

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011013.D
 Acq On : 20 Oct 2022 09:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 20 22:21:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	293425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	462538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	410785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195932	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	114663	42.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.840%
35) Dibromofluoromethane	7.716	113	122608	47.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.880%
50) Toluene-d8	10.185	98	430510	44.576	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.160%
62) 4-Bromofluorobenzene	12.483	95	160341	46.664	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	91072	46.792	ug/l	99
3) Chloromethane	2.119	50	126157	45.180	ug/l	96
4) Vinyl Chloride	2.253	62	155538	49.145	ug/l	100
5) Bromomethane	2.656	94	107632	49.169	ug/l	98
6) Chloroethane	2.802	64	107741	50.943	ug/l	97
7) Trichlorofluoromethane	3.131	101	237974	51.372	ug/l	96
8) Diethyl Ether	3.533	74	82009	47.440	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.905	101	149619	51.492	ug/l	93
10) Methyl Iodide	4.094	142	186855	52.554	ug/l	90
11) Tert butyl alcohol	4.948	59	70802	231.045	ug/l	97
12) 1,1-Dichloroethene	3.875	96	137697	49.469	ug/l	87
13) Acrolein	3.735	56	110055	252.573	ug/l	98
14) Allyl chloride	4.484	41	217904	49.366	ug/l #	89
15) Acrylonitrile	5.161	53	206463	229.129	ug/l	98
16) Acetone	3.948	43	208668	265.850	ug/l #	87
17) Carbon Disulfide	4.198	76	353091	43.270	ug/l	99
18) Methyl Acetate	4.478	43	97773	43.938	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	393629	50.614	ug/l	97
20) Methylene Chloride	4.716	84	176753	51.916	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	155172	49.381	ug/l	89
22) Diisopropyl ether	6.118	45	491053	51.944	ug/l #	93
23) Vinyl Acetate	6.057	43	1452639	256.963	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	293652	51.448	ug/l	99
25) 2-Butanone	6.984	43	278355	233.847	ug/l #	85
26) 2,2-Dichloropropane	6.984	77	270756	53.419	ug/l	95
27) cis-1,2-Dichloroethene	6.990	96	187699	51.828	ug/l	89
28) Bromochloromethane	7.332	49	105887	52.187	ug/l	86
29) Tetrahydrofuran	7.350	42	162056	221.283	ug/l #	85
30) Chloroform	7.508	83	301936	52.477	ug/l	99
31) Cyclohexane	7.789	56	239741	46.352	ug/l	93
32) 1,1,1-Trichloroethane	7.703	97	267973	52.985	ug/l	96
36) 1,1-Dichloropropene	7.917	75	221378	51.414	ug/l	97
37) Ethyl Acetate	7.075	43	114371	47.977	ug/l #	94
38) Carbon Tetrachloride	7.898	117	237943	53.534	ug/l	97
39) Methylcyclohexane	9.185	83	264257	51.240	ug/l	92
40) Benzene	8.161	78	651844	51.595	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	152406	117.975	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	180317	51.510	ug/l	91
43) Isopropyl Acetate	8.270	43	208169	48.874	ug/l #	88
44) Trichloroethene	8.941	130	177321	51.793	ug/l	96
45) 1,2-Dichloropropane	9.215	63	167429	52.232	ug/l	97
46) Dibromomethane	9.307	93	90893	50.840	ug/l	96
47) Bromodichloromethane	9.496	83	232670	54.004	ug/l	99
48) Methyl methacrylate	9.295	41	93182	48.884	ug/l #	81
49) 1,4-Dioxane	9.301	88	23543	916.519	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	569843	239.897	ug/l #	88
52) Toluene	10.246	92	415875	52.987	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	234365	52.363	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	271117	52.933	ug/l #	84
55) 1,1,2-Trichloroethane	10.648	97	133089	51.601	ug/l	97
56) Ethyl methacrylate	10.514	69	180027	52.554	ug/l #	77
57) 1,3-Dichloropropane	10.794	76	226892	51.165	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	416820	246.204	ug/l	96
59) 2-Hexanone	10.831	43	409257	250.821	ug/l	86
60) Dibromochloromethane	10.983	129	161618	52.697	ug/l	100
61) 1,2-Dibromoethane	11.093	107	124694	50.485	ug/l	100
64) Tetrachloroethene	10.721	164	167345	52.332	ug/l	96
65) Chlorobenzene	11.520	112	451040	53.481	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	168137	53.863	ug/l	97
67) Ethyl Benzene	11.593	91	809452	54.252	ug/l	98
68) m/p-Xylenes	11.703	106	625250	108.938	ug/l	94
69) o-Xylene	12.032	106	301546	55.330	ug/l	93
70) Styrene	12.044	104	506500	54.848	ug/l	95
71) Bromoform	12.209	173	100641	52.240	ug/l #	99
73) Isopropylbenzene	12.331	105	805635	56.596	ug/l	99
74) N-amyl acetate	12.148	43	186541	51.650	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.587	83	152175	50.938	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	200500	90.134	ug/l #	100
77) Bromobenzene	12.611	156	180111	54.130	ug/l	98
78) n-propylbenzene	12.672	91	972548	56.154	ug/l	99
79) 2-Chlorotoluene	12.757	91	541397	55.507	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	667409	56.193	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	54728	52.914	ug/l #	84
82) 4-Chlorotoluene	12.855	91	554110	54.563	ug/l	99
83) tert-Butylbenzene	13.074	119	595195	57.952	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	658794	56.251	ug/l	98
85) sec-Butylbenzene	13.257	105	876275	56.778	ug/l	100
86) p-Isopropyltoluene	13.373	119	728527	56.902	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	356560	53.694	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	355295	53.810	ug/l	99
89) n-Butylbenzene	13.696	91	682193	57.020	ug/l	99
90) Hexachloroethane	13.964	117	138928	54.983	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	317820	53.493	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	23824	48.232	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	194978	54.910	ug/l	98
94) Hexachlorobutadiene	15.117	225	117114	56.032	ug/l	99
95) Naphthalene	15.239	128	387524	53.589	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	167150	53.958	ug/l	98

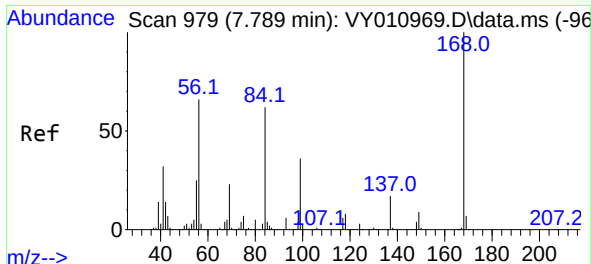
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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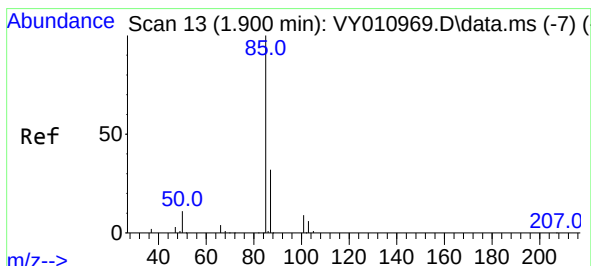
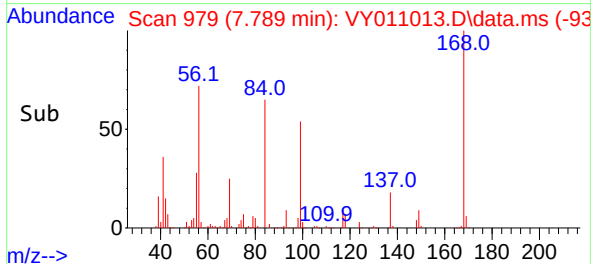
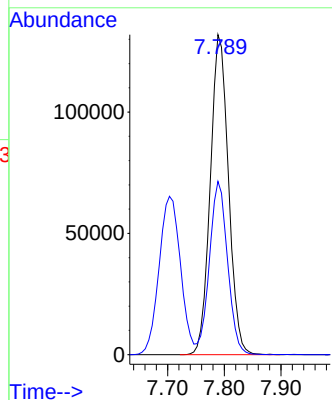
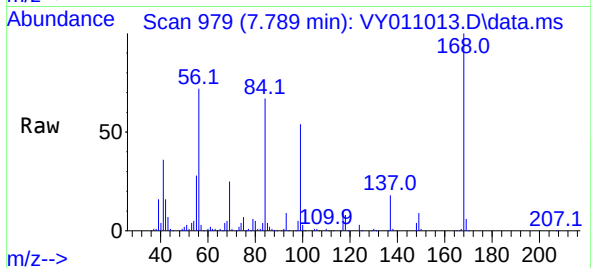
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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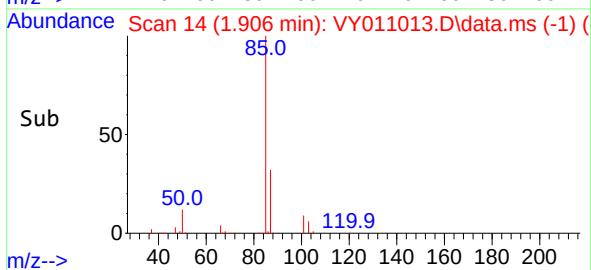
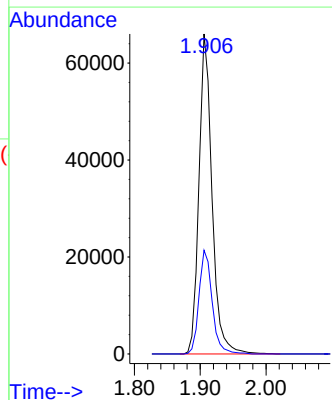
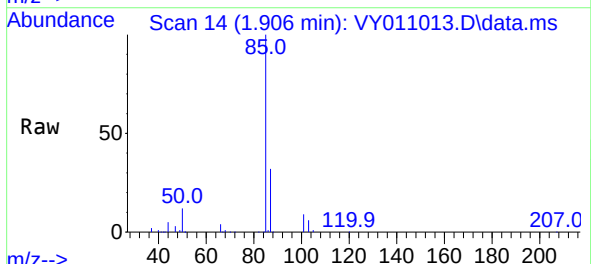
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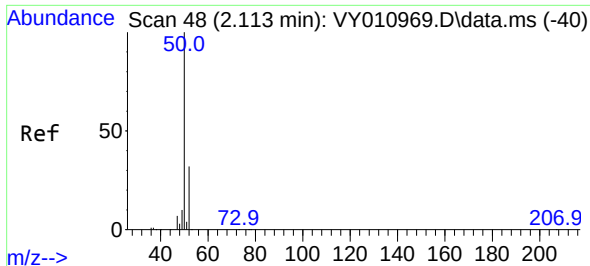
Tgt Ion:168 Resp: 293425
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 46.792 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 85 Resp: 91072
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2

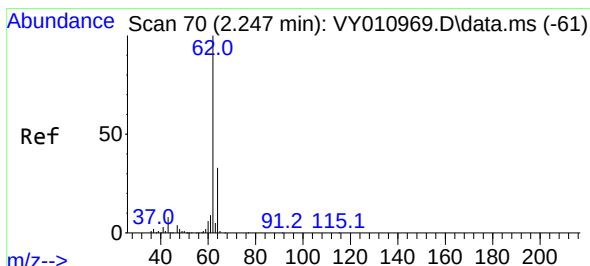
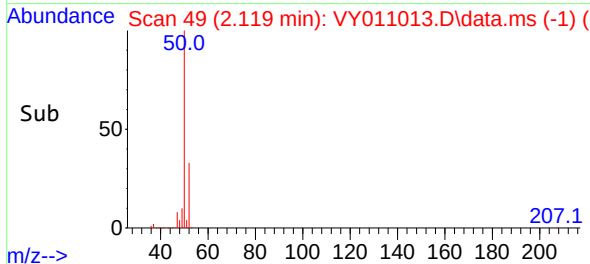
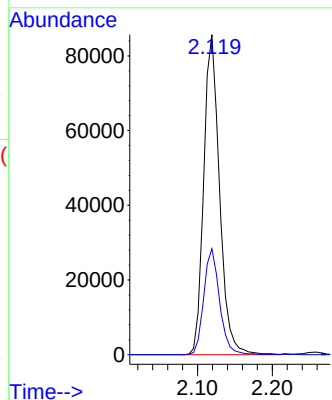
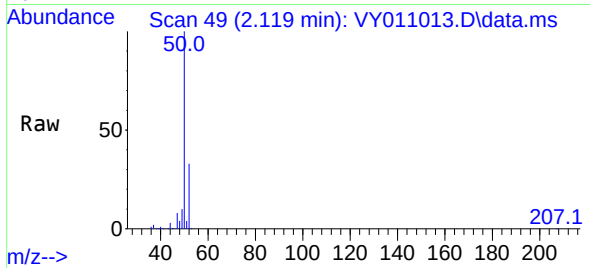




#3
Chloromethane
Concen: 45.180 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

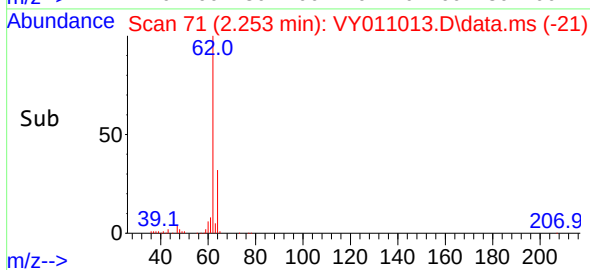
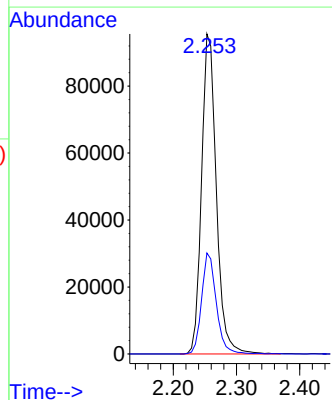
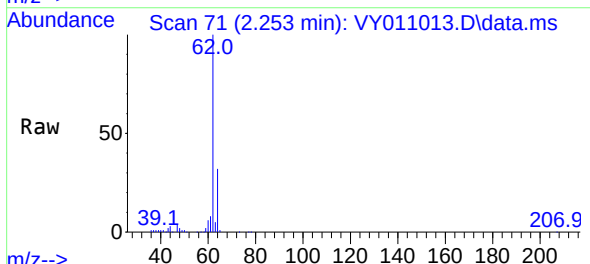
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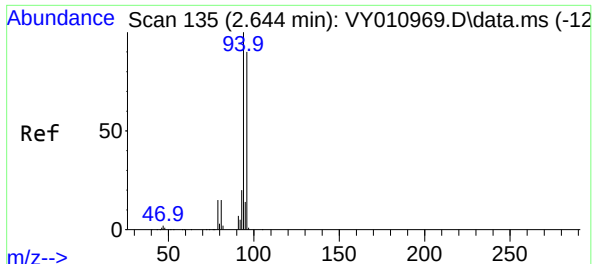
Tgt Ion: 50 Resp: 126157
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 49.145 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 62 Resp: 155538
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.6

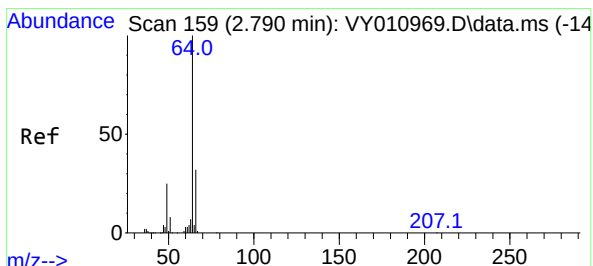
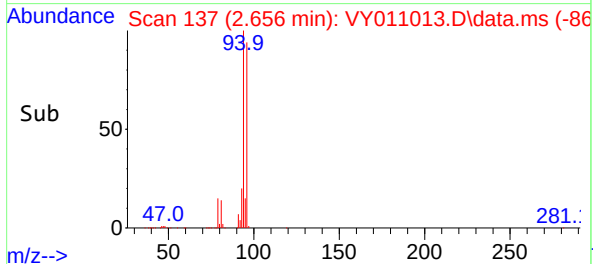
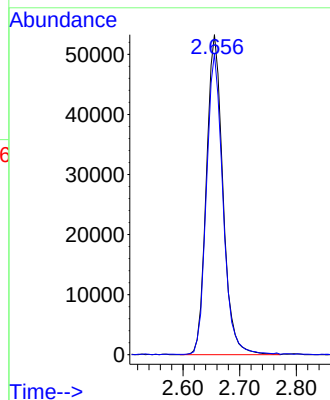
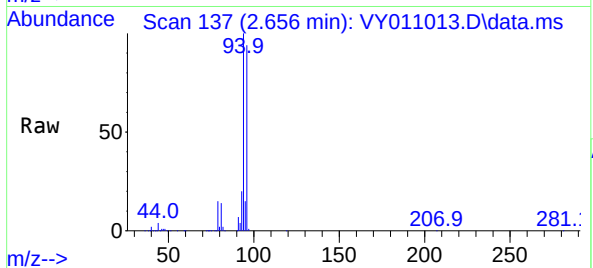




#5
Bromomethane
Concen: 49.169 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

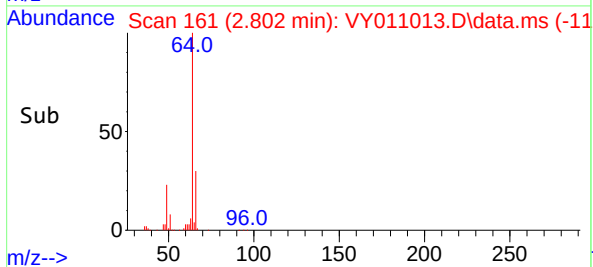
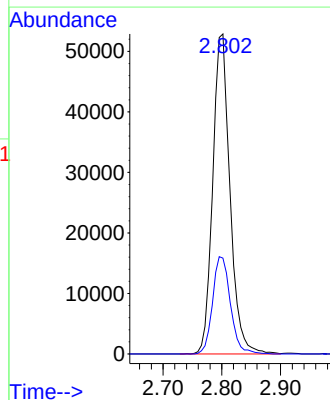
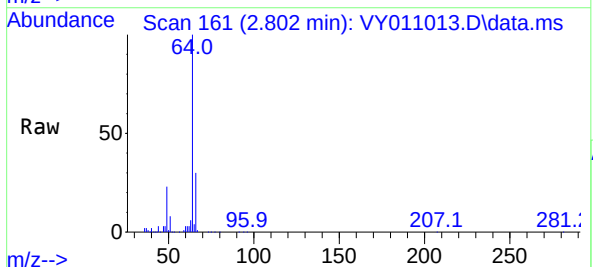
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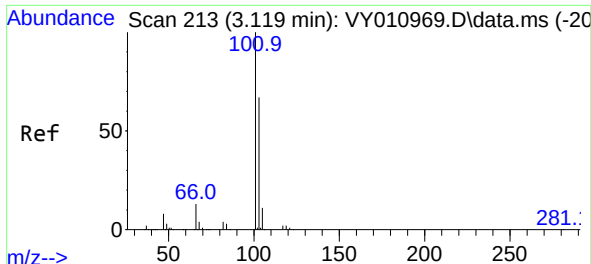
Tgt Ion: 94 Resp: 107632
Ion Ratio Lower Upper
94 100
96 93.9 73.5 110.3



#6
Chloroethane
Concen: 50.943 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 64 Resp: 107741
Ion Ratio Lower Upper
64 100
66 29.9 25.4 38.0

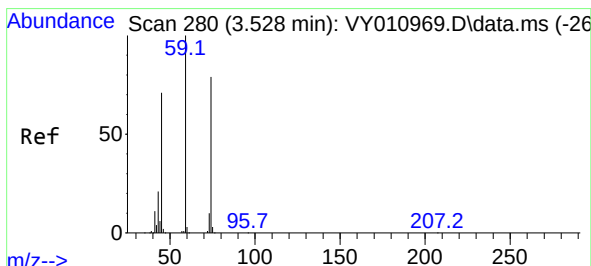
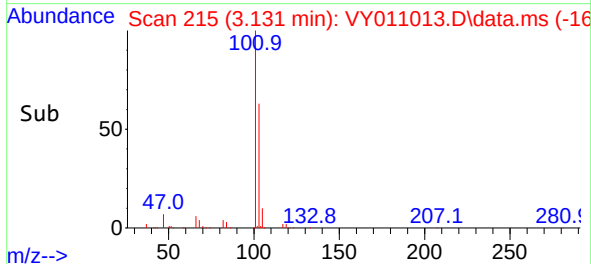
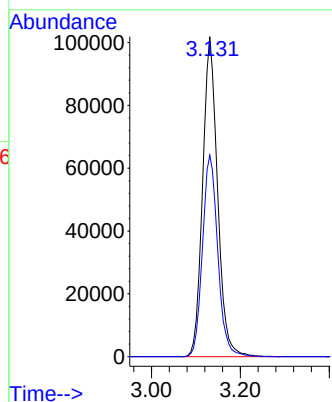
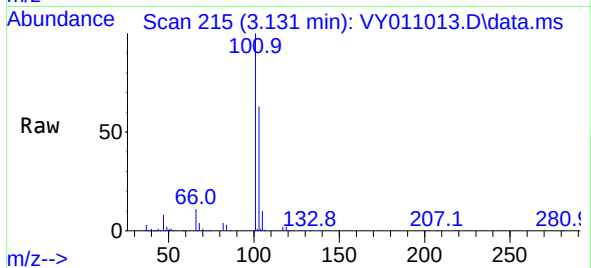




#7
Trichlorofluoromethane
Concen: 51.372 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY011013.D
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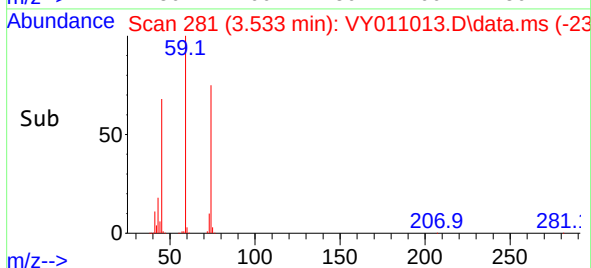
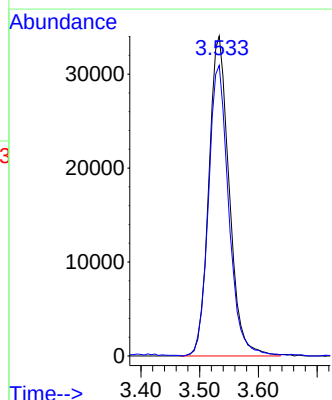
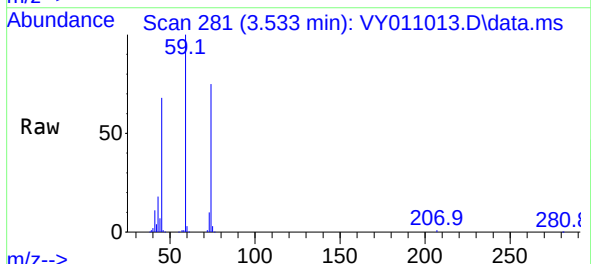
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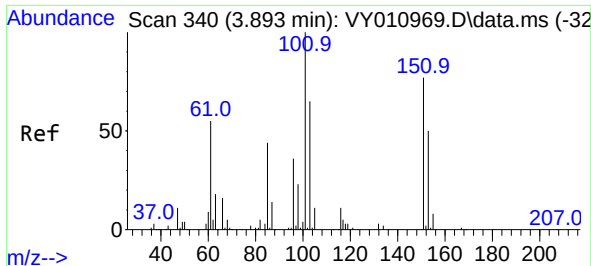
Tgt Ion:101 Resp: 237974
Ion Ratio Lower Upper
101 100
103 62.9 48.0 72.0



#8
Diethyl Ether
Concen: 47.440 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.005 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 74 Resp: 82009
Ion Ratio Lower Upper
74 100
45 90.5 55.1 165.5

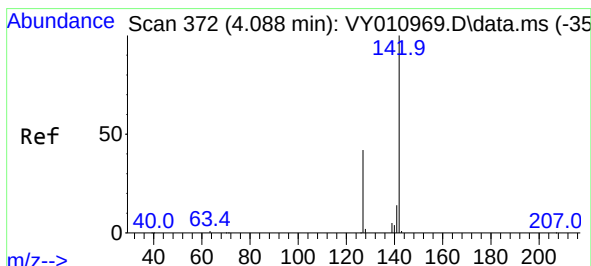
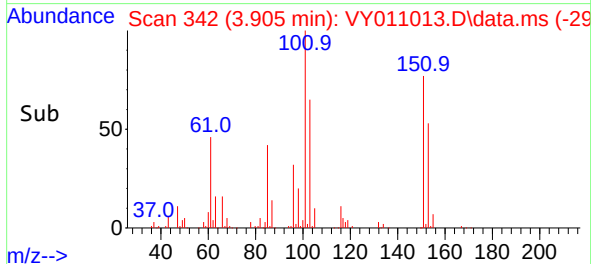
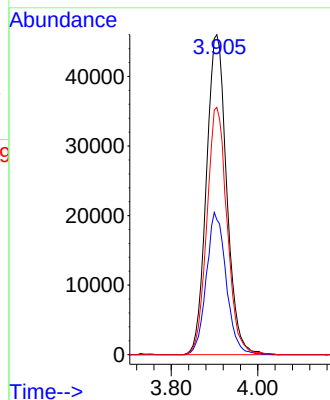
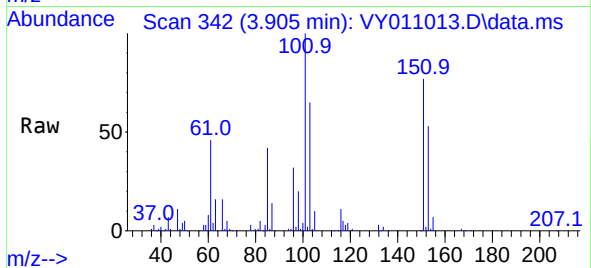




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.492 ug/l
RT: 3.905 min Scan# 34
Delta R.T. 0.012 min
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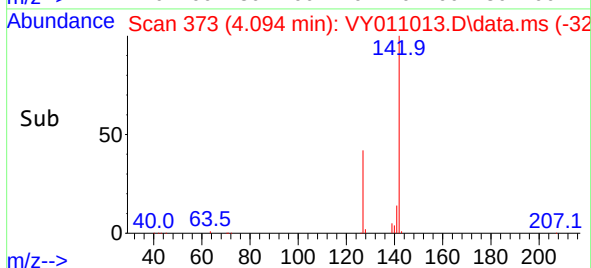
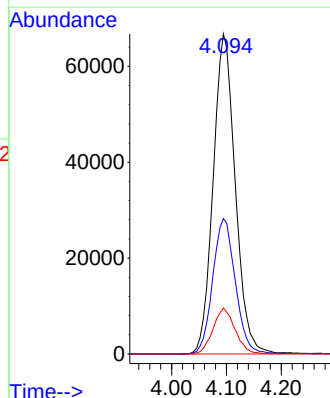
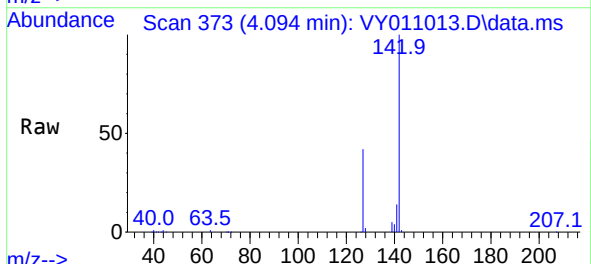
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ClientSampleId :
VSTDCCC050

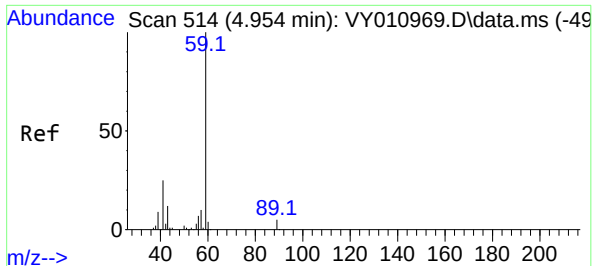
Tgt Ion:101 Resp: 149619
Ion Ratio Lower Upper
101 100
85 43.6 40.6 60.8
151 77.0 64.9 97.3



#10
Methyl Iodide
Concen: 52.554 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion:142 Resp: 186855
Ion Ratio Lower Upper
142 100
127 43.3 41.5 62.3
141 14.3 11.9 17.9

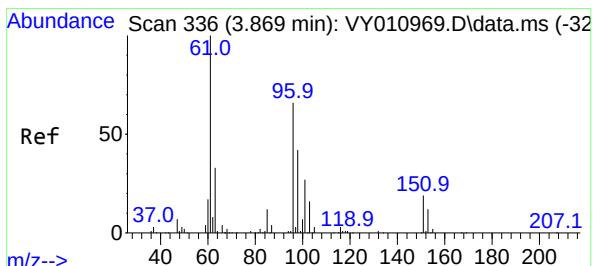
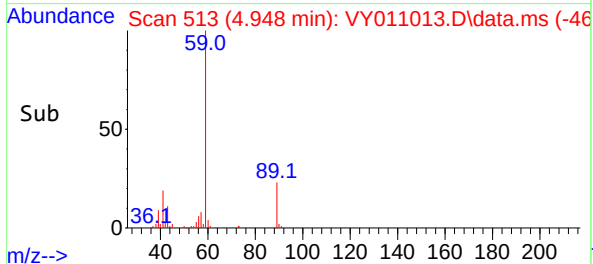
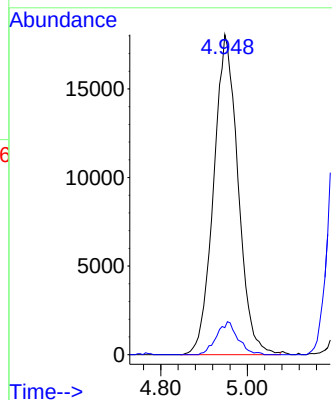
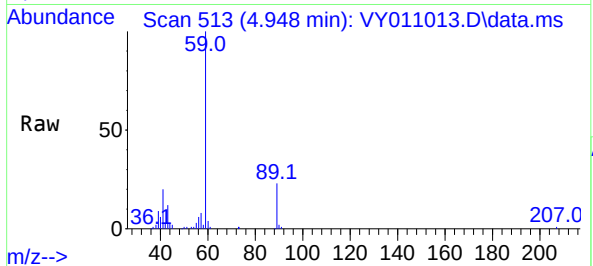




#11
Tert butyl alcohol
Concen: 231.045 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

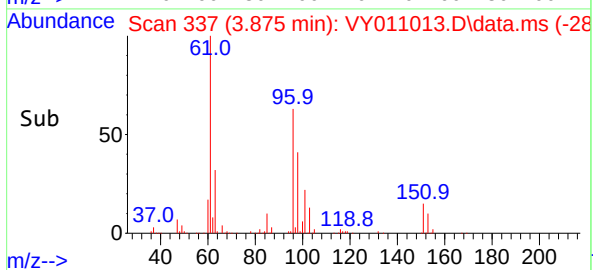
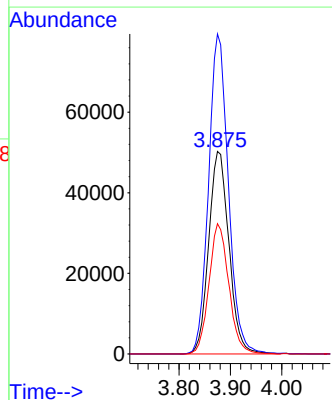
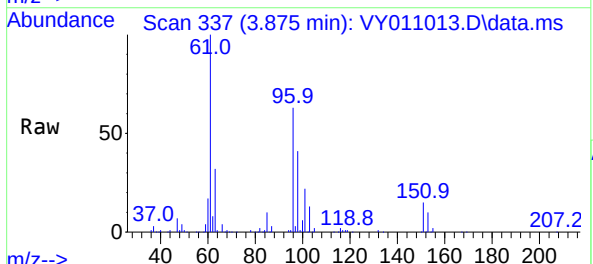
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

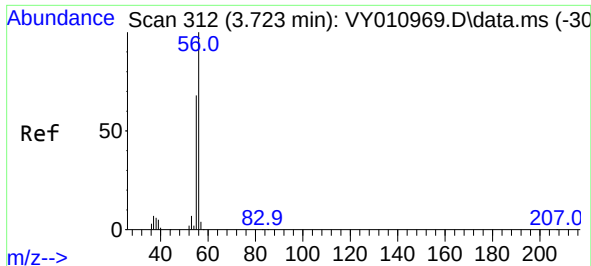
Tgt Ion: 59 Resp: 70802
Ion Ratio Lower Upper
59 100
57 9.0 6.4 9.6



#12
1,1-Dichloroethene
Concen: 49.469 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 96 Resp: 137697
Ion Ratio Lower Upper
96 100
61 158.0 145.8 218.6
98 64.3 52.5 78.7

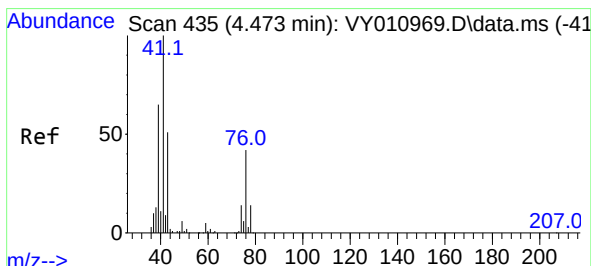
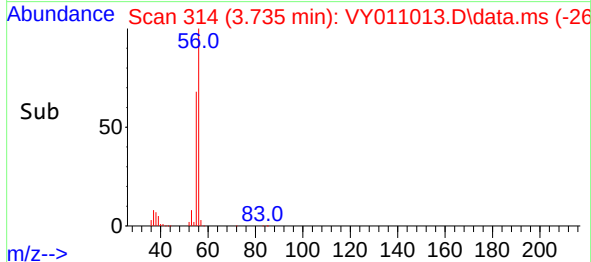
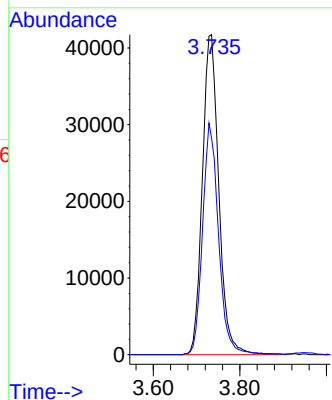
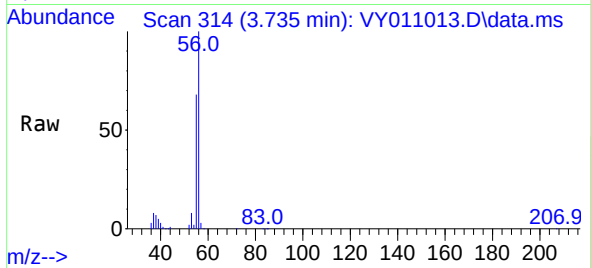




#13
Acrolein
Concen: 252.573 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

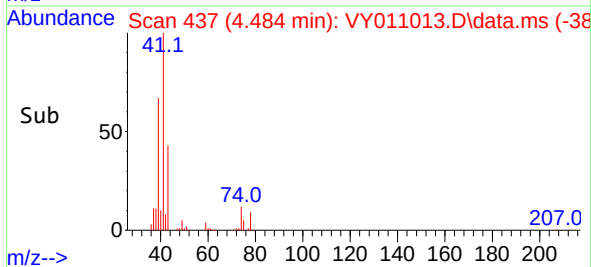
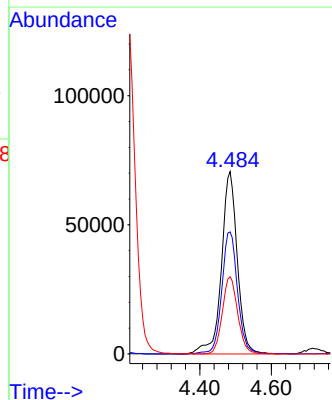
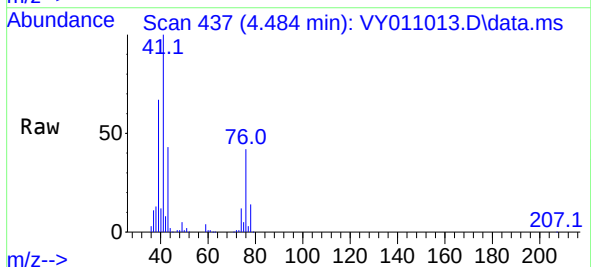
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

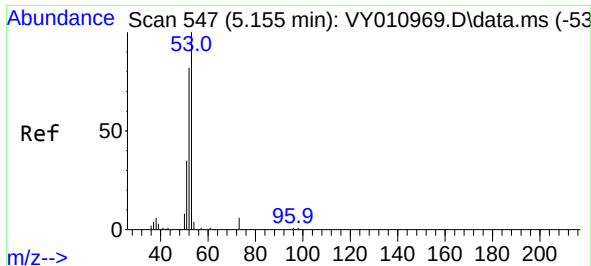
Tgt Ion: 56 Resp: 110055
Ion Ratio Lower Upper
56 100
55 70.2 57.6 86.4



#14
Allyl chloride
Concen: 49.366 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.011 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 41 Resp: 217904
Ion Ratio Lower Upper
41 100
39 66.6 58.8 88.2
76 41.0 25.1 37.7#

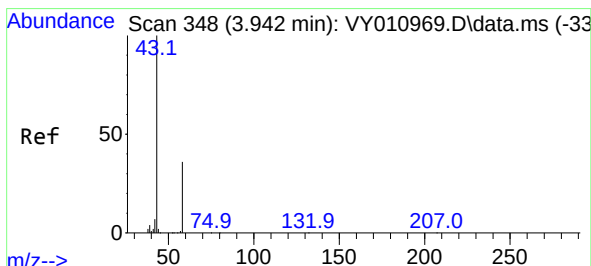
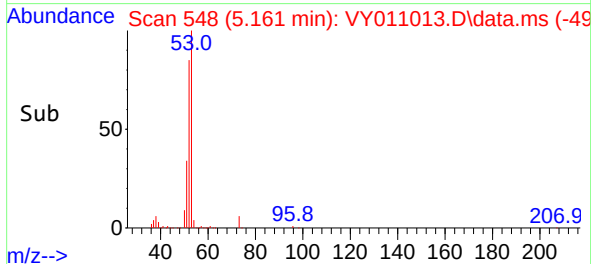
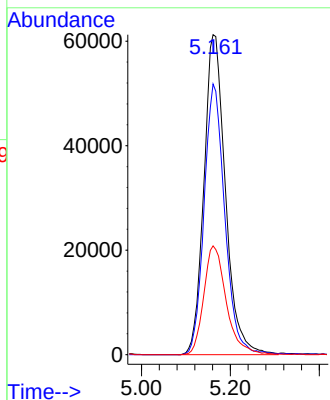
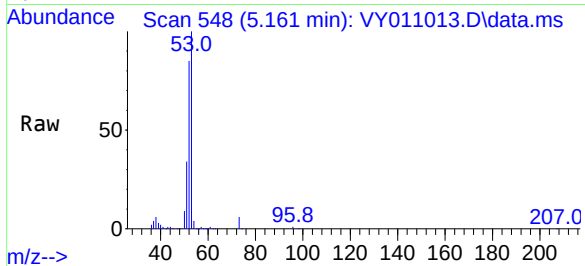




#15
Acrylonitrile
Concen: 229.129 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

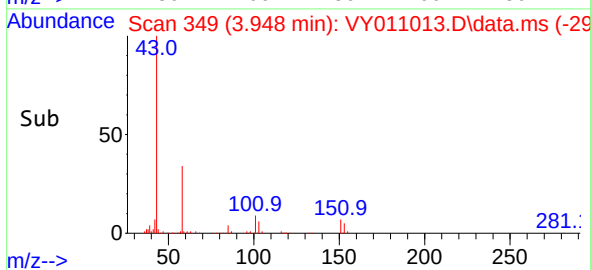
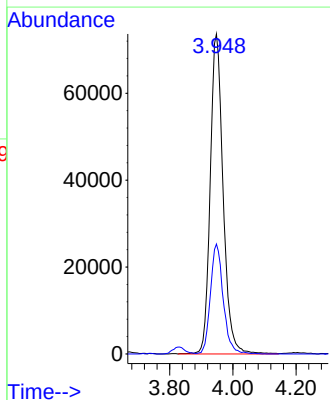
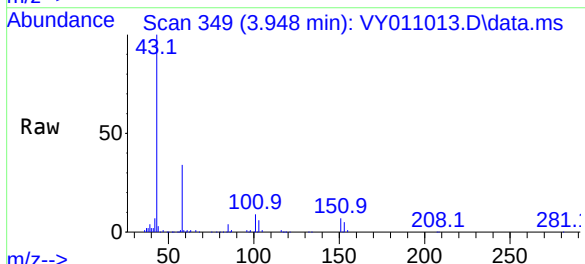
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

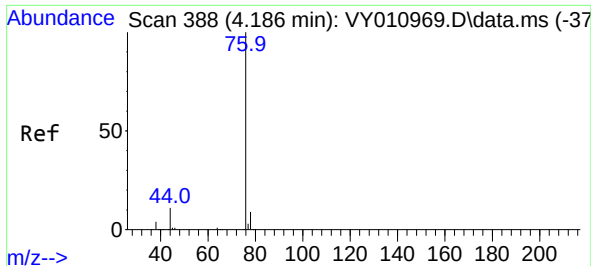
Tgt Ion: 53 Resp: 206463
Ion Ratio Lower Upper
53 100
52 81.6 67.0 100.4
51 35.6 29.8 44.6



#16
Acetone
Concen: 265.850 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 43 Resp: 208668
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#

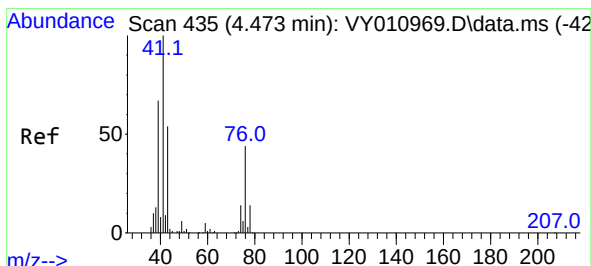
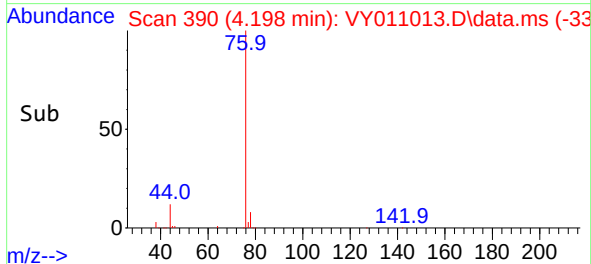
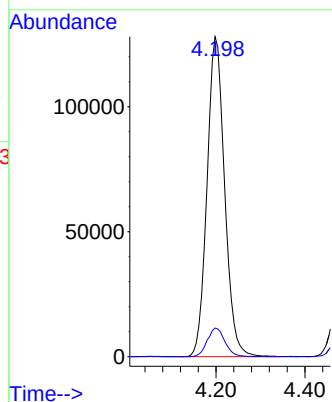
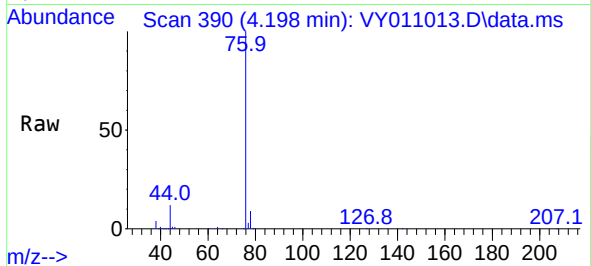




#17
Carbon Disulfide
Concen: 43.270 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

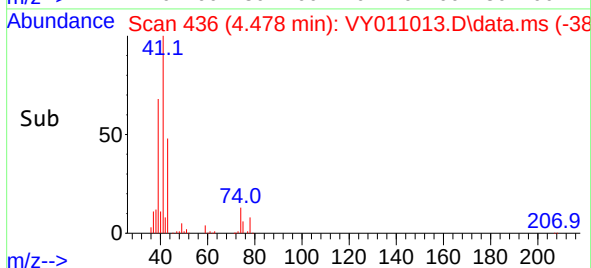
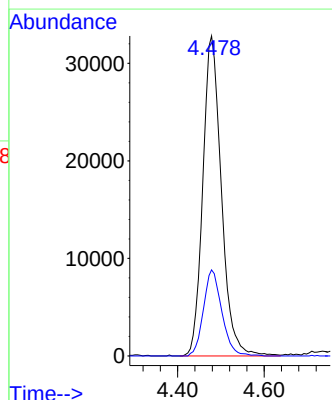
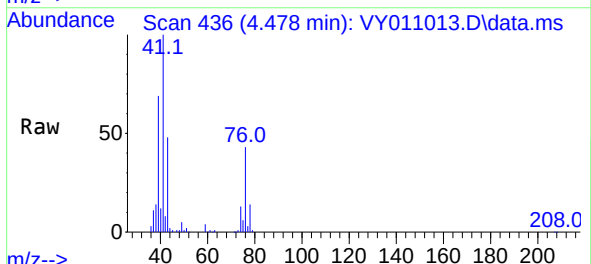
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

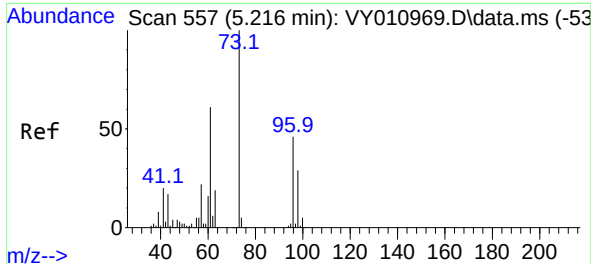
Tgt Ion: 76 Resp: 353091
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 43.938 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 43 Resp: 97773
Ion Ratio Lower Upper
43 100
74 26.6 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 50.614 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

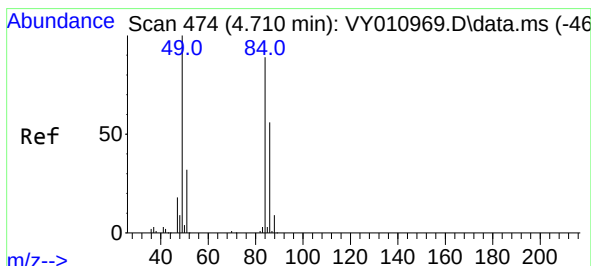
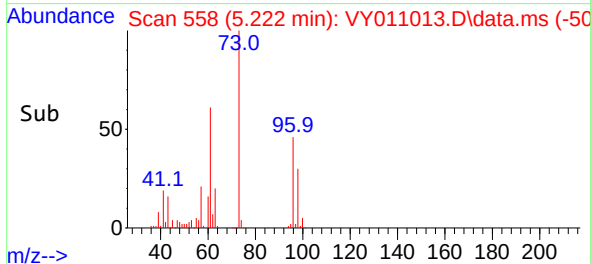
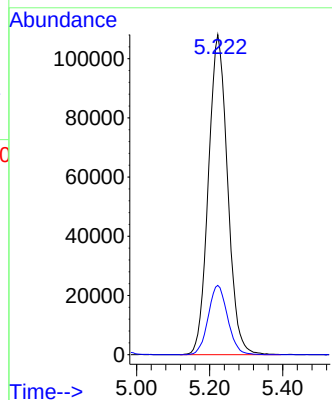
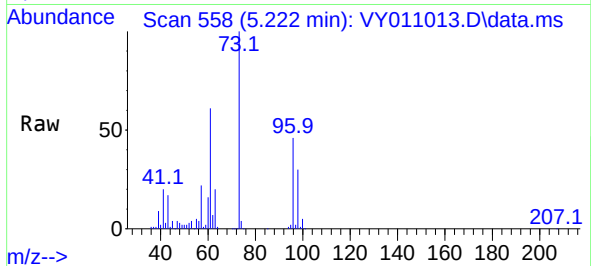
VSTDCCC050

Tgt Ion: 73 Resp: 393629

Ion Ratio Lower Upper

73 100

57 21.7 18.6 27.8



#20

Methylene Chloride

Concen: 51.916 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

Tgt Ion: 84 Resp: 176753

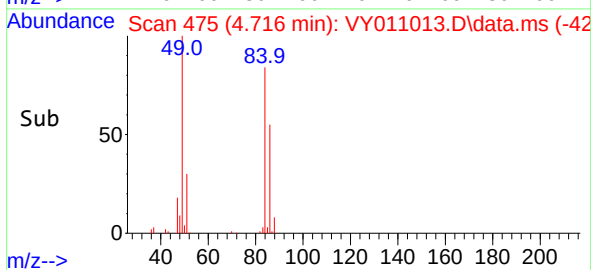
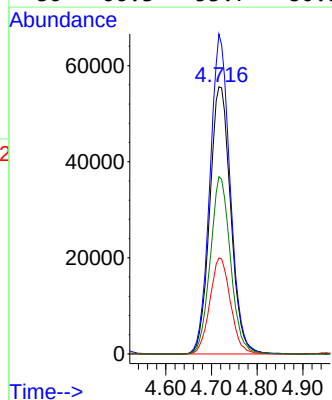
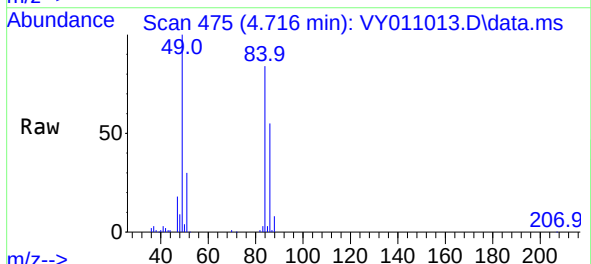
Ion Ratio Lower Upper

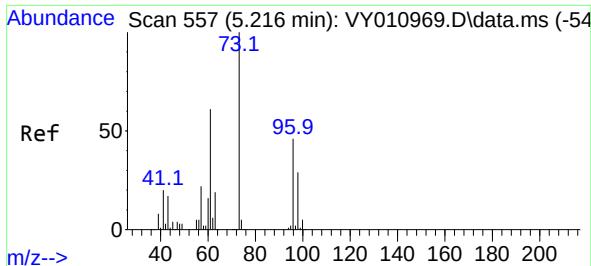
84 100

49 119.7 114.4 171.6

51 35.9 35.3 52.9

86 66.3 53.7 80.5

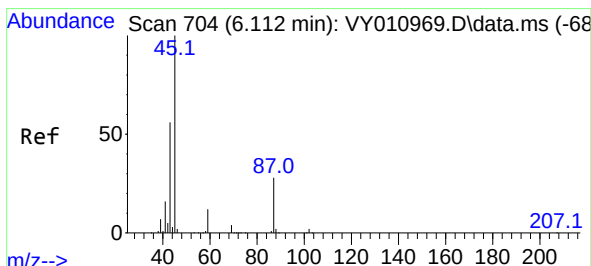
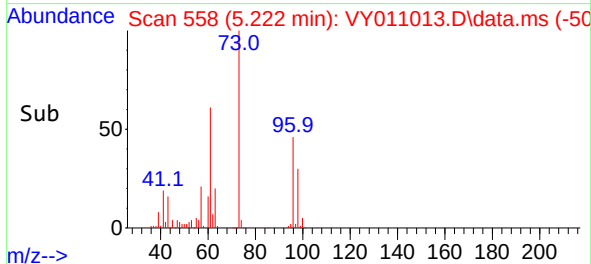
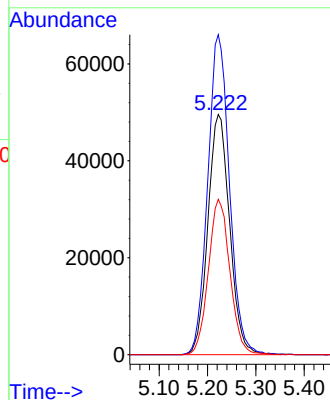
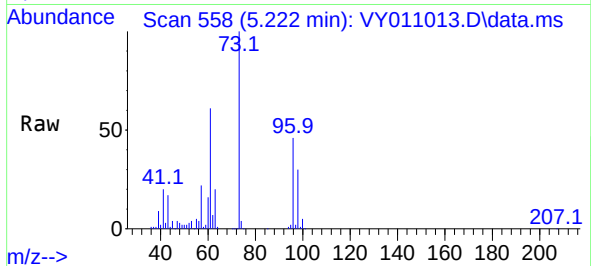




#21
trans-1,2-Dichloroethene
Concen: 49.381 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

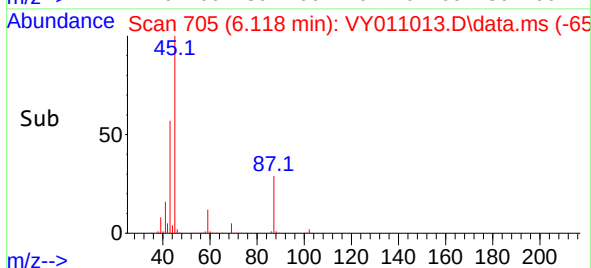
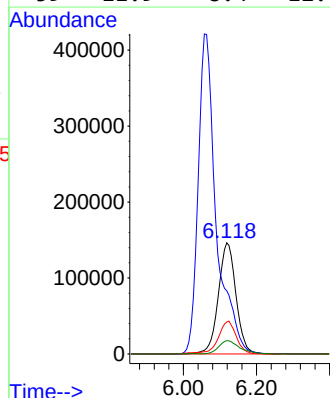
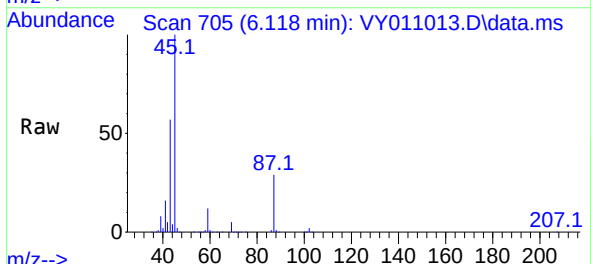
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

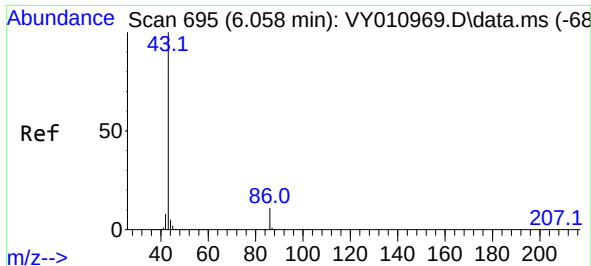
Tgt Ion: 96 Resp: 155172
Ion Ratio Lower Upper
96 100
61 133.2 120.5 180.7
98 64.7 49.8 74.8



#22
Diisopropyl ether
Concen: 51.944 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 45 Resp: 491053
Ion Ratio Lower Upper
45 100
43 56.7 49.3 73.9
87 28.8 19.2 28.8#
59 11.9 8.4 12.6

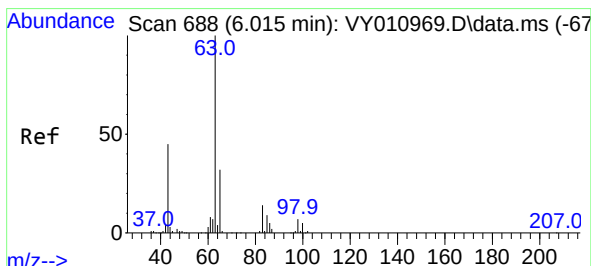
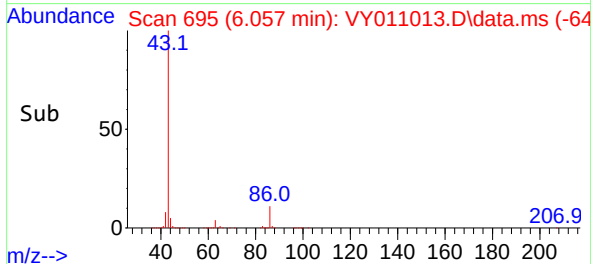
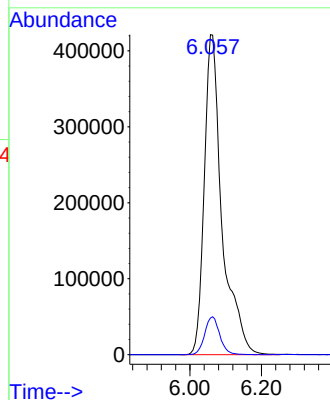
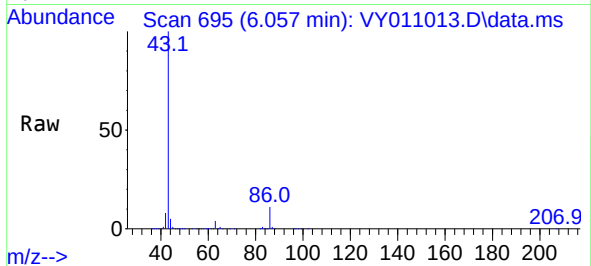




#23
 Vinyl Acetate
 Concen: 256.963 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY011013.D
 Acq: 20 Oct 2022 09:59

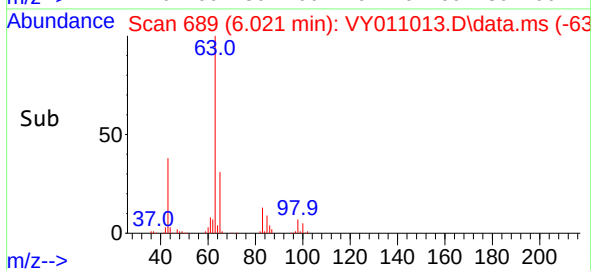
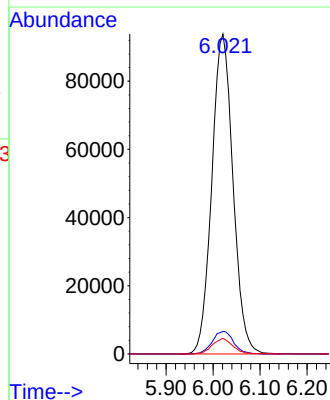
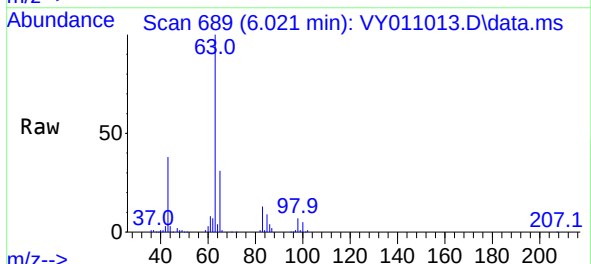
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

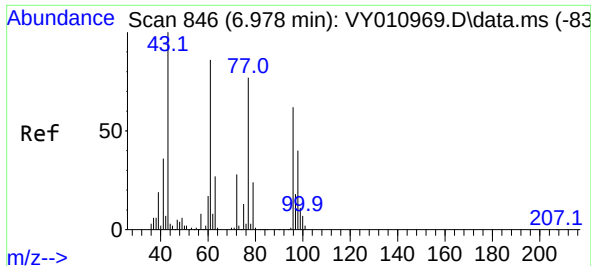
Tgt Ion: 43 Resp: 1452639
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.448 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY011013.D
 Acq: 20 Oct 2022 09:59

Tgt Ion: 63 Resp: 293652
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.9 2.0 5.8

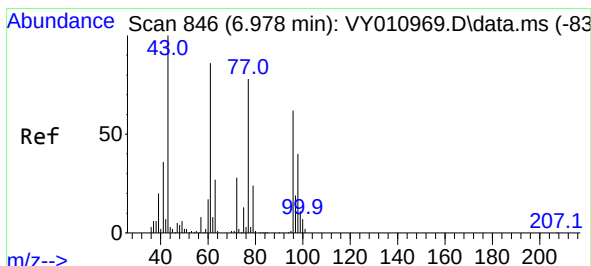
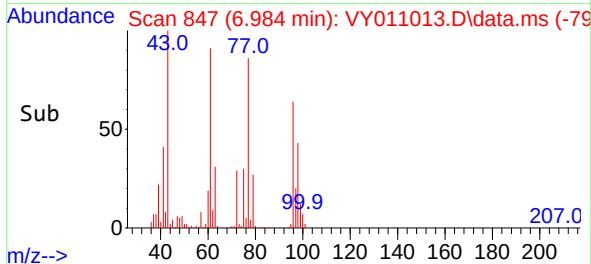
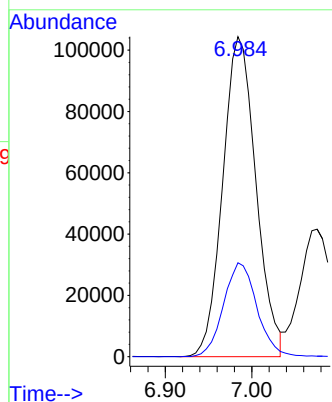
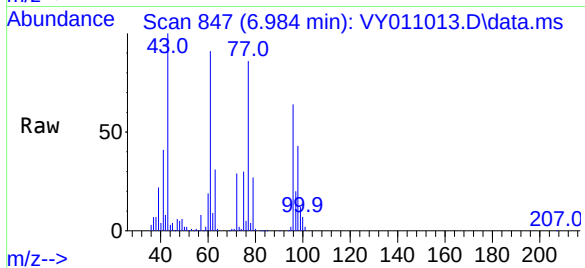




#25
2-Butanone
Concen: 233.847 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

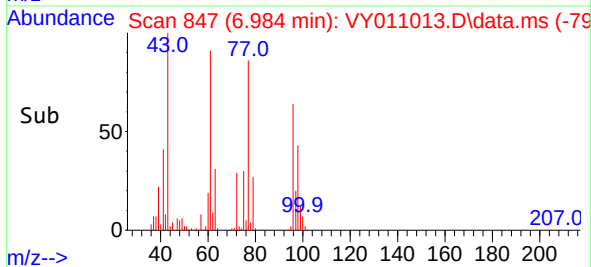
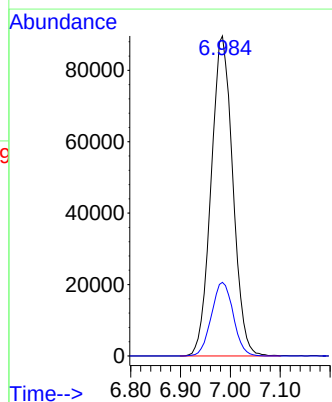
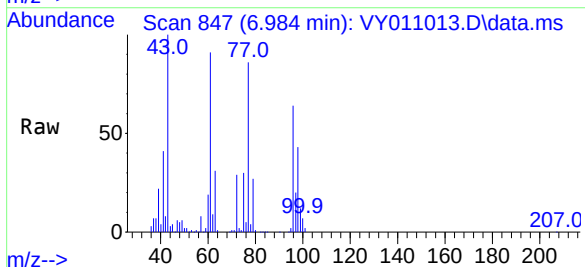
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

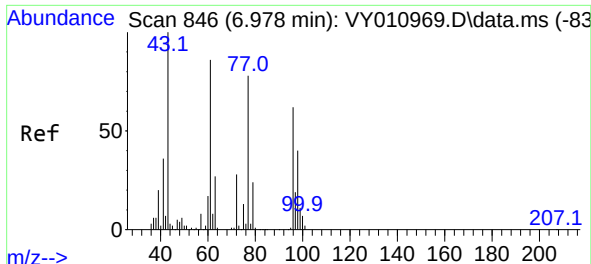
Tgt Ion: 43 Resp: 278355
Ion Ratio Lower Upper
43 100
72 29.3 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 53.419 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 77 Resp: 270756
Ion Ratio Lower Upper
77 100
97 23.1 10.4 31.4

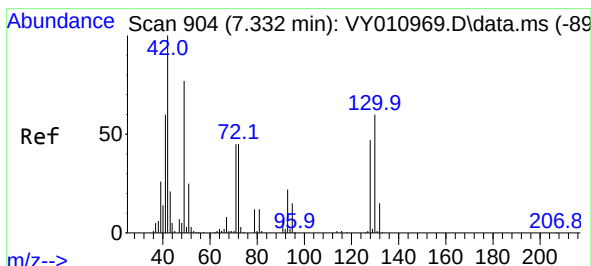
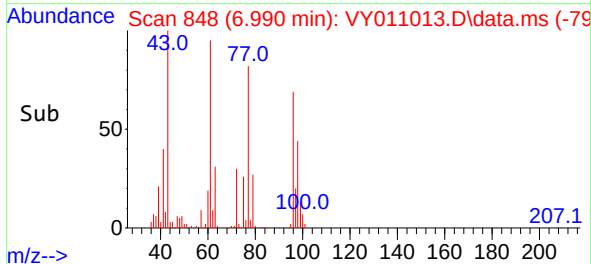
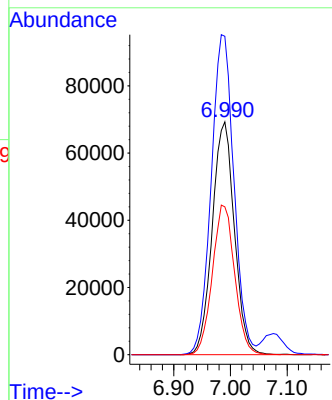
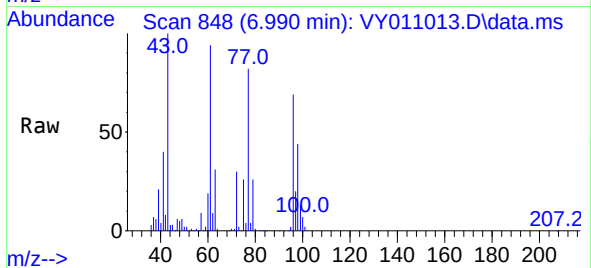




#27
cis-1,2-Dichloroethene
Concen: 51.828 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

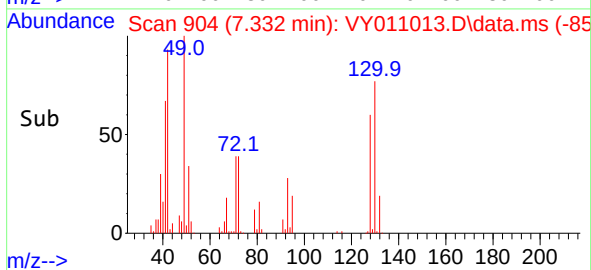
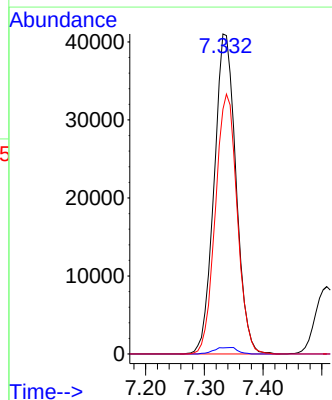
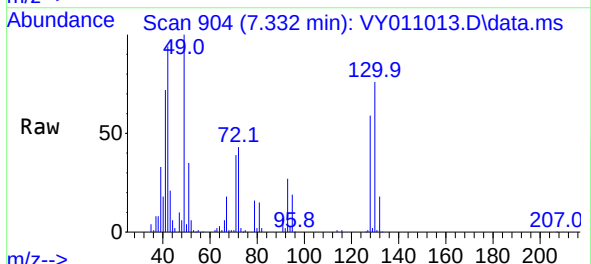
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

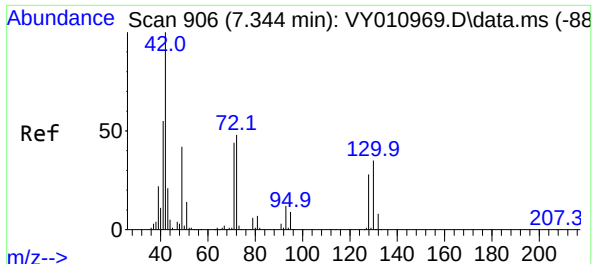
Tgt Ion: 96 Resp: 187699
Ion Ratio Lower Upper
96 100
61 141.2 0.0 319.8
98 64.7 0.0 127.0



#28
Bromochloromethane
Concen: 52.187 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 49 Resp: 105887
Ion Ratio Lower Upper
49 100
129 2.2 0.0 2.2
130 81.1 55.4 83.0





#29

Tetrahydrofuran

Concen: 221.283 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

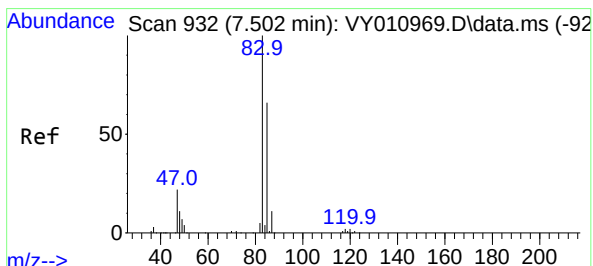
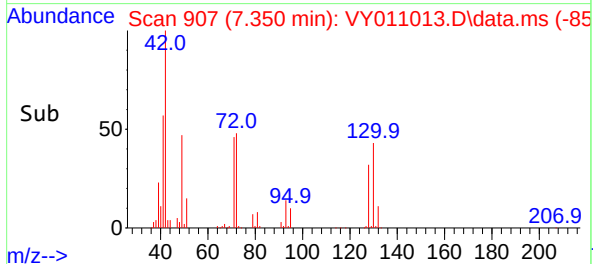
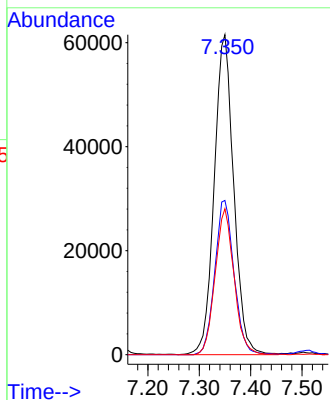
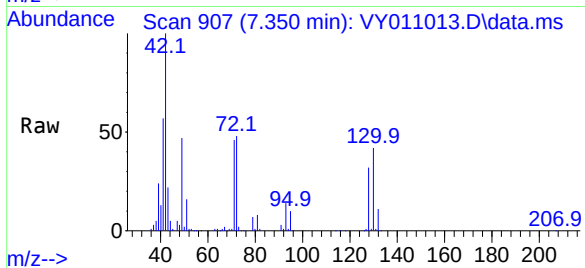
Tgt Ion: 42 Resp: 162056

Ion Ratio Lower Upper

42 100

72 47.6 30.3 45.5#

71 44.1 29.0 43.4#



#30

Chloroform

Concen: 52.477 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY011013.D

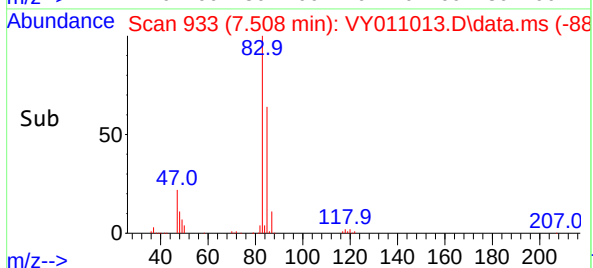
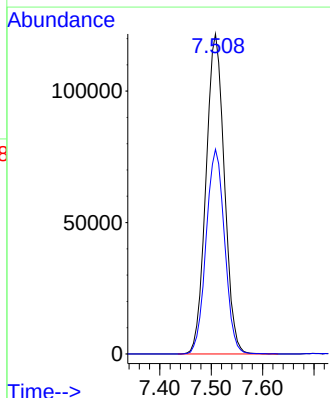
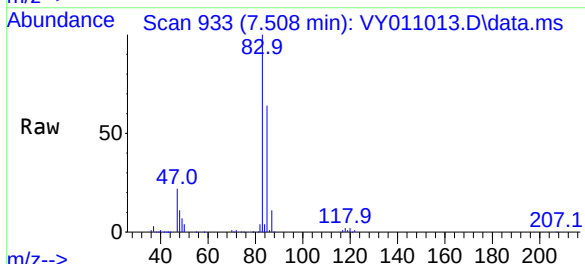
Acq: 20 Oct 2022 09:59

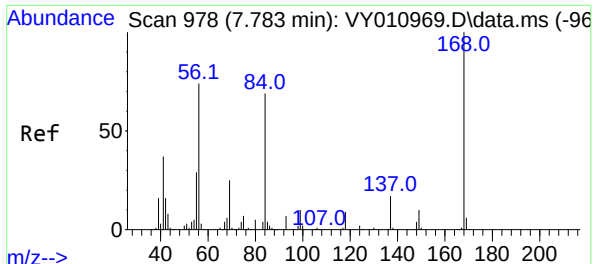
Tgt Ion: 83 Resp: 301936

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6

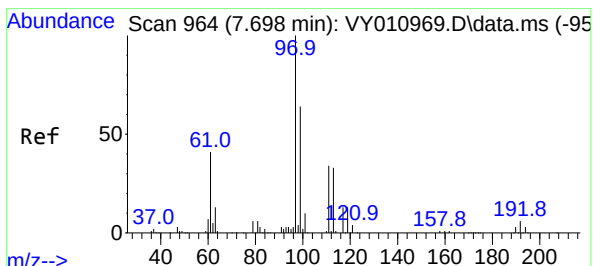
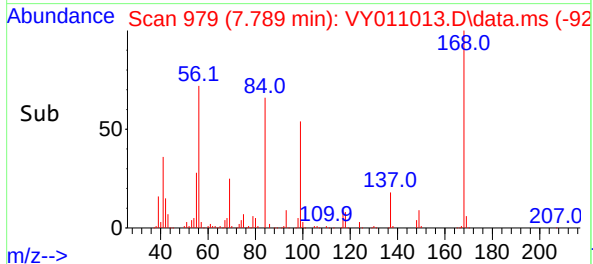
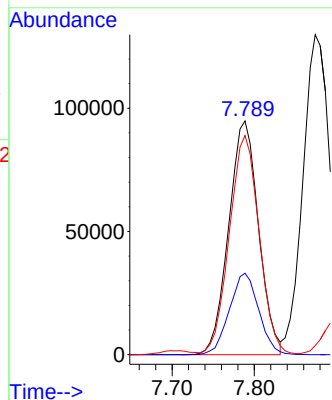
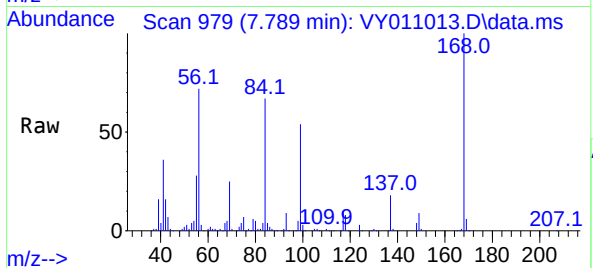




#31
Cyclohexane
Concen: 46.352 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

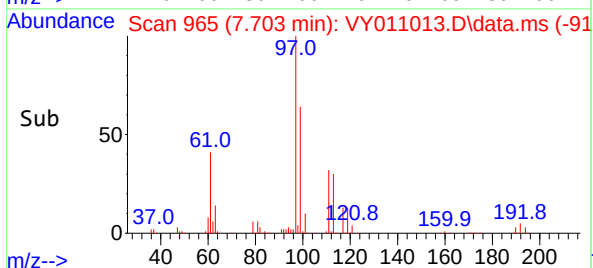
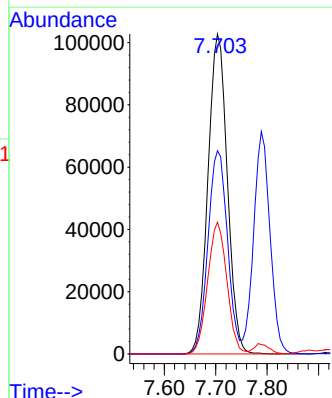
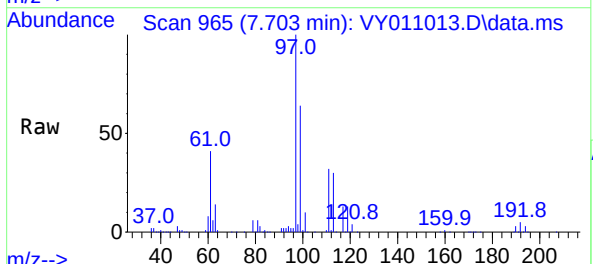
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

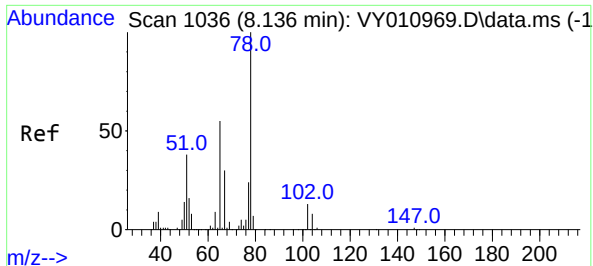
Tgt Ion: 56 Resp: 239741
Ion Ratio Lower Upper
56 100
69 34.9 26.7 40.1
84 92.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 52.985 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.005 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 97 Resp: 267973
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 40.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 42.423 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

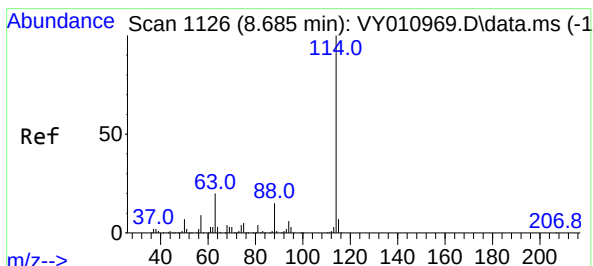
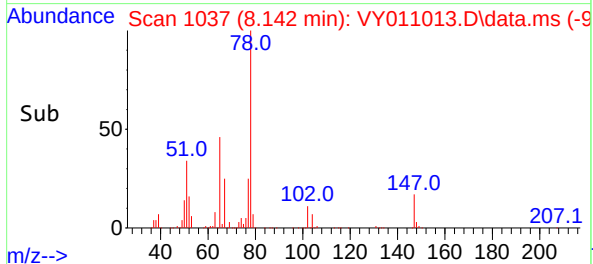
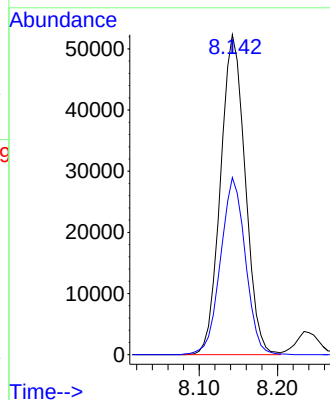
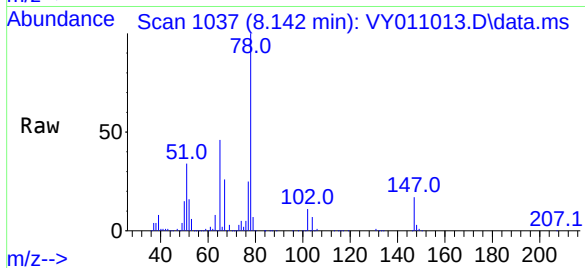
VSTDCCC050

Tgt Ion: 65 Resp: 114663

Ion Ratio Lower Upper

65 100

67 55.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

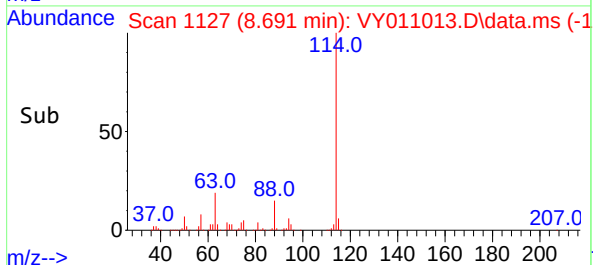
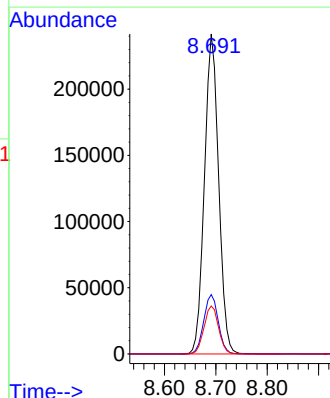
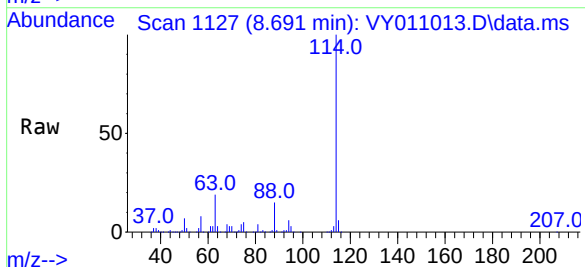
Tgt Ion: 114 Resp: 462538

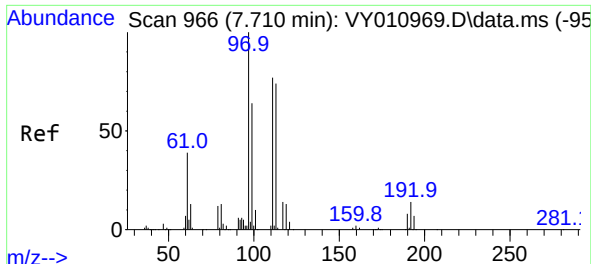
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.443 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

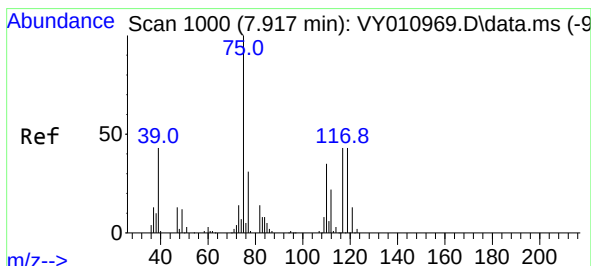
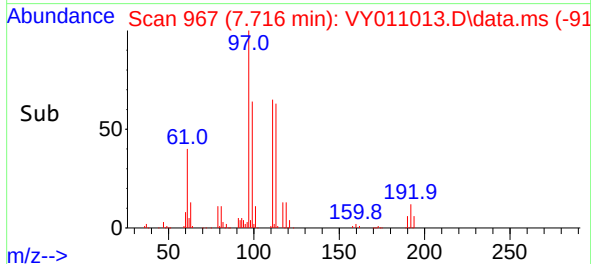
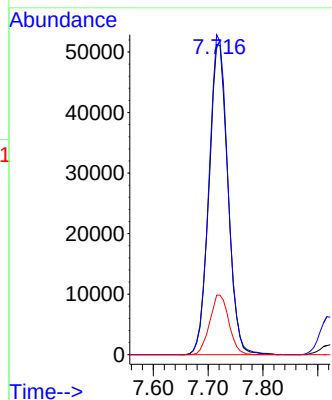
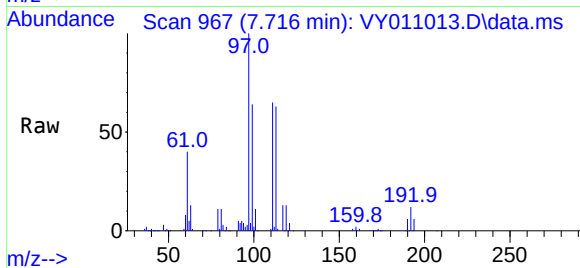
Tgt Ion:113 Resp: 122608

Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 19.4 17.6 26.4



#36

1,1-Dichloropropene

Concen: 51.414 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

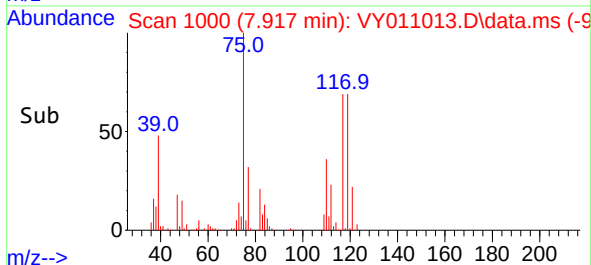
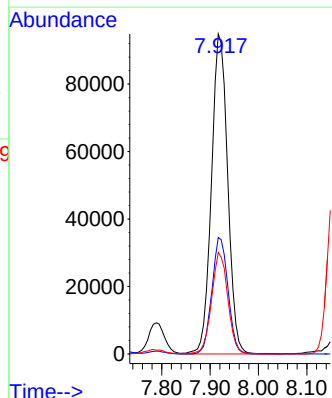
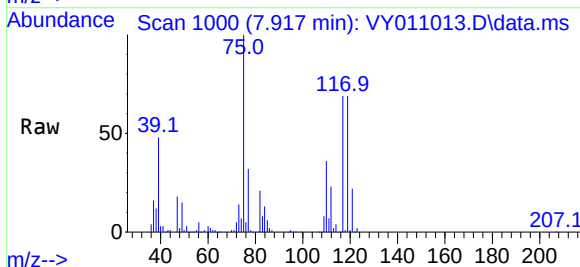
Tgt Ion: 75 Resp: 221378

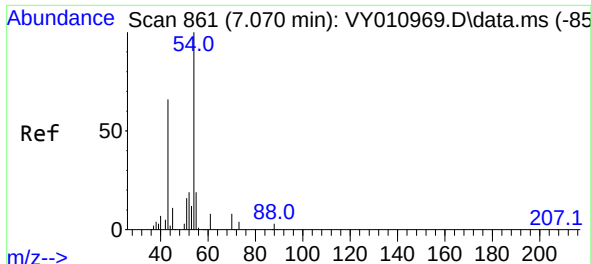
Ion Ratio Lower Upper

75 100

110 36.0 17.1 51.2

77 31.6 24.4 36.6

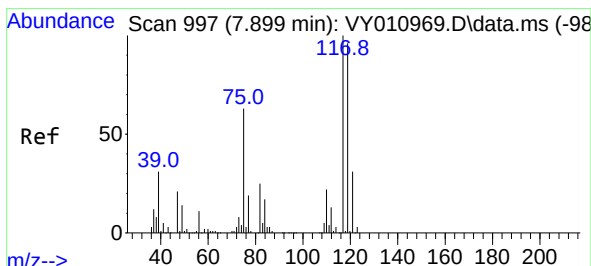
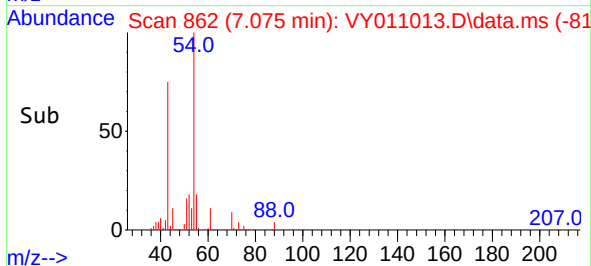
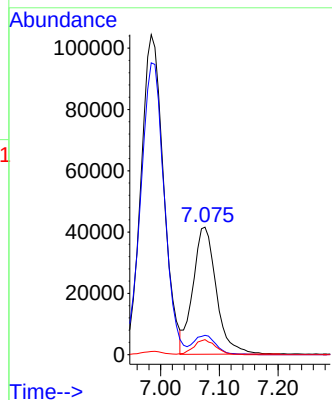
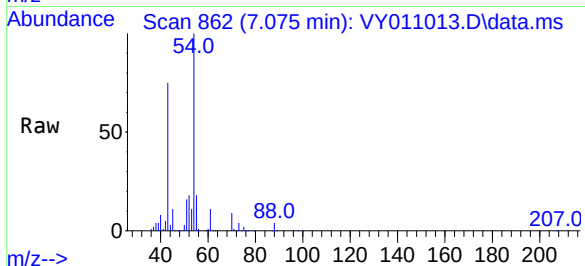




#37
Ethyl Acetate
Concen: 47.977 ug/l
RT: 7.075 min Scan# 861
Delta R.T. 0.005 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

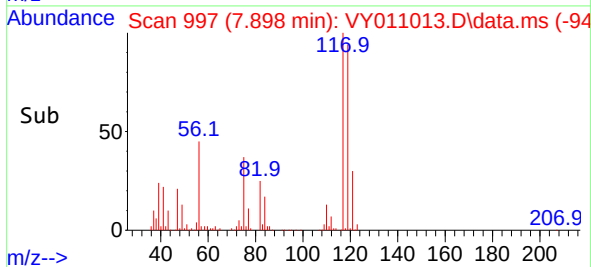
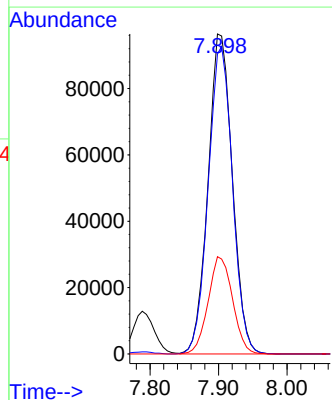
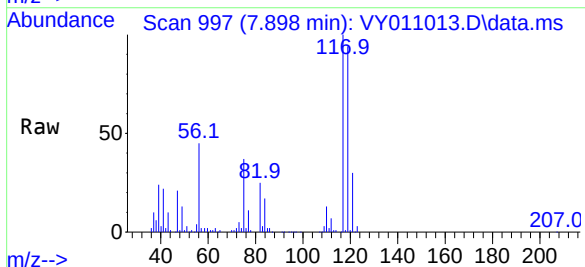
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

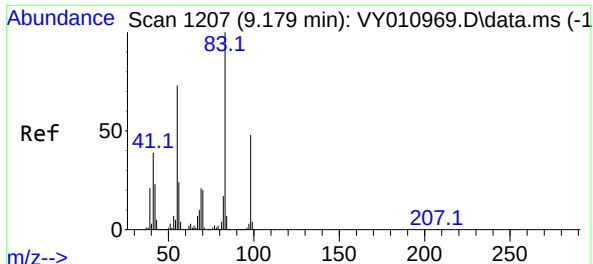
Tgt Ion: 43 Resp: 114371
Ion Ratio Lower Upper
43 100
61 14.7 9.7 14.5#
70 11.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 53.534 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.001 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 117 Resp: 237943
Ion Ratio Lower Upper
117 100
119 93.8 77.9 116.9
121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 51.240 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

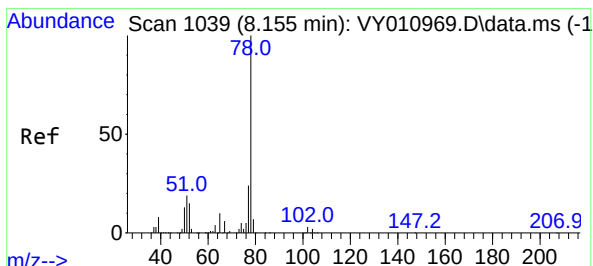
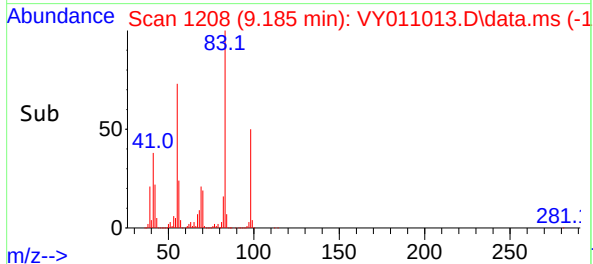
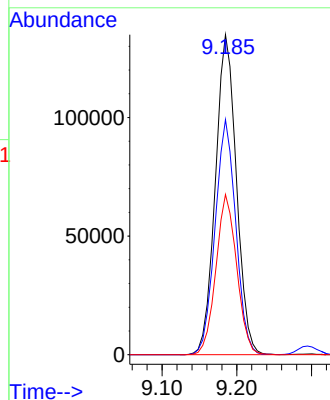
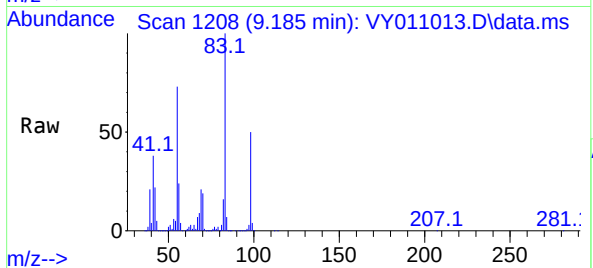
Tgt Ion: 83 Resp: 264257

Ion Ratio Lower Upper

83 100

55 73.5 66.5 99.7

98 50.0 37.9 56.9



#40

Benzene

Concen: 51.595 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY011013.D

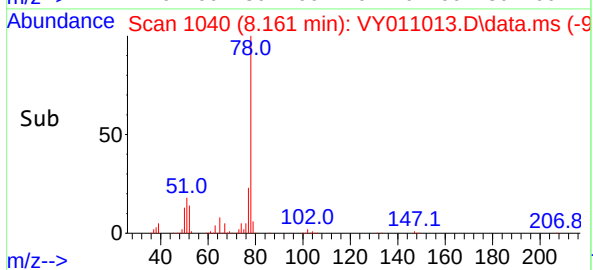
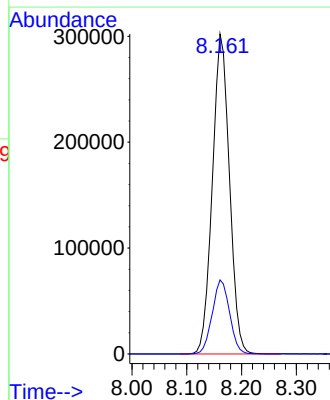
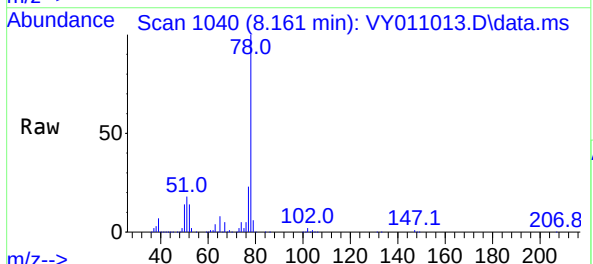
Acq: 20 Oct 2022 09:59

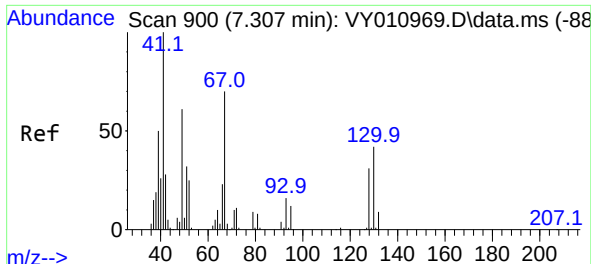
Tgt Ion: 78 Resp: 651844

Ion Ratio Lower Upper

78 100

77 23.1 20.4 30.6

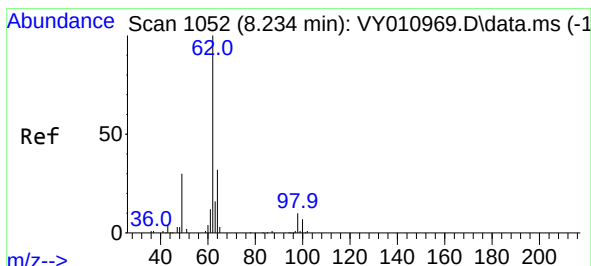
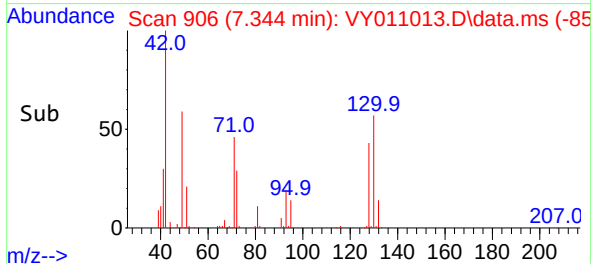
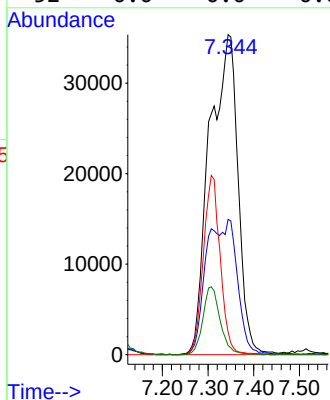
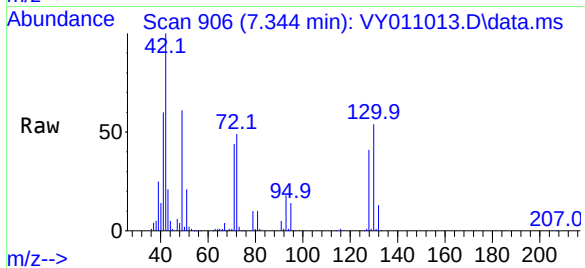




#41
Methacrylonitrile
Concen: 117.975 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.037 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

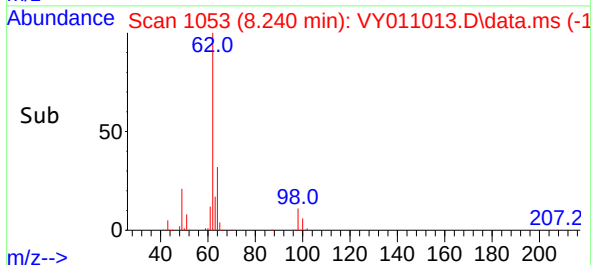
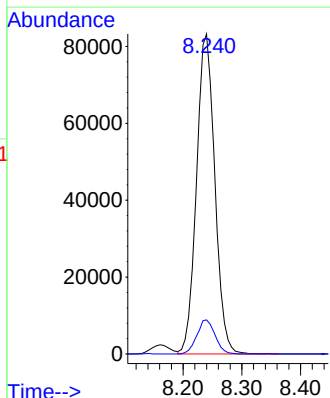
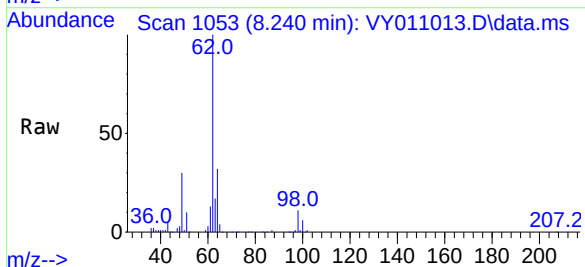
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

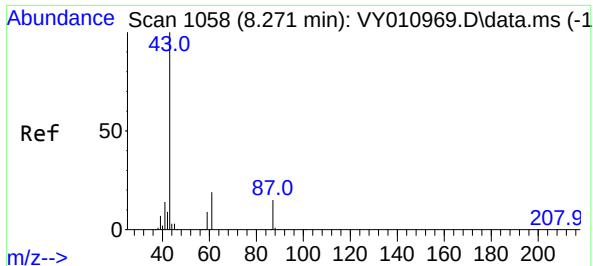
Tgt Ion: 41 Resp: 152406
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.510 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 62 Resp: 180317
Ion Ratio Lower Upper
62 100
98 10.6 0.0 14.8





#43

Isopropyl Acetate

Concen: 48.874 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.001 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

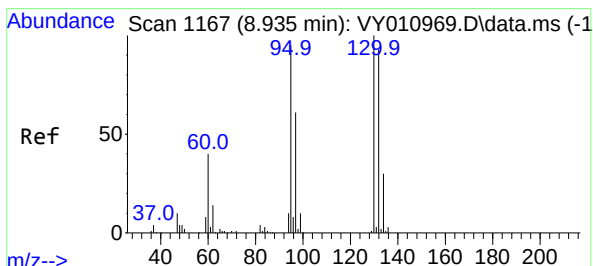
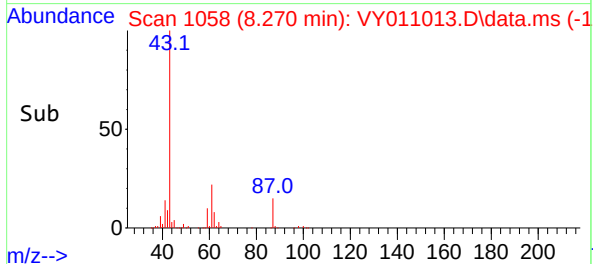
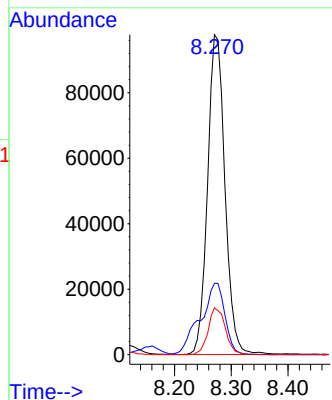
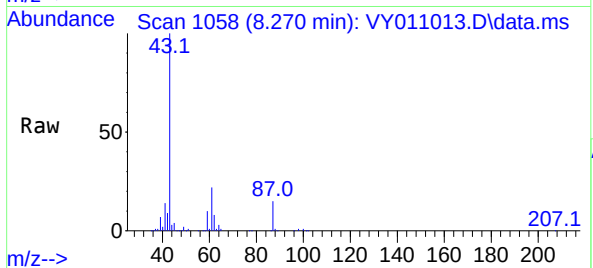
Tgt Ion: 43 Resp: 208169

Ion Ratio Lower Upper

43 100

61 31.7 20.2 30.2#

87 14.6 8.9 13.3#



#44

Trichloroethene

Concen: 51.793 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY011013.D

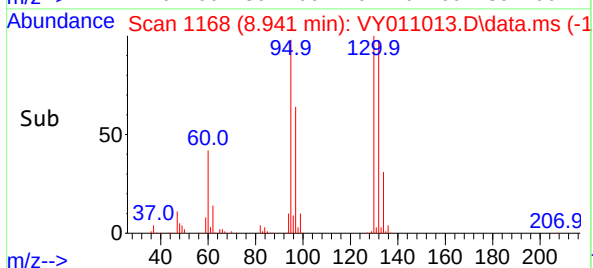
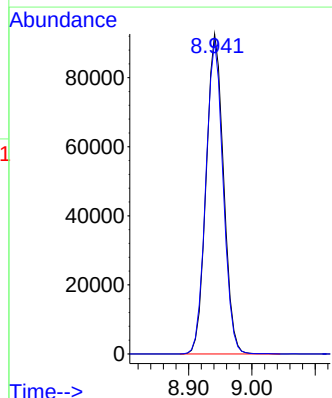
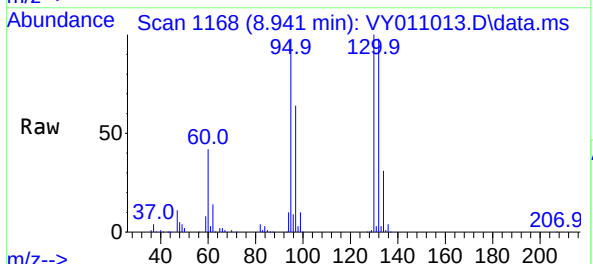
Acq: 20 Oct 2022 09:59

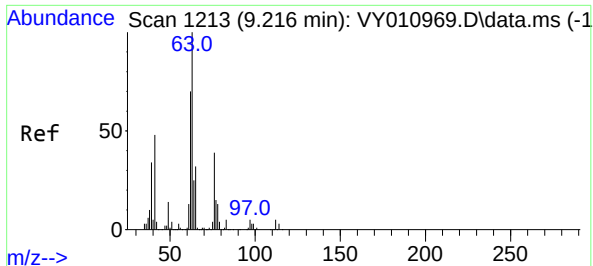
Tgt Ion:130 Resp: 177321

Ion Ratio Lower Upper

130 100

95 97.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.232 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

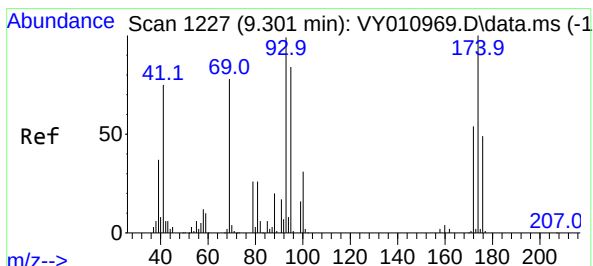
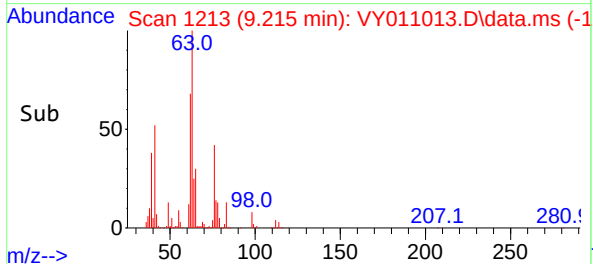
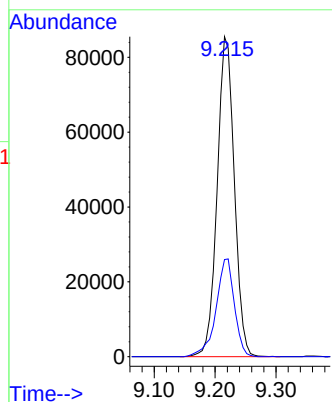
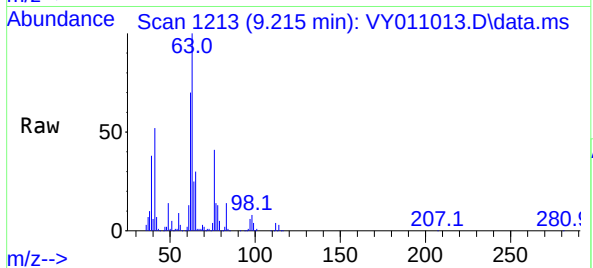
VSTDCCC050

Tgt Ion: 63 Resp: 167429

Ion Ratio Lower Upper

63 100

65 30.4 23.0 34.6



#46

Dibromomethane

Concen: 50.840 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

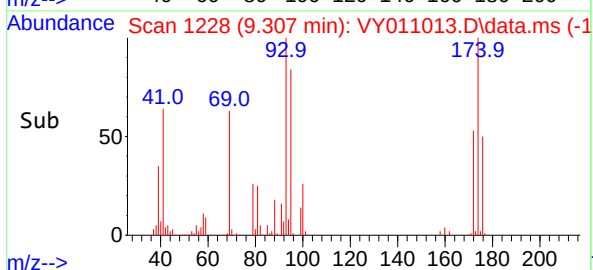
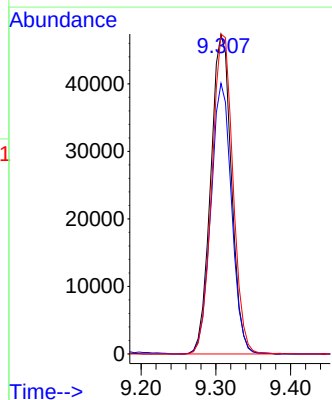
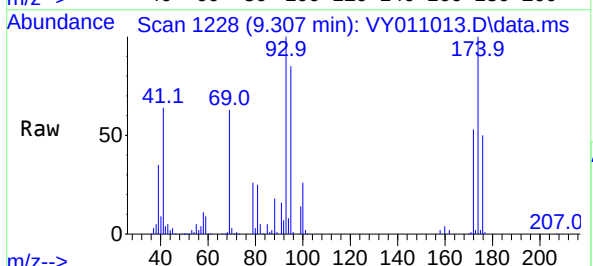
Tgt Ion: 93 Resp: 90893

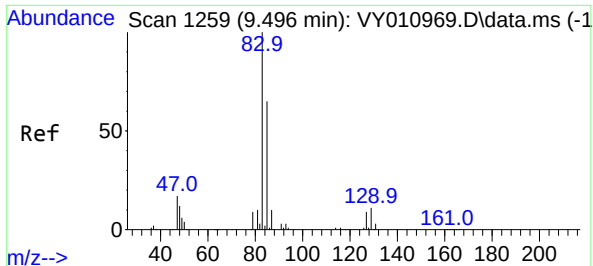
Ion Ratio Lower Upper

93 100

95 84.6 64.3 96.5

174 101.5 83.4 125.0

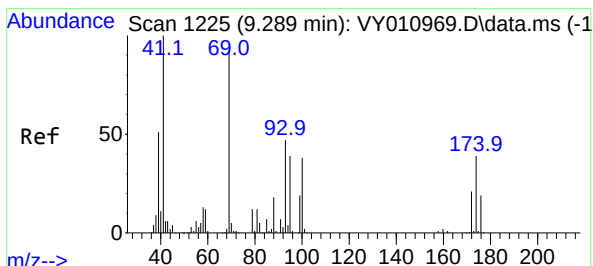
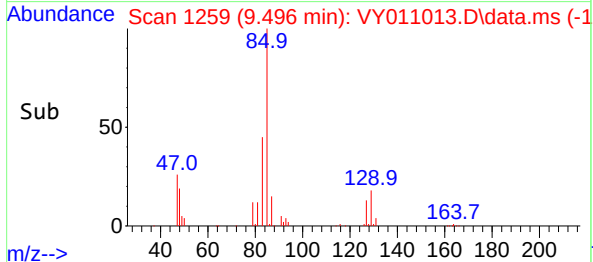
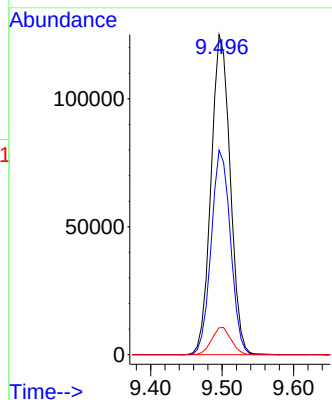
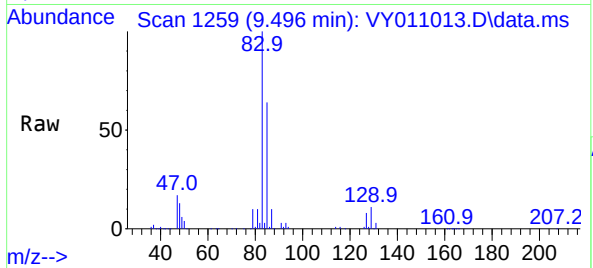




#47
Bromodichloromethane
Concen: 54.004 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

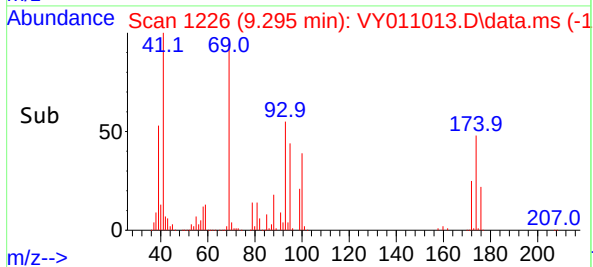
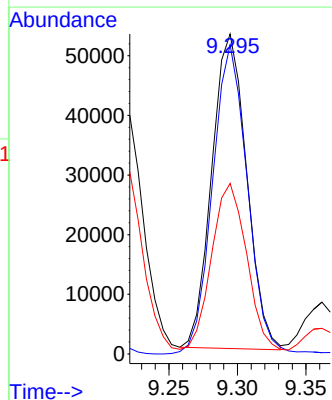
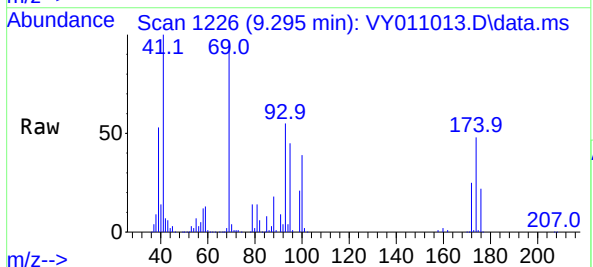
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

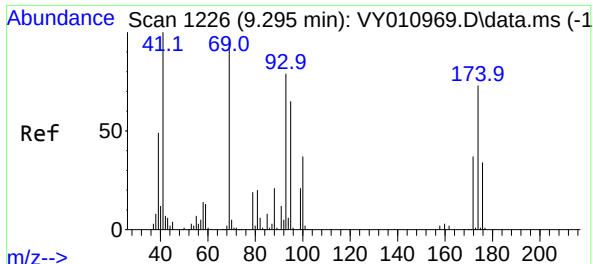
Tgt Ion: 83 Resp: 232670
Ion Ratio Lower Upper
83 100
85 63.9 51.9 77.9
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 48.884 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 41 Resp: 93182
Ion Ratio Lower Upper
41 100
69 98.6 58.2 87.2#
39 56.0 47.4 71.0

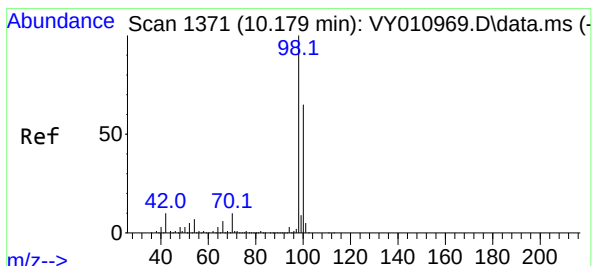
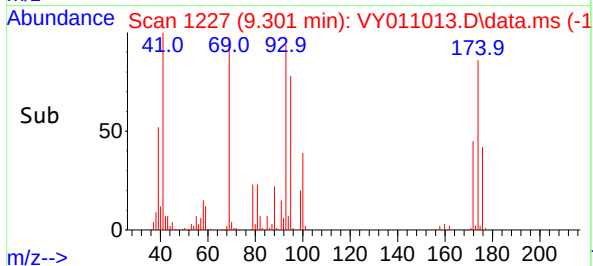
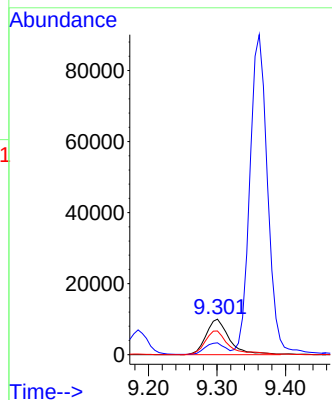
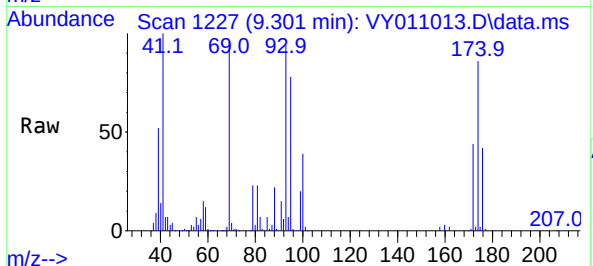




#49
1,4-Dioxane
Concen: 916.519 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

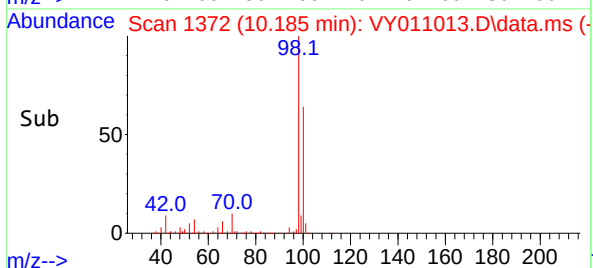
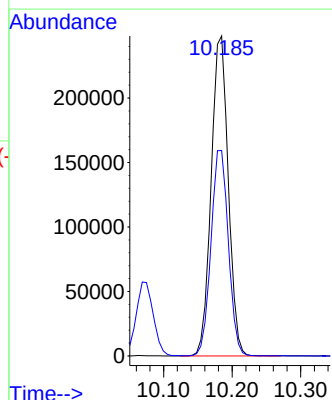
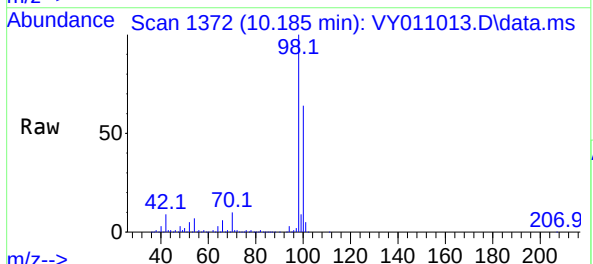
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

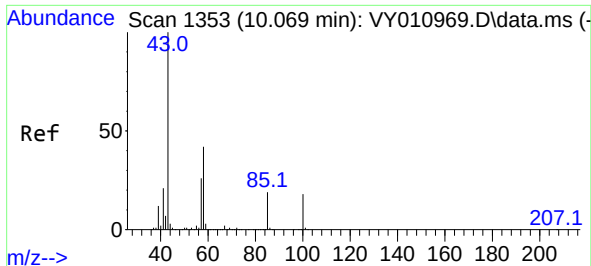
Tgt Ion: 88 Resp: 23543
Ion Ratio Lower Upper
88 100
43 27.6 32.8 49.2#
58 69.2 59.8 89.6



#50
Toluene-d8
Concen: 44.576 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 98 Resp: 430510
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

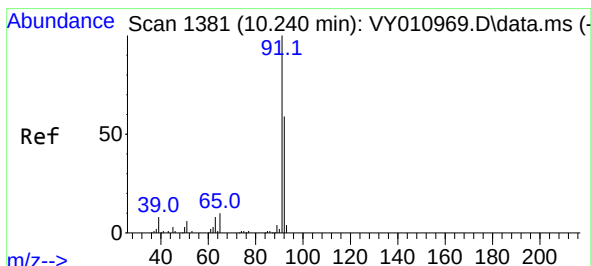
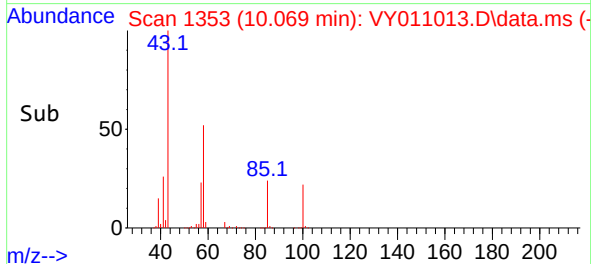
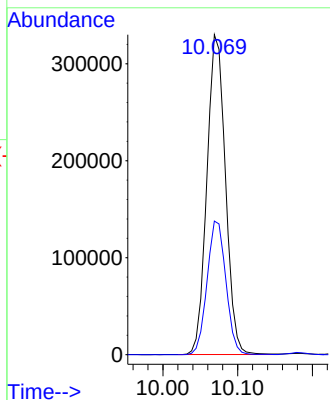
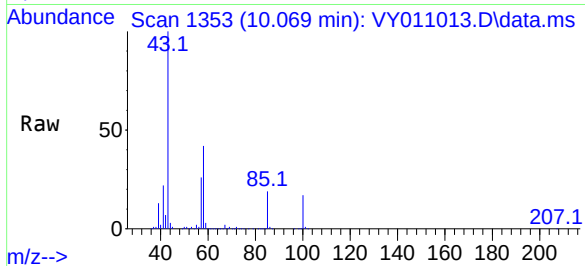




#51
4-Methyl-2-Pentanone
Concen: 239.897 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

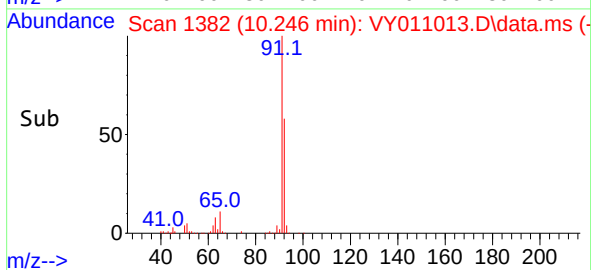
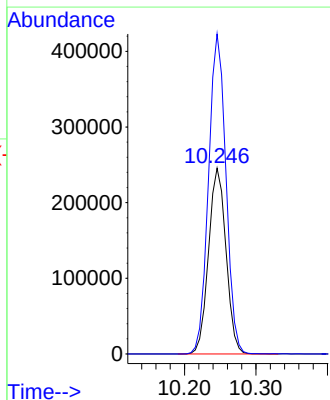
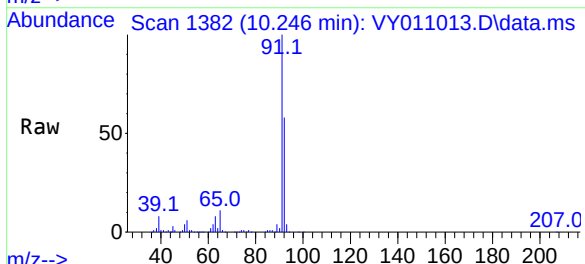
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

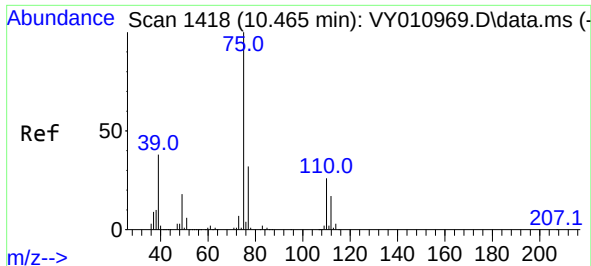
Tgt Ion: 43 Resp: 569843
Ion Ratio Lower Upper
43 100
58 42.3 28.1 42.1#



#52
Toluene
Concen: 52.987 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 92 Resp: 415875
Ion Ratio Lower Upper
92 100
91 171.9 142.6 213.8

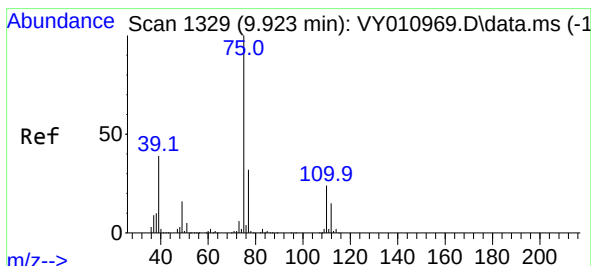
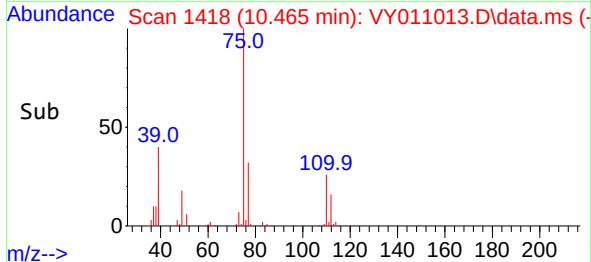
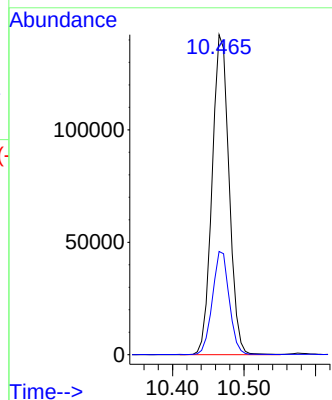
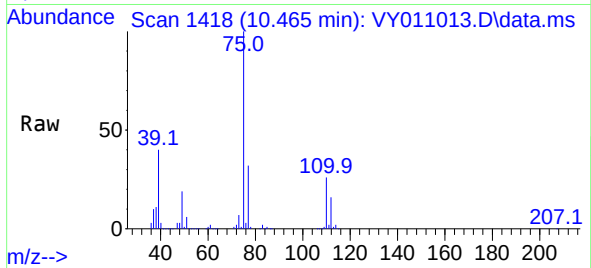




#53
t-1,3-Dichloropropene
Concen: 52.363 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

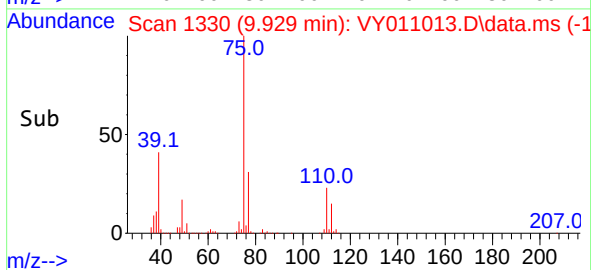
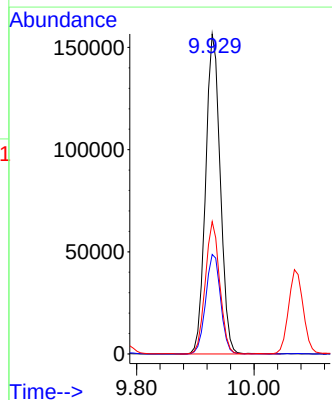
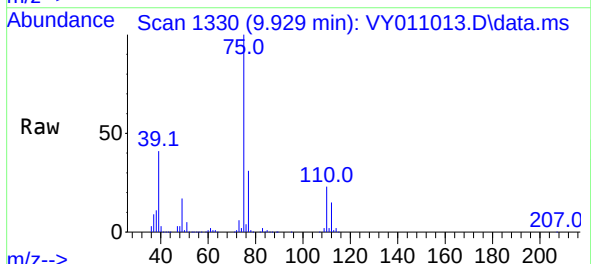
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

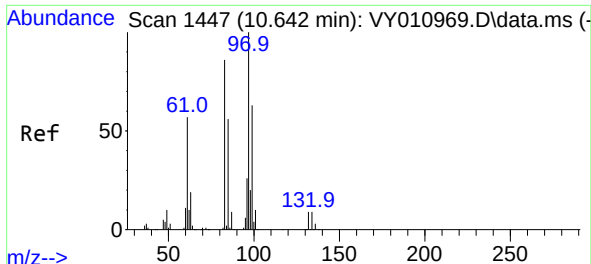
Tgt Ion: 75 Resp: 234365
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.933 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 75 Resp: 271117
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 41.4 47.6 71.4#



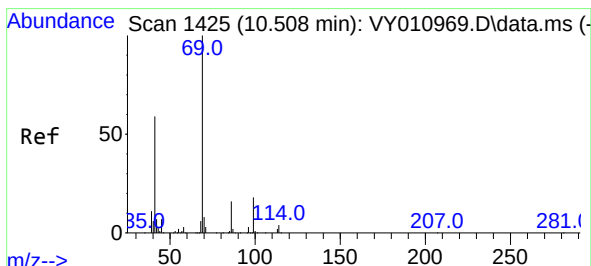
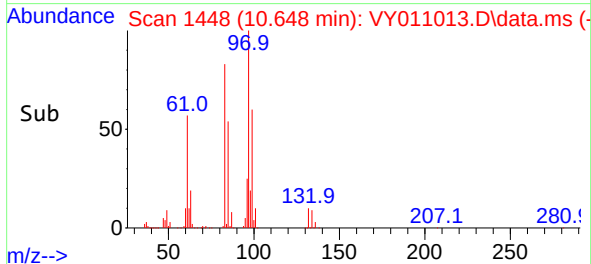
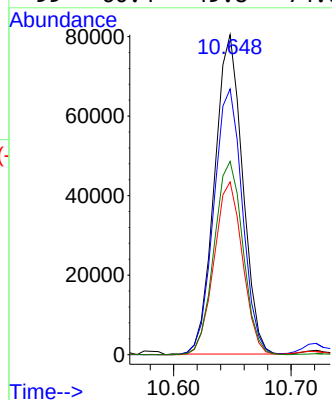
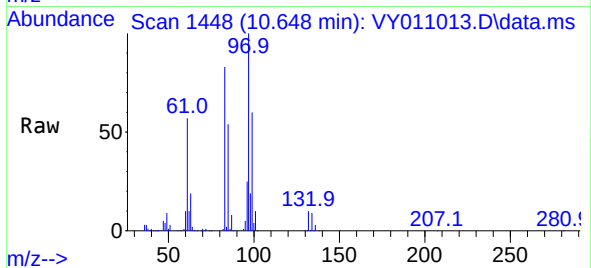


#55
1,1,2-Trichloroethane
Concen: 51.601 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 133089

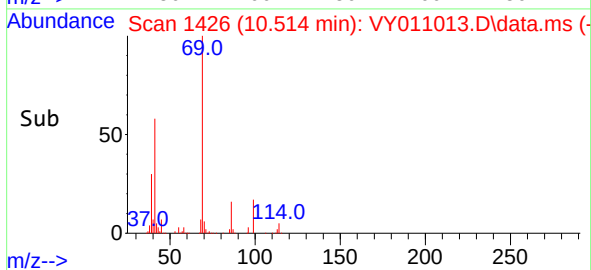
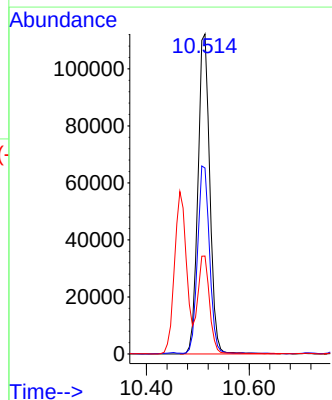
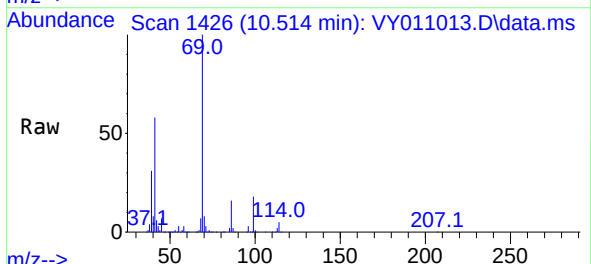
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.8	104.8
85	54.1	44.3	66.5
99	60.4	49.8	74.6

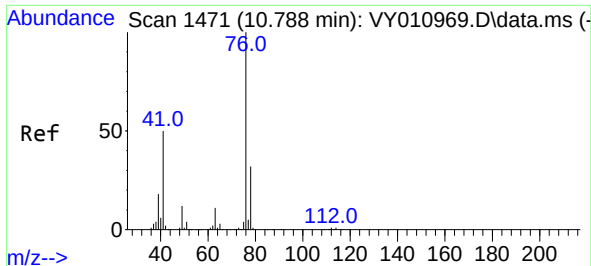


#56
Ethyl methacrylate
Concen: 52.554 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 69 Resp: 180027

Ion	Ratio	Lower	Upper
69	100		
41	58.7	63.4	95.0#
39	30.0	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 51.165 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

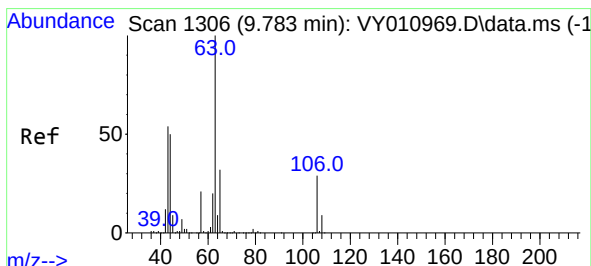
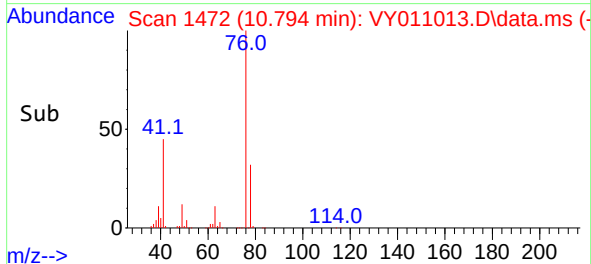
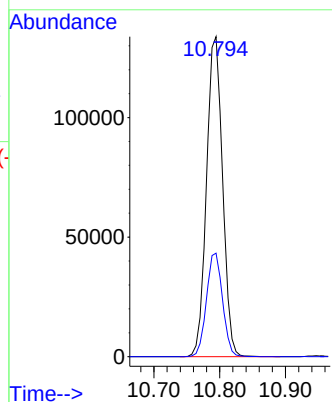
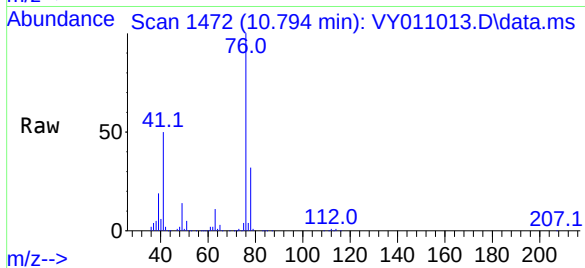
VSTDCCC050

Tgt Ion: 76 Resp: 226892

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 246.204 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY011013.D

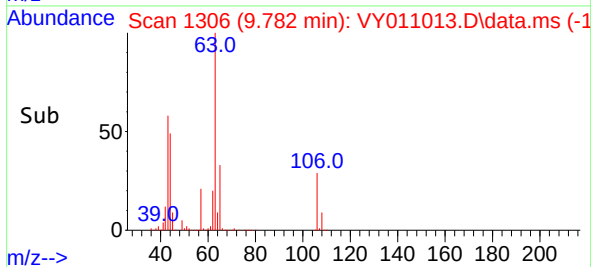
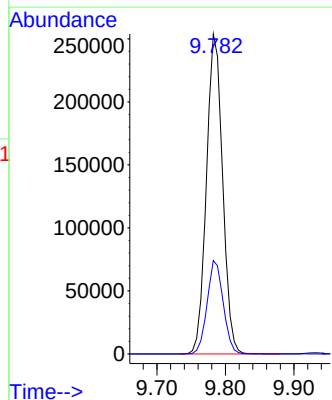
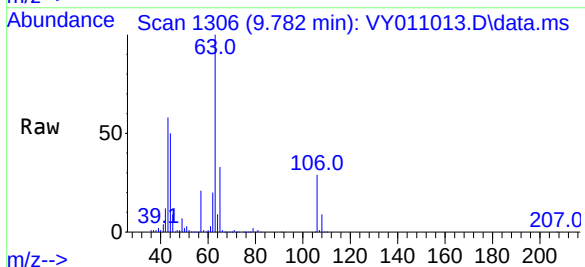
Acq: 20 Oct 2022 09:59

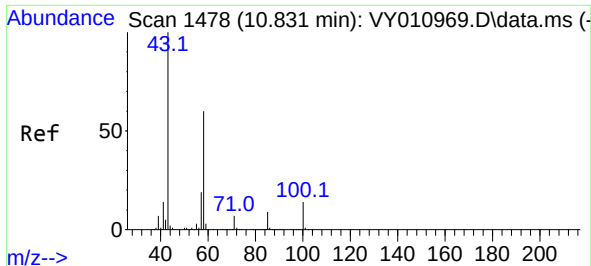
Tgt Ion: 63 Resp: 416820

Ion Ratio Lower Upper

63 100

106 29.0 21.5 32.3

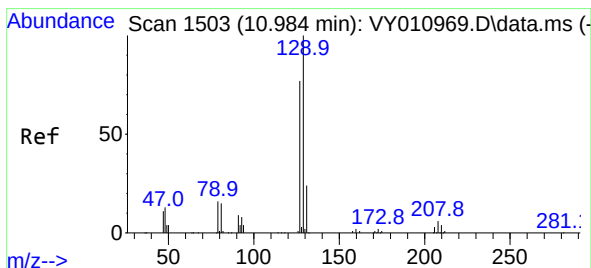
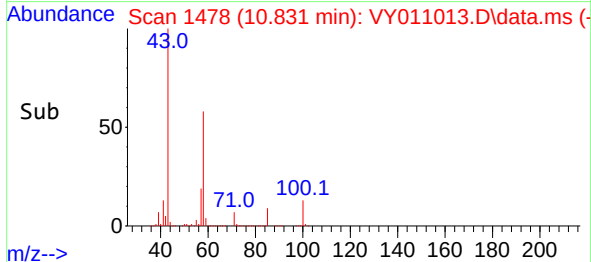
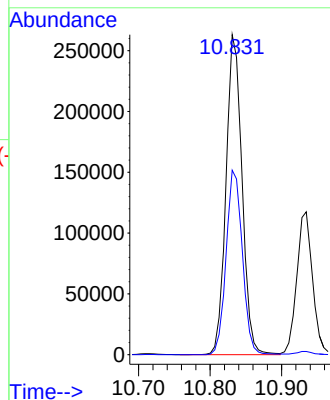
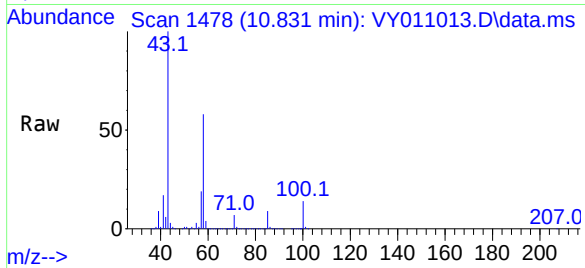




#59
2-Hexanone
Concen: 250.821 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

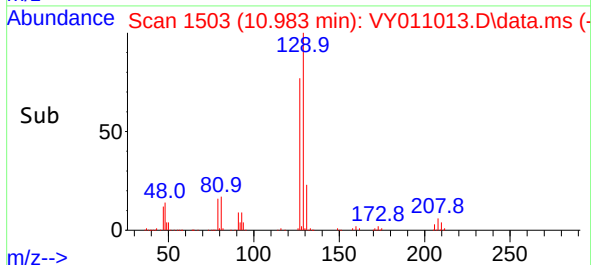
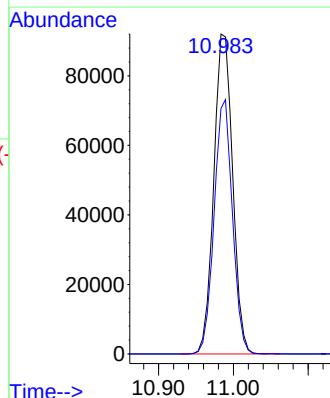
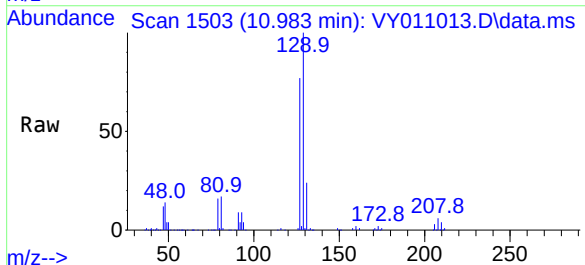
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

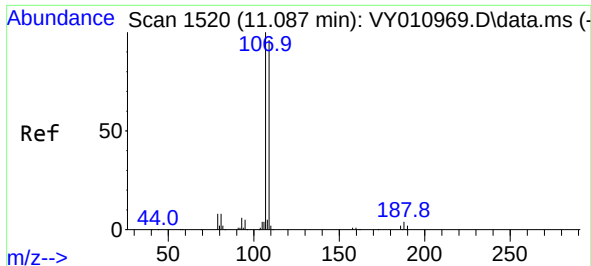
Tgt Ion: 43 Resp: 409257
Ion Ratio Lower Upper
43 100
58 58.5 24.4 73.4



#60
Dibromochloromethane
Concen: 52.697 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 129 Resp: 161618
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

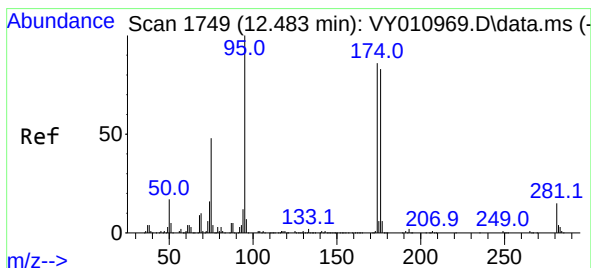
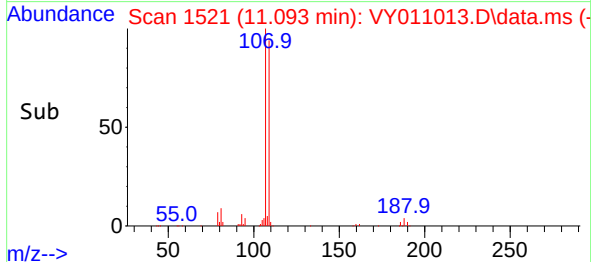
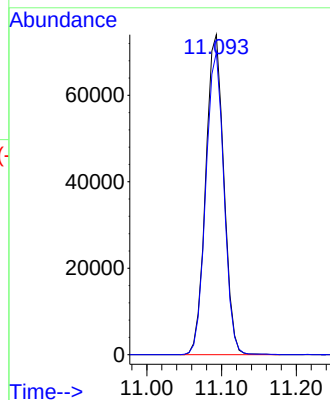
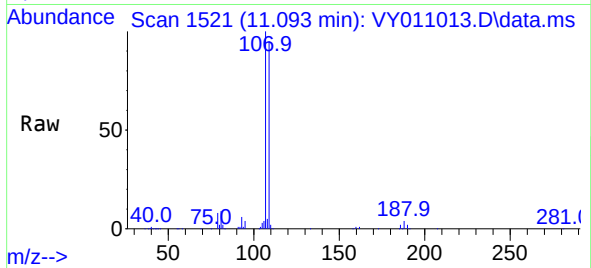




#61
1,2-Dibromoethane
Concen: 50.485 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

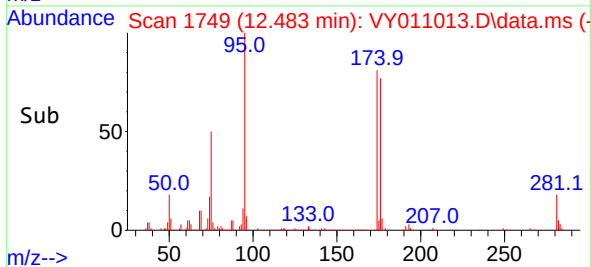
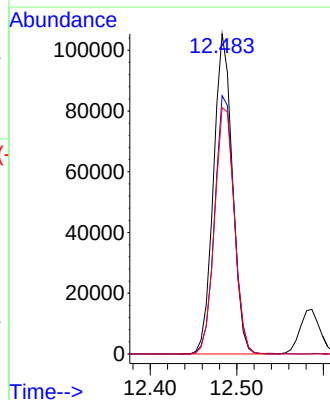
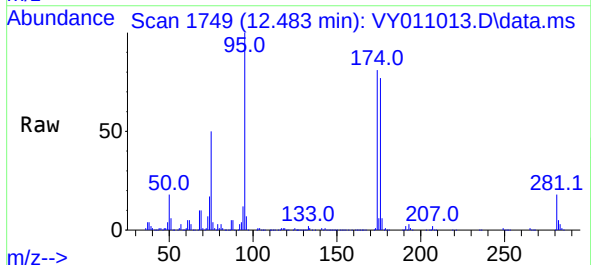
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

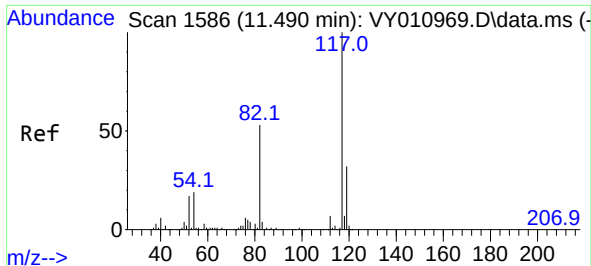
Tgt Ion:107 Resp: 124694
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 46.664 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 95 Resp: 160341
Ion Ratio Lower Upper
95 100
174 82.2 0.0 177.0
176 80.0 0.0 175.8

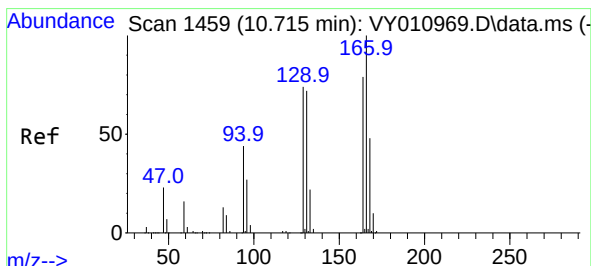
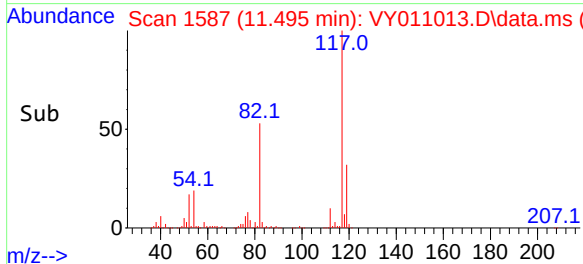
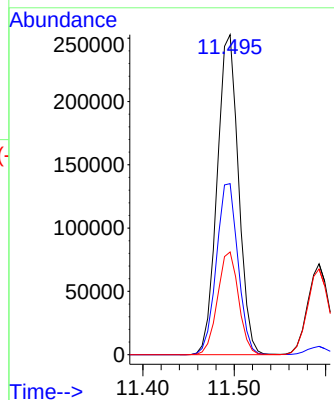
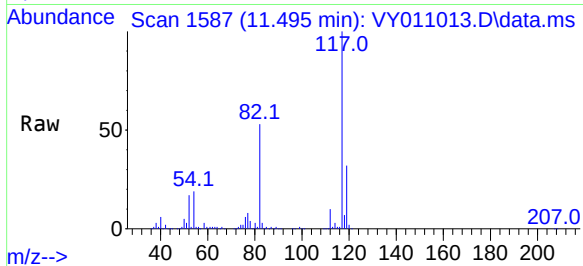




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1170
Delta R.T. 0.005 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

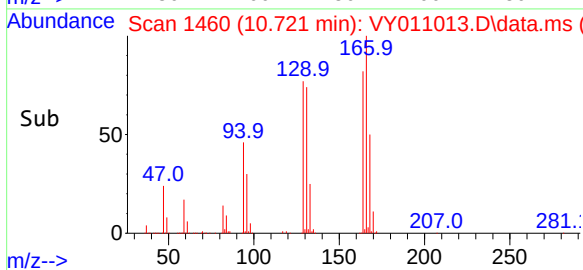
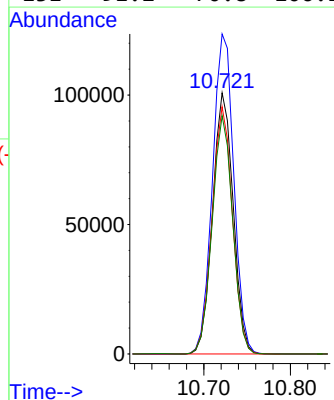
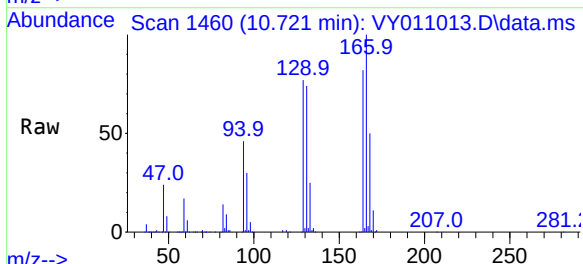
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

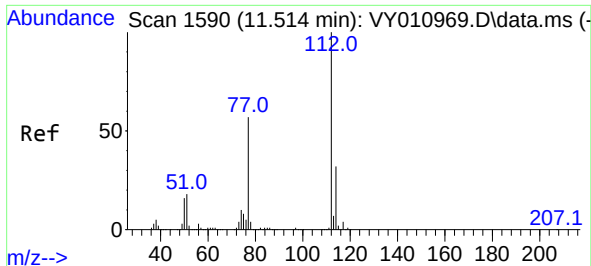
Tgt Ion:117 Resp: 410785
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 52.332 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion:164 Resp: 167345
Ion Ratio Lower Upper
164 100
166 122.6 100.4 150.6
129 94.7 71.4 107.0
131 91.2 70.8 106.2

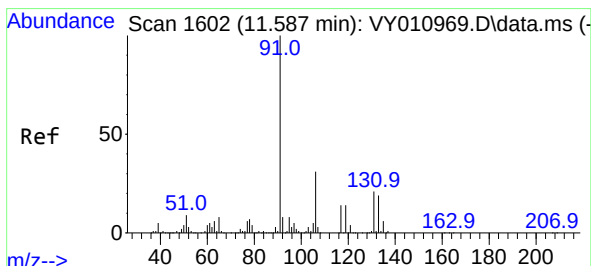
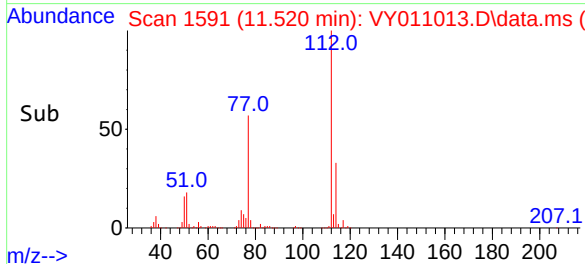
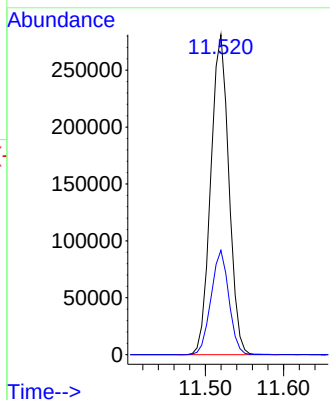
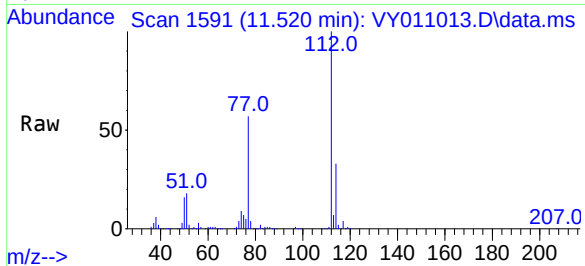




#65
Chlorobenzene
Concen: 53.481 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

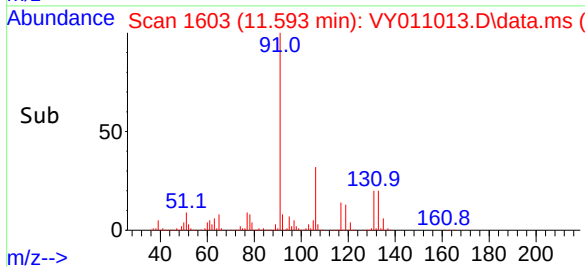
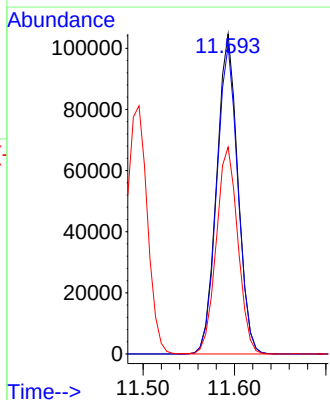
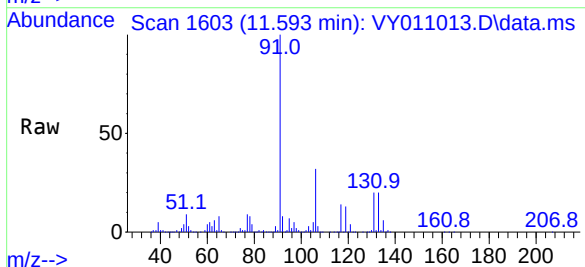
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

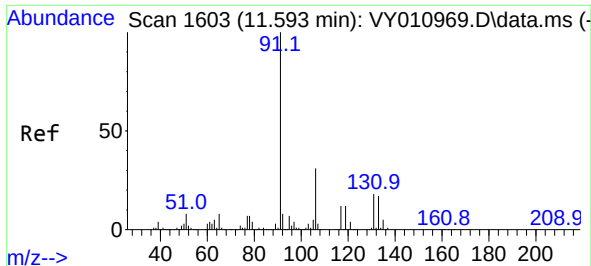
Tgt Ion:112 Resp: 451040
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.863 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion:131 Resp: 168137
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 65.9 30.8 92.3

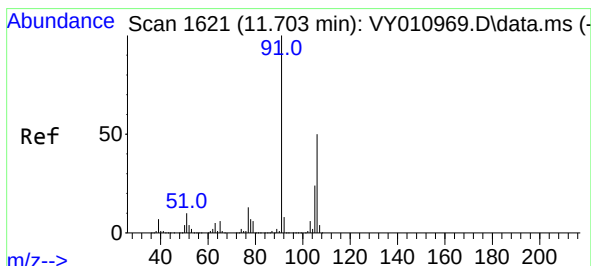
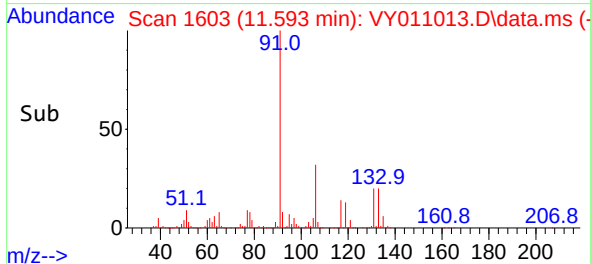
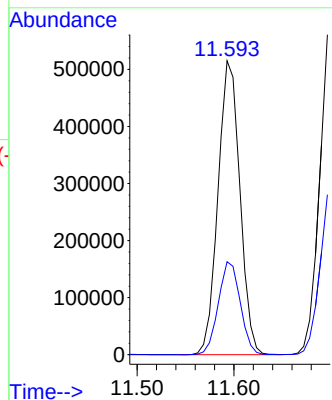
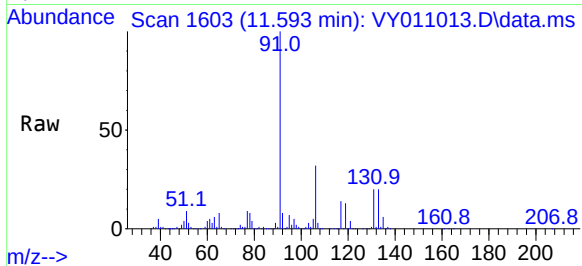




#67
Ethyl Benzene
Concen: 54.252 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

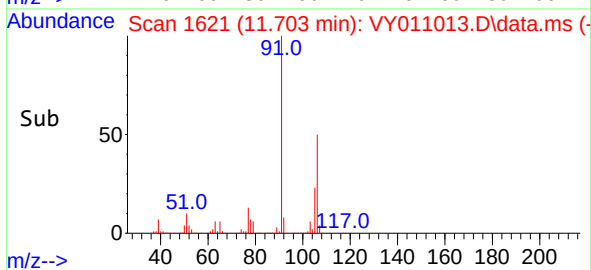
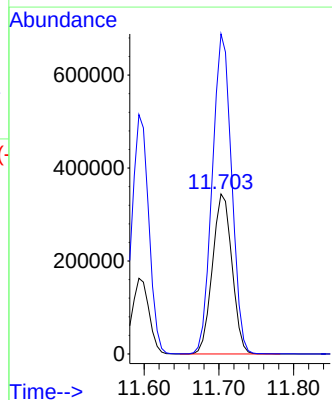
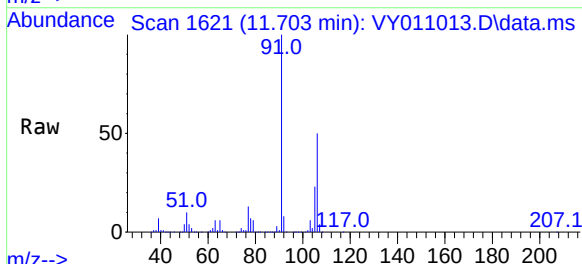
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

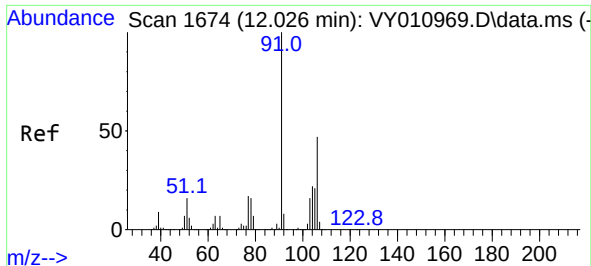
Tgt Ion: 91 Resp: 809452
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#68
m/p-Xylenes
Concen: 108.938 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 106 Resp: 625250
Ion Ratio Lower Upper
106 100
91 198.2 166.6 249.8

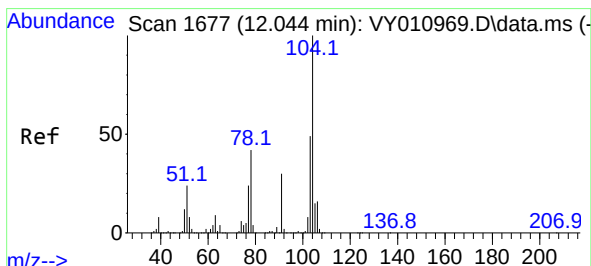
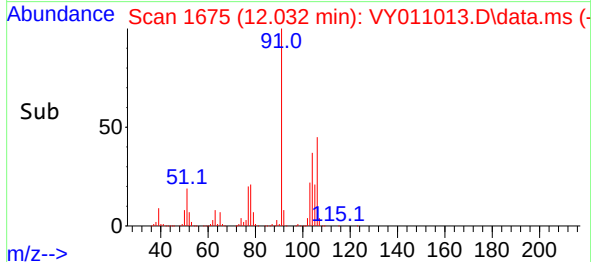
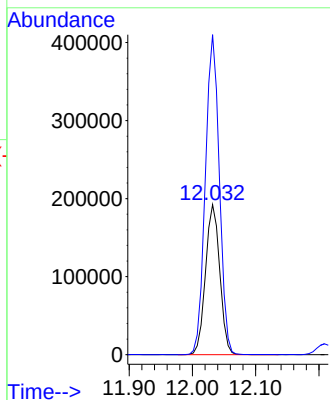
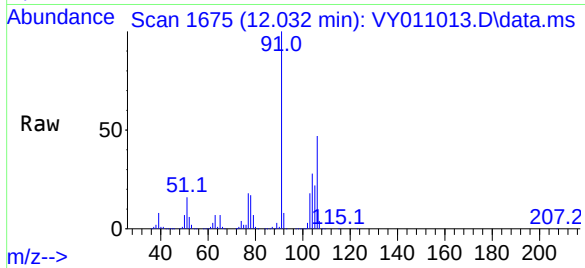




#69
o-Xylene
Concen: 55.330 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

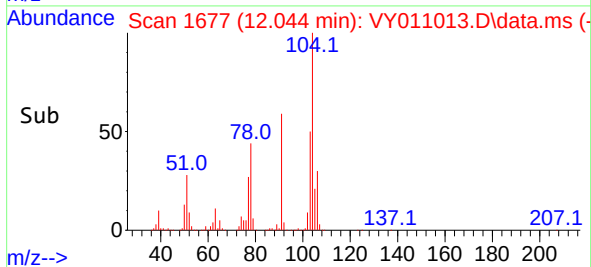
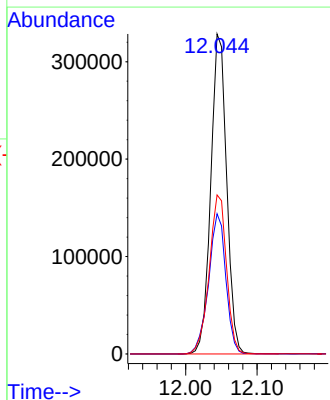
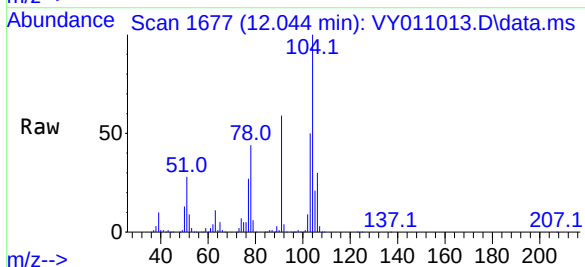
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

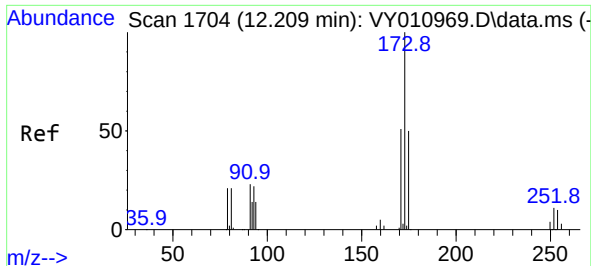
Tgt Ion:106 Resp: 301546
Ion Ratio Lower Upper
106 100
91 209.9 110.3 331.0



#70
Styrene
Concen: 54.848 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion:104 Resp: 506500
Ion Ratio Lower Upper
104 100
78 47.6 42.4 63.6
103 54.3 44.4 66.6

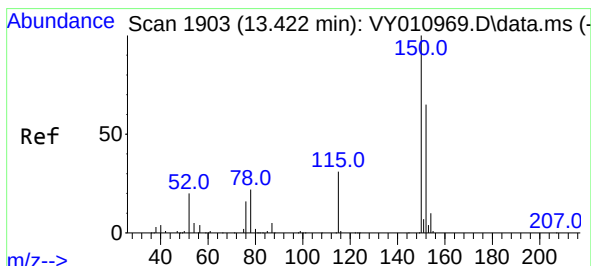
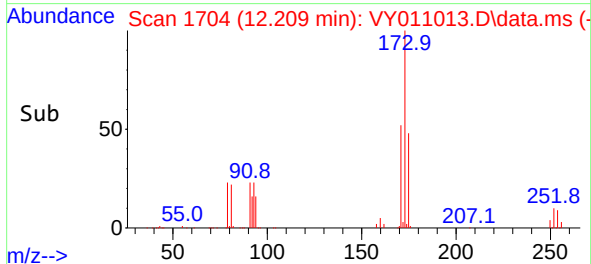
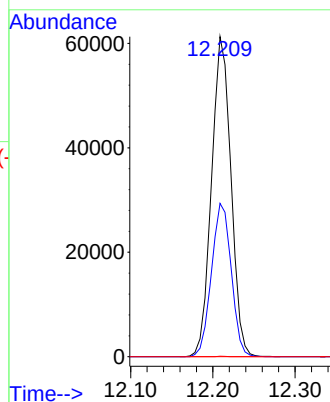
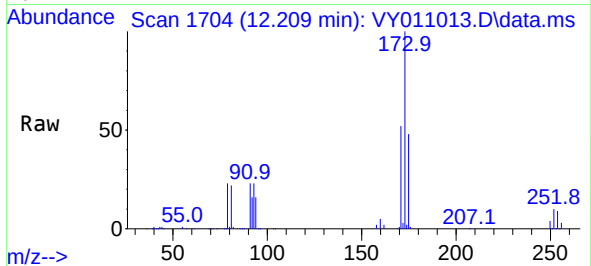




#71
Bromoform
Concen: 52.240 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

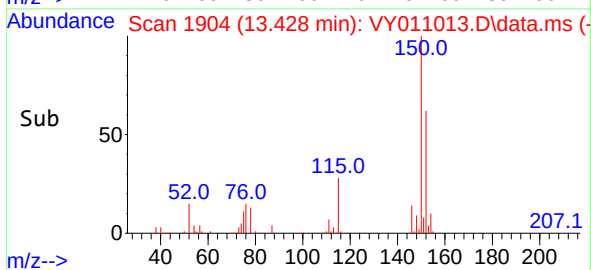
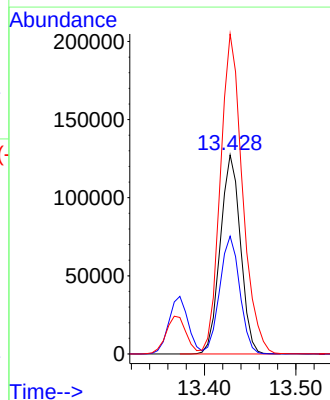
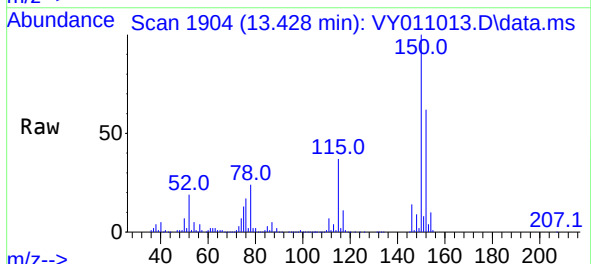
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

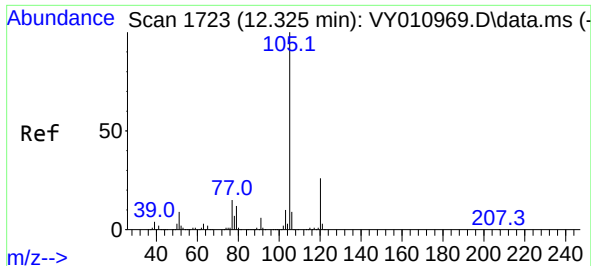
Tgt Ion:173 Resp: 100641
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion:152 Resp: 195932
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 176.3 0.0 347.6

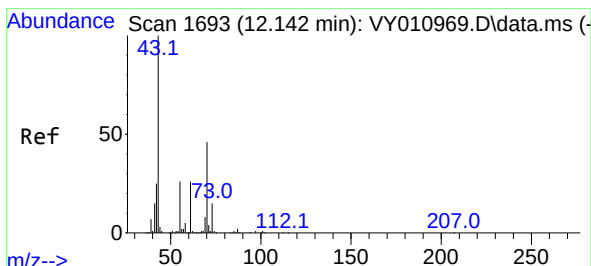
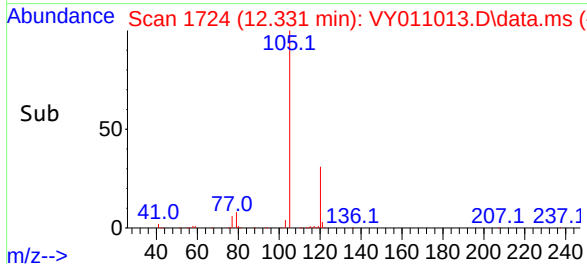
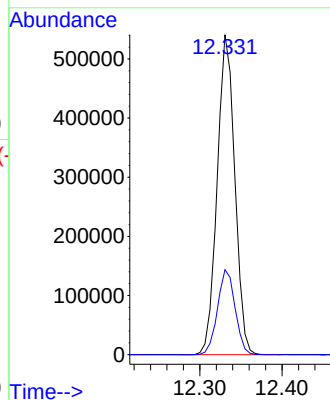
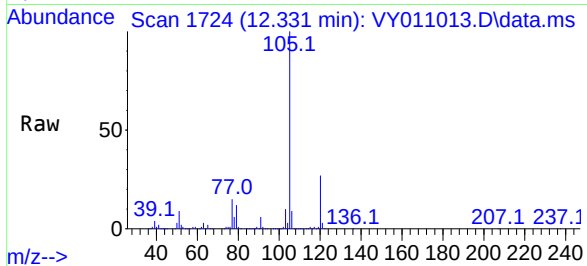




#73
Isopropylbenzene
Concen: 56.596 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

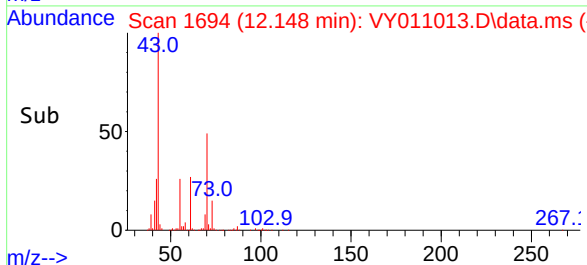
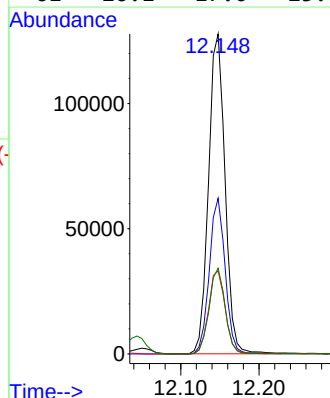
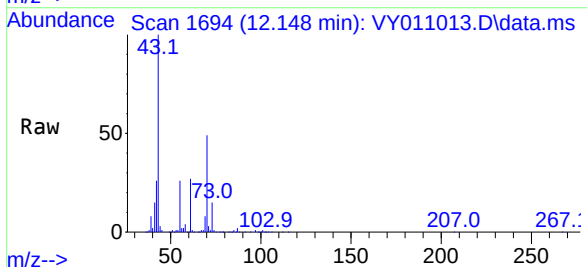
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

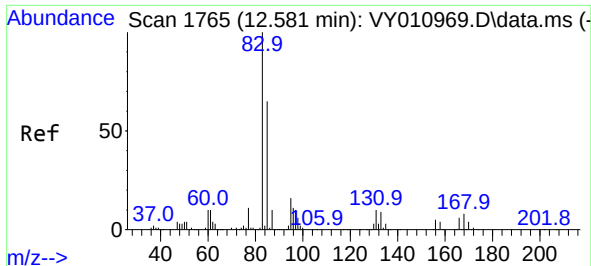
Tgt Ion:105 Resp: 805635
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 51.650 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 43 Resp: 186541
Ion Ratio Lower Upper
43 100
70 47.2 28.7 43.1#
55 26.6 17.3 25.9#
61 26.1 17.0 25.6#

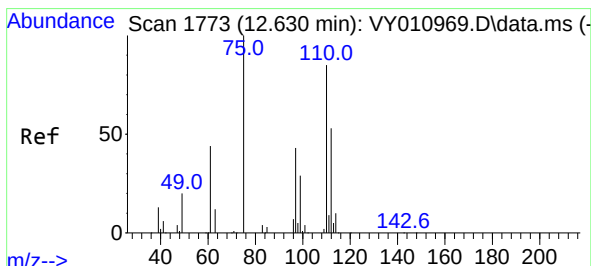
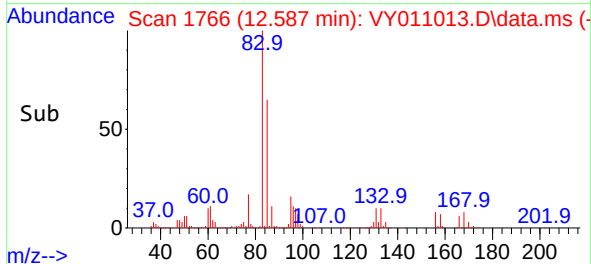
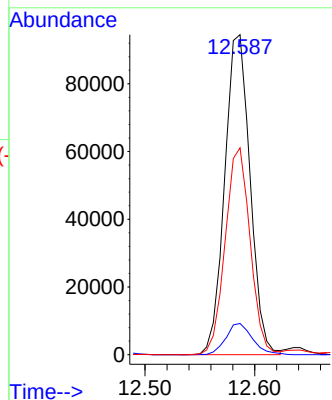
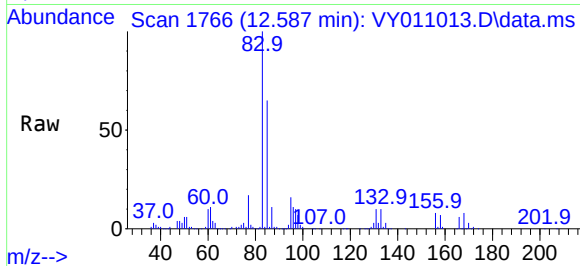




#75
1,1,2,2-Tetrachloroethane
Concen: 50.938 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

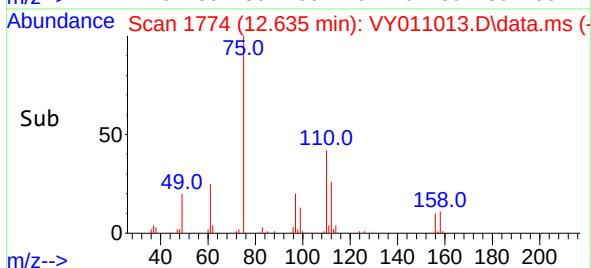
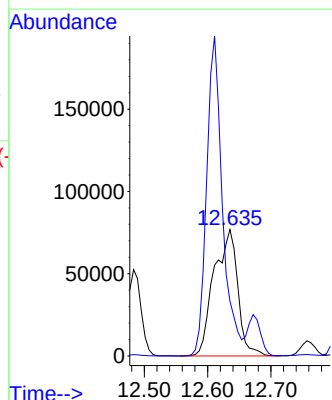
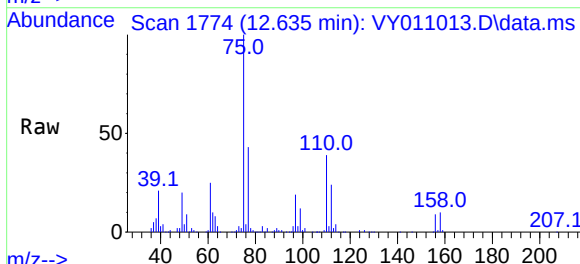
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

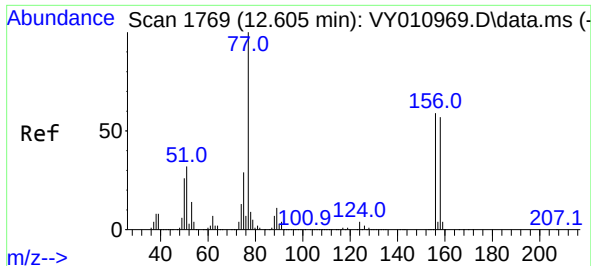
Tgt Ion: 83 Resp: 152175
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 63.6 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 90.134 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 75 Resp: 200500
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

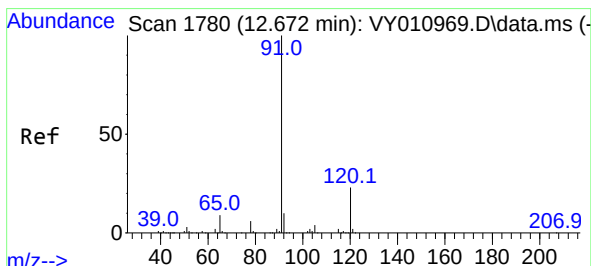
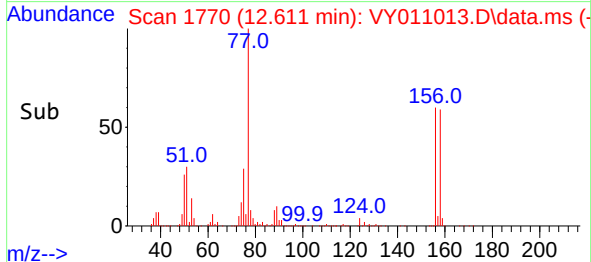
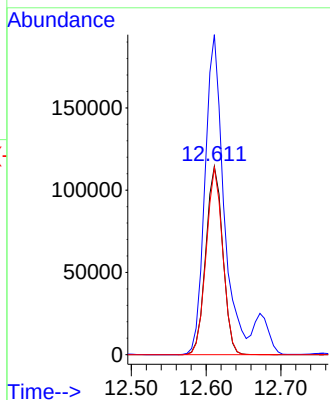
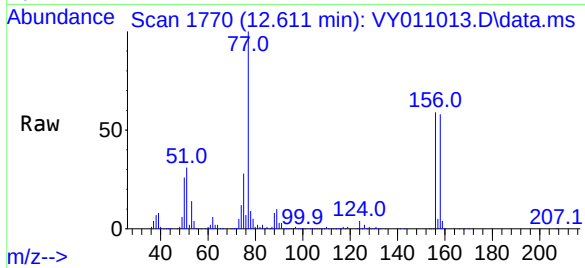




#77
Bromobenzene
Concen: 54.130 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

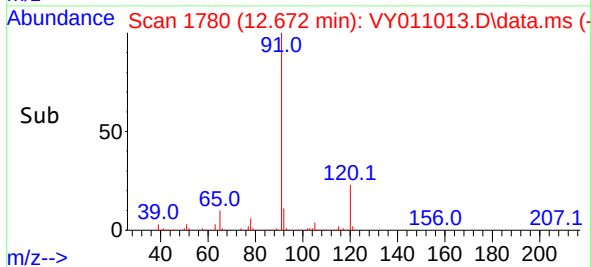
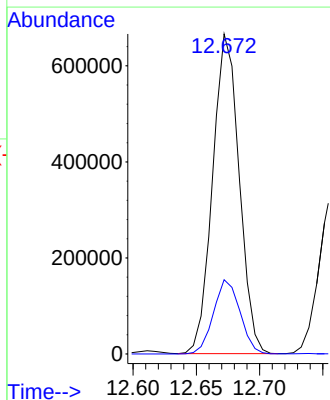
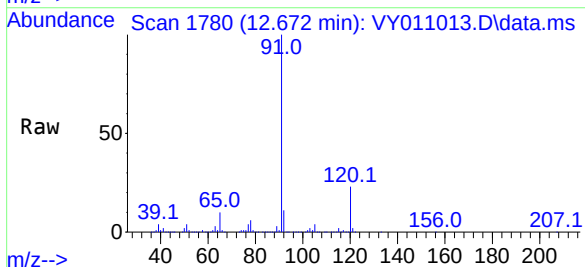
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

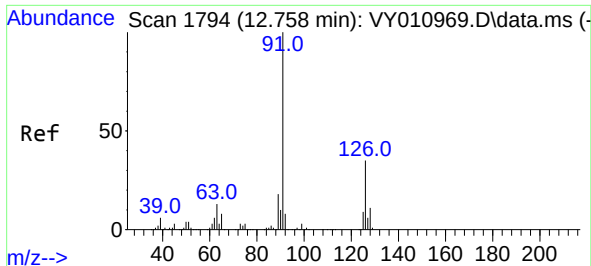
Tgt Ion:156 Resp: 180111
Ion Ratio Lower Upper
156 100
77 187.6 95.5 286.4
158 97.1 48.0 144.0



#78
n-propylbenzene
Concen: 56.154 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 91 Resp: 972548
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9

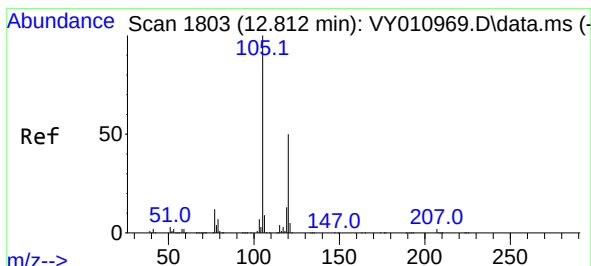
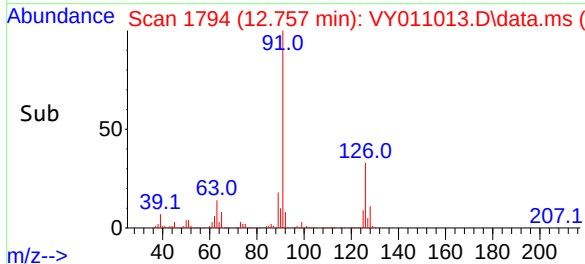
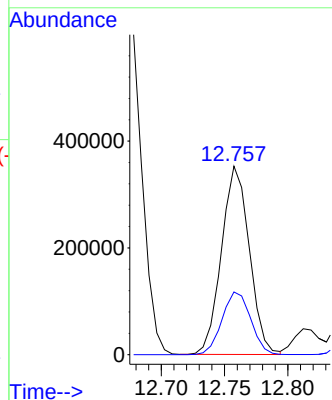
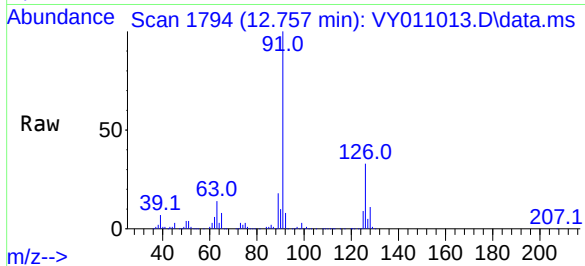




#79
2-Chlorotoluene
Concen: 55.507 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

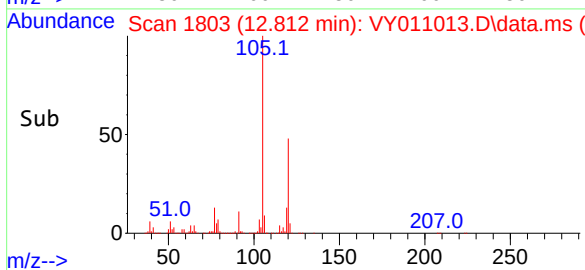
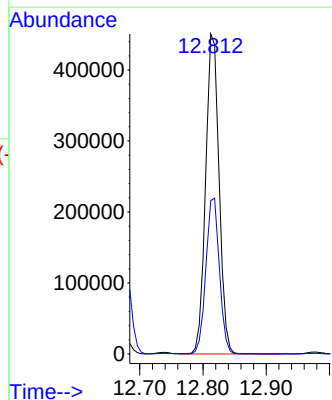
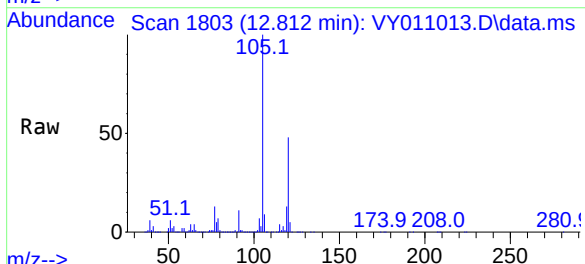
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

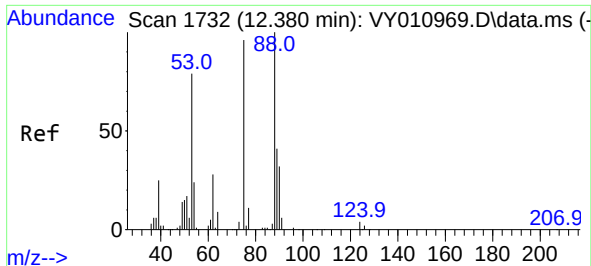
Tgt Ion: 91 Resp: 541397
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 56.193 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 105 Resp: 667409
Ion Ratio Lower Upper
105 100
120 49.1 24.4 73.4

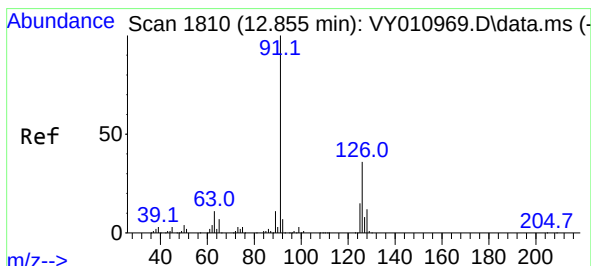
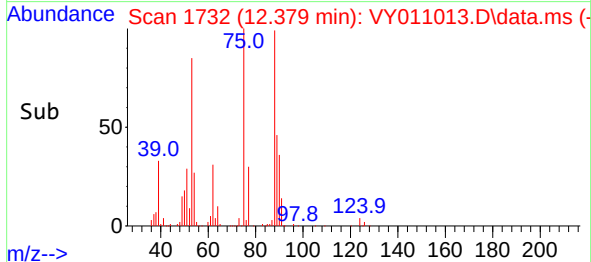
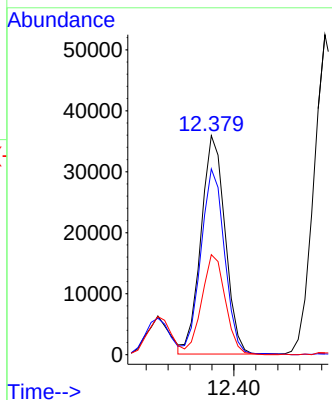
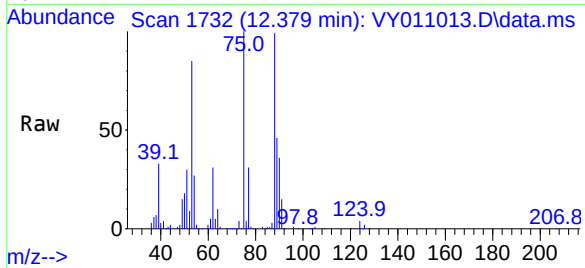




#81
trans-1,4-Dichloro-2-butene
Concen: 52.914 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

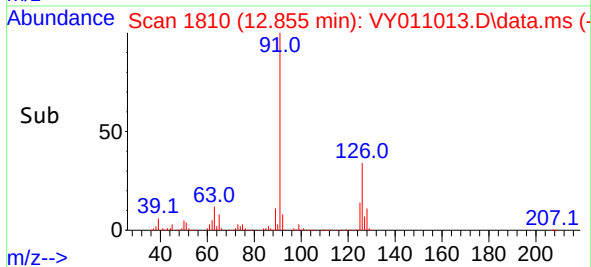
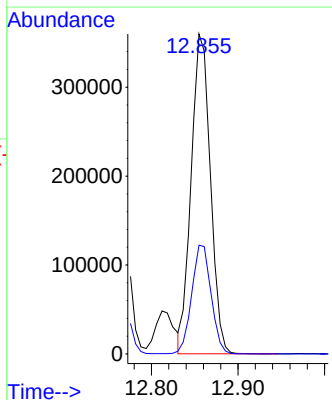
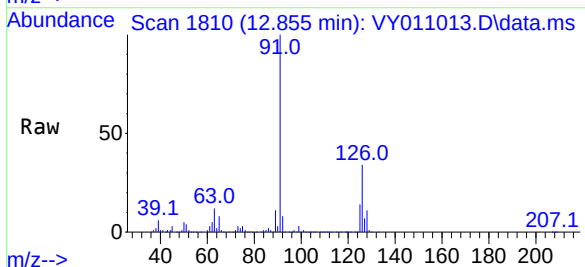
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

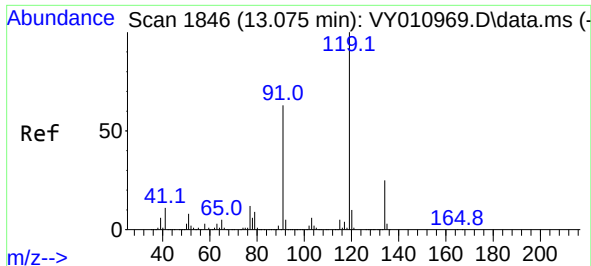
Tgt Ion: 75 Resp: 54728
Ion Ratio Lower Upper
75 100
53 84.4 85.3 127.9#
89 44.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 54.563 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 91 Resp: 554110
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0

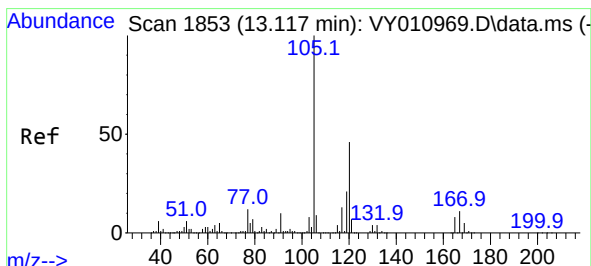
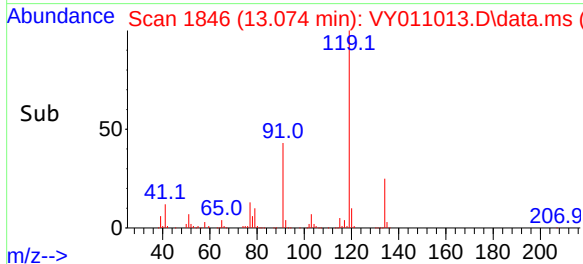
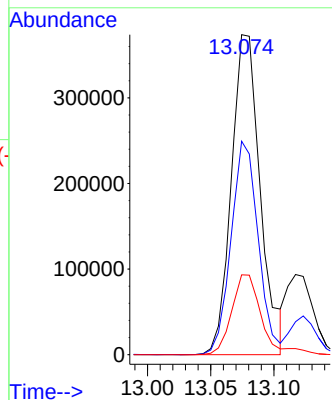
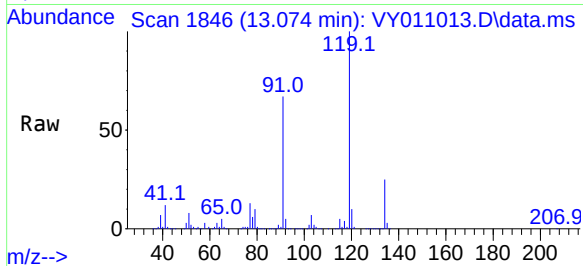




#83
tert-Butylbenzene
Concen: 57.952 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.001 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

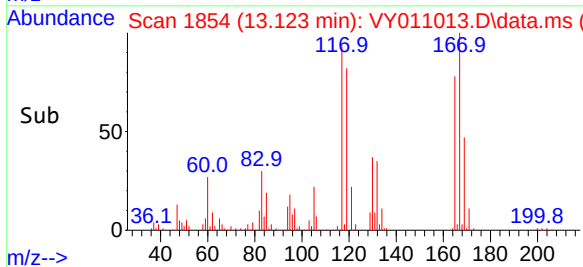
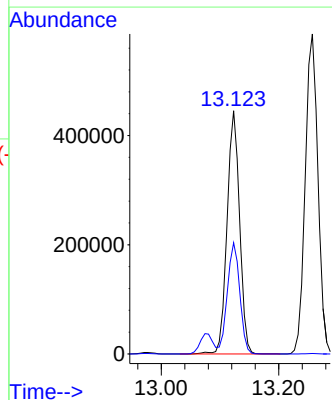
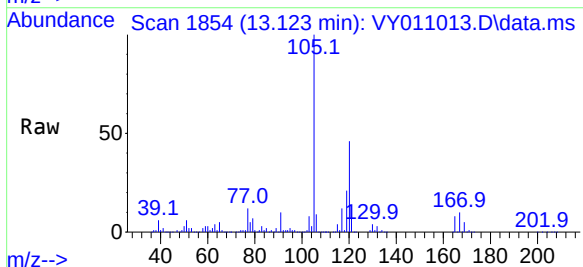
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

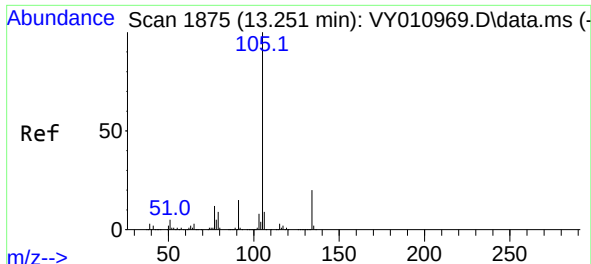
Tgt Ion:119 Resp: 595195
Ion Ratio Lower Upper
119 100
91 62.7 34.8 104.4
134 25.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 56.251 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion:105 Resp: 658794
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.9

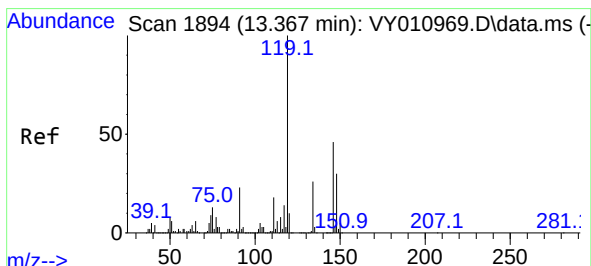
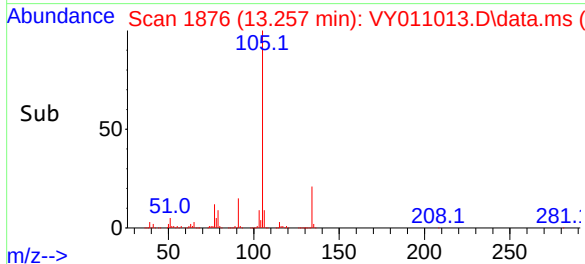
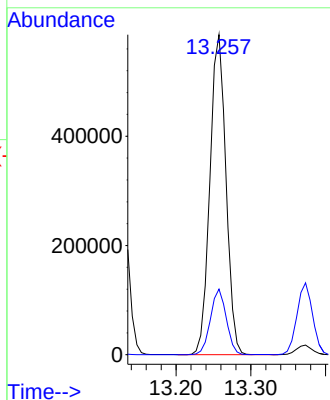
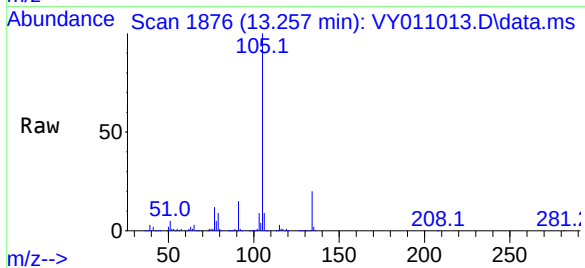




#85
 sec-Butylbenzene
 Concen: 56.778 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY011013.D
 Acq: 20 Oct 2022 09:59

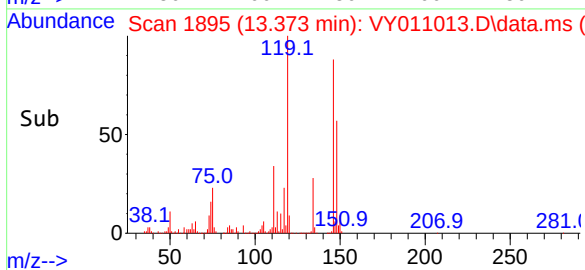
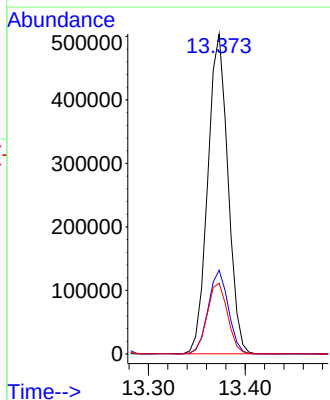
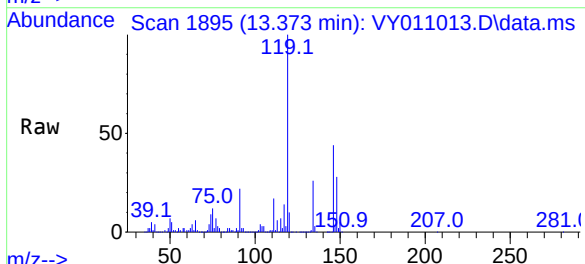
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

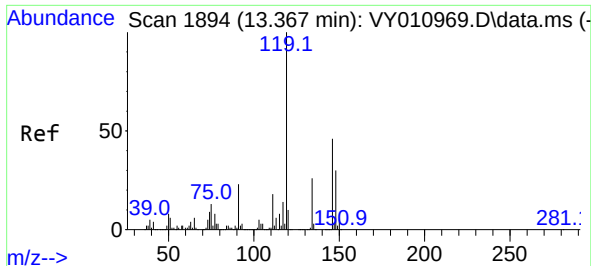
Tgt Ion:105 Resp: 876275
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 56.902 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY011013.D
 Acq: 20 Oct 2022 09:59

Tgt Ion:119 Resp: 728527
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 22.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.694 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

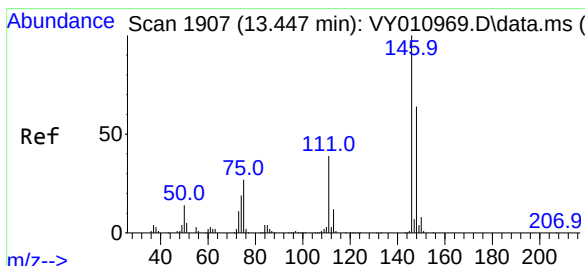
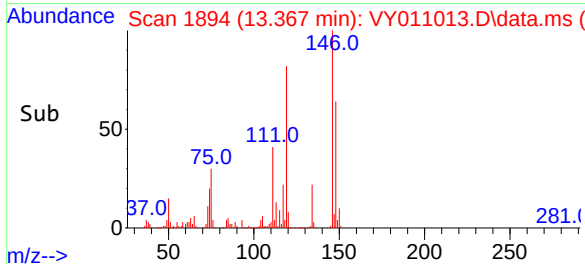
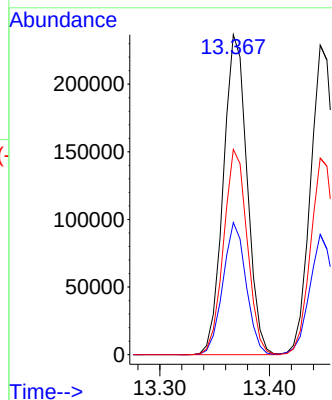
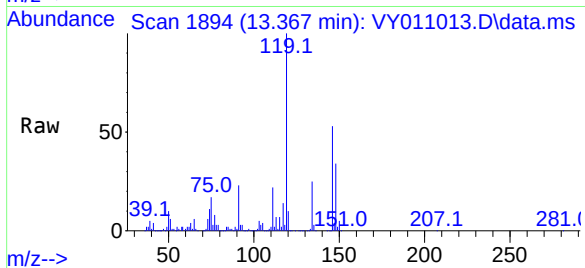
Tgt Ion:146 Resp: 356560

Ion Ratio Lower Upper

146 100

111 40.2 19.5 58.5

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 53.810 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY011013.D

Acq: 20 Oct 2022 09:59

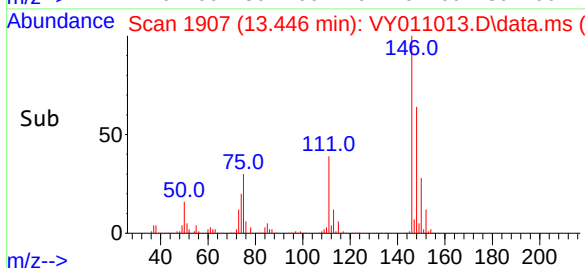
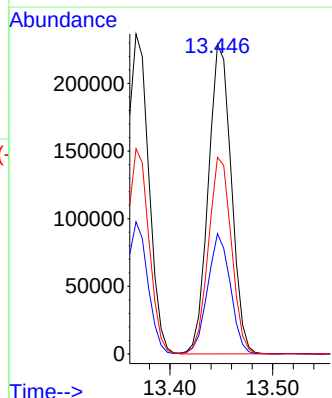
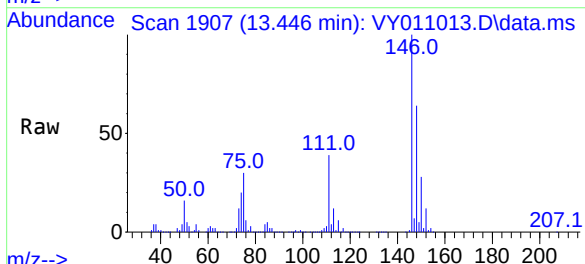
Tgt Ion:146 Resp: 355295

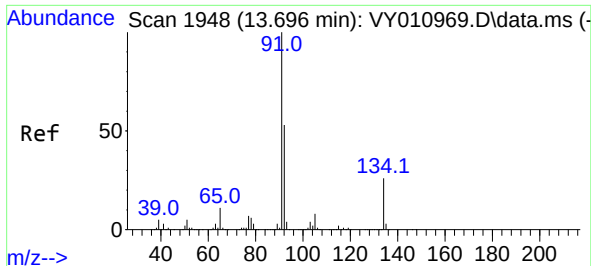
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.8

148 63.6 32.6 97.8

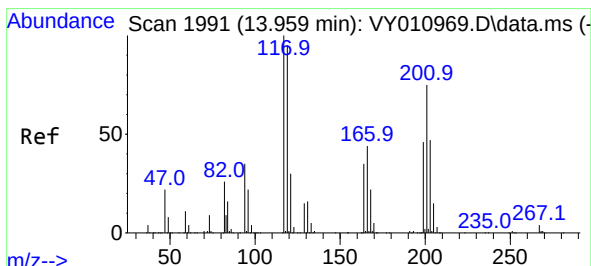
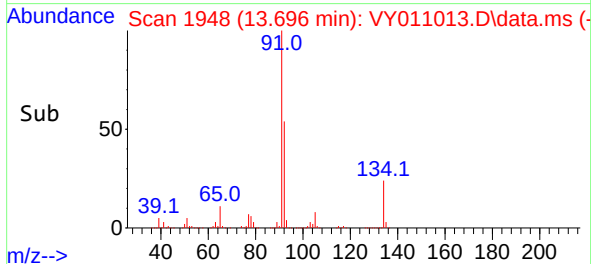
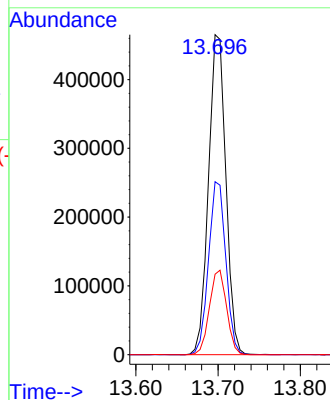
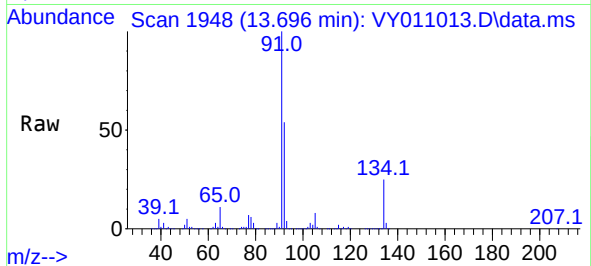




#89
n-Butylbenzene
Concen: 57.020 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

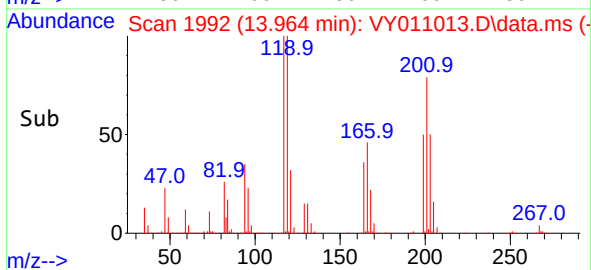
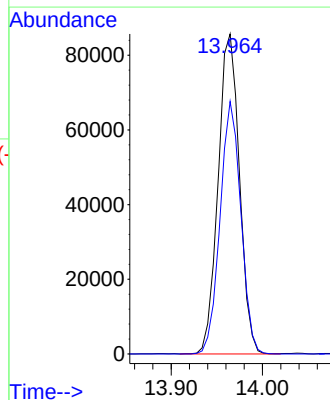
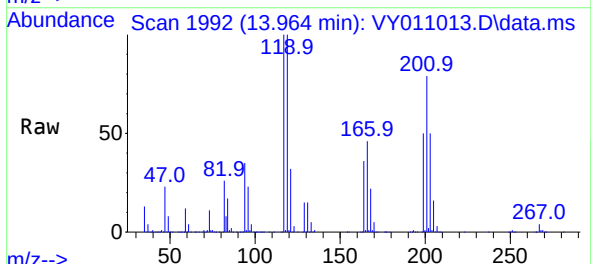
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

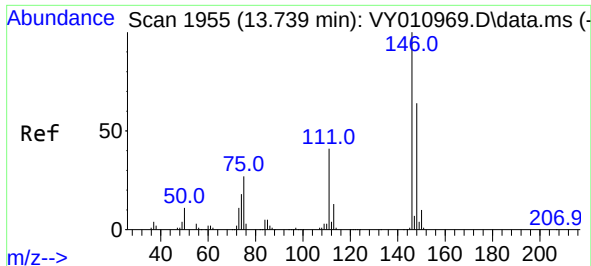
Tgt Ion: 91 Resp: 682193
Ion Ratio Lower Upper
91 100
92 53.8 26.3 78.9
134 26.2 13.0 38.9



#90
Hexachloroethane
Concen: 54.983 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.005 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 117 Resp: 138928
Ion Ratio Lower Upper
117 100
201 76.8 43.0 128.8

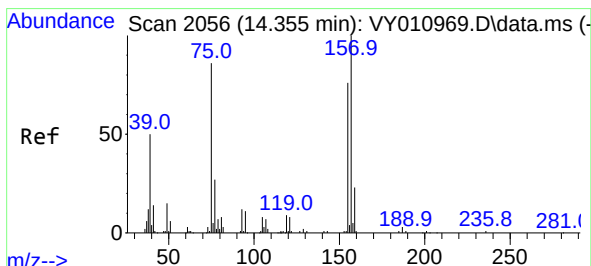
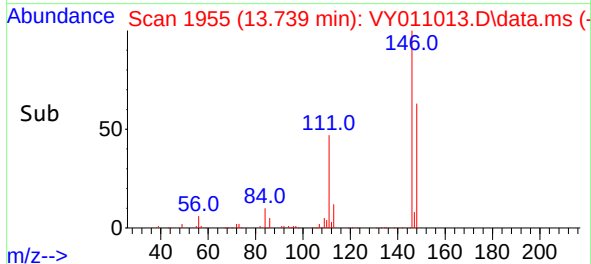
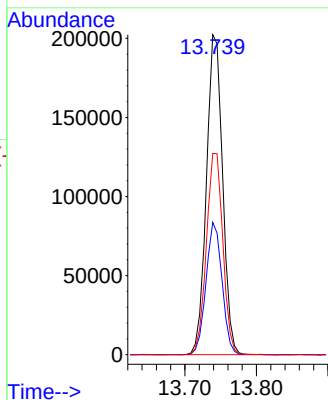
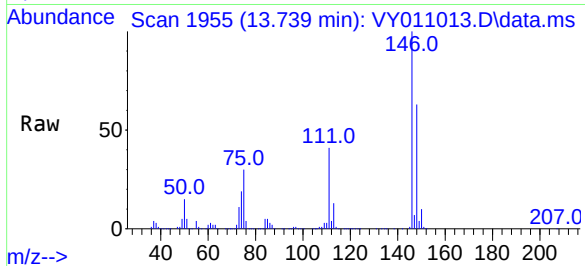




#91
1,2-Dichlorobenzene
Concen: 53.493 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

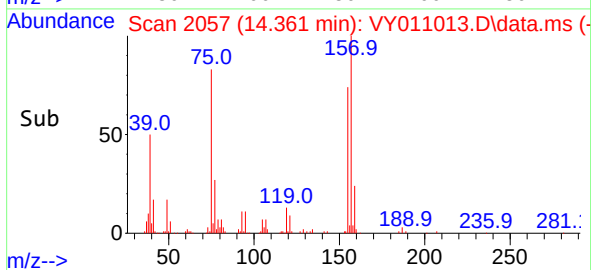
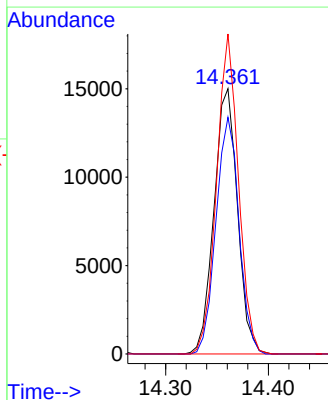
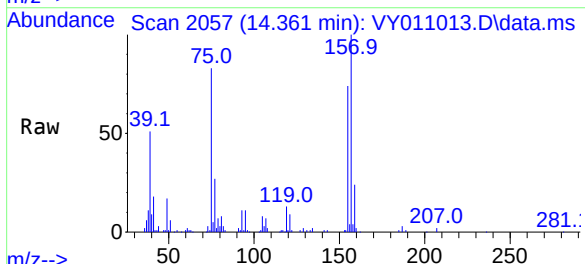
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

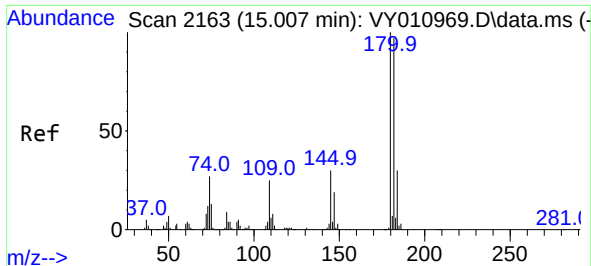
Tgt Ion:146 Resp: 317820
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 64.2 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.232 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion: 75 Resp: 23824
Ion Ratio Lower Upper
75 100
155 87.2 38.0 113.9
157 112.2 47.8 143.3

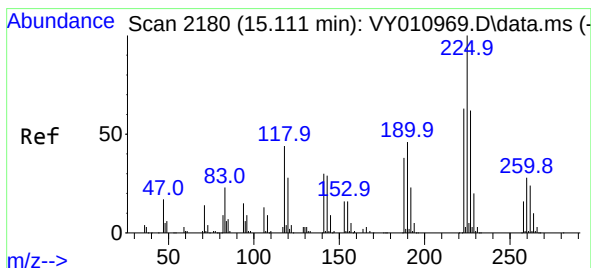
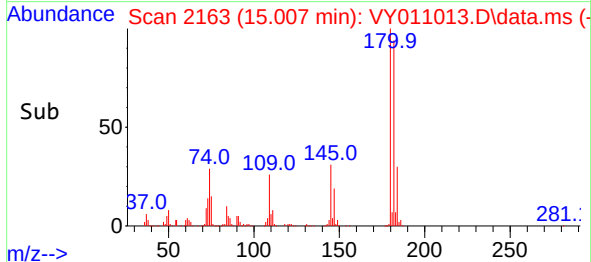
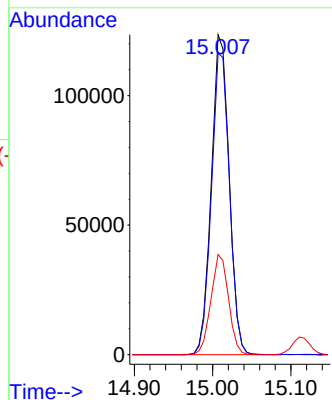
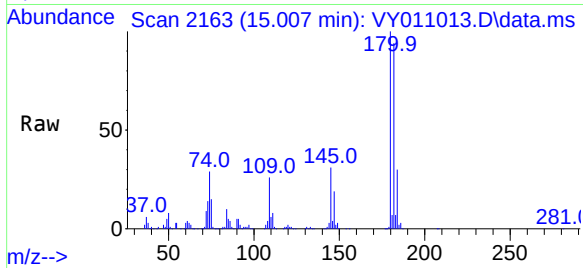




#93
1,2,4-Trichlorobenzene
Concen: 54.910 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

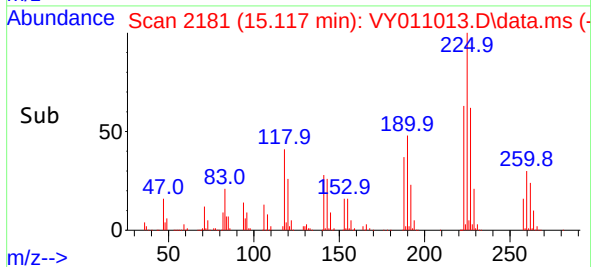
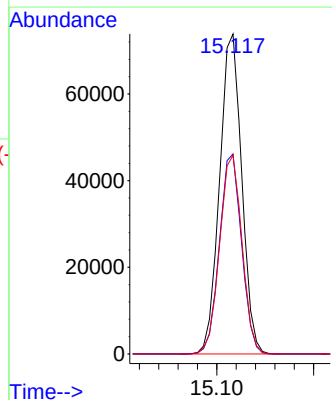
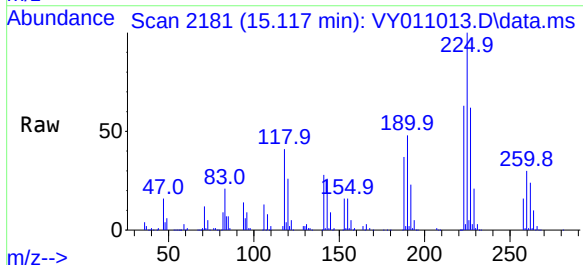
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

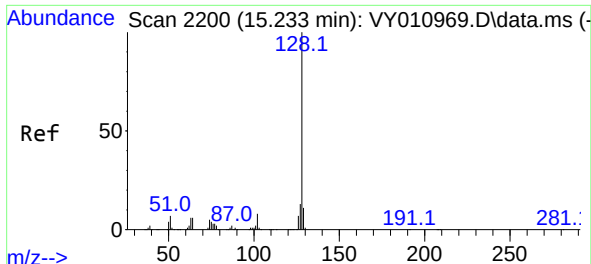
Tgt Ion:180 Resp: 194978
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 31.0 14.6 43.8



#94
Hexachlorobutadiene
Concen: 56.032 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion:225 Resp: 117114
Ion Ratio Lower Upper
225 100
223 62.6 30.8 92.3
227 62.6 31.6 94.7

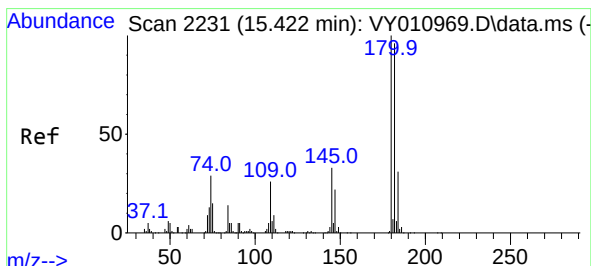
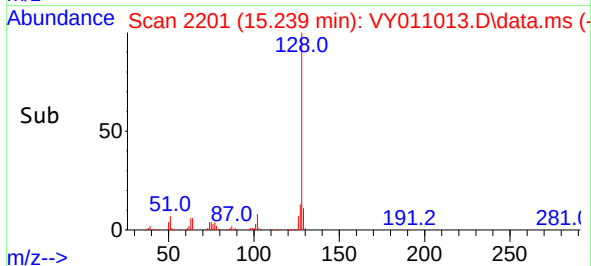
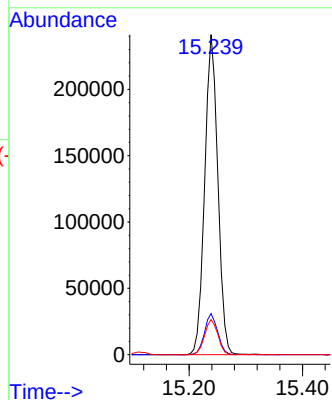
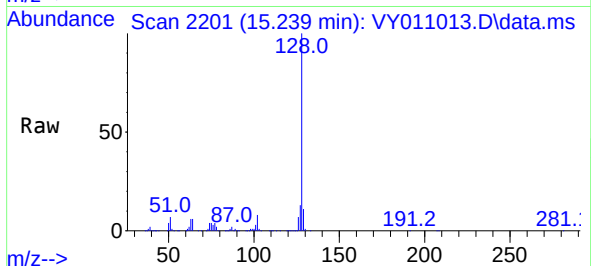




#95
Naphthalene
Concen: 53.589 ug/l
RT: 15.239 min Scan# 211
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 387524
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 53.958 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY011013.D
Acq: 20 Oct 2022 09:59

Tgt Ion:180 Resp: 167150
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.9
145 31.9 15.3 45.9

