

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012639.D
 Acq On : 17 Feb 2023 10:06
 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: Mar 01 05:04:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	124743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	163421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81432	51.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.680%	
35) Dibromofluoromethane	7.716	113	72741	55.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.920%	
50) Toluene-d8	10.179	98	289864	53.094	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.483	95	100253	52.646	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	39397	44.296	ug/l	99
3) Chloromethane	2.113	50	42779	44.015	ug/l	97
4) Vinyl Chloride	2.253	62	55732	46.026	ug/l	98
5) Bromomethane	2.650	94	44444	50.296	ug/l	98
6) Chloroethane	2.790	64	40861	48.480	ug/l	97
7) Trichlorofluoromethane	3.125	101	124616	50.069	ug/l	95
8) Diethyl Ether	3.527	74	37018	50.159	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	62922	50.064	ug/l	98
10) Methyl Iodide	4.088	142	78563	48.218	ug/l	99
11) Tert butyl alcohol	4.948	59	35601	231.788	ug/l	98
12) 1,1-Dichloroethene	3.869	96	60244	48.512	ug/l	96
13) Acrolein	3.729	56	43733	234.518	ug/l	99
14) Allyl chloride	4.478	41	71891	47.480	ug/l	97
15) Acrylonitrile	5.155	53	86513	254.088	ug/l	99
16) Acetone	3.942	43	102768	269.175	ug/l	98
17) Carbon Disulfide	4.192	76	130356	40.470	ug/l	98
18) Methyl Acetate	4.472	43	42077	45.852	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	197074	54.233	ug/l	100
20) Methylene Chloride	4.710	84	71735	50.322	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	66703	49.251	ug/l	94
22) Diisopropyl ether	6.112	45	158637	51.526	ug/l	96
23) Vinyl Acetate	6.057	43	481858	259.618	ug/l	98
24) 1,1-Dichloroethane	6.015	63	110470	50.192	ug/l	99
25) 2-Butanone	6.978	43	106245	250.816	ug/l	95
26) 2,2-Dichloropropane	6.978	77	126719	52.403	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	82119	52.248	ug/l	98
28) Bromochloromethane	7.332	49	42470	53.084	ug/l	96
29) Tetrahydrofuran	7.344	42	54922	239.830	ug/l	94
30) Chloroform	7.502	83	138000	52.005	ug/l	100
31) Cyclohexane	7.783	56	80426	43.853	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	136091	52.851	ug/l	99
36) 1,1-Dichloropropene	7.917	75	89465	50.397	ug/l	98
37) Ethyl Acetate	7.069	43	38036	47.484	ug/l	97
38) Carbon Tetrachloride	7.899	117	128852	54.072	ug/l	98
39) Methylcyclohexane	9.179	83	105302	49.296	ug/l	97
40) Benzene	8.155	78	269454	51.391	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	57326	130.629	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	92594	54.485	ug/l	99
43) Isopropyl Acetate	8.270	43	77973	52.501	ug/l	100
44) Trichloroethene	8.935	130	83999	52.628	ug/l	98
45) 1,2-Dichloropropane	9.215	63	58801	51.720	ug/l	99
46) Dibromomethane	9.301	93	39696	52.731	ug/l	99
47) Bromodichloromethane	9.496	83	105773	54.190	ug/l	98
48) Methyl methacrylate	9.289	41	35447	52.215	ug/l	97
49) 1,4-Dioxane	9.295	88	11840	1139.334	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	210261	262.402	ug/l	99
52) Toluene	10.240	92	185653	52.214	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	107382	54.596	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	112910	53.048	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	59698	54.272	ug/l	98
56) Ethyl methacrylate	10.508	69	75590	54.697	ug/l	98
57) 1,3-Dichloropropane	10.788	76	94600	53.288	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	170811	274.983	ug/l	97
59) 2-Hexanone	10.831	43	159815	263.918	ug/l	99
60) Dibromochloromethane	10.983	129	82865	56.514	ug/l	100
61) 1,2-Dibromoethane	11.087	107	55002	53.366	ug/l	98
64) Tetrachloroethene	10.715	164	99245	58.170	ug/l	97
65) Chlorobenzene	11.514	112	213074	54.972	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	86145	56.715	ug/l	98
67) Ethyl Benzene	11.593	91	368410	54.140	ug/l	99
68) m/p-Xylenes	11.703	106	296739	109.248	ug/l	100
69) o-Xylene	12.026	106	146049	56.461	ug/l	99
70) Styrene	12.044	104	247560	56.431	ug/l	99
71) Bromoform	12.209	173	54251	56.507	ug/l #	97
73) Isopropylbenzene	12.331	105	391961	52.093	ug/l	99
74) N-amyl acetate	12.142	43	69465	51.001	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	59337	48.771	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	89572	86.207	ug/l #	100
77) Bromobenzene	12.605	156	95841	52.553	ug/l	96
78) n-propylbenzene	12.672	91	446554	51.563	ug/l	99
79) 2-Chlorotoluene	12.757	91	252276	51.314	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	338868	52.317	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	23049	50.024	ug/l	99
82) 4-Chlorotoluene	12.855	91	266647	51.703	ug/l	100
83) tert-Butylbenzene	13.074	119	302948	53.336	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	335116	52.581	ug/l	100
85) sec-Butylbenzene	13.251	105	427535	52.614	ug/l	99
86) p-Isopropyltoluene	13.367	119	379549	53.842	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	192261	52.985	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	190090	52.299	ug/l	99
89) n-Butylbenzene	13.696	91	319340	53.004	ug/l	100
90) Hexachloroethane	13.958	117	65804	50.857	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	171610	52.572	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12775	52.765	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	112818	55.779	ug/l	100
94) Hexachlorobutadiene	15.111	225	68355	54.402	ug/l	100
95) Naphthalene	15.239	128	220452	56.778	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	96318	55.015	ug/l	99

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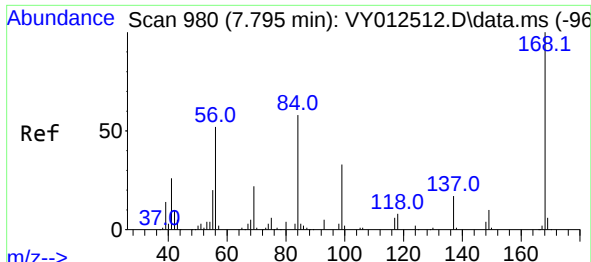
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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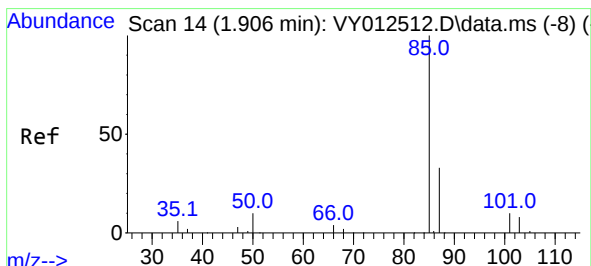
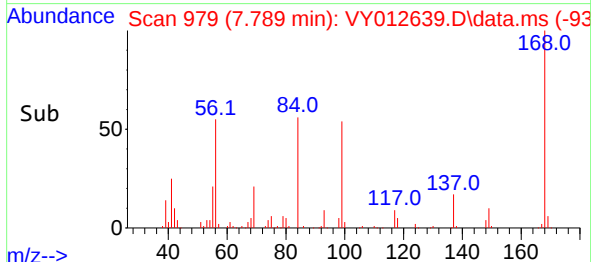
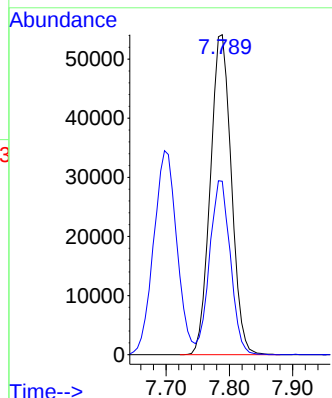
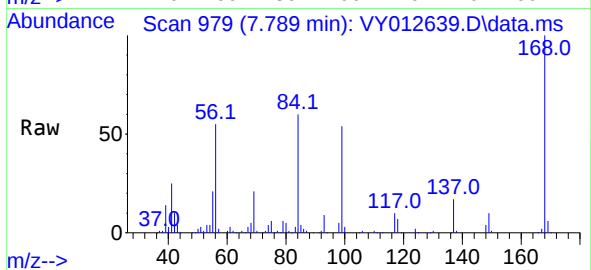




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012639.D
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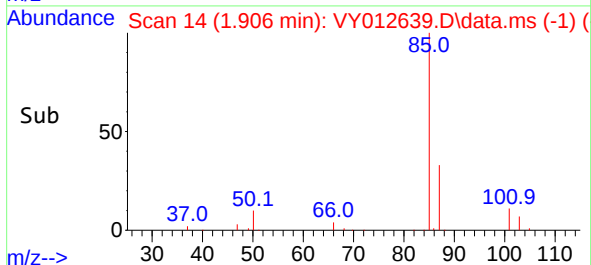
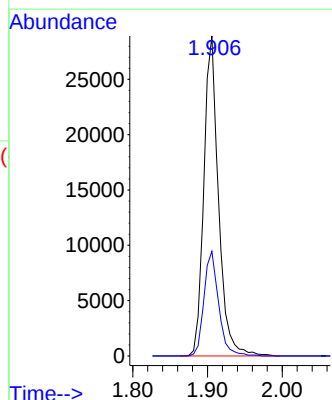
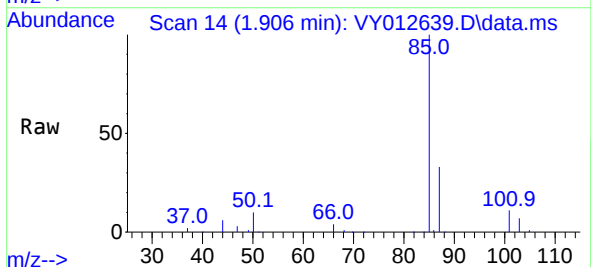
Instrument :
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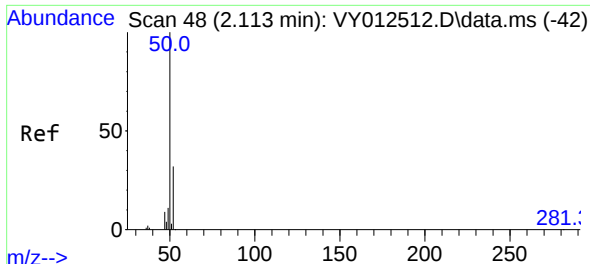
Tgt Ion:168 Resp: 124743
Ion Ratio Lower Upper
168 100
99 54.2 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 44.296 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 85 Resp: 39397
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.8

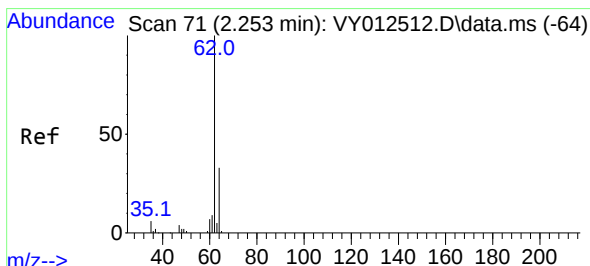
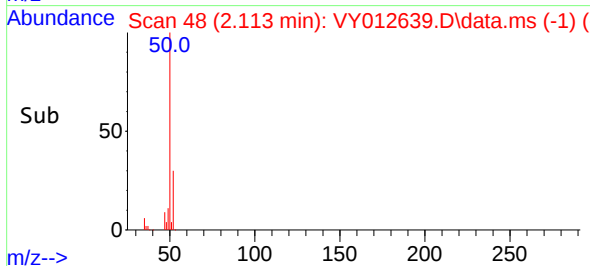
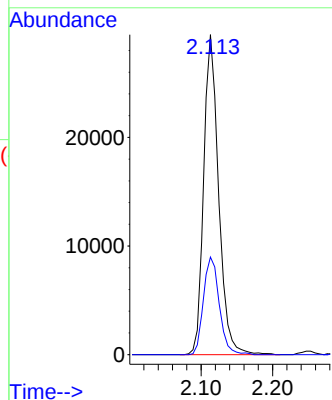
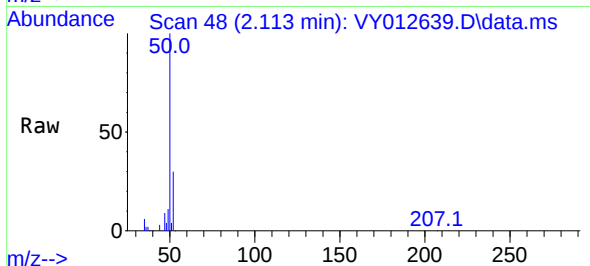




#3
Chloromethane
Concen: 44.015 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

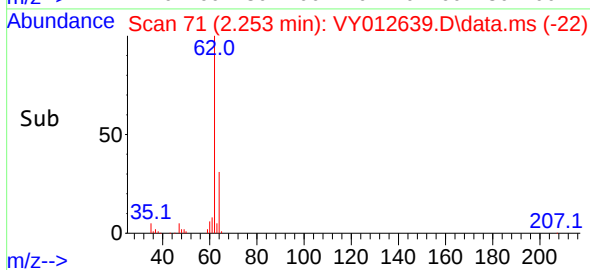
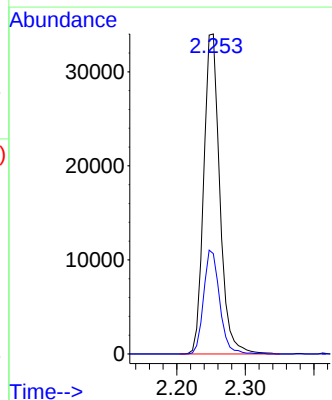
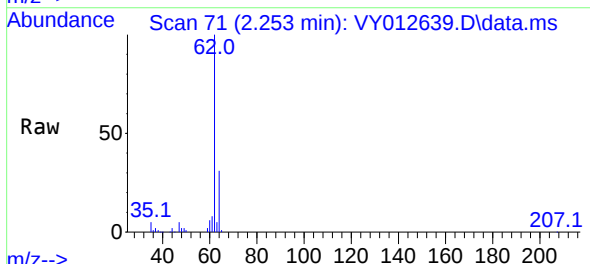
Instrument :
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ClientSampleId :
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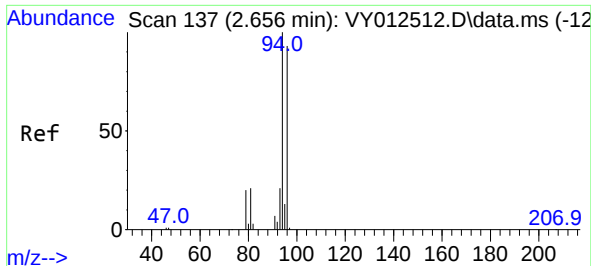
Tgt Ion: 50 Resp: 42779
Ion Ratio Lower Upper
50 100
52 30.5 25.8 38.6



#4
Vinyl Chloride
Concen: 46.026 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 62 Resp: 55732
Ion Ratio Lower Upper
62 100
64 31.4 26.1 39.1

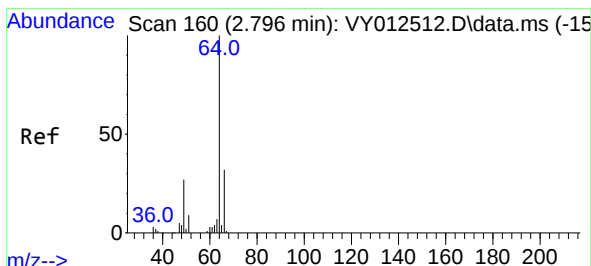
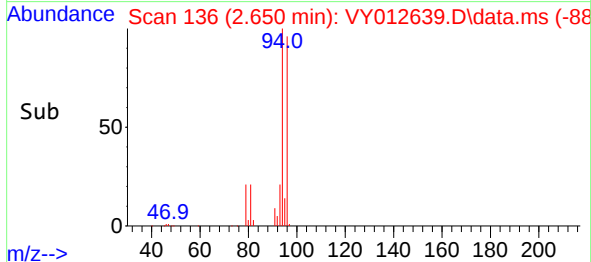
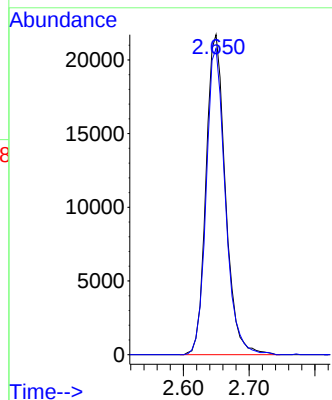
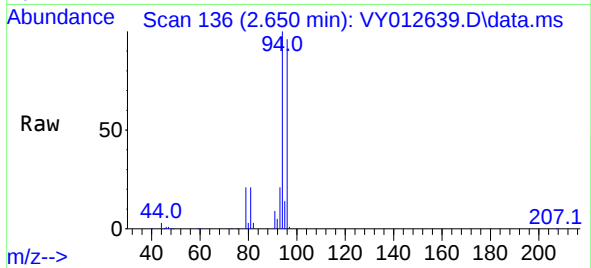




#5
Bromomethane
Concen: 50.296 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

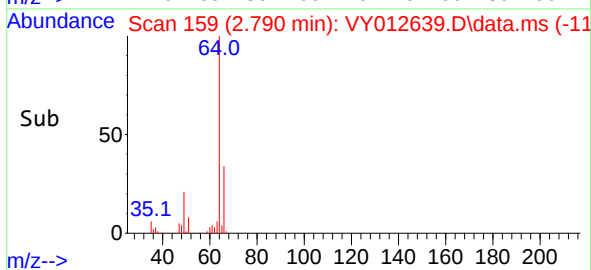
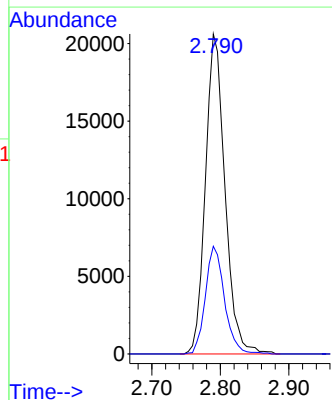
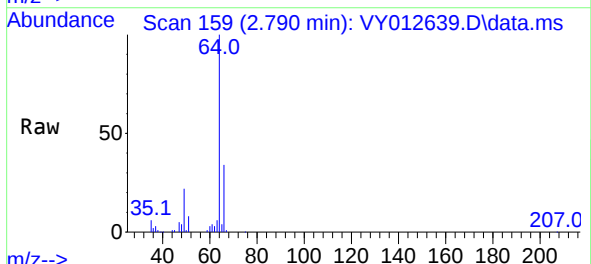
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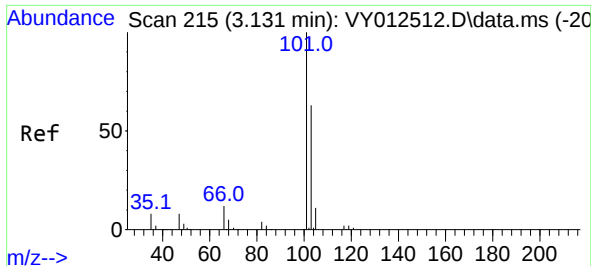
Tgt Ion: 94 Resp: 44444
Ion Ratio Lower Upper
94 100
96 95.7 74.7 112.1



#6
Chloroethane
Concen: 48.480 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 64 Resp: 40861
Ion Ratio Lower Upper
64 100
66 33.7 25.7 38.5

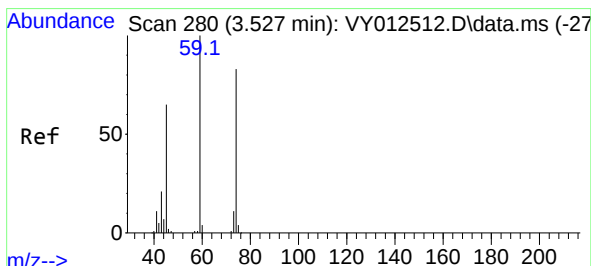
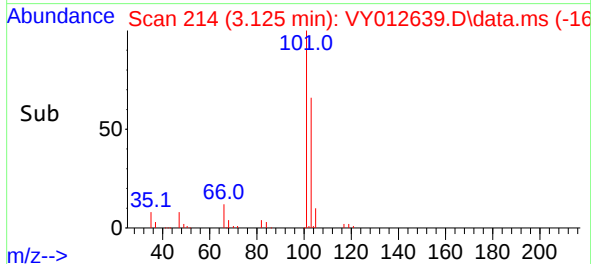
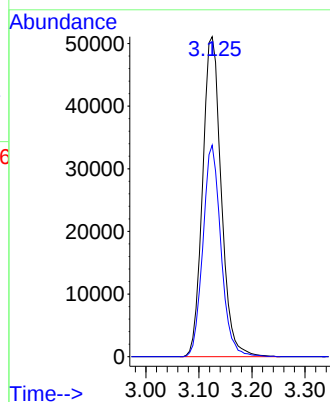
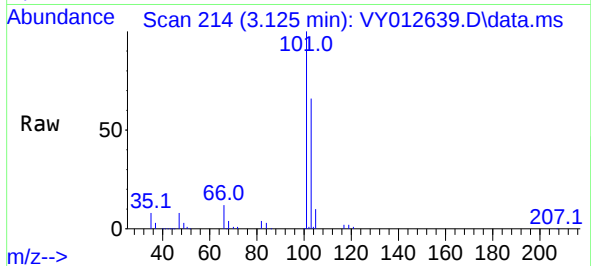




#7
Trichlorofluoromethane
Concen: 50.069 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

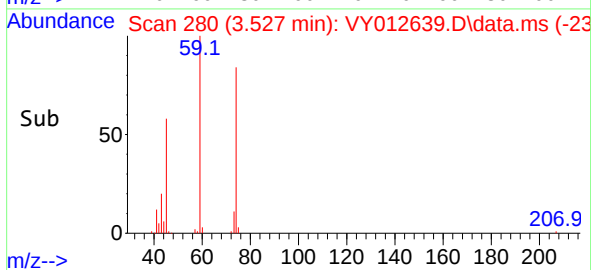
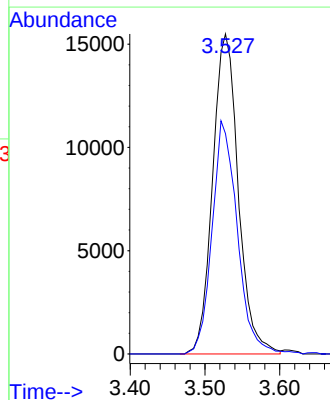
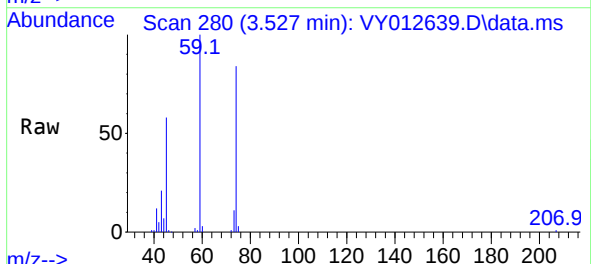
Instrument :
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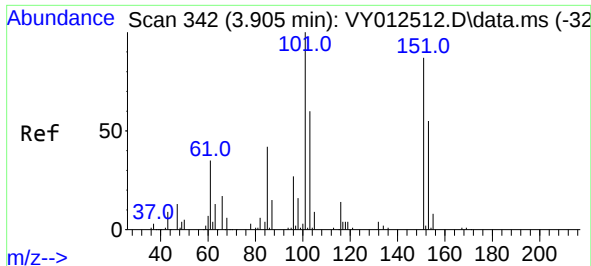
Tgt Ion:101 Resp: 124616
Ion Ratio Lower Upper
101 100
103 66.1 50.1 75.1



#8
Diethyl Ether
Concen: 50.159 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 74 Resp: 37018
Ion Ratio Lower Upper
74 100
45 71.7 37.8 113.4

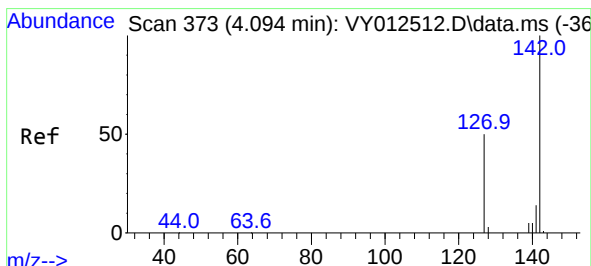
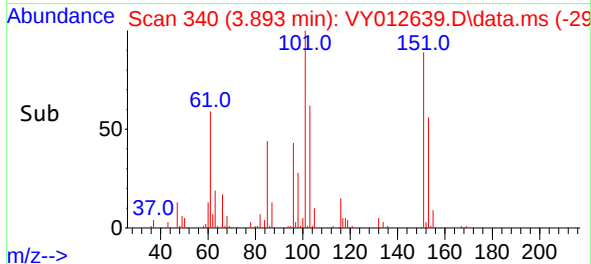
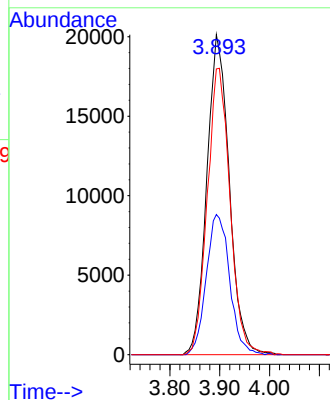
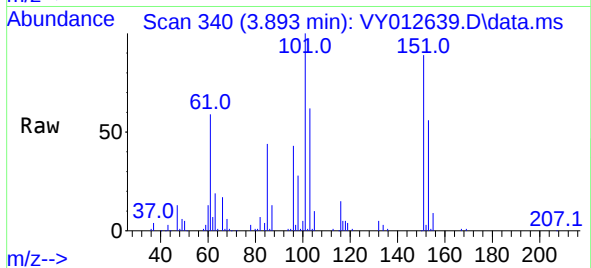




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.064 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

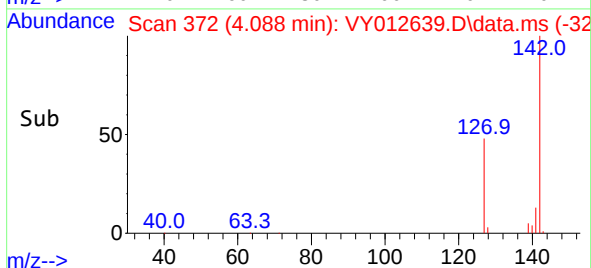
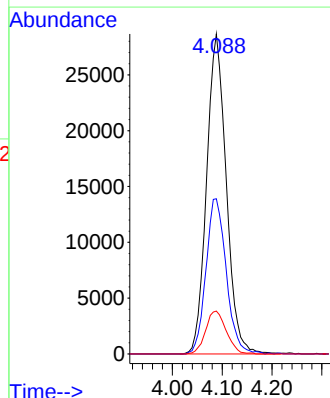
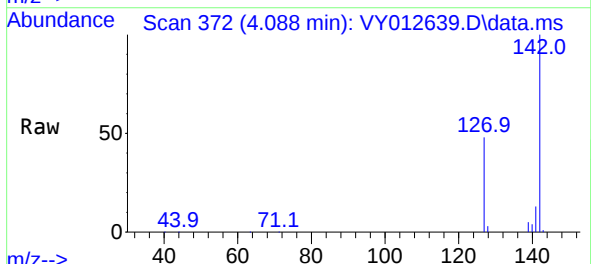
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

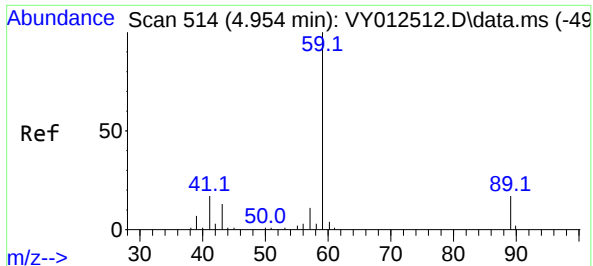
Tgt Ion:101 Resp: 62922
Ion Ratio Lower Upper
101 100
85 45.7 36.1 54.1
151 90.8 70.7 106.1



#10
Methyl Iodide
Concen: 48.218 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion:142 Resp: 78563
Ion Ratio Lower Upper
142 100
127 50.1 39.8 59.6
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 231.788 ug/l

RT: 4.948 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

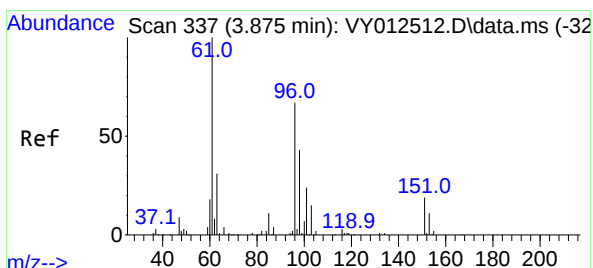
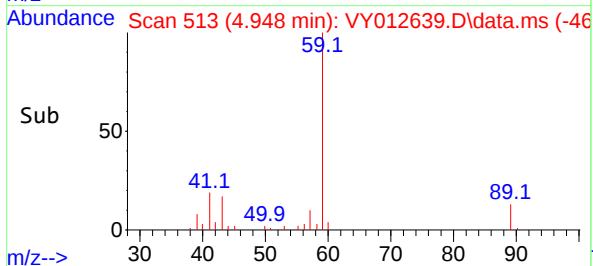
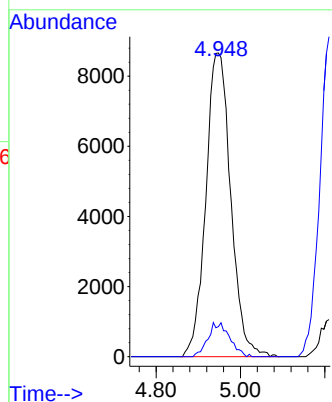
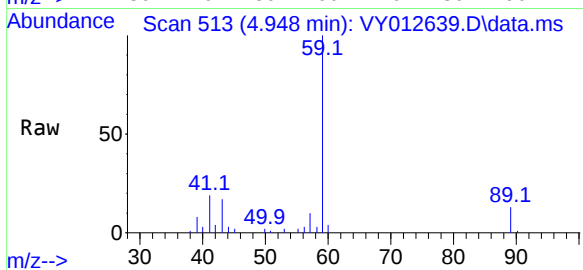
VSTDCCC050

Tgt Ion: 59 Resp: 35601

Ion Ratio Lower Upper

59 100

57 9.7 7.2 10.8



#12

1,1-Dichloroethene

Concen: 48.512 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

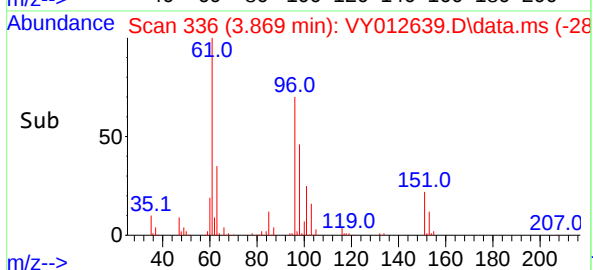
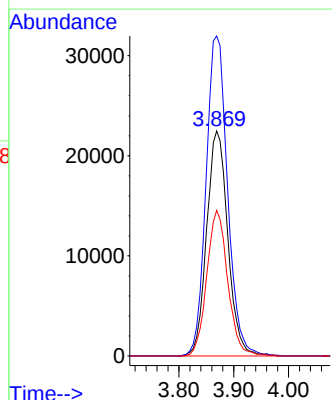
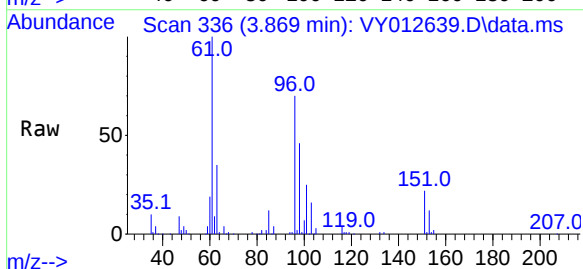
Tgt Ion: 96 Resp: 60244

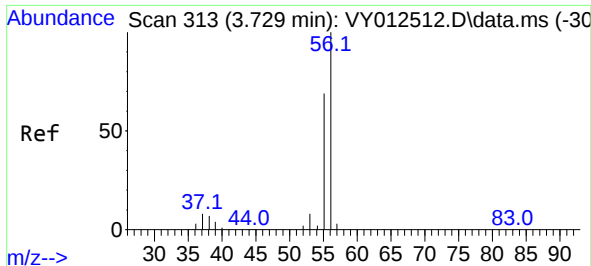
Ion Ratio Lower Upper

96 100

61 142.2 119.4 179.2

98 64.7 51.9 77.9

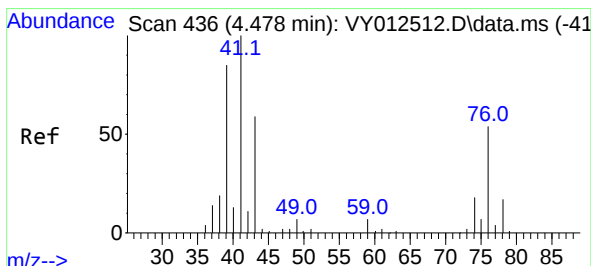
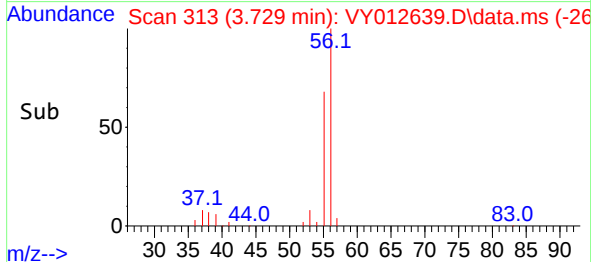
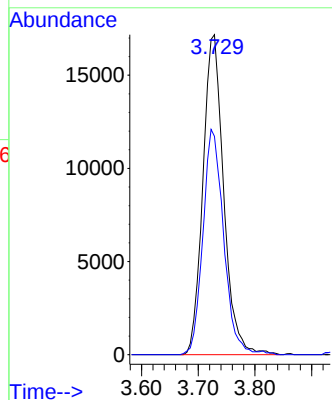
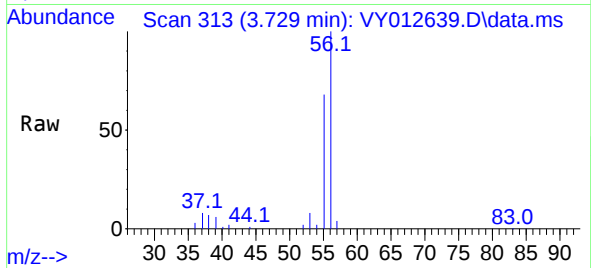




#13
Acrolein
Concen: 234.518 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

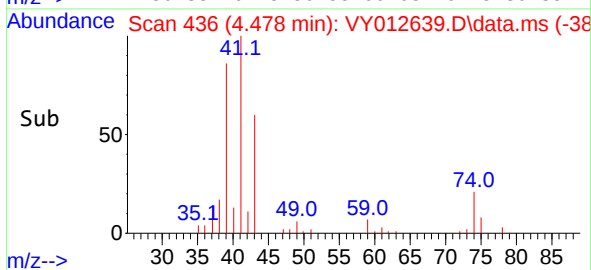
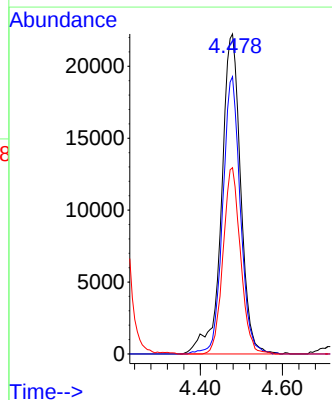
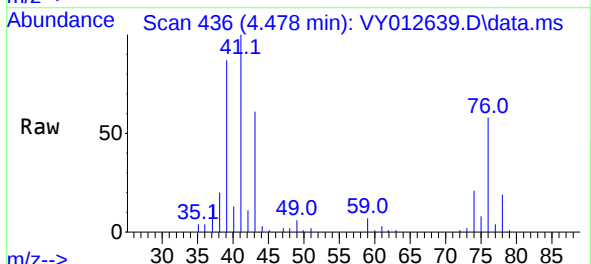
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

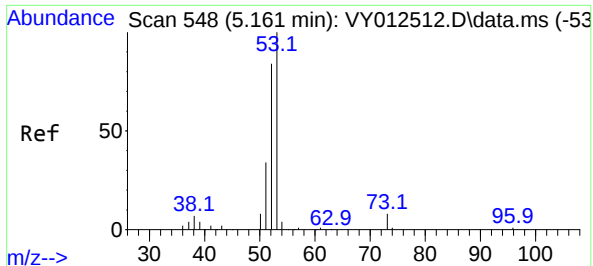
Tgt Ion: 56 Resp: 43733
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4



#14
Allyl chloride
Concen: 47.480 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 41 Resp: 71891
Ion Ratio Lower Upper
41 100
39 79.9 62.6 94.0
76 53.0 39.6 59.4





#15

Acrylonitrile

Concen: 254.088 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

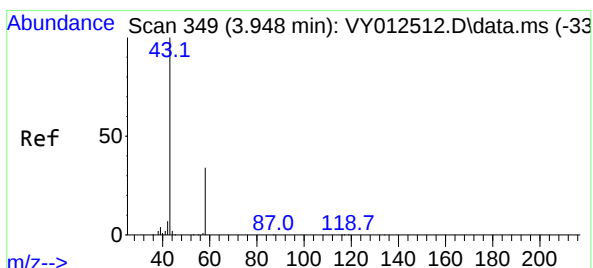
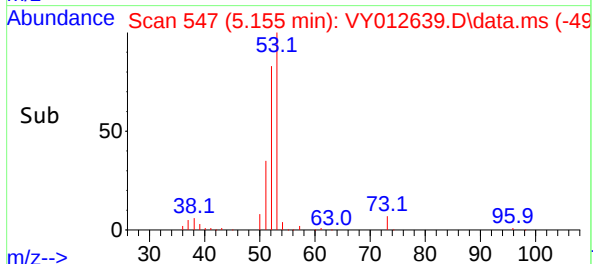
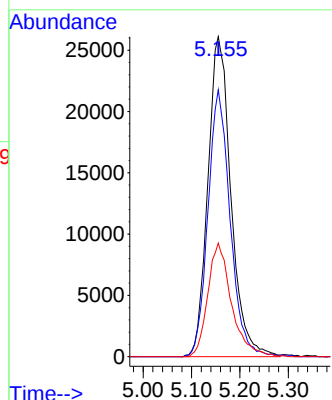
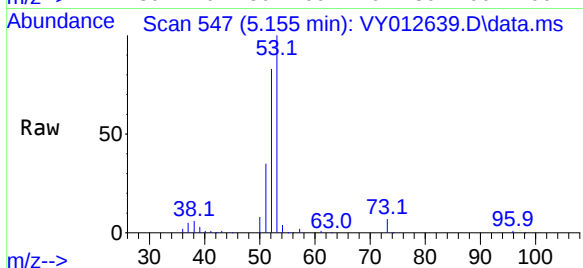
Tgt Ion: 53 Resp: 86513

Ion Ratio Lower Upper

53 100

52 80.4 65.0 97.4

51 36.4 28.7 43.1



#16

Acetone

Concen: 269.175 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012639.D

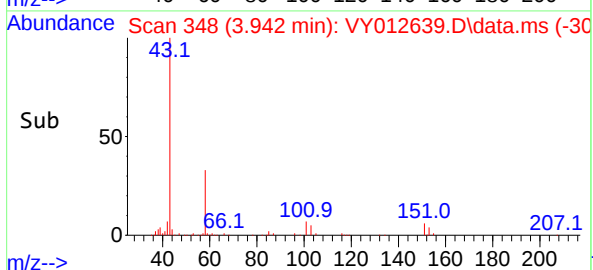
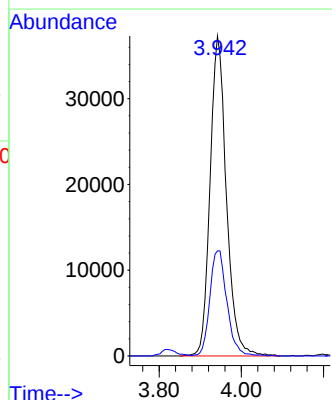
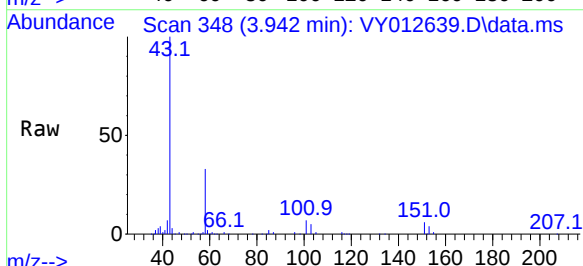
Acq: 17 Feb 2023 10:06

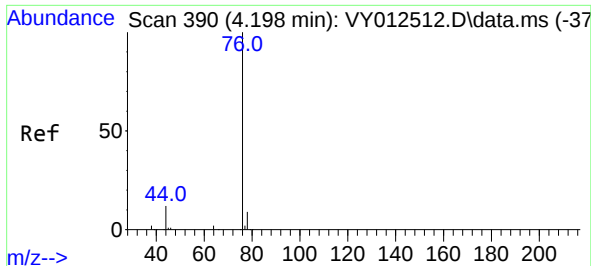
Tgt Ion: 43 Resp: 102768

Ion Ratio Lower Upper

43 100

58 32.8 27.1 40.7

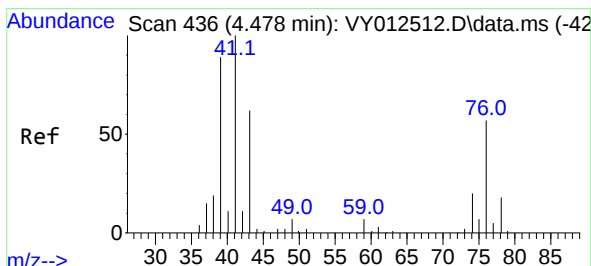
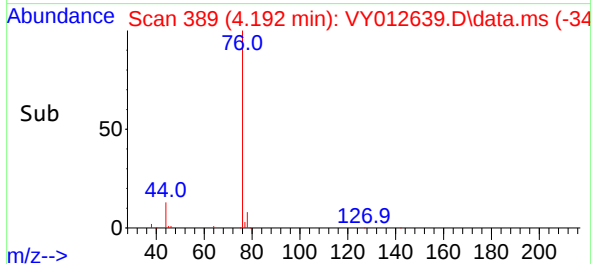
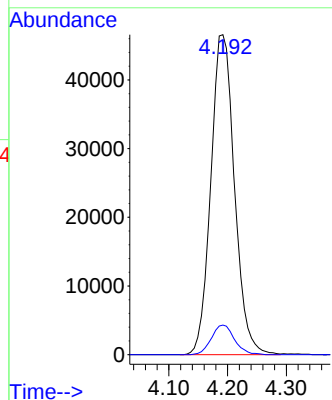
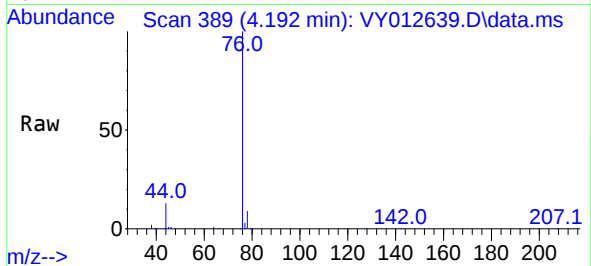




#17
Carbon Disulfide
Concen: 40.470 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

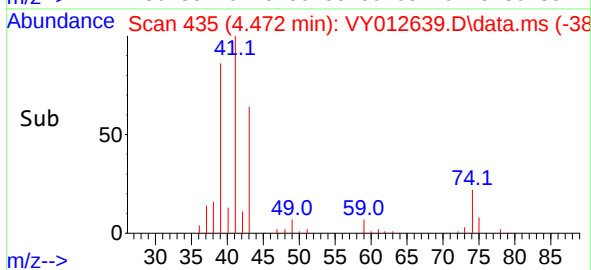
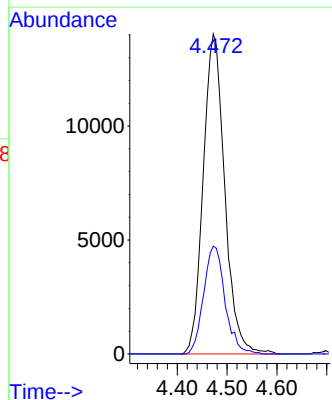
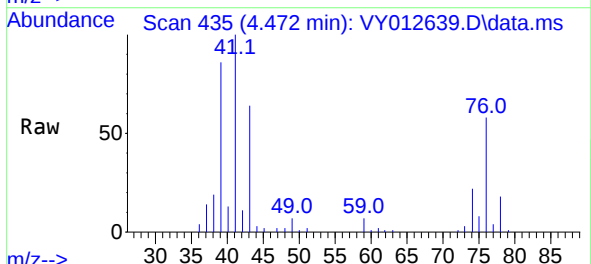
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

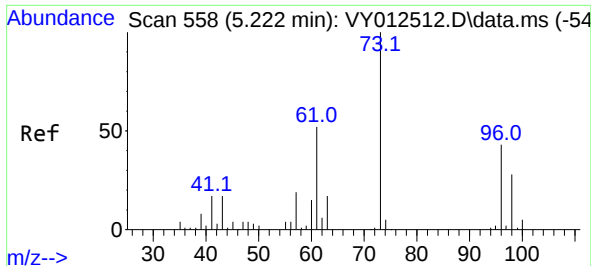
Tgt Ion: 76 Resp: 130356
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 45.852 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 43 Resp: 42077
Ion Ratio Lower Upper
43 100
74 33.5 25.6 38.4

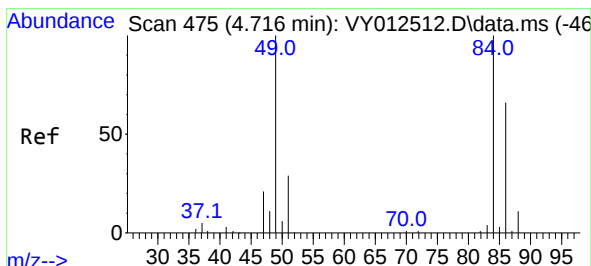
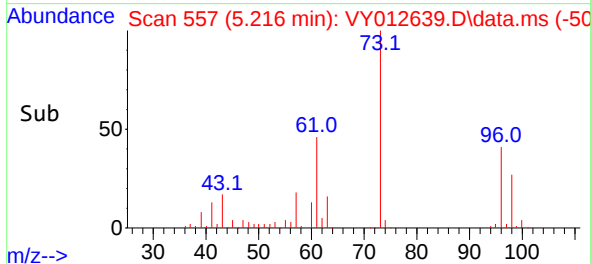
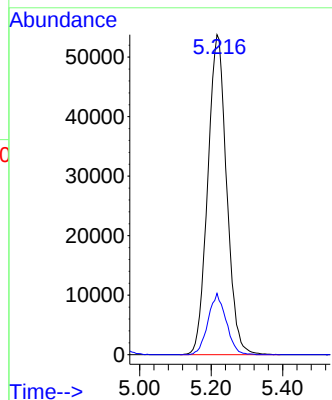
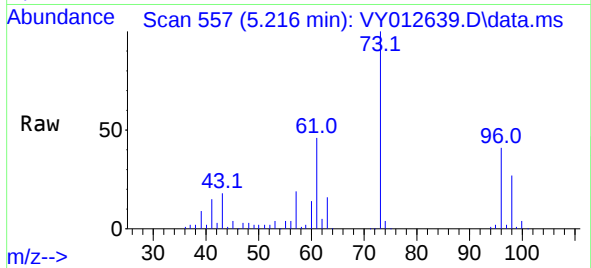




#19
Methyl tert-butyl Ether
Concen: 54.233 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

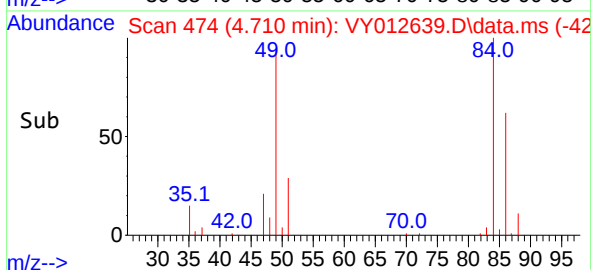
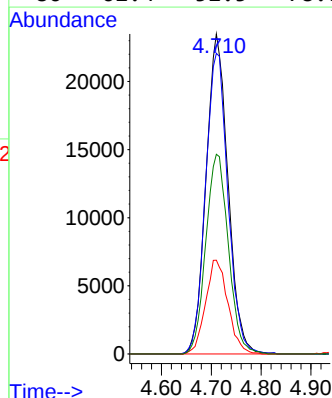
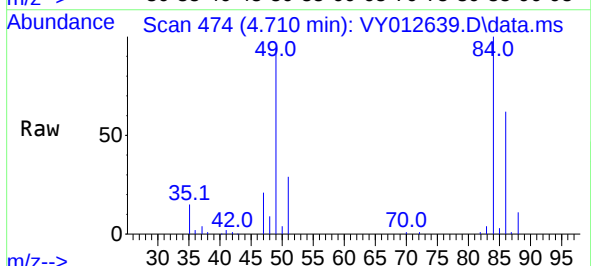
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

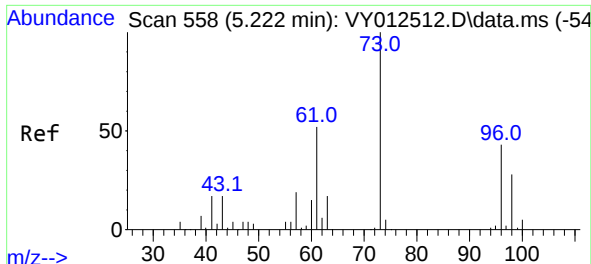
Tgt Ion: 73 Resp: 197074
Ion Ratio Lower Upper
73 100
57 19.1 15.3 22.9



#20
Methylene Chloride
Concen: 50.322 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 84 Resp: 71735
Ion Ratio Lower Upper
84 100
49 94.0 79.8 119.6
51 29.3 23.4 35.2
86 62.4 52.5 78.7

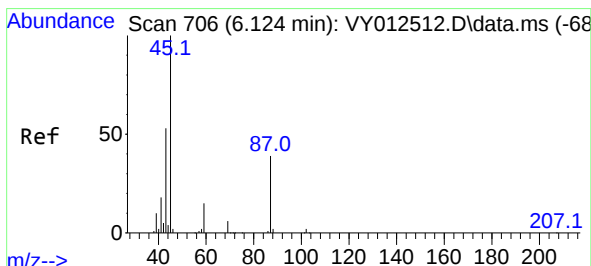
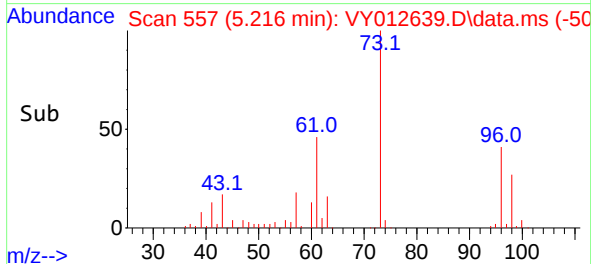
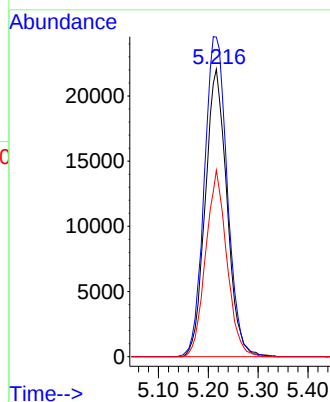
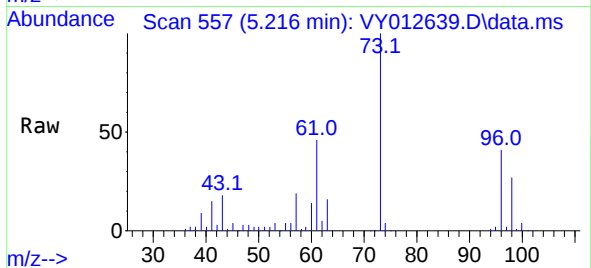




#21
trans-1,2-Dichloroethene
Concen: 49.251 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

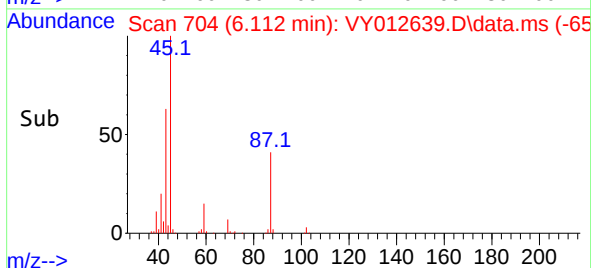
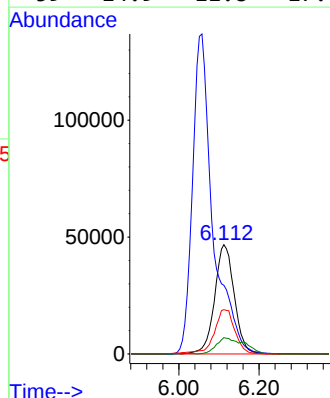
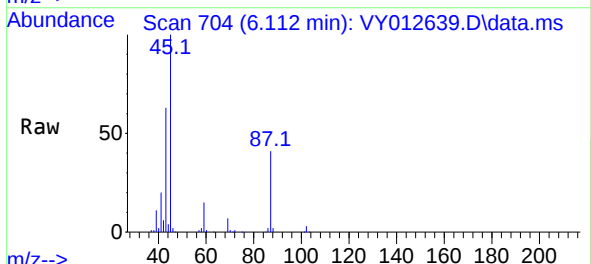
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

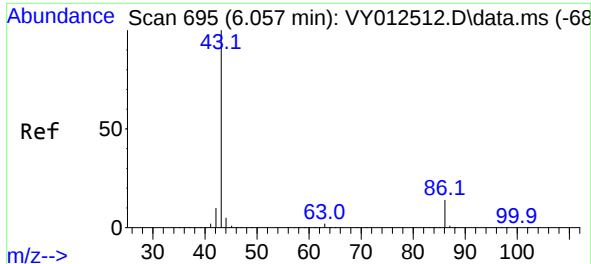
Tgt Ion: 96 Resp: 66703
Ion Ratio Lower Upper
96 100
61 111.1 96.2 144.4
98 64.8 51.6 77.4



#22
Diisopropyl ether
Concen: 51.526 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 45 Resp: 158637
Ion Ratio Lower Upper
45 100
43 62.4 45.9 68.9
87 40.6 32.2 48.4
59 14.9 11.8 17.8





#23

Vinyl Acetate

Concen: 259.618 ug/l

RT: 6.057 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

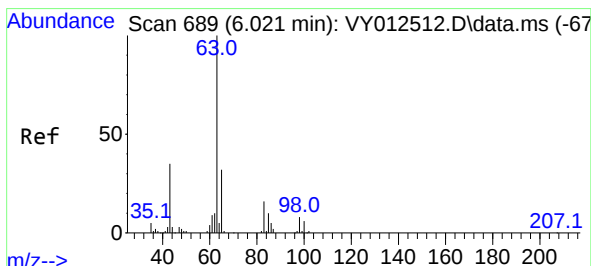
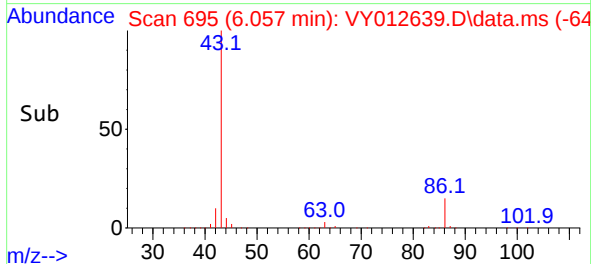
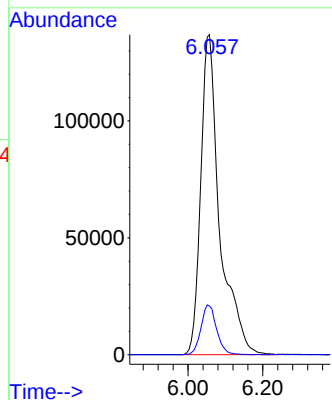
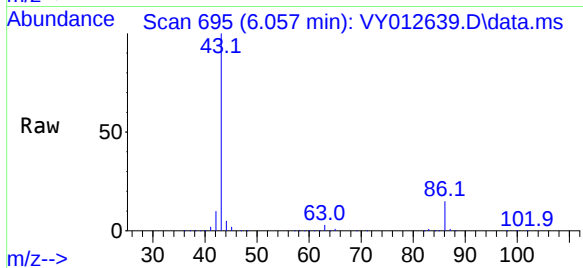
VSTDCCC050

Tgt Ion: 43 Resp: 481858

Ion Ratio Lower Upper

43 100

86 15.2 11.5 17.3



#24

1,1-Dichloroethane

Concen: 50.192 ug/l

RT: 6.015 min Scan# 688

Delta R.T. -0.006 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

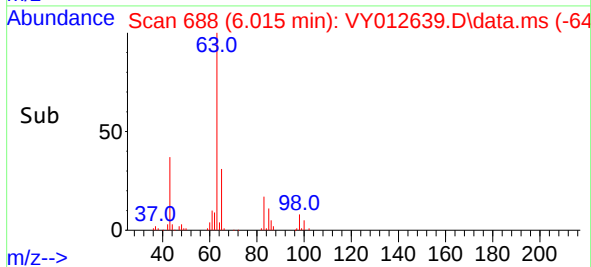
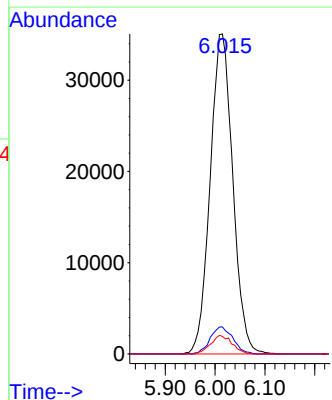
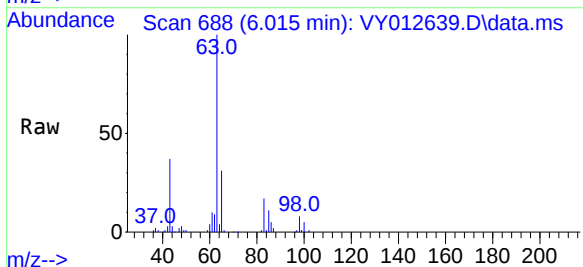
Tgt Ion: 63 Resp: 110470

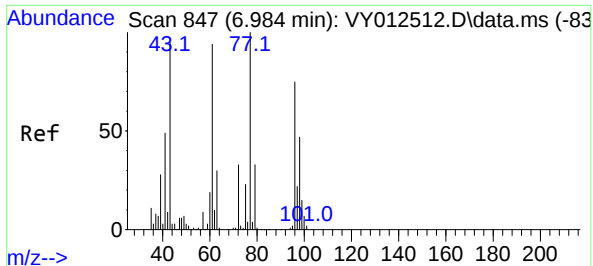
Ion Ratio Lower Upper

63 100

98 8.5 4.1 12.3

100 5.5 2.9 8.8





#25

2-Butanone

Concen: 250.816 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

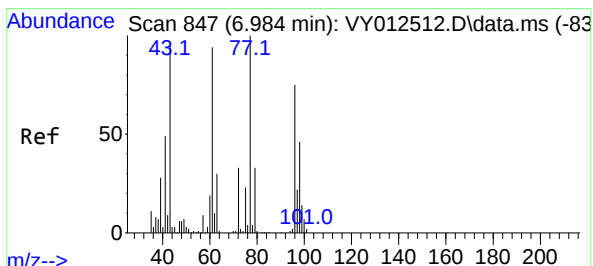
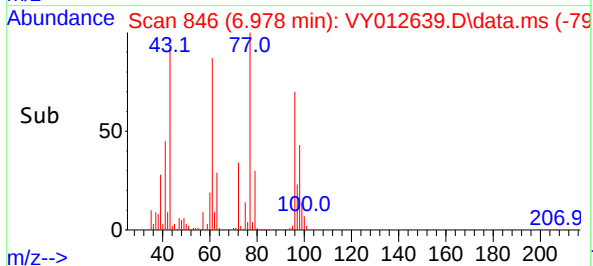
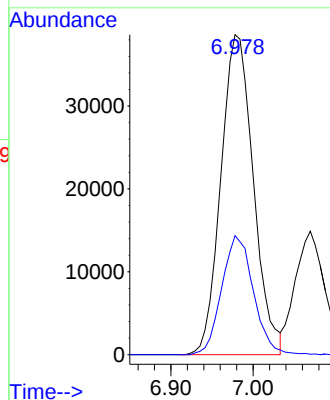
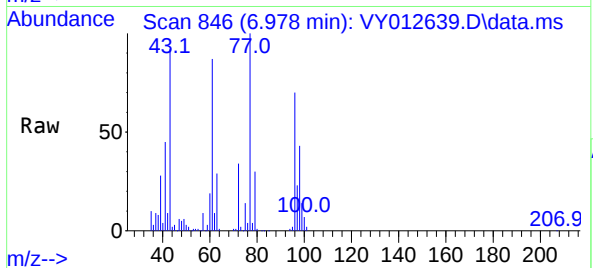
VSTDCCC050

Tgt Ion: 43 Resp: 106245

Ion Ratio Lower Upper

43 100

72 37.2 27.4 41.2



#26

2,2-Dichloropropane

Concen: 52.403 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012639.D

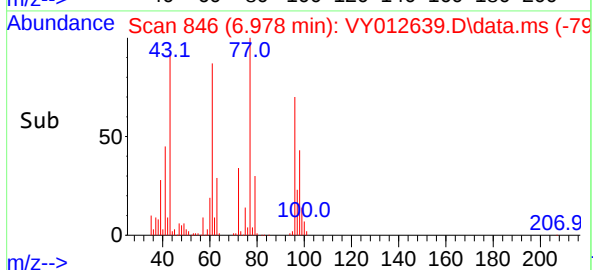
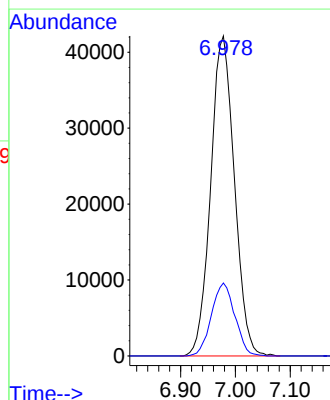
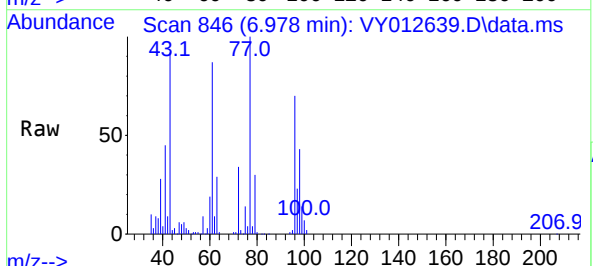
Acq: 17 Feb 2023 10:06

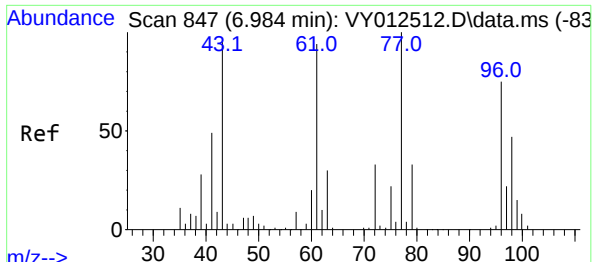
Tgt Ion: 77 Resp: 126719

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1

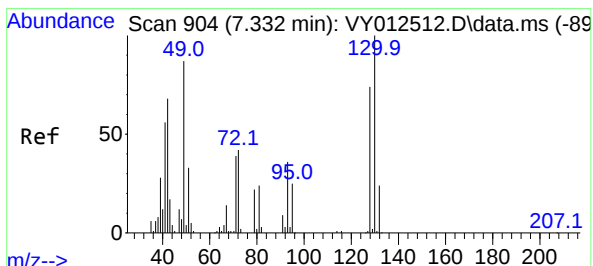
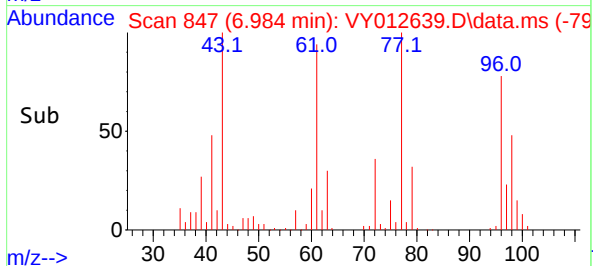
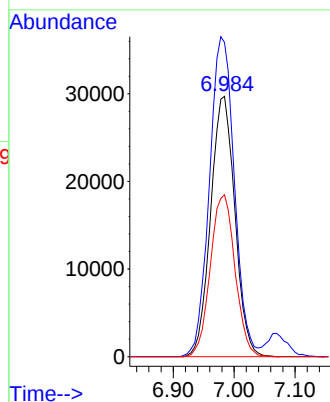
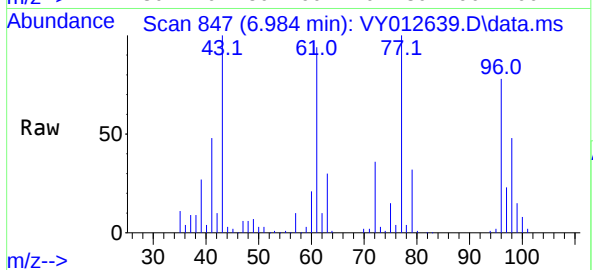




#27
cis-1,2-Dichloroethene
Concen: 52.248 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

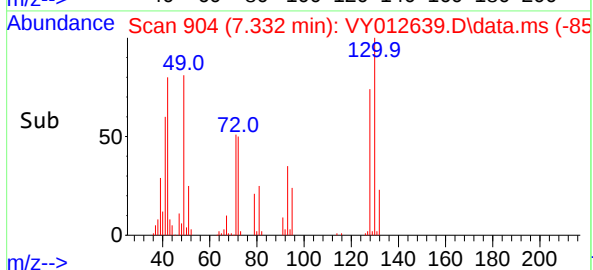
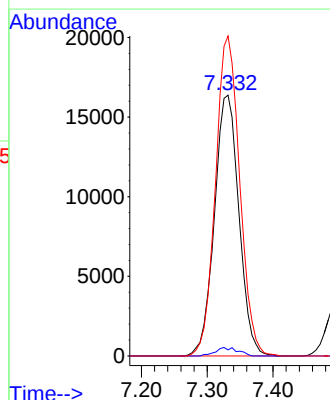
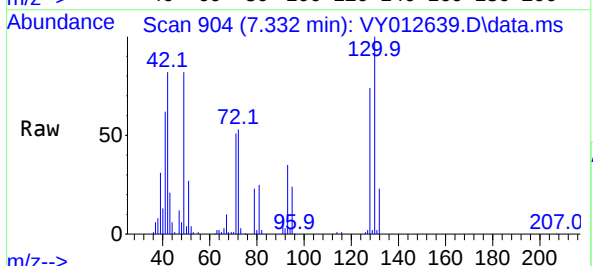
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

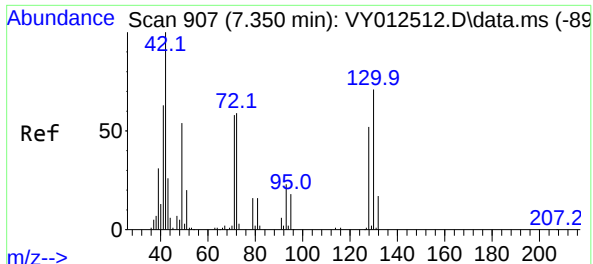
Tgt Ion: 96 Resp: 82119
Ion Ratio Lower Upper
96 100
61 126.5 0.0 259.2
98 63.4 0.0 129.0



#28
Bromochloromethane
Concen: 53.084 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 49 Resp: 42470
Ion Ratio Lower Upper
49 100
129 3.0 0.0 6.0
130 121.2 93.1 139.7

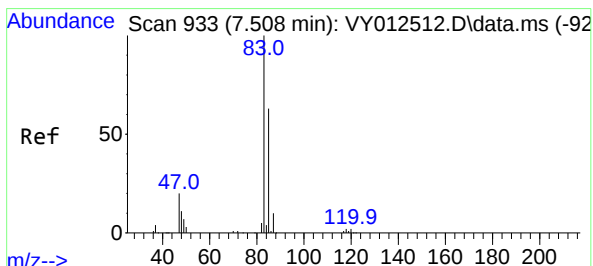
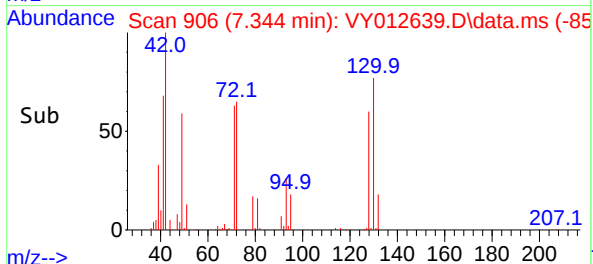
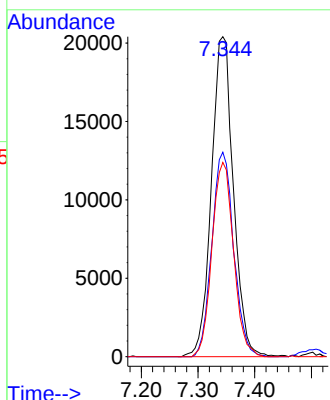
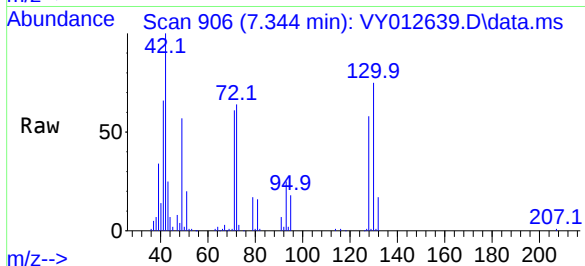




#29
Tetrahydrofuran
Concen: 239.830 ug/l
RT: 7.344 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

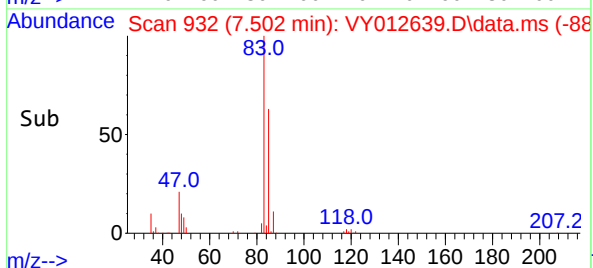
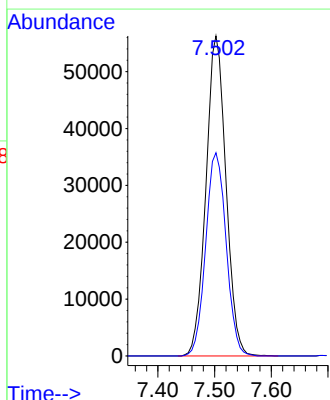
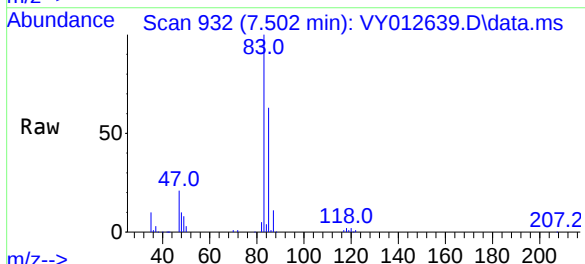
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

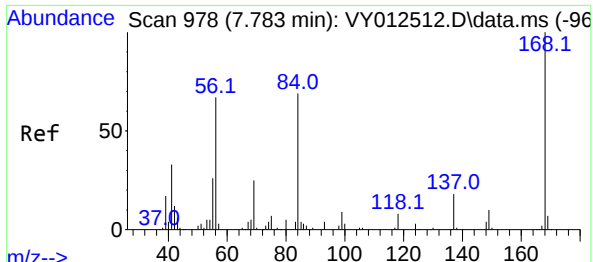
Tgt Ion:	42	Resp:	54922
Ion	Ratio	Lower	Upper
42	100		
72	63.5	47.0	70.6
71	59.5	44.6	66.8



#30
Chloroform
Concen: 52.005 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion:	83	Resp:	138000
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.8	76.2

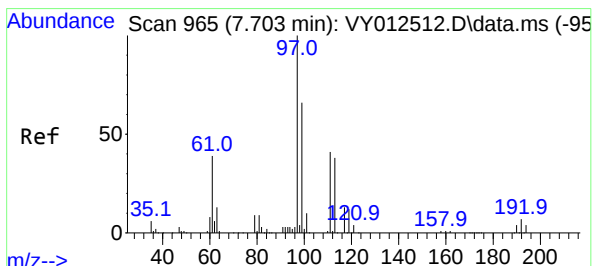
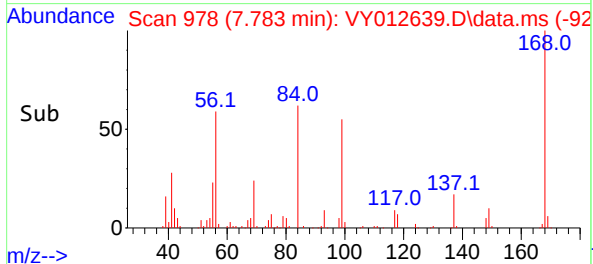
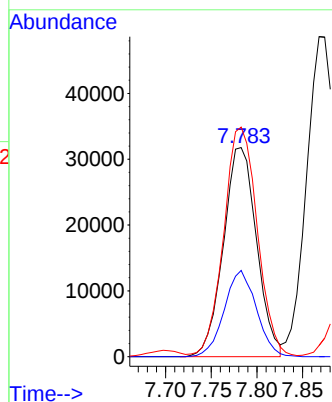
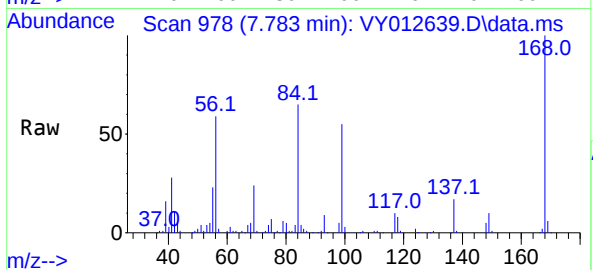




#31
Cyclohexane
Concen: 43.853 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

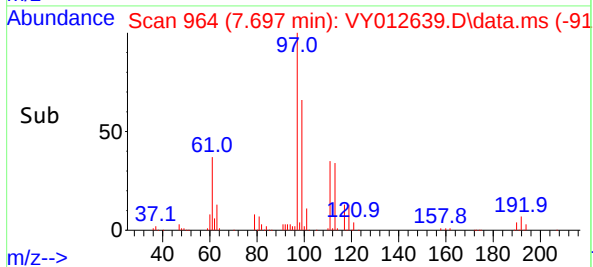
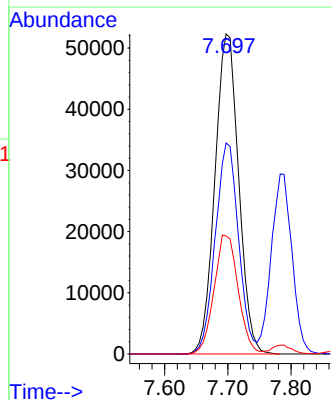
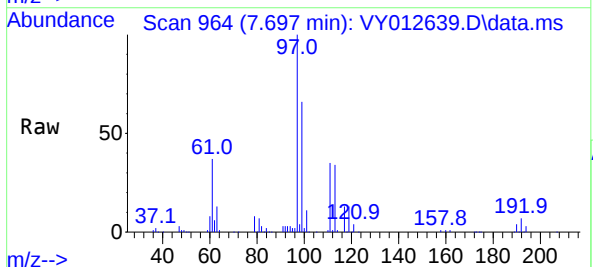
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

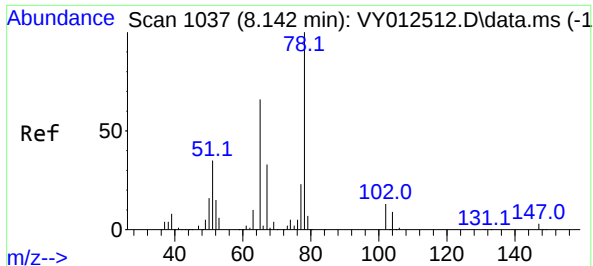
Tgt Ion: 56 Resp: 80426
Ion Ratio Lower Upper
56 100
69 41.2 29.5 44.3
84 108.1 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 52.851 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 97 Resp: 136091
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 37.7 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 51.336 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

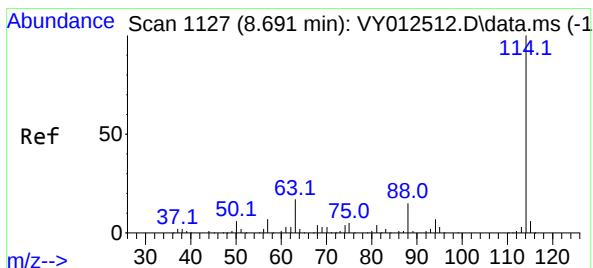
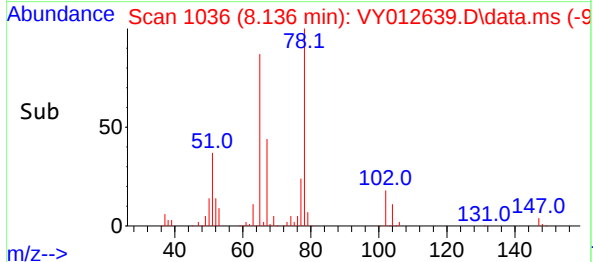
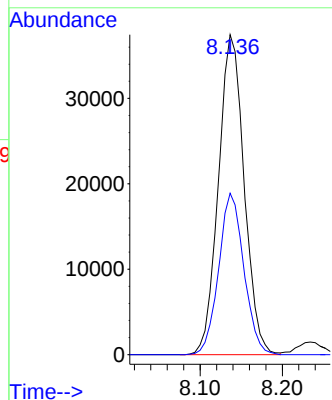
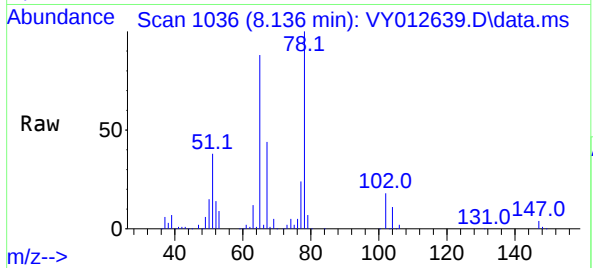
VSTDCCC050

Tgt Ion: 65 Resp: 81432

Ion Ratio Lower Upper

65 100

67 49.4 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

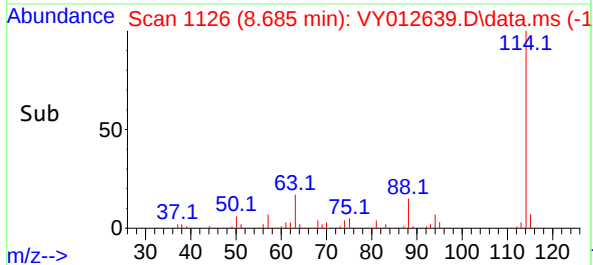
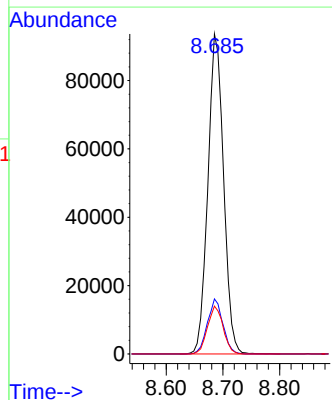
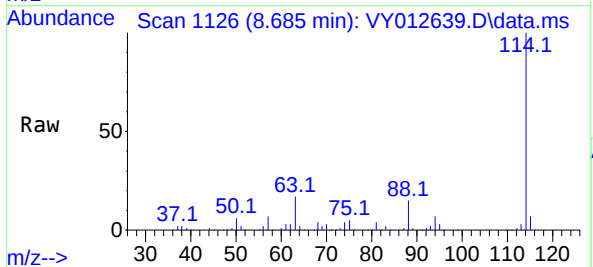
Tgt Ion: 114 Resp: 180108

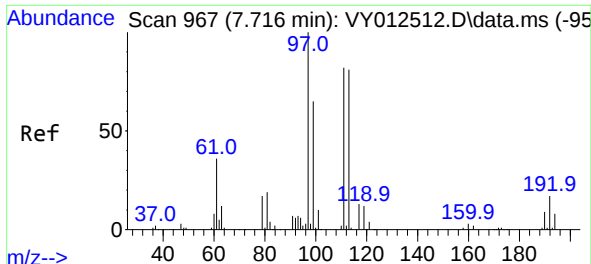
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.6

88 15.0 0.0 29.8

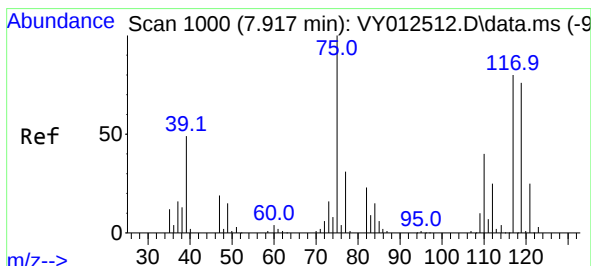
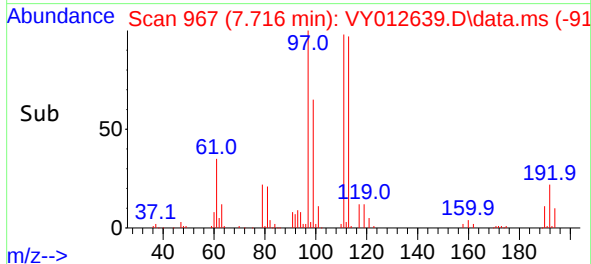
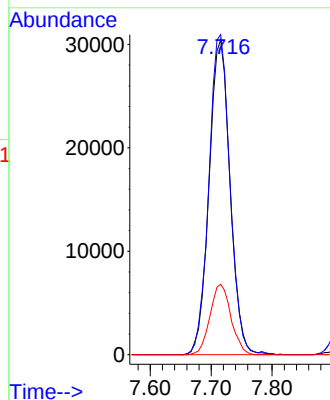
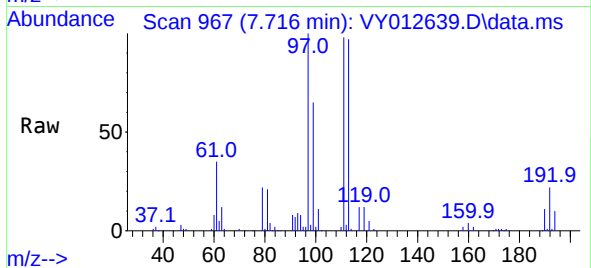




#35
Dibromofluoromethane
Concen: 55.458 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

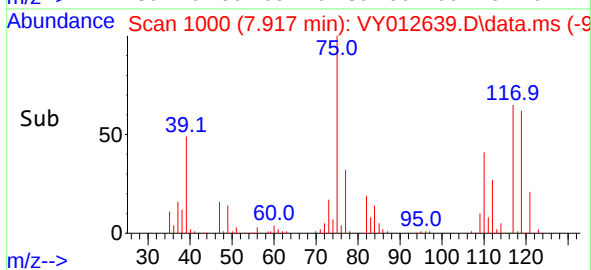
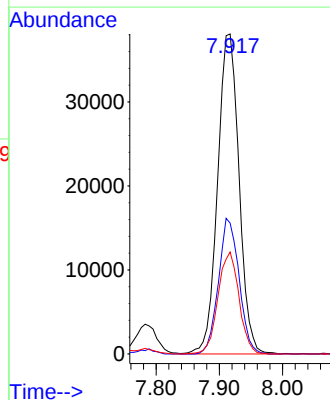
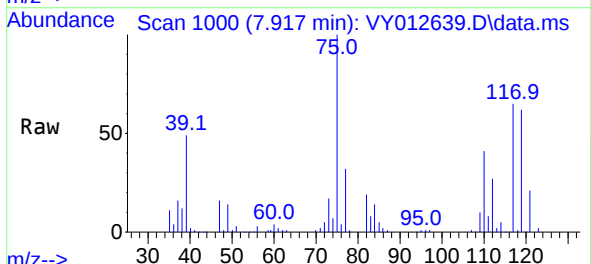
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

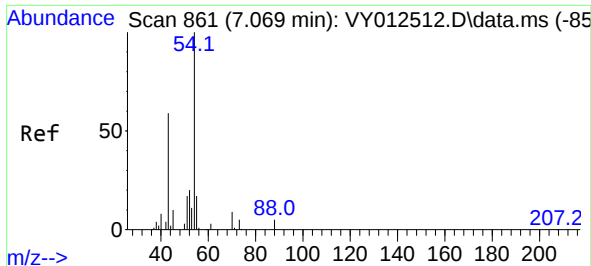
Tgt Ion:113 Resp: 72741
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 22.4 17.5 26.3



#36
1,1-Dichloropropene
Concen: 50.397 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 75 Resp: 89465
Ion Ratio Lower Upper
75 100
110 40.7 19.5 58.5
77 31.3 24.9 37.3

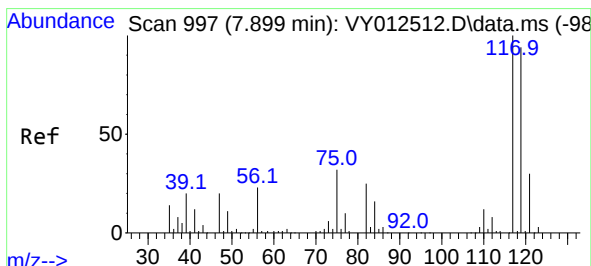
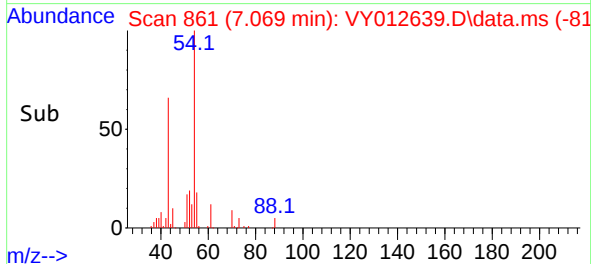
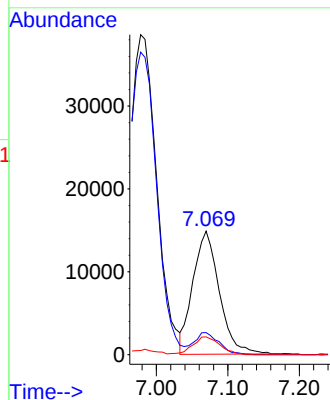
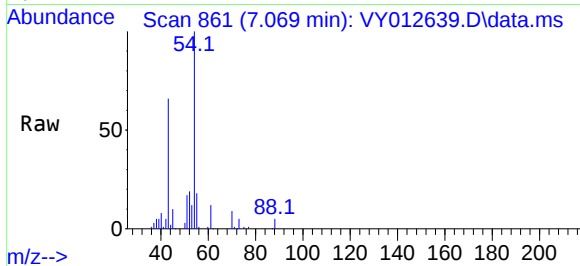




#37
Ethyl Acetate
Concen: 47.484 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

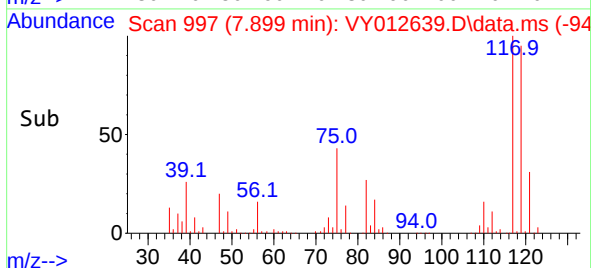
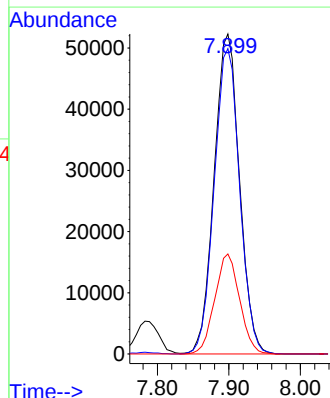
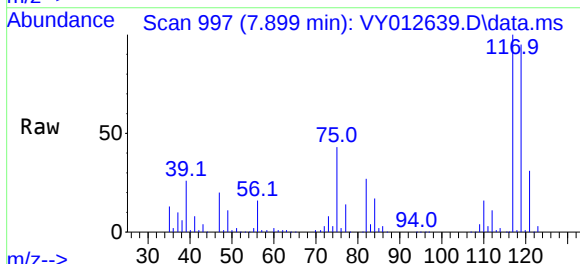
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

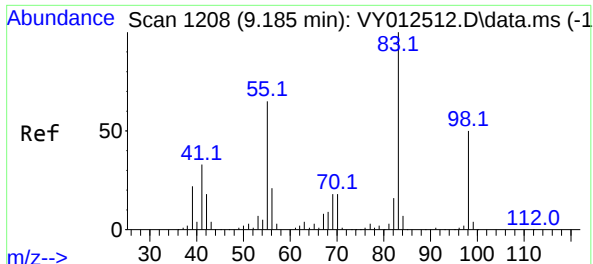
Tgt Ion: 43 Resp: 38036
Ion Ratio Lower Upper
43 100
61 17.0 12.5 18.7
70 14.9 11.0 16.4



#38
Carbon Tetrachloride
Concen: 54.072 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 117 Resp: 128852
Ion Ratio Lower Upper
117 100
119 95.4 75.1 112.7
121 31.2 24.3 36.5





#39

Methylcyclohexane

Concen: 49.296 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

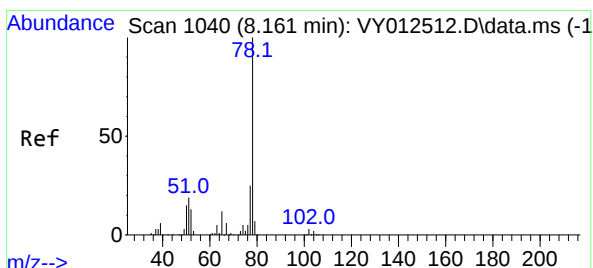
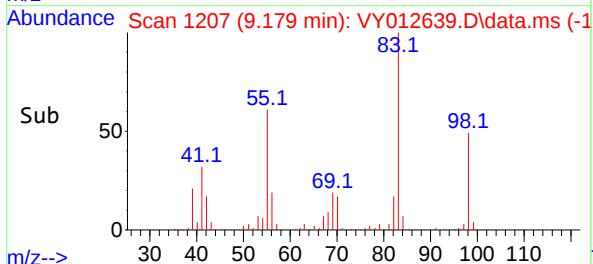
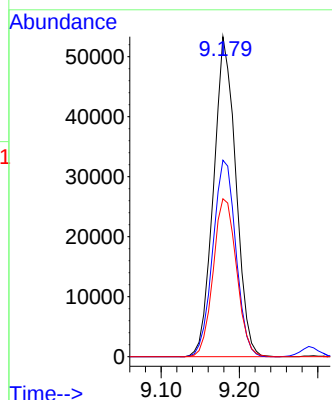
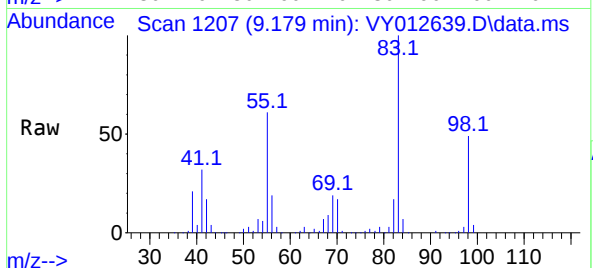
Tgt Ion: 83 Resp: 105302

Ion Ratio Lower Upper

83 100

55 61.4 52.0 78.0

98 49.4 40.4 60.6



#40

Benzene

Concen: 51.391 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY012639.D

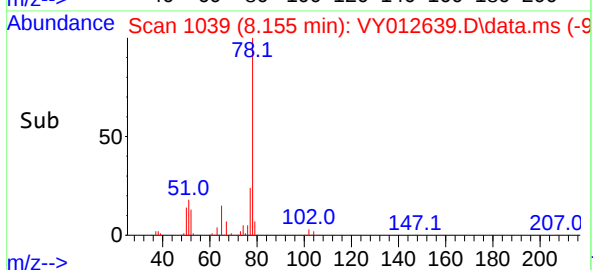
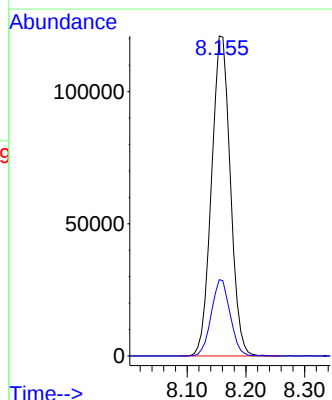
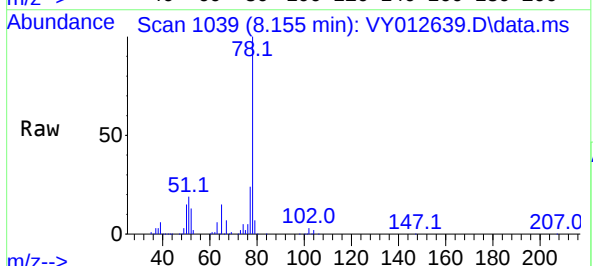
Acq: 17 Feb 2023 10:06

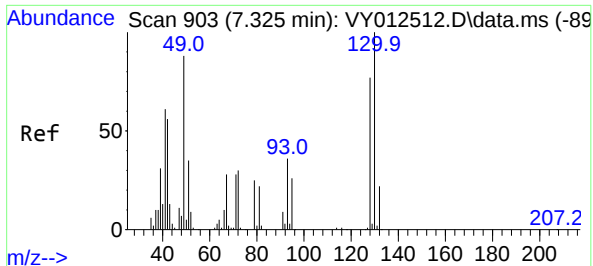
Tgt Ion: 78 Resp: 269454

Ion Ratio Lower Upper

78 100

77 23.8 19.9 29.9

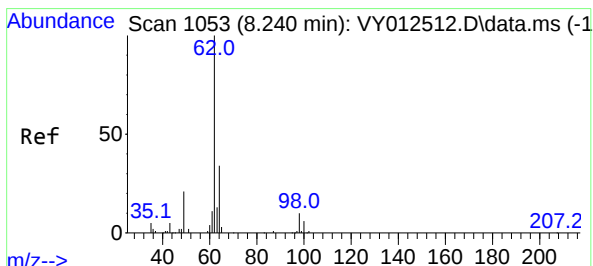
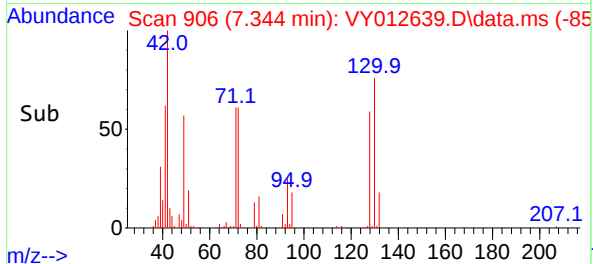
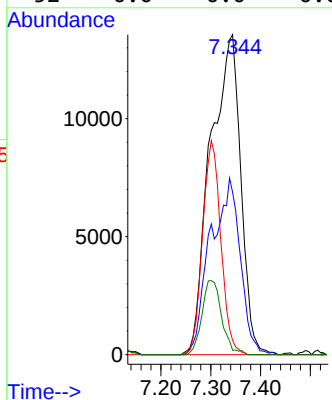
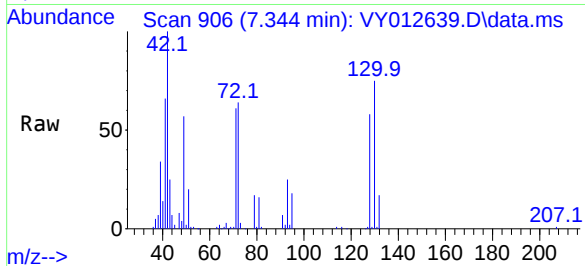




#41
Methacrylonitrile
Concen: 130.629 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

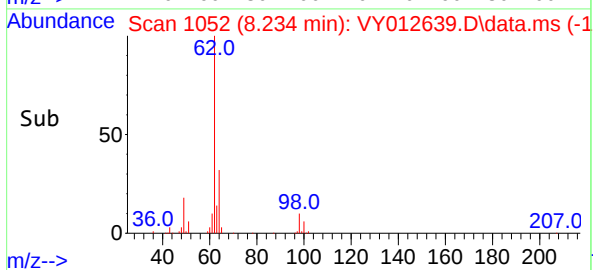
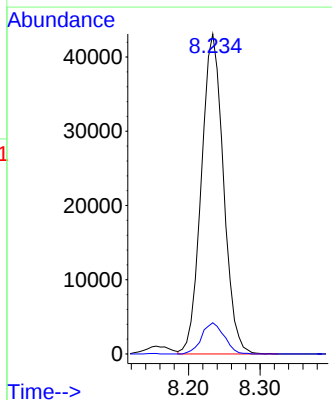
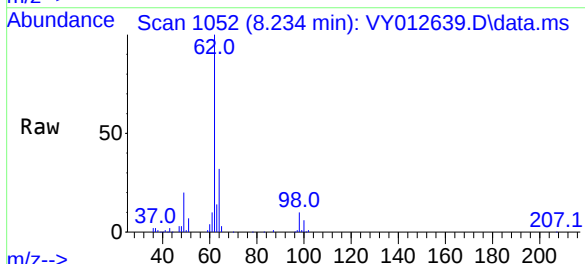
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

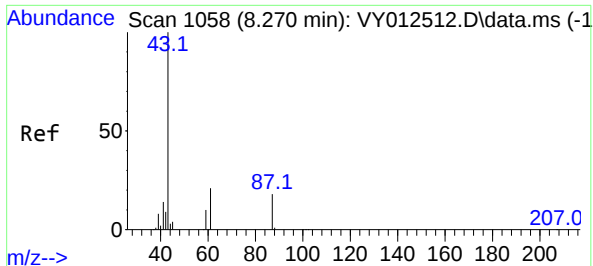
Tgt Ion: 41 Resp: 57326
Ion Ratio Lower Upper
41 100
39 34.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.485 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 62 Resp: 92594
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.2

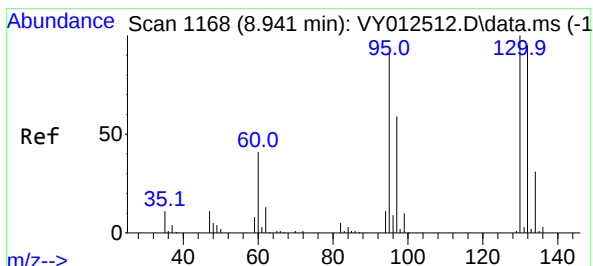
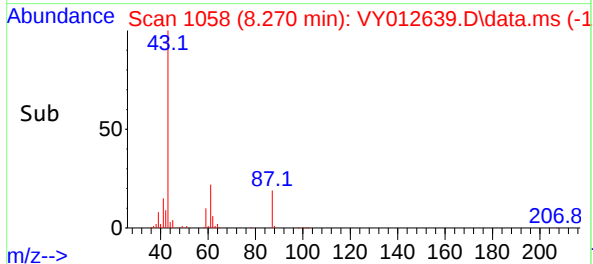
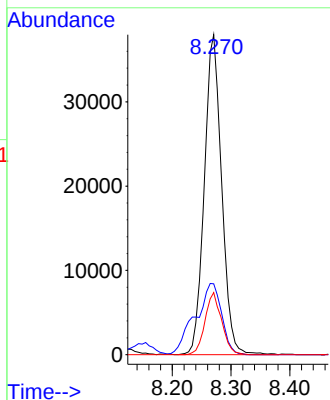
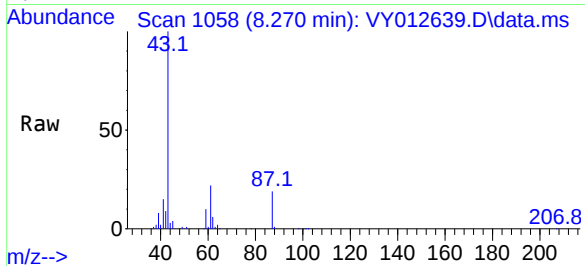




#43
Isopropyl Acetate
Concen: 52.501 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

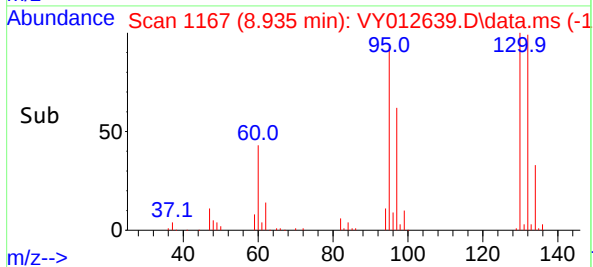
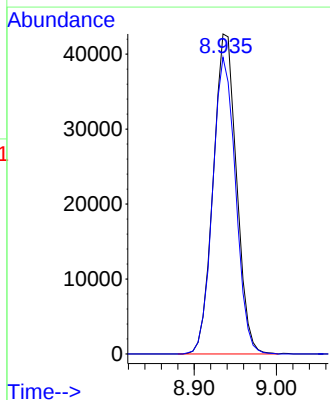
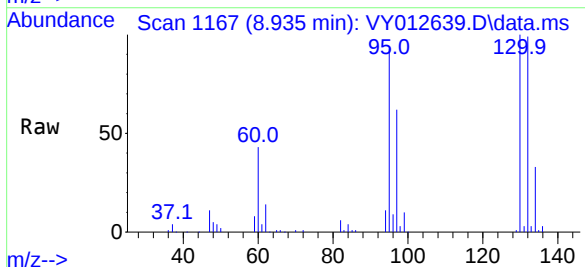
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

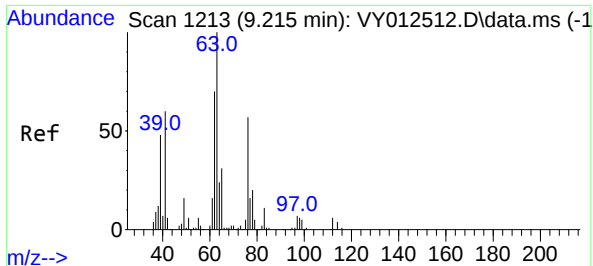
Tgt Ion: 43 Resp: 77973
Ion Ratio Lower Upper
43 100
61 33.9 27.2 40.8
87 18.7 15.0 22.4



#44
Trichloroethene
Concen: 52.628 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion:130 Resp: 83999
Ion Ratio Lower Upper
130 100
95 92.7 0.0 181.2





#45

1,2-Dichloropropane

Concen: 51.720 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

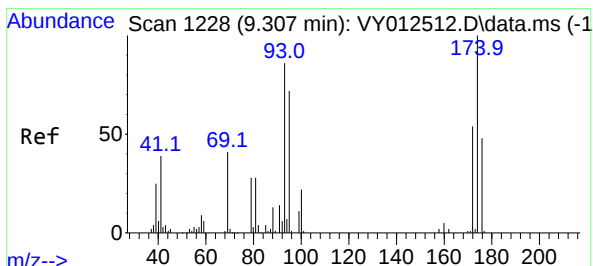
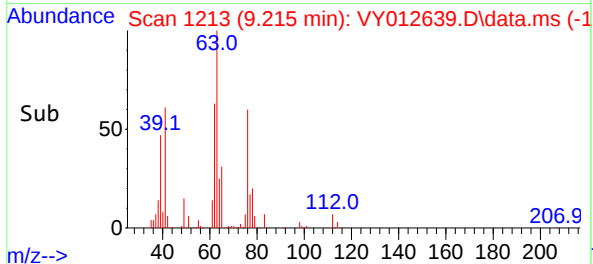
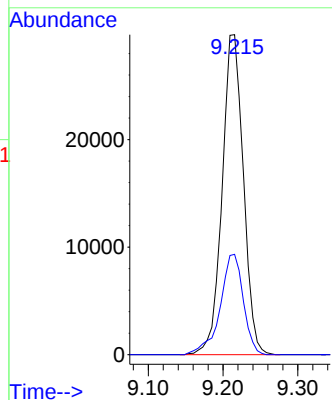
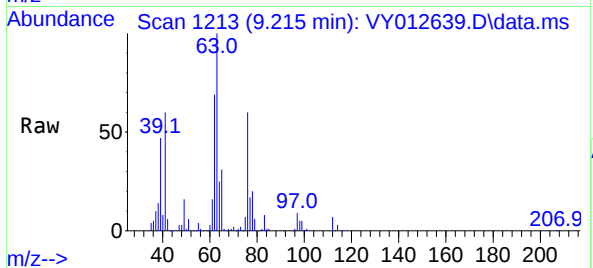
VSTDCCC050

Tgt Ion: 63 Resp: 58801

Ion Ratio Lower Upper

63 100

65 31.3 24.6 37.0



#46

Dibromomethane

Concen: 52.731 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

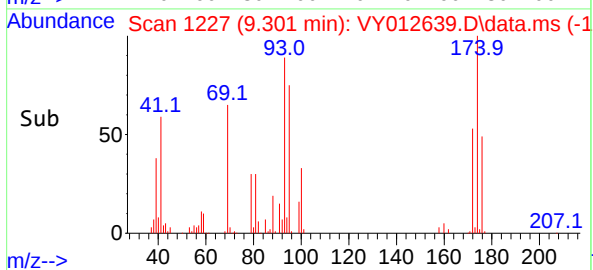
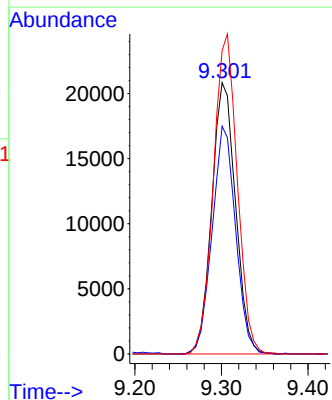
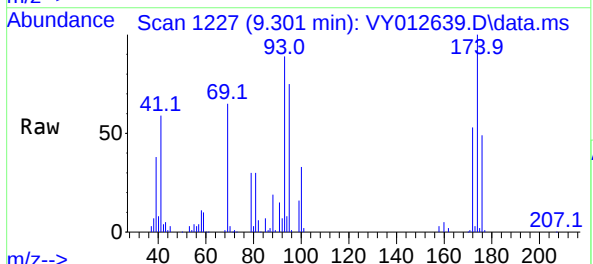
Tgt Ion: 93 Resp: 39696

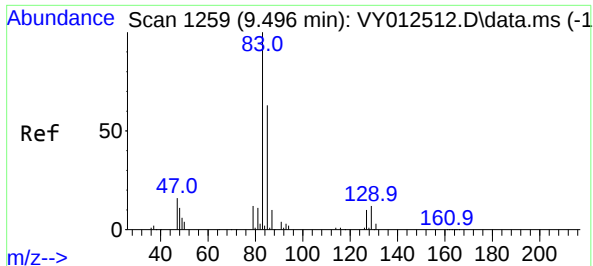
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 118.2 93.4 140.2

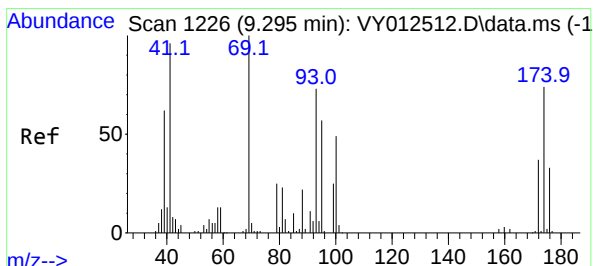
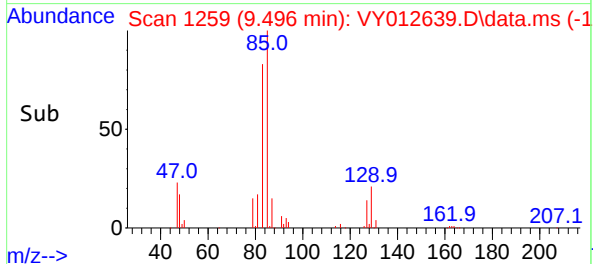
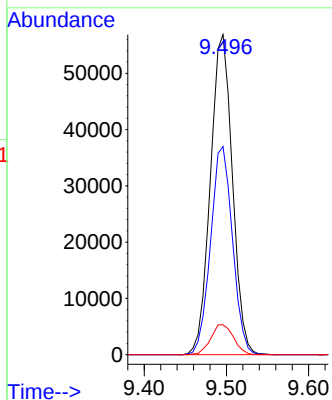
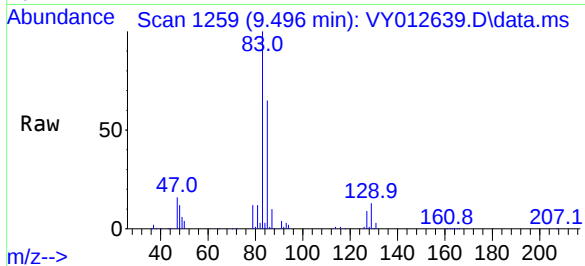




#47
Bromodichloromethane
Concen: 54.190 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

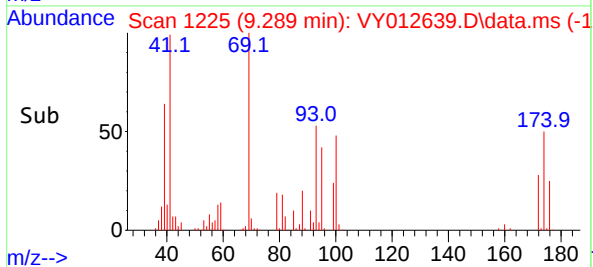
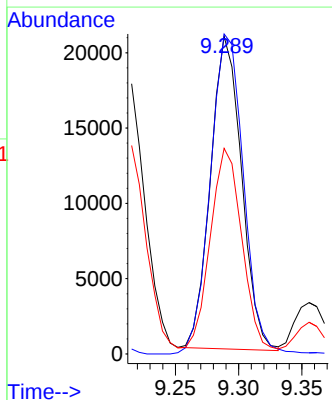
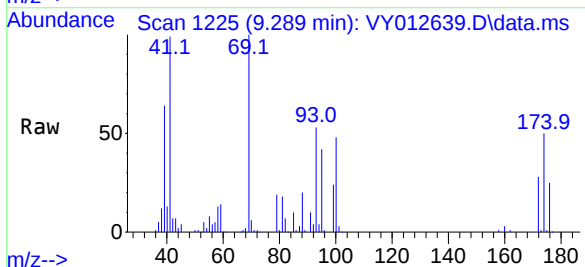
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

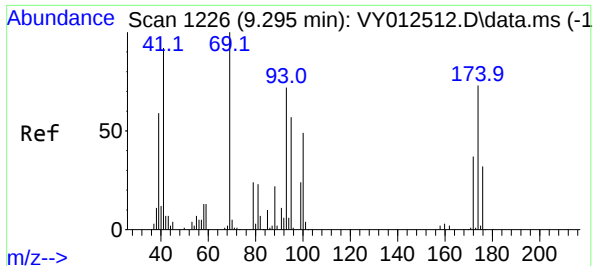
Tgt Ion: 83 Resp: 105773
Ion Ratio Lower Upper
83 100
85 65.0 50.7 76.1
127 9.4 8.1 12.1



#48
Methyl methacrylate
Concen: 52.215 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 41 Resp: 35447
Ion Ratio Lower Upper
41 100
69 109.5 85.4 128.2
39 68.7 52.7 79.1

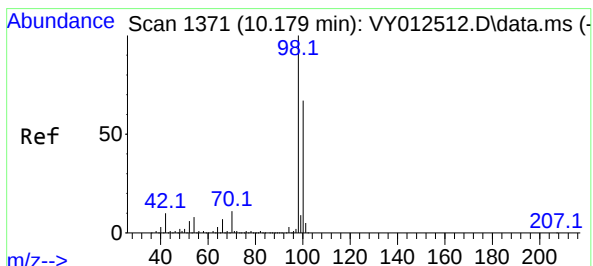
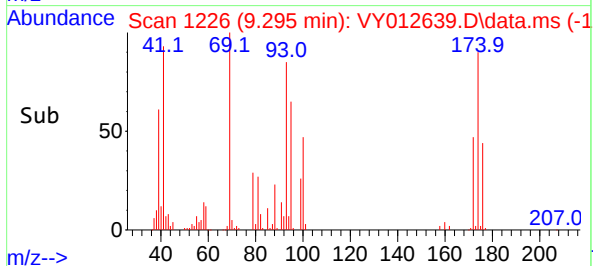
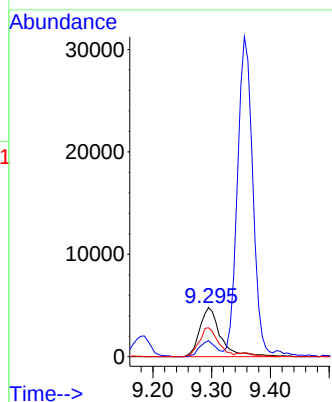
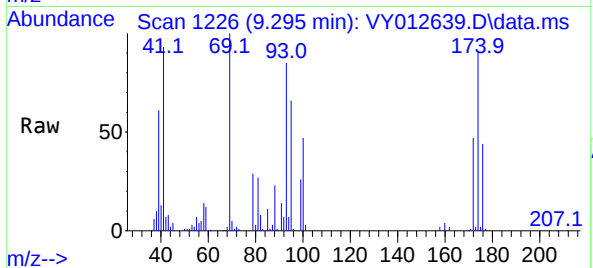




#49
1,4-Dioxane
Concen: 1139.334 ug/l
RT: 9.295 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

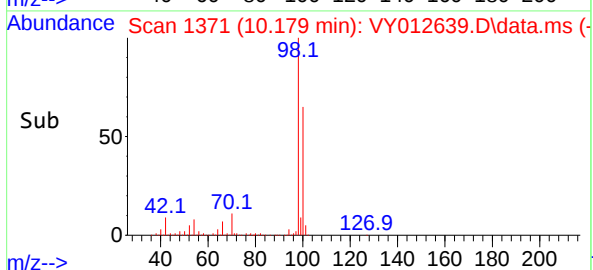
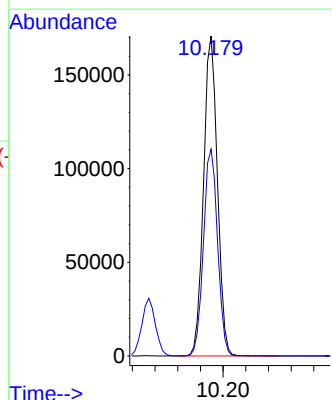
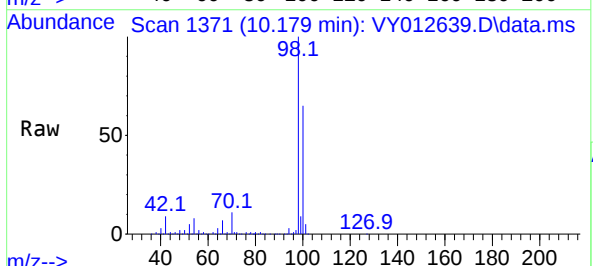
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

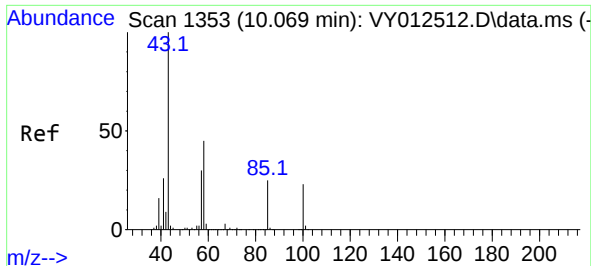
Tgt Ion: 88 Resp: 11840
Ion Ratio Lower Upper
88 100
43 26.2 22.6 33.8
58 53.4 45.4 68.0



#50
Toluene-d8
Concen: 53.094 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 98 Resp: 289864
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2

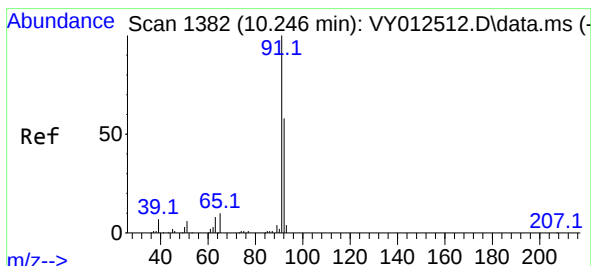
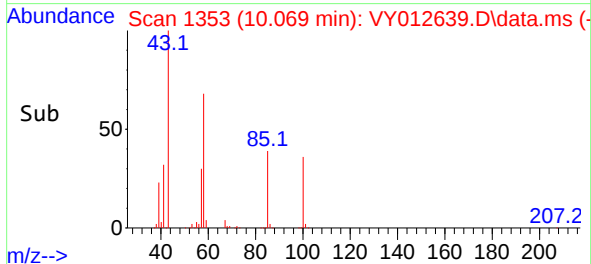
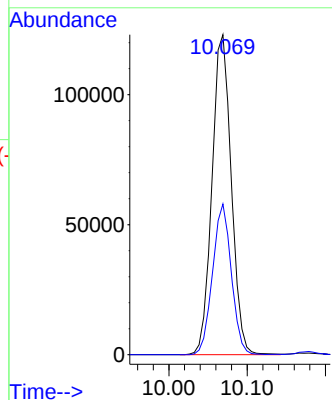
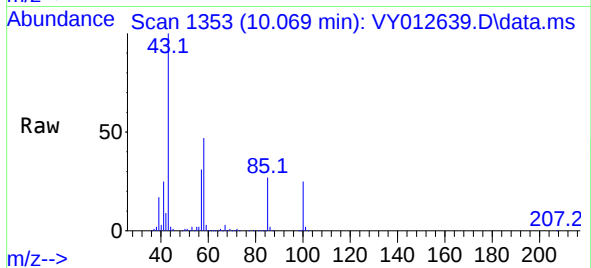




#51
4-Methyl-2-Pentanone
Concen: 262.402 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

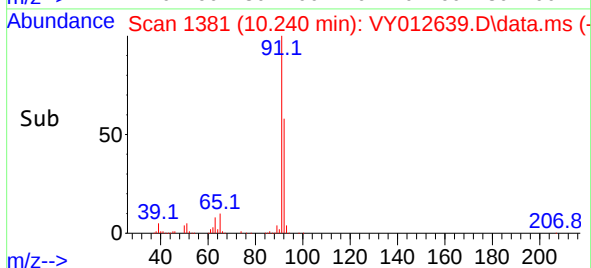
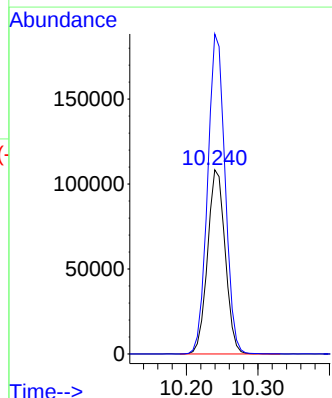
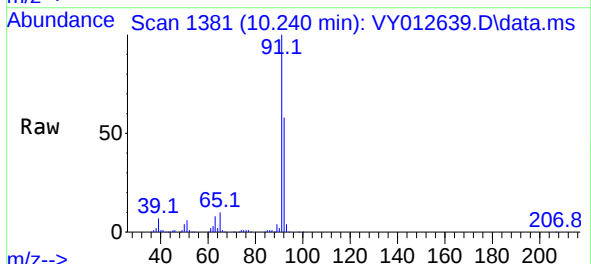
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

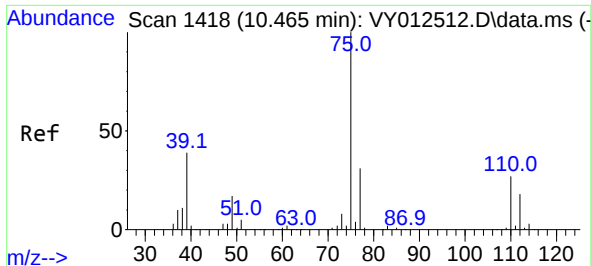
Tgt Ion: 43 Resp: 210261
Ion Ratio Lower Upper
43 100
58 45.9 36.2 54.2



#52
Toluene
Concen: 52.214 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 92 Resp: 185653
Ion Ratio Lower Upper
92 100
91 171.5 137.2 205.8

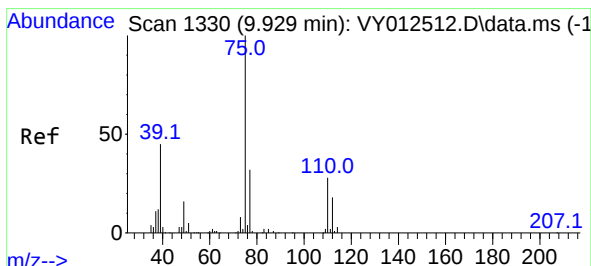
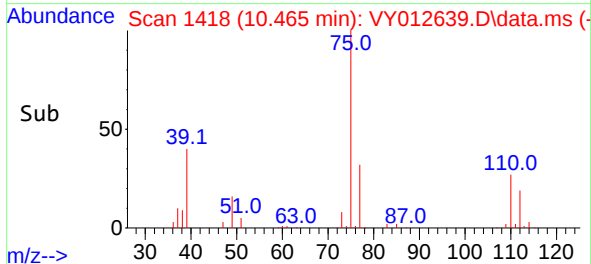
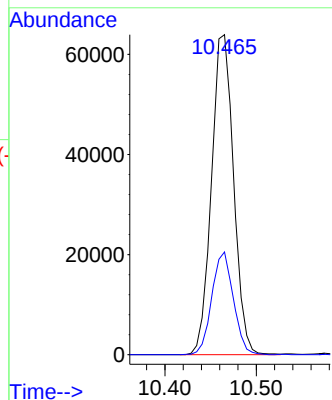
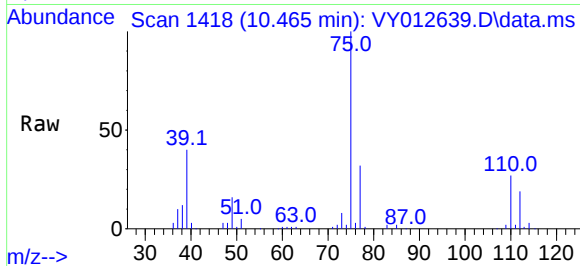




#53
t-1,3-Dichloropropene
Concen: 54.596 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

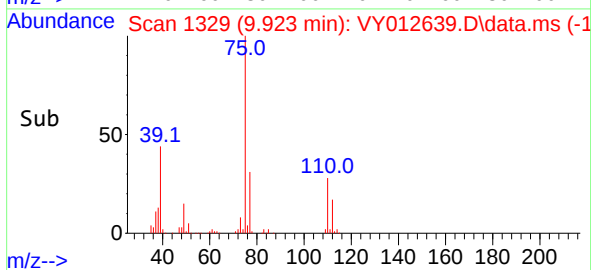
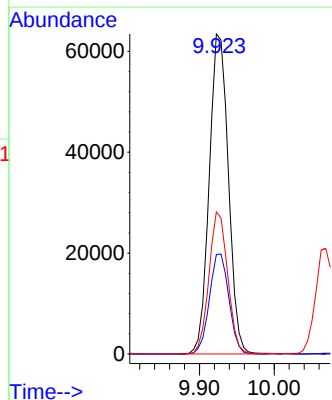
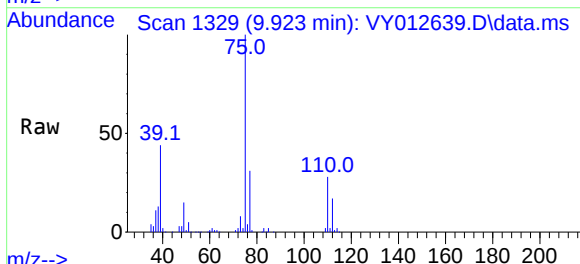
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

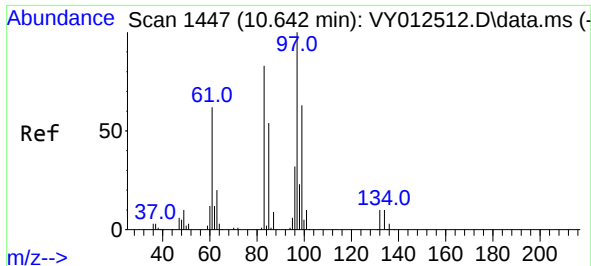
Tgt Ion: 75 Resp: 107382
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 53.048 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 75 Resp: 112910
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5
39 44.4 36.0 54.0



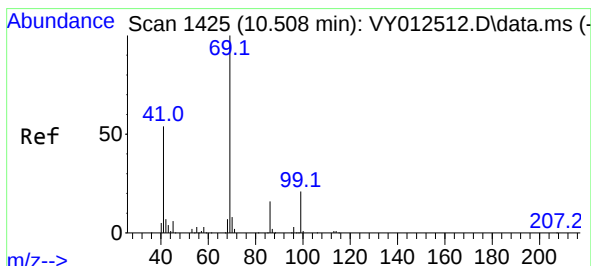
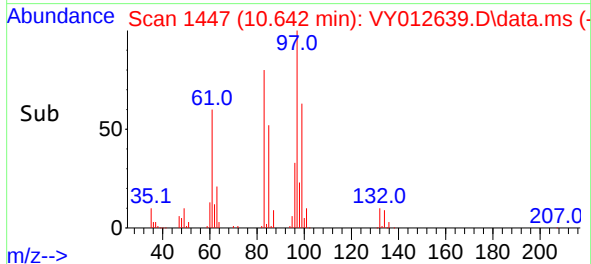
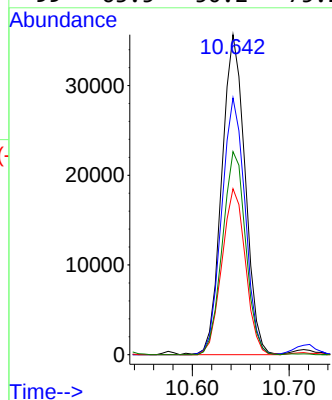
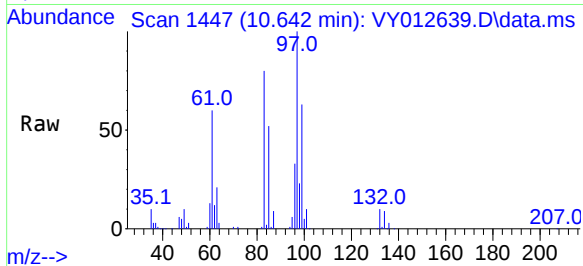


#55
1,1,2-Trichloroethane
Concen: 54.272 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 59698

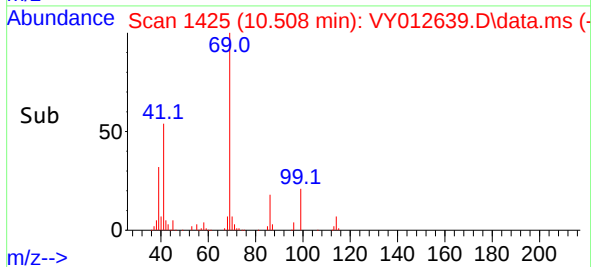
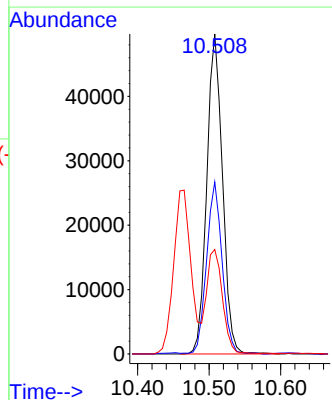
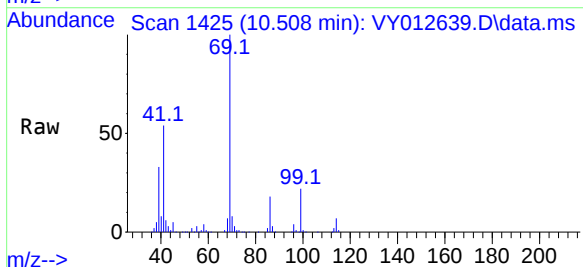
Ion	Ratio	Lower	Upper
97	100		
83	80.2	66.0	99.0
85	51.8	43.1	64.7
99	63.5	50.2	75.2

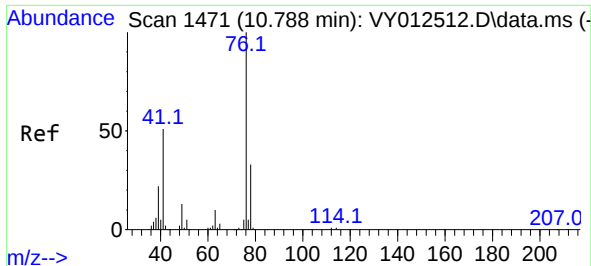


#56
Ethyl methacrylate
Concen: 54.697 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 69 Resp: 75590

Ion	Ratio	Lower	Upper
69	100		
41	53.4	43.4	65.2
39	32.0	26.5	39.7





#57

1,3-Dichloropropane

Concen: 53.288 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

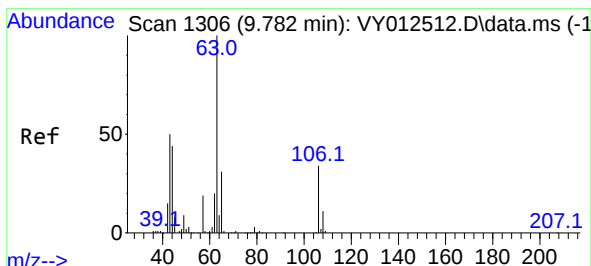
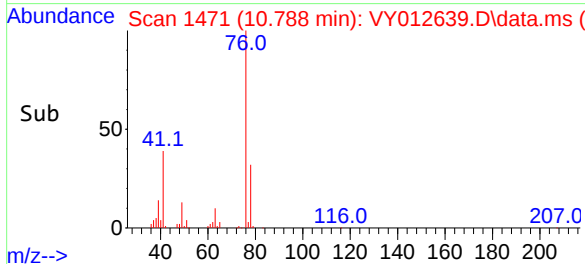
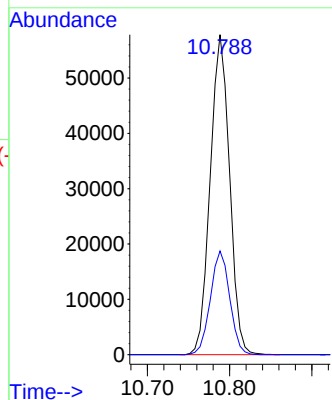
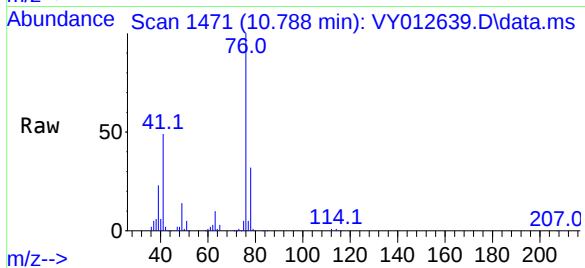
VSTDCCC050

Tgt Ion: 76 Resp: 94600

Ion Ratio Lower Upper

76 100

78 32.3 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 274.983 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012639.D

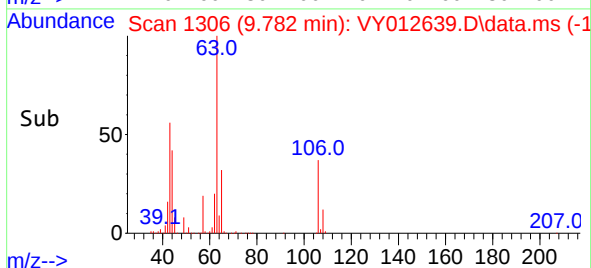
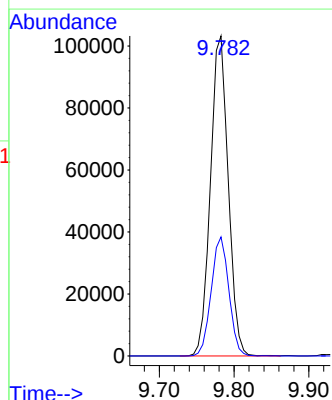
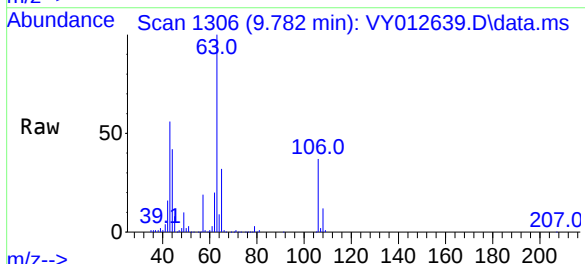
Acq: 17 Feb 2023 10:06

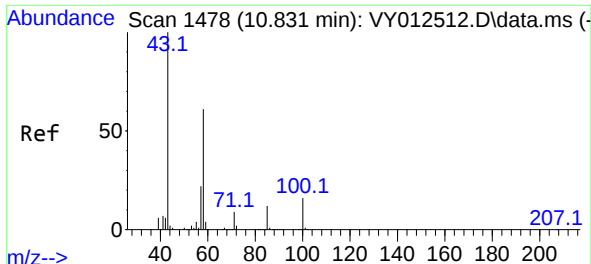
Tgt Ion: 63 Resp: 170811

Ion Ratio Lower Upper

63 100

106 36.8 28.0 42.0

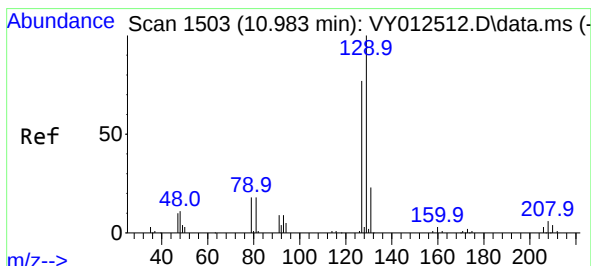
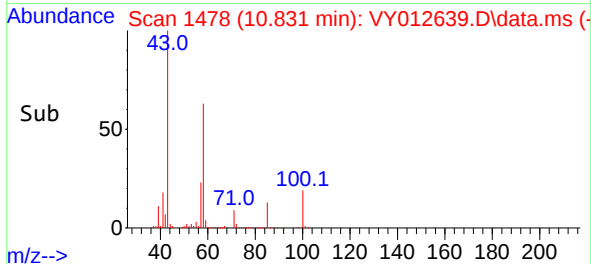
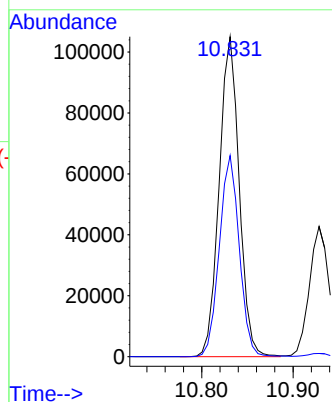
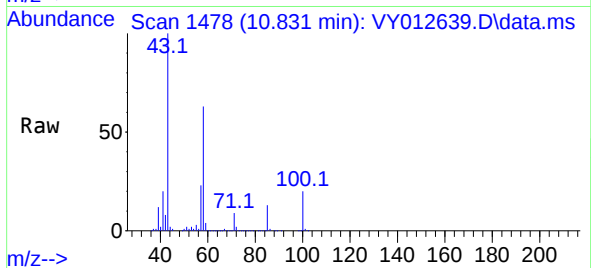




#59
2-Hexanone
Concen: 263.918 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

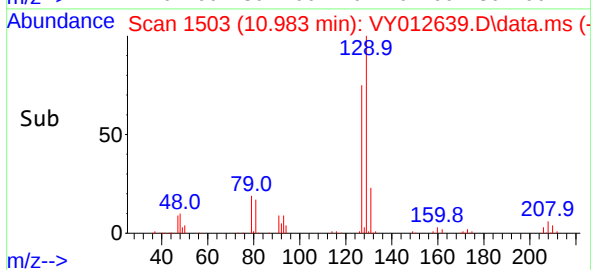
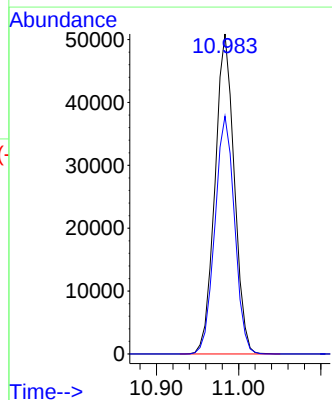
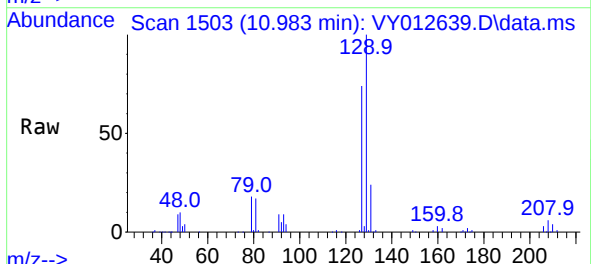
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

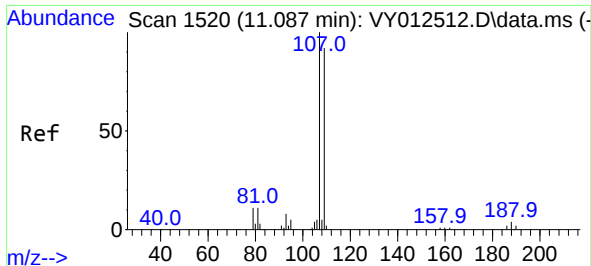
Tgt Ion: 43 Resp: 159815
Ion Ratio Lower Upper
43 100
58 62.7 30.9 92.5



#60
Dibromochloromethane
Concen: 56.514 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 129 Resp: 82865
Ion Ratio Lower Upper
129 100
127 75.7 38.0 114.1

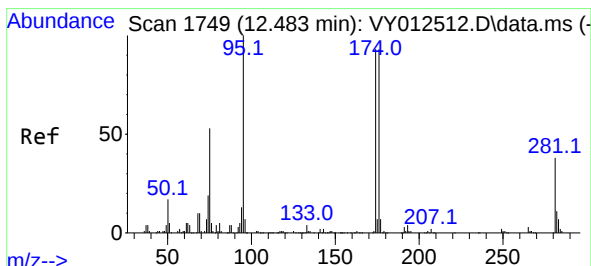
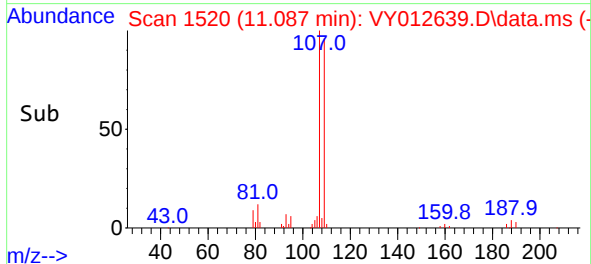
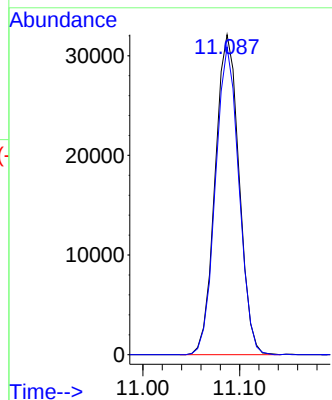
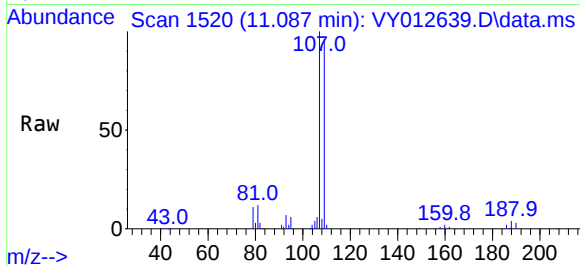




#61
1,2-Dibromoethane
Concen: 53.366 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

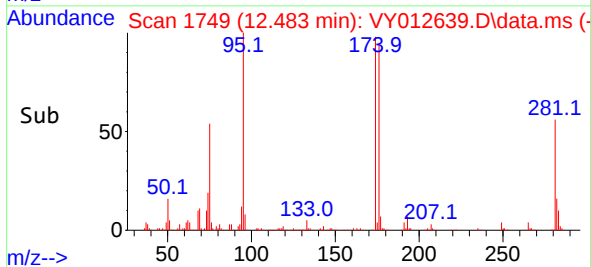
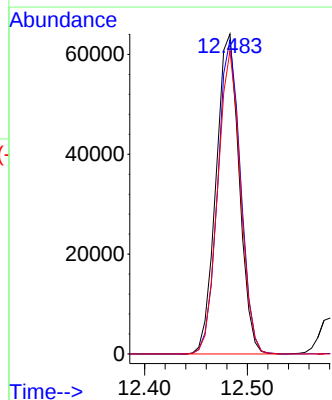
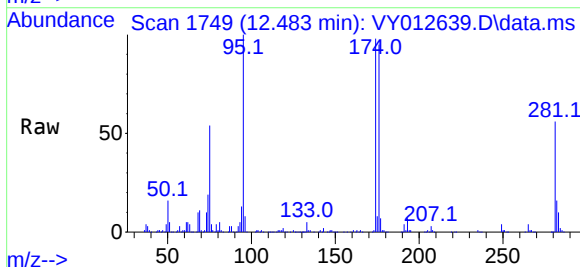
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

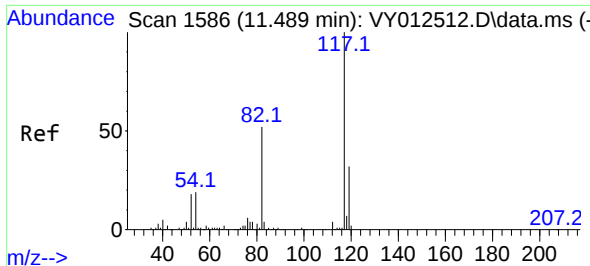
Tgt Ion:107 Resp: 55002
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 52.646 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 95 Resp: 100253
Ion Ratio Lower Upper
95 100
174 96.4 0.0 188.0
176 92.9 0.0 183.6

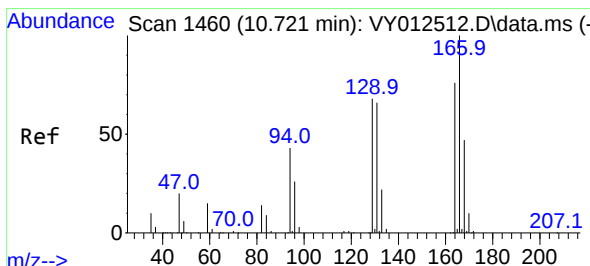
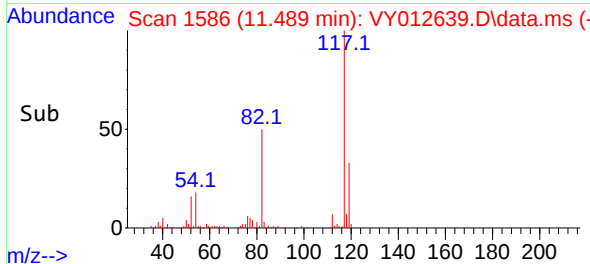
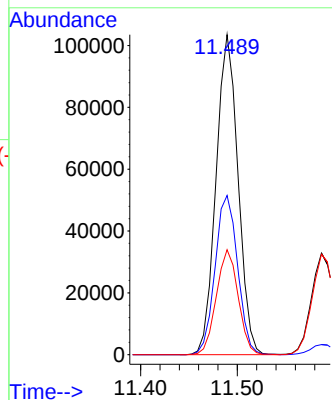
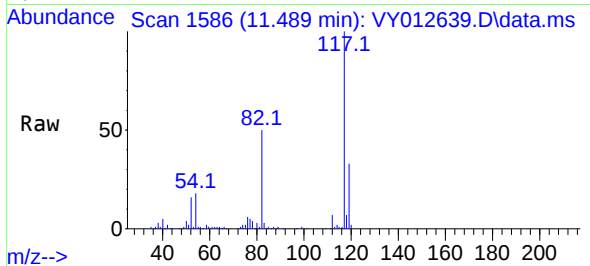




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

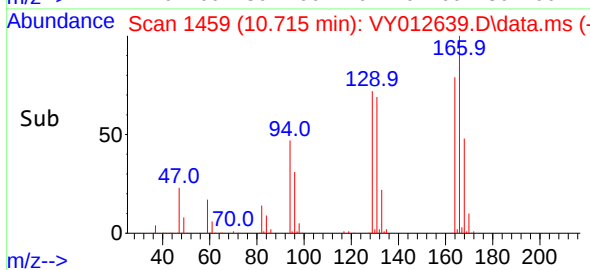
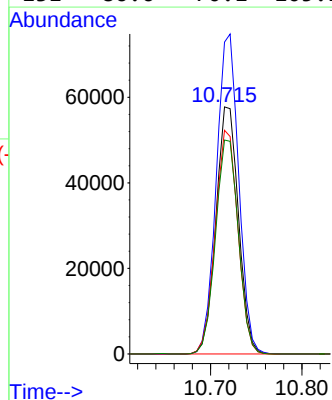
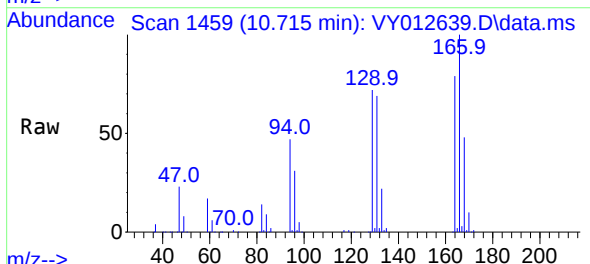
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050

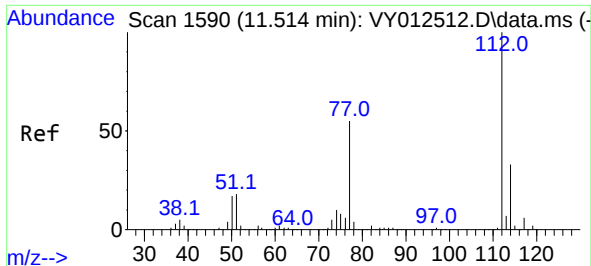
Tgt Ion:	117	Resp:	163421
Ion	Ratio	Lower	Upper
117	100		
82	49.7	41.7	62.5
119	32.8	25.8	38.8



#64
Tetrachloroethene
Concen: 58.170 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion:	164	Resp:	99245
Ion	Ratio	Lower	Upper
164	100		
166	126.2	105.7	158.5
129	90.5	71.8	107.6
131	86.6	70.1	105.1

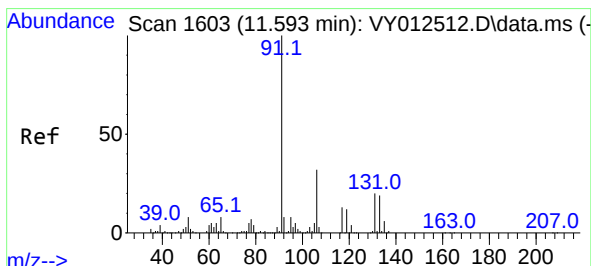
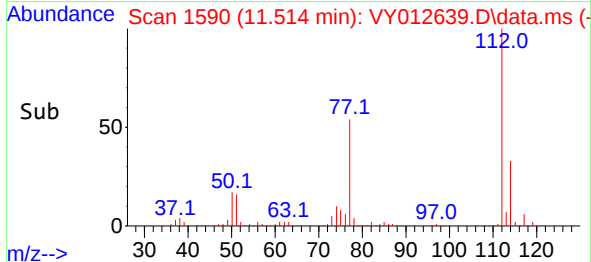
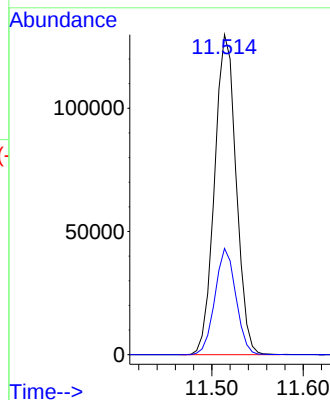
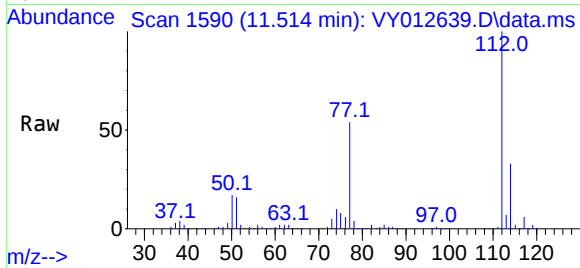




#65
Chlorobenzene
Concen: 54.972 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

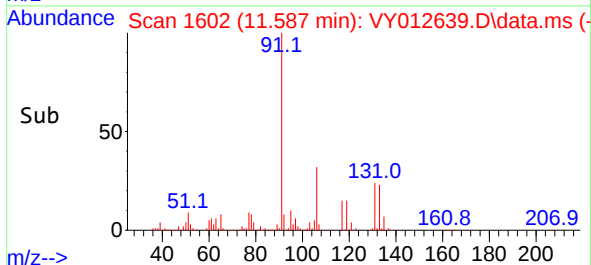
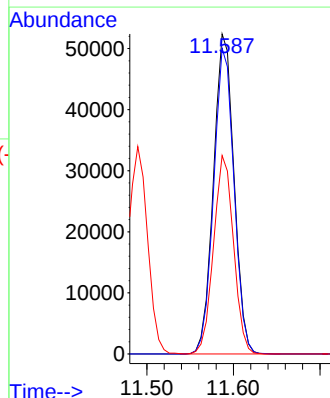
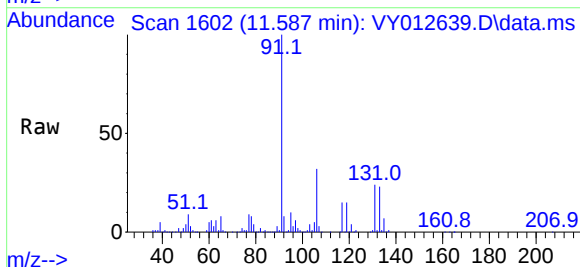
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

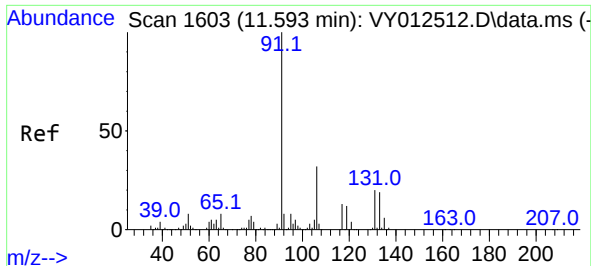
Tgt Ion:112 Resp: 213074
Ion Ratio Lower Upper
112 100
114 33.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 56.715 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion:131 Resp: 86145
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.5
119 60.4 30.7 92.1





#67

Ethyl Benzene

Concen: 54.140 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012639.D

Acq: 17 Feb 2023 10:06

Instrument :

MSVOA_Y

ClientSampleId :

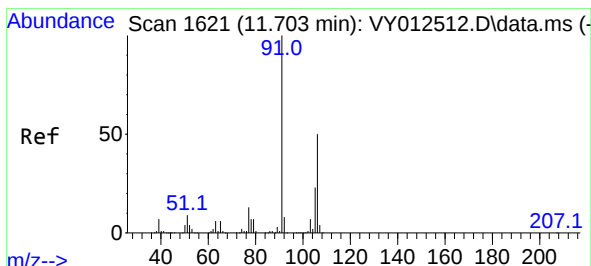
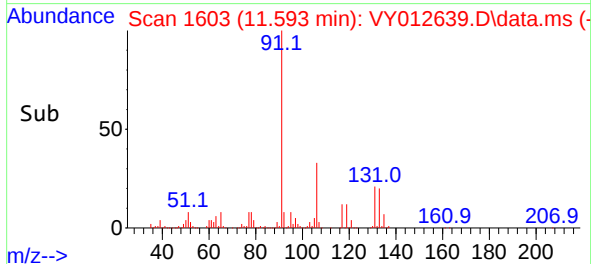
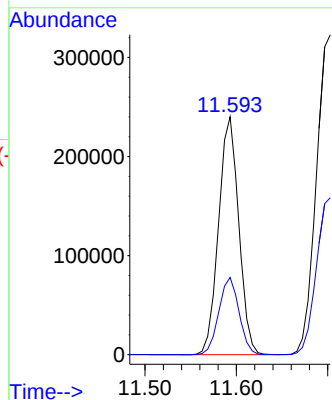
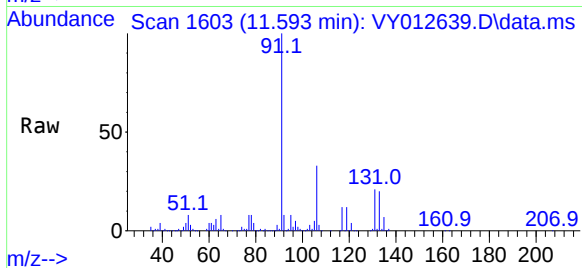
VSTDCCC050

Tgt Ion: 91 Resp: 368410

Ion Ratio Lower Upper

91 100

106 32.5 25.6 38.4



#68

m/p-Xylenes

Concen: 109.248 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012639.D

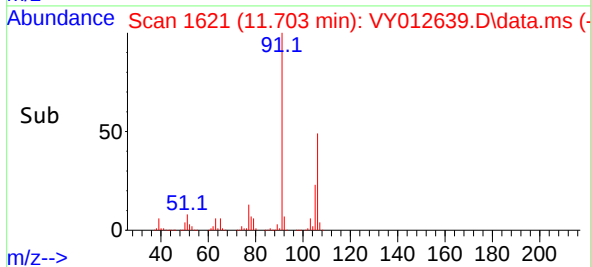
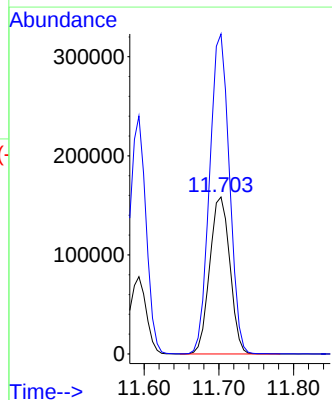
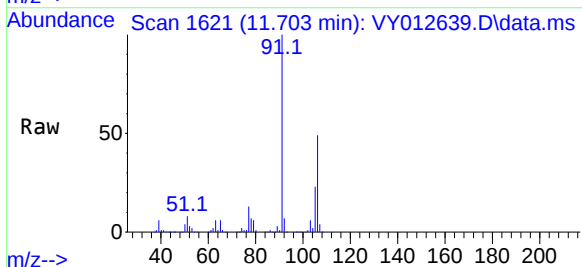
Acq: 17 Feb 2023 10:06

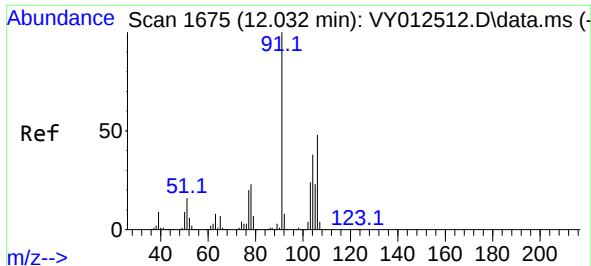
Tgt Ion:106 Resp: 296739

Ion Ratio Lower Upper

106 100

91 200.4 160.3 240.5

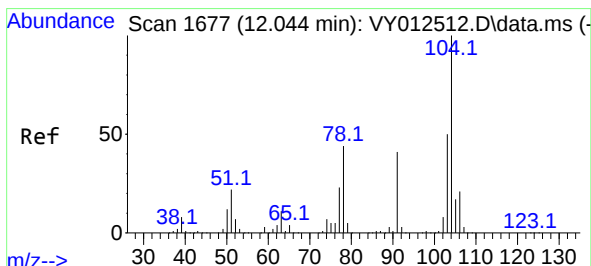
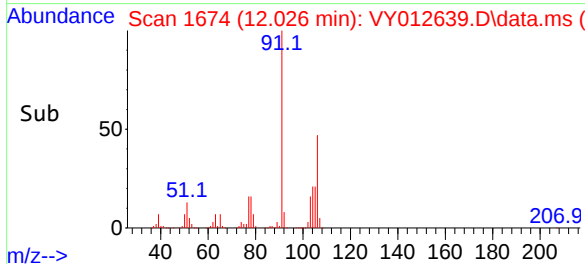
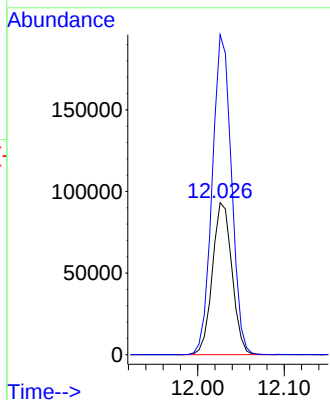
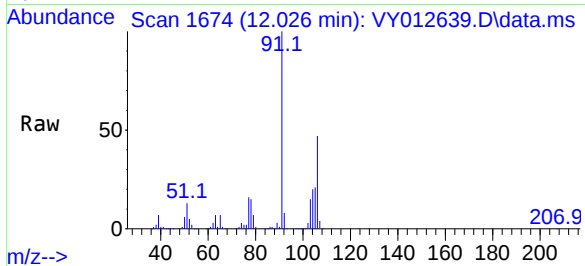




#69
o-Xylene
Concen: 56.461 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

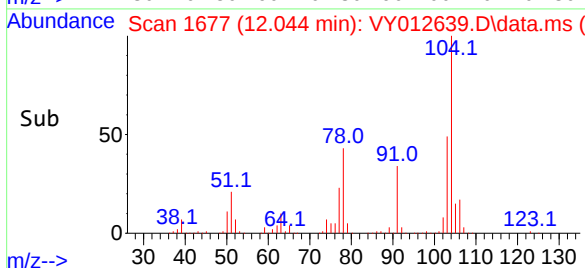
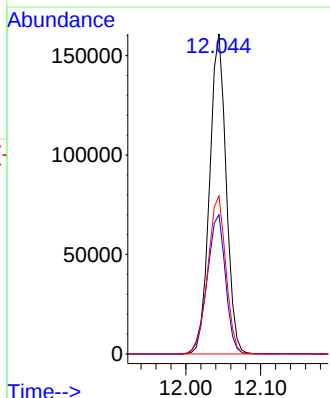
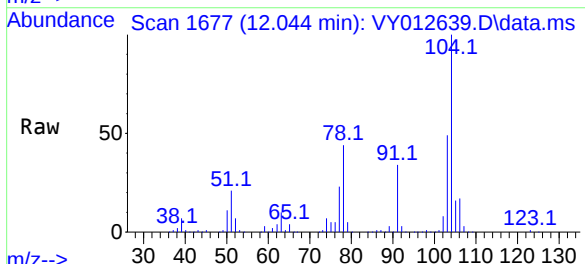
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

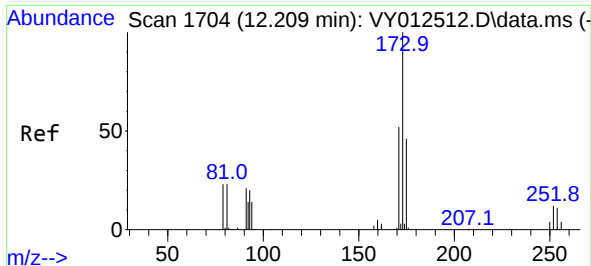
Tgt Ion:106 Resp: 146049
Ion Ratio Lower Upper
106 100
91 207.2 104.2 312.5



#70
Styrene
Concen: 56.431 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion:104 Resp: 247560
Ion Ratio Lower Upper
104 100
78 48.4 39.4 59.2
103 54.0 43.8 65.8

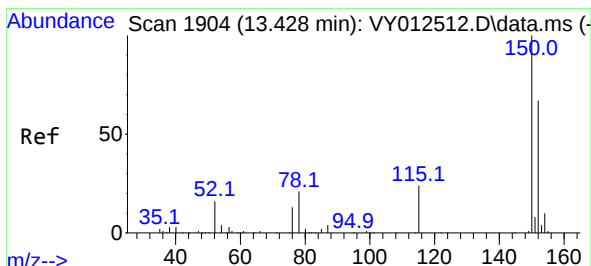
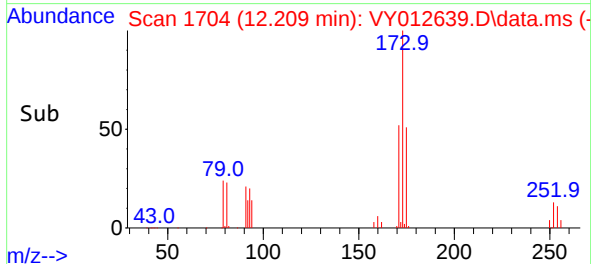
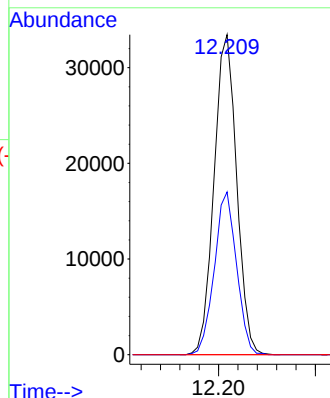
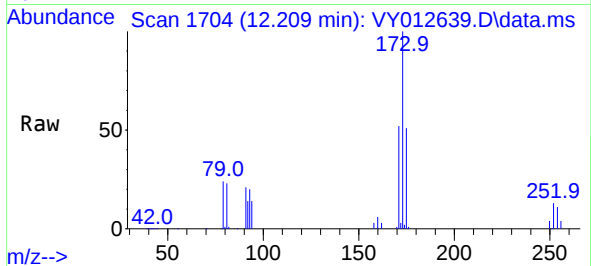




#71
Bromoform
Concen: 56.507 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

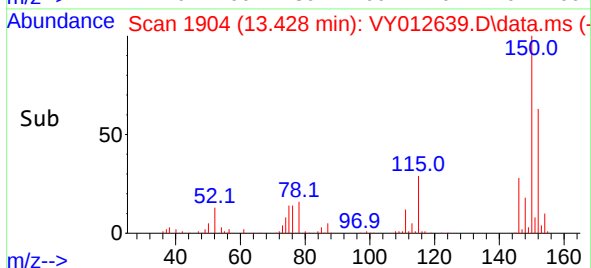
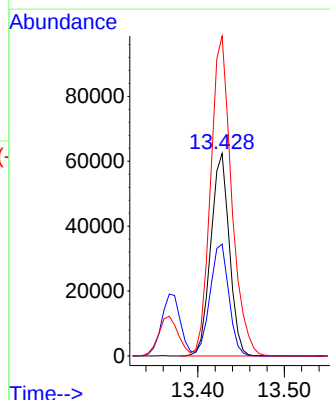
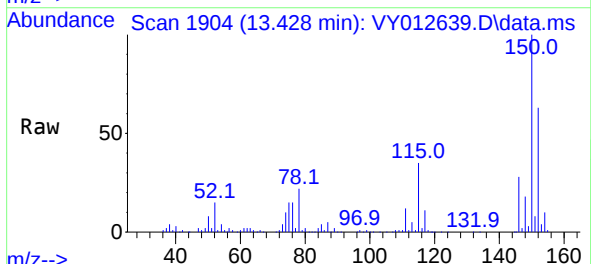
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

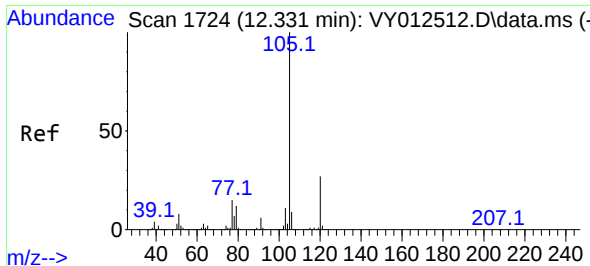
Tgt Ion:173 Resp: 54251
Ion Ratio Lower Upper
173 100
175 49.9 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion:152 Resp: 93000
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.3
150 177.8 0.0 351.0

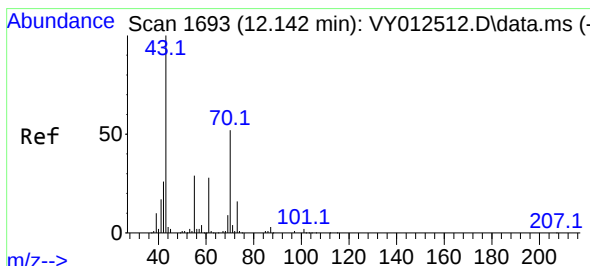
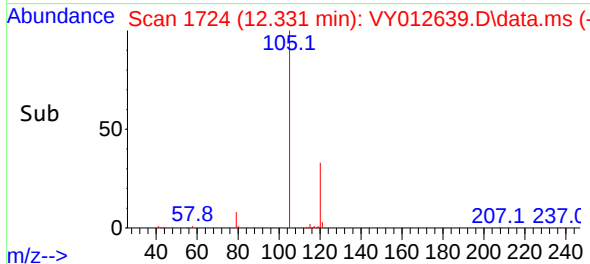
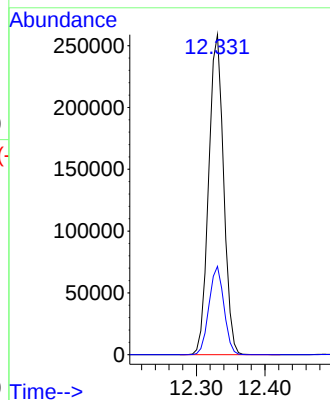
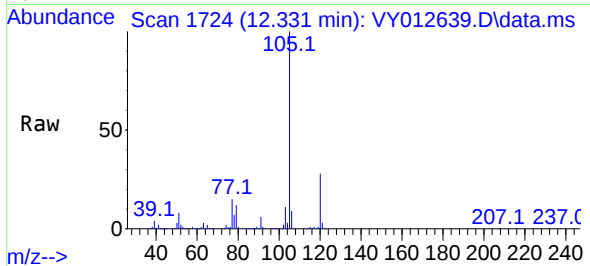




#73
Isopropylbenzene
Concen: 52.093 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

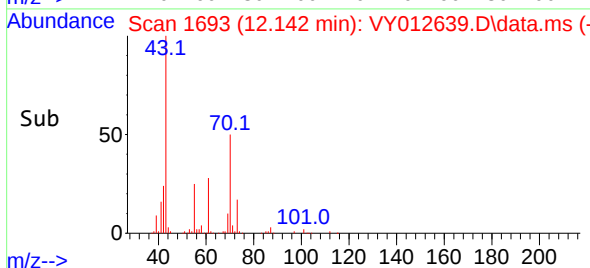
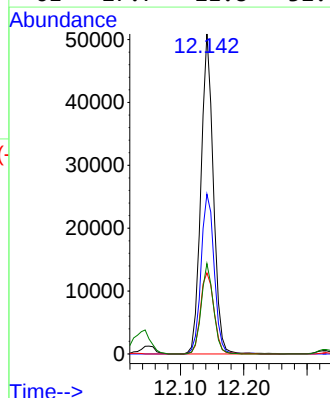
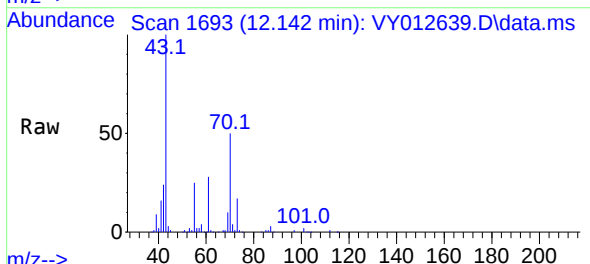
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

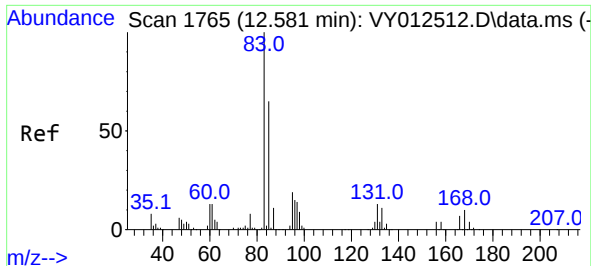
Tgt Ion:105 Resp: 391961
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 51.001 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 43 Resp: 69465
Ion Ratio Lower Upper
43 100
70 52.8 41.0 61.6
55 27.8 22.9 34.3
61 27.7 21.8 32.6

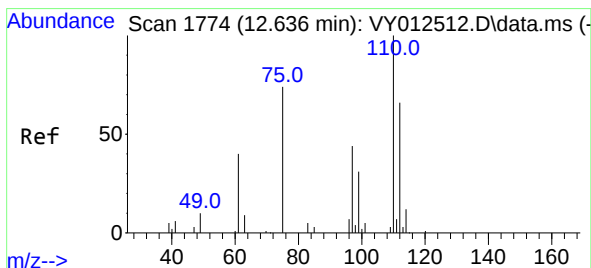
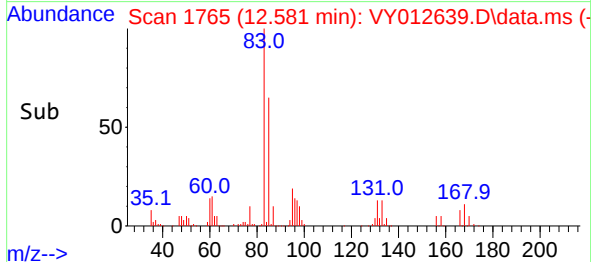
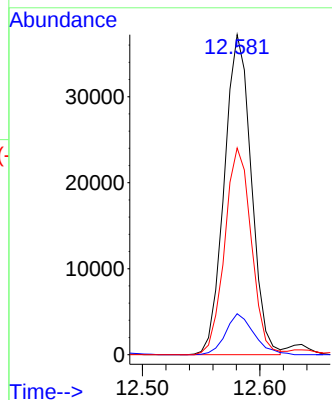
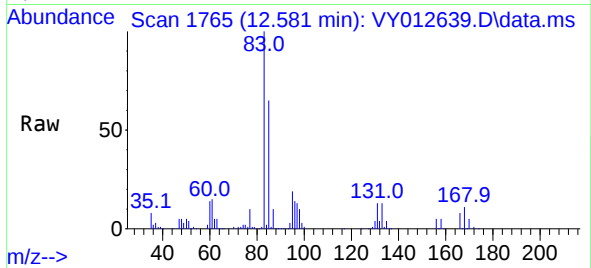




#75
1,1,2,2-Tetrachloroethane
Concen: 48.771 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

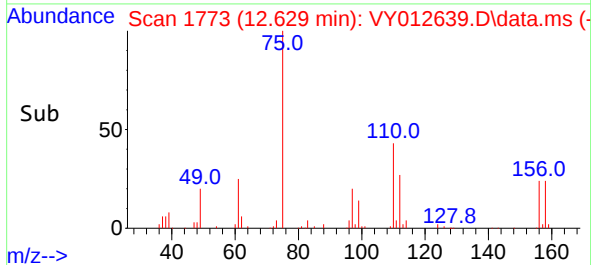
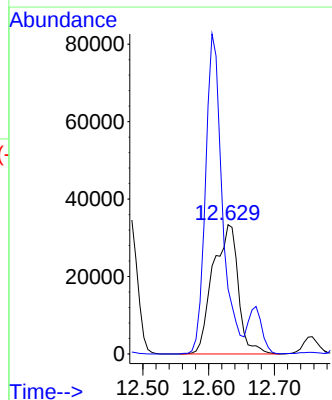
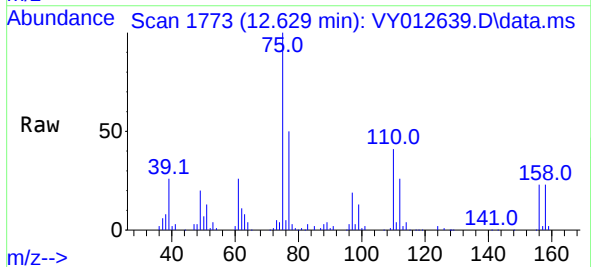
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

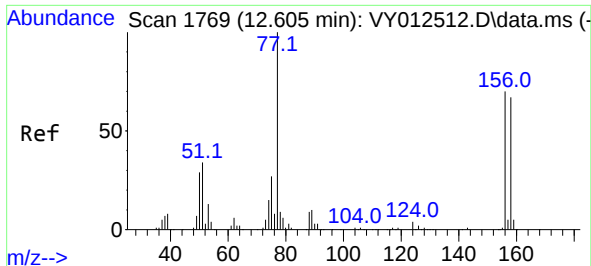
Tgt Ion: 83 Resp: 59337
Ion Ratio Lower Upper
83 100
131 13.4 6.5 19.4
85 63.8 33.0 99.0



#76
1,2,3-Trichloropropane
Concen: 86.207 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 75 Resp: 89572
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

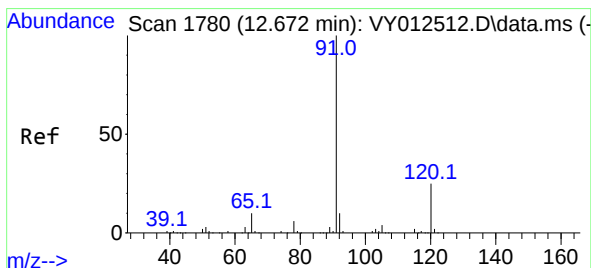
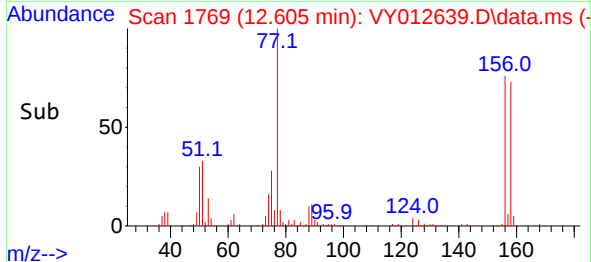
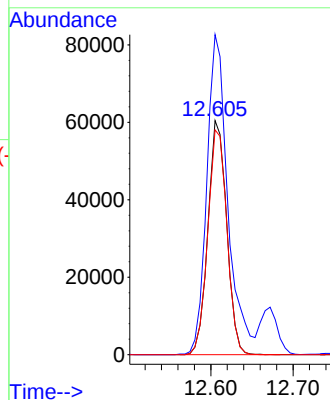
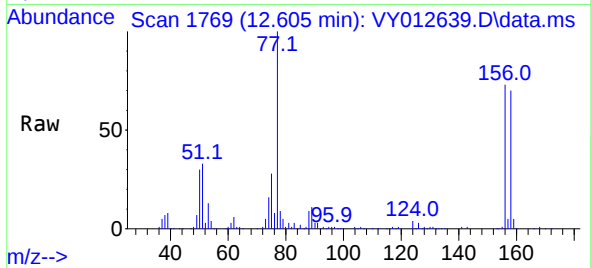




#77
Bromobenzene
Concen: 52.553 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

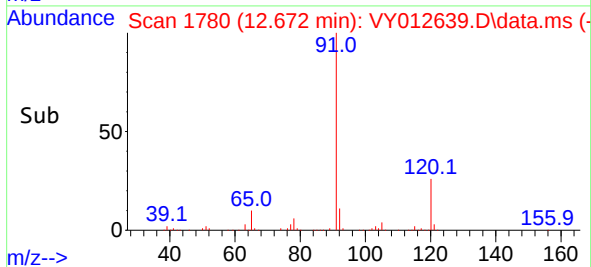
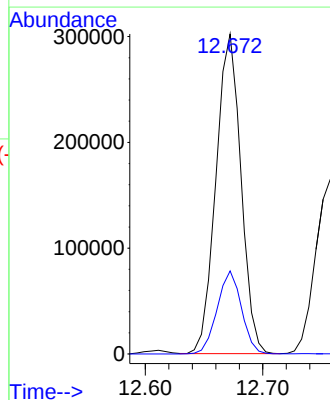
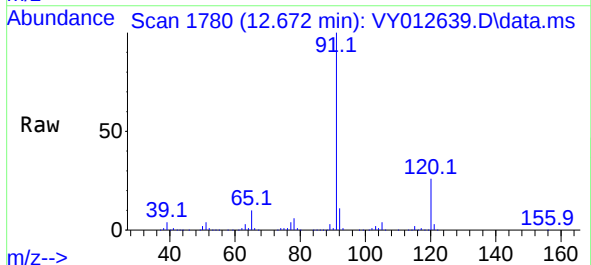
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

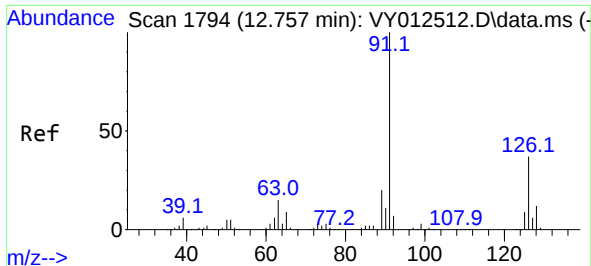
Tgt Ion:156 Resp: 95841
Ion Ratio Lower Upper
156 100
77 153.7 80.6 241.8
158 98.0 49.1 147.3



#78
n-propylbenzene
Concen: 51.563 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 91 Resp: 446554
Ion Ratio Lower Upper
91 100
120 25.3 12.4 37.4

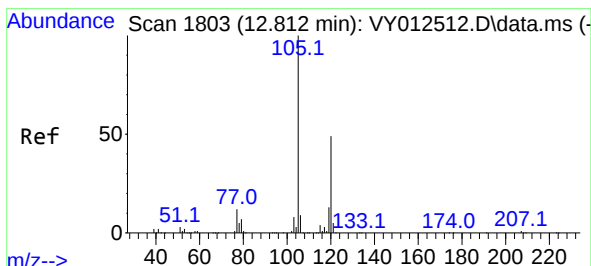
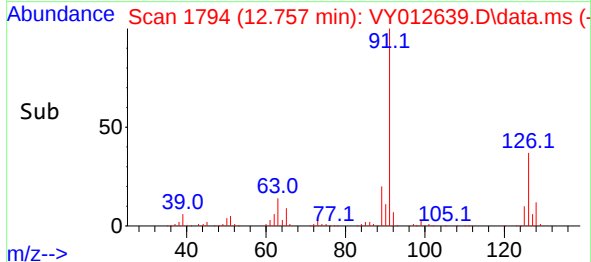
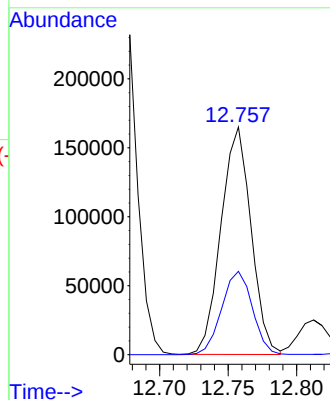
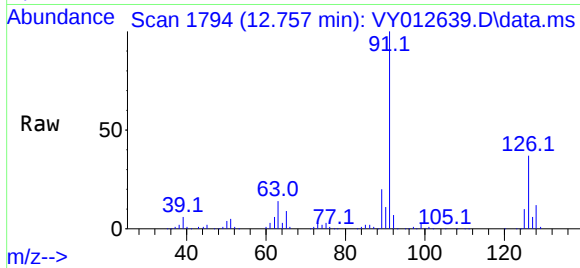




#79
2-Chlorotoluene
Concen: 51.314 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

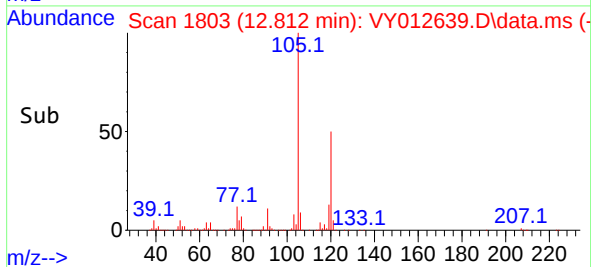
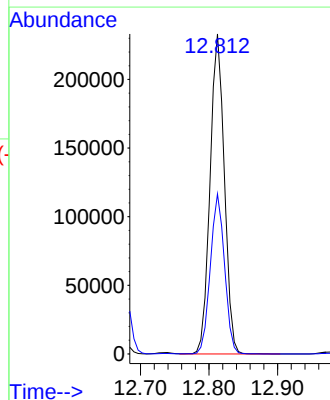
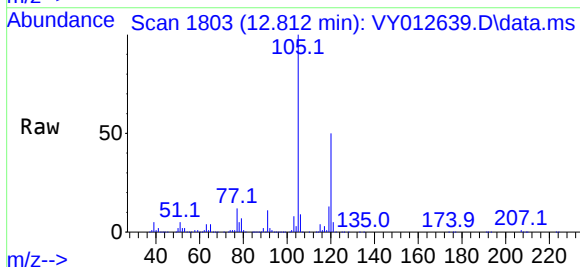
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

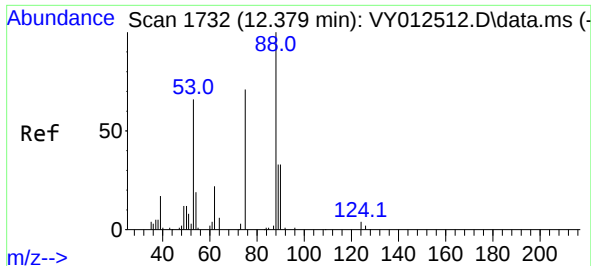
Tgt Ion: 91 Resp: 252276
Ion Ratio Lower Upper
91 100
126 37.3 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 52.317 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 105 Resp: 338868
Ion Ratio Lower Upper
105 100
120 49.6 24.6 74.0

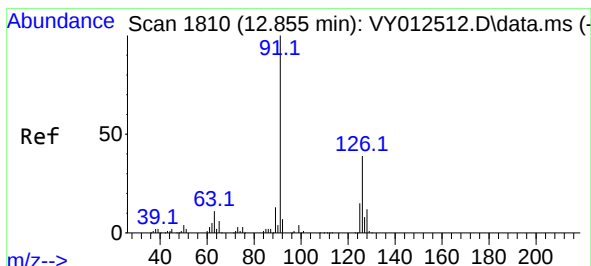
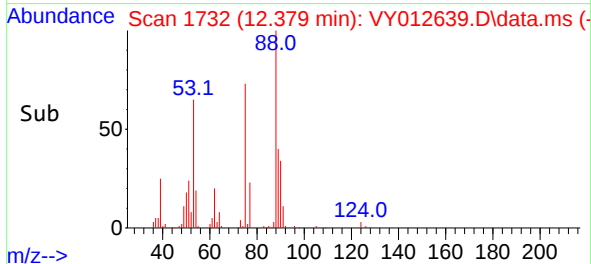
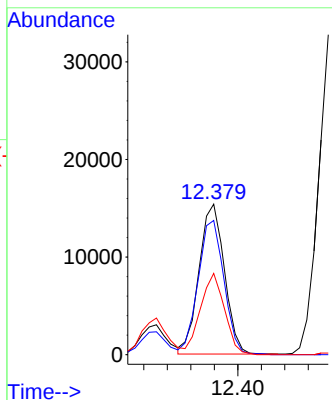
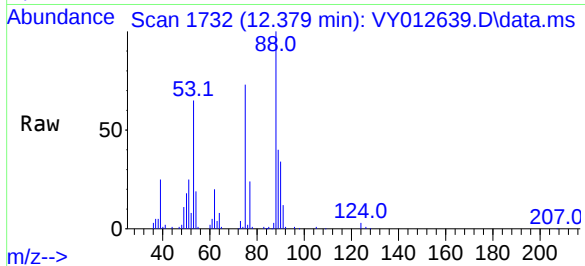




#81
trans-1,4-Dichloro-2-butene
Concen: 50.024 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

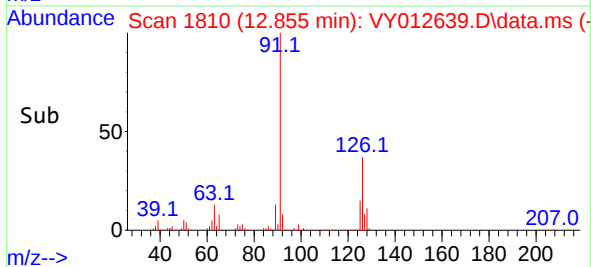
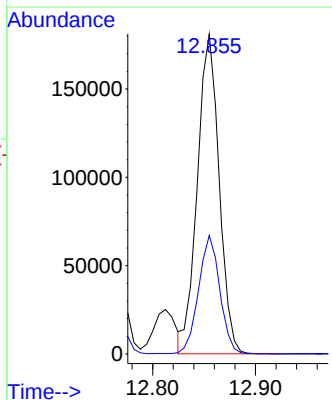
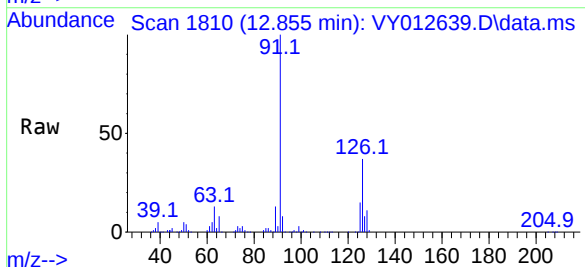
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

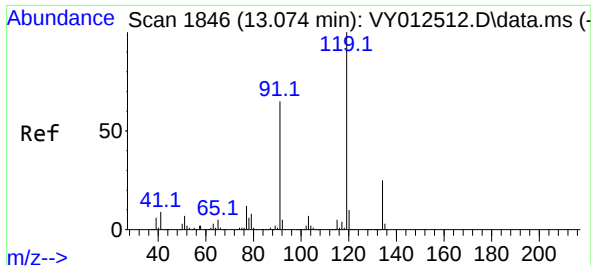
Tgt Ion: 75 Resp: 23049
Ion Ratio Lower Upper
75 100
53 91.4 73.1 109.7
89 51.1 39.9 59.9



#82
4-Chlorotoluene
Concen: 51.703 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 91 Resp: 266647
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.3

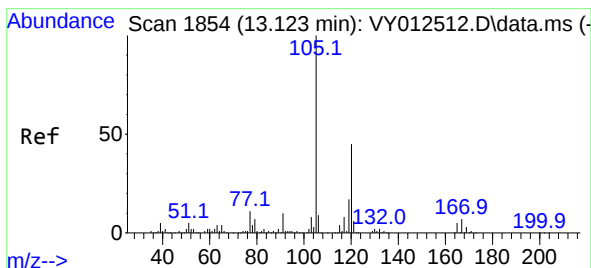
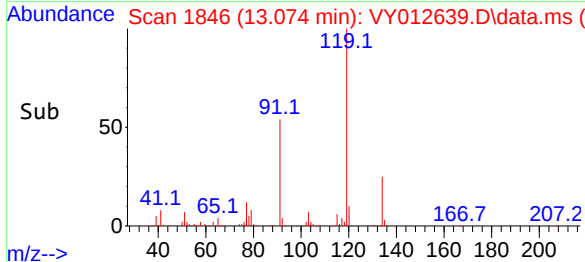
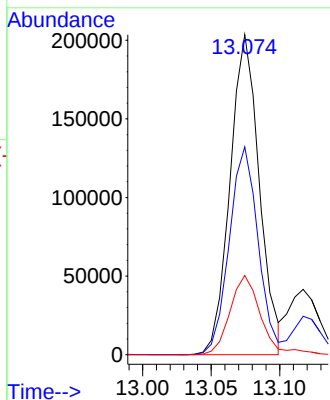
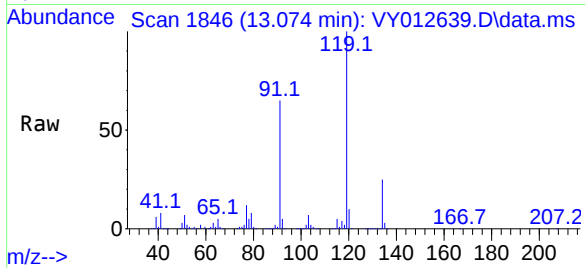




#83
tert-Butylbenzene
Concen: 53.336 ug/l
RT: 13.074 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

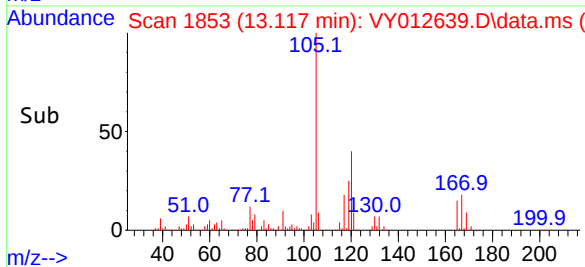
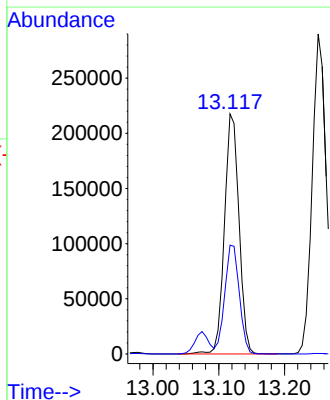
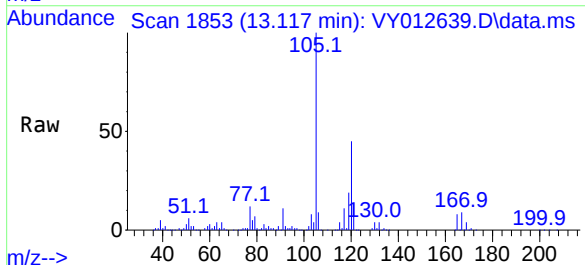
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

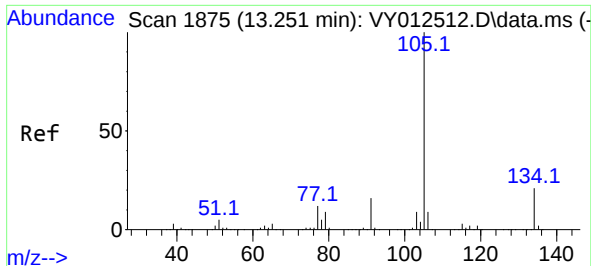
Tgt Ion:119 Resp: 302948
Ion Ratio Lower Upper
119 100
91 64.0 33.0 99.0
134 26.0 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 52.581 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion:105 Resp: 335116
Ion Ratio Lower Upper
105 100
120 45.3 22.8 68.3

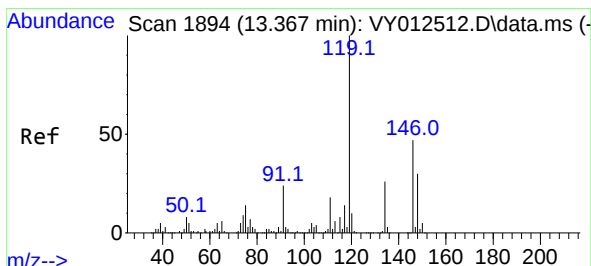
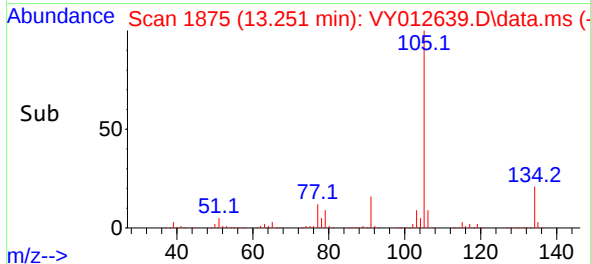
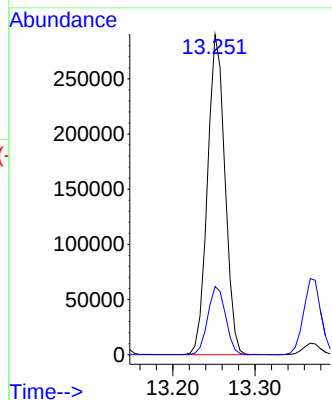
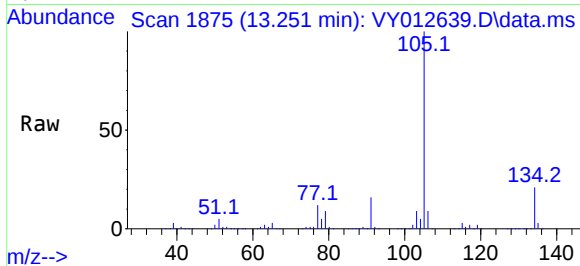




#85
 sec-Butylbenzene
 Concen: 52.614 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012639.D
 Acq: 17 Feb 2023 10:06

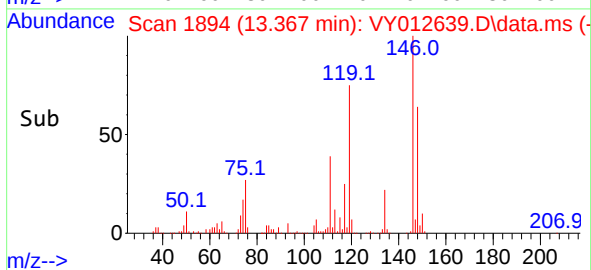
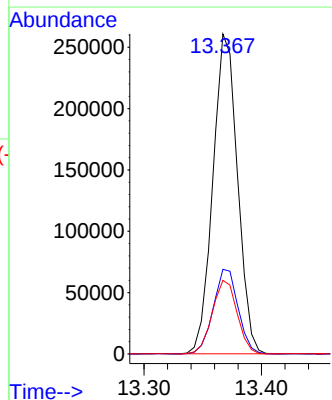
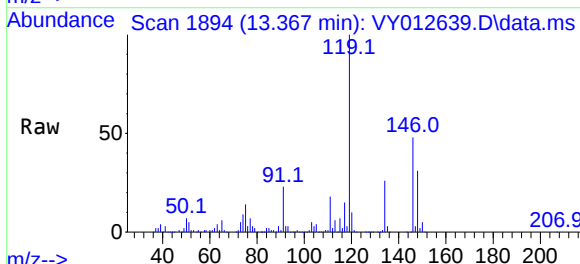
Instrument :
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 ClientSampleId :
 VSTDCCC050

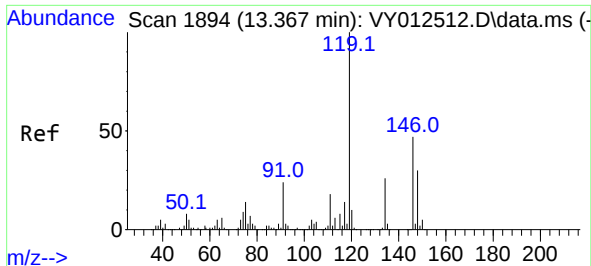
Tgt Ion:105 Resp: 427535
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 53.842 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012639.D
 Acq: 17 Feb 2023 10:06

Tgt Ion:119 Resp: 379549
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 23.2 12.0 36.1

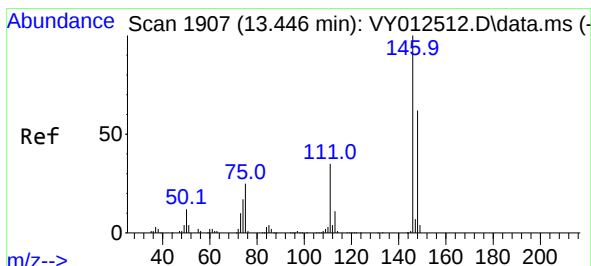
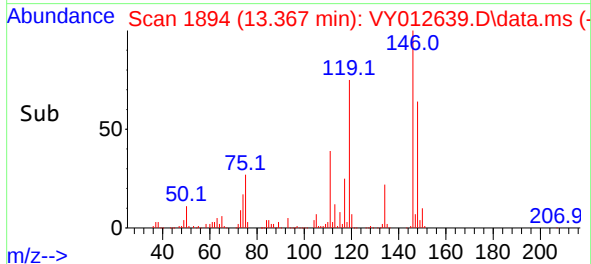
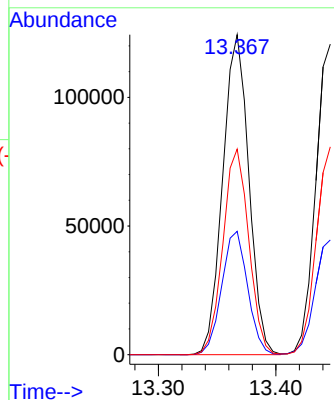
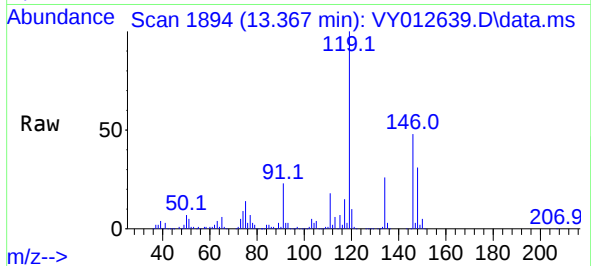




#87
 1,3-Dichlorobenzene
 Concen: 52.985 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012639.D
 Acq: 17 Feb 2023 10:06

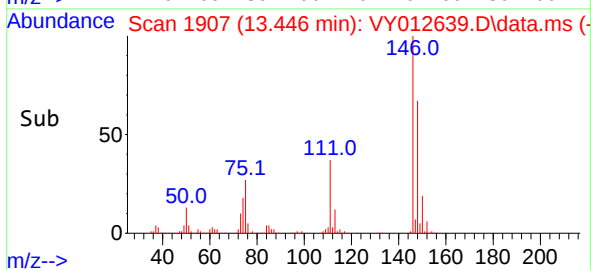
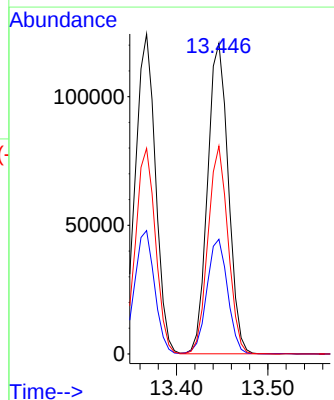
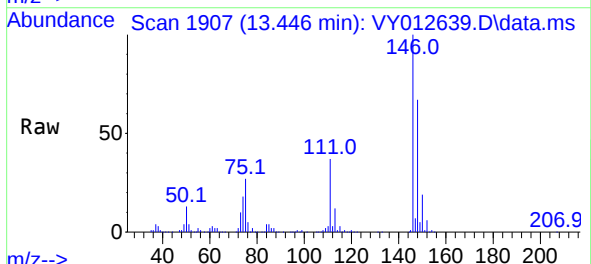
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

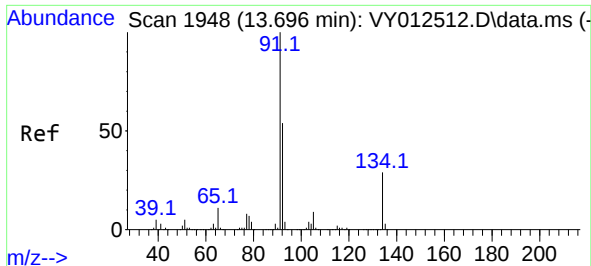
Tgt Ion:146 Resp: 192261
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.3 57.9
 148 63.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 52.299 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY012639.D
 Acq: 17 Feb 2023 10:06

Tgt Ion:146 Resp: 190090
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.2
 148 64.9 31.6 95.0

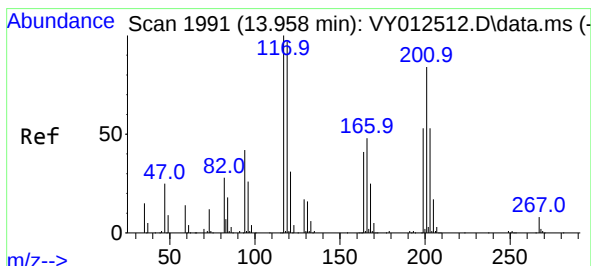
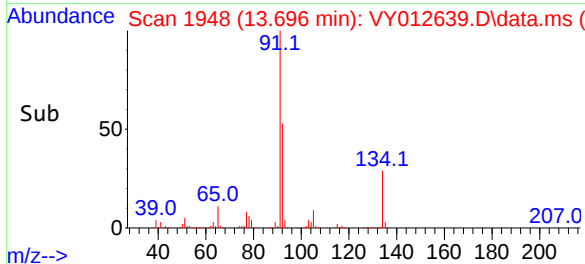
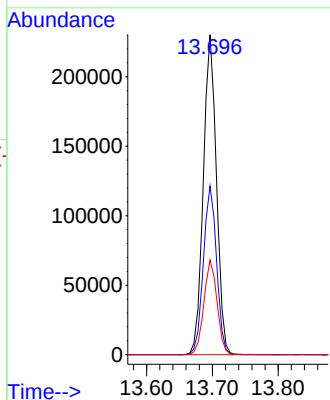
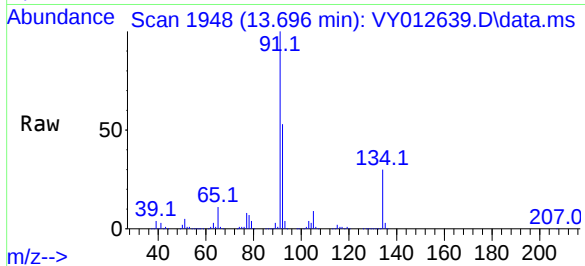




#89
n-Butylbenzene
Concen: 53.004 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

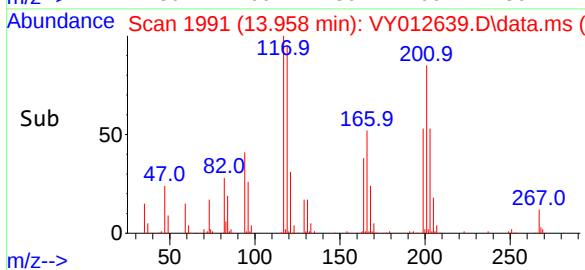
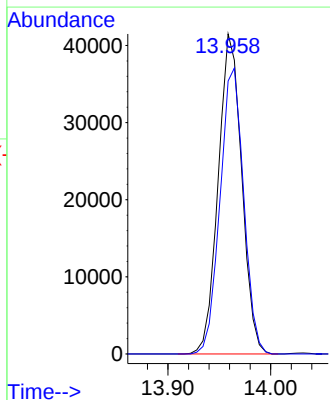
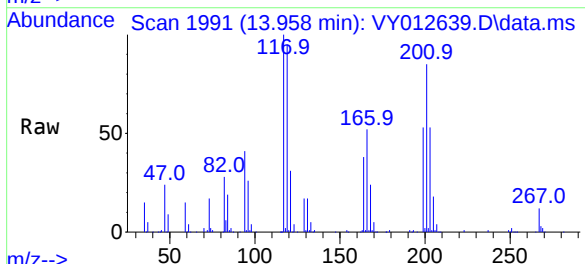
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

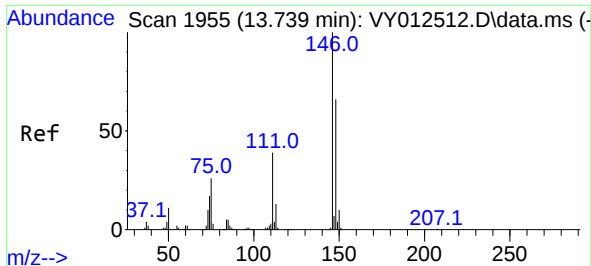
Tgt Ion: 91 Resp: 319340
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 29.7 14.5 43.5



#90
Hexachloroethane
Concen: 50.857 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion: 117 Resp: 65804
Ion Ratio Lower Upper
117 100
201 89.7 43.9 131.7



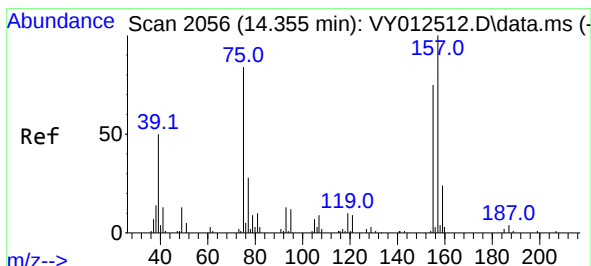
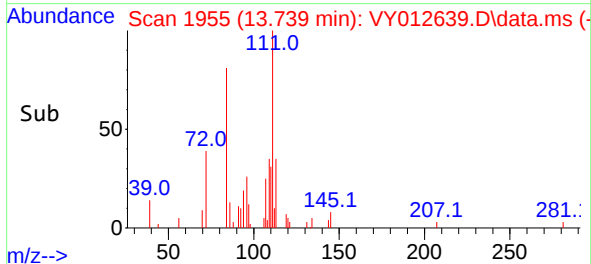
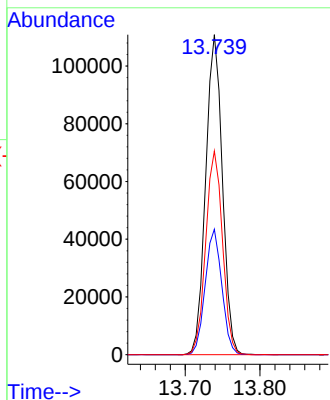
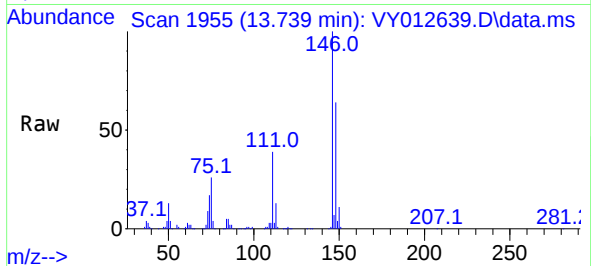


#91
 1,2-Dichlorobenzene
 Concen: 52.572 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY012639.D
 Acq: 17 Feb 2023 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 171610

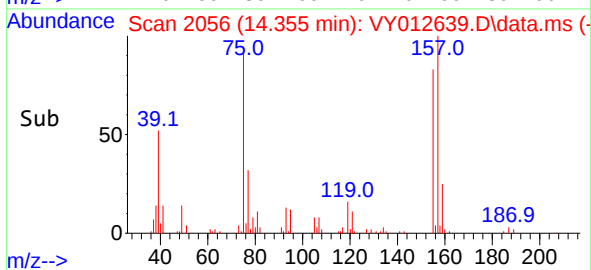
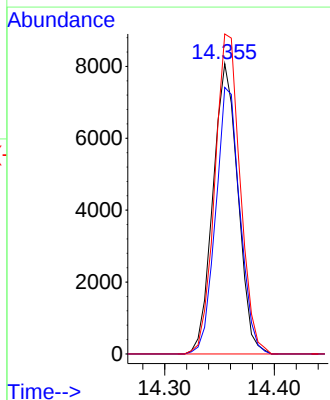
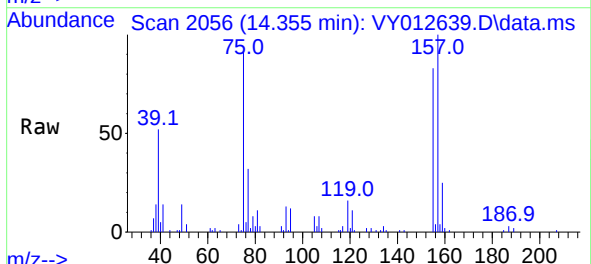
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	64.1	32.0	96.0

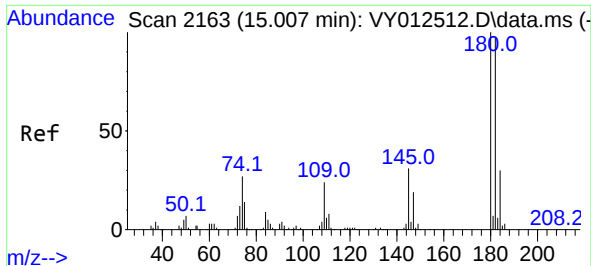


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.765 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY012639.D
 Acq: 17 Feb 2023 10:06

Tgt Ion: 75 Resp: 12775

Ion	Ratio	Lower	Upper
75	100		
155	89.2	46.5	139.3
157	111.6	59.9	179.7

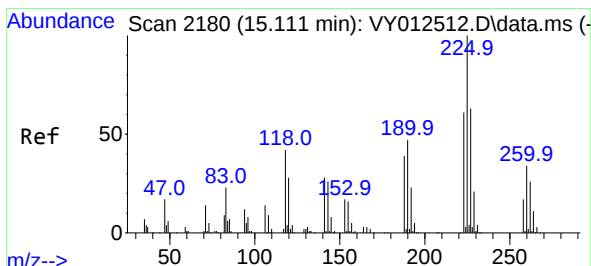
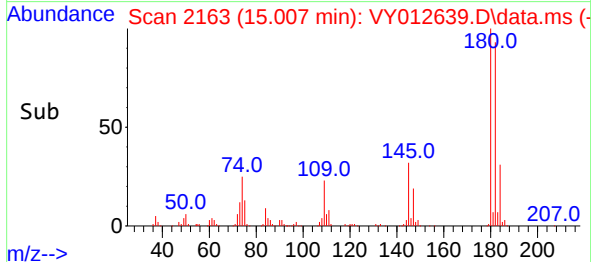
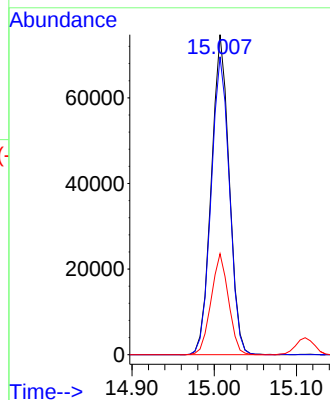
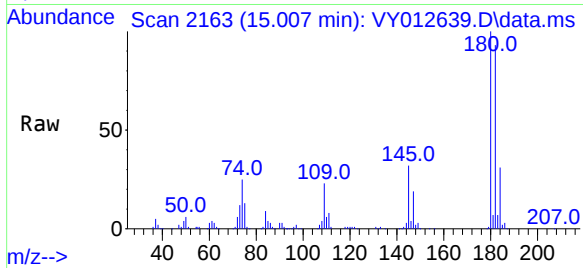




#93
1,2,4-Trichlorobenzene
Concen: 55.779 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

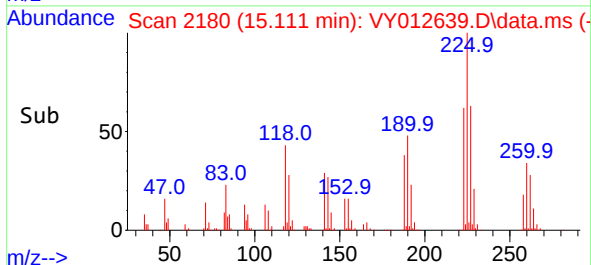
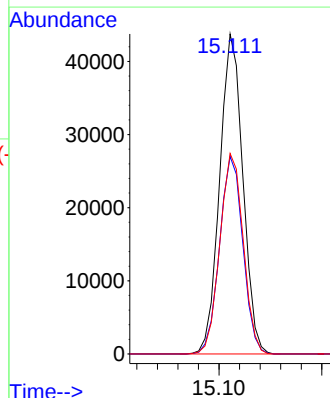
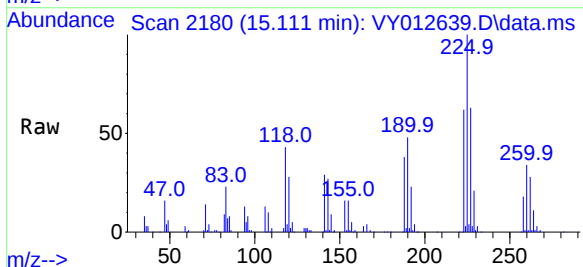
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

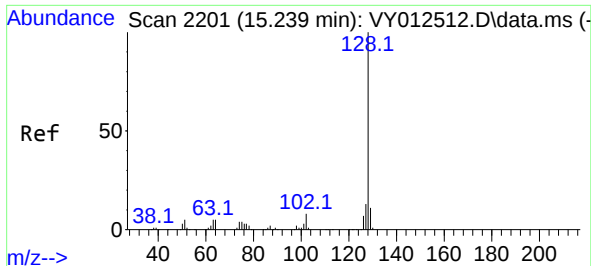
Tgt Ion:180 Resp: 112818
Ion Ratio Lower Upper
180 100
182 95.0 47.7 143.1
145 30.8 15.4 46.4



#94
Hexachlorobutadiene
Concen: 54.402 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion:225 Resp: 68355
Ion Ratio Lower Upper
225 100
223 61.9 31.1 93.3
227 63.2 31.9 95.5

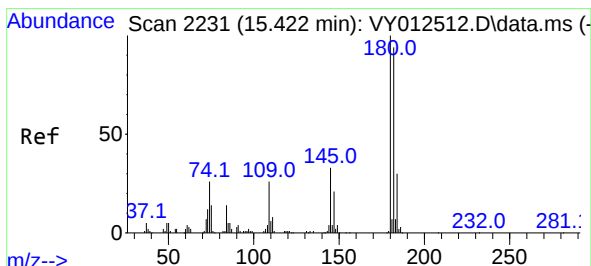
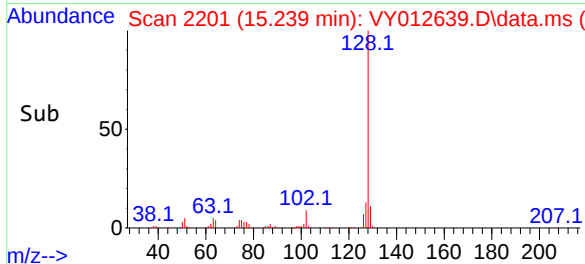
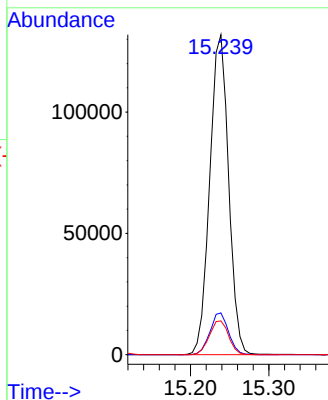
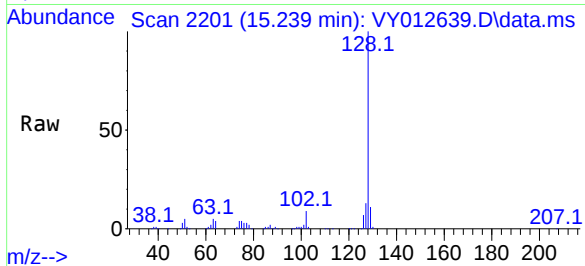




#95
Naphthalene
Concen: 56.778 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	220452
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 55.015 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY012639.D
Acq: 17 Feb 2023 10:06

Tgt Ion:	180	Resp:	96318
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.2
145	32.7	16.2	48.6

