

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019018.D
 Acq On : 13 Aug 2024 10:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 14 01:31:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	54699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	83308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	72671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	39119	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	24489	50.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.980%	
35) Dibromofluoromethane	7.622	113	28277	53.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.280%	
50) Toluene-d8	10.109	98	101316	49.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.140%	
62) 4-Bromofluorobenzene	12.408	95	30415	50.162	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	17713	47.112	ug/l	97
3) Chloromethane	2.068	50	43466	48.747	ug/l	91
4) Vinyl Chloride	2.202	62	60890	48.327	ug/l	97
5) Bromomethane	2.598	94	49613	49.353	ug/l	96
6) Chloroethane	2.733	64	42980	50.728	ug/l	97
7) Trichlorofluoromethane	3.043	101	79625	47.417	ug/l	98
8) Diethyl Ether	3.452	74	13326	51.480	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.806	101	27549	52.512	ug/l	96
10) Methyl Iodide	4.001	142	32530	57.424	ug/l	97
11) Tert butyl alcohol	4.842	59	9227	214.366	ug/l #	73
12) 1,1-Dichloroethene	3.787	96	25144	50.732	ug/l	94
13) Acrolein	3.641	56	11094	219.778	ug/l	98
14) Allyl chloride	4.373	41	34150	51.519	ug/l #	83
15) Acrylonitrile	5.037	53	28293	278.803	ug/l	96
16) Acetone	3.854	43	33059	281.299	ug/l #	86
17) Carbon Disulfide	4.098	76	73649	49.988	ug/l	99
18) Methyl Acetate	4.373	43	13940	52.224	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	60040	49.251	ug/l	99
20) Methylene Chloride	4.604	84	28506	51.921	ug/l #	90
21) trans-1,2-Dichloroethene	5.110	96	29281	53.395	ug/l	93
22) Diisopropyl ether	6.006	45	77112	53.363	ug/l #	84
23) Vinyl Acetate	5.945	43	347582	278.711	ug/l #	91
24) 1,1-Dichloroethane	5.909	63	46697	52.676	ug/l	100
25) 2-Butanone	6.878	43	44448	285.845	ug/l	93
26) 2,2-Dichloropropane	6.878	77	39828	47.735	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	34919	53.220	ug/l	99
28) Bromochloromethane	7.238	49	20817	51.006	ug/l	93
29) Tetrahydrofuran	7.250	42	25461	277.689	ug/l	90
30) Chloroform	7.409	83	52844	55.725	ug/l	99
31) Cyclohexane	7.689	56	38776	51.766	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	45931	53.584	ug/l	93
36) 1,1-Dichloropropene	7.823	75	36486	51.084	ug/l	98
37) Ethyl Acetate	6.970	43	18212	55.787	ug/l #	95
38) Carbon Tetrachloride	7.817	117	44013	53.745	ug/l	94
39) Methylcyclohexane	9.097	83	48591	50.542	ug/l	94
40) Benzene	8.073	78	116254	54.744	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019018.D
 Acq On : 13 Aug 2024 10:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 14 01:31:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	6709	45.823	ug/l #	83
42) 1,2-Dichloroethane	8.146	62	28490	53.890	ug/l	100
43) Isopropyl Acetate	8.189	43	35703	53.776	ug/l #	77
44) Trichloroethene	8.860	130	33009	54.531	ug/l	89
45) 1,2-Dichloropropane	9.134	63	26152	55.037	ug/l	99
46) Dibromomethane	9.225	93	17662	57.525	ug/l	99
47) Bromodichloromethane	9.420	83	40845	56.848	ug/l	97
48) Methyl methacrylate	9.219	41	15898	54.814	ug/l #	73
49) 1,4-Dioxane	9.213	88	3848	1060.820	ug/l #	99
51) 4-Methyl-2-Pentanone	9.993	43	98224	286.865	ug/l #	85
52) Toluene	10.170	92	79621	56.443	ug/l	94
53) t-1,3-Dichloropropene	10.396	75	34296	53.527	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	41063	53.953	ug/l #	81
55) 1,1,2-Trichloroethane	10.573	97	21023	55.757	ug/l	88
56) Ethyl methacrylate	10.438	69	26715	52.329	ug/l #	71
57) 1,3-Dichloropropane	10.719	76	35406	57.032	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.707	63	64687	245.779	ug/l	93
59) 2-Hexanone	10.762	43	72137	293.695	ug/l	83
60) Dibromochloromethane	10.914	129	29822	58.994	ug/l	97
61) 1,2-Dibromoethane	11.018	107	20505	56.322	ug/l	97
64) Tetrachloroethene	10.646	164	35261	57.882	ug/l	96
65) Chlorobenzene	11.444	112	88728	55.608	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	31765	56.917	ug/l	94
67) Ethyl Benzene	11.524	91	150211	54.375	ug/l	97
68) m/p-Xylenes	11.633	106	126793	111.932	ug/l	91
69) o-Xylene	11.957	106	58787	56.230	ug/l	91
70) Styrene	11.969	104	97504	56.622	ug/l	99
71) Bromoform	12.133	173	17306	59.631	ug/l #	97
73) Isopropylbenzene	12.255	105	143941	50.692	ug/l	97
74) N-amyl acetate	12.072	43	33482	51.098	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.511	83	24567	53.611	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	30129	103.383	ug/l #	100
77) Bromobenzene	12.536	156	36590	55.314	ug/l	86
78) n-propylbenzene	12.597	91	171249	50.954	ug/l	97
79) 2-Chlorotoluene	12.682	91	88503	50.866	ug/l	91
80) 1,3,5-Trimethylbenzene	12.743	105	116531	52.368	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	7044	49.805	ug/l	89
82) 4-Chlorotoluene	12.780	91	91824	51.547	ug/l	91
83) tert-Butylbenzene	12.999	119	105280	50.089	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	115088	50.983	ug/l	95
85) sec-Butylbenzene	13.182	105	159992	52.551	ug/l	98
86) p-Isopropyltoluene	13.298	119	138939	52.703	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	75244	55.685	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	71623	54.351	ug/l	98
89) n-Butylbenzene	13.621	91	119411	51.604	ug/l	97
90) Hexachloroethane	13.883	117	26505	53.283	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	60932	54.846	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3005	47.672	ug/l	89
93) 1,2,4-Trichlorobenzene	14.926	180	34720	56.756	ug/l	98
94) Hexachlorobutadiene	15.029	225	18751	55.890	ug/l	96
95) Naphthalene	15.145	128	60210	55.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	29863	56.874	ug/l	98

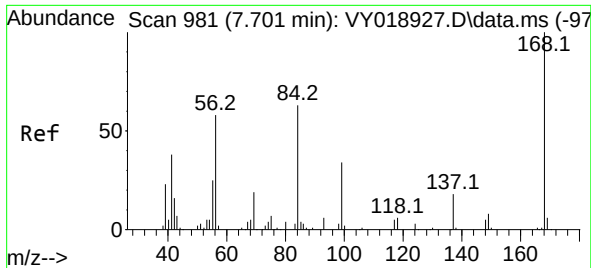
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
Data File : VY019018.D
Acq On : 13 Aug 2024 10:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Aug 14 01:31:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

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

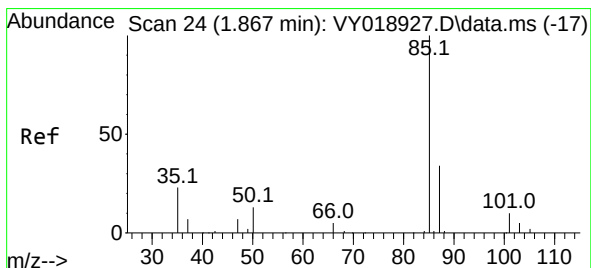
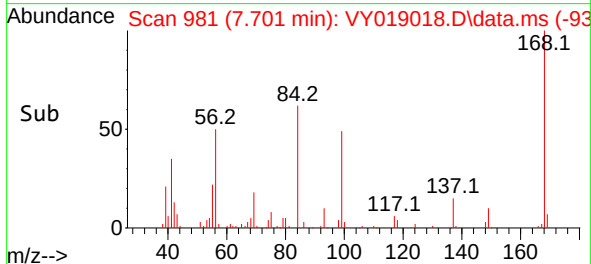
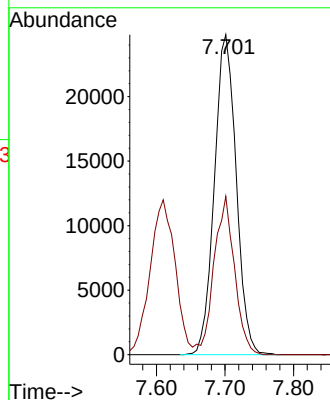
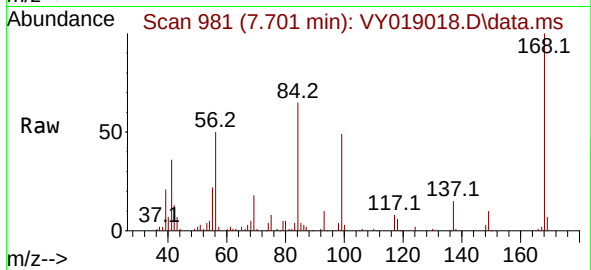
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

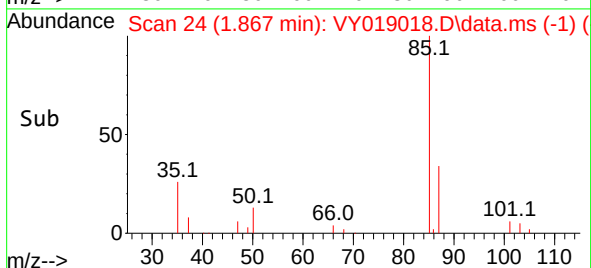
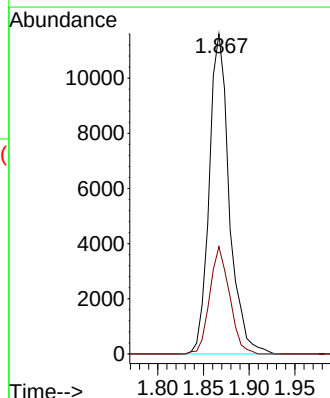
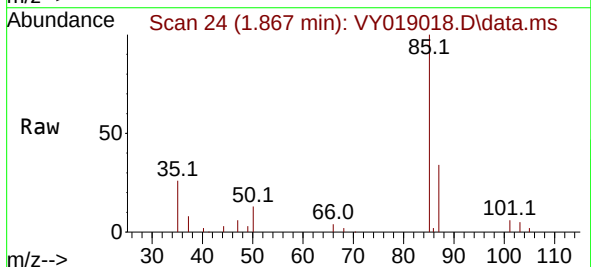
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

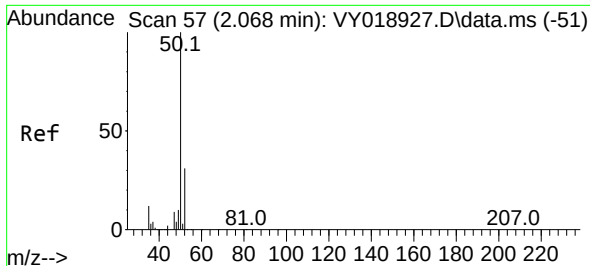
Tgt Ion:168 Resp: 54699
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.112 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 85 Resp: 17713
Ion Ratio Lower Upper
85 100
87 33.6 16.0 48.0

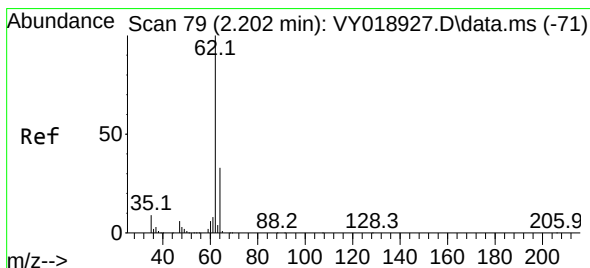
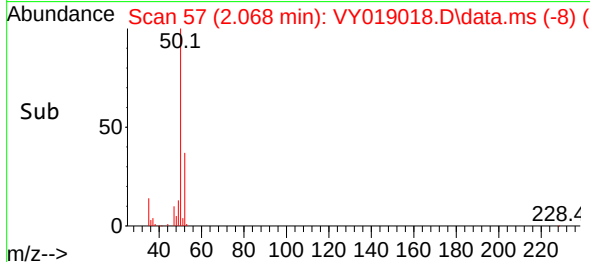
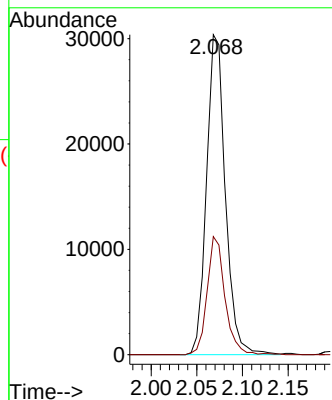
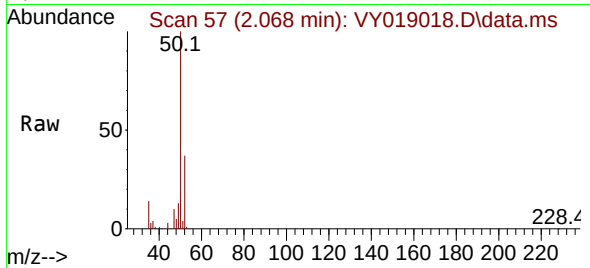




#3
Chloromethane
Concen: 48.747 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

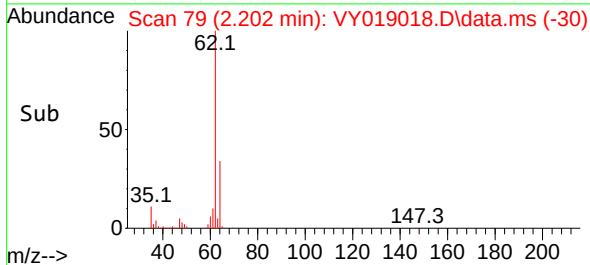
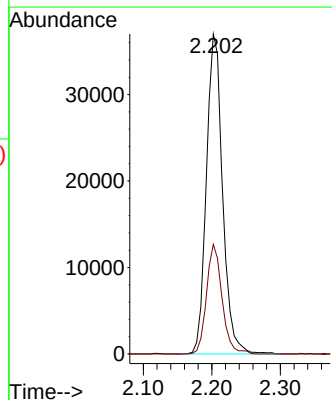
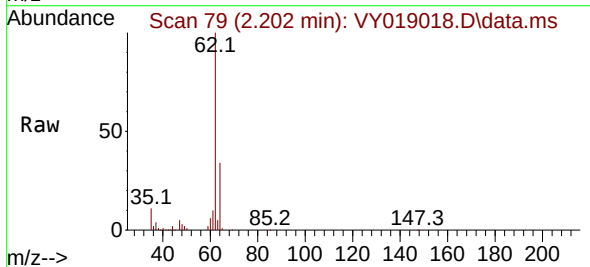
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

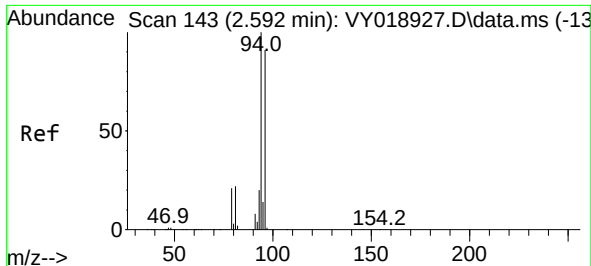
Tgt Ion: 50 Resp: 43466
Ion Ratio Lower Upper
50 100
52 36.9 25.6 38.4



#4
Vinyl Chloride
Concen: 48.327 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 62 Resp: 60890
Ion Ratio Lower Upper
62 100
64 34.3 26.1 39.1

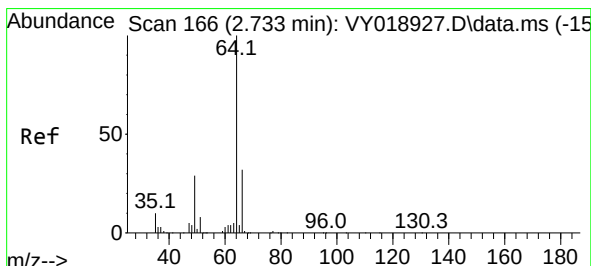
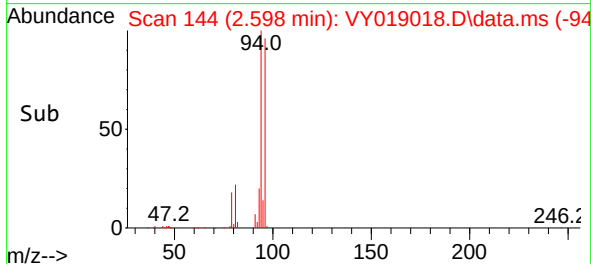
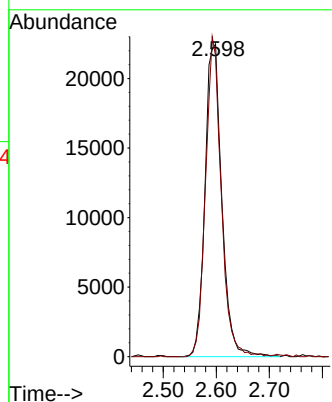
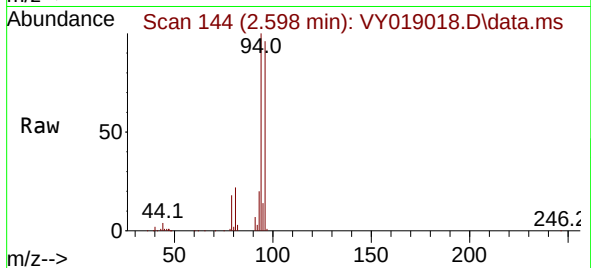




#5
Bromomethane
Concen: 49.353 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

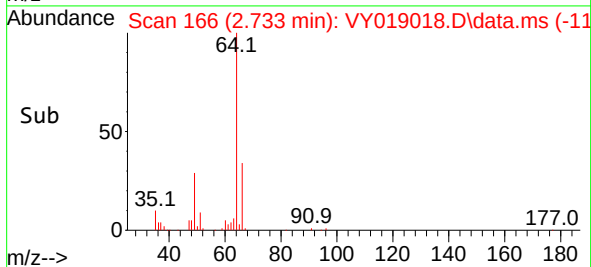
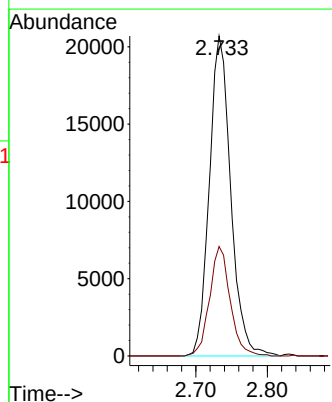
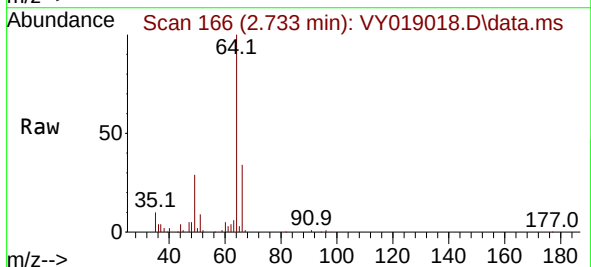
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

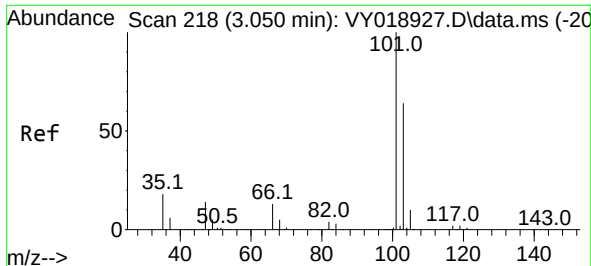
Tgt Ion: 94 Resp: 49613
Ion Ratio Lower Upper
94 100
96 96.2 74.1 111.1



#6
Chloroethane
Concen: 50.728 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 64 Resp: 42980
Ion Ratio Lower Upper
64 100
66 34.2 26.1 39.1

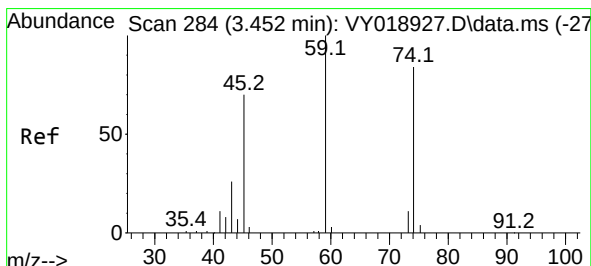
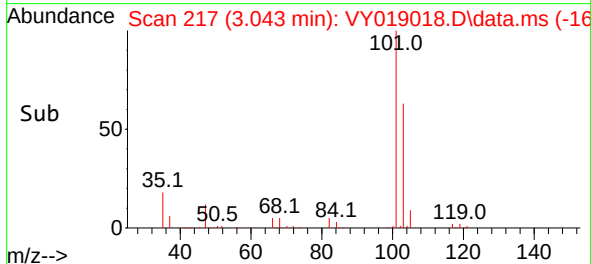
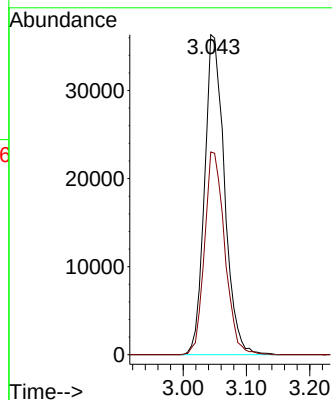
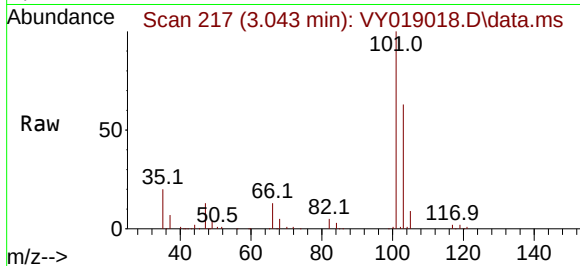




#7
 Trichlorofluoromethane
 Concen: 47.417 ug/l
 RT: 3.043 min Scan# 218
 Delta R.T. -0.006 min
 Lab File: VY019018.D
 Acq: 13 Aug 2024 10:02

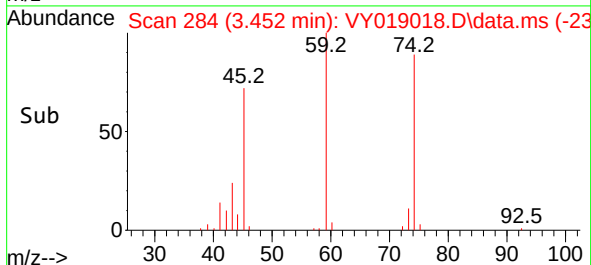
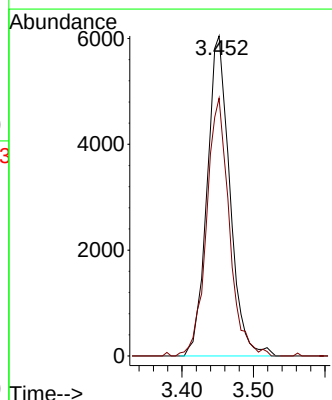
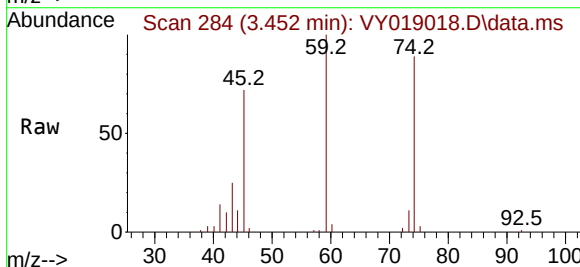
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

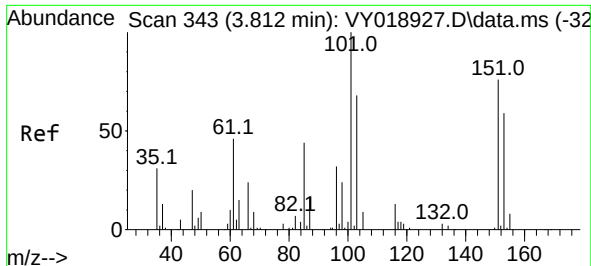
Tgt Ion:101 Resp: 79625
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 51.480 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY019018.D
 Acq: 13 Aug 2024 10:02

Tgt Ion: 74 Resp: 13326
 Ion Ratio Lower Upper
 74 100
 45 80.9 41.3 124.1

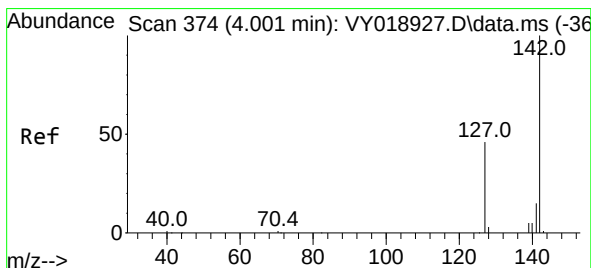
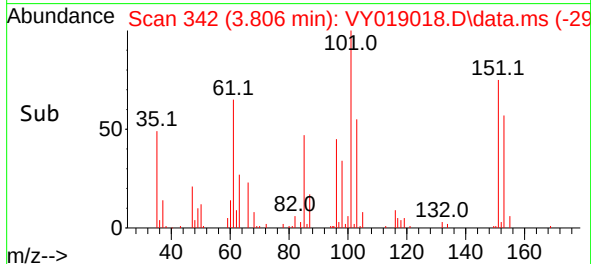
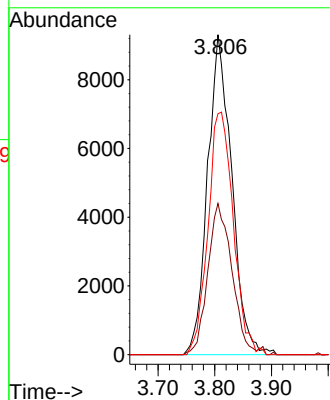
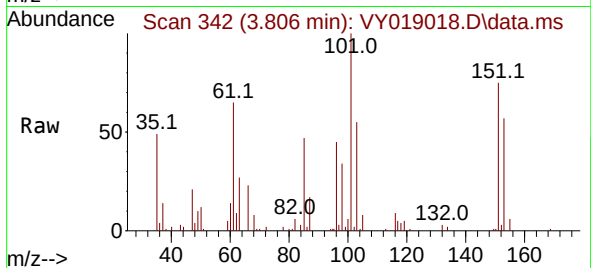




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.512 ug/l
RT: 3.806 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

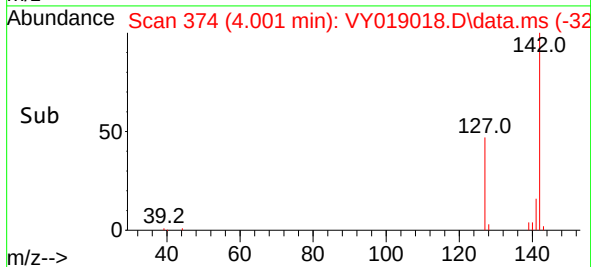
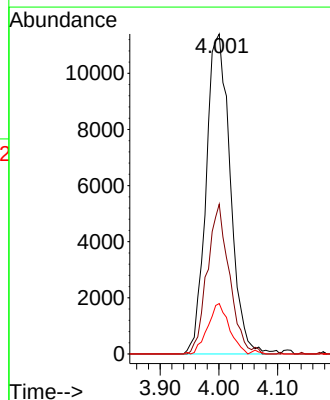
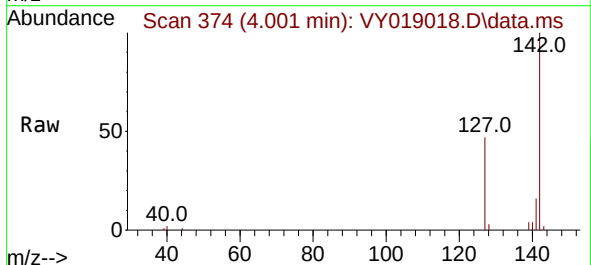
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

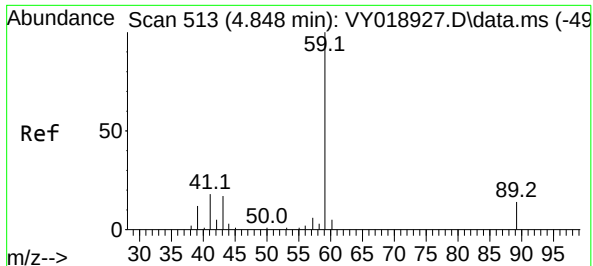
Tgt Ion:101 Resp: 27549
Ion Ratio Lower Upper
101 100
85 47.6 34.5 51.7
151 79.5 61.7 92.5



#10
Methyl Iodide
Concen: 57.424 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion:142 Resp: 32530
Ion Ratio Lower Upper
142 100
127 43.1 32.8 49.2
141 14.1 11.4 17.2

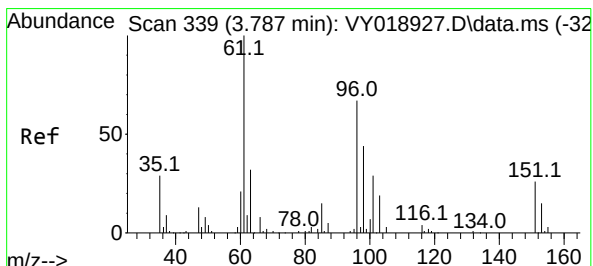
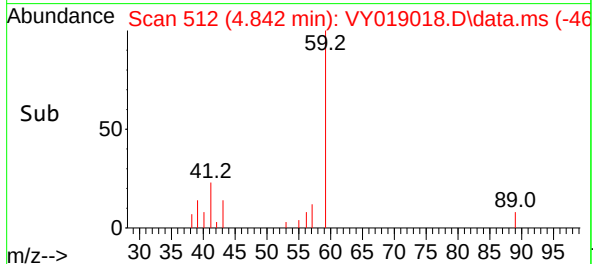
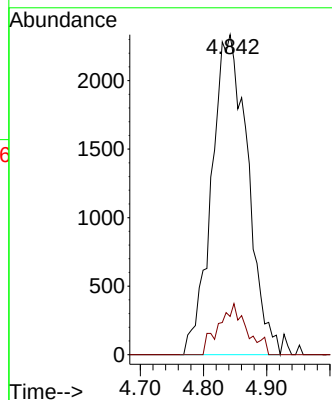
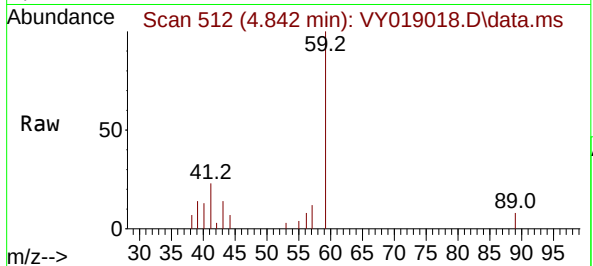




#11
Tert butyl alcohol
Concen: 214.366 ug/l
RT: 4.842 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

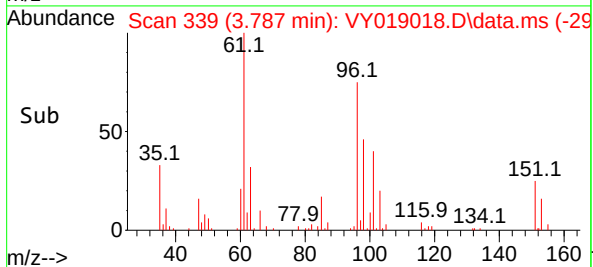
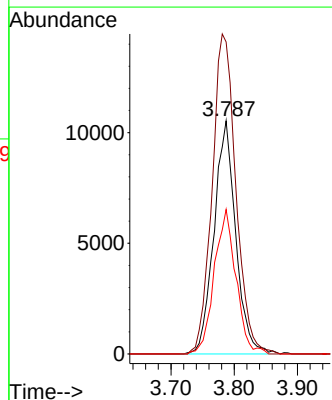
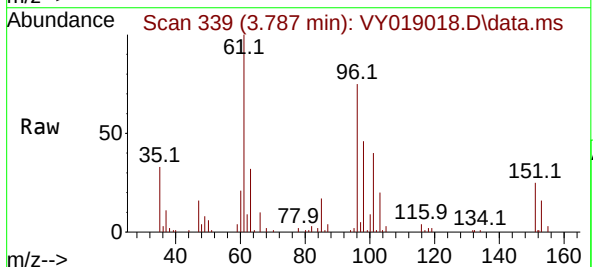
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

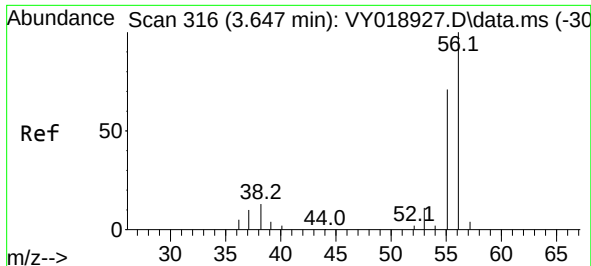
Tgt Ion: 59 Resp: 9227
Ion Ratio Lower Upper
59 100
57 12.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.732 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 96 Resp: 25144
Ion Ratio Lower Upper
96 100
61 133.9 114.6 171.8
98 62.0 50.8 76.2





#13

Acrolein

Concen: 219.778 ug/l

RT: 3.641 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

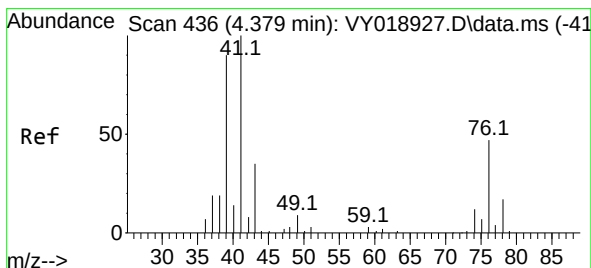
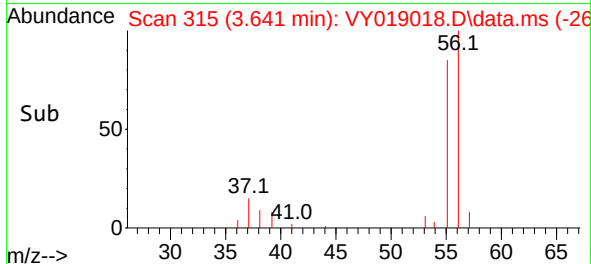
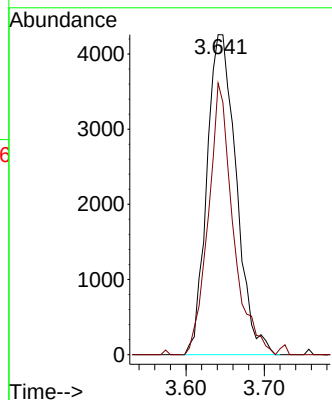
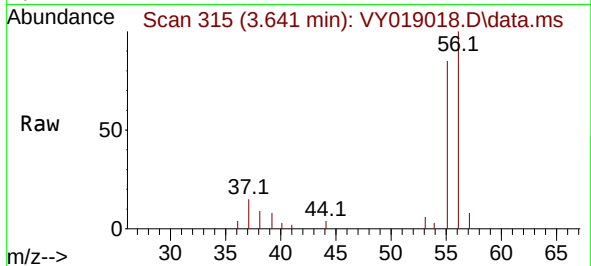
VSTDCCC050

Tgt Ion: 56 Resp: 11094

Ion Ratio Lower Upper

56 100

55 71.5 55.7 83.5



#14

Allyl chloride

Concen: 51.519 ug/l

RT: 4.373 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

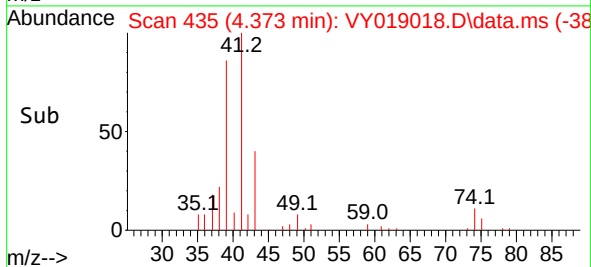
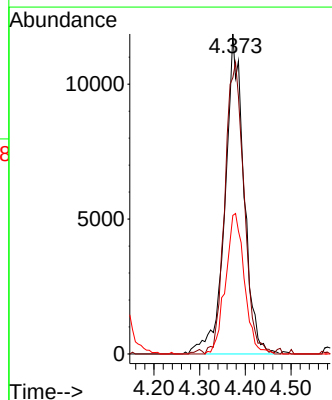
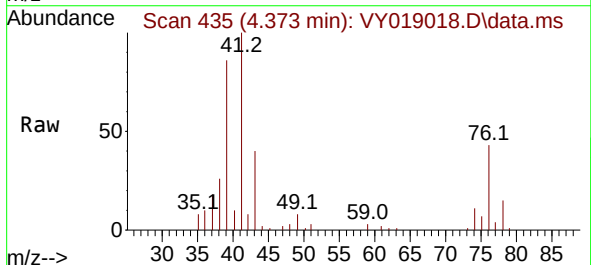
Tgt Ion: 41 Resp: 34150

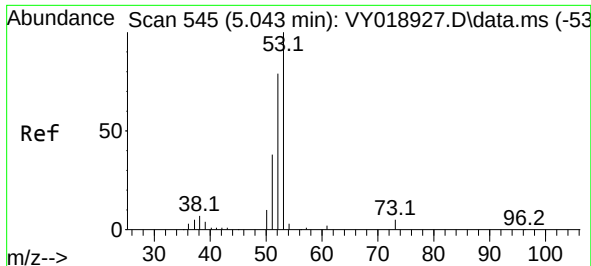
Ion Ratio Lower Upper

41 100

39 92.1 58.3 87.5#

76 43.8 39.0 58.6

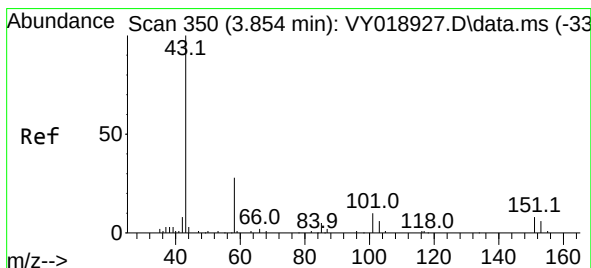
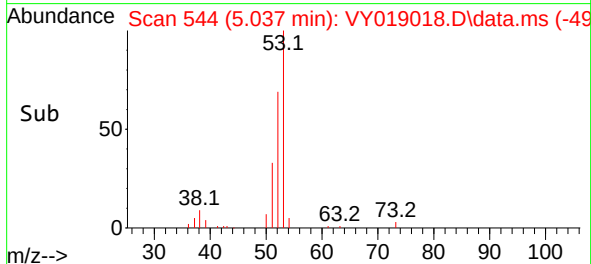
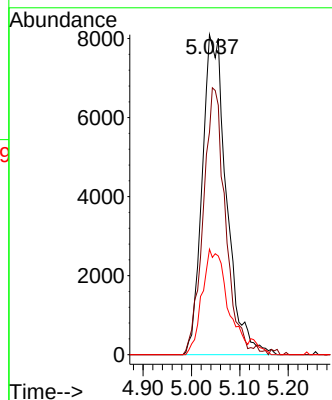
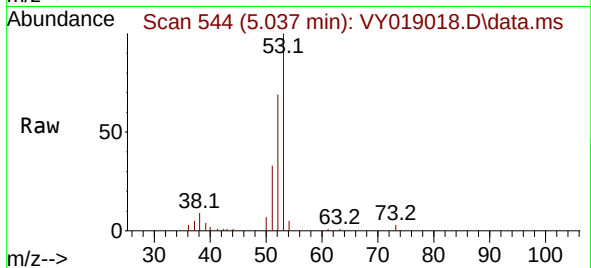




#15
Acrylonitrile
Concen: 278.803 ug/l
RT: 5.037 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

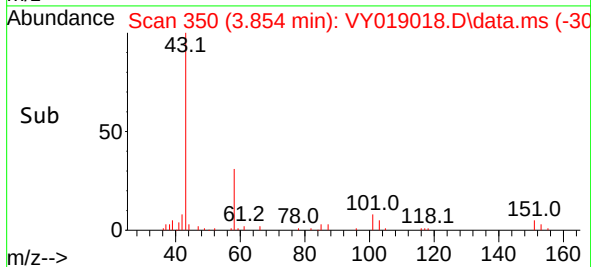
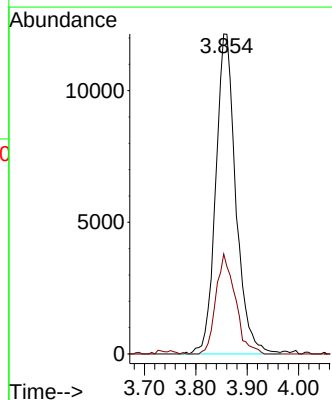
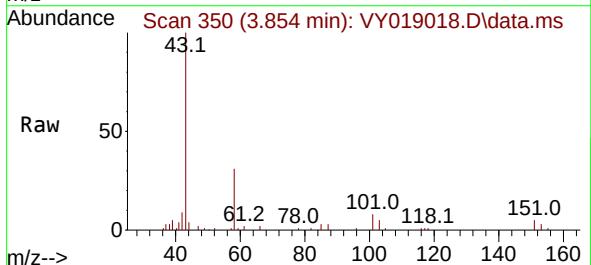
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

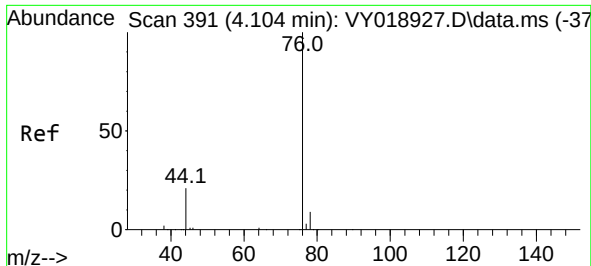
Tgt Ion:	53	Resp:	28293
Ion	Ratio	Lower	Upper
53	100		
52	76.0	64.7	97.1
51	34.5	28.4	42.6



#16
Acetone
Concen: 281.299 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion:	43	Resp:	33059
Ion	Ratio	Lower	Upper
43	100		
58	31.2	31.7	47.5#

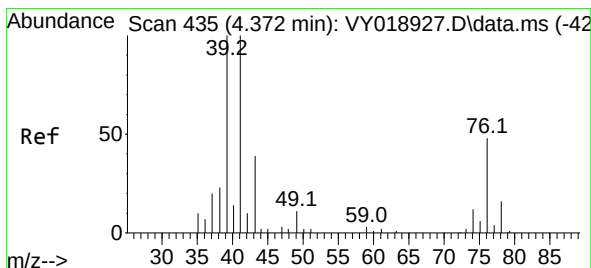
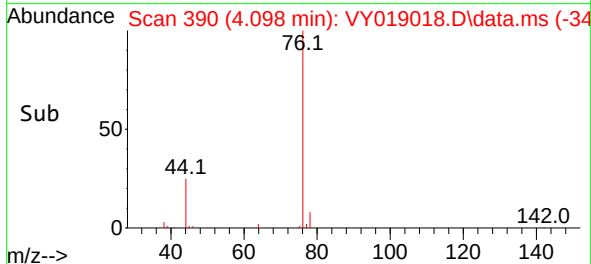
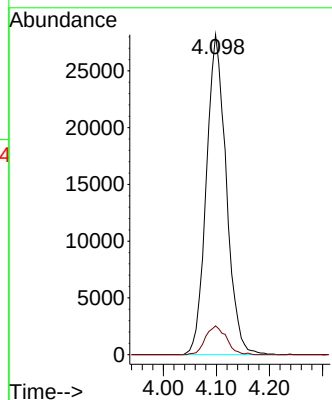
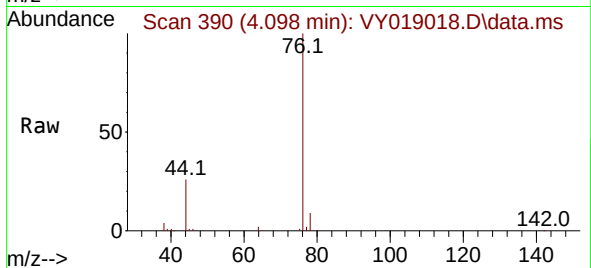




#17
Carbon Disulfide
Concen: 49.988 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

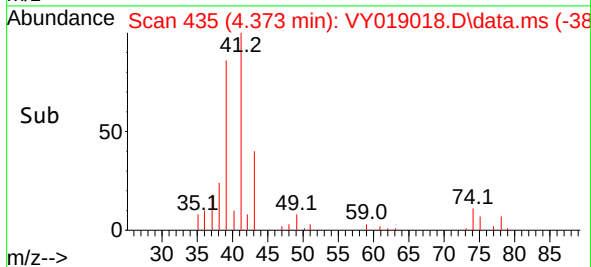
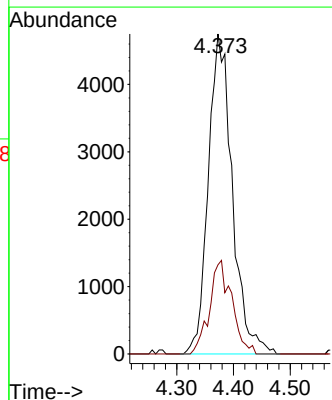
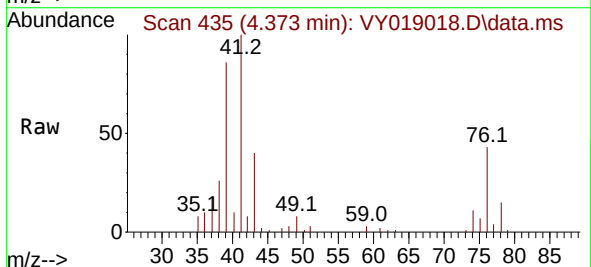
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

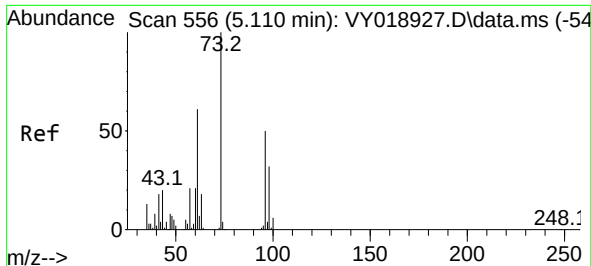
Tgt Ion: 76 Resp: 73649
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 52.224 ug/l
RT: 4.373 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 43 Resp: 13940
Ion Ratio Lower Upper
43 100
74 27.2 23.3 34.9

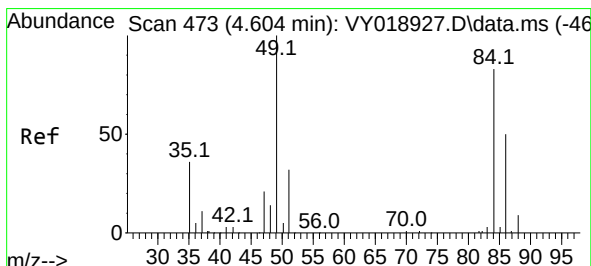
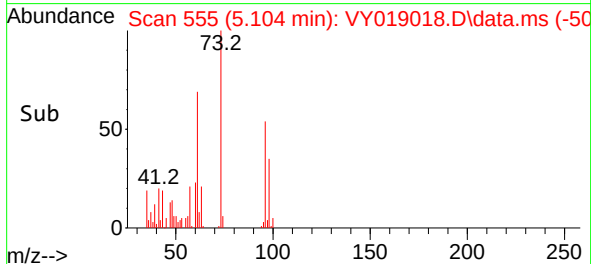
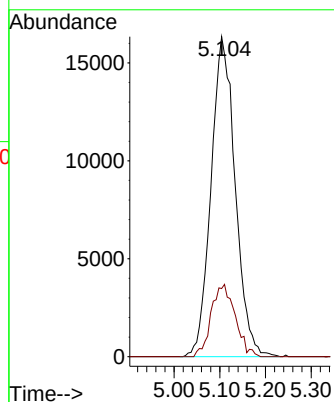
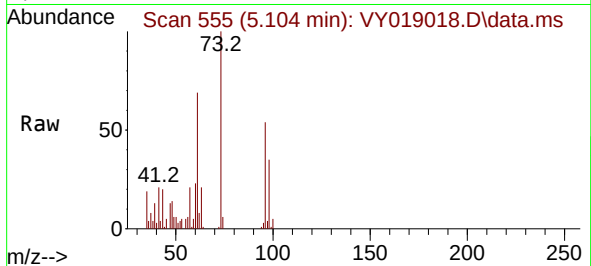




#19
Methyl tert-butyl Ether
Concen: 49.251 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

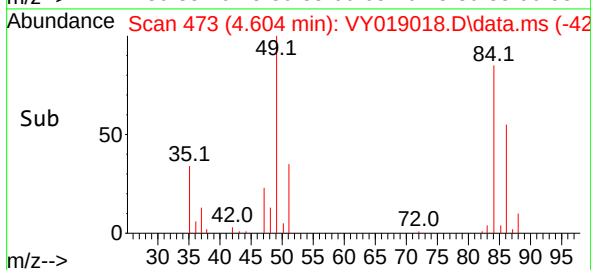
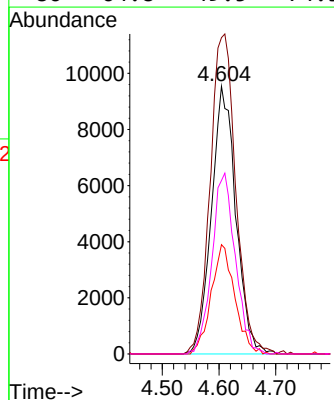
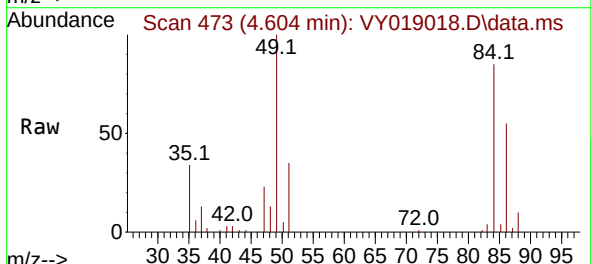
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

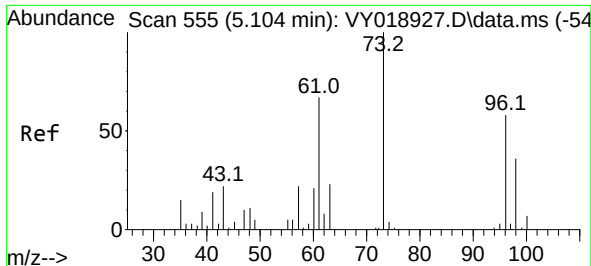
Tgt Ion: 73 Resp: 60040
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 51.921 ug/l
RT: 4.604 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 84 Resp: 28506
Ion Ratio Lower Upper
84 100
49 118.2 84.4 126.6
51 40.8 26.0 39.0#
86 64.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 53.395 ug/l

RT: 5.110 min Scan# 5110

Delta R.T. 0.006 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

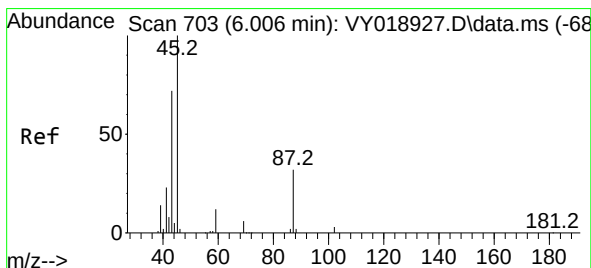
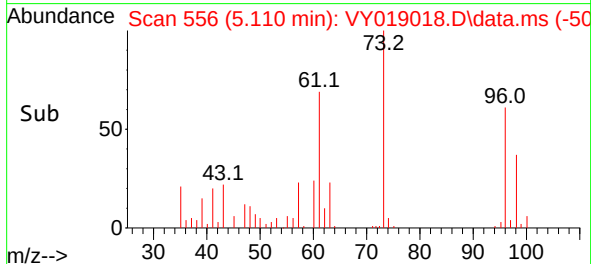
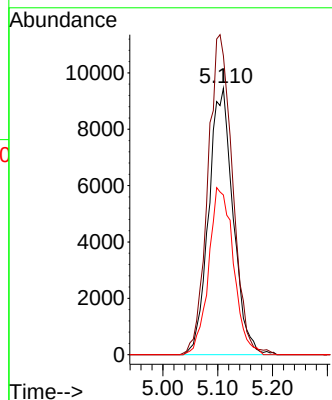
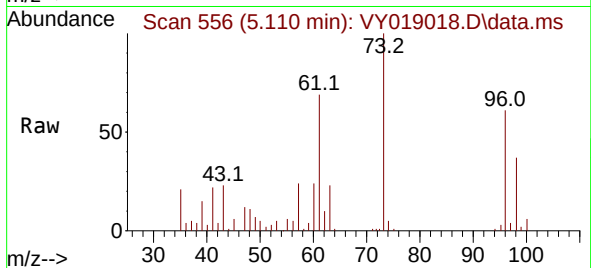
Tgt Ion: 96 Resp: 29281

Ion Ratio Lower Upper

96 100

61 112.2 97.5 146.3

98 59.9 50.5 75.7



#22

Diisopropyl ether

Concen: 53.363 ug/l

RT: 6.006 min Scan# 703

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Tgt Ion: 45 Resp: 77112

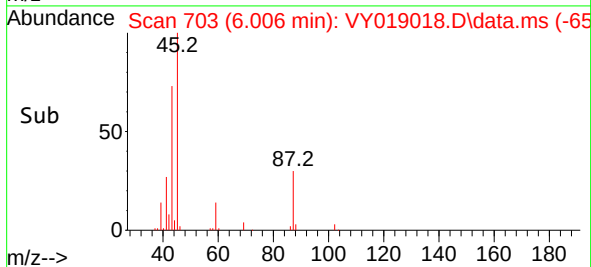
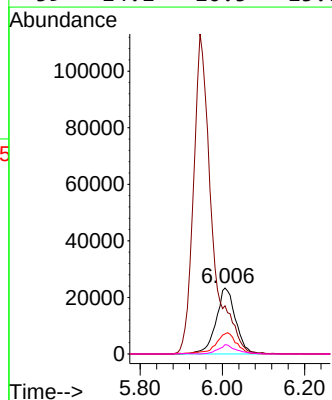
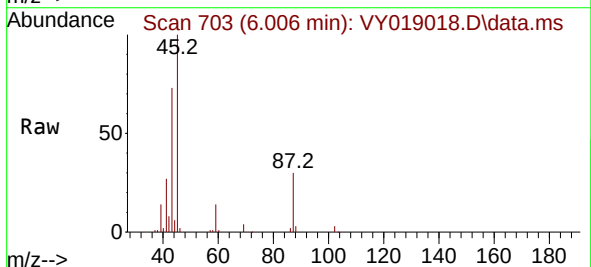
Ion Ratio Lower Upper

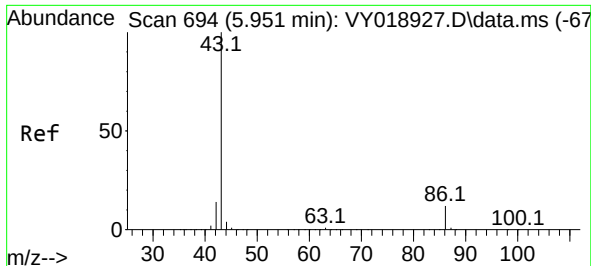
45 100

43 72.6 42.2 63.2#

87 30.4 25.0 37.6

59 14.1 10.5 15.7

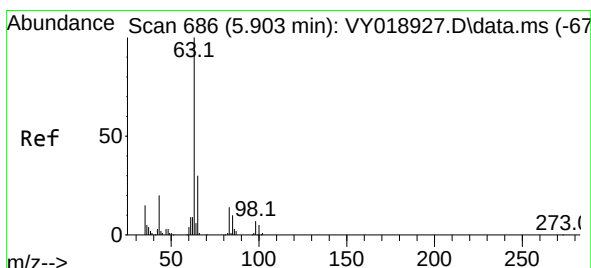
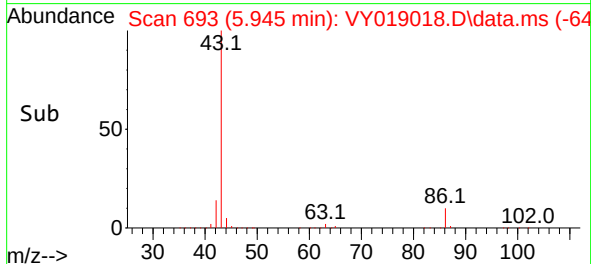
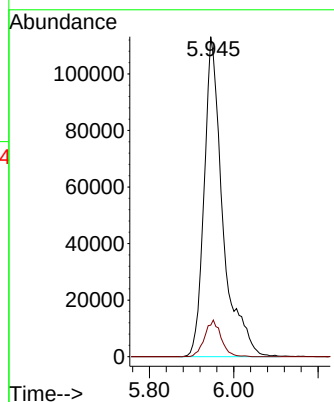
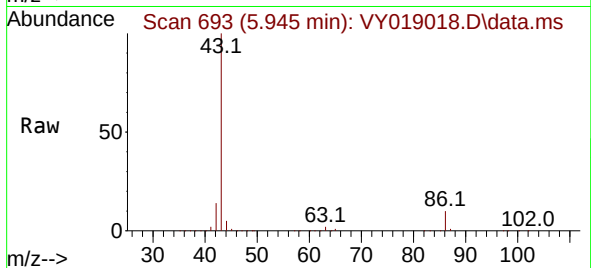




#23
 Vinyl Acetate
 Concen: 278.711 ug/l
 RT: 5.945 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY019018.D
 Acq: 13 Aug 2024 10:02

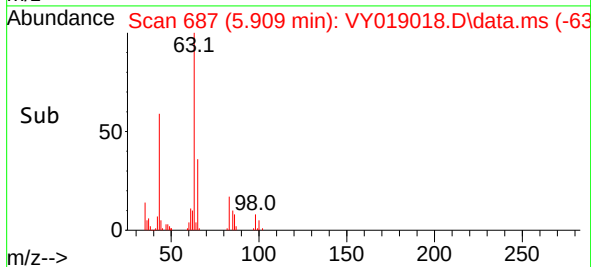
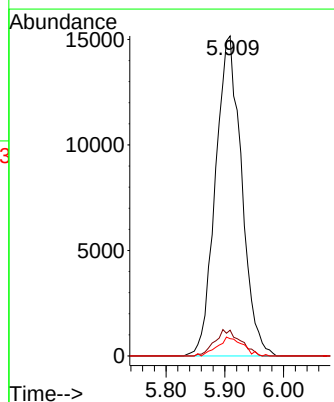
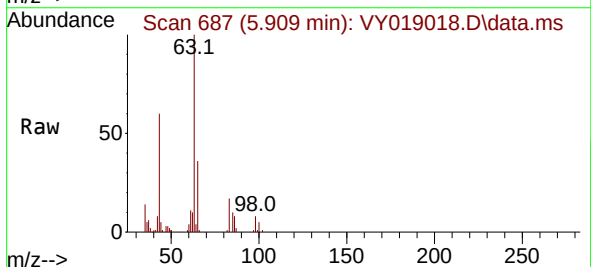
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

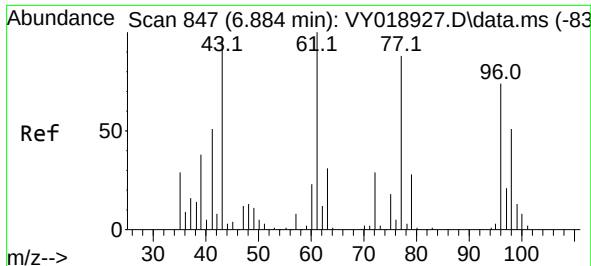
Tgt Ion: 43 Resp: 347582
 Ion Ratio Lower Upper
 43 100
 86 9.9 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 52.676 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019018.D
 Acq: 13 Aug 2024 10:02

Tgt Ion: 63 Resp: 46697
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.4 2.6 8.0





#25

2-Butanone

Concen: 285.845 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

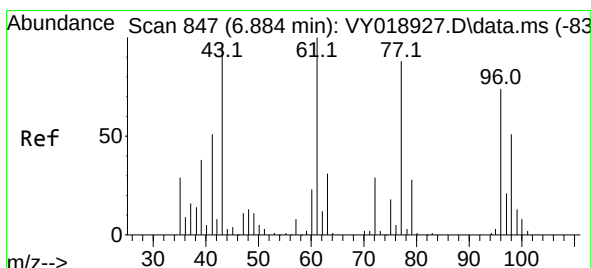
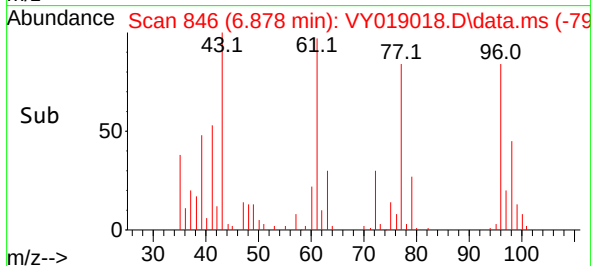
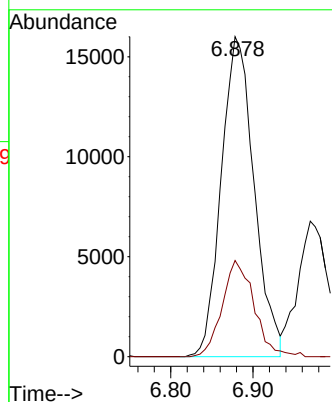
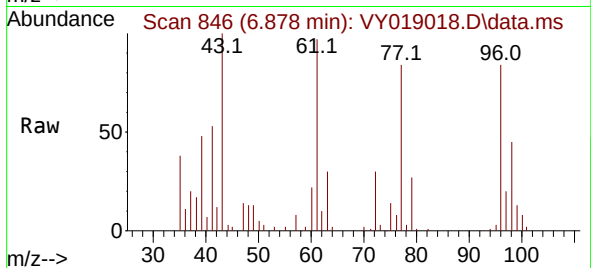
VSTDCCC050

Tgt Ion: 43 Resp: 44448

Ion Ratio Lower Upper

43 100

72 30.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 47.735 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019018.D

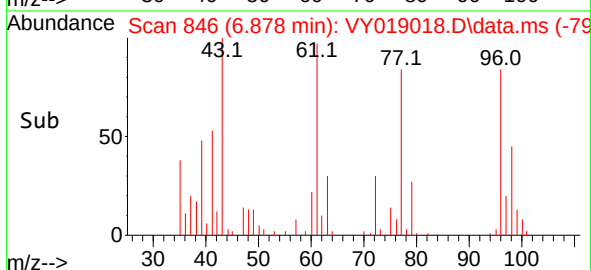
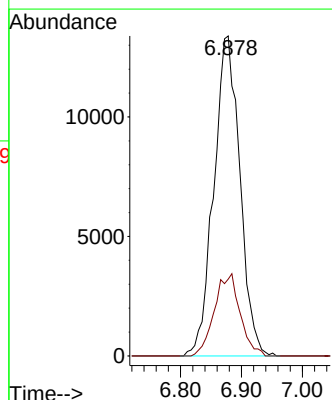
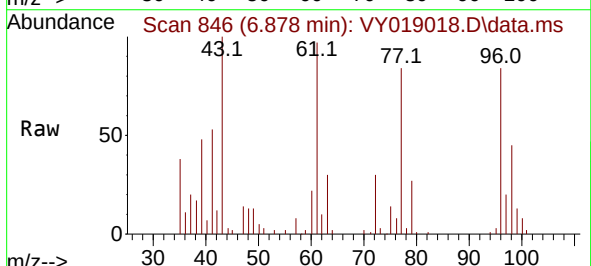
Acq: 13 Aug 2024 10:02

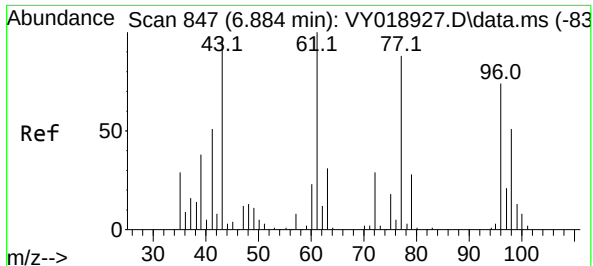
Tgt Ion: 77 Resp: 39828

Ion Ratio Lower Upper

77 100

97 25.3 12.0 36.1

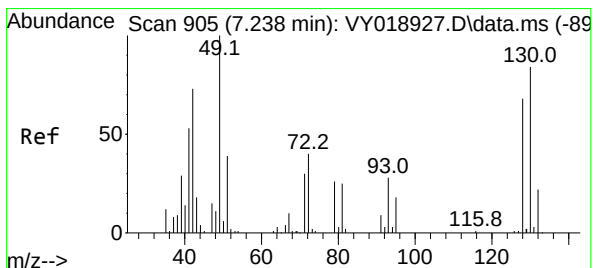
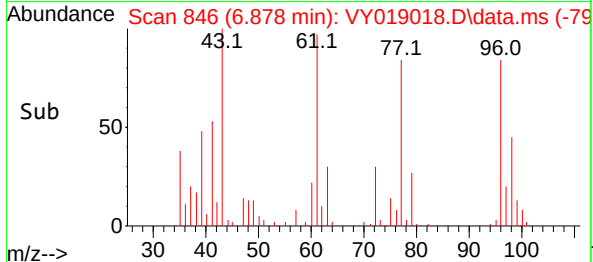
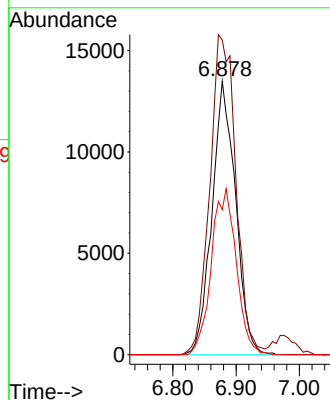
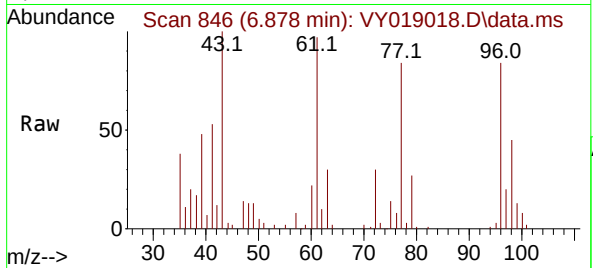




#27
 cis-1,2-Dichloroethene
 Concen: 53.220 ug/l
 RT: 6.878 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY019018.D
 Acq: 13 Aug 2024 10:02

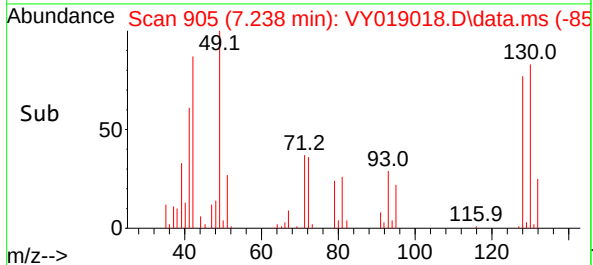
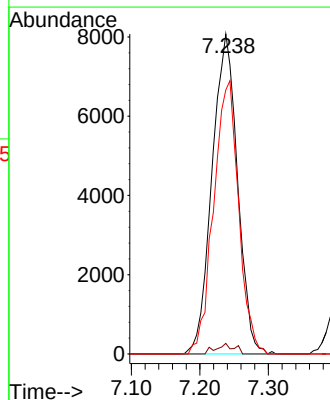
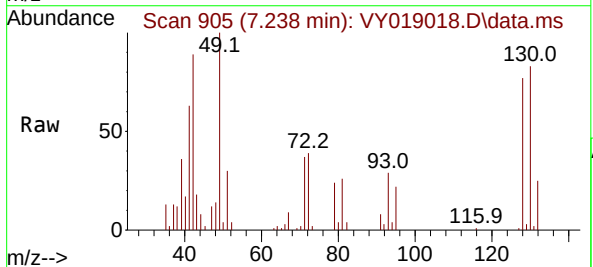
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

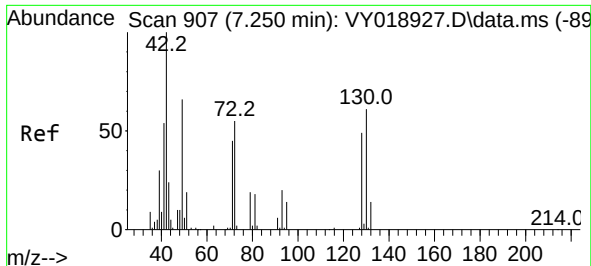
Tgt Ion: 96 Resp: 34919
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 256.2
 98 64.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 51.006 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY019018.D
 Acq: 13 Aug 2024 10:02

Tgt Ion: 49 Resp: 20817
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 83.8 72.7 109.1

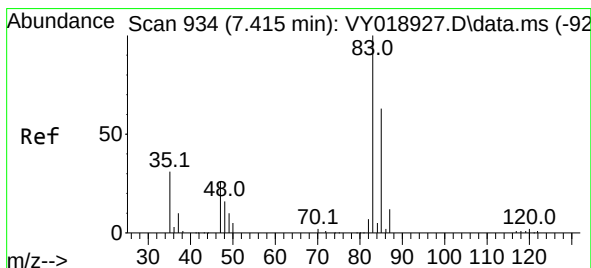
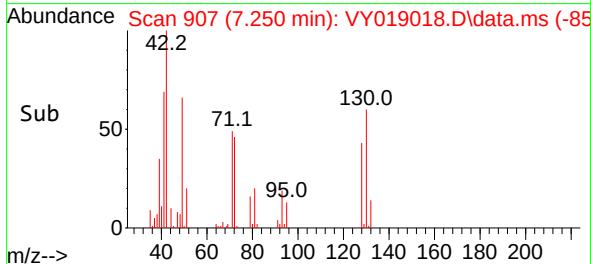
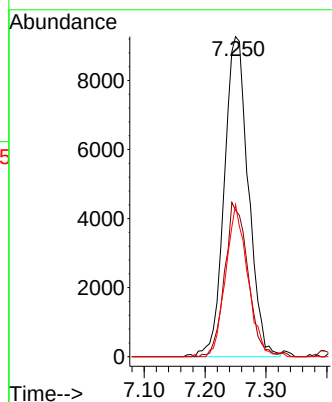
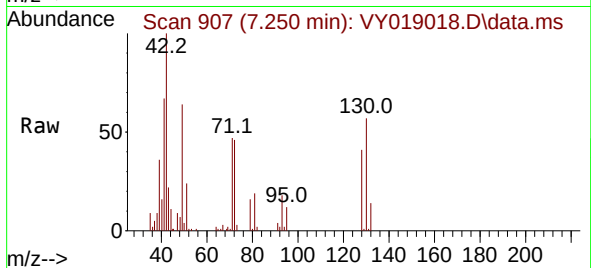




#29
Tetrahydrofuran
Concen: 277.689 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

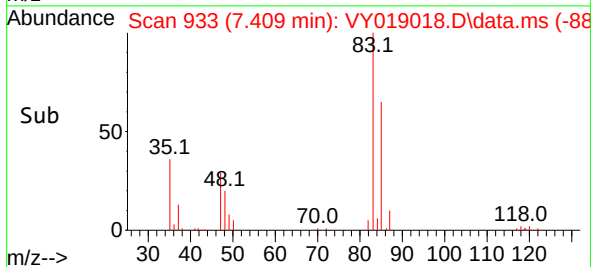
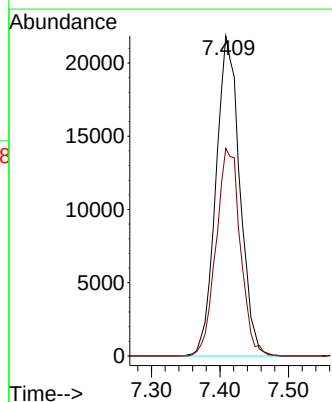
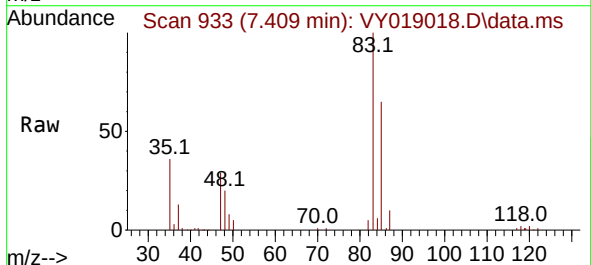
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

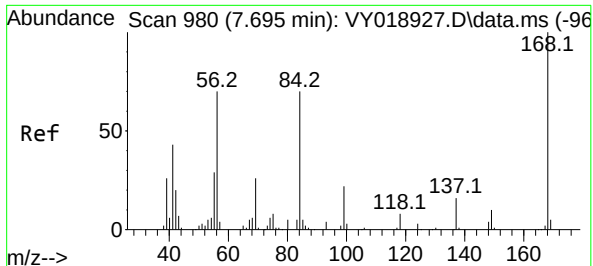
Tgt Ion: 42 Resp: 25461
Ion Ratio Lower Upper
42 100
72 46.3 43.0 64.4
71 43.6 40.8 61.2



#30
Chloroform
Concen: 55.725 ug/l
RT: 7.409 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

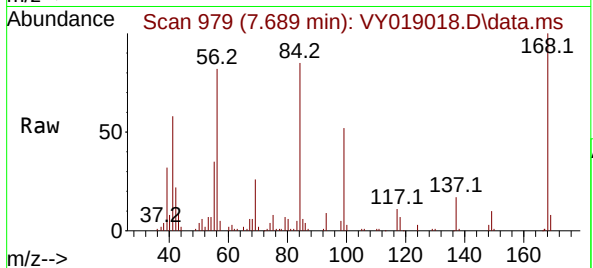
Tgt Ion: 83 Resp: 52844
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.4



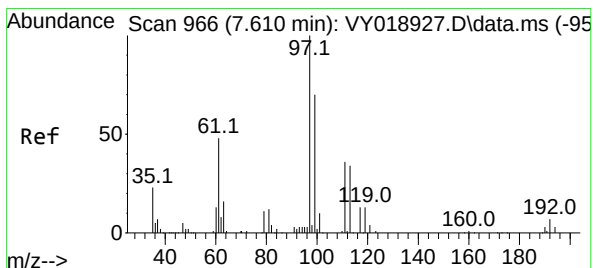
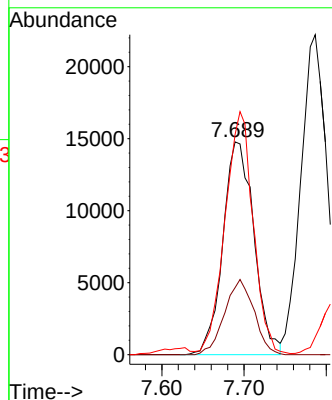
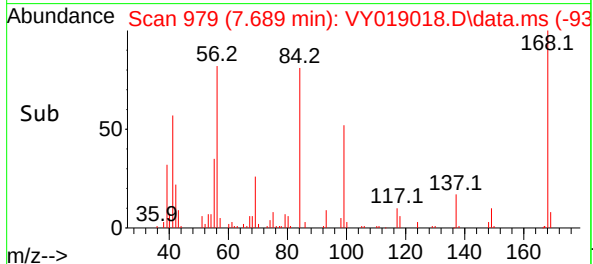


#31
Cyclohexane
Concen: 51.766 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

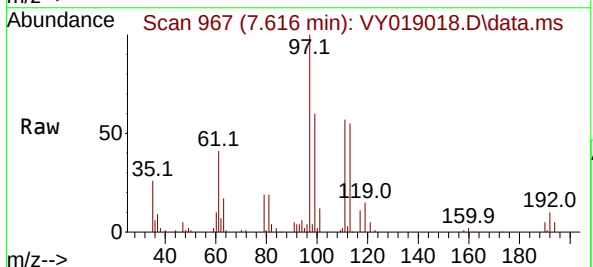
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



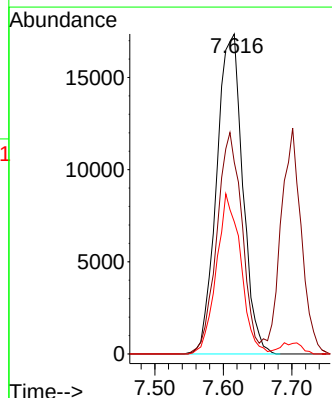
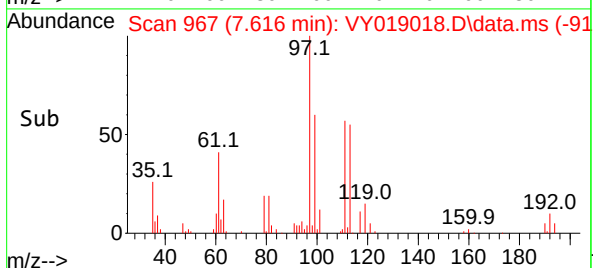
Tgt Ion: 56 Resp: 38776
Ion Ratio Lower Upper
56 100
69 31.5 28.7 43.1
84 101.9 77.7 116.5

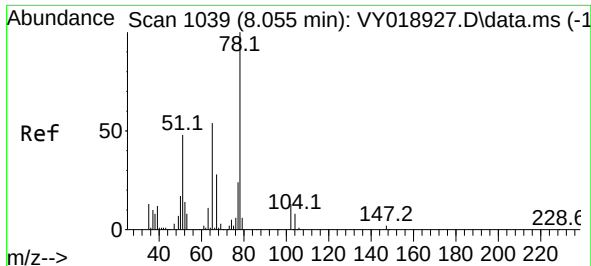


#32
1,1,1-Trichloroethane
Concen: 53.584 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02



Tgt Ion: 97 Resp: 45931
Ion Ratio Lower Upper
97 100
99 66.7 50.3 75.5
61 46.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.992 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

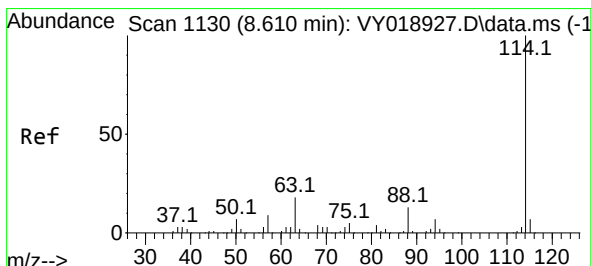
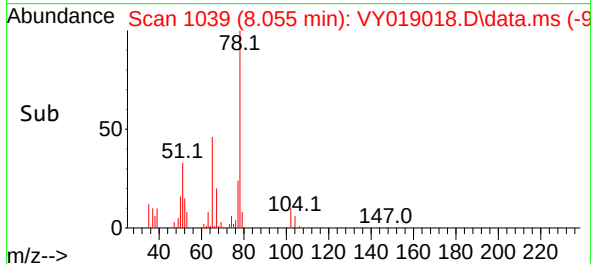
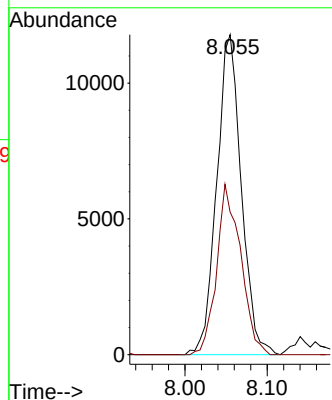
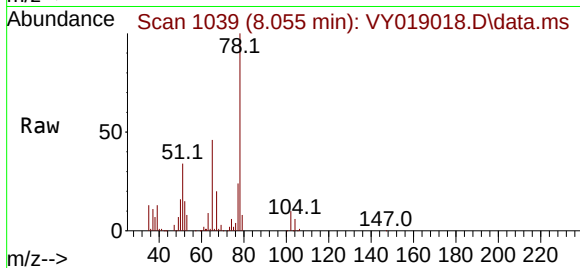
VSTDCCC050

Tgt Ion: 65 Resp: 24489

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

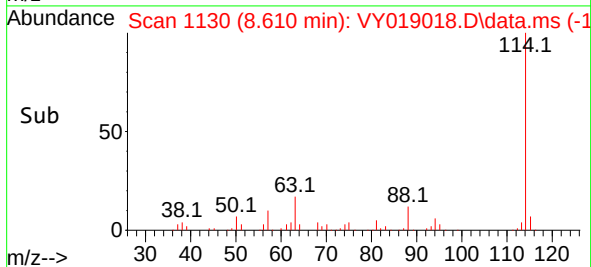
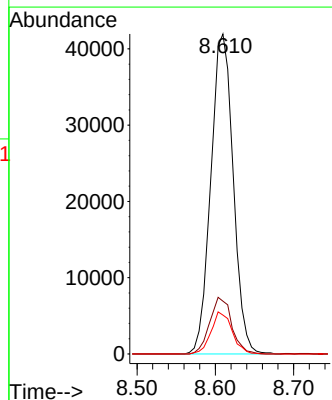
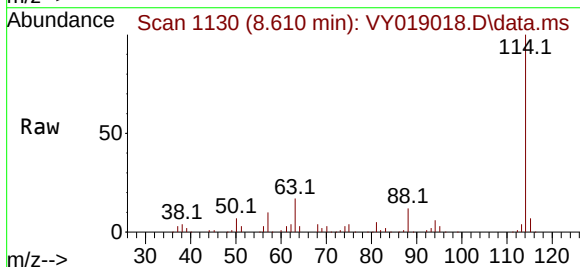
Tgt Ion: 114 Resp: 83308

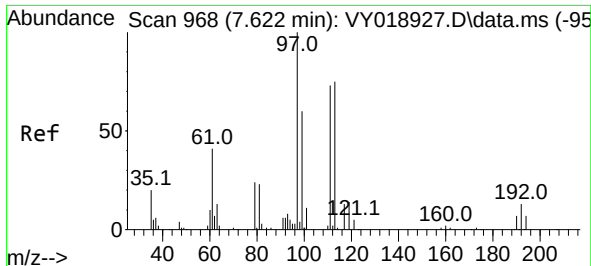
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 12.2 0.0 27.2

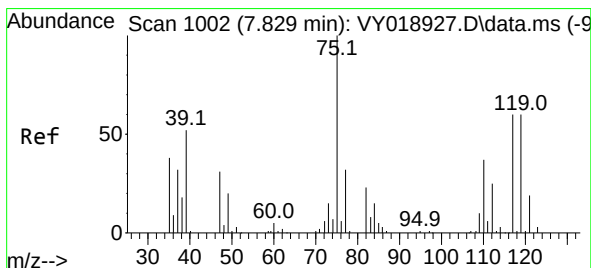
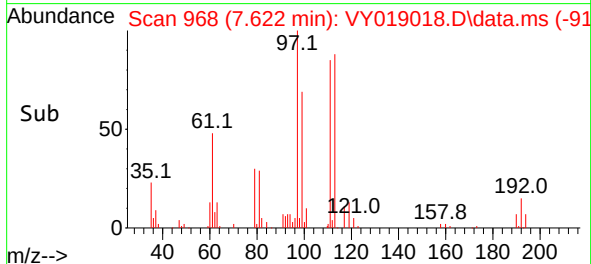
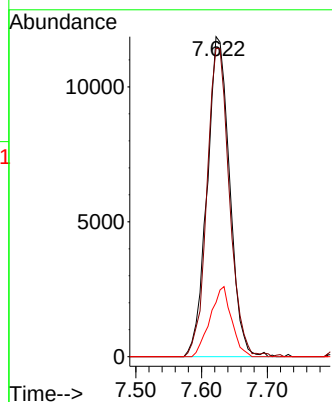
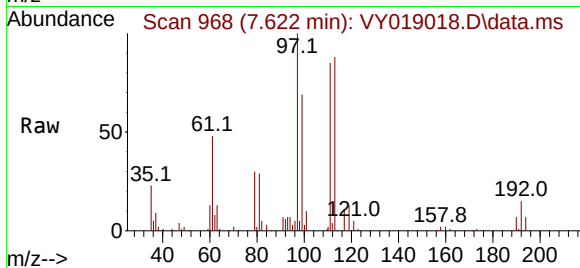




#35
Dibromofluoromethane
Concen: 53.145 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

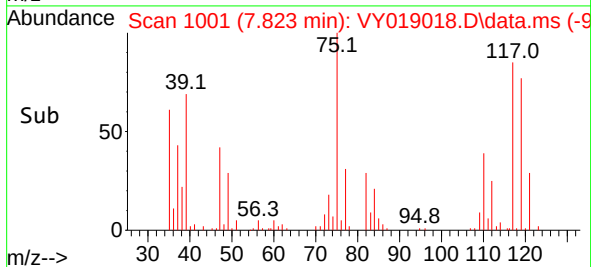
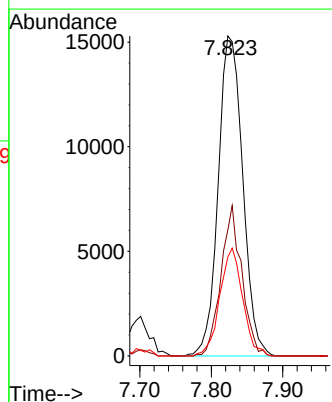
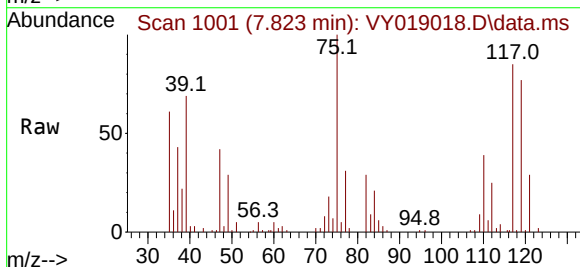
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

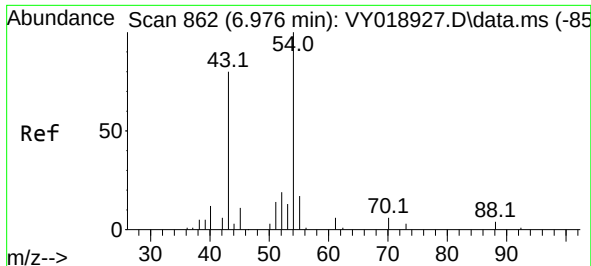
Tgt Ion:113 Resp: 28277
Ion Ratio Lower Upper
113 100
111 96.1 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 51.084 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 75 Resp: 36486
Ion Ratio Lower Upper
75 100
110 39.9 19.0 57.0
77 31.4 25.3 37.9

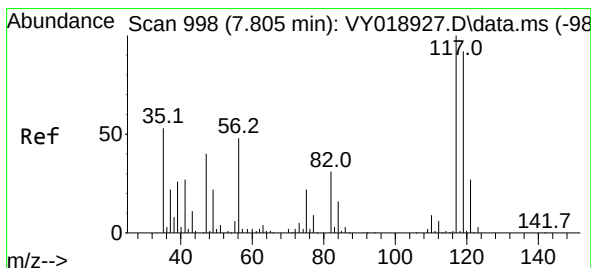
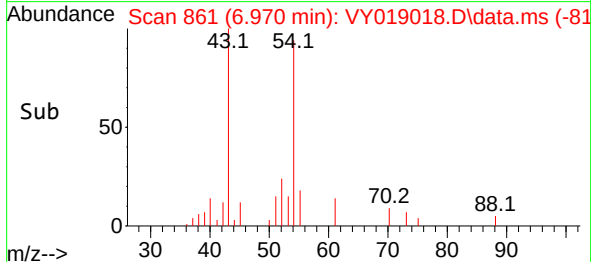
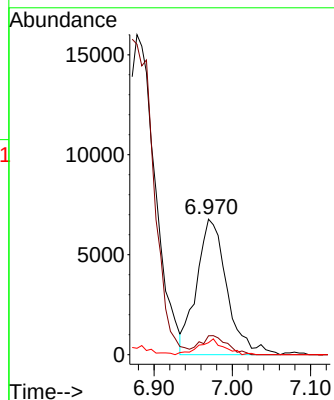
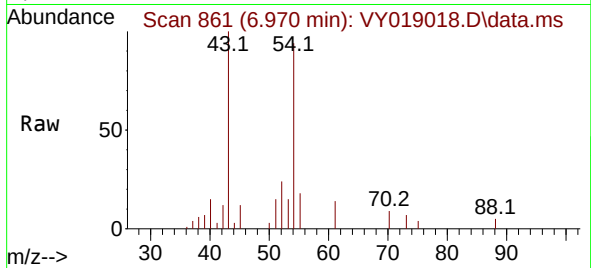




#37
Ethyl Acetate
Concen: 55.787 ug/l
RT: 6.970 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

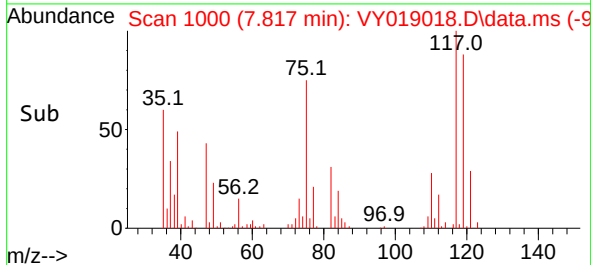
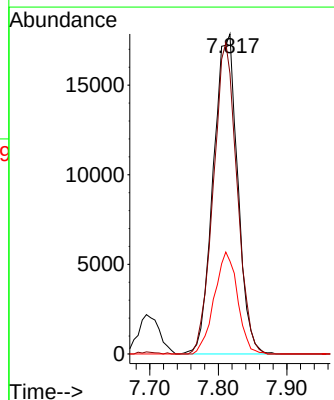
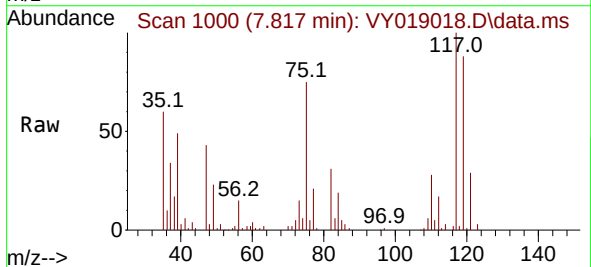
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

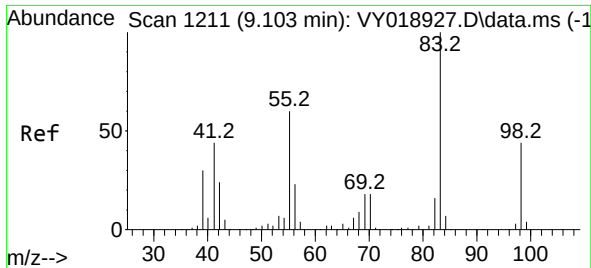
Tgt Ion: 43 Resp: 18212
Ion Ratio Lower Upper
43 100
61 12.5 12.6 19.0#
70 9.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 53.745 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 117 Resp: 44013
Ion Ratio Lower Upper
117 100
119 87.7 75.8 113.6
121 29.0 24.0 36.0

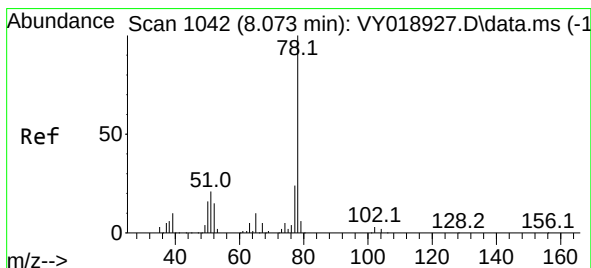
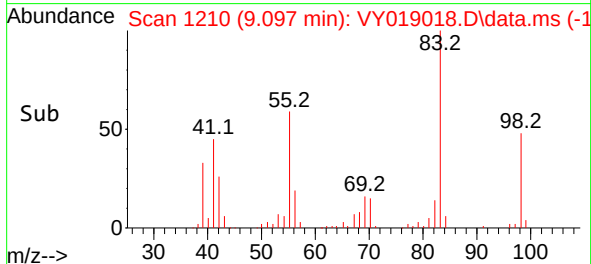
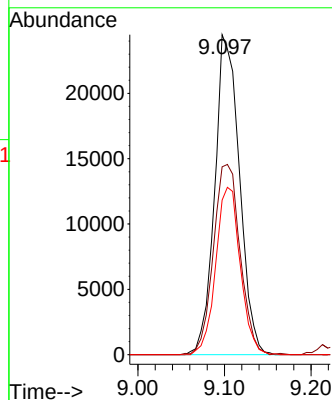
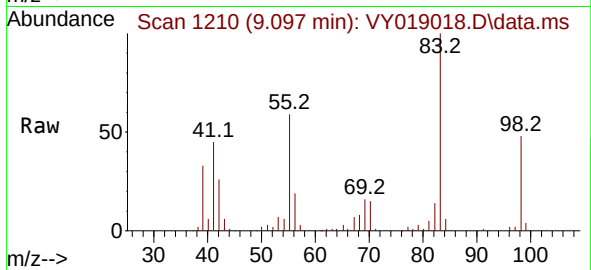




#39
Methylcyclohexane
Concen: 50.542 ug/l
RT: 9.097 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

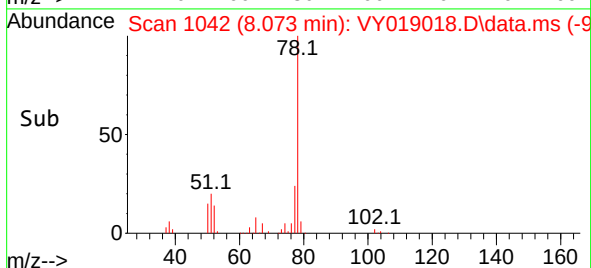
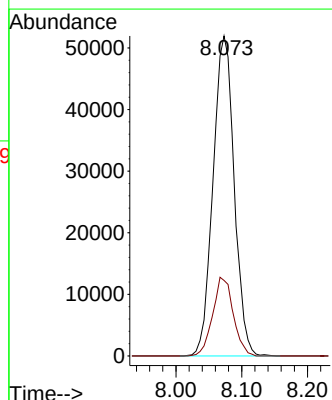
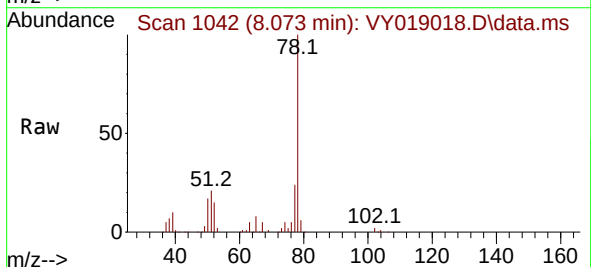
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

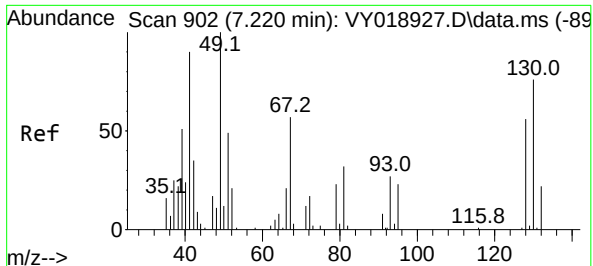
Tgt Ion: 83 Resp: 48591
Ion Ratio Lower Upper
83 100
55 58.7 51.5 77.3
98 48.3 40.5 60.7



#40
Benzene
Concen: 54.744 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 78 Resp: 116254
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3

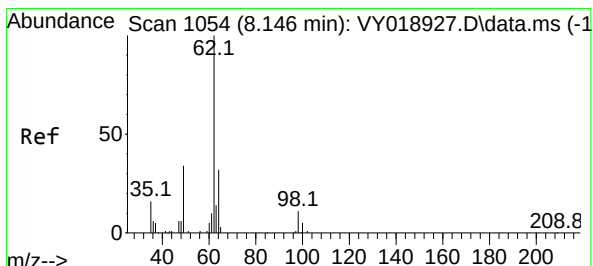
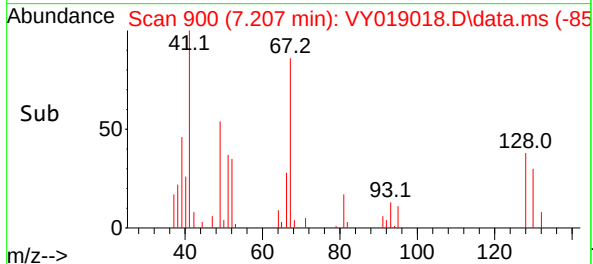
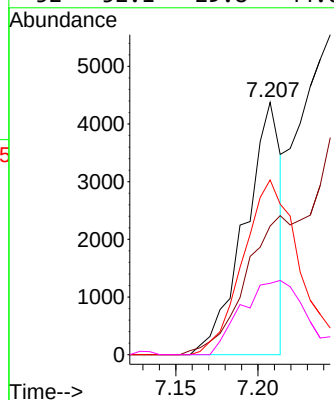
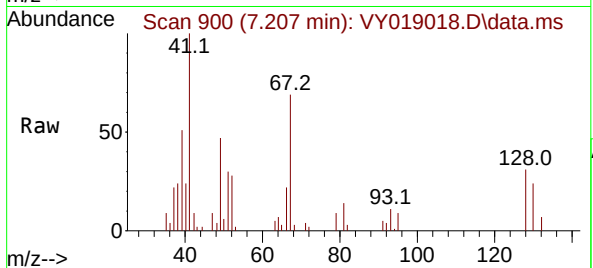




#41
Methacrylonitrile
Concen: 45.823 ug/l
RT: 7.207 min Scan# 900
Delta R.T. -0.012 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

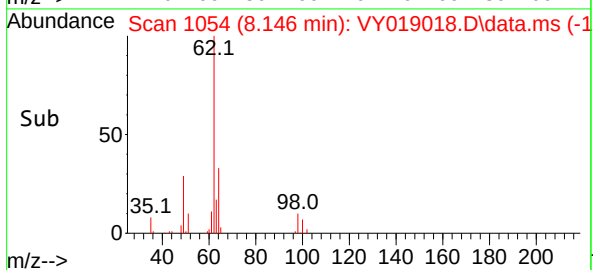
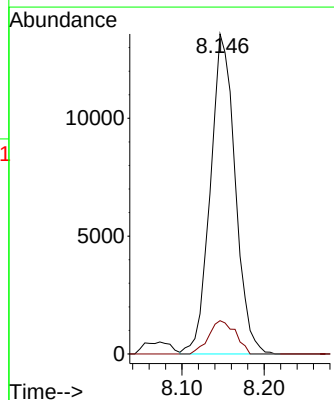
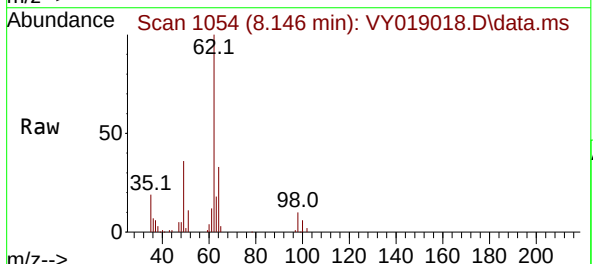
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

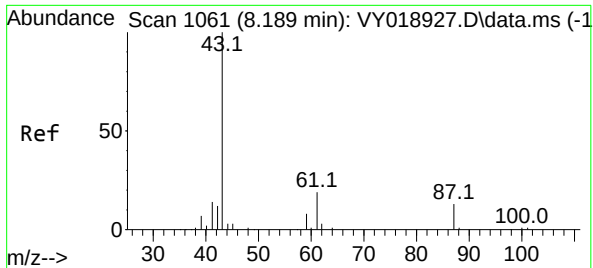
Tgt Ion: 41 Resp: 6709
Ion Ratio Lower Upper
41 100
39 70.3 48.0 72.0
67 109.9 75.1 112.7
52 52.1 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 53.890 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 62 Resp: 28490
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.0





#43

Isopropyl Acetate

Concen: 53.776 ug/l

RT: 8.189 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

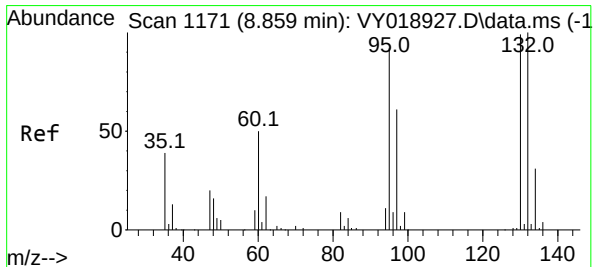
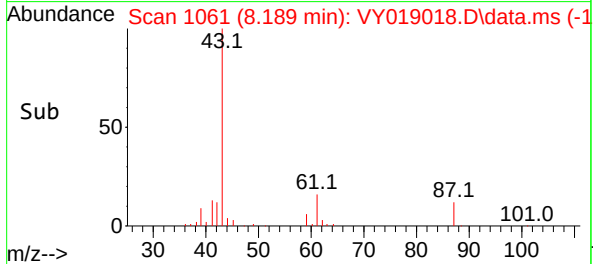
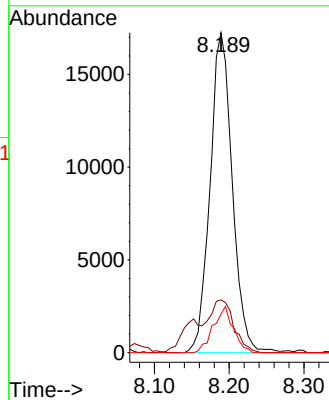
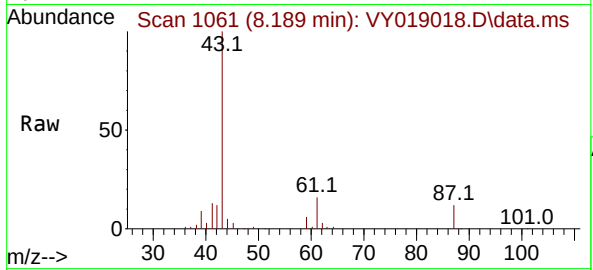
Tgt Ion: 43 Resp: 35703

Ion Ratio Lower Upper

43 100

61 17.9 27.9 41.9#

87 13.0 13.1 19.7#



#44

Trichloroethene

Concen: 54.531 ug/l

RT: 8.860 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VY019018.D

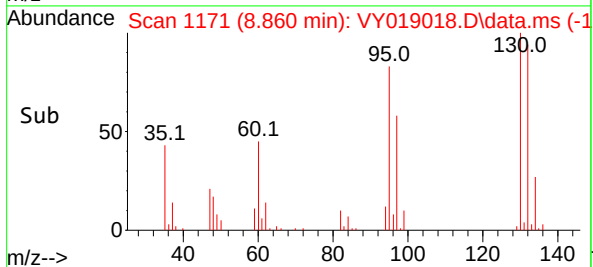
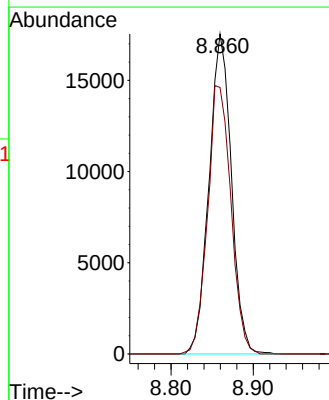
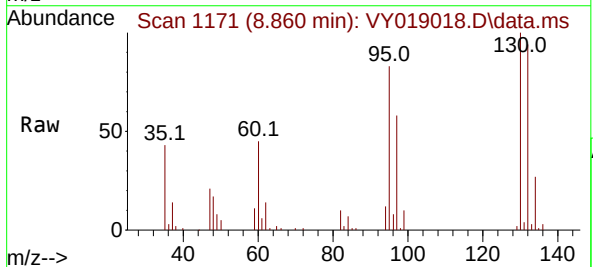
Acq: 13 Aug 2024 10:02

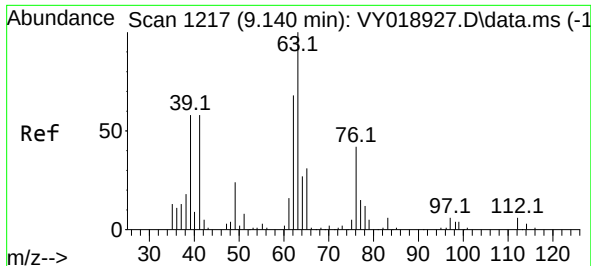
Tgt Ion:130 Resp: 33009

Ion Ratio Lower Upper

130 100

95 83.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 55.037 ug/l

RT: 9.134 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

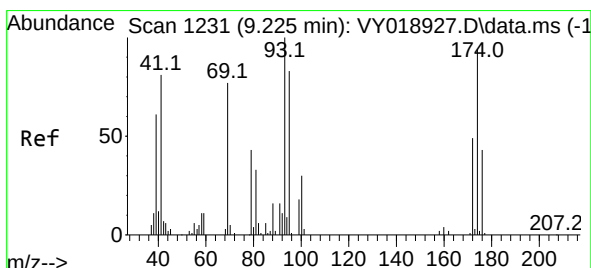
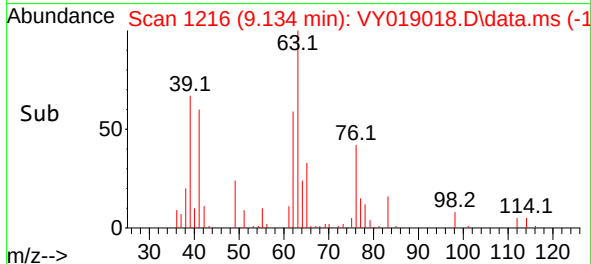
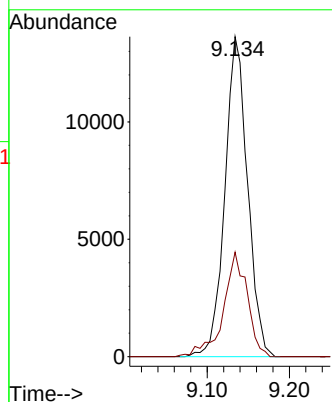
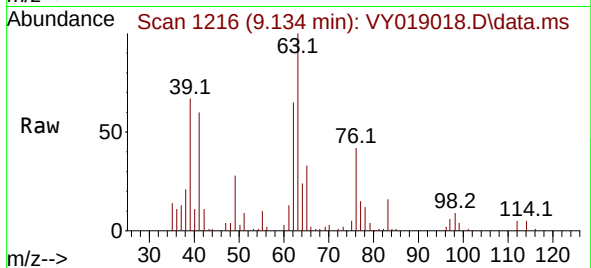
VSTDCCC050

Tgt Ion: 63 Resp: 26152

Ion Ratio Lower Upper

63 100

65 32.6 25.4 38.2



#46

Dibromomethane

Concen: 57.525 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

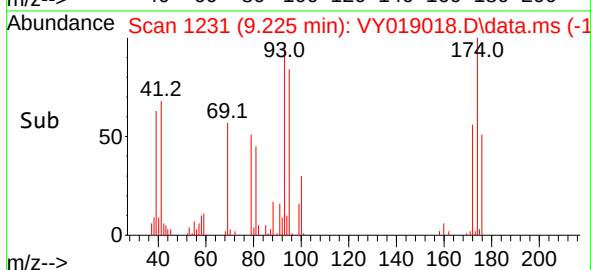
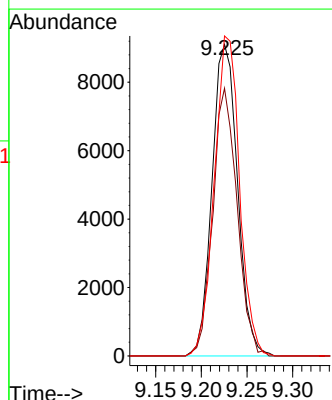
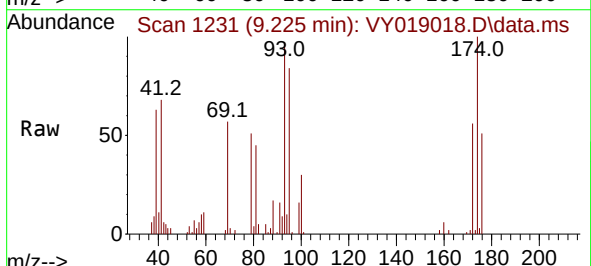
Tgt Ion: 93 Resp: 17662

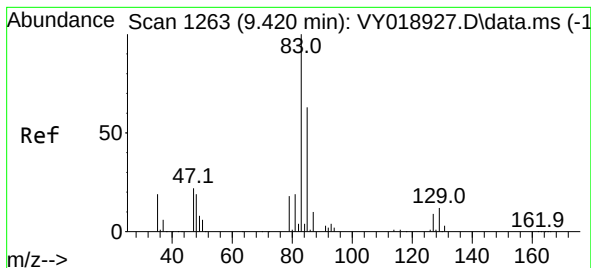
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

174 101.9 80.9 121.3





#47

Bromodichloromethane

Concen: 56.848 ug/l

RT: 9.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

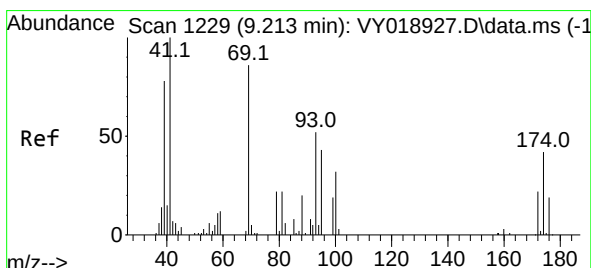
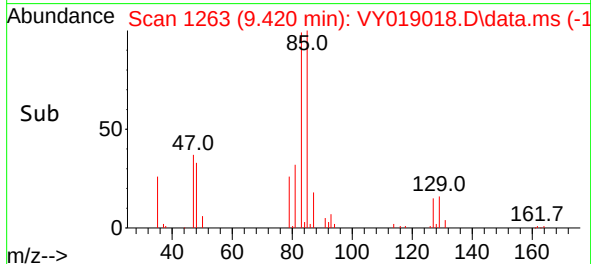
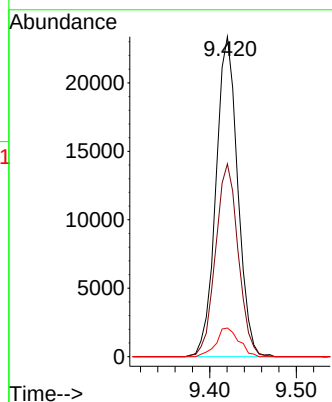
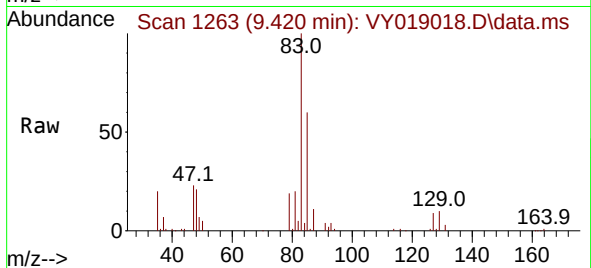
Tgt Ion: 83 Resp: 40845

Ion Ratio Lower Upper

83 100

85 60.2 50.1 75.1

127 9.0 7.4 11.0



#48

Methyl methacrylate

Concen: 54.814 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

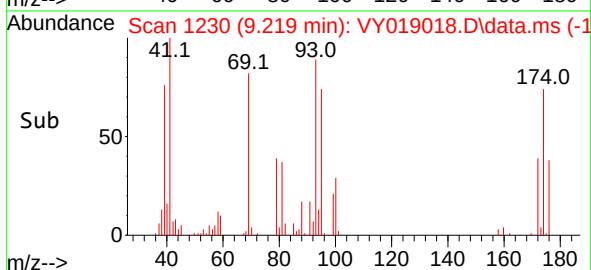
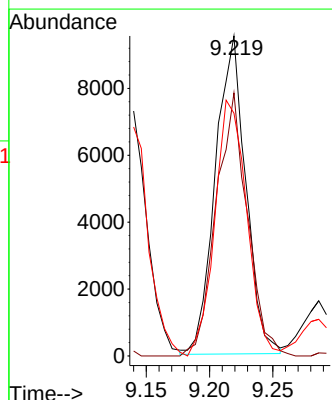
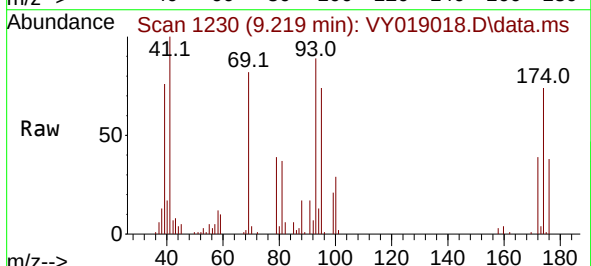
Tgt Ion: 41 Resp: 15898

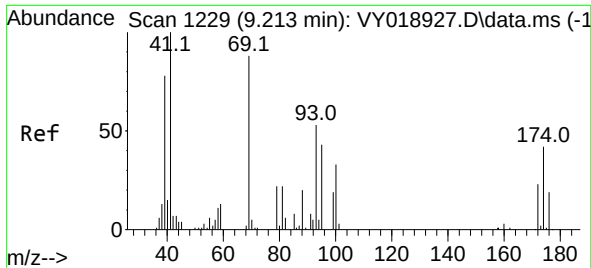
Ion Ratio Lower Upper

41 100

69 85.2 84.1 126.1

39 84.4 43.6 65.4#





#49

1,4-Dioxane

Concen: 1060.820 ug/l

RT: 9.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

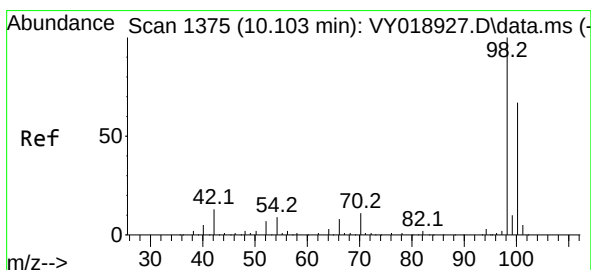
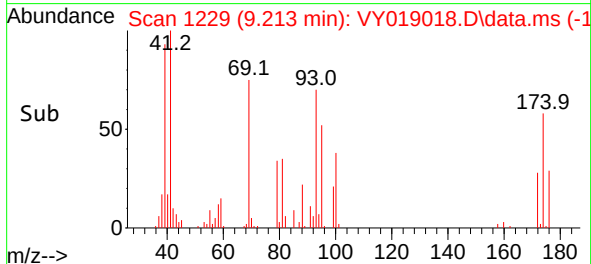
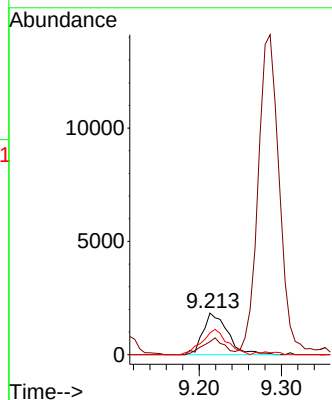
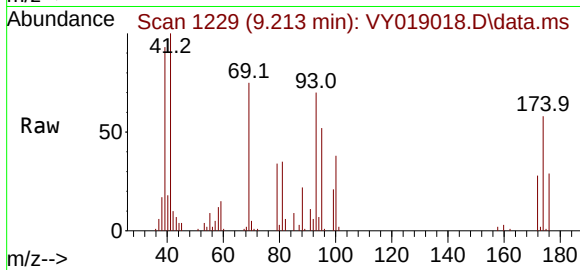
Tgt Ion: 88 Resp: 3848

Ion Ratio Lower Upper

88 100

43 34.0 0.0 0.0#

58 61.0 49.3 73.9



#50

Toluene-d8

Concen: 49.574 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019018.D

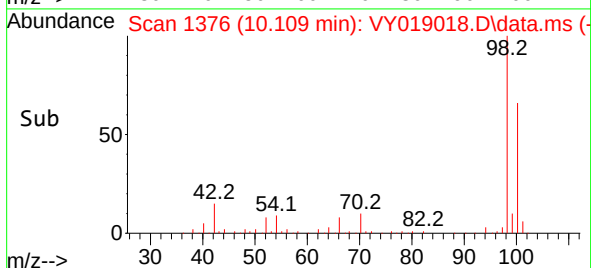
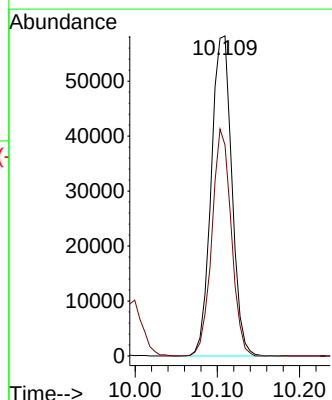
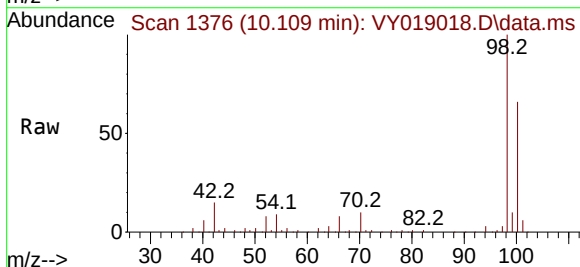
Acq: 13 Aug 2024 10:02

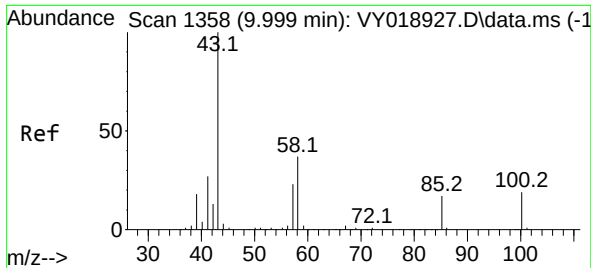
Tgt Ion: 98 Resp: 101316

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0

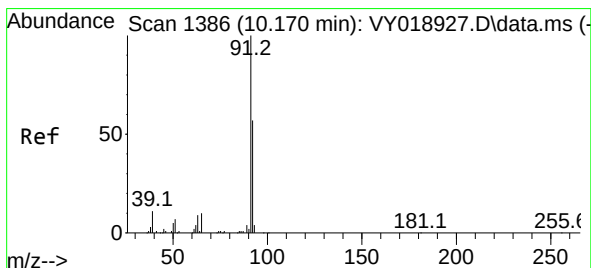
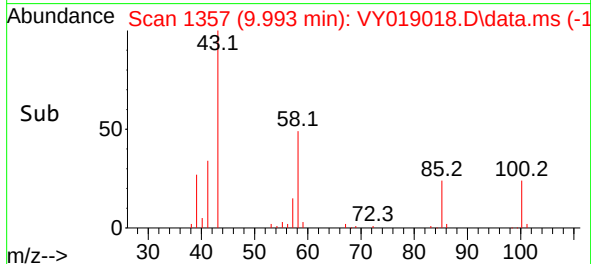
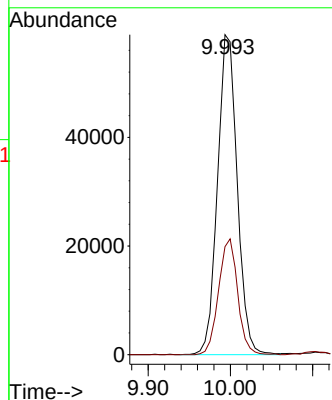
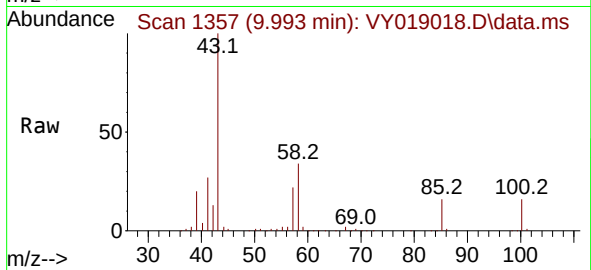




#51
4-Methyl-2-Pentanone
Concen: 286.865 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

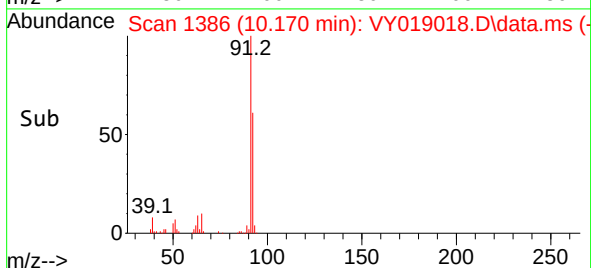
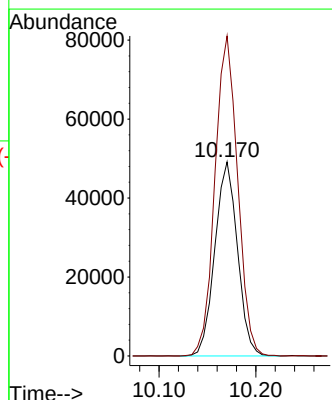
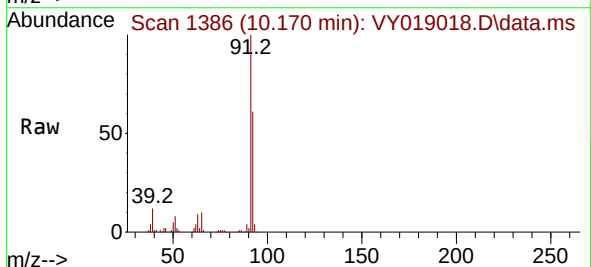
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

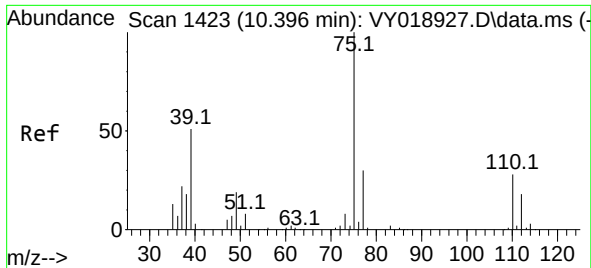
Tgt Ion: 43 Resp: 98224
Ion Ratio Lower Upper
43 100
58 35.0 35.7 53.5#



#52
Toluene
Concen: 56.443 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 92 Resp: 79621
Ion Ratio Lower Upper
92 100
91 166.0 139.0 208.6

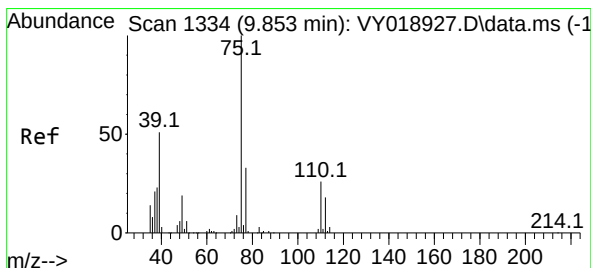
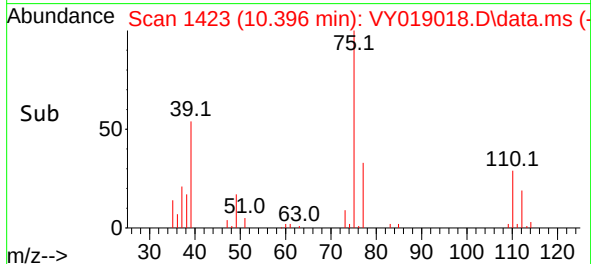
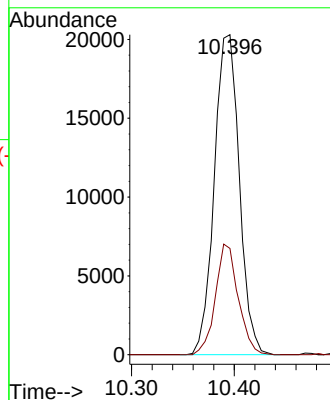
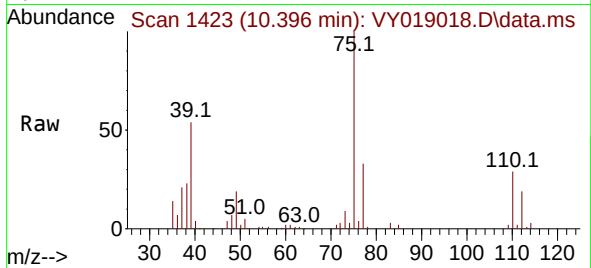




#53
t-1,3-Dichloropropene
Concen: 53.527 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

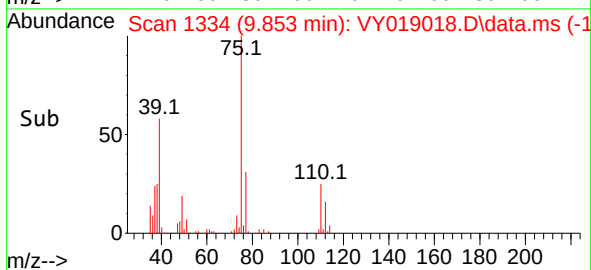
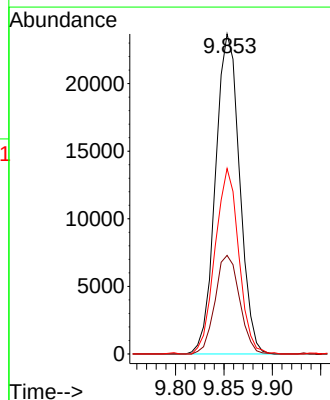
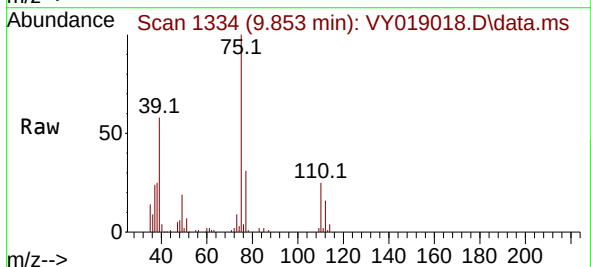
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

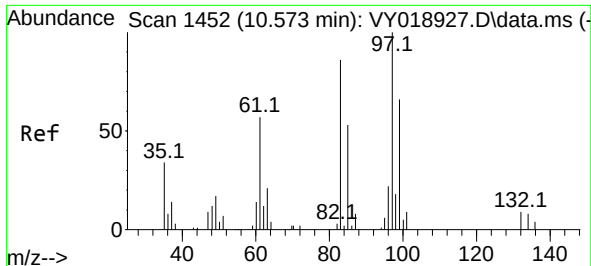
Tgt Ion: 75 Resp: 34296
Ion Ratio Lower Upper
75 100
77 33.2 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 53.953 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 75 Resp: 41063
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 57.9 29.8 44.6#

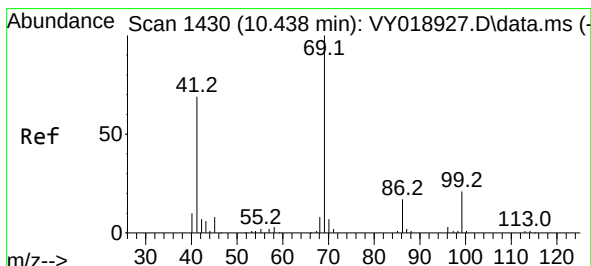
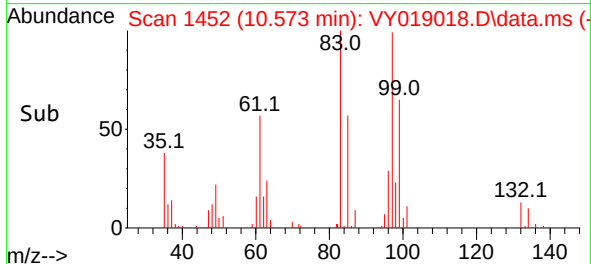
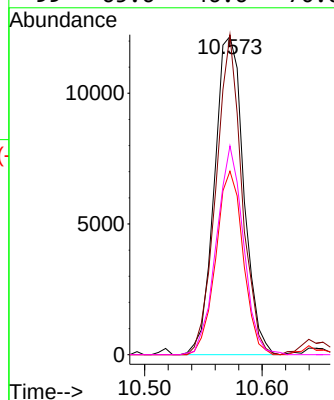
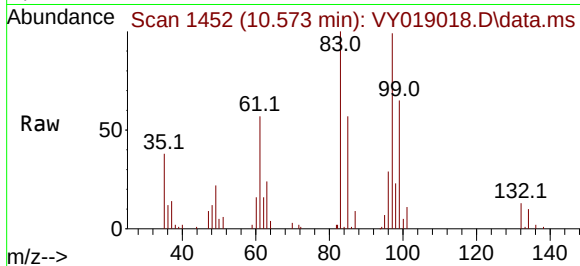




#55
1,1,2-Trichloroethane
Concen: 55.757 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

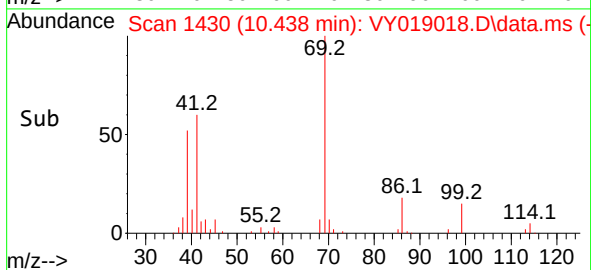
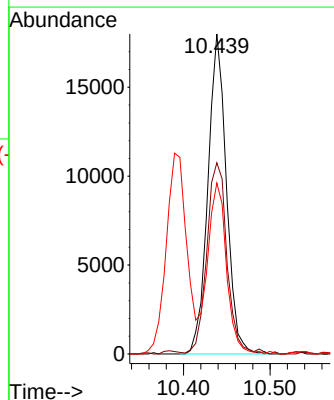
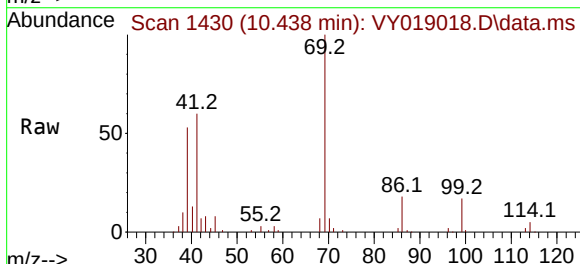
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

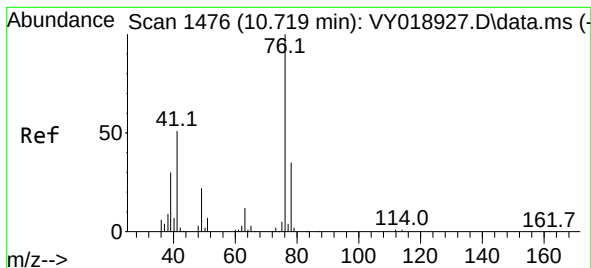
Tgt Ion:	97	Resp:	21023
Ion	Ratio	Lower	Upper
97	100		
83	100.5	67.5	101.3
85	57.7	42.9	64.3
99	65.6	46.6	70.0



#56
Ethyl methacrylate
Concen: 52.329 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion:	69	Resp:	26715
Ion	Ratio	Lower	Upper
69	100		
41	65.4	42.3	63.5#
39	54.8	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 57.032 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

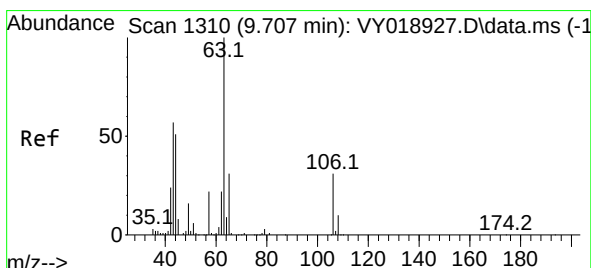
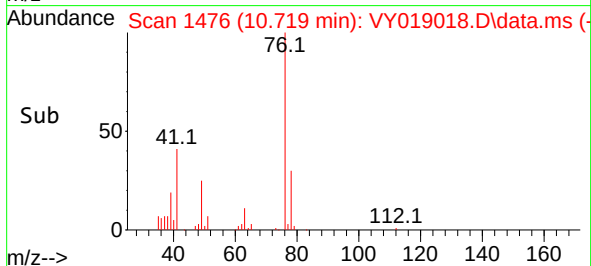
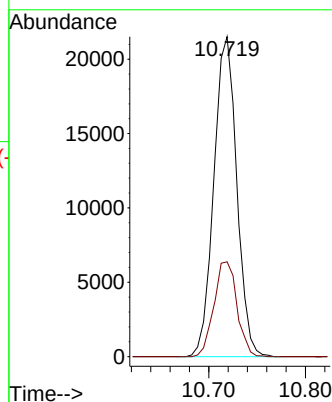
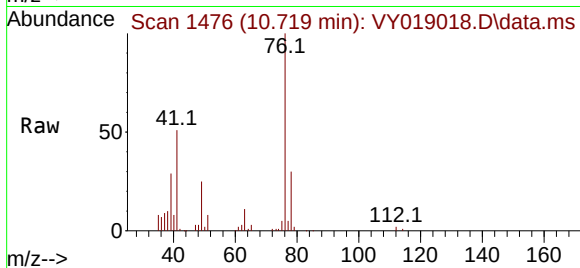
VSTDCCC050

Tgt Ion: 76 Resp: 35406

Ion Ratio Lower Upper

76 100

78 29.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 245.779 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY019018.D

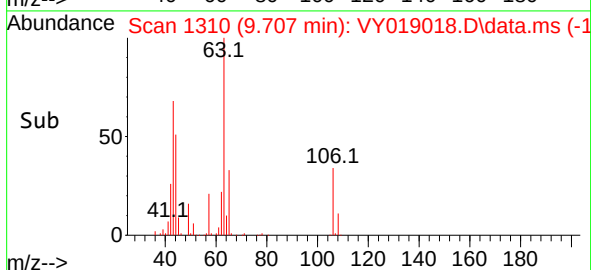
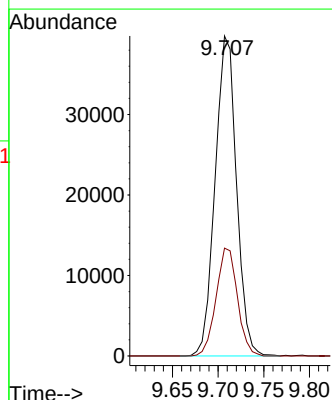
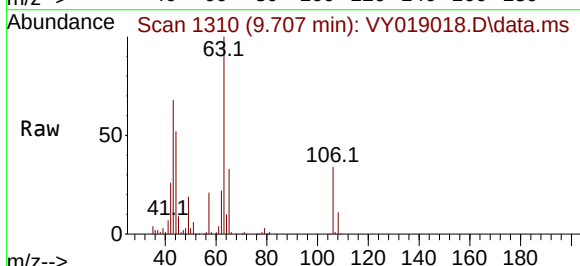
Acq: 13 Aug 2024 10:02

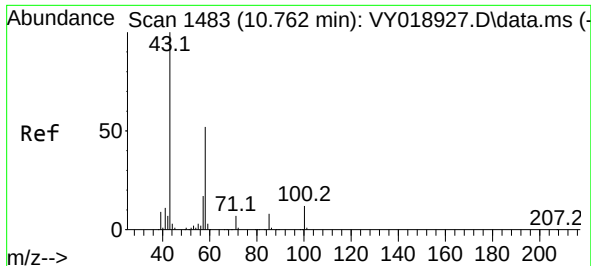
Tgt Ion: 63 Resp: 64687

Ion Ratio Lower Upper

63 100

106 33.6 23.7 35.5

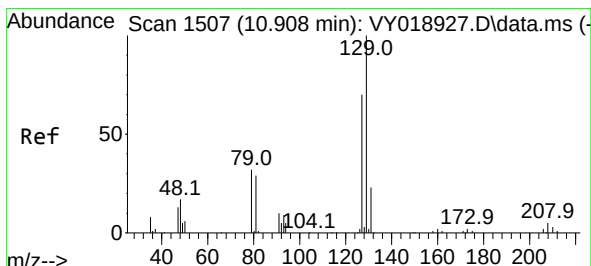
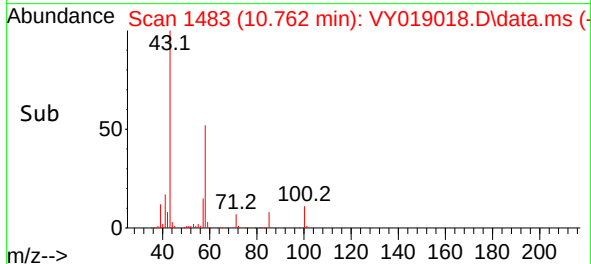
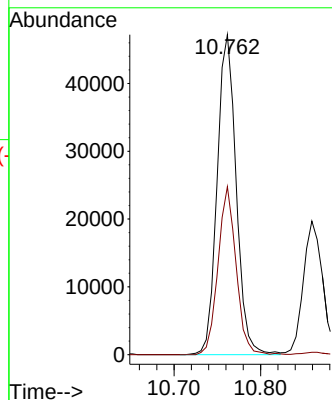
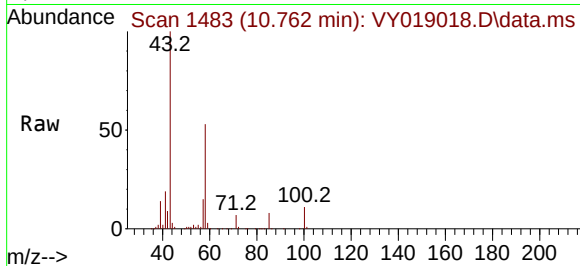




#59
2-Hexanone
Concen: 293.695 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

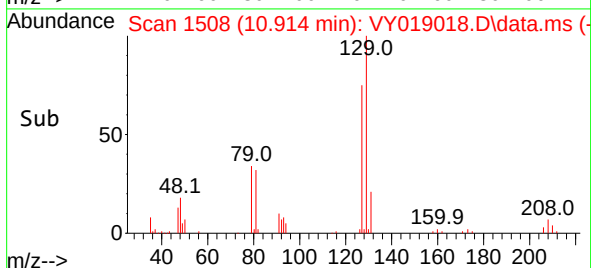
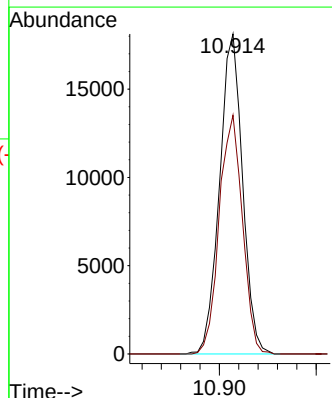
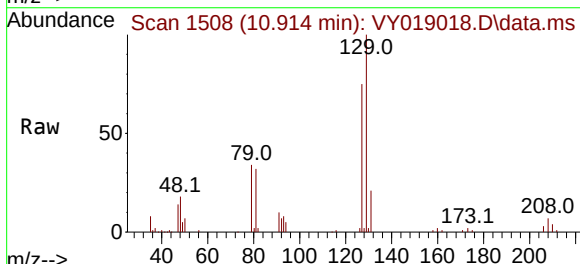
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

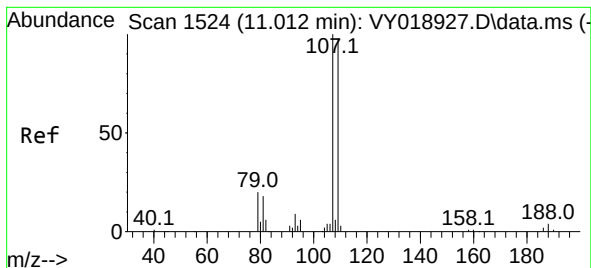
Tgt Ion: 43 Resp: 72137
Ion Ratio Lower Upper
43 100
58 49.8 31.4 94.0



#60
Dibromochloromethane
Concen: 58.994 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion:129 Resp: 29822
Ion Ratio Lower Upper
129 100
127 75.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 56.322 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

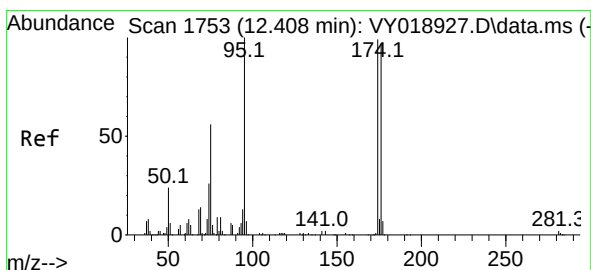
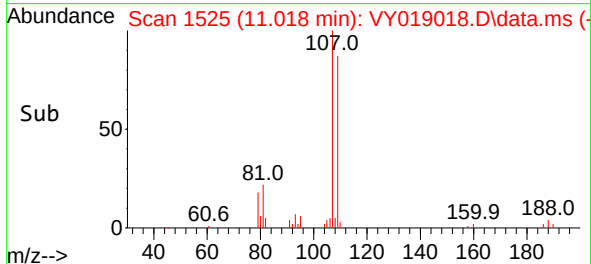
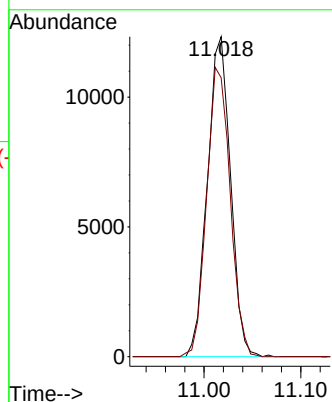
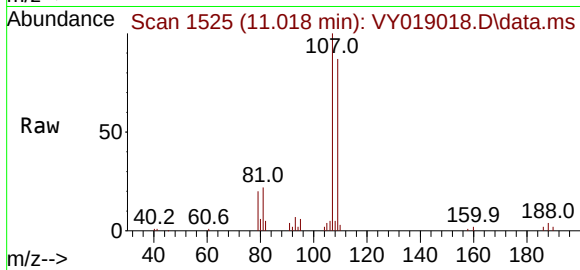
VSTDCCC050

Tgt Ion:107 Resp: 20505

Ion Ratio Lower Upper

107 100

109 91.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.162 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

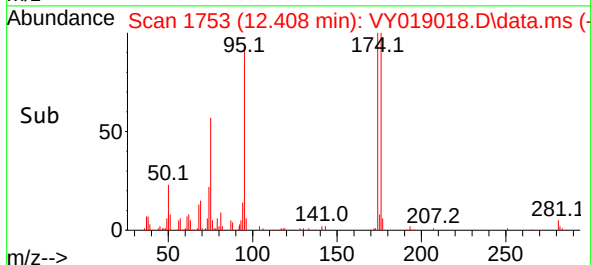
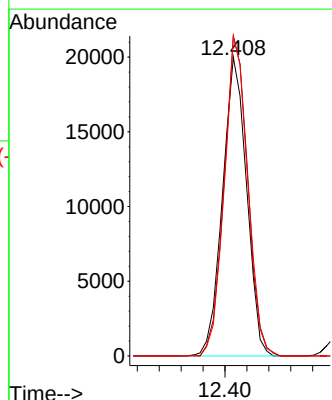
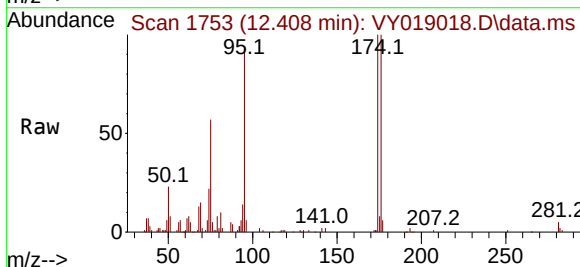
Tgt Ion: 95 Resp: 30415

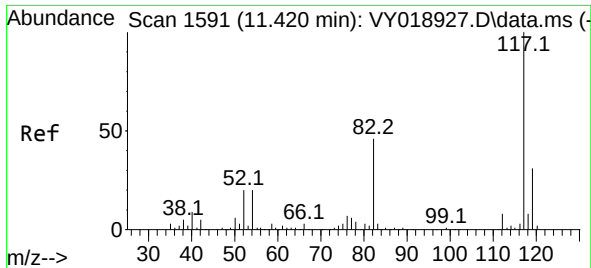
Ion Ratio Lower Upper

95 100

174 105.2 0.0 175.6

176 103.8 0.0 171.4

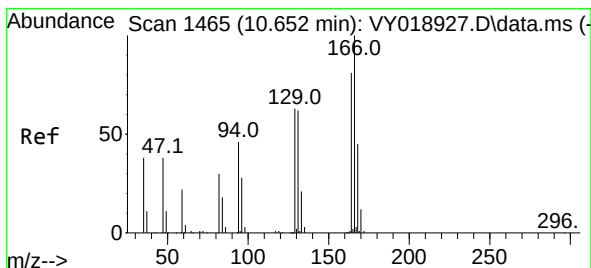
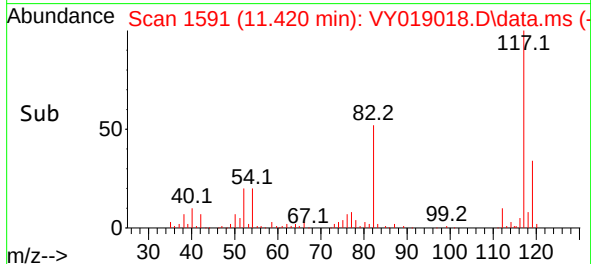
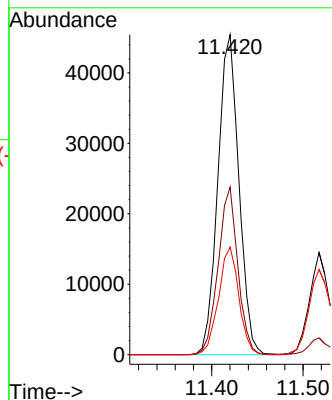
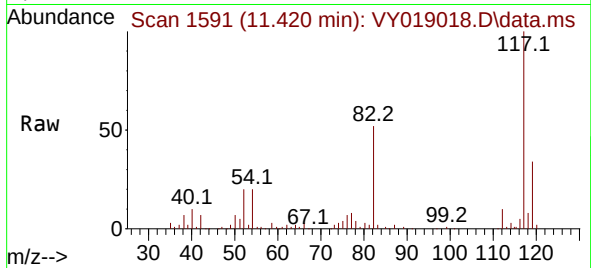




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

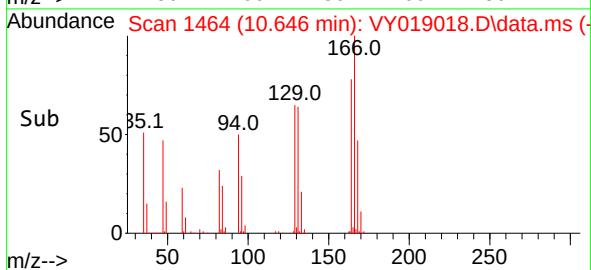
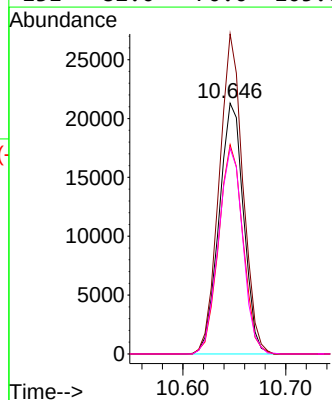
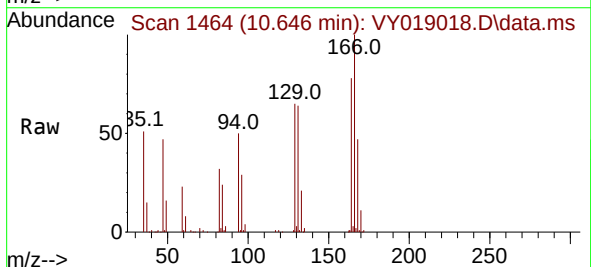
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

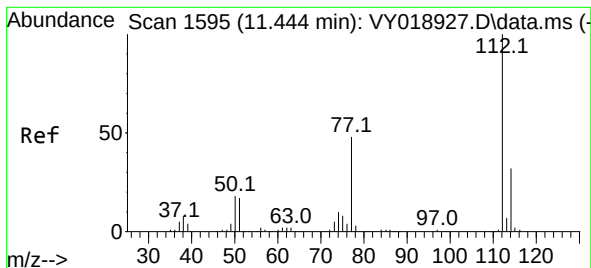
Tgt Ion:117	Resp:	72671
Ion	Ratio	Lower Upper
117	100	
82	52.4	42.4 63.6
119	33.6	25.9 38.9



#64
Tetrachloroethene
Concen: 57.882 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion:164	Resp:	35261
Ion	Ratio	Lower Upper
164	100	
166	127.6	102.6 154.0
129	83.5	72.0 108.0
131	82.0	70.0 105.0





#65

Chlorobenzene

Concen: 55.608 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

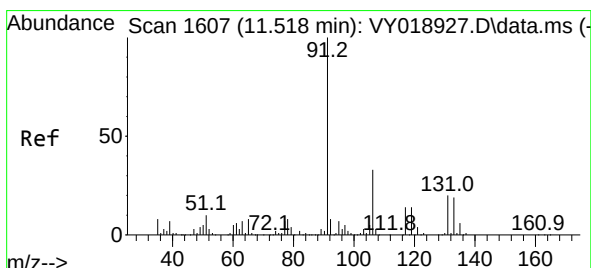
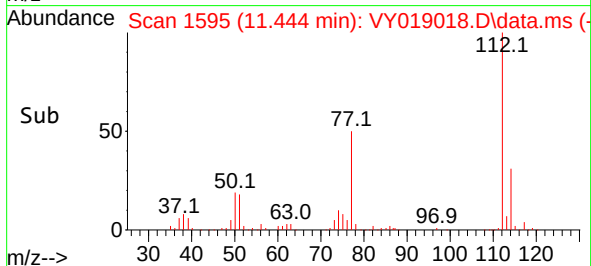
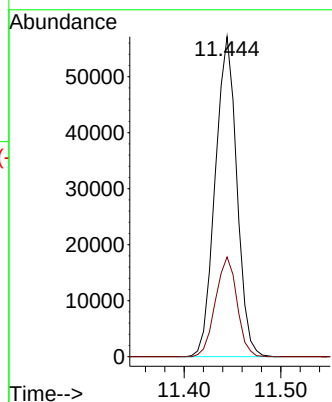
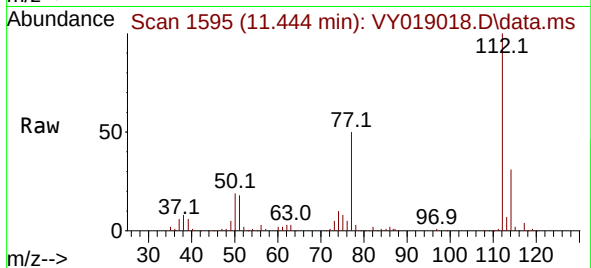
VSTDCCC050

Tgt Ion:112 Resp: 88728

Ion Ratio Lower Upper

112 100

114 31.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.917 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

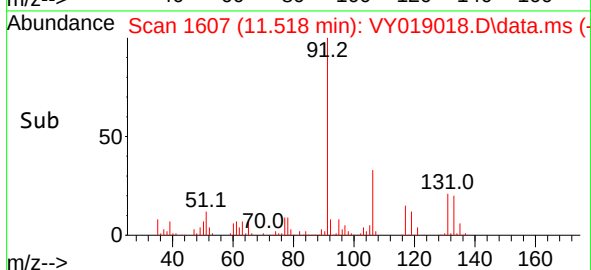
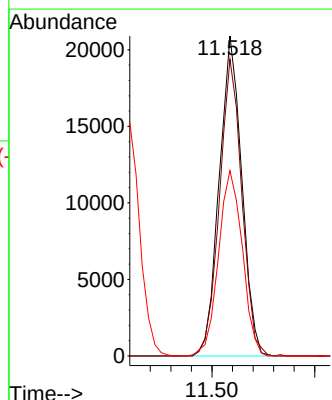
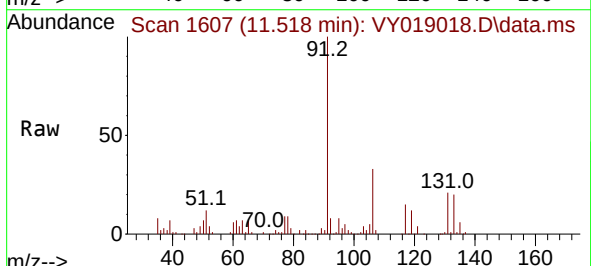
Tgt Ion:131 Resp: 31765

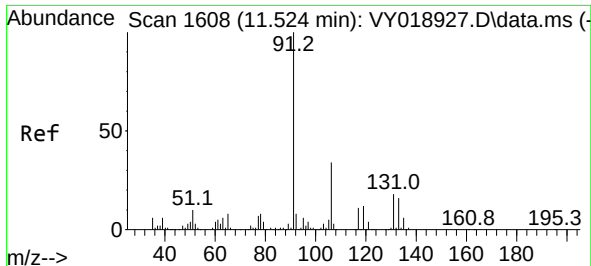
Ion Ratio Lower Upper

131 100

133 91.9 47.8 143.3

119 61.2 34.1 102.2





#67

Ethyl Benzene

Concen: 54.375 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

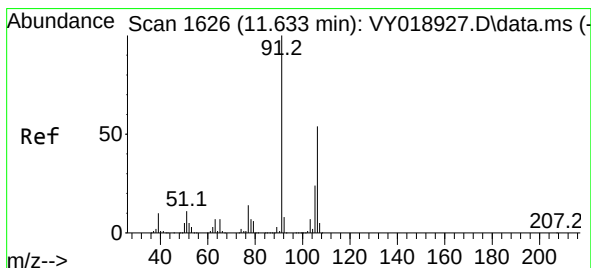
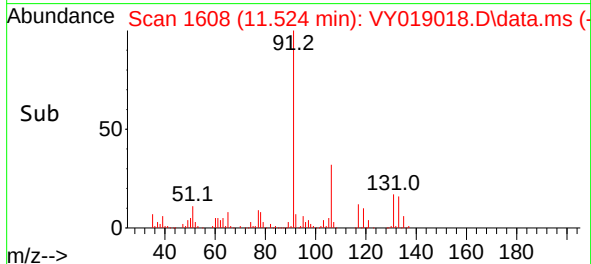
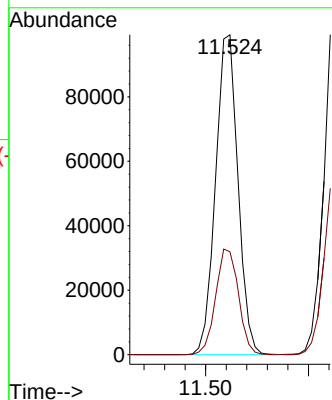
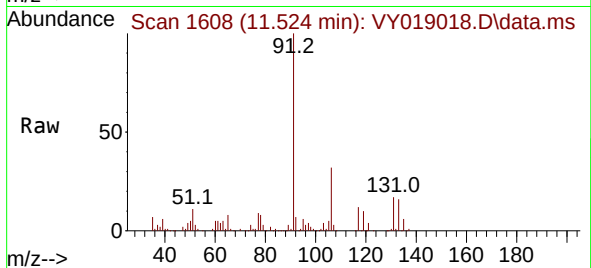
VSTDCCC050

Tgt Ion: 91 Resp: 150211

Ion Ratio Lower Upper

91 100

106 32.2 24.5 36.7



#68

m/p-Xylenes

Concen: 111.932 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY019018.D

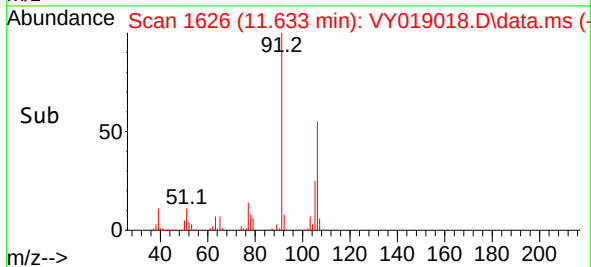
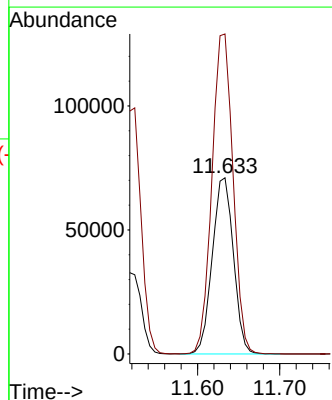
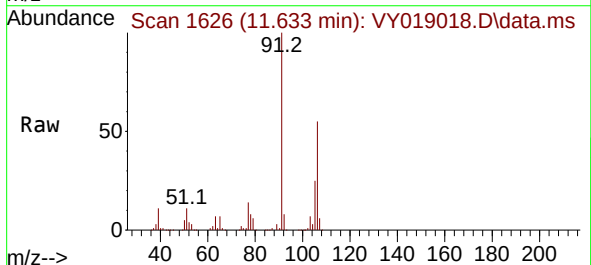
Acq: 13 Aug 2024 10:02

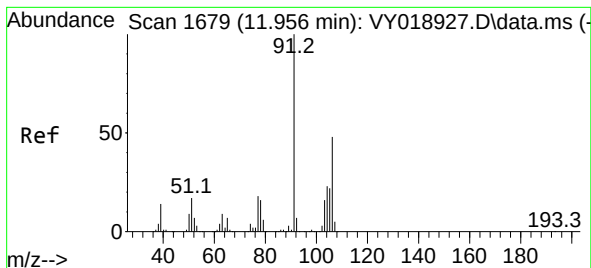
Tgt Ion:106 Resp: 126793

Ion Ratio Lower Upper

106 100

91 181.6 156.0 234.0





#69

o-Xylene

Concen: 56.230 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

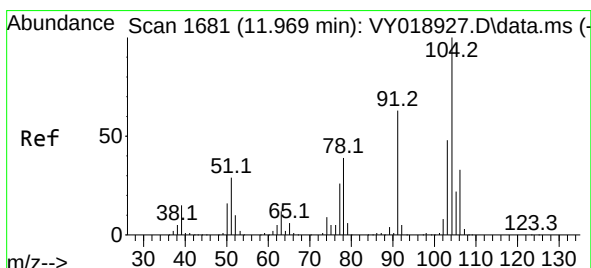
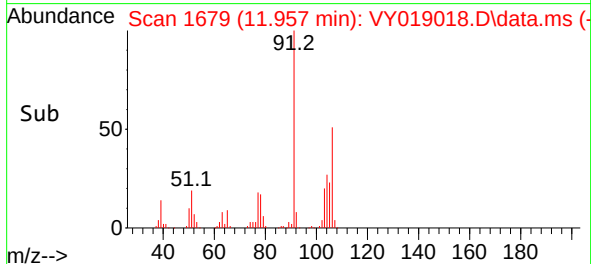
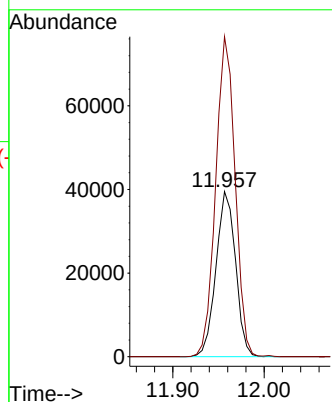
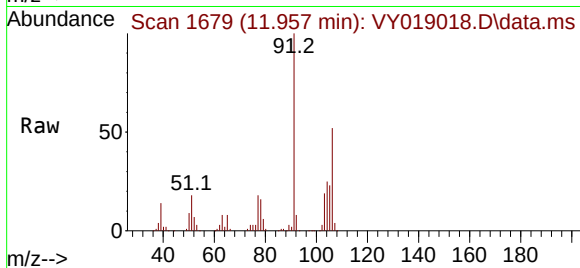
VSTDCCC050

Tgt Ion:106 Resp: 58787

Ion Ratio Lower Upper

106 100

91 192.6 103.6 310.8



#70

Styrene

Concen: 56.622 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

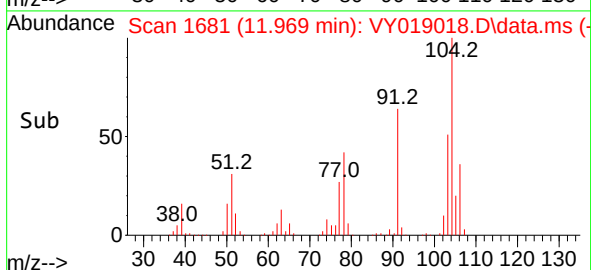
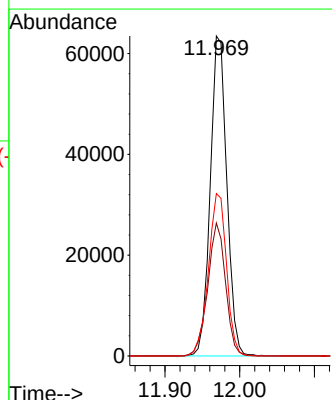
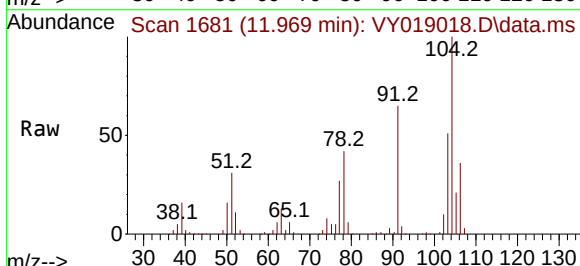
Tgt Ion:104 Resp: 97504

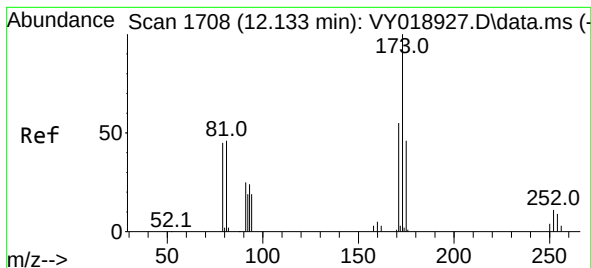
Ion Ratio Lower Upper

104 100

78 44.8 37.0 55.4

103 55.6 44.2 66.2





#71

Bromoform

Concen: 59.631 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

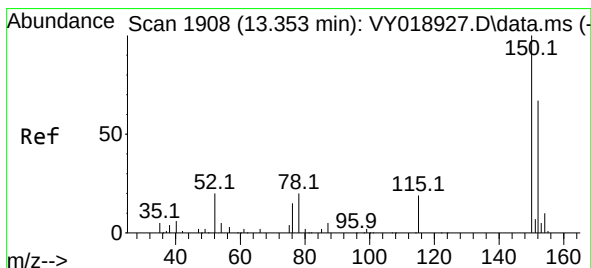
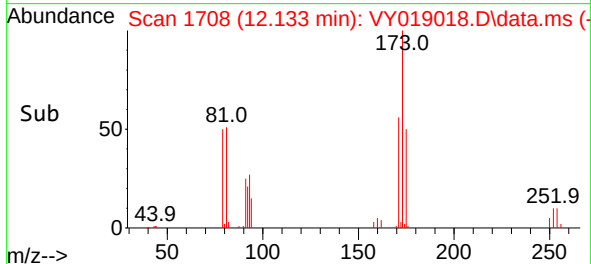
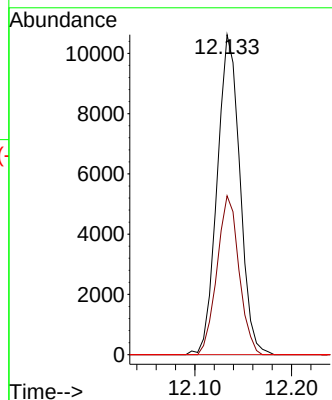
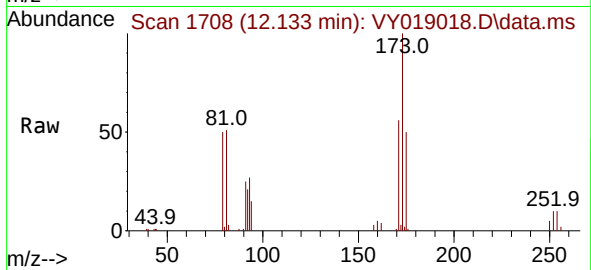
Tgt Ion:173 Resp: 17306

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

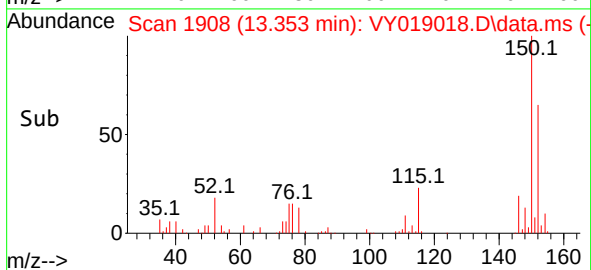
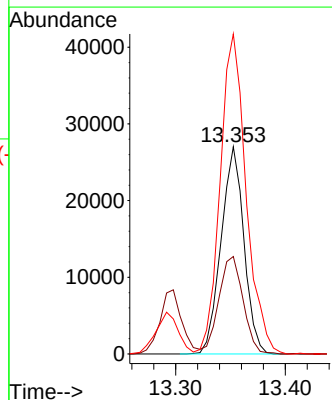
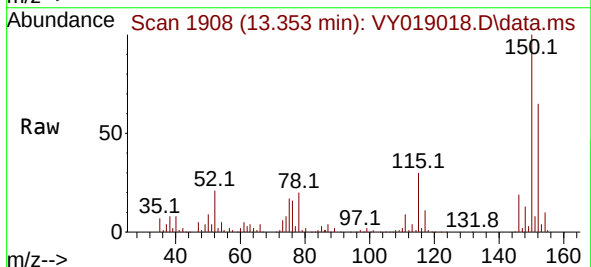
Tgt Ion:152 Resp: 39119

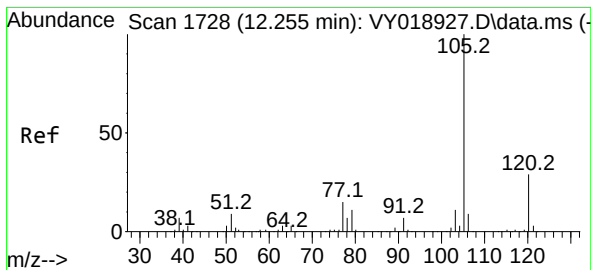
Ion Ratio Lower Upper

152 100

115 49.9 28.2 84.7

150 175.1 0.0 345.6





#73

Isopropylbenzene

Concen: 50.692 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

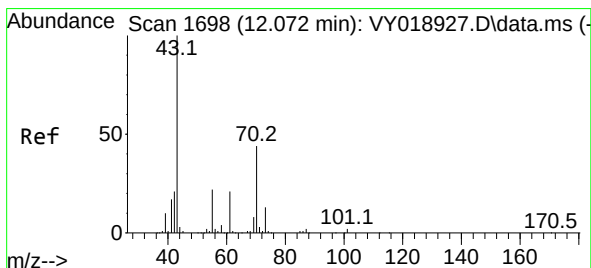
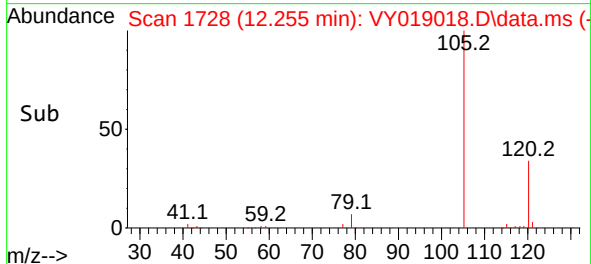
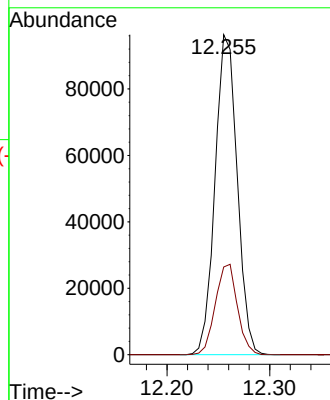
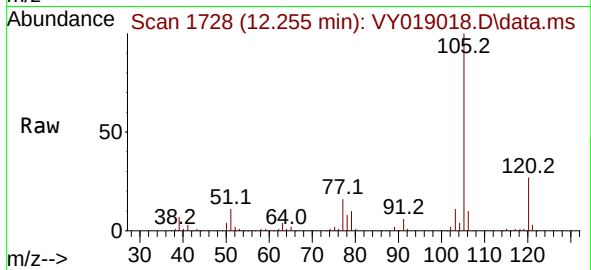
VSTDCCC050

Tgt Ion:105 Resp: 143941

Ion Ratio Lower Upper

105 100

120 28.0 13.4 40.1



#74

N-ethyl acetate

Concen: 51.098 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Tgt Ion: 43 Resp: 33482

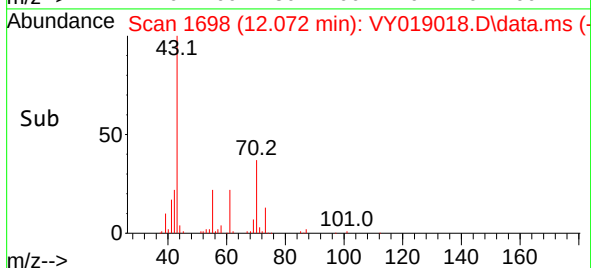
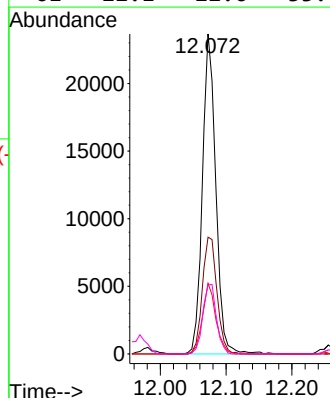
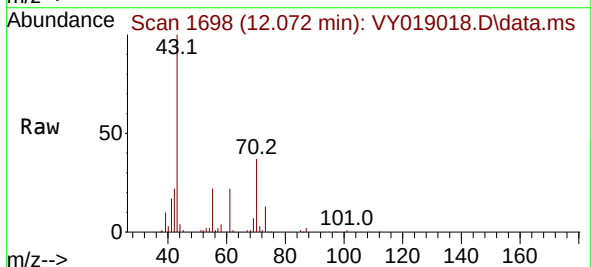
Ion Ratio Lower Upper

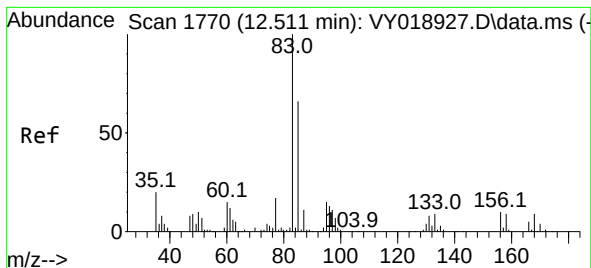
43 100

70 39.8 41.4 62.2#

55 22.1 23.3 34.9#

61 22.1 22.6 33.8#





#75

1,1,2-Tetrachloroethane

Concen: 53.611 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

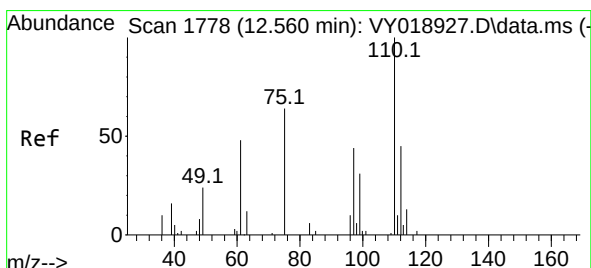
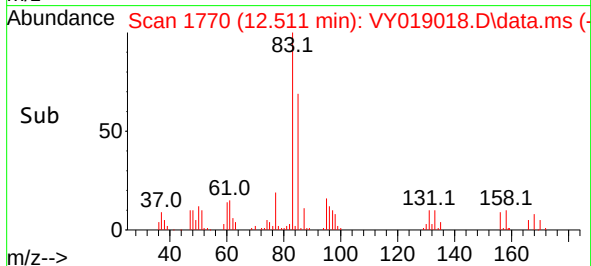
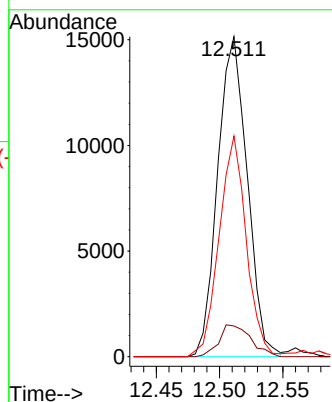
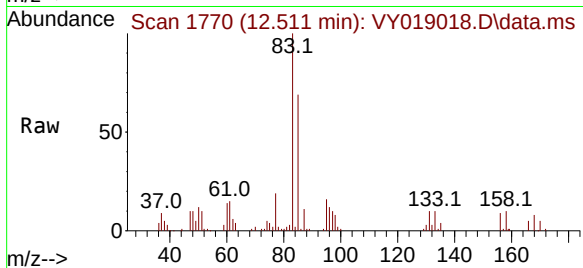
Tgt Ion: 83 Resp: 24567

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 63.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 103.383 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019018.D

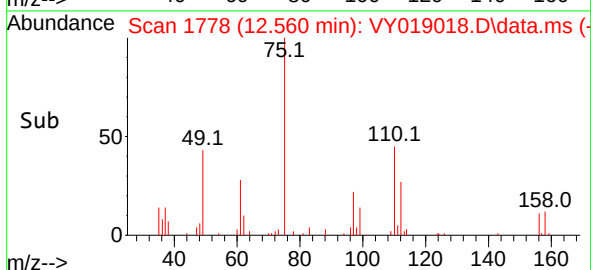
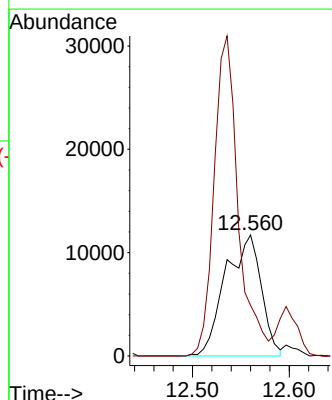
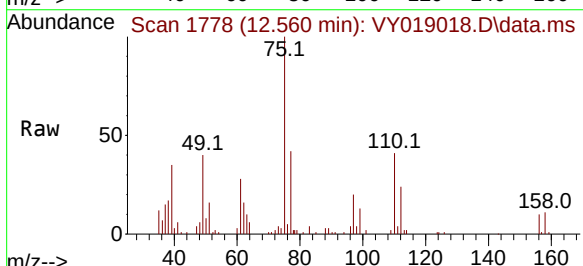
Acq: 13 Aug 2024 10:02

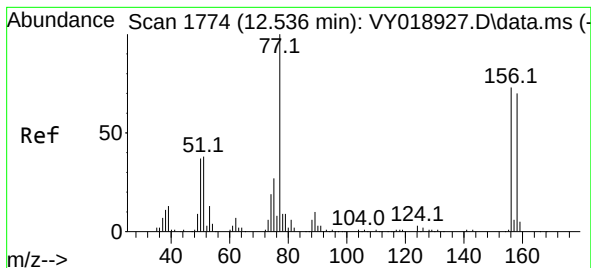
Tgt Ion: 75 Resp: 30129

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.314 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

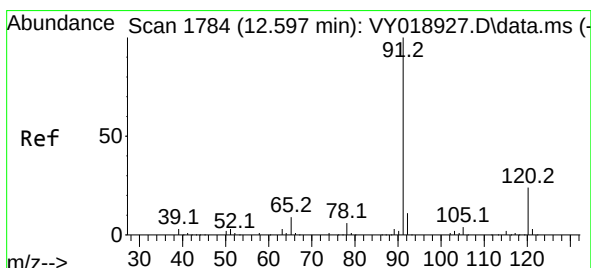
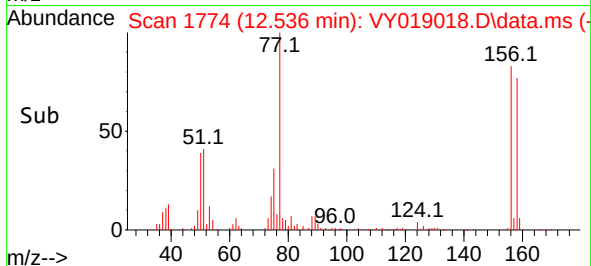
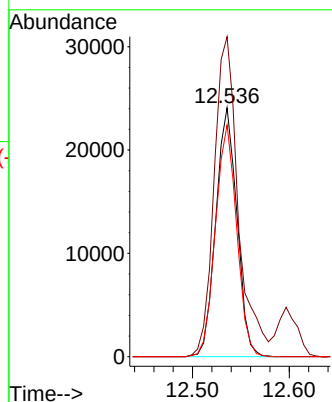
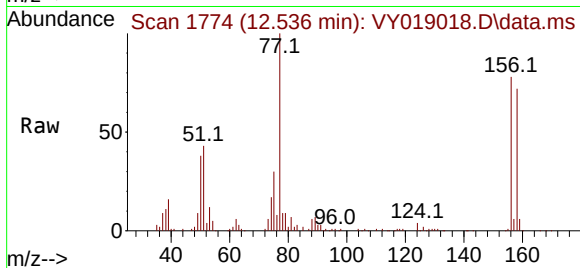
Tgt Ion:156 Resp: 36590

Ion Ratio Lower Upper

156 100

77 146.3 87.1 261.3

158 93.4 48.6 145.9



#78

n-propylbenzene

Concen: 50.954 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019018.D

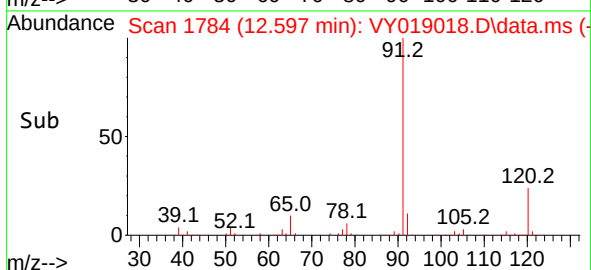
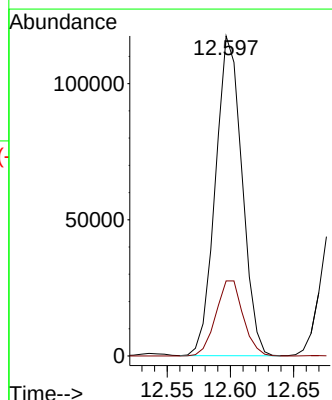
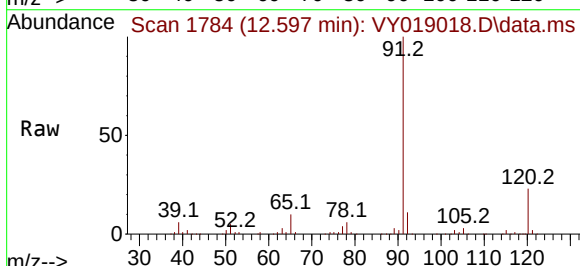
Acq: 13 Aug 2024 10:02

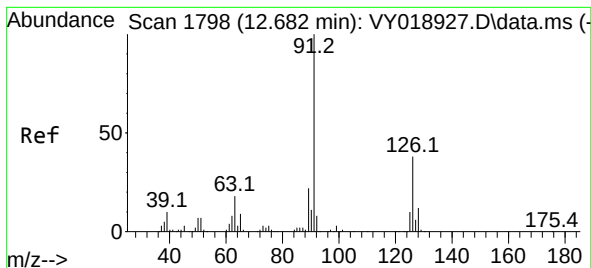
Tgt Ion: 91 Resp: 171249

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.866 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

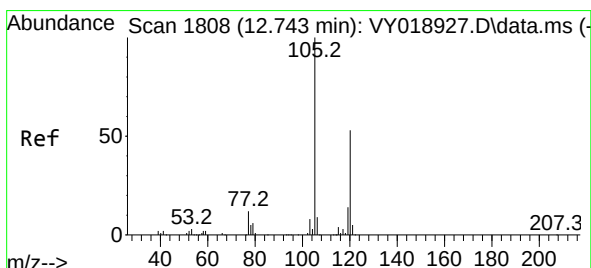
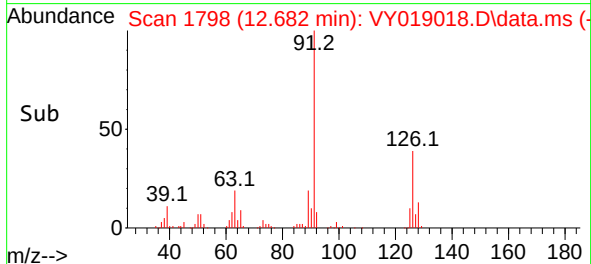
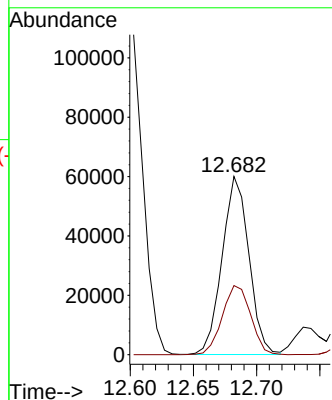
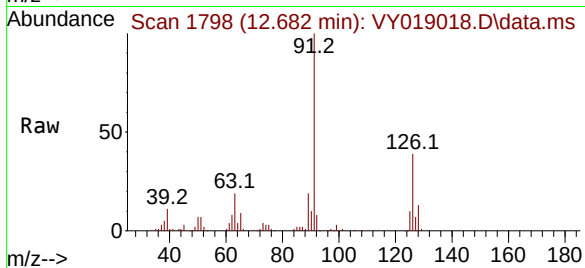
VSTDC050

Tgt Ion: 91 Resp: 88503

Ion Ratio Lower Upper

91 100

126 41.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 52.368 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY019018.D

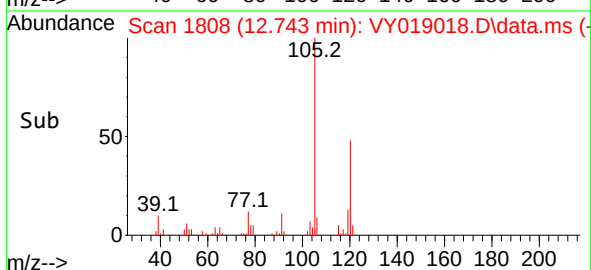
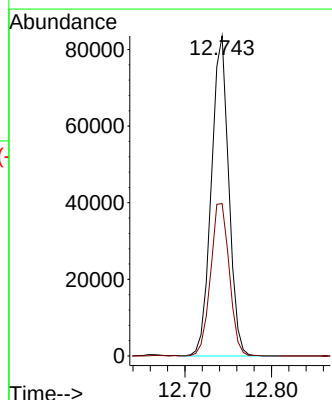
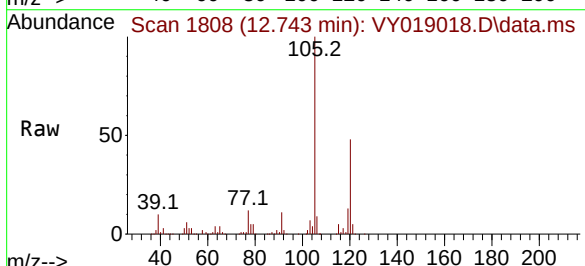
Acq: 13 Aug 2024 10:02

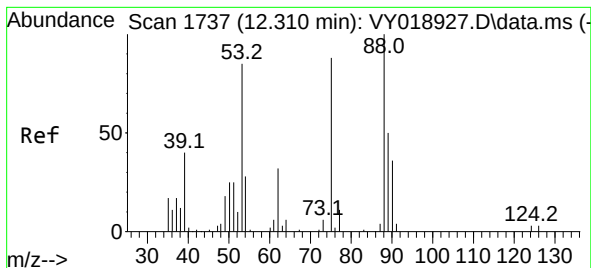
Tgt Ion: 105 Resp: 116531

Ion Ratio Lower Upper

105 100

120 51.3 25.1 75.2

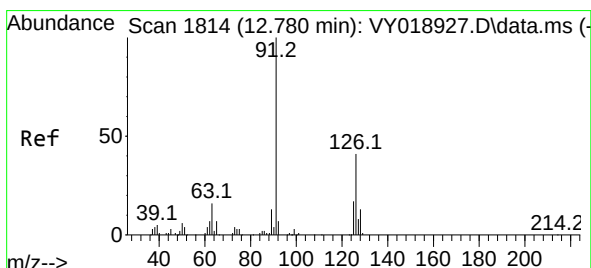
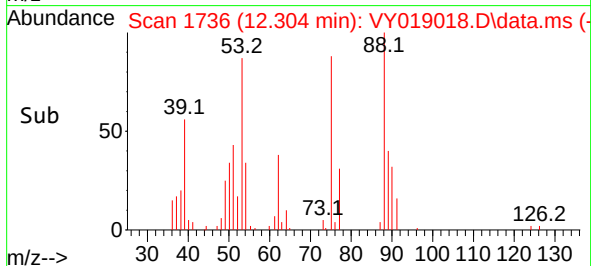
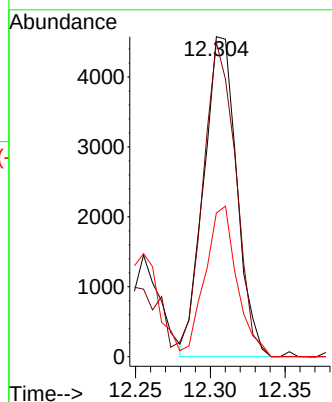
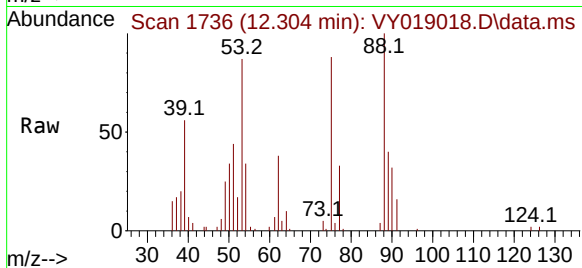




#81
trans-1,4-Dichloro-2-butene
Concen: 49.805 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

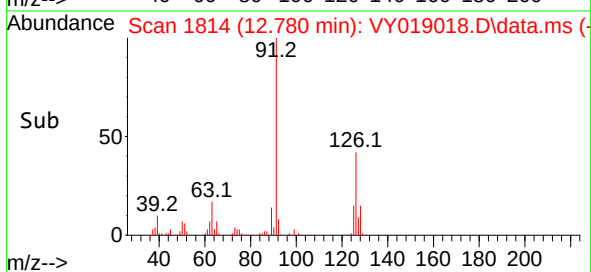
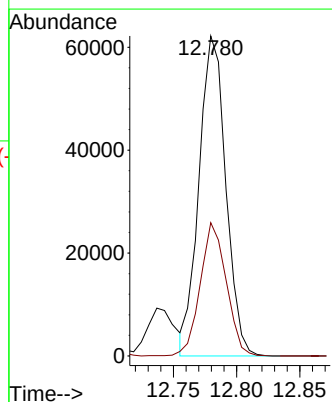
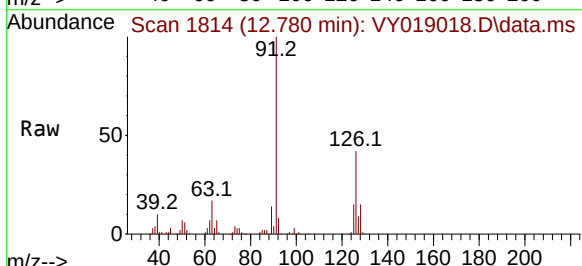
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

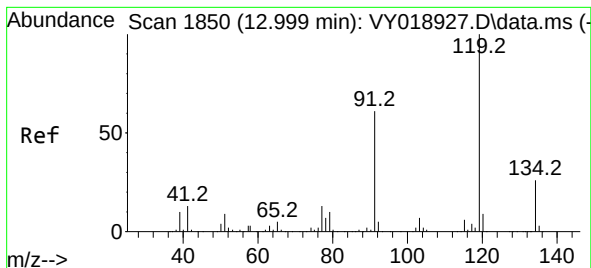
Tgt Ion:	75	Resp:	7044
Ion	Ratio	Lower	Upper
75	100		
53	97.8	66.8	100.2
89	45.3	35.8	53.6



#82
4-Chlorotoluene
Concen: 51.547 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion:	91	Resp:	91824
Ion	Ratio	Lower	Upper
91	100		
126	40.5	17.6	52.9





#83

tert-Butylbenzene

Concen: 50.089 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

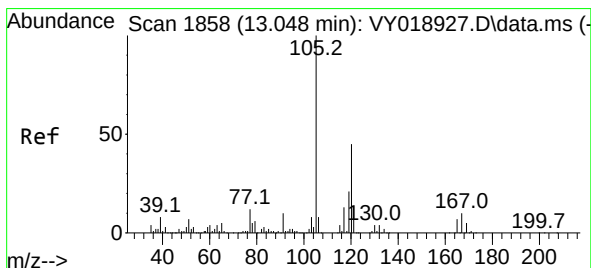
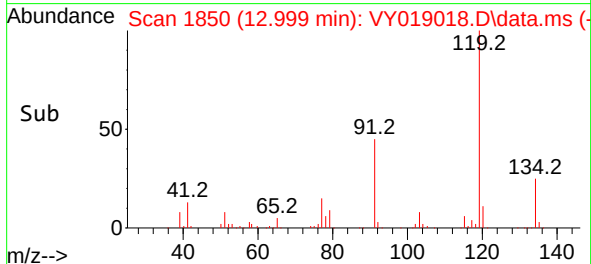
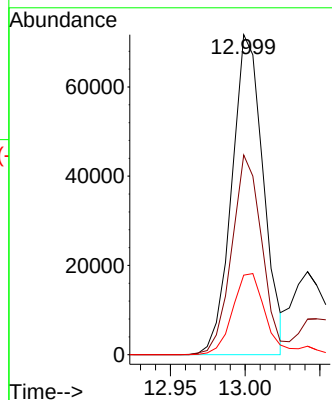
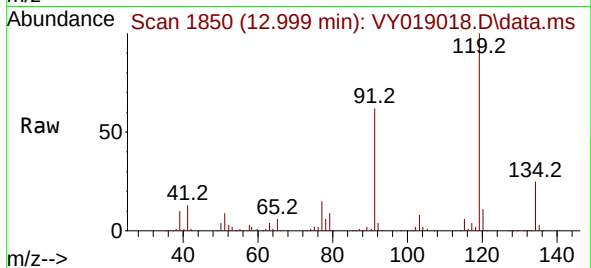
Tgt Ion:119 Resp: 105280

Ion Ratio Lower Upper

119 100

91 60.3 31.3 93.8

134 27.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.983 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY019018.D

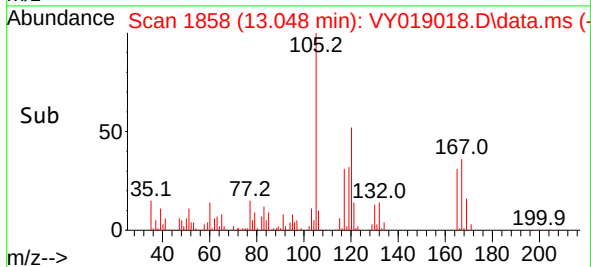
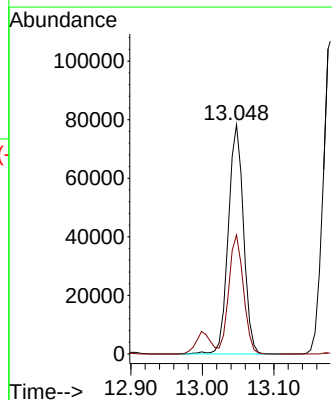
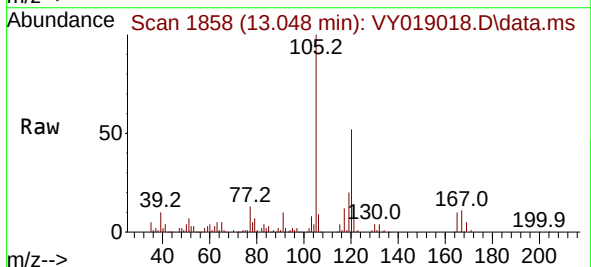
Acq: 13 Aug 2024 10:02

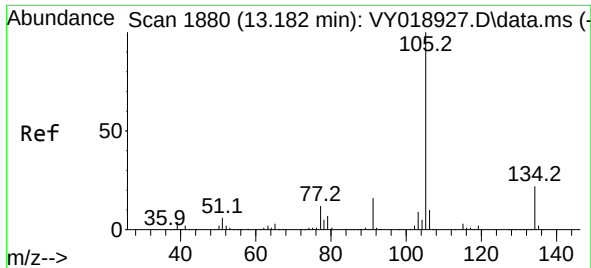
Tgt Ion:105 Resp: 115088

Ion Ratio Lower Upper

105 100

120 49.9 23.2 69.6

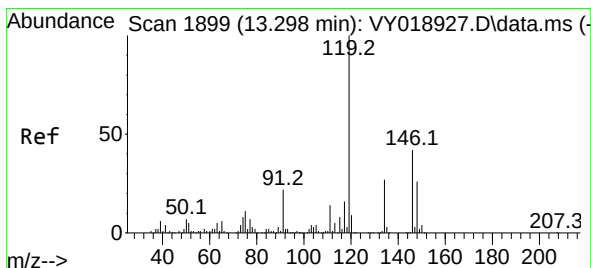
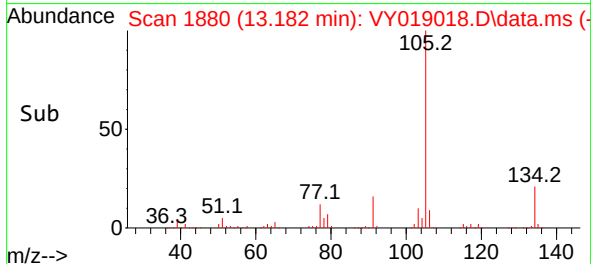
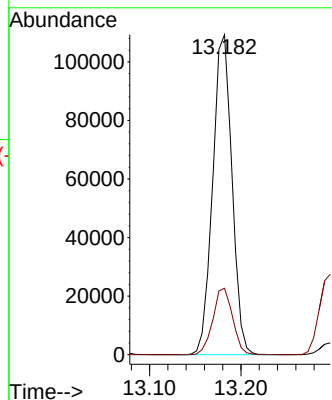
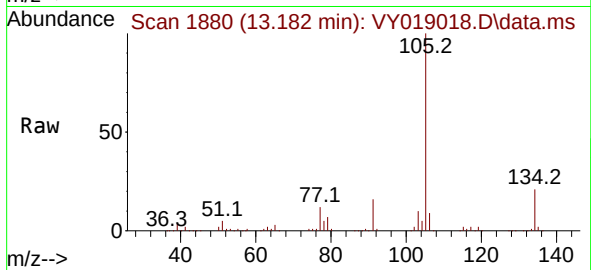




#85
 sec-Butylbenzene
 Concen: 52.551 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VY019018.D
 Acq: 13 Aug 2024 10:02

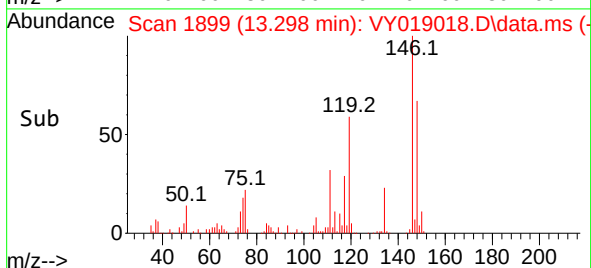
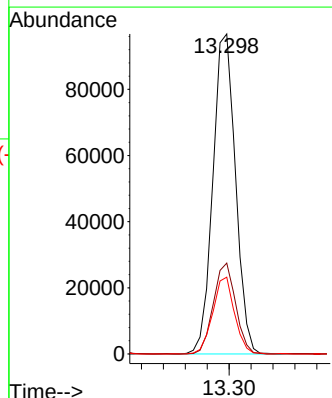
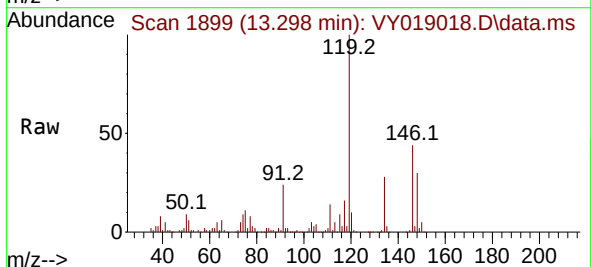
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

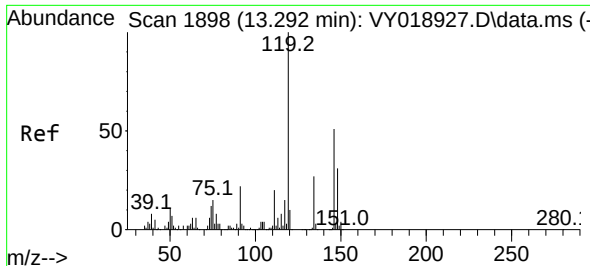
Tgt Ion:105 Resp: 159992
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.703 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VY019018.D
 Acq: 13 Aug 2024 10:02

Tgt Ion:119 Resp: 138939
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.1 39.3
 91 23.2 10.7 32.1

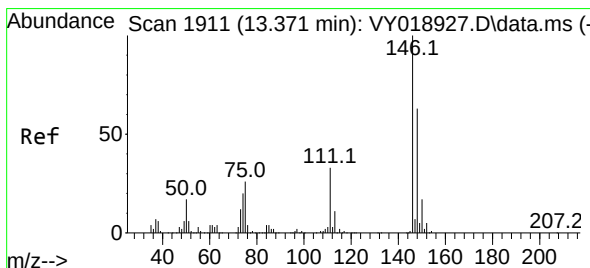
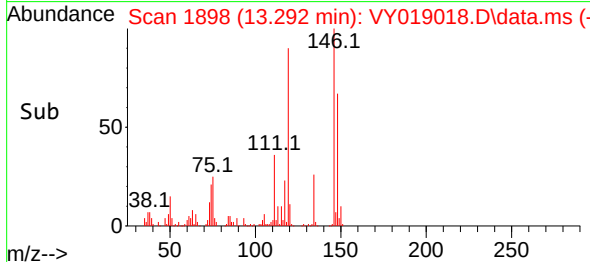
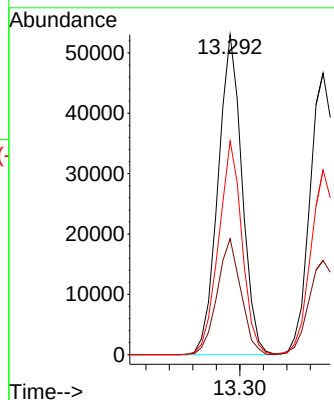
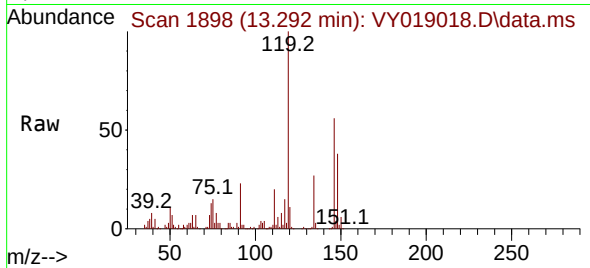




#87
 1,3-Dichlorobenzene
 Concen: 55.685 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019018.D
 Acq: 13 Aug 2024 10:02

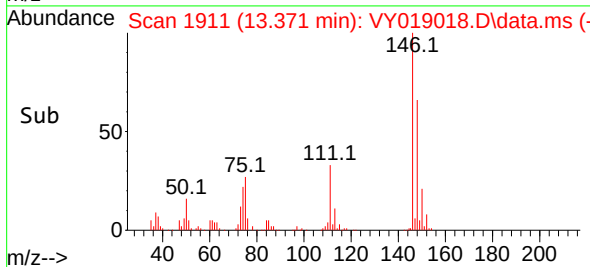
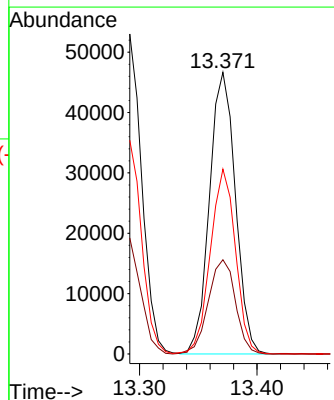
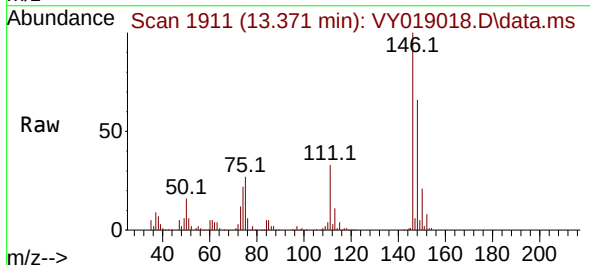
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

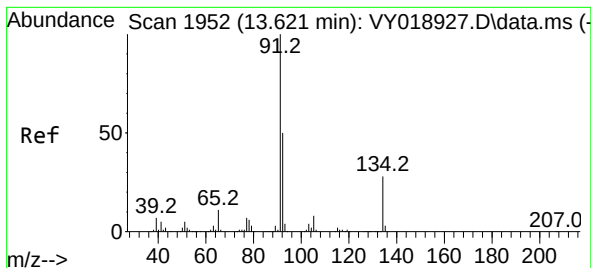
Tgt Ion:146 Resp: 75244
 Ion Ratio Lower Upper
 146 100
 111 35.9 19.0 57.0
 148 65.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 54.351 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY019018.D
 Acq: 13 Aug 2024 10:02

Tgt Ion:146 Resp: 71623
 Ion Ratio Lower Upper
 146 100
 111 34.9 18.4 55.4
 148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 51.604 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

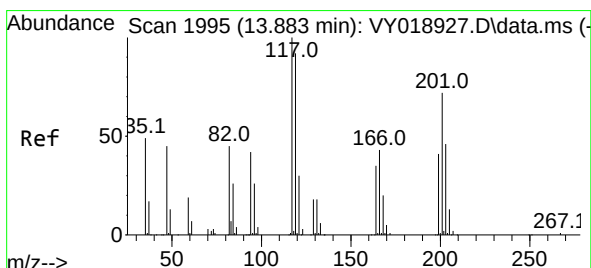
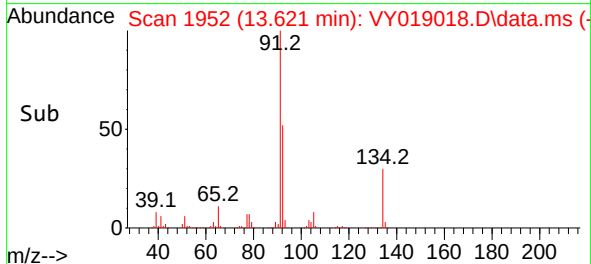
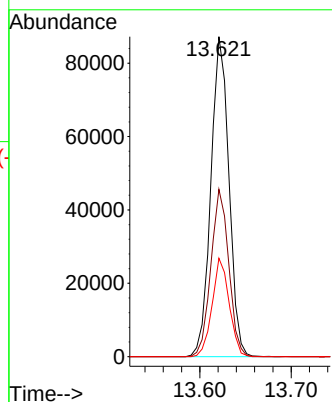
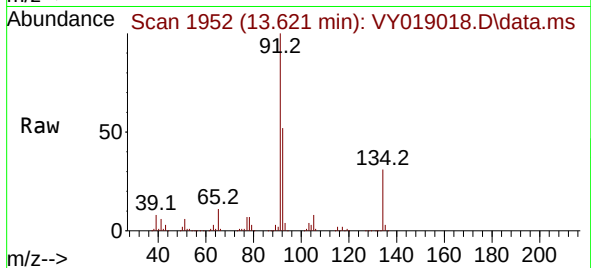
Tgt Ion: 91 Resp: 119411

Ion Ratio Lower Upper

91 100

92 51.8 26.6 79.7

134 29.1 12.9 38.7



#90

Hexachloroethane

Concen: 53.283 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019018.D

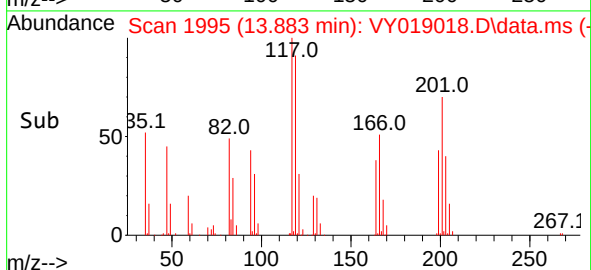
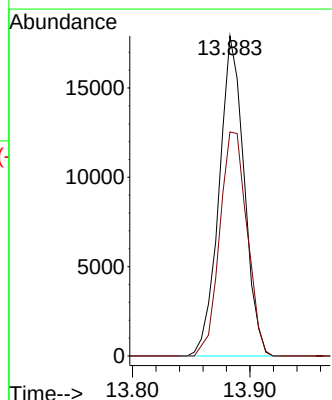
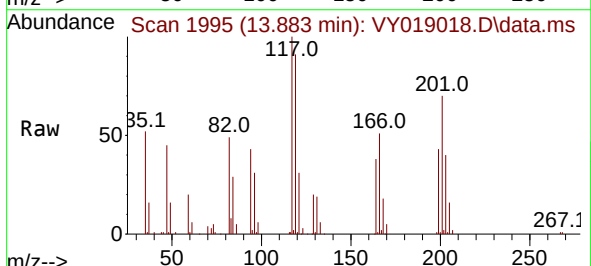
Acq: 13 Aug 2024 10:02

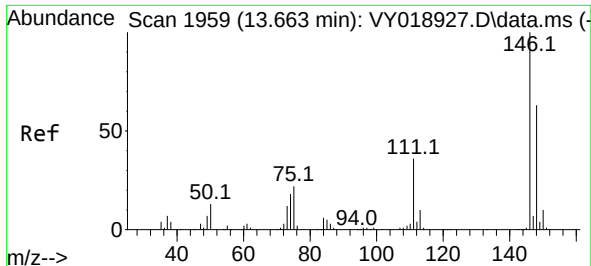
Tgt Ion: 117 Resp: 26505

Ion Ratio Lower Upper

117 100

201 76.5 37.4 112.2

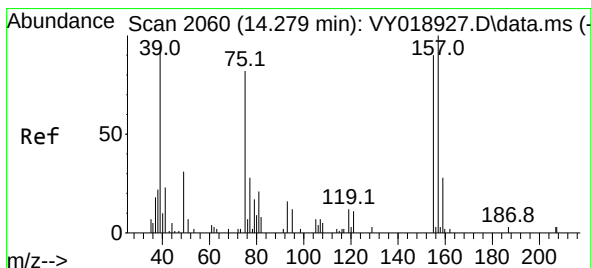
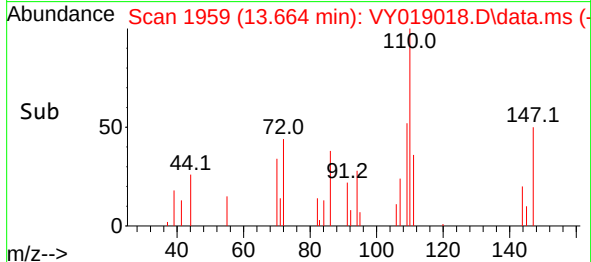
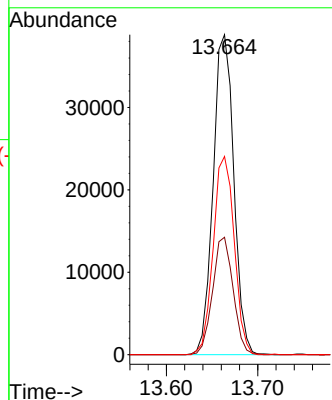
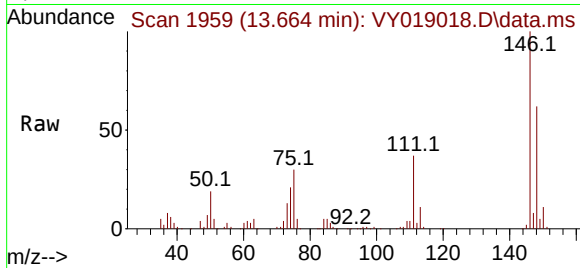




#91
1,2-Dichlorobenzene
Concen: 54.846 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

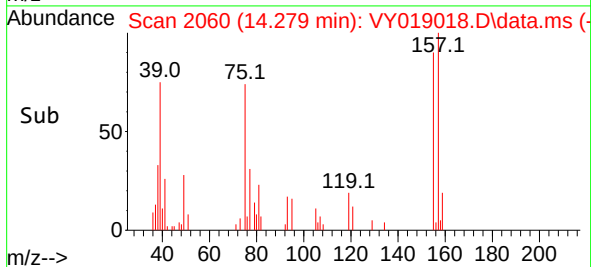
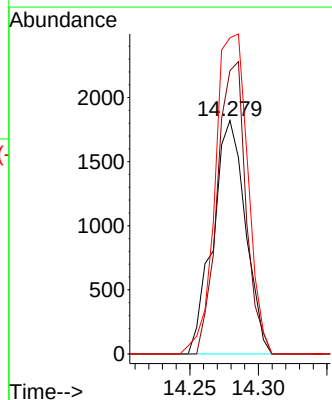
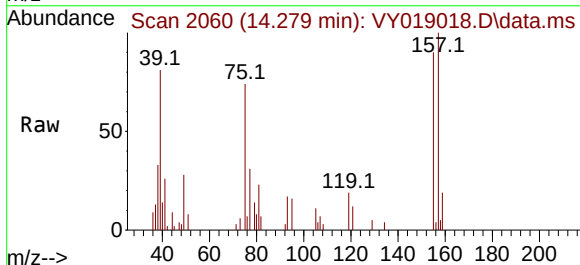
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

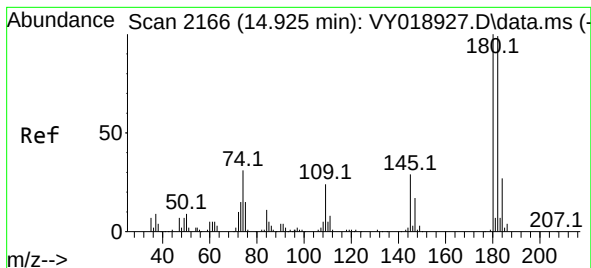
Tgt Ion:146 Resp: 60932
Ion Ratio Lower Upper
146 100
111 36.5 19.9 59.7
148 63.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.672 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY019018.D
Acq: 13 Aug 2024 10:02

Tgt Ion: 75 Resp: 3005
Ion Ratio Lower Upper
75 100
155 109.3 48.6 145.8
157 136.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 56.756 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

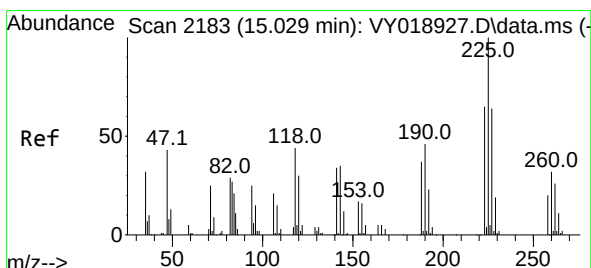
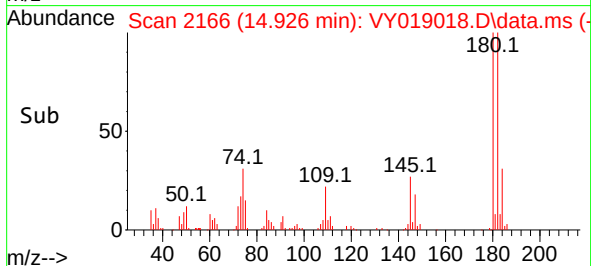
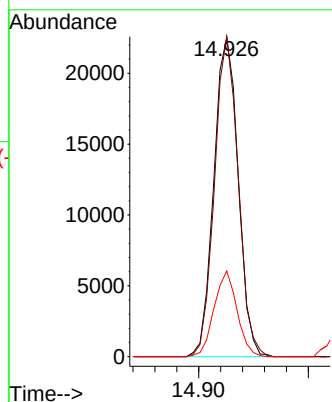
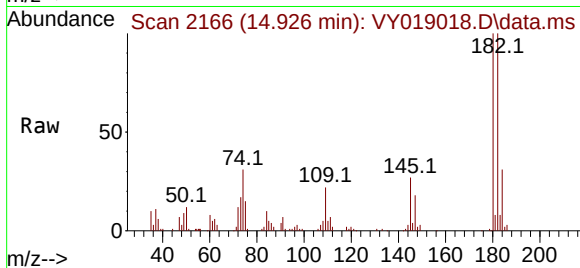
Tgt Ion:180 Resp: 34720

Ion Ratio Lower Upper

180 100

182 97.2 47.9 143.8

145 25.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 55.890 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

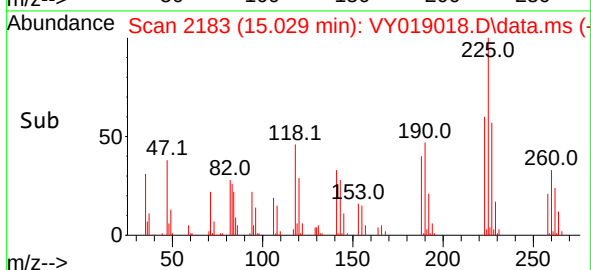
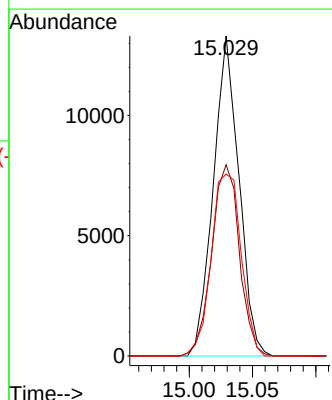
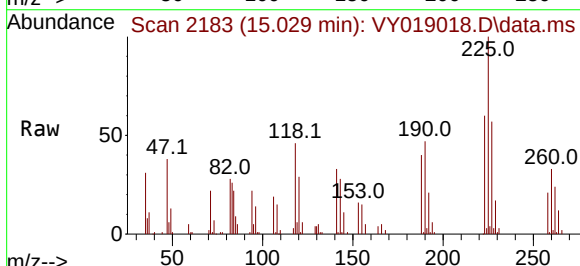
Tgt Ion:225 Resp: 18751

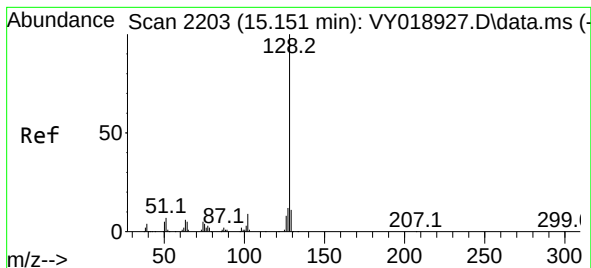
Ion Ratio Lower Upper

225 100

223 64.5 30.4 91.2

227 66.6 31.9 95.9





#95

Naphthalene

Concen: 55.287 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.006 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

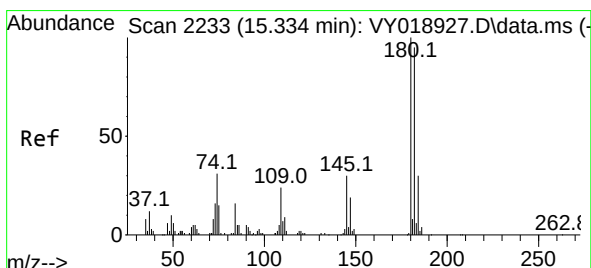
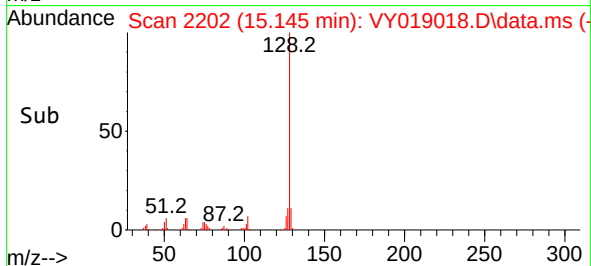
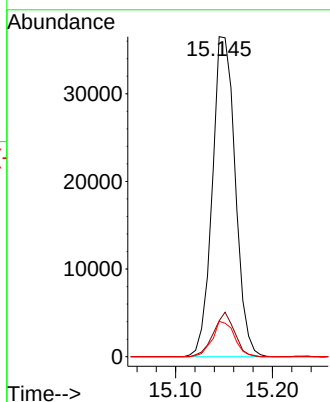
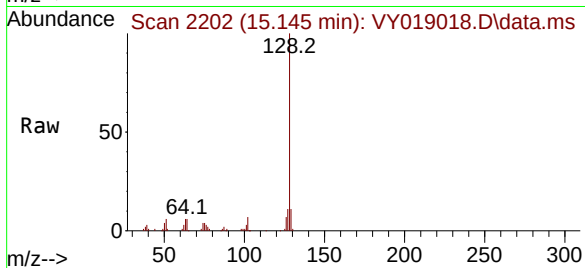
Tgt Ion:128 Resp: 60210

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 56.874 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY019018.D

Acq: 13 Aug 2024 10:02

Tgt Ion:180 Resp: 29863

Ion Ratio Lower Upper

180 100

182 97.1 47.6 142.9

145 28.5 15.4 46.1

