

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011833.D
 Acq On : 14 Dec 2022 10:04
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 15 01:13:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	232355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	354482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	317801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76489	48.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.100%
35) Dibromofluoromethane	7.722	113	80373	51.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.185	98	250953	48.386	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.483	95	104988	51.193	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48061	46.144	ug/l	97
3) Chloromethane	2.119	50	59951	48.092	ug/l	100
4) Vinyl Chloride	2.260	62	70797	47.495	ug/l	98
5) Bromomethane	2.656	94	50002	50.140	ug/l	100
6) Chloroethane	2.802	64	50921	44.194	ug/l	100
7) Trichlorofluoromethane	3.131	101	141609	44.335	ug/l	99
8) Diethyl Ether	3.534	74	49433	44.184	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	87362	45.818	ug/l	99
10) Methyl Iodide	4.101	142	102013	45.696	ug/l	98
11) Tert butyl alcohol	4.960	59	48153	258.113	ug/l	100
12) 1,1-Dichloroethene	3.875	96	79136	46.020	ug/l	99
13) Acrolein	3.735	56	105443	321.913	ug/l	99
14) Allyl chloride	4.491	41	133086	46.592	ug/l	99
15) Acrylonitrile	5.168	53	140502	233.974	ug/l	98
16) Acetone	3.948	43	166961	263.157	ug/l	94
17) Carbon Disulfide	4.198	76	168017	42.784	ug/l	100
18) Methyl Acetate	4.485	43	67017	44.153	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	259381	48.175	ug/l	98
20) Methylene Chloride	4.716	84	104980	46.013	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	89408	46.260	ug/l	97
22) Diisopropyl ether	6.119	45	308825	49.555	ug/l	97
23) Vinyl Acetate	6.064	43	922979	259.605	ug/l	100
24) 1,1-Dichloroethane	6.021	63	177454	46.858	ug/l	100
25) 2-Butanone	6.984	43	199964	245.024	ug/l	98
26) 2,2-Dichloropropane	6.984	77	169104	47.462	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	112038	47.430	ug/l	99
28) Bromochloromethane	7.338	49	66237	48.043	ug/l	99
29) Tetrahydrofuran	7.350	42	111707	240.487	ug/l	98
30) Chloroform	7.509	83	194714	48.094	ug/l	100
31) Cyclohexane	7.789	56	130830	48.237	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	171649	47.539	ug/l	99
36) 1,1-Dichloropropene	7.923	75	128811	47.886	ug/l	99
37) Ethyl Acetate	7.076	43	74164	47.159	ug/l	99
38) Carbon Tetrachloride	7.905	117	153288	48.512	ug/l	95
39) Methylcyclohexane	9.185	83	141903	46.884	ug/l	99
40) Benzene	8.161	78	386410	48.084	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	44887	56.540	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	121986	49.088	ug/l	100
43) Isopropyl Acetate	8.277	43	138165	48.451	ug/l	100
44) Trichloroethene	8.941	130	107741	47.871	ug/l	100
45) 1,2-Dichloropropane	9.216	63	102000	49.041	ug/l	98
46) Dibromomethane	9.307	93	56491	48.521	ug/l	98
47) Bromodichloromethane	9.496	83	149599	49.737	ug/l	97
48) Methyl methacrylate	9.295	41	62203	49.485	ug/l	98
49) 1,4-Dioxane	9.301	88	15367	952.750	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	400155	254.665	ug/l	100
52) Toluene	10.246	92	252195	49.365	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	146609	48.798	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	165969	49.168	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	84886	49.329	ug/l	98
56) Ethyl methacrylate	10.514	69	111856	50.354	ug/l	99
57) 1,3-Dichloropropane	10.789	76	140732	49.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	254733	247.299	ug/l	100
59) 2-Hexanone	10.831	43	296842	264.406	ug/l	100
60) Dibromochloromethane	10.984	129	107340	49.803	ug/l	99
61) 1,2-Dibromoethane	11.093	107	76377	48.993	ug/l	99
64) Tetrachloroethene	10.721	164	108480	48.246	ug/l	99
65) Chlorobenzene	11.520	112	277378	48.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	110276	49.641	ug/l	100
67) Ethyl Benzene	11.593	91	494037	48.964	ug/l	99
68) m/p-Xylenes	11.703	106	379966	98.335	ug/l	99
69) o-Xylene	12.032	106	181646	49.319	ug/l	100
70) Styrene	12.044	104	314907	50.096	ug/l	99
71) Bromoform	12.209	173	68027	49.647	ug/l #	99
73) Isopropylbenzene	12.331	105	506420	50.632	ug/l	100
74) N-amyl acetate	12.148	43	120776	50.223	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	96491	49.536	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	128601	82.338	ug/l #	100
77) Bromobenzene	12.611	156	116478	49.877	ug/l	99
78) n-propylbenzene	12.672	91	600381	50.089	ug/l	100
79) 2-Chlorotoluene	12.758	91	337371	49.318	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	421617	49.871	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	34395	49.972	ug/l	100
82) 4-Chlorotoluene	12.855	91	344596	48.567	ug/l	100
83) tert-Butylbenzene	13.075	119	380512	51.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	420254	50.487	ug/l	98
85) sec-Butylbenzene	13.258	105	551704	50.324	ug/l	99
86) p-Isopropyltoluene	13.373	119	459622	50.372	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	230458	49.038	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	226551	48.504	ug/l	99
89) n-Butylbenzene	13.703	91	421044	50.760	ug/l	100
90) Hexachloroethane	13.965	117	89888	49.576	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	205757	48.653	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16311	48.029	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	126866	51.434	ug/l	99
94) Hexachlorobutadiene	15.111	225	78284	49.951	ug/l	100
95) Naphthalene	15.239	128	254355	53.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	109831	51.550	ug/l	98

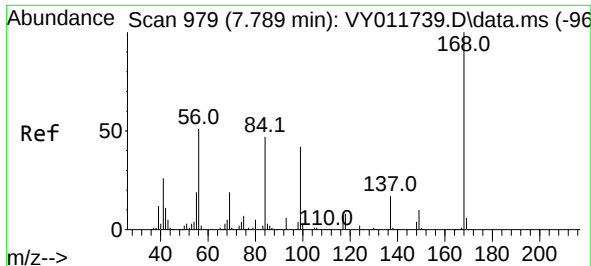
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Response via : Initial Calibration

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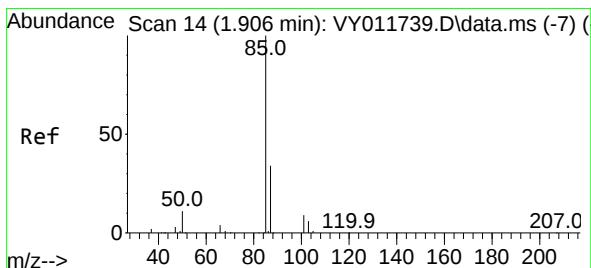
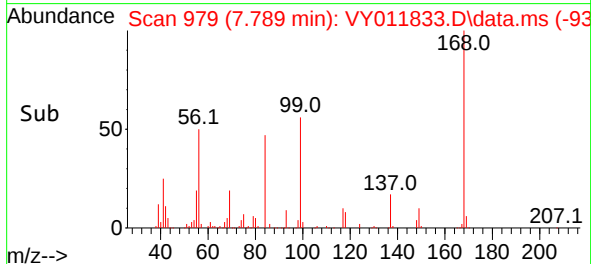
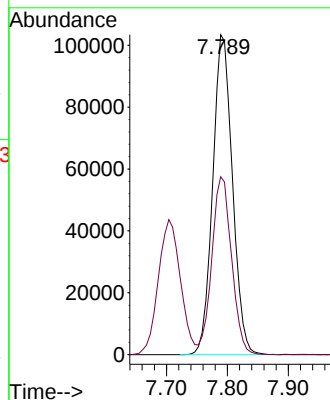
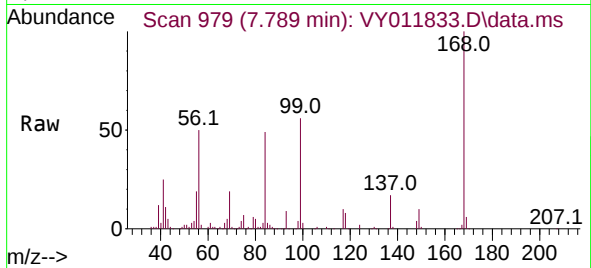
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

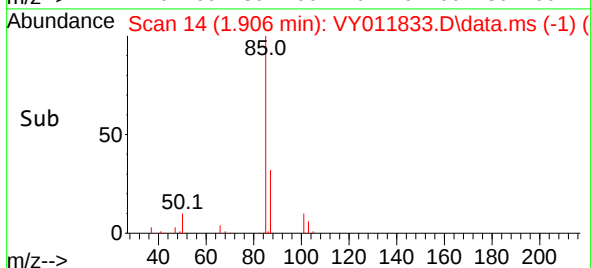
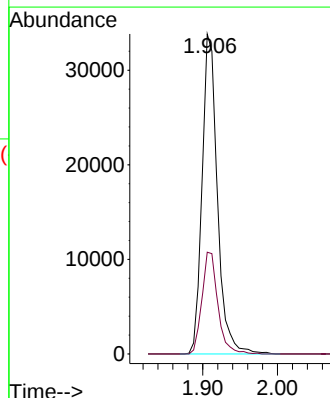
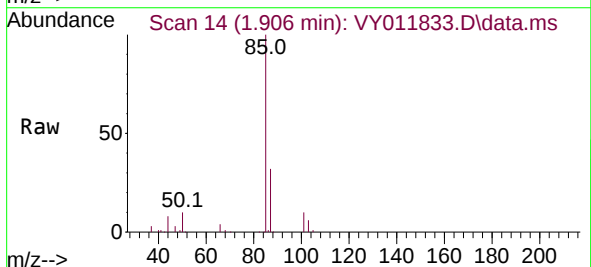
Instrument :
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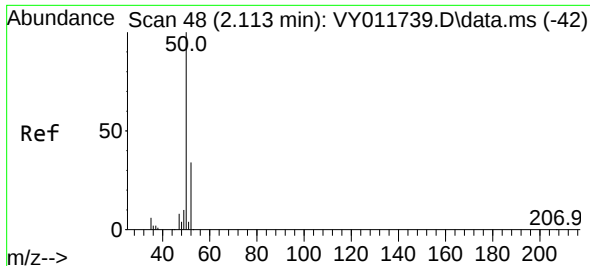
Tgt Ion:168 Resp: 232355
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 46.144 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 85 Resp: 48061
Ion Ratio Lower Upper
85 100
87 31.8 16.8 50.4

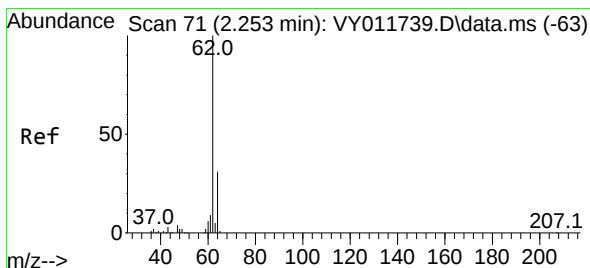
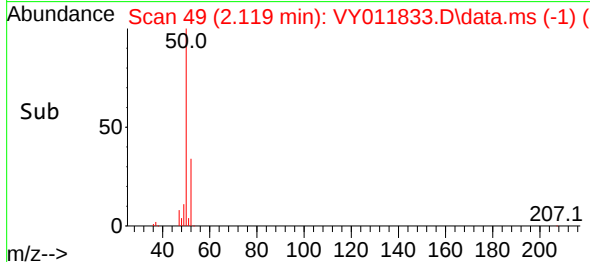
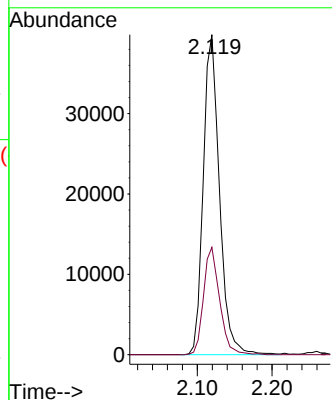
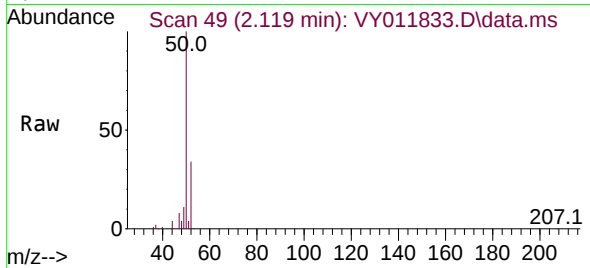




#3
Chloromethane
Concen: 48.092 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

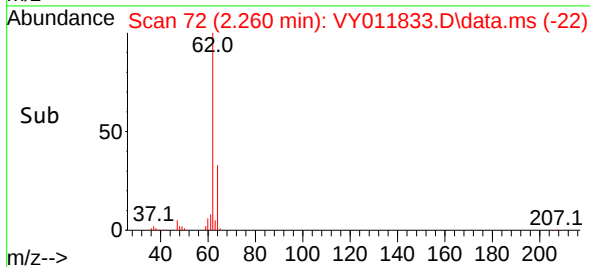
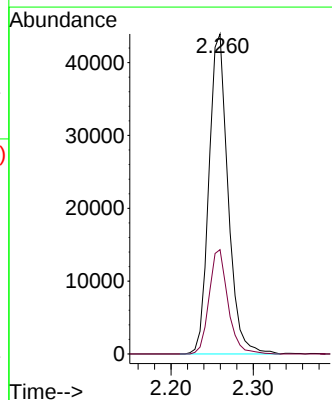
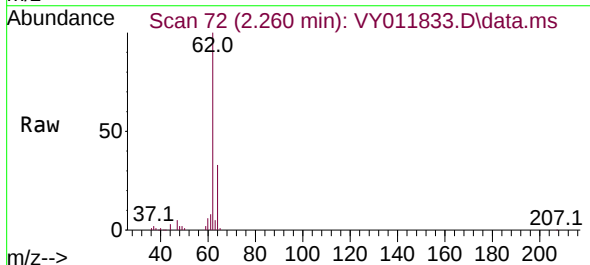
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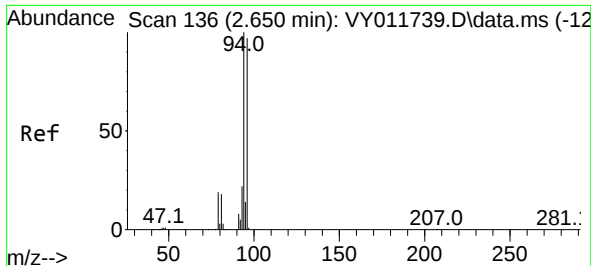
Tgt Ion: 50 Resp: 59951
Ion Ratio Lower Upper
50 100
52 33.6 26.8 40.2



#4
Vinyl Chloride
Concen: 47.495 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.007 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 62 Resp: 70797
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6

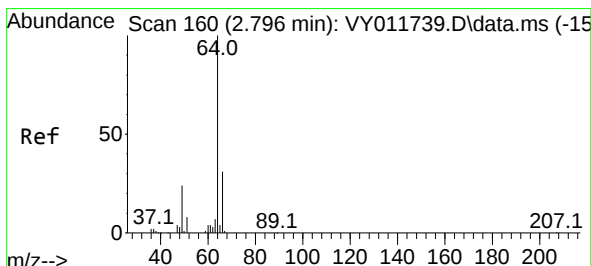
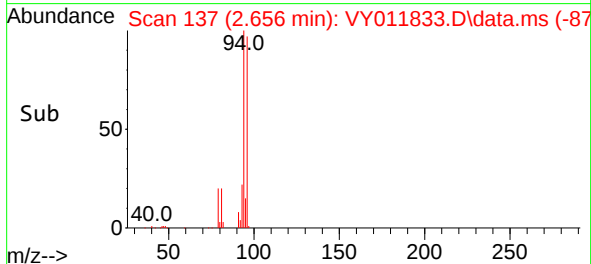
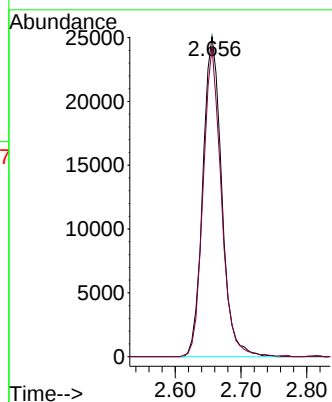
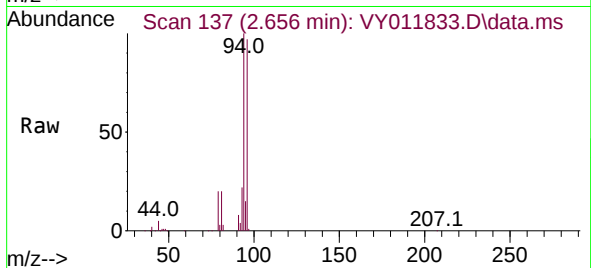




#5
Bromomethane
Concen: 50.140 ug/l
RT: 2.656 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

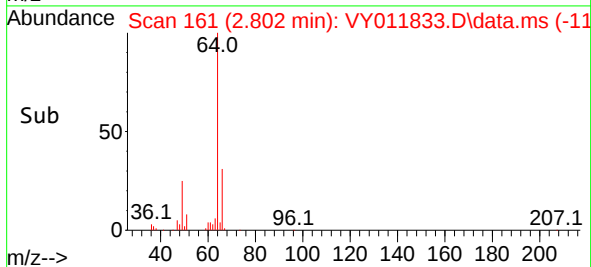
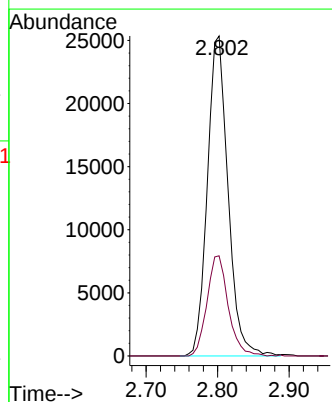
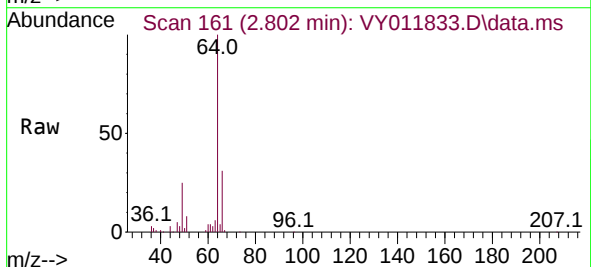
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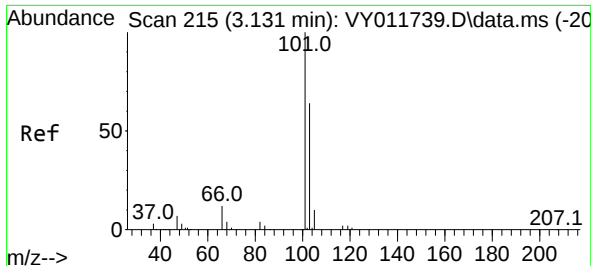
Tgt Ion: 94 Resp: 50002
Ion Ratio Lower Upper
94 100
96 96.7 77.4 116.2



#6
Chloroethane
Concen: 44.194 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 64 Resp: 50921
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.4

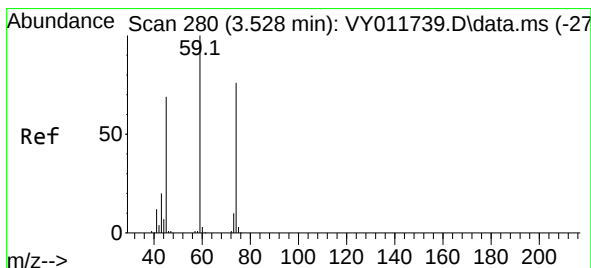
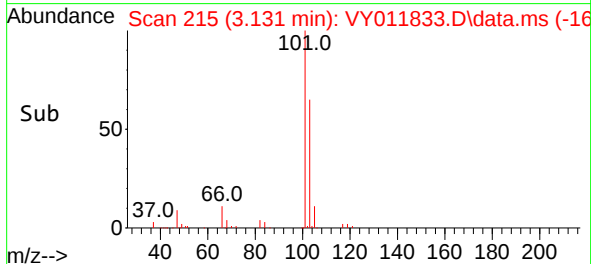
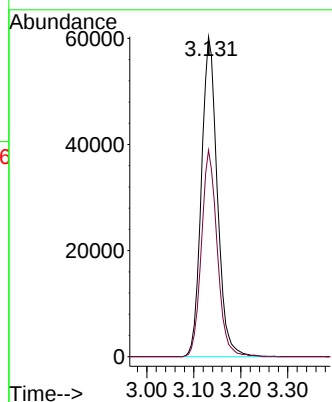
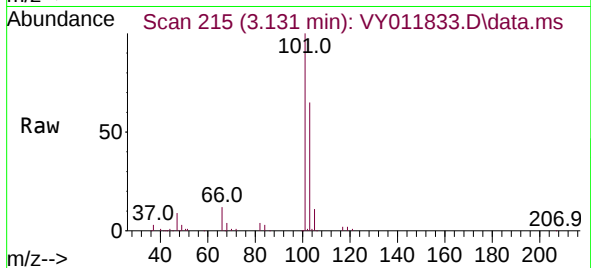




#7
 Trichlorofluoromethane
 Concen: 44.335 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY011833.D
 Acq: 14 Dec 2022 10:04

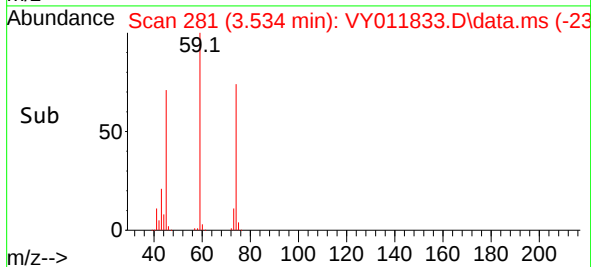
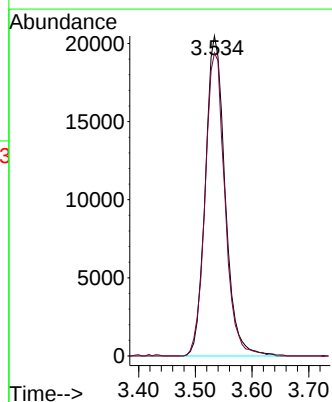
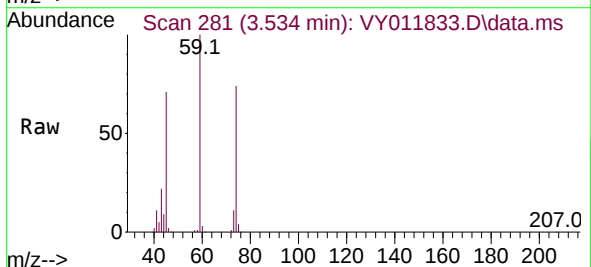
Instrument :
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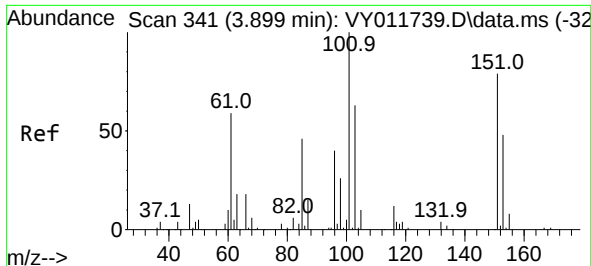
Tgt Ion:101 Resp: 141609
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.0 76.6



#8
 Diethyl Ether
 Concen: 44.184 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY011833.D
 Acq: 14 Dec 2022 10:04

Tgt Ion: 74 Resp: 49433
 Ion Ratio Lower Upper
 74 100
 45 95.6 46.8 140.3

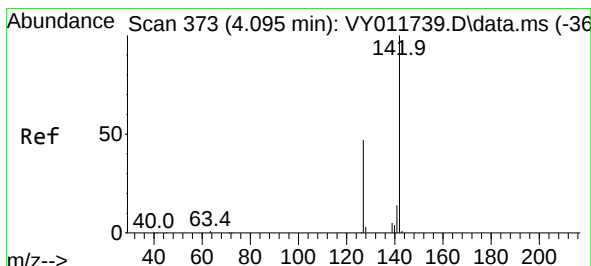
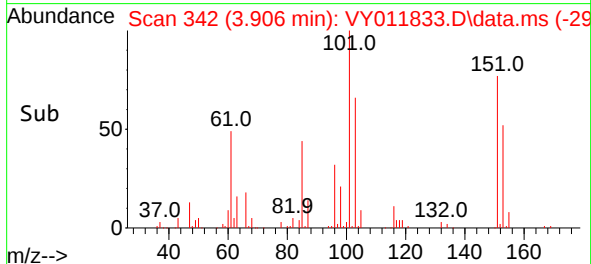
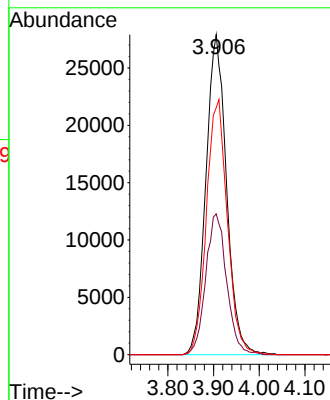
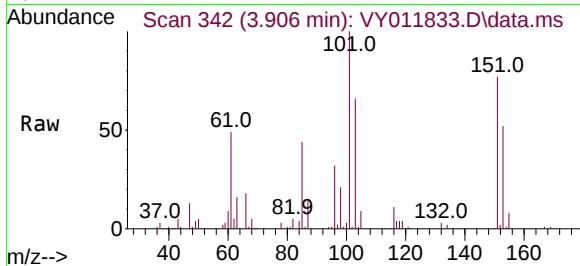




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.818 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY011833.D
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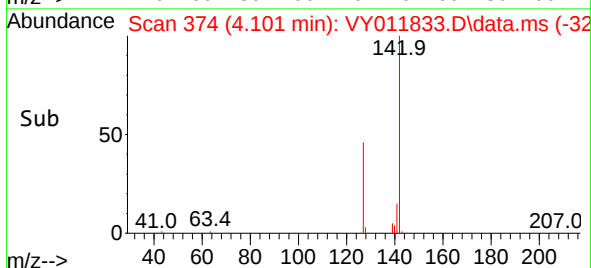
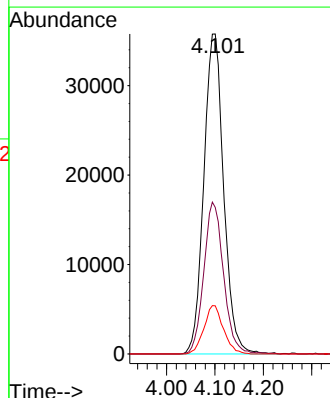
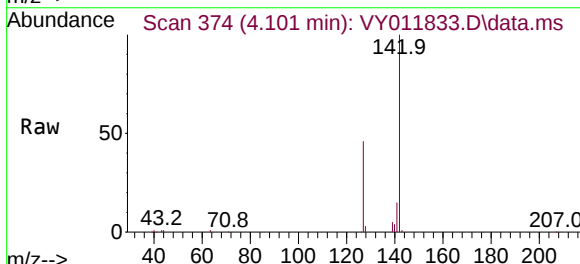
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

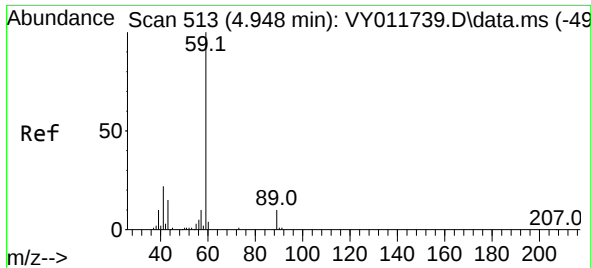
Tgt Ion:101 Resp: 87362
Ion Ratio Lower Upper
101 100
85 44.7 36.2 54.2
151 81.0 64.2 96.2



#10
Methyl Iodide
Concen: 45.696 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion:142 Resp: 102013
Ion Ratio Lower Upper
142 100
127 47.4 37.0 55.4
141 14.8 11.4 17.0

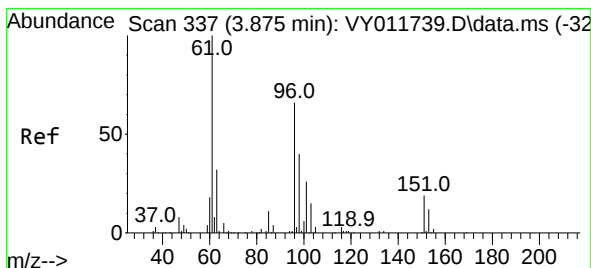
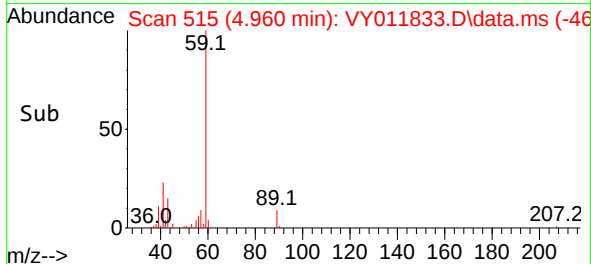
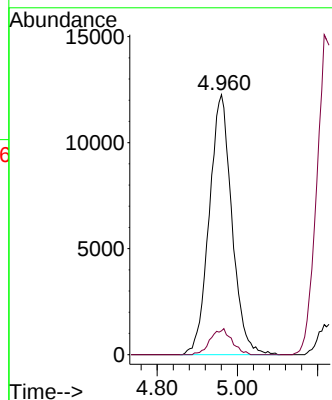
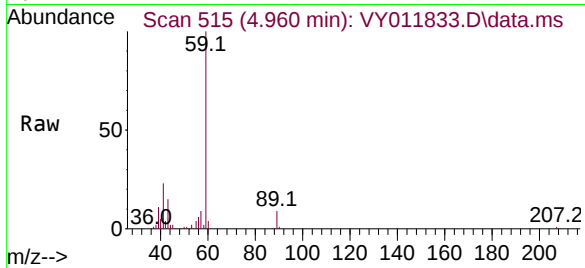




#11
Tert butyl alcohol
Concen: 258.113 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

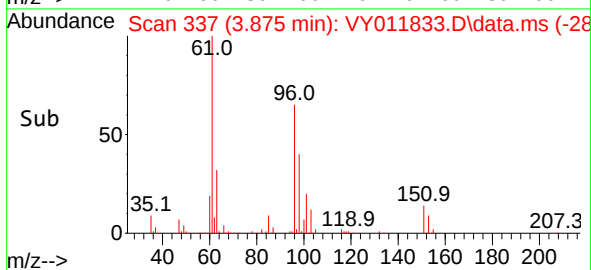
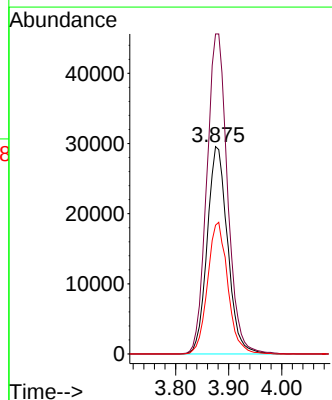
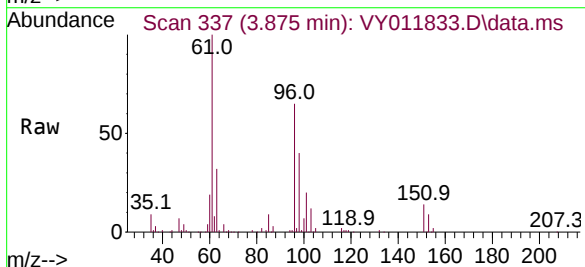
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

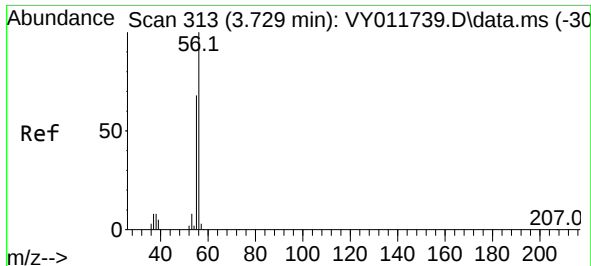
Tgt Ion: 59 Resp: 48153
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.2



#12
1,1-Dichloroethene
Concen: 46.020 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 96 Resp: 79136
Ion Ratio Lower Upper
96 100
61 154.3 122.0 183.0
98 62.1 48.6 73.0

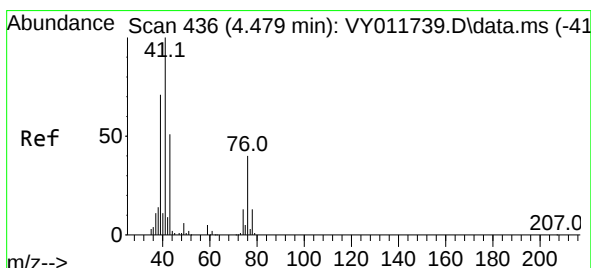
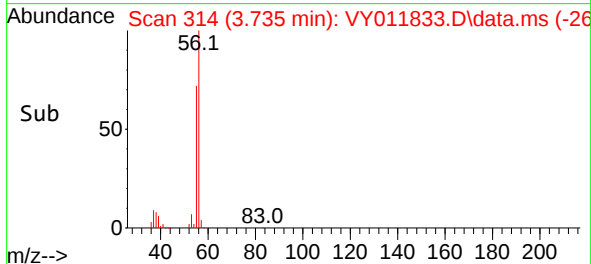
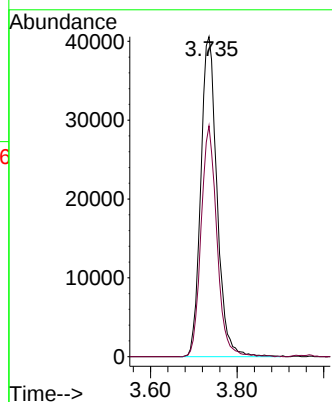
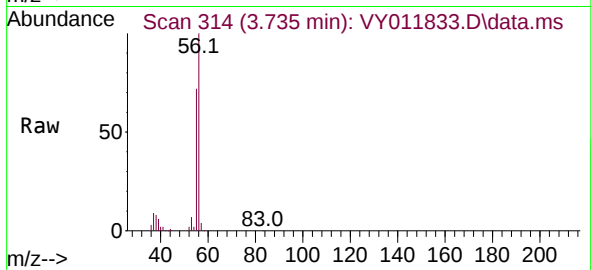




#13
Acrolein
Concen: 321.913 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

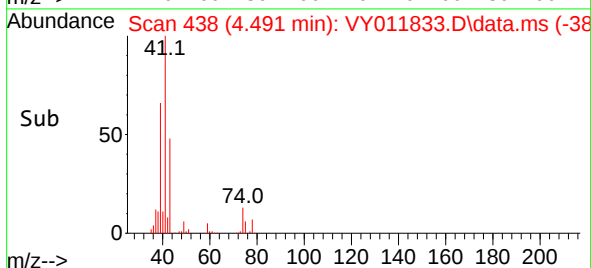
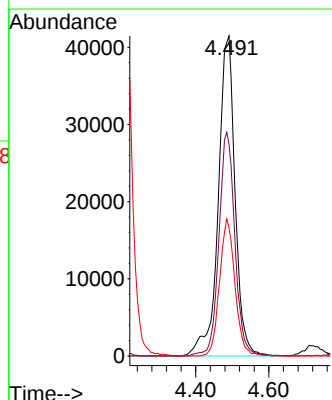
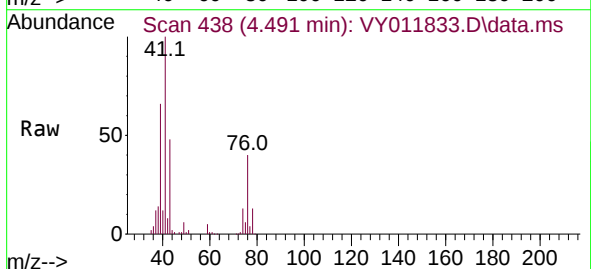
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

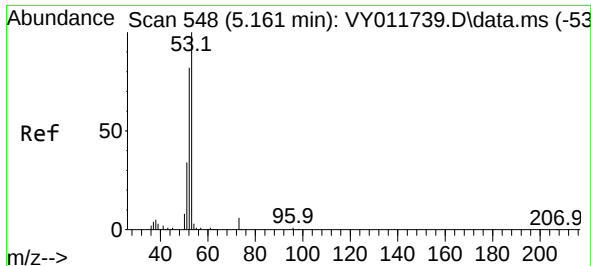
Tgt Ion: 56 Resp: 105443
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0



#14
Allyl chloride
Concen: 46.592 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 41 Resp: 133086
Ion Ratio Lower Upper
41 100
39 66.2 53.5 80.3
76 39.1 31.1 46.7

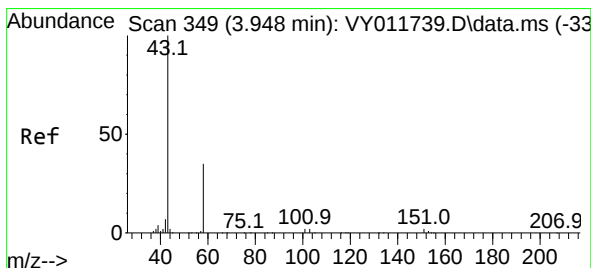
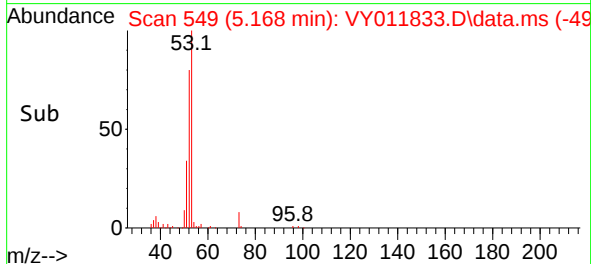
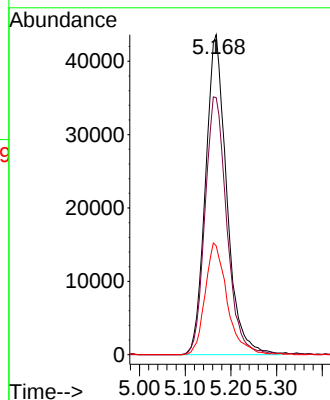
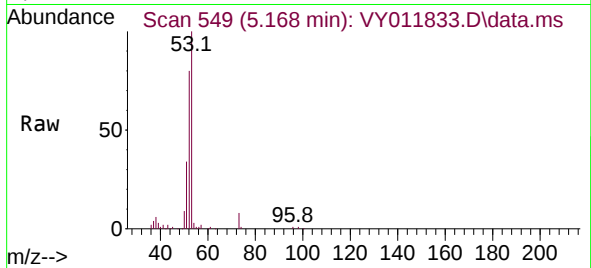




#15
Acrylonitrile
Concen: 233.974 ug/l
RT: 5.168 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

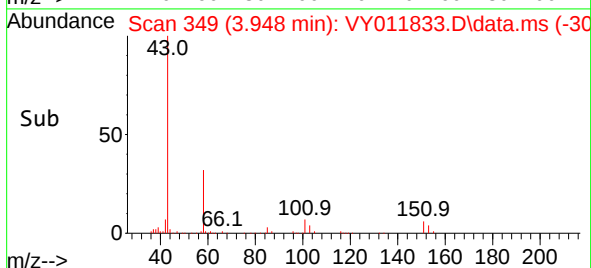
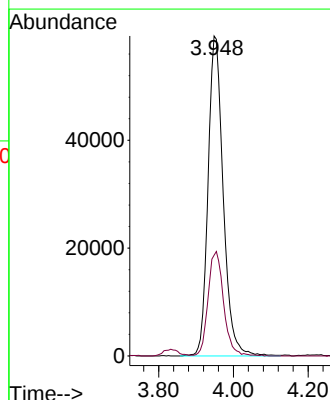
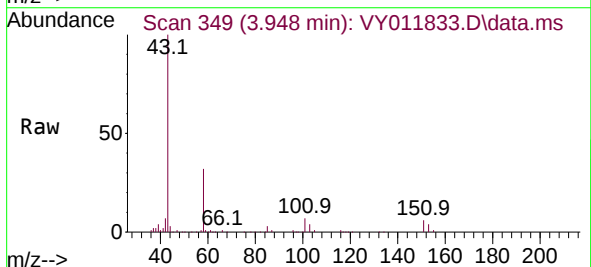
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

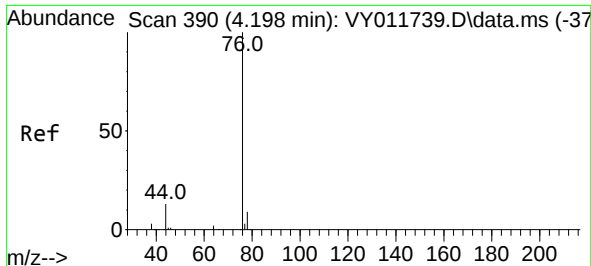
Tgt Ion: 53 Resp: 140502
Ion Ratio Lower Upper
53 100
52 83.0 65.1 97.7
51 36.4 28.7 43.1



#16
Acetone
Concen: 263.157 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 43 Resp: 166961
Ion Ratio Lower Upper
43 100
58 31.5 27.9 41.9

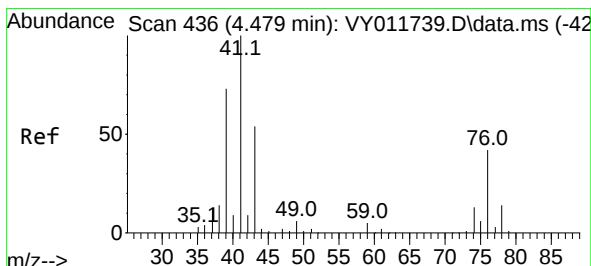
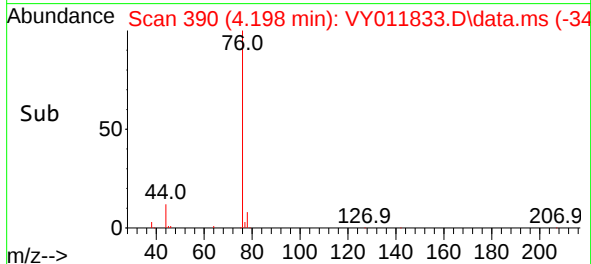
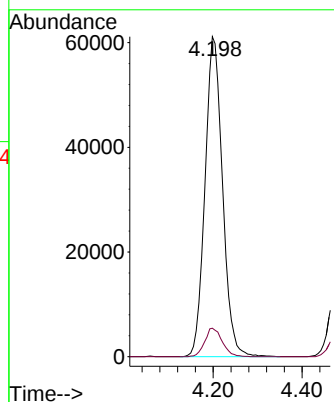
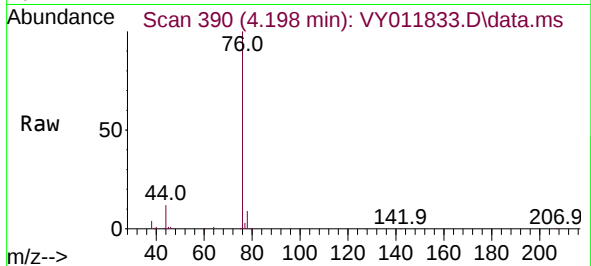




#17
Carbon Disulfide
Concen: 42.784 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

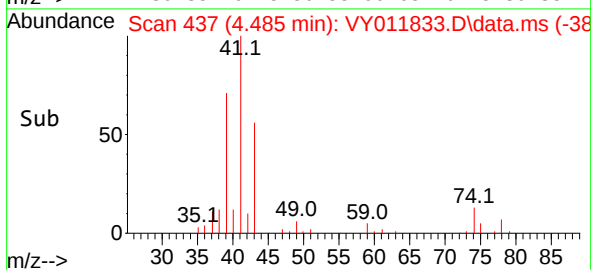
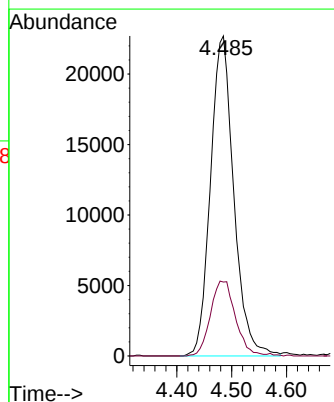
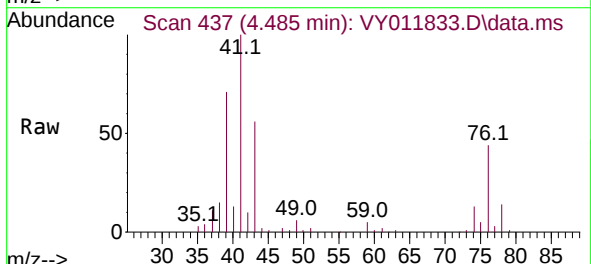
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

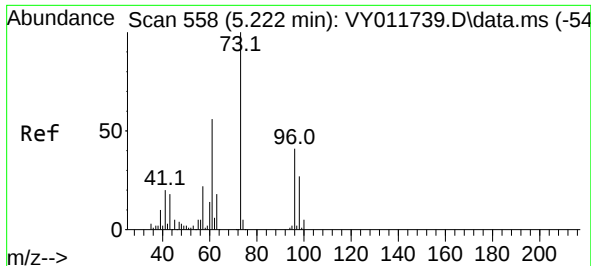
Tgt Ion: 76 Resp: 168017
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 44.153 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 43 Resp: 67017
Ion Ratio Lower Upper
43 100
74 25.3 20.1 30.1

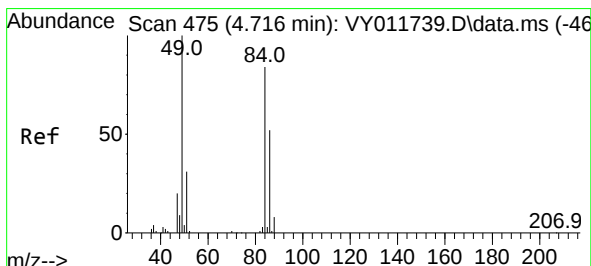
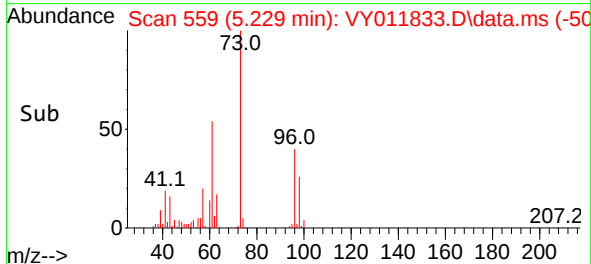
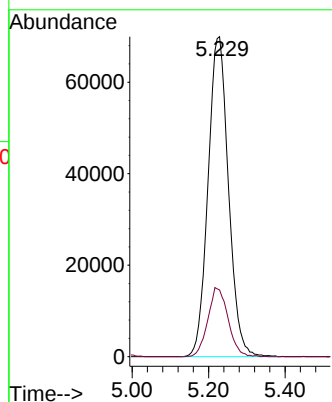
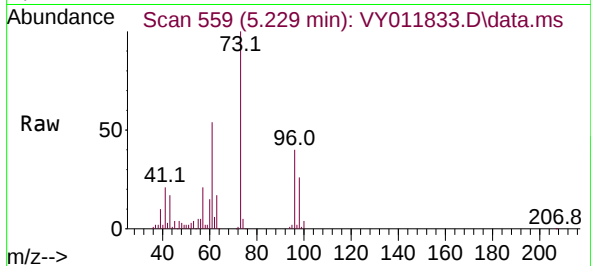




#19
Methyl tert-butyl Ether
Concen: 48.175 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

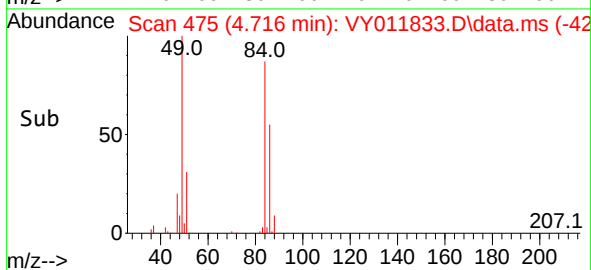
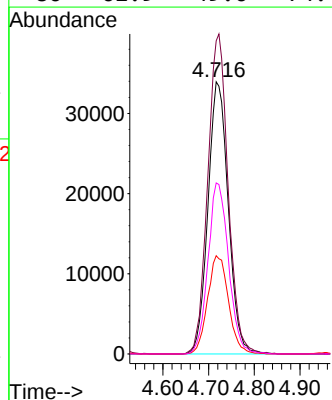
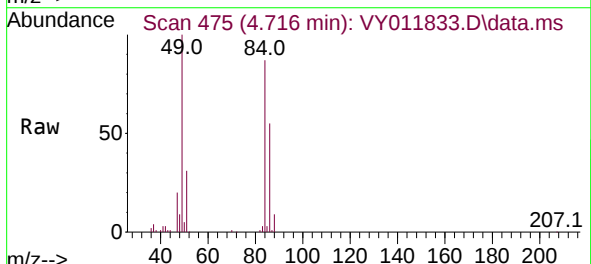
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

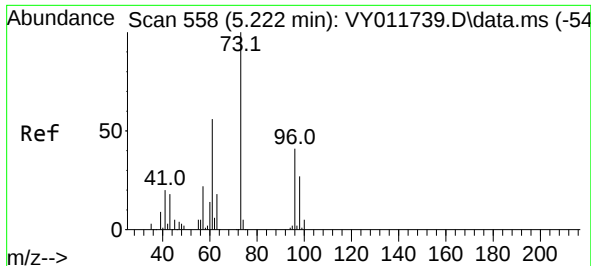
Tgt Ion: 73 Resp: 259381
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0



#20
Methylene Chloride
Concen: 46.013 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 84 Resp: 104980
Ion Ratio Lower Upper
84 100
49 115.1 95.4 143.2
51 36.1 29.9 44.9
86 62.9 49.6 74.4

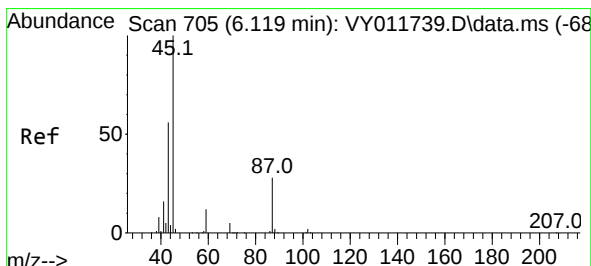
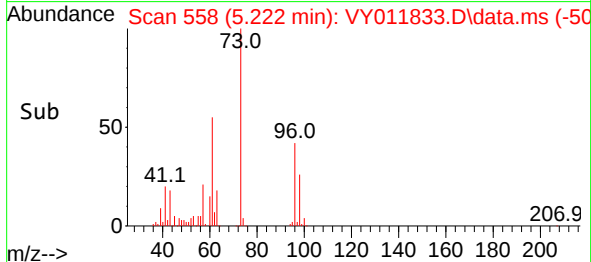
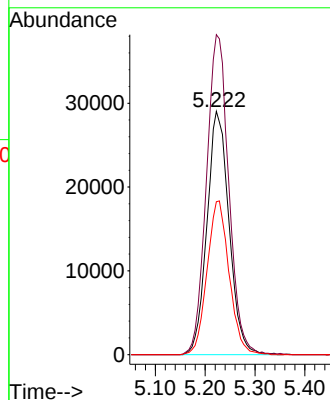
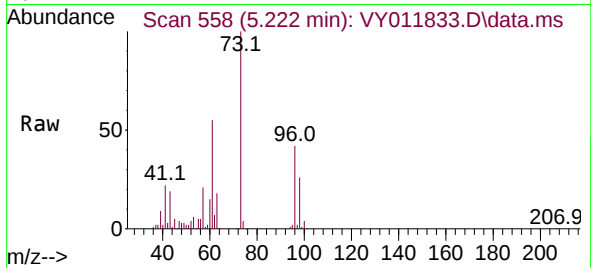




#21
trans-1,2-Dichloroethene
Concen: 46.260 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

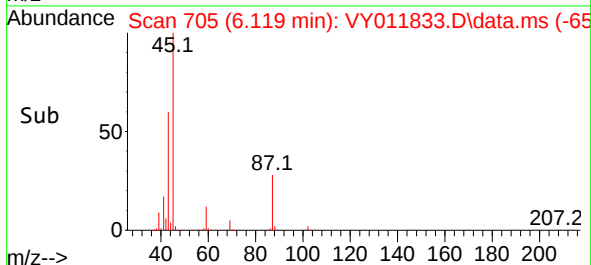
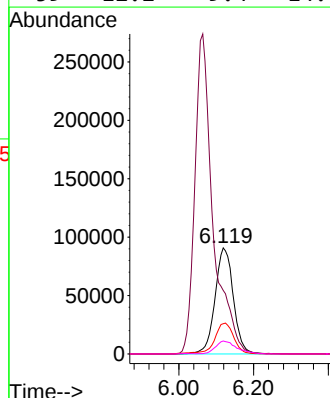
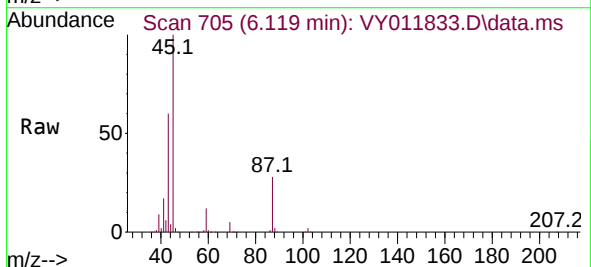
Instrument :
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ClientSampleId :
VSTDCCC050

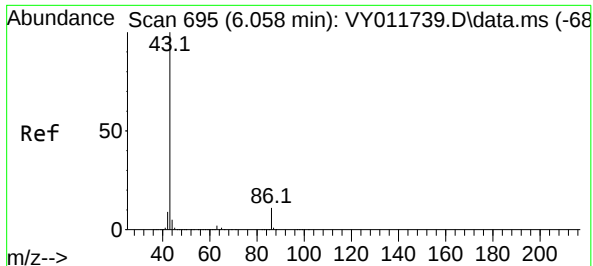
Tgt Ion: 96 Resp: 89408
Ion Ratio Lower Upper
96 100
61 131.5 108.0 162.0
98 62.9 51.6 77.4



#22
Diisopropyl ether
Concen: 49.555 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 45 Resp: 308825
Ion Ratio Lower Upper
45 100
43 59.6 45.0 67.4
87 28.5 22.6 33.8
59 12.2 9.4 14.0

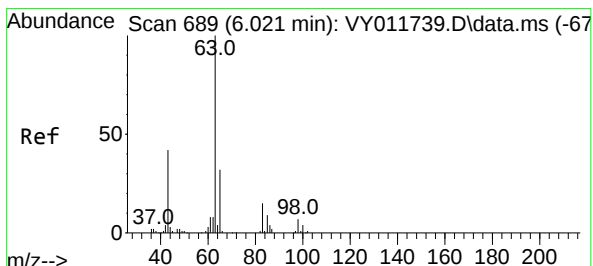
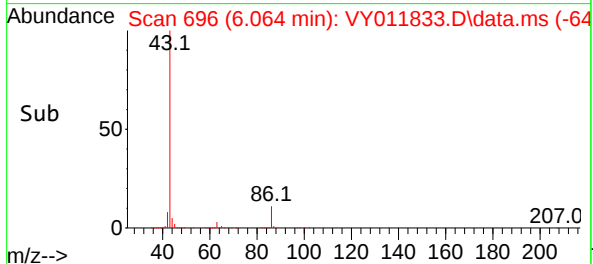
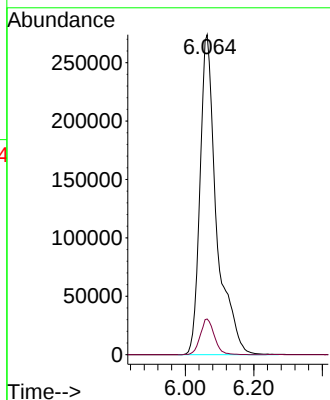
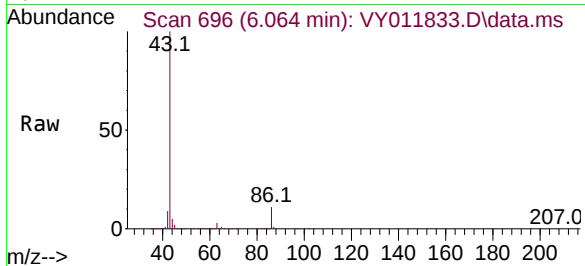




#23
 Vinyl Acetate
 Concen: 259.605 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY011833.D
 Acq: 14 Dec 2022 10:04

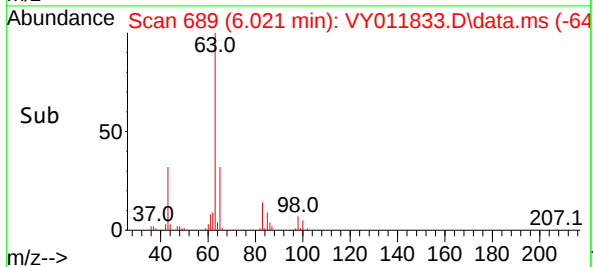
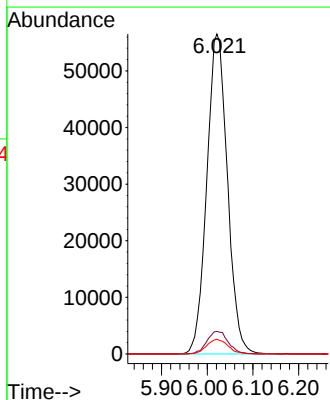
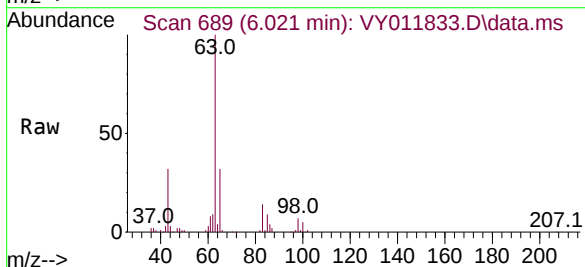
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

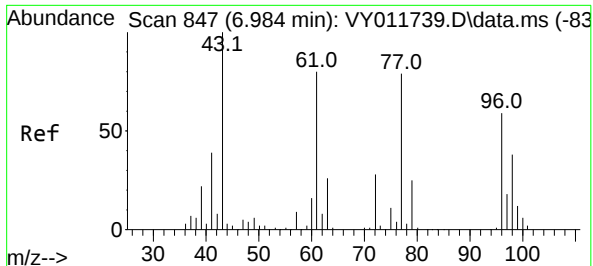
Tgt Ion: 43 Resp: 922979
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 46.858 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY011833.D
 Acq: 14 Dec 2022 10:04

Tgt Ion: 63 Resp: 177454
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 245.024 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

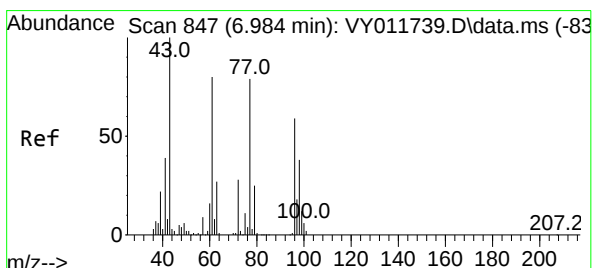
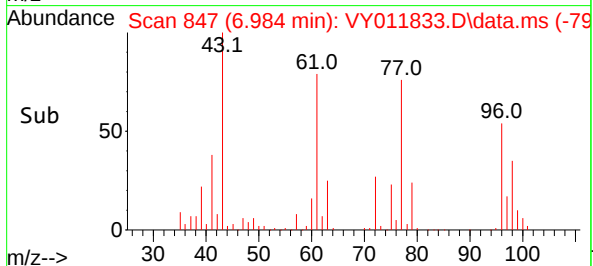
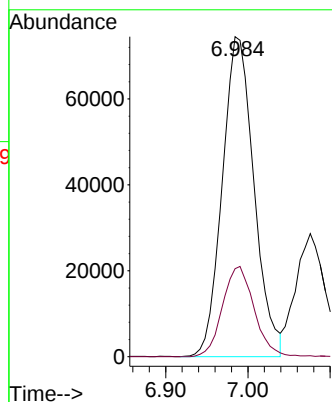
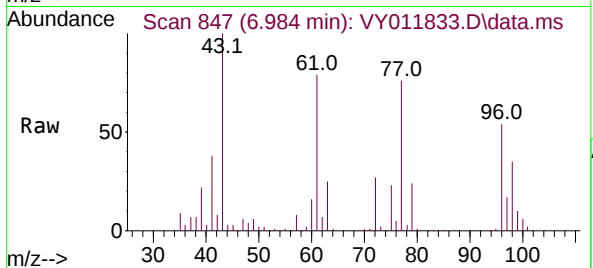
VSTDCCC050

Tgt Ion: 43 Resp: 199964

Ion Ratio Lower Upper

43 100

72 27.5 22.6 34.0



#26

2,2-Dichloropropane

Concen: 47.462 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011833.D

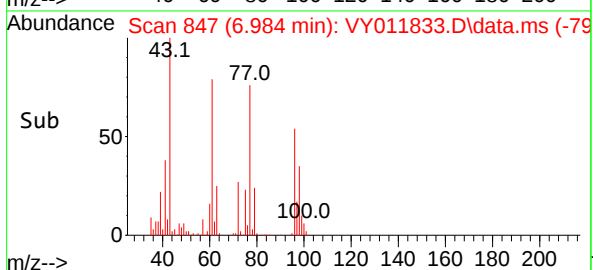
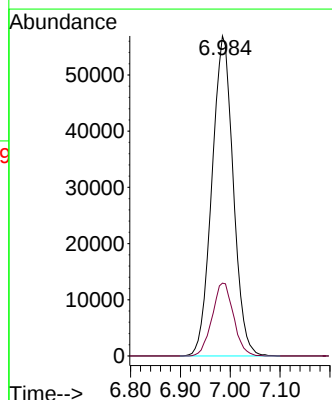
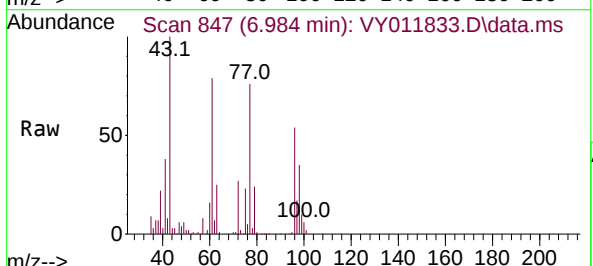
Acq: 14 Dec 2022 10:04

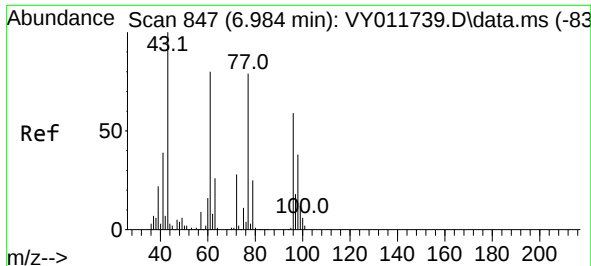
Tgt Ion: 77 Resp: 169104

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1

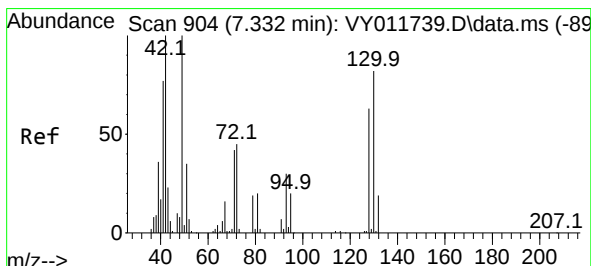
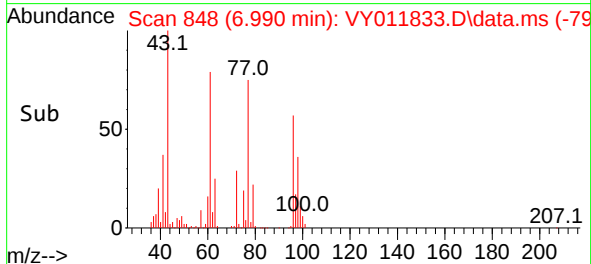
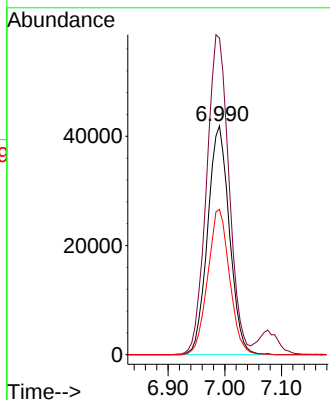
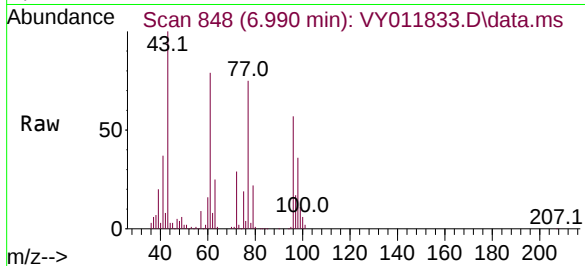




#27
 cis-1,2-Dichloroethene
 Concen: 47.430 ug/l
 RT: 6.990 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VY011833.D
 Acq: 14 Dec 2022 10:04

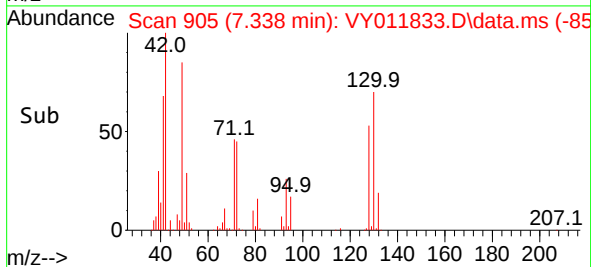
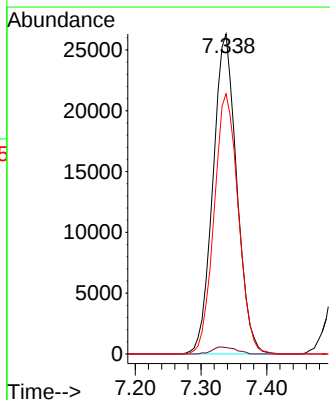
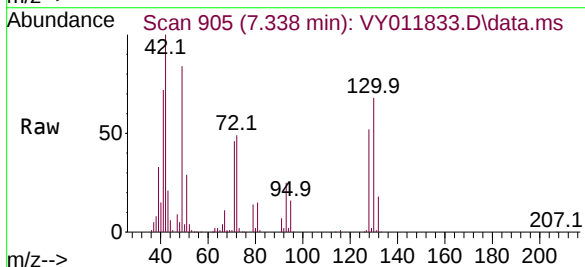
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

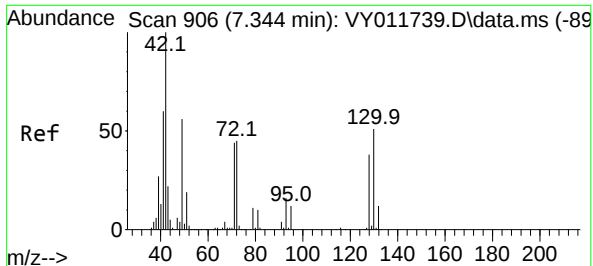
Tgt Ion: 96 Resp: 112038
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 283.4
 98 63.5 0.0 127.6



#28
 Bromochloromethane
 Concen: 48.043 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY011833.D
 Acq: 14 Dec 2022 10:04

Tgt Ion: 49 Resp: 66237
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 82.5 66.7 100.1





#29

Tetrahydrofuran

Concen: 240.487 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

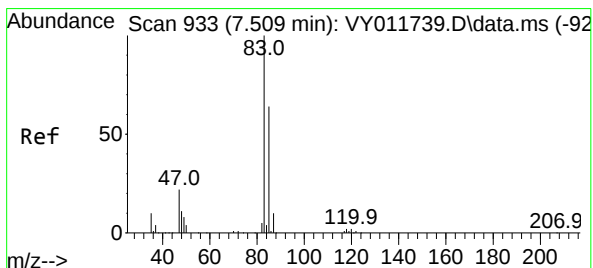
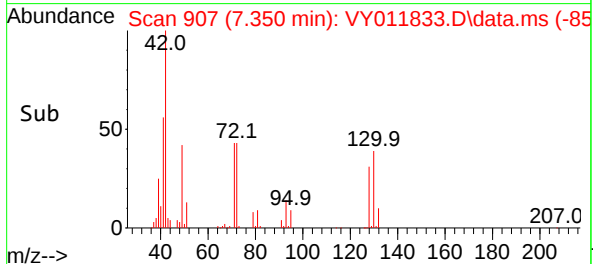
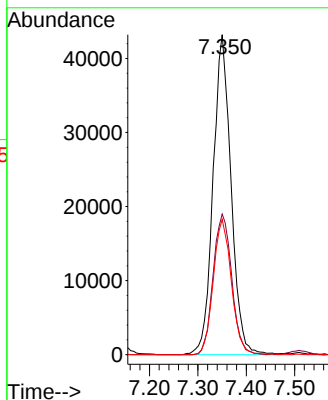
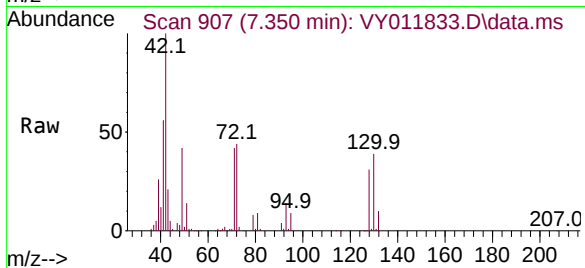
Tgt Ion: 42 Resp: 111707

Ion Ratio Lower Upper

42 100

72 45.3 37.0 55.6

71 42.6 34.9 52.3



#30

Chloroform

Concen: 48.094 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY011833.D

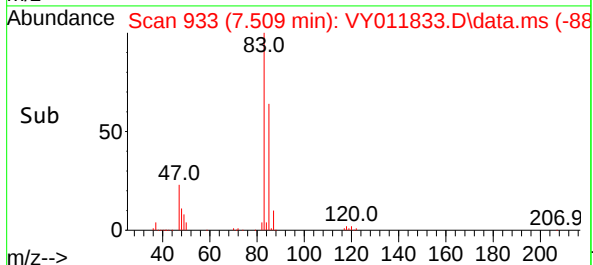
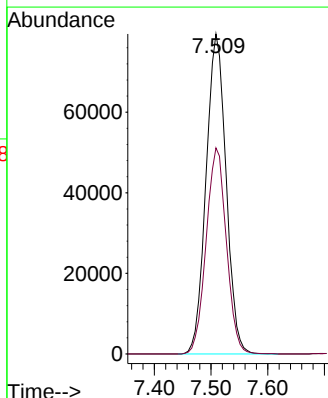
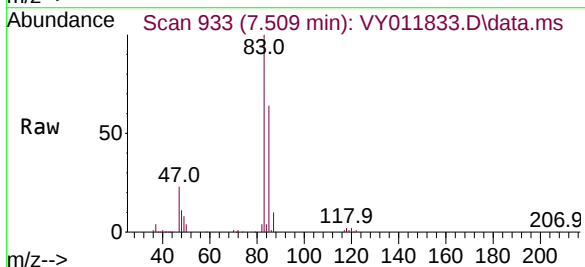
Acq: 14 Dec 2022 10:04

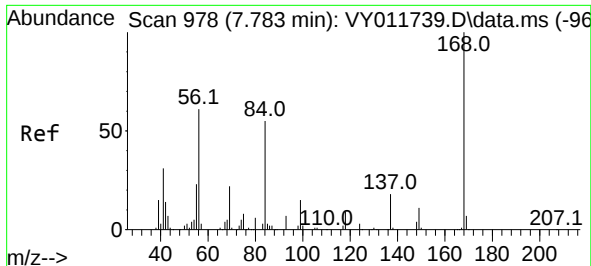
Tgt Ion: 83 Resp: 194714

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

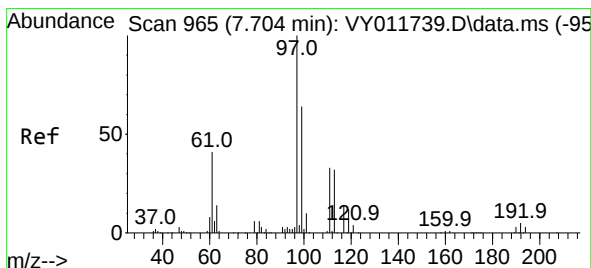
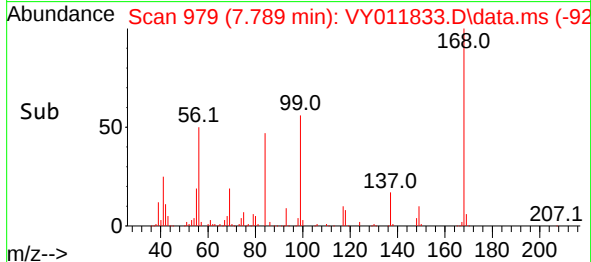
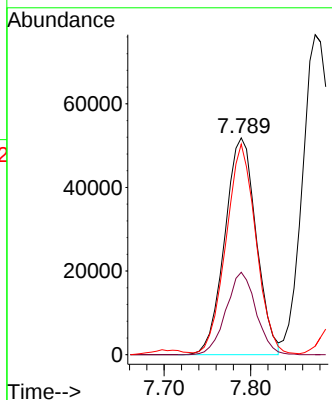
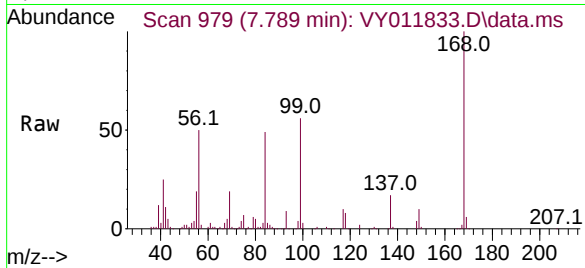




#31
Cyclohexane
Concen: 48.237 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

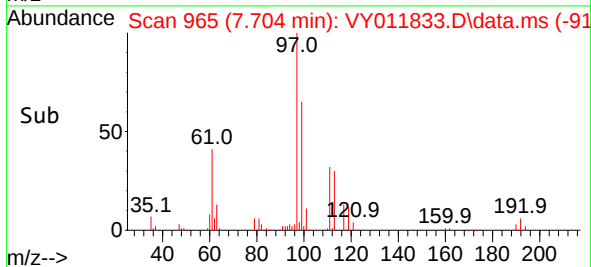
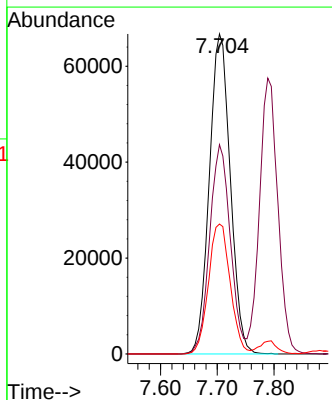
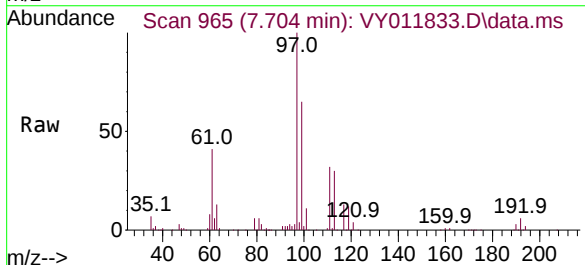
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

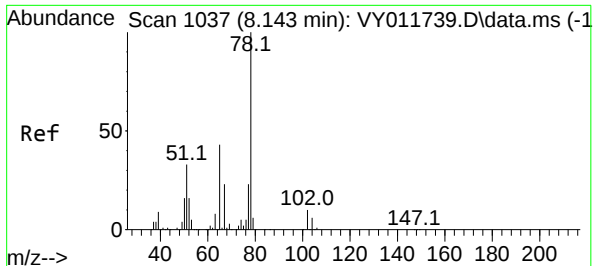
Tgt Ion: 56 Resp: 130830
Ion Ratio Lower Upper
56 100
69 38.0 29.2 43.8
84 95.1 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 47.539 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 97 Resp: 171649
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 42.1 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 48.055 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

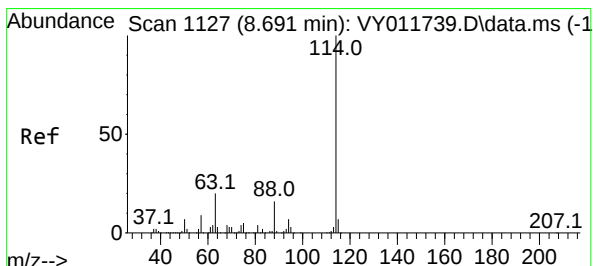
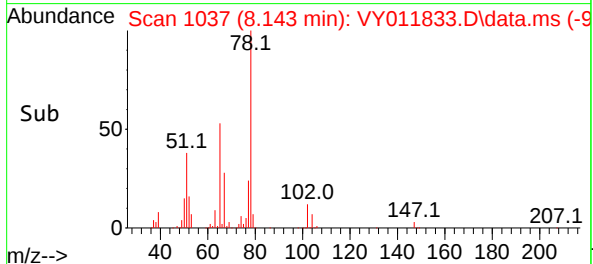
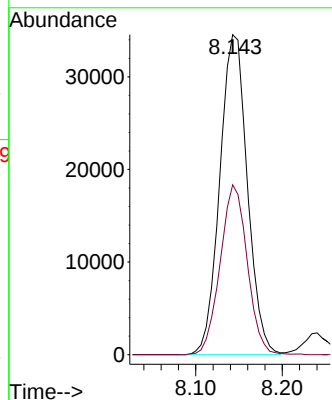
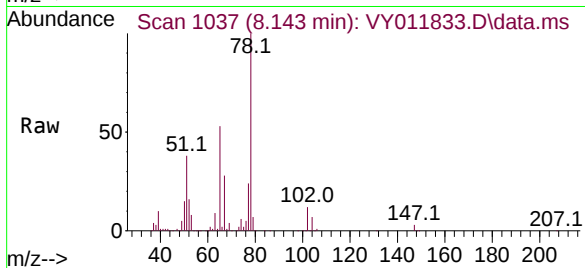
VSTDCCC050

Tgt Ion: 65 Resp: 76489

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

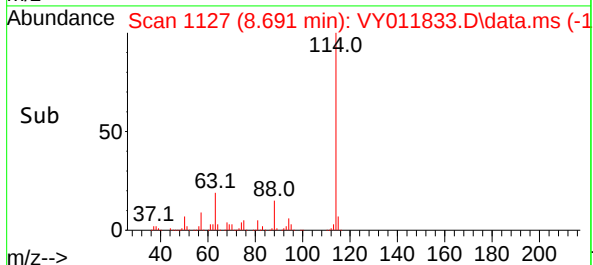
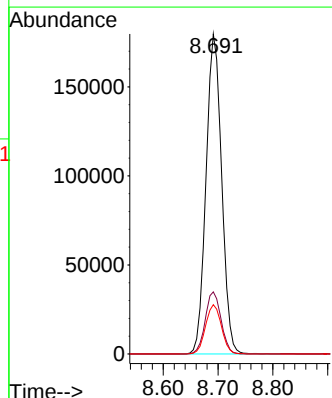
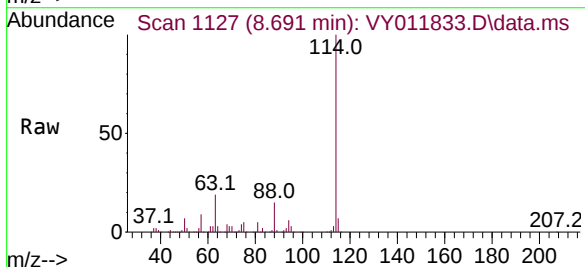
Tgt Ion: 114 Resp: 354482

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.4 0.0 32.2

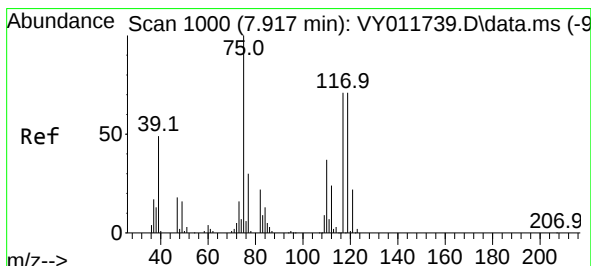
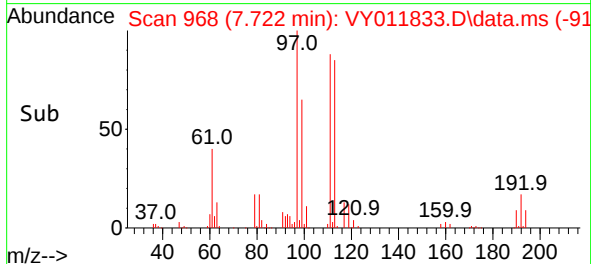
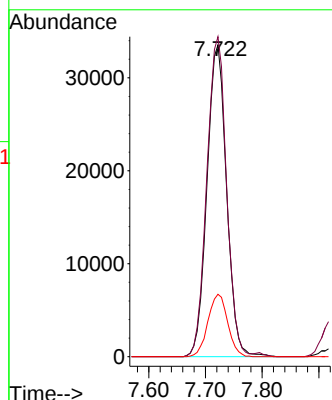
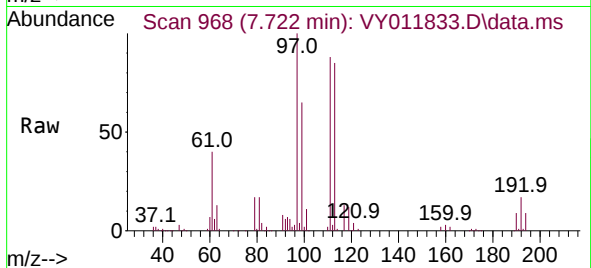




#35
Dibromofluoromethane
Concen: 51.119 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

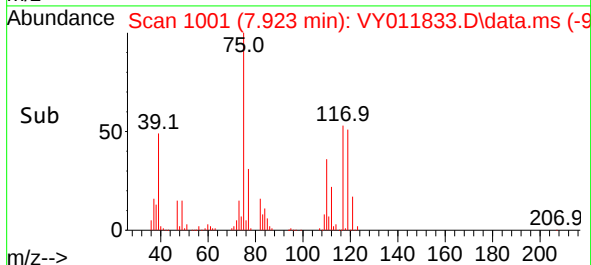
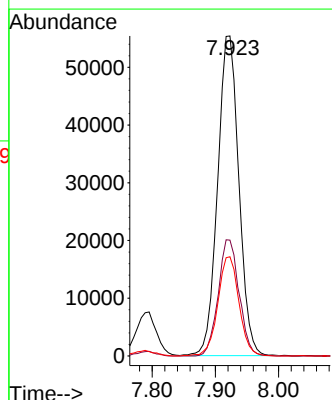
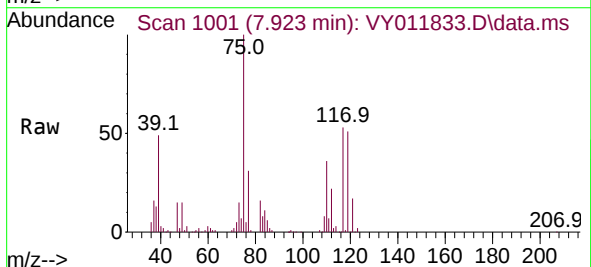
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

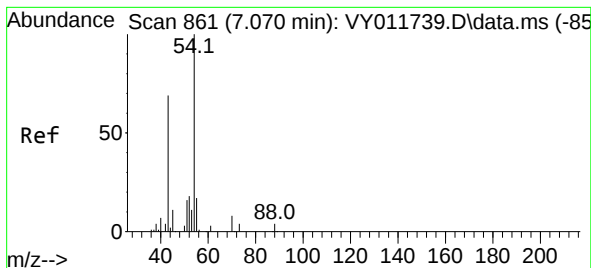
Tgt Ion:113 Resp: 80373
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.4
192 20.2 16.0 24.0



#36
1,1-Dichloropropene
Concen: 47.886 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 75 Resp: 128811
Ion Ratio Lower Upper
75 100
110 35.8 18.1 54.1
77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 47.159 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

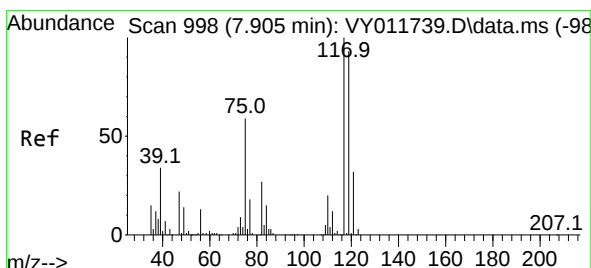
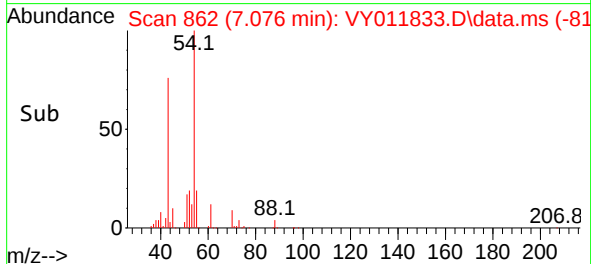
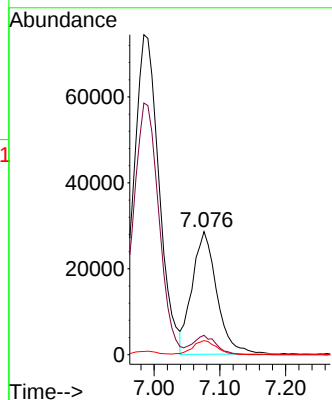
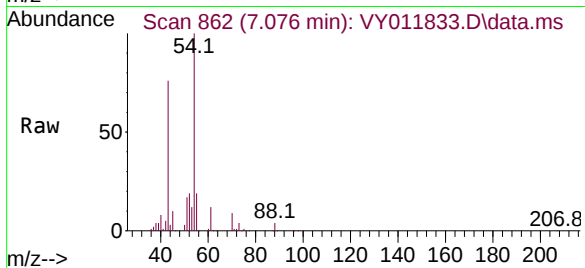
Tgt Ion: 43 Resp: 74164

Ion Ratio Lower Upper

43 100

61 14.4 11.3 16.9

70 11.2 8.2 12.4



#38

Carbon Tetrachloride

Concen: 48.512 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

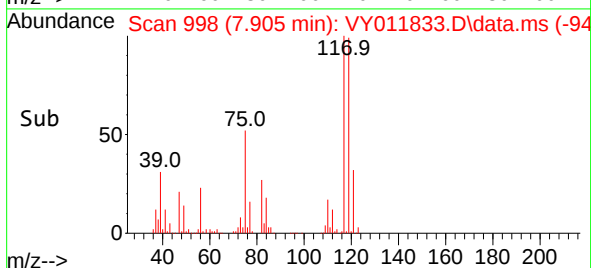
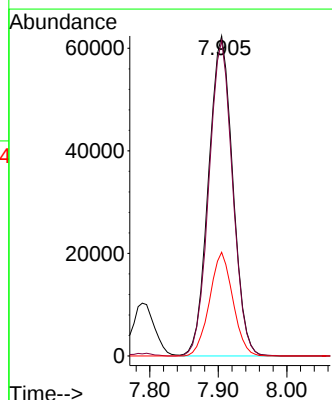
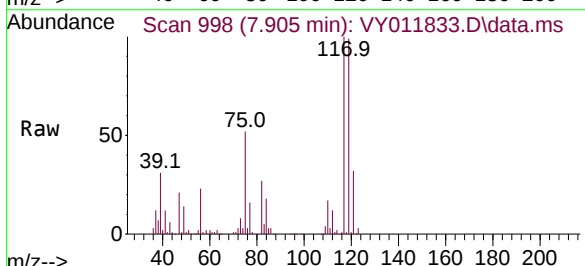
Tgt Ion: 117 Resp: 153288

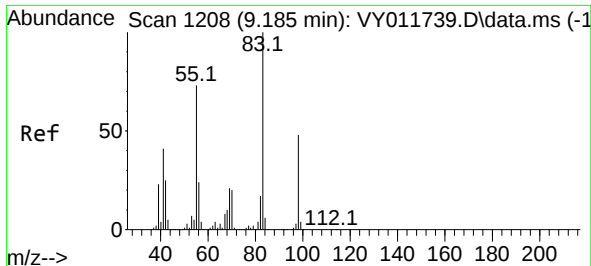
Ion Ratio Lower Upper

117 100

119 98.6 73.8 110.8

121 32.4 25.2 37.8





#39

Methylcyclohexane

Concen: 46.884 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

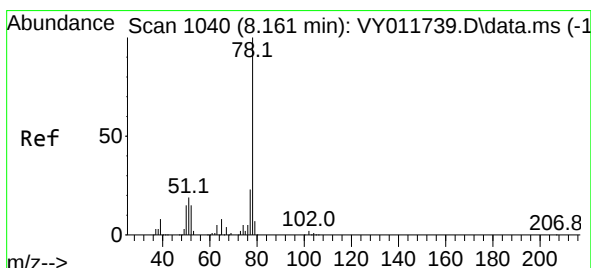
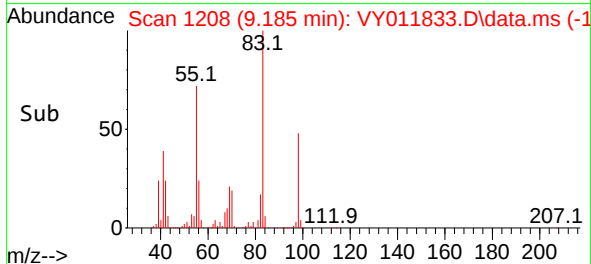
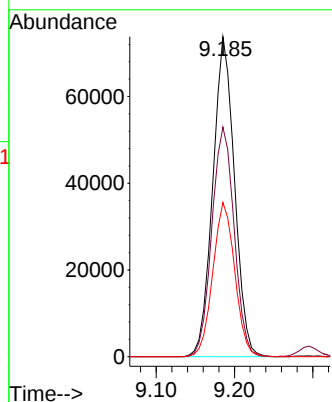
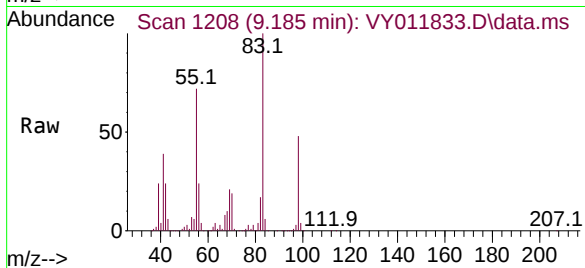
Tgt Ion: 83 Resp: 141903

Ion Ratio Lower Upper

83 100

55 71.8 58.2 87.2

98 48.2 38.6 58.0



#40

Benzene

Concen: 48.084 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY011833.D

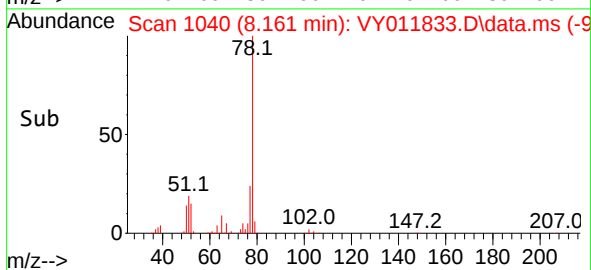
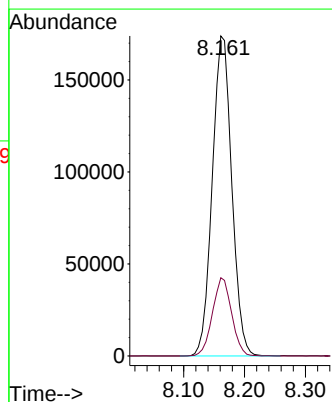
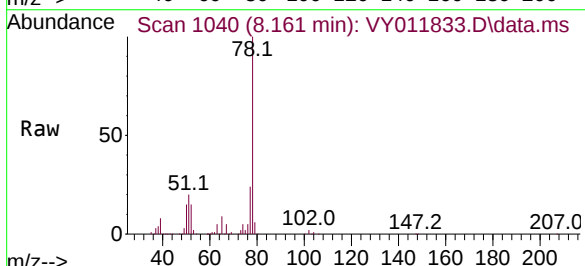
Acq: 14 Dec 2022 10:04

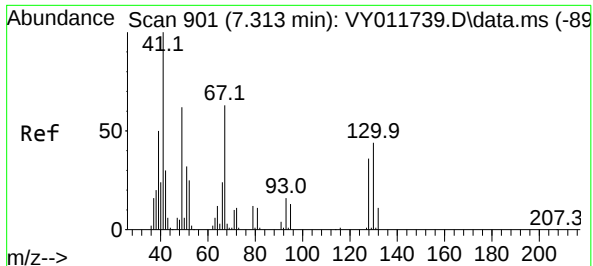
Tgt Ion: 78 Resp: 386410

Ion Ratio Lower Upper

78 100

77 24.5 18.6 27.8

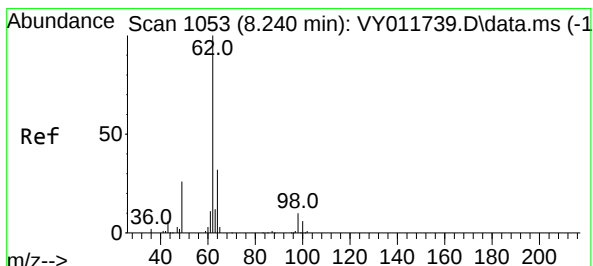
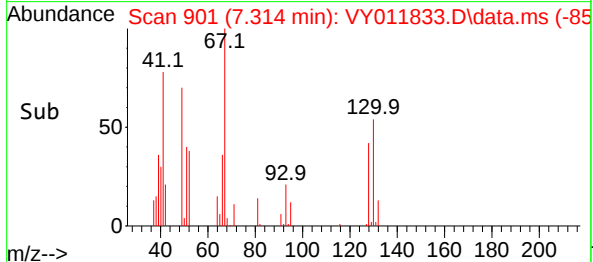
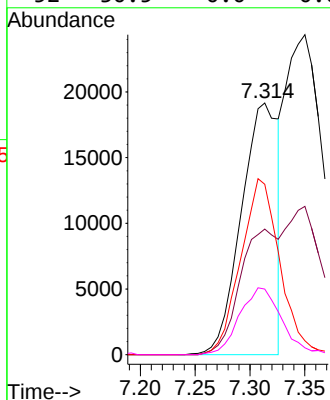
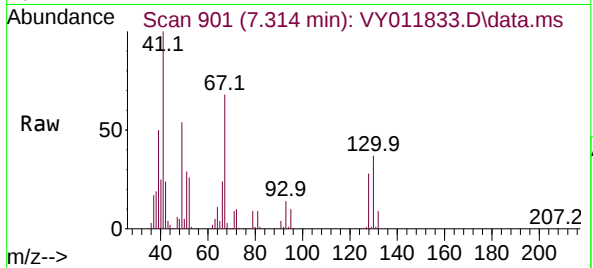




#41
Methacrylonitrile
Concen: 56.540 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

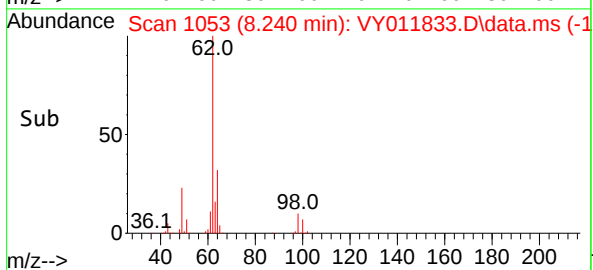
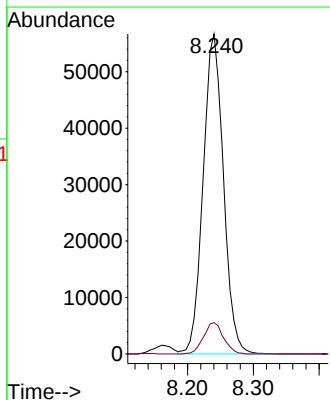
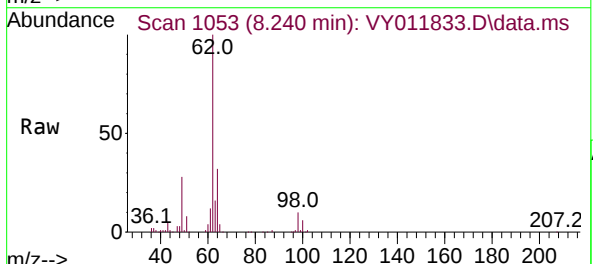
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

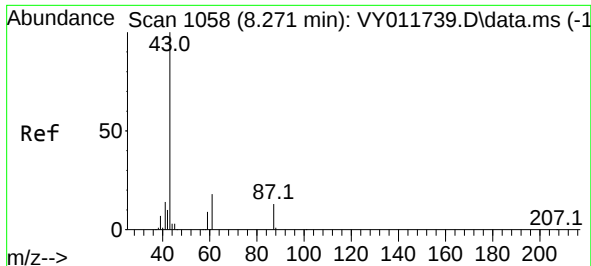
Tgt Ion:	41	Resp:	44887
Ion	Ratio	Lower	Upper
41	100		
39	51.6	0.0	0.0#
67	74.3	0.0	0.0#
52	30.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 49.088 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion:	62	Resp:	121986
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.6





#43

Isopropyl Acetate

Concen: 48.451 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

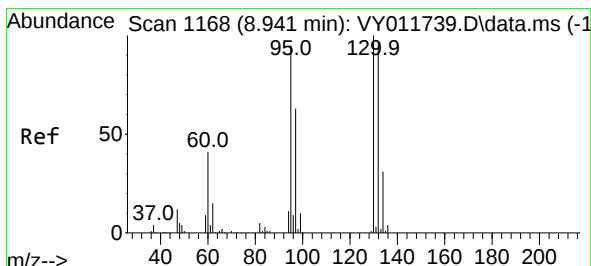
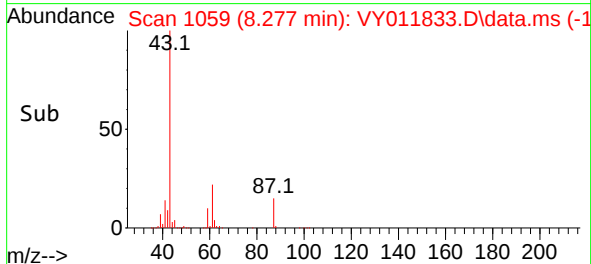
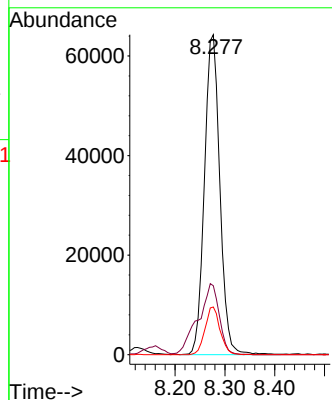
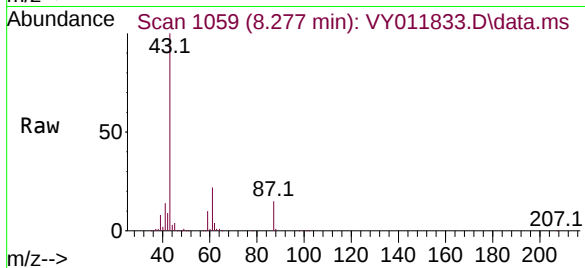
Tgt Ion: 43 Resp: 138165

Ion Ratio Lower Upper

43 100

61 30.4 24.4 36.6

87 14.5 11.4 17.2



#44

Trichloroethene

Concen: 47.871 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY011833.D

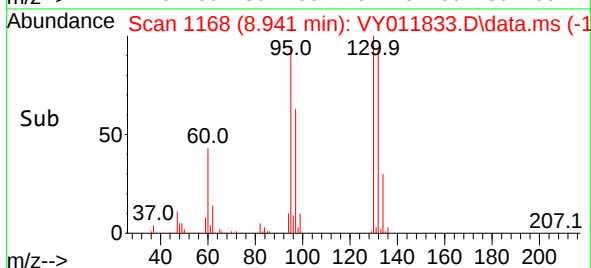
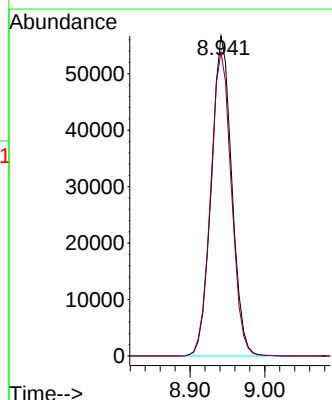
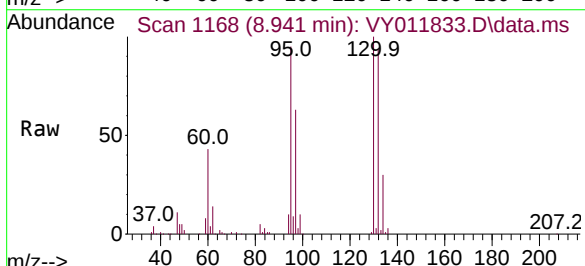
Acq: 14 Dec 2022 10:04

Tgt Ion:130 Resp: 107741

Ion Ratio Lower Upper

130 100

95 95.0 0.0 190.6





#45

1,2-Dichloropropane

Concen: 49.041 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

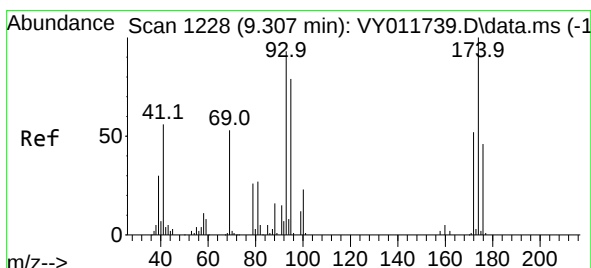
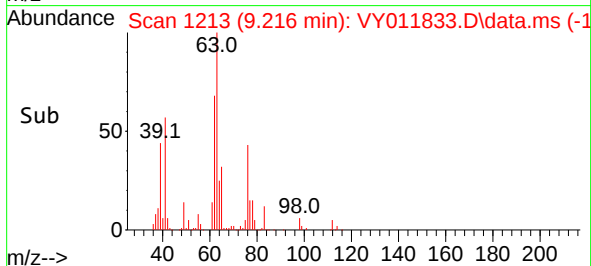
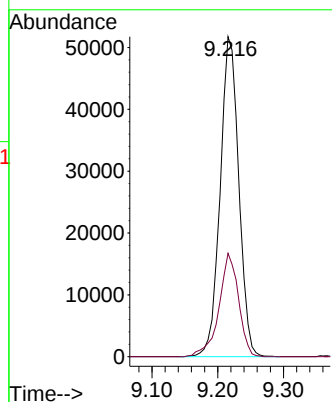
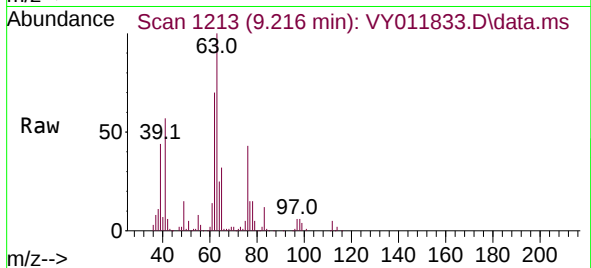
VSTDCCC050

Tgt Ion: 63 Resp: 102000

Ion Ratio Lower Upper

63 100

65 32.3 24.9 37.3



#46

Dibromomethane

Concen: 48.521 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

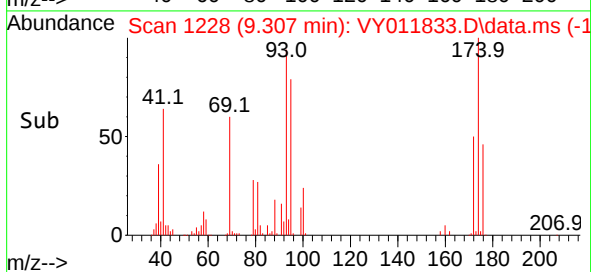
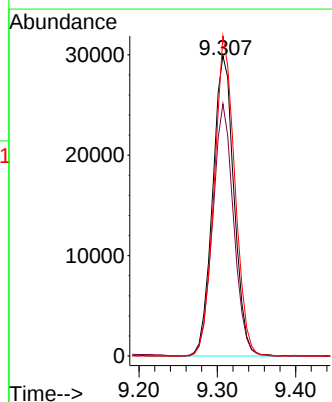
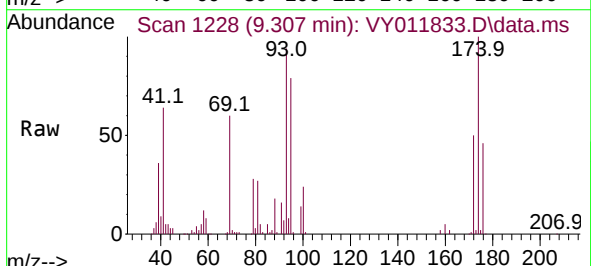
Tgt Ion: 93 Resp: 56491

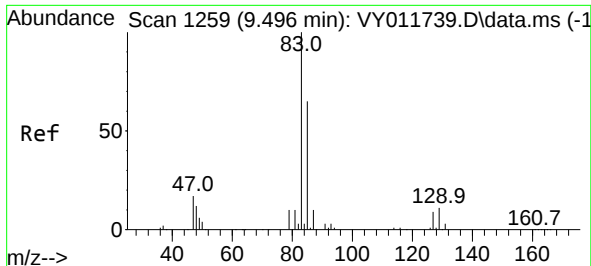
Ion Ratio Lower Upper

93 100

95 82.1 66.1 99.1

174 103.3 84.7 127.1

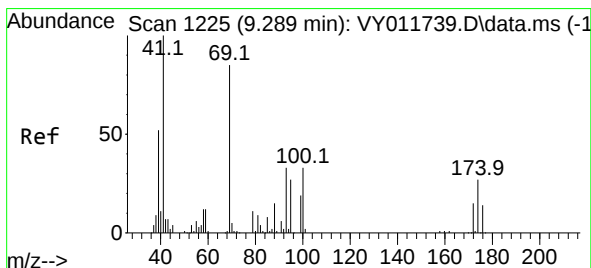
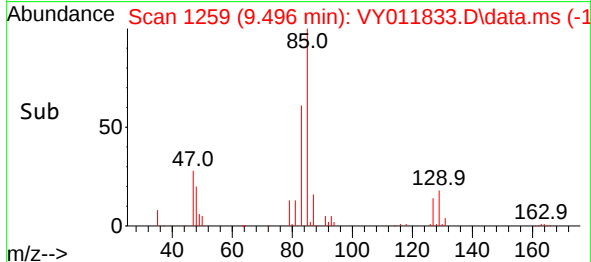
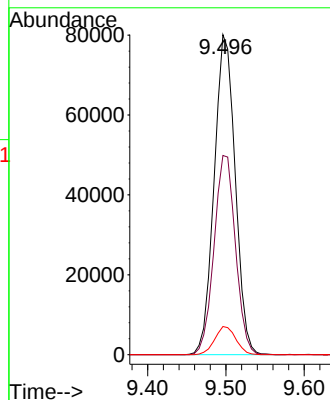
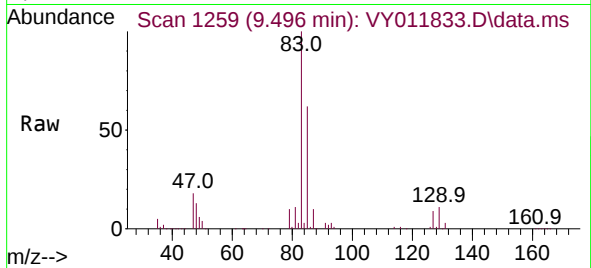




#47
Bromodichloromethane
Concen: 49.737 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

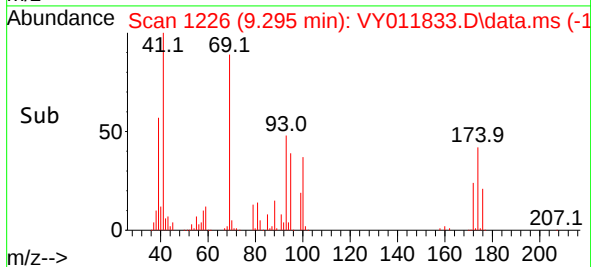
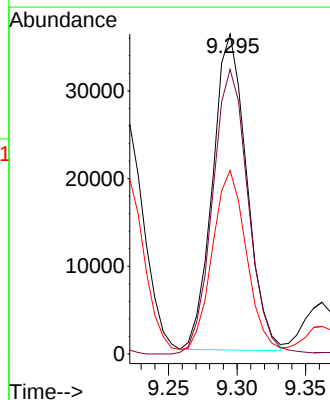
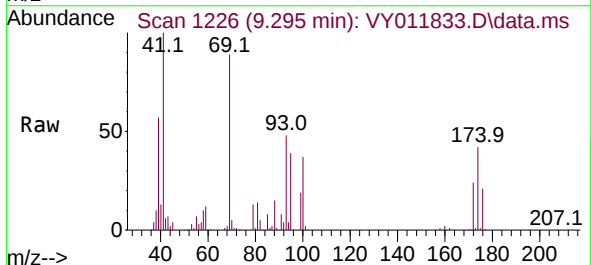
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

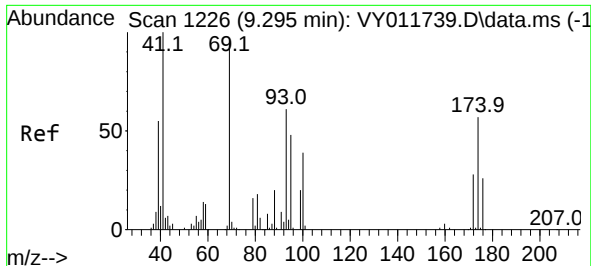
Tgt Ion: 83 Resp: 149599
Ion Ratio Lower Upper
83 100
85 62.3 52.0 78.0
127 8.8 7.3 10.9



#48
Methyl methacrylate
Concen: 49.485 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 41 Resp: 62203
Ion Ratio Lower Upper
41 100
69 94.3 74.2 111.2
39 59.2 46.3 69.5





#49

1,4-Dioxane

Concen: 952.750 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

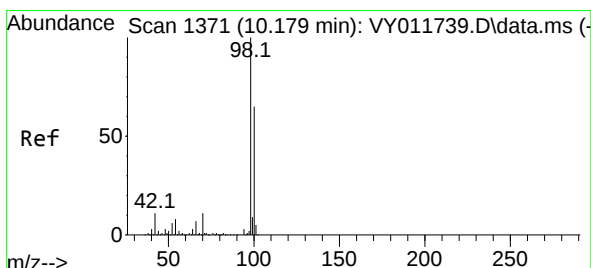
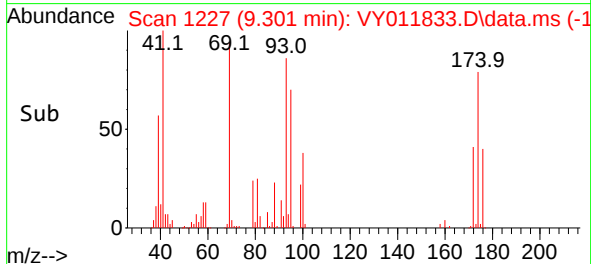
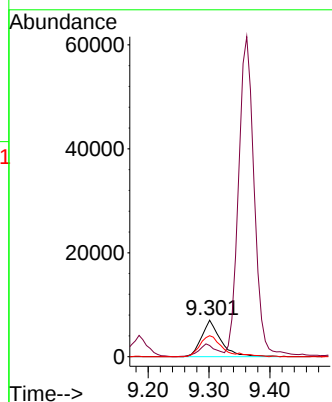
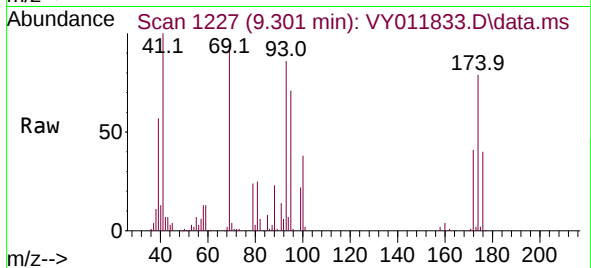
Tgt Ion: 88 Resp: 15367

Ion Ratio Lower Upper

88 100

43 31.9 26.2 39.2

58 68.3 54.3 81.5



#50

Toluene-d8

Concen: 48.386 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY011833.D

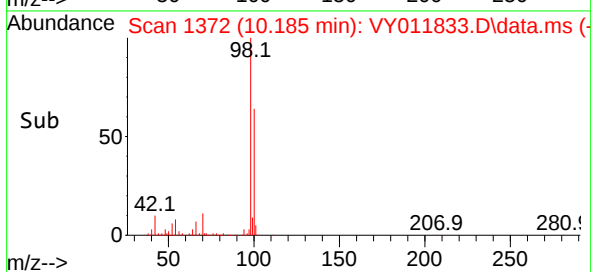
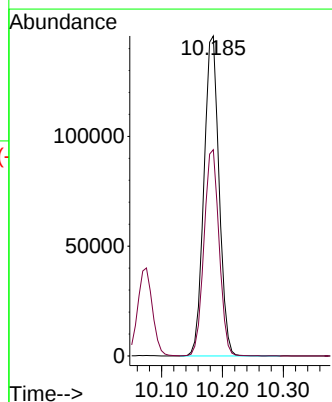
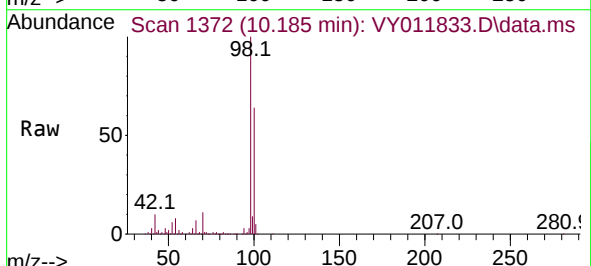
Acq: 14 Dec 2022 10:04

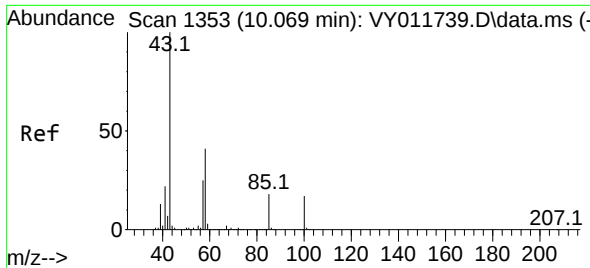
Tgt Ion: 98 Resp: 250953

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9

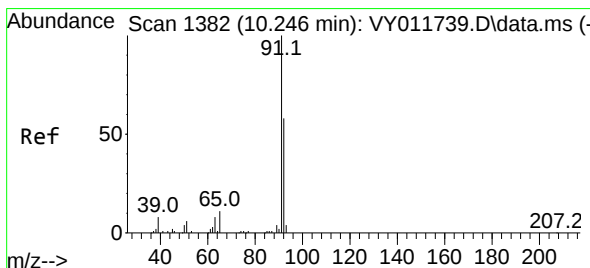
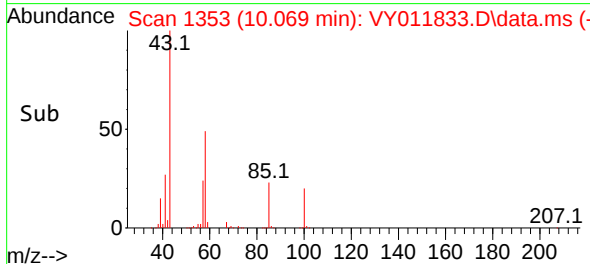
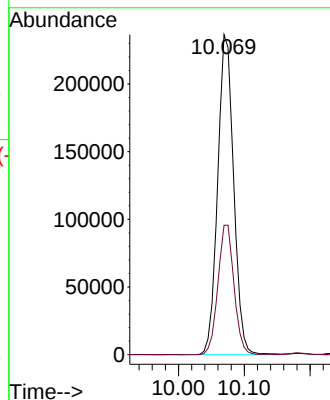
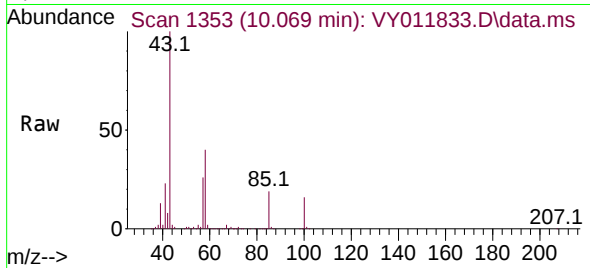




#51
4-Methyl-2-Pentanone
Concen: 254.665 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

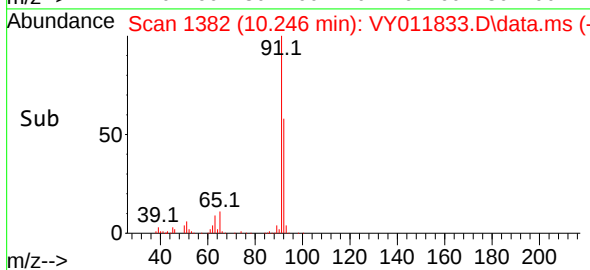
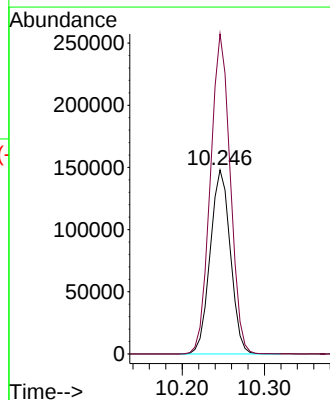
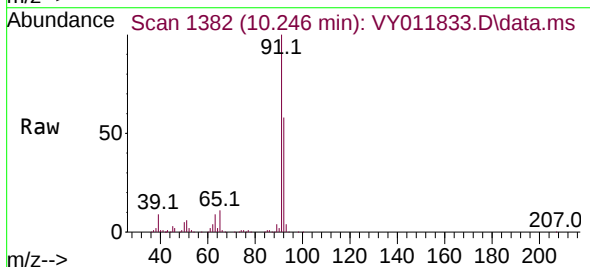
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

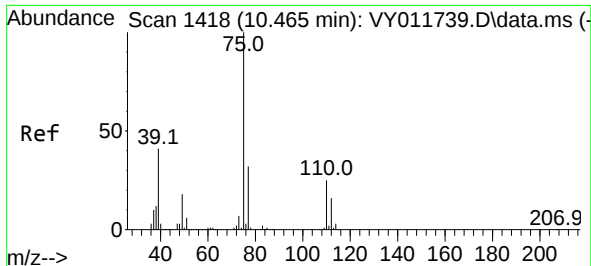
Tgt Ion: 43 Resp: 400155
Ion Ratio Lower Upper
43 100
58 40.8 32.9 49.3



#52
Toluene
Concen: 49.365 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 92 Resp: 252195
Ion Ratio Lower Upper
92 100
91 171.8 137.4 206.0

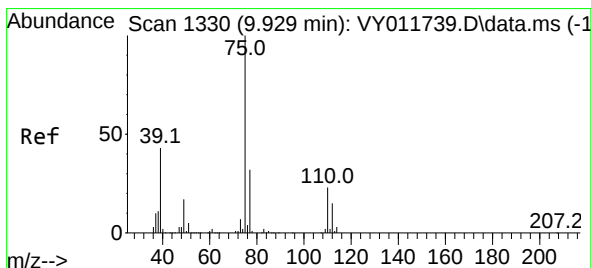
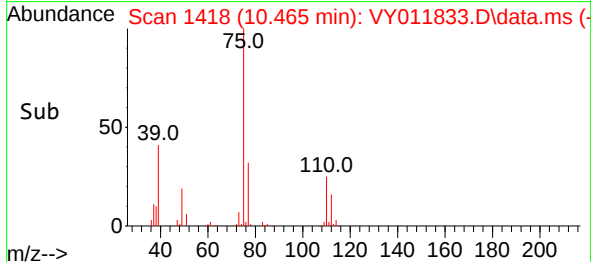
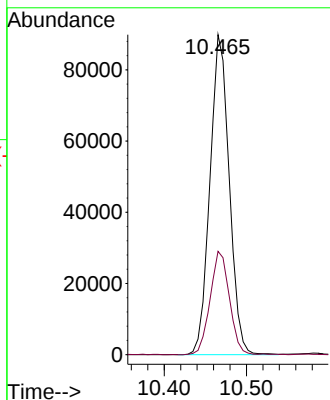
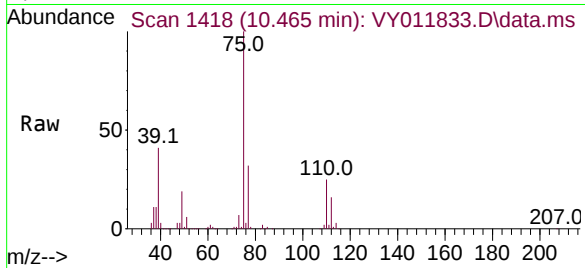




#53
t-1,3-Dichloropropene
Concen: 48.798 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

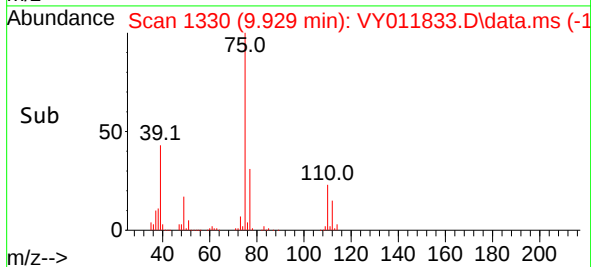
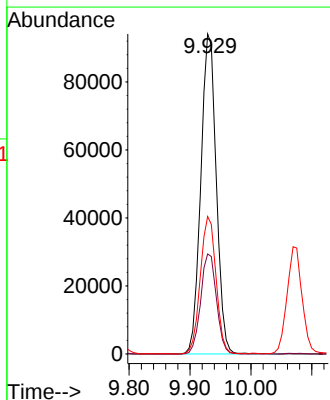
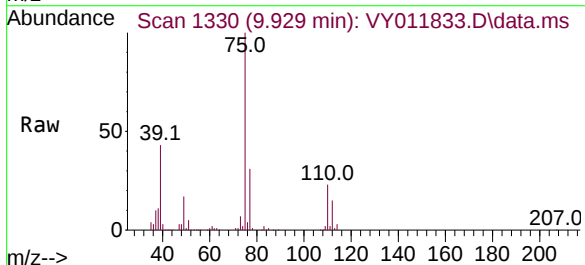
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

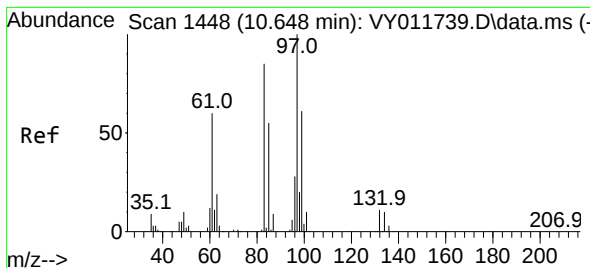
Tgt Ion: 75 Resp: 146609
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 49.168 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 75 Resp: 165969
Ion Ratio Lower Upper
75 100
77 31.3 25.9 38.9
39 43.0 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 49.329 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 84886

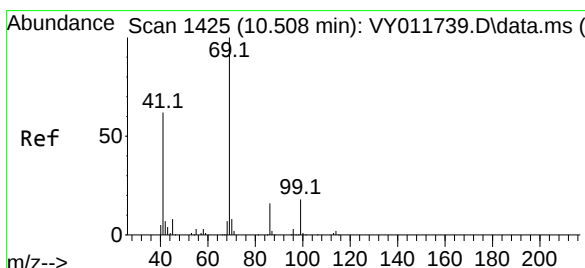
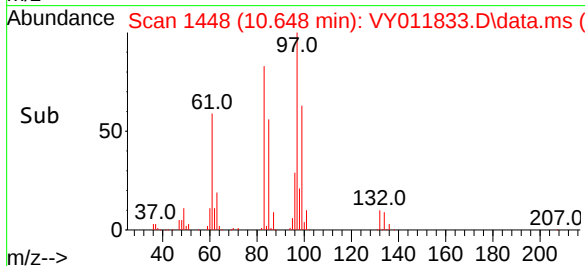
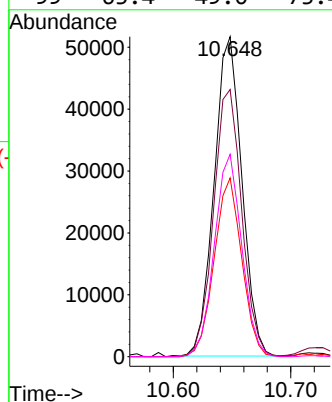
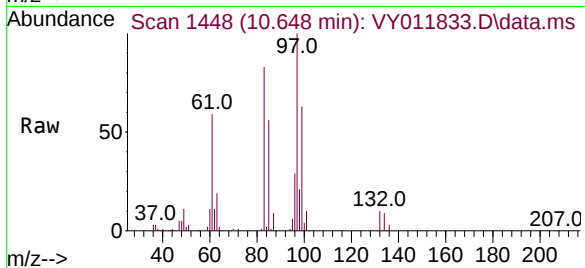
Ion Ratio Lower Upper

97 100

83 83.7 67.7 101.5

85 55.9 43.8 65.8

99 63.4 49.0 73.4



#56

Ethyl methacrylate

Concen: 50.354 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

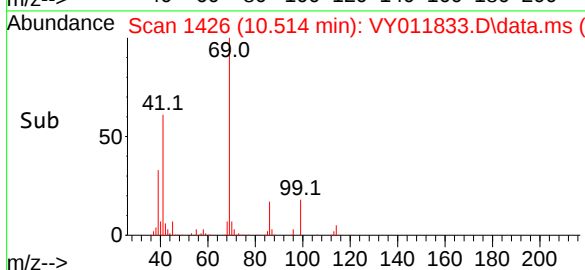
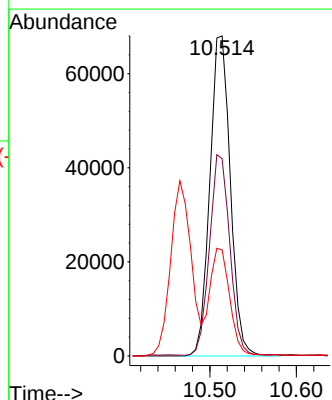
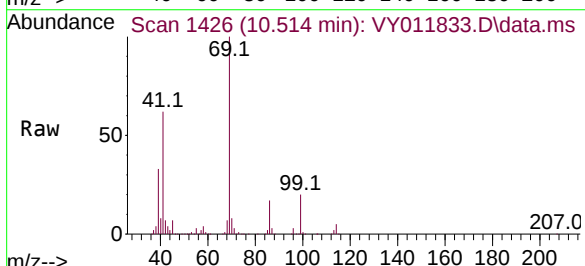
Tgt Ion: 69 Resp: 111856

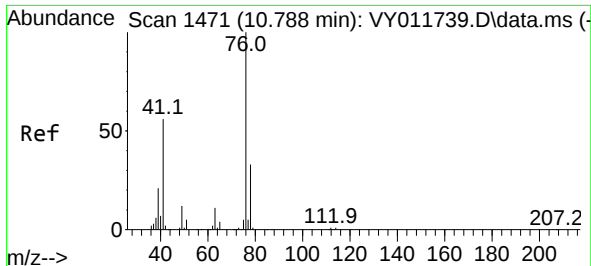
Ion Ratio Lower Upper

69 100

41 61.9 48.9 73.3

39 33.0 25.9 38.9





#57

1,3-Dichloropropane

Concen: 49.062 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

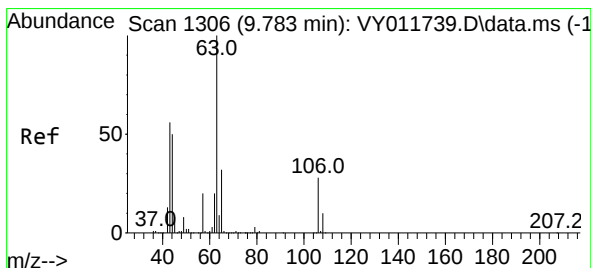
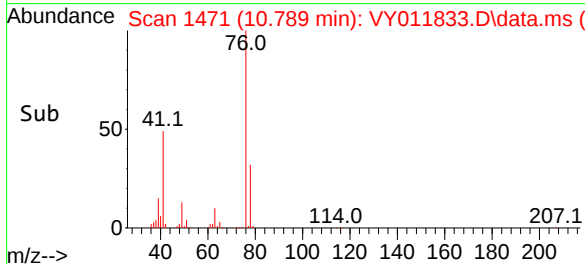
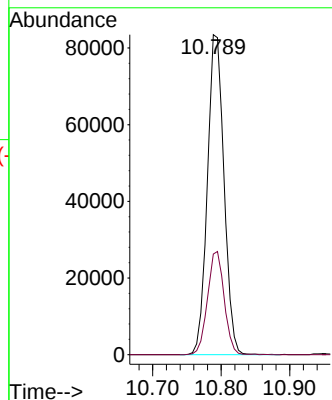
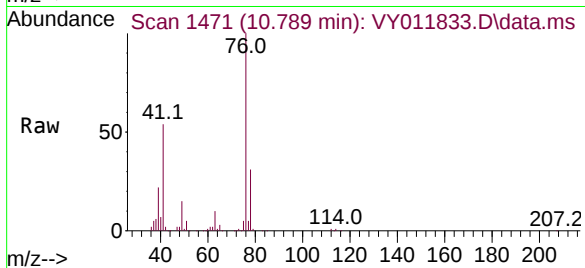
VSTDCCC050

Tgt Ion: 76 Resp: 140732

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 247.299 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY011833.D

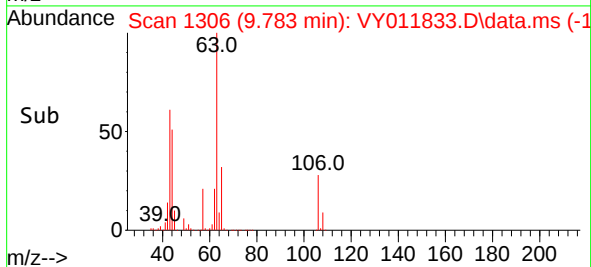
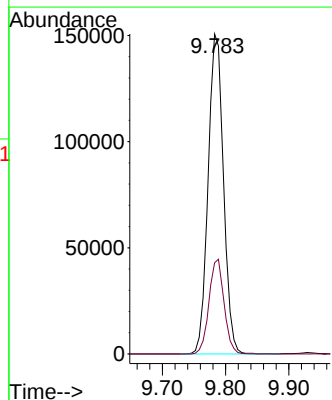
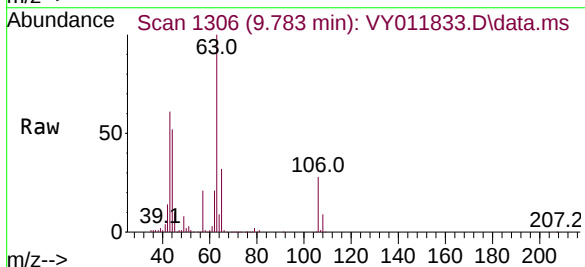
Acq: 14 Dec 2022 10:04

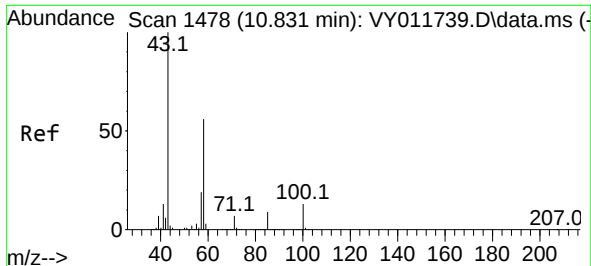
Tgt Ion: 63 Resp: 254733

Ion Ratio Lower Upper

63 100

106 29.0 23.2 34.8

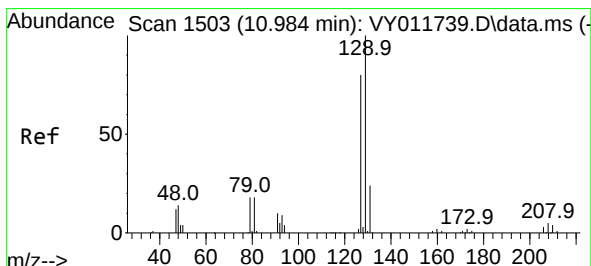
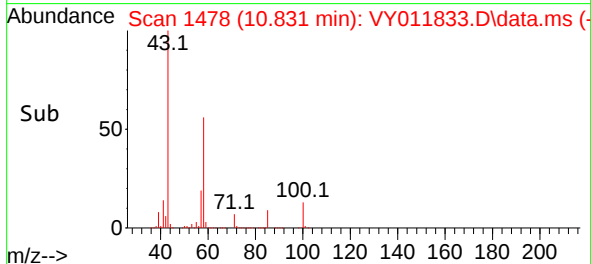
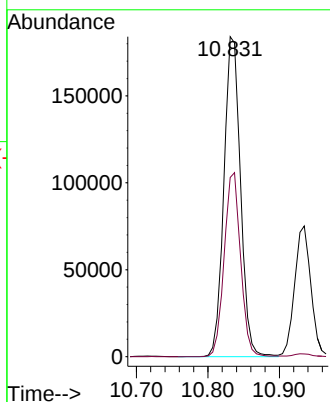
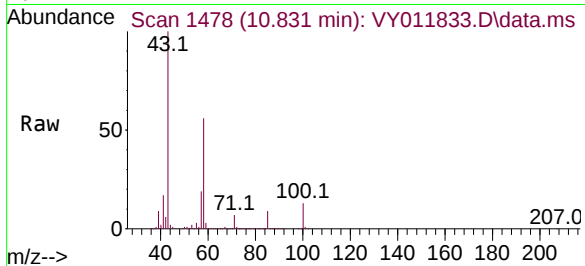




#59
2-Hexanone
Concen: 264.406 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

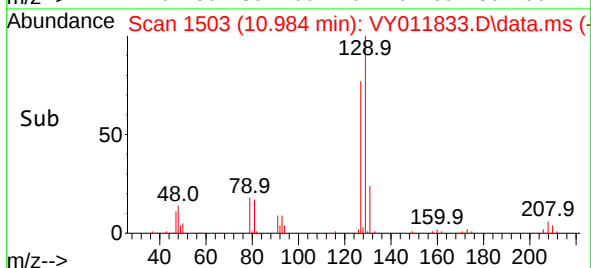
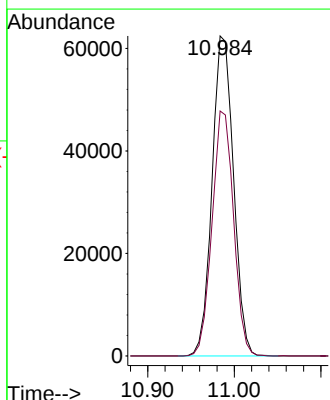
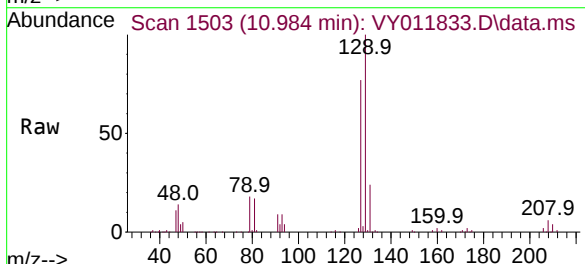
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

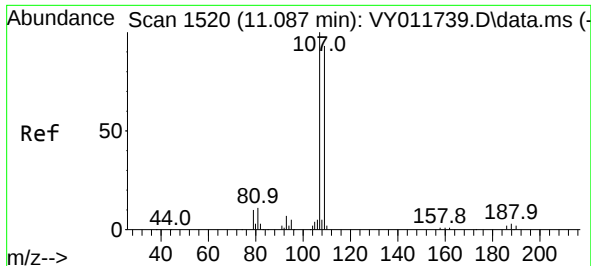
Tgt Ion: 43 Resp: 296842
Ion Ratio Lower Upper
43 100
58 56.7 28.4 85.2



#60
Dibromochloromethane
Concen: 49.803 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 129 Resp: 107340
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6

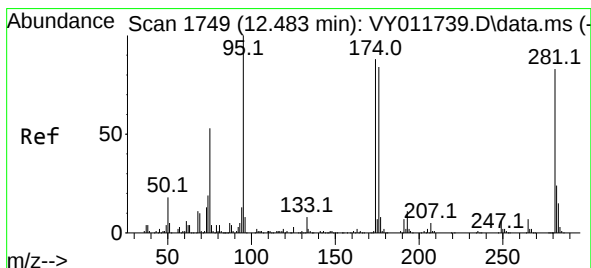
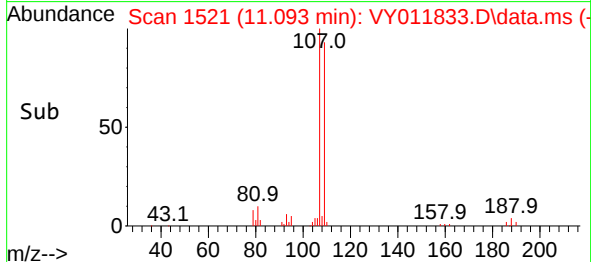
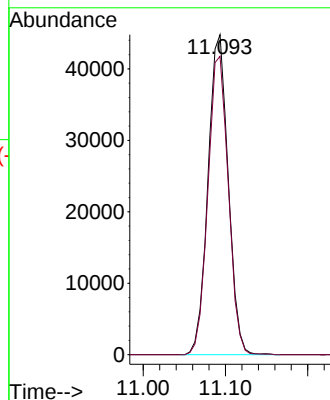
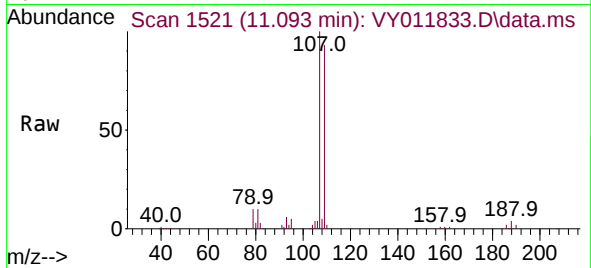




#61
1,2-Dibromoethane
Concen: 48.993 ug/l
RT: 11.093 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

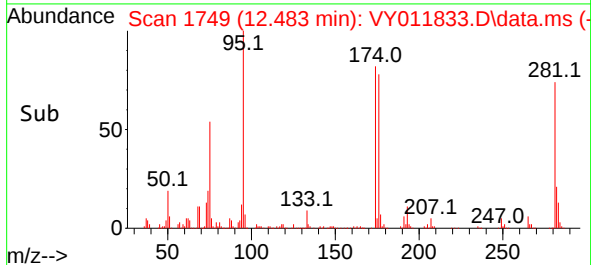
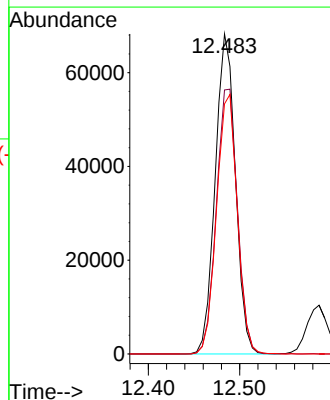
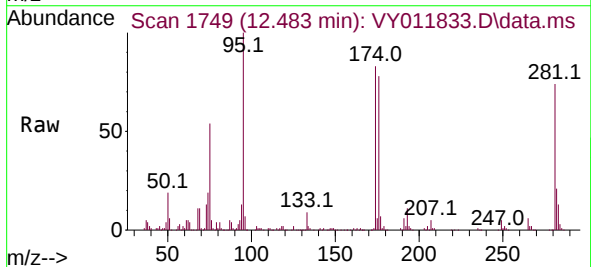
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

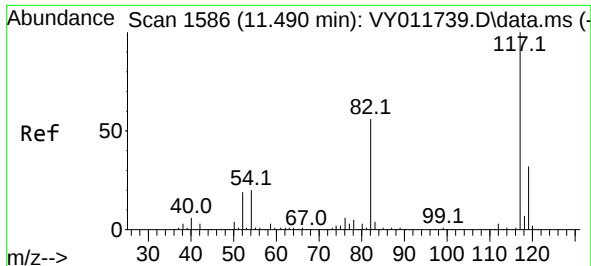
Tgt Ion:107 Resp: 76377
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 51.193 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 95 Resp: 104988
Ion Ratio Lower Upper
95 100
174 86.3 0.0 172.0
176 83.4 0.0 167.6

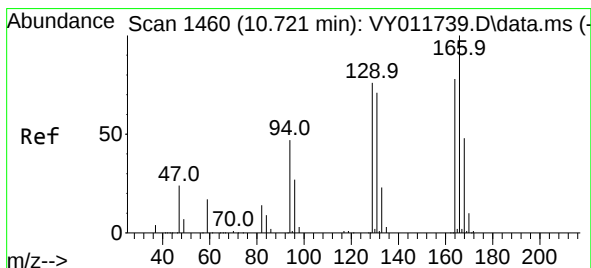
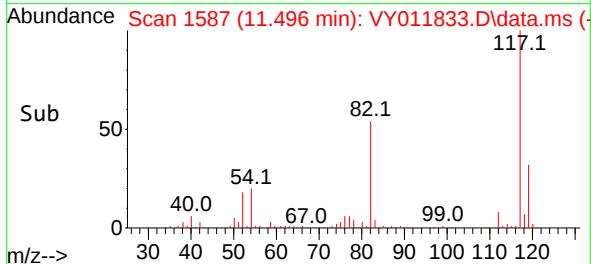
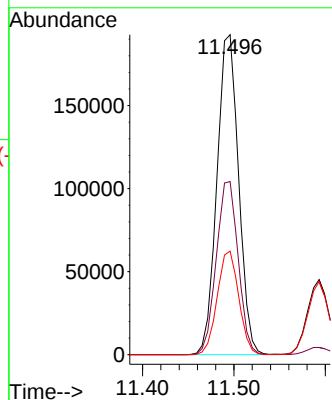
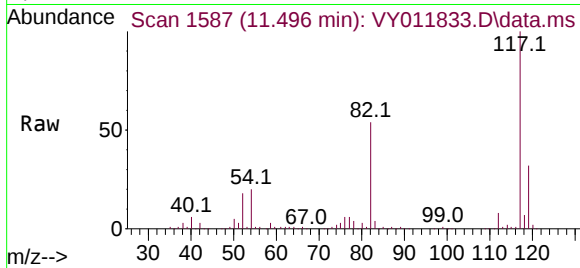




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

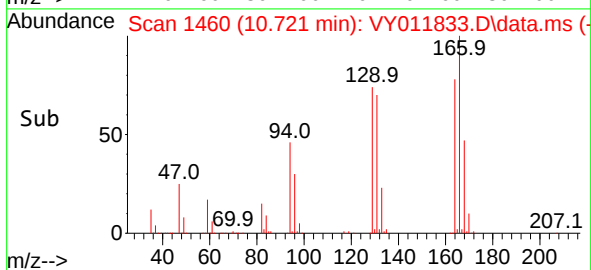
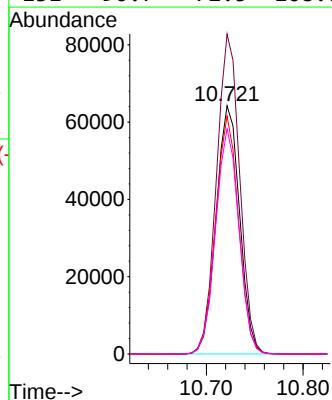
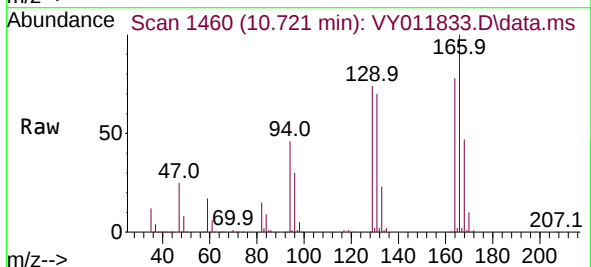
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

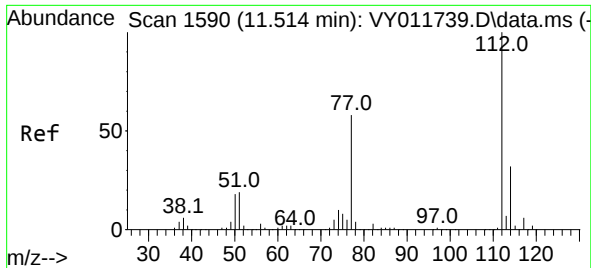
Tgt Ion:117 Resp: 317801
Ion Ratio Lower Upper
117 100
82 54.1 44.8 67.2
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 48.246 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion:164 Resp: 108480
Ion Ratio Lower Upper
164 100
166 129.0 102.3 153.5
129 95.9 77.2 115.8
131 90.7 72.5 108.7

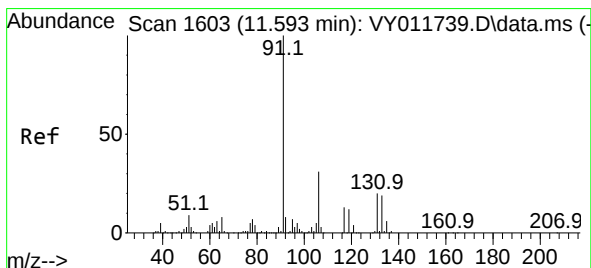
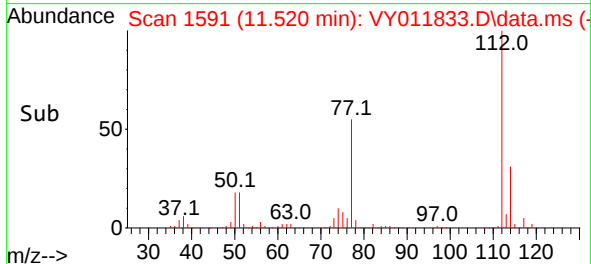
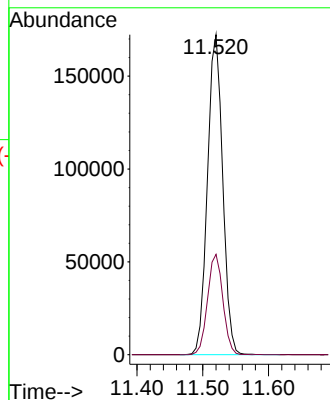
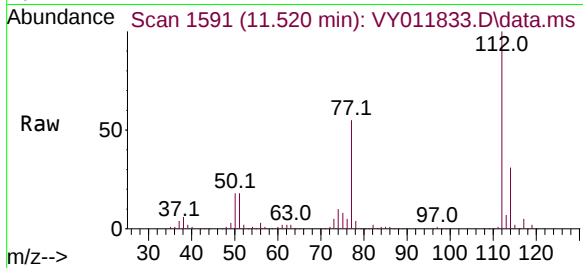




#65
Chlorobenzene
Concen: 48.440 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

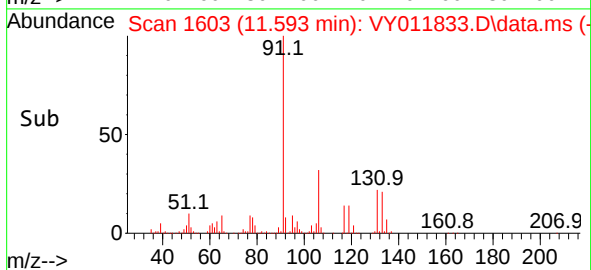
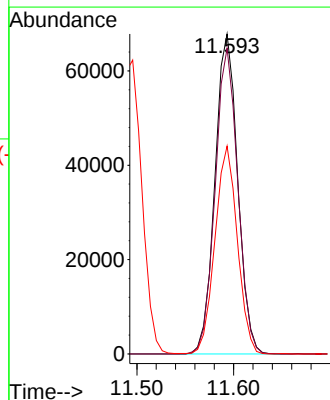
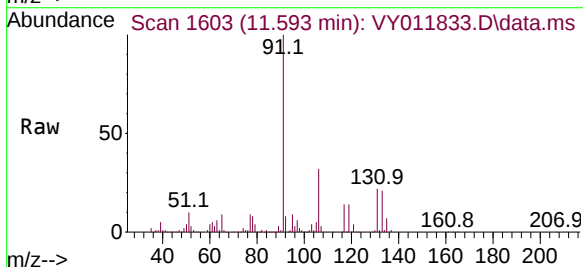
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

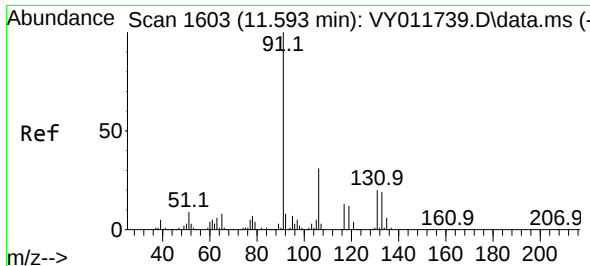
Tgt Ion:112 Resp: 277378
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.641 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion:131 Resp: 110276
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 64.2 32.1 96.3

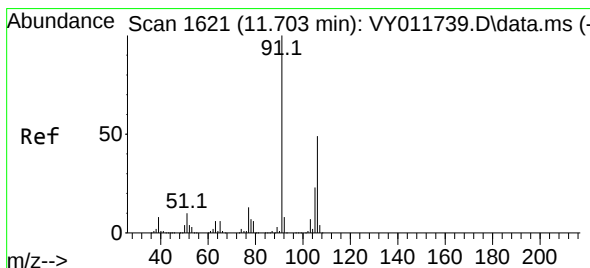
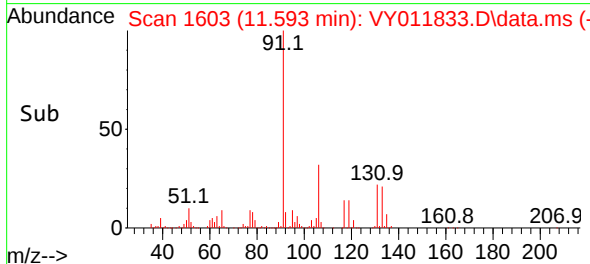
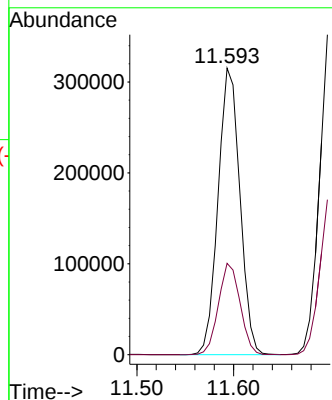
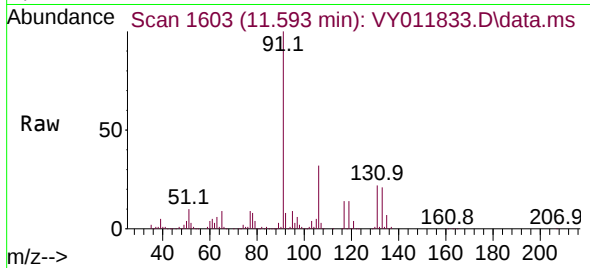




#67
Ethyl Benzene
Concen: 48.964 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

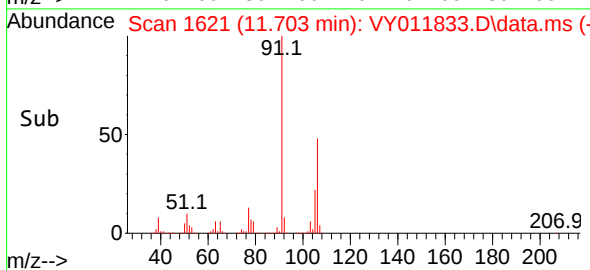
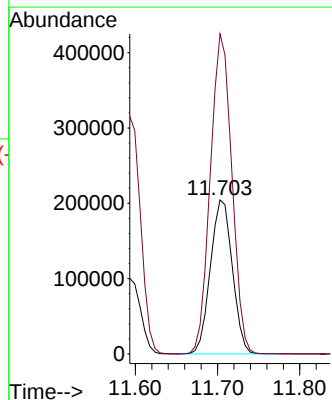
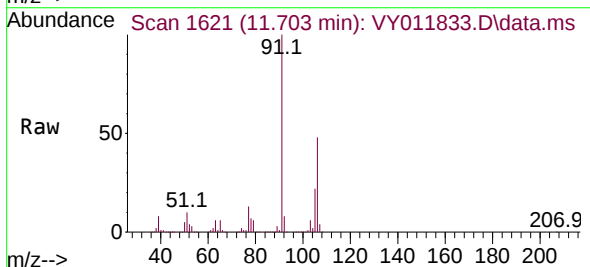
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

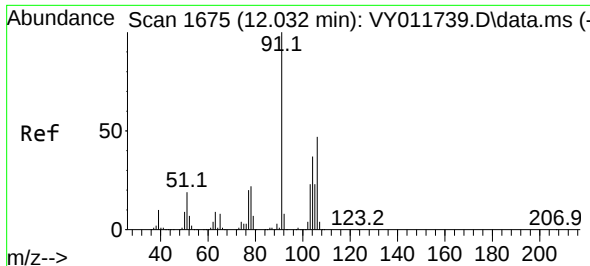
Tgt Ion: 91 Resp: 494037
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.4



#68
m/p-Xylenes
Concen: 98.335 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 106 Resp: 379966
Ion Ratio Lower Upper
106 100
91 204.2 162.5 243.7

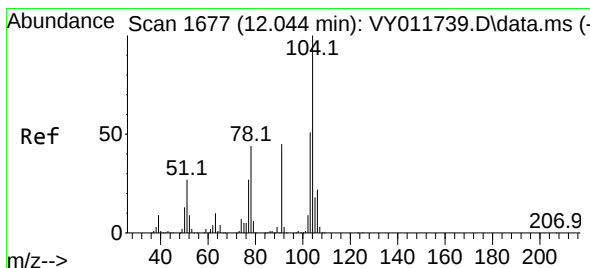
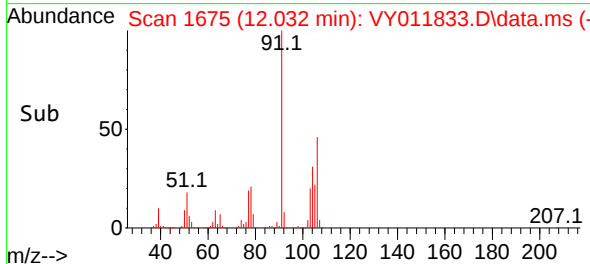
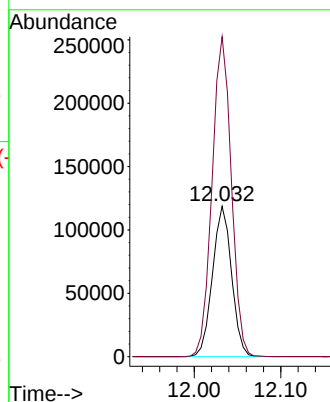
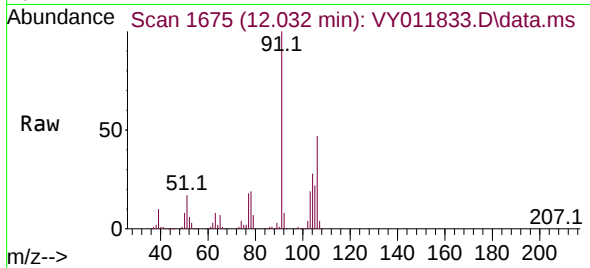




#69
o-Xylene
Concen: 49.319 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

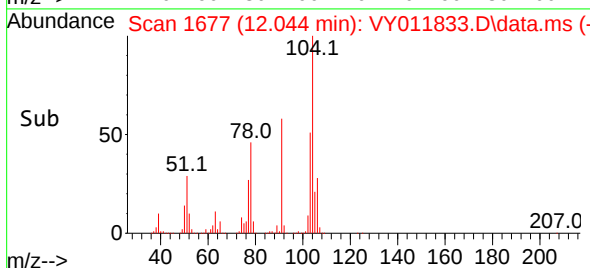
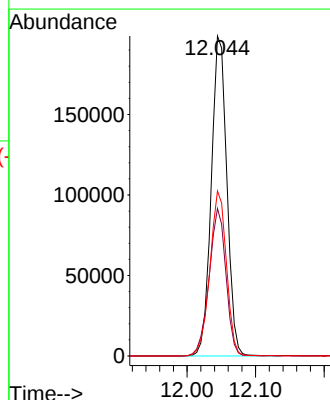
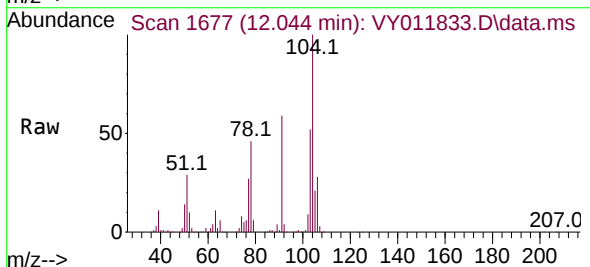
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

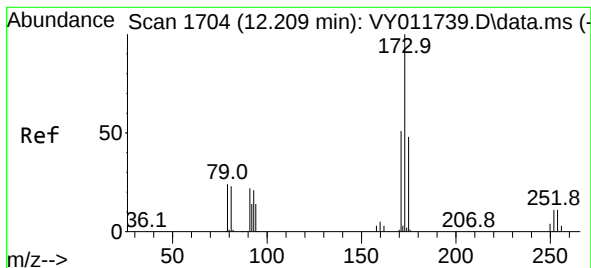
Tgt Ion:106 Resp: 181646
Ion Ratio Lower Upper
106 100
91 214.8 107.5 322.4



#70
Styrene
Concen: 50.096 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion:104 Resp: 314907
Ion Ratio Lower Upper
104 100
78 49.6 39.4 59.0
103 54.8 43.0 64.4





#71

Bromoform

Concen: 49.647 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

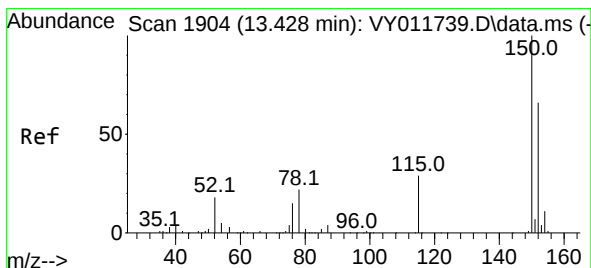
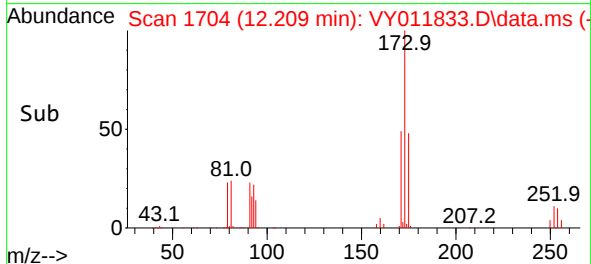
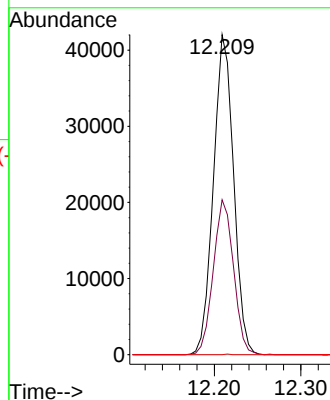
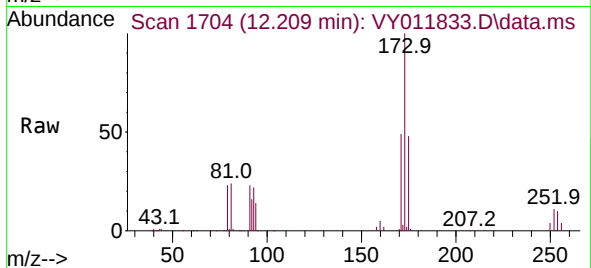
Tgt Ion:173 Resp: 68027

Ion Ratio Lower Upper

173 100

175 48.6 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

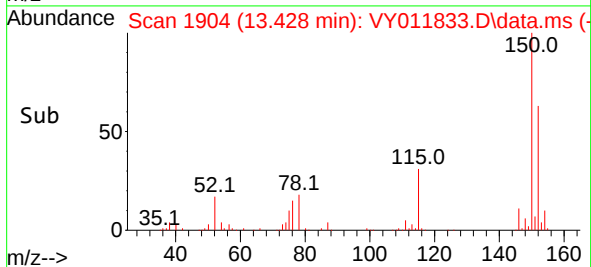
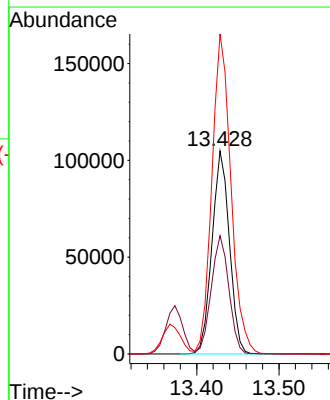
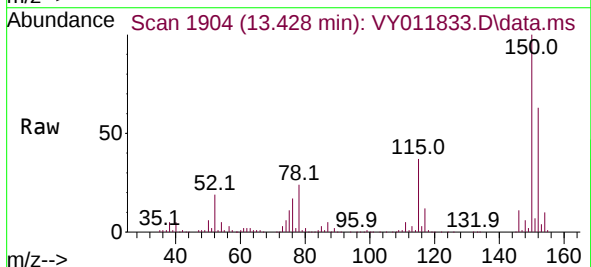
Tgt Ion:152 Resp: 154375

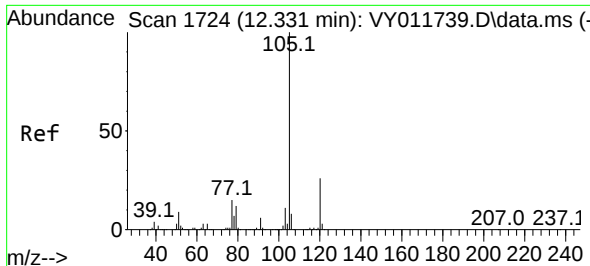
Ion Ratio Lower Upper

152 100

115 58.9 29.1 87.3

150 172.2 0.0 342.6

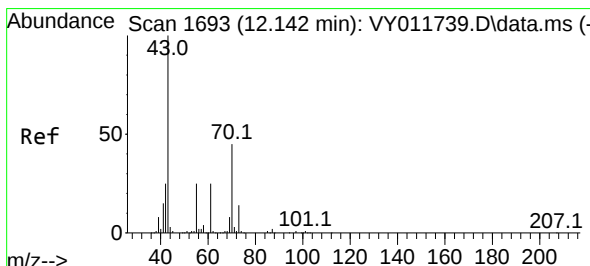
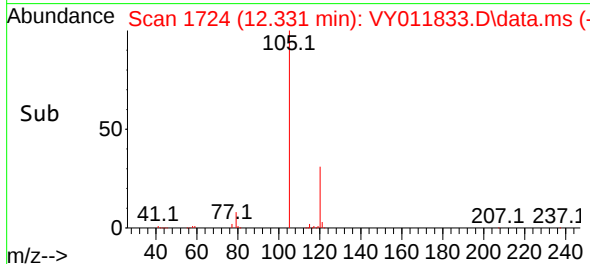
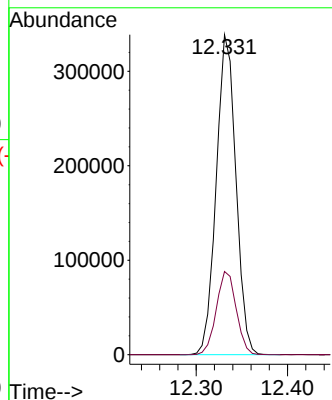
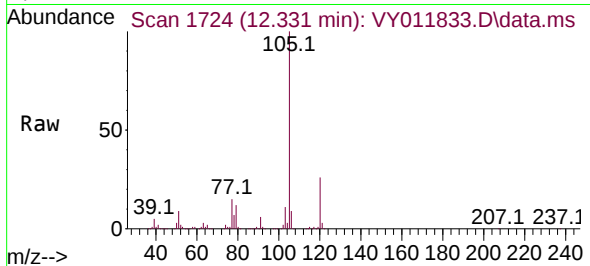




#73
Isopropylbenzene
Concen: 50.632 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

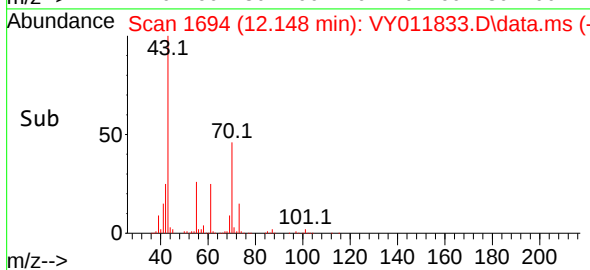
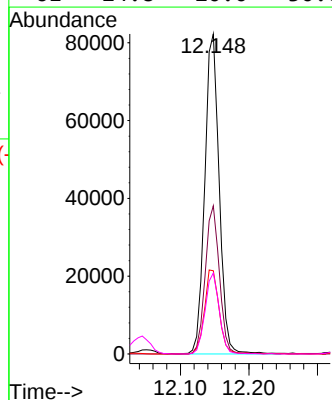
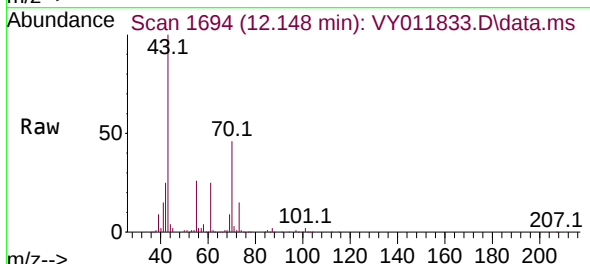
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

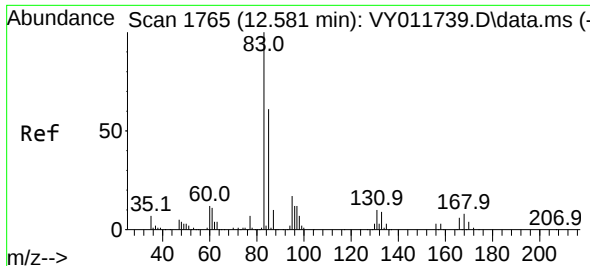
Tgt Ion:105 Resp: 506420
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#74
N-ethyl acetate
Concen: 50.223 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 43 Resp: 120776
Ion Ratio Lower Upper
43 100
70 45.7 35.8 53.8
55 26.8 21.0 31.4
61 24.8 20.0 30.0

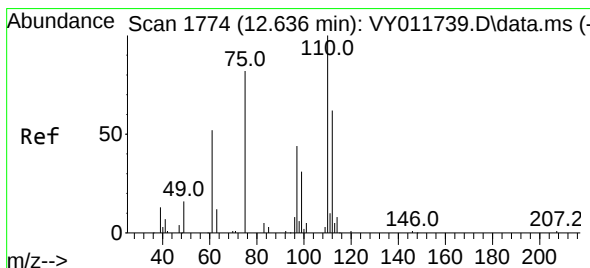
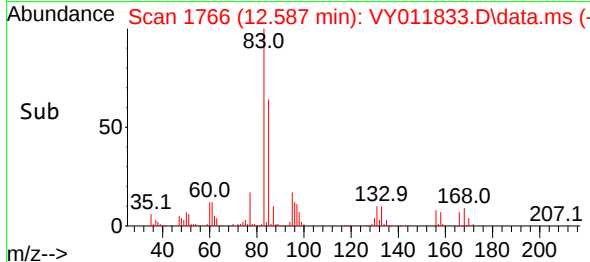
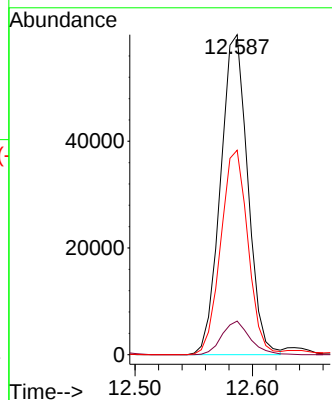
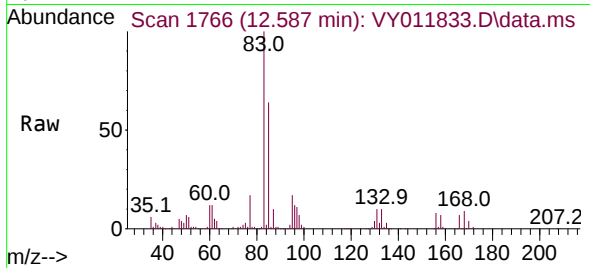




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.536 ug/l
 RT: 12.587 min Scan# 1765
 Delta R.T. 0.006 min
 Lab File: VY011833.D
 Acq: 14 Dec 2022 10:04

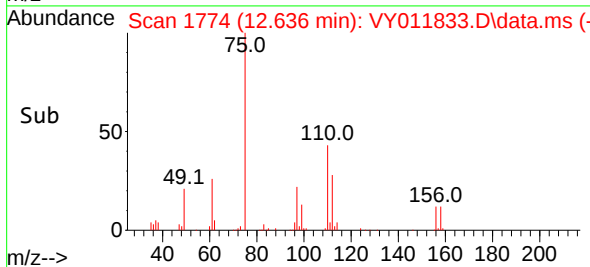
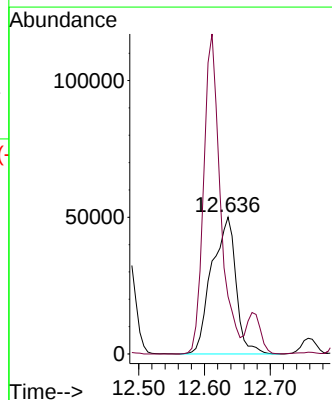
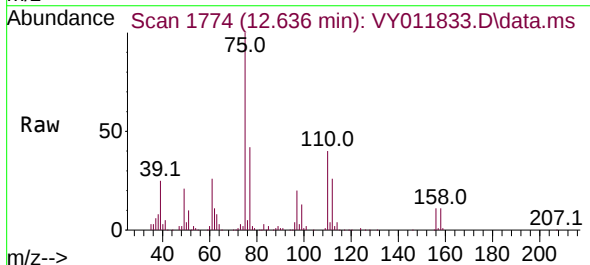
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

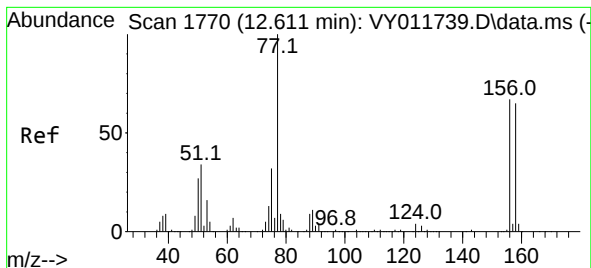
Tgt Ion: 83 Resp: 96491
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.6 16.8
 85 64.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 82.338 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY011833.D
 Acq: 14 Dec 2022 10:04

Tgt Ion: 75 Resp: 128601
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.877 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

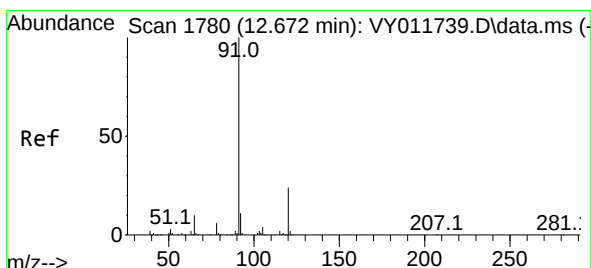
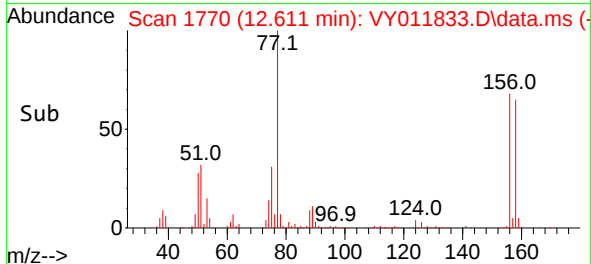
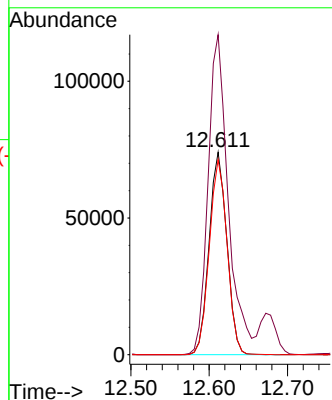
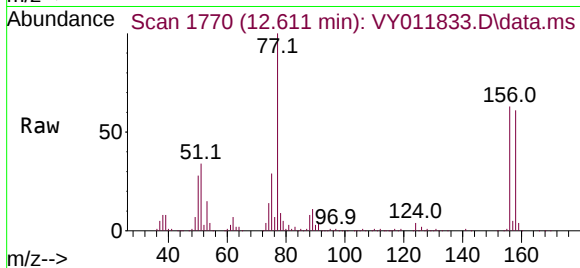
Tgt Ion:156 Resp: 116478

Ion Ratio Lower Upper

156 100

77 178.4 90.0 270.0

158 96.6 48.4 145.2



#78

n-propylbenzene

Concen: 50.089 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY011833.D

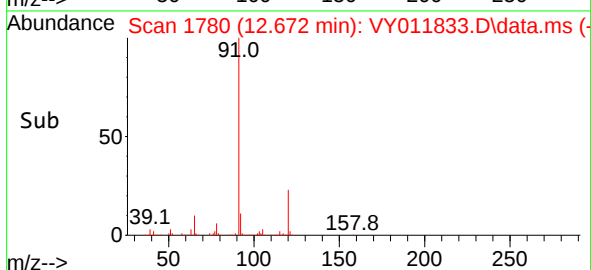
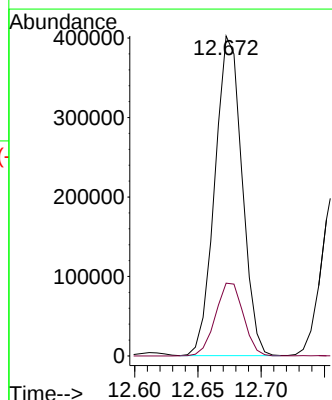
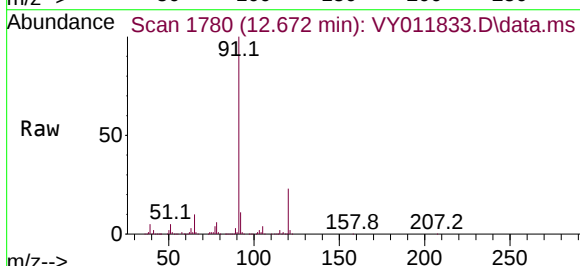
Acq: 14 Dec 2022 10:04

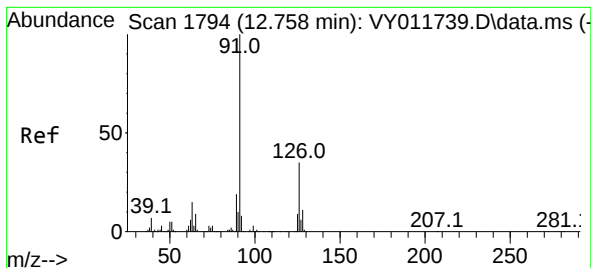
Tgt Ion: 91 Resp: 600381

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.4

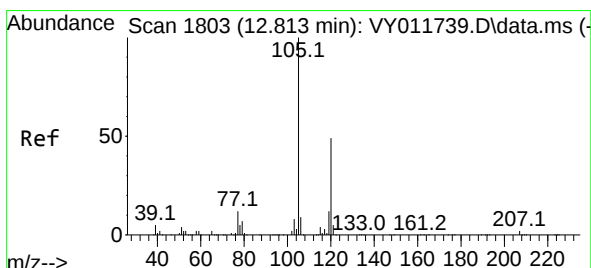
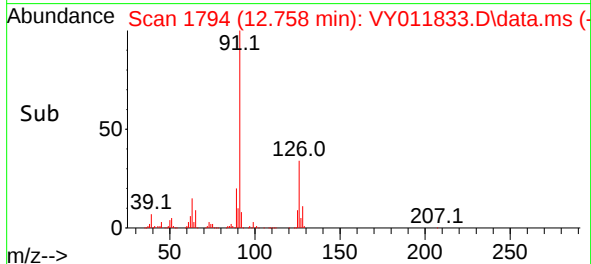
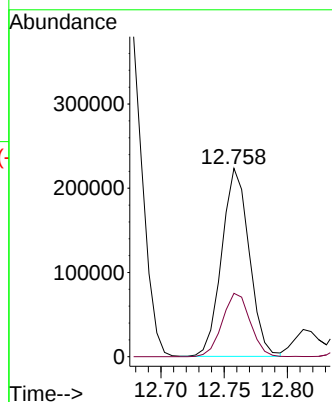
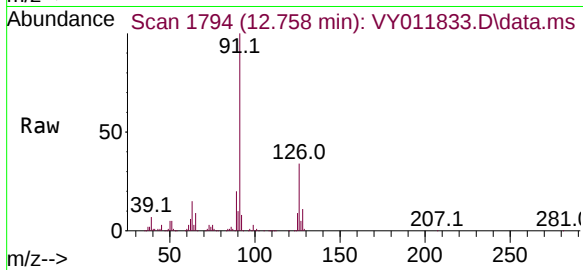




#79
2-Chlorotoluene
Concen: 49.318 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

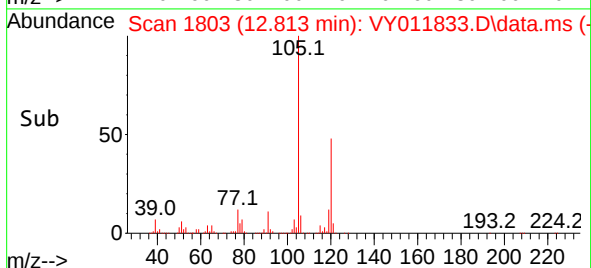
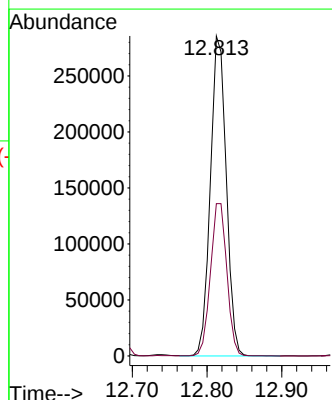
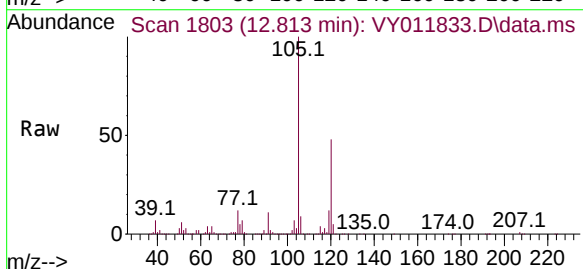
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

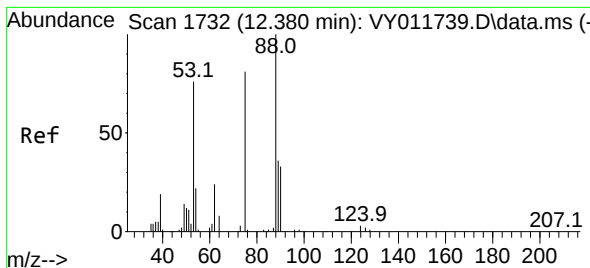
Tgt Ion: 91 Resp: 337371
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 49.871 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 105 Resp: 421617
Ion Ratio Lower Upper
105 100
120 49.1 24.2 72.6

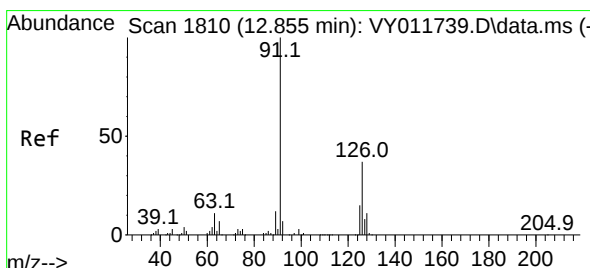
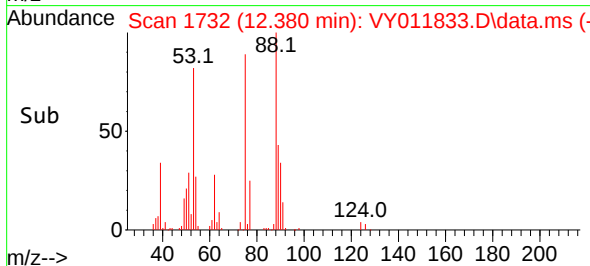
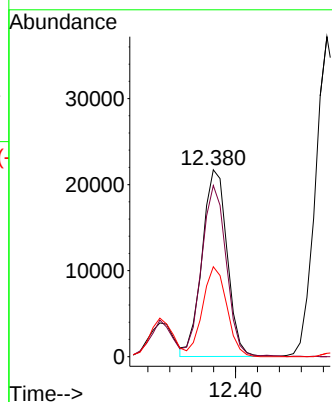
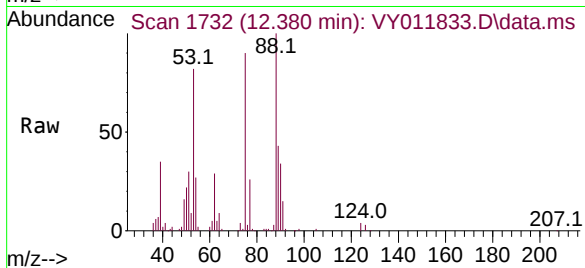




#81
trans-1,4-Dichloro-2-butene
Concen: 49.972 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

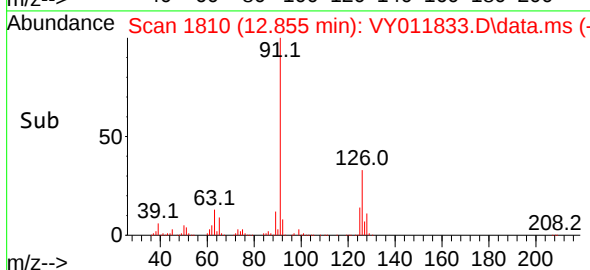
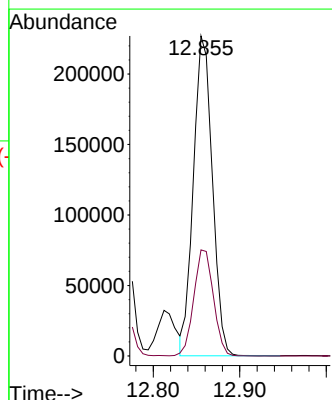
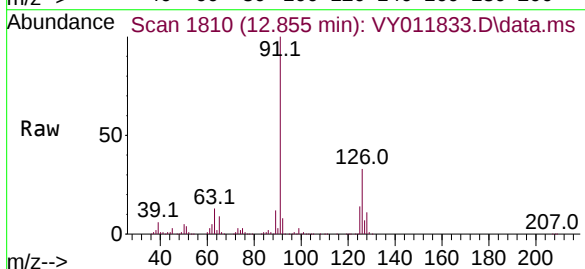
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

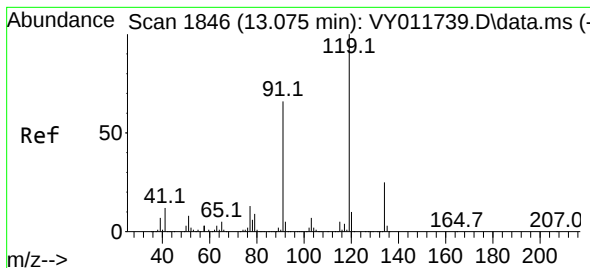
Tgt Ion: 75 Resp: 34395
Ion Ratio Lower Upper
75 100
53 90.7 72.5 108.7
89 46.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.567 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 91 Resp: 344596
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 51.690 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

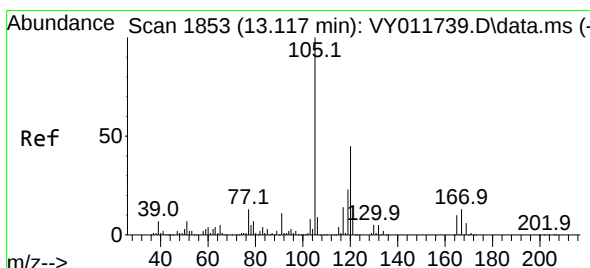
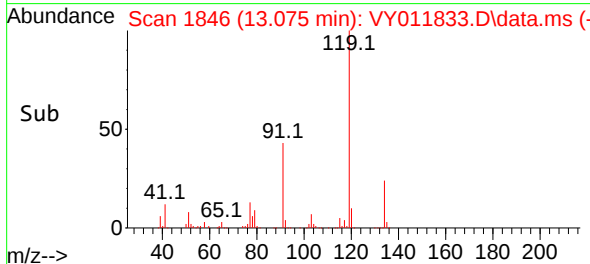
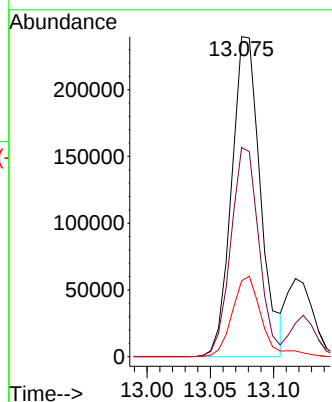
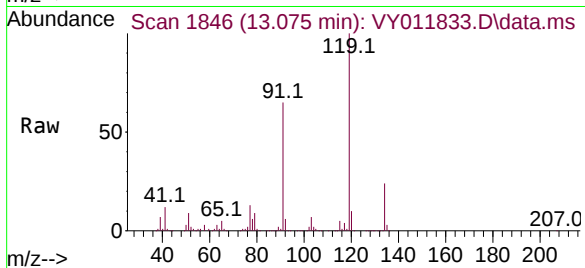
Tgt Ion:119 Resp: 380512

Ion Ratio Lower Upper

119 100

91 63.8 32.3 96.8

134 25.7 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 50.487 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY011833.D

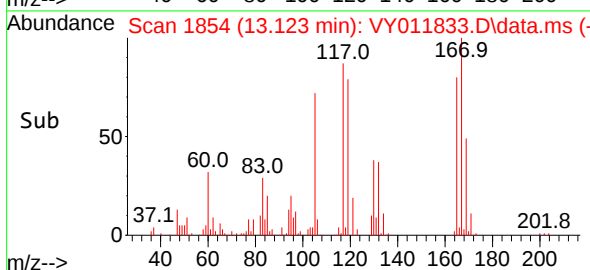
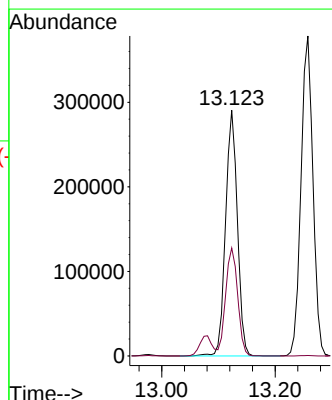
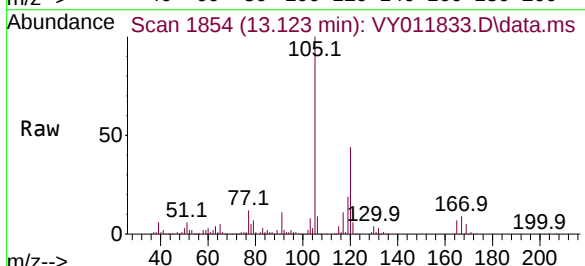
Acq: 14 Dec 2022 10:04

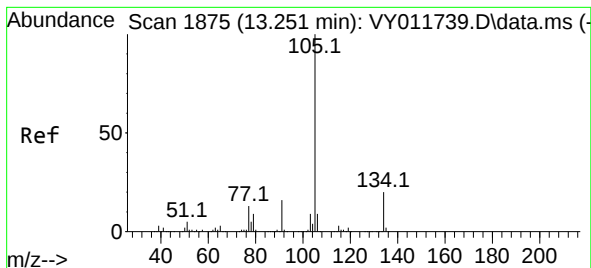
Tgt Ion:105 Resp: 420254

Ion Ratio Lower Upper

105 100

120 44.6 22.9 68.7





#85

sec-Butylbenzene

Concen: 50.324 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

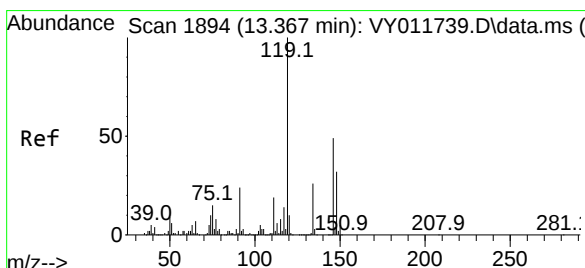
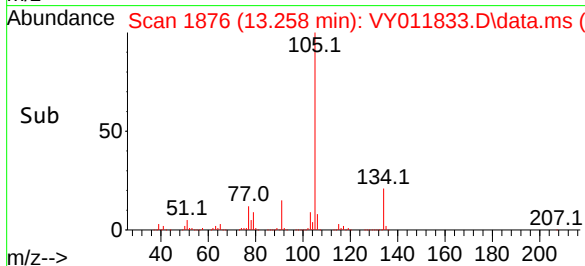
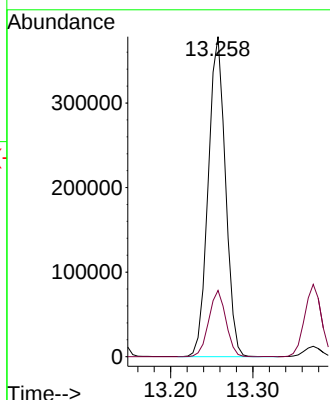
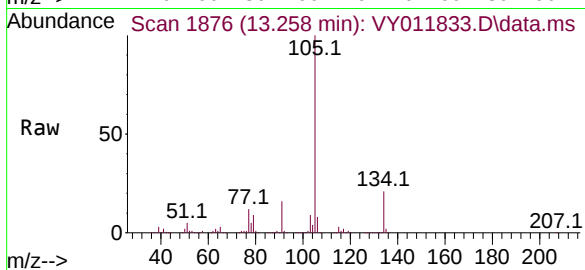
VSTDCCC050

Tgt Ion:105 Resp: 551704

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.3



#86

p-Isopropyltoluene

Concen: 50.372 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

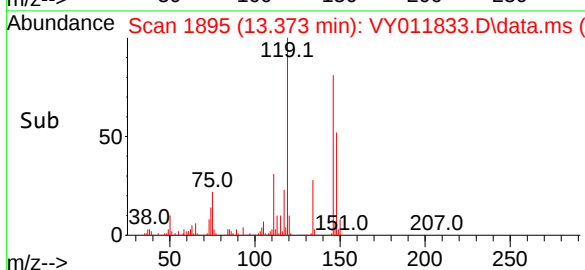
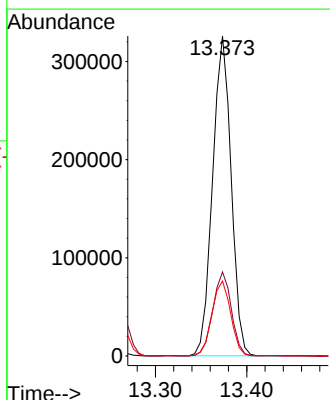
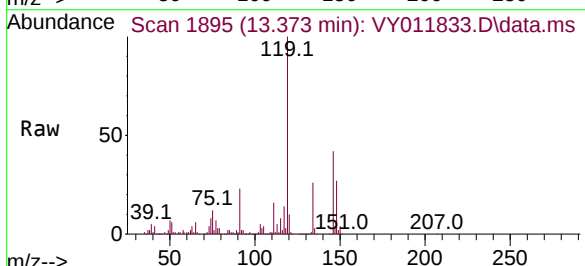
Tgt Ion:119 Resp: 459622

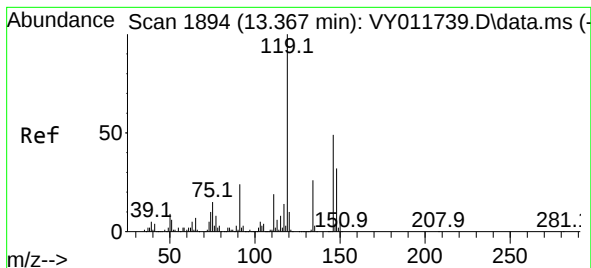
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 49.038 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

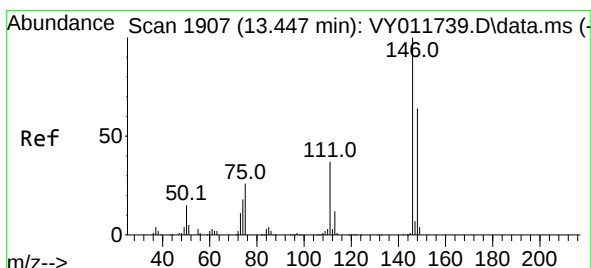
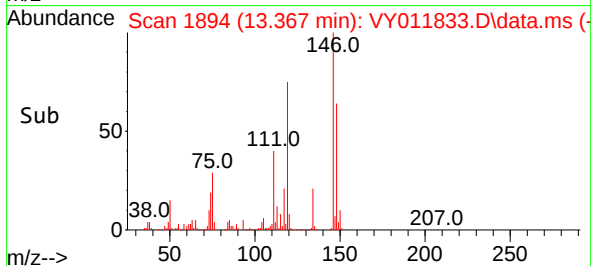
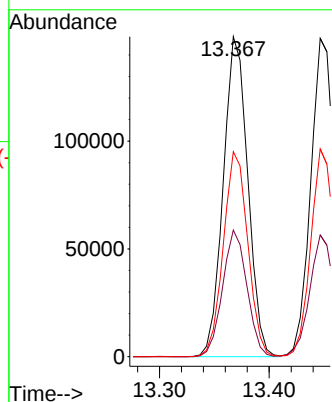
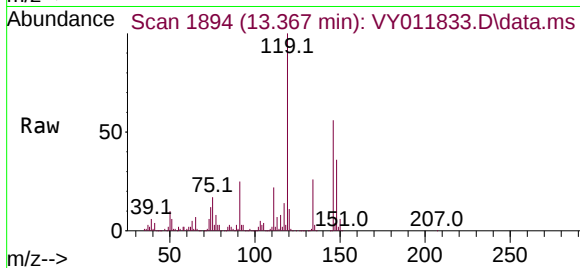
Tgt Ion:146 Resp: 230458

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.0

148 63.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.504 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

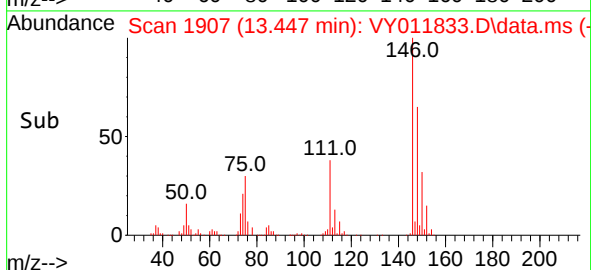
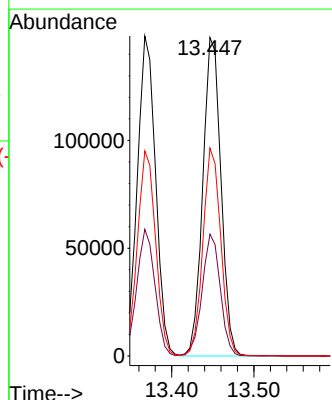
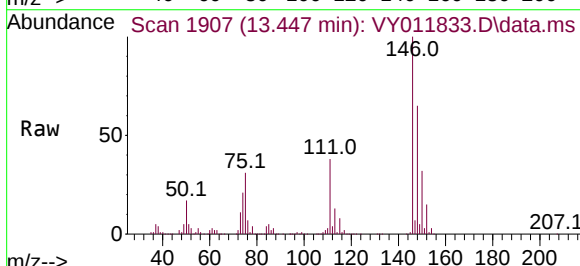
Tgt Ion:146 Resp: 226551

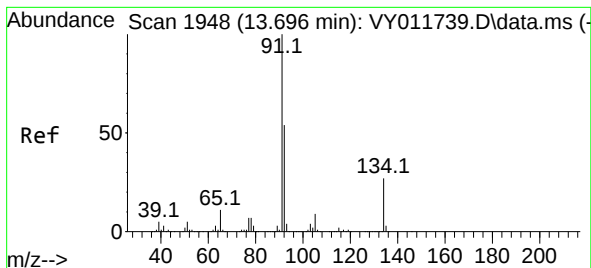
Ion Ratio Lower Upper

146 100

111 38.3 19.6 58.7

148 64.4 31.9 95.7





#89

n-Butylbenzene

Concen: 50.760 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

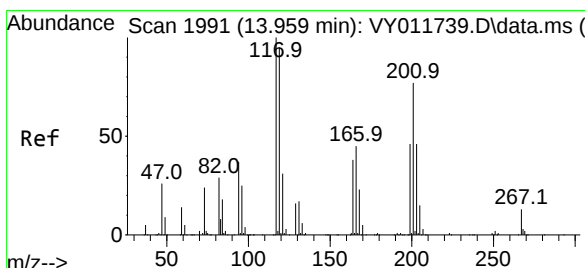
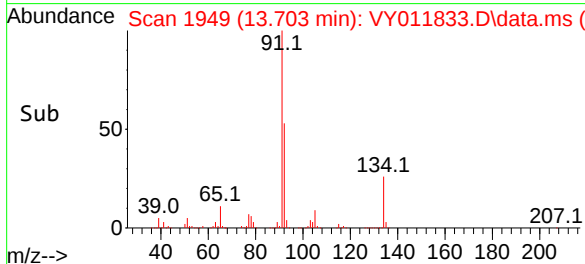
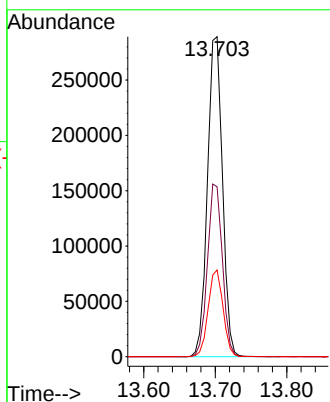
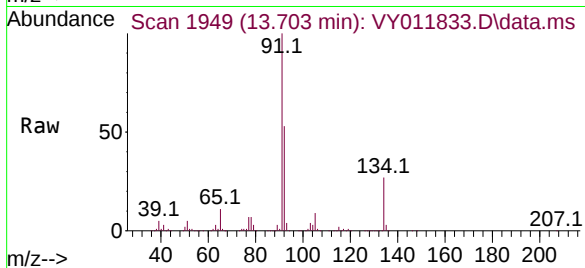
Tgt Ion: 91 Resp: 421044

Ion Ratio Lower Upper

91 100

92 53.7 26.8 80.4

134 26.9 13.3 39.8



#90

Hexachloroethane

Concen: 49.576 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY011833.D

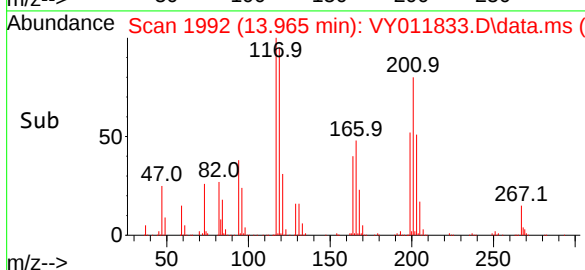
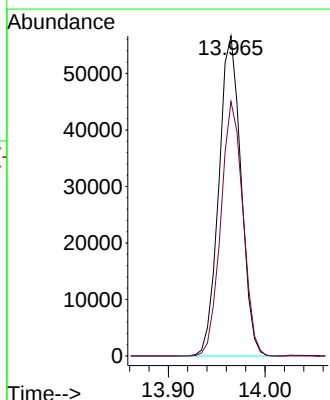
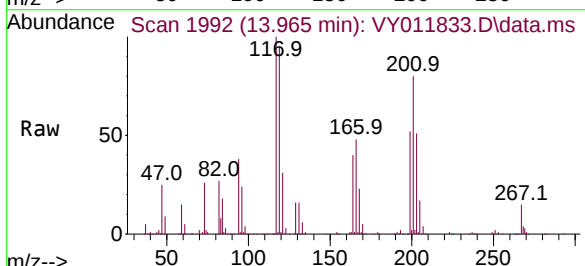
Acq: 14 Dec 2022 10:04

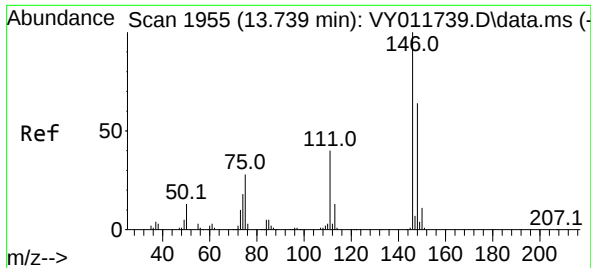
Tgt Ion: 117 Resp: 89888

Ion Ratio Lower Upper

117 100

201 79.3 40.3 120.8

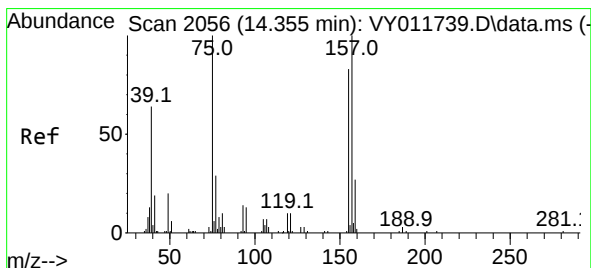
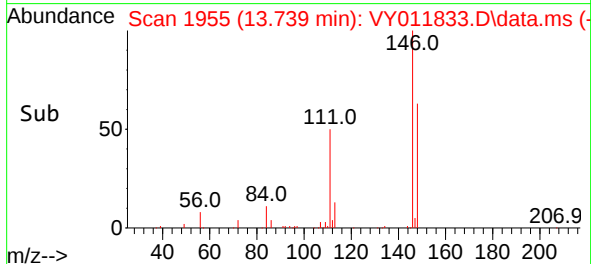
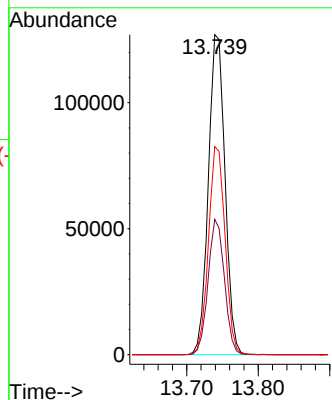
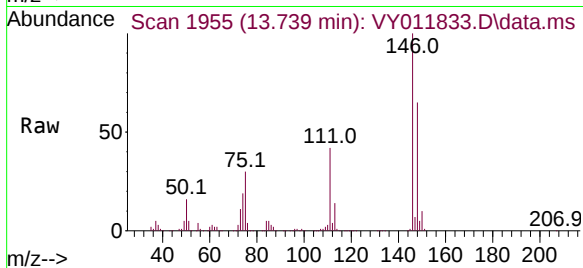




#91
1,2-Dichlorobenzene
Concen: 48.653 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

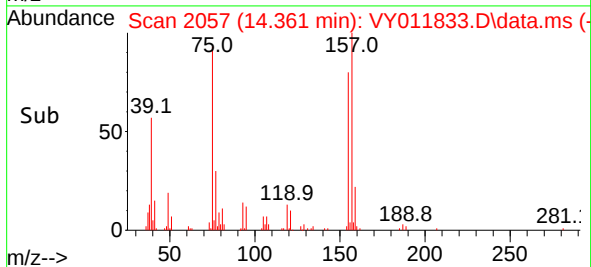
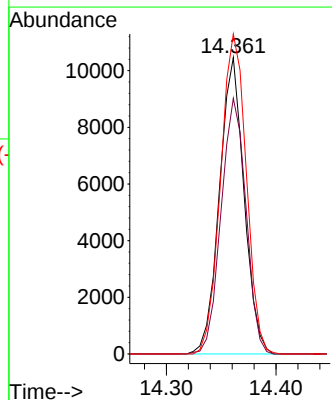
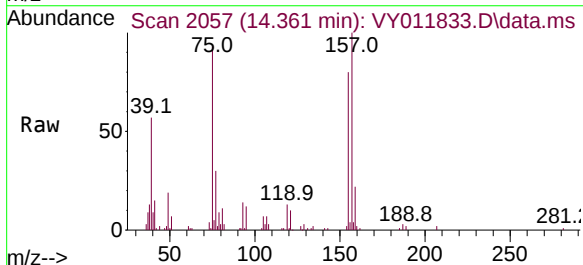
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

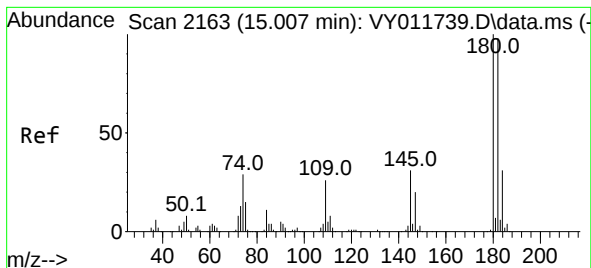
Tgt Ion:146 Resp: 205757
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.8
148 64.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.029 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY011833.D
Acq: 14 Dec 2022 10:04

Tgt Ion: 75 Resp: 16311
Ion Ratio Lower Upper
75 100
155 86.9 42.3 126.8
157 112.3 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 51.434 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

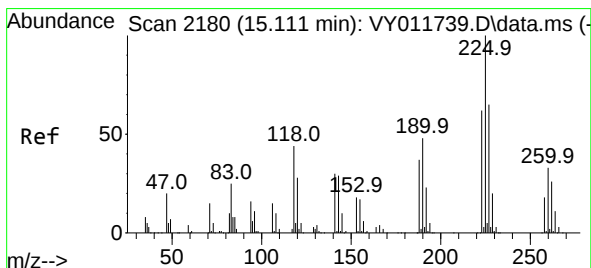
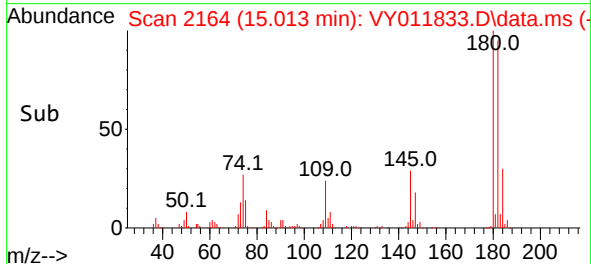
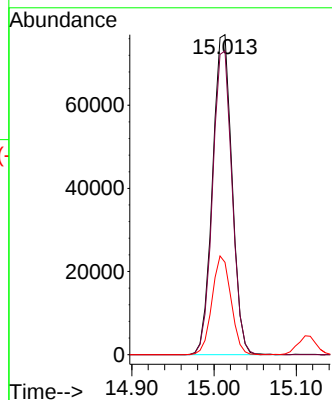
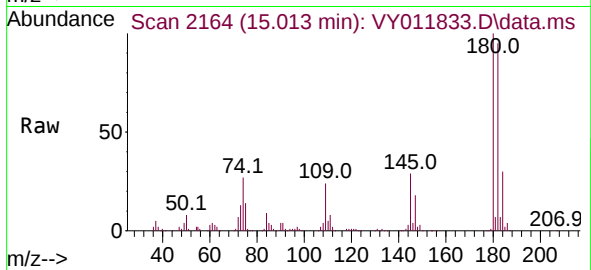
Tgt Ion:180 Resp: 126866

Ion Ratio Lower Upper

180 100

182 94.9 48.1 144.3

145 30.1 15.4 46.4



#94

Hexachlorobutadiene

Concen: 49.951 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

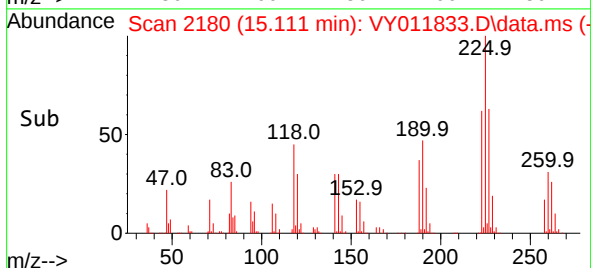
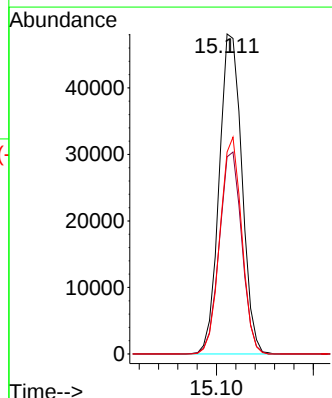
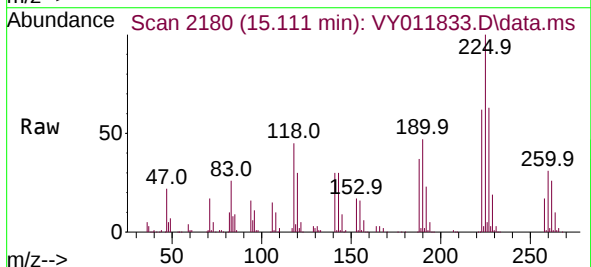
Tgt Ion:225 Resp: 78284

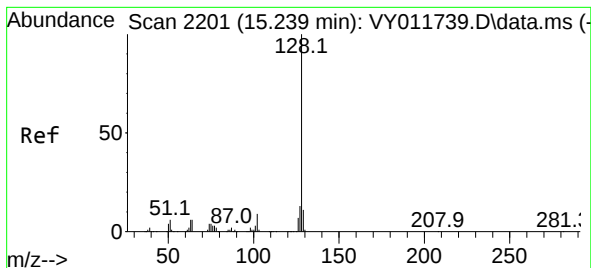
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.2

227 64.7 32.6 97.8





#95

Naphthalene

Concen: 53.242 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

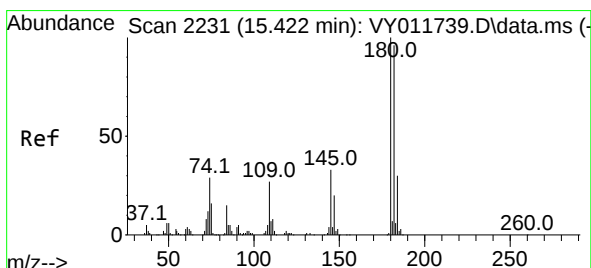
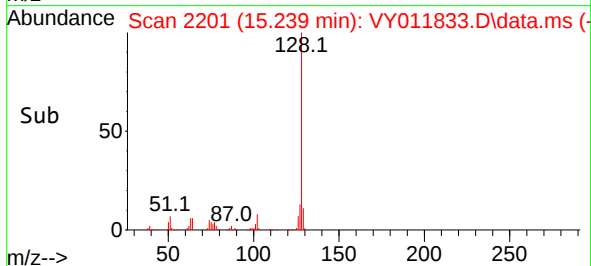
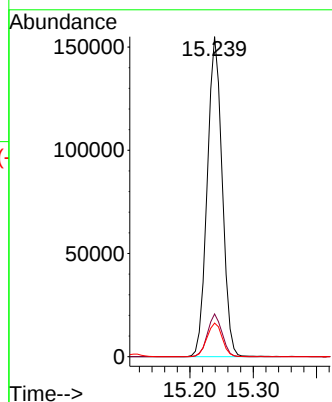
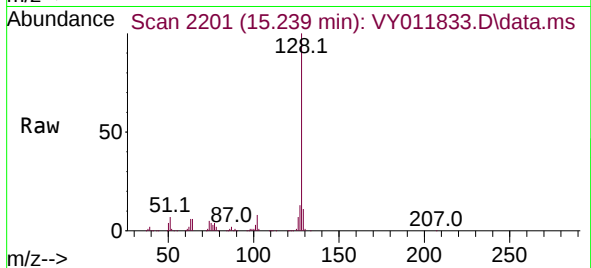
Tgt Ion:128 Resp: 254355

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.550 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY011833.D

Acq: 14 Dec 2022 10:04

Tgt Ion:180 Resp: 109831

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.7

145 32.9 16.1 48.2

