

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020645.D
 Acq On : 19 Dec 2024 09:43
 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: Dec 20 00:45:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	206000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	308825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	266753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	146371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	117960	52.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.560%	
35) Dibromofluoromethane	7.634	113	122865	56.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.900%	
50) Toluene-d8	10.103	98	426408	55.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.940%	
62) 4-Bromofluorobenzene	12.408	95	159346	53.472	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 106.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	133894	52.037	ug/l	98
3) Chloromethane	2.068	50	89931	47.172	ug/l	99
4) Vinyl Chloride	2.202	62	86336	48.655	ug/l	100
5) Bromomethane	2.598	94	53050	46.509	ug/l	99
6) Chloroethane	2.733	64	51312	46.795	ug/l	99
7) Trichlorofluoromethane	3.062	101	187636	50.536	ug/l	99
8) Diethyl Ether	3.452	74	68568	52.658	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	148014	55.617	ug/l	99
10) Methyl Iodide	4.007	142	167021	56.369	ug/l	97
11) Tert butyl alcohol	4.860	59	54368	225.962	ug/l #	91
12) 1,1-Dichloroethene	3.793	96	139823	54.148	ug/l	96
13) Acrolein	3.653	56	17954	168.296	ug/l	96
14) Allyl chloride	4.385	41	232338	51.348	ug/l	98
15) Acrylonitrile	5.055	53	170856	274.269	ug/l	99
16) Acetone	3.873	43	111898	249.644	ug/l	96
17) Carbon Disulfide	4.104	76	457151	54.388	ug/l	100
18) Methyl Acetate	4.385	43	78056	50.850	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	375333	56.315	ug/l	97
20) Methylene Chloride	4.616	84	144922	51.663	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	162132	55.973	ug/l	99
22) Diisopropyl ether	6.019	45	496112	54.016	ug/l	96
23) Vinyl Acetate	5.958	43	1420555	273.086	ug/l	98
24) 1,1-Dichloroethane	5.915	63	298067	55.396	ug/l	99
25) 2-Butanone	6.890	43	211202	251.894	ug/l	99
26) 2,2-Dichloropropane	6.884	77	264836	52.067	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	184657	55.409	ug/l	97
28) Bromochloromethane	7.244	49	101052	55.679	ug/l	96
29) Tetrahydrofuran	7.262	42	143510	271.132	ug/l	97
30) Chloroform	7.421	83	292213	54.569	ug/l	100
31) Cyclohexane	7.701	56	268423	52.174	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	274460	55.522	ug/l	99
36) 1,1-Dichloropropene	7.835	75	225884	56.915	ug/l	99
37) Ethyl Acetate	6.982	43	100446	53.805	ug/l	99
38) Carbon Tetrachloride	7.817	117	252799	57.572	ug/l	98
39) Methylcyclohexane	9.109	83	287808	55.640	ug/l	99
40) Benzene	8.079	78	650927	55.955	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	51462	52.143	ug/l	94
42) 1,2-Dichloroethane	8.158	62	168914	54.747	ug/l	99
43) Isopropyl Acetate	8.195	43	195375	55.280	ug/l #	88
44) Trichloroethene	8.866	130	164213	57.447	ug/l	99
45) 1,2-Dichloropropane	9.140	63	151671	55.786	ug/l	96
46) Dibromomethane	9.231	93	80300	55.885	ug/l	97
47) Bromodichloromethane	9.420	83	217355	56.001	ug/l	98
48) Methyl methacrylate	9.219	41	93111	55.418	ug/l	97
49) 1,4-Dioxane	9.225	88	19191	1164.626	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	502739	269.490	ug/l	98
52) Toluene	10.170	92	407430	56.356	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	207340	57.330	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	241551	56.364	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	108487	57.107	ug/l	97
56) Ethyl methacrylate	10.439	69	162282	58.883	ug/l	94
57) 1,3-Dichloropropane	10.713	76	192310	56.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	330296	284.827	ug/l	98
59) 2-Hexanone	10.762	43	332124	277.291	ug/l	96
60) Dibromochloromethane	10.908	129	145879	57.418	ug/l	99
61) 1,2-Dibromoethane	11.012	107	100336	56.781	ug/l	100
64) Tetrachloroethene	10.646	164	143419	57.159	ug/l	95
65) Chlorobenzene	11.438	112	427986	57.381	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	147222	57.723	ug/l	98
67) Ethyl Benzene	11.518	91	781876	56.821	ug/l	99
68) m/p-Xylenes	11.627	106	585329	114.405	ug/l	100
69) o-Xylene	11.950	106	274190	57.438	ug/l	99
70) Styrene	11.969	104	462869	58.035	ug/l	99
71) Bromoform	12.133	173	84075	58.631	ug/l #	100
73) Isopropylbenzene	12.255	105	736909	57.692	ug/l	100
74) N-amyl acetate	12.072	43	169942	56.850	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	122009	58.846	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	160371	105.472	ug/l #	100
77) Bromobenzene	12.530	156	160597	57.720	ug/l	98
78) n-propylbenzene	12.597	91	875016	56.859	ug/l	99
79) 2-Chlorotoluene	12.682	91	495724	57.255	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	587819	56.716	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	45189	62.383	ug/l	97
82) 4-Chlorotoluene	12.780	91	507510	56.500	ug/l	99
83) tert-Butylbenzene	12.999	119	535639	57.066	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	580706	57.121	ug/l	98
85) sec-Butylbenzene	13.176	105	765369	56.081	ug/l	100
86) p-Isopropyltoluene	13.292	119	641459	57.008	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	311630	56.738	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	303316	55.759	ug/l	99
89) n-Butylbenzene	13.621	91	600466	56.308	ug/l	99
90) Hexachloroethane	13.883	117	126128	56.563	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	268348	56.390	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	18918	56.200	ug/l	96
93) 1,2,4-Trichlorobenzene	14.926	180	161670	56.165	ug/l	99
94) Hexachlorobutadiene	15.029	225	104328	55.442	ug/l	99
95) Naphthalene	15.145	128	288782	58.518	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	136737	56.223	ug/l	100

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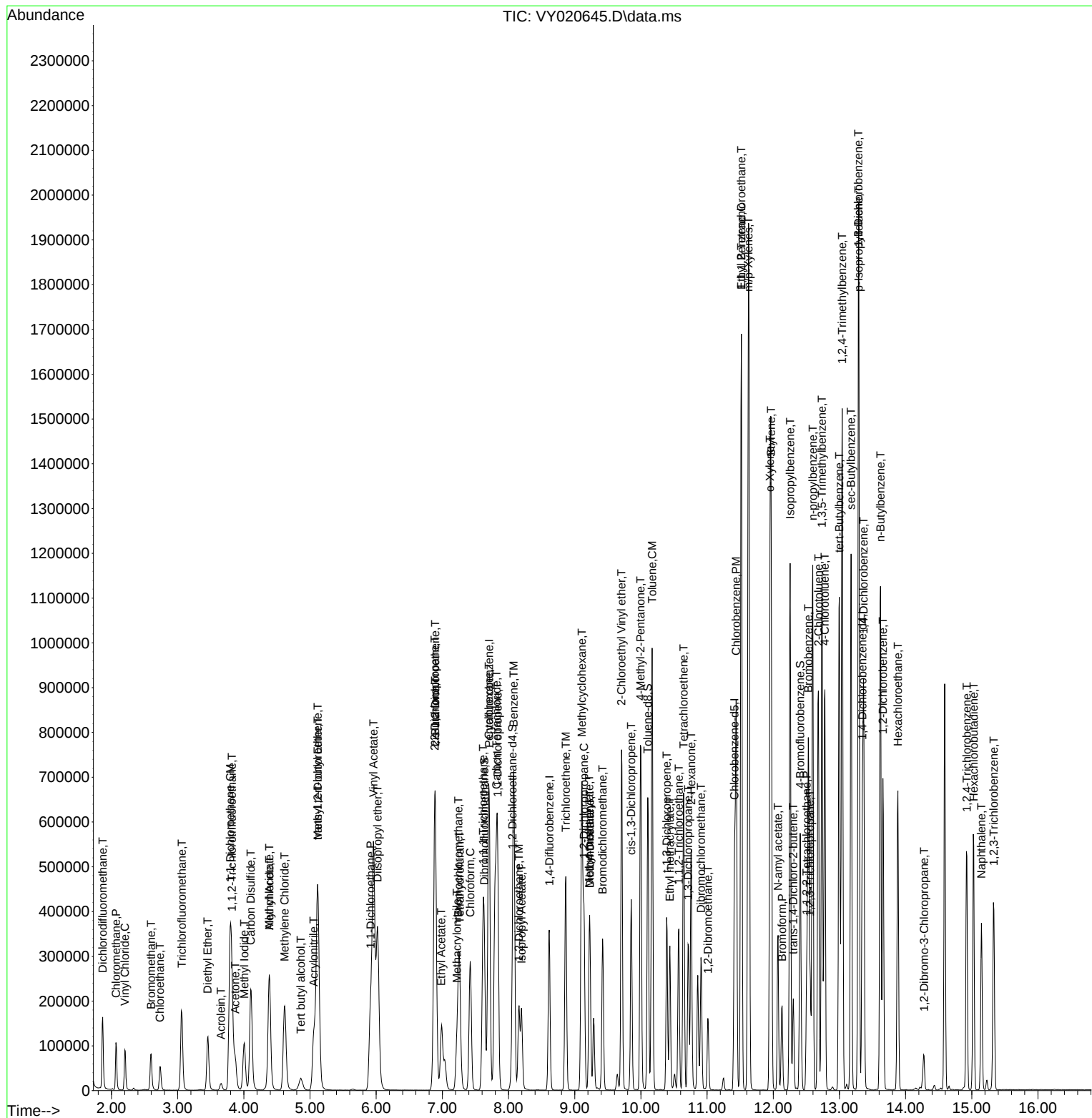
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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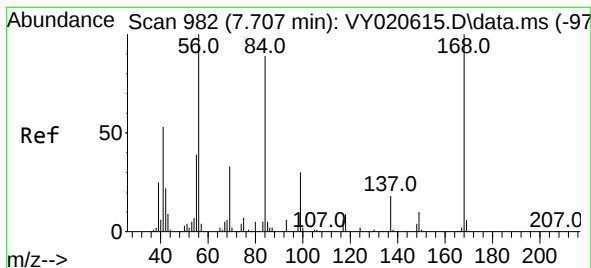
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

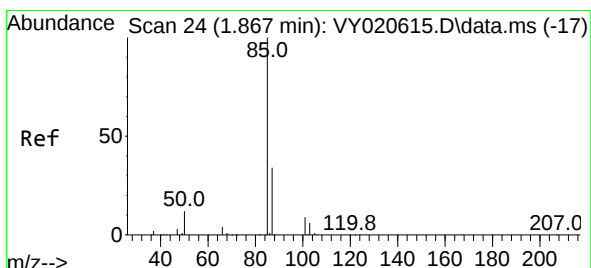
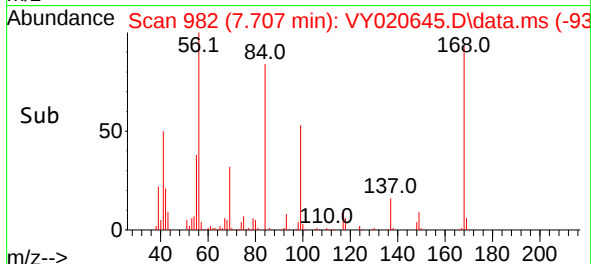
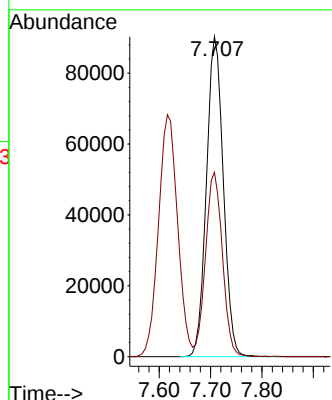
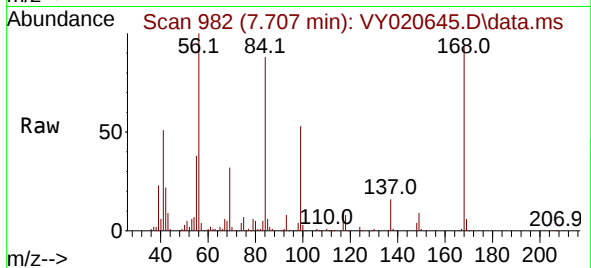
VSTDCCC050

Tgt Ion:168 Resp: 206000

Ion Ratio Lower Upper

168 100

99 57.6 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 52.037 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY020645.D

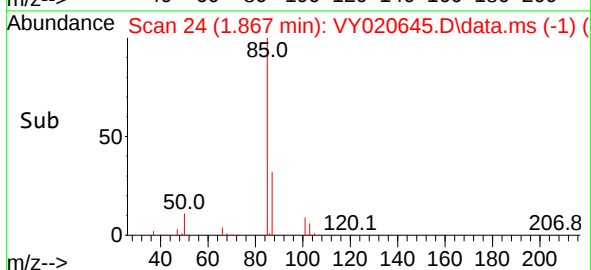
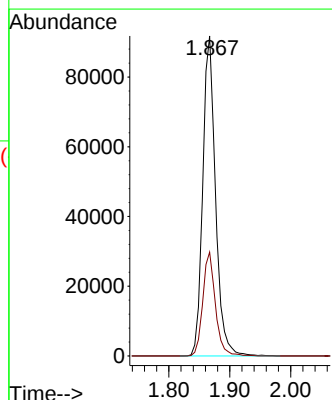
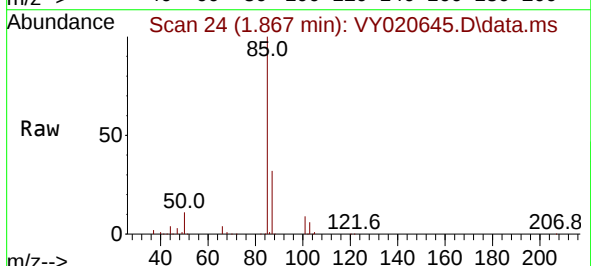
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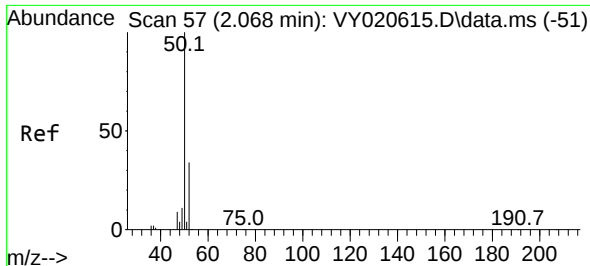
Tgt Ion: 85 Resp: 133894

Ion Ratio Lower Upper

85 100

87 32.5 16.8 50.3

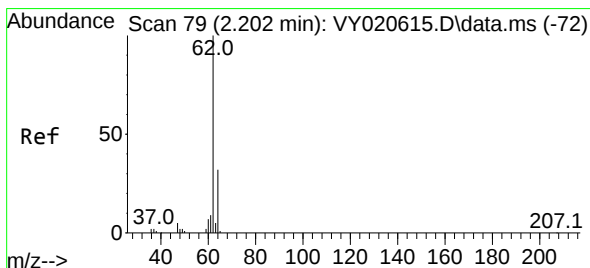
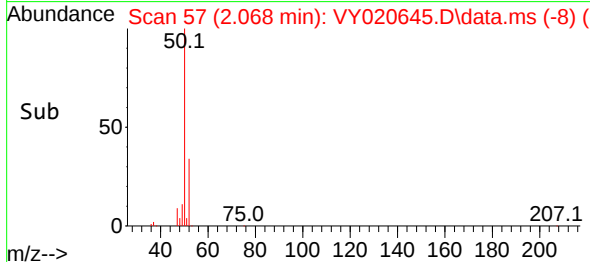
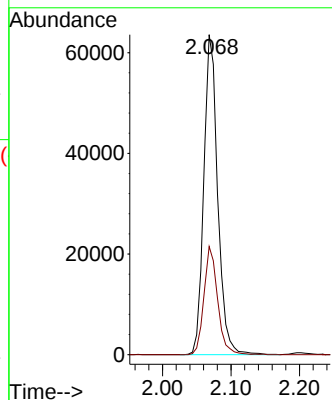
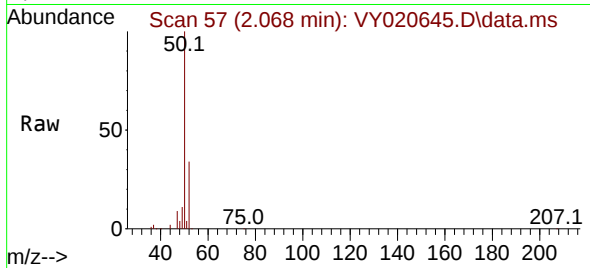




#3
Chloromethane
Concen: 47.172 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

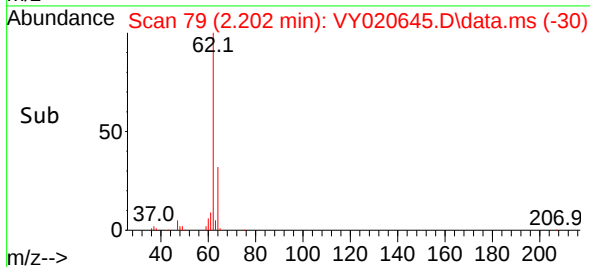
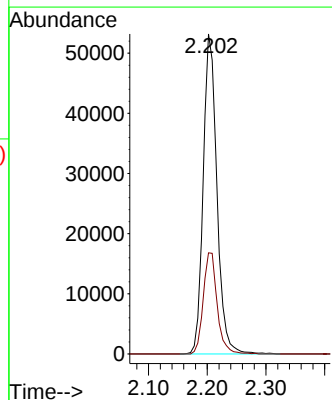
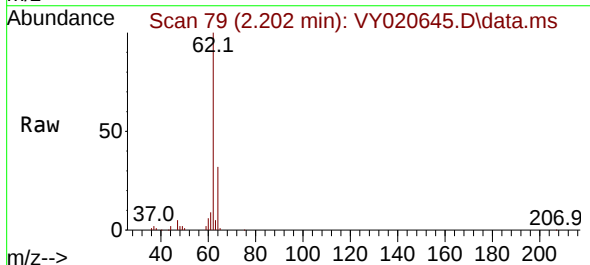
Instrument :
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ClientSampleId :
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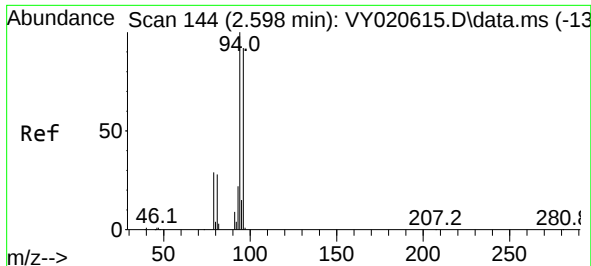
Tgt Ion: 50 Resp: 89931
Ion Ratio Lower Upper
50 100
52 33.8 26.8 40.2



#4
Vinyl Chloride
Concen: 48.655 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 62 Resp: 86336
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9

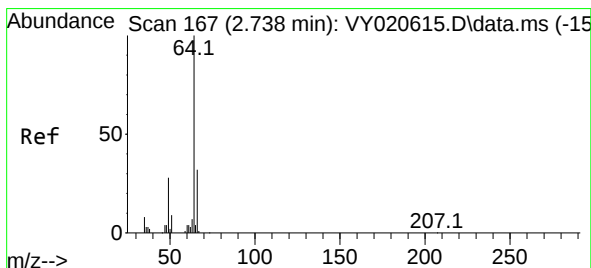
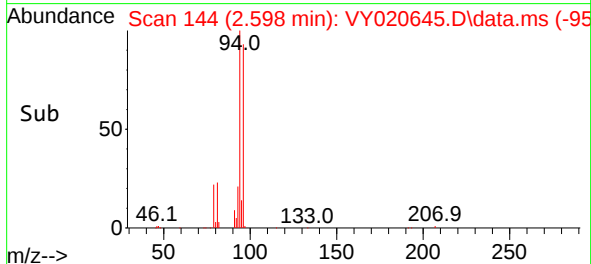
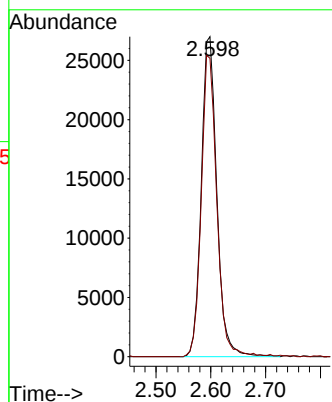
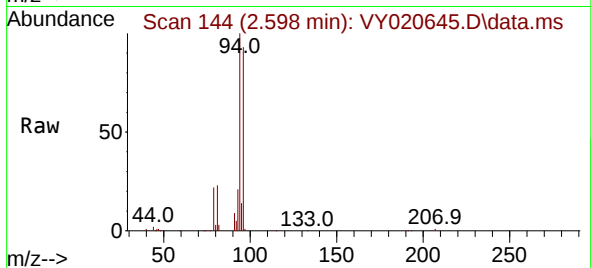




#5
Bromomethane
Concen: 46.509 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020645.D
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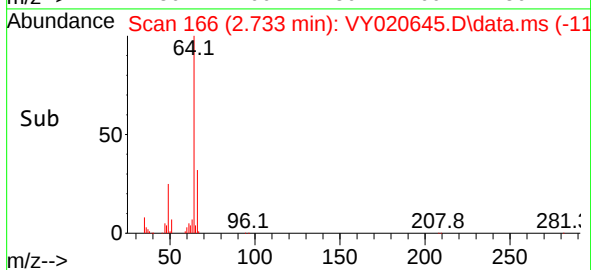
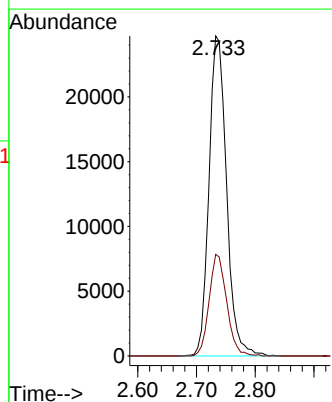
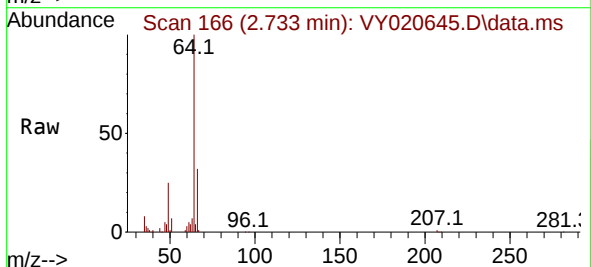
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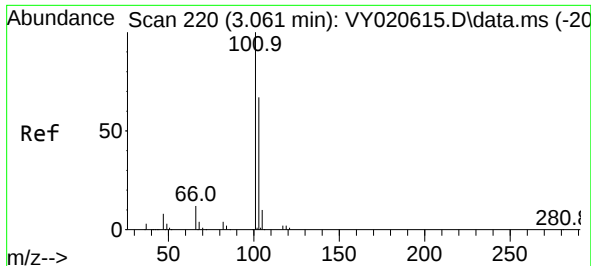
Tgt Ion: 94 Resp: 53050
Ion Ratio Lower Upper
94 100
96 93.3 73.8 110.6



#6
Chloroethane
Concen: 46.795 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 64 Resp: 51312
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.6

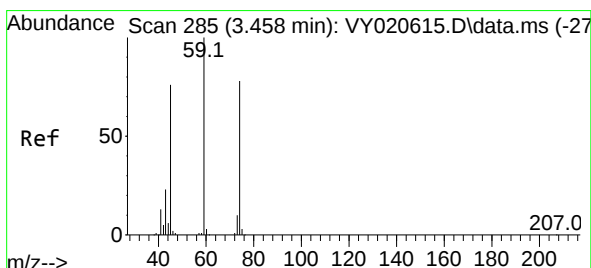
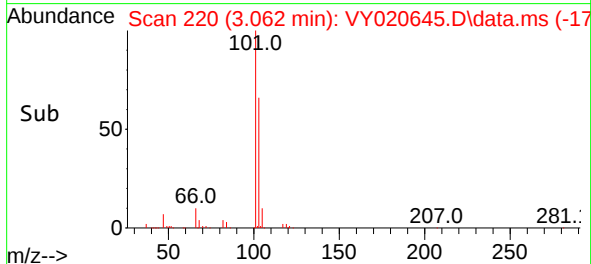
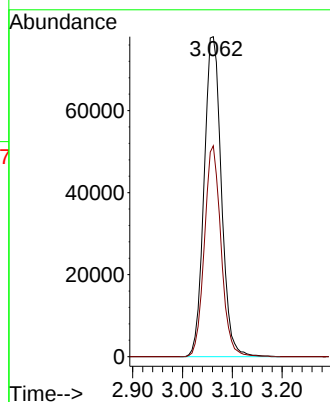
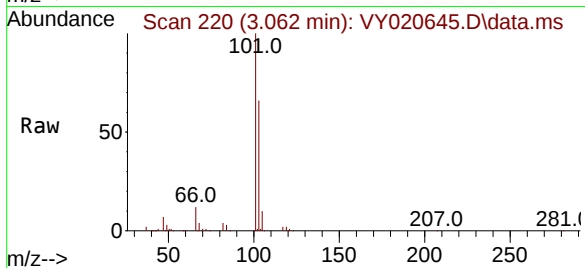




#7
 Trichlorofluoromethane
 Concen: 50.536 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020645.D
 Acq: 19 Dec 2024 09:43

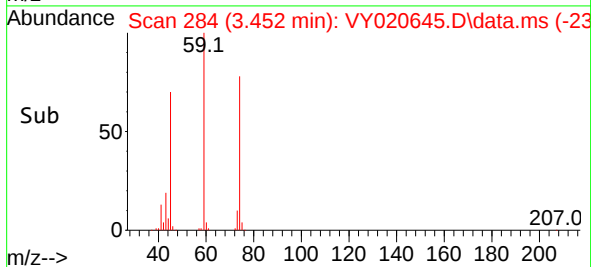
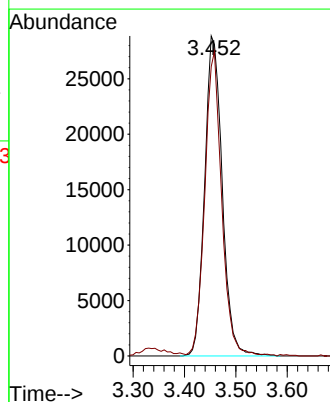
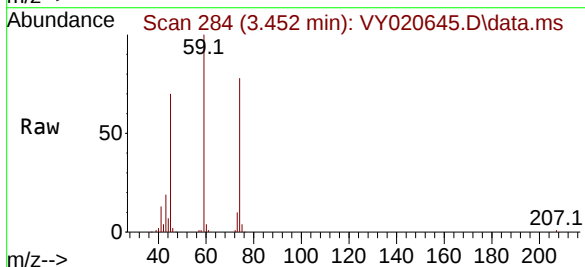
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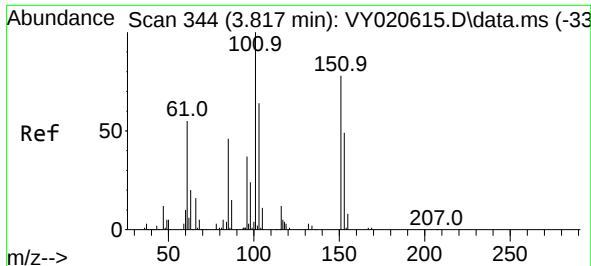
Tgt Ion:101 Resp: 187636
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.4 80.0



#8
 Diethyl Ether
 Concen: 52.658 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY020645.D
 Acq: 19 Dec 2024 09:43

Tgt Ion: 74 Resp: 68568
 Ion Ratio Lower Upper
 74 100
 45 91.6 49.0 147.2

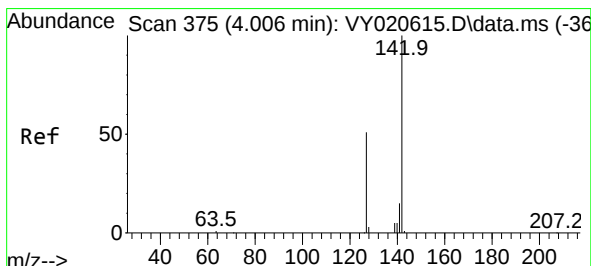
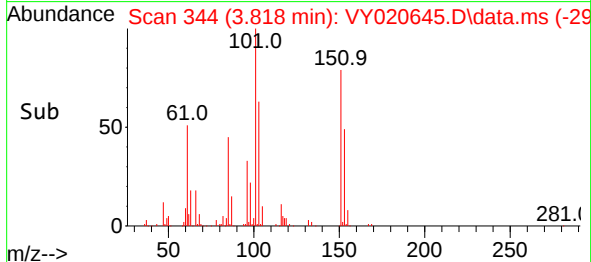
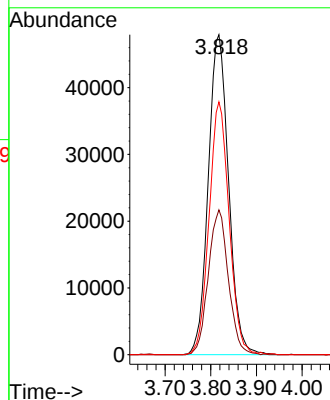
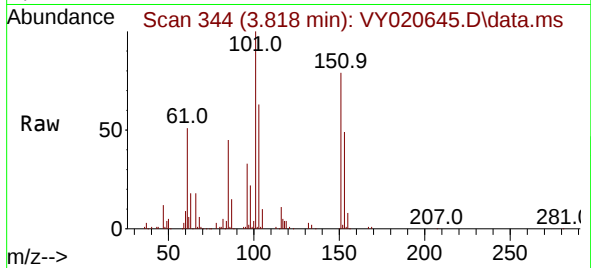




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.617 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

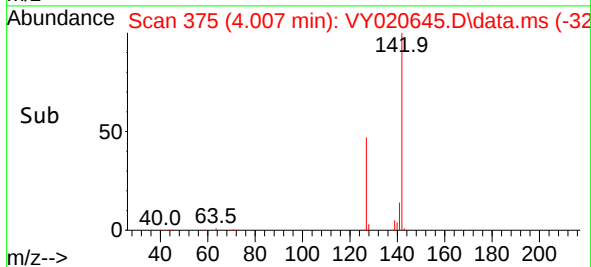
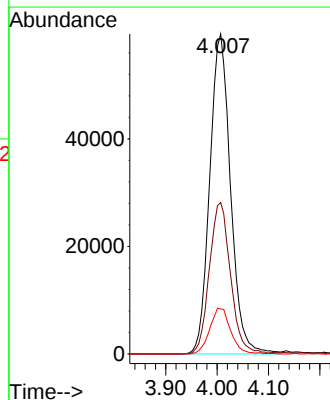
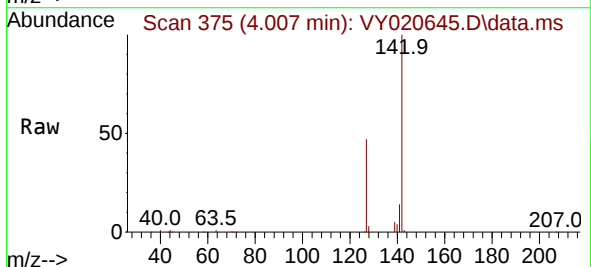
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

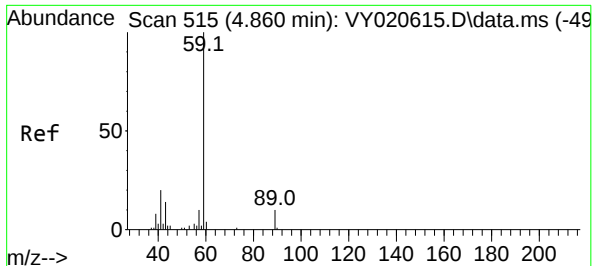
Tgt Ion:101 Resp: 148014
Ion Ratio Lower Upper
101 100
85 44.7 36.6 54.8
151 78.1 61.5 92.3



#10
Methyl Iodide
Concen: 56.369 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion:142 Resp: 167021
Ion Ratio Lower Upper
142 100
127 48.1 40.6 61.0
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 225.962 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

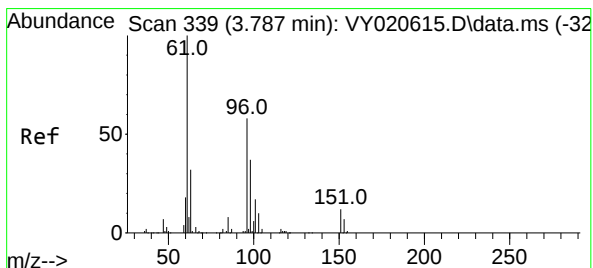
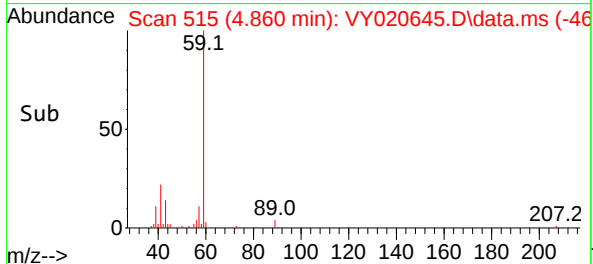
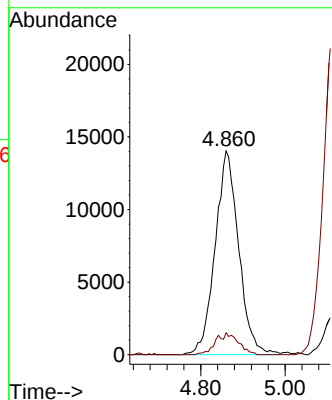
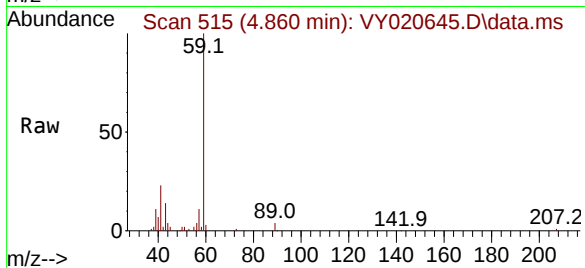
VSTDCCC050

Tgt Ion: 59 Resp: 54368

Ion Ratio Lower Upper

59 100

57 6.1 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 54.148 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

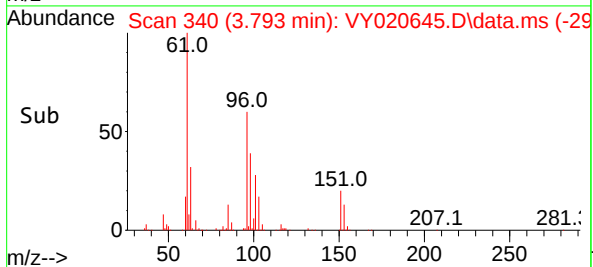
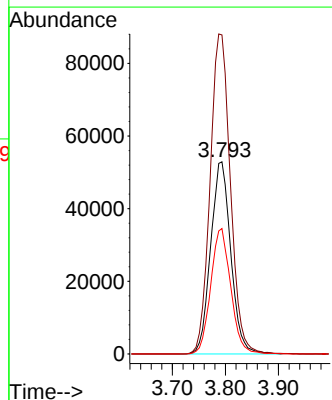
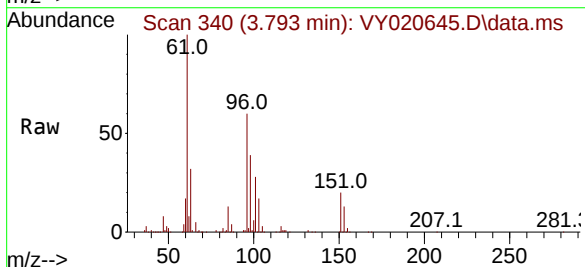
Tgt Ion: 96 Resp: 139823

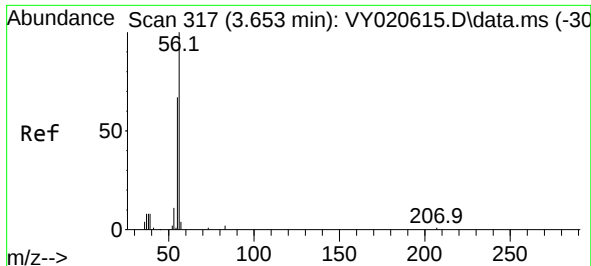
Ion Ratio Lower Upper

96 100

61 166.0 136.9 205.3

98 65.3 50.2 75.4

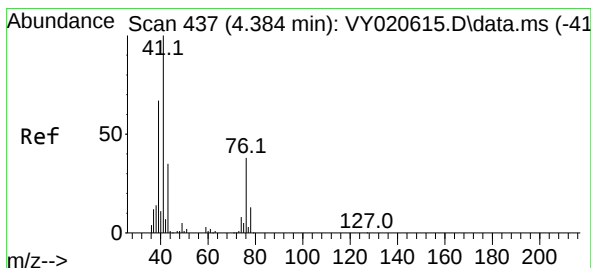
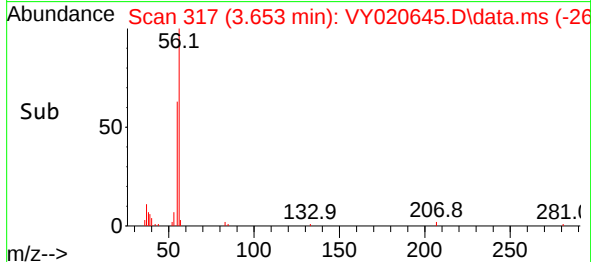
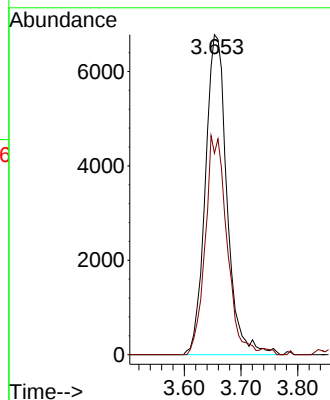
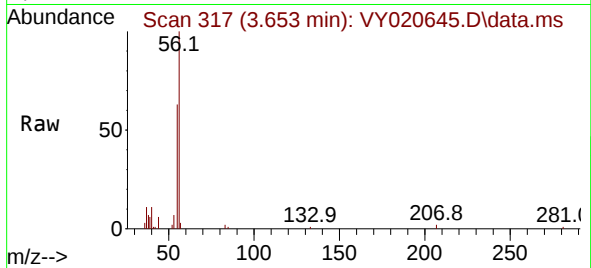




#13
Acrolein
Concen: 168.296 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

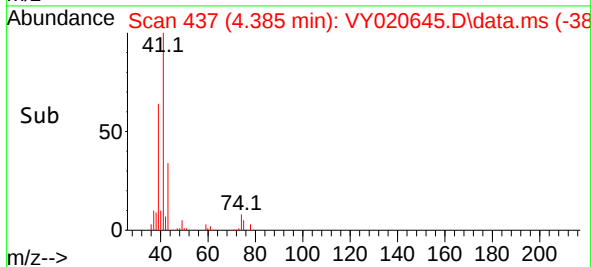
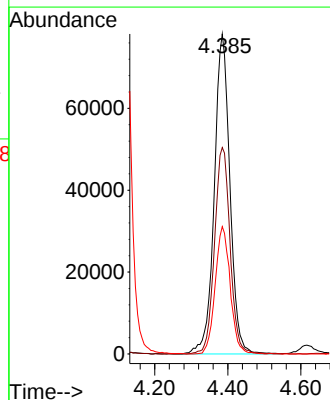
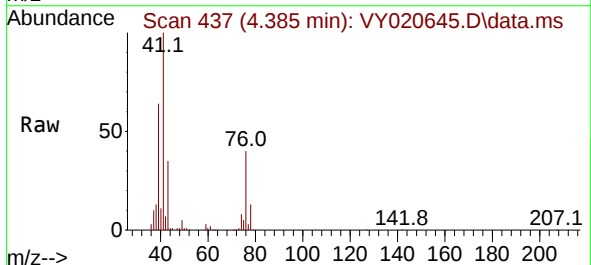
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

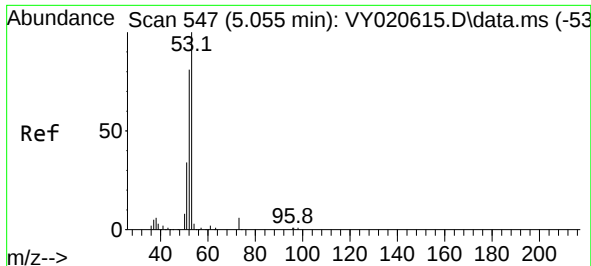
Tgt Ion: 56 Resp: 17954
Ion Ratio Lower Upper
56 100
55 68.6 57.5 86.3



#14
Allyl chloride
Concen: 51.348 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 41 Resp: 232338
Ion Ratio Lower Upper
41 100
39 64.2 53.0 79.4
76 38.2 29.5 44.3





#15

Acrylonitrile

Concen: 274.269 ug/l

RT: 5.055 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

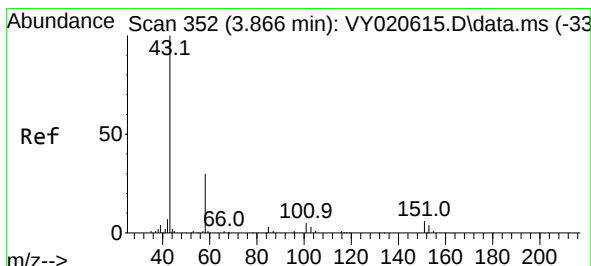
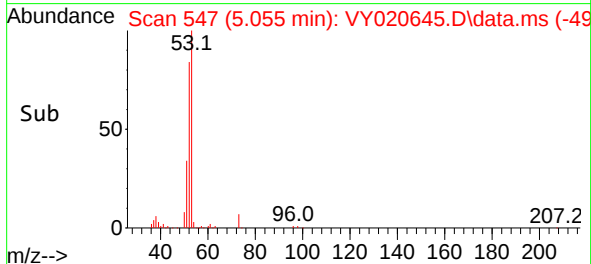
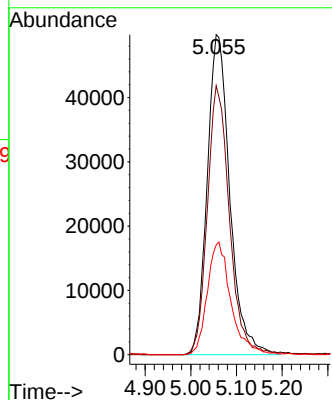
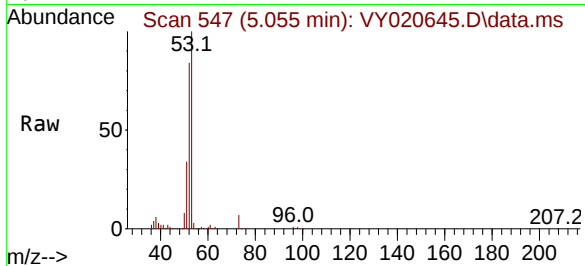
Tgt Ion: 53 Resp: 170856

Ion Ratio Lower Upper

53 100

52 82.3 64.5 96.7

51 36.8 29.4 44.0



#16

Acetone

Concen: 249.644 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.007 min

Lab File: VY020645.D

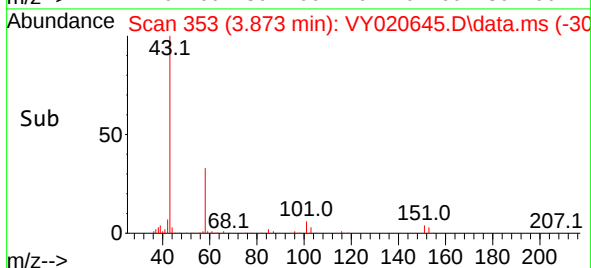
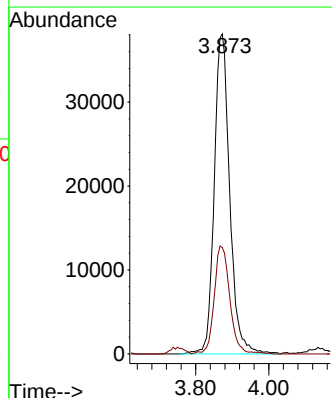
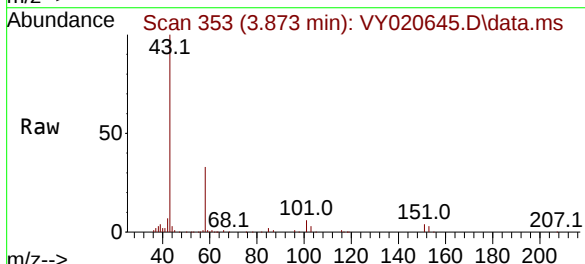
Acq: 19 Dec 2024 09:43

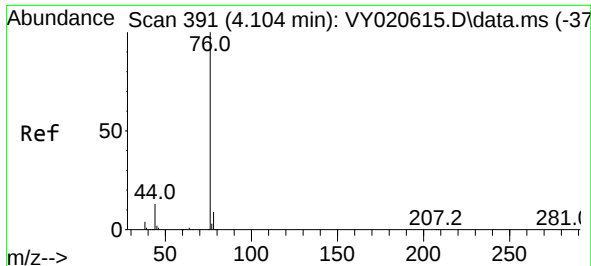
Tgt Ion: 43 Resp: 111898

Ion Ratio Lower Upper

43 100

58 33.3 25.0 37.6

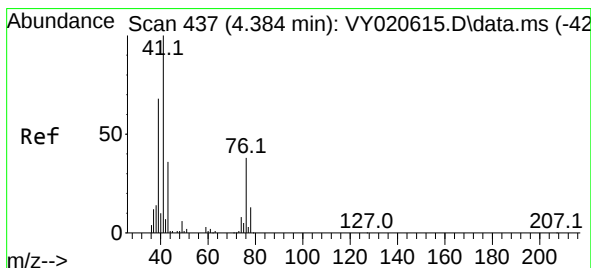
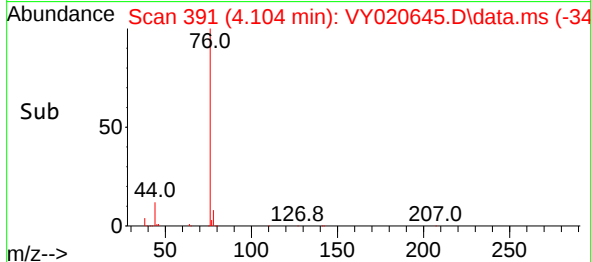
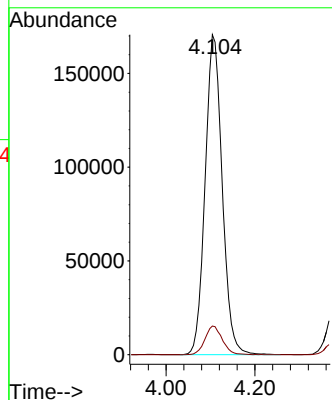
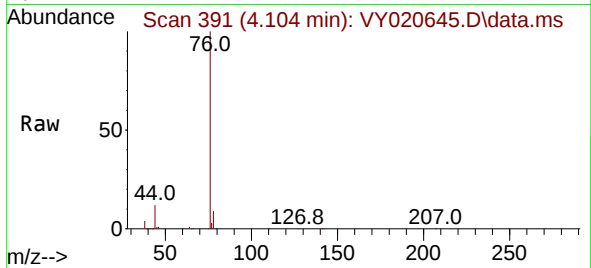




#17
Carbon Disulfide
Concen: 54.388 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

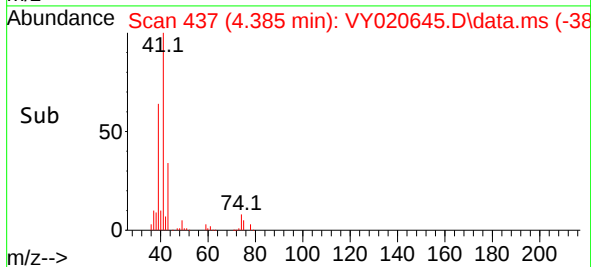
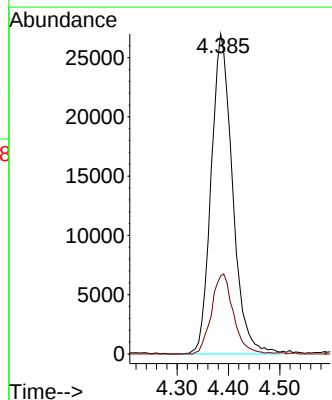
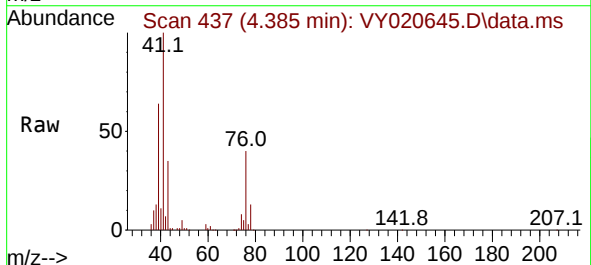
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

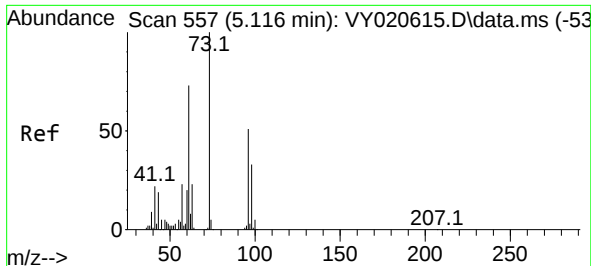
Tgt Ion: 76 Resp: 457151
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 50.850 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 43 Resp: 78056
Ion Ratio Lower Upper
43 100
74 25.6 19.2 28.8

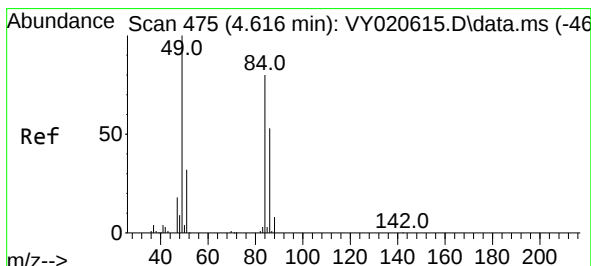
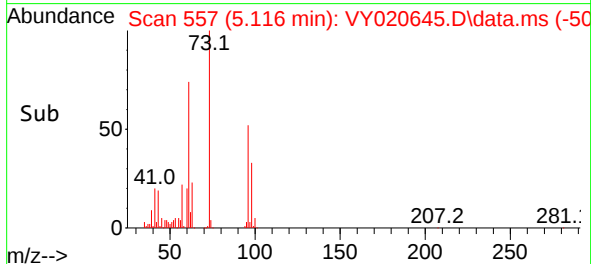
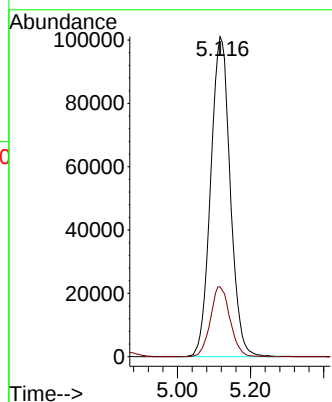
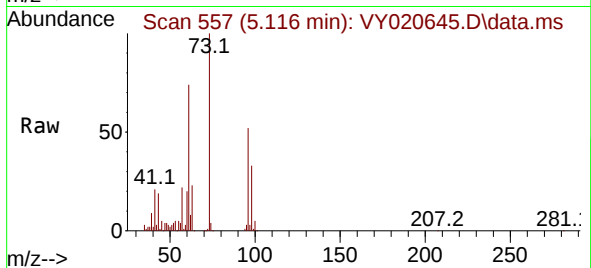




#19
Methyl tert-butyl Ether
Concen: 56.315 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

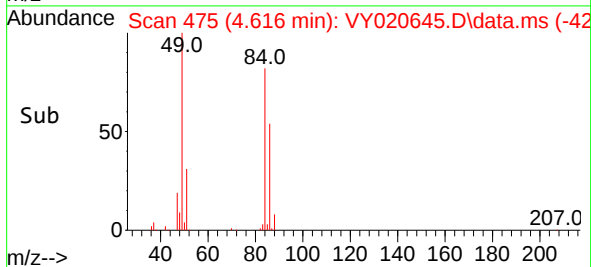
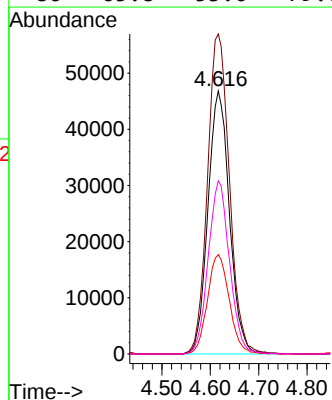
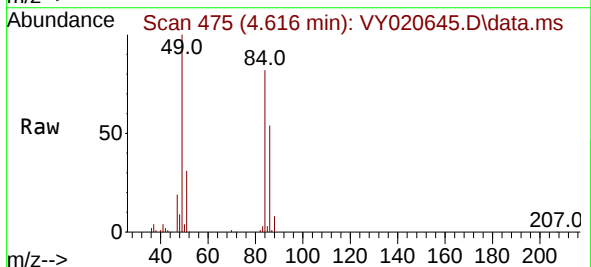
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

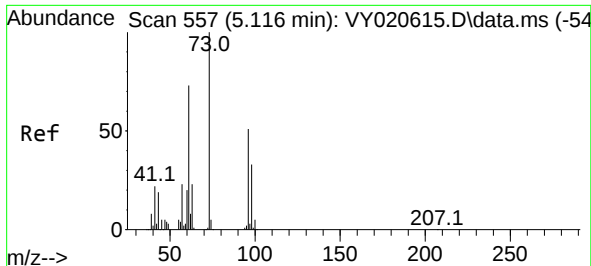
Tgt Ion: 73 Resp: 375333
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7



#20
Methylene Chloride
Concen: 51.663 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 84 Resp: 144922
Ion Ratio Lower Upper
84 100
49 121.7 100.7 151.1
51 37.8 32.2 48.2
86 65.8 53.0 79.6

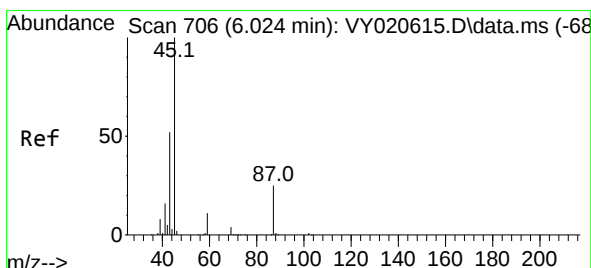
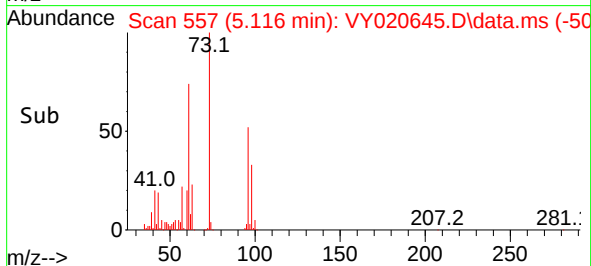
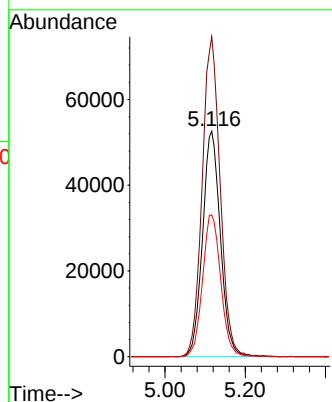
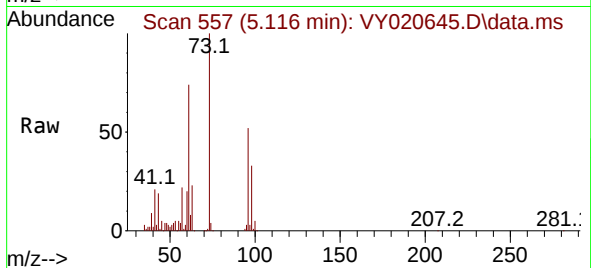




#21
trans-1,2-Dichloroethene
Concen: 55.973 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

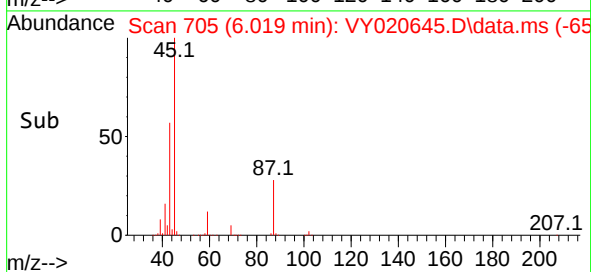
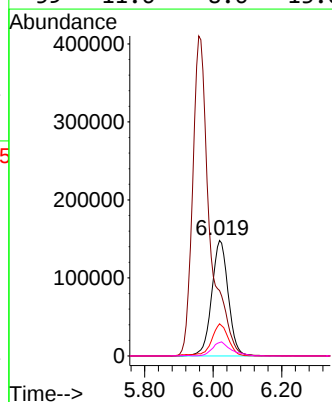
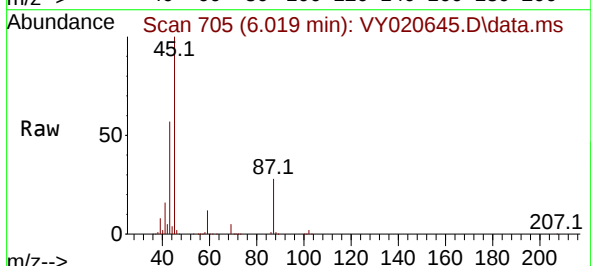
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

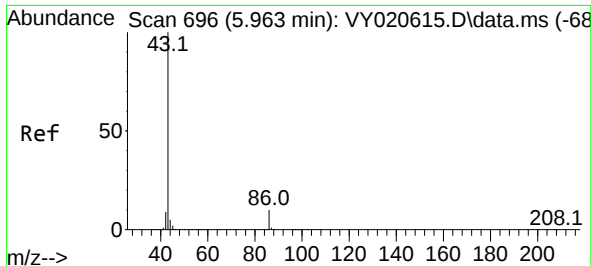
Tgt Ion: 96 Resp: 162132
Ion Ratio Lower Upper
96 100
61 141.9 113.7 170.5
98 62.9 51.7 77.5



#22
Diisopropyl ether
Concen: 54.016 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 45 Resp: 496112
Ion Ratio Lower Upper
45 100
43 56.4 42.6 64.0
87 27.8 20.6 31.0
59 11.6 8.6 13.0

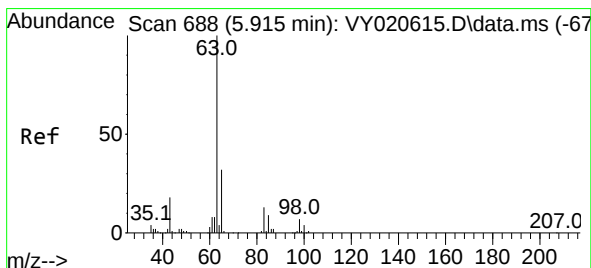
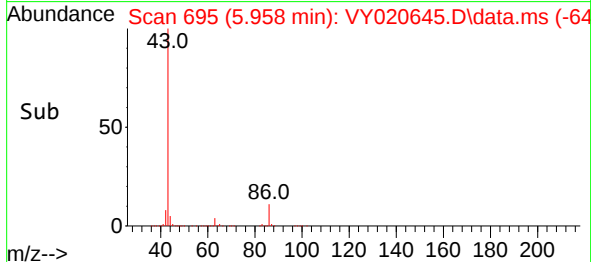
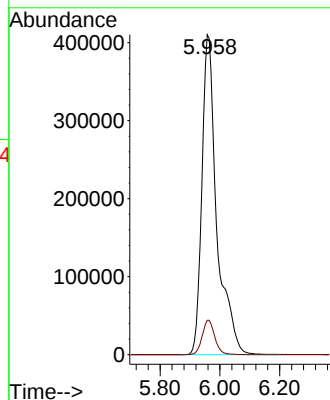
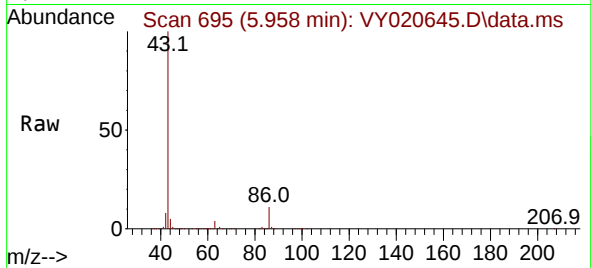




#23
 Vinyl Acetate
 Concen: 273.086 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY020645.D
 Acq: 19 Dec 2024 09:43

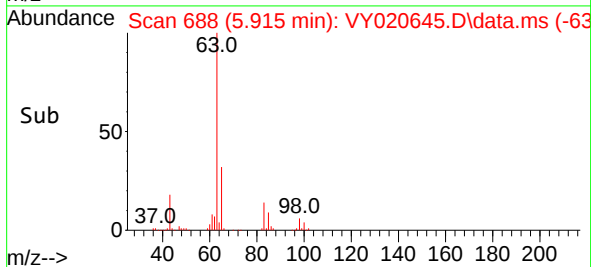
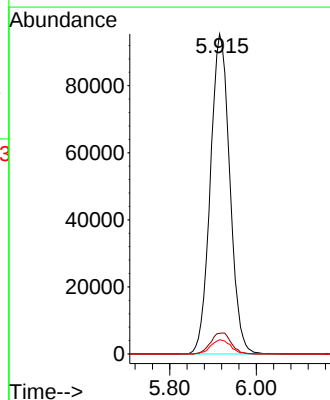
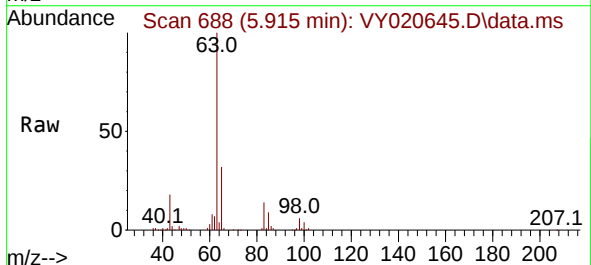
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

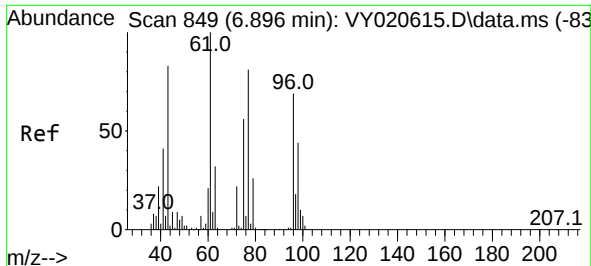
Tgt Ion: 43 Resp: 1420555
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 55.396 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020645.D
 Acq: 19 Dec 2024 09:43

Tgt Ion: 63 Resp: 298067
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.4 2.1 6.5

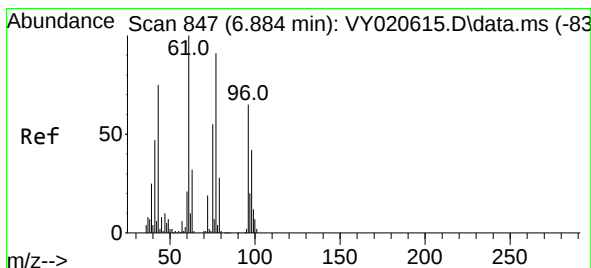
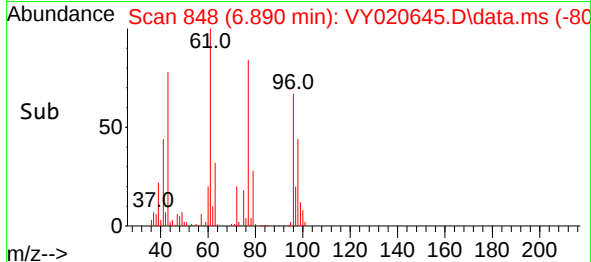
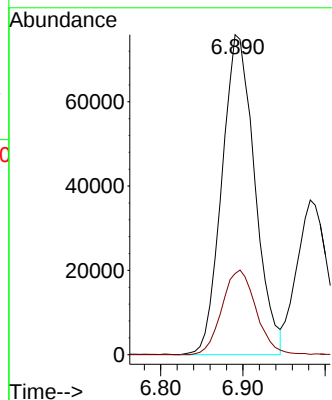
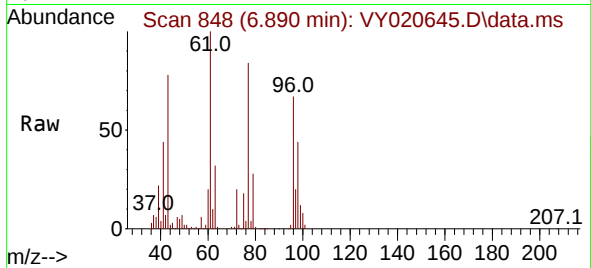




#25
2-Butanone
Concen: 251.894 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

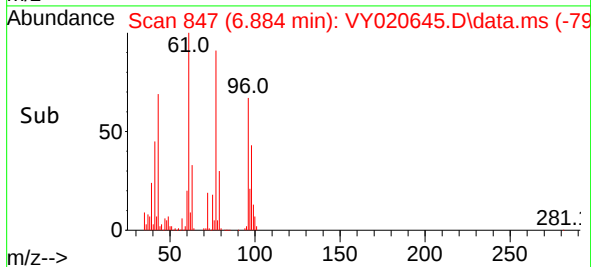
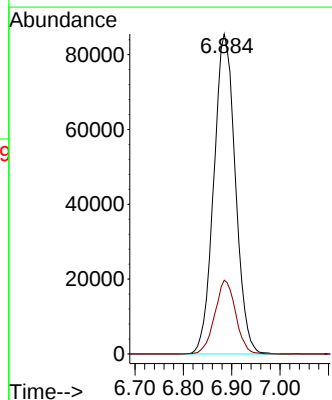
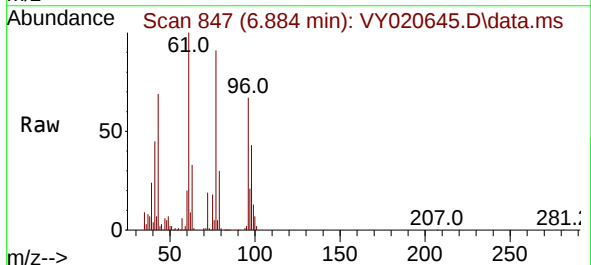
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

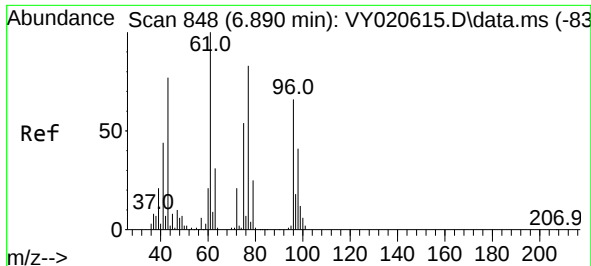
Tgt Ion: 43 Resp: 211202
Ion Ratio Lower Upper
43 100
72 25.4 20.6 31.0



#26
2,2-Dichloropropane
Concen: 52.067 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 77 Resp: 264836
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.6

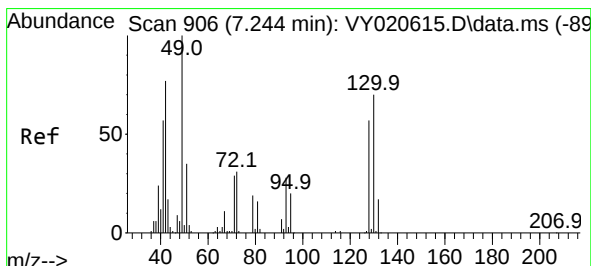
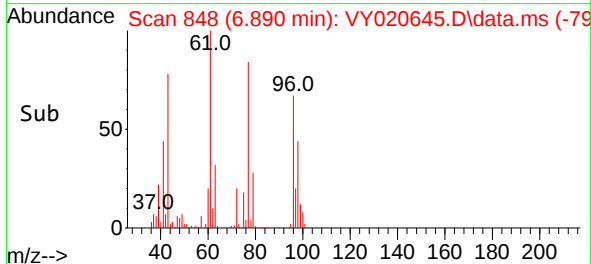
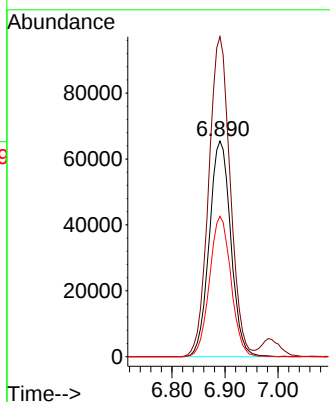
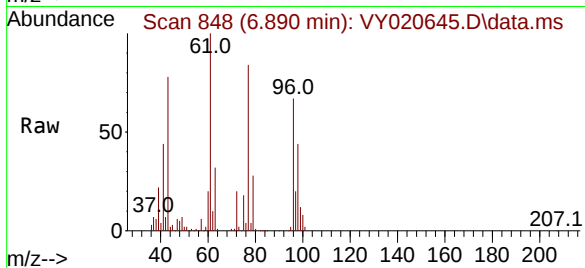




#27
 cis-1,2-Dichloroethene
 Concen: 55.409 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY020645.D
 Acq: 19 Dec 2024 09:43

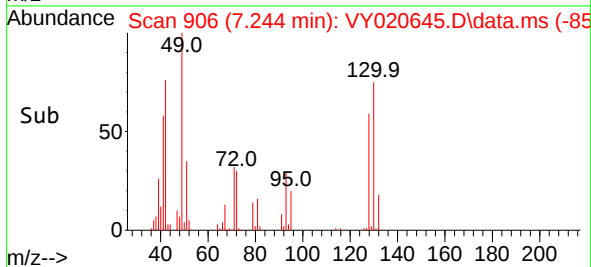
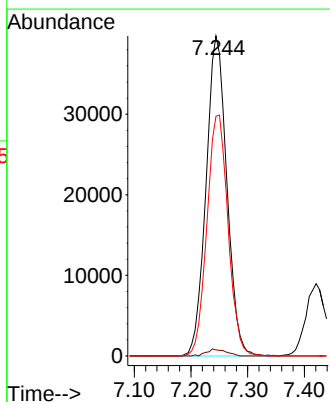
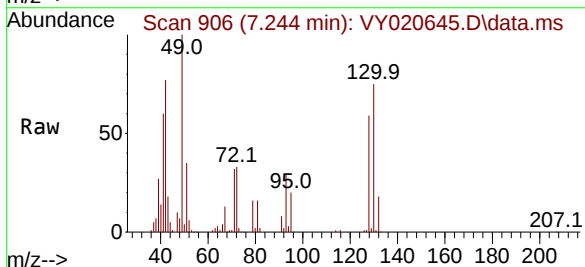
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

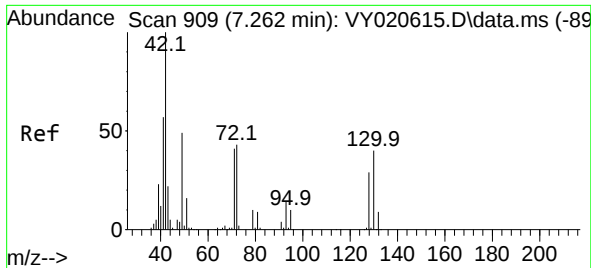
Tgt Ion: 96 Resp: 184657
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 306.2
 98 64.8 0.0 127.2



#28
 Bromochloromethane
 Concen: 55.679 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY020645.D
 Acq: 19 Dec 2024 09:43

Tgt Ion: 49 Resp: 101052
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 76.5 58.3 87.5





#29

Tetrahydrofuran

Concen: 271.132 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

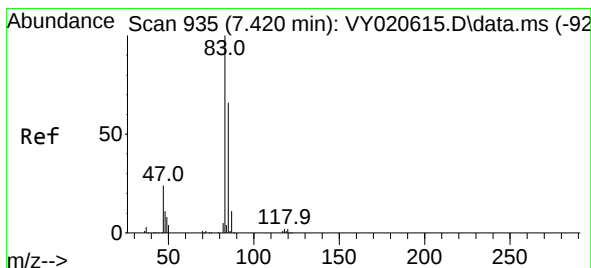
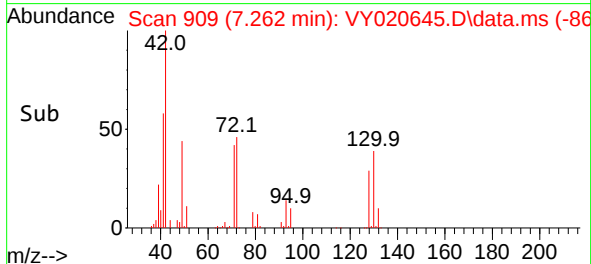
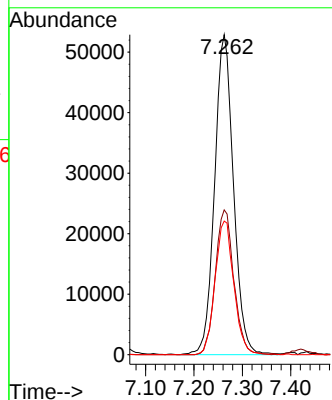
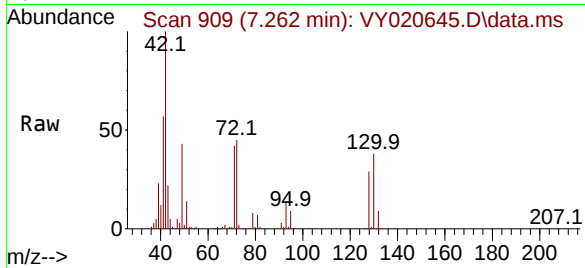
Tgt Ion: 42 Resp: 143510

Ion Ratio Lower Upper

42 100

72 44.4 34.0 51.0

71 41.4 31.6 47.4



#30

Chloroform

Concen: 54.569 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.001 min

Lab File: VY020645.D

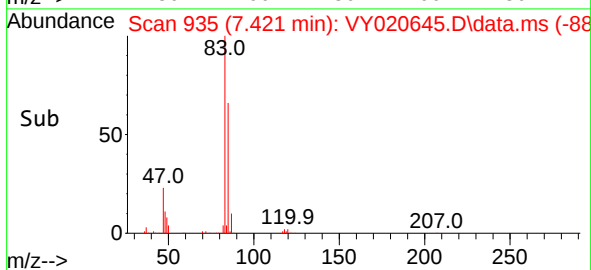
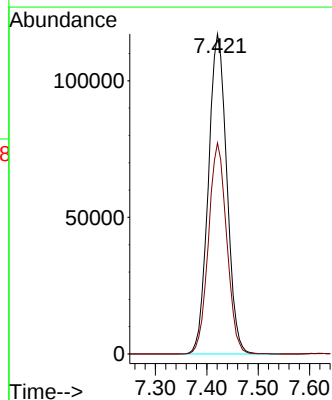
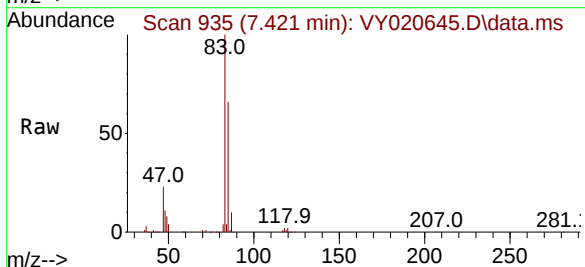
Acq: 19 Dec 2024 09:43

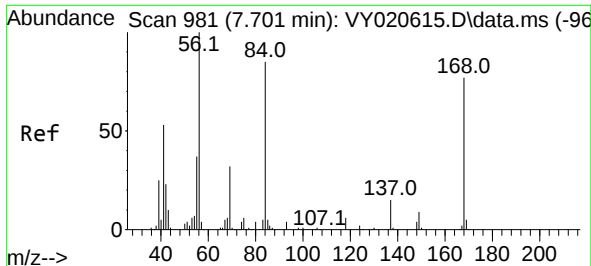
Tgt Ion: 83 Resp: 292213

Ion Ratio Lower Upper

83 100

85 65.9 52.7 79.1

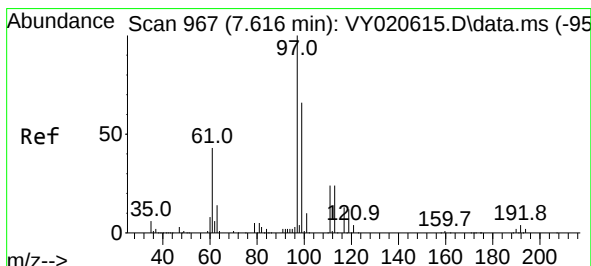
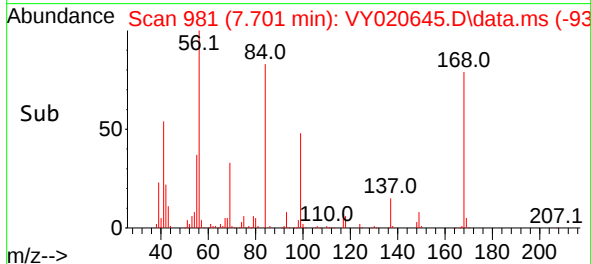
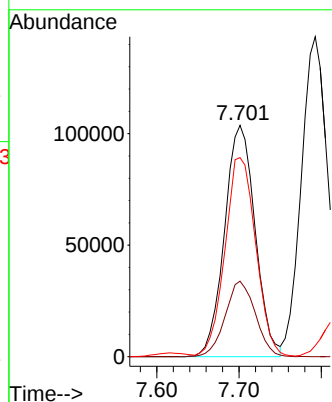
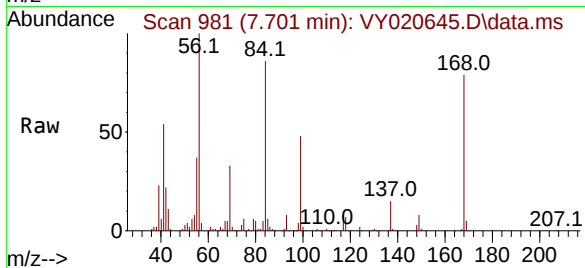




#31
Cyclohexane
Concen: 52.174 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

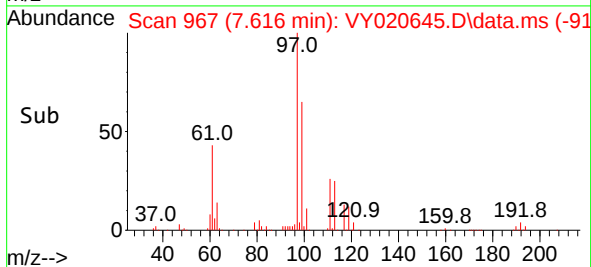
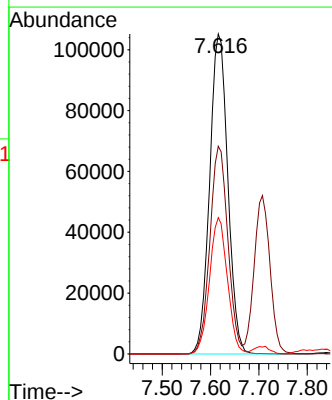
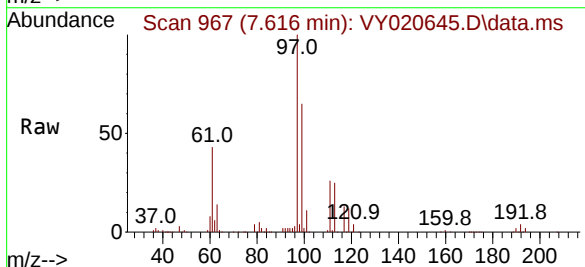
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

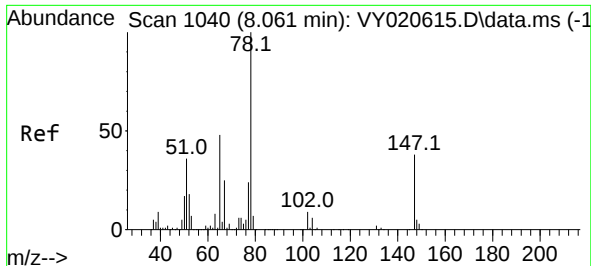
Tgt Ion: 56 Resp: 268423
Ion Ratio Lower Upper
56 100
69 32.6 25.4 38.0
84 84.6 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 55.522 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 97 Resp: 274460
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 42.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.284 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

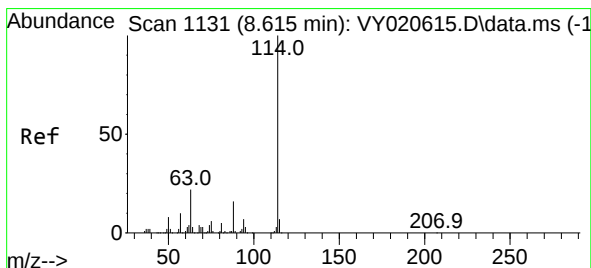
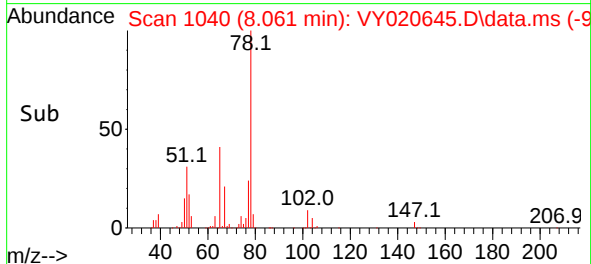
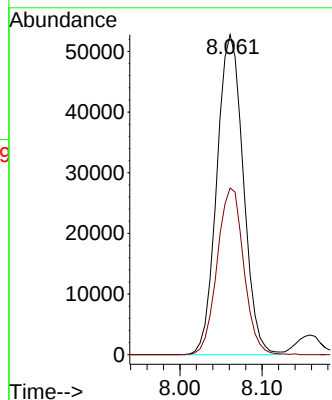
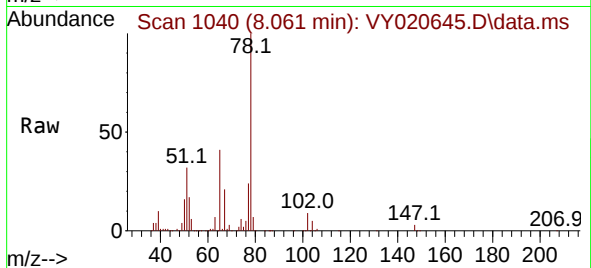
VSTDCCC050

Tgt Ion: 65 Resp: 117960

Ion Ratio Lower Upper

65 100

67 52.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

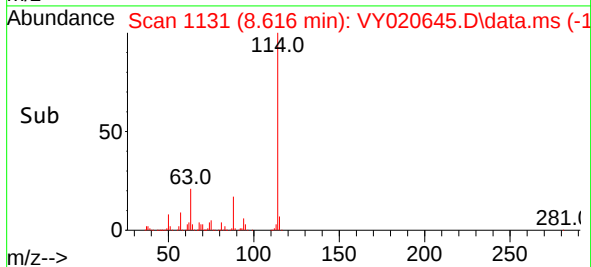
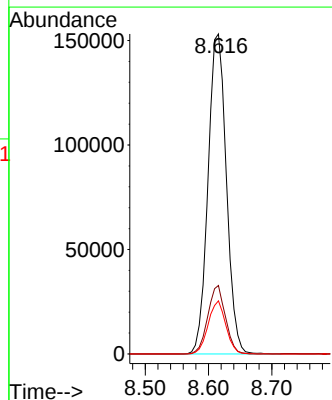
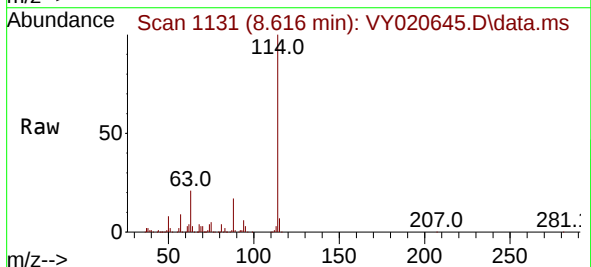
Tgt Ion: 114 Resp: 308825

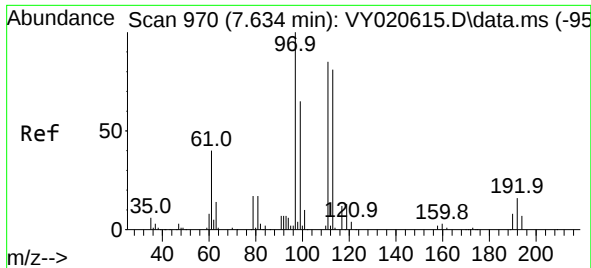
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 16.6 0.0 32.8

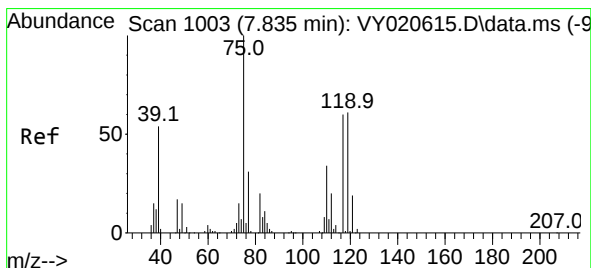
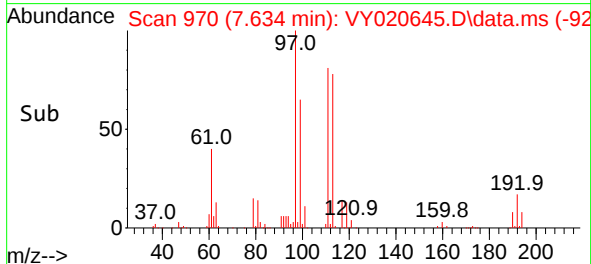
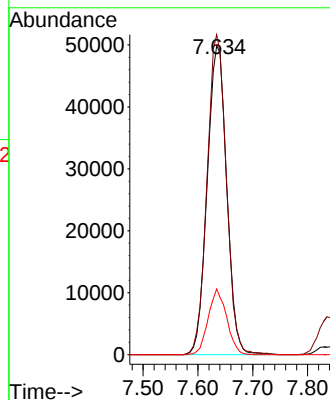
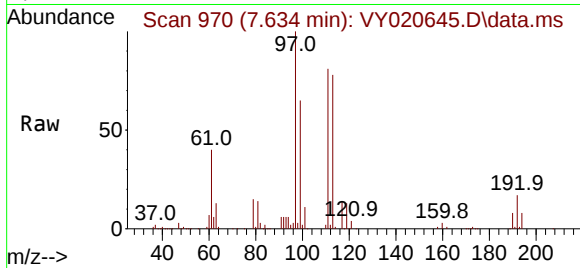




#35
 Dibromofluoromethane
 Concen: 56.450 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY020645.D
 Acq: 19 Dec 2024 09:43

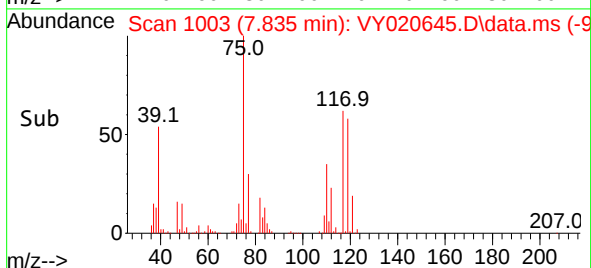
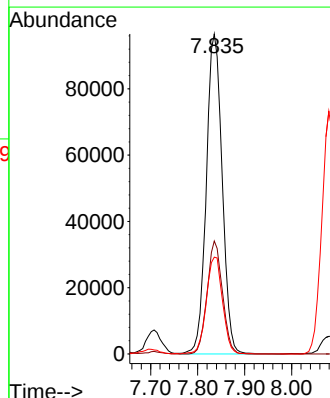
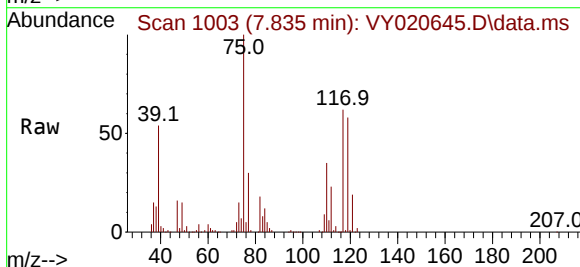
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

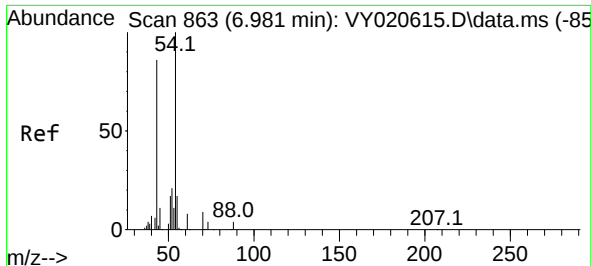
Tgt Ion:113 Resp: 122865
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 20.1 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 56.915 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY020645.D
 Acq: 19 Dec 2024 09:43

Tgt Ion: 75 Resp: 225884
 Ion Ratio Lower Upper
 75 100
 110 34.1 16.8 50.4
 77 31.0 25.0 37.6





#37

Ethyl Acetate

Concen: 53.805 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

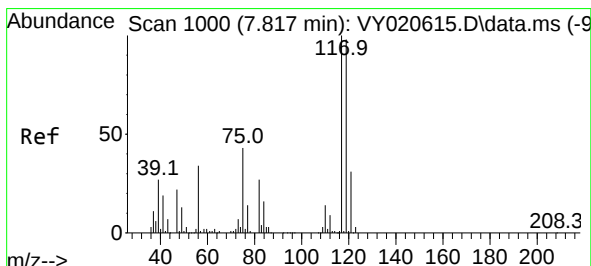
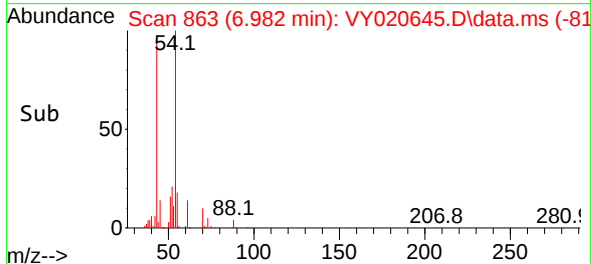
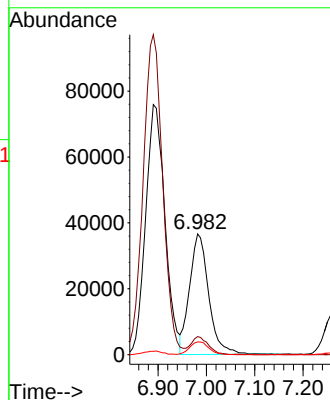
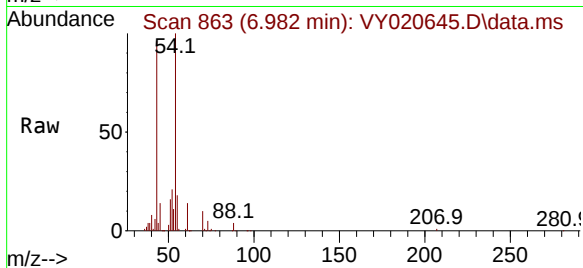
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 100446

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.6	7.9	11.9



#38

Carbon Tetrachloride

Concen: 57.572 ug/l

RT: 7.817 min Scan# 1000

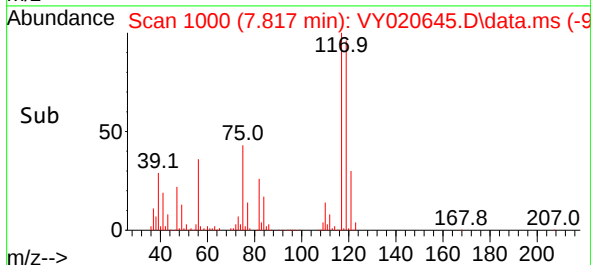
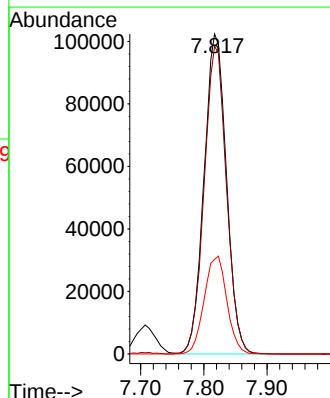
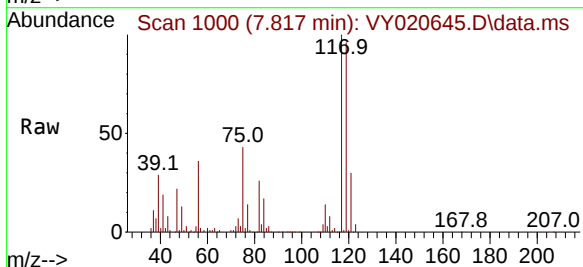
Delta R.T. 0.000 min

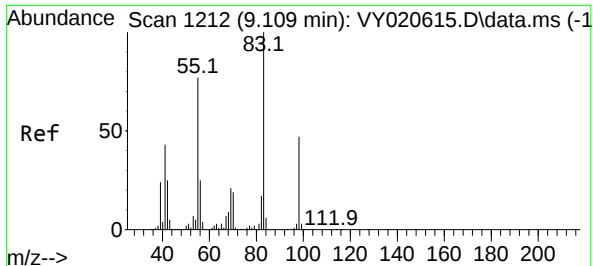
Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Tgt Ion: 117 Resp: 252799

Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.3	117.5
121	29.6	25.1	37.7





#39

Methylcyclohexane

Concen: 55.640 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

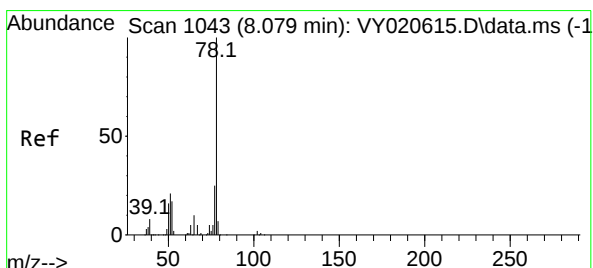
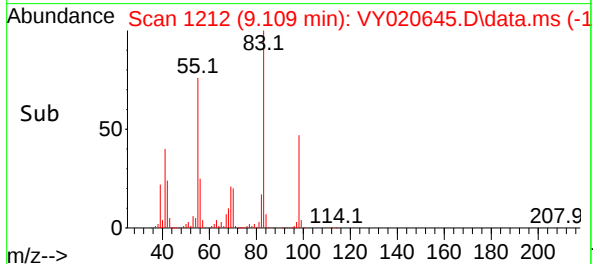
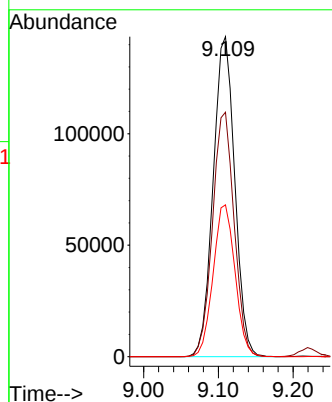
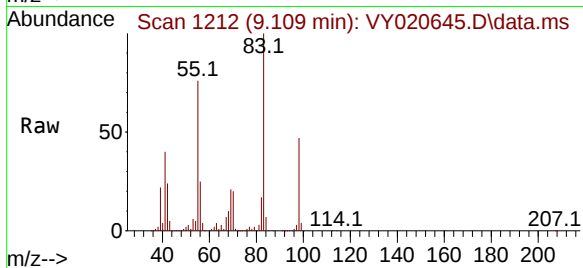
Tgt Ion: 83 Resp: 287808

Ion Ratio Lower Upper

83 100

55 76.4 61.4 92.0

98 47.5 37.3 55.9



#40

Benzene

Concen: 55.955 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020645.D

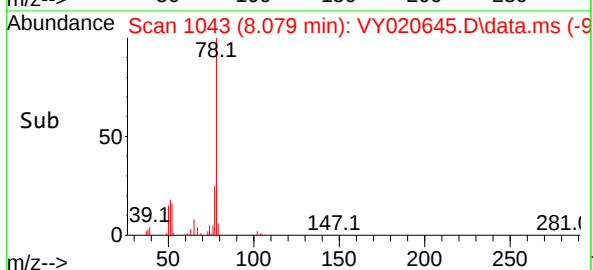
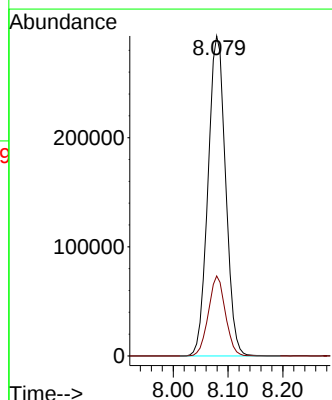
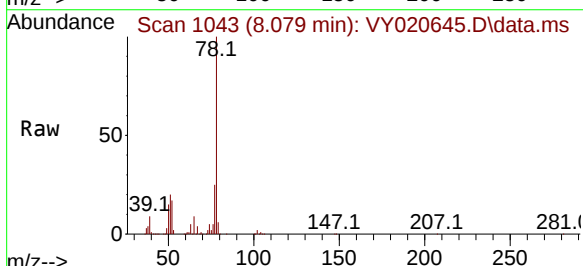
Acq: 19 Dec 2024 09:43

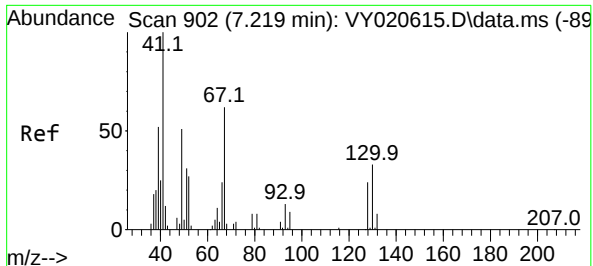
Tgt Ion: 78 Resp: 650927

Ion Ratio Lower Upper

78 100

77 25.0 20.1 30.1

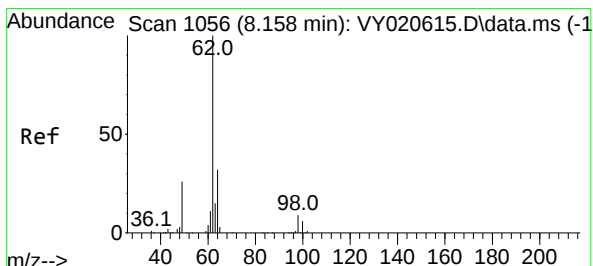
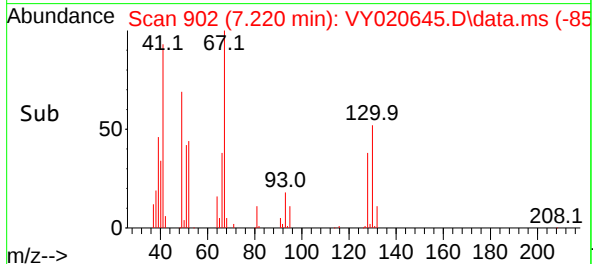
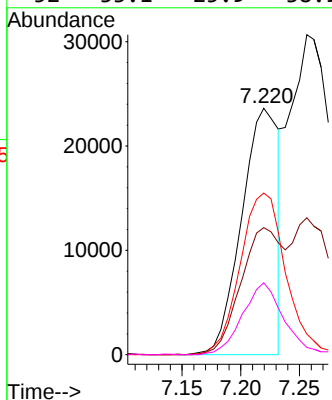
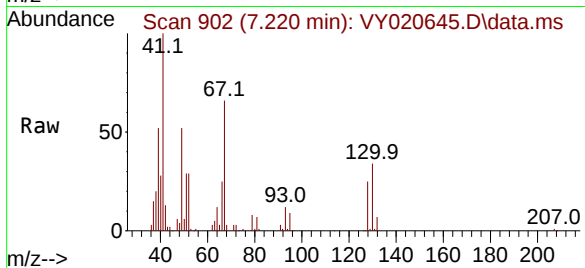




#41
Methacrylonitrile
Concen: 52.143 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

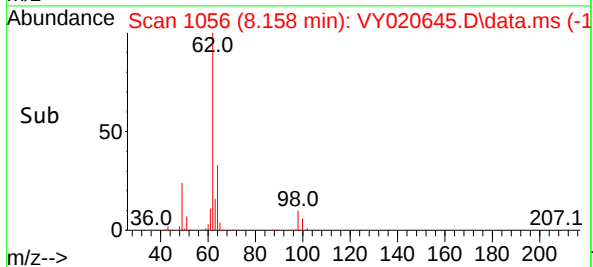
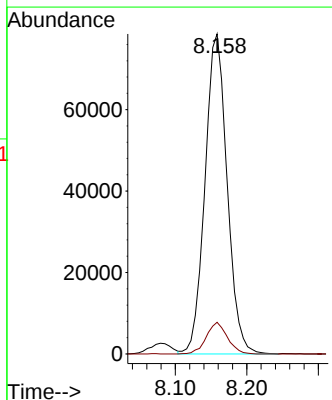
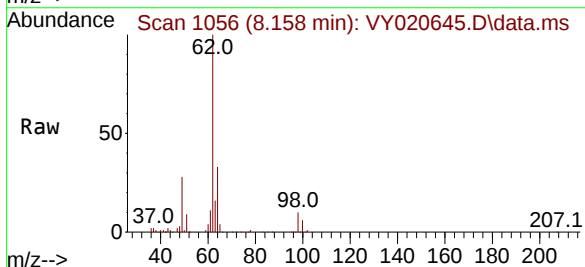
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

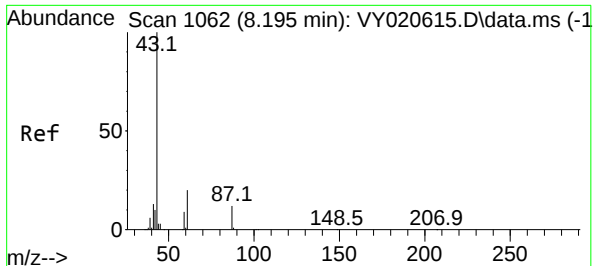
Tgt Ion:	41	Resp:	51462
Ion	Ratio	Lower	Upper
41	100		
39	59.5	53.6	80.4
67	81.5	62.0	93.0
52	33.1	25.9	38.9



#42
1,2-Dichloroethane
Concen: 54.747 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion:	62	Resp:	168914
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0





#43

Isopropyl Acetate

Concen: 55.280 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

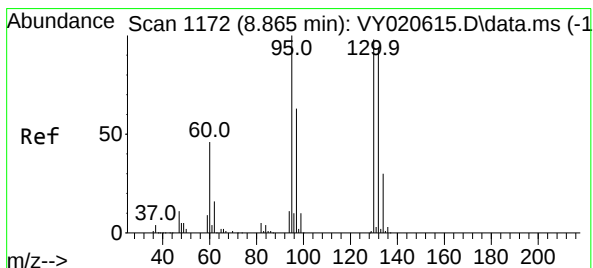
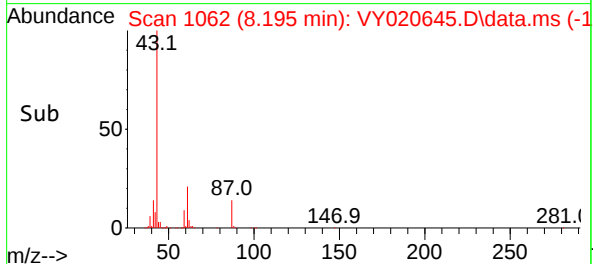
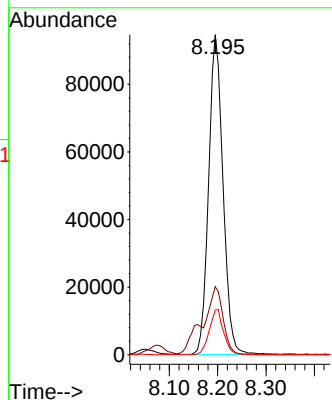
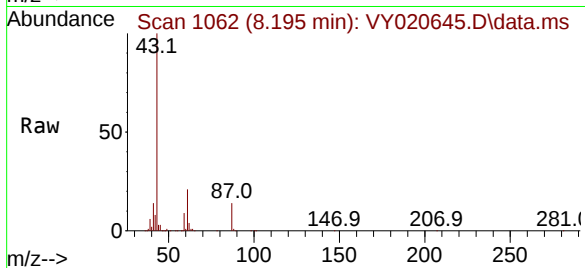
Tgt Ion: 43 Resp: 195375

Ion Ratio Lower Upper

43 100

61 21.3 23.8 35.6#

87 13.9 10.2 15.4



#44

Trichloroethene

Concen: 57.447 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY020645.D

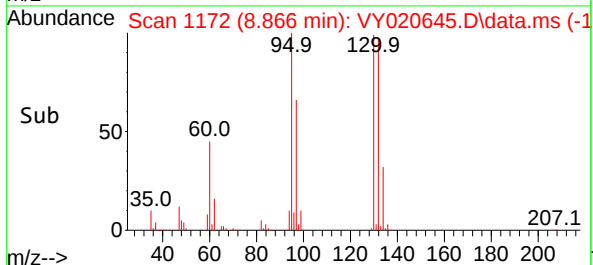
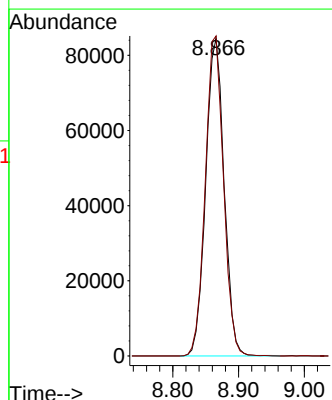
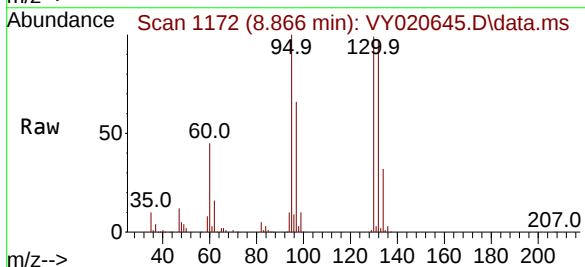
Acq: 19 Dec 2024 09:43

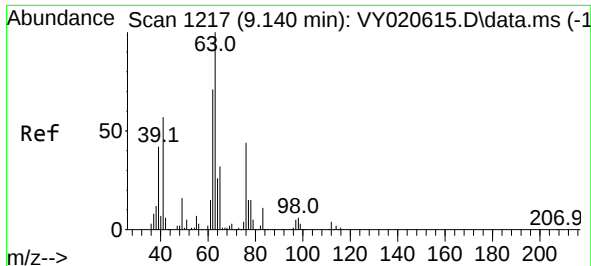
Tgt Ion:130 Resp: 164213

Ion Ratio Lower Upper

130 100

95 100.8 0.0 203.2





#45

1,2-Dichloropropane

Concen: 55.786 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

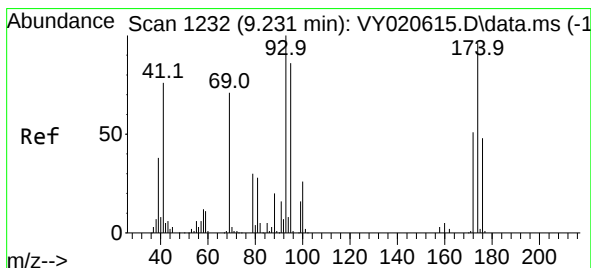
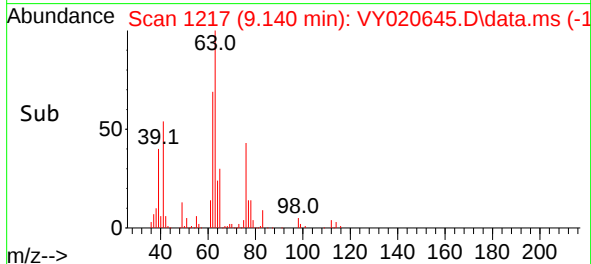
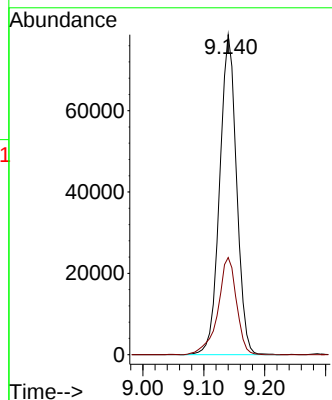
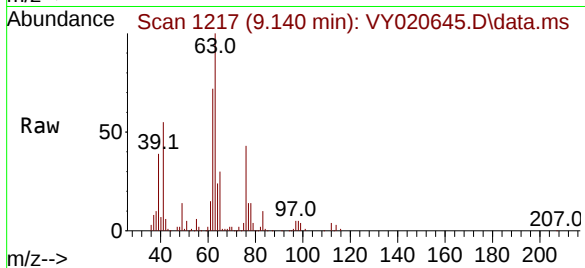
VSTDCCC050

Tgt Ion: 63 Resp: 151671

Ion Ratio Lower Upper

63 100

65 30.4 25.9 38.9



#46

Dibromomethane

Concen: 55.885 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

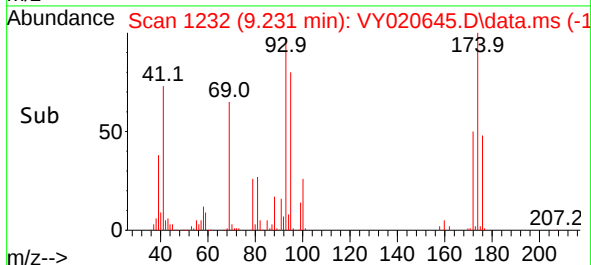
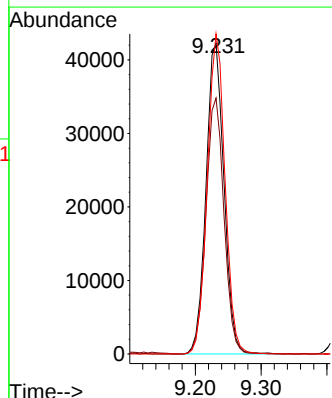
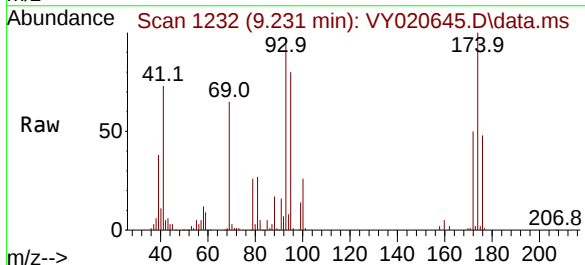
Tgt Ion: 93 Resp: 80300

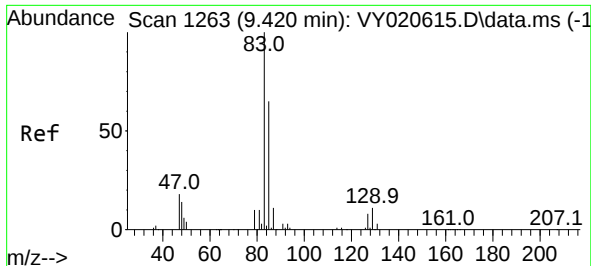
Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

174 101.6 77.8 116.6

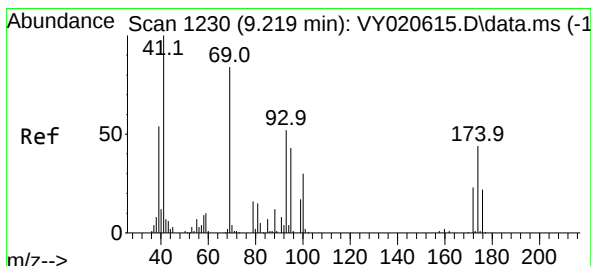
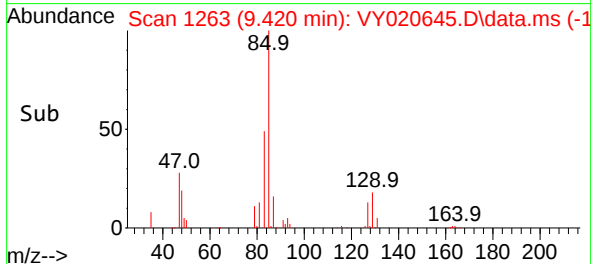
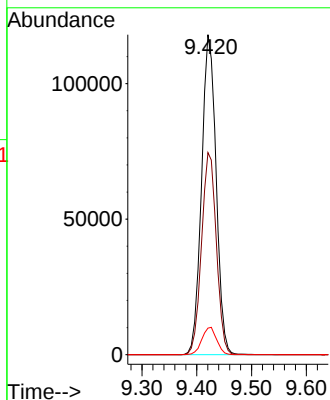
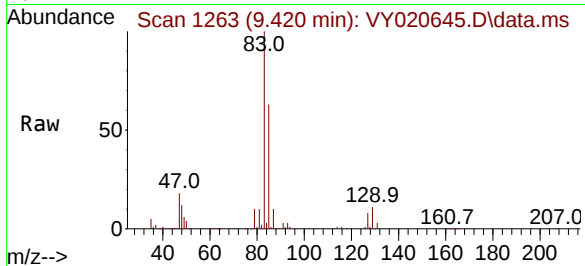




#47
Bromodichloromethane
Concen: 56.001 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

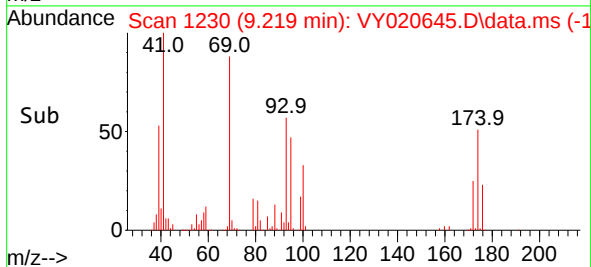
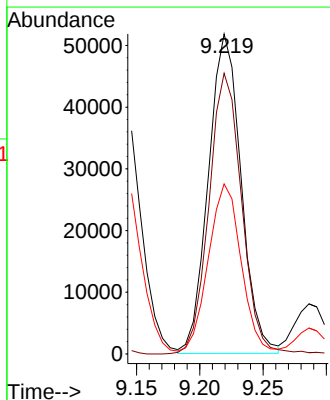
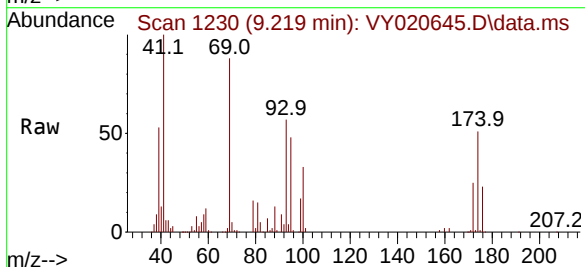
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

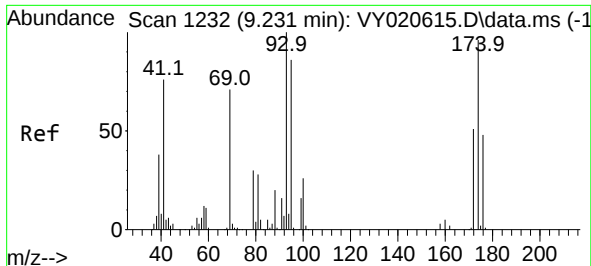
Tgt Ion: 83 Resp: 217355
Ion Ratio Lower Upper
83 100
85 63.1 52.1 78.1
127 8.3 6.7 10.1



#48
Methyl methacrylate
Concen: 55.418 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 41 Resp: 93111
Ion Ratio Lower Upper
41 100
69 88.0 67.2 100.8
39 51.9 42.2 63.4





#49

1,4-Dioxane

Concen: 1164.626 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

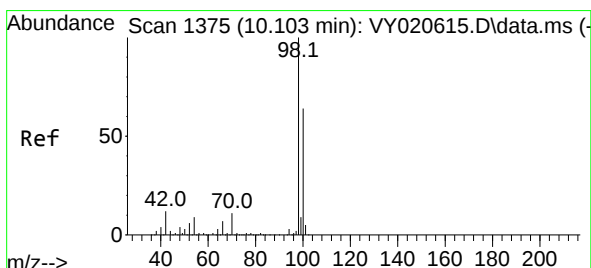
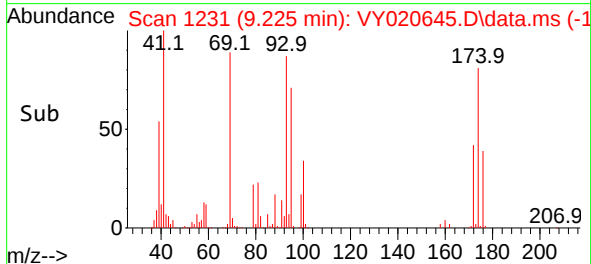
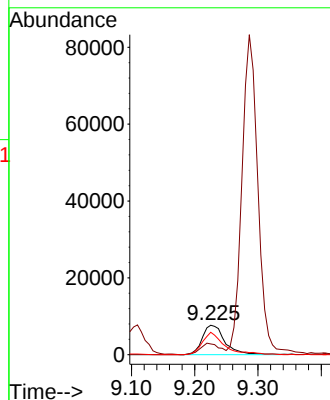
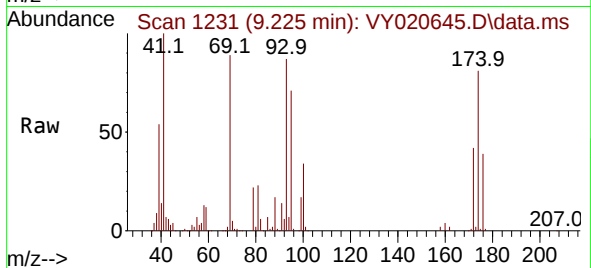
Tgt Ion: 88 Resp: 19191

Ion Ratio Lower Upper

88 100

43 33.5 27.6 41.4

58 73.2 61.7 92.5



#50

Toluene-d8

Concen: 55.973 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020645.D

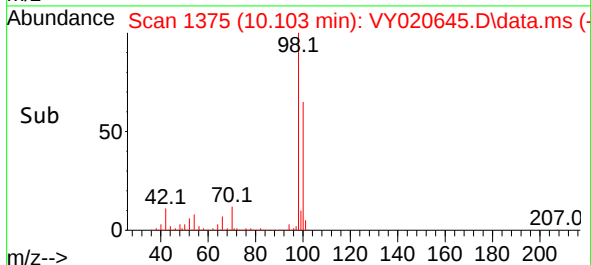
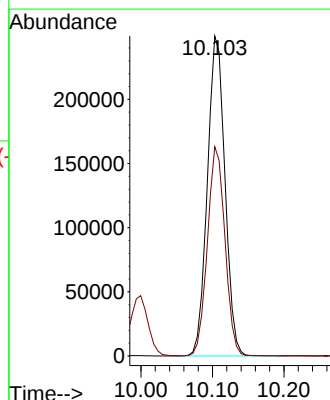
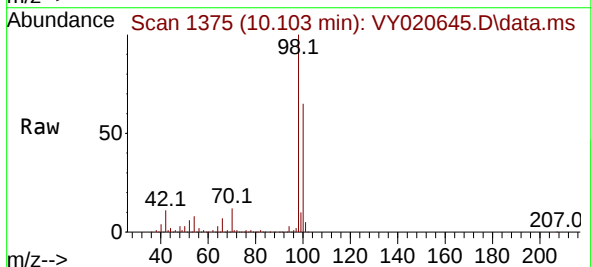
Acq: 19 Dec 2024 09:43

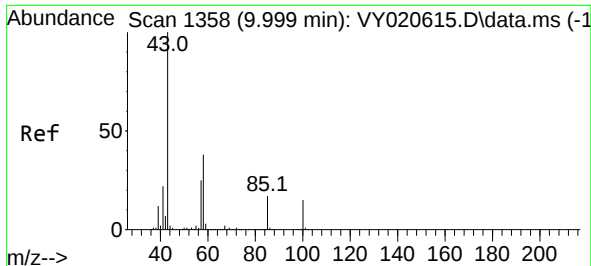
Tgt Ion: 98 Resp: 426408

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

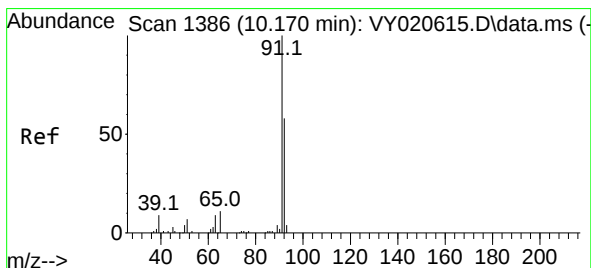
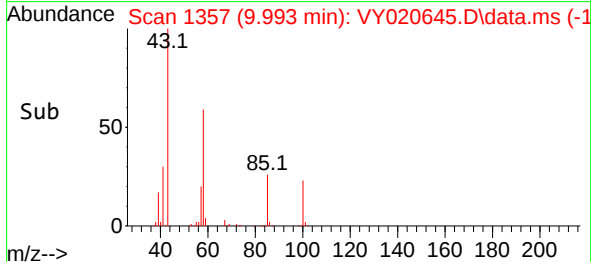
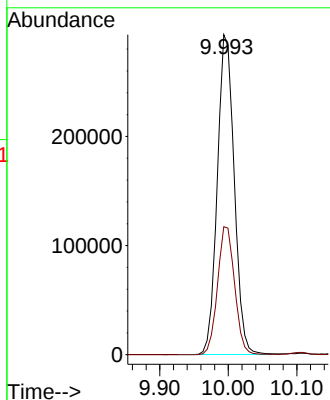
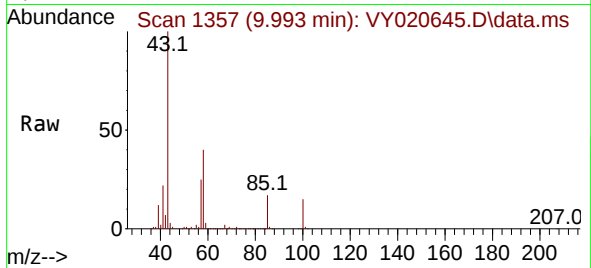




#51
4-Methyl-2-Pentanone
Concen: 269.490 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

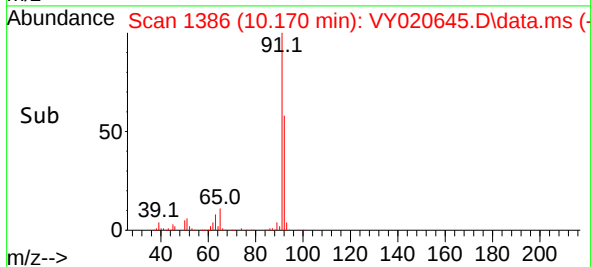
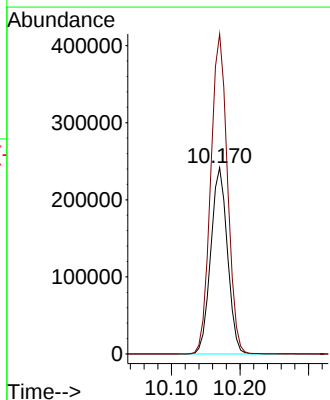
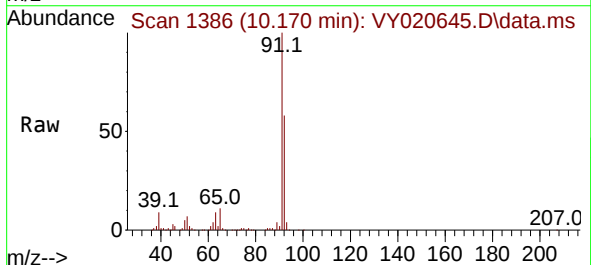
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

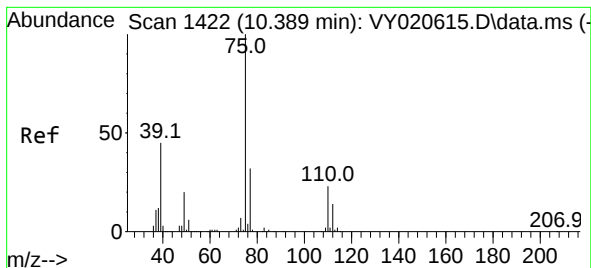
Tgt Ion: 43 Resp: 502739
Ion Ratio Lower Upper
43 100
58 40.4 31.4 47.2



#52
Toluene
Concen: 56.356 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 92 Resp: 407430
Ion Ratio Lower Upper
92 100
91 172.8 137.4 206.0

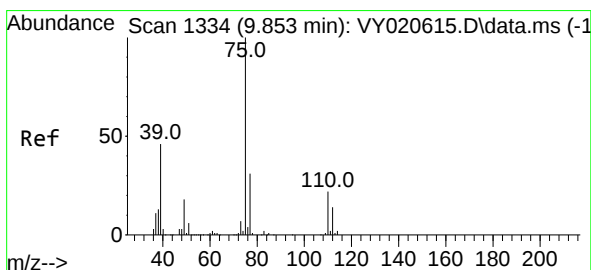
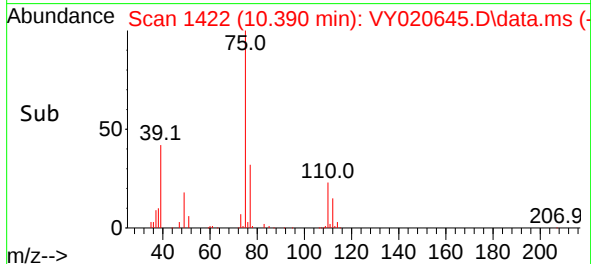
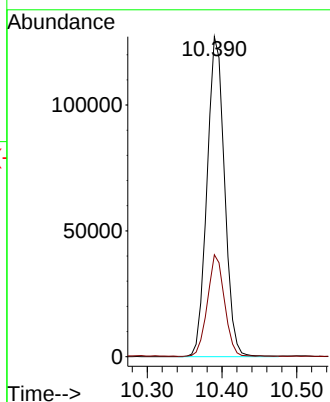
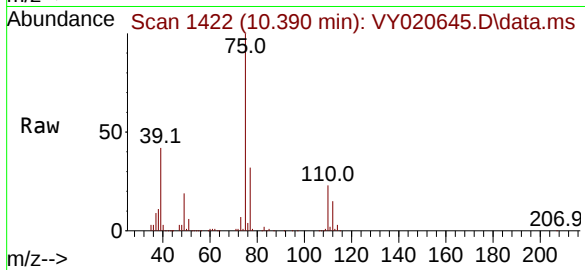




#53
 t-1,3-Dichloropropene
 Concen: 57.330 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020645.D
 Acq: 19 Dec 2024 09:43

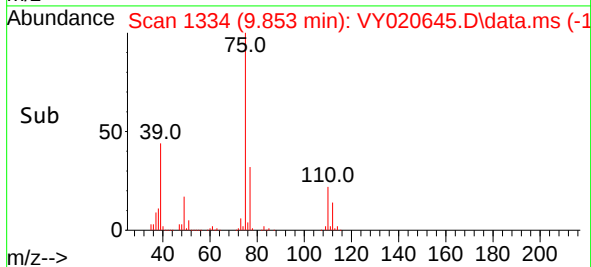
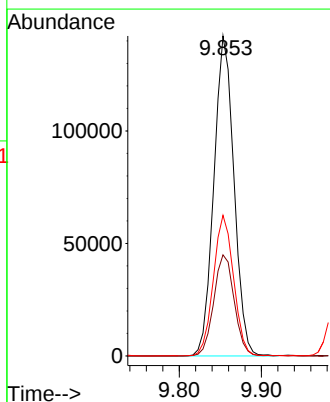
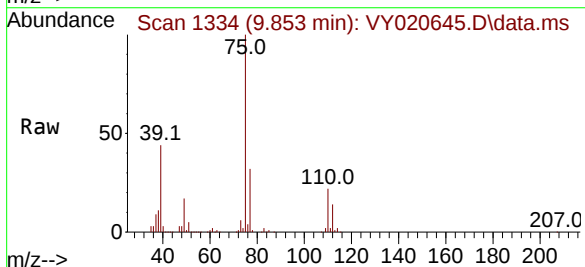
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

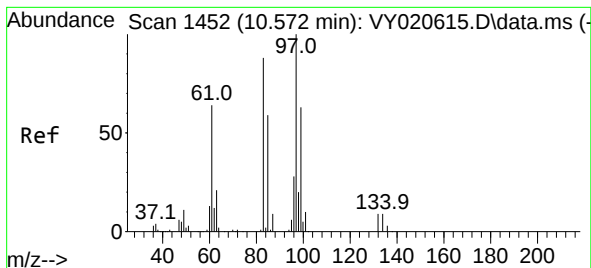
Tgt Ion: 75 Resp: 207340
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 56.364 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY020645.D
 Acq: 19 Dec 2024 09:43

Tgt Ion: 75 Resp: 241551
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 36.8
 39 43.9 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 57.107 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 108487

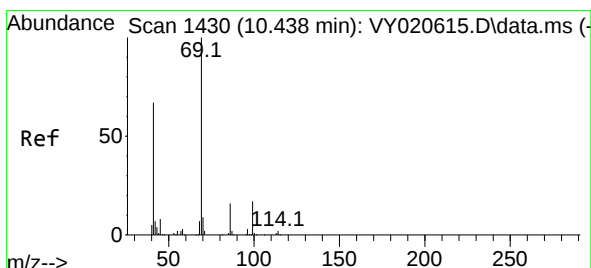
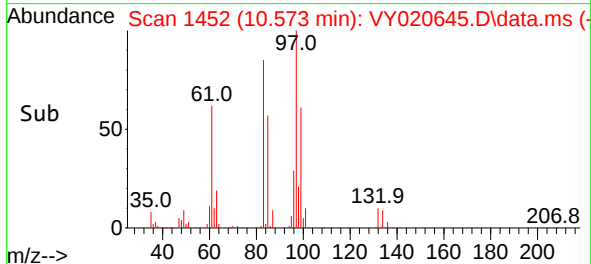
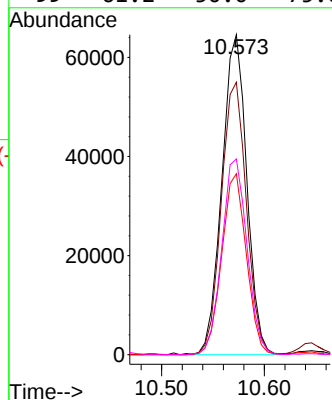
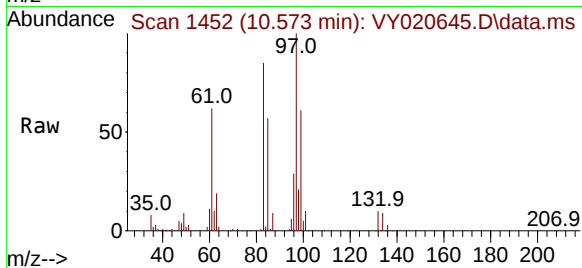
Ion Ratio Lower Upper

97 100

83 85.1 70.4 105.6

85 56.6 47.2 70.8

99 61.2 50.0 75.0



#56

Ethyl methacrylate

Concen: 58.883 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

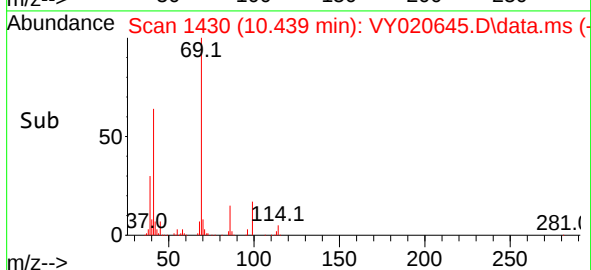
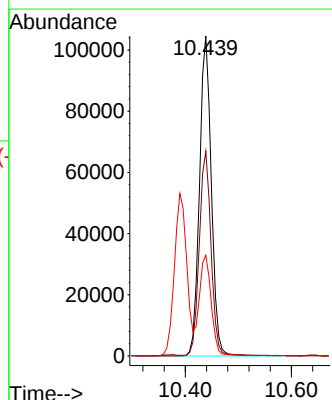
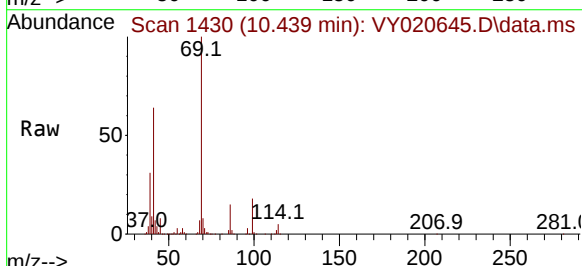
Tgt Ion: 69 Resp: 162282

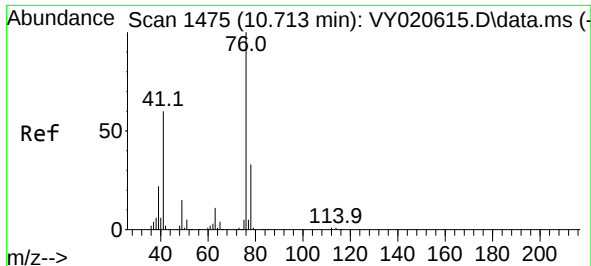
Ion Ratio Lower Upper

69 100

41 62.7 54.0 81.0

39 31.9 27.9 41.9





#57

1,3-Dichloropropane

Concen: 56.787 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

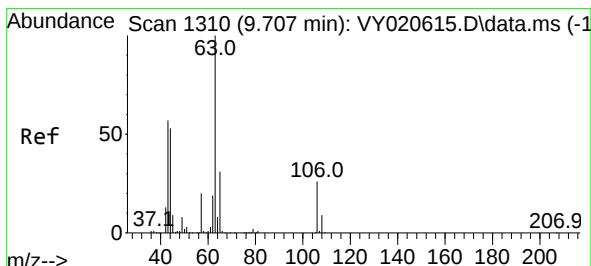
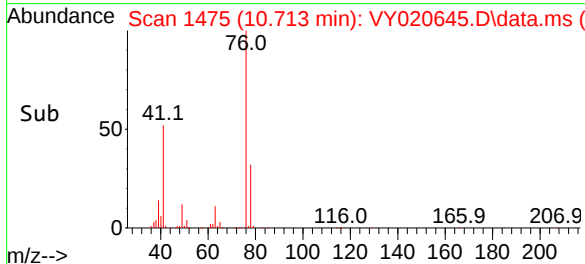
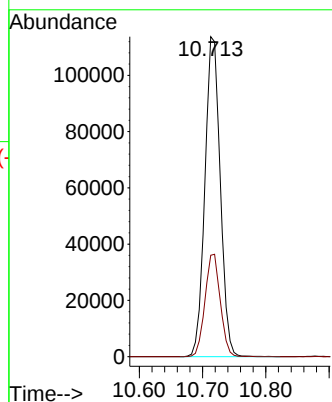
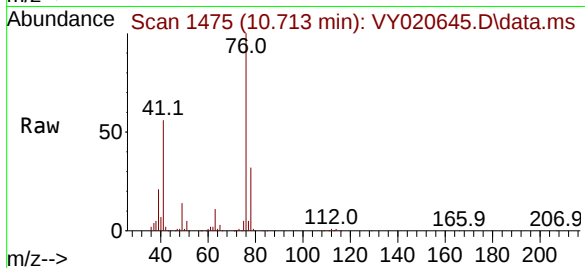
VSTDCCC050

Tgt Ion: 76 Resp: 192310

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 284.827 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY020645.D

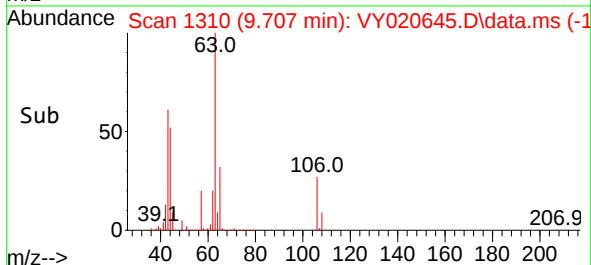
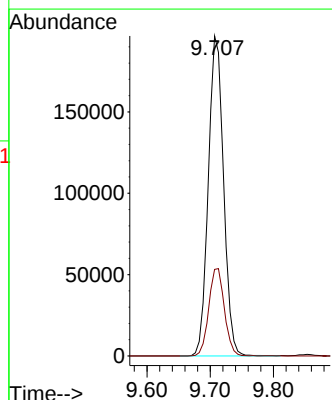
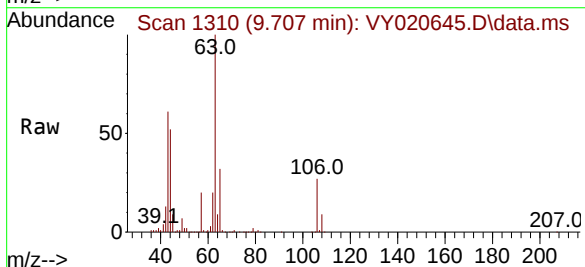
Acq: 19 Dec 2024 09:43

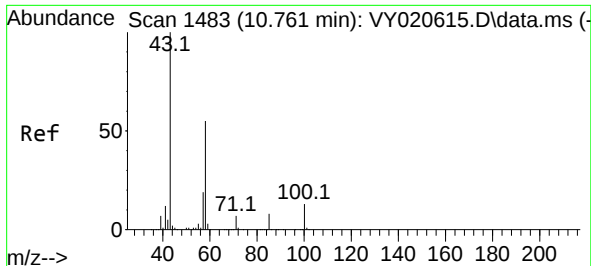
Tgt Ion: 63 Resp: 330296

Ion Ratio Lower Upper

63 100

106 27.9 21.5 32.3





#59

2-Hexanone

Concen: 277.291 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

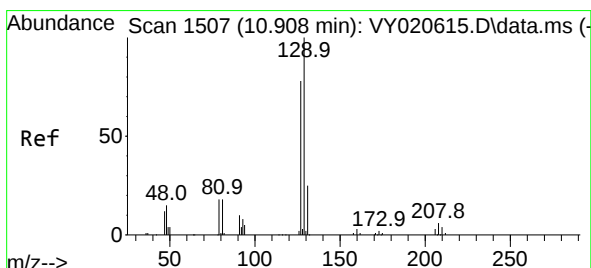
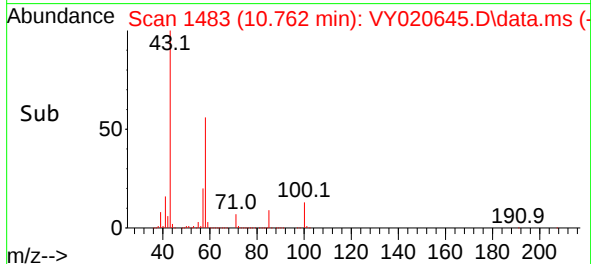
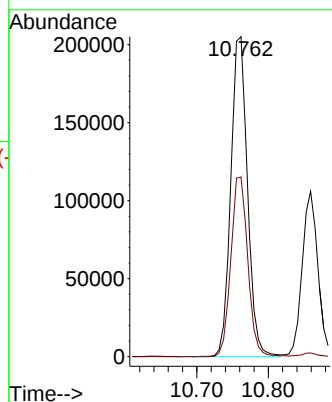
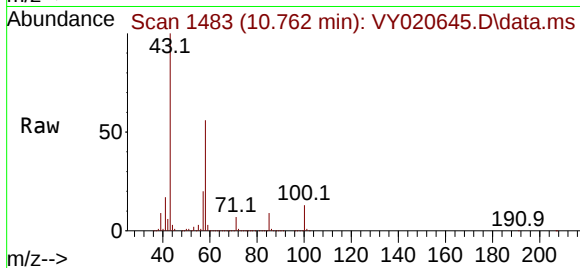
VSTDCCC050

Tgt Ion: 43 Resp: 332124

Ion Ratio Lower Upper

43 100

58 57.0 27.2 81.6



#60

Dibromochloromethane

Concen: 57.418 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY020645.D

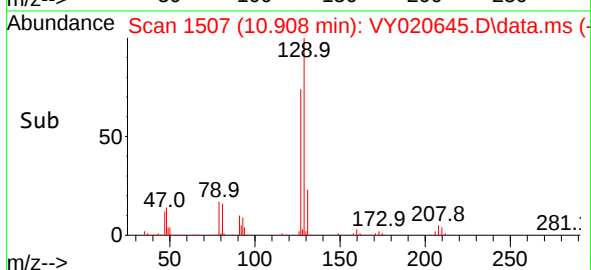
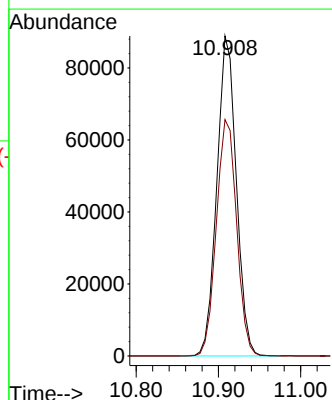
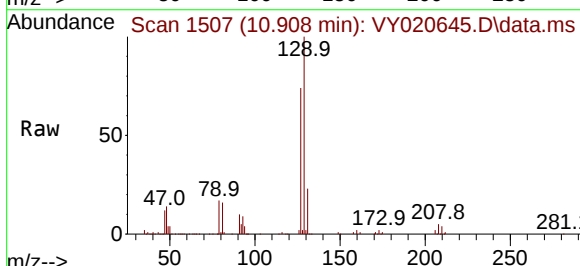
Acq: 19 Dec 2024 09:43

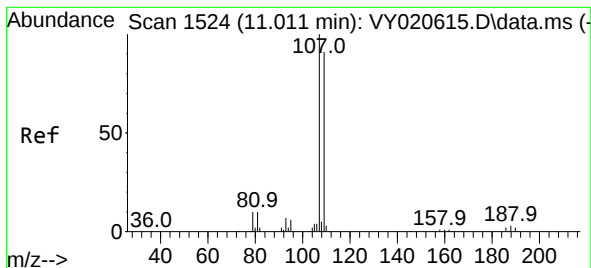
Tgt Ion: 129 Resp: 145879

Ion Ratio Lower Upper

129 100

127 77.1 38.1 114.3

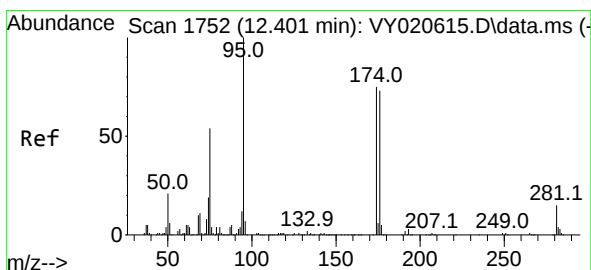
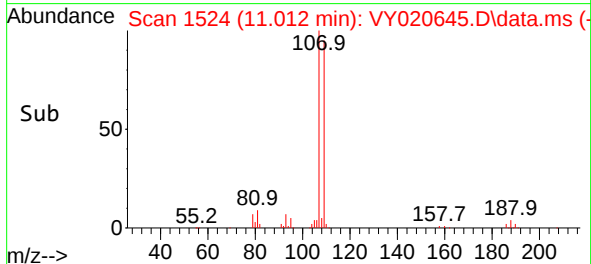
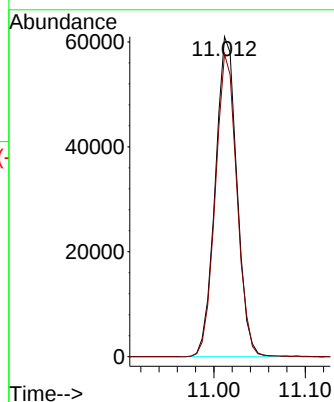
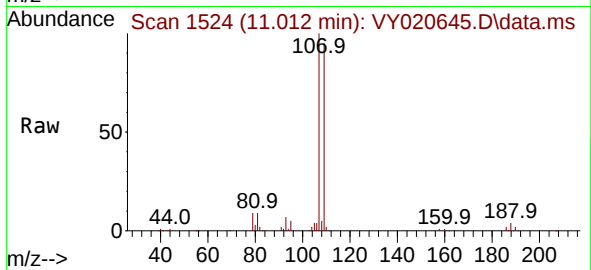




#61
1,2-Dibromoethane
Concen: 56.781 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

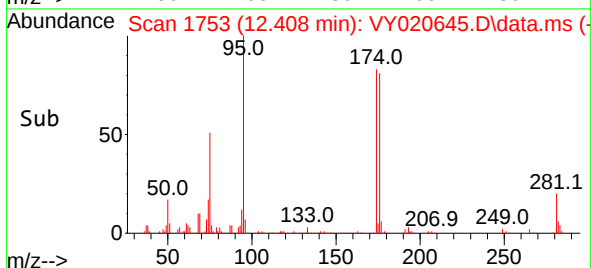
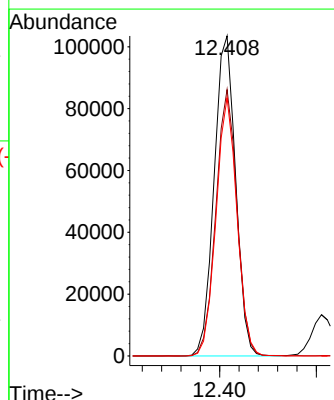
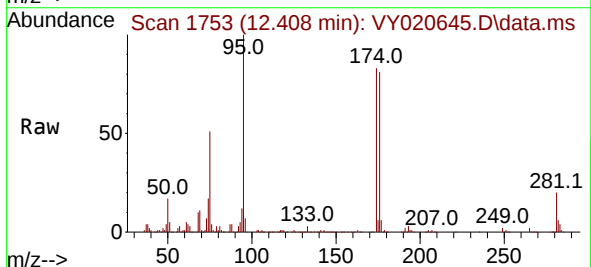
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

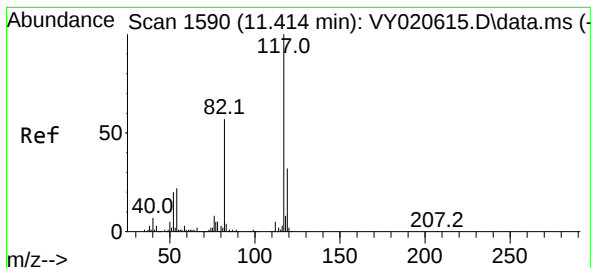
Tgt Ion:107 Resp: 100336
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.472 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 95 Resp: 159346
Ion Ratio Lower Upper
95 100
174 82.0 0.0 161.8
176 78.6 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

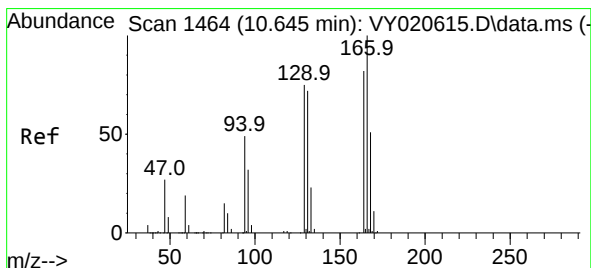
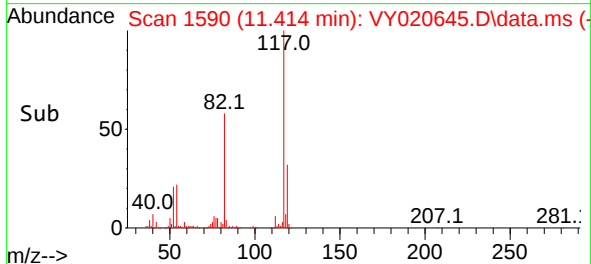
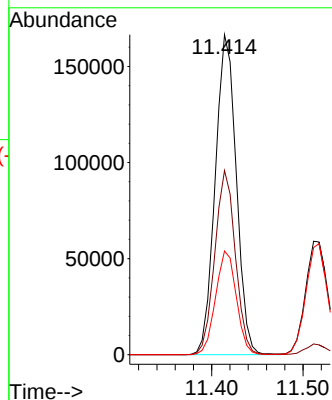
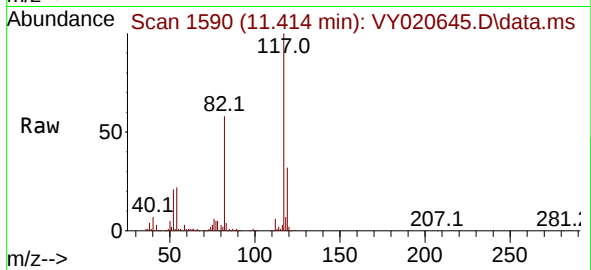
Tgt Ion:117 Resp: 266753

Ion Ratio Lower Upper

117 100

82 57.5 45.8 68.6

119 32.4 25.3 37.9



#64

Tetrachloroethene

Concen: 57.159 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Tgt Ion:164 Resp: 143419

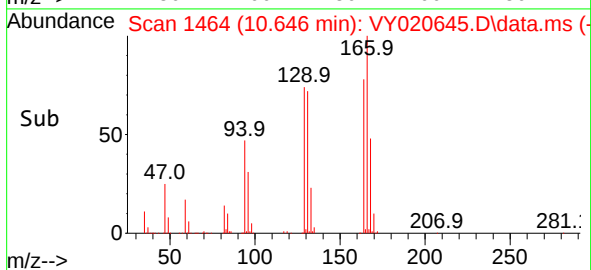
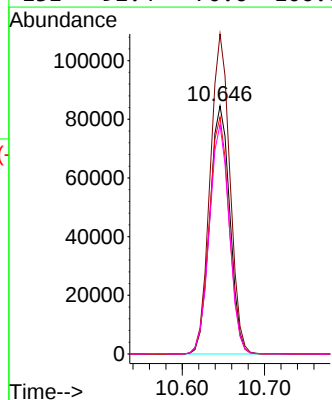
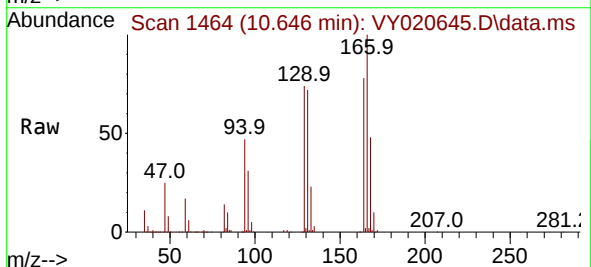
Ion Ratio Lower Upper

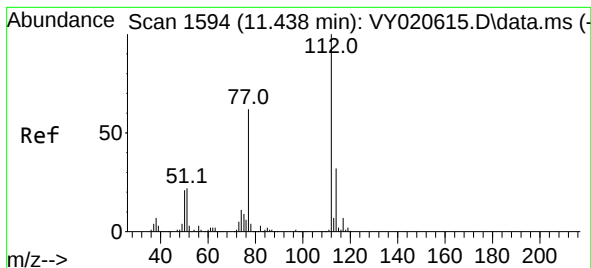
164 100

166 129.0 97.9 146.9

129 95.4 73.4 110.0

131 92.4 70.6 106.0





#65

Chlorobenzene

Concen: 57.381 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

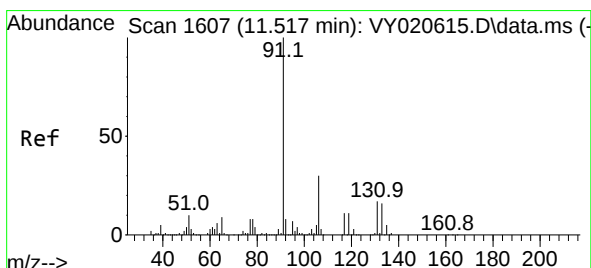
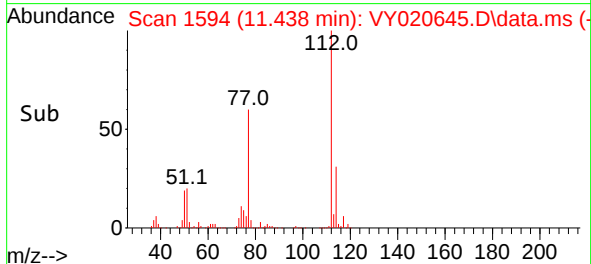
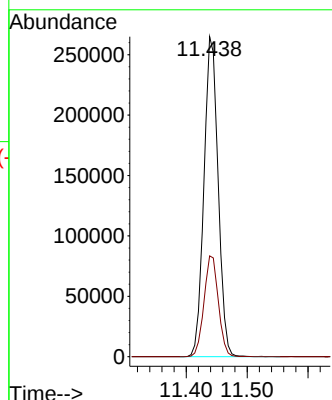
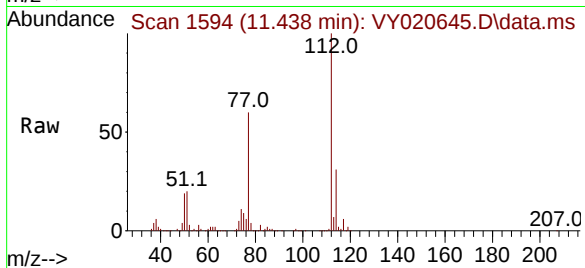
VSTDCCC050

Tgt Ion:112 Resp: 427986

Ion Ratio Lower Upper

112 100

114 31.5 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 57.723 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

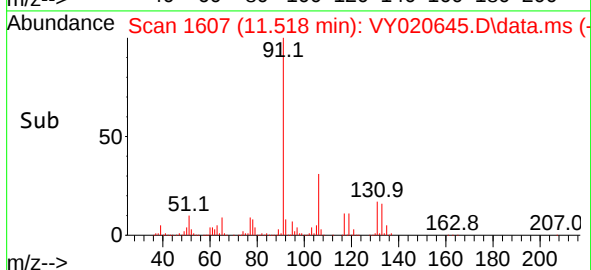
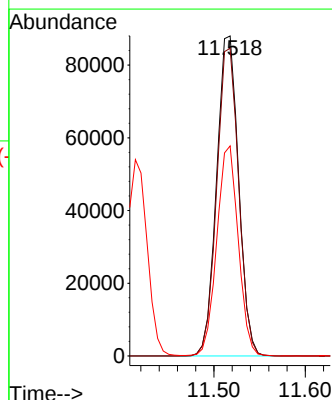
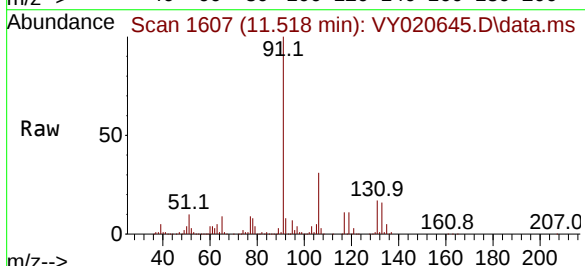
Tgt Ion:131 Resp: 147222

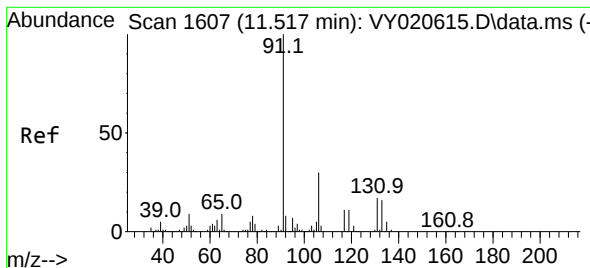
Ion Ratio Lower Upper

131 100

133 95.9 46.8 140.3

119 64.3 31.8 95.3





#67

Ethyl Benzene

Concen: 56.821 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

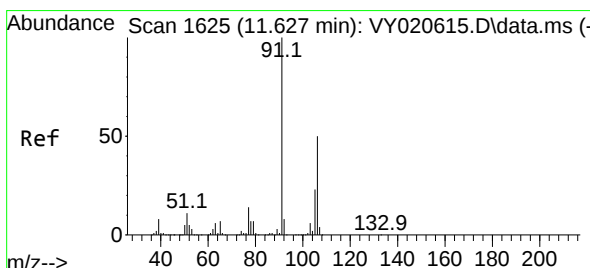
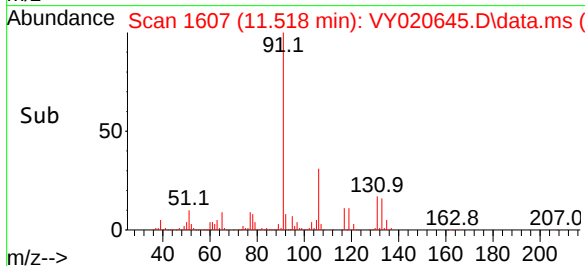
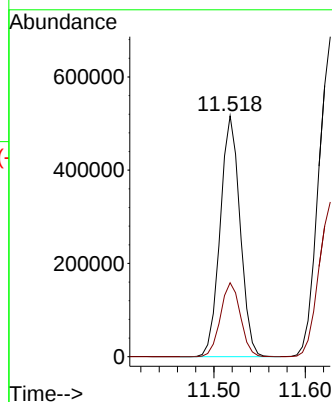
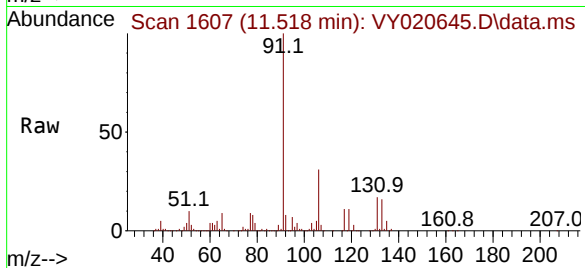
VSTDCCC050

Tgt Ion: 91 Resp: 781876

Ion Ratio Lower Upper

91 100

106 30.7 23.9 35.9



#68

m/p-Xylenes

Concen: 114.405 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020645.D

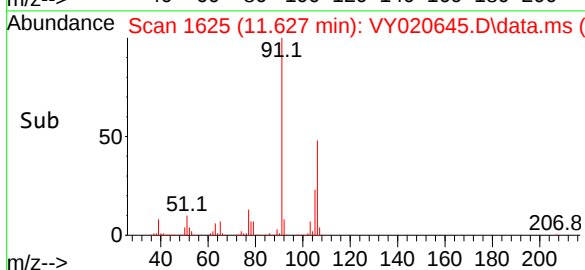
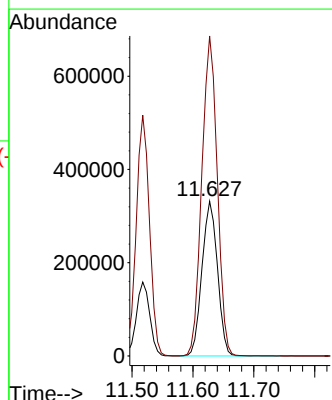
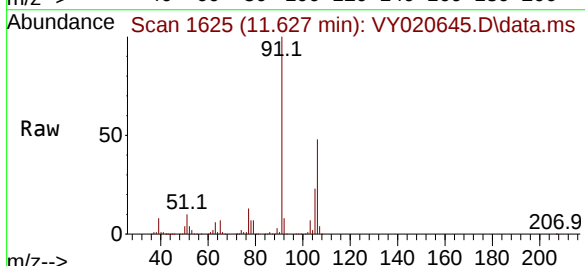
Acq: 19 Dec 2024 09:43

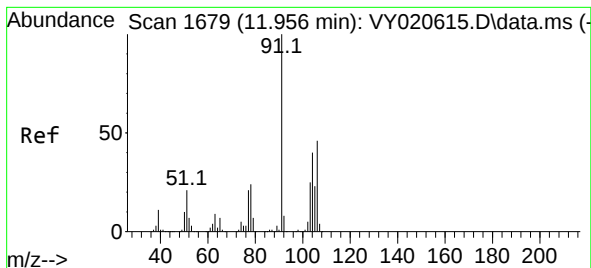
Tgt Ion:106 Resp: 585329

Ion Ratio Lower Upper

106 100

91 206.5 165.0 247.4

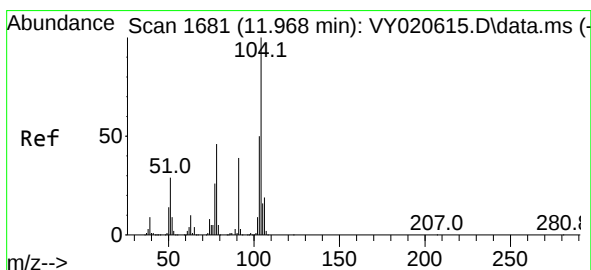
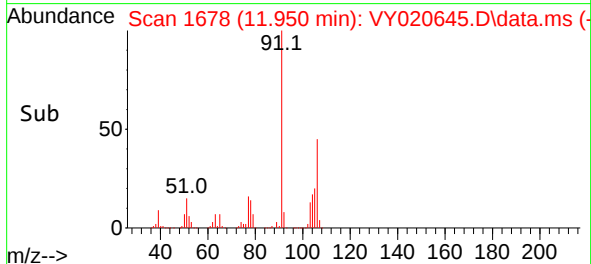
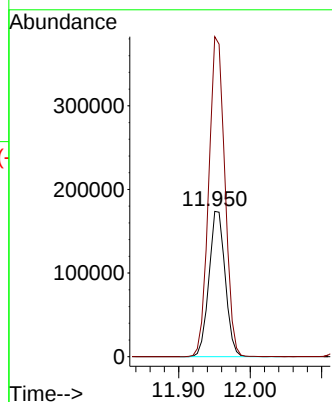
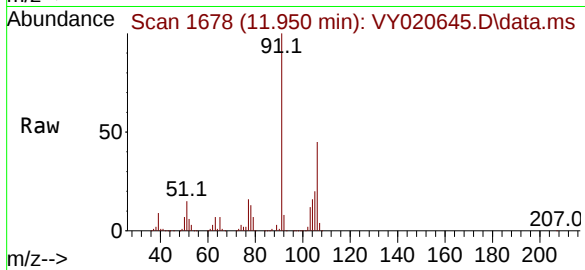




#69
o-Xylene
Concen: 57.438 ug/l
RT: 11.950 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

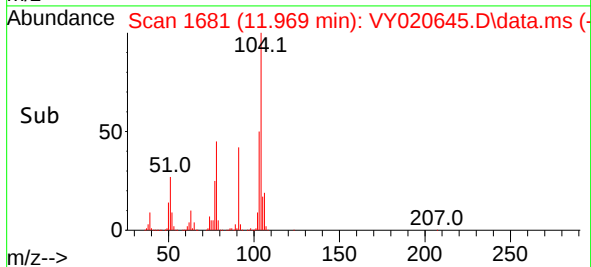
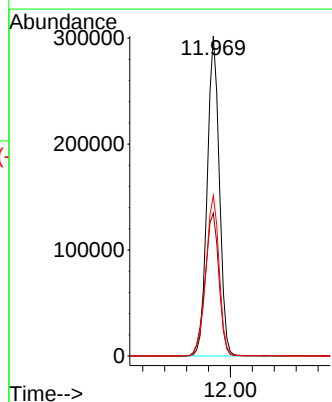
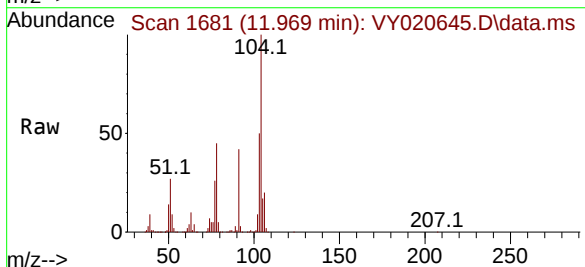
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

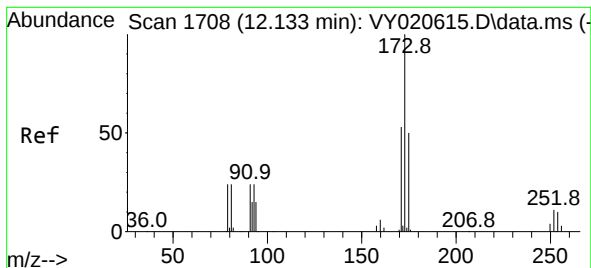
Tgt Ion:106 Resp: 274190
Ion Ratio Lower Upper
106 100
91 218.7 108.4 325.2



#70
Styrene
Concen: 58.035 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion:104 Resp: 462869
Ion Ratio Lower Upper
104 100
78 50.9 41.6 62.4
103 54.6 43.7 65.5





#71

Bromoform

Concen: 58.631 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

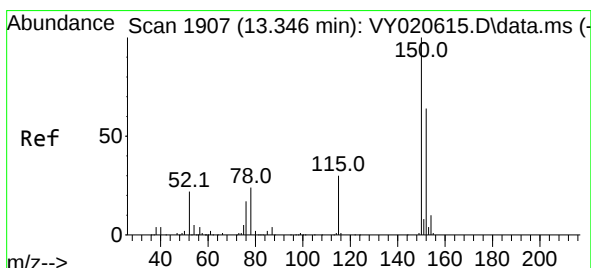
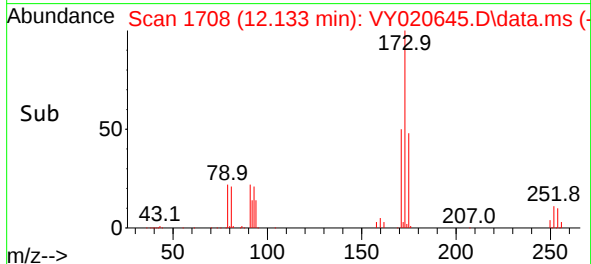
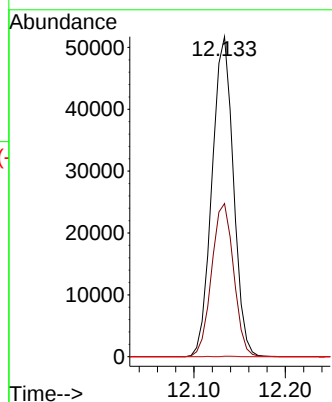
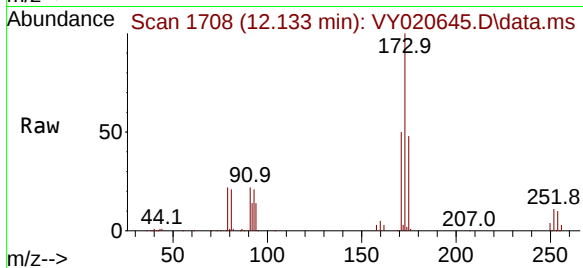
Tgt Ion:173 Resp: 84075

Ion Ratio Lower Upper

173 100

175 49.3 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

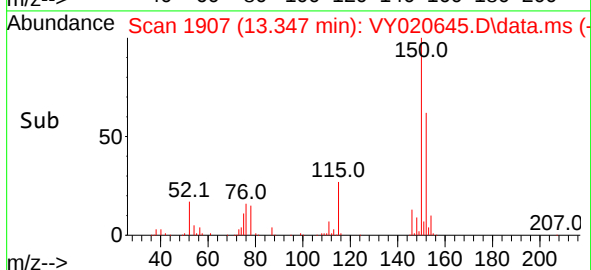
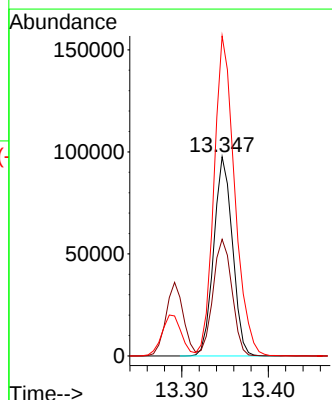
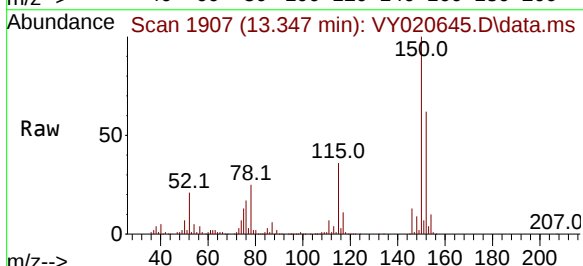
Tgt Ion:152 Resp: 146371

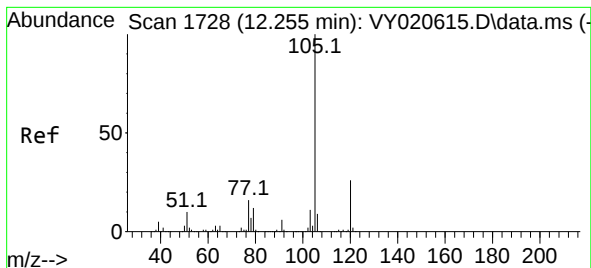
Ion Ratio Lower Upper

152 100

115 59.5 30.2 90.6

150 177.6 0.0 355.4





#73

Isopropylbenzene

Concen: 57.692 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

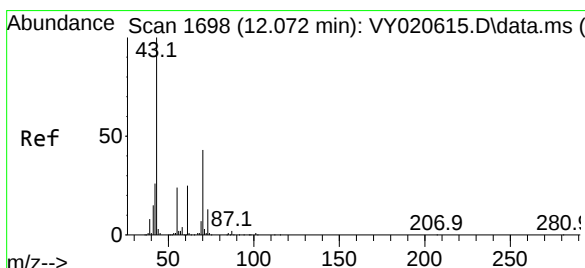
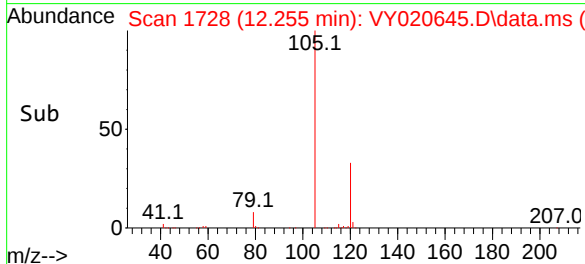
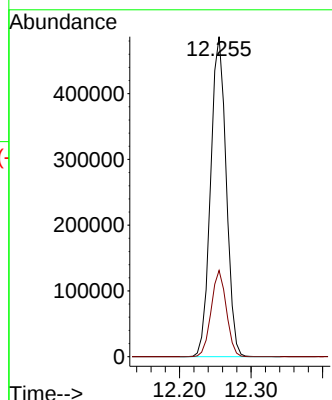
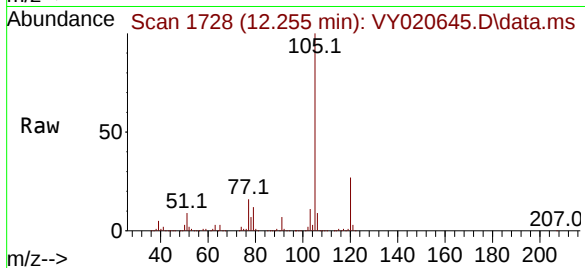
VSTDCCC050

Tgt Ion:105 Resp: 736909

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 56.850 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Tgt Ion: 43 Resp: 169942

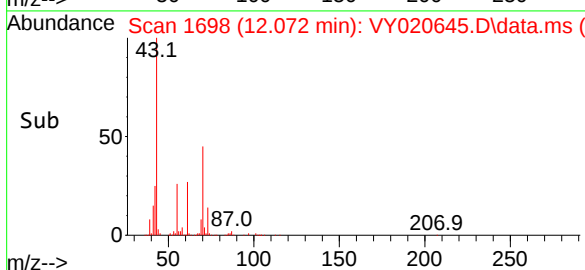
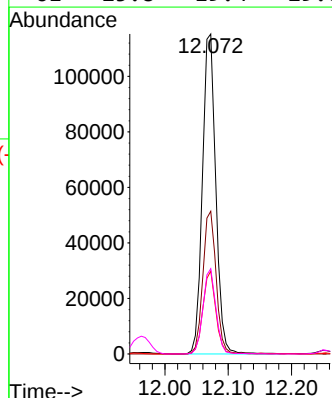
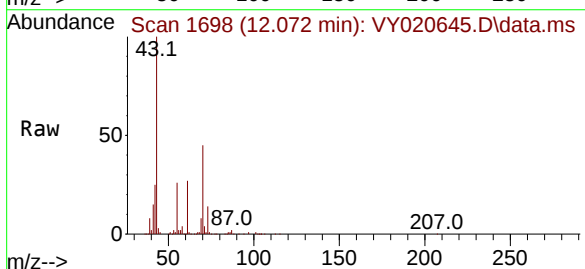
Ion Ratio Lower Upper

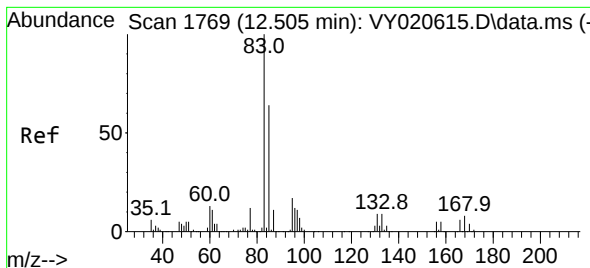
43 100

70 44.3 34.2 51.2

55 25.1 19.6 29.4

61 25.8 19.4 29.0

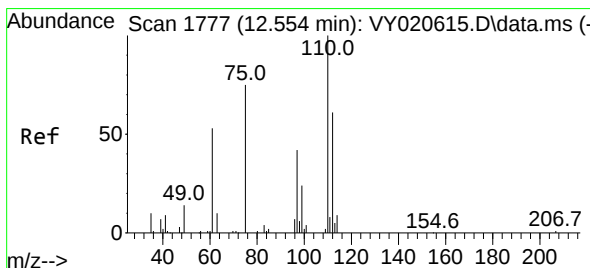
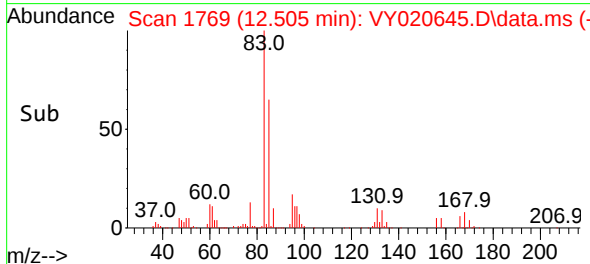
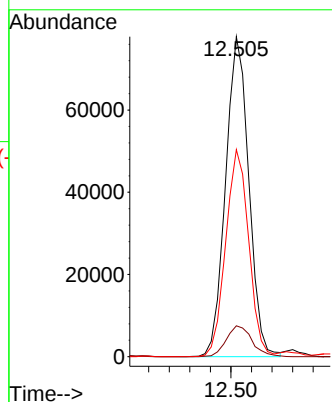
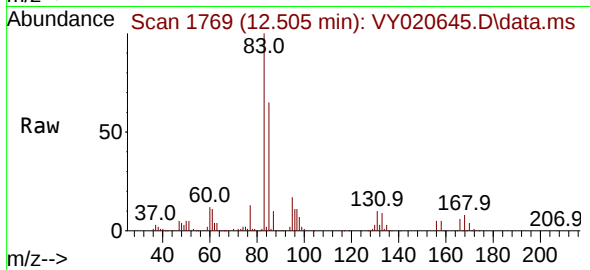




#75
 1,1,2,2-Tetrachloroethane
 Concen: 58.846 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY020645.D
 Acq: 19 Dec 2024 09:43

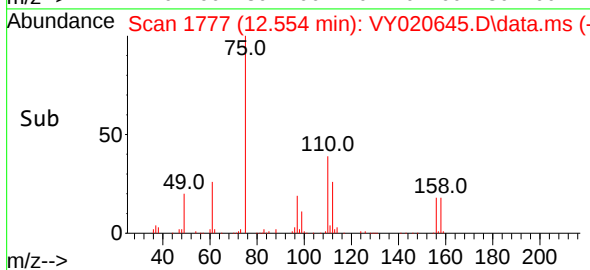
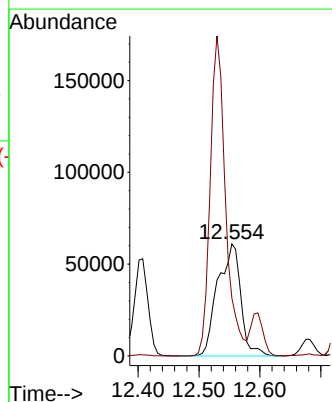
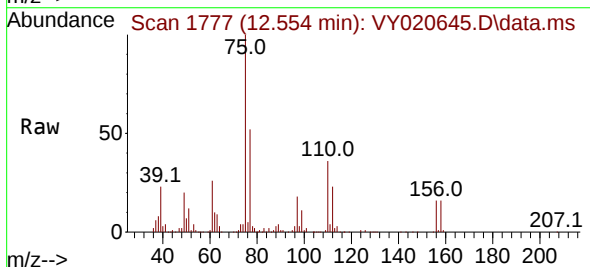
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

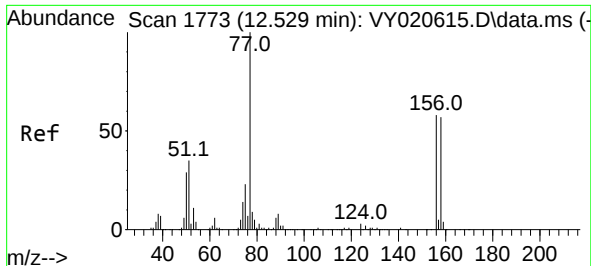
Tgt Ion: 83 Resp: 122009
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.2 15.6
 85 64.1 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 105.472 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY020645.D
 Acq: 19 Dec 2024 09:43

Tgt Ion: 75 Resp: 160371
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

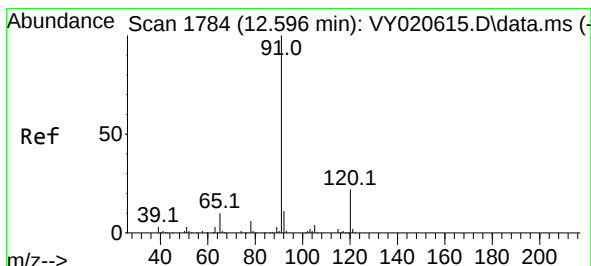
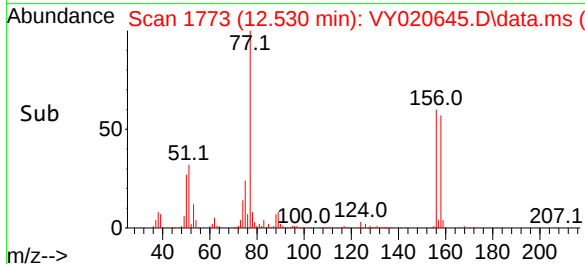
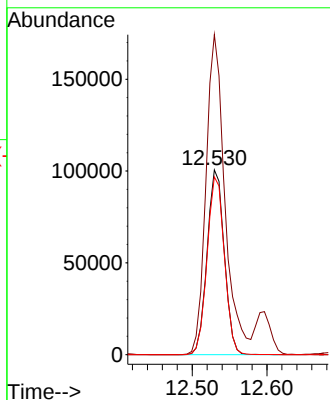
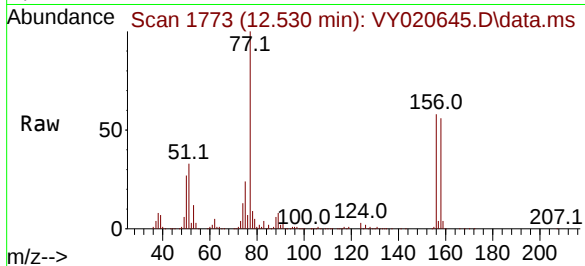




#77
Bromobenzene
Concen: 57.720 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

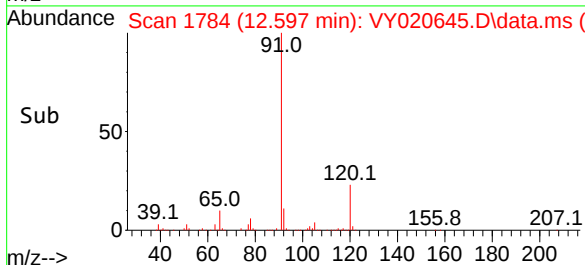
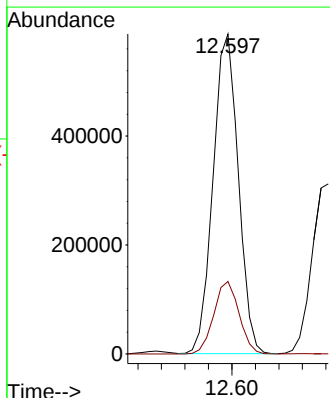
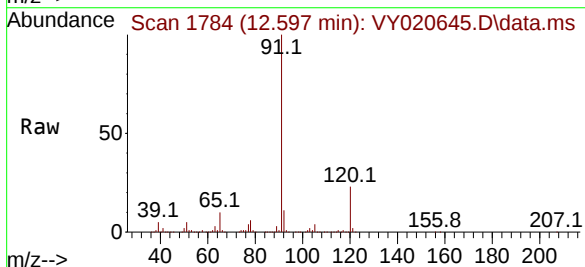
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

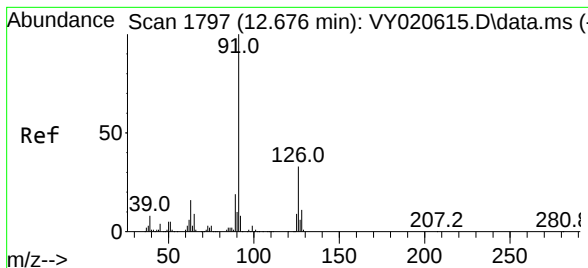
Tgt Ion:156 Resp: 160597
Ion Ratio Lower Upper
156 100
77 191.3 94.2 282.4
158 96.9 48.9 146.6



#78
n-propylbenzene
Concen: 56.859 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 91 Resp: 875016
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.1





#79

2-Chlorotoluene

Concen: 57.255 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

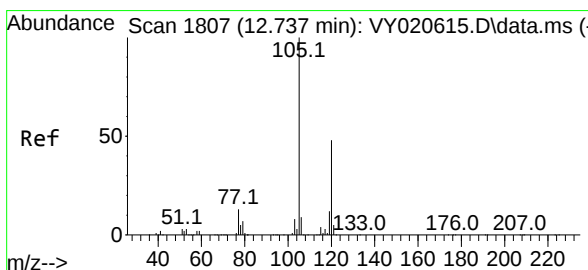
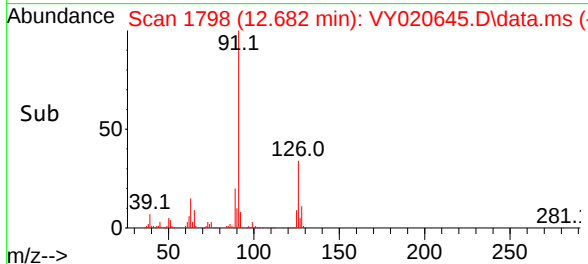
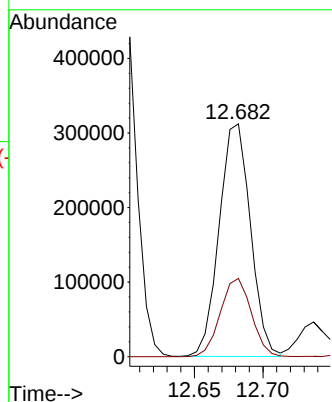
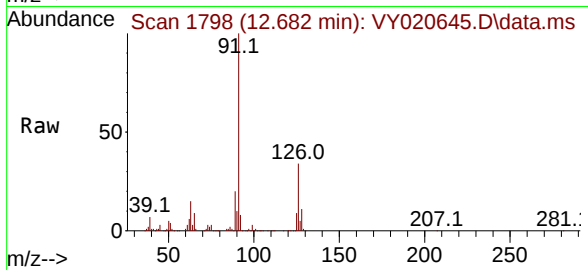
VSTDCCC050

Tgt Ion: 91 Resp: 495724

Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 56.716 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020645.D

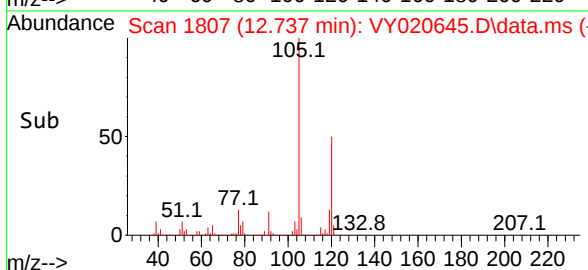
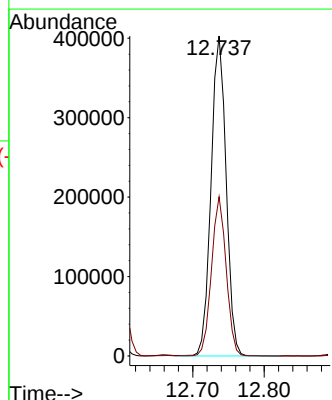
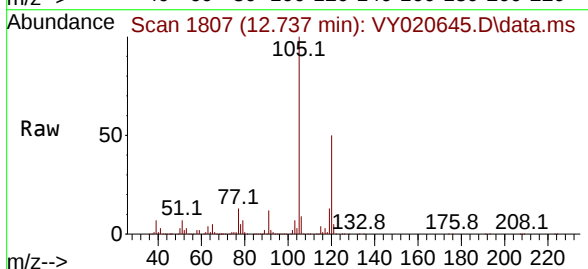
Acq: 19 Dec 2024 09:43

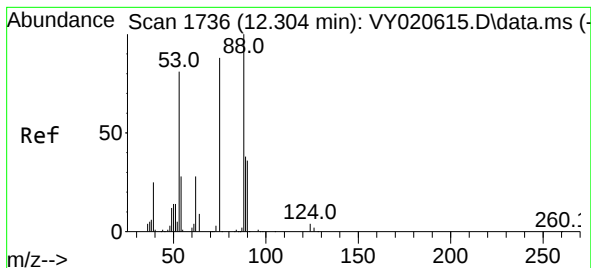
Tgt Ion: 105 Resp: 587819

Ion Ratio Lower Upper

105 100

120 48.6 23.9 71.7

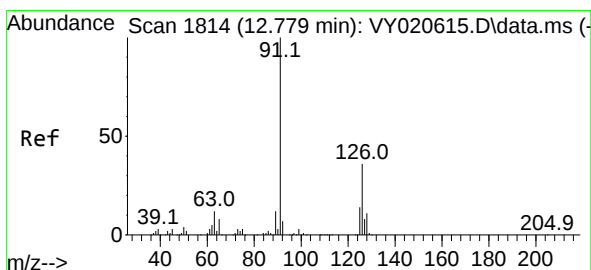
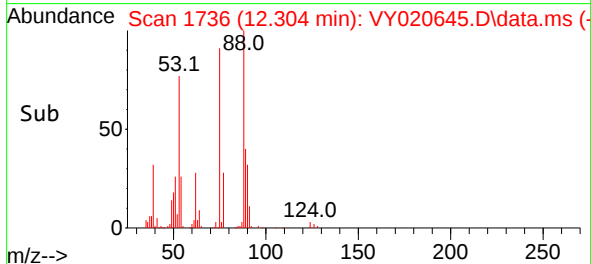
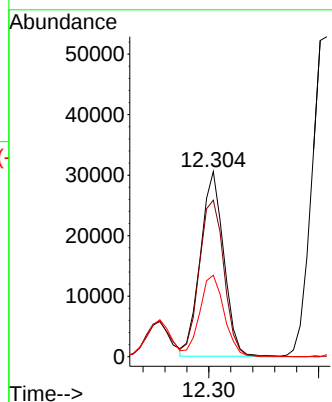
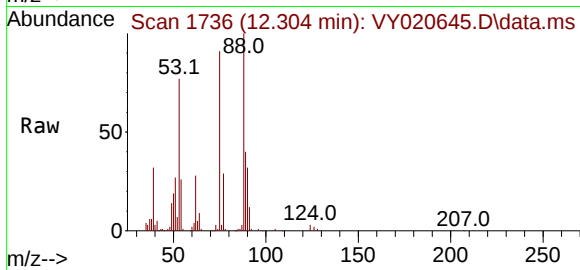




#81
trans-1,4-Dichloro-2-butene
Concen: 62.383 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

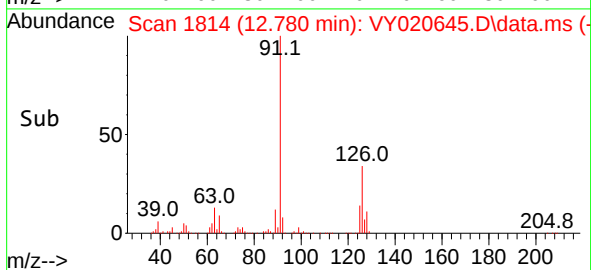
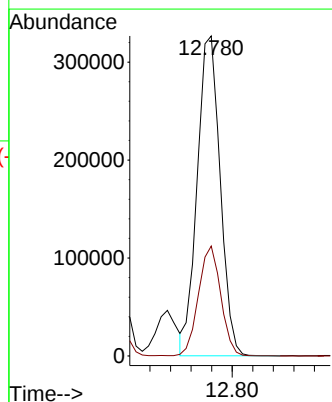
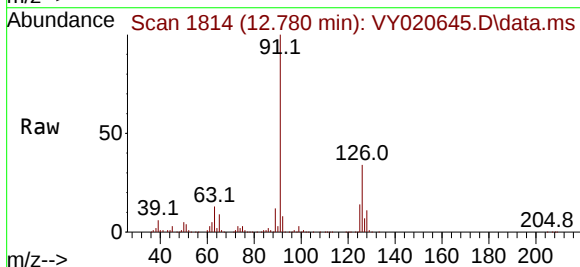
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

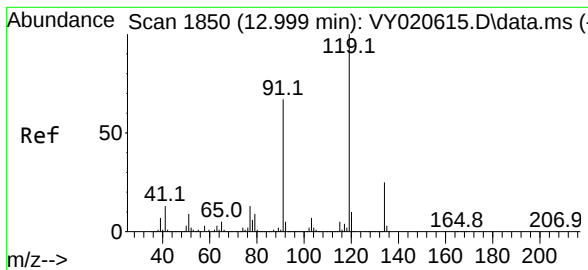
Tgt Ion: 75 Resp: 45189
Ion Ratio Lower Upper
75 100
53 90.3 75.4 113.2
89 46.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 56.500 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion: 91 Resp: 507510
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.7

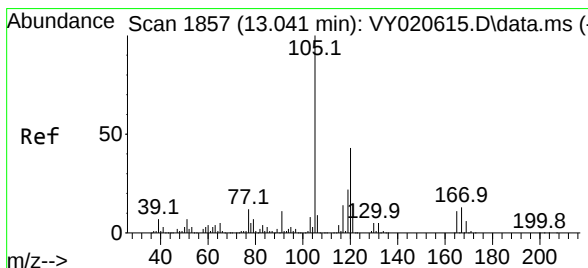
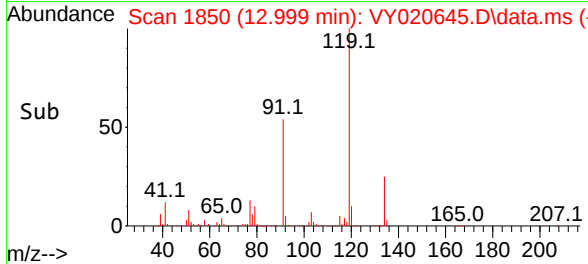
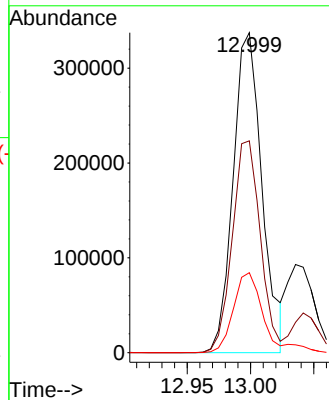
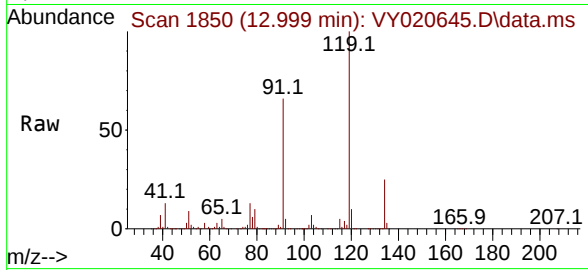




#83
tert-Butylbenzene
Concen: 57.066 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

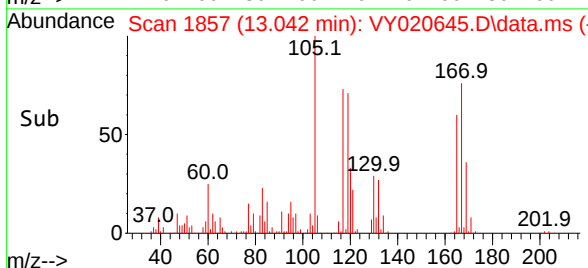
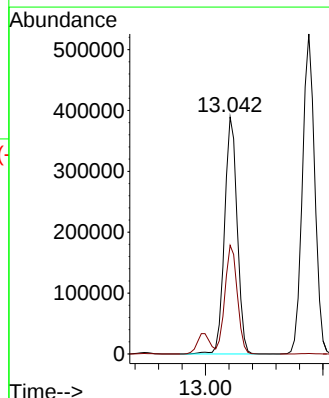
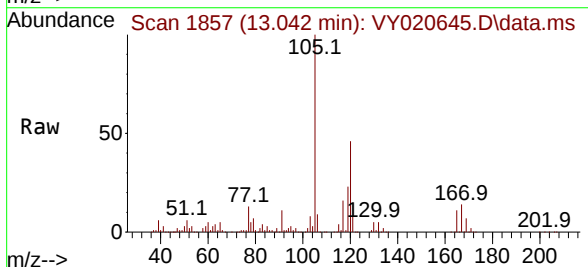
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

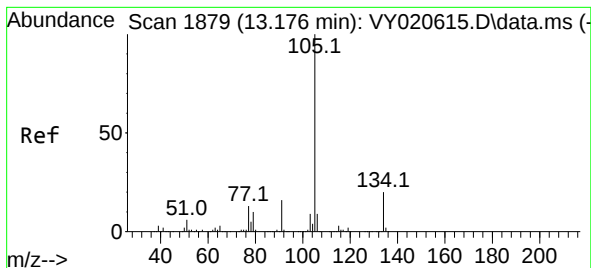
Tgt Ion:119 Resp: 535639
Ion Ratio Lower Upper
119 100
91 64.5 32.9 98.6
134 26.3 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 57.121 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion:105 Resp: 580706
Ion Ratio Lower Upper
105 100
120 45.0 21.8 65.4





#85

sec-Butylbenzene

Concen: 56.081 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

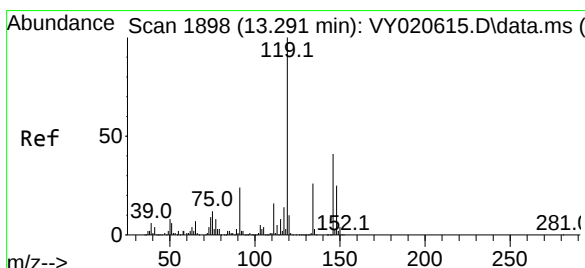
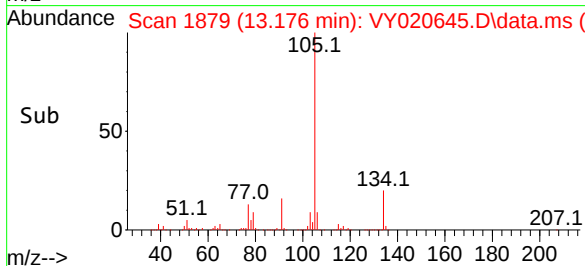
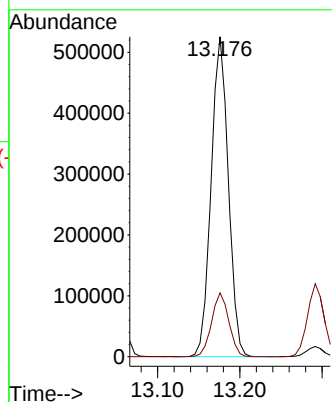
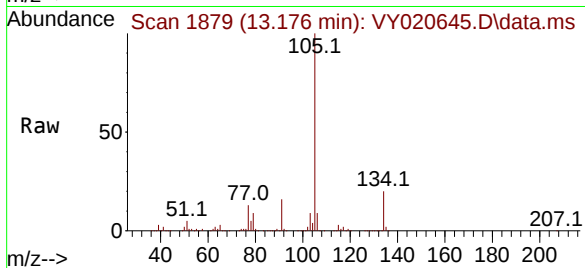
VSTDCCC050

Tgt Ion:105 Resp: 765369

Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0



#86

p-Isopropyltoluene

Concen: 57.008 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

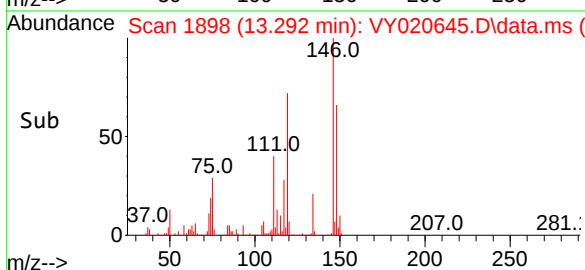
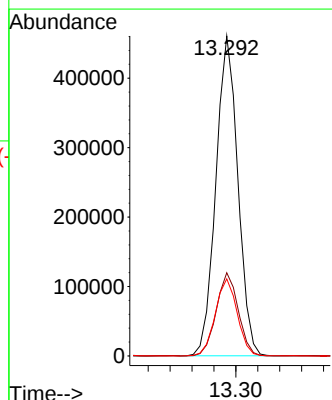
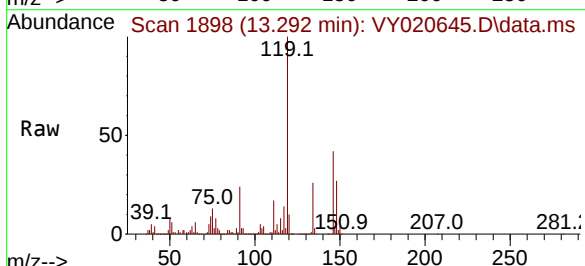
Tgt Ion:119 Resp: 641459

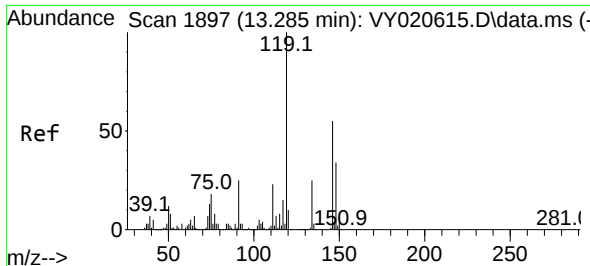
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 24.0 12.1 36.3

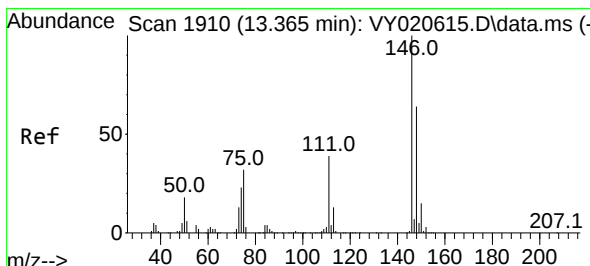
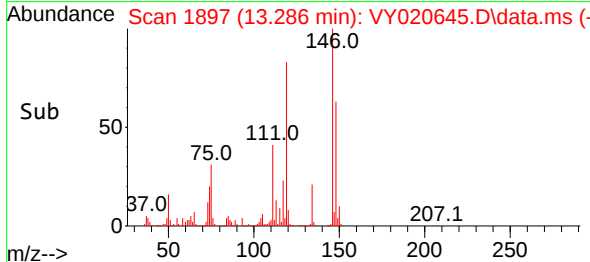
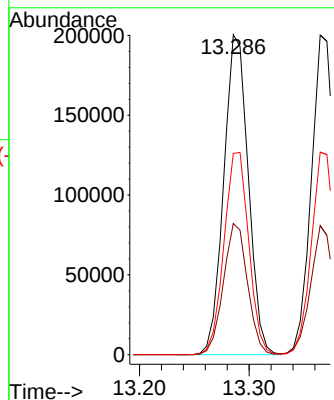
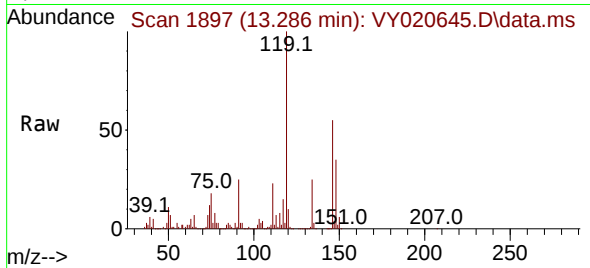




#87
1,3-Dichlorobenzene
Concen: 56.738 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

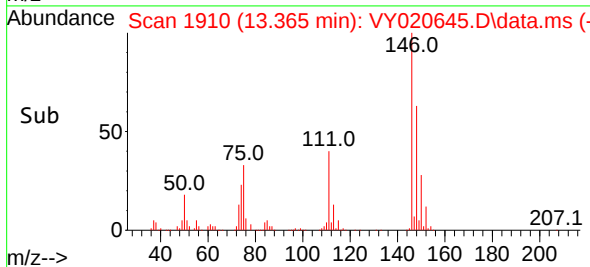
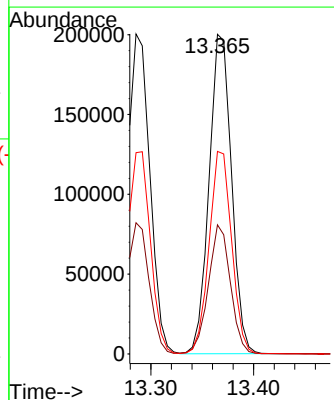
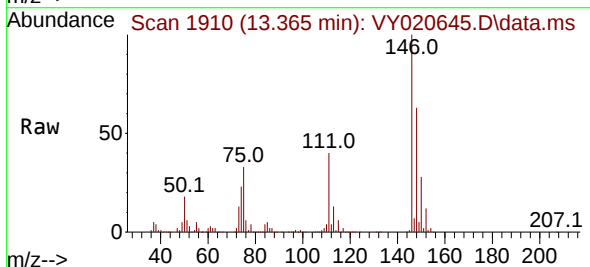
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

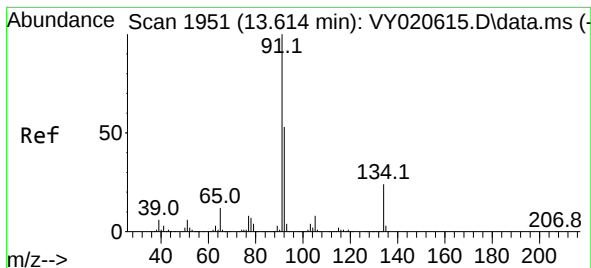
Tgt Ion:146 Resp: 311630
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 63.8 31.4 94.0



#88
1,4-Dichlorobenzene
Concen: 55.759 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY020645.D
Acq: 19 Dec 2024 09:43

Tgt Ion:146 Resp: 303316
Ion Ratio Lower Upper
146 100
111 39.8 19.6 58.7
148 64.0 31.9 95.5





#89

n-Butylbenzene

Concen: 56.308 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

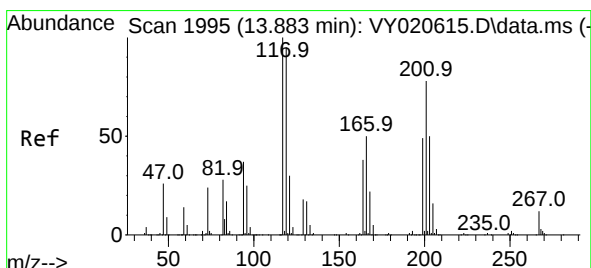
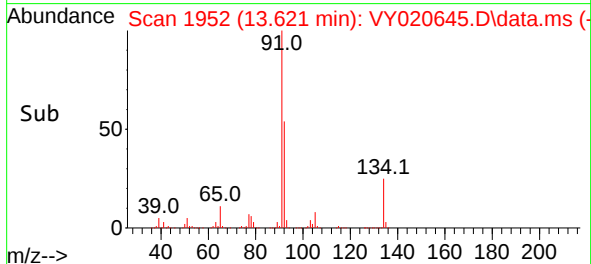
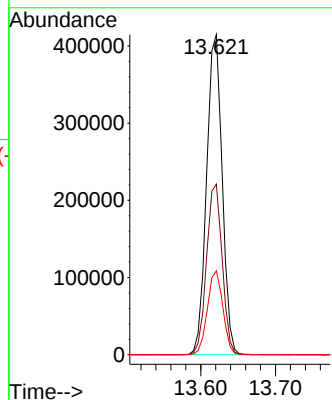
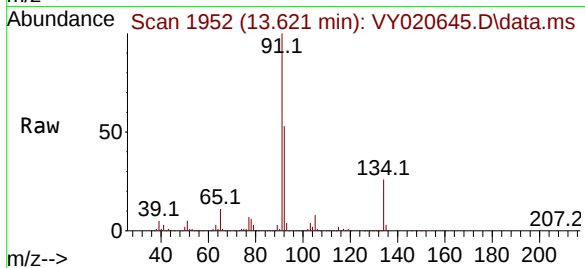
Tgt Ion: 91 Resp: 600466

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.4

134 26.0 12.5 37.5



#90

Hexachloroethane

Concen: 56.563 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020645.D

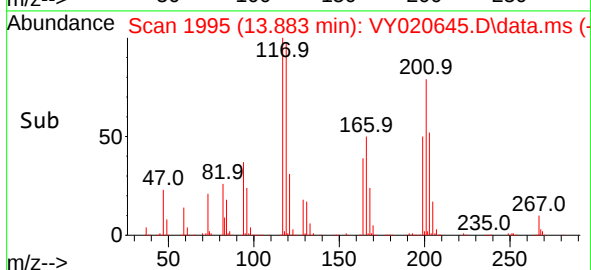
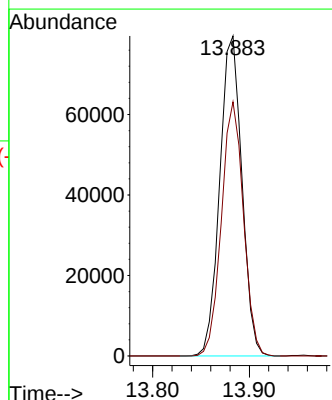
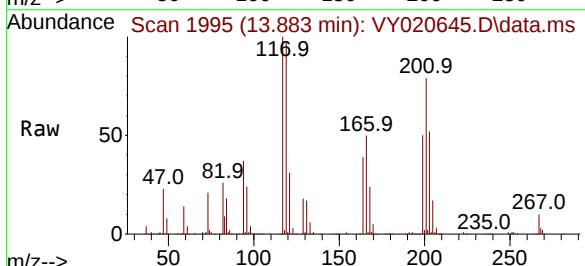
Acq: 19 Dec 2024 09:43

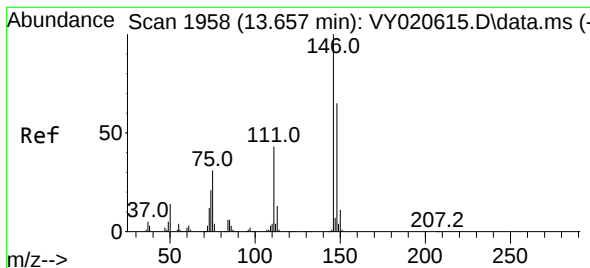
Tgt Ion: 117 Resp: 126128

Ion Ratio Lower Upper

117 100

201 78.9 39.1 117.3





#91

1,2-Dichlorobenzene

Concen: 56.390 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

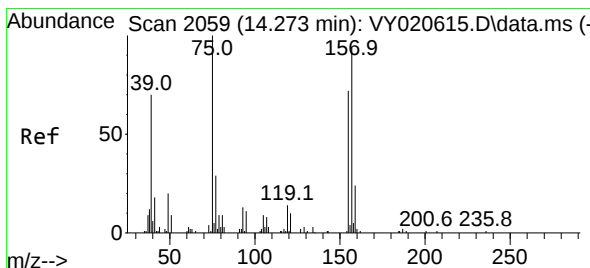
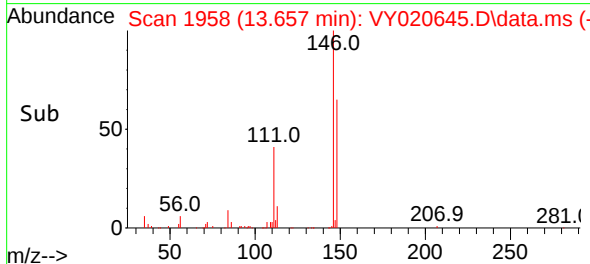
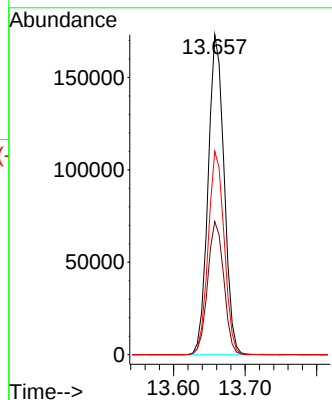
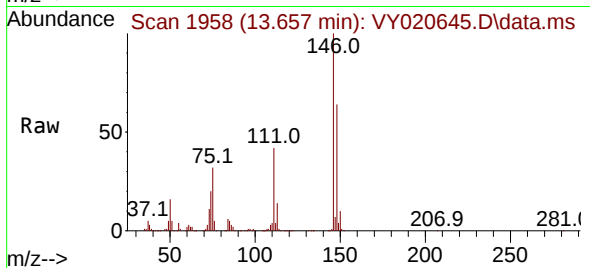
Tgt Ion:146 Resp: 268348

Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.7

148 63.7 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.200 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

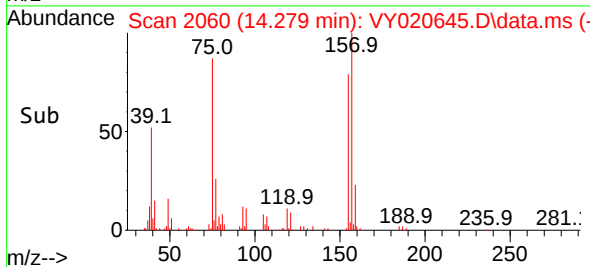
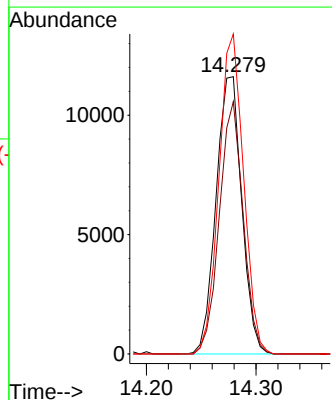
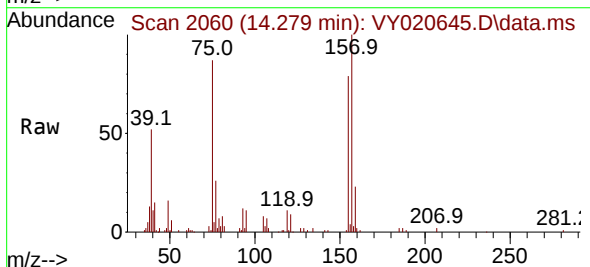
Tgt Ion: 75 Resp: 18918

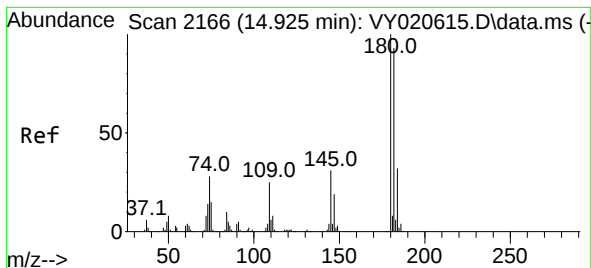
Ion Ratio Lower Upper

75 100

155 84.3 41.1 123.3

157 110.5 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 56.165 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

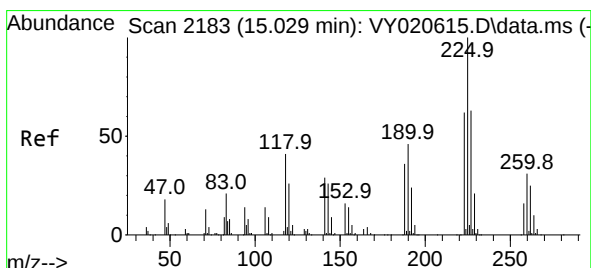
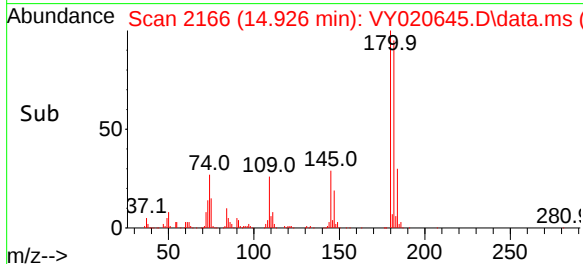
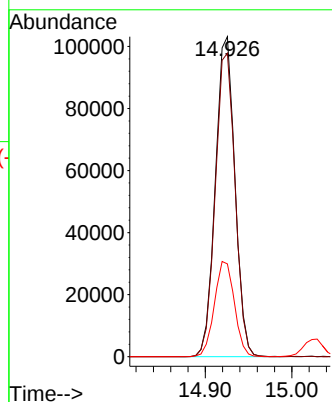
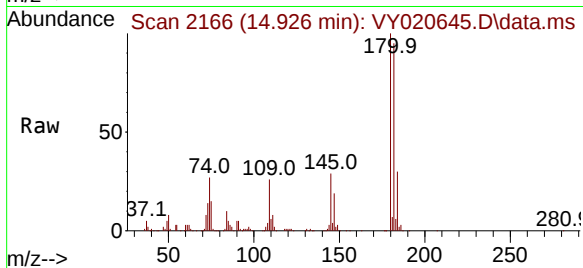
Tgt Ion:180 Resp: 161670

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.6

145 30.5 15.6 46.7



#94

Hexachlorobutadiene

Concen: 55.442 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

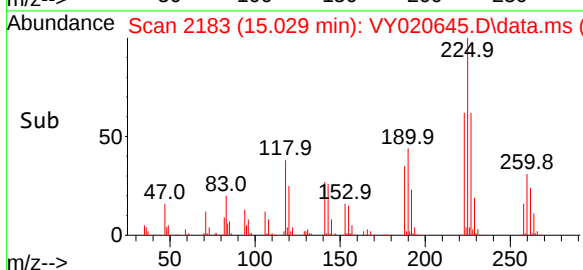
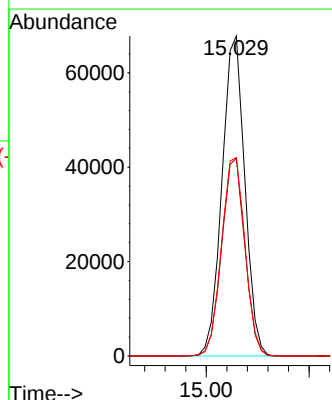
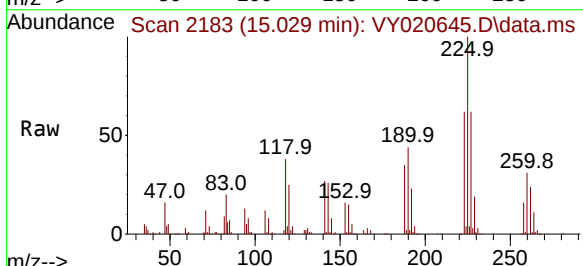
Tgt Ion:225 Resp: 104328

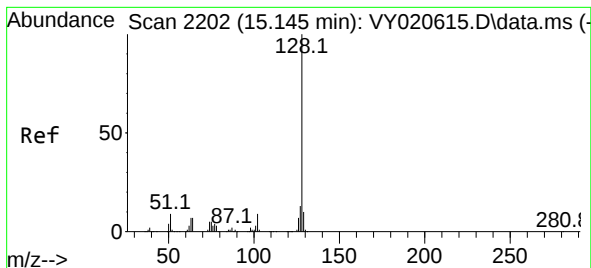
Ion Ratio Lower Upper

225 100

223 62.6 31.8 95.3

227 64.1 32.2 96.6





#95

Naphthalene

Concen: 58.518 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

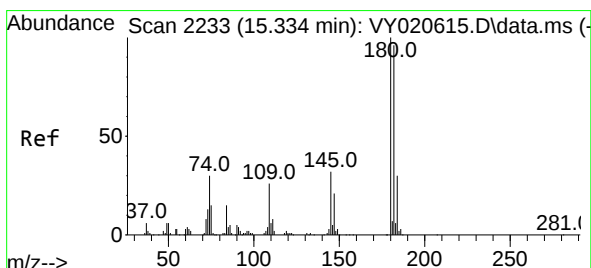
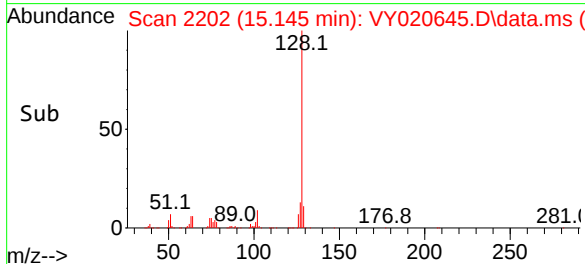
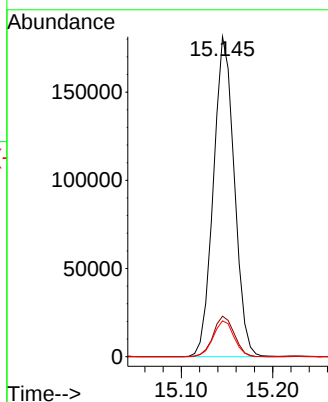
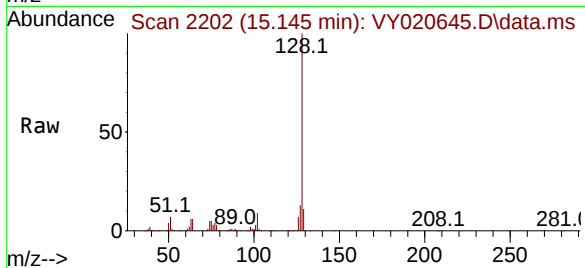
Tgt Ion:128 Resp: 288782

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 56.223 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020645.D

Acq: 19 Dec 2024 09:43

Tgt Ion:180 Resp: 136737

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 31.9 16.0 48.0

