 126616

Ion Ratio Lower Upper

63 100

106 32.4 23.7 35.5

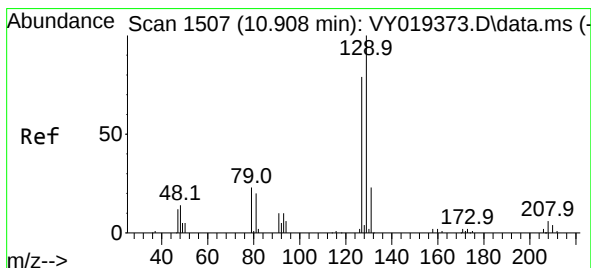
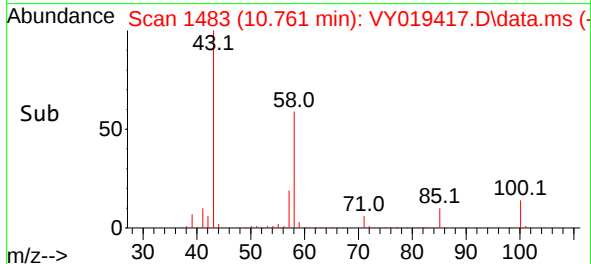
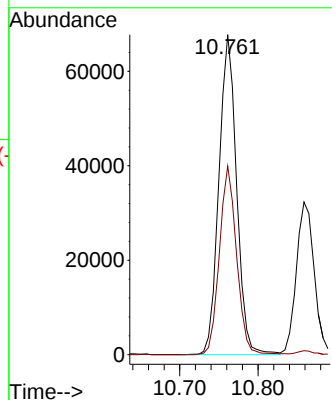
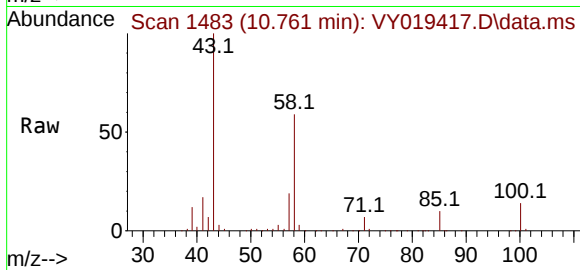




#59
2-Hexanone
Concen: 227.108 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

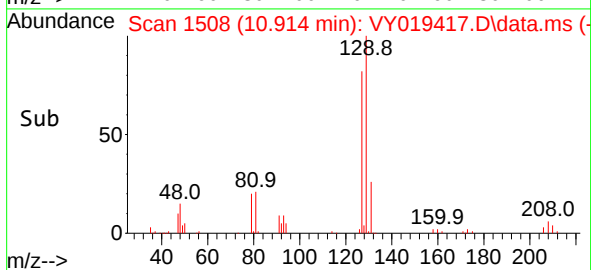
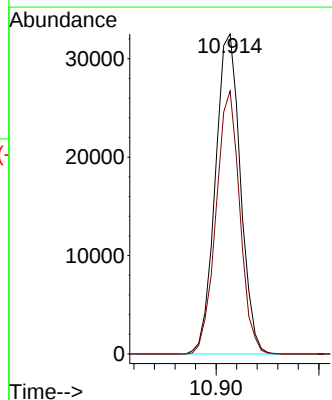
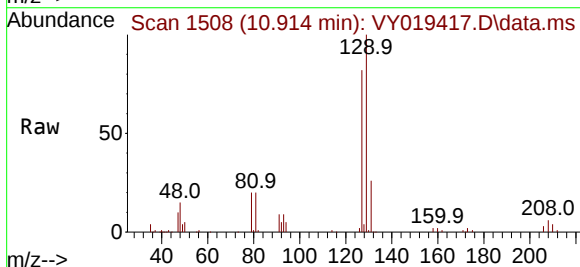
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

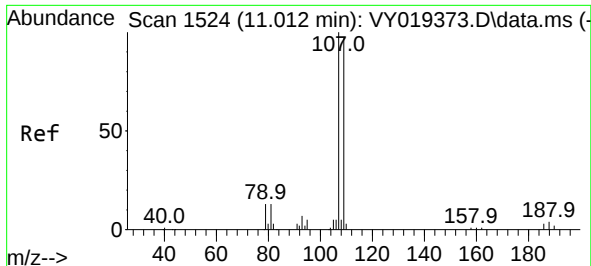
Tgt Ion: 43 Resp: 106385
Ion Ratio Lower Upper
43 100
58 57.3 31.4 94.0



#60
Dibromochloromethane
Concen: 45.723 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion:129 Resp: 55094
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

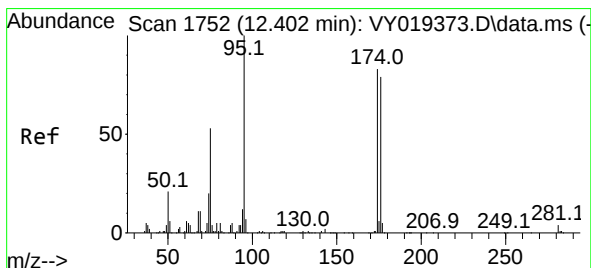
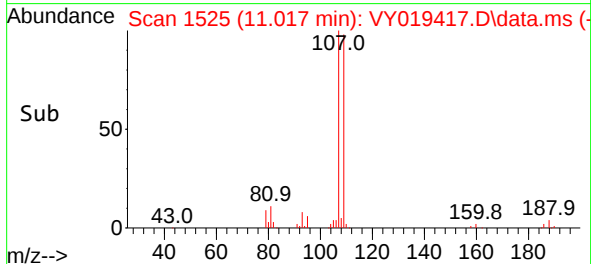
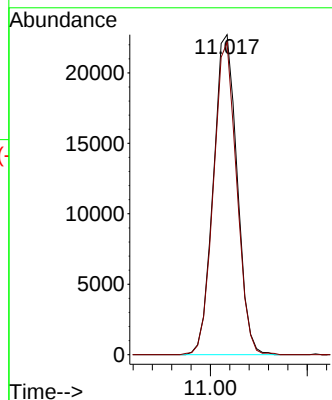
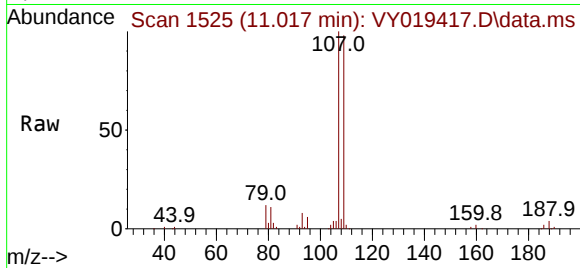




#61
1,2-Dibromoethane
Concen: 47.491 ug/l
RT: 11.017 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

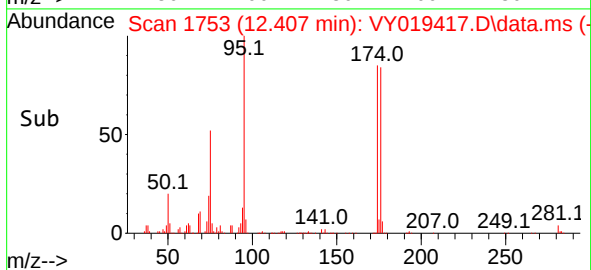
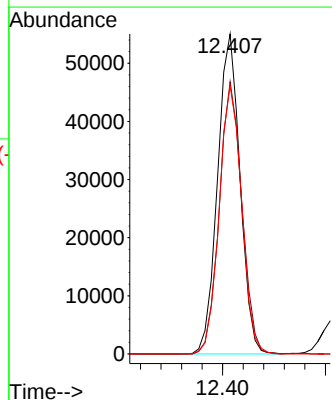
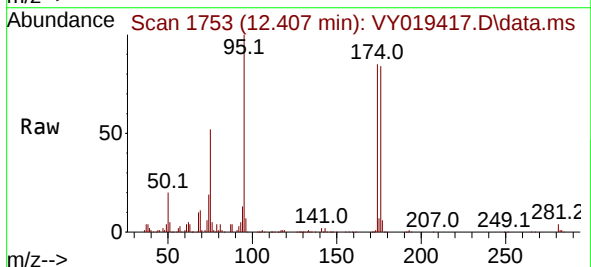
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

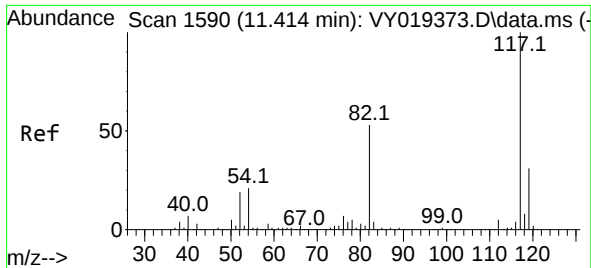
Tgt Ion:107 Resp: 38669
Ion Ratio Lower Upper
107 100
109 95.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 56.653 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 95 Resp: 83353
Ion Ratio Lower Upper
95 100
174 85.2 0.0 175.6
176 83.8 0.0 171.4

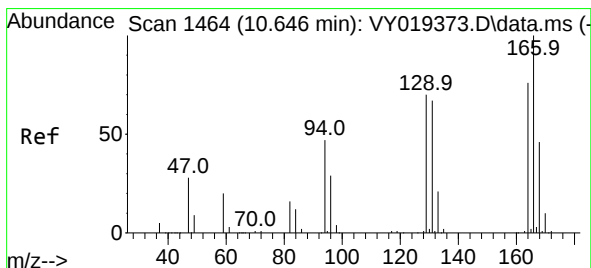
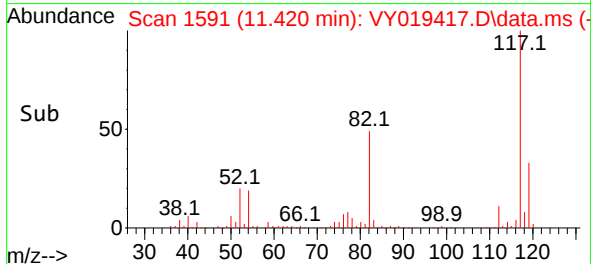
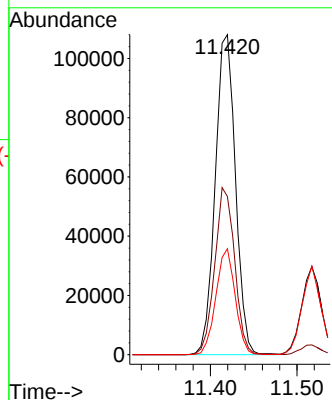
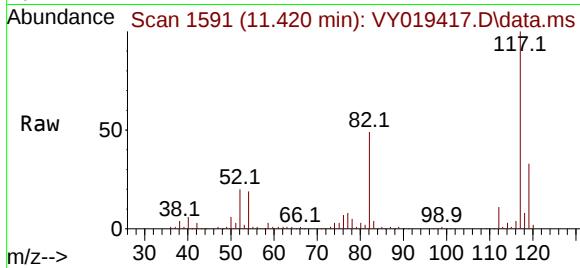




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

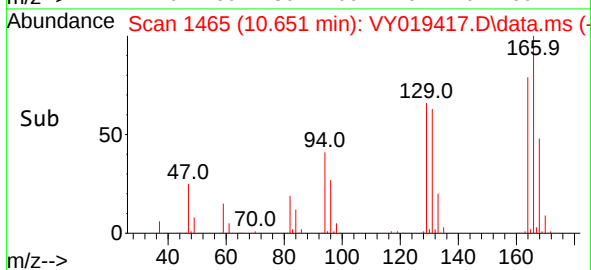
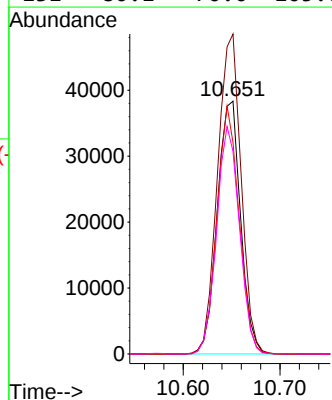
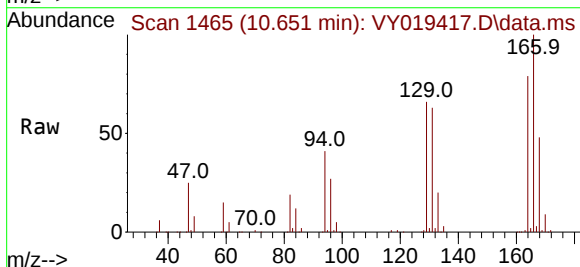
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

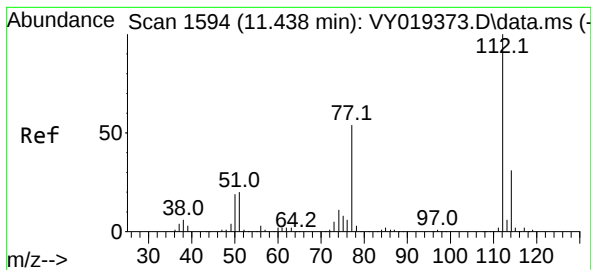
Tgt Ion:117 Resp: 175151
Ion Ratio Lower Upper
117 100
82 49.4 42.4 63.6
119 33.1 25.9 38.9



#64
Tetrachloroethene
Concen: 37.600 ug/l
RT: 10.651 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion:164 Resp: 64322
Ion Ratio Lower Upper
164 100
166 126.6 102.6 154.0
129 83.6 72.0 108.0
131 80.1 70.0 105.0

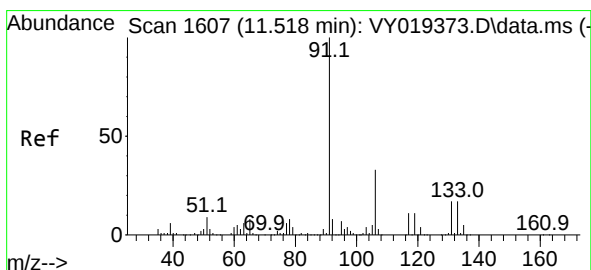
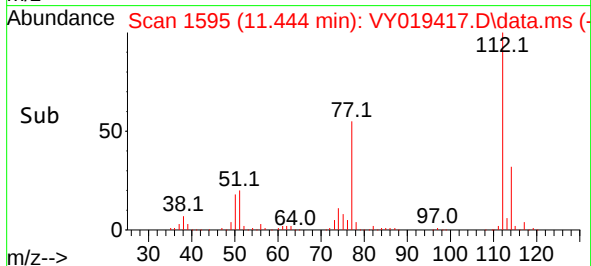
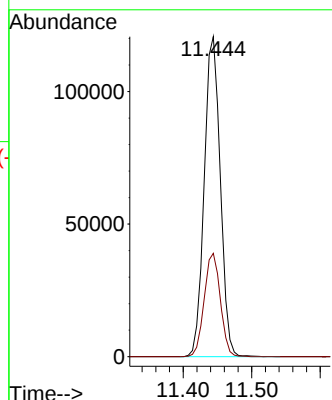
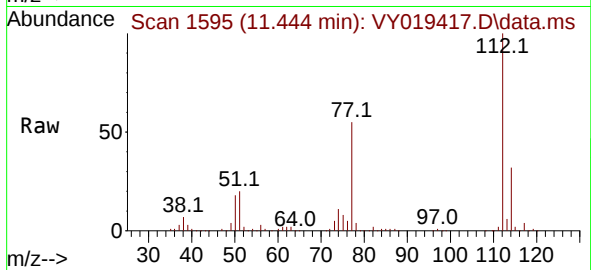




#65
Chlorobenzene
Concen: 50.260 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

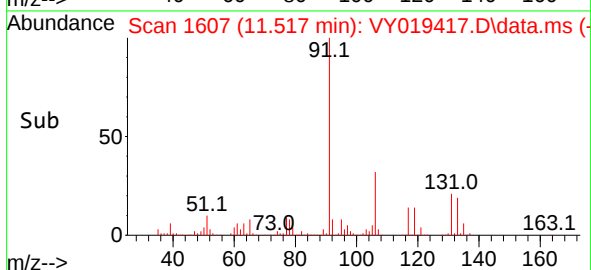
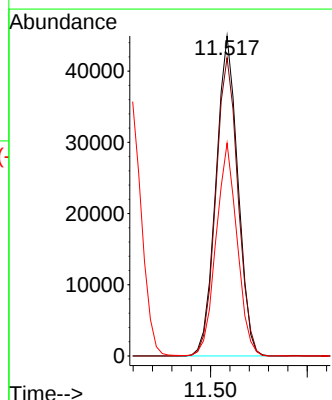
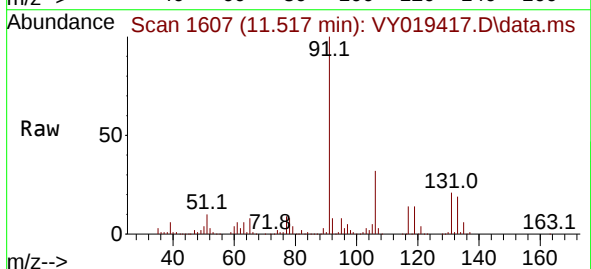
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

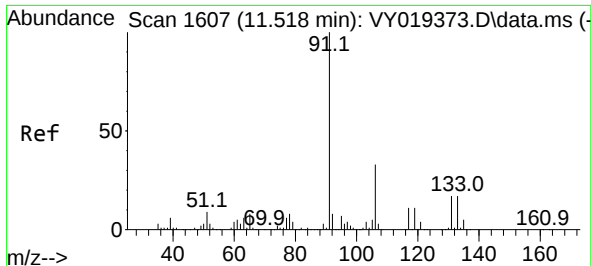
Tgt Ion:112 Resp: 196950
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.945 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion:131 Resp: 70584
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.3
119 64.0 34.1 102.2





#67

Ethyl Benzene

Concen: 50.260 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

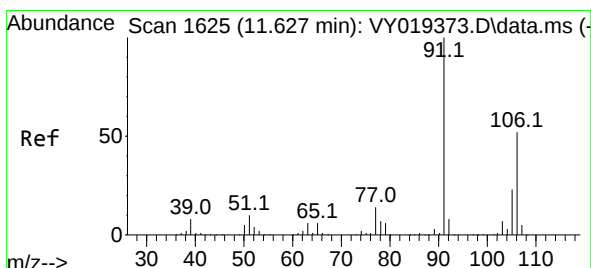
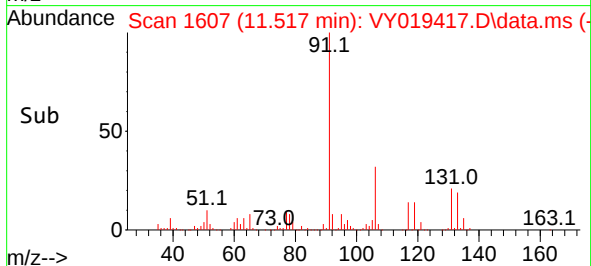
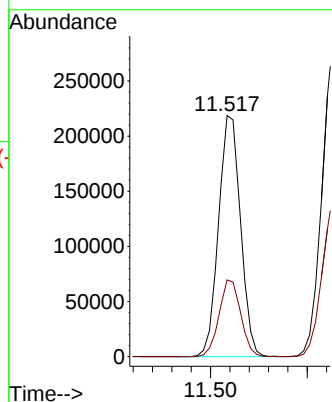
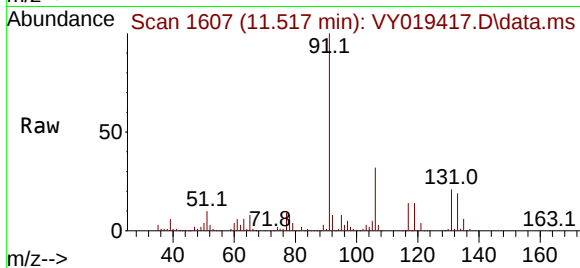
VSTDCCC050EC

Tgt Ion: 91 Resp: 344334

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 100.823 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY019417.D

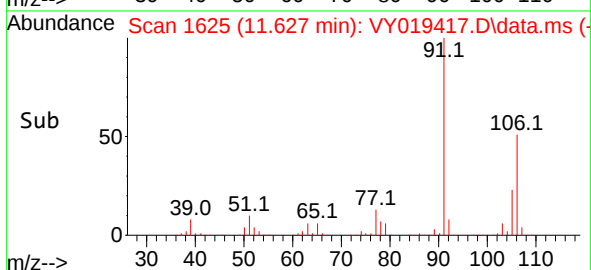
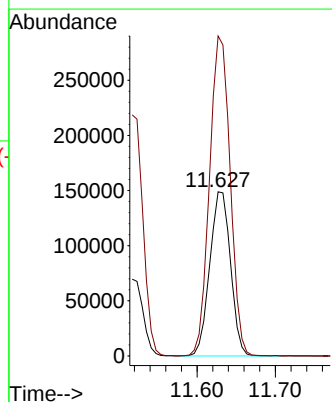
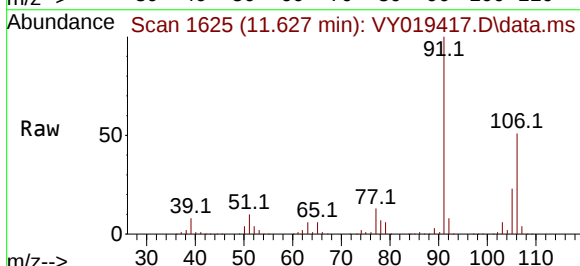
Acq: 30 Aug 2024 23:37

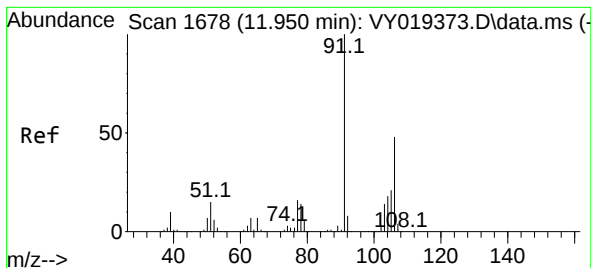
Tgt Ion:106 Resp: 273303

Ion Ratio Lower Upper

106 100

91 194.3 156.0 234.0





#69

o-Xylene

Concen: 51.283 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

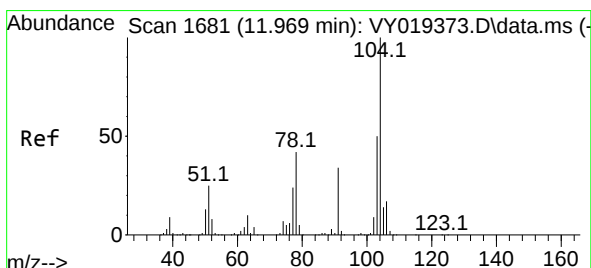
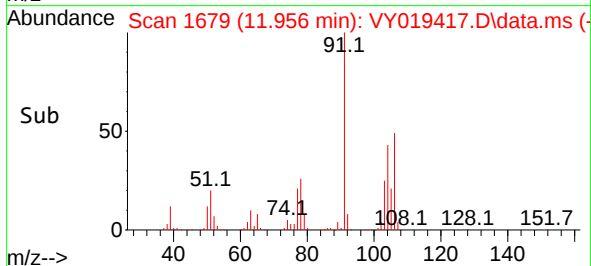
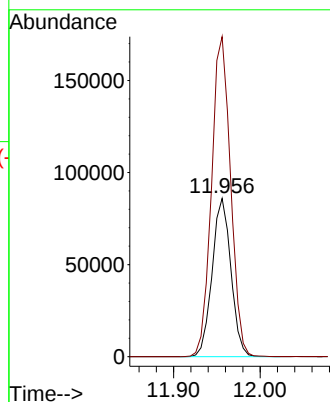
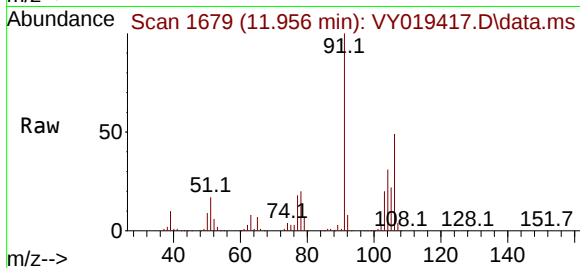
VSTDCCC050EC

Tgt Ion:106 Resp: 129482

Ion Ratio Lower Upper

106 100

91 205.4 103.6 310.8



#70

Styrene

Concen: 53.587 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

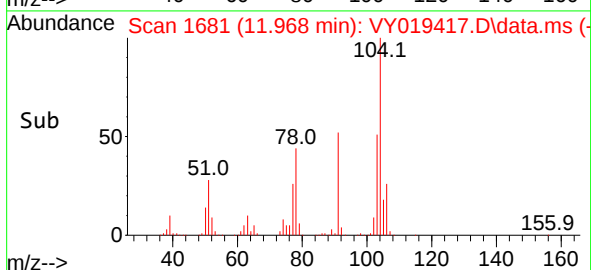
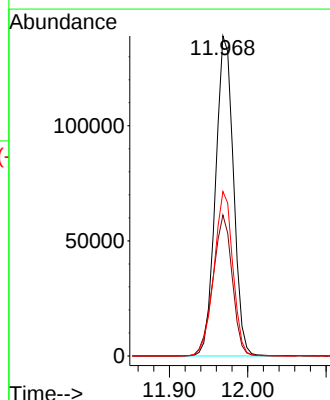
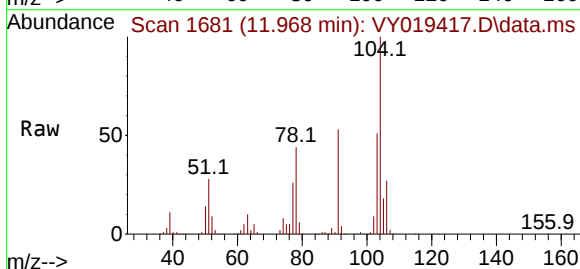
Tgt Ion:104 Resp: 221393

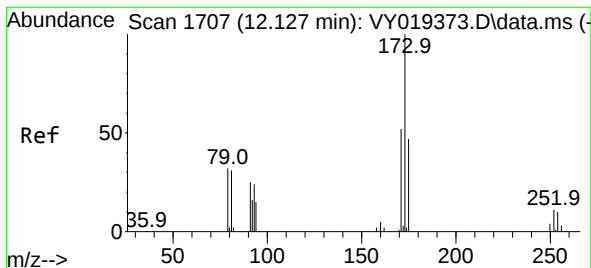
Ion Ratio Lower Upper

104 100

78 47.3 37.0 55.4

103 54.0 44.2 66.2





#71

Bromoform

Concen: 55.875 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

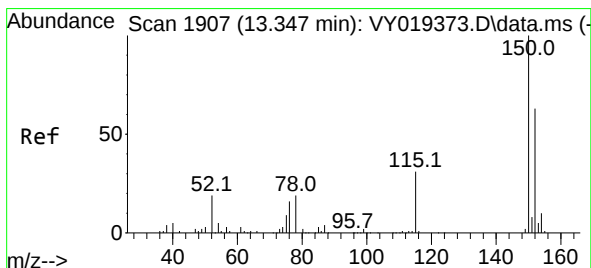
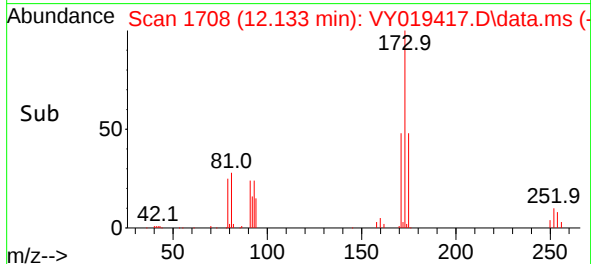
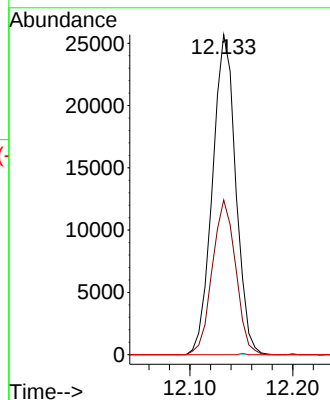
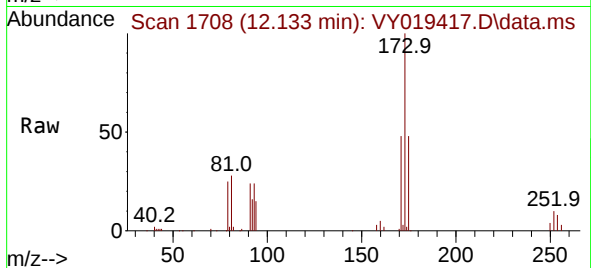
Tgt Ion:173 Resp: 40356

Ion Ratio Lower Upper

173 100

175 48.5 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

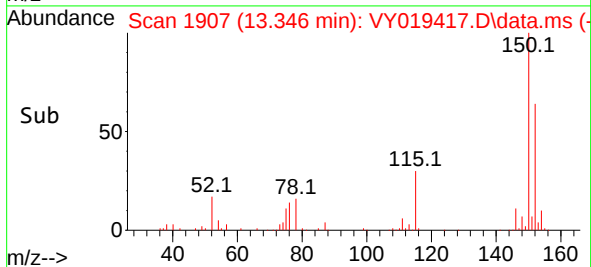
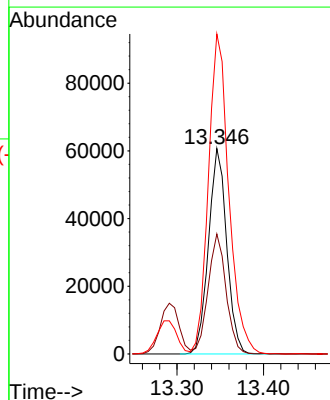
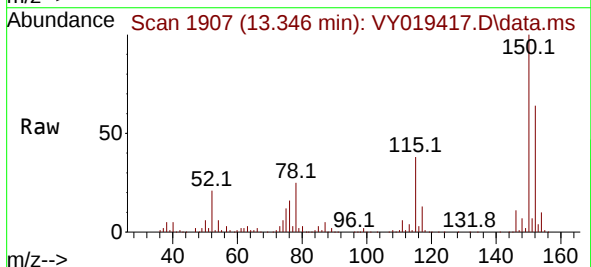
Tgt Ion:152 Resp: 88678

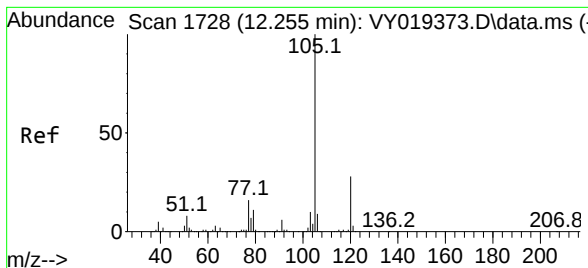
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 174.4 0.0 345.6





#73

Isopropylbenzene

Concen: 46.392 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

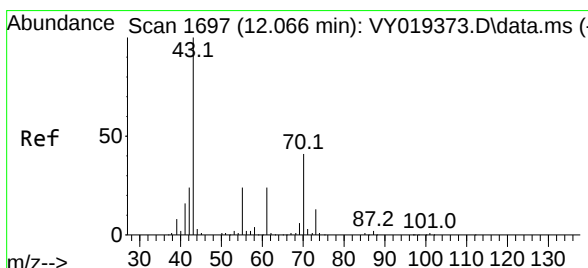
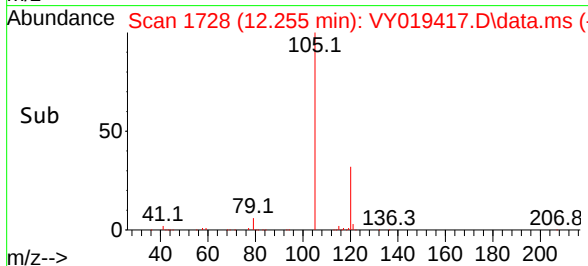
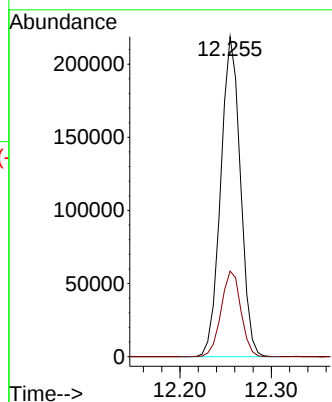
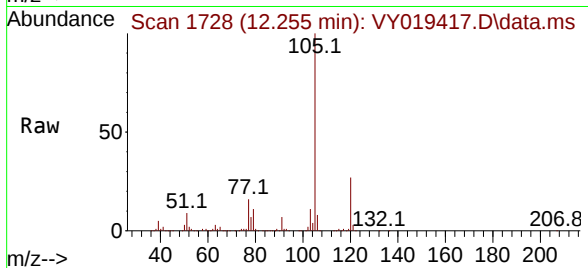
VSTDCCC050EC

Tgt Ion:105 Resp: 328031

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 55.060 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Tgt Ion: 43 Resp: 74863

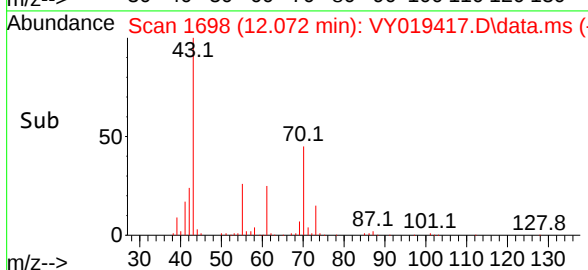
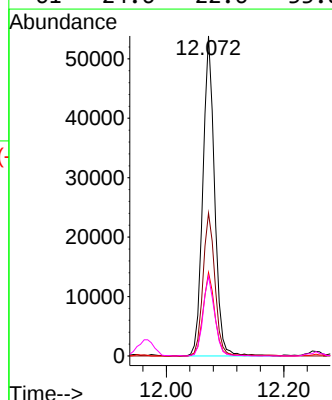
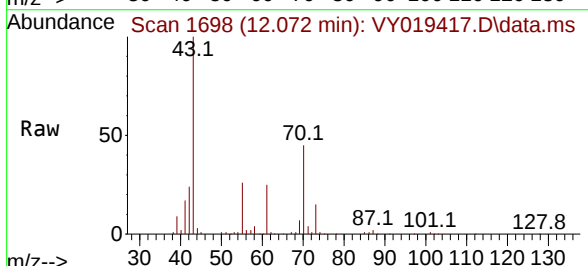
Ion Ratio Lower Upper

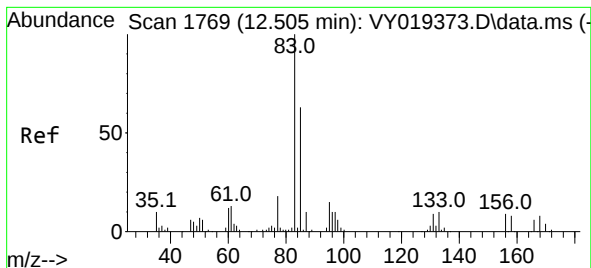
43 100

70 45.1 41.4 62.2

55 26.2 23.3 34.9

61 24.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.735 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

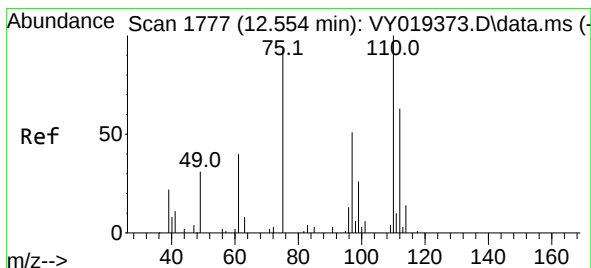
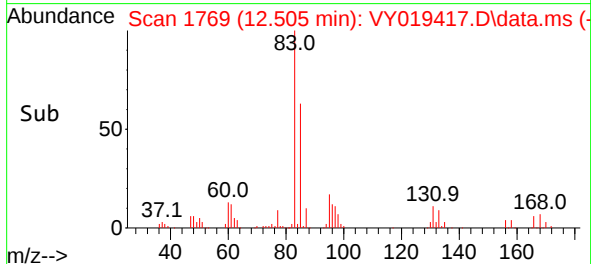
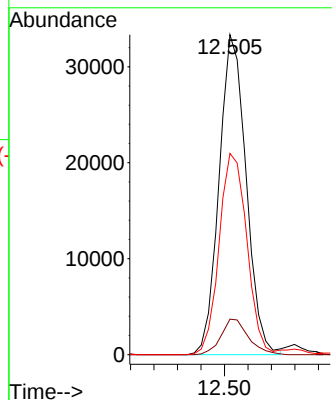
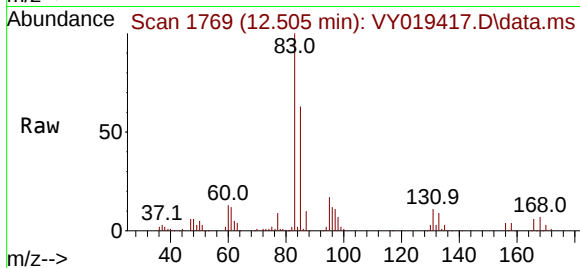
Tgt Ion: 83 Resp: 53317

Ion Ratio Lower Upper

83 100

131 11.3 5.0 14.9

85 65.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 55.297 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019417.D

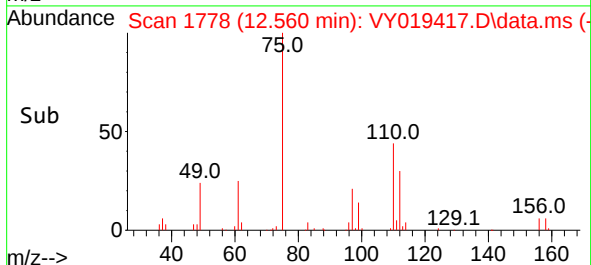
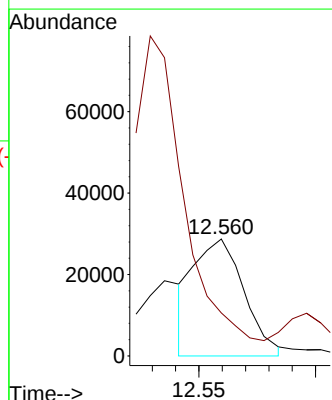
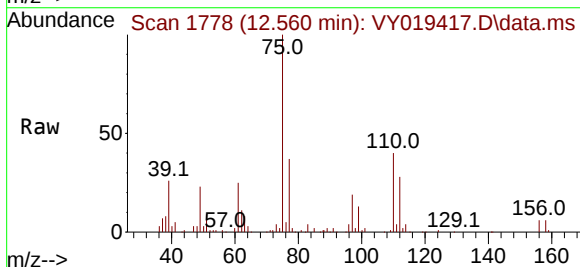
Acq: 30 Aug 2024 23:37

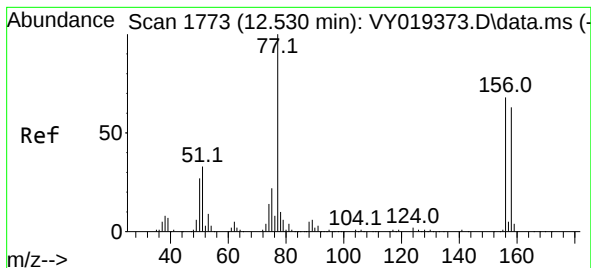
Tgt Ion: 75 Resp: 43064

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.251 ug/l

RT: 12.535 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

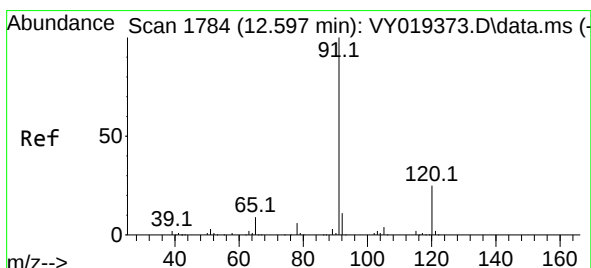
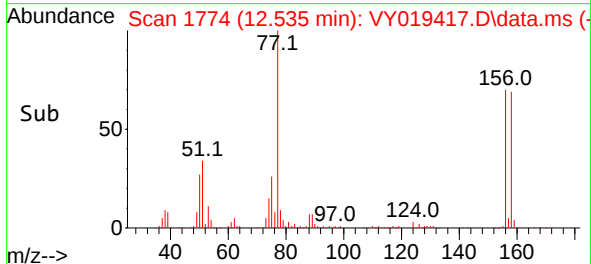
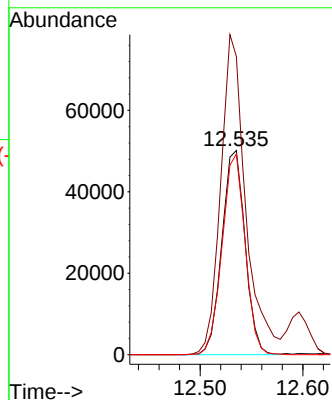
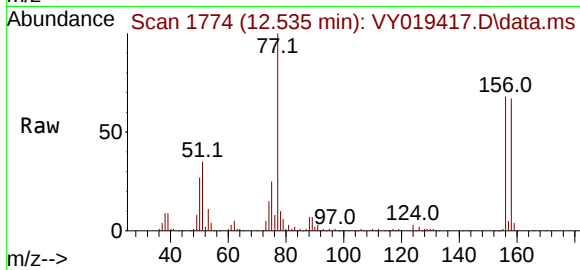
Tgt Ion:156 Resp: 78719

Ion Ratio Lower Upper

156 100

77 168.4 87.1 261.3

158 97.2 48.6 145.9



#78

n-propylbenzene

Concen: 45.051 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY019417.D

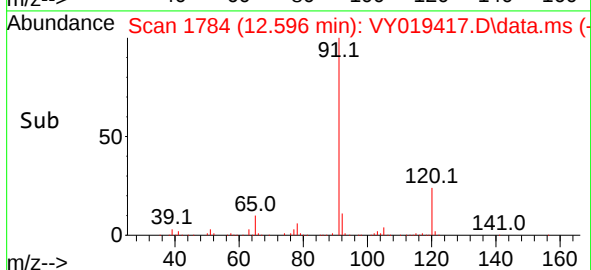
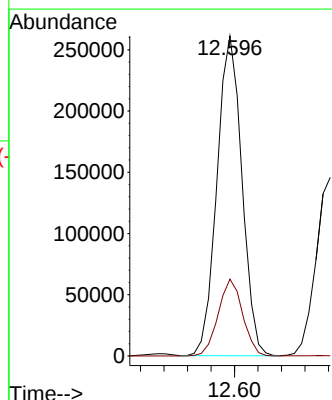
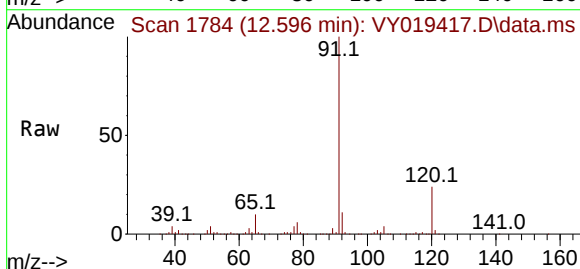
Acq: 30 Aug 2024 23:37

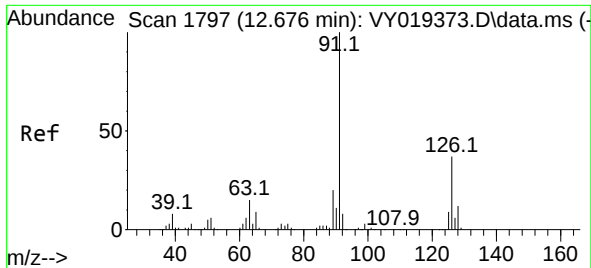
Tgt Ion: 91 Resp: 384893

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

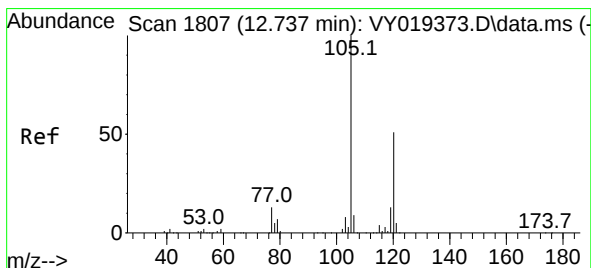
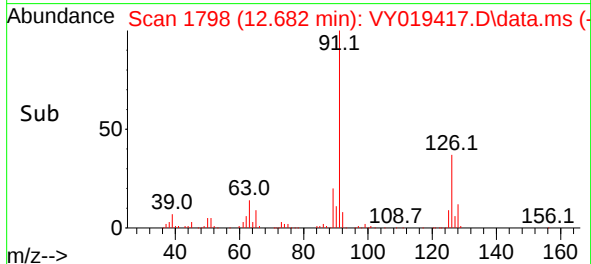
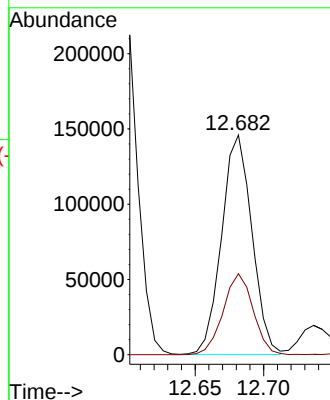
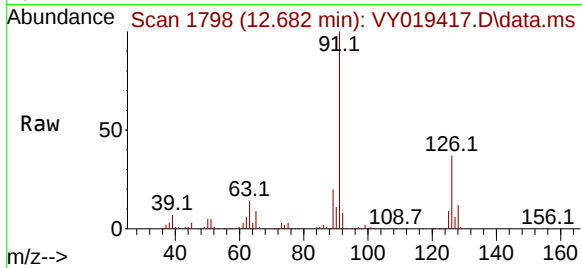




#79
2-Chlorotoluene
Concen: 47.141 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

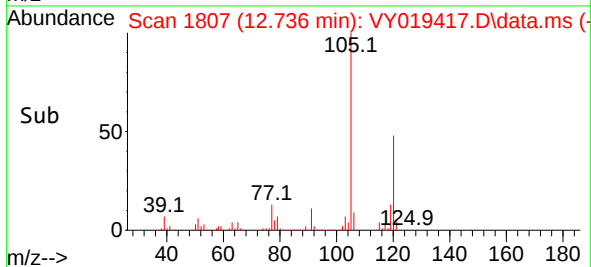
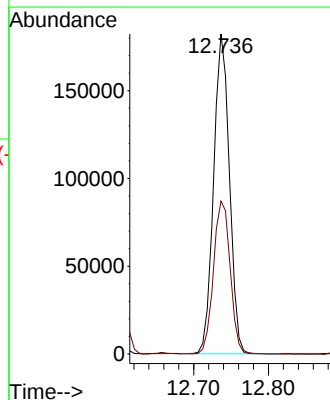
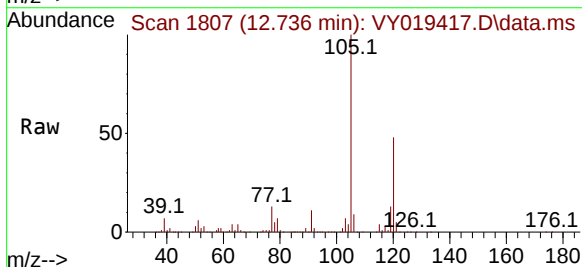
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

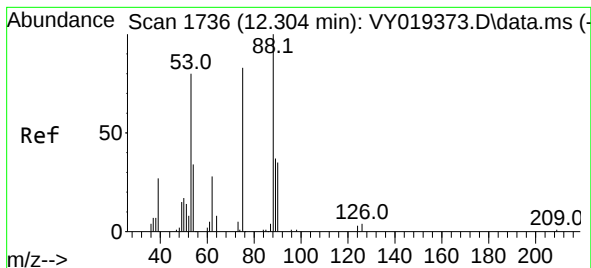
Tgt Ion: 91 Resp: 224380
Ion Ratio Lower Upper
91 100
126 36.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 47.924 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 105 Resp: 266995
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.2

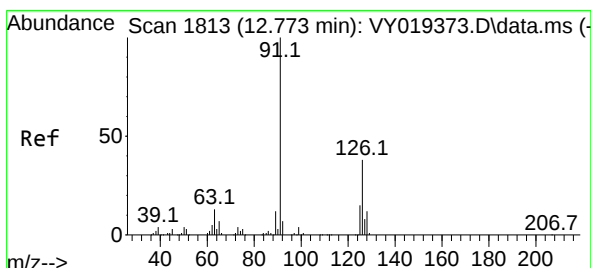
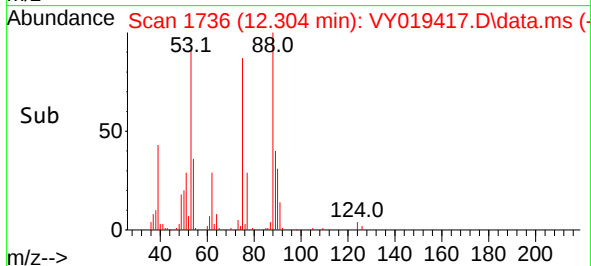
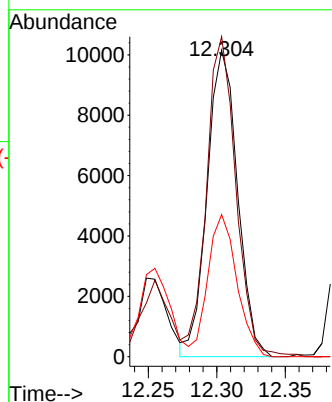
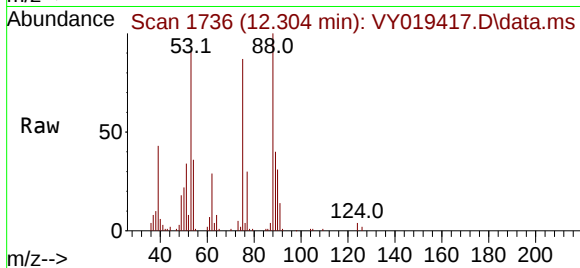




#81
trans-1,4-Dichloro-2-butene
Concen: 49.617 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

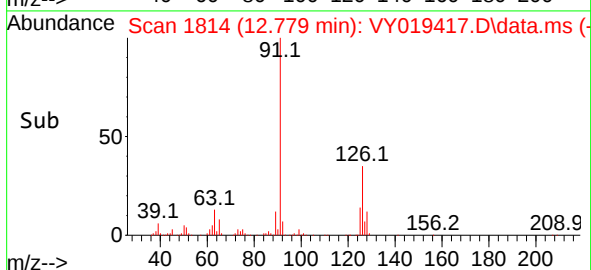
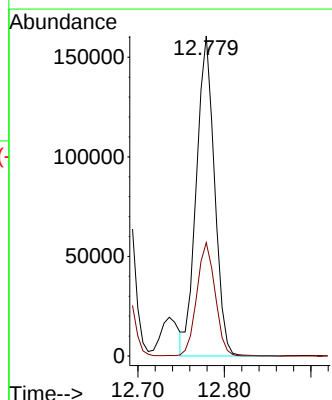
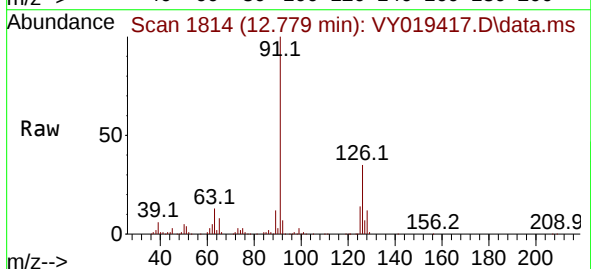
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

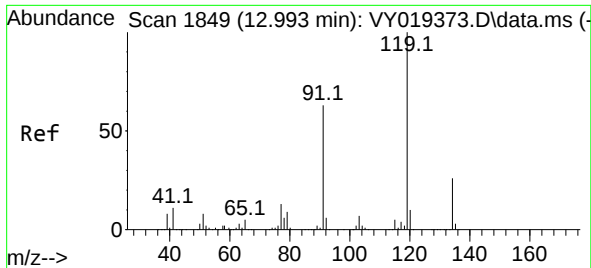
Tgt Ion: 75 Resp: 15618
Ion Ratio Lower Upper
75 100
53 101.5 66.8 100.2#
89 44.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 48.498 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion: 91 Resp: 233519
Ion Ratio Lower Upper
91 100
126 35.8 17.6 52.9

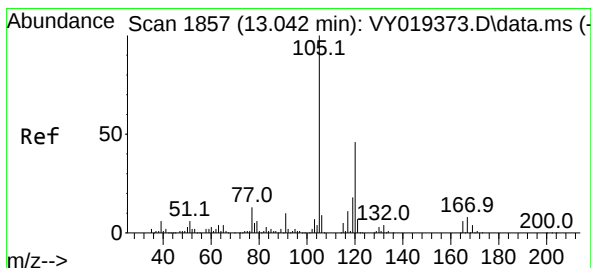
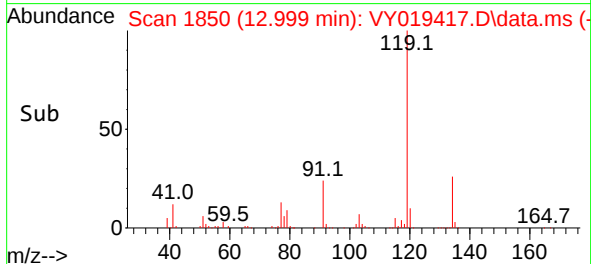
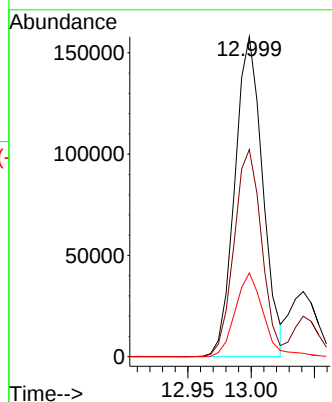
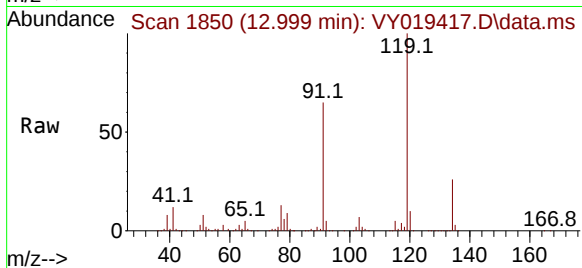




#83
tert-Butylbenzene
Concen: 47.569 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

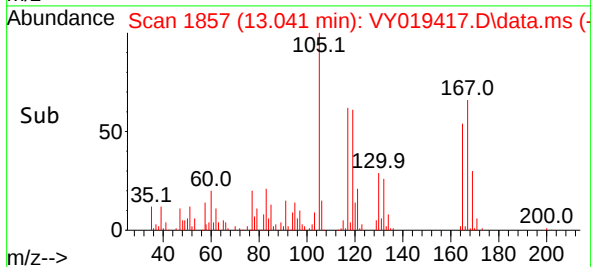
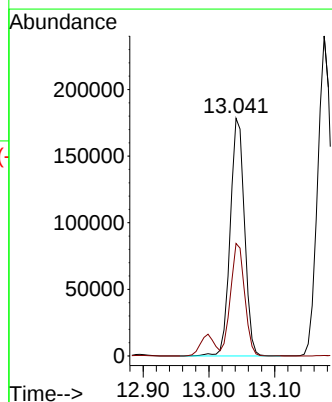
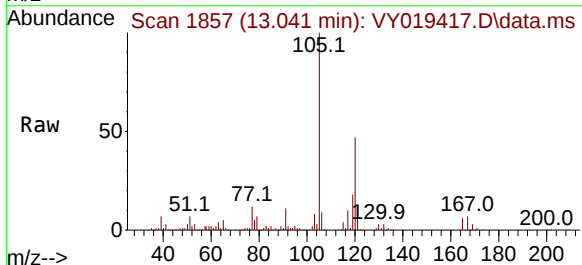
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

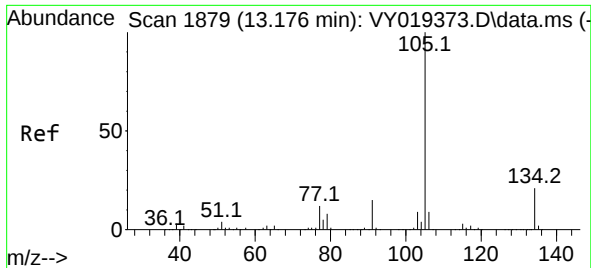
Tgt Ion:119 Resp: 242385
Ion Ratio Lower Upper
119 100
91 64.1 31.3 93.8
134 26.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 50.408 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY019417.D
Acq: 30 Aug 2024 23:37

Tgt Ion:105 Resp: 269620
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6

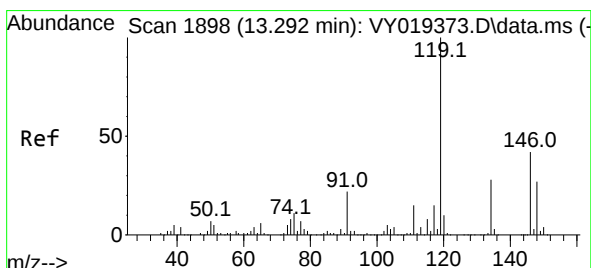
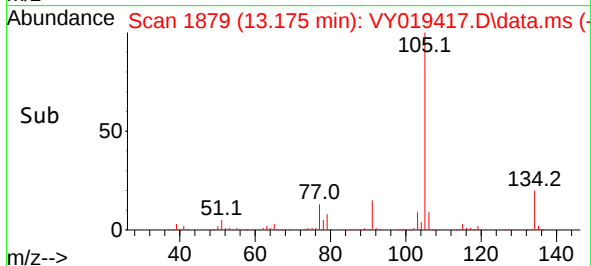
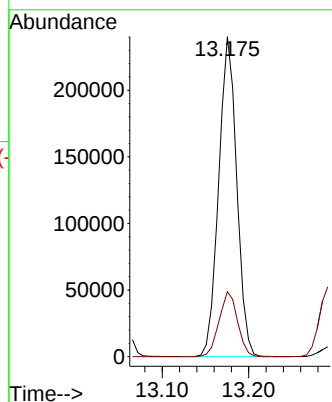
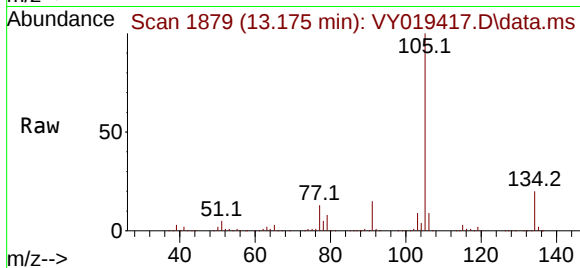




#85
 sec-Butylbenzene
 Concen: 46.565 ug/l
 RT: 13.175 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY019417.D
 Acq: 30 Aug 2024 23:37

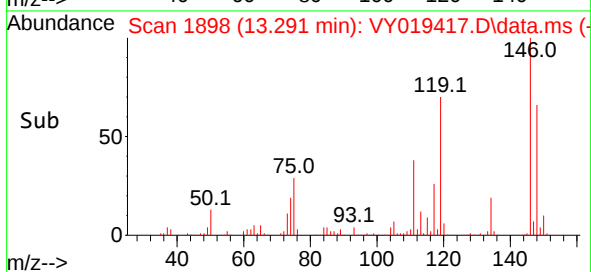
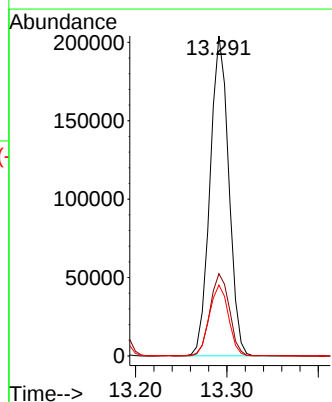
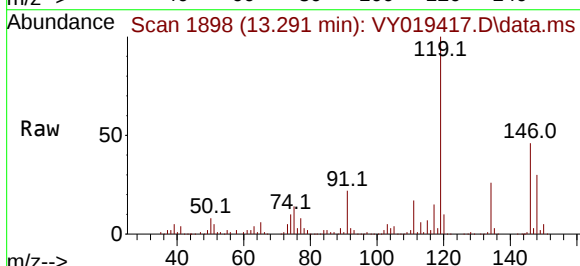
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

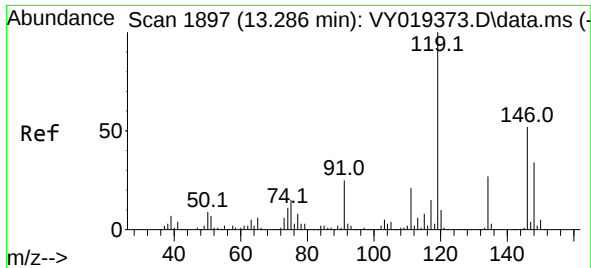
Tgt Ion:105 Resp: 347732
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 47.656 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY019417.D
 Acq: 30 Aug 2024 23:37

Tgt Ion:119 Resp: 289890
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 22.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.951 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

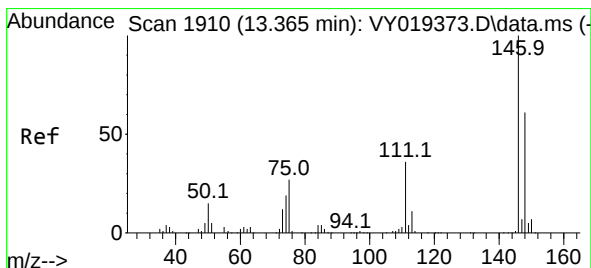
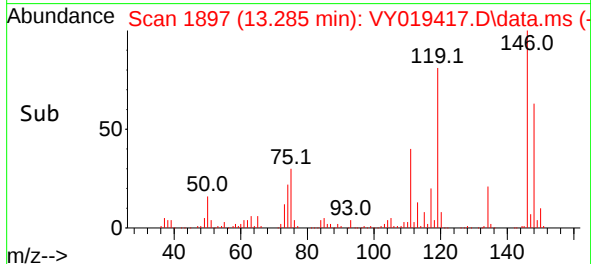
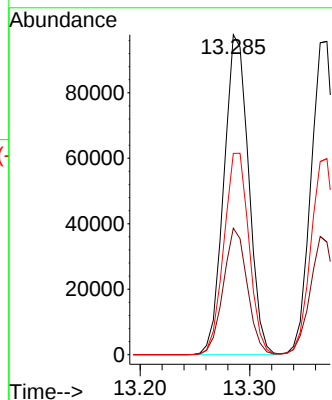
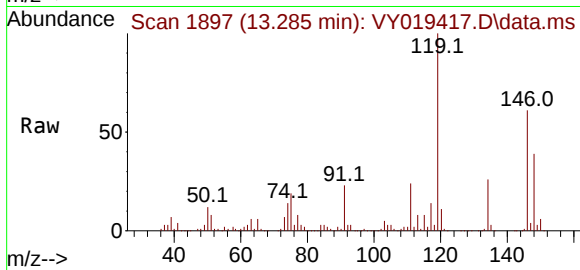
Tgt Ion:146 Resp: 153088

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

148 63.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.077 ug/l

RT: 13.370 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

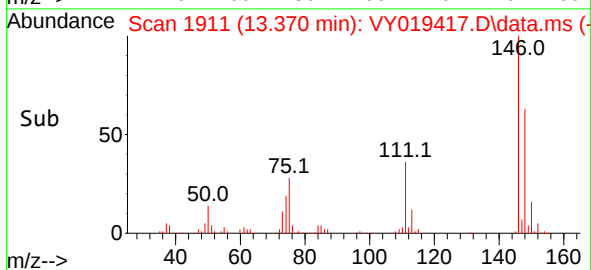
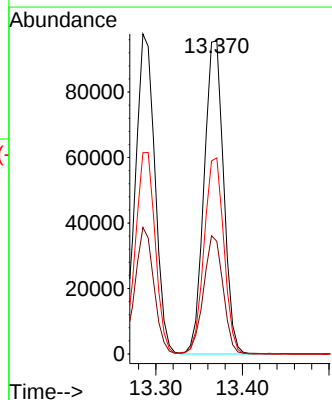
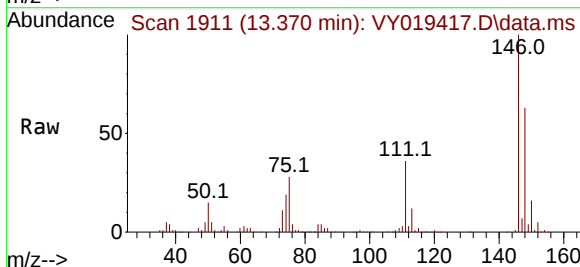
Tgt Ion:146 Resp: 150075

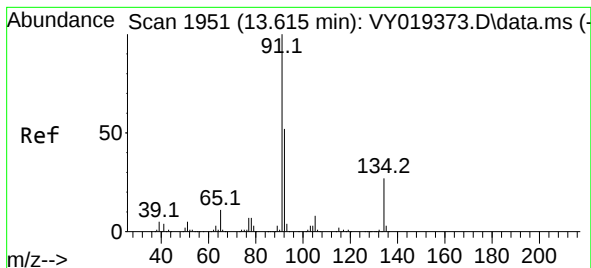
Ion Ratio Lower Upper

146 100

111 37.7 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 45.084 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

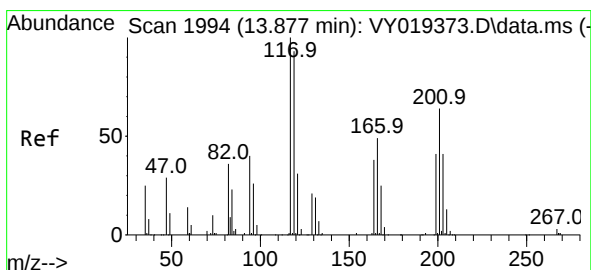
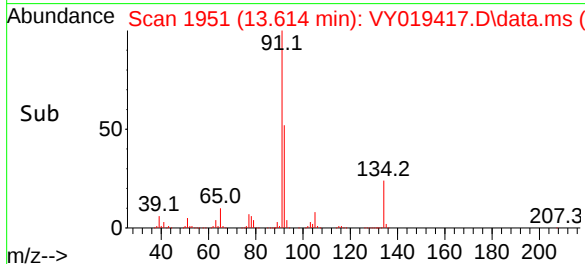
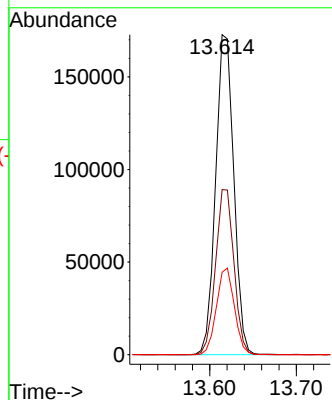
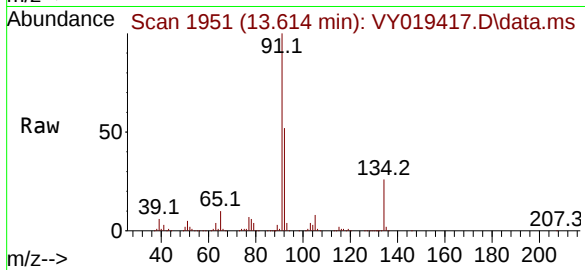
Tgt Ion: 91 Resp: 251979

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.7

134 26.8 12.9 38.7



#90

Hexachloroethane

Concen: 47.235 ug/l

RT: 13.876 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY019417.D

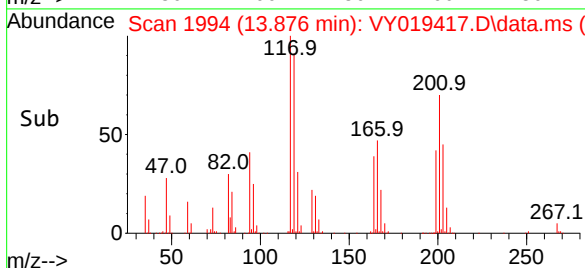
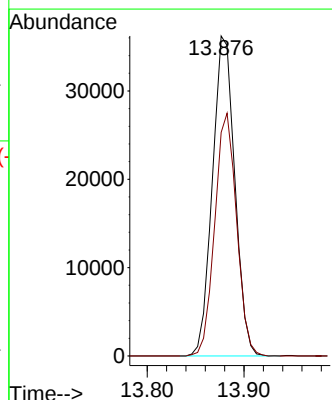
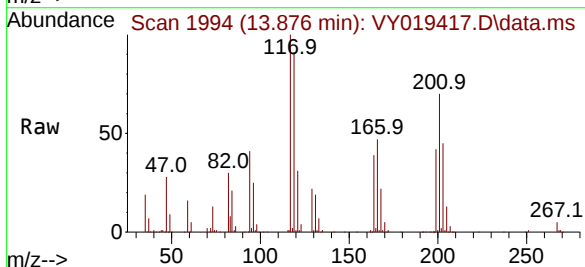
Acq: 30 Aug 2024 23:37

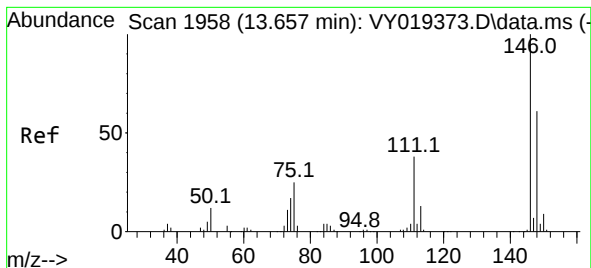
Tgt Ion: 117 Resp: 58248

Ion Ratio Lower Upper

117 100

201 73.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.282 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

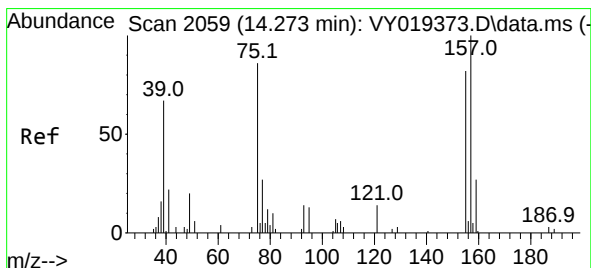
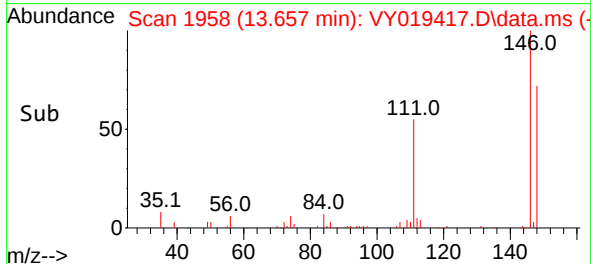
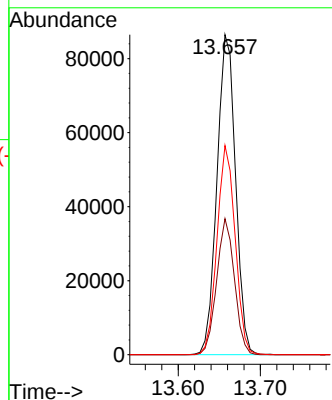
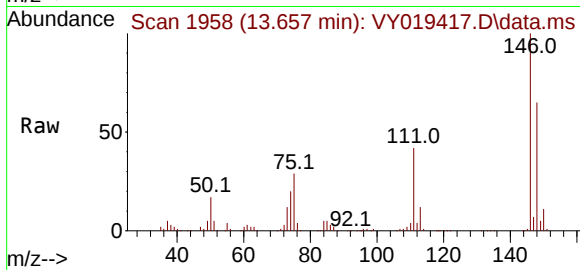
Tgt Ion:146 Resp: 136014

Ion Ratio Lower Upper

146 100

111 40.6 19.9 59.7

148 63.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.593 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

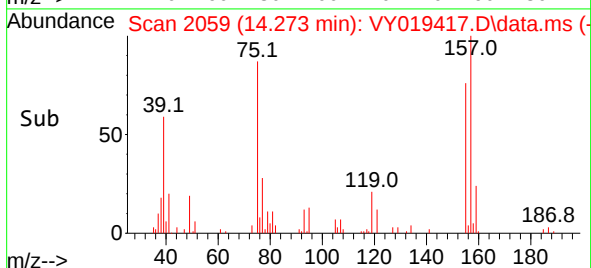
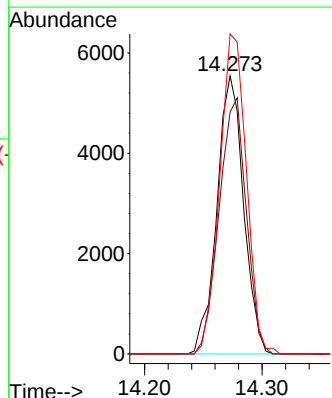
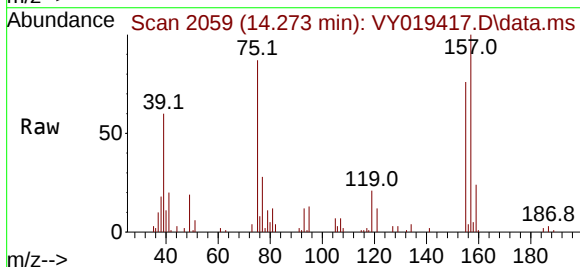
Tgt Ion: 75 Resp: 8763

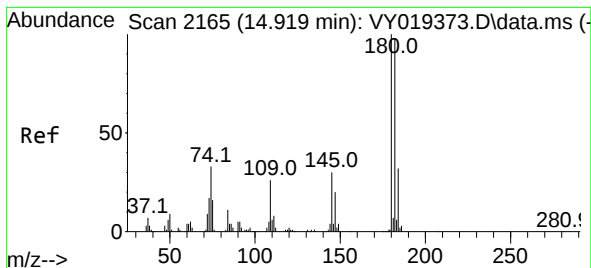
Ion Ratio Lower Upper

75 100

155 93.5 48.6 145.8

157 115.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.881 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

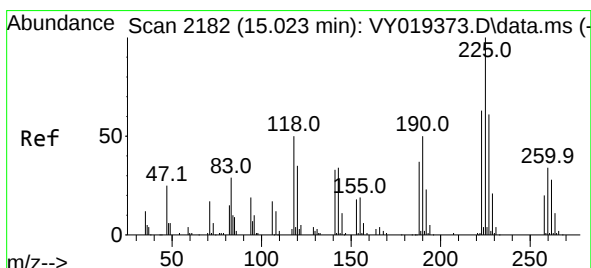
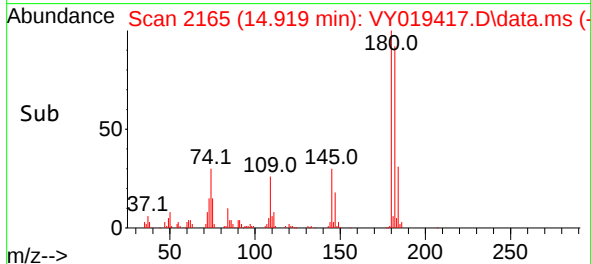
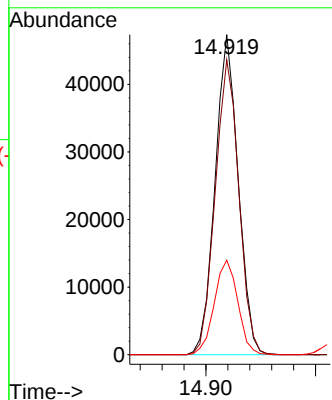
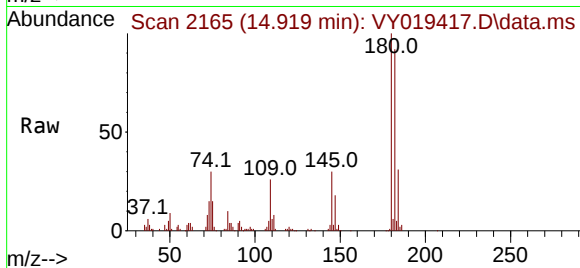
Tgt Ion:180 Resp: 69327

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 36.567 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

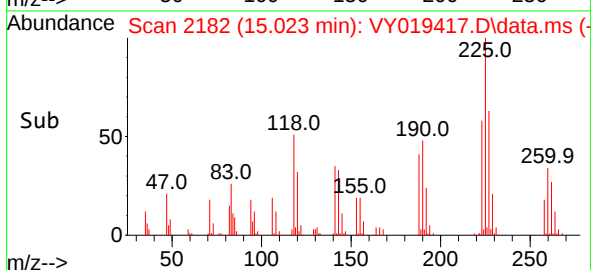
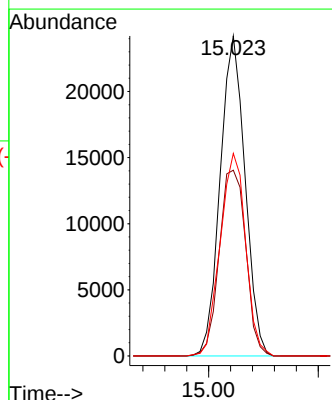
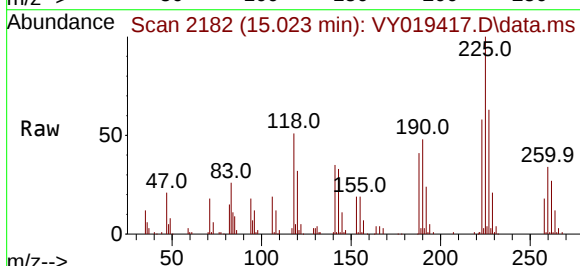
Tgt Ion:225 Resp: 38117

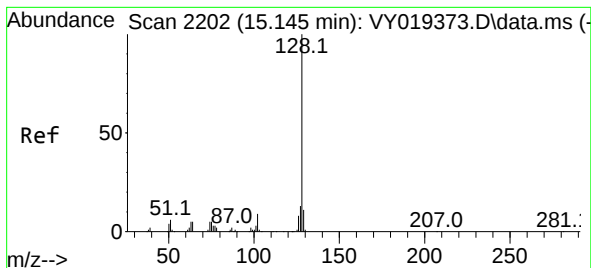
Ion Ratio Lower Upper

225 100

223 61.9 30.4 91.2

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 59.510 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

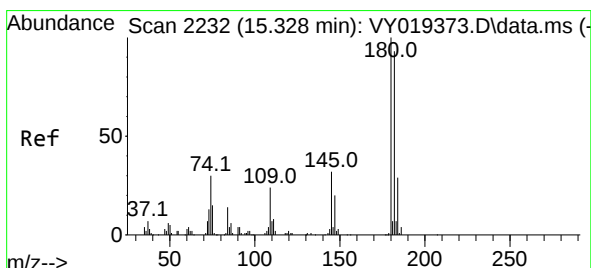
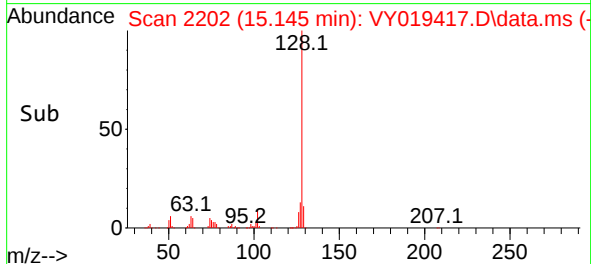
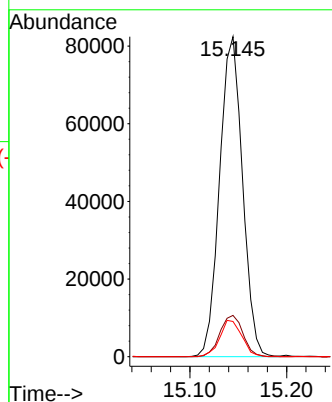
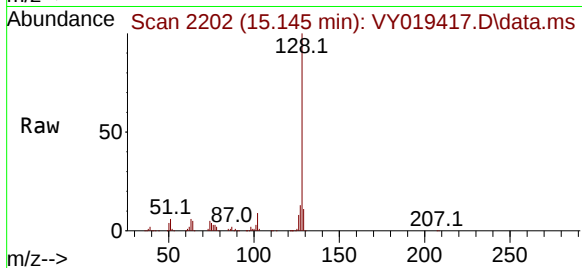
Tgt Ion:128 Resp: 135430

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.692 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY019417.D

Acq: 30 Aug 2024 23:37

Tgt Ion:180 Resp: 61470

Ion Ratio Lower Upper

180 100

182 93.4 47.6 142.9

145 32.0 15.4 46.1

