

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011104.D
 Acq On : 25 Oct 2022 19:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 26 09:02:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	224553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	359587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	332672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171656	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86822	41.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.940%
35) Dibromofluoromethane	7.710	113	91024	45.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.400%
50) Toluene-d8	10.179	98	305717	40.718	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.440%
62) 4-Bromofluorobenzene	12.477	95	118774	44.309	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	63762	42.808	ug/l	98
3) Chloromethane	2.107	50	86043	40.265	ug/l	94
4) Vinyl Chloride	2.247	62	102181	42.188	ug/l	98
5) Bromomethane	2.644	94	69382	41.417	ug/l	98
6) Chloroethane	2.784	64	72278	44.656	ug/l	99
7) Trichlorofluoromethane	3.119	101	167316	47.197	ug/l	94
8) Diethyl Ether	3.521	74	64466	48.730	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	109114	49.070	ug/l	92
10) Methyl Iodide	4.082	142	122573	45.048	ug/l	91
11) Tert butyl alcohol	4.948	59	64449	279.320	ug/l	96
12) 1,1-Dichloroethene	3.863	96	96575	45.337	ug/l	84
13) Acrolein	3.723	56	61743	185.158	ug/l	97
14) Allyl chloride	4.473	41	157782	46.708	ug/l #	86
15) Acrylonitrile	5.155	53	190024	275.565	ug/l	97
16) Acetone	3.942	43	137490	228.892	ug/l #	85
17) Carbon Disulfide	4.186	76	237355	38.008	ug/l	99
18) Methyl Acetate	4.473	43	91051	54.115	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	312189	52.454	ug/l	99
20) Methylene Chloride	4.710	84	135749	52.127	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	112660	46.848	ug/l	89
22) Diisopropyl ether	6.112	45	385955	53.348	ug/l	92
23) Vinyl Acetate	6.051	43	1180761	272.931	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	221223	50.646	ug/l	98
25) 2-Butanone	6.978	43	232238	254.944	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	183758	47.374	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	140220	50.593	ug/l	88
28) Bromochloromethane	7.326	49	82906	53.312	ug/l	88
29) Tetrahydrofuran	7.344	42	153674	274.196	ug/l #	86
30) Chloroform	7.502	83	232518	52.807	ug/l	99
31) Cyclohexane	7.777	56	167362	42.282	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	196518	50.774	ug/l	96
36) 1,1-Dichloropropene	7.911	75	160144	47.841	ug/l	98
37) Ethyl Acetate	7.070	43	104497	56.385	ug/l	95
38) Carbon Tetrachloride	7.899	117	174580	50.523	ug/l	98
39) Methylcyclohexane	9.179	83	182683	45.564	ug/l	92
40) Benzene	8.155	78	487510	49.636	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	60302m	60.043	ug/l	
42) 1,2-Dichloroethane	8.234	62	142485	52.356	ug/l	90
43) Isopropyl Acetate	8.271	43	179439	54.191	ug/l #	89
44) Trichloroethene	8.935	130	130788	49.138	ug/l	97
45) 1,2-Dichloropropane	9.209	63	132820	53.298	ug/l	95
46) Dibromomethane	9.301	93	74671	53.724	ug/l	96
47) Bromodichloromethane	9.490	83	183284	54.721	ug/l	97
48) Methyl methacrylate	9.289	41	80916	54.602	ug/l #	79
49) 1,4-Dioxane	9.295	88	22790	1141.214	ug/l #	87
51) 4-Methyl-2-Pentanone	10.063	43	532581	288.403	ug/l #	87
52) Toluene	10.240	92	313647	51.403	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	184174	52.930	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	210483	52.861	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	111251	55.483	ug/l	98
56) Ethyl methacrylate	10.508	69	150120	56.370	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	185855	53.910	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	350978	265.257	ug/l	97
59) 2-Hexanone	10.825	43	368822	290.756	ug/l	85
60) Dibromochloromethane	10.977	129	133016	55.789	ug/l	99
61) 1,2-Dibromoethane	11.087	107	103218	53.755	ug/l	100
64) Tetrachloroethene	10.715	164	128417	49.588	ug/l	96
65) Chlorobenzene	11.514	112	343695	50.322	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	134034	53.020	ug/l	98
67) Ethyl Benzene	11.587	91	609275	50.424	ug/l	99
68) m/p-Xylenes	11.697	106	469599	101.030	ug/l	95
69) o-Xylene	12.026	106	225762	51.151	ug/l	95
70) Styrene	12.038	104	395728	52.915	ug/l	96
71) Bromoform	12.203	173	85447	54.768	ug/l #	100
73) Isopropylbenzene	12.325	105	608044	48.756	ug/l	99
74) N-amyl acetate	12.142	43	161526	51.048	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.575	83	134940	51.557	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	110178m	56.535	ug/l	
77) Bromobenzene	12.605	156	142735	48.963	ug/l	100
78) n-propylbenzene	12.666	91	737404	48.599	ug/l	99
79) 2-Chlorotoluene	12.752	91	422111	49.398	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	511832	49.188	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	46900	51.758	ug/l #	85
82) 4-Chlorotoluene	12.849	91	431556	48.505	ug/l	99
83) tert-Butylbenzene	13.069	119	443544	49.293	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	512925	49.989	ug/l	98
85) sec-Butylbenzene	13.251	105	671375	49.654	ug/l	100
86) p-Isopropyltoluene	13.367	119	557018	49.659	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	287314	49.385	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	283772	49.056	ug/l	99
89) n-Butylbenzene	13.690	91	527553	50.331	ug/l	100
90) Hexachloroethane	13.953	117	111625	50.425	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	262190	50.370	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	22439	51.853	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	158863	51.066	ug/l	99
94) Hexachlorobutadiene	15.105	225	93350	50.979	ug/l	97
95) Naphthalene	15.233	128	348360	54.985	ug/l	98
96) 1,2,3-Trichlorobenzene	15.416	180	144090	53.092	ug/l	99

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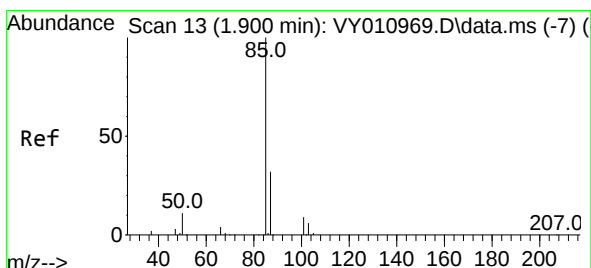
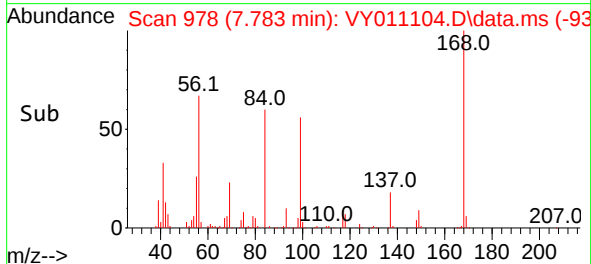
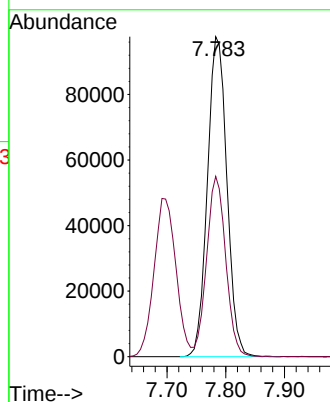
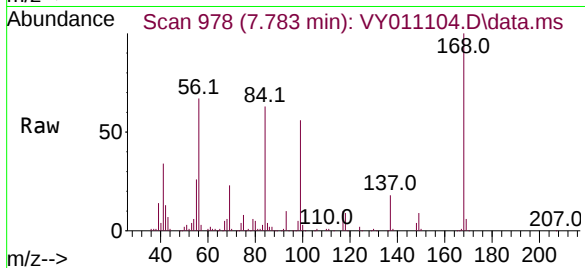
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

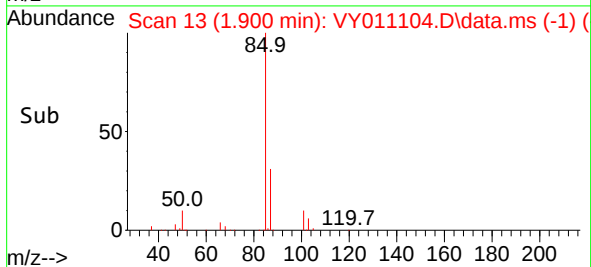
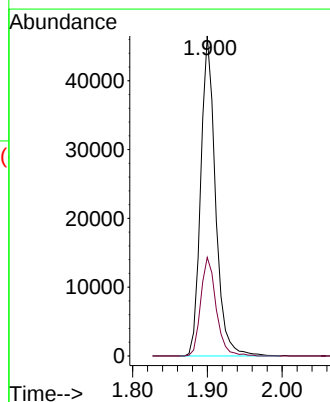
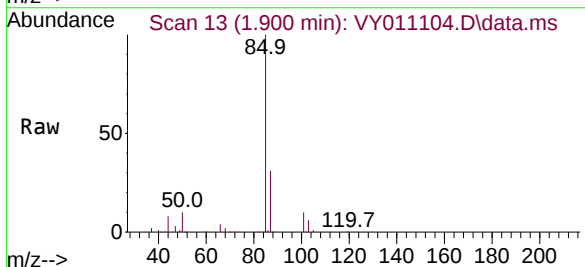
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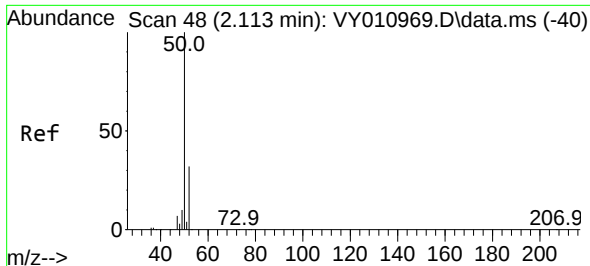
Tgt Ion:168 Resp: 224553
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 42.808 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 85 Resp: 63762
Ion Ratio Lower Upper
85 100
87 30.8 16.1 48.2

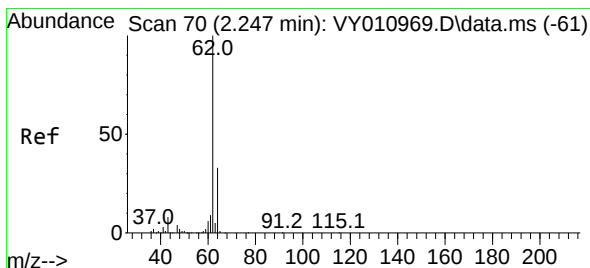
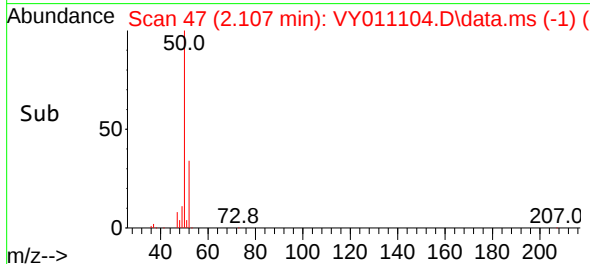
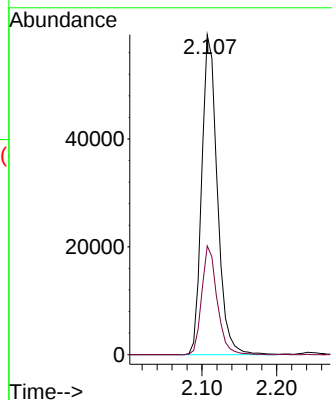
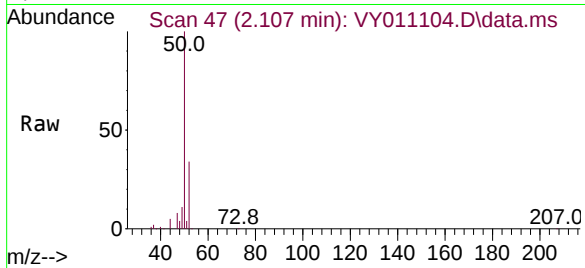




#3
Chloromethane
Concen: 40.265 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

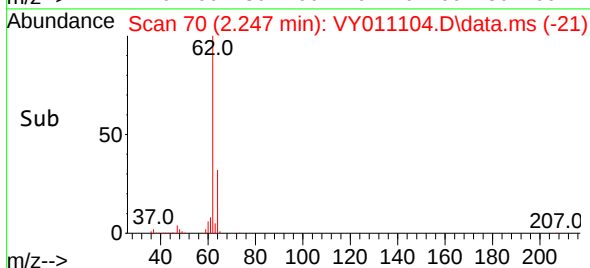
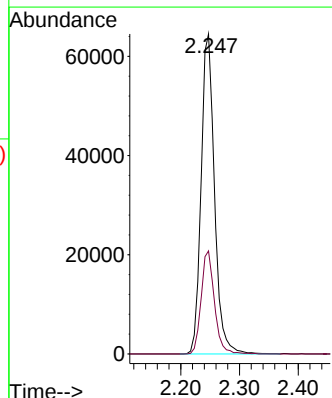
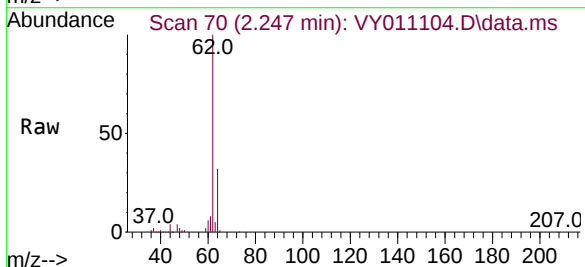
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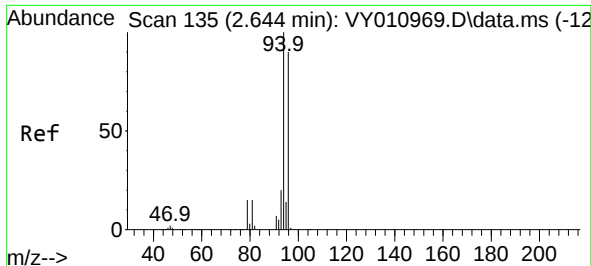
Tgt Ion: 50 Resp: 86043
Ion Ratio Lower Upper
50 100
52 34.0 24.6 37.0



#4
Vinyl Chloride
Concen: 42.188 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 62 Resp: 102181
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

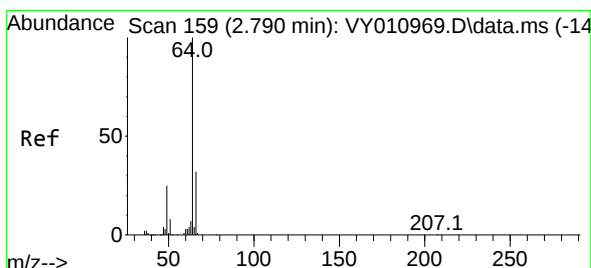
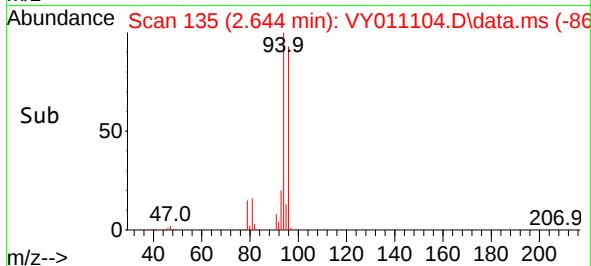
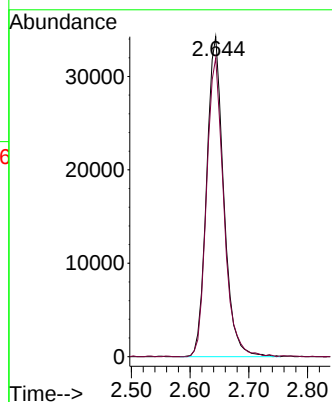
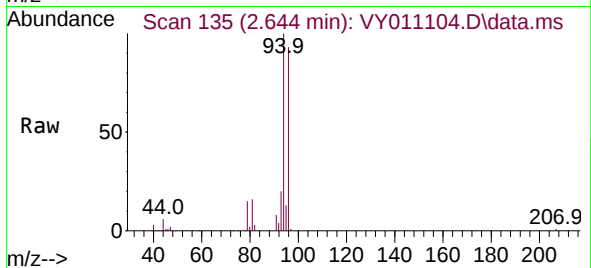




#5
Bromomethane
Concen: 41.417 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

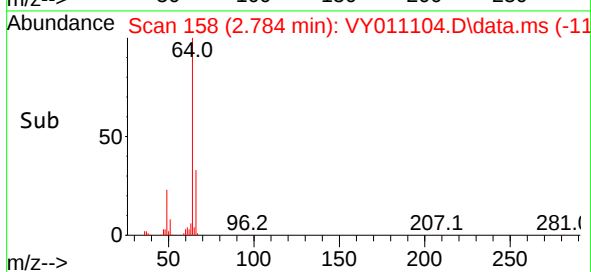
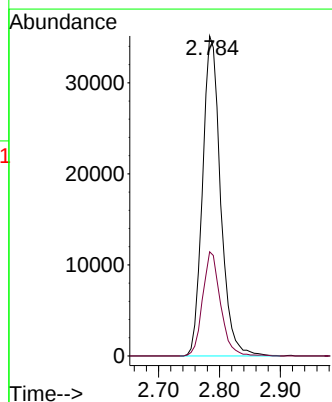
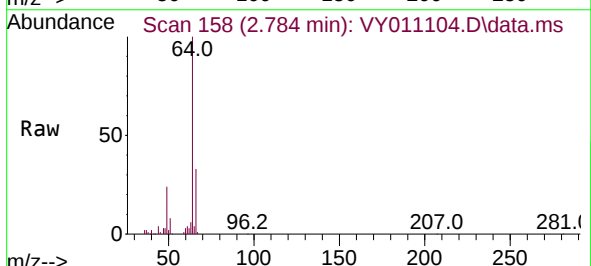
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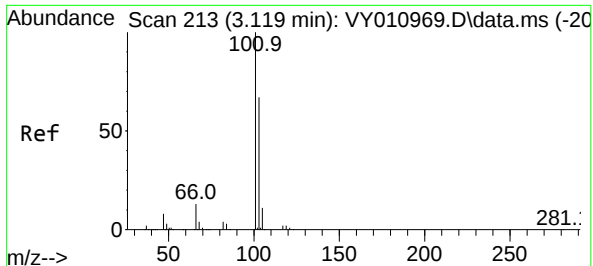
Tgt Ion: 94 Resp: 69382
Ion Ratio Lower Upper
94 100
96 93.3 73.5 110.3



#6
Chloroethane
Concen: 44.656 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 64 Resp: 72278
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0

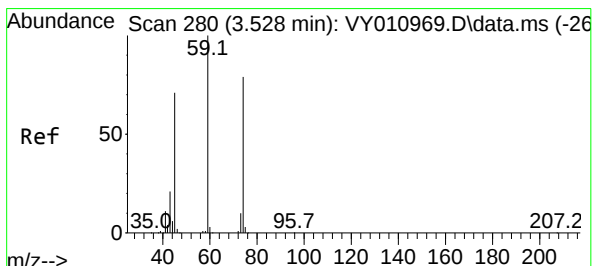
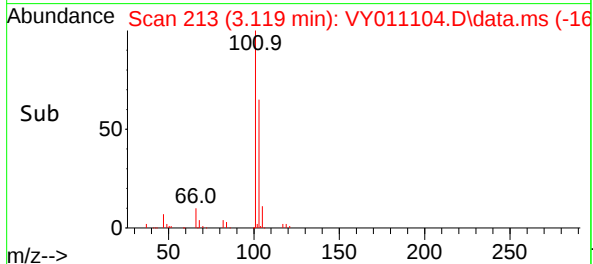
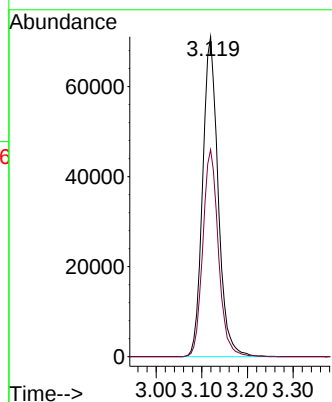
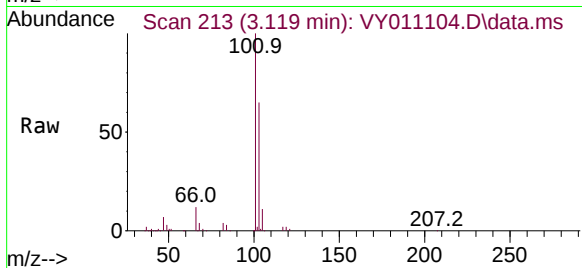




#7
 Trichlorofluoromethane
 Concen: 47.197 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY011104.D
 Acq: 25 Oct 2022 19:05

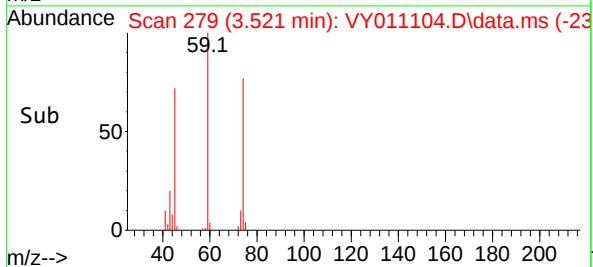
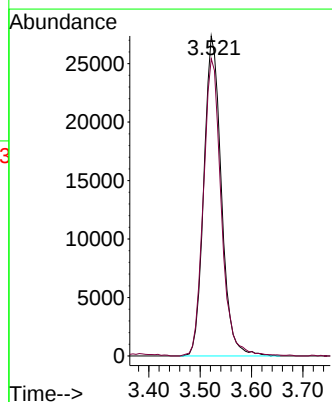
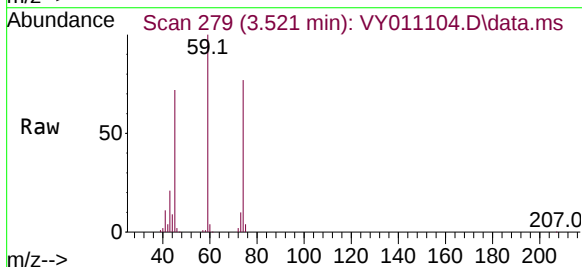
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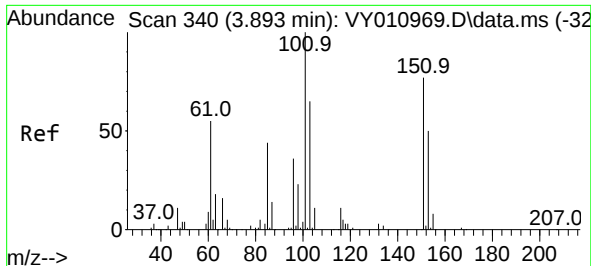
Tgt Ion: 101 Resp: 167316
 Ion Ratio Lower Upper
 101 100
 103 64.7 48.0 72.0



#8
 Diethyl Ether
 Concen: 48.730 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.007 min
 Lab File: VY011104.D
 Acq: 25 Oct 2022 19:05

Tgt Ion: 74 Resp: 64466
 Ion Ratio Lower Upper
 74 100
 45 95.1 55.1 165.5

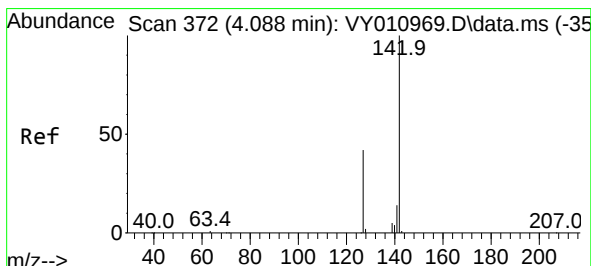
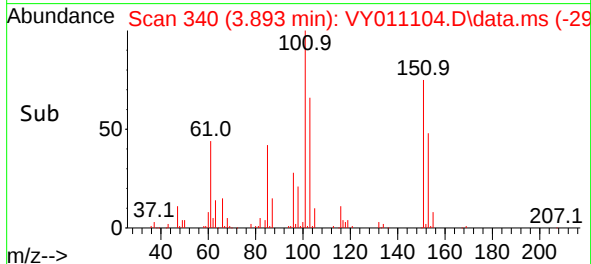
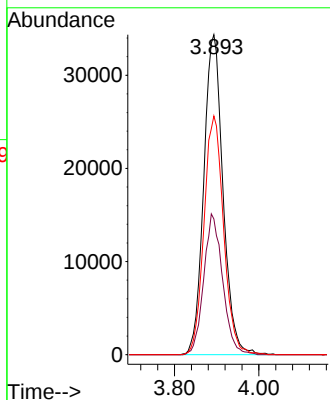
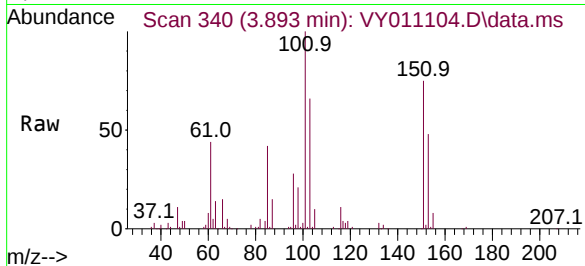




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.070 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY011104.D
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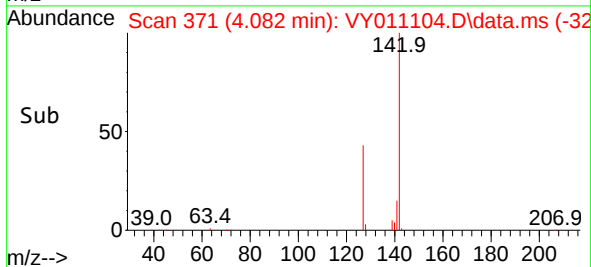
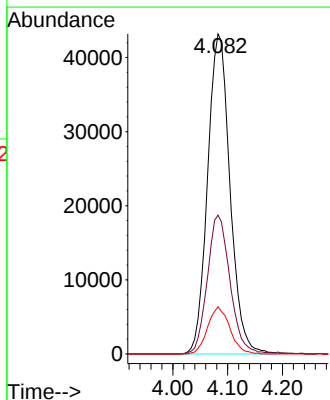
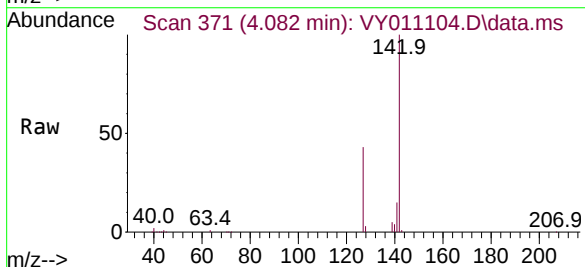
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ClientSampleId :
VSTDCCC050EC

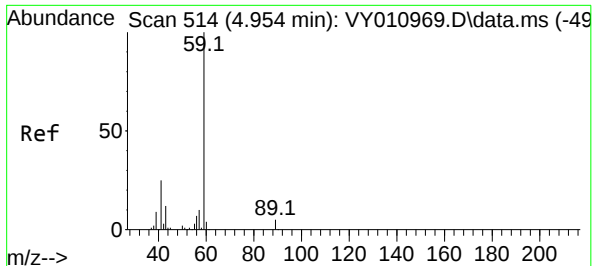
Tgt Ion:101 Resp: 109114
Ion Ratio Lower Upper
101 100
85 43.1 40.6 60.8
151 76.1 64.9 97.3



#10
Methyl Iodide
Concen: 45.048 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion:142 Resp: 122573
Ion Ratio Lower Upper
142 100
127 43.9 41.5 62.3
141 14.6 11.9 17.9

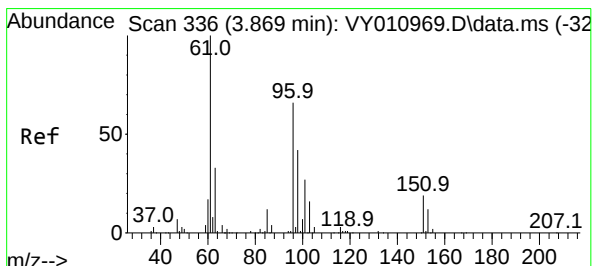
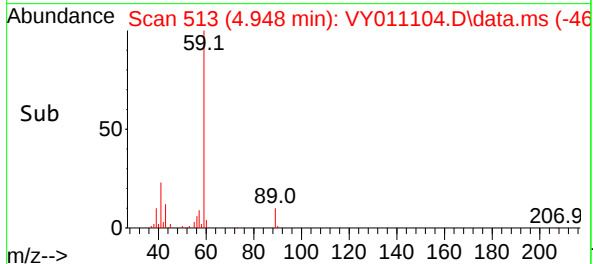
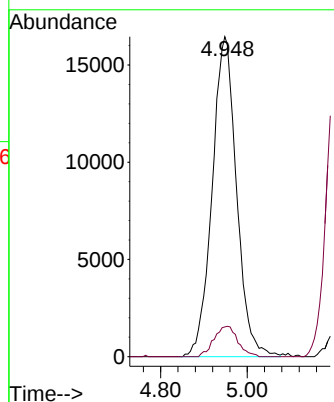
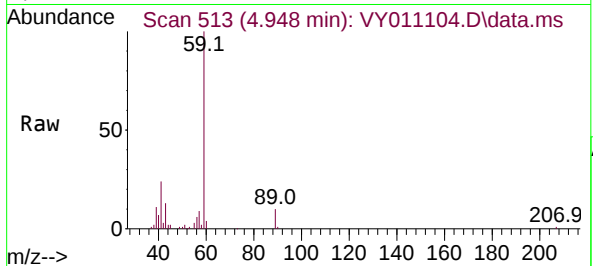




#11
Tert butyl alcohol
Concen: 279.320 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

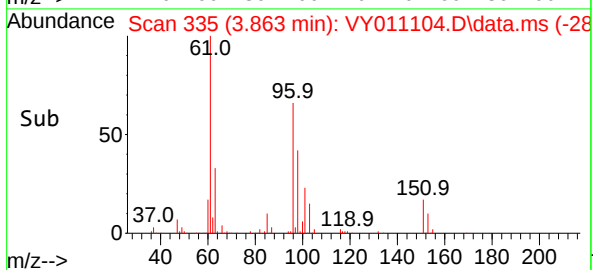
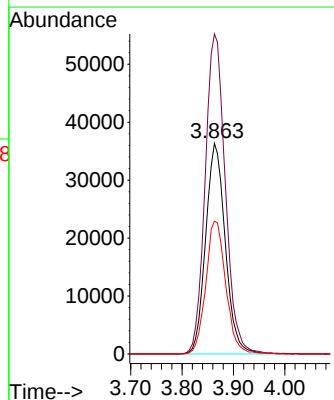
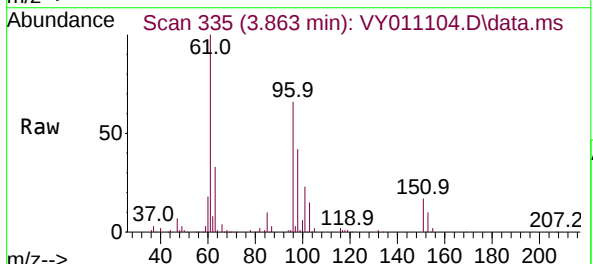
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

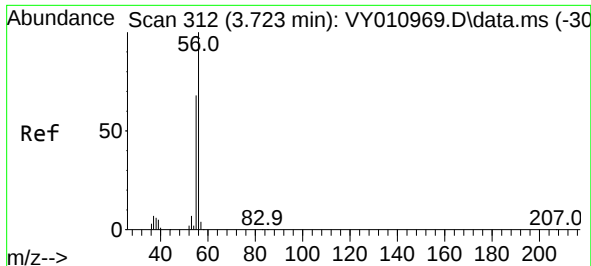
Tgt Ion: 59 Resp: 64449
Ion Ratio Lower Upper
59 100
57 9.2 6.4 9.6



#12
1,1-Dichloroethene
Concen: 45.337 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 96 Resp: 96575
Ion Ratio Lower Upper
96 100
61 151.9 145.8 218.6
98 63.1 52.5 78.7





#13

Acrolein

Concen: 185.158 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

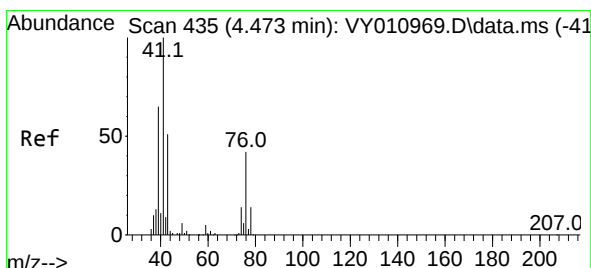
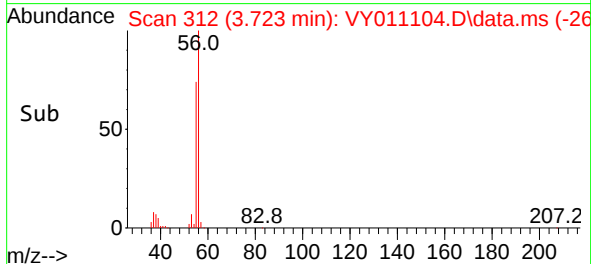
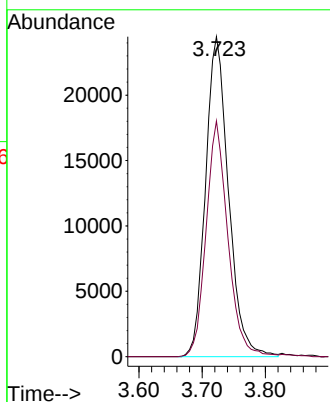
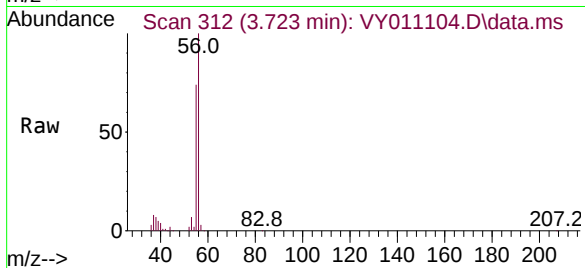
VSTDCCC050EC

Tgt Ion: 56 Resp: 61743

Ion Ratio Lower Upper

56 100

55 69.9 57.6 86.4



#14

Allyl chloride

Concen: 46.708 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

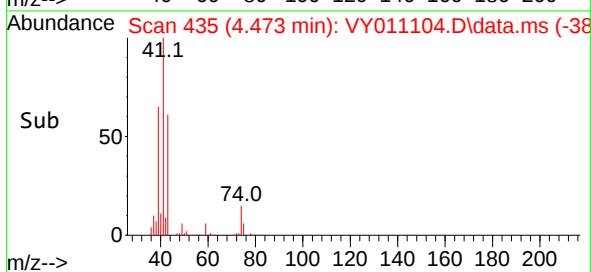
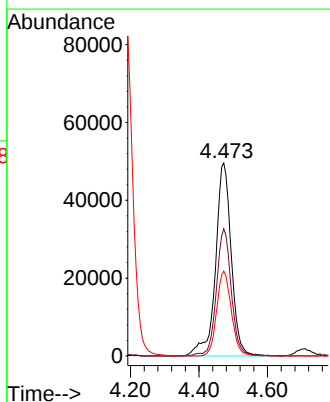
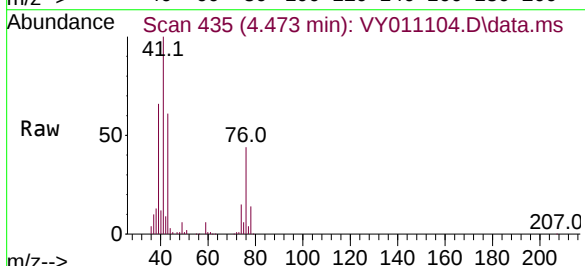
Tgt Ion: 41 Resp: 157782

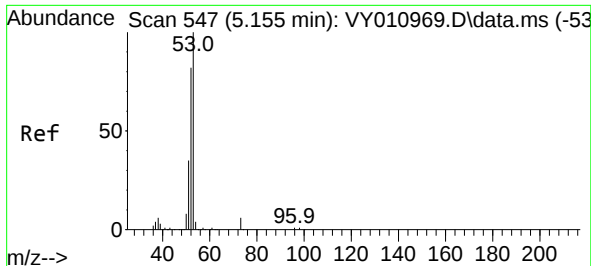
Ion Ratio Lower Upper

41 100

39 62.3 58.8 88.2

76 40.7 25.1 37.7#

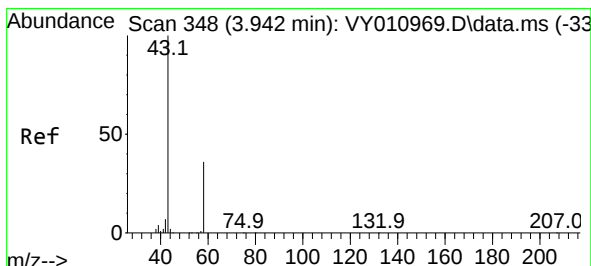
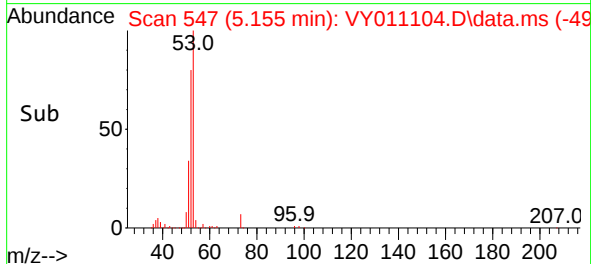
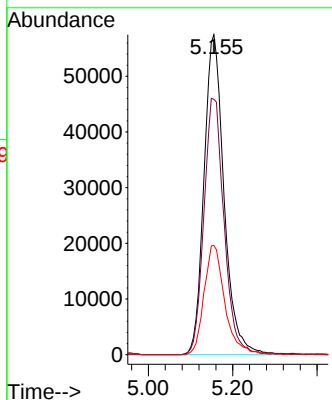
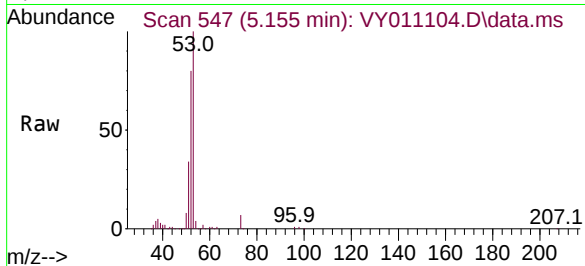




#15
Acrylonitrile
Concen: 275.565 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

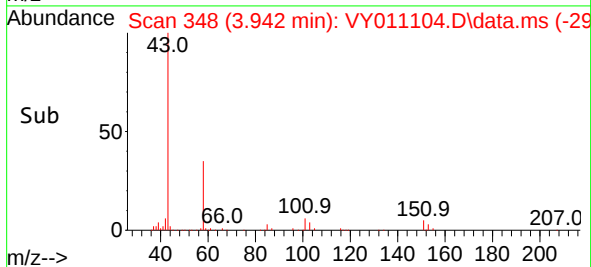
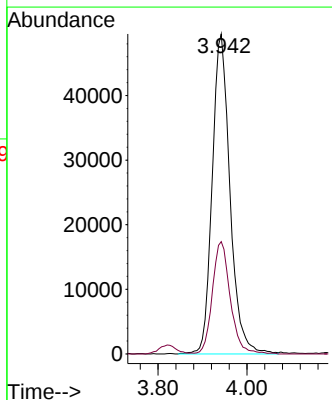
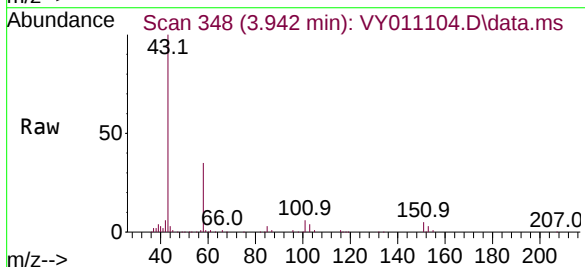
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

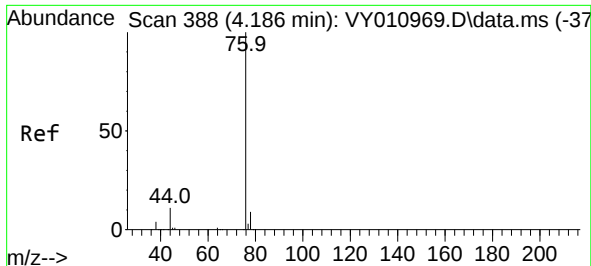
Tgt Ion: 53 Resp: 190024
Ion Ratio Lower Upper
53 100
52 81.0 67.0 100.4
51 35.4 29.8 44.6



#16
Acetone
Concen: 228.892 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 43 Resp: 137490
Ion Ratio Lower Upper
43 100
58 35.1 22.0 33.0#

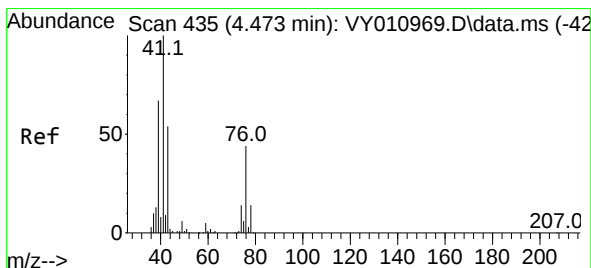
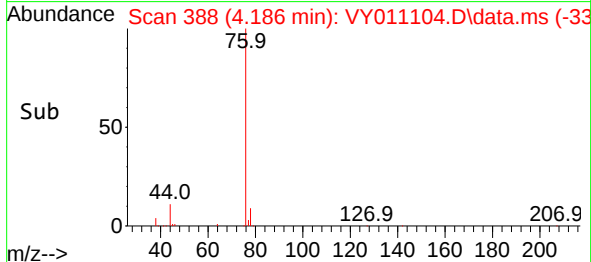
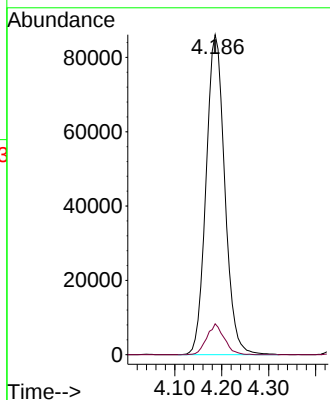
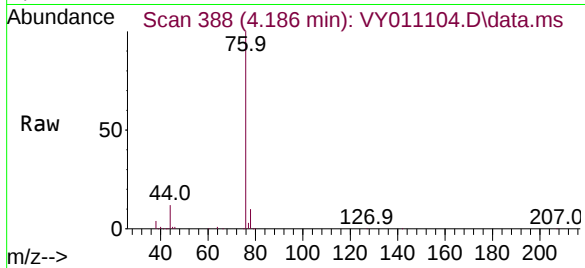




#17
Carbon Disulfide
Concen: 38.008 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

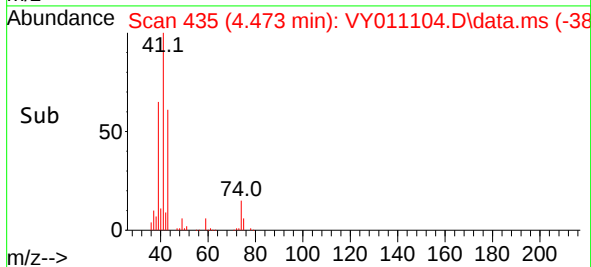
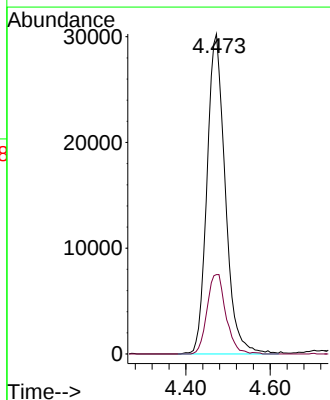
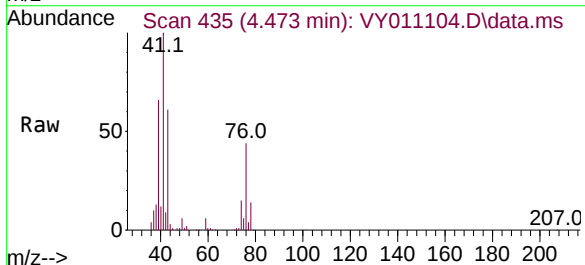
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

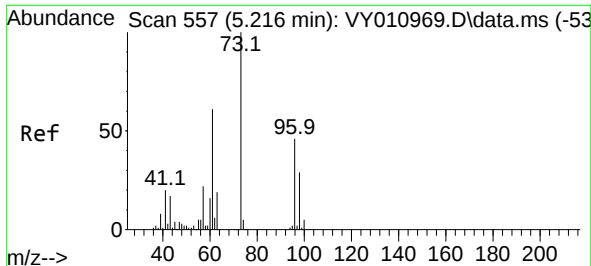
Tgt Ion: 76 Resp: 237355
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 54.115 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 43 Resp: 91051
Ion Ratio Lower Upper
43 100
74 25.5 16.6 24.8#

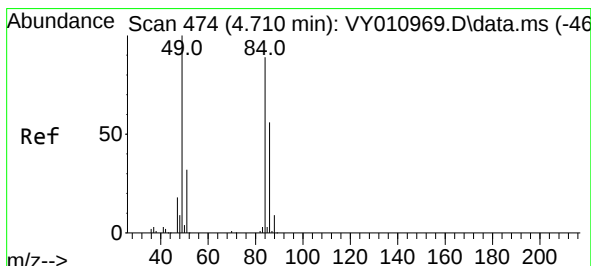
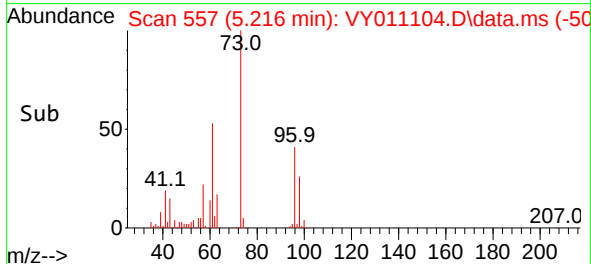
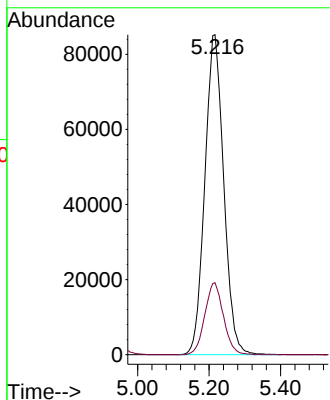
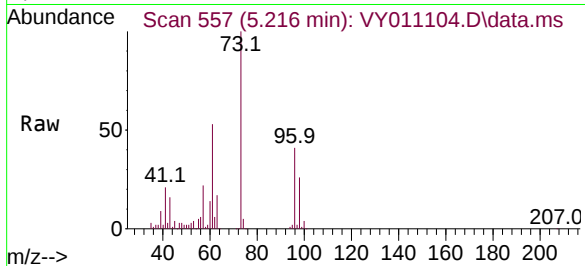




#19
Methyl tert-butyl Ether
Concen: 52.454 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

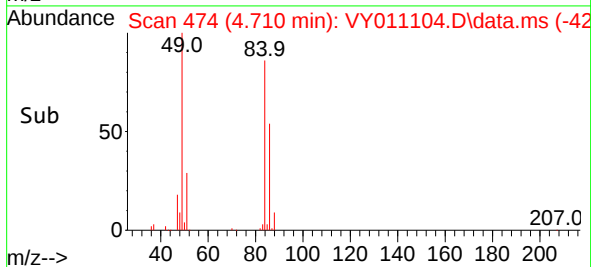
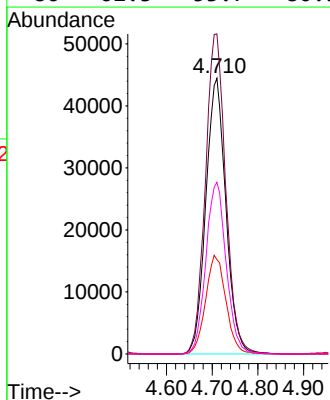
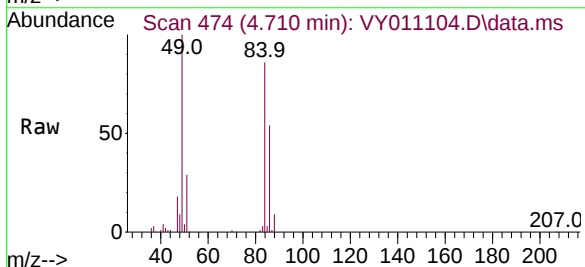
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

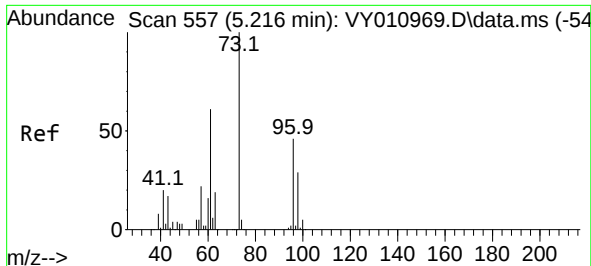
Tgt Ion: 73 Resp: 312189
Ion Ratio Lower Upper
73 100
57 22.5 18.6 27.8



#20
Methylene Chloride
Concen: 52.127 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 84 Resp: 135749
Ion Ratio Lower Upper
84 100
49 116.1 114.4 171.6
51 34.2 35.3 52.9#
86 62.3 53.7 80.5

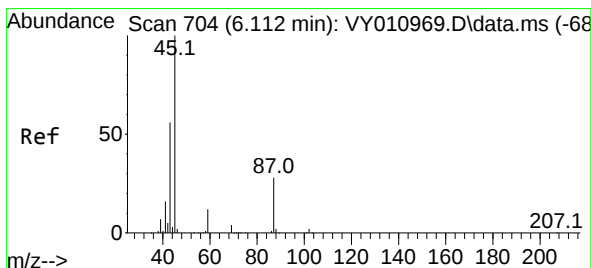
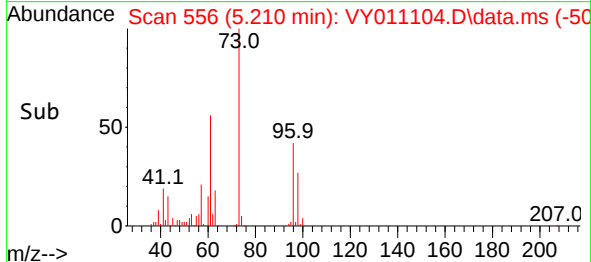
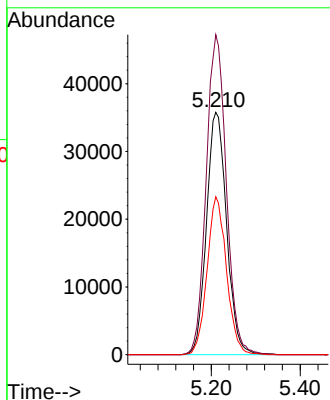
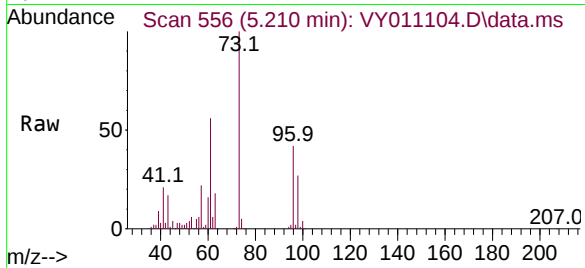




#21
trans-1,2-Dichloroethene
Concen: 46.848 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

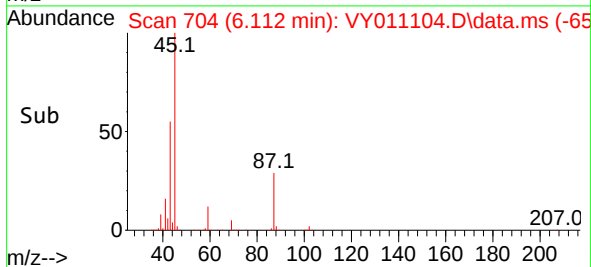
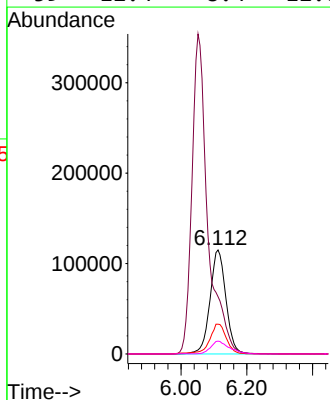
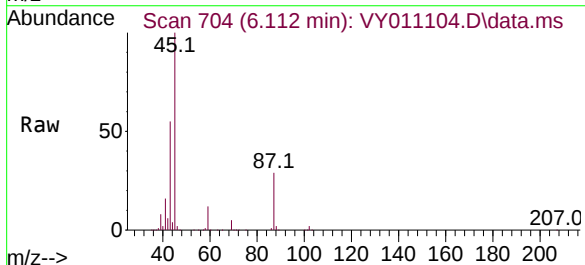
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

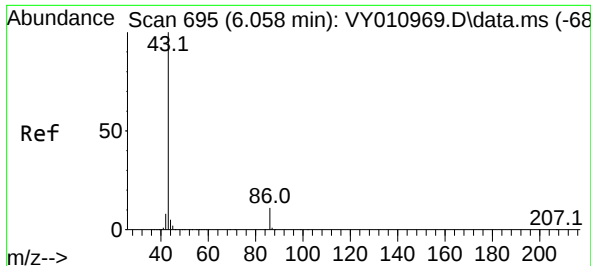
Tgt Ion: 96 Resp: 112660
Ion Ratio Lower Upper
96 100
61 132.0 120.5 180.7
98 65.2 49.8 74.8



#22
Diisopropyl ether
Concen: 53.348 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 45 Resp: 385955
Ion Ratio Lower Upper
45 100
43 54.9 49.3 73.9
87 28.6 19.2 28.8
59 12.4 8.4 12.6

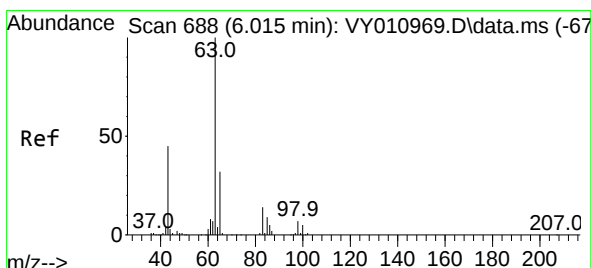
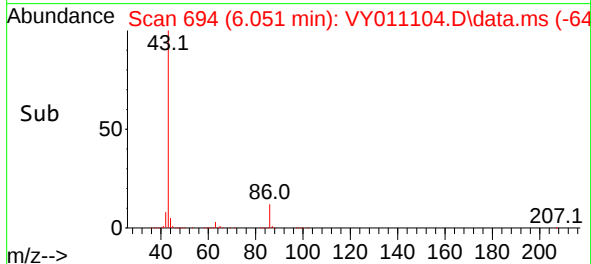
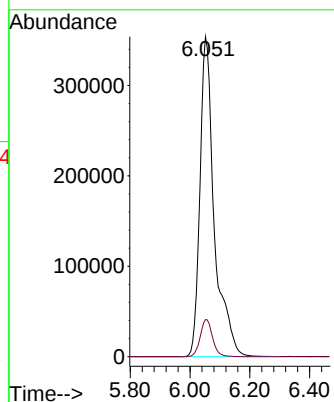
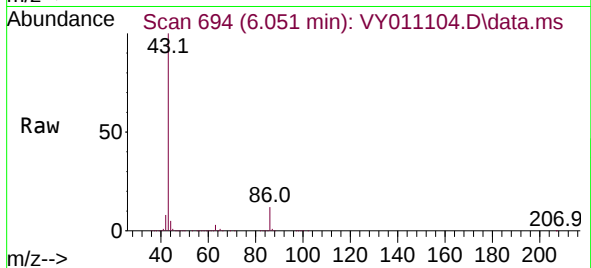




#23
 Vinyl Acetate
 Concen: 272.931 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VY011104.D
 Acq: 25 Oct 2022 19:05

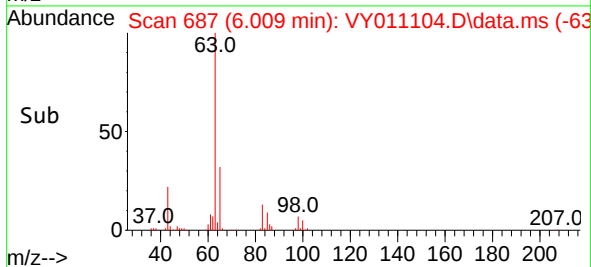
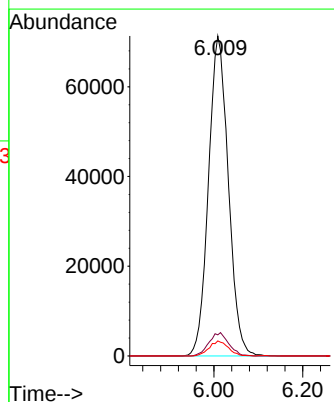
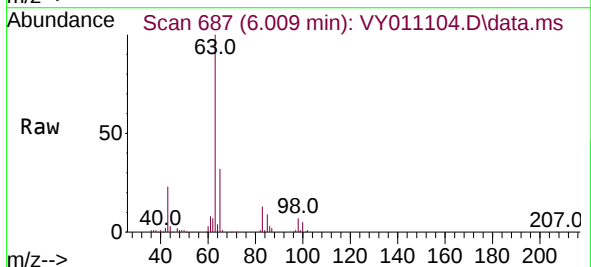
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1180761
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.646 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY011104.D
 Acq: 25 Oct 2022 19:05

Tgt Ion: 63 Resp: 221223
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.7 2.0 5.8

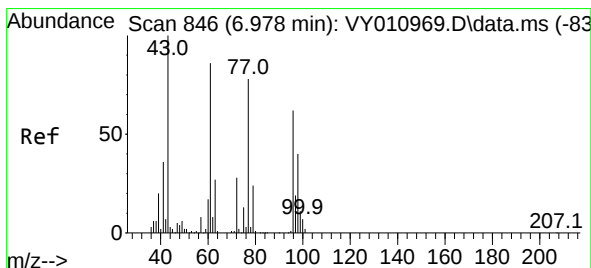
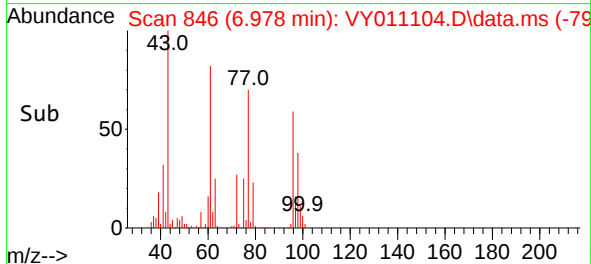
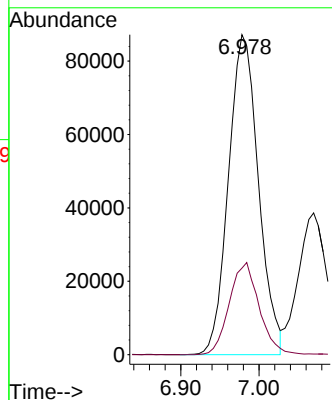
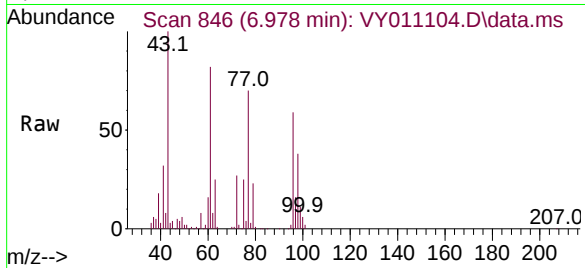




#25
2-Butanone
Concen: 254.944 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

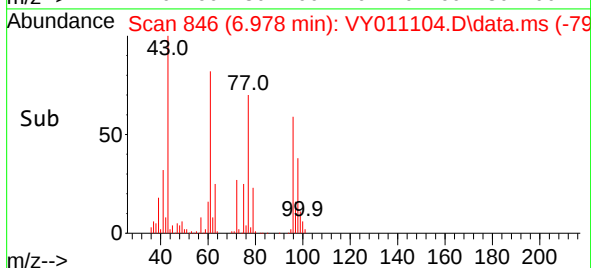
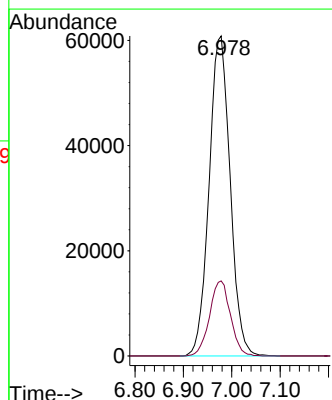
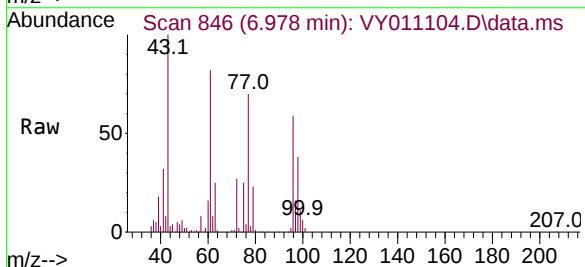
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 232238
Ion Ratio Lower Upper
43 100
72 27.1 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 47.374 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 77 Resp: 183758
Ion Ratio Lower Upper
77 100
97 23.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 50.593 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

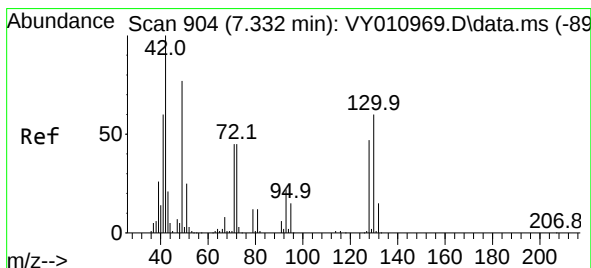
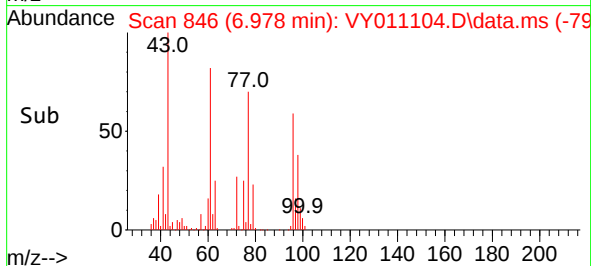
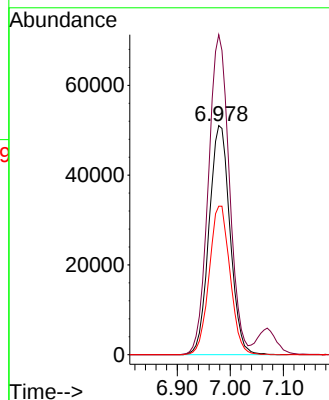
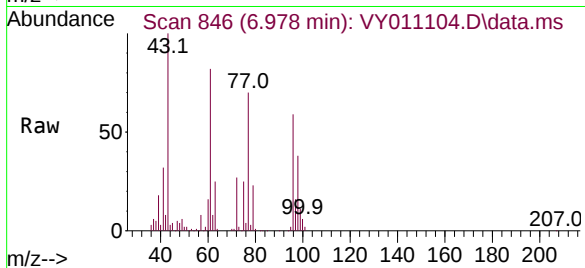
Tgt Ion: 96 Resp: 140220

Ion Ratio Lower Upper

96 100

61 139.3 0.0 319.8

98 64.5 0.0 127.0



#28

Bromochloromethane

Concen: 53.312 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

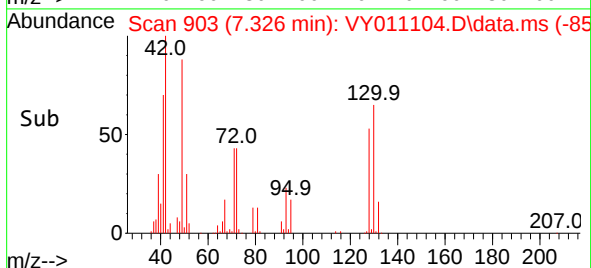
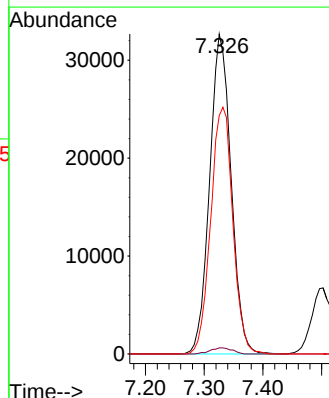
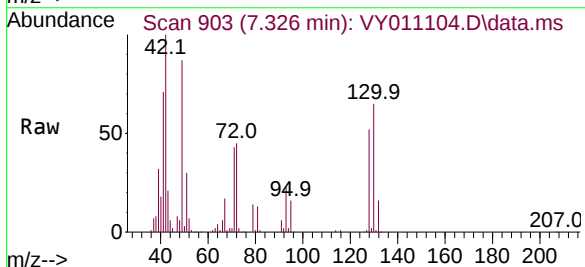
Tgt Ion: 49 Resp: 82906

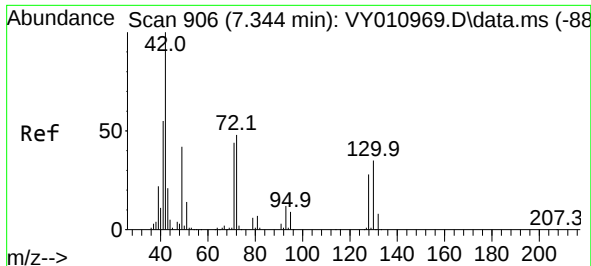
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 79.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 274.196 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

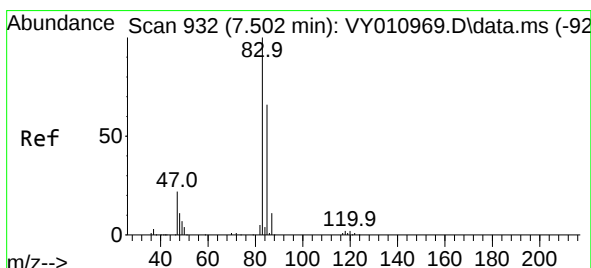
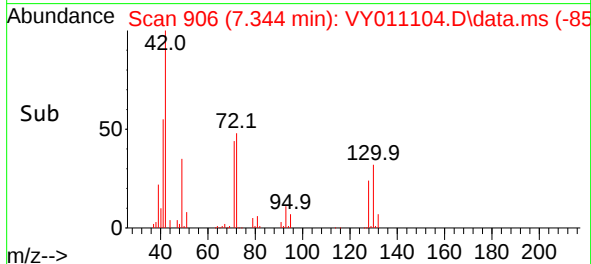
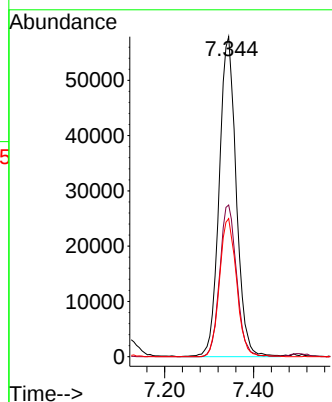
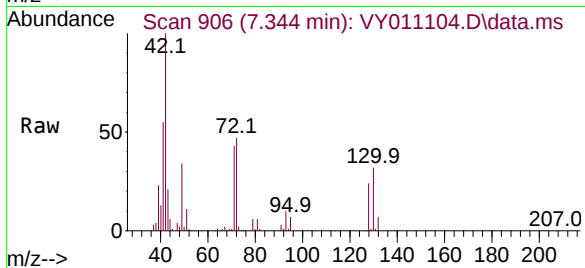
Tgt Ion: 42 Resp: 153674

Ion Ratio Lower Upper

42 100

72 47.1 30.3 45.5#

71 43.3 29.0 43.4



#30

Chloroform

Concen: 52.807 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY011104.D

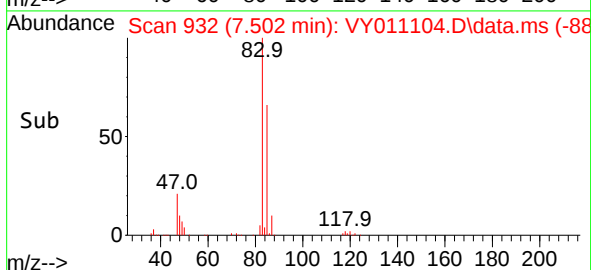
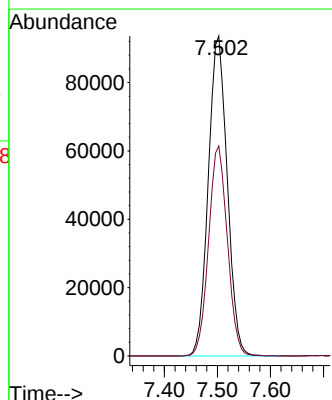
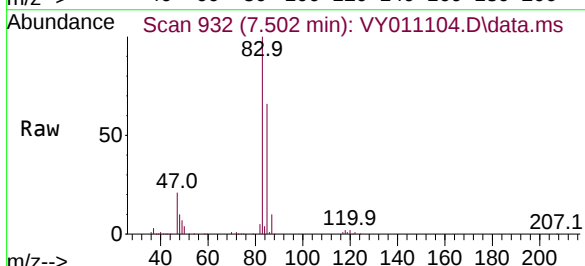
Acq: 25 Oct 2022 19:05

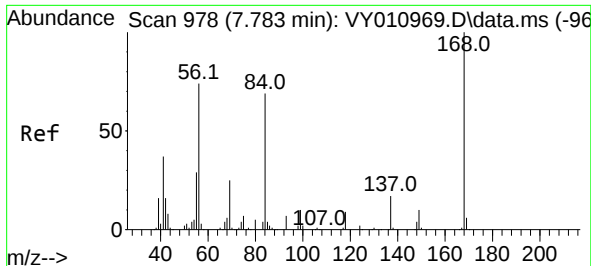
Tgt Ion: 83 Resp: 232518

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.6

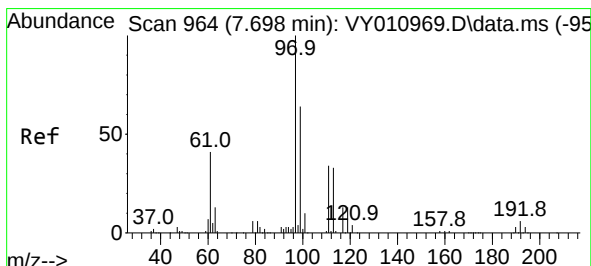
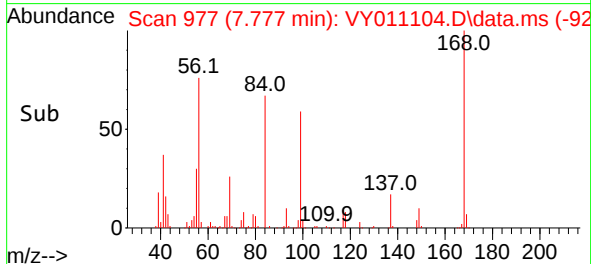
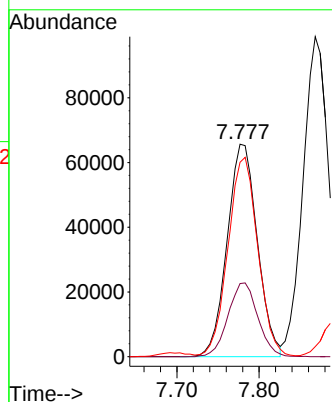
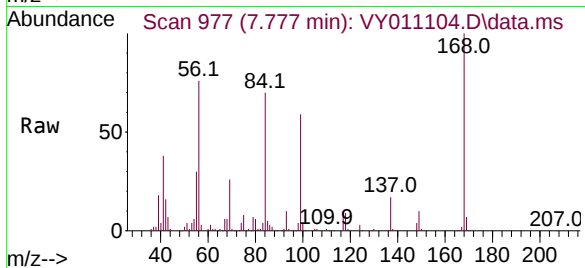




#31
Cyclohexane
Concen: 42.282 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

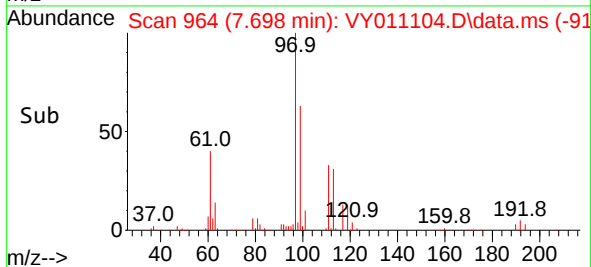
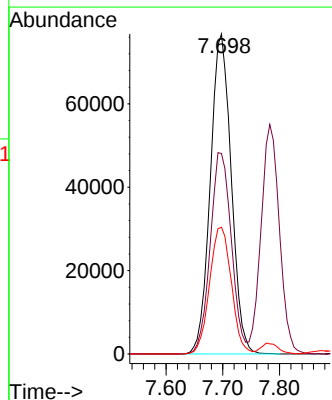
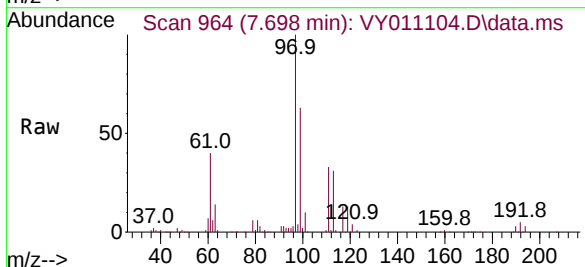
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

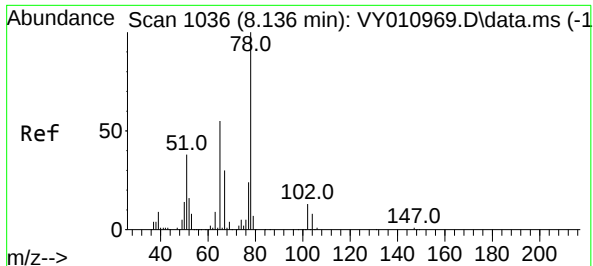
Tgt Ion: 56 Resp: 167362
Ion Ratio Lower Upper
56 100
69 34.4 26.7 40.1
84 89.7 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.774 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 97 Resp: 196518
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 41.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 41.974 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

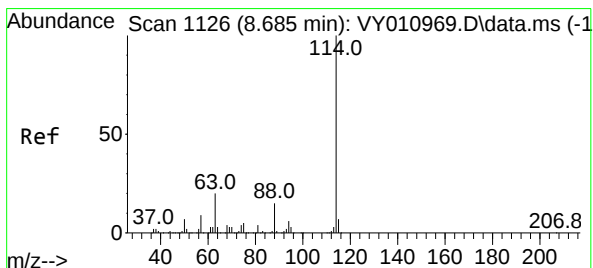
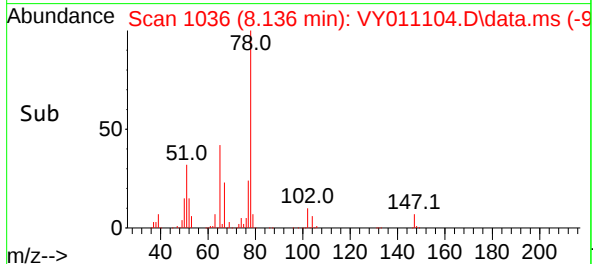
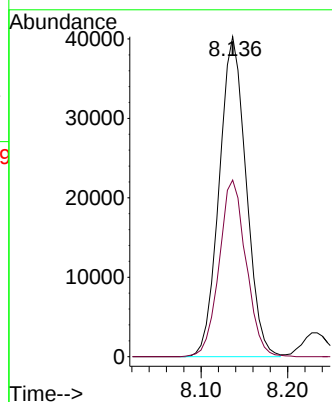
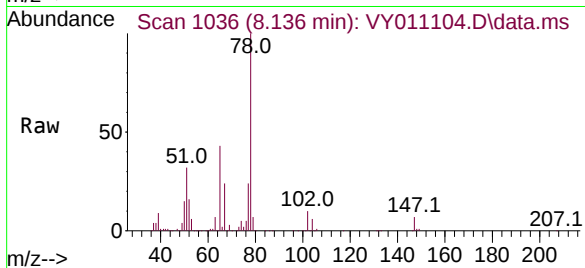
VSTDCCC050EC

Tgt Ion: 65 Resp: 86822

Ion Ratio Lower Upper

65 100

67 55.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

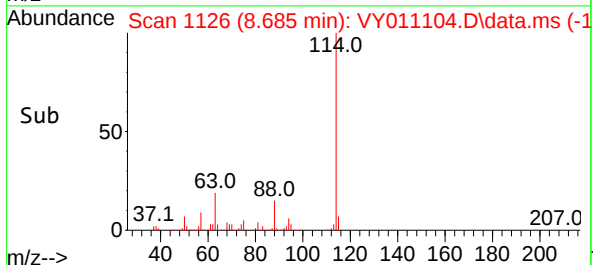
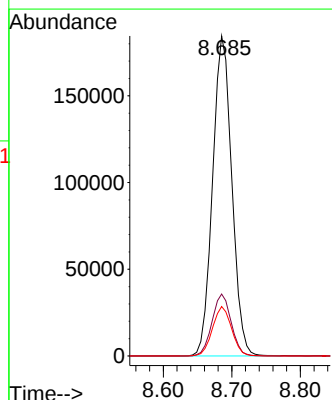
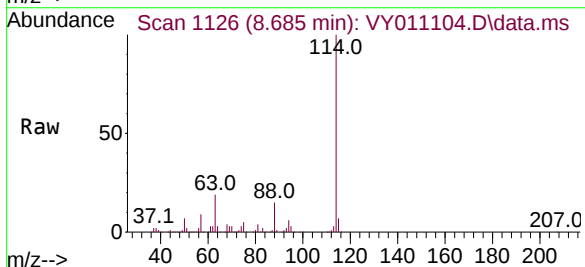
Tgt Ion: 114 Resp: 359587

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.5 0.0 31.8

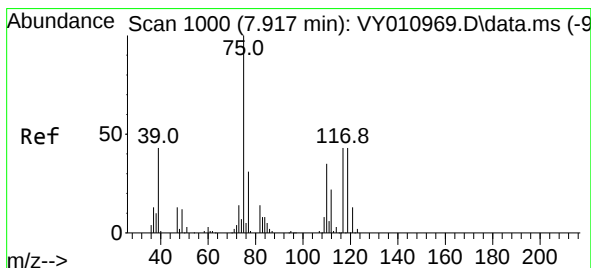
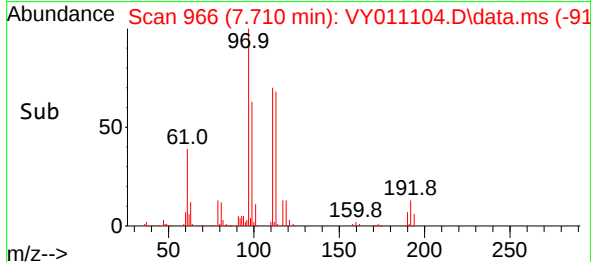
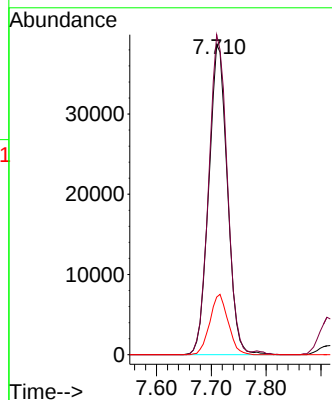
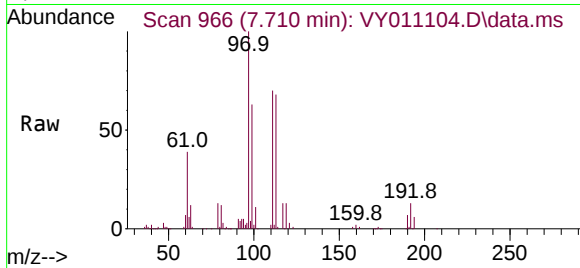




#35
Dibromofluoromethane
Concen: 45.205 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

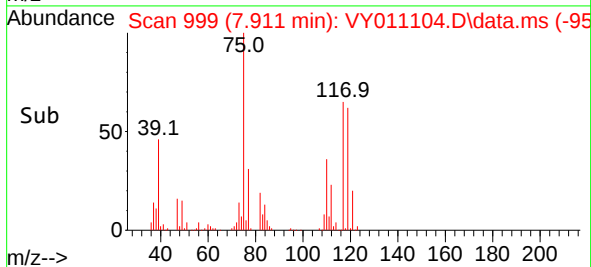
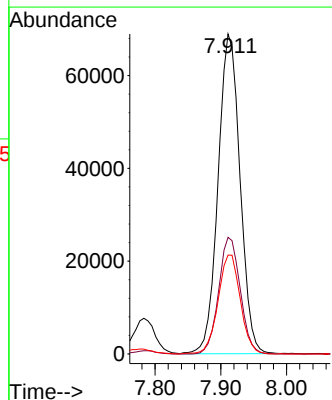
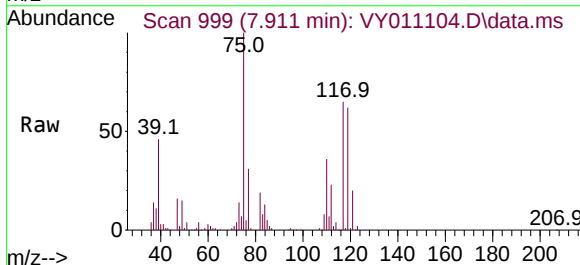
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 91024
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 47.841 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 75 Resp: 160144
Ion Ratio Lower Upper
75 100
110 35.8 17.1 51.2
77 31.4 24.4 36.6

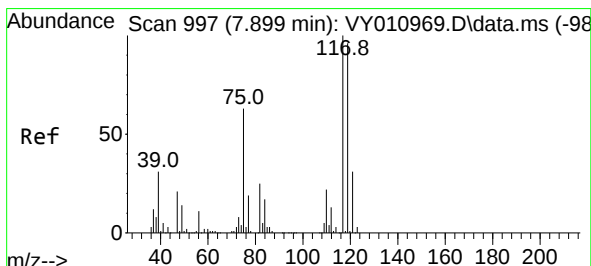
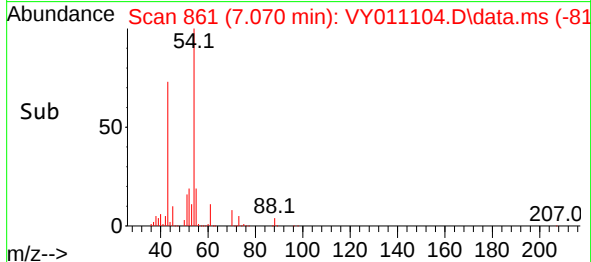
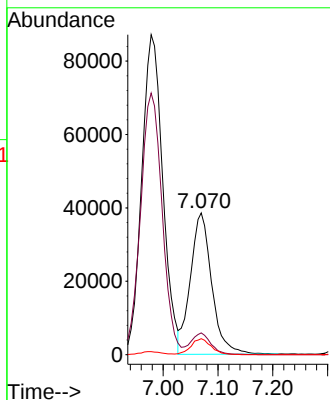
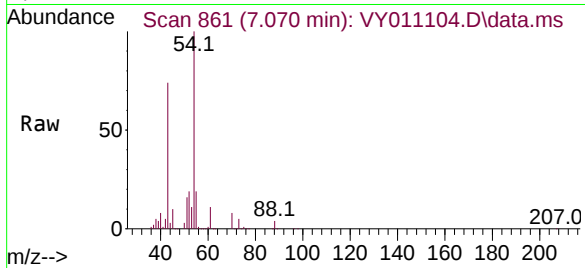




#37
Ethyl Acetate
Concen: 56.385 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

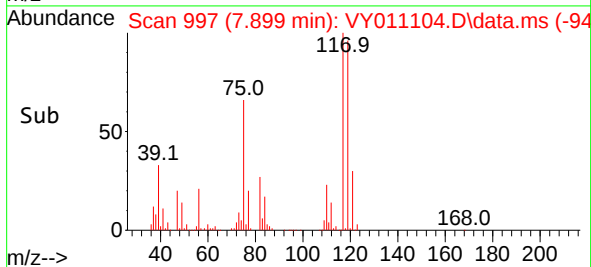
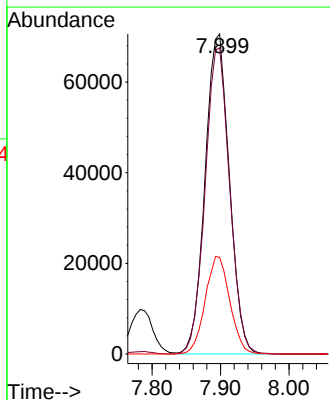
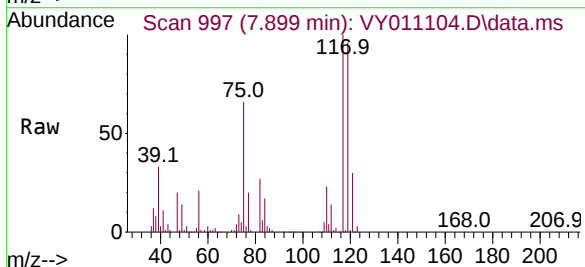
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

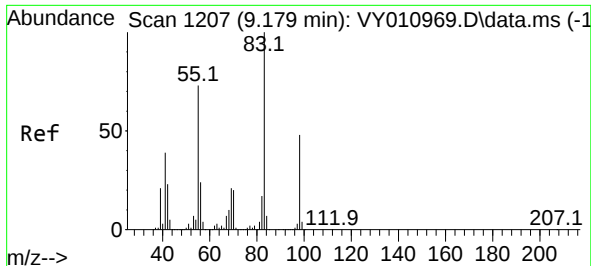
Tgt Ion: 43 Resp: 104497
Ion Ratio Lower Upper
43 100
61 14.0 9.7 14.5
70 10.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.523 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 117 Resp: 174580
Ion Ratio Lower Upper
117 100
119 95.7 77.9 116.9
121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 45.564 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

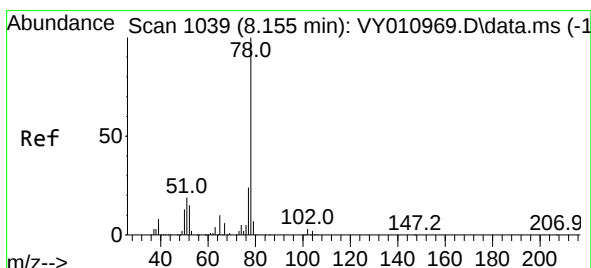
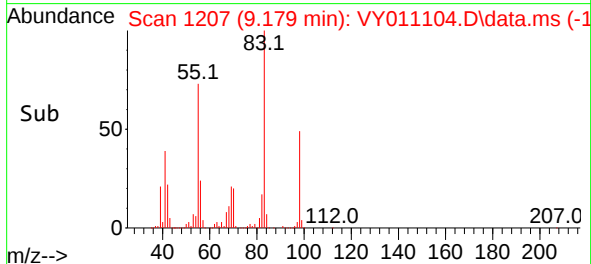
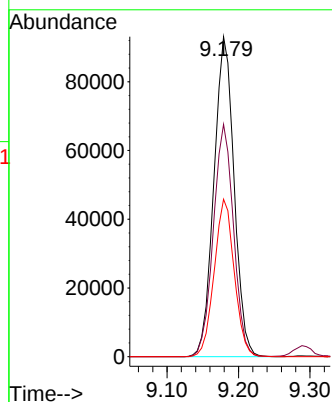
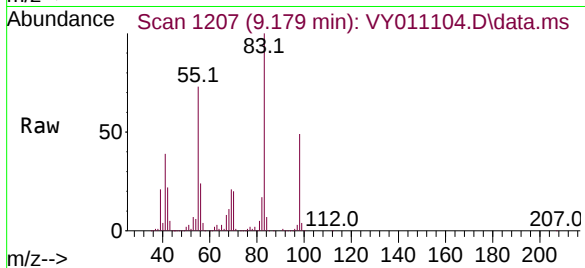
Tgt Ion: 83 Resp: 182683

Ion Ratio Lower Upper

83 100

55 72.6 66.5 99.7

98 49.2 37.9 56.9



#40

Benzene

Concen: 49.636 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY011104.D

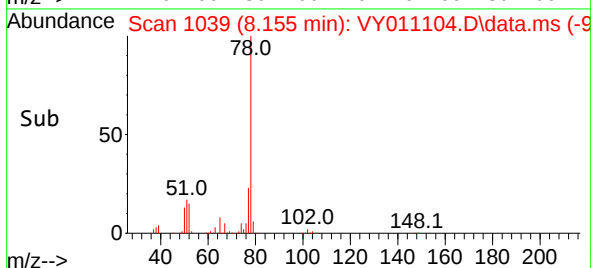
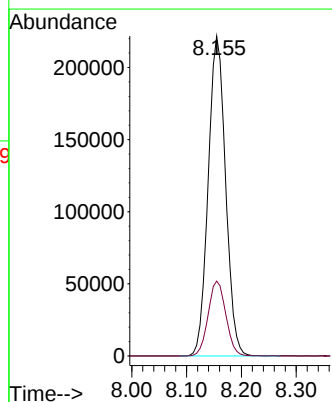
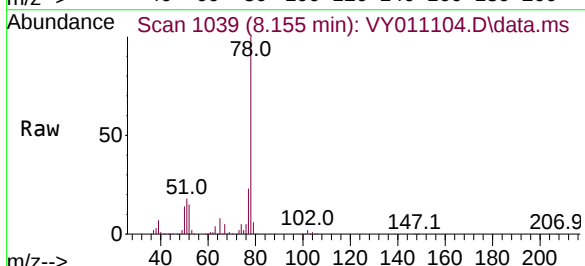
Acq: 25 Oct 2022 19:05

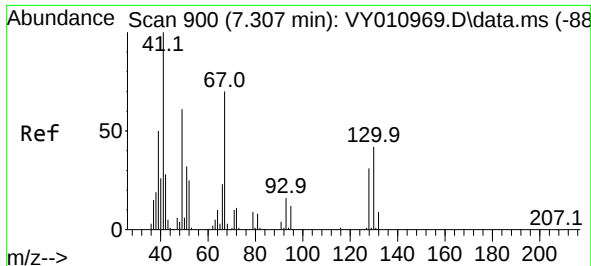
Tgt Ion: 78 Resp: 487510

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

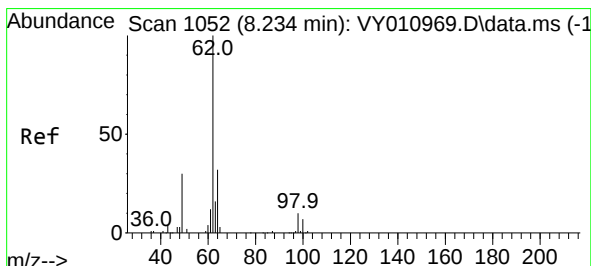
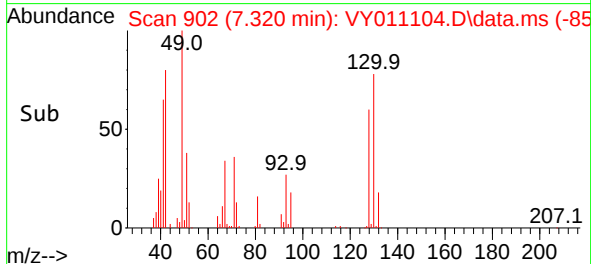
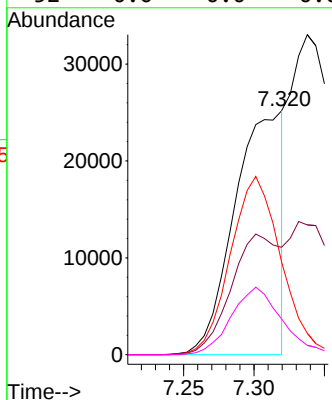
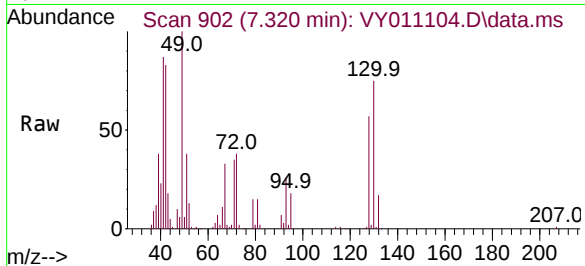




#41
Methacrylonitrile
Concen: 60.043 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.013 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

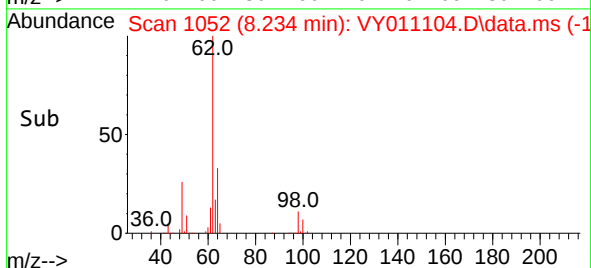
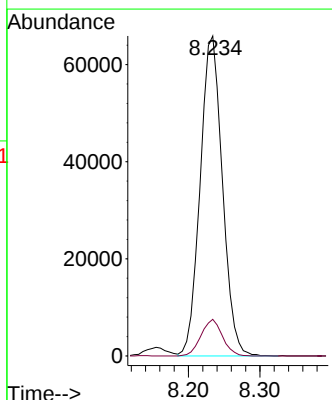
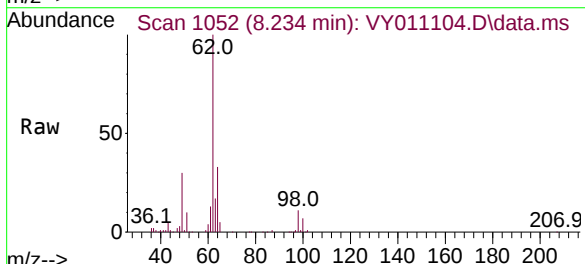
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

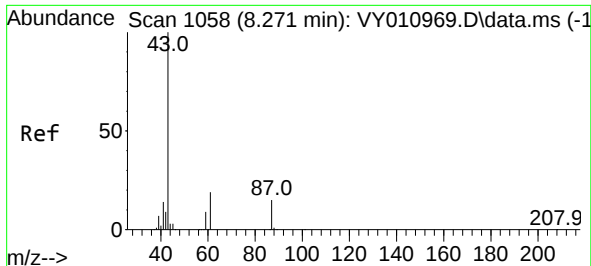
Tgt Ion: 41 Resp: 60302
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.356 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 62 Resp: 142485
Ion Ratio Lower Upper
62 100
98 11.0 0.0 14.8

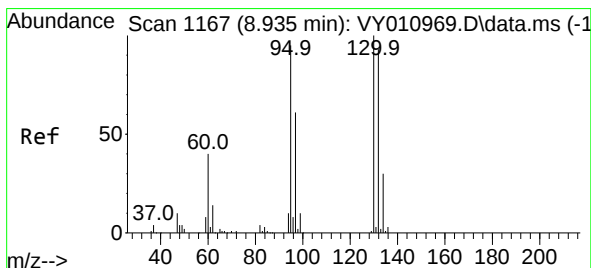
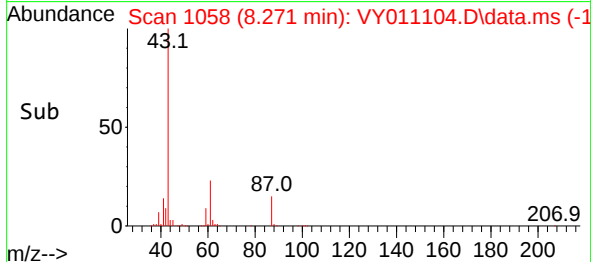
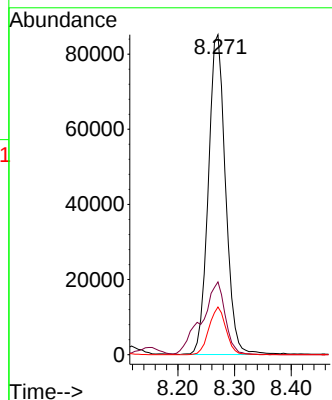
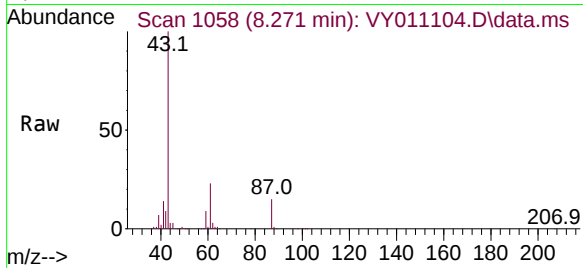




#43
Isopropyl Acetate
Concen: 54.191 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

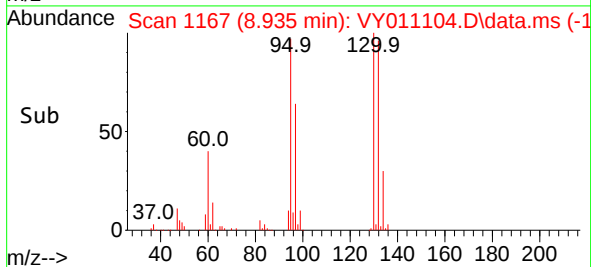
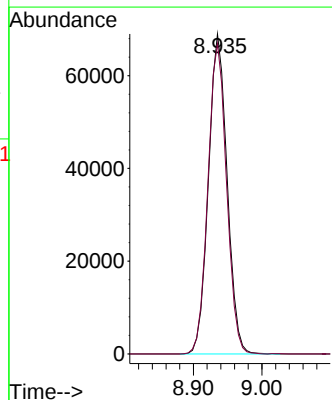
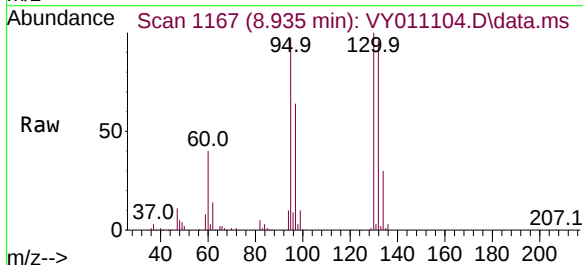
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

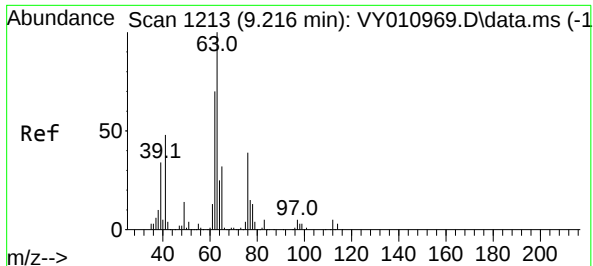
Tgt Ion: 43 Resp: 179439
Ion Ratio Lower Upper
43 100
61 31.3 20.2 30.2#
87 14.7 8.9 13.3#



#44
Trichloroethene
Concen: 49.138 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion:130 Resp: 130788
Ion Ratio Lower Upper
130 100
95 97.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.298 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

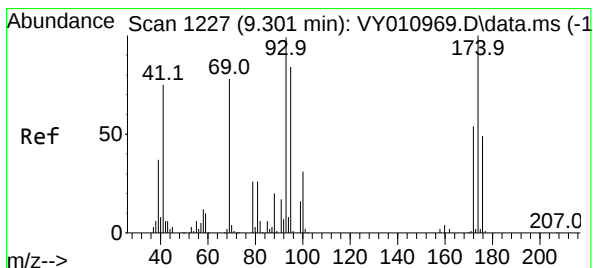
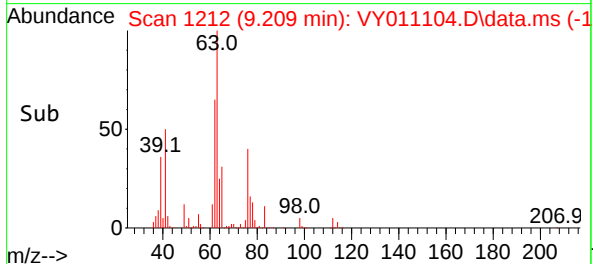
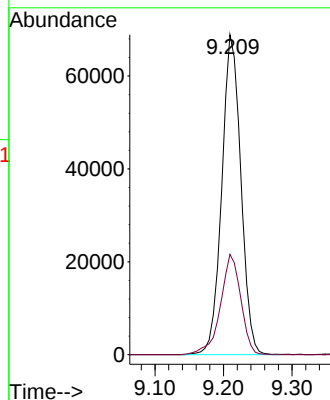
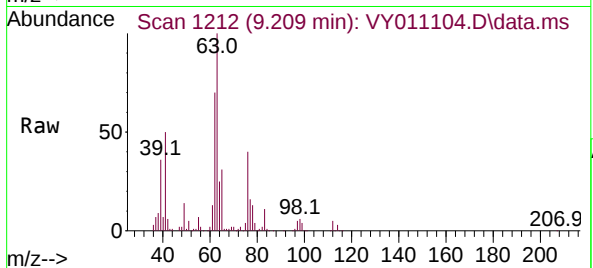
VSTDCCC050EC

Tgt Ion: 63 Resp: 132820

Ion Ratio Lower Upper

63 100

65 31.3 23.0 34.6



#46

Dibromomethane

Concen: 53.724 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

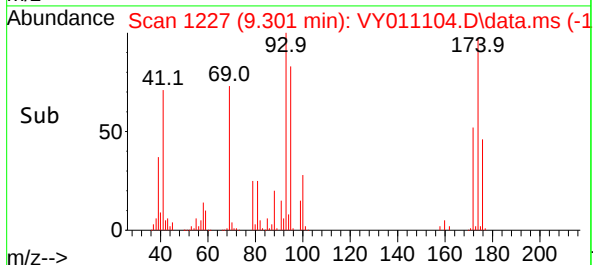
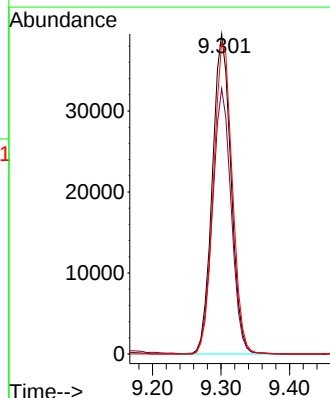
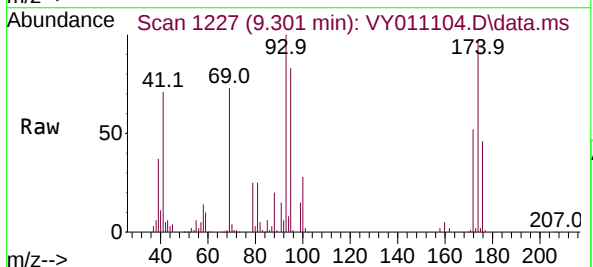
Tgt Ion: 93 Resp: 74671

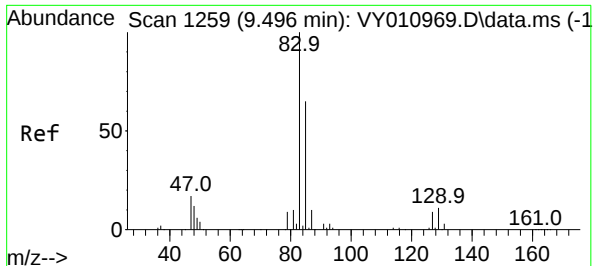
Ion Ratio Lower Upper

93 100

95 82.7 64.3 96.5

174 98.1 83.4 125.0

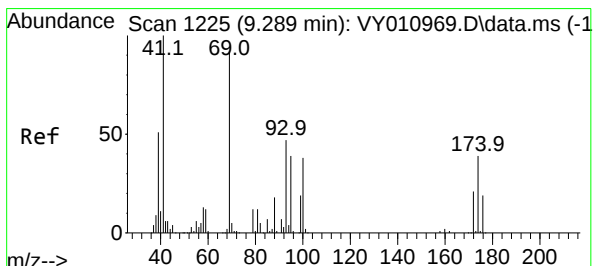
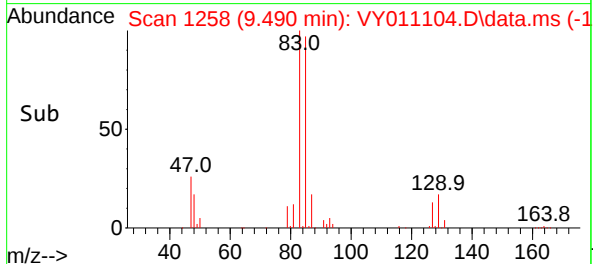
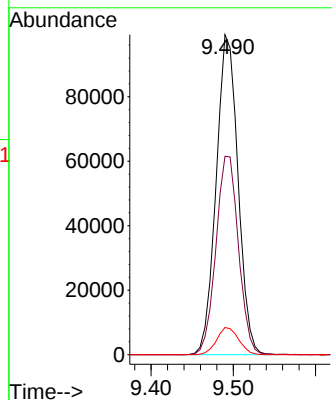
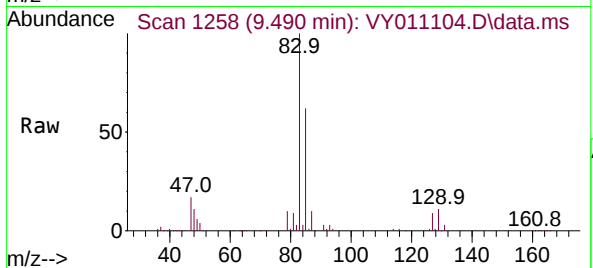




#47
Bromodichloromethane
Concen: 54.721 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

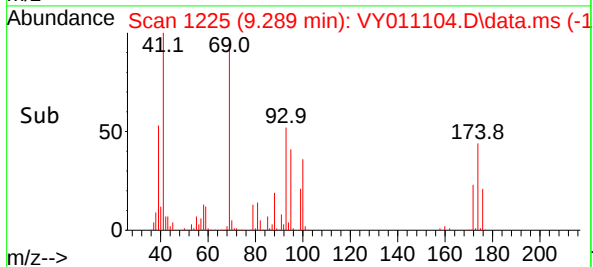
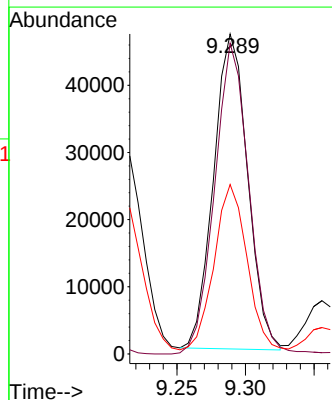
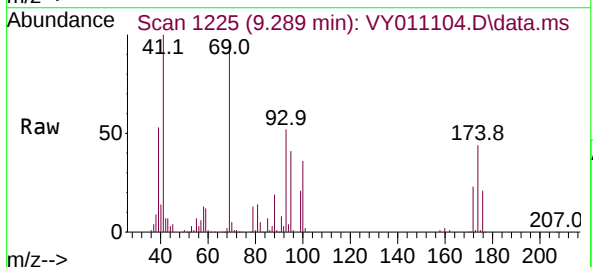
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

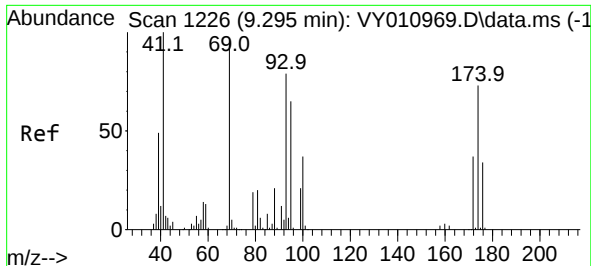
Tgt Ion: 83 Resp: 183284
Ion Ratio Lower Upper
83 100
85 62.0 51.9 77.9
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 54.602 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 41 Resp: 80916
Ion Ratio Lower Upper
41 100
69 99.8 58.2 87.2#
39 53.8 47.4 71.0





#49

1,4-Dioxane

Concen: 1141.214 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

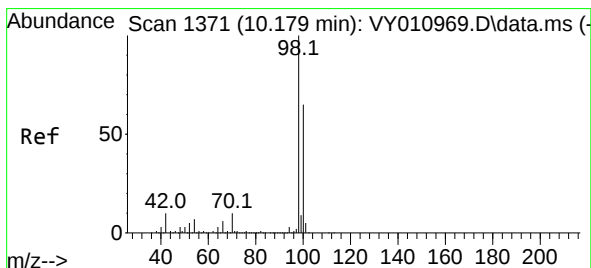
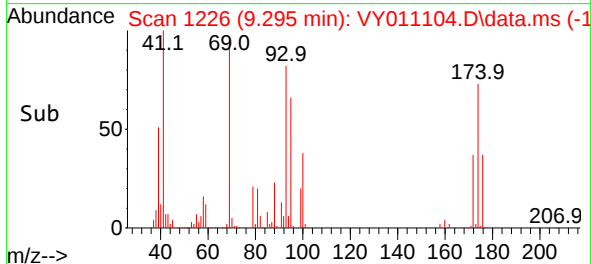
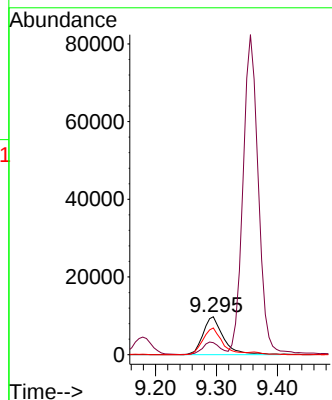
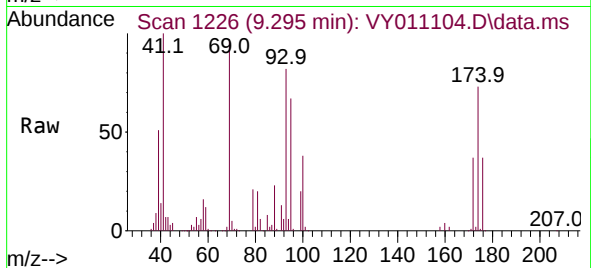
Tgt Ion: 88 Resp: 22790

Ion Ratio Lower Upper

88 100

43 28.5 32.8 49.2#

58 66.9 59.8 89.6



#50

Toluene-d8

Concen: 40.718 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011104.D

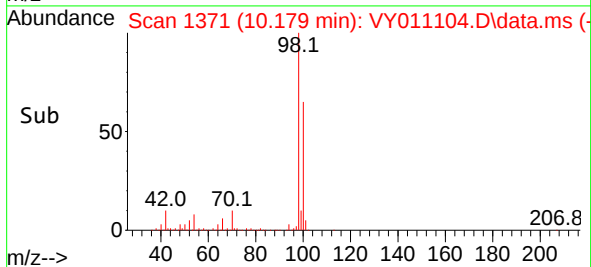
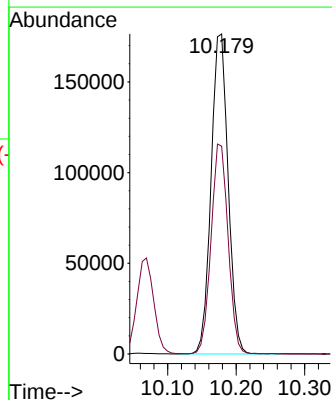
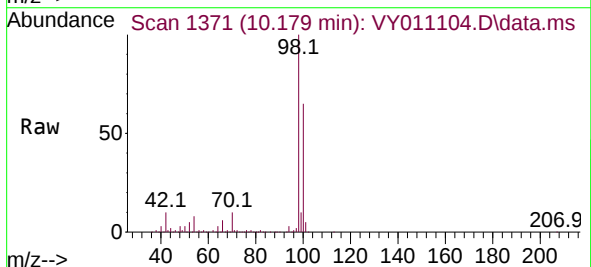
Acq: 25 Oct 2022 19:05

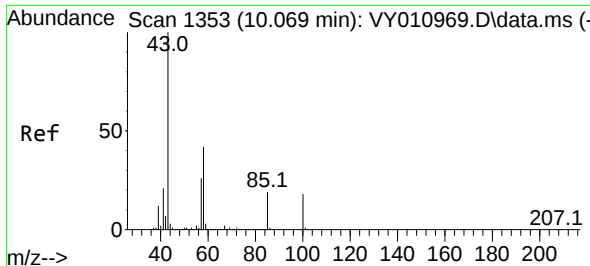
Tgt Ion: 98 Resp: 305717

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

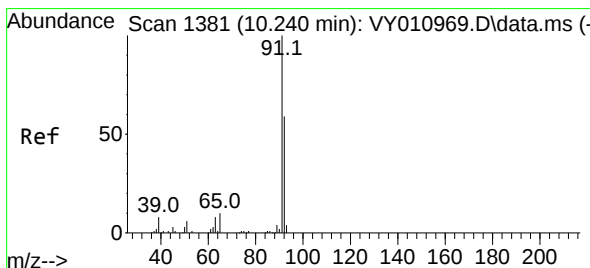
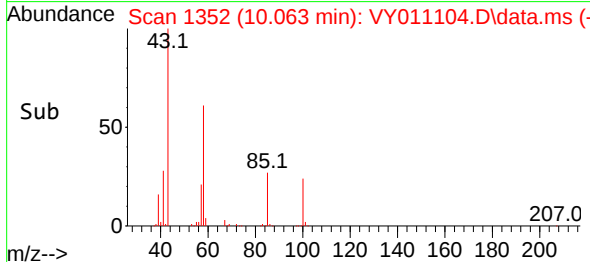
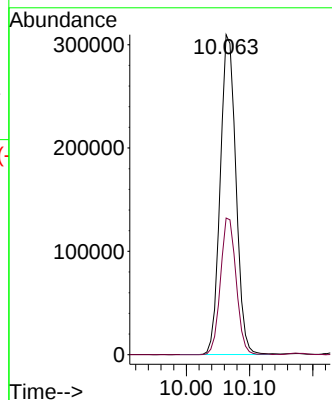
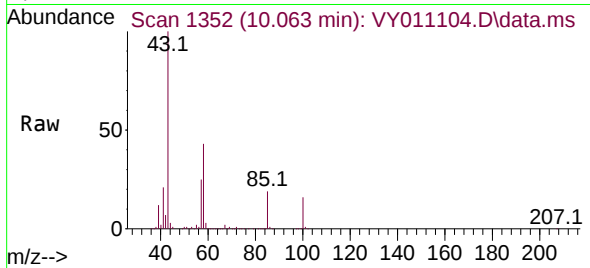




#51
4-Methyl-2-Pentanone
Concen: 288.403 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

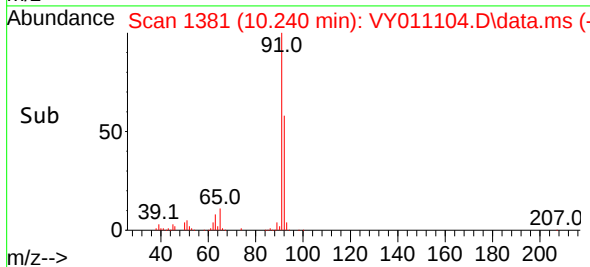
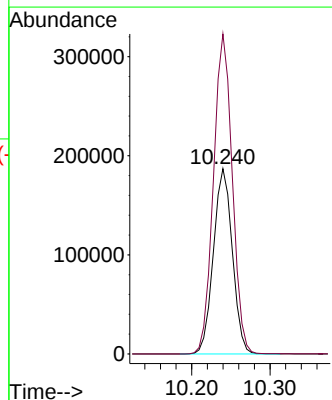
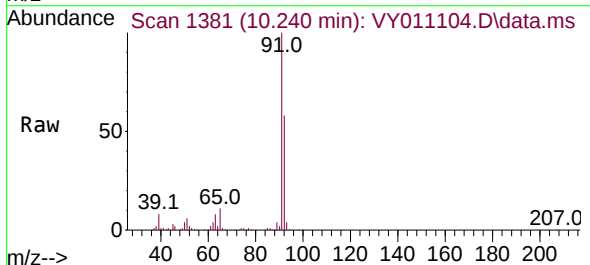
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

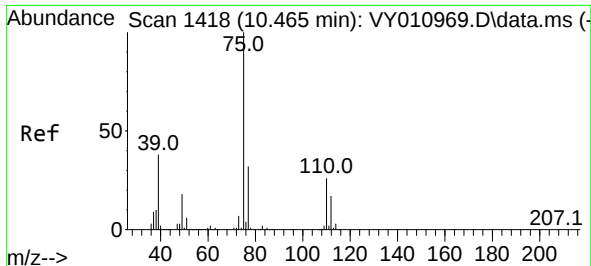
Tgt Ion: 43 Resp: 532581
Ion Ratio Lower Upper
43 100
58 42.7 28.1 42.1#



#52
Toluene
Concen: 51.403 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 92 Resp: 313647
Ion Ratio Lower Upper
92 100
91 172.1 142.6 213.8

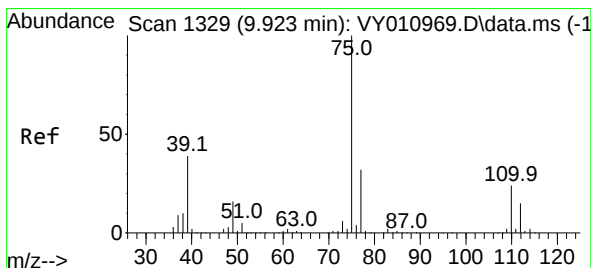
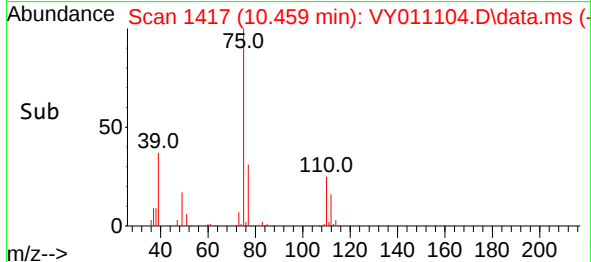
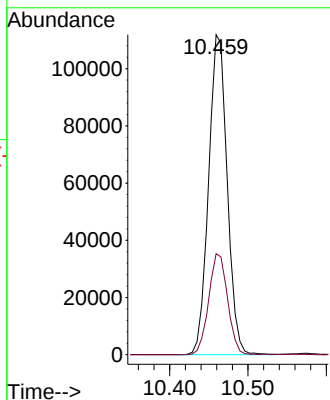
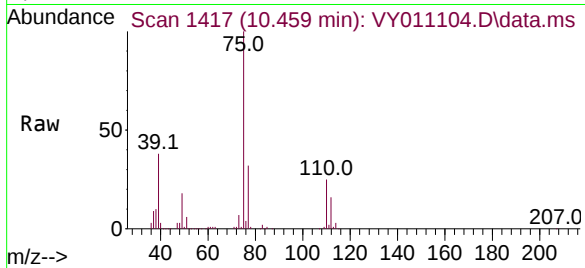




#53
t-1,3-Dichloropropene
Concen: 52.930 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

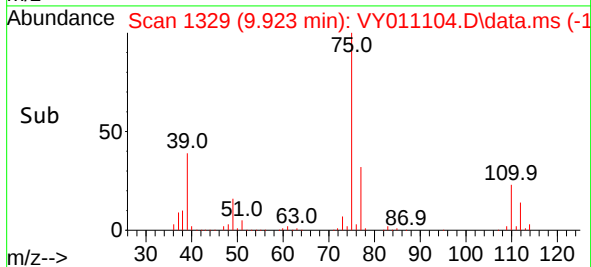
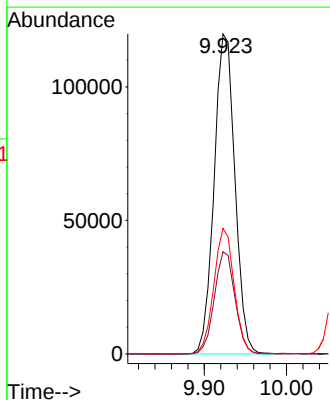
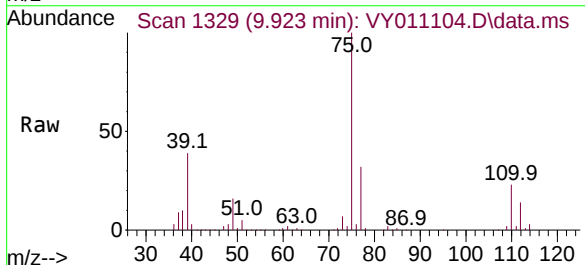
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

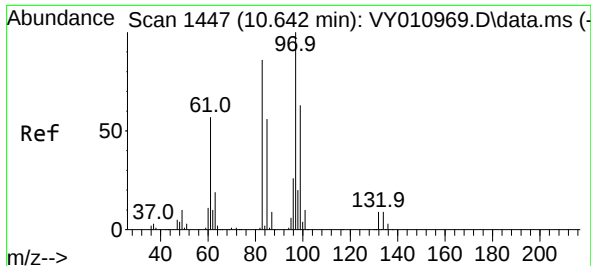
Tgt Ion: 75 Resp: 184174
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.861 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 75 Resp: 210483
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 39.2 47.6 71.4#

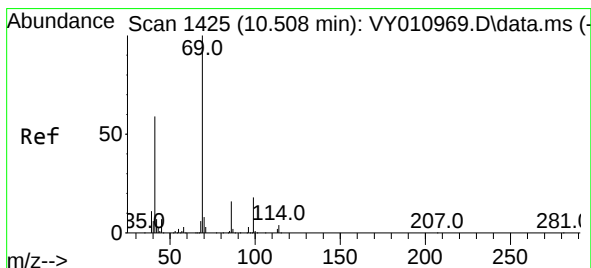
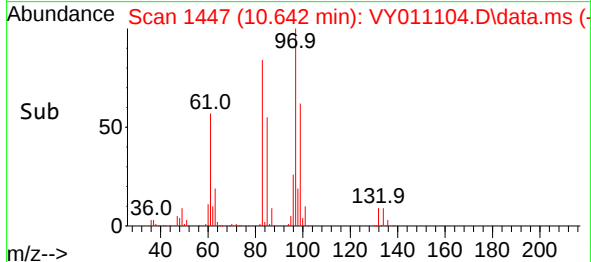
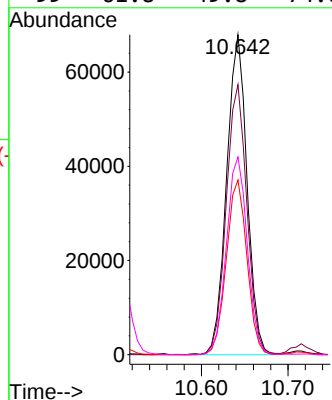
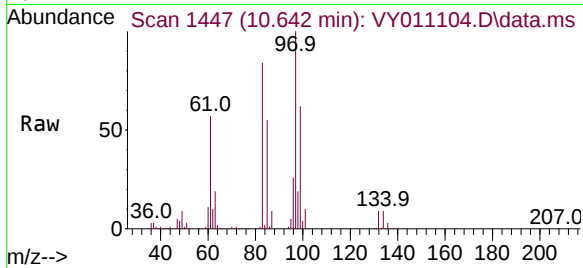




#55
1,1,2-Trichloroethane
Concen: 55.483 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

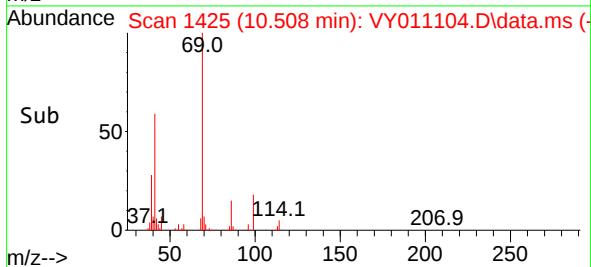
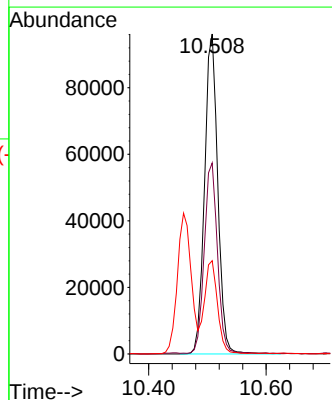
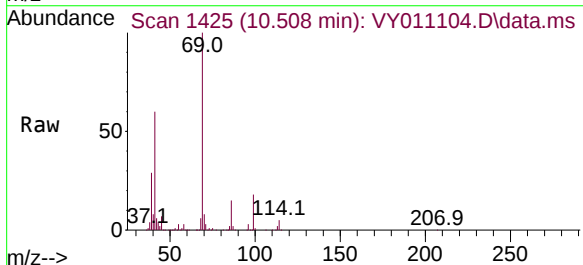
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

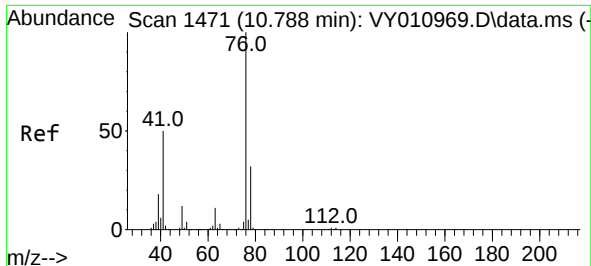
Tgt Ion: 97 Resp: 111251
Ion Ratio Lower Upper
97 100
83 84.3 69.8 104.8
85 54.6 44.3 66.5
99 61.8 49.8 74.6



#56
Ethyl methacrylate
Concen: 56.370 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 69 Resp: 150120
Ion Ratio Lower Upper
69 100
41 59.3 63.4 95.0#
39 28.7 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 53.910 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

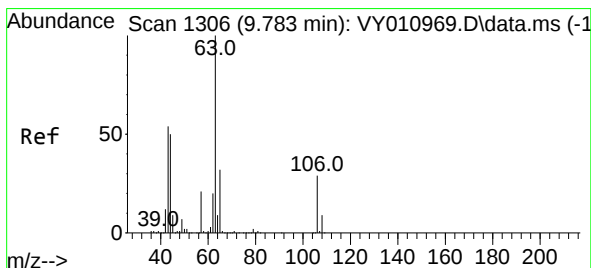
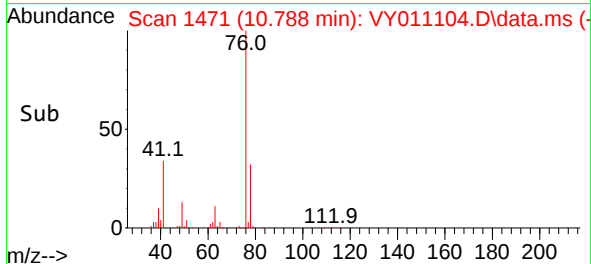
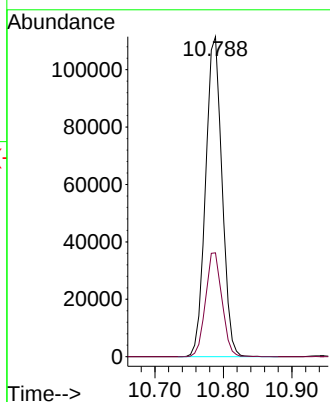
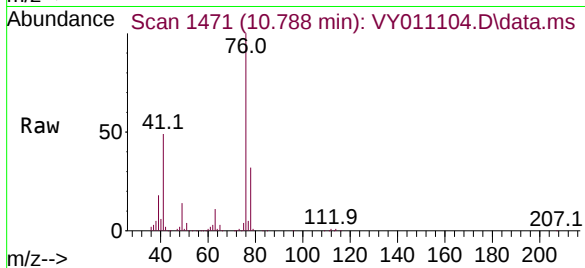
VSTDCCC050EC

Tgt Ion: 76 Resp: 185855

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 265.257 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY011104.D

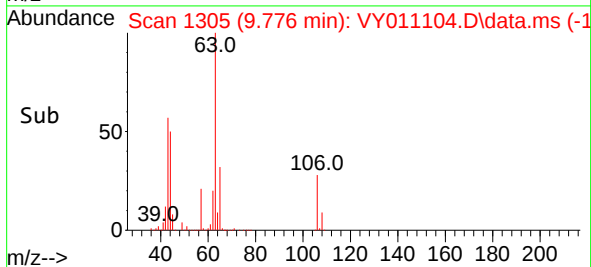
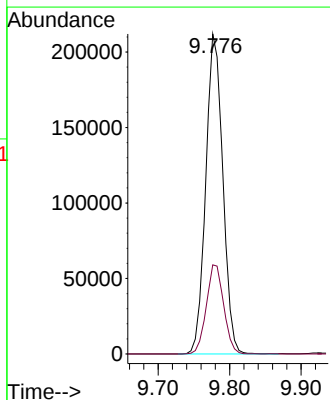
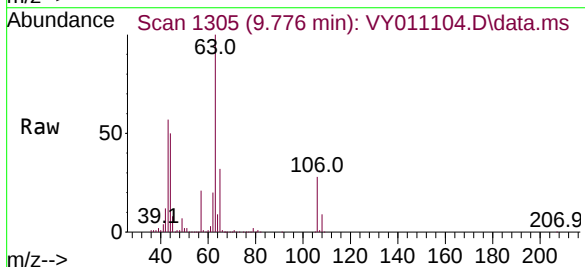
Acq: 25 Oct 2022 19:05

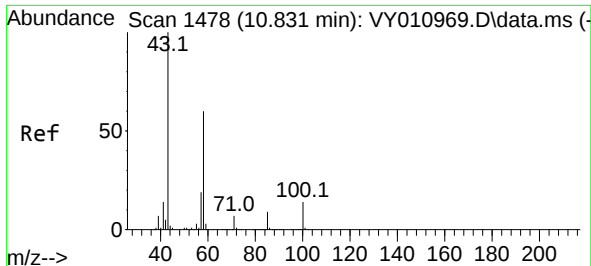
Tgt Ion: 63 Resp: 350978

Ion Ratio Lower Upper

63 100

106 28.3 21.5 32.3

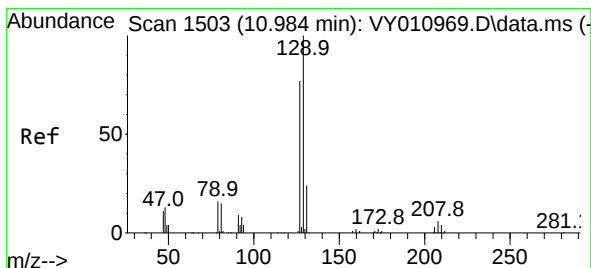
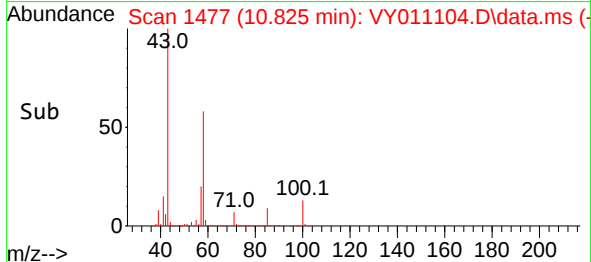
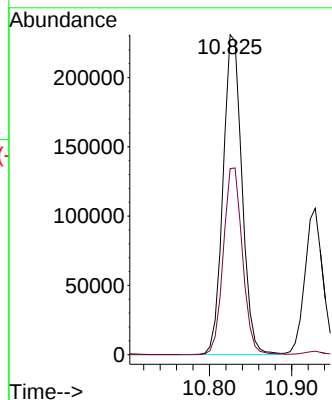
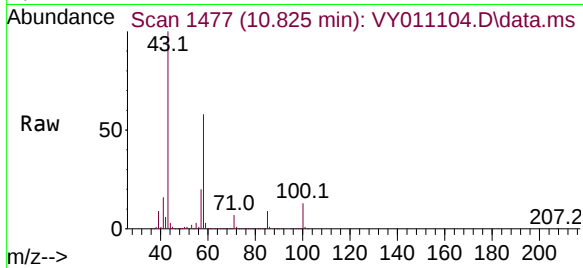




#59
2-Hexanone
Concen: 290.756 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

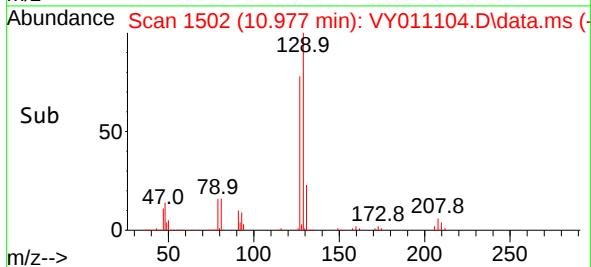
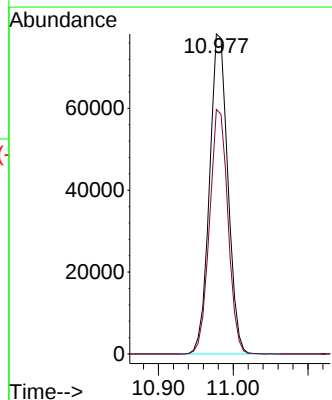
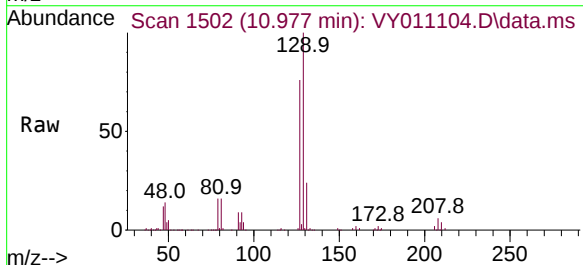
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

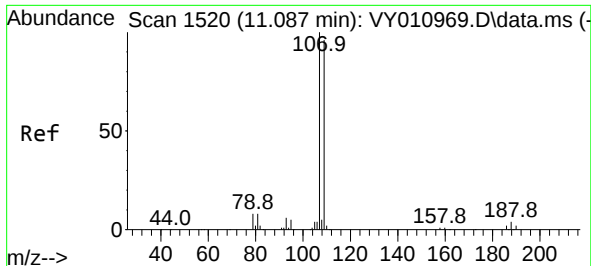
Tgt Ion: 43 Resp: 368822
Ion Ratio Lower Upper
43 100
58 59.1 24.4 73.4



#60
Dibromochloromethane
Concen: 55.789 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.007 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 129 Resp: 133016
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1

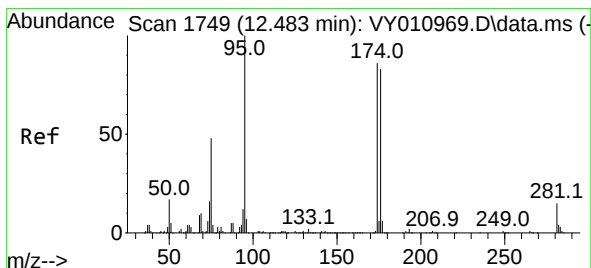
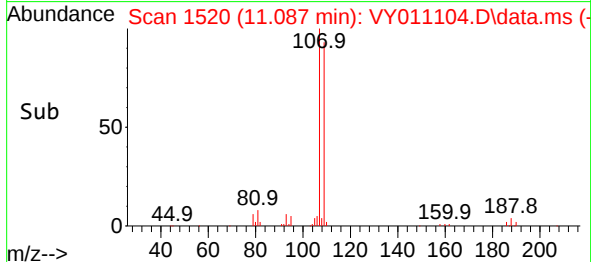
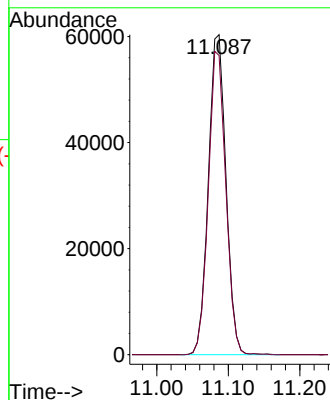
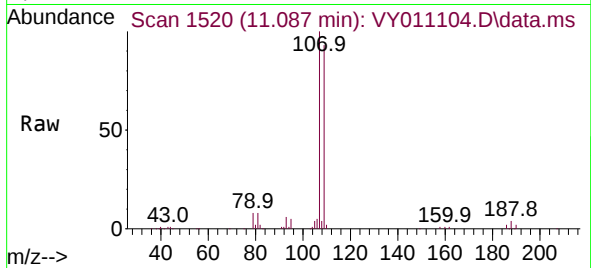




#61
1,2-Dibromoethane
Concen: 53.755 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

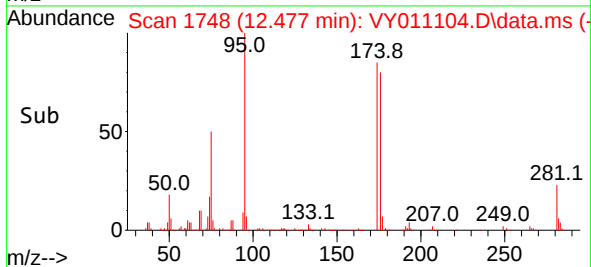
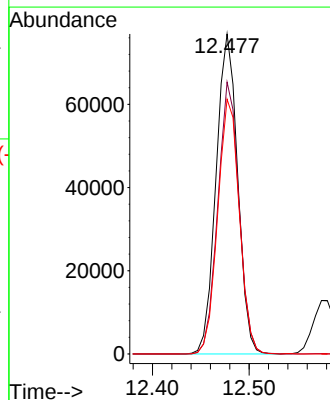
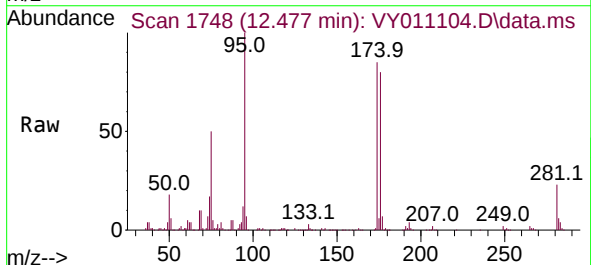
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

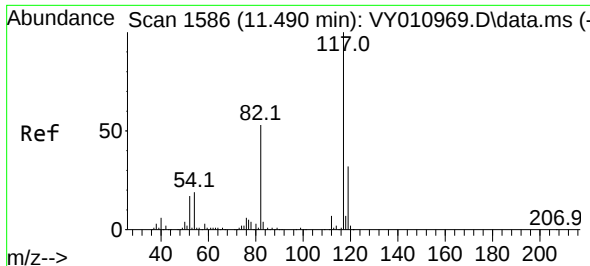
Tgt Ion:107 Resp: 103218
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 44.309 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 95 Resp: 118774
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 79.8 0.0 175.8

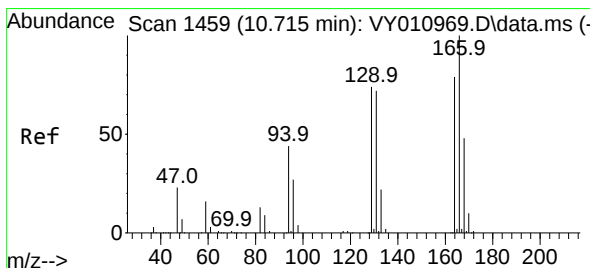
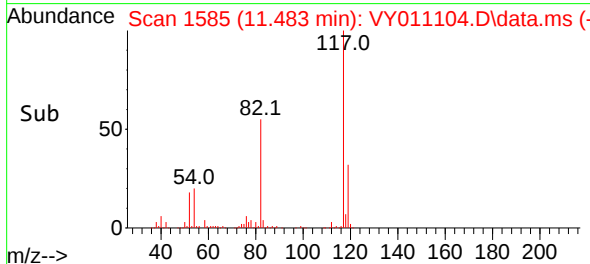
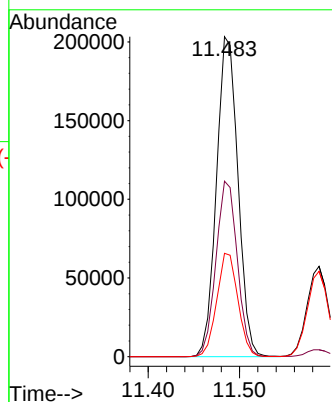
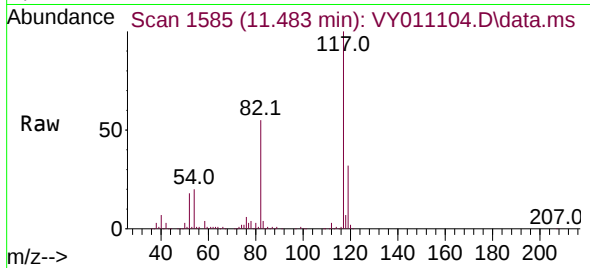




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

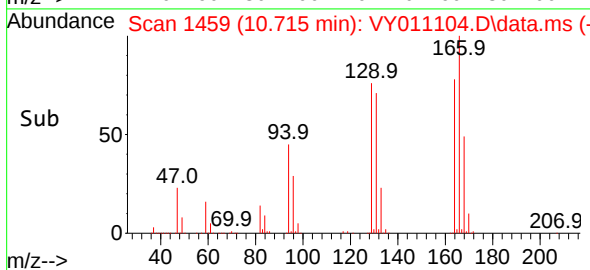
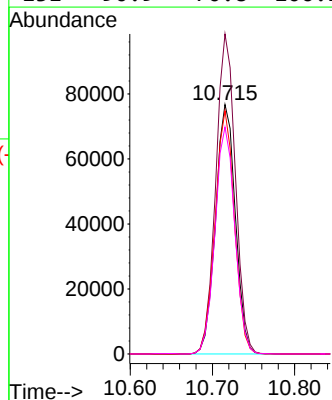
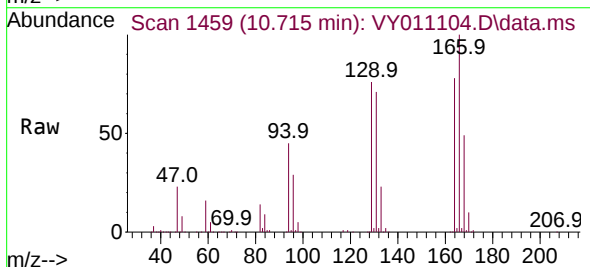
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

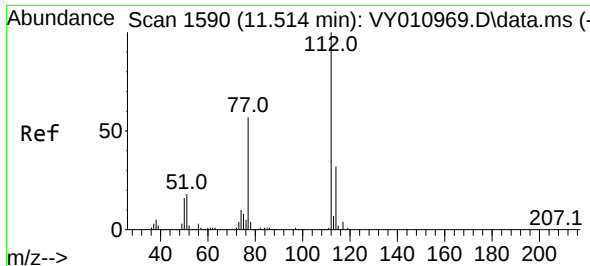
Tgt Ion:117 Resp: 332672
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 49.588 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion:164 Resp: 128417
Ion Ratio Lower Upper
164 100
166 128.2 100.4 150.6
129 97.4 71.4 107.0
131 90.9 70.8 106.2

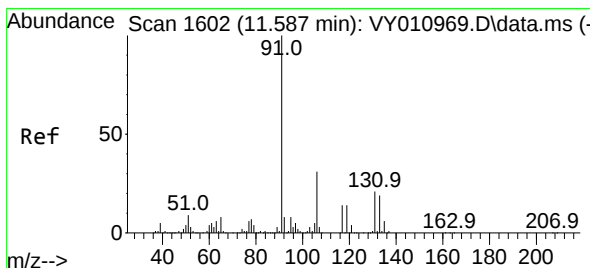
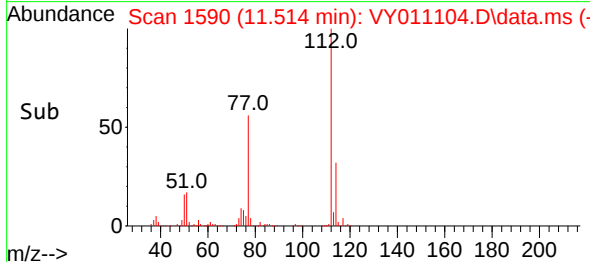
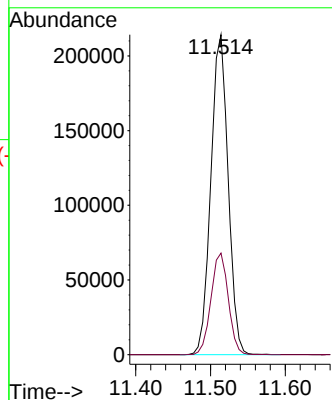
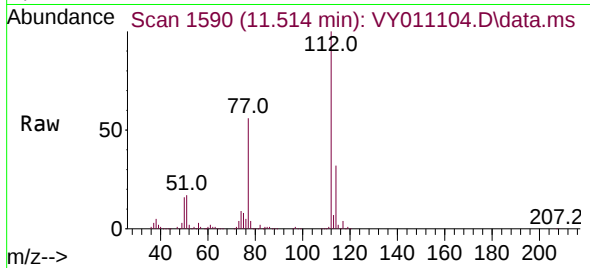




#65
Chlorobenzene
Concen: 50.322 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

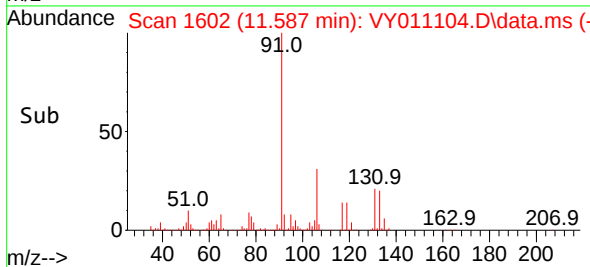
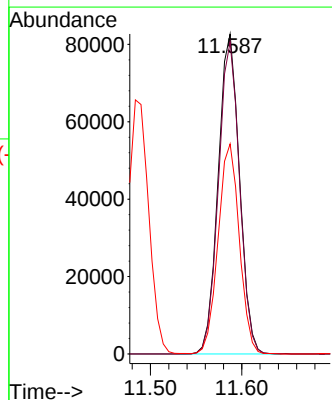
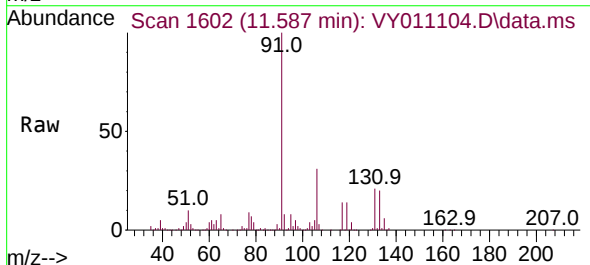
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

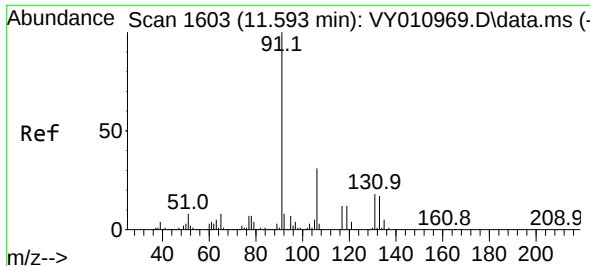
Tgt Ion:112 Resp: 343695
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.020 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion:131 Resp: 134034
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.6
119 65.4 30.8 92.3





#67

Ethyl Benzene

Concen: 50.424 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

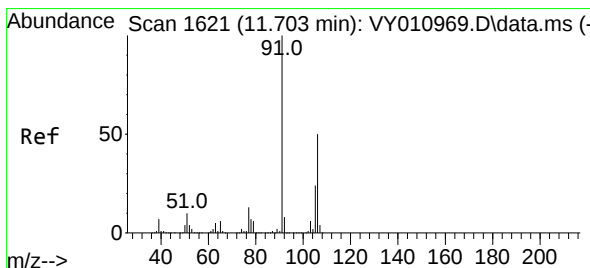
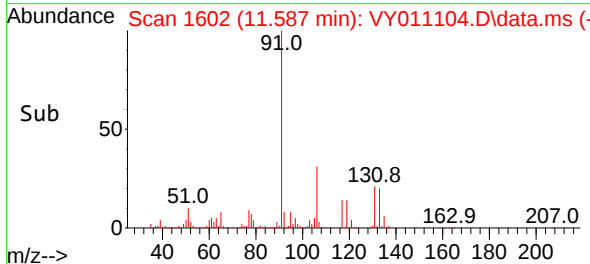
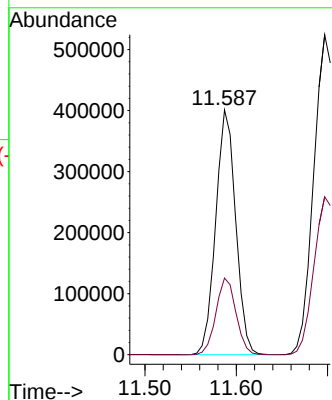
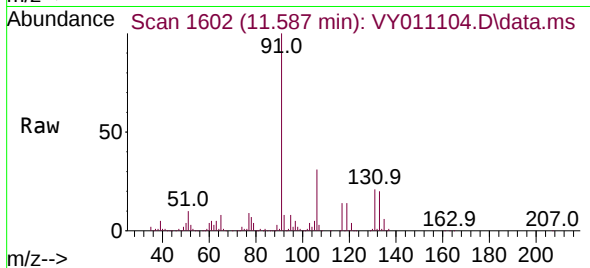
VSTDCCC050EC

Tgt Ion: 91 Resp: 609275

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 101.030 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY011104.D

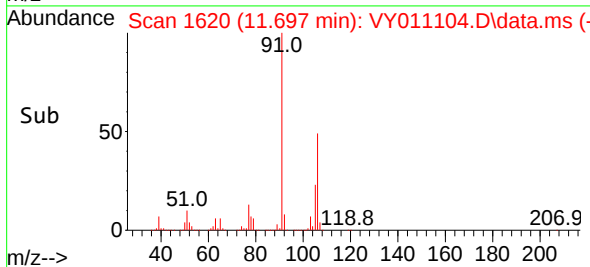
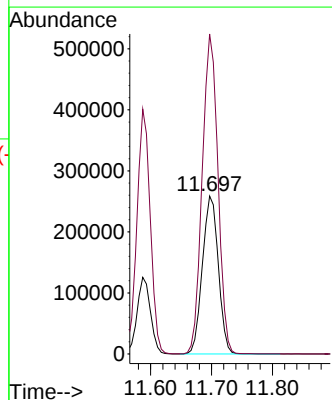
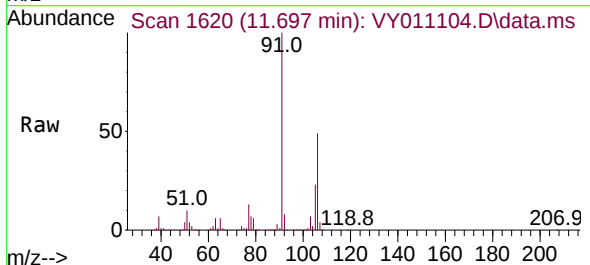
Acq: 25 Oct 2022 19:05

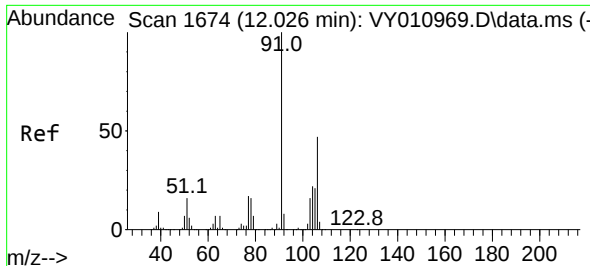
Tgt Ion:106 Resp: 469599

Ion Ratio Lower Upper

106 100

91 200.3 166.6 249.8

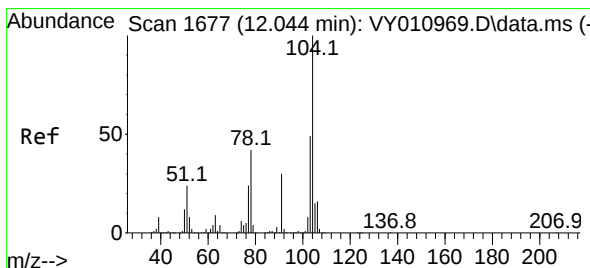
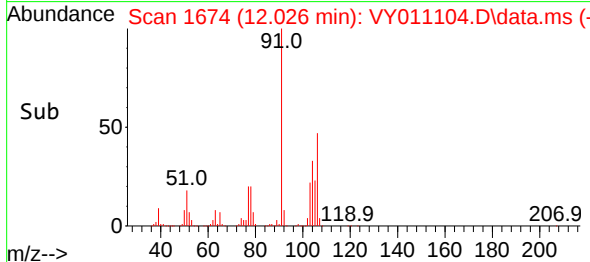
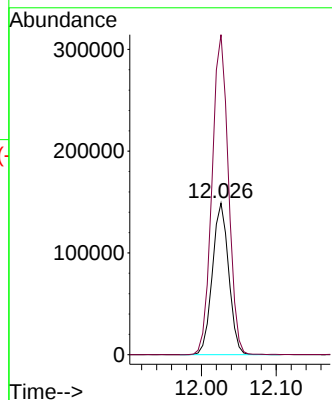
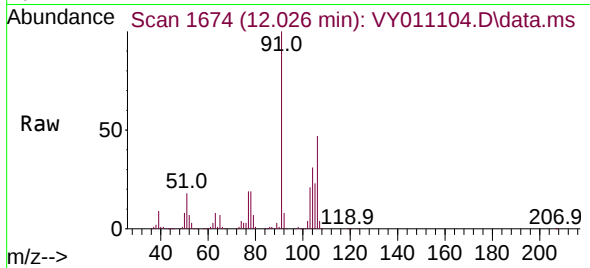




#69
o-Xylene
Concen: 51.151 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

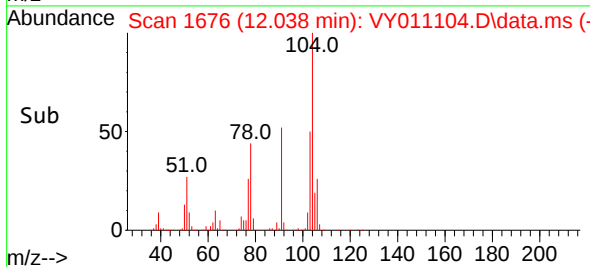
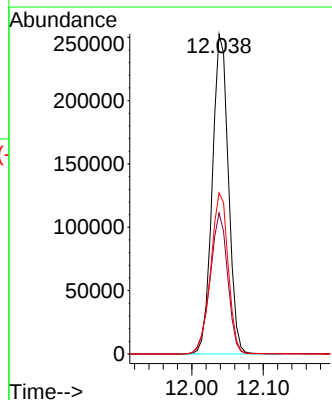
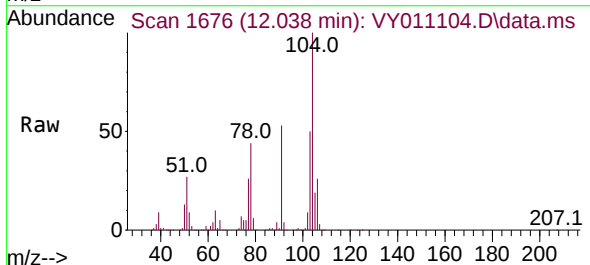
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

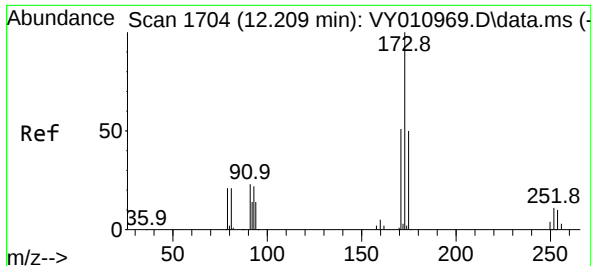
Tgt Ion:106 Resp: 225762
Ion Ratio Lower Upper
106 100
91 212.2 110.3 331.0



#70
Styrene
Concen: 52.915 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion:104 Resp: 395728
Ion Ratio Lower Upper
104 100
78 47.8 42.4 63.6
103 54.6 44.4 66.6

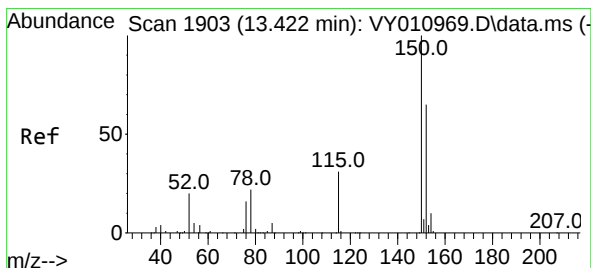
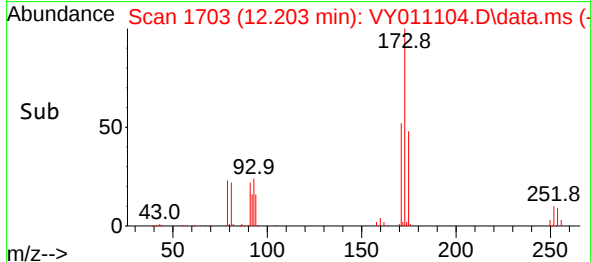
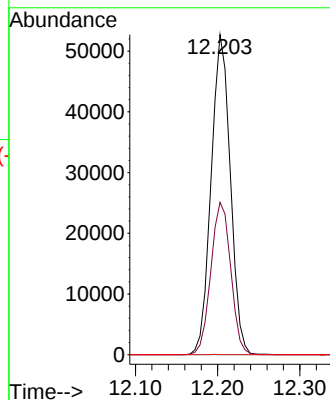
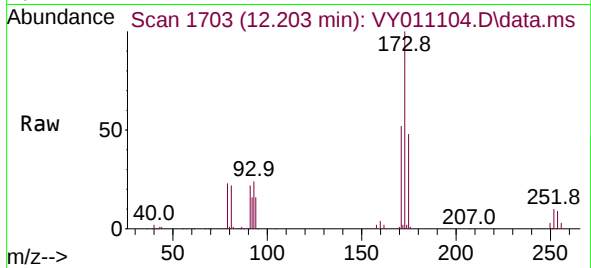




#71
Bromoform
Concen: 54.768 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

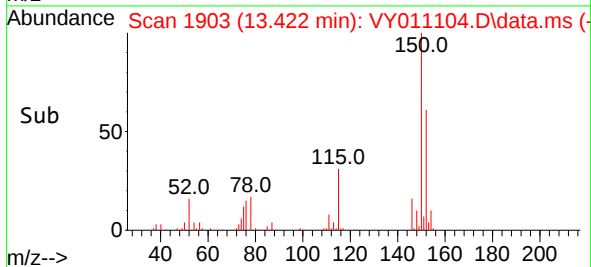
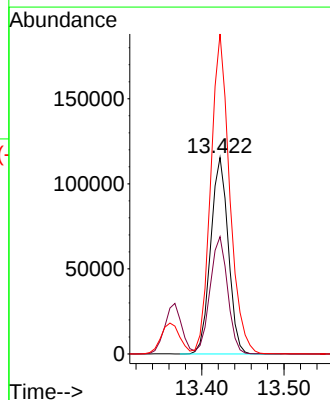
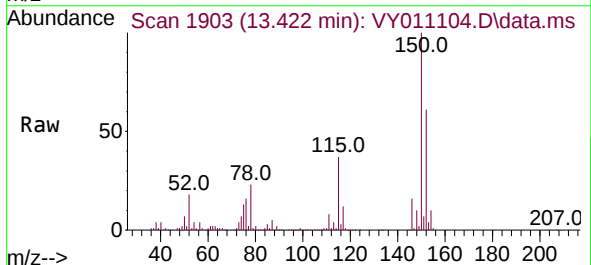
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

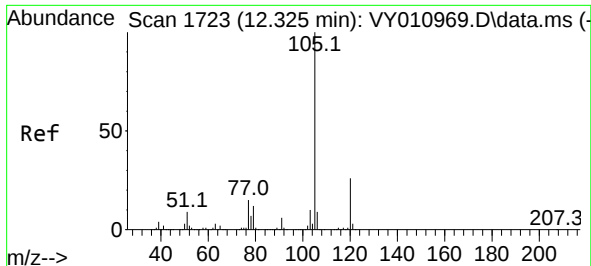
Tgt Ion:173 Resp: 85447
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion:152 Resp: 171656
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 175.1 0.0 347.6

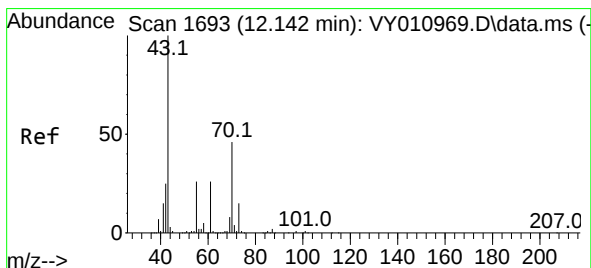
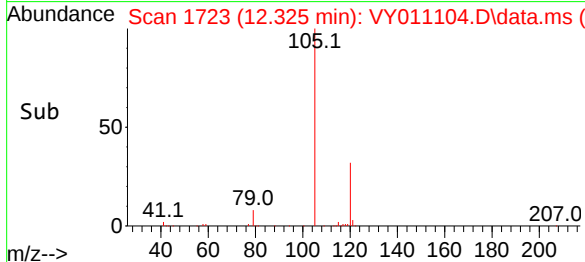
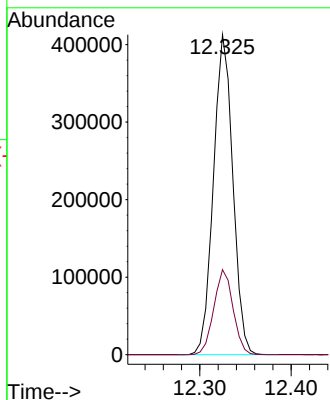
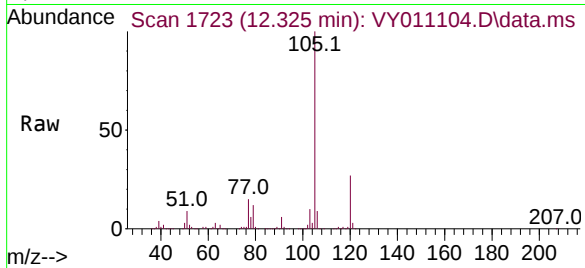




#73
Isopropylbenzene
Concen: 48.756 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

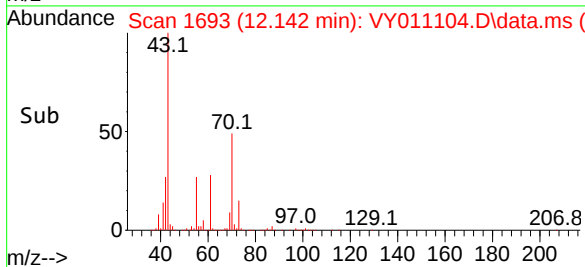
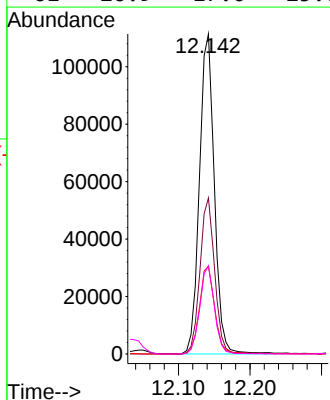
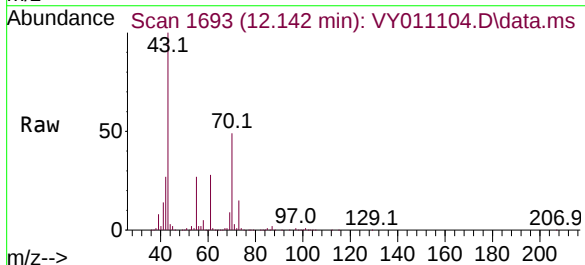
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

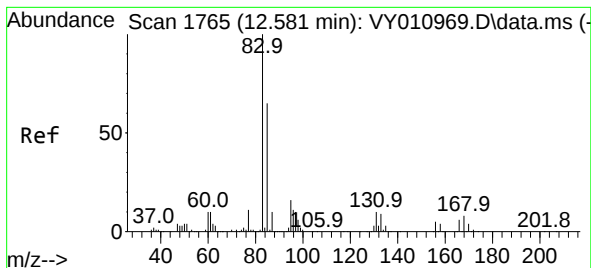
Tgt Ion:105 Resp: 608044
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2



#74
N-ethyl acetate
Concen: 51.048 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 43 Resp: 161526
Ion Ratio Lower Upper
43 100
70 48.2 28.7 43.1#
55 28.2 17.3 25.9#
61 26.9 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 51.557 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

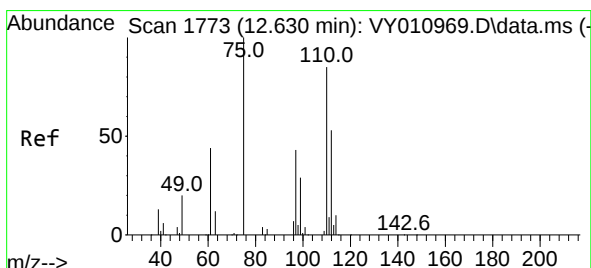
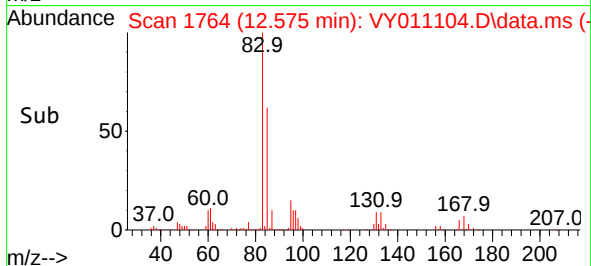
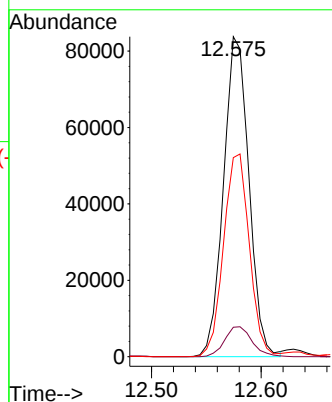
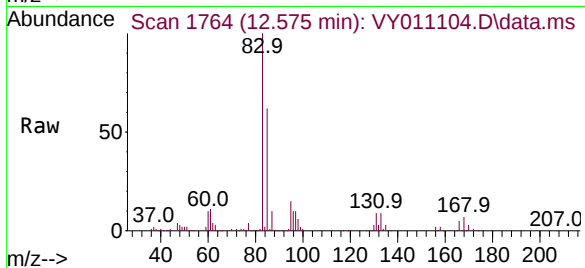
Tgt Ion: 83 Resp: 134940

Ion Ratio Lower Upper

83 100

131 10.1 5.6 16.8

85 64.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 56.535 ug/l m

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY011104.D

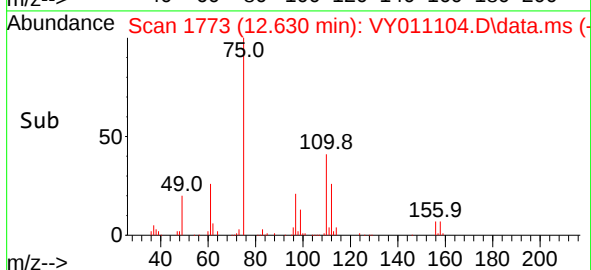
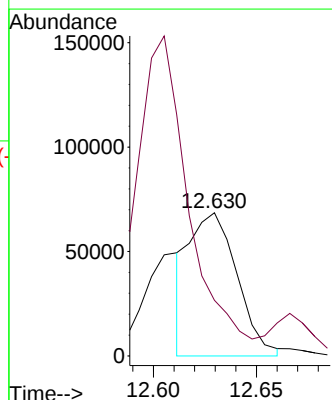
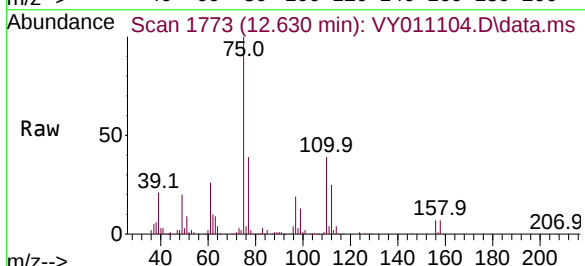
Acq: 25 Oct 2022 19:05

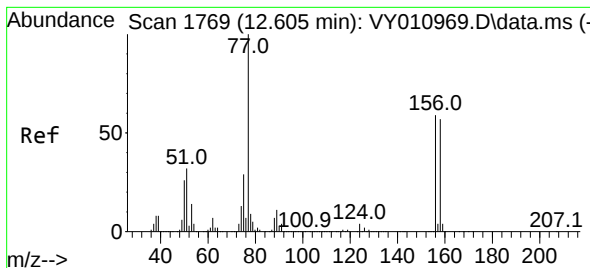
Tgt Ion: 75 Resp: 110178

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.963 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

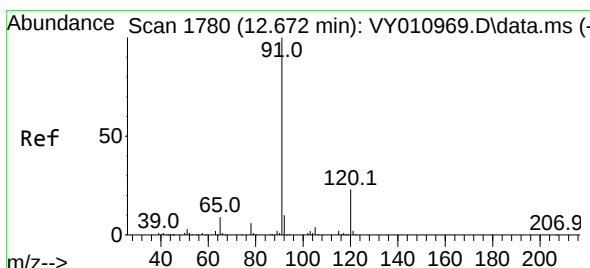
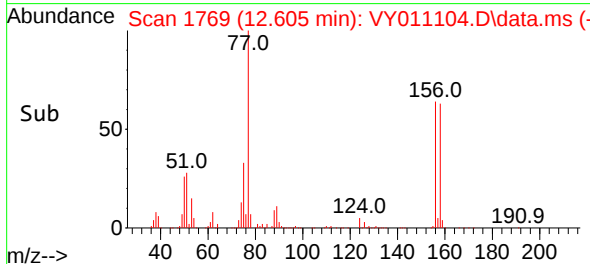
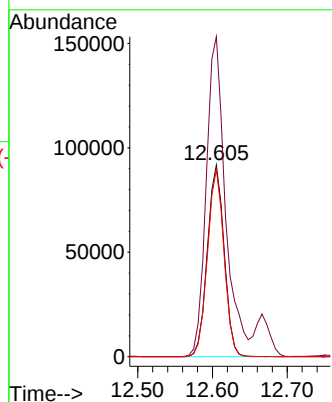
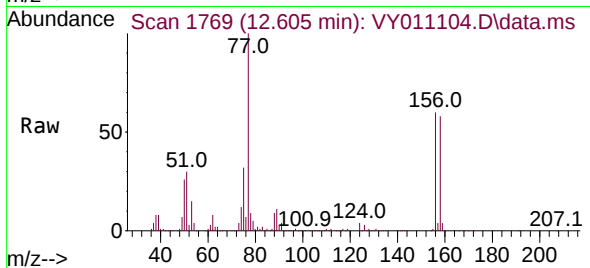
Tgt Ion:156 Resp: 142735

Ion Ratio Lower Upper

156 100

77 191.1 95.5 286.4

158 96.3 48.0 144.0



#78

n-propylbenzene

Concen: 48.599 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY011104.D

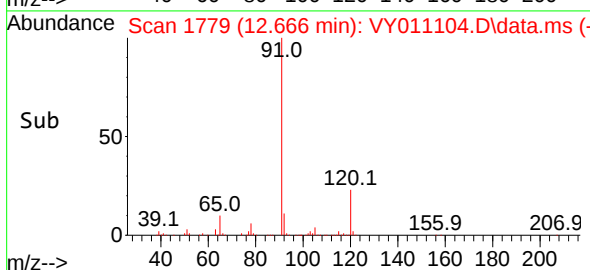
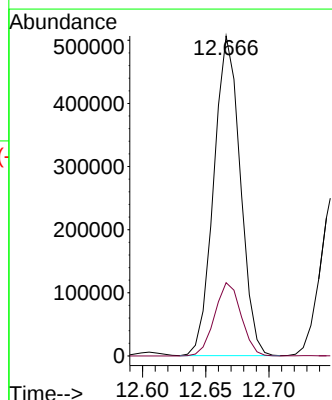
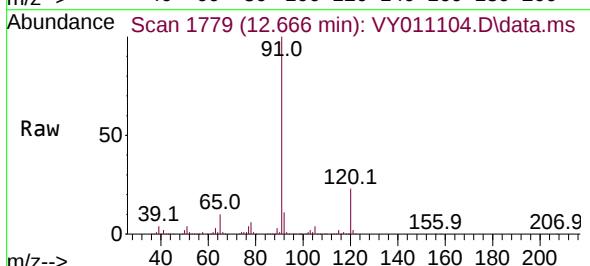
Acq: 25 Oct 2022 19:05

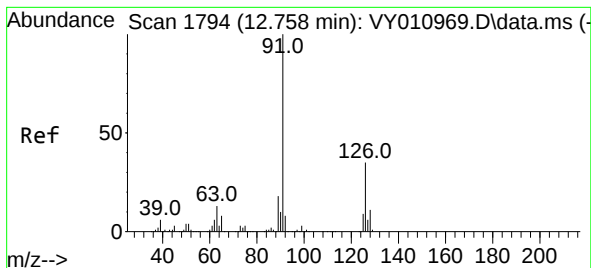
Tgt Ion: 91 Resp: 737404

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 49.398 ug/l

RT: 12.752 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

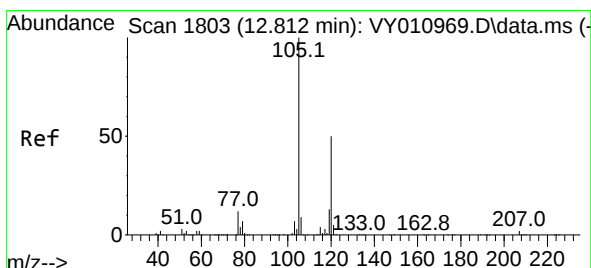
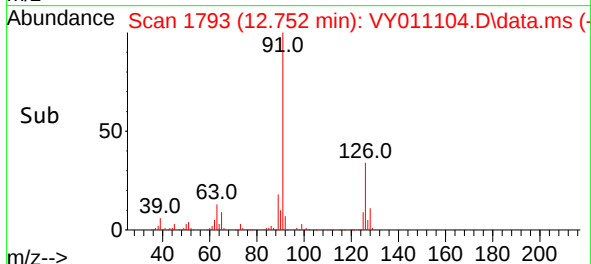
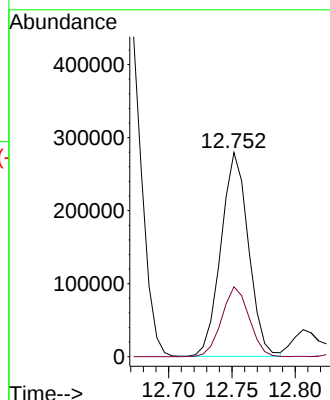
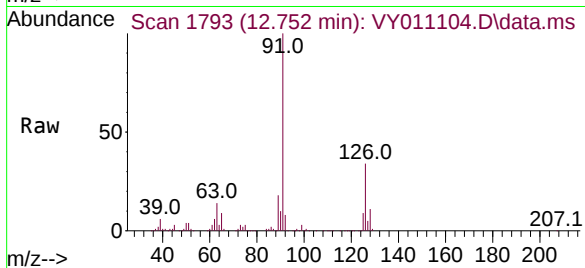
VSTDCCC050EC

Tgt Ion: 91 Resp: 422111

Ion Ratio Lower Upper

91 100

126 34.2 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 49.188 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY011104.D

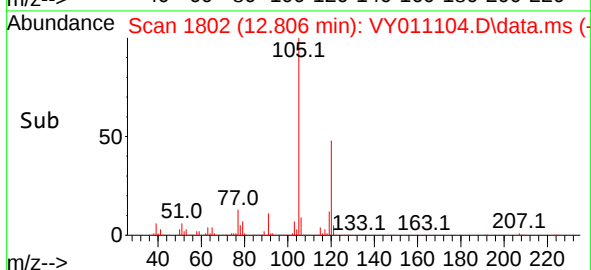
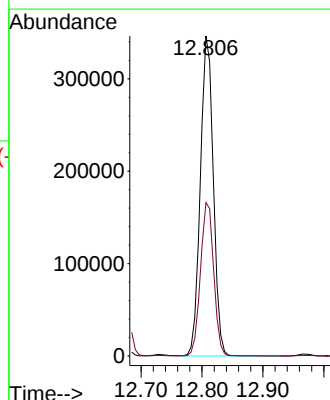
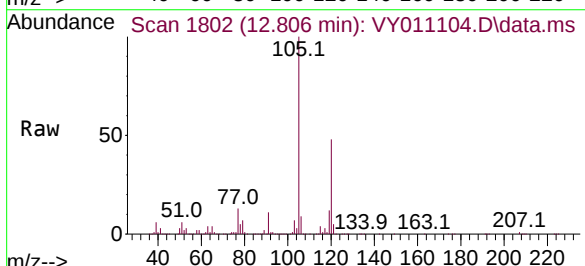
Acq: 25 Oct 2022 19:05

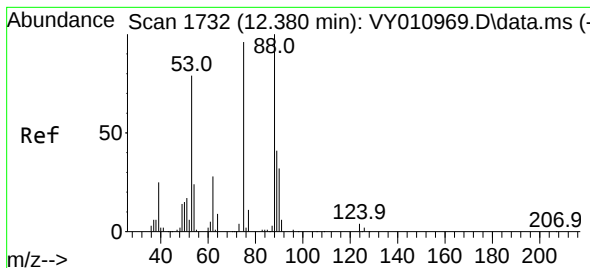
Tgt Ion: 105 Resp: 511832

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4

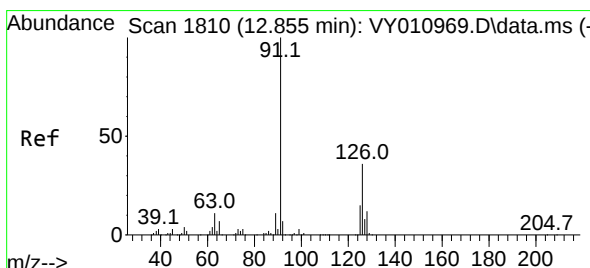
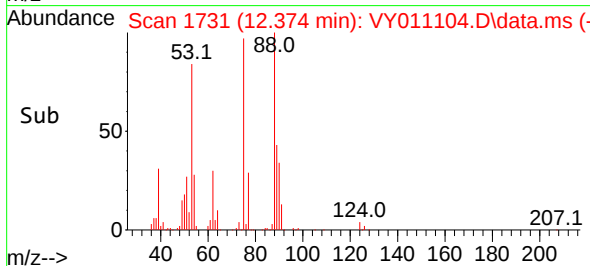
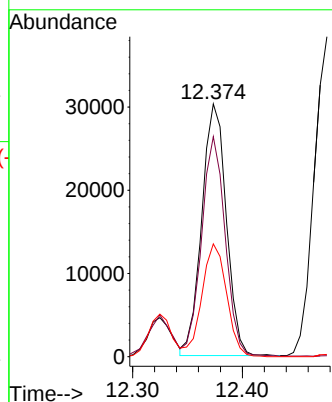
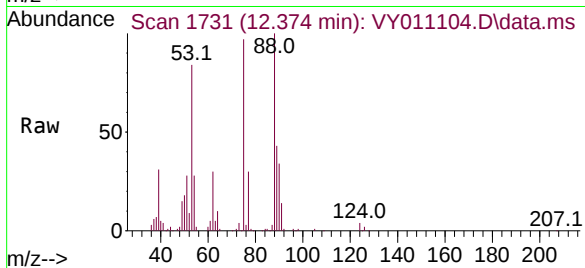




#81
trans-1,4-Dichloro-2-butene
Concen: 51.758 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

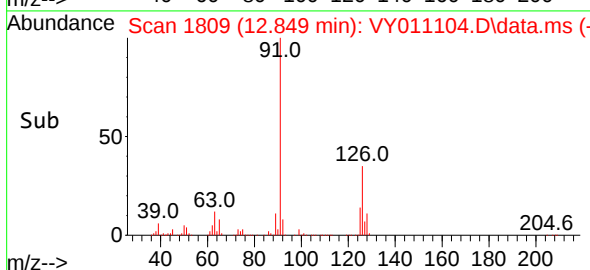
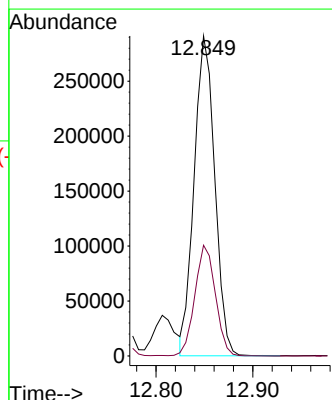
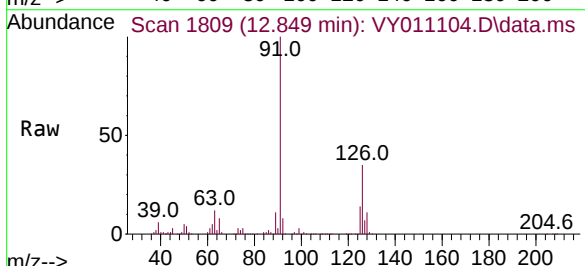
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

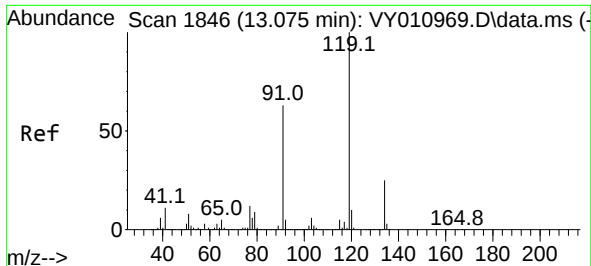
Tgt Ion: 75 Resp: 46900
Ion Ratio Lower Upper
75 100
53 84.7 85.3 127.9#
89 45.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.505 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 91 Resp: 431556
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0

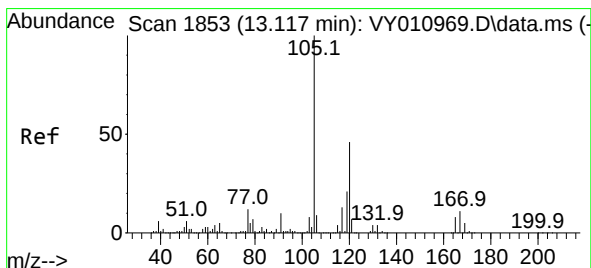
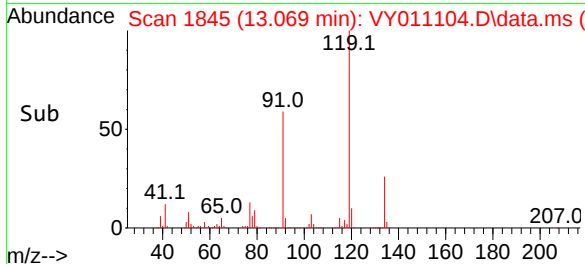
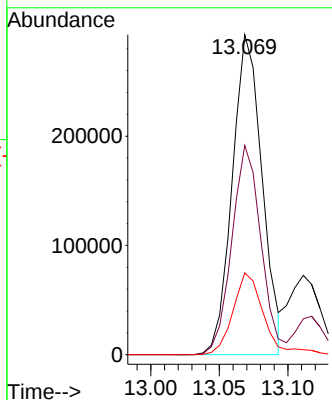
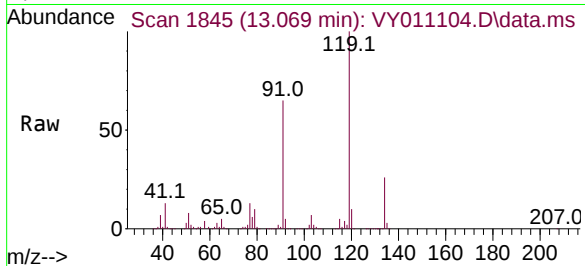




#83
tert-Butylbenzene
Concen: 49.293 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

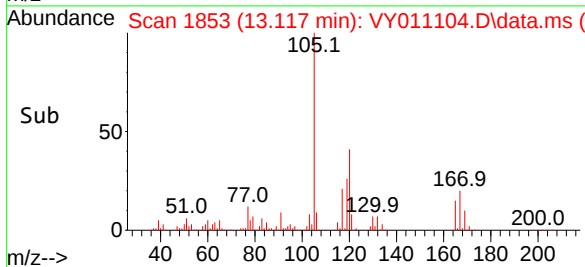
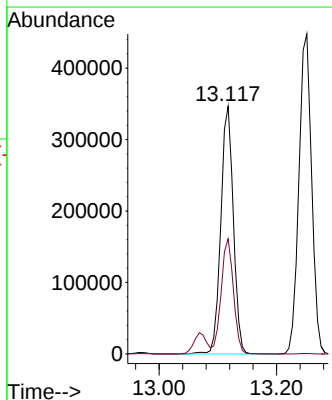
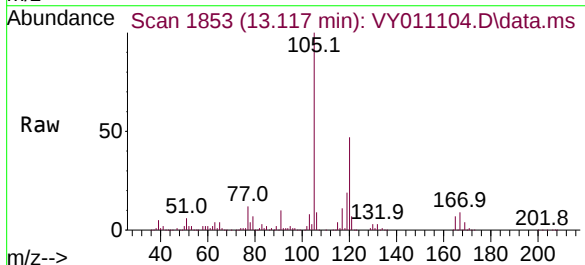
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

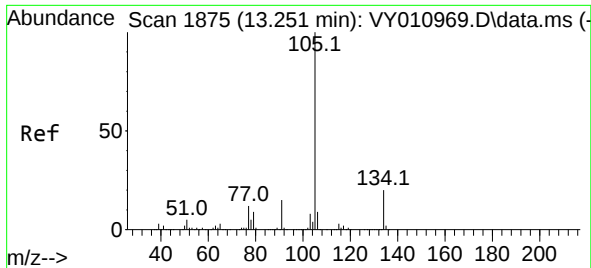
Tgt Ion:119 Resp: 443544
Ion Ratio Lower Upper
119 100
91 64.1 34.8 104.4
134 26.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 49.989 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion:105 Resp: 512925
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9

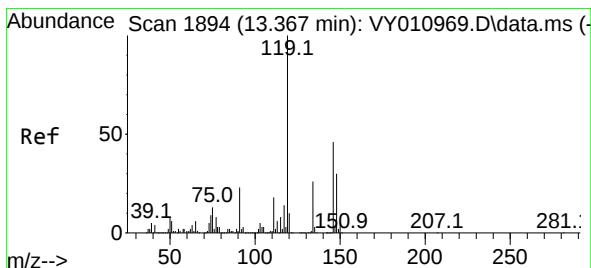
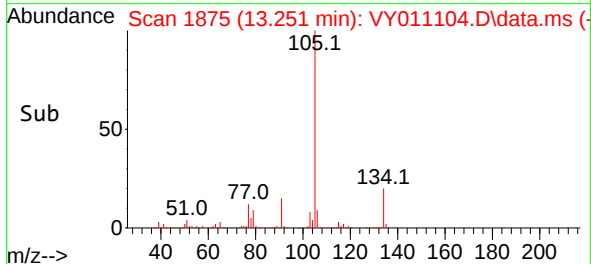
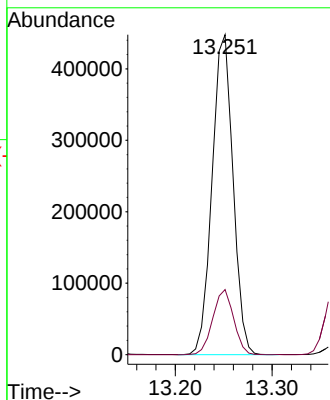
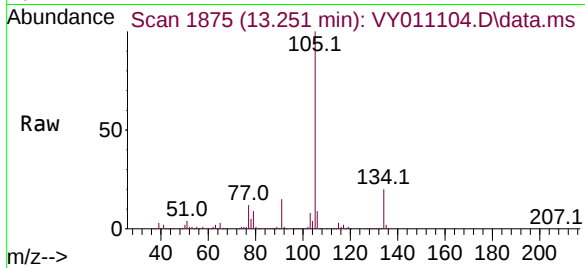




#85
 sec-Butylbenzene
 Concen: 49.654 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY011104.D
 Acq: 25 Oct 2022 19:05

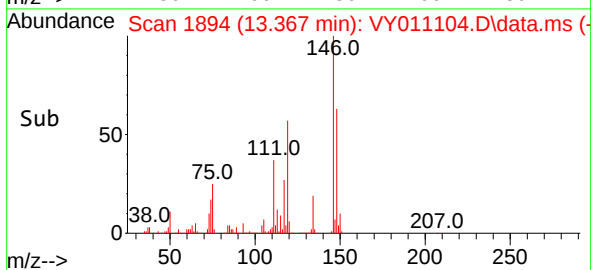
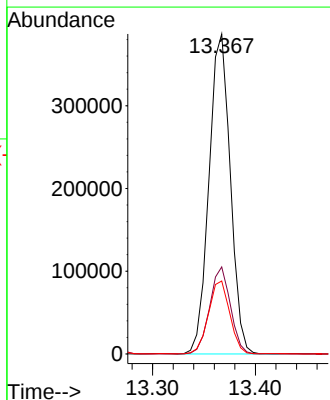
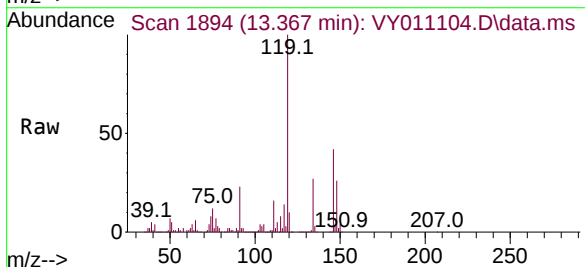
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

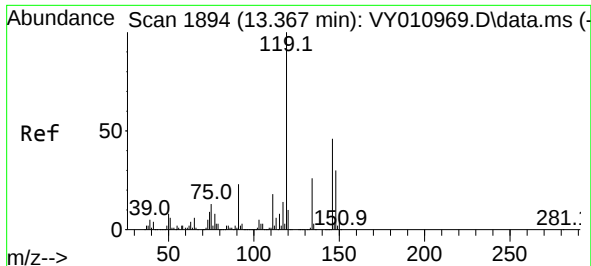
Tgt Ion:105 Resp: 671375
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 49.659 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY011104.D
 Acq: 25 Oct 2022 19:05

Tgt Ion:119 Resp: 557018
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.385 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

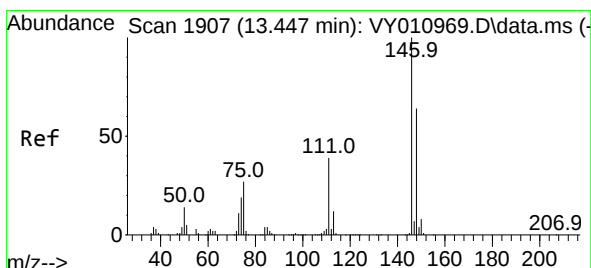
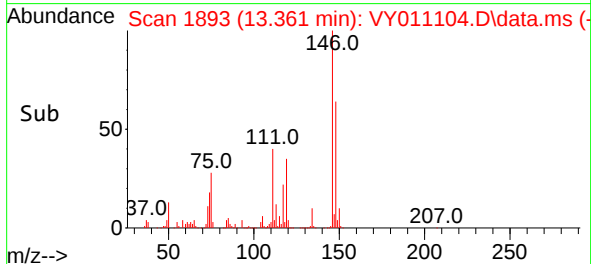
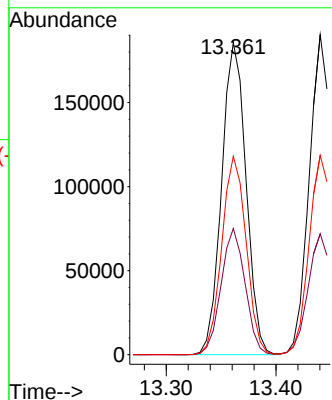
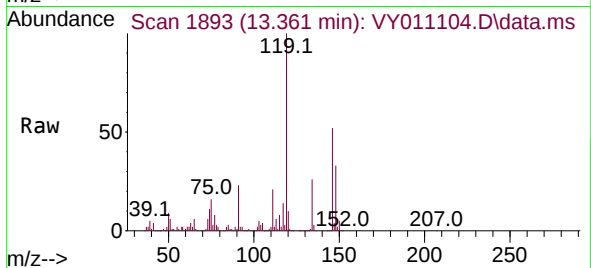
Tgt Ion:146 Resp: 287314

Ion Ratio Lower Upper

146 100

111 39.7 19.5 58.5

148 63.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.056 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.007 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

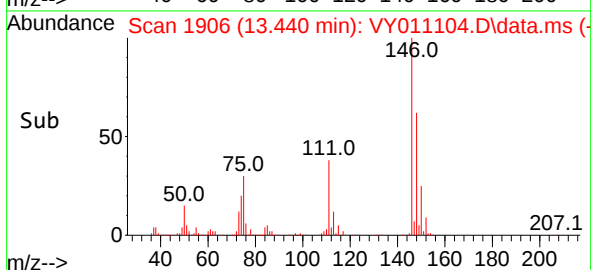
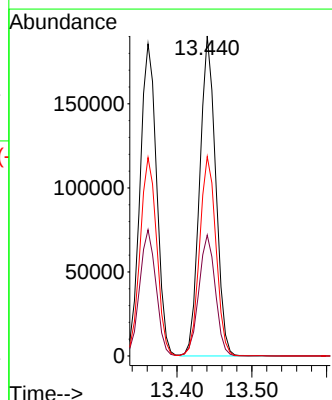
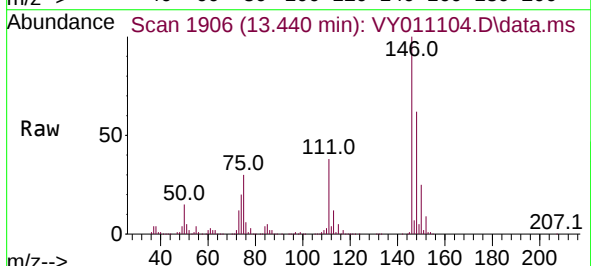
Tgt Ion:146 Resp: 283772

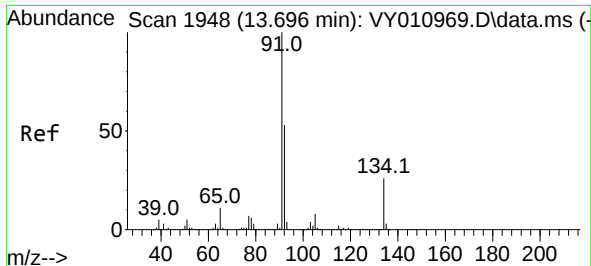
Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.8

148 63.5 32.6 97.8

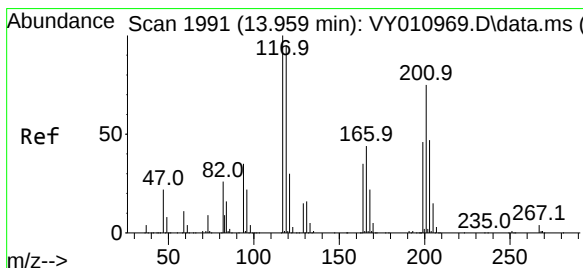
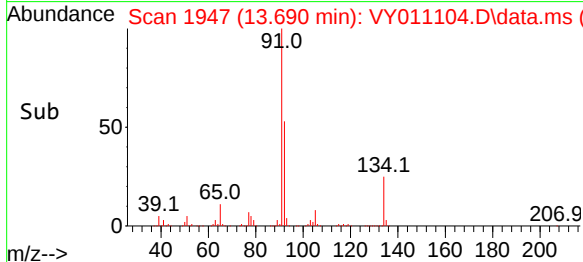
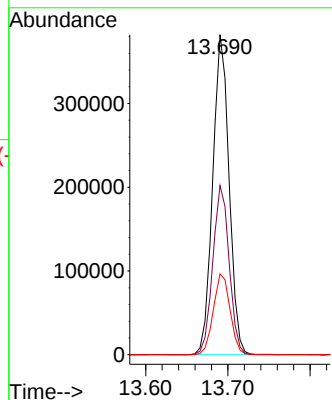
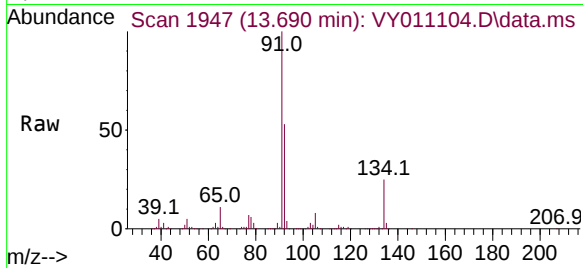




#89
n-Butylbenzene
Concen: 50.331 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

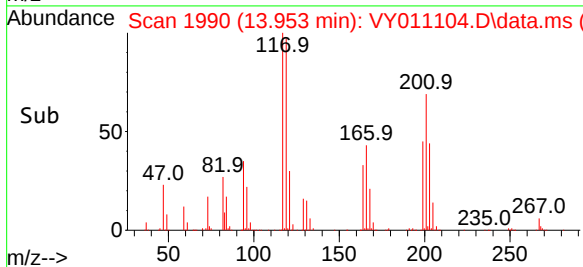
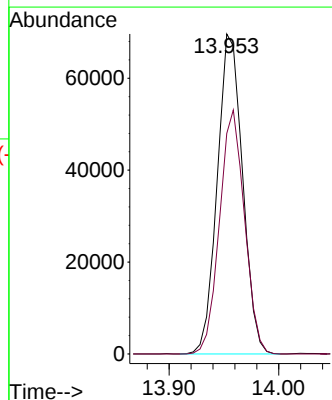
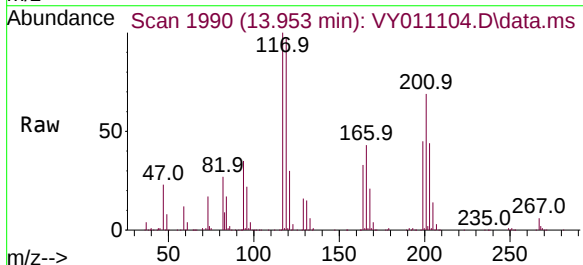
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

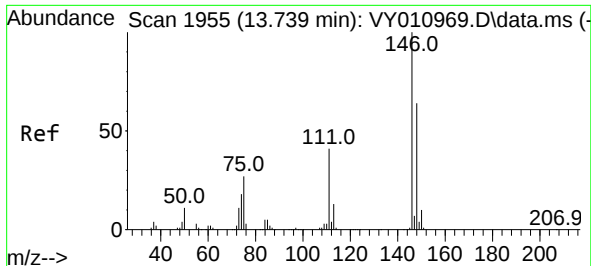
Tgt Ion: 91 Resp: 527553
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 50.425 ug/l
RT: 13.953 min Scan# 1990
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 117 Resp: 111625
Ion Ratio Lower Upper
117 100
201 75.2 43.0 128.8

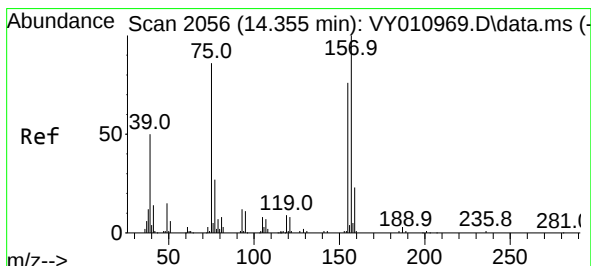
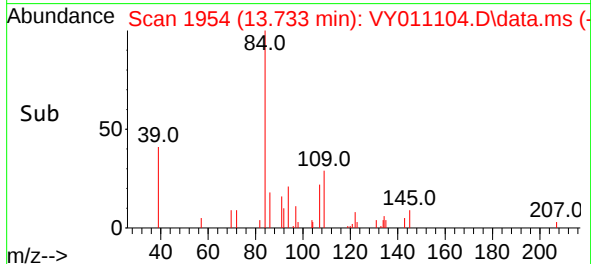
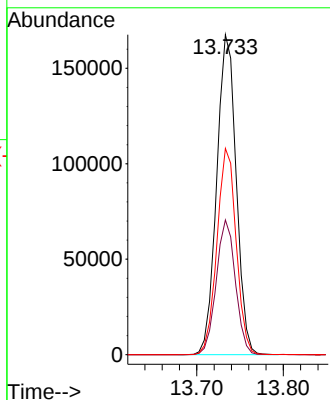
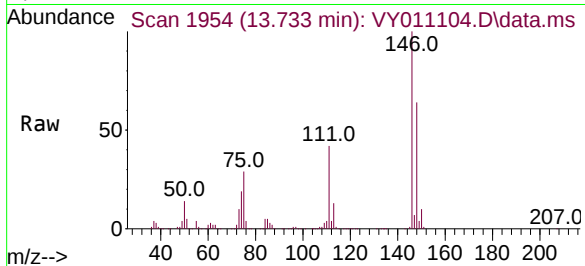




#91
1,2-Dichlorobenzene
Concen: 50.370 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

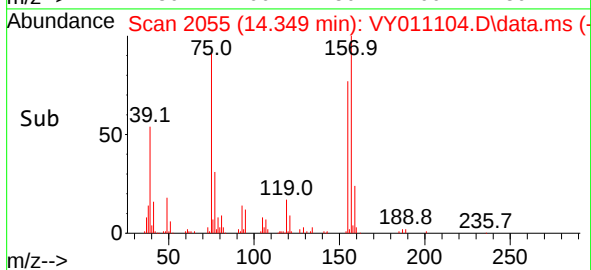
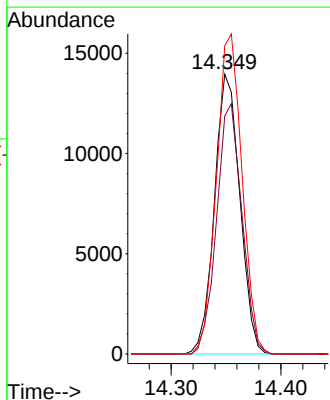
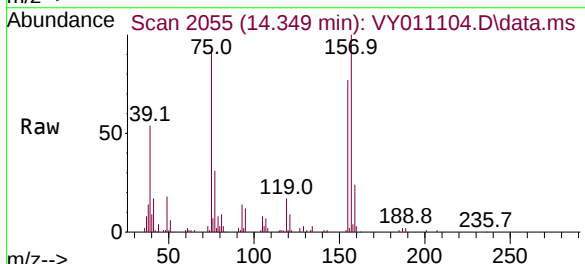
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

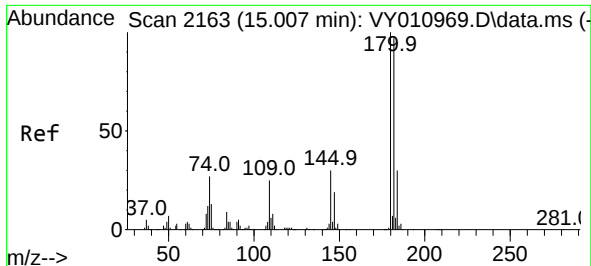
Tgt Ion:146 Resp: 262190
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.9
148 63.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.853 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion: 75 Resp: 22439
Ion Ratio Lower Upper
75 100
155 89.4 38.0 113.9
157 115.8 47.8 143.3

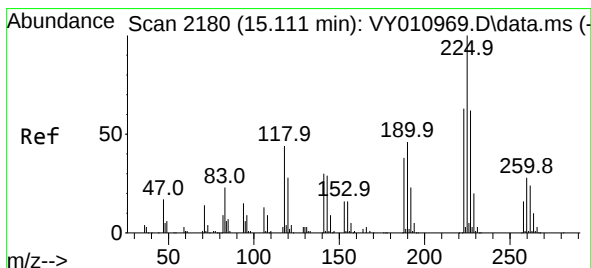
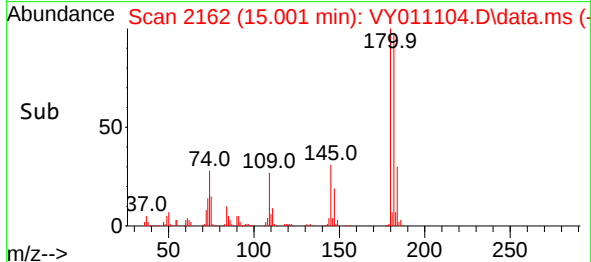
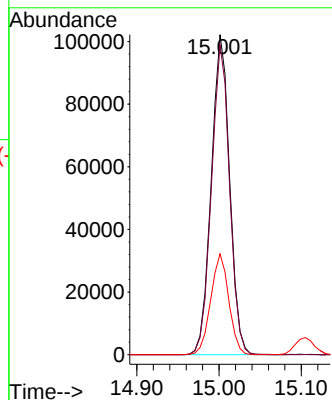
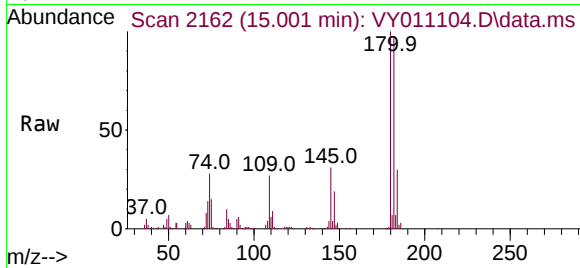




#93
1,2,4-Trichlorobenzene
Concen: 51.066 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

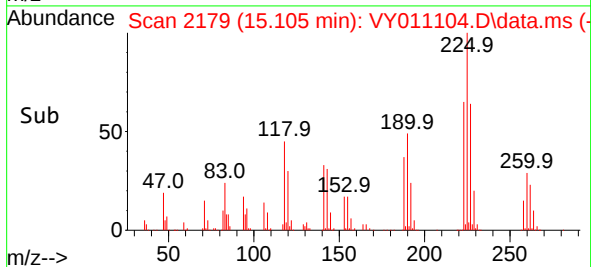
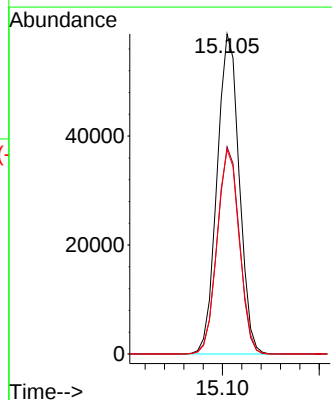
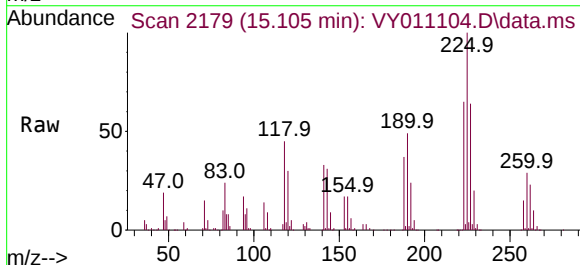
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

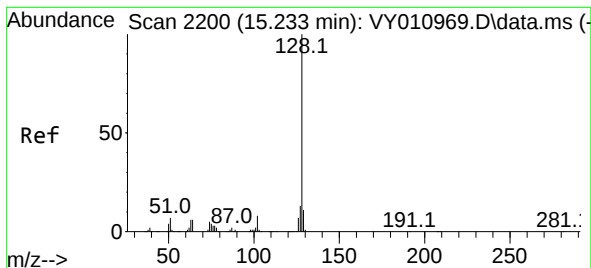
Tgt Ion:180 Resp: 158863
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 31.0 14.6 43.8



#94
Hexachlorobutadiene
Concen: 50.979 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. -0.006 min
Lab File: VY011104.D
Acq: 25 Oct 2022 19:05

Tgt Ion:225 Resp: 93350
Ion Ratio Lower Upper
225 100
223 64.4 30.8 92.3
227 64.2 31.6 94.7





#95

Naphthalene

Concen: 54.985 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

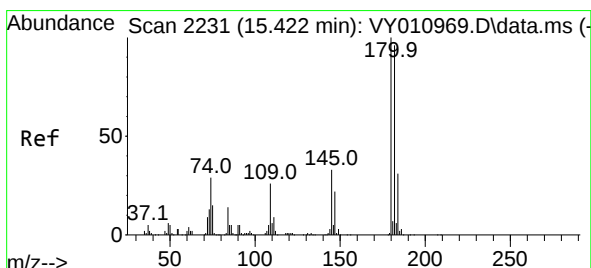
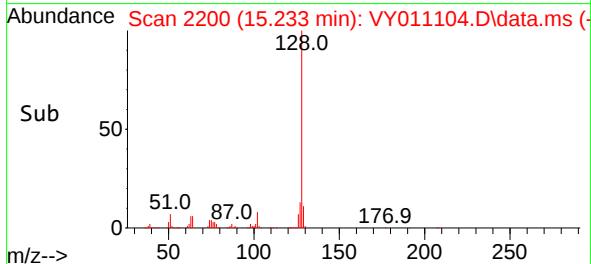
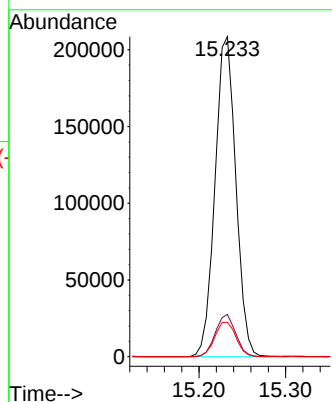
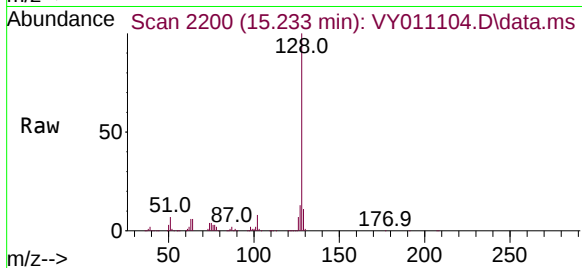
Tgt Ion:128 Resp: 348360

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 53.092 ug/l

RT: 15.416 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY011104.D

Acq: 25 Oct 2022 19:05

Tgt Ion:180 Resp: 144090

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 32.9 15.3 45.9

