

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019390.D
 Acq On : 30 Aug 2024 12:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 30 16:19:10 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	124033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	197039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	170526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	71298	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	63019	53.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.280%	
35) Dibromofluoromethane	7.628	113	62691	50.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.640%	
50) Toluene-d8	10.103	98	226218	49.330	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	12.408	95	66240	44.659	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	43165	42.710	ug/l	95
3) Chloromethane	2.062	50	78360	47.658	ug/l	96
4) Vinyl Chloride	2.202	62	88165	46.734	ug/l	99
5) Bromomethane	2.592	94	61705	51.045	ug/l	98
6) Chloroethane	2.732	64	48937	42.592	ug/l	96
7) Trichlorofluoromethane	3.049	101	113186	50.686	ug/l	93
8) Diethyl Ether	3.452	74	29578	56.081	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.812	101	60169	47.462	ug/l	96
10) Methyl Iodide	3.994	142	65956	53.374	ug/l	94
11) Tert butyl alcohol	4.872	59	18480	279.103	ug/l #	88
12) 1,1-Dichloroethene	3.781	96	56066	48.494	ug/l	90
13) Acrolein	3.647	56	20281	262.651	ug/l	100
14) Allyl chloride	4.379	41	82331	51.579	ug/l	91
15) Acrylonitrile	5.049	53	65000	301.677	ug/l	97
16) Acetone	3.866	43	64249	278.047	ug/l #	85
17) Carbon Disulfide	4.098	76	164190	49.192	ug/l #	94
18) Methyl Acetate	4.379	43	28568	56.002	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	149147	56.584	ug/l	99
20) Methylene Chloride	4.610	84	66526	52.161	ug/l	92
21) trans-1,2-Dichloroethene	5.110	96	64263	48.802	ug/l	98
22) Diisopropyl ether	6.006	45	188935	52.611	ug/l	94
23) Vinyl Acetate	5.951	43	561596	280.969	ug/l	97
24) 1,1-Dichloroethane	5.909	63	111020	51.156	ug/l	99
25) 2-Butanone	6.890	43	90442	292.615	ug/l #	85
26) 2,2-Dichloropropane	6.872	77	92161	48.755	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	75721	50.220	ug/l	96
28) Bromochloromethane	7.238	49	47683	53.477	ug/l	94
29) Tetrahydrofuran	7.256	42	54534	293.649	ug/l	91
30) Chloroform	7.415	83	124285	51.158	ug/l	95
31) Cyclohexane	7.695	56	92863	46.482	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	112678	49.976	ug/l	98
36) 1,1-Dichloropropene	7.829	75	84536	48.019	ug/l	99
37) Ethyl Acetate	6.970	43	39240	56.310	ug/l	98
38) Carbon Tetrachloride	7.811	117	103163	48.080	ug/l	100
39) Methylcyclohexane	9.103	83	111922	49.577	ug/l	93
40) Benzene	8.073	78	261864	48.877	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	21257	50.583	ug/l	91
42) 1,2-Dichloroethane	8.152	62	74073	52.097	ug/l	97
43) Isopropyl Acetate	8.195	43	78551	57.760	ug/l #	82
44) Trichloroethene	8.859	130	71734	48.749	ug/l	97
45) 1,2-Dichloropropane	9.140	63	58493	50.374	ug/l	99
46) Dibromomethane	9.231	93	36585	52.377	ug/l	99
47) Bromodichloromethane	9.420	83	97193	52.688	ug/l	98
48) Methyl methacrylate	9.219	41	37757	58.724	ug/l	86
49) 1,4-Dioxane	9.225	88	7887	1030.648	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	208003	292.084	ug/l	91
52) Toluene	10.170	92	174730	49.747	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	81443	53.454	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	96375	53.420	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	49254	55.280	ug/l	97
56) Ethyl methacrylate	10.438	69	64953	56.116	ug/l #	78
57) 1,3-Dichloropropane	10.713	76	78586	53.991	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	152016	292.949	ug/l	97
59) 2-Hexanone	10.762	43	145816	308.774	ug/l	88
60) Dibromochloromethane	10.914	129	65956	54.296	ug/l	99
61) 1,2-Dibromoethane	11.011	107	46372	56.493	ug/l	99
64) Tetrachloroethene	10.646	164	76988	46.224	ug/l	99
65) Chlorobenzene	11.444	112	187925	49.257	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	68073	51.456	ug/l	96
67) Ethyl Benzene	11.517	91	337389	50.582	ug/l	97
68) m/p-Xylenes	11.627	106	287192	108.821	ug/l	99
69) o-Xylene	11.956	106	128260	52.177	ug/l	99
70) Styrene	11.969	104	220200	54.744	ug/l	98
71) Bromoform	12.133	173	39370	55.988	ug/l #	97
73) Isopropylbenzene	12.255	105	266906	46.948	ug/l	99
74) N-amyl acetate	12.072	43	76048	69.565	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	45274	53.583	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	32756m	52.314	ug/l	
77) Bromobenzene	12.529	156	61635	46.014	ug/l	96
78) n-propylbenzene	12.597	91	316705	46.106	ug/l	99
79) 2-Chlorotoluene	12.682	91	173341	45.296	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	218089	48.688	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14219	56.184	ug/l	94
82) 4-Chlorotoluene	12.779	91	185862	48.010	ug/l	98
83) tert-Butylbenzene	12.999	119	208573	50.912	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	229120	53.278	ug/l	99
85) sec-Butylbenzene	13.176	105	285415	47.537	ug/l	98
86) p-Isopropyltoluene	13.292	119	243567	49.801	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	123444	50.097	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	123773	50.342	ug/l	99
89) n-Butylbenzene	13.621	91	219671	48.884	ug/l	99
90) Hexachloroethane	13.883	117	50575	51.011	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	111979	51.488	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6337	53.685	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	59687	53.413	ug/l	98
94) Hexachlorobutadiene	15.023	225	32663	39.083	ug/l	99
95) Naphthalene	15.145	128	106192	58.037	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	53518	55.976	ug/l	97

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Response via : Initial Calibration

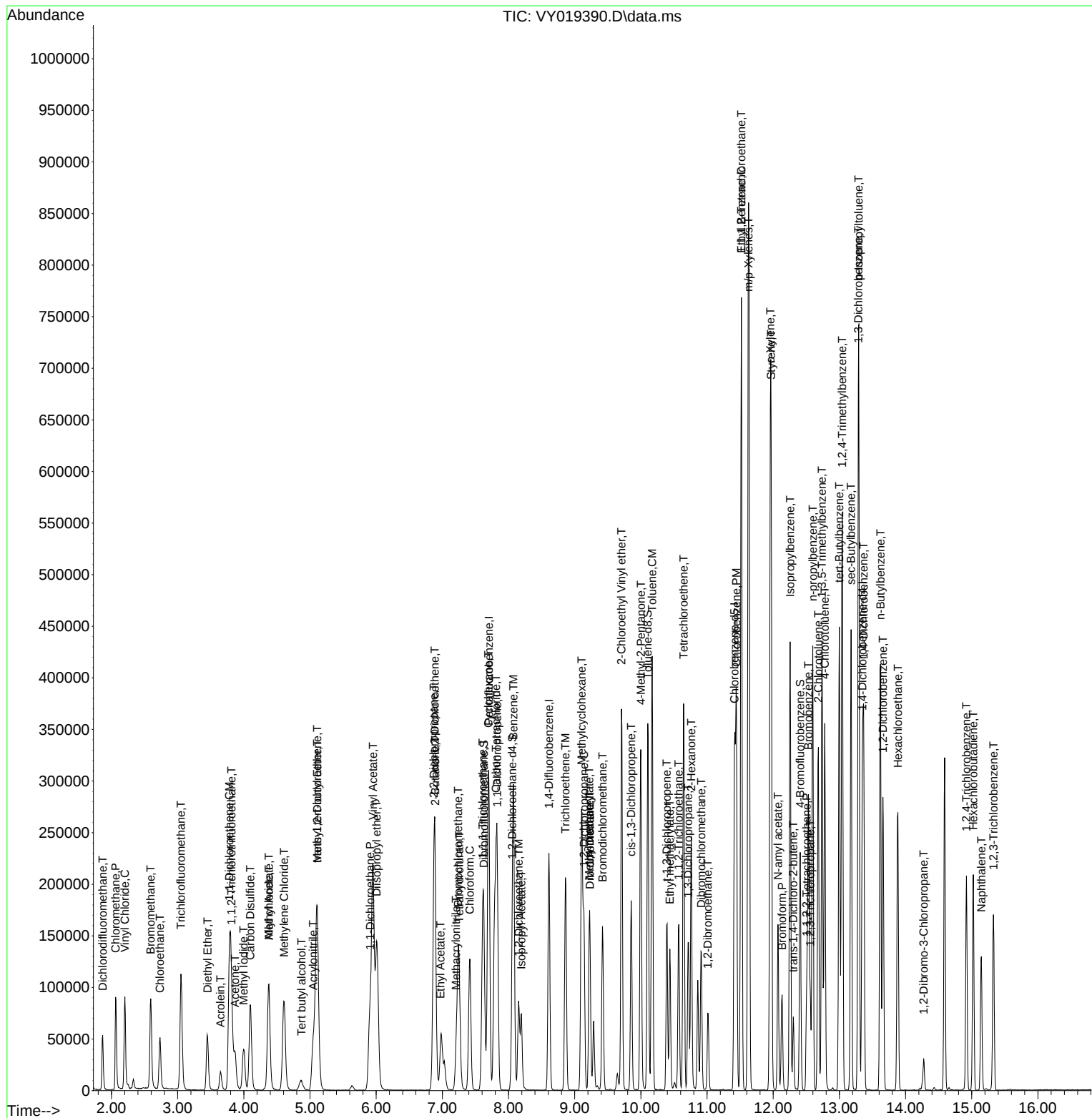
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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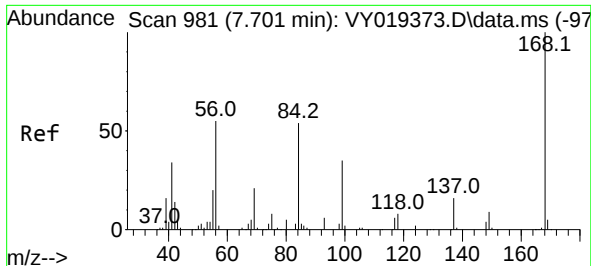
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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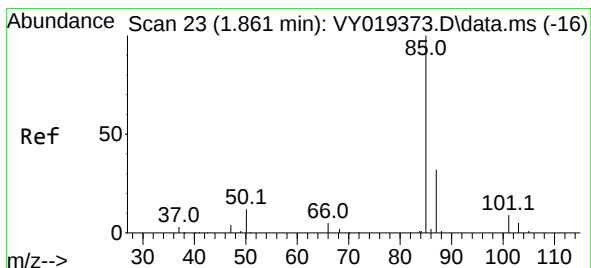
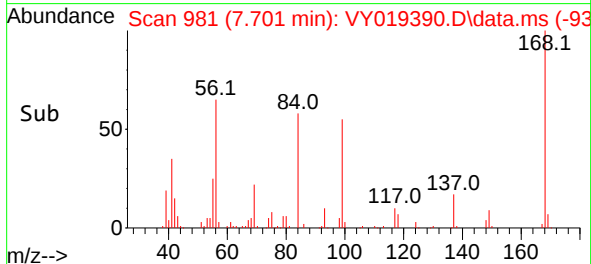
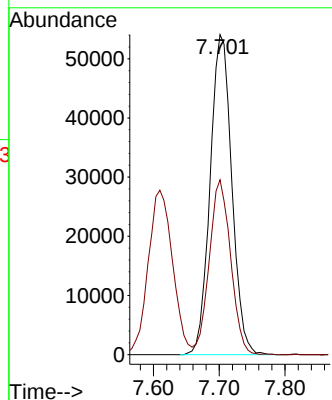
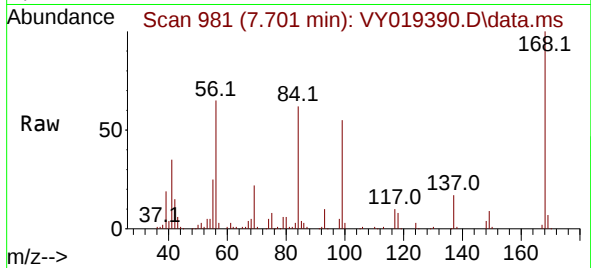




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019390.D
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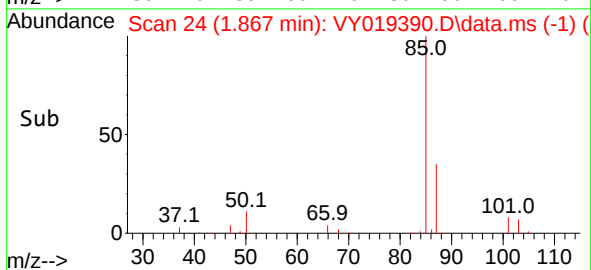
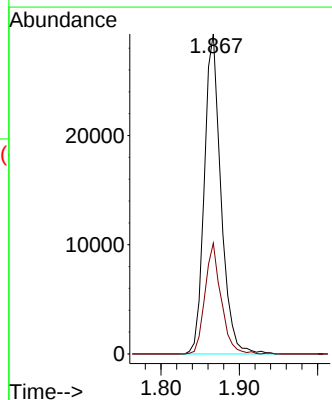
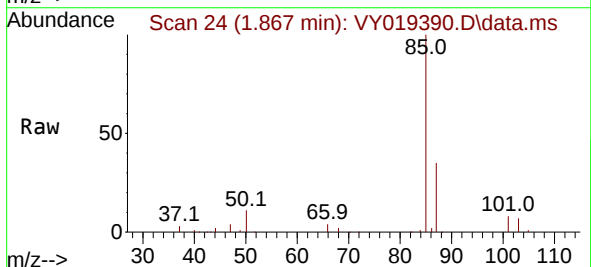
Instrument :
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ClientSampleId :
VSTDCCC050

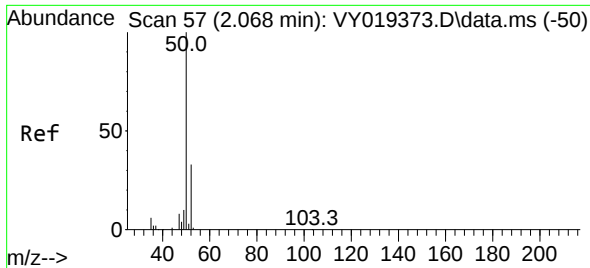
Tgt Ion:168 Resp: 124033
Ion Ratio Lower Upper
168 100
99 54.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 42.710 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 85 Resp: 43165
Ion Ratio Lower Upper
85 100
87 34.7 16.0 48.0

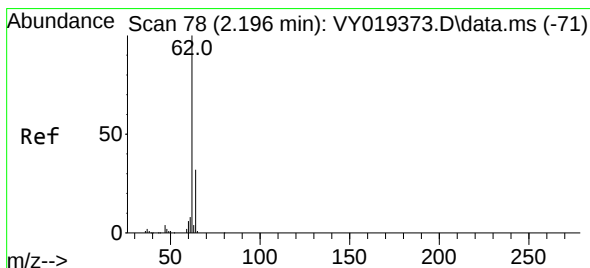
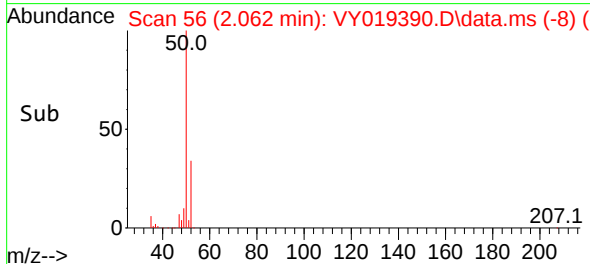
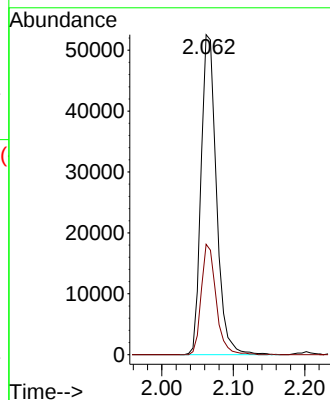
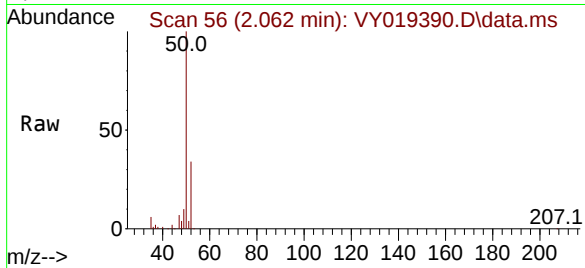




#3
Chloromethane
Concen: 47.658 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

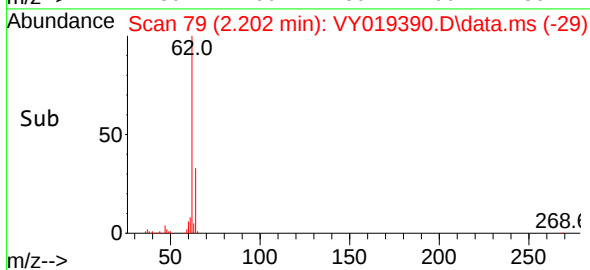
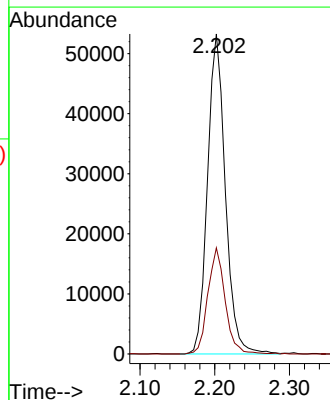
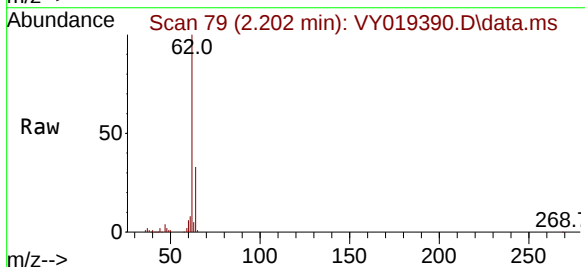
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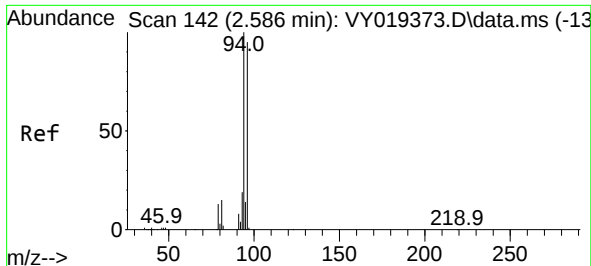
Tgt Ion: 50 Resp: 78360
Ion Ratio Lower Upper
50 100
52 34.5 25.6 38.4



#4
Vinyl Chloride
Concen: 46.734 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 62 Resp: 88165
Ion Ratio Lower Upper
62 100
64 33.2 26.1 39.1

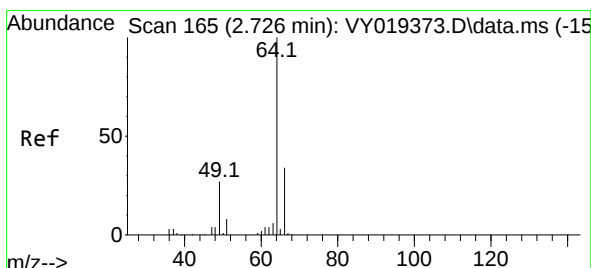
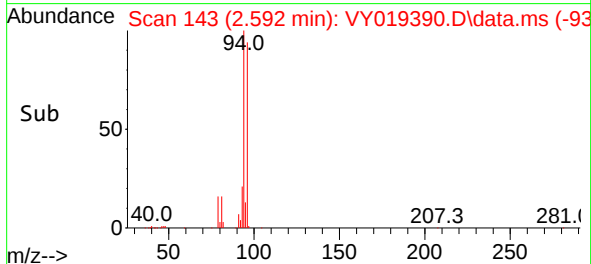
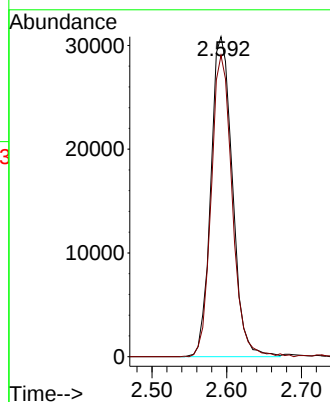
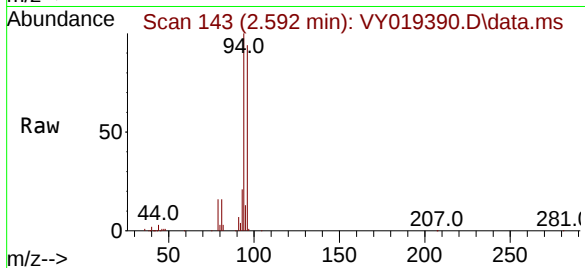




#5
Bromomethane
Concen: 51.045 ug/l
RT: 2.592 min Scan# 142
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

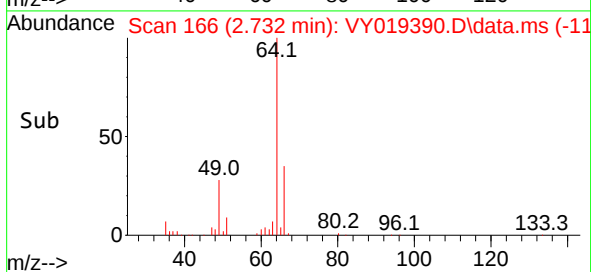
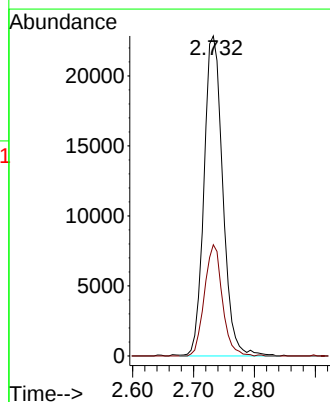
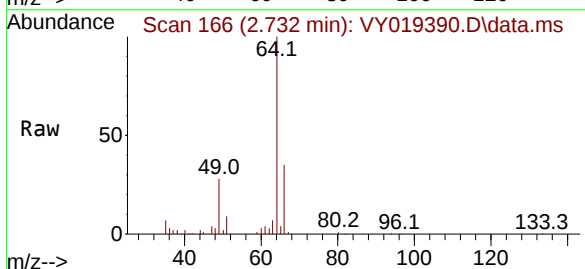
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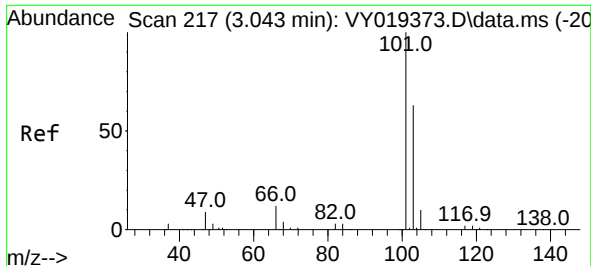
Tgt Ion: 94 Resp: 61705
Ion Ratio Lower Upper
94 100
96 94.2 74.1 111.1



#6
Chloroethane
Concen: 42.592 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 64 Resp: 48937
Ion Ratio Lower Upper
64 100
66 34.7 26.1 39.1

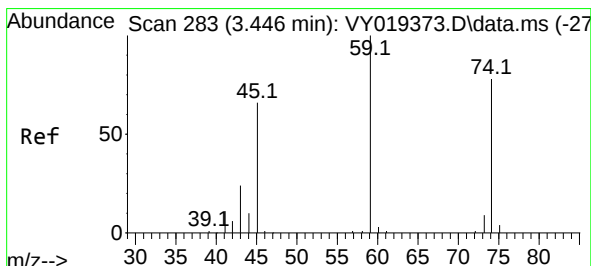
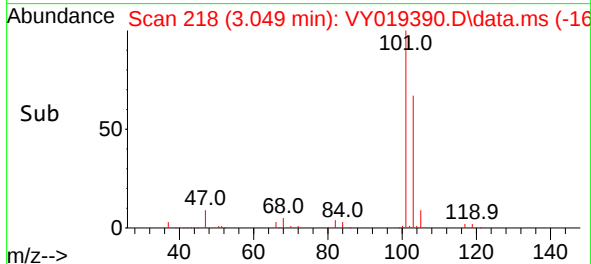
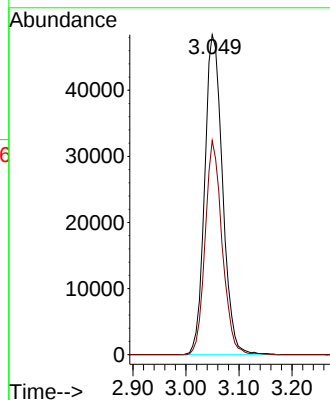
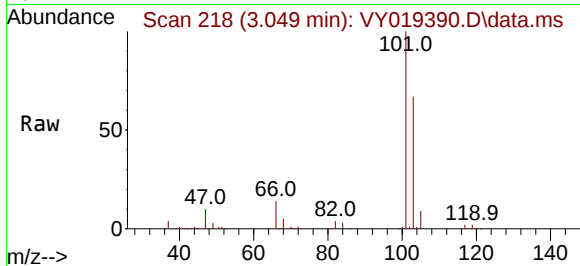




#7
 Trichlorofluoromethane
 Concen: 50.686 ug/l
 RT: 3.049 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019390.D
 Acq: 30 Aug 2024 12:45

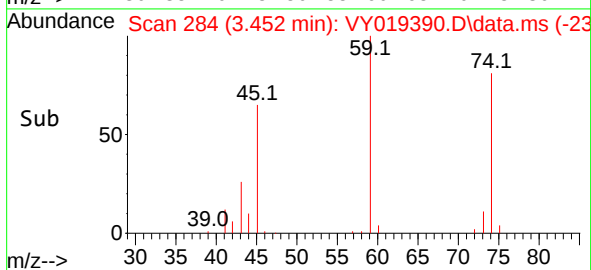
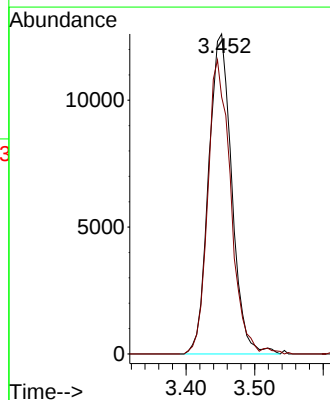
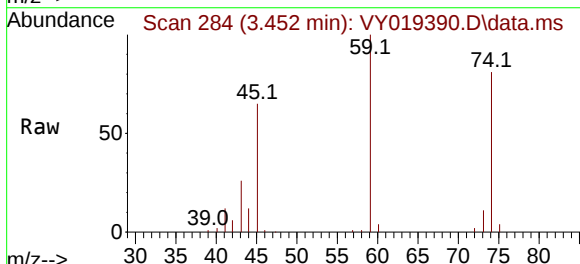
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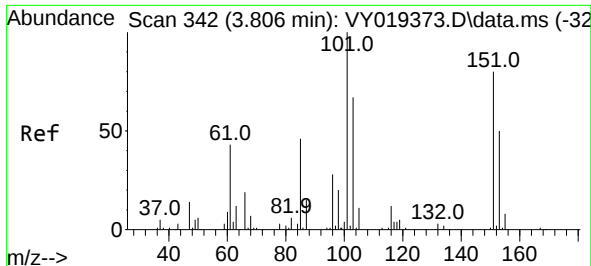
Tgt Ion:101 Resp: 113186
 Ion Ratio Lower Upper
 101 100
 103 66.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 56.081 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY019390.D
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Tgt Ion: 74 Resp: 29578
 Ion Ratio Lower Upper
 74 100
 45 90.7 41.3 124.1

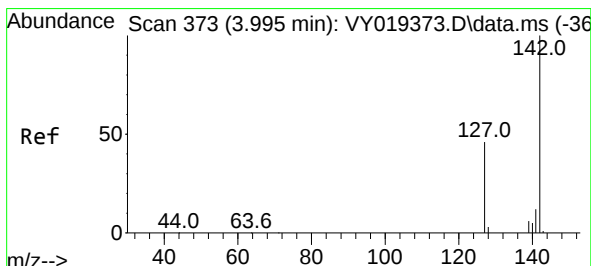
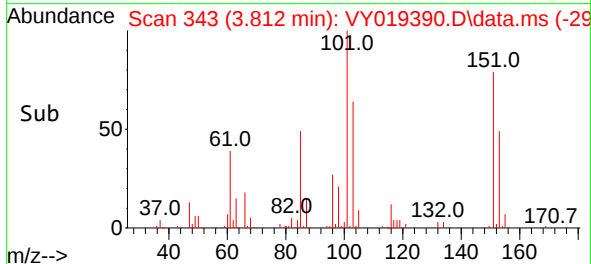
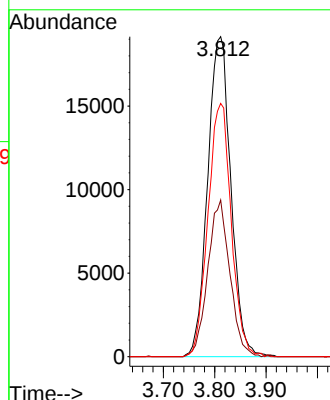
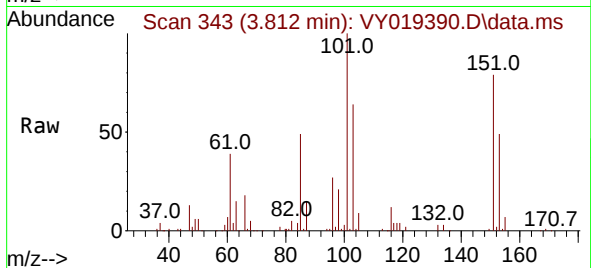




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.462 ug/l
RT: 3.812 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

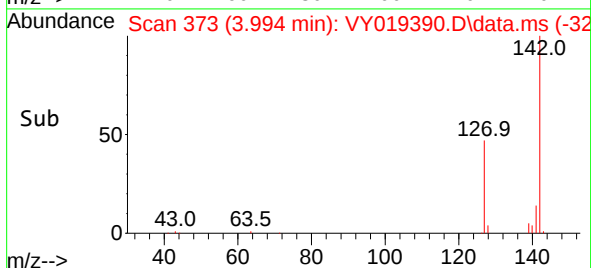
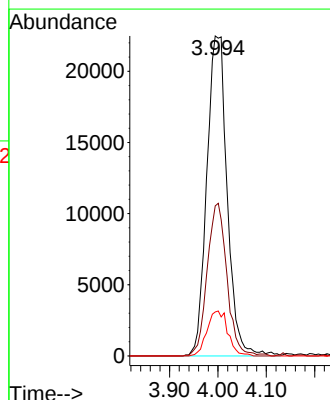
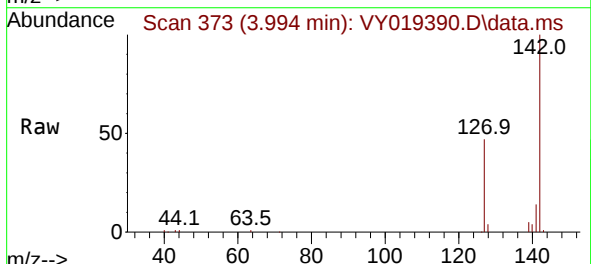
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

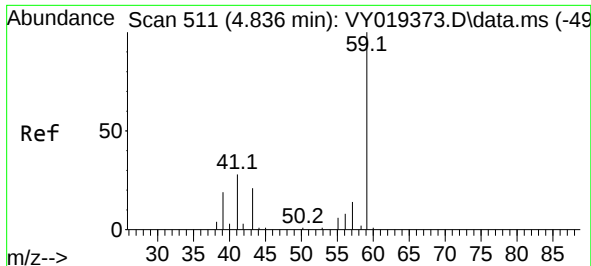
Tgt Ion:101 Resp: 60169
Ion Ratio Lower Upper
101 100
85 46.5 34.5 51.7
151 79.4 61.7 92.5



#10
Methyl Iodide
Concen: 53.374 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion:142 Resp: 65956
Ion Ratio Lower Upper
142 100
127 46.1 32.8 49.2
141 14.3 11.4 17.2

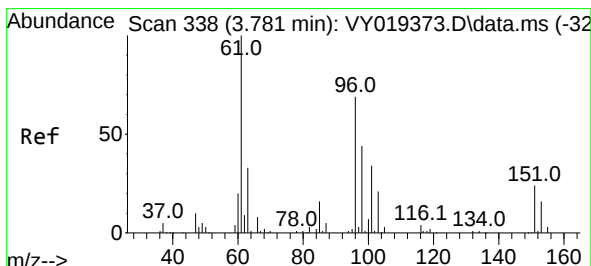
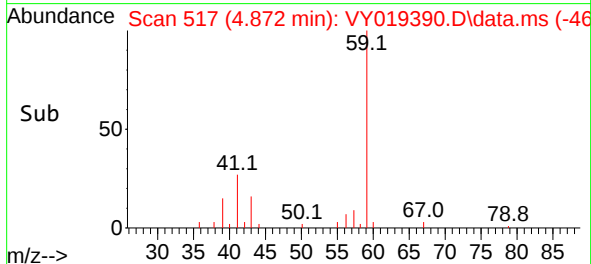
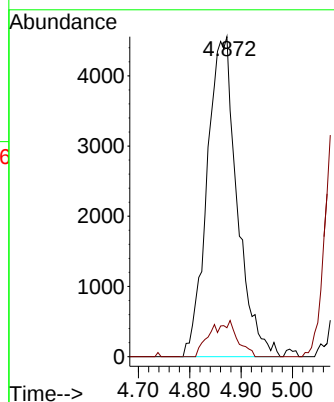
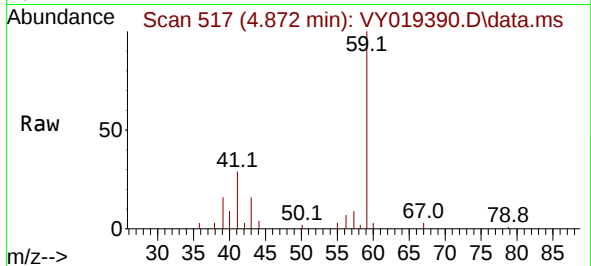




#11
Tert butyl alcohol
Concen: 279.103 ug/l
RT: 4.872 min Scan# 511
Delta R.T. 0.036 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

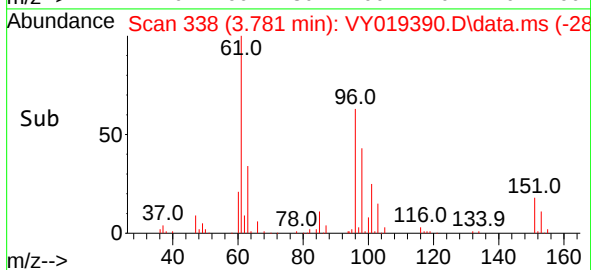
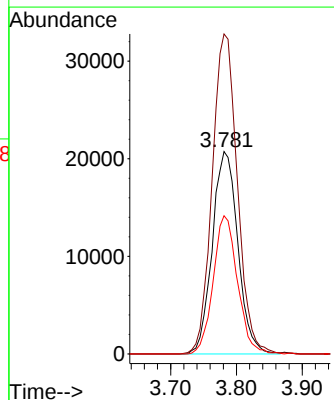
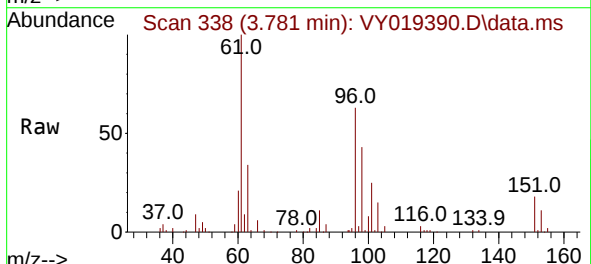
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

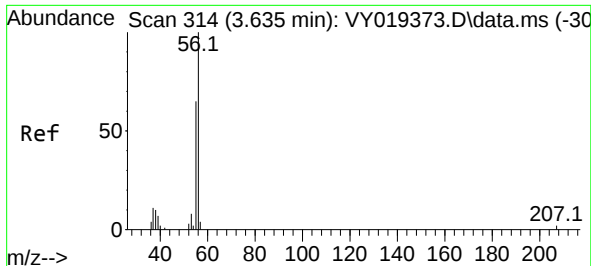
Tgt Ion: 59 Resp: 18480
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.494 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 96 Resp: 56066
Ion Ratio Lower Upper
96 100
61 158.1 114.6 171.8
98 68.4 50.8 76.2





#13

Acrolein

Concen: 262.651 ug/l

RT: 3.647 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

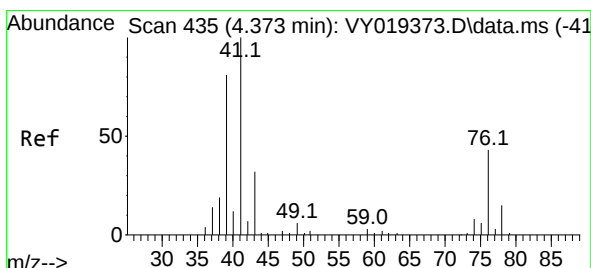
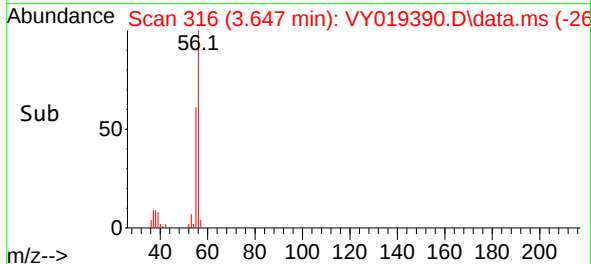
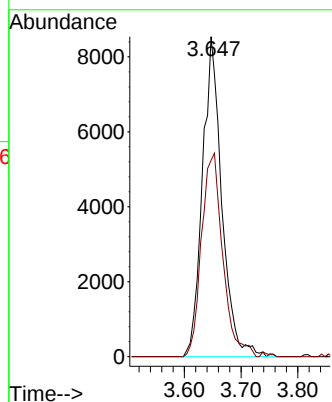
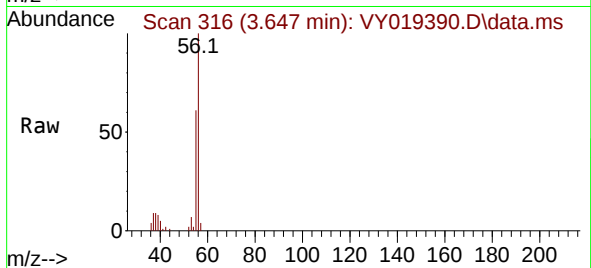
VSTDCCC050

Tgt Ion: 56 Resp: 20281

Ion Ratio Lower Upper

56 100

55 69.6 55.7 83.5



#14

Allyl chloride

Concen: 51.579 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

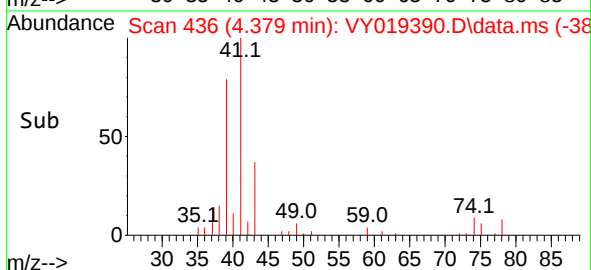
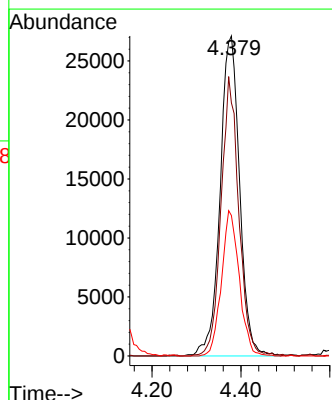
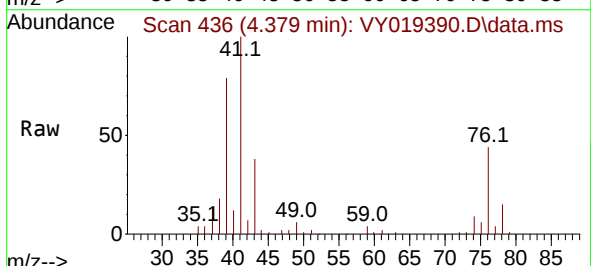
Tgt Ion: 41 Resp: 82331

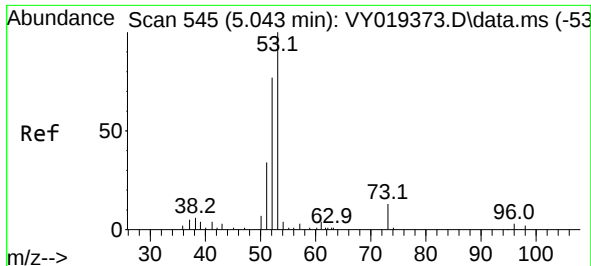
Ion Ratio Lower Upper

41 100

39 79.3 58.3 87.5

76 41.4 39.0 58.6

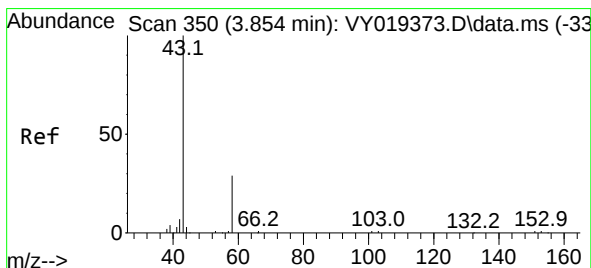
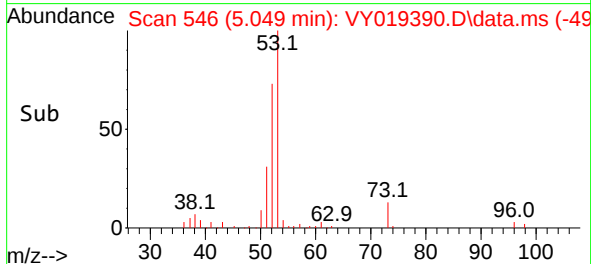
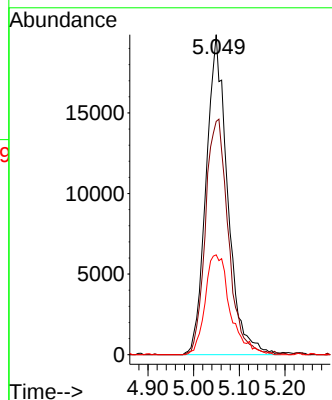
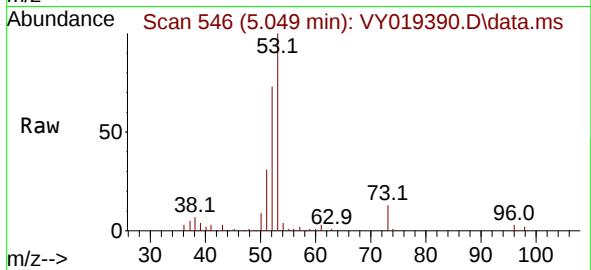




#15
Acrylonitrile
Concen: 301.677 ug/l
RT: 5.049 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

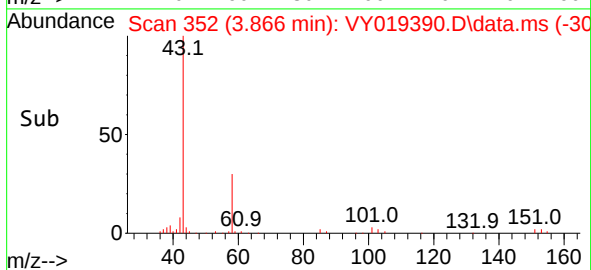
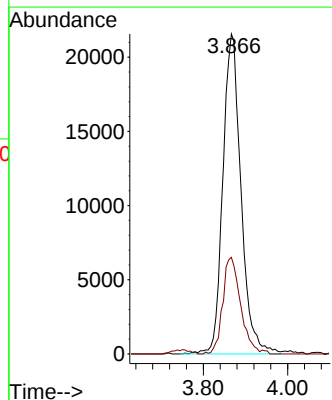
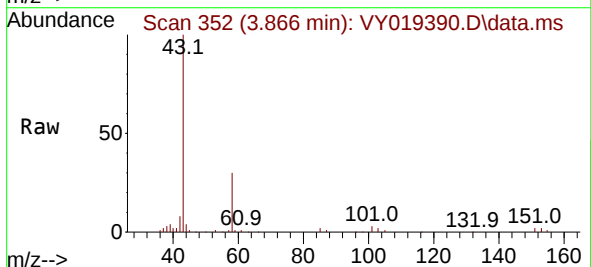
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

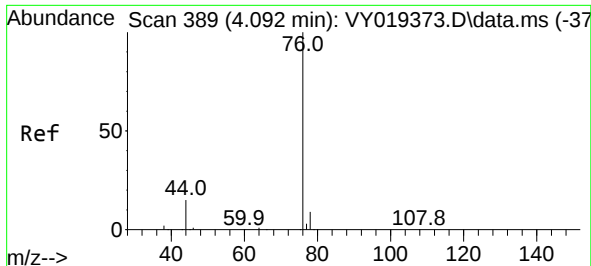
Tgt Ion: 53	Resp: 65000
Ion Ratio	Lower Upper
53	100
52	77.9 64.7 97.1
51	36.3 28.4 42.6



#16
Acetone
Concen: 278.047 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 43	Resp: 64249
Ion Ratio	Lower Upper
43	100
58	30.2 31.7 47.5#

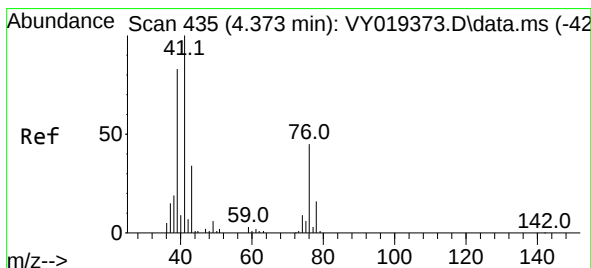
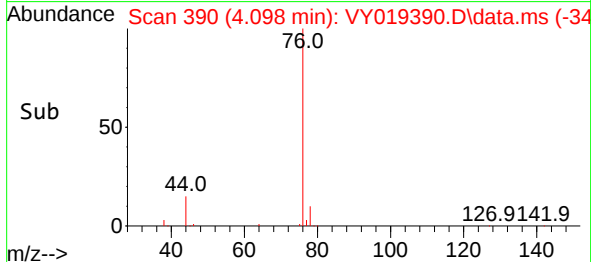
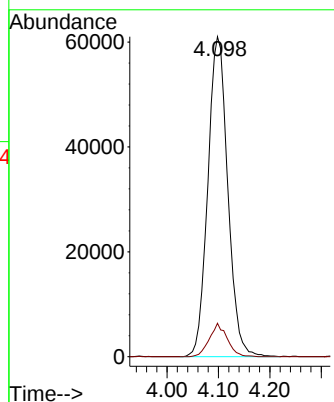
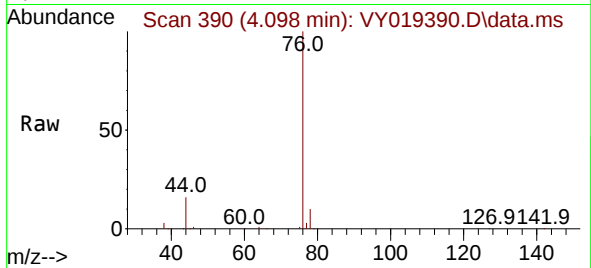




#17
Carbon Disulfide
Concen: 49.192 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

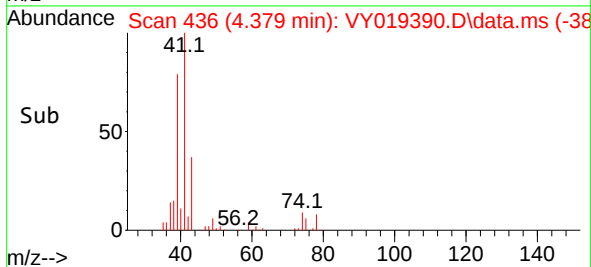
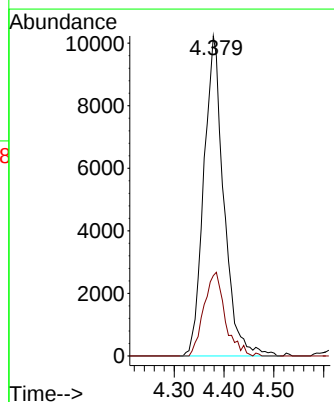
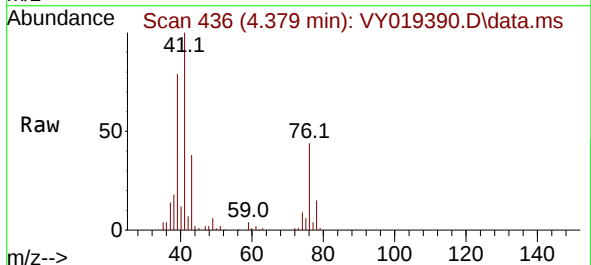
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

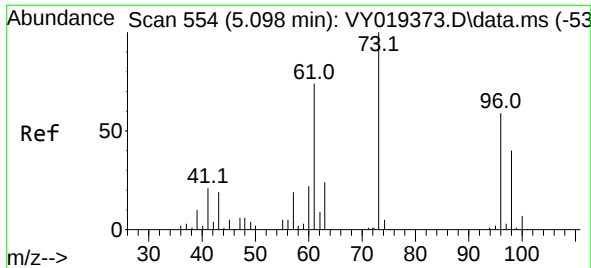
Tgt Ion: 76 Resp: 164190
Ion Ratio Lower Upper
76 100
78 10.5 6.8 10.2#



#18
Methyl Acetate
Concen: 56.002 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 43 Resp: 28568
Ion Ratio Lower Upper
43 100
74 27.6 23.3 34.9

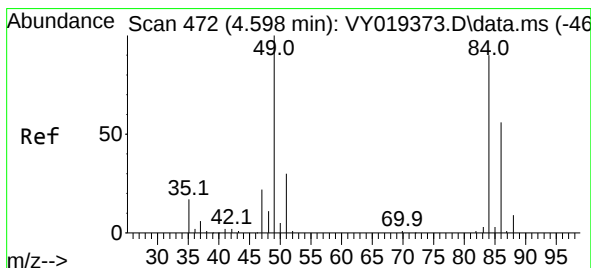
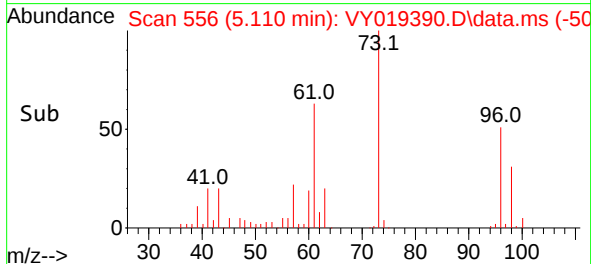
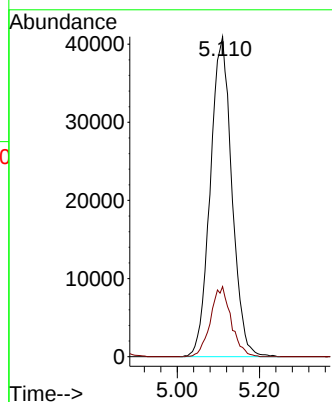
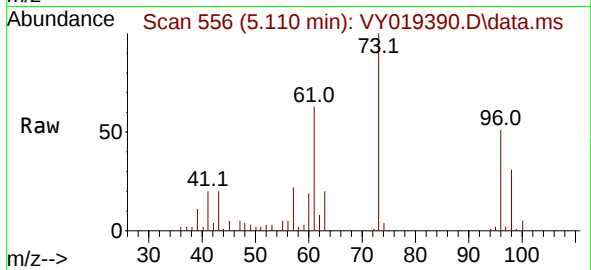




#19
Methyl tert-butyl Ether
Concen: 56.584 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

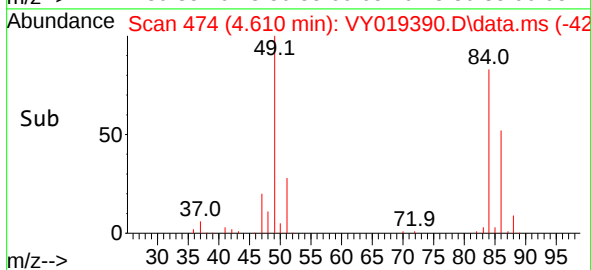
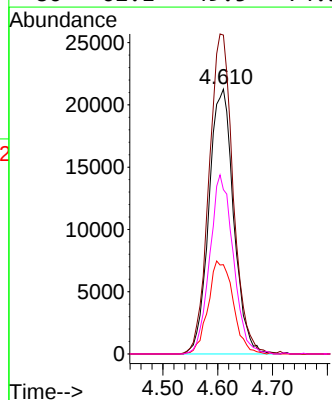
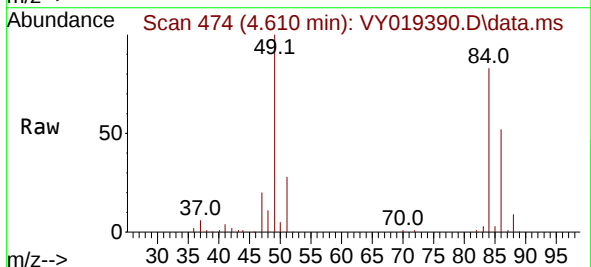
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

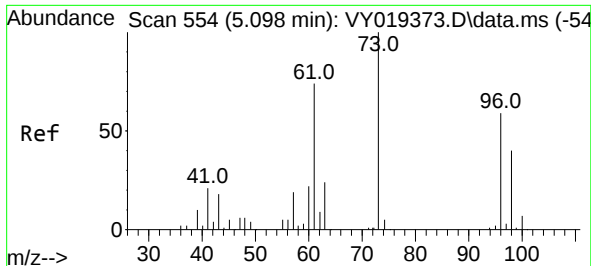
Tgt Ion: 73 Resp: 149147
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 52.161 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 84 Resp: 66526
Ion Ratio Lower Upper
84 100
49 120.4 84.4 126.6
51 33.7 26.0 39.0
86 62.1 49.5 74.3

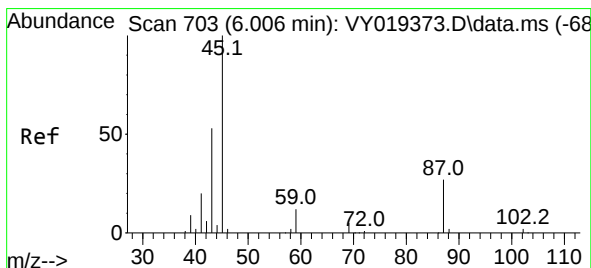
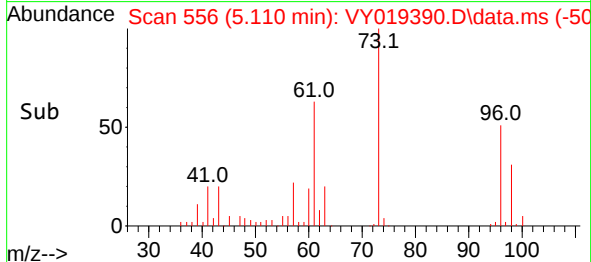
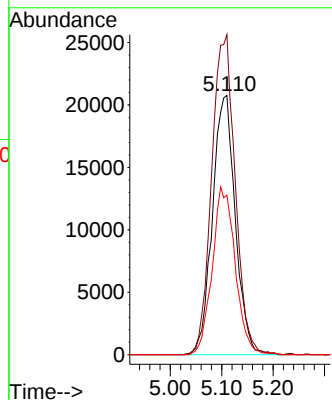
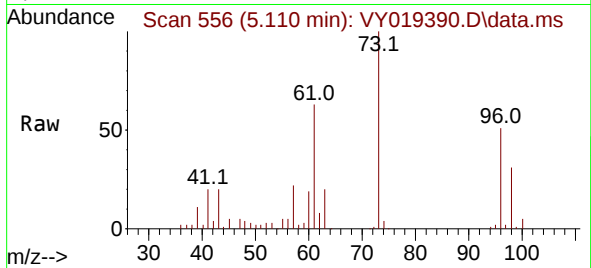




#21
trans-1,2-Dichloroethene
Concen: 48.802 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

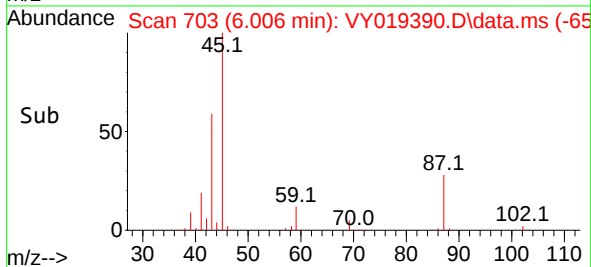
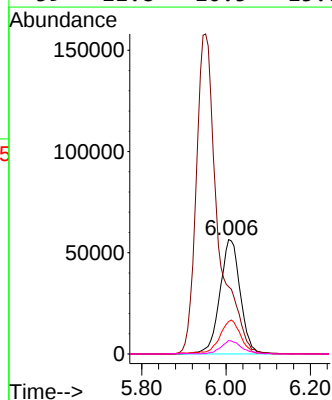
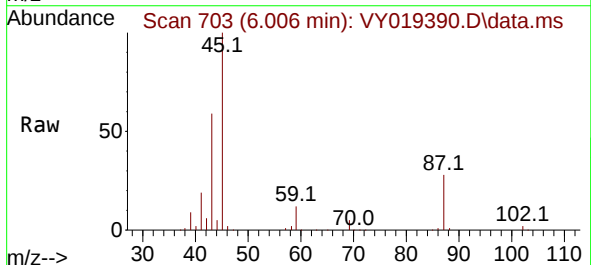
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

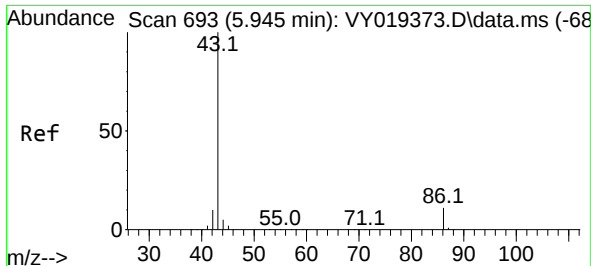
Tgt Ion: 96 Resp: 64263
Ion Ratio Lower Upper
96 100
61 123.5 97.5 146.3
98 61.5 50.5 75.7



#22
Diisopropyl ether
Concen: 52.611 ug/l
RT: 6.006 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 45 Resp: 188935
Ion Ratio Lower Upper
45 100
43 58.4 42.2 63.2
87 28.4 25.0 37.6
59 11.8 10.5 15.7

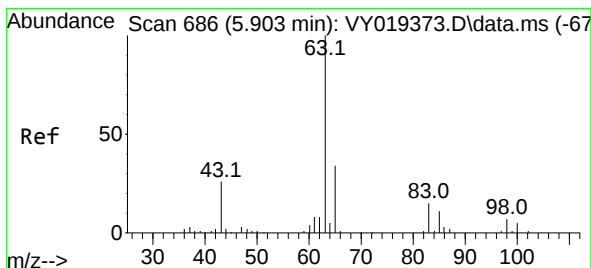
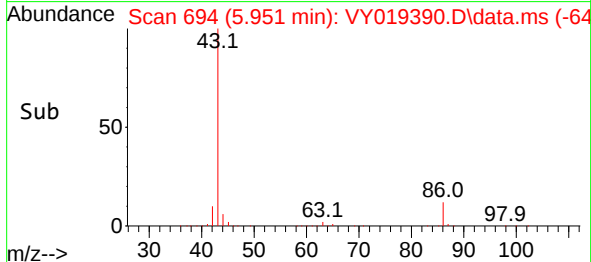
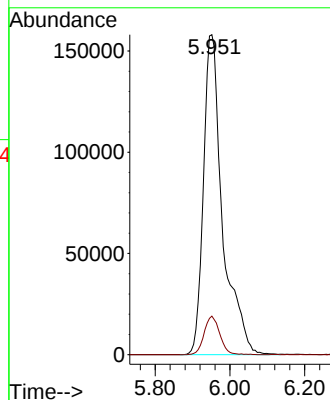
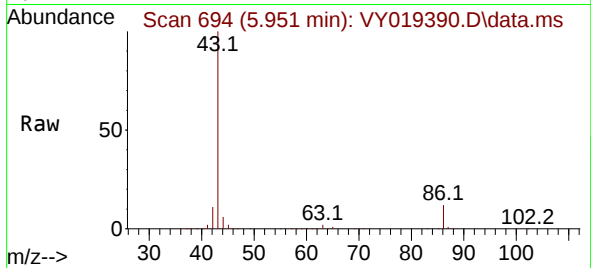




#23
 Vinyl Acetate
 Concen: 280.969 ug/l
 RT: 5.951 min Scan# 64
 Delta R.T. 0.006 min
 Lab File: VY019390.D
 Acq: 30 Aug 2024 12:45

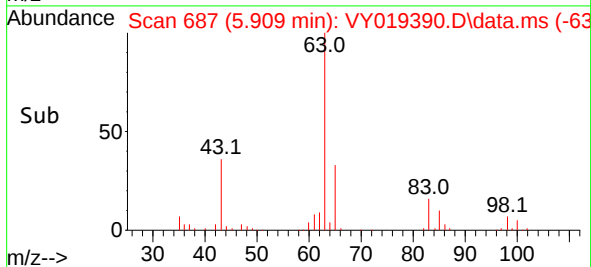
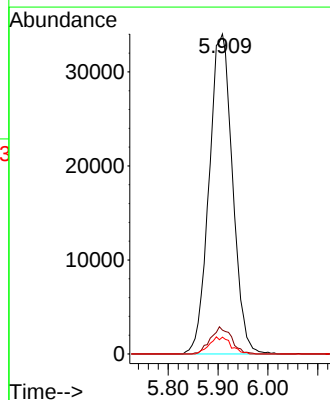
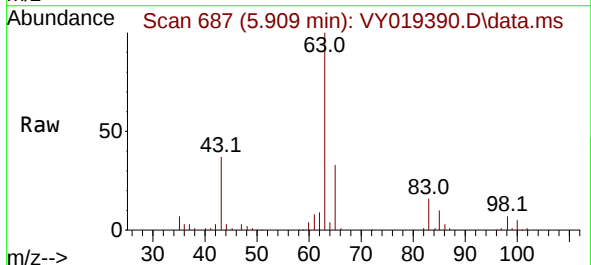
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

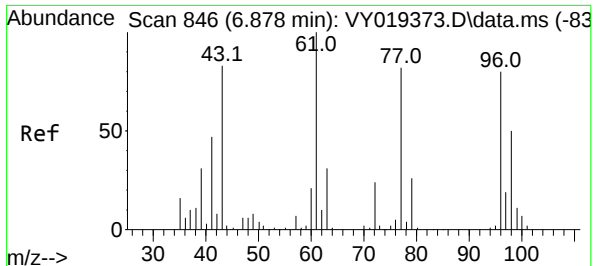
Tgt Ion: 43 Resp: 561596
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 51.156 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019390.D
 Acq: 30 Aug 2024 12:45

Tgt Ion: 63 Resp: 111020
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 5.3 2.6 8.0





#25

2-Butanone

Concen: 292.615 ug/l

RT: 6.890 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

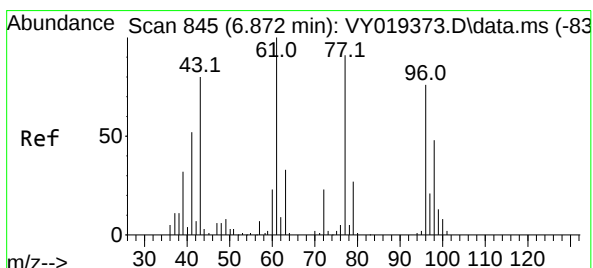
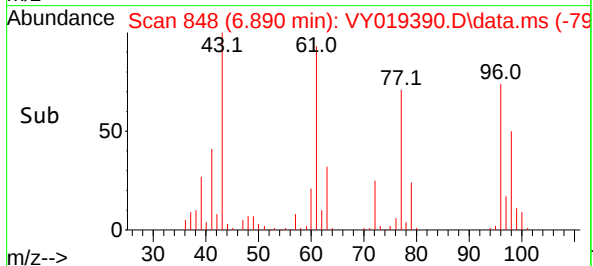
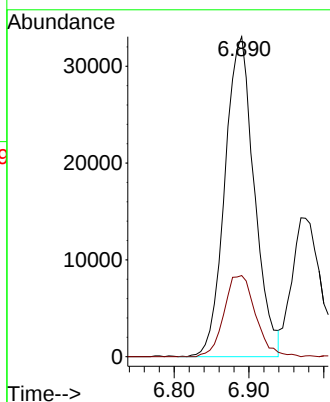
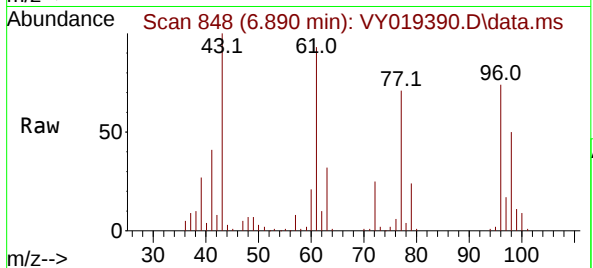
VSTDCCC050

Tgt Ion: 43 Resp: 90442

Ion Ratio Lower Upper

43 100

72 25.4 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 48.755 ug/l

RT: 6.872 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY019390.D

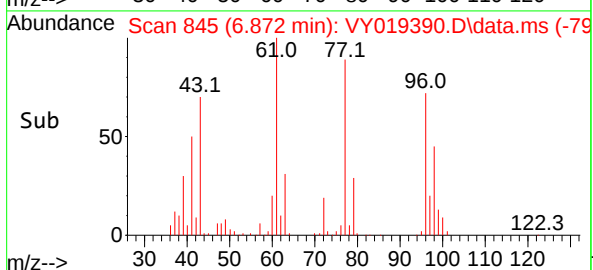
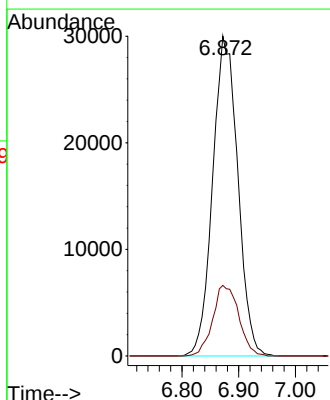
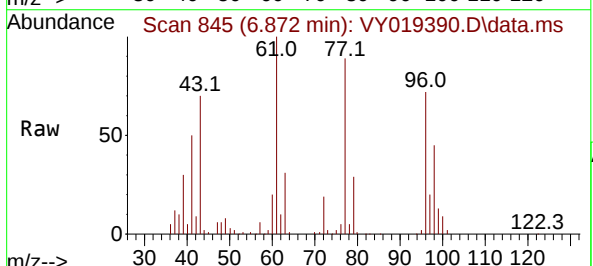
Acq: 30 Aug 2024 12:45

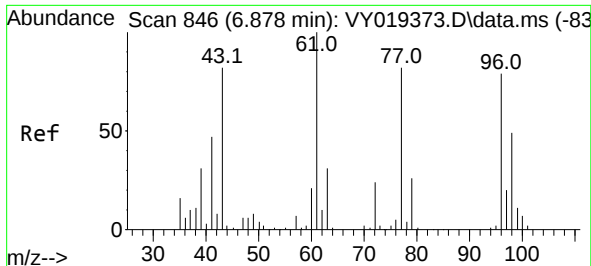
Tgt Ion: 77 Resp: 92161

Ion Ratio Lower Upper

77 100

97 22.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.220 ug/l

RT: 6.884 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

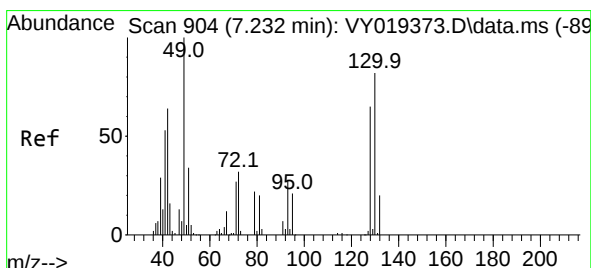
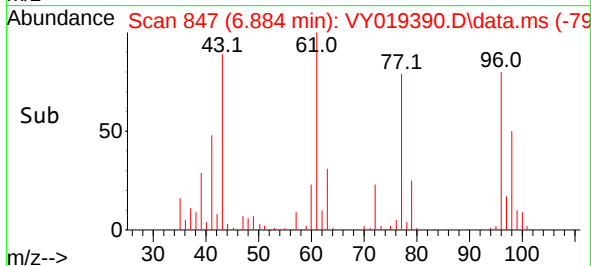
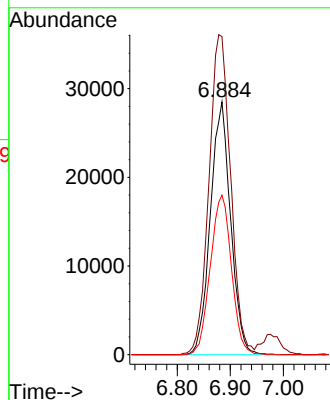
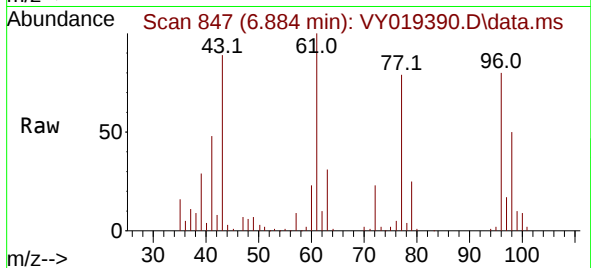
Tgt Ion: 96 Resp: 75721

Ion Ratio Lower Upper

96 100

61 135.3 0.0 256.2

98 65.7 0.0 130.0



#28

Bromochloromethane

Concen: 53.477 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

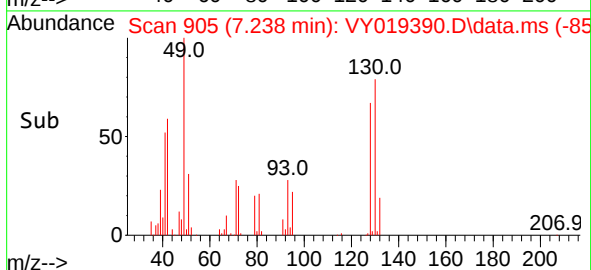
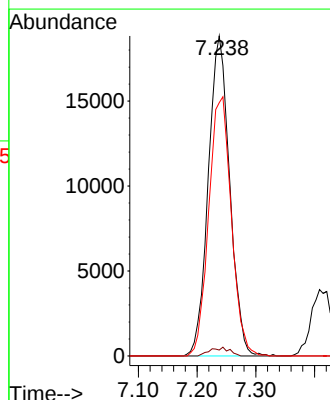
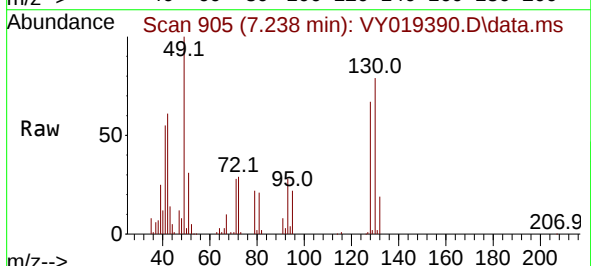
Tgt Ion: 49 Resp: 47683

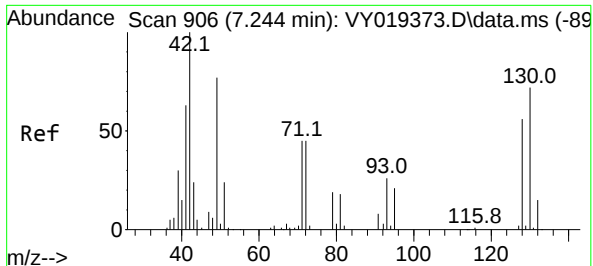
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.6

130 85.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 293.649 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

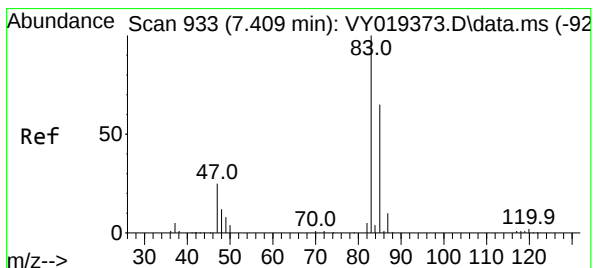
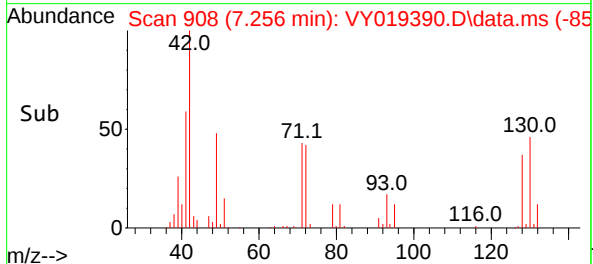
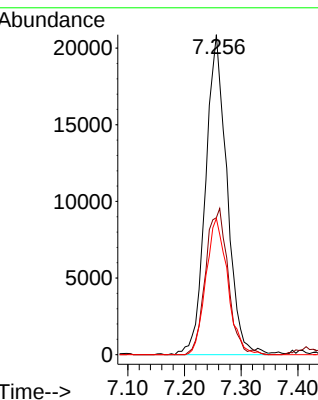
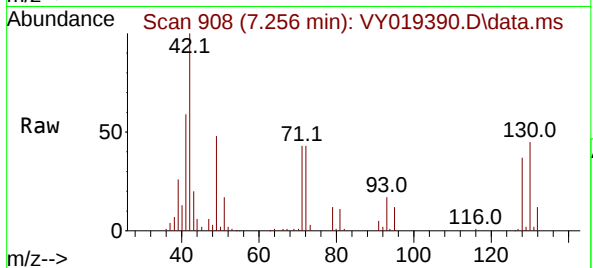
Tgt Ion: 42 Resp: 54534

Ion Ratio Lower Upper

42 100

72 48.1 43.0 64.4

71 43.4 40.8 61.2



#30

Chloroform

Concen: 51.158 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019390.D

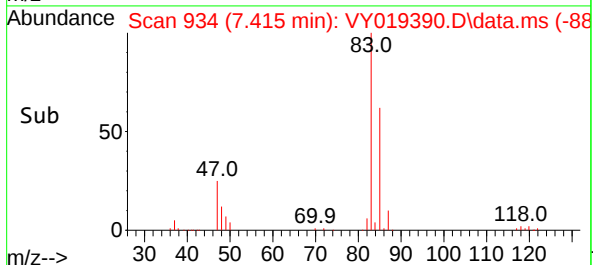
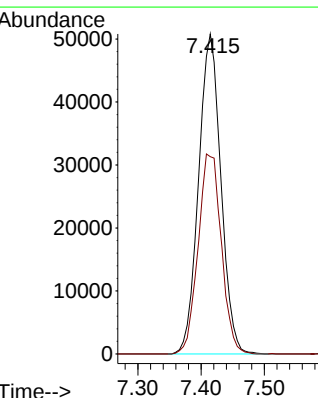
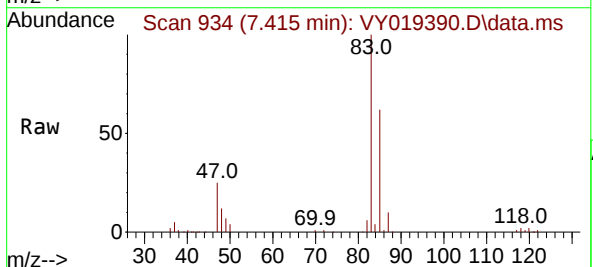
Acq: 30 Aug 2024 12:45

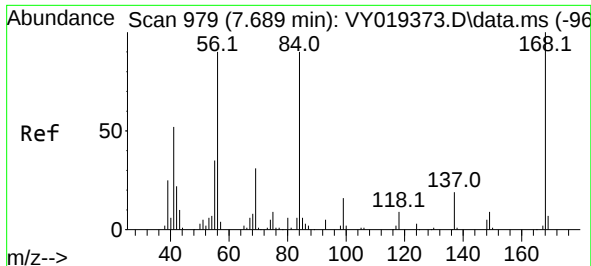
Tgt Ion: 83 Resp: 124285

Ion Ratio Lower Upper

83 100

85 61.7 52.2 78.4

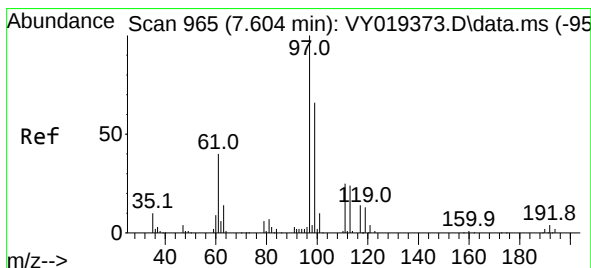
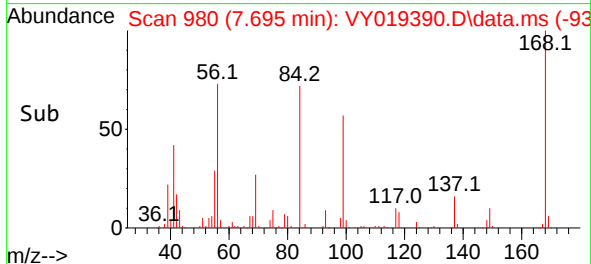
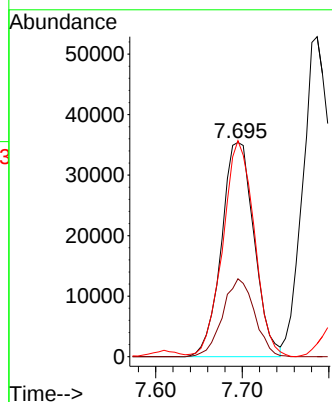
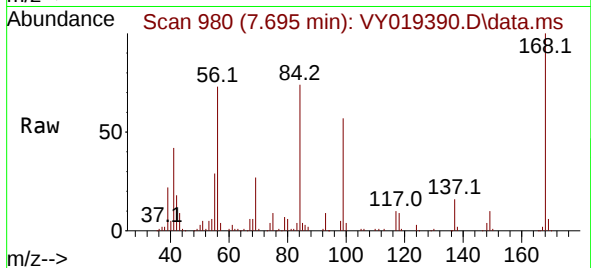




#31
Cyclohexane
Concen: 46.482 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

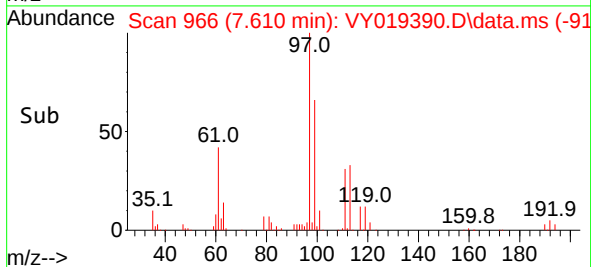
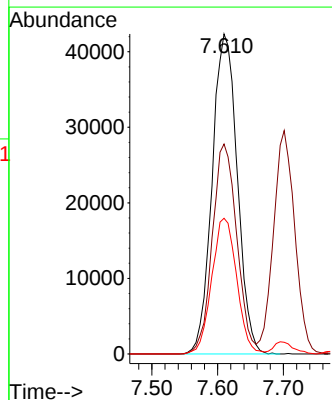
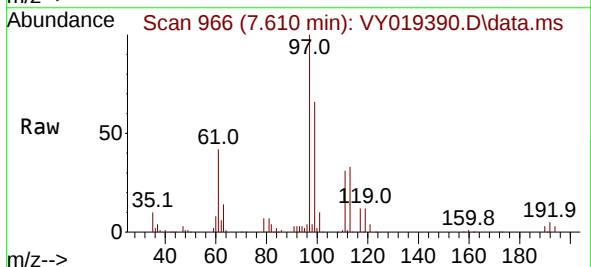
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

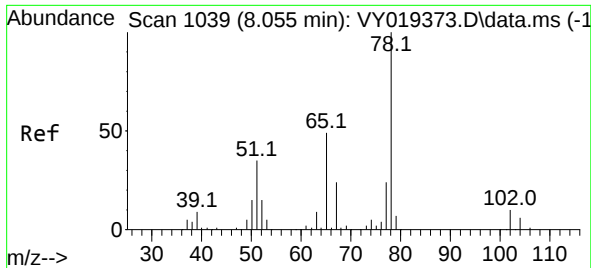
Tgt Ion: 56 Resp: 92863
Ion Ratio Lower Upper
56 100
69 36.4 28.7 43.1
84 99.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 49.976 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 97 Resp: 112678
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 42.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.642 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

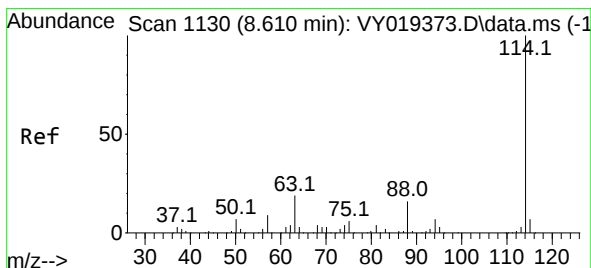
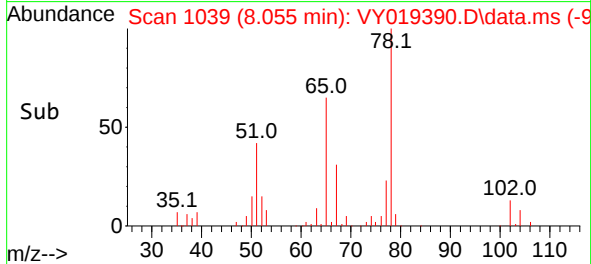
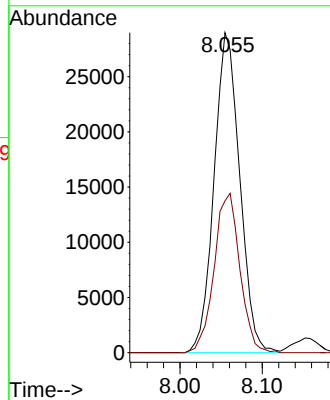
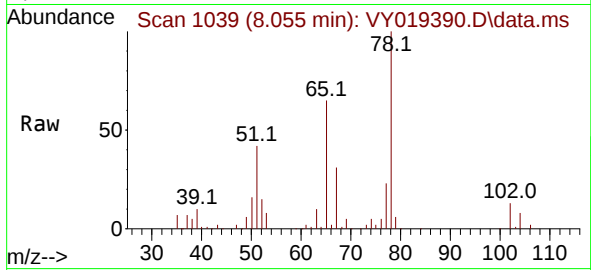
VSTDCCC050

Tgt Ion: 65 Resp: 63019

Ion Ratio Lower Upper

65 100

67 49.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

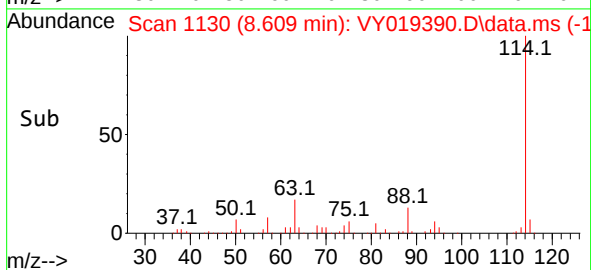
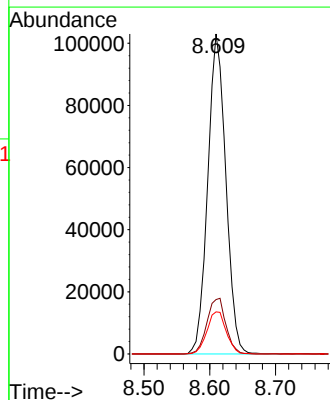
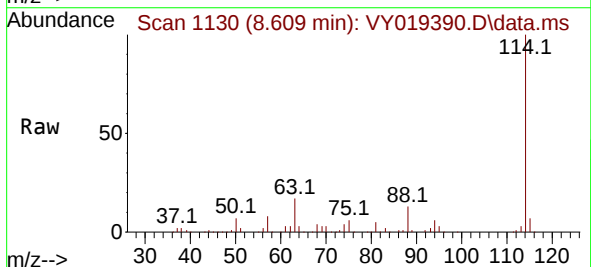
Tgt Ion: 114 Resp: 197039

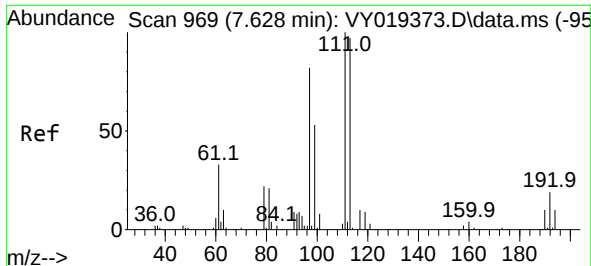
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 13.2 0.0 27.2

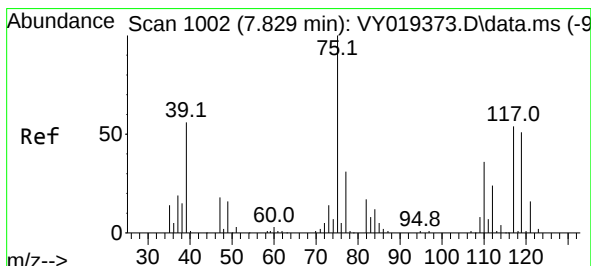
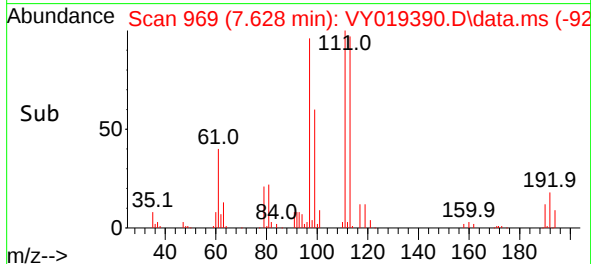
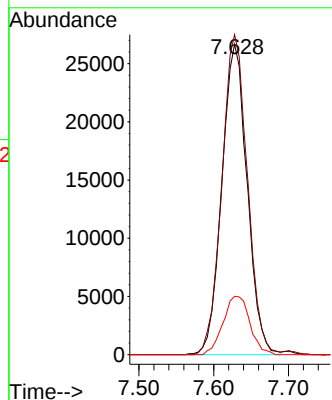
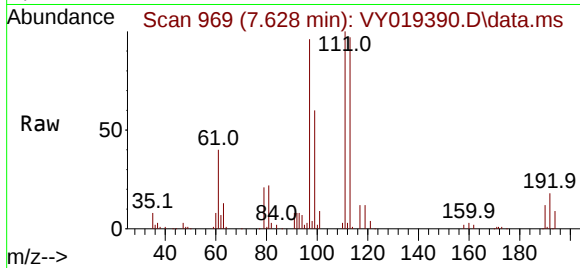




#35
Dibromofluoromethane
Concen: 50.324 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

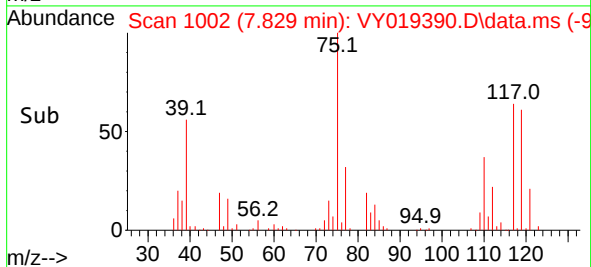
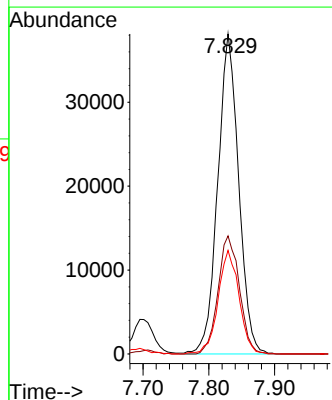
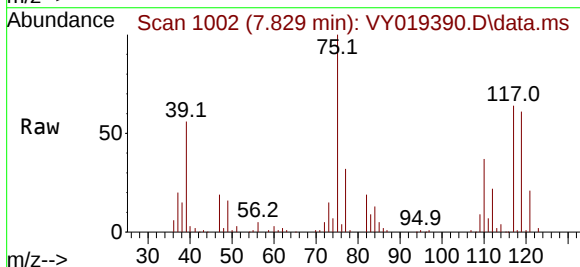
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

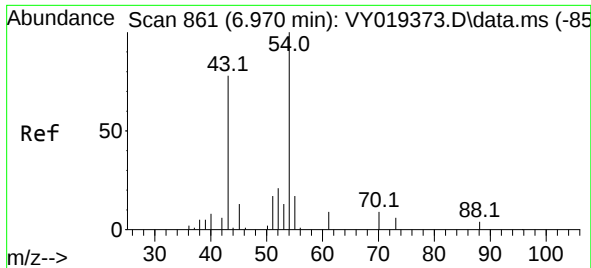
Tgt Ion:	113	Resp:	62691
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.2	123.4
192	19.9	15.9	23.9



#36
1,1-Dichloropropene
Concen: 48.019 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion:	75	Resp:	84536
Ion	Ratio	Lower	Upper
75	100		
110	37.6	19.0	57.0
77	32.4	25.3	37.9





#37

Ethyl Acetate

Concen: 56.310 ug/l

RT: 6.970 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

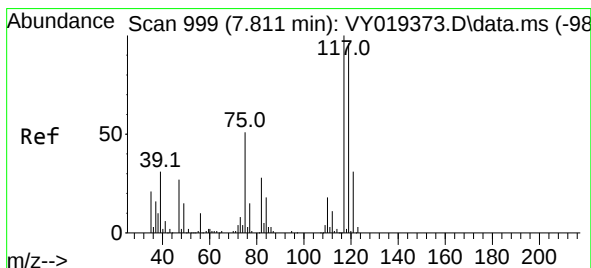
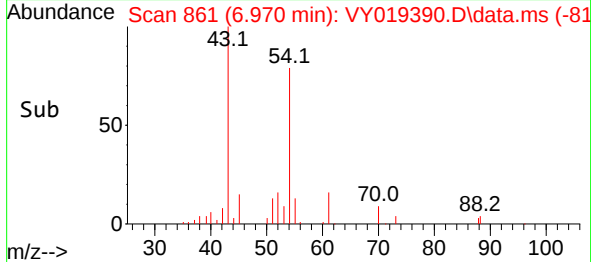
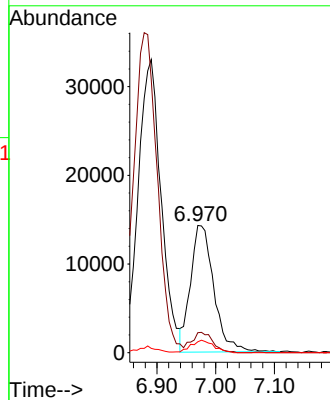
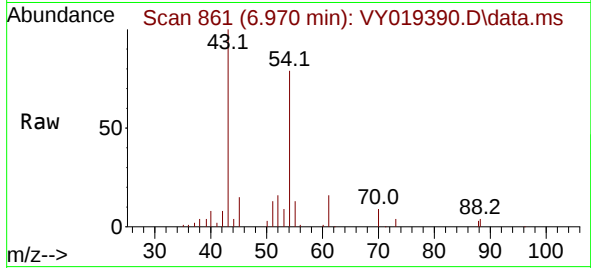
Tgt Ion: 43 Resp: 39240

Ion Ratio Lower Upper

43 100

61 14.8 12.6 19.0

70 9.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 48.080 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

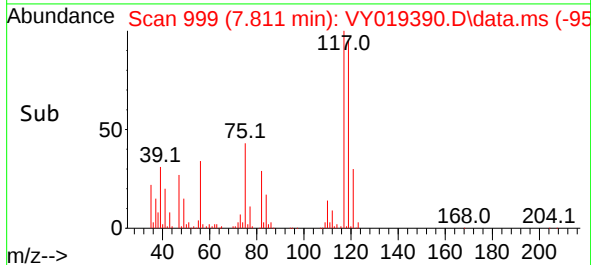
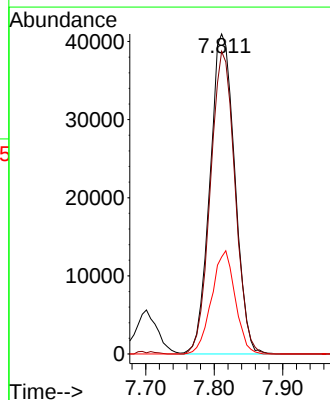
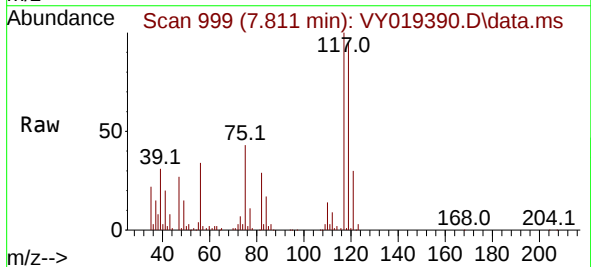
Tgt Ion: 117 Resp: 103163

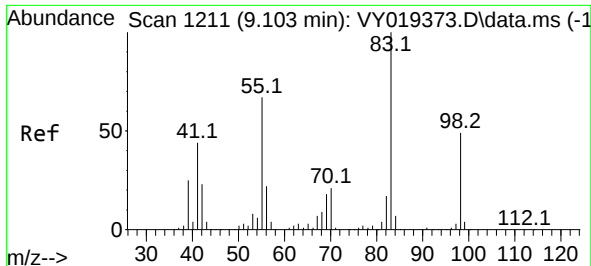
Ion Ratio Lower Upper

117 100

119 94.5 75.8 113.6

121 30.3 24.0 36.0





#39

Methylcyclohexane

Concen: 49.577 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

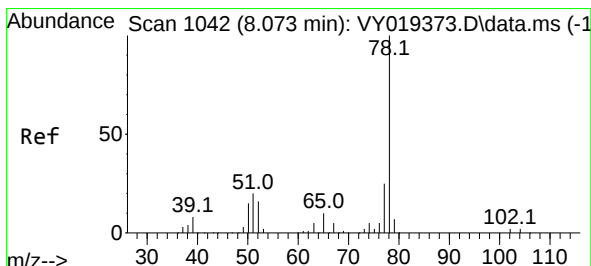
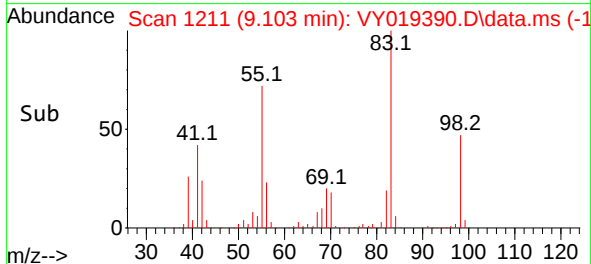
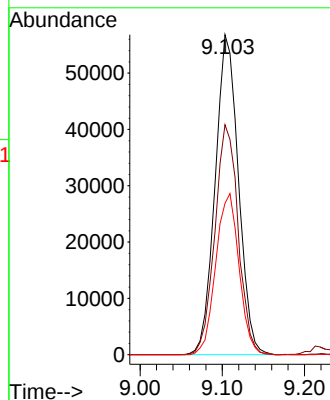
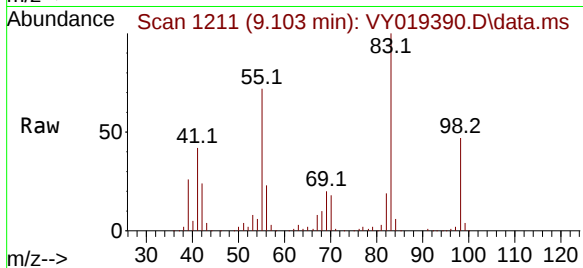
Tgt Ion: 83 Resp: 111922

Ion Ratio Lower Upper

83 100

55 71.9 51.5 77.3

98 47.3 40.5 60.7



#40

Benzene

Concen: 48.877 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY019390.D

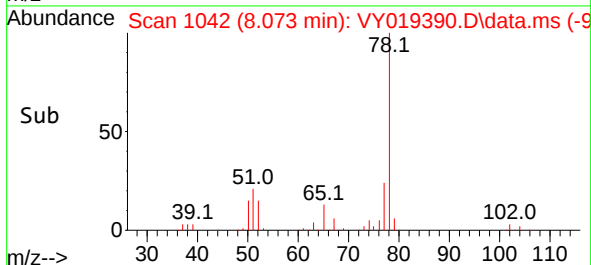
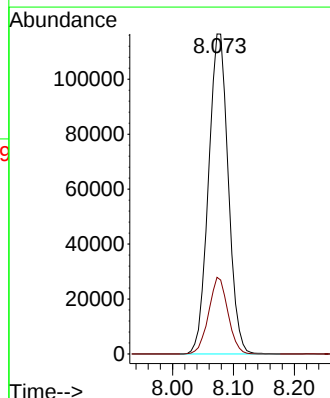
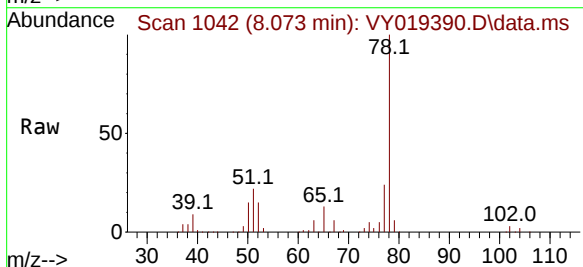
Acq: 30 Aug 2024 12:45

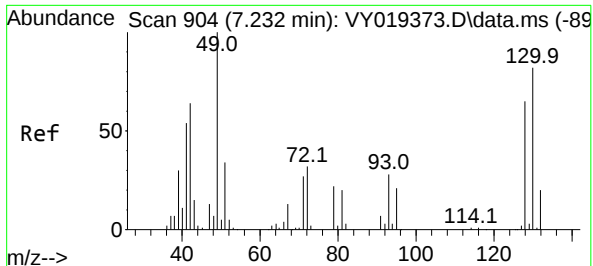
Tgt Ion: 78 Resp: 261864

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3

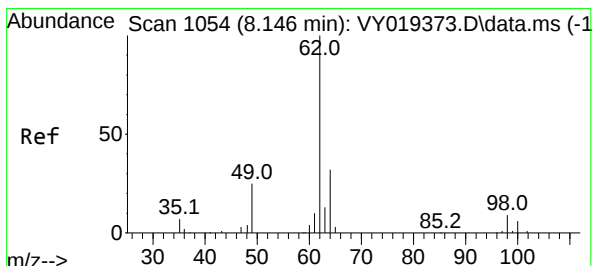
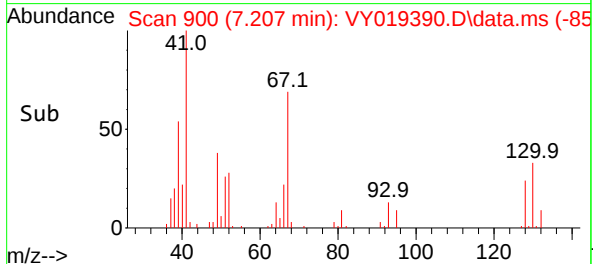
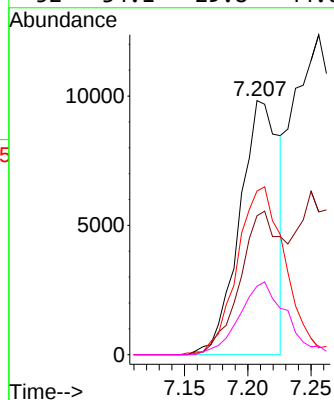
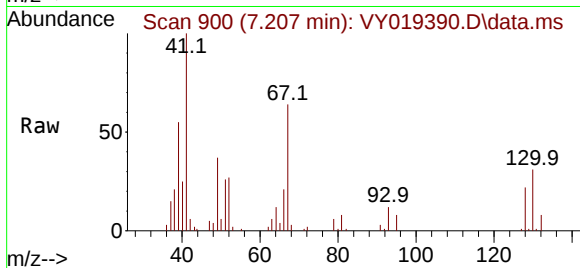




#41
Methacrylonitrile
Concen: 50.583 ug/l
RT: 7.207 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

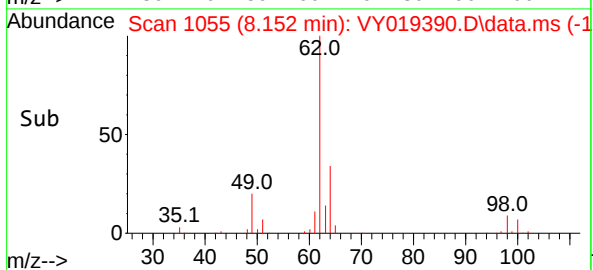
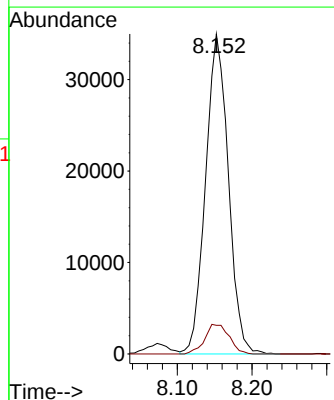
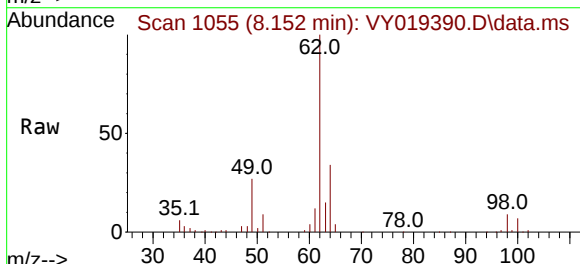
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

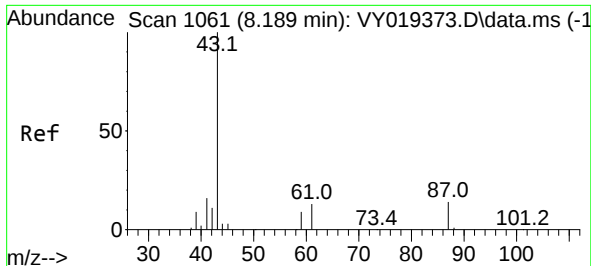
Tgt Ion:	41	Resp:	21257
Ion	Ratio	Lower	Upper
41	100		
39	62.7	48.0	72.0
67	81.0	75.1	112.7
52	34.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 52.097 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion:	62	Resp:	74073
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	22.0

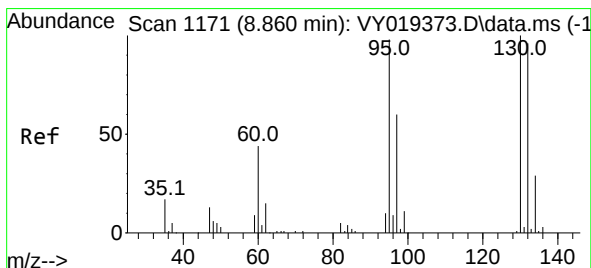
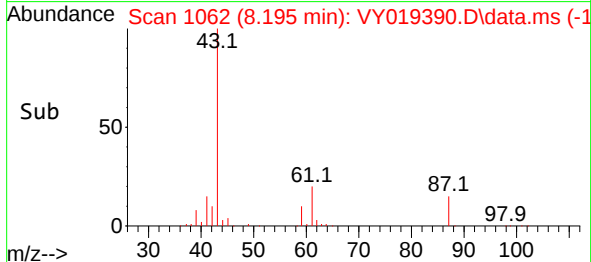
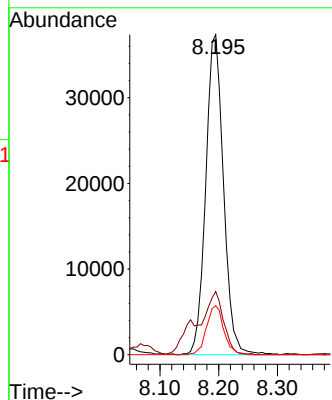
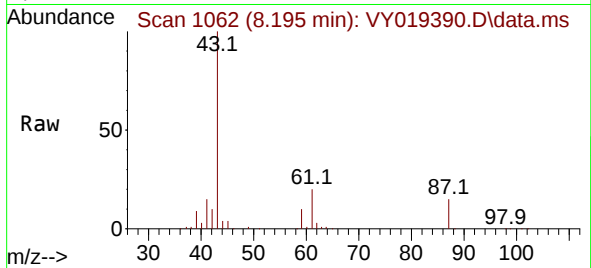




#43
Isopropyl Acetate
Concen: 57.760 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

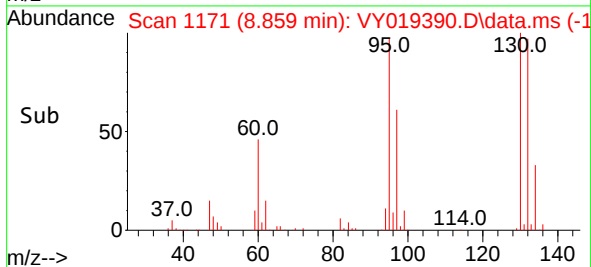
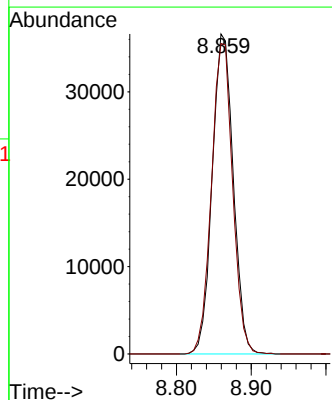
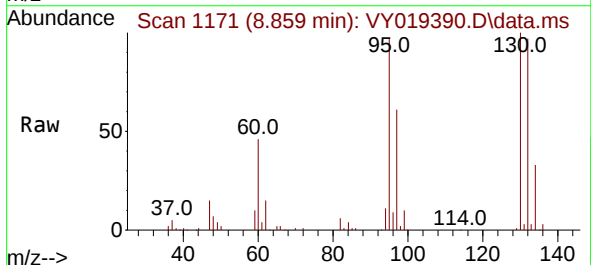
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

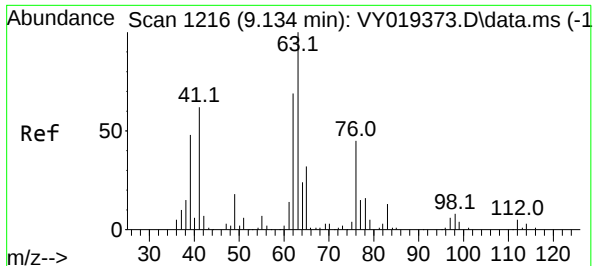
Tgt Ion: 43 Resp: 78551
Ion Ratio Lower Upper
43 100
61 20.2 27.9 41.9#
87 14.9 13.1 19.7



#44
Trichloroethene
Concen: 48.749 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion:130 Resp: 71734
Ion Ratio Lower Upper
130 100
95 97.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 50.374 ug/l

RT: 9.140 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

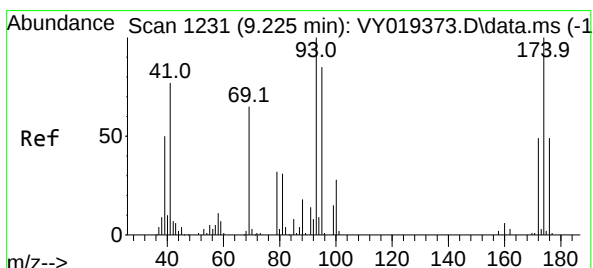
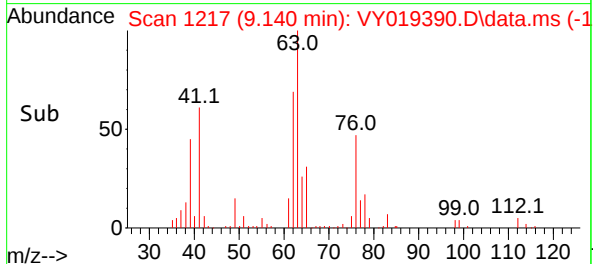
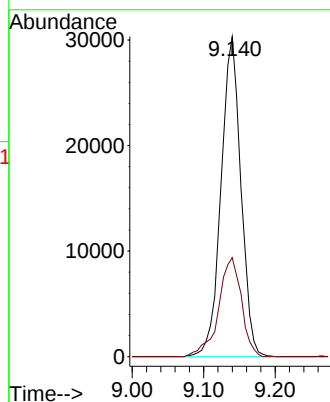
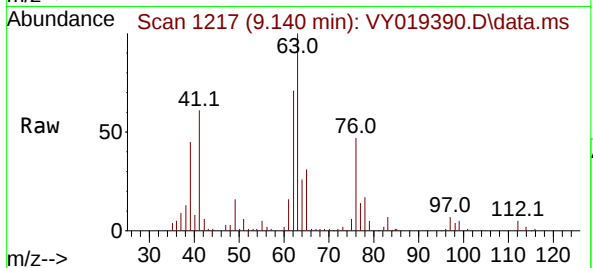
VSTDCCC050

Tgt Ion: 63 Resp: 58493

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.2



#46

Dibromomethane

Concen: 52.377 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

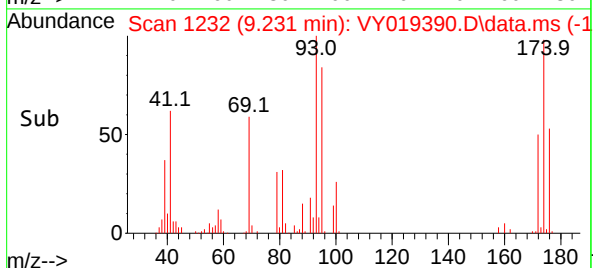
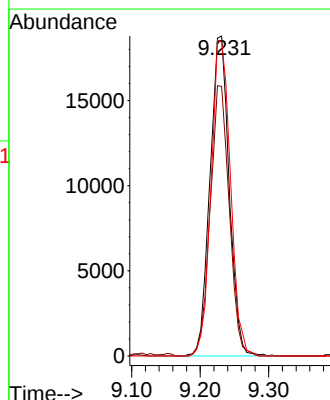
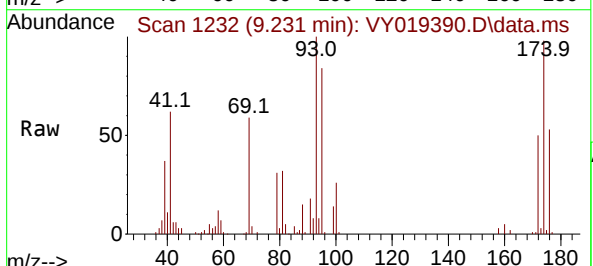
Tgt Ion: 93 Resp: 36585

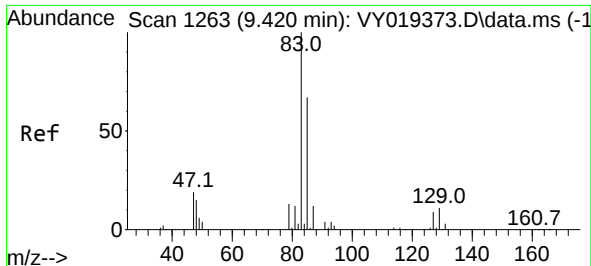
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 99.4 80.9 121.3





#47

Bromodichloromethane

Concen: 52.688 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

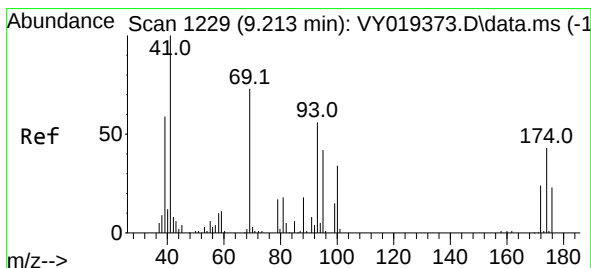
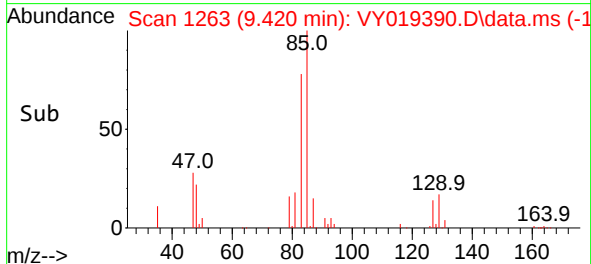
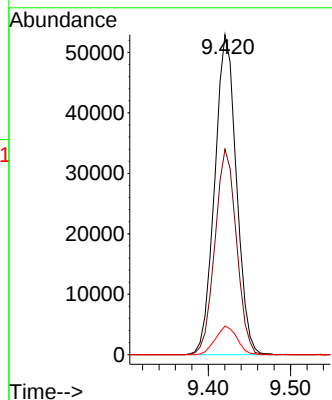
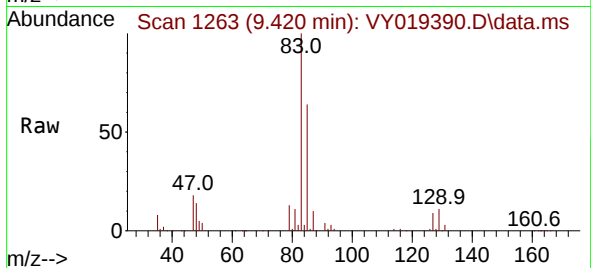
Tgt Ion: 83 Resp: 97193

Ion Ratio Lower Upper

83 100

85 64.2 50.1 75.1

127 8.9 7.4 11.0



#48

Methyl methacrylate

Concen: 58.724 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

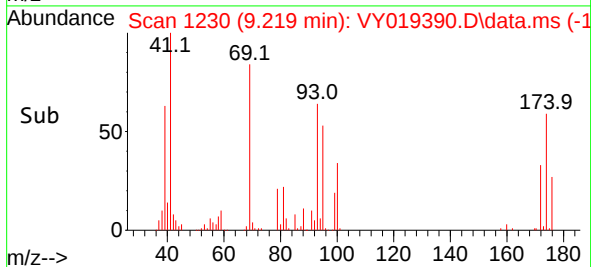
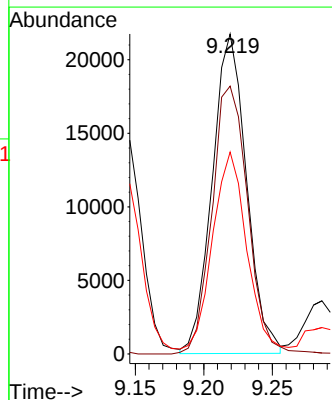
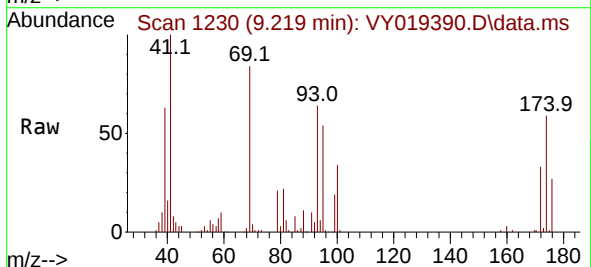
Tgt Ion: 41 Resp: 37757

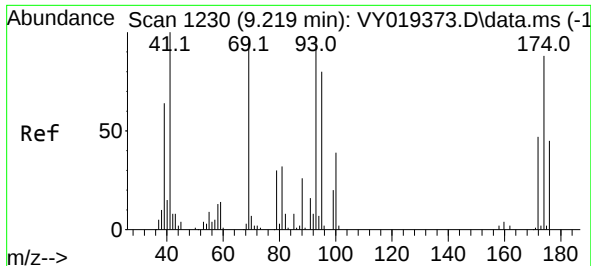
Ion Ratio Lower Upper

41 100

69 87.9 84.1 126.1

39 61.2 43.6 65.4





#49

1,4-Dioxane

Concen: 1030.648 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

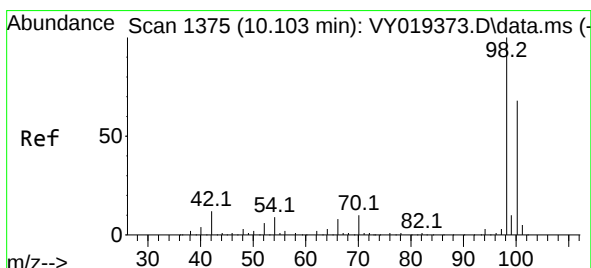
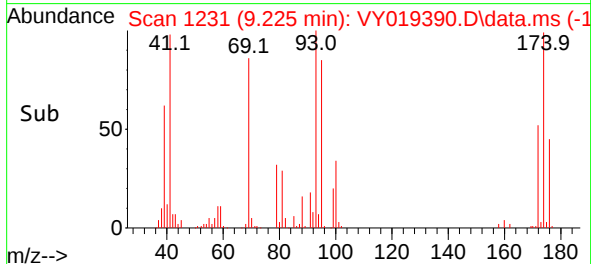
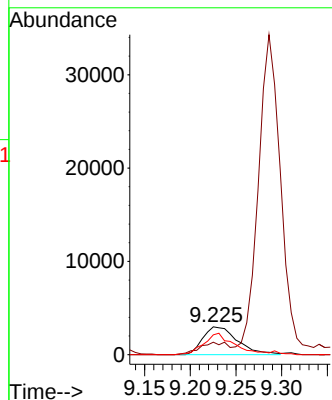
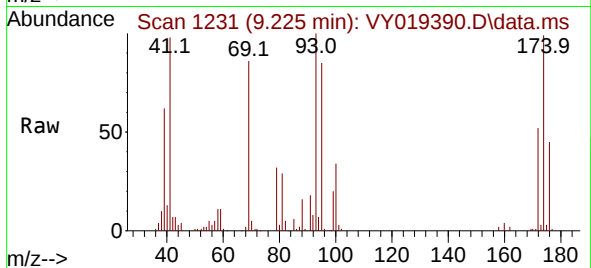
Tgt Ion: 88 Resp: 7887

Ion Ratio Lower Upper

88 100

43 35.6 0.0 0.0#

58 67.0 49.3 73.9



#50

Toluene-d8

Concen: 49.330 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY019390.D

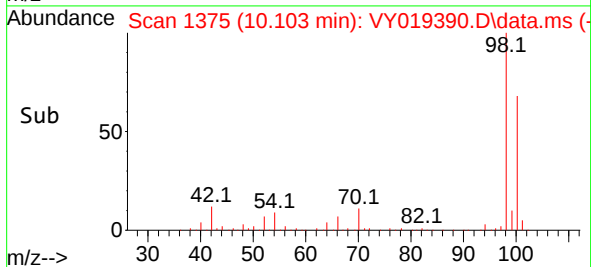
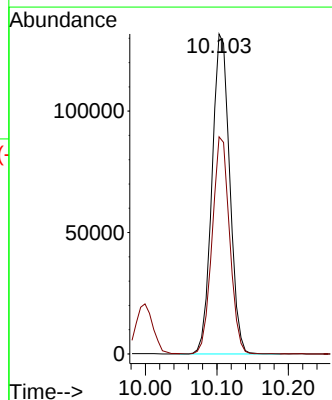
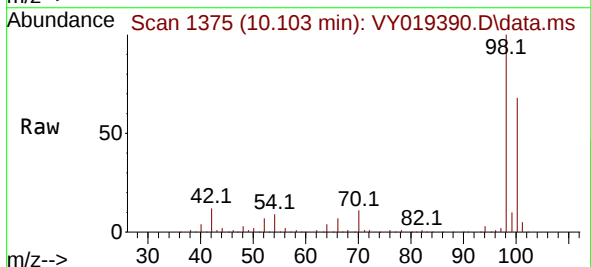
Acq: 30 Aug 2024 12:45

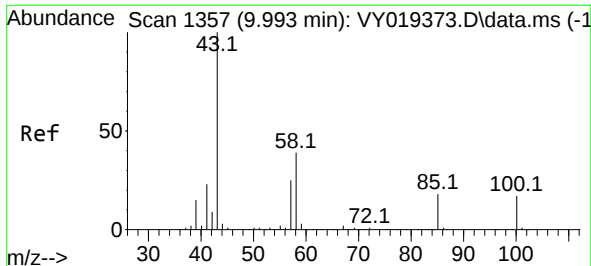
Tgt Ion: 98 Resp: 226218

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0

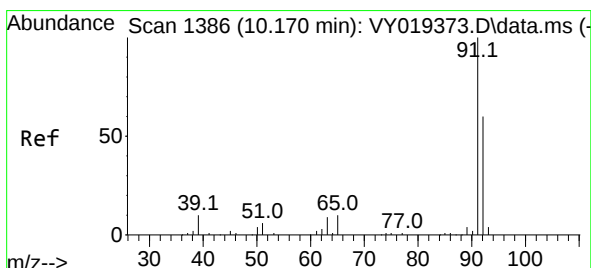
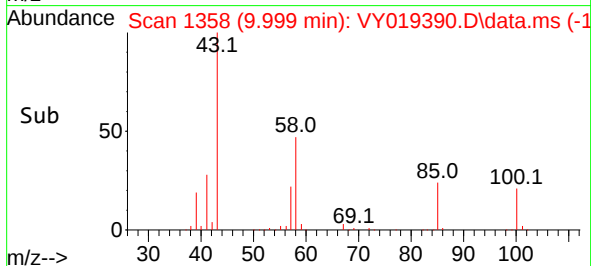
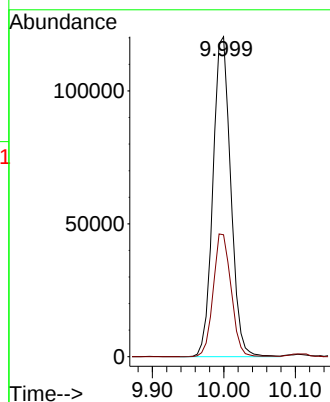
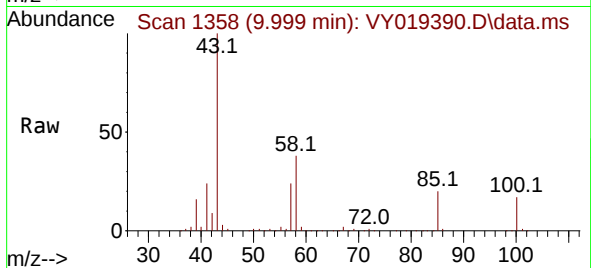




#51
4-Methyl-2-Pentanone
Concen: 292.084 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

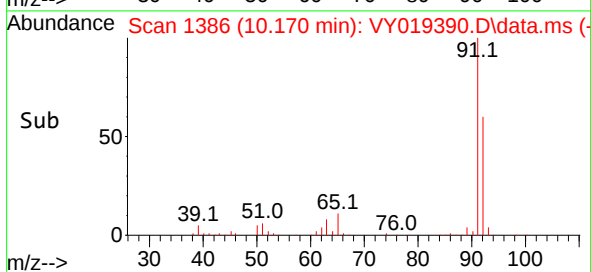
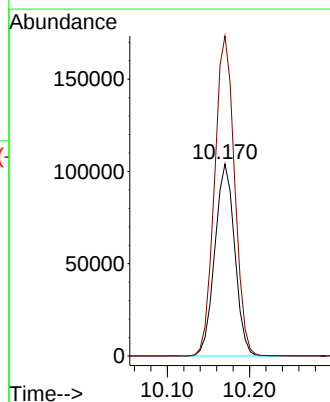
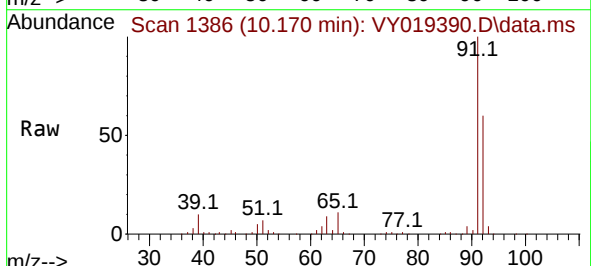
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

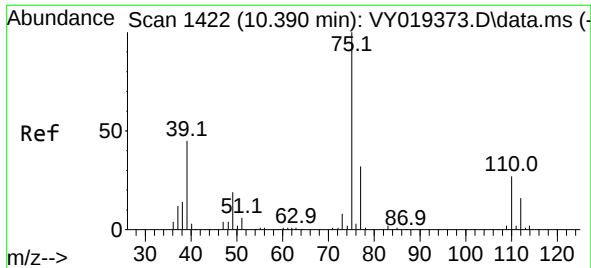
Tgt Ion: 43 Resp: 208003
Ion Ratio Lower Upper
43 100
58 38.6 35.7 53.5



#52
Toluene
Concen: 49.747 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 92 Resp: 174730
Ion Ratio Lower Upper
92 100
91 168.1 139.0 208.6

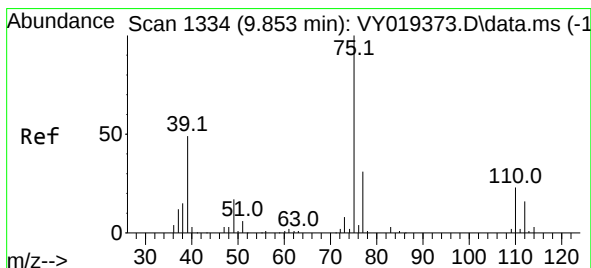
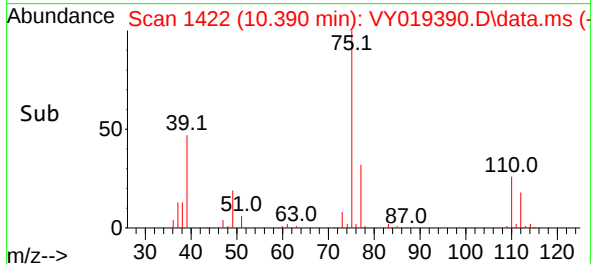
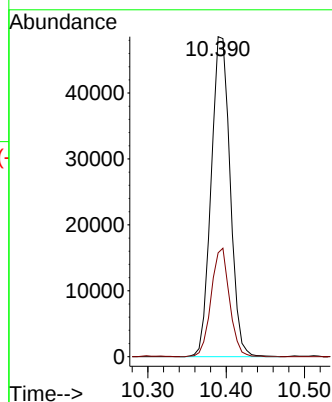
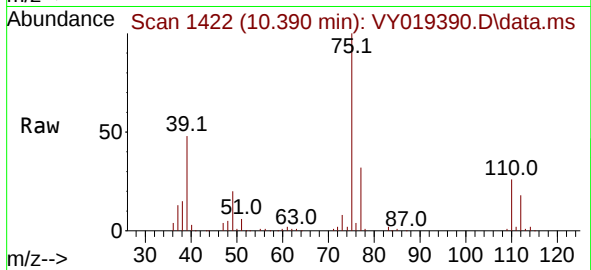




#53
t-1,3-Dichloropropene
Concen: 53.454 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

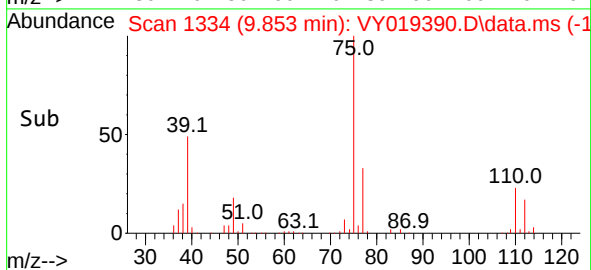
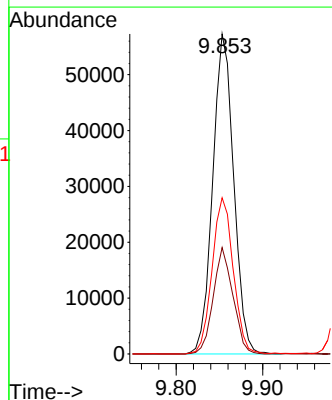
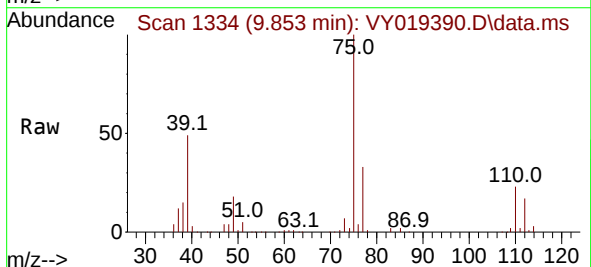
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

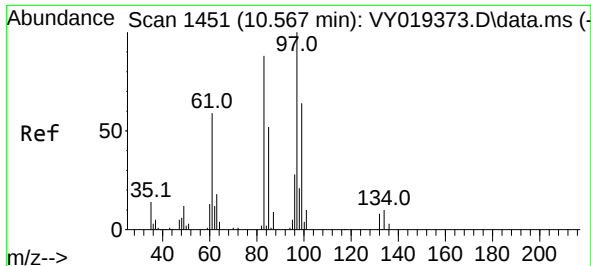
Tgt Ion: 75 Resp: 81443
Ion Ratio Lower Upper
75 100
77 32.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 53.420 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 75 Resp: 96375
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.0
39 48.8 29.8 44.6#

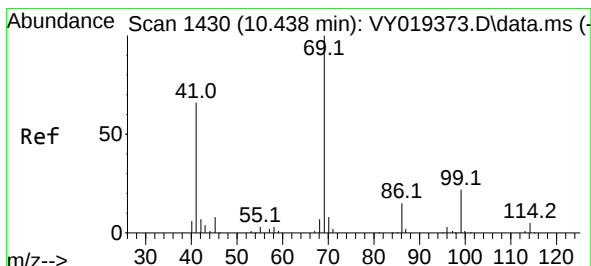
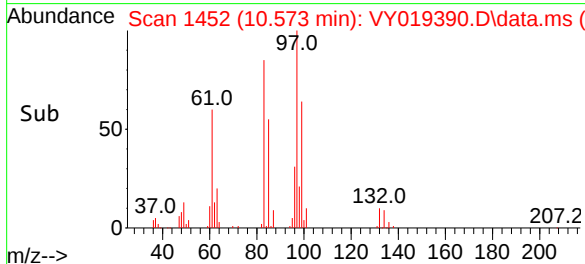
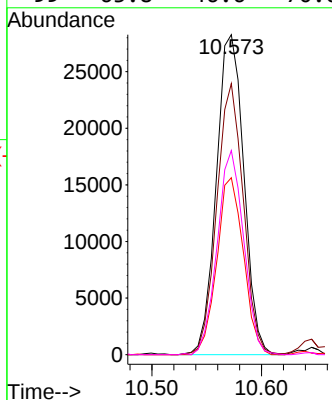
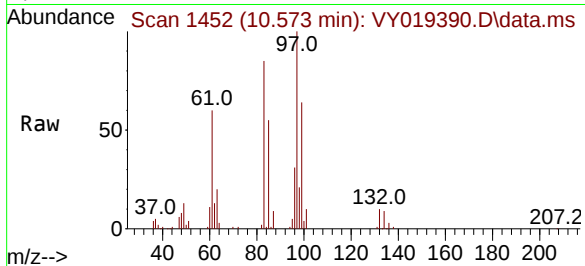




#55
1,1,2-Trichloroethane
Concen: 55.280 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

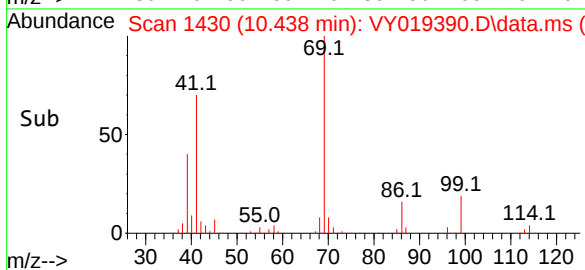
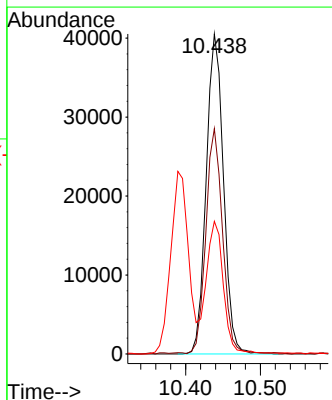
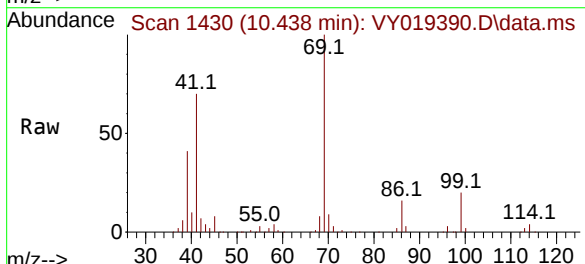
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

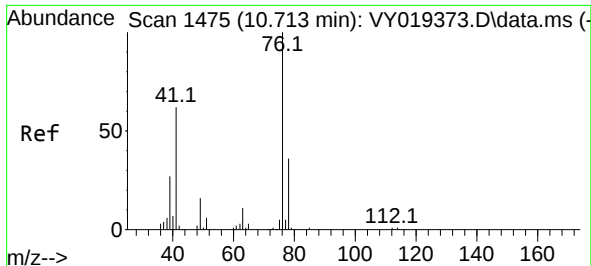
Tgt Ion: 97	Resp: 49254
Ion Ratio	Lower Upper
97 100	
83 84.7	67.5 101.3
85 55.3	42.9 64.3
99 63.8	46.6 70.0



#56
Ethyl methacrylate
Concen: 56.116 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 69	Resp: 64953
Ion Ratio	Lower Upper
69 100	
41 67.4	42.3 63.5#
39 41.2	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.991 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

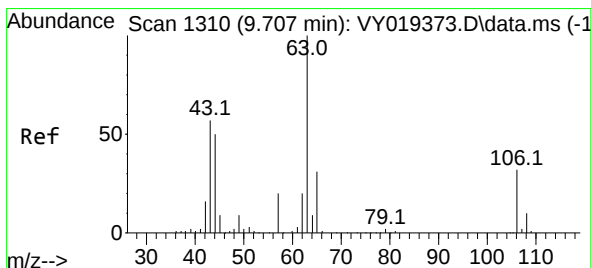
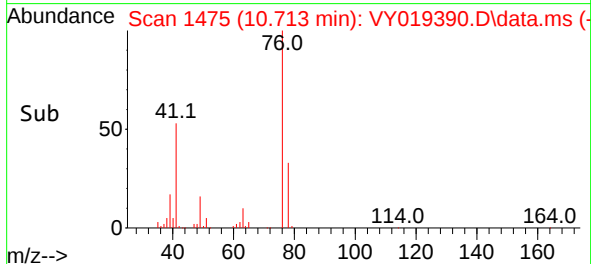
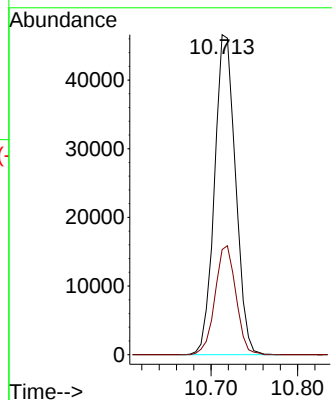
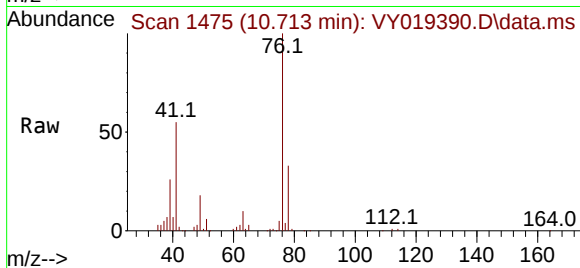
VSTDCCC050

Tgt Ion: 76 Resp: 78586

Ion Ratio Lower Upper

76 100

78 33.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 292.949 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY019390.D

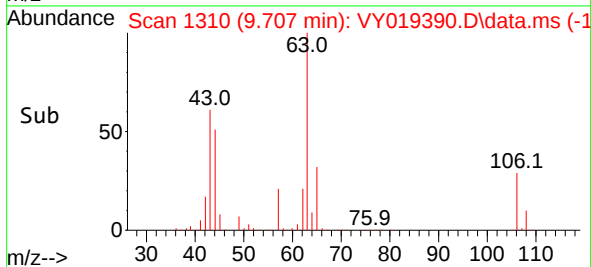
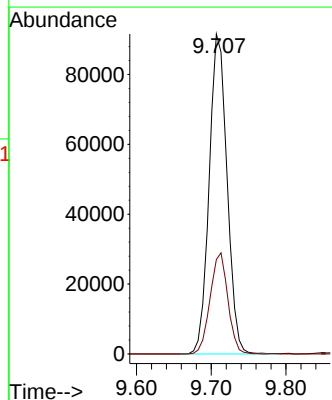
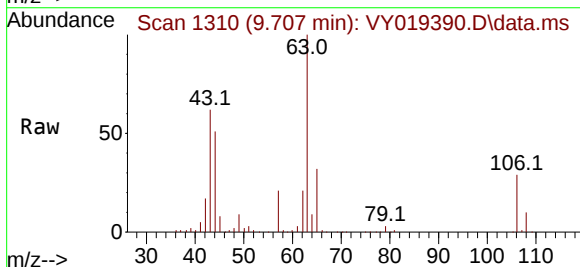
Acq: 30 Aug 2024 12:45

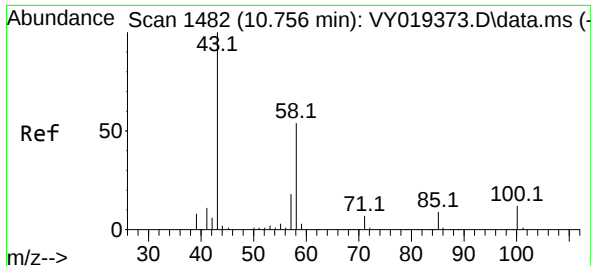
Tgt Ion: 63 Resp: 152016

Ion Ratio Lower Upper

63 100

106 31.3 23.7 35.5

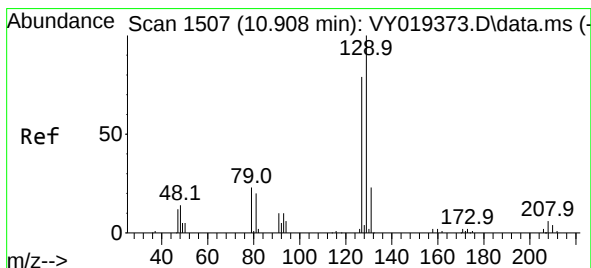
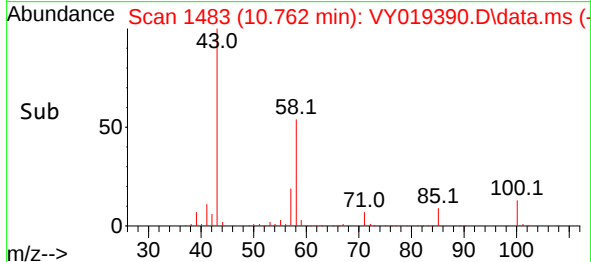
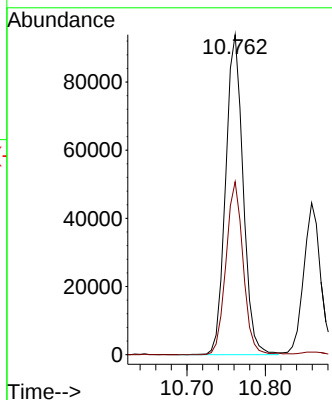
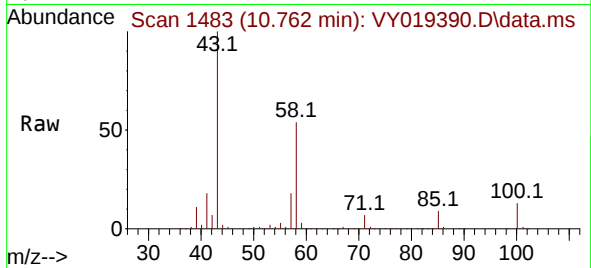




#59
2-Hexanone
Concen: 308.774 ug/l
RT: 10.762 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

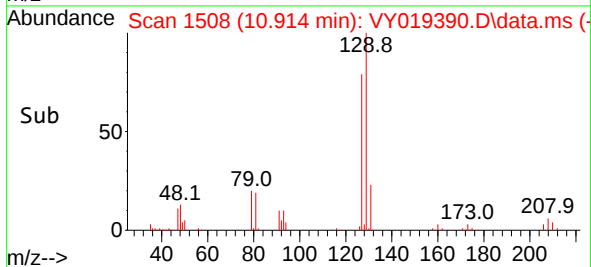
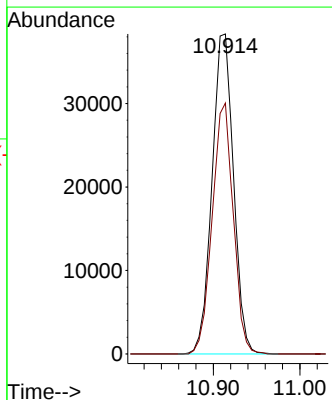
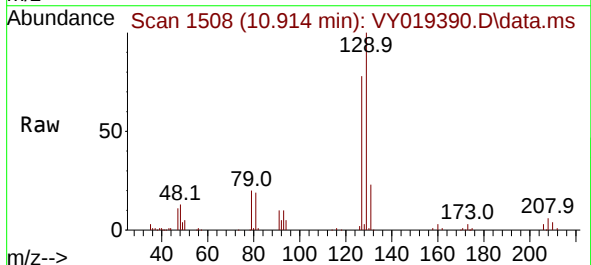
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

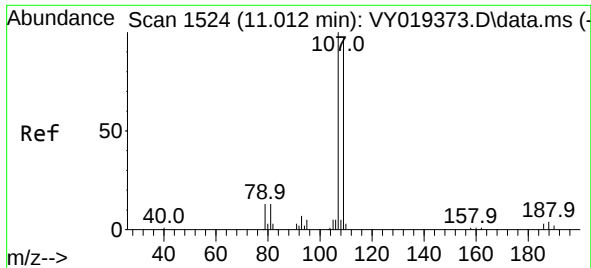
Tgt Ion: 43 Resp: 145816
Ion Ratio Lower Upper
43 100
58 53.1 31.4 94.0



#60
Dibromochloromethane
Concen: 54.296 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 129 Resp: 65956
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

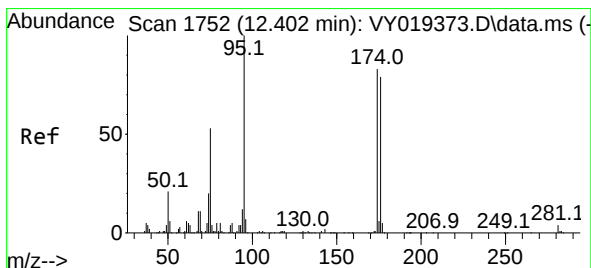
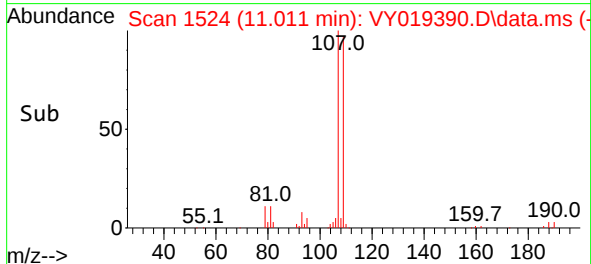
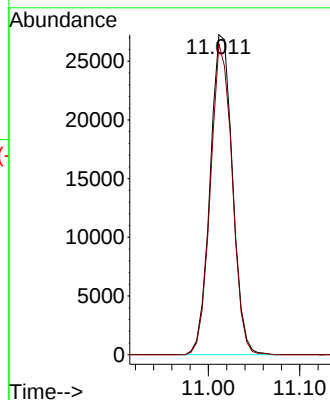
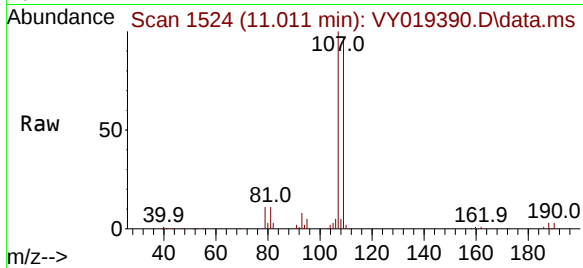




#61
1,2-Dibromoethane
Concen: 56.493 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

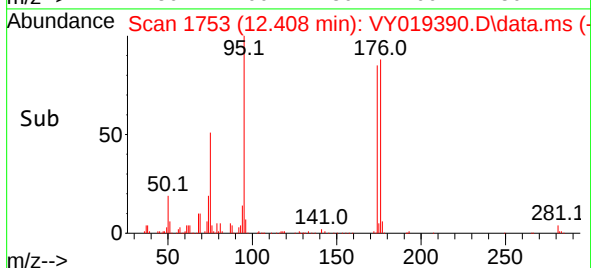
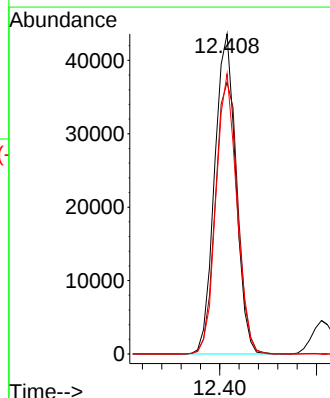
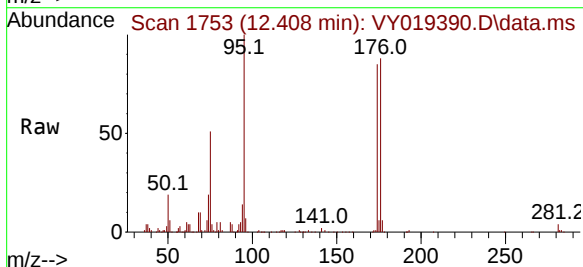
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

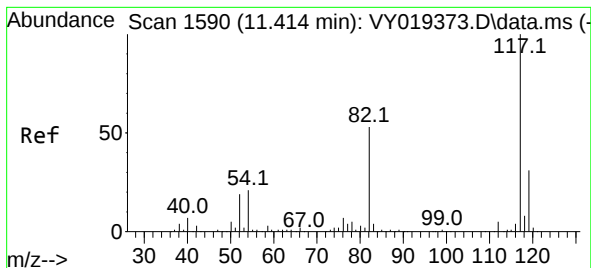
Tgt Ion:107 Resp: 46372
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 44.659 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 95 Resp: 66240
Ion Ratio Lower Upper
95 100
174 90.6 0.0 175.6
176 85.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

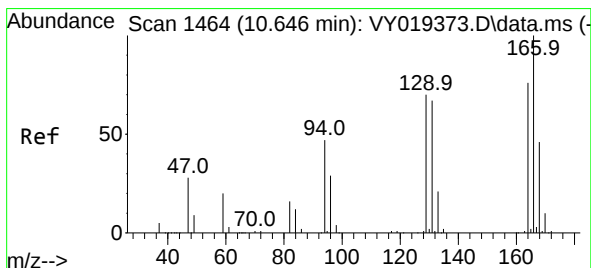
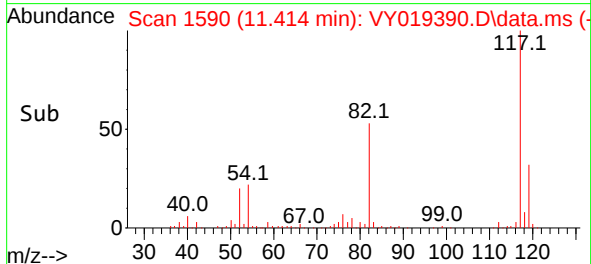
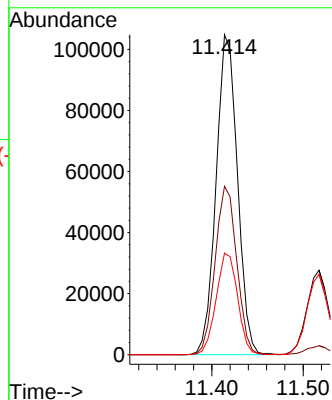
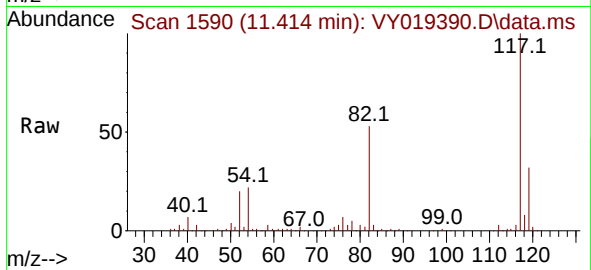
Tgt Ion:117 Resp: 170526

Ion Ratio Lower Upper

117 100

82 52.6 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 46.224 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Tgt Ion:164 Resp: 76988

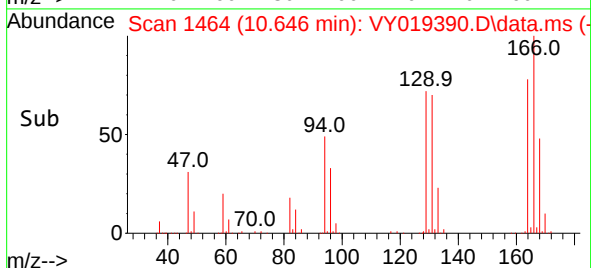
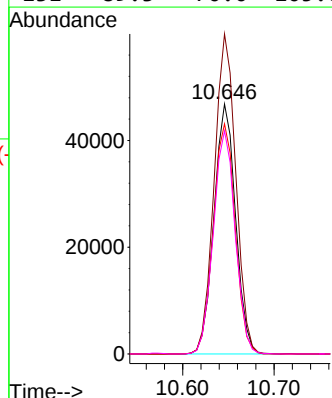
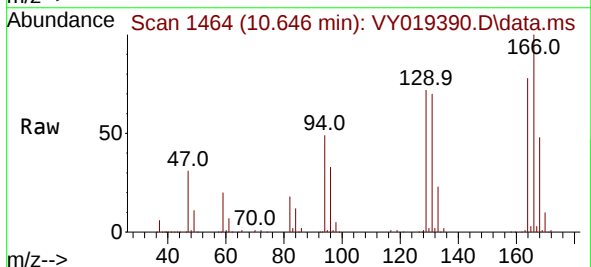
Ion Ratio Lower Upper

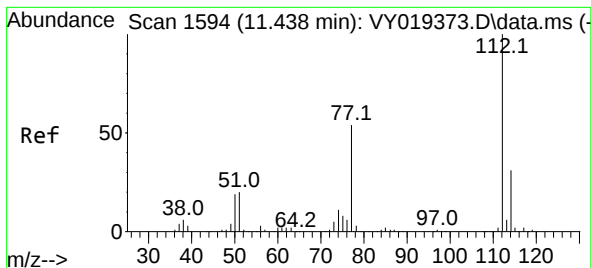
164 100

166 128.0 102.6 154.0

129 92.1 72.0 108.0

131 89.3 70.0 105.0





#65

Chlorobenzene

Concen: 49.257 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

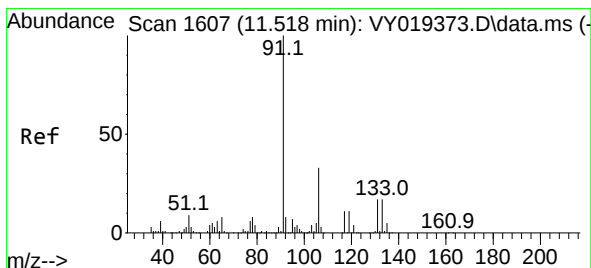
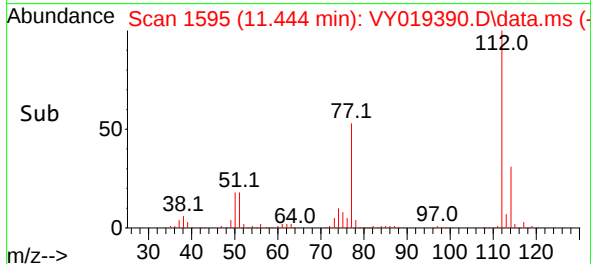
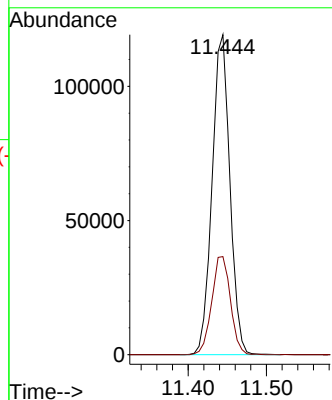
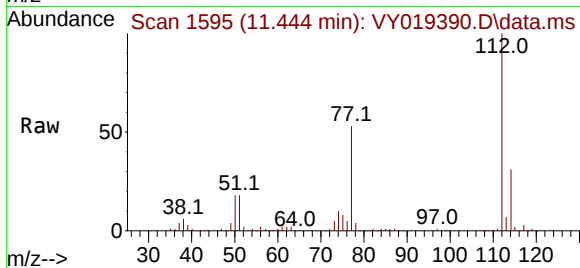
VSTDCCC050

Tgt Ion:112 Resp: 187925

Ion Ratio Lower Upper

112 100

114 30.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.456 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

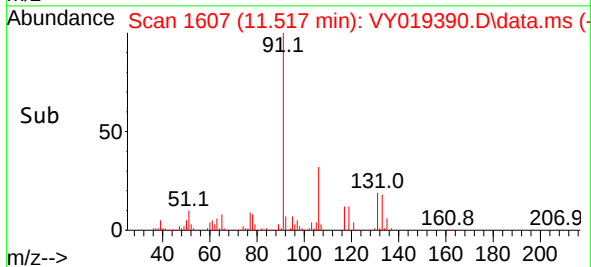
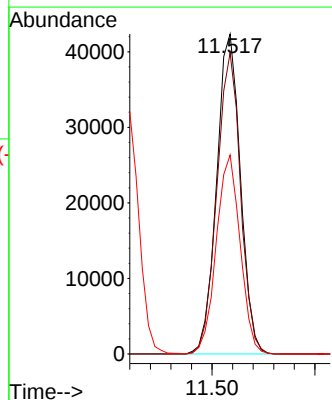
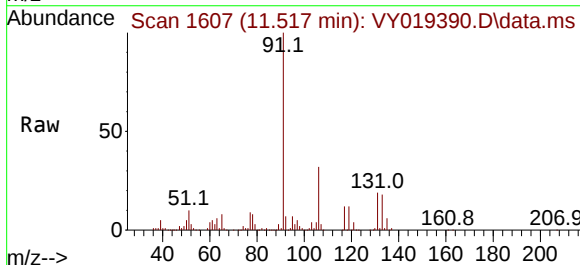
Tgt Ion:131 Resp: 68073

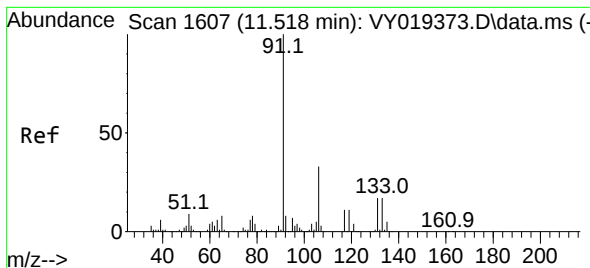
Ion Ratio Lower Upper

131 100

133 93.4 47.8 143.3

119 62.3 34.1 102.2





#67

Ethyl Benzene

Concen: 50.582 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

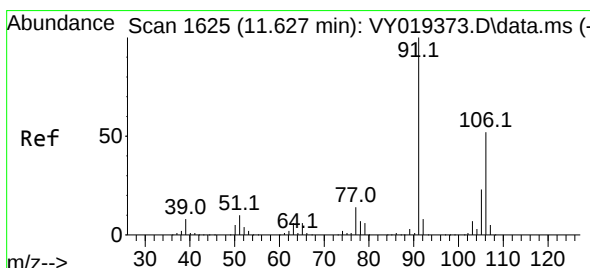
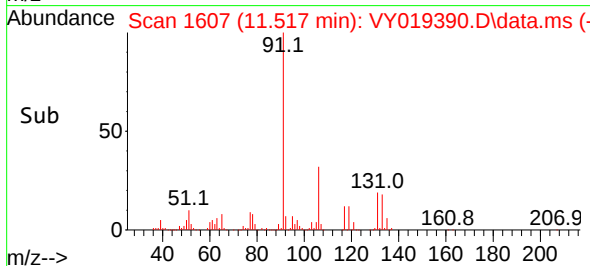
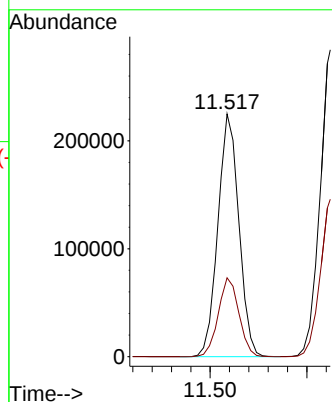
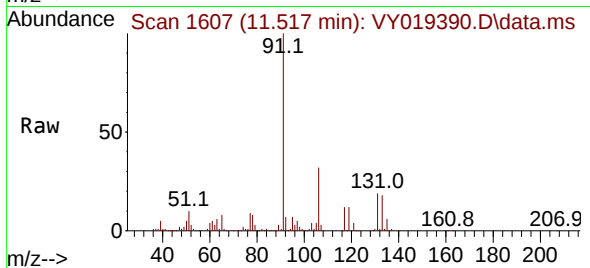
VSTDCCC050

Tgt Ion: 91 Resp: 337389

Ion Ratio Lower Upper

91 100

106 32.5 24.5 36.7



#68

m/p-Xylenes

Concen: 108.821 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY019390.D

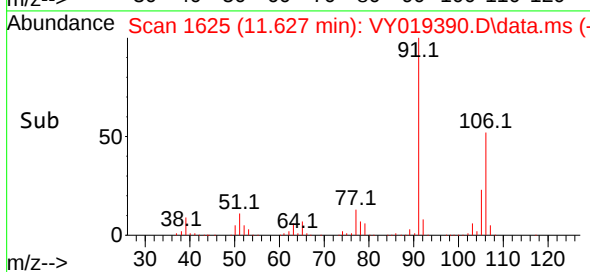
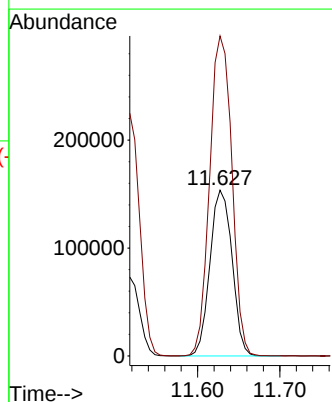
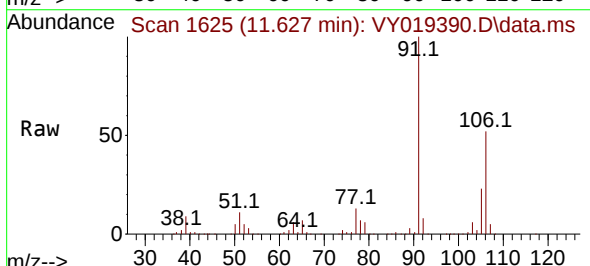
Acq: 30 Aug 2024 12:45

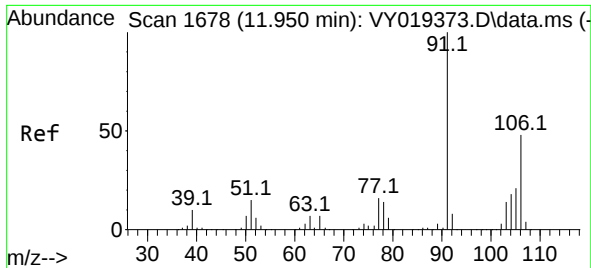
Tgt Ion:106 Resp: 287192

Ion Ratio Lower Upper

106 100

91 194.2 156.0 234.0

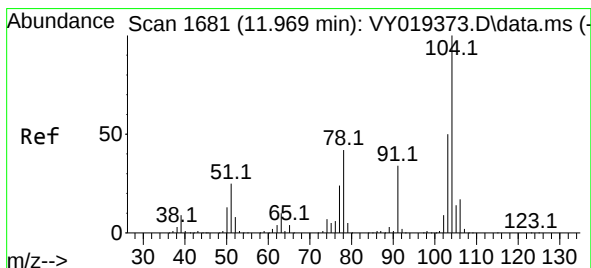
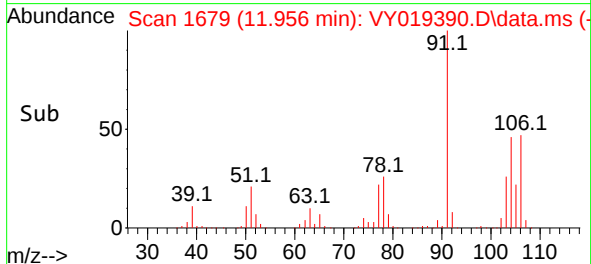
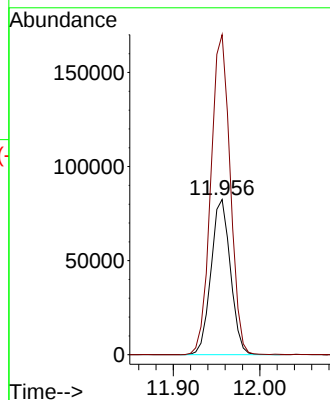
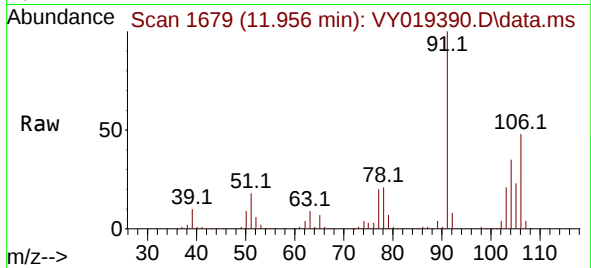




#69
o-Xylene
Concen: 52.177 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

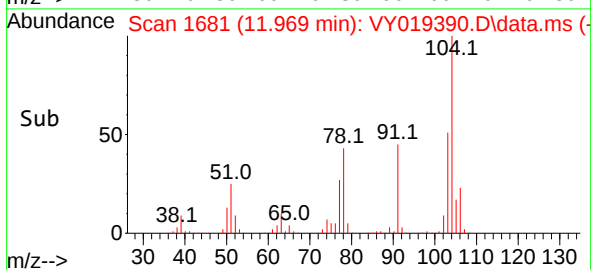
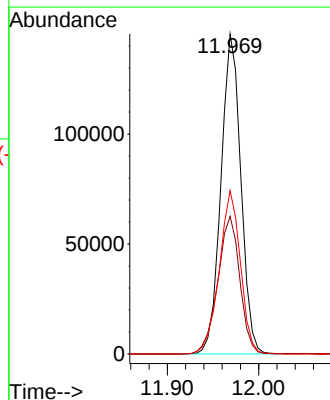
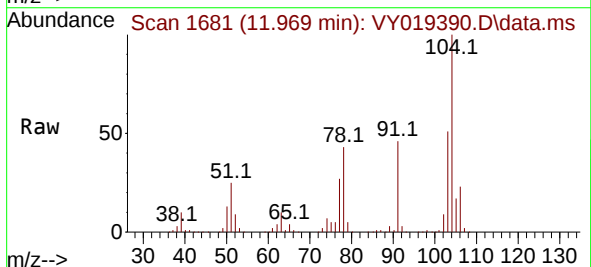
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

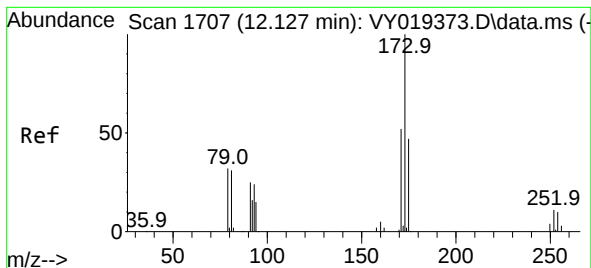
Tgt Ion:106 Resp: 128260
Ion Ratio Lower Upper
106 100
91 206.3 103.6 310.8



#70
Styrene
Concen: 54.744 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion:104 Resp: 220200
Ion Ratio Lower Upper
104 100
78 47.5 37.0 55.4
103 54.2 44.2 66.2





#71

Bromoform

Concen: 55.988 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

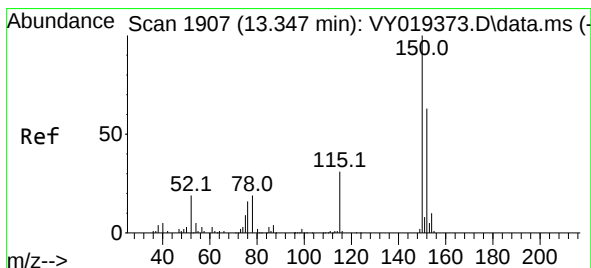
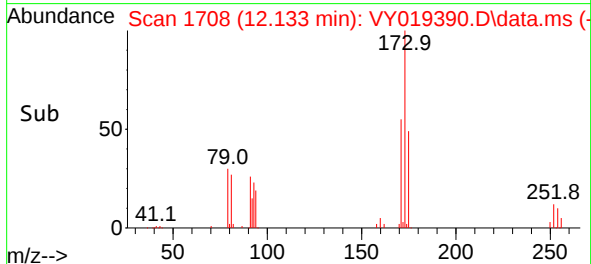
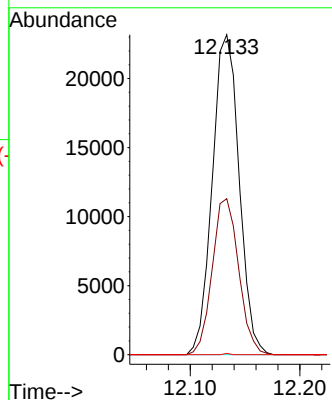
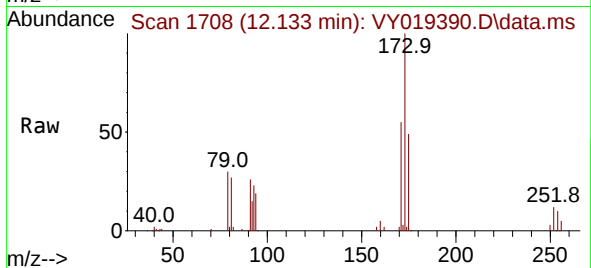
Tgt Ion:173 Resp: 39370

Ion Ratio Lower Upper

173 100

175 48.1 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: VY019390.D

Acq: 30 Aug 2024 12:45

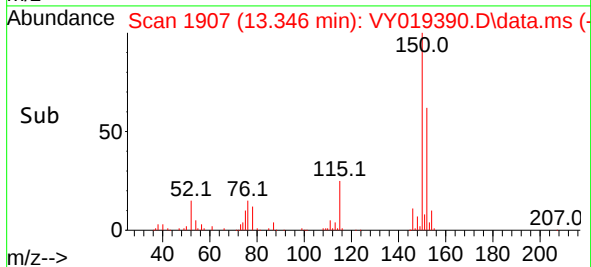
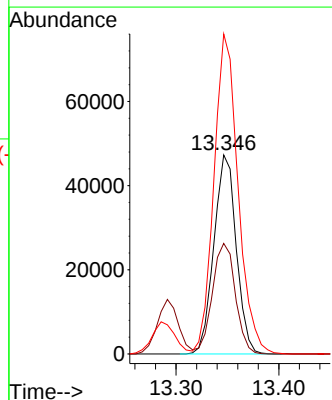
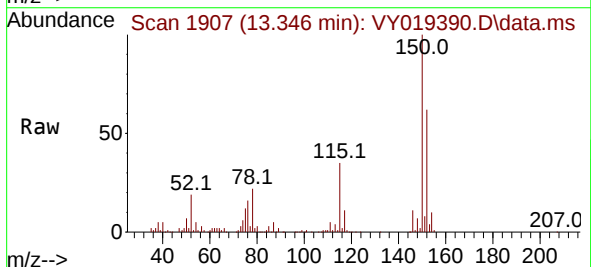
Tgt Ion:152 Resp: 71298

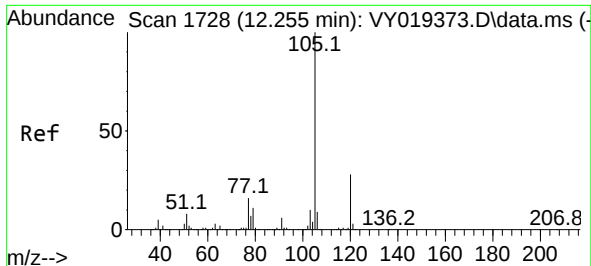
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 173.8 0.0 345.6

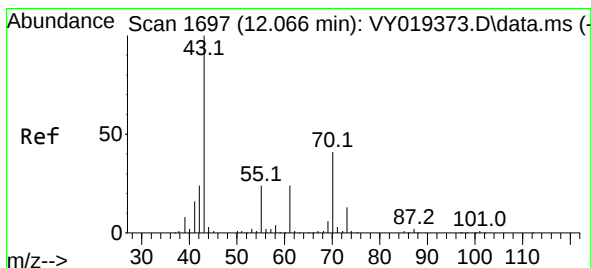
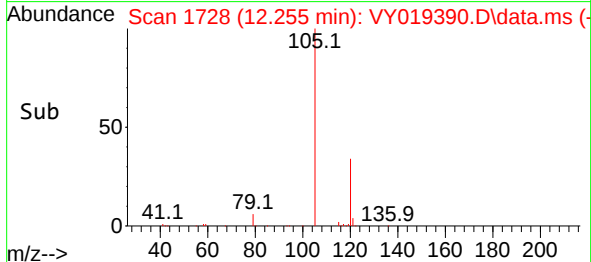
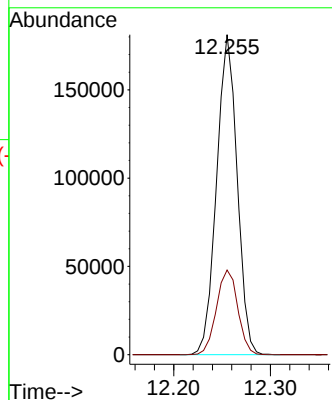
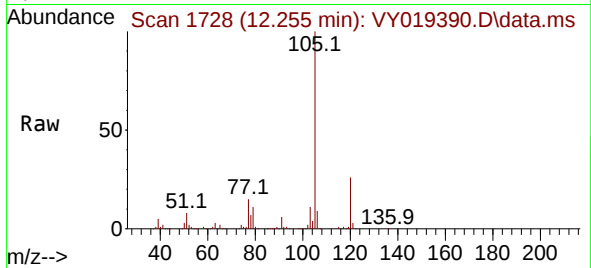




#73
Isopropylbenzene
Concen: 46.948 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

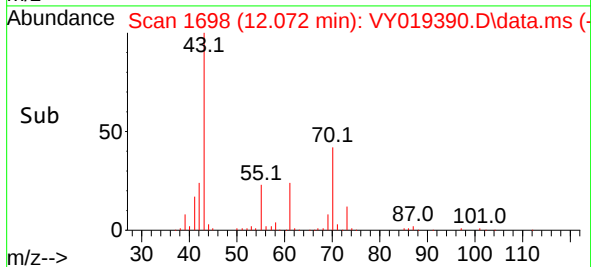
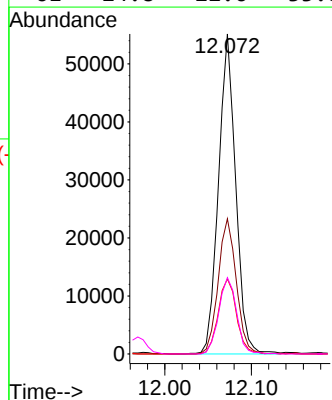
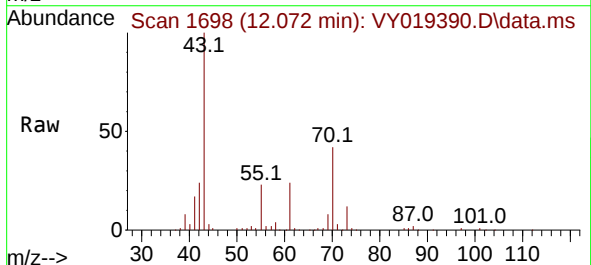
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

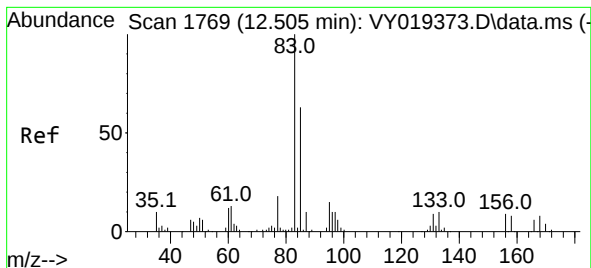
Tgt Ion:105 Resp: 266906
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.1



#74
N-ethyl acetate
Concen: 69.565 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 43 Resp: 76048
Ion Ratio Lower Upper
43 100
70 44.5 41.4 62.2
55 25.1 23.3 34.9
61 24.8 22.6 33.8

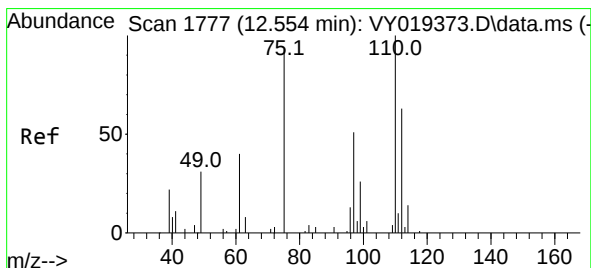
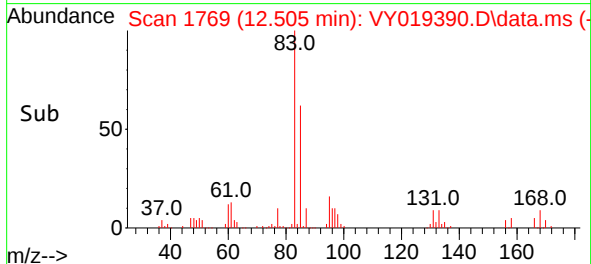
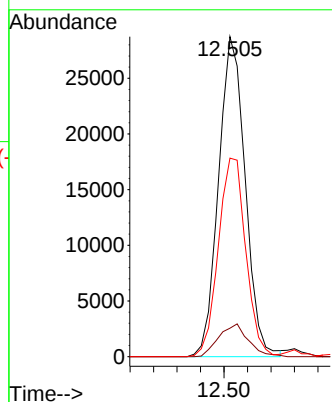
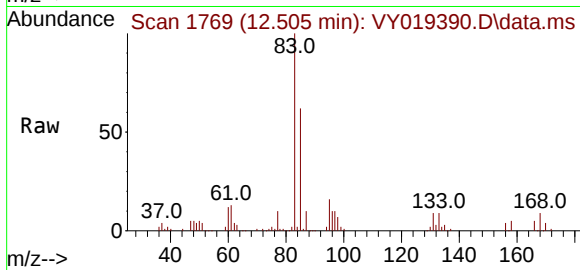




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.583 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY019390.D
 Acq: 30 Aug 2024 12:45

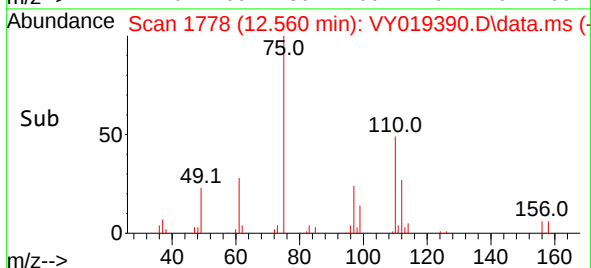
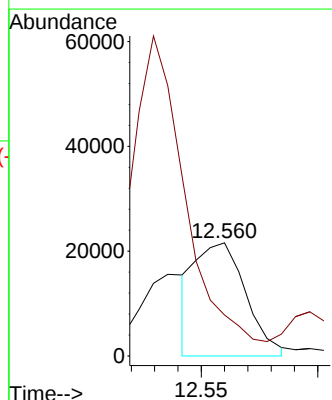
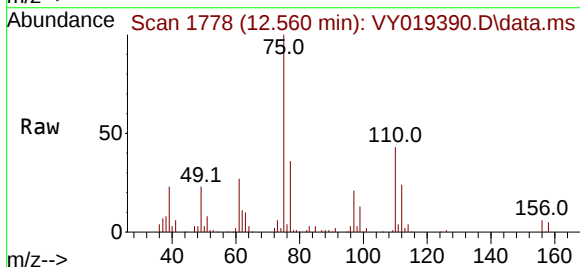
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

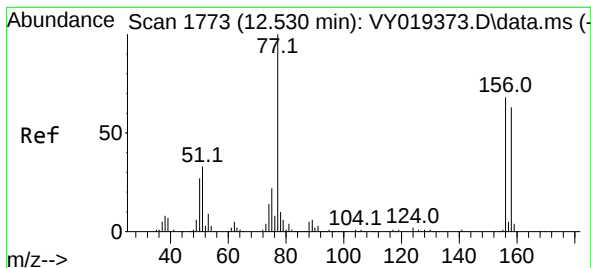
Tgt Ion: 83 Resp: 45274
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.0 14.9
 85 64.0 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 52.314 ug/l m
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY019390.D
 Acq: 30 Aug 2024 12:45

Tgt Ion: 75 Resp: 32756
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.014 ug/l

RT: 12.529 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

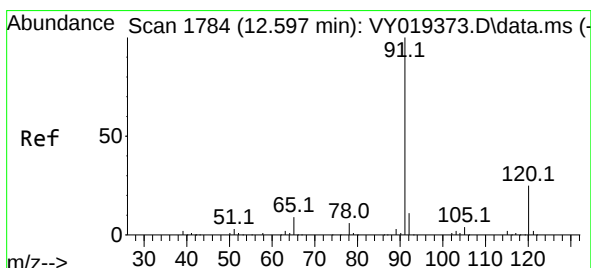
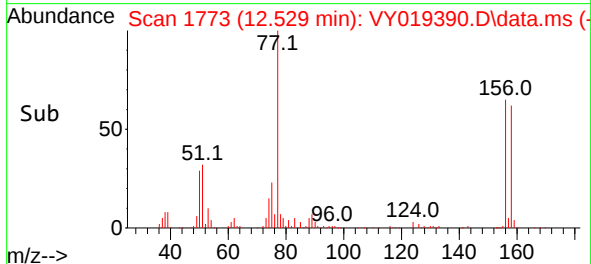
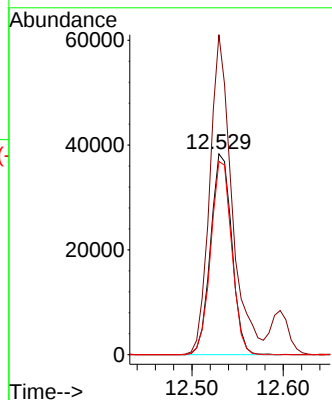
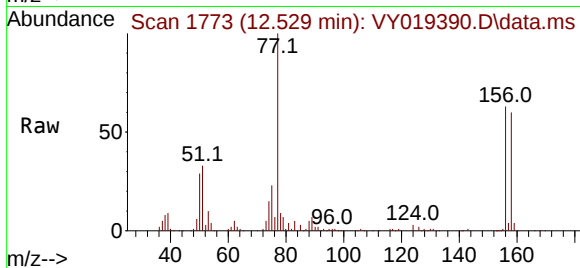
Tgt Ion:156 Resp: 61635

Ion Ratio Lower Upper

156 100

77 166.7 87.1 261.3

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 46.106 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY019390.D

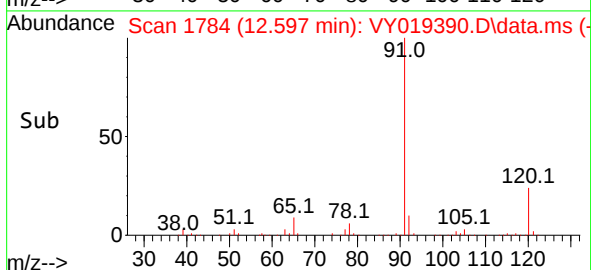
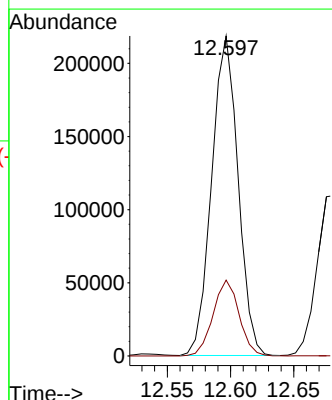
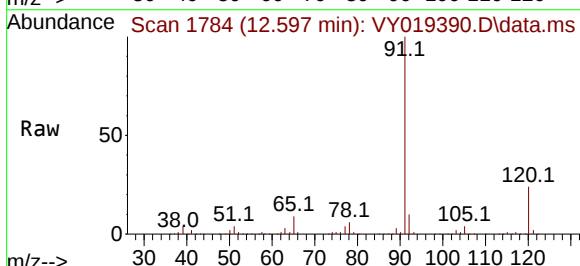
Acq: 30 Aug 2024 12:45

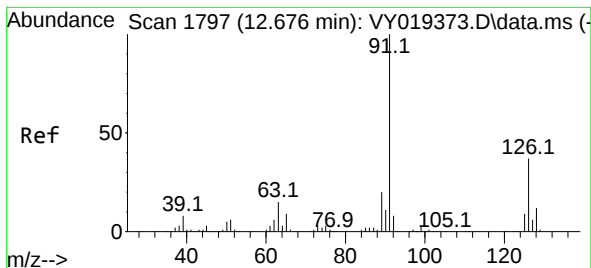
Tgt Ion: 91 Resp: 316705

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 45.296 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

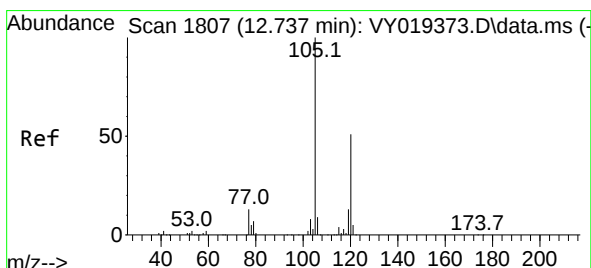
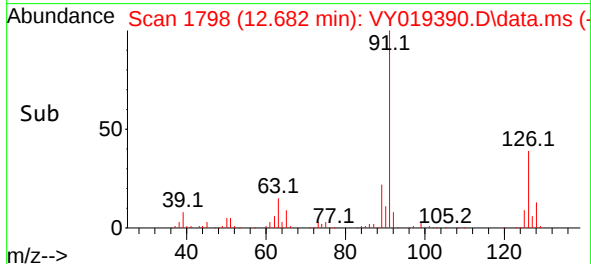
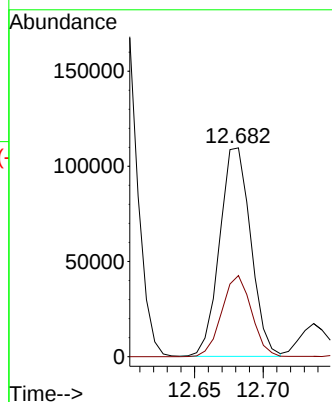
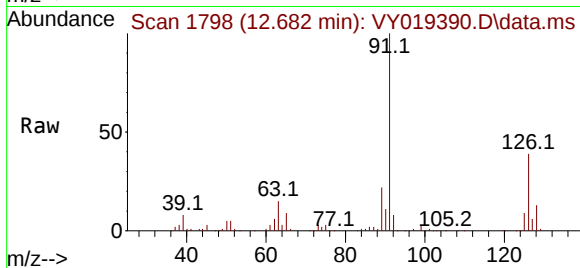
VSTDCCC050

Tgt Ion: 91 Resp: 173341

Ion Ratio Lower Upper

91 100

126 37.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 48.688 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY019390.D

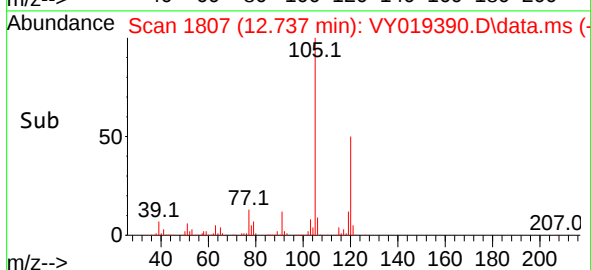
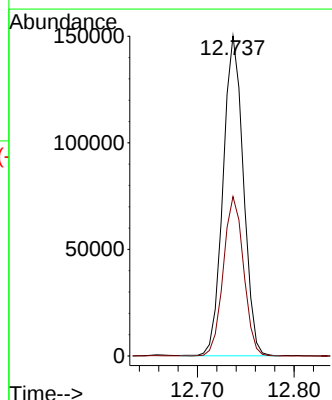
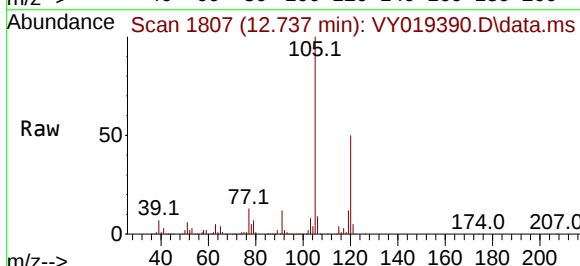
Acq: 30 Aug 2024 12:45

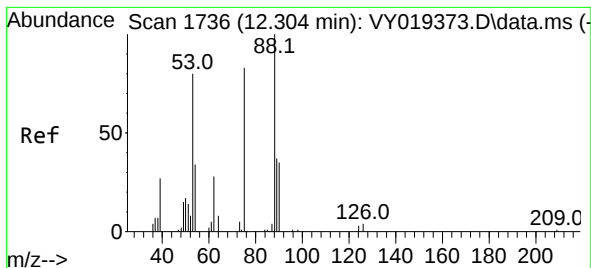
Tgt Ion:105 Resp: 218089

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.2

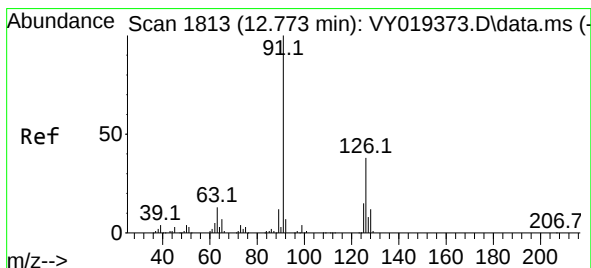
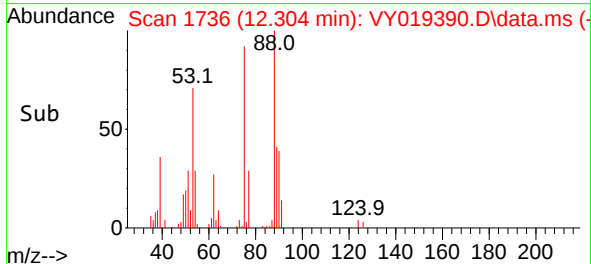
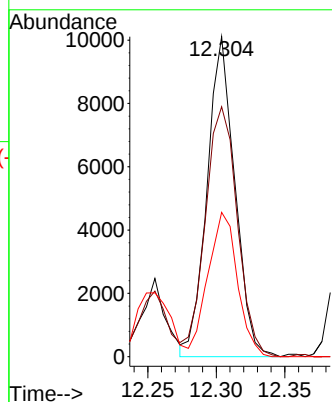
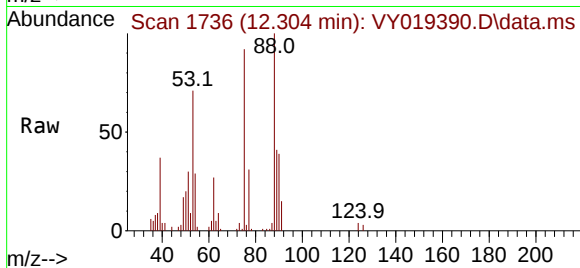




#81
trans-1,4-Dichloro-2-butene
Concen: 56.184 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

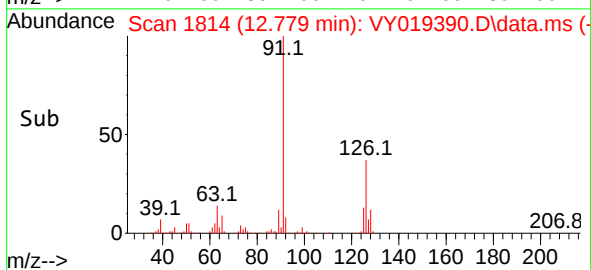
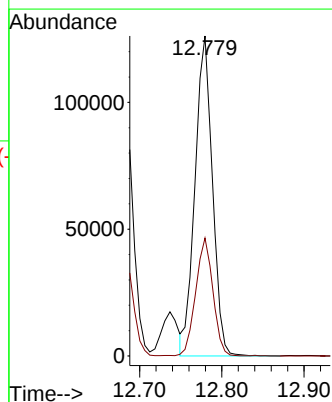
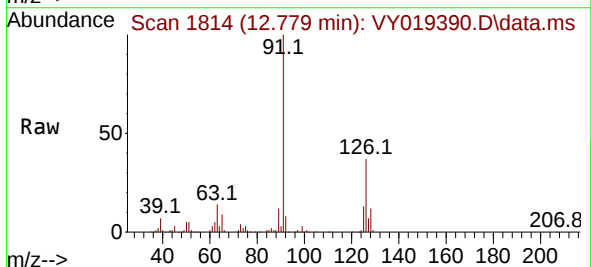
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

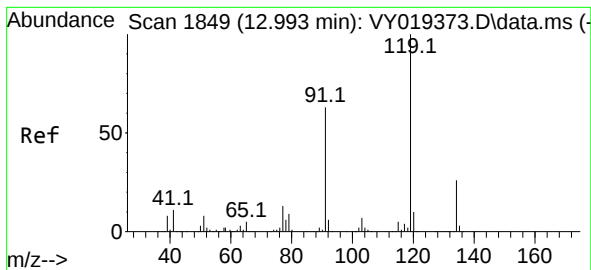
Tgt Ion	75	Resp:	14219
Ion	Ratio	Lower	Upper
75	100		
53	90.0	66.8	100.2
89	47.8	35.8	53.6



#82
4-Chlorotoluene
Concen: 48.010 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion	91	Resp:	185862
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.6	52.9





#83

tert-Butylbenzene

Concen: 50.912 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

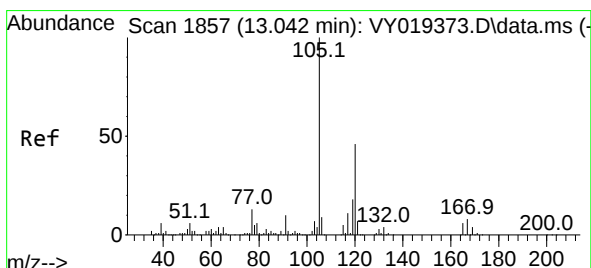
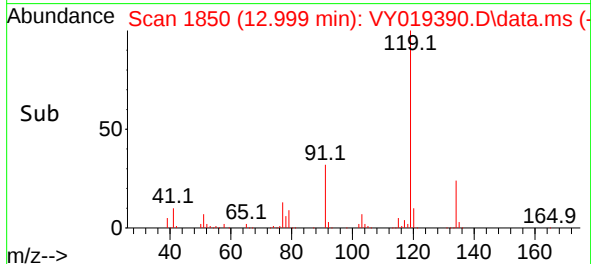
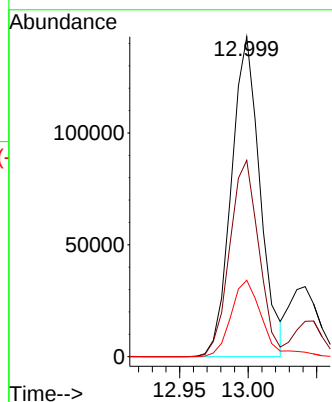
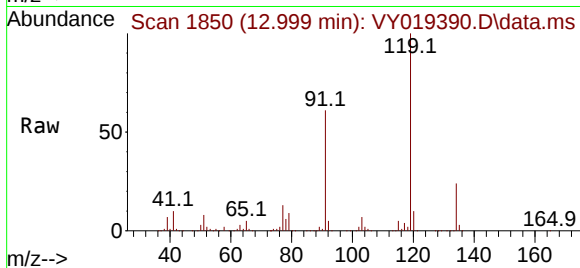
Tgt Ion:119 Resp: 208573

Ion Ratio Lower Upper

119 100

91 62.5 31.3 93.8

134 26.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.278 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY019390.D

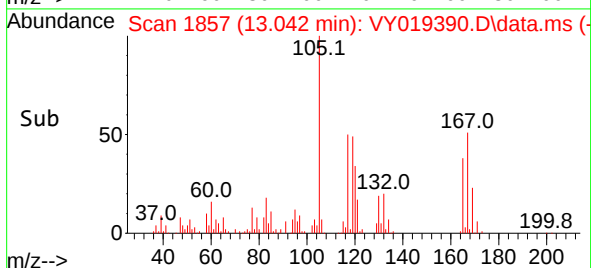
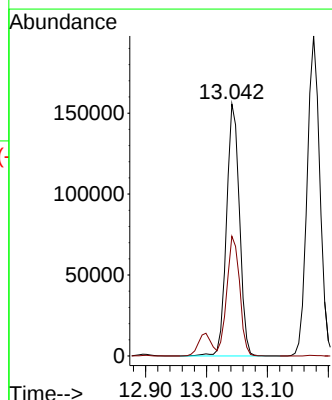
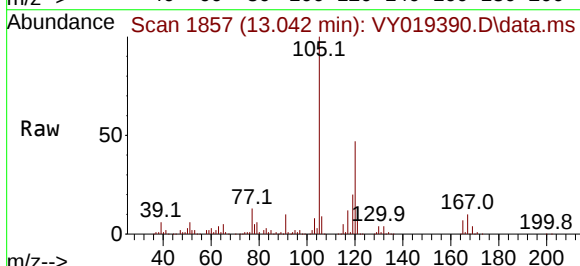
Acq: 30 Aug 2024 12:45

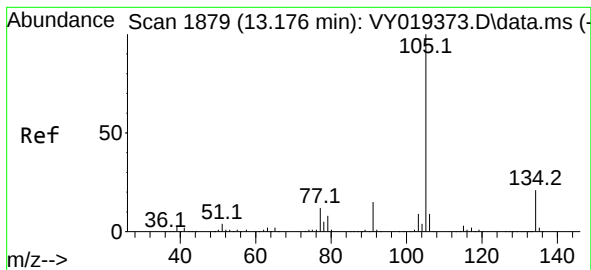
Tgt Ion:105 Resp: 229120

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 47.537 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

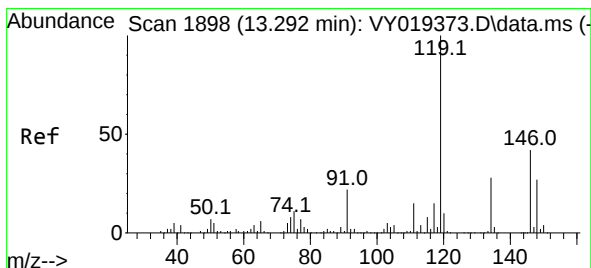
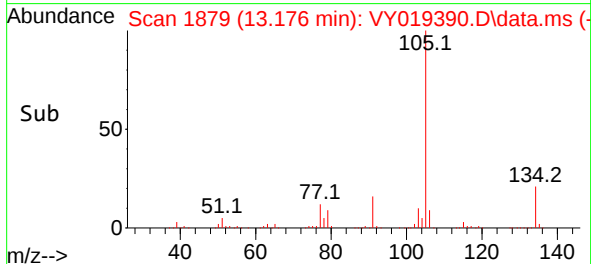
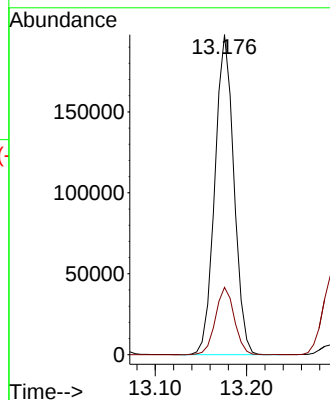
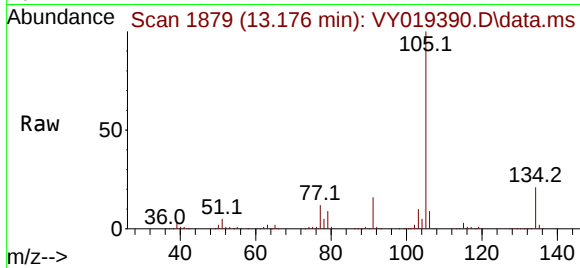
VSTDCCC050

Tgt Ion:105 Resp: 285415

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.801 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

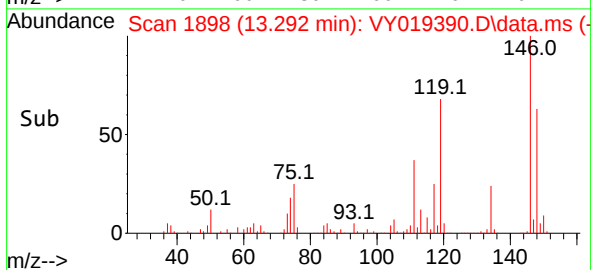
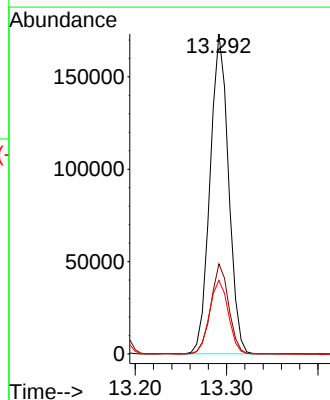
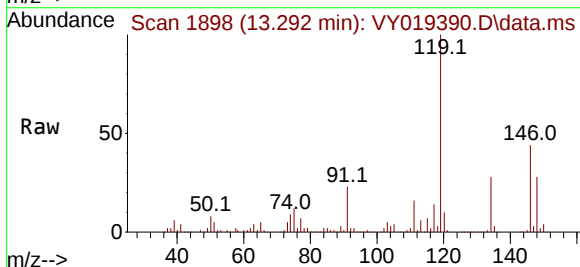
Tgt Ion:119 Resp: 243567

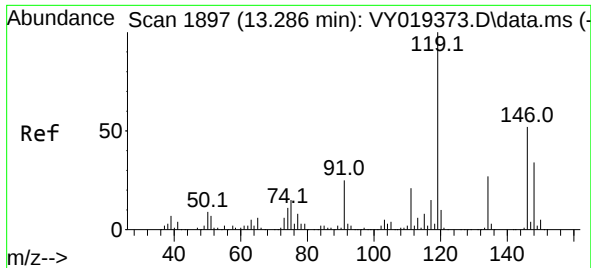
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 23.5 10.7 32.1

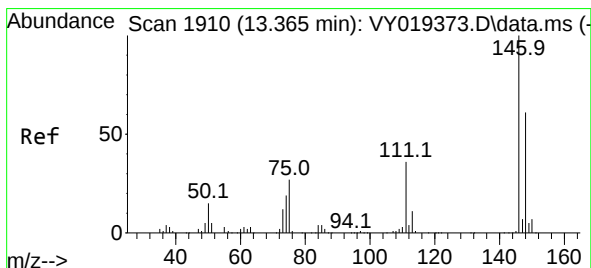
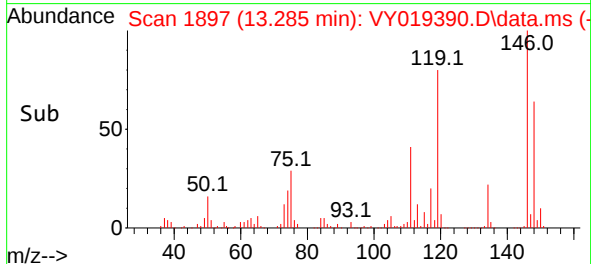
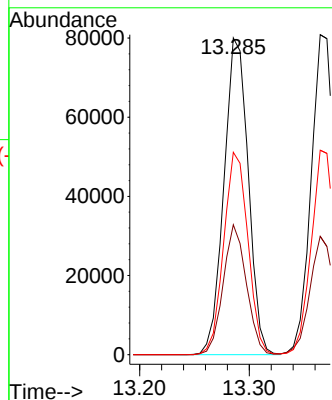
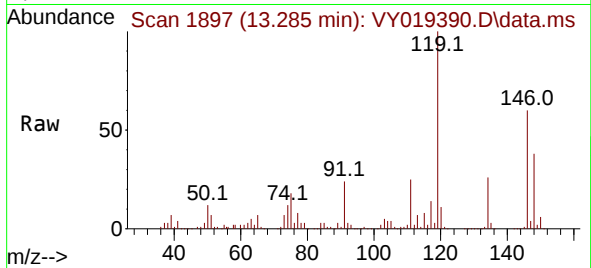




#87
 1,3-Dichlorobenzene
 Concen: 50.097 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY019390.D
 Acq: 30 Aug 2024 12:45

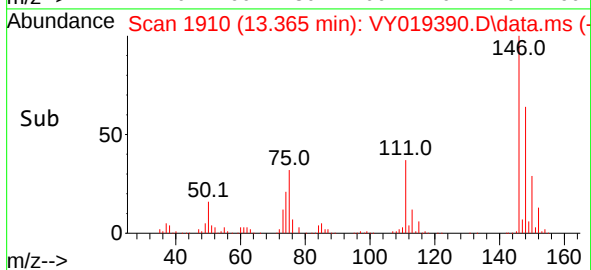
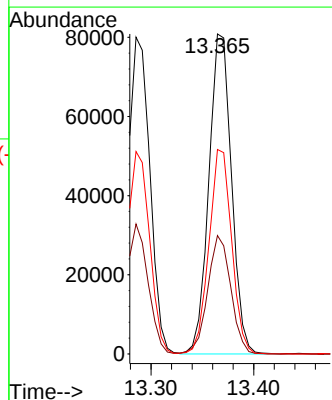
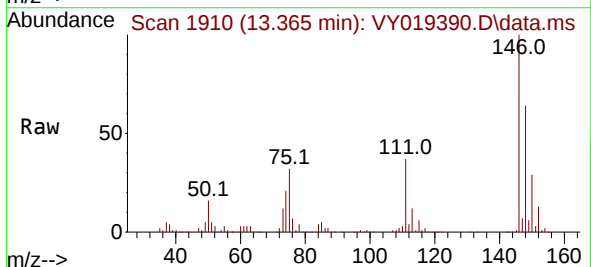
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

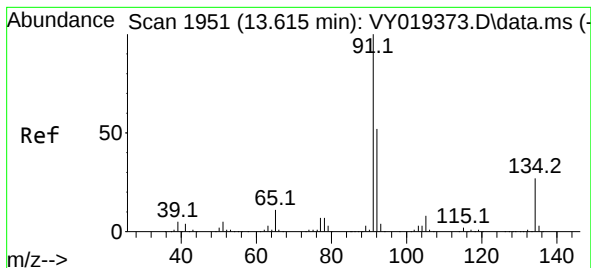
Tgt Ion:146 Resp: 123444
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.0 57.0
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 50.342 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY019390.D
 Acq: 30 Aug 2024 12:45

Tgt Ion:146 Resp: 123773
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.4 55.4
 148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 48.884 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

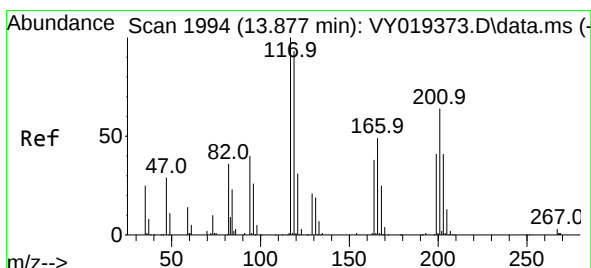
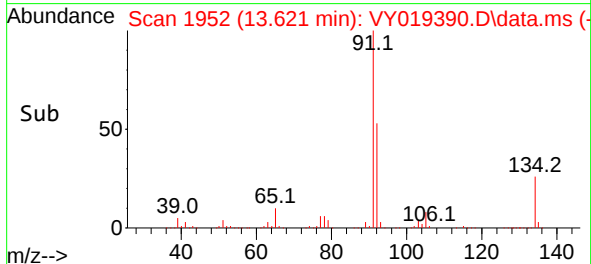
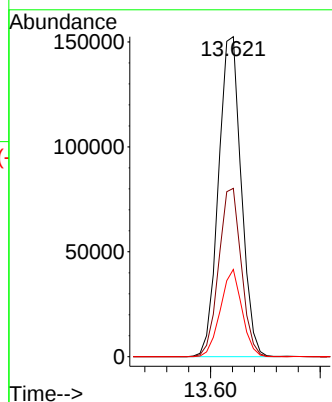
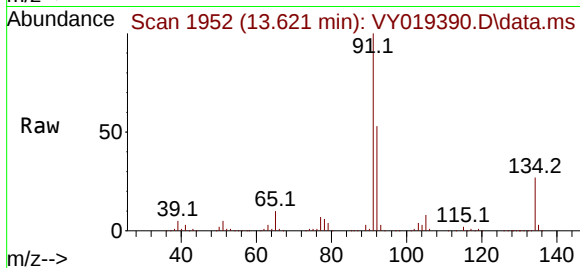
Tgt Ion: 91 Resp: 219671

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 25.8 12.9 38.7



#90

Hexachloroethane

Concen: 51.011 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019390.D

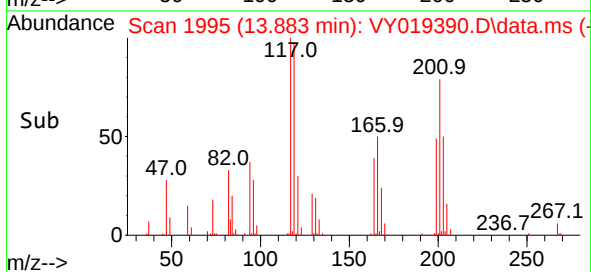
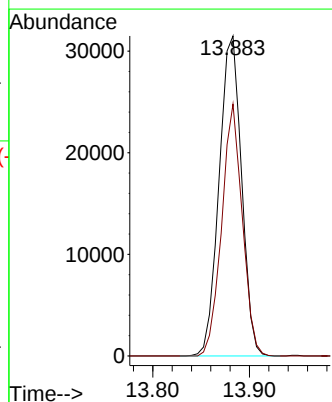
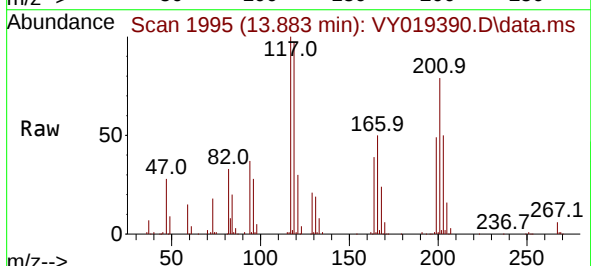
Acq: 30 Aug 2024 12:45

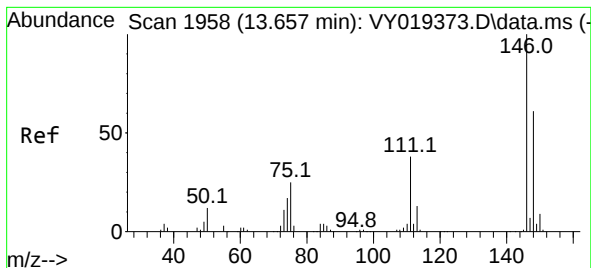
Tgt Ion: 117 Resp: 50575

Ion Ratio Lower Upper

117 100

201 72.3 37.4 112.2

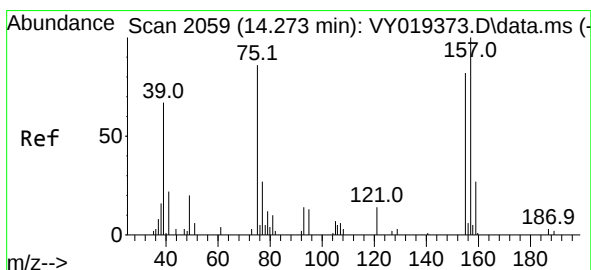
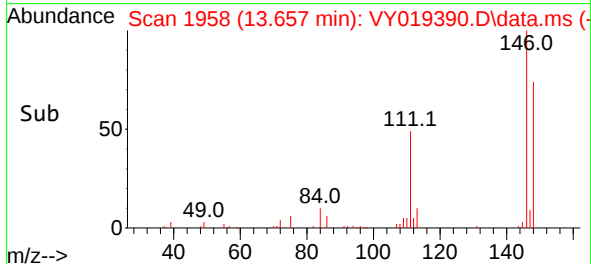
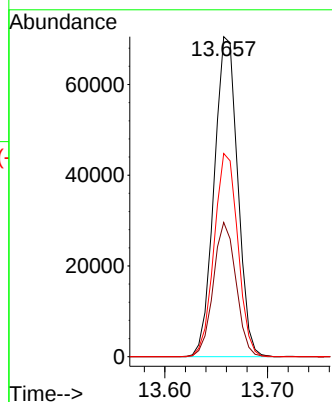
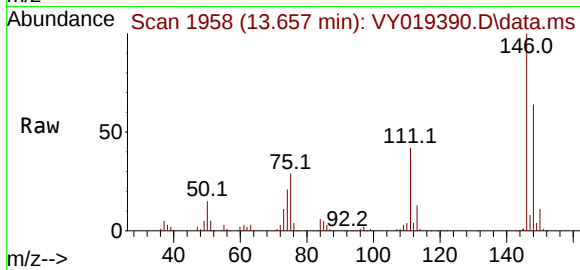




#91
1,2-Dichlorobenzene
Concen: 51.488 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

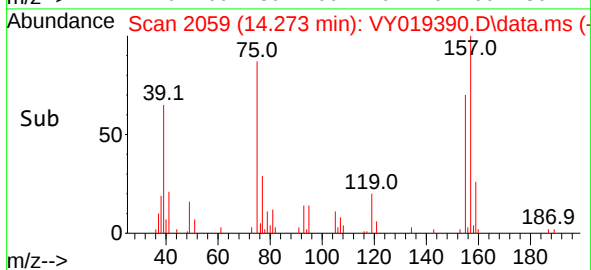
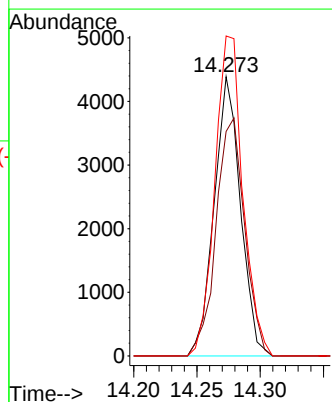
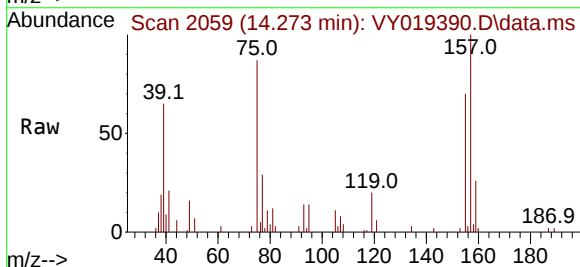
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

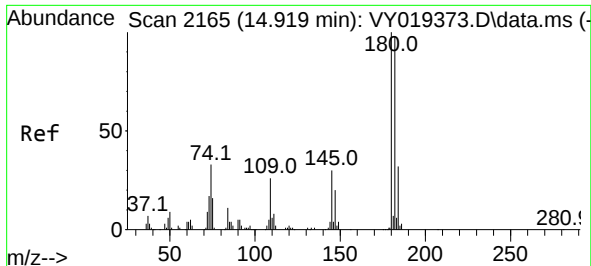
Tgt Ion:146 Resp: 111979
Ion Ratio Lower Upper
146 100
111 40.5 19.9 59.7
148 64.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.685 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion: 75 Resp: 6337
Ion Ratio Lower Upper
75 100
155 92.7 48.6 145.8
157 122.0 62.7 188.2

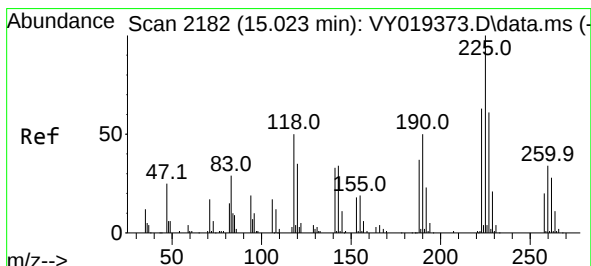
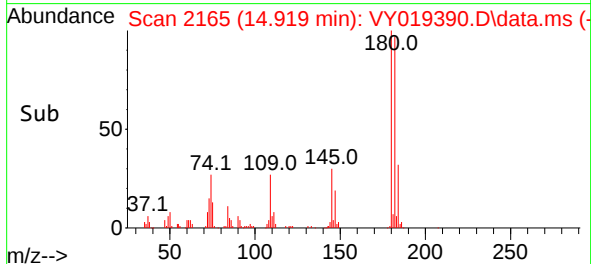
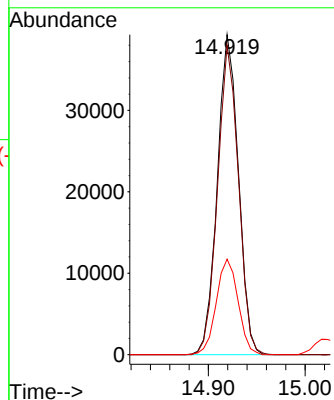
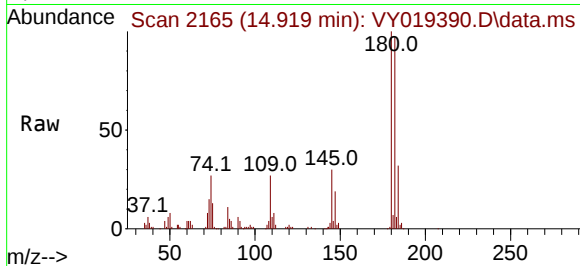




#93
1,2,4-Trichlorobenzene
Concen: 53.413 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

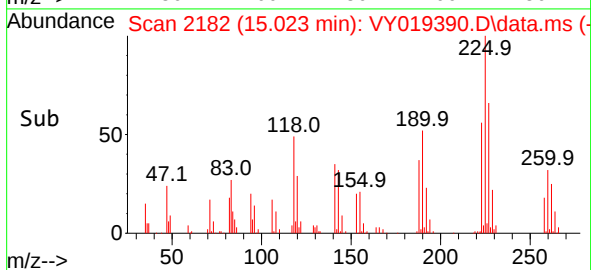
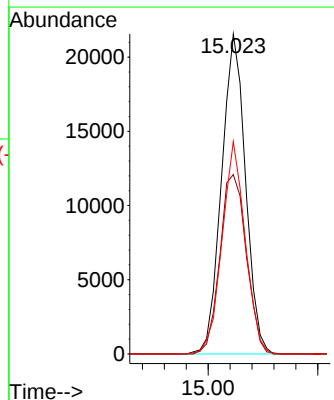
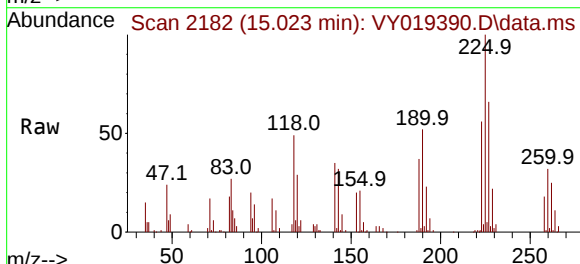
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

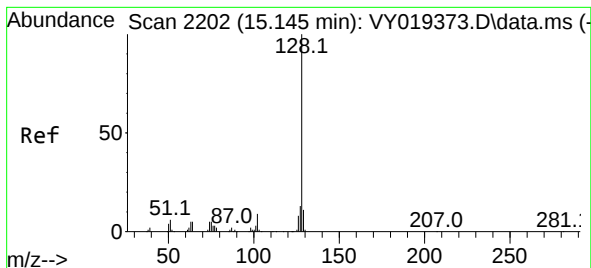
Tgt Ion:180	Resp:	59687
Ion Ratio	Lower	Upper
180	100	
182	95.3	47.9 143.8
145	30.8	14.2 42.6



#94
Hexachlorobutadiene
Concen: 39.083 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY019390.D
Acq: 30 Aug 2024 12:45

Tgt Ion:225	Resp:	32663
Ion Ratio	Lower	Upper
225	100	
223	62.0	30.4 91.2
227	64.4	31.9 95.9





#95

Naphthalene

Concen: 58.037 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

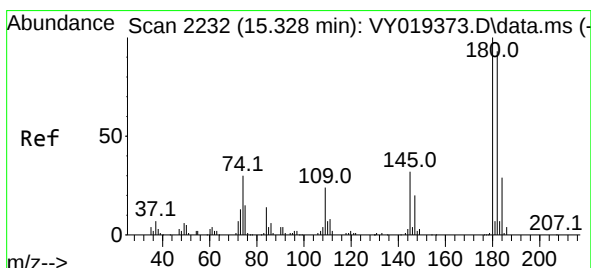
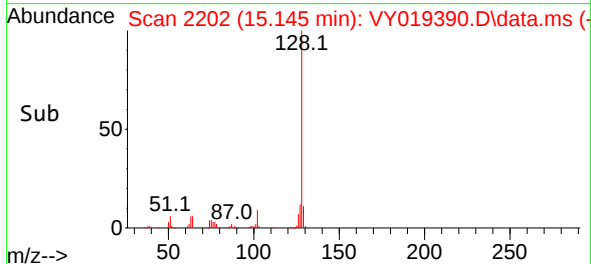
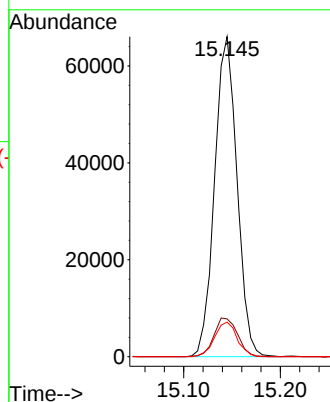
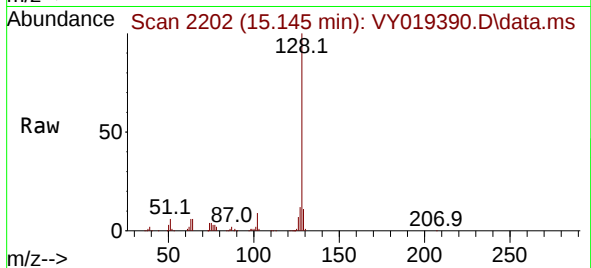
Tgt Ion:128 Resp: 106192

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.976 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY019390.D

Acq: 30 Aug 2024 12:45

Tgt Ion:180 Resp: 53518

Ion Ratio Lower Upper

180 100

182 92.5 47.6 142.9

145 31.6 15.4 46.1

