

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011963.D
 Acq On : 22 Dec 2022 10:08
 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 23 04:30:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	222935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	332082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150405	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109884	48.924	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.840%
35) Dibromofluoromethane	7.716	113	101824	50.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.860%
50) Toluene-d8	10.179	98	413681	51.000	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.483	95	139525	51.145	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.300%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.906	85	80194	45.343	ug/l 97
3) Chloromethane	2.119	50	88784	44.747	ug/l 96
4) Vinyl Chloride	2.253	62	95377	43.589	ug/l 100
5) Bromomethane	2.656	94	66219	42.537	ug/l 99
6) Chloroethane	2.796	64	61082	42.707	ug/l 95
7) Trichlorofluoromethane	3.131	101	168430	43.972	ug/l 99
8) Diethyl Ether	3.534	74	51333	43.434	ug/l 95
9) 1,1,2-Trichlorotrifluo...	3.905	101	93207	44.203	ug/l 98
10) Methyl Iodide	4.094	142	124927	42.821	ug/l 98
11) Tert butyl alcohol	4.954	59	49359	219.996	ug/l 98
12) 1,1-Dichloroethene	3.875	96	91752	43.501	ug/l 97
13) Acrolein	3.729	56	47511	226.290	ug/l 100
14) Allyl chloride	4.485	41	135018	43.469	ug/l 96
15) Acrylonitrile	5.161	53	124045	225.628	ug/l 99
16) Acetone	3.948	43	155272	231.914	ug/l 98
17) Carbon Disulfide	4.198	76	290200	43.132	ug/l 100
18) Methyl Acetate	4.479	43	67809	43.692	ug/l 98
19) Methyl tert-butyl Ether	5.222	73	244591	45.196	ug/l 97
20) Methylene Chloride	4.716	84	107827	40.590	ug/l 96
21) trans-1,2-Dichloroethene	5.222	96	104458	43.586	ug/l 99
22) Diisopropyl ether	6.119	45	274888	44.935	ug/l 94
23) Vinyl Acetate	6.058	43	815150	231.603	ug/l 99
24) 1,1-Dichloroethane	6.021	63	172266	43.322	ug/l 100
25) 2-Butanone	6.984	43	178477	238.552	ug/l 98
26) 2,2-Dichloropropane	6.984	77	166201	42.714	ug/l 99
27) cis-1,2-Dichloroethene	6.990	96	114736	44.264	ug/l 98
28) Bromochloromethane	7.338	49	54228	49.696	ug/l 94
29) Tetrahydrofuran	7.344	42	98129	231.494	ug/l 97
30) Chloroform	7.508	83	186642	43.547	ug/l 98
31) Cyclohexane	7.789	56	156341	41.349	ug/l 98
32) 1,1,1-Trichloroethane	7.704	97	178651	43.823	ug/l 99
36) 1,1-Dichloropropene	7.917	75	144146	44.950	ug/l 99
37) Ethyl Acetate	7.070	43	65474	45.508	ug/l 97
38) Carbon Tetrachloride	7.899	117	167362	45.189	ug/l 99
39) Methylcyclohexane	9.185	83	174335	45.180	ug/l 99
40) Benzene	8.161	78	409256	44.595	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	33547m	48.218	ug/l	
42) 1,2-Dichloroethane	8.234	62	120001	45.422	ug/l	100
43) Isopropyl Acetate	8.271	43	120959	46.033	ug/l	97
44) Trichloroethene	8.941	130	115028	44.468	ug/l	100
45) 1,2-Dichloropropane	9.216	63	94522	44.577	ug/l	100
46) Dibromomethane	9.307	93	55914	45.779	ug/l	99
47) Bromodichloromethane	9.496	83	140142	45.227	ug/l	97
48) Methyl methacrylate	9.295	41	57912	47.600	ug/l	97
49) 1,4-Dioxane	9.301	88	14845	1017.990	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	337592	240.944	ug/l	99
52) Toluene	10.246	92	263065	44.991	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	141887	45.316	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	160954	45.733	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	77934	44.964	ug/l	97
56) Ethyl methacrylate	10.508	69	105134	47.909	ug/l	98
57) 1,3-Dichloropropane	10.788	76	133090	46.013	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	224027	264.560	ug/l	97
59) 2-Hexanone	10.831	43	259402	251.657	ug/l	98
60) Dibromochloromethane	10.983	129	100846	46.187	ug/l	99
61) 1,2-Dibromoethane	11.087	107	73424	45.280	ug/l	99
64) Tetrachloroethene	10.721	164	118759	44.842	ug/l	98
65) Chlorobenzene	11.520	112	276380	43.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	105305	45.052	ug/l	98
67) Ethyl Benzene	11.593	91	510371	44.943	ug/l	100
68) m/p-Xylenes	11.703	106	399298	90.412	ug/l	99
69) o-Xylene	12.032	106	184943	45.006	ug/l	100
70) Styrene	12.044	104	314390	45.566	ug/l	99
71) Bromoform	12.209	173	64152	46.318	ug/l #	98
73) Isopropylbenzene	12.331	105	501748	44.956	ug/l	99
74) N-amyl acetate	12.142	43	106311	46.462	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	83719	44.964	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	58406m	31.207	ug/l	
77) Bromobenzene	12.611	156	115987	44.920	ug/l	97
78) n-propylbenzene	12.672	91	602201	44.888	ug/l	100
79) 2-Chlorotoluene	12.758	91	336046	44.562	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	433311	45.346	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	31563	46.184	ug/l	100
82) 4-Chlorotoluene	12.855	91	345147	44.235	ug/l	99
83) tert-Butylbenzene	13.075	119	378701	46.762	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	425118	45.222	ug/l	99
85) sec-Butylbenzene	13.257	105	544493	45.026	ug/l	99
86) p-Isopropyltoluene	13.373	119	462735	45.349	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	229399	44.176	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	226404	43.856	ug/l	100
89) n-Butylbenzene	13.696	91	416453	45.085	ug/l	99
90) Hexachloroethane	13.965	117	85236	43.780	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	203624	44.978	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14621	45.693	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	121414	45.591	ug/l	99
94) Hexachlorobutadiene	15.111	225	76132	44.242	ug/l	99
95) Naphthalene	15.239	128	236888	43.168	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	105479	46.847	ug/l	99

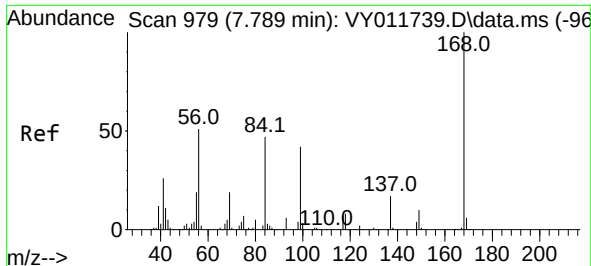
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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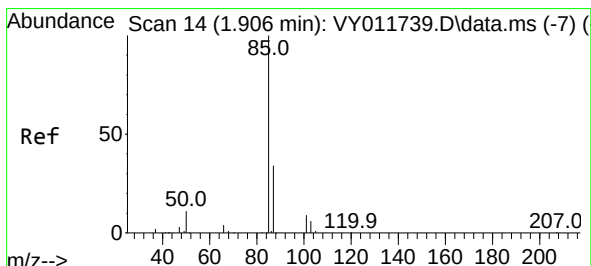
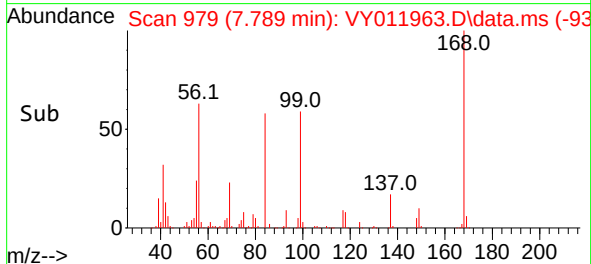
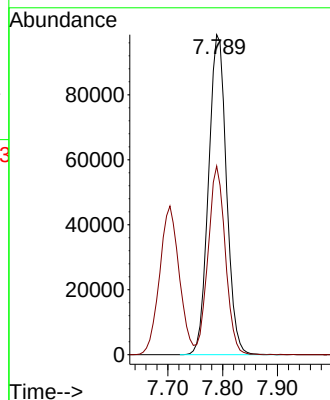
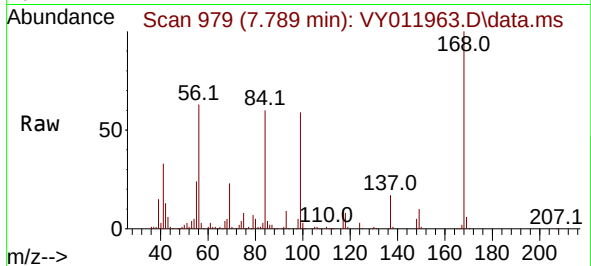
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

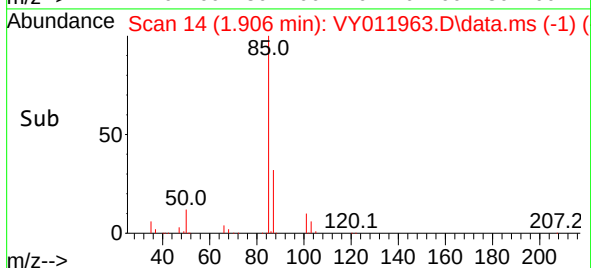
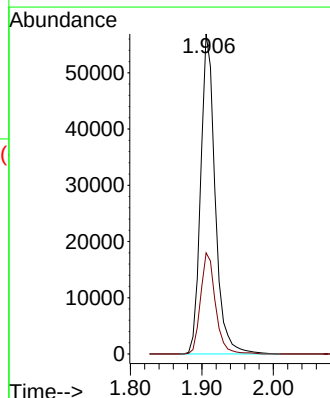
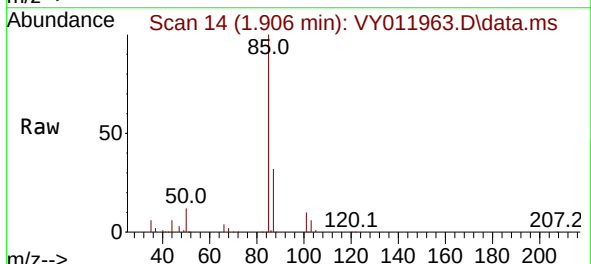
Instrument :
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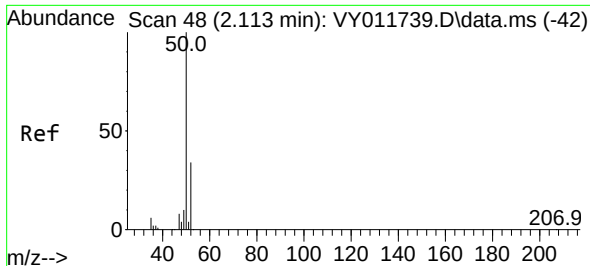
Tgt Ion:168 Resp: 222935
Ion Ratio Lower Upper
168 100
99 58.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 45.343 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 85 Resp: 80194
Ion Ratio Lower Upper
85 100
87 31.6 16.8 50.4

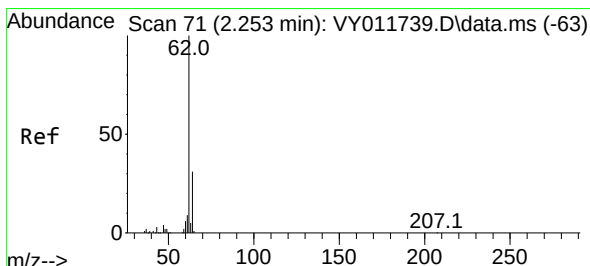
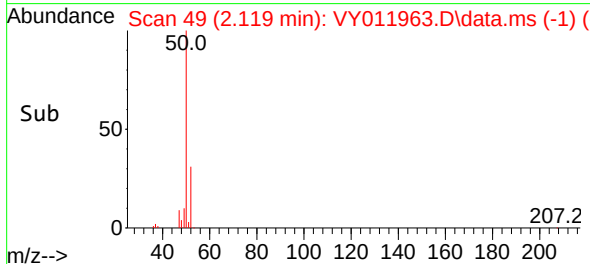
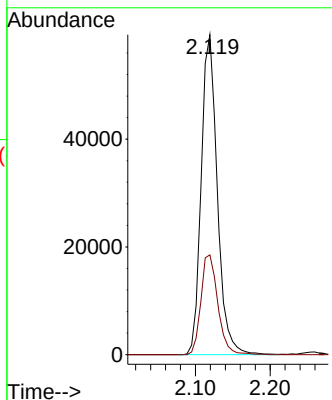
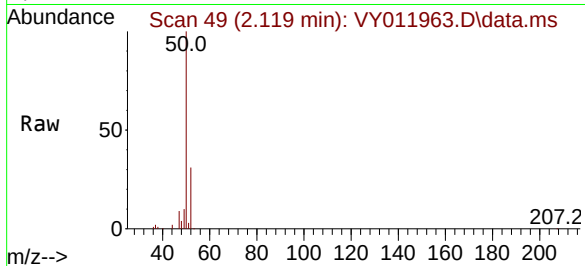




#3
Chloromethane
Concen: 44.747 ug/l
RT: 2.119 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

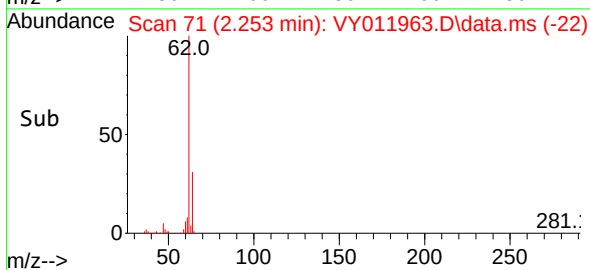
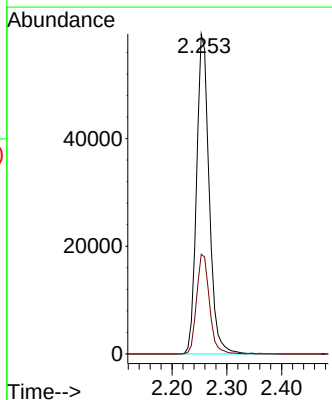
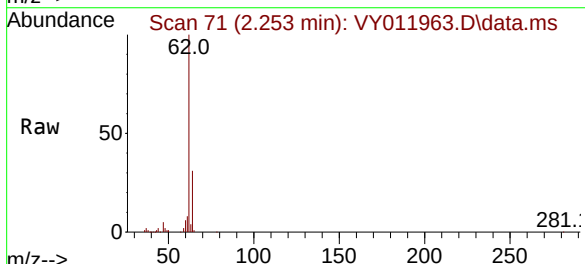
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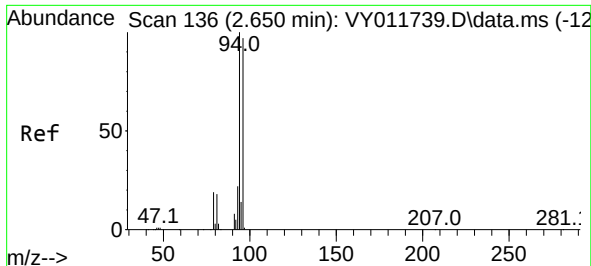
Tgt Ion: 50 Resp: 88784
Ion Ratio Lower Upper
50 100
52 31.2 26.8 40.2



#4
Vinyl Chloride
Concen: 43.589 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 62 Resp: 95377
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.6

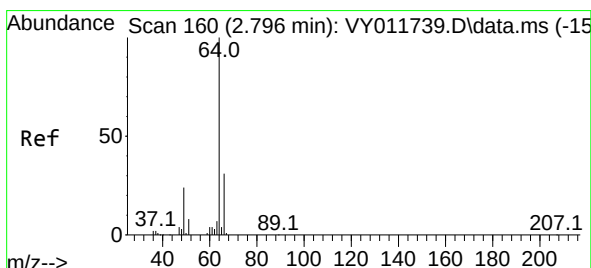
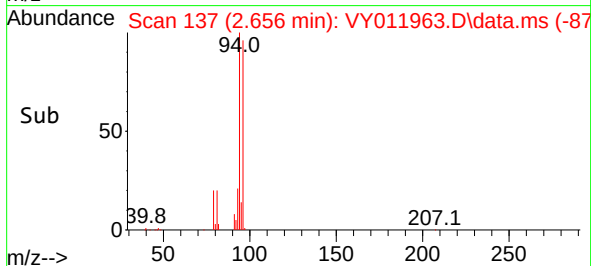
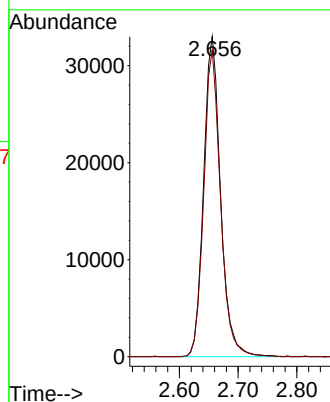
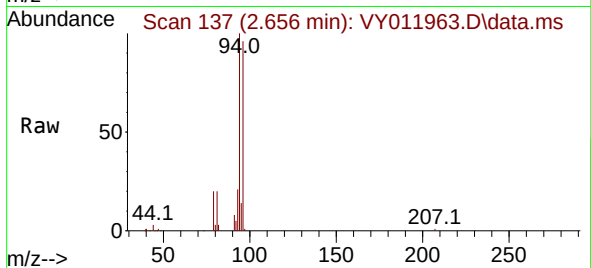




#5
Bromomethane
Concen: 42.537 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

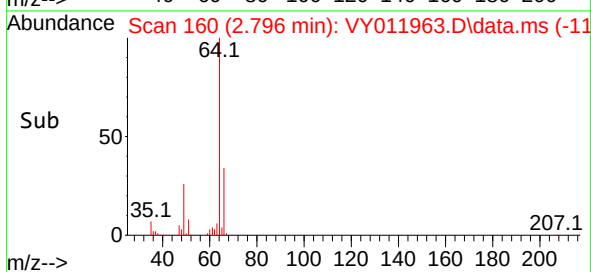
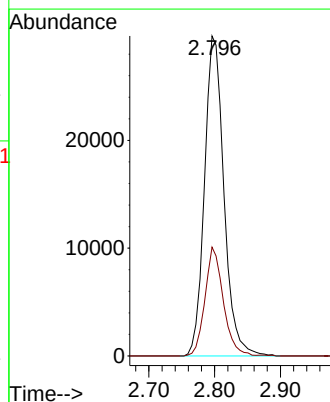
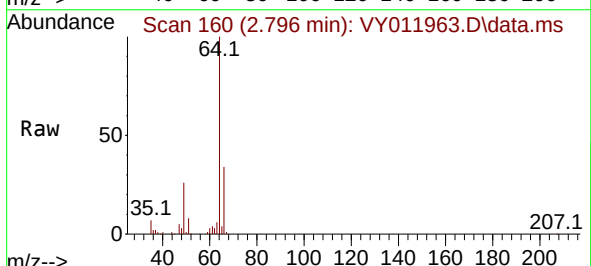
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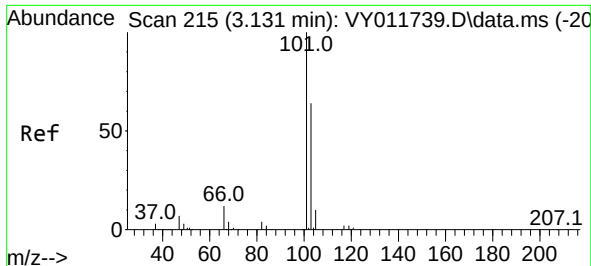
Tgt Ion: 94 Resp: 66219
Ion Ratio Lower Upper
94 100
96 95.8 77.4 116.2



#6
Chloroethane
Concen: 42.707 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 64 Resp: 61082
Ion Ratio Lower Upper
64 100
66 34.0 25.0 37.4

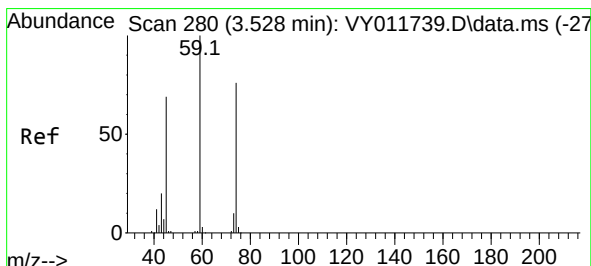
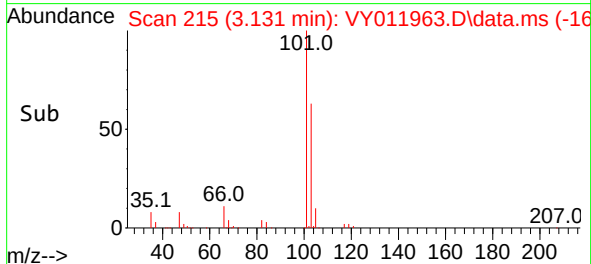
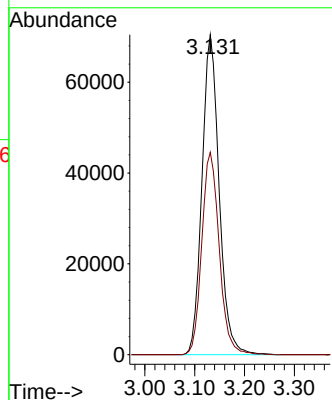
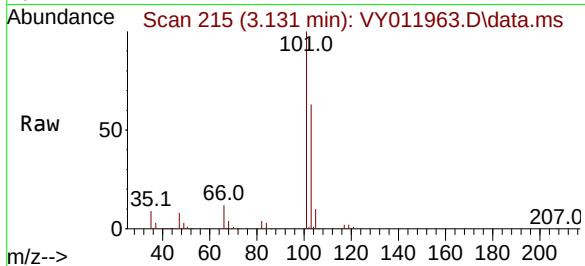




#7
 Trichlorofluoromethane
 Concen: 43.972 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

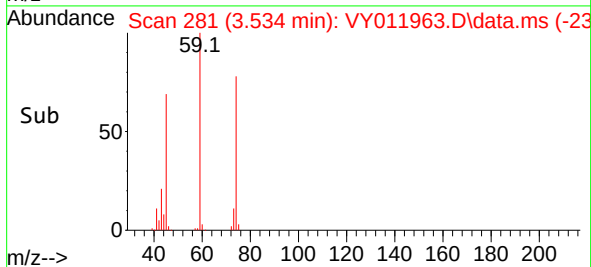
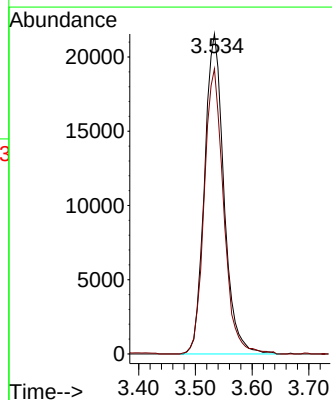
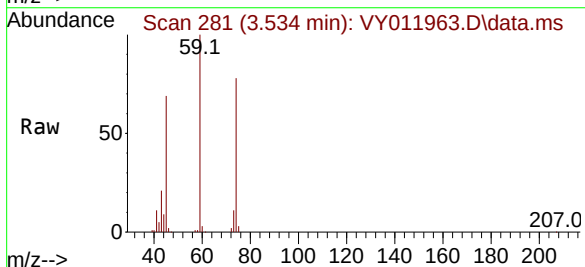
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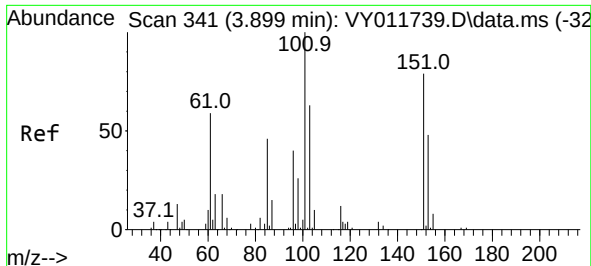
Tgt Ion:101 Resp: 168430
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.0 76.6



#8
 Diethyl Ether
 Concen: 43.434 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

Tgt Ion: 74 Resp: 51333
 Ion Ratio Lower Upper
 74 100
 45 89.1 46.8 140.3

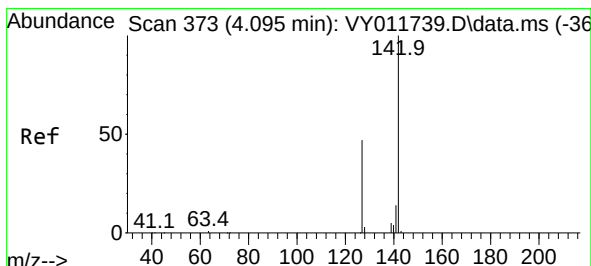
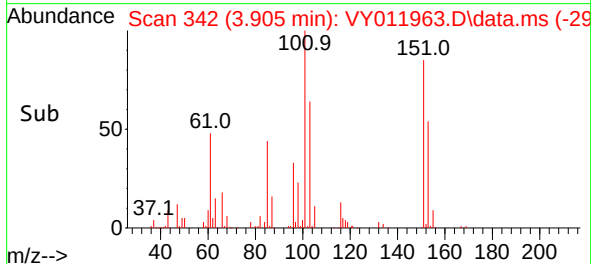
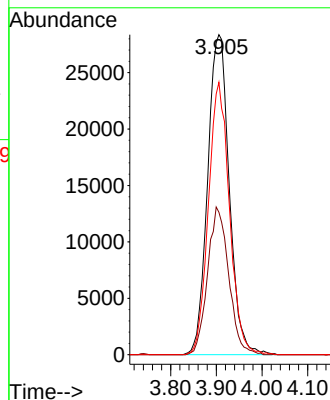
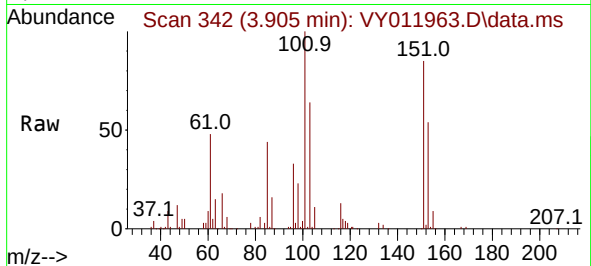




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.203 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY011963.D
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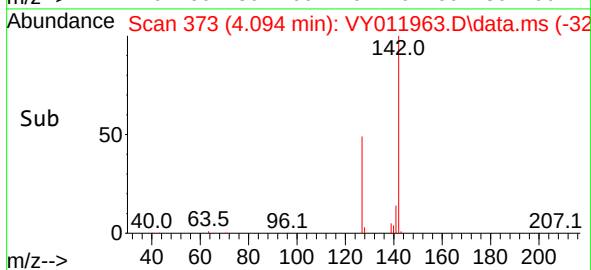
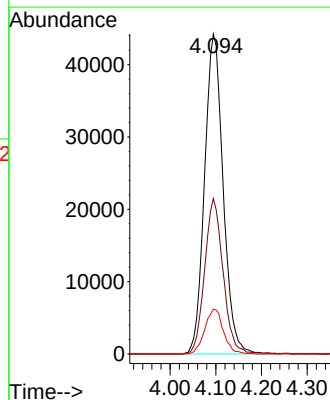
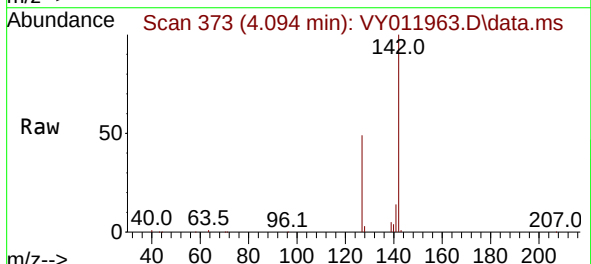
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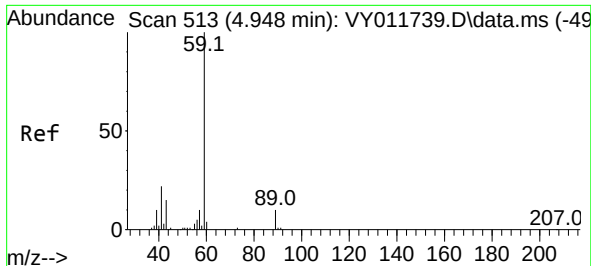
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Ion Ratio Lower Upper
101 100
85 45.1 36.2 54.2
151 82.9 64.2 96.2



#10
Methyl Iodide
Concen: 42.821 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion:142 Resp: 124927
Ion Ratio Lower Upper
142 100
127 48.2 37.0 55.4
141 14.0 11.4 17.0





#11

Tert butyl alcohol

Concen: 219.996 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

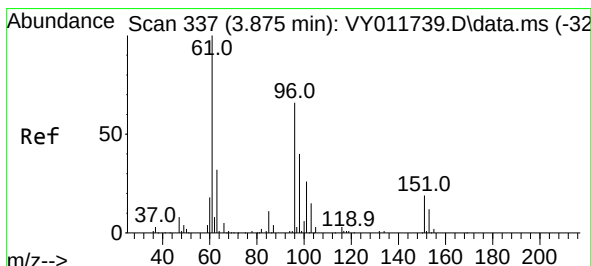
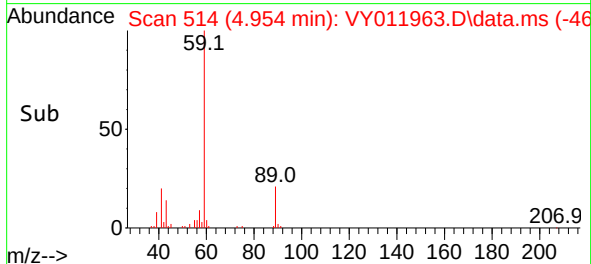
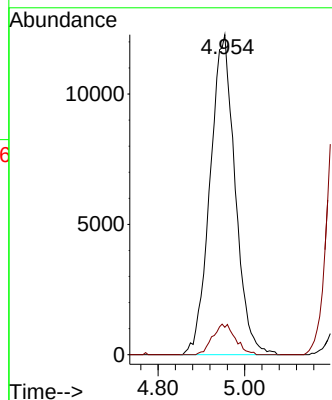
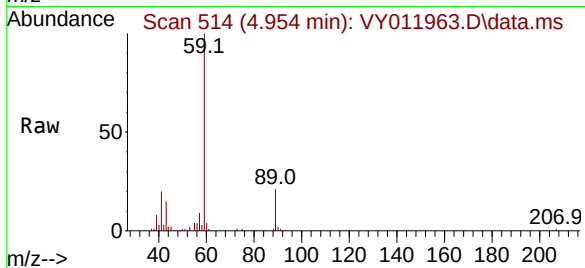
VSTDCCC050

Tgt Ion: 59 Resp: 49359

Ion Ratio Lower Upper

59 100

57 8.7 7.4 11.2



#12

1,1-Dichloroethene

Concen: 43.501 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

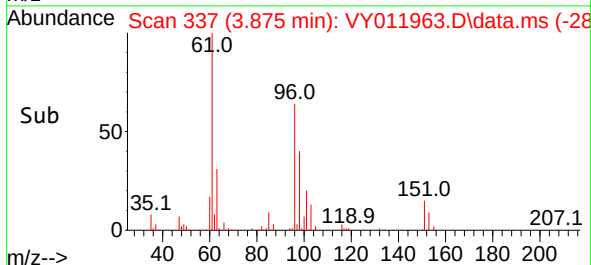
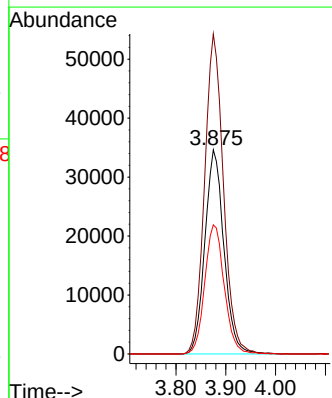
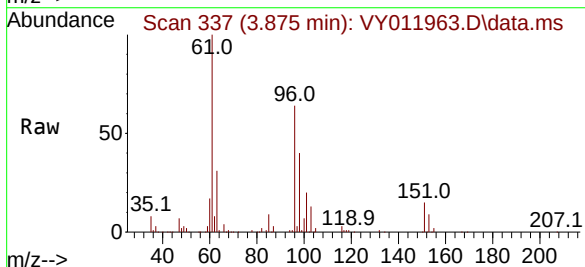
Tgt Ion: 96 Resp: 91752

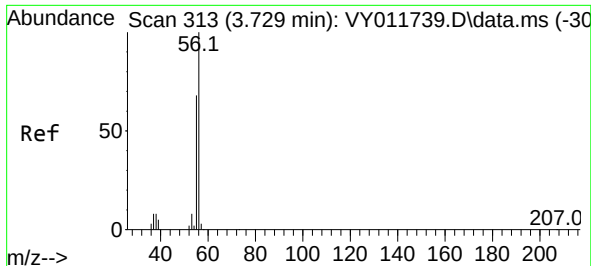
Ion Ratio Lower Upper

96 100

61 156.7 122.0 183.0

98 63.3 48.6 73.0





#13

Acrolein

Concen: 226.290 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

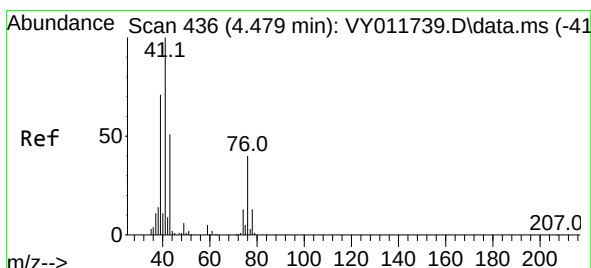
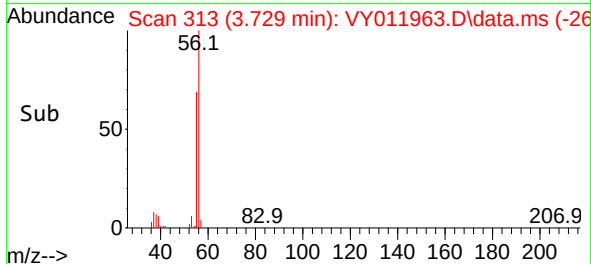
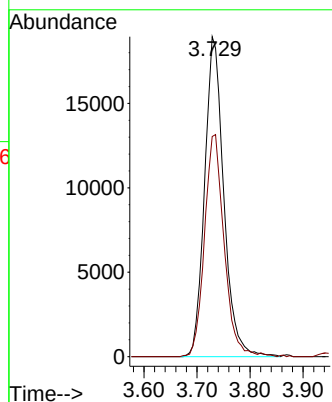
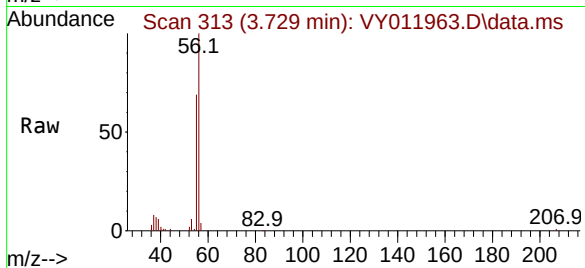
VSTDCCC050

Tgt Ion: 56 Resp: 47511

Ion Ratio Lower Upper

56 100

55 70.8 56.6 85.0



#14

Allyl chloride

Concen: 43.469 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

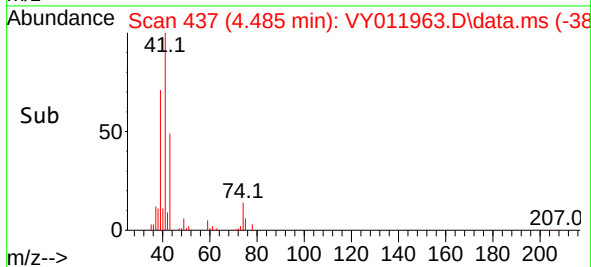
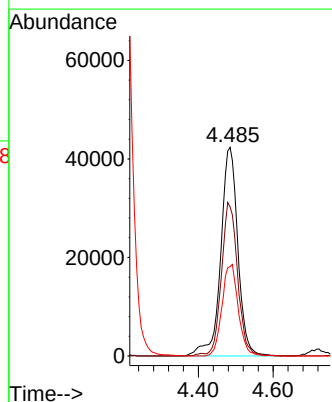
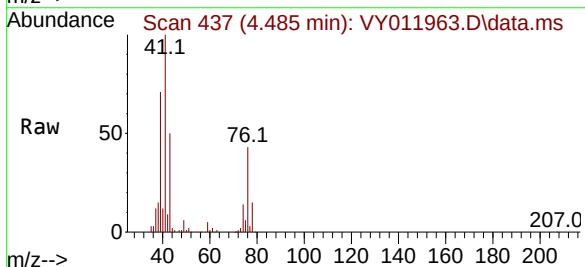
Tgt Ion: 41 Resp: 135018

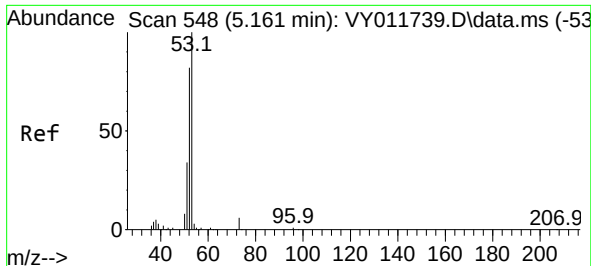
Ion Ratio Lower Upper

41 100

39 69.7 53.5 80.3

76 41.5 31.1 46.7

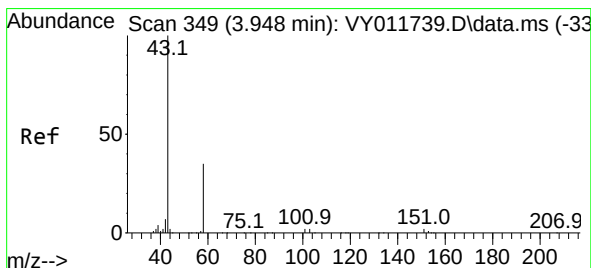
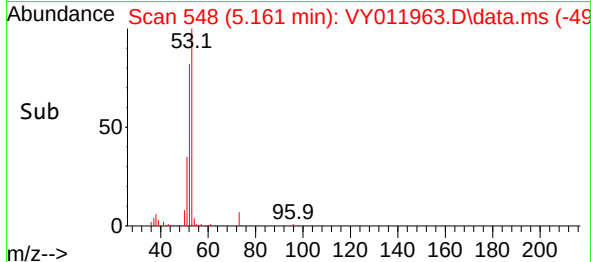
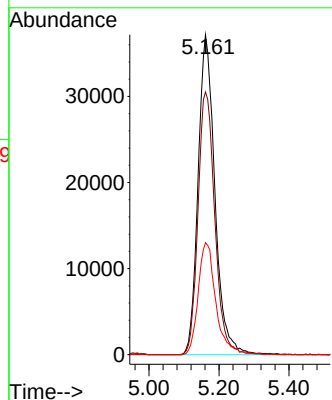
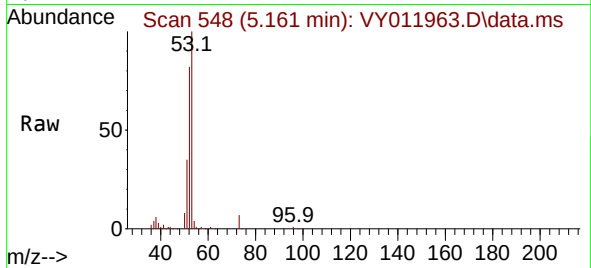




#15
Acrylonitrile
Concen: 225.628 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

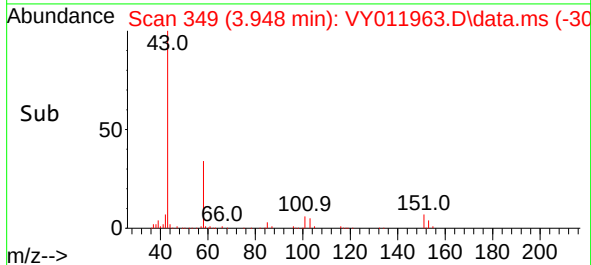
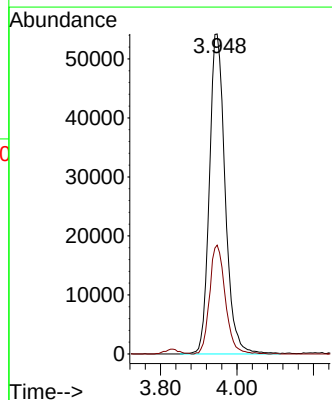
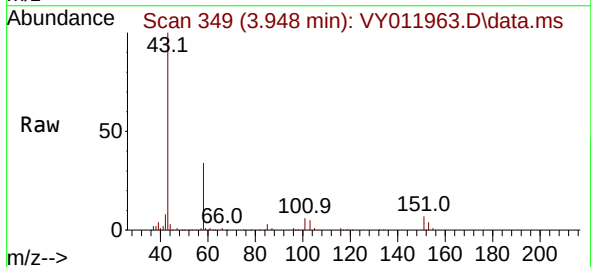
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

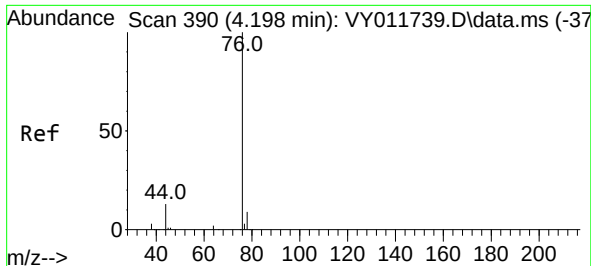
Tgt Ion: 53 Resp: 124045
Ion Ratio Lower Upper
53 100
52 82.3 65.1 97.7
51 36.8 28.7 43.1



#16
Acetone
Concen: 231.914 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 43 Resp: 155272
Ion Ratio Lower Upper
43 100
58 34.0 27.9 41.9

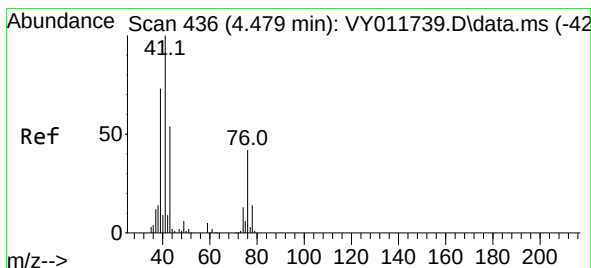
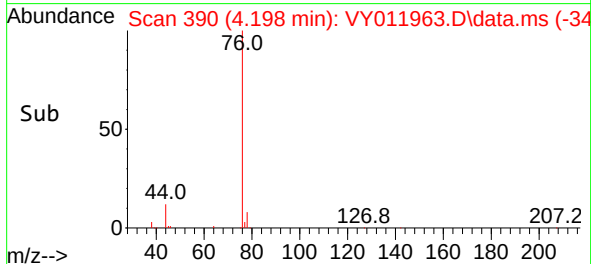
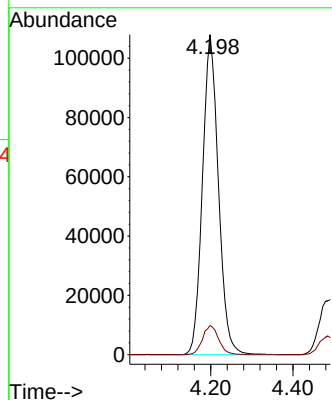
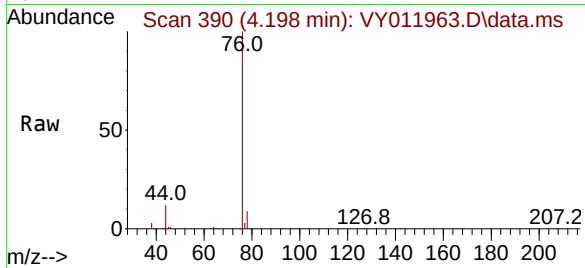




#17
Carbon Disulfide
Concen: 43.132 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

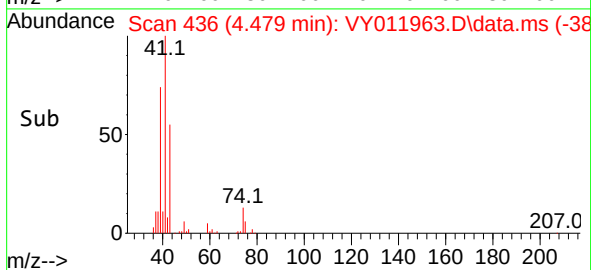
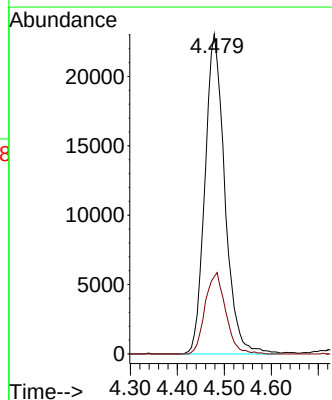
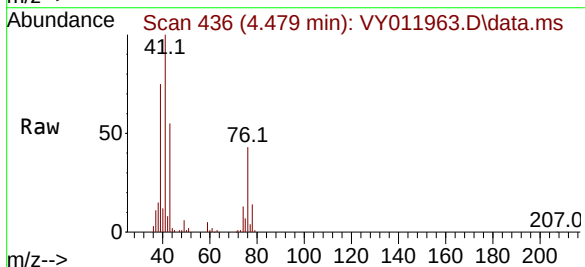
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

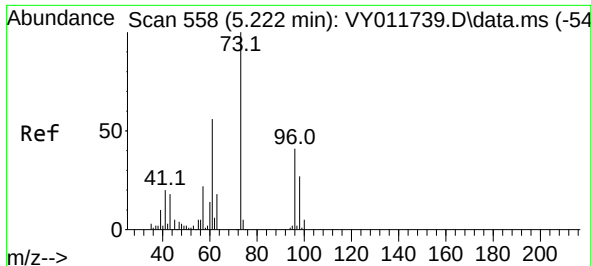
Tgt Ion: 76 Resp: 290200
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 43.692 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 43 Resp: 67809
Ion Ratio Lower Upper
43 100
74 26.3 20.1 30.1

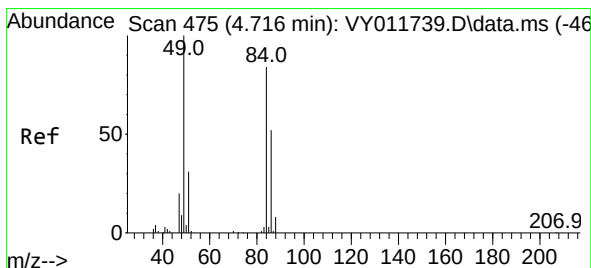
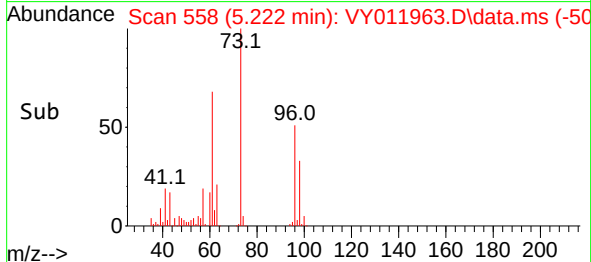
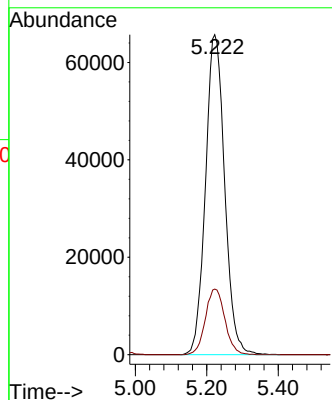
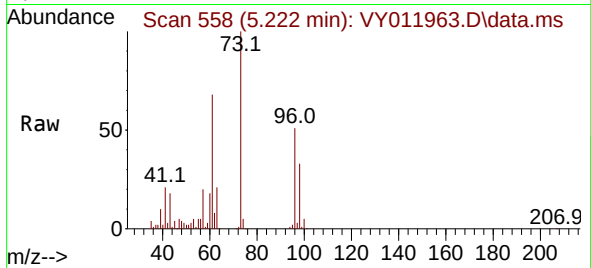




#19
Methyl tert-butyl Ether
Concen: 45.196 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

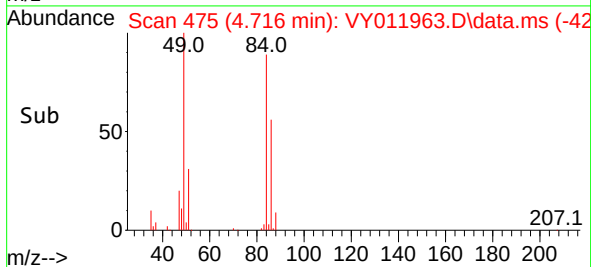
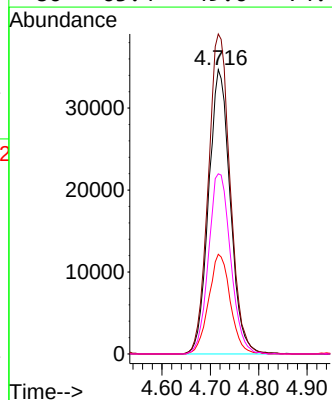
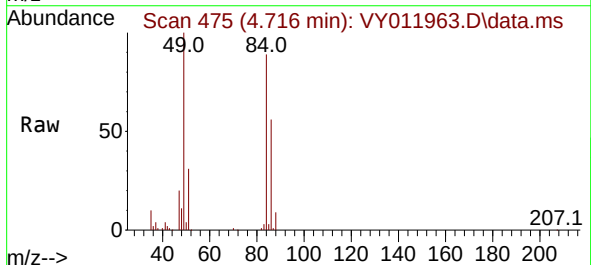
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

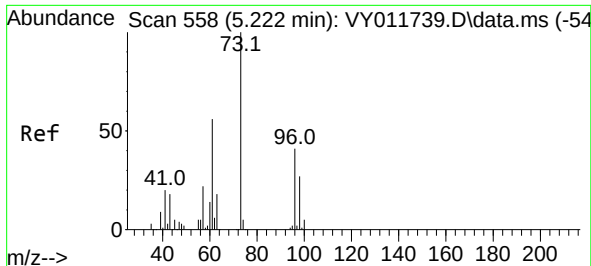
Tgt Ion: 73 Resp: 244591
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.0



#20
Methylene Chloride
Concen: 40.590 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 84 Resp: 107827
Ion Ratio Lower Upper
84 100
49 112.5 95.4 143.2
51 35.1 29.9 44.9
86 63.4 49.6 74.4

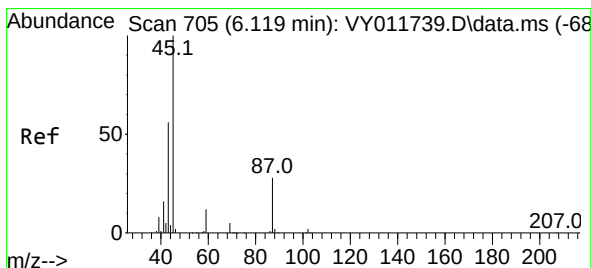
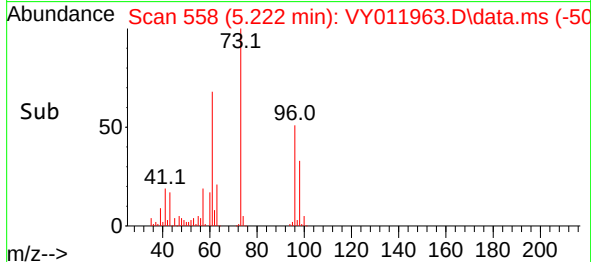
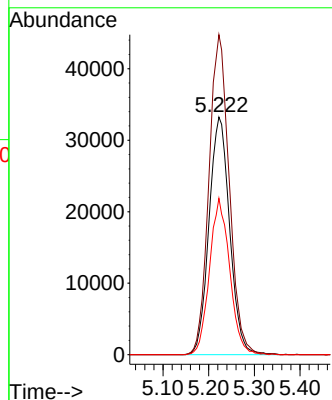
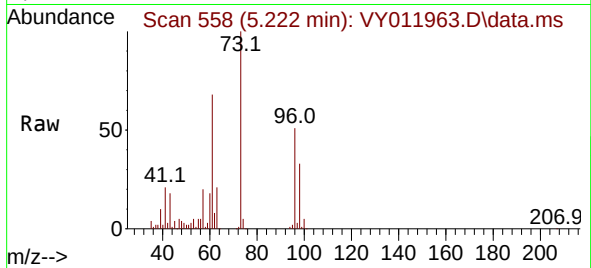




#21
trans-1,2-Dichloroethene
Concen: 43.586 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

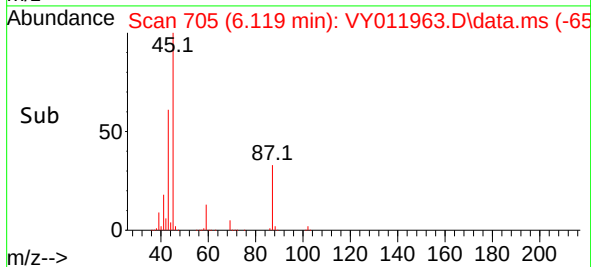
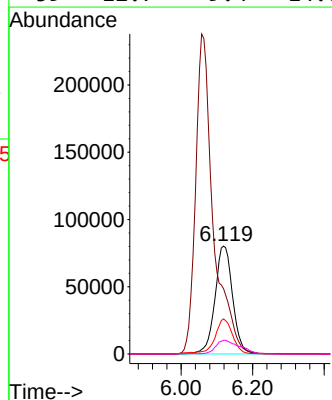
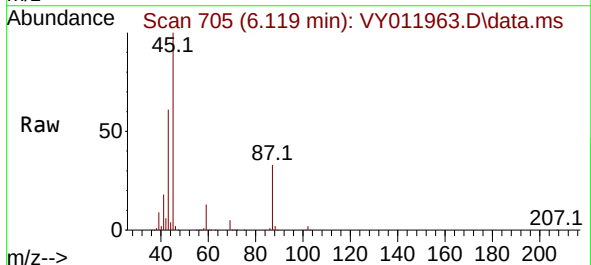
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

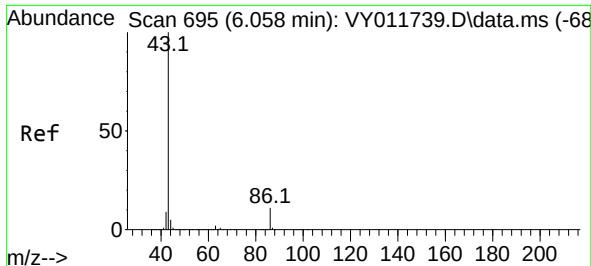
Tgt Ion: 96 Resp: 104458
Ion Ratio Lower Upper
96 100
61 134.7 108.0 162.0
98 65.8 51.6 77.4



#22
Diisopropyl ether
Concen: 44.935 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 45 Resp: 274888
Ion Ratio Lower Upper
45 100
43 60.3 45.0 67.4
87 32.5 22.6 33.8
59 12.7 9.4 14.0

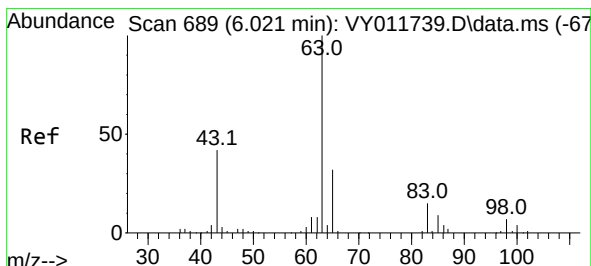
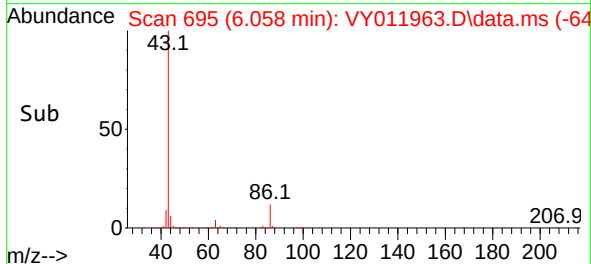
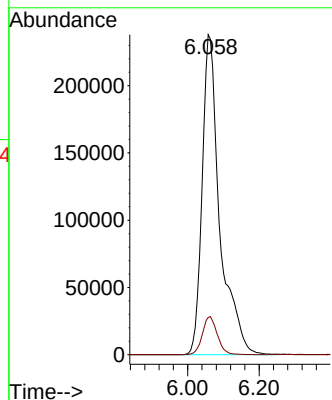
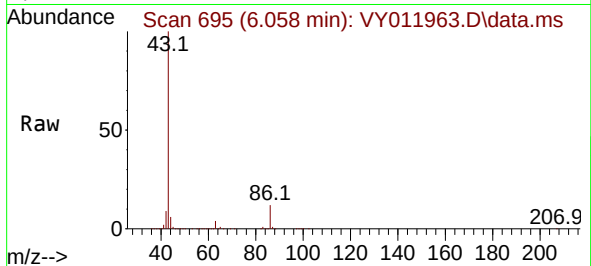




#23
 Vinyl Acetate
 Concen: 231.603 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

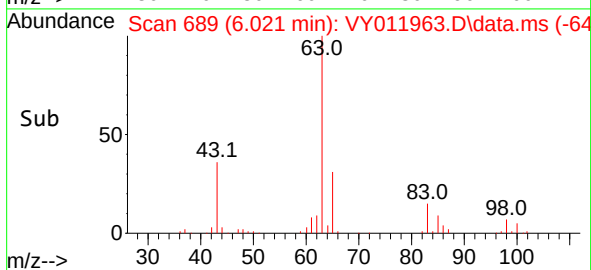
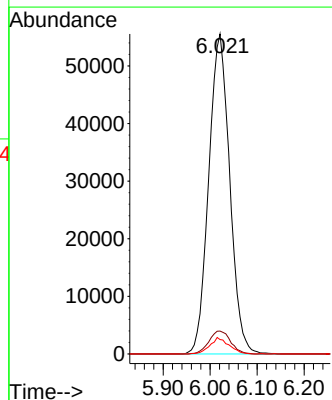
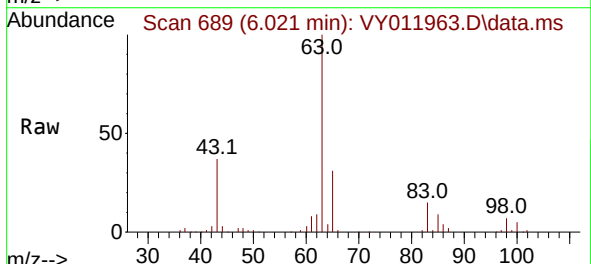
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

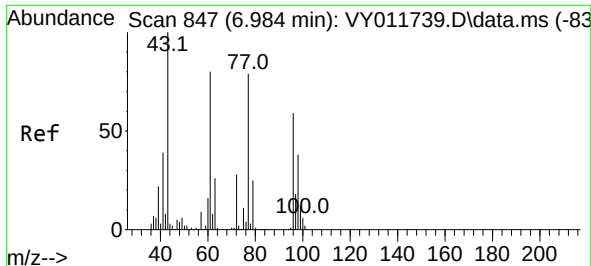
Tgt Ion: 43 Resp: 815150
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 43.322 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

Tgt Ion: 63 Resp: 172266
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.5 2.2 6.6

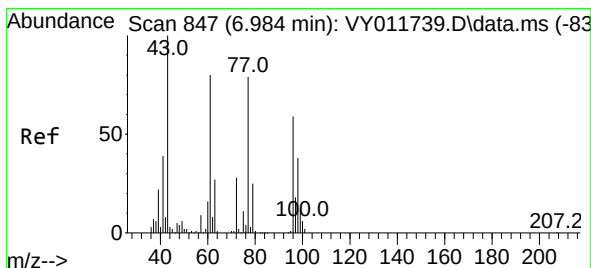
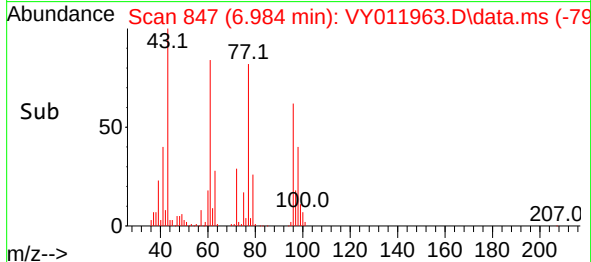
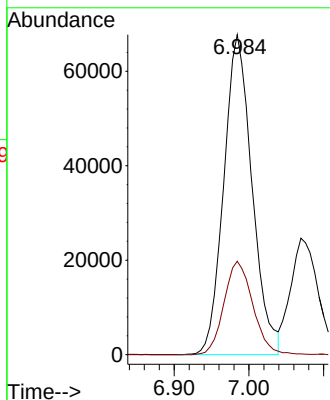
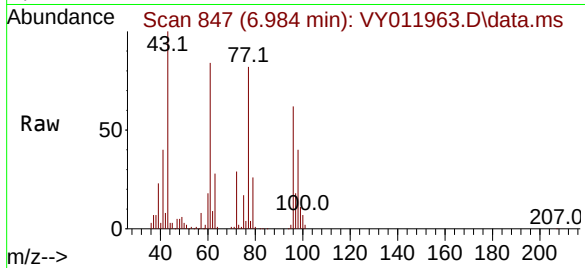




#25
2-Butanone
Concen: 238.552 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

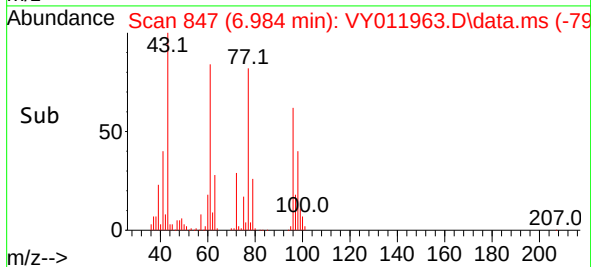
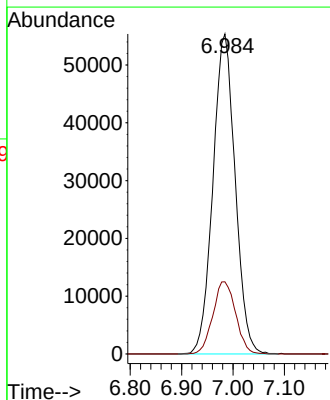
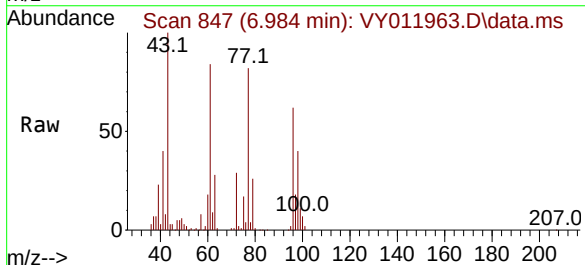
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

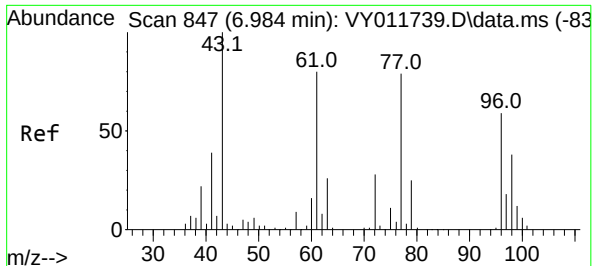
Tgt Ion: 43 Resp: 178477
Ion Ratio Lower Upper
43 100
72 29.2 22.6 34.0



#26
2,2-Dichloropropane
Concen: 42.714 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 77 Resp: 166201
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1

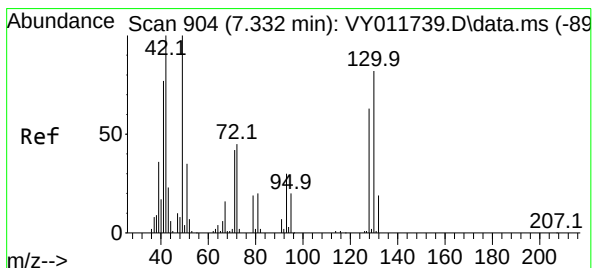
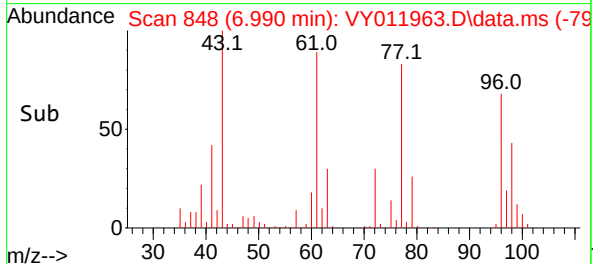
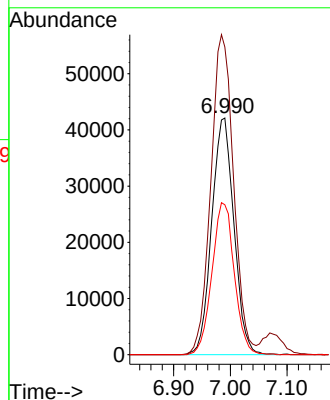
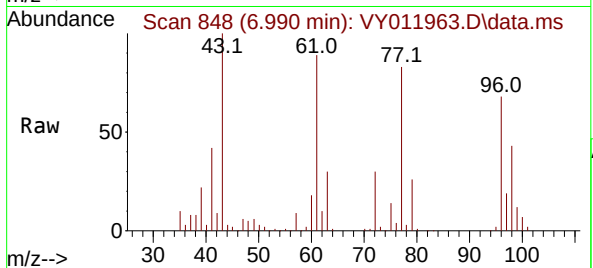




#27
 cis-1,2-Dichloroethene
 Concen: 44.264 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

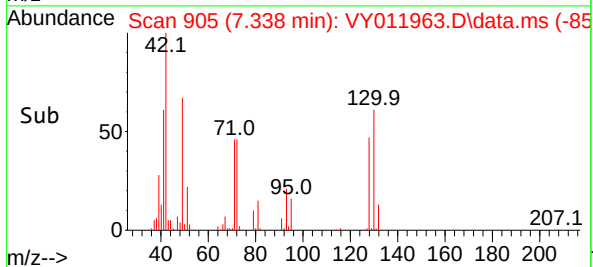
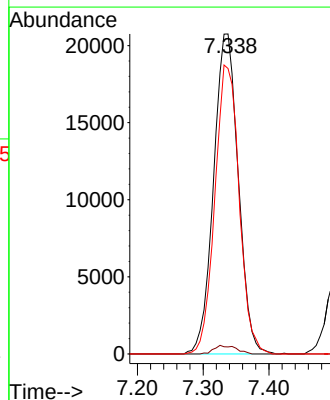
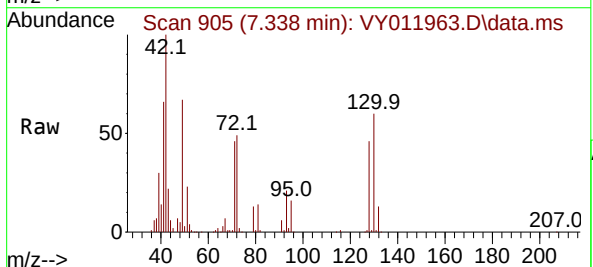
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

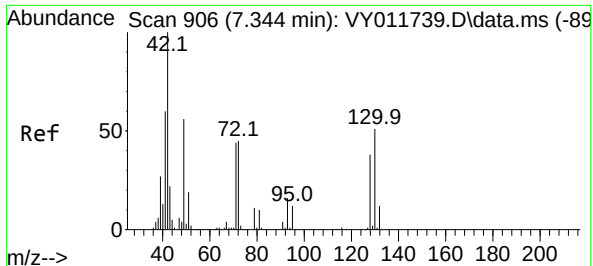
Tgt Ion: 96 Resp: 114736
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 283.4
 98 64.6 0.0 127.6



#28
 Bromochloromethane
 Concen: 49.696 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

Tgt Ion: 49 Resp: 54228
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 88.6 66.7 100.1





#29

Tetrahydrofuran

Concen: 231.494 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

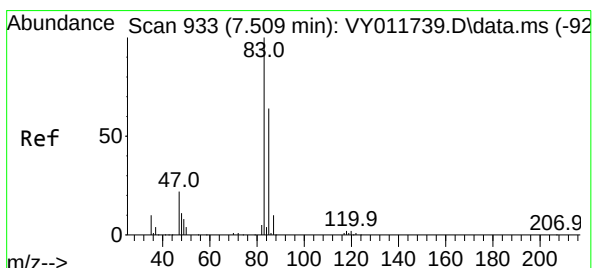
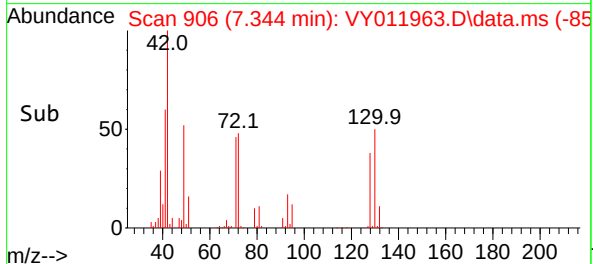
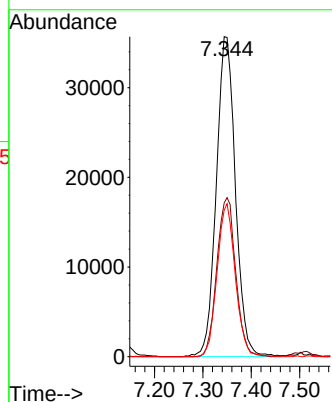
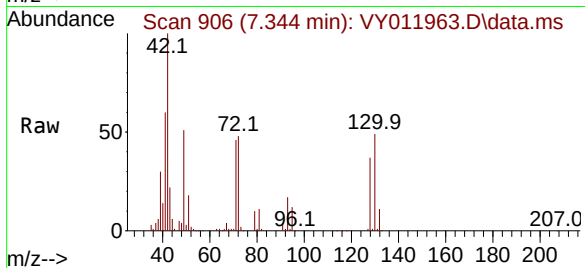
Tgt Ion: 42 Resp: 98129

Ion Ratio Lower Upper

42 100

72 49.0 37.0 55.6

71 45.4 34.9 52.3



#30

Chloroform

Concen: 43.547 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY011963.D

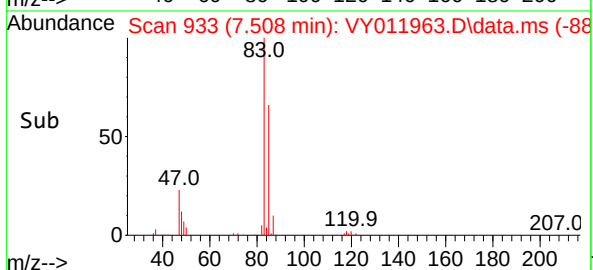
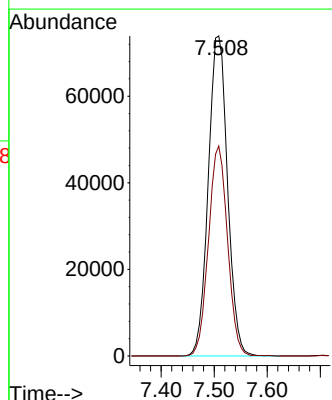
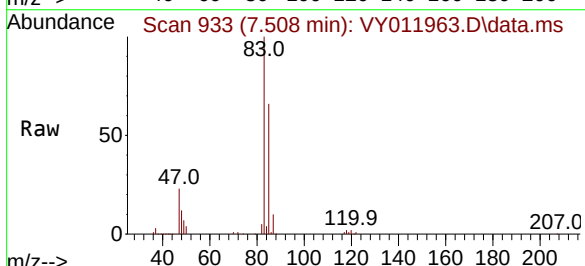
Acq: 22 Dec 2022 10:08

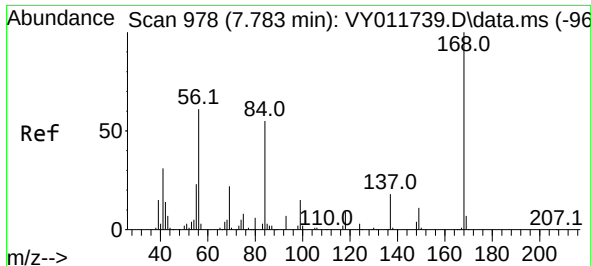
Tgt Ion: 83 Resp: 186642

Ion Ratio Lower Upper

83 100

85 65.6 51.5 77.3

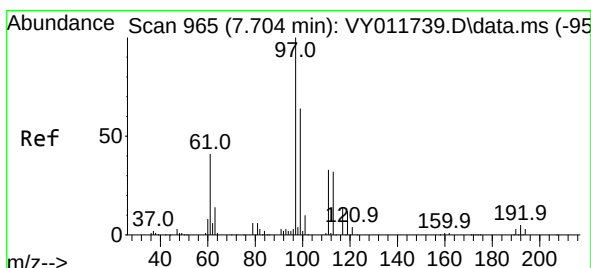
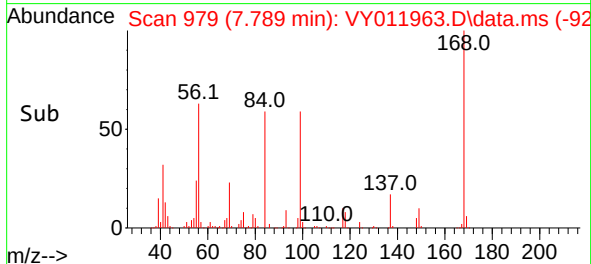
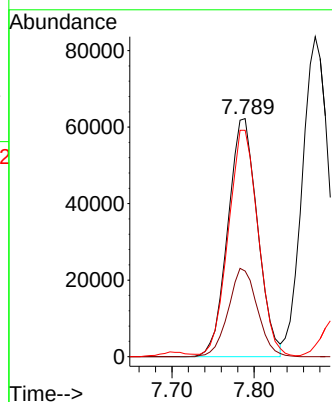
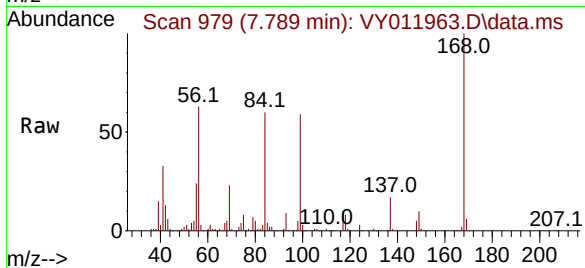




#31
Cyclohexane
Concen: 41.349 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

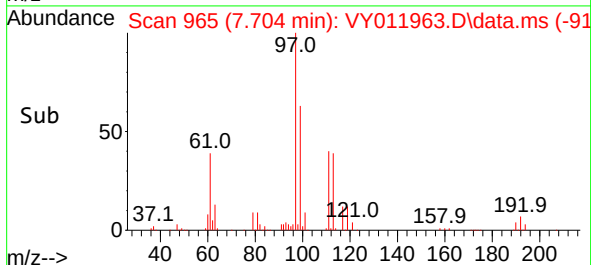
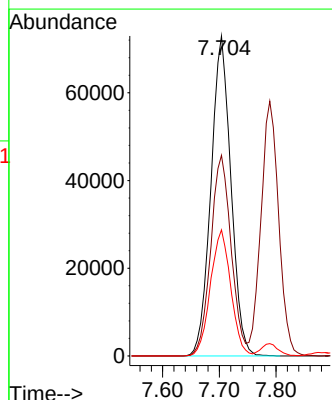
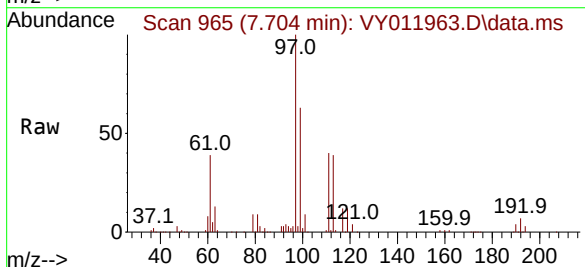
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

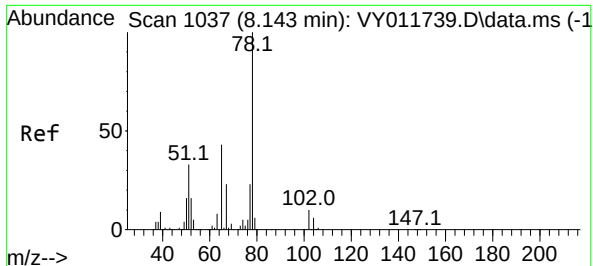
Tgt Ion: 56 Resp: 156341
Ion Ratio Lower Upper
56 100
69 36.0 29.2 43.8
84 93.3 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 43.823 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 97 Resp: 178651
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 40.2 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 48.924 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

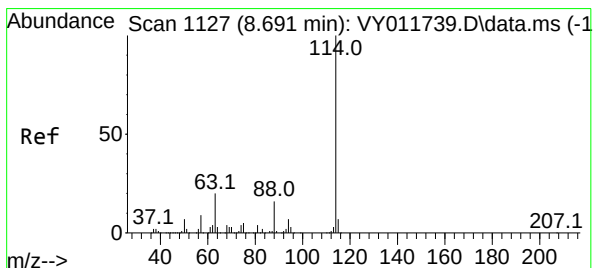
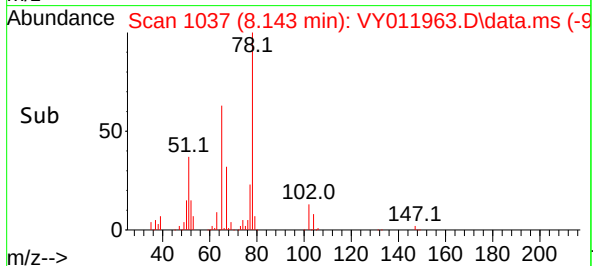
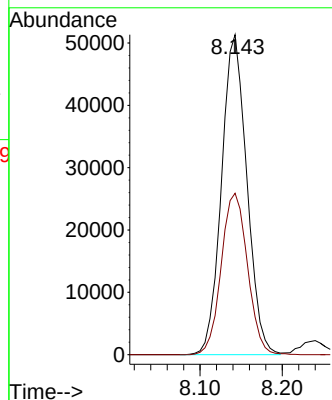
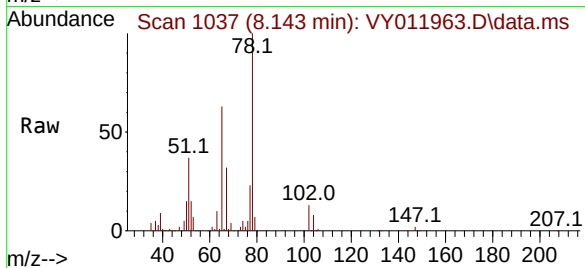
VSTDCCC050

Tgt Ion: 65 Resp: 109884

Ion Ratio Lower Upper

65 100

67 52.3 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: VY011963.D

Acq: 22 Dec 2022 10:08

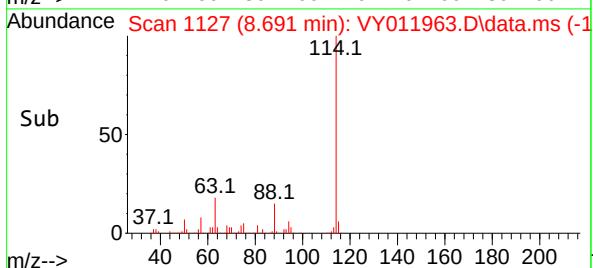
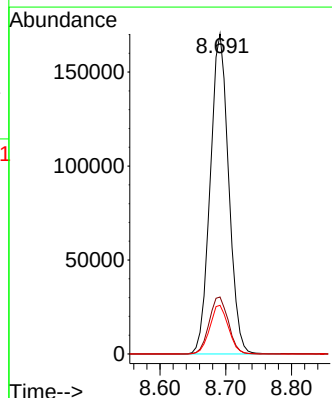
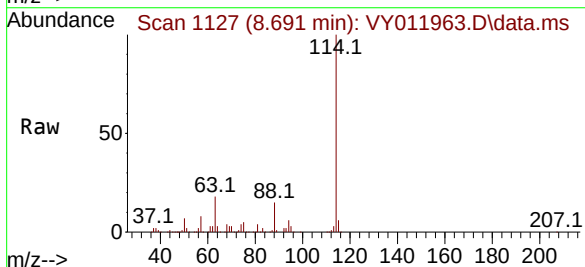
Tgt Ion: 114 Resp: 332082

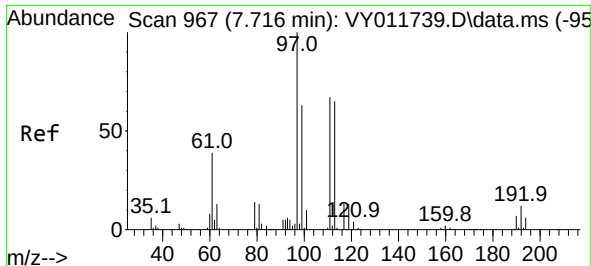
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 15.2 0.0 32.2

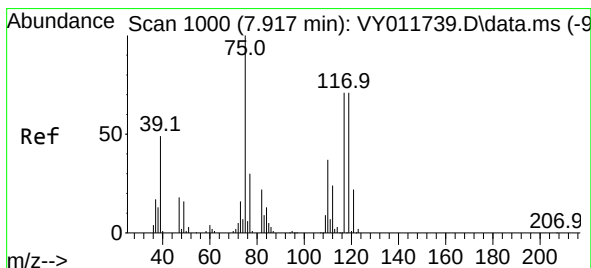
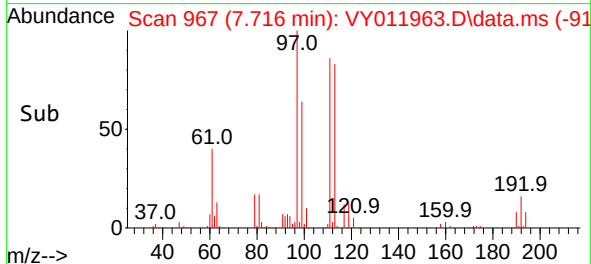
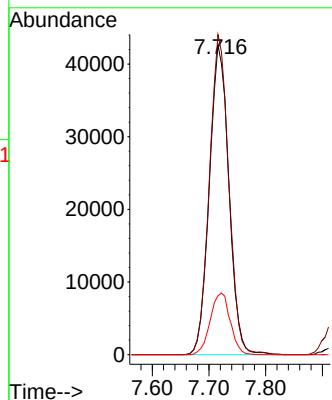
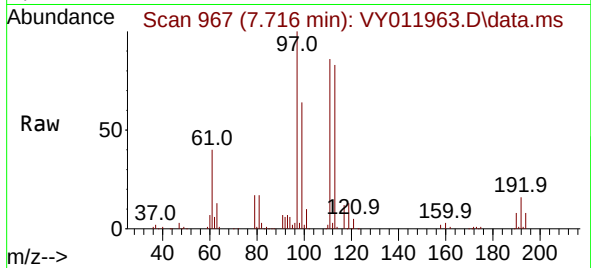




#35
Dibromofluoromethane
Concen: 50.932 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

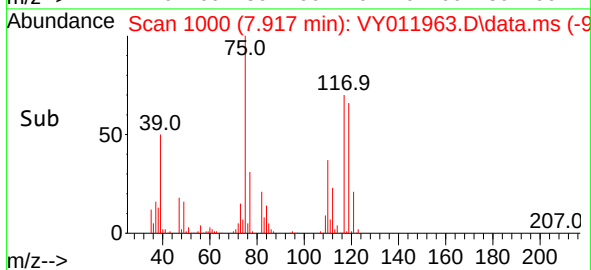
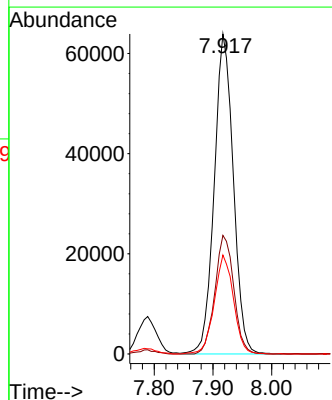
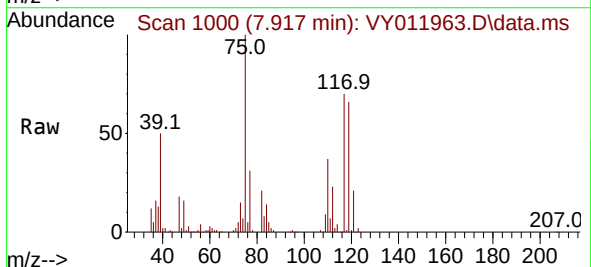
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

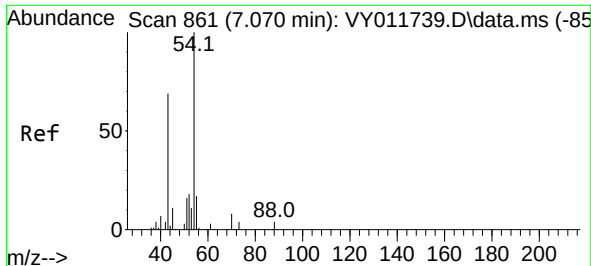
Tgt Ion:113 Resp: 101824
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 20.3 16.0 24.0



#36
1,1-Dichloropropene
Concen: 44.950 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 75 Resp: 144146
Ion Ratio Lower Upper
75 100
110 36.7 18.1 54.1
77 31.1 25.1 37.7

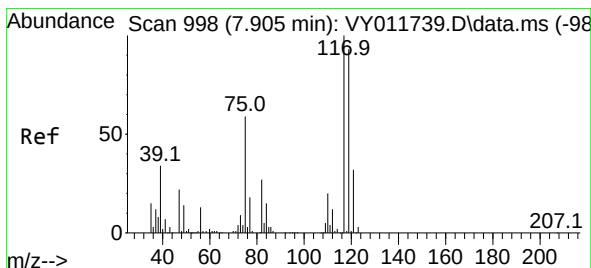
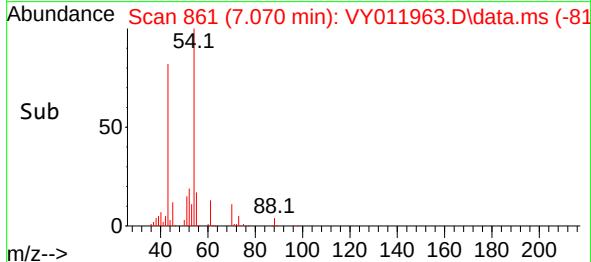
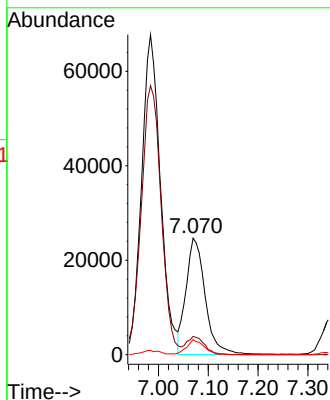
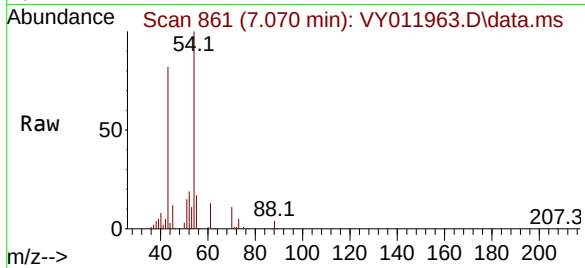




#37
Ethyl Acetate
Concen: 45.508 ug/l
RT: 7.070 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

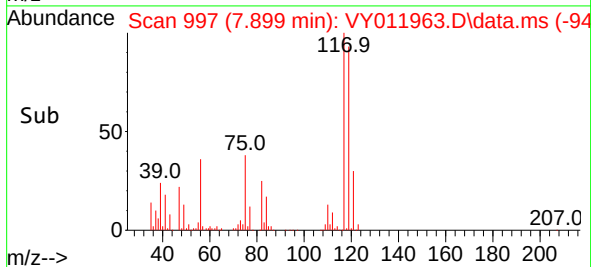
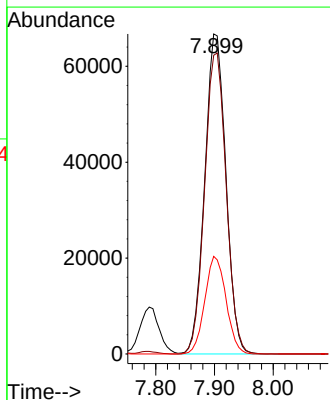
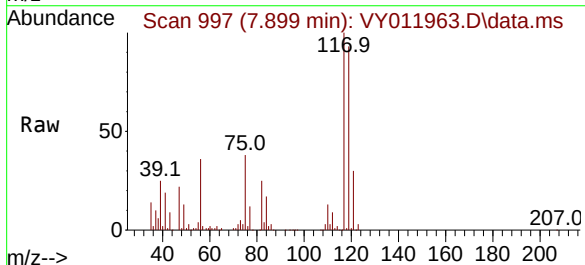
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

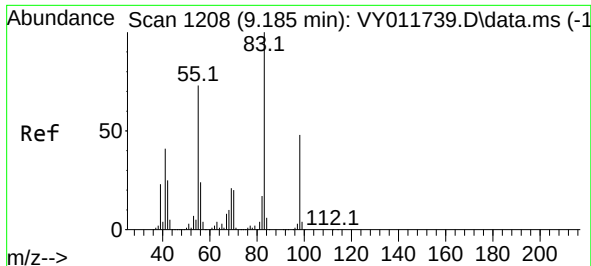
Tgt Ion: 43 Resp: 65474
Ion Ratio Lower Upper
43 100
61 14.9 11.3 16.9
70 11.6 8.2 12.4



#38
Carbon Tetrachloride
Concen: 45.189 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 117 Resp: 167362
Ion Ratio Lower Upper
117 100
119 93.4 73.8 110.8
121 30.5 25.2 37.8





#39

Methylcyclohexane

Concen: 45.180 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

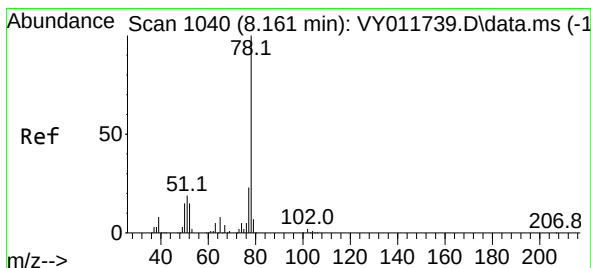
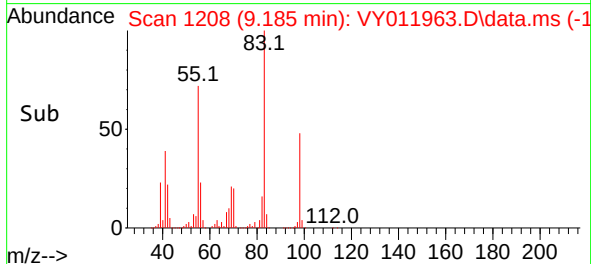
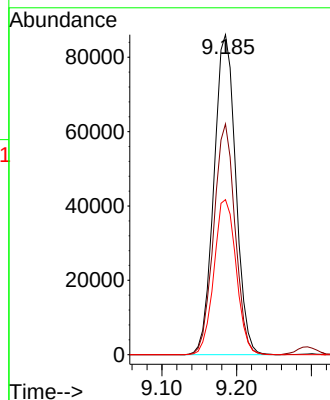
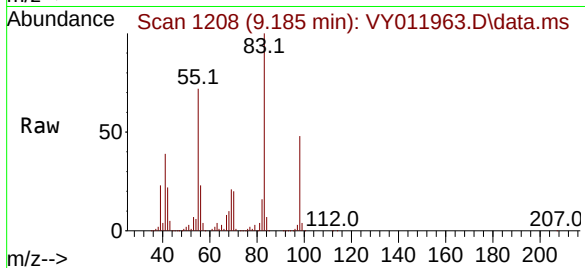
Tgt Ion: 83 Resp: 174335

Ion Ratio Lower Upper

83 100

55 72.1 58.2 87.2

98 48.4 38.6 58.0



#40

Benzene

Concen: 44.595 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011963.D

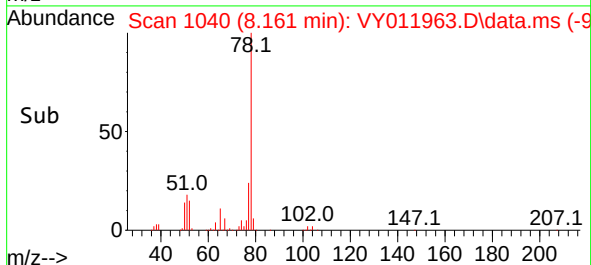
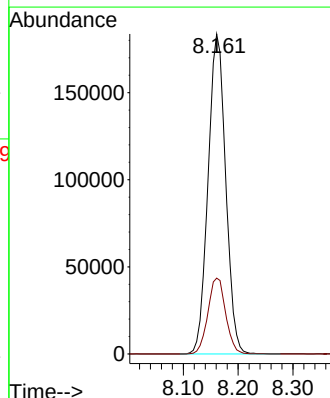
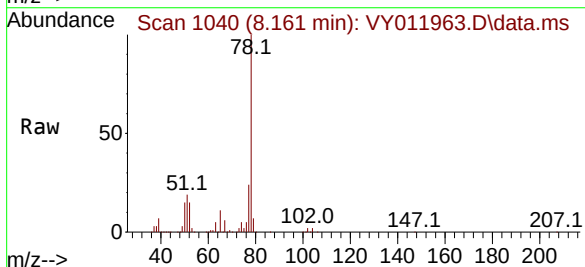
Acq: 22 Dec 2022 10:08

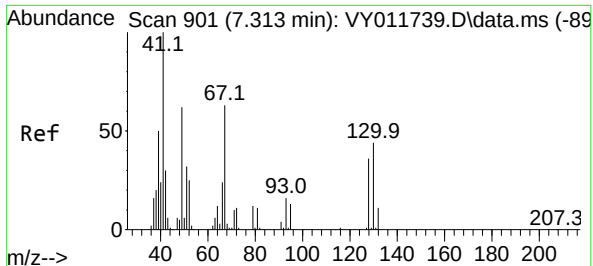
Tgt Ion: 78 Resp: 409256

Ion Ratio Lower Upper

78 100

77 23.7 18.6 27.8

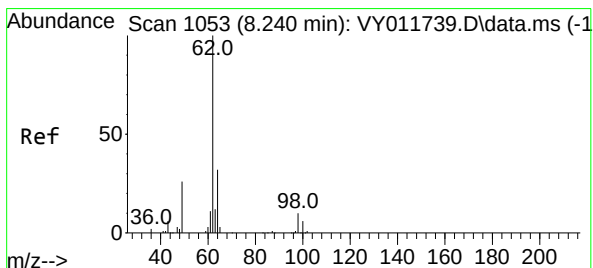
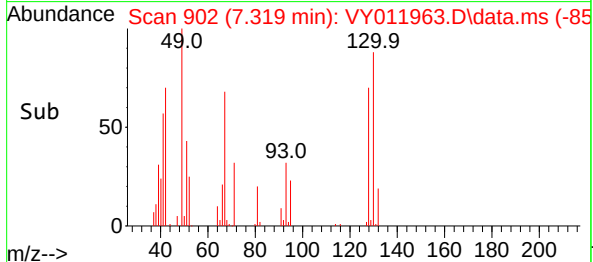
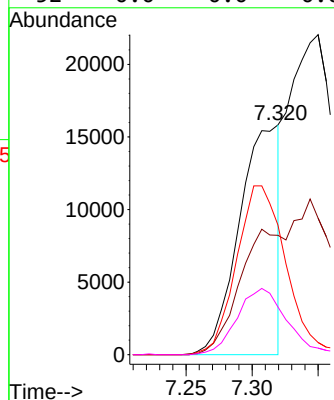
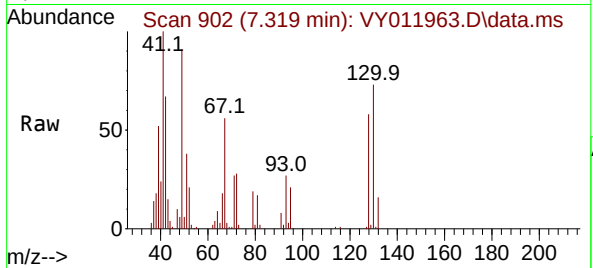




#41
Methacrylonitrile
Concen: 48.218 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

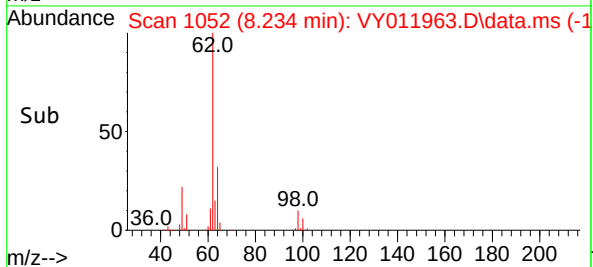
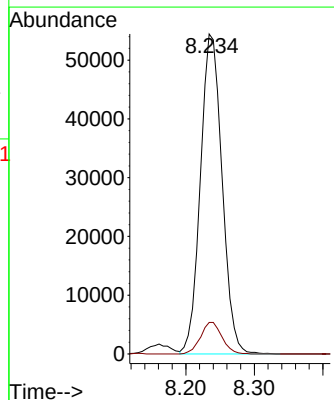
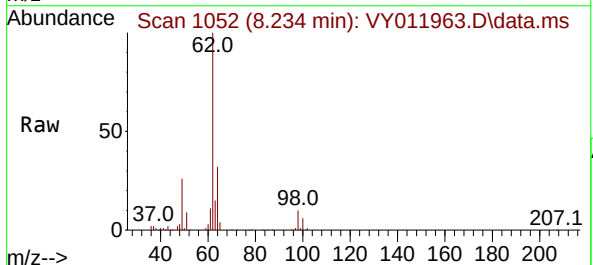
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

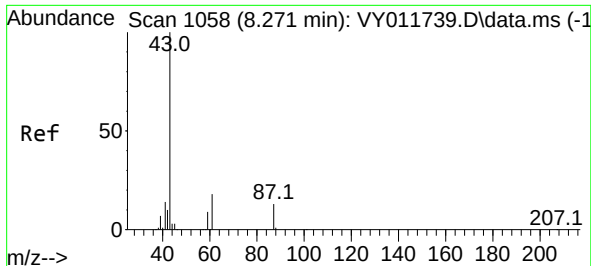
Tgt Ion: 41 Resp: 33547
Ion Ratio Lower Upper
41 100
39 71.4 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 45.422 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 62 Resp: 120001
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6





#43

Isopropyl Acetate

Concen: 46.033 ug/l

RT: 8.271 min Scan# 11058

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

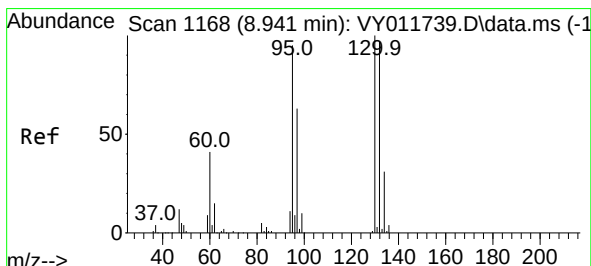
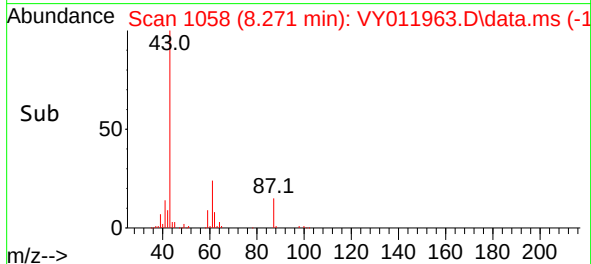
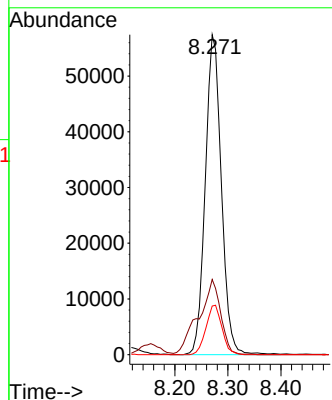
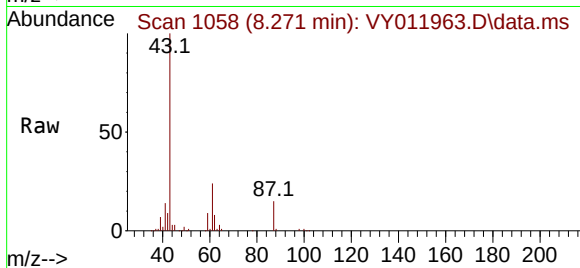
Tgt Ion: 43 Resp: 120959

Ion Ratio Lower Upper

43 100

61 32.4 24.4 36.6

87 15.4 11.4 17.2



#44

Trichloroethene

Concen: 44.468 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY011963.D

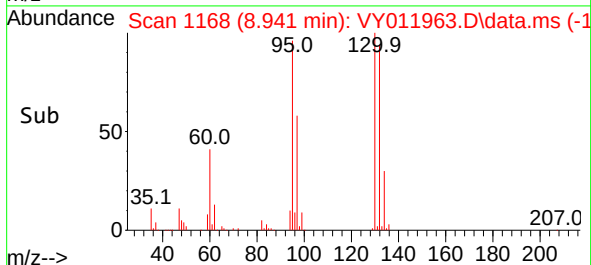
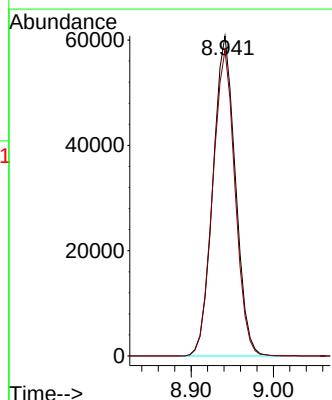
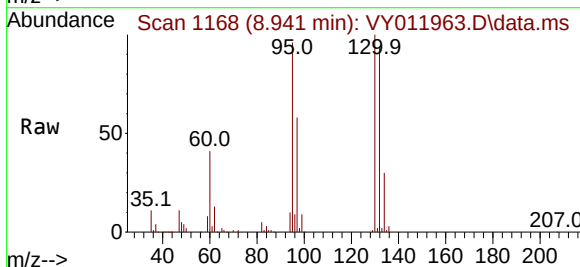
Acq: 22 Dec 2022 10:08

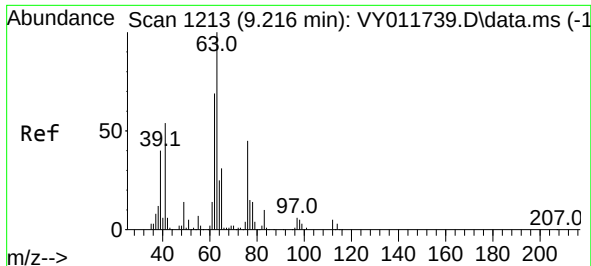
Tgt Ion:130 Resp: 115028

Ion Ratio Lower Upper

130 100

95 95.5 0.0 190.6





#45

1,2-Dichloropropane

Concen: 44.577 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

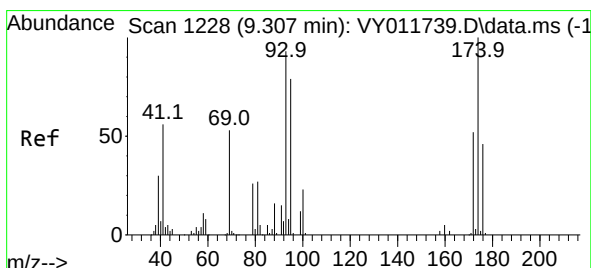
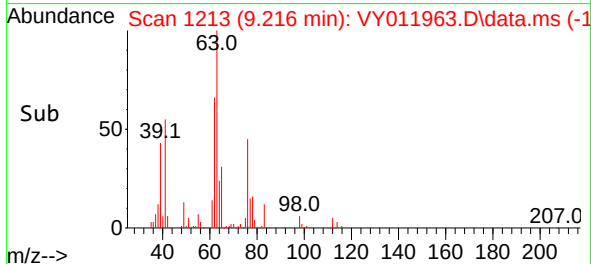
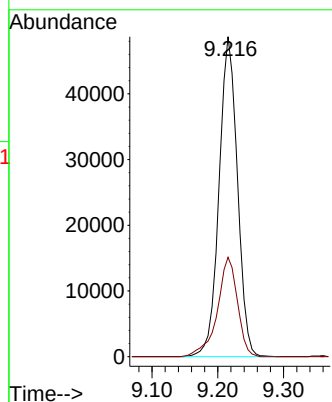
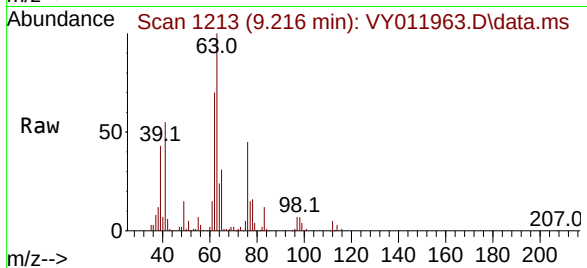
VSTDCCC050

Tgt Ion: 63 Resp: 94522

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



#46

Dibromomethane

Concen: 45.779 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

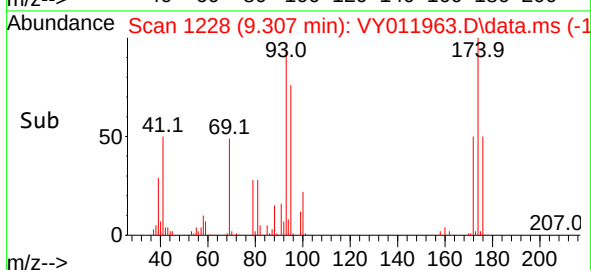
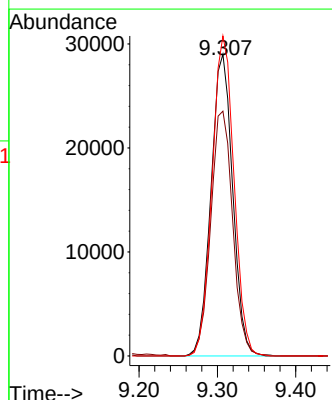
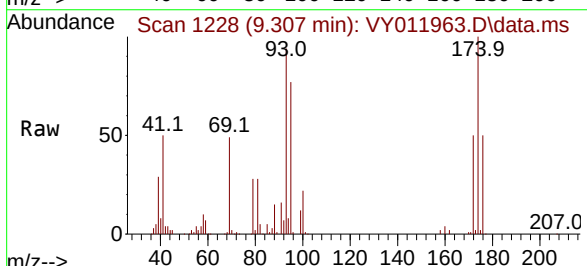
Tgt Ion: 93 Resp: 55914

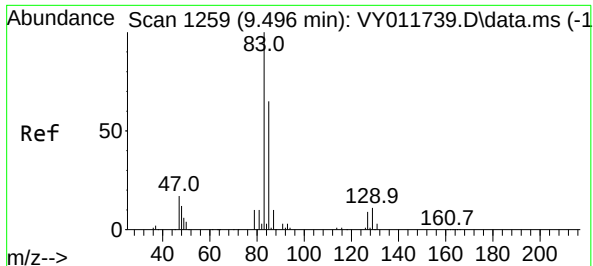
Ion Ratio Lower Upper

93 100

95 82.1 66.1 99.1

174 107.1 84.7 127.1

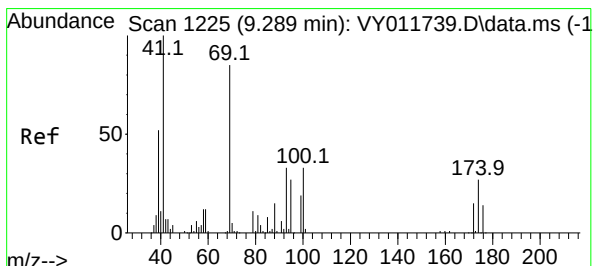
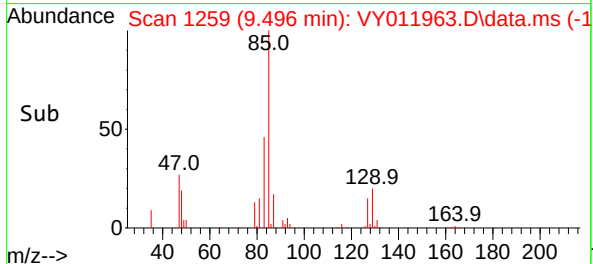
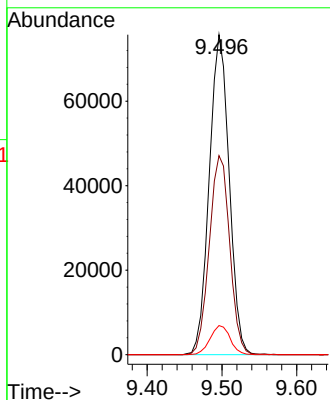
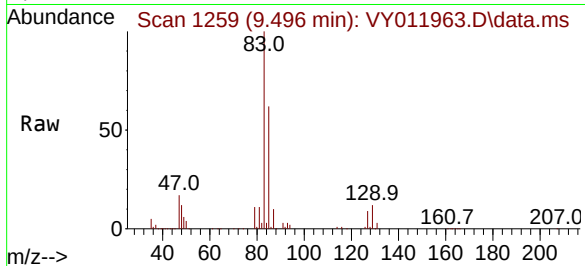




#47
Bromodichloromethane
Concen: 45.227 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

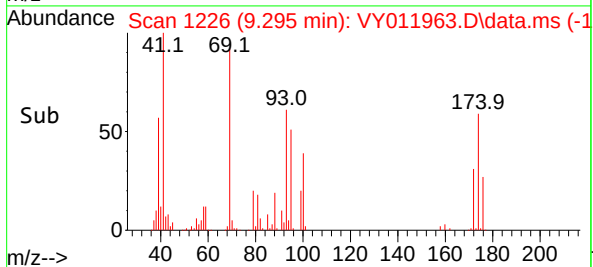
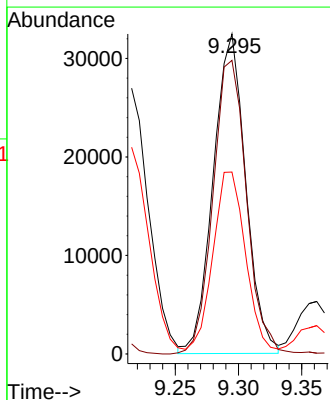
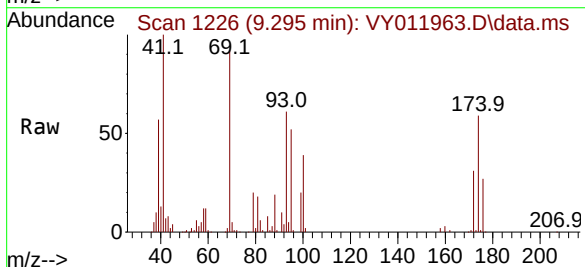
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

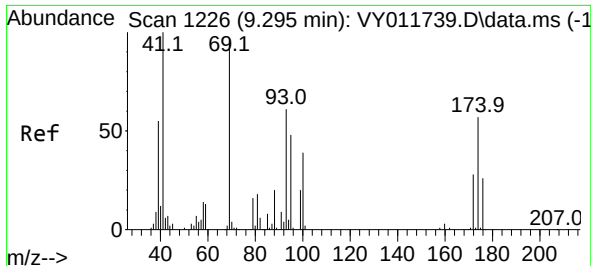
Tgt Ion: 83 Resp: 140142
Ion Ratio Lower Upper
83 100
85 62.2 52.0 78.0
127 9.1 7.3 10.9



#48
Methyl methacrylate
Concen: 47.600 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 41 Resp: 57912
Ion Ratio Lower Upper
41 100
69 95.0 74.2 111.2
39 54.8 46.3 69.5





#49

1,4-Dioxane

Concen: 1017.990 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

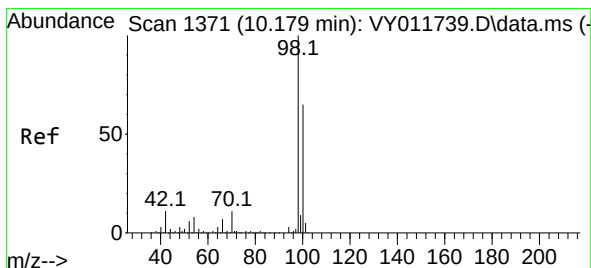
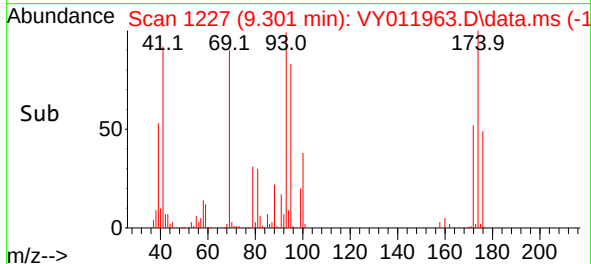
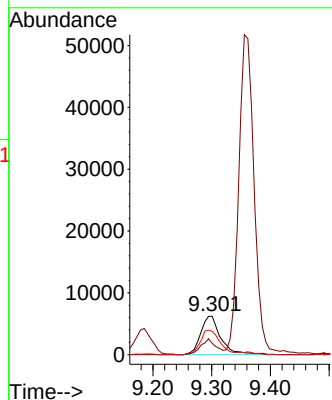
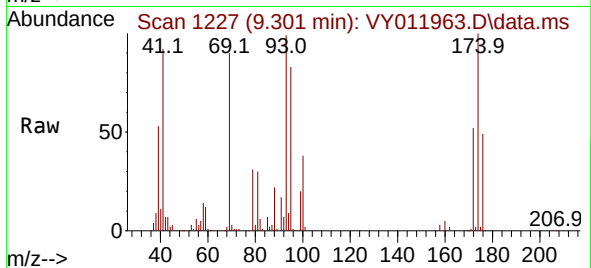
Tgt Ion: 88 Resp: 14845

Ion Ratio Lower Upper

88 100

43 30.9 26.2 39.2

58 61.7 54.3 81.5



#50

Toluene-d8

Concen: 51.000 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011963.D

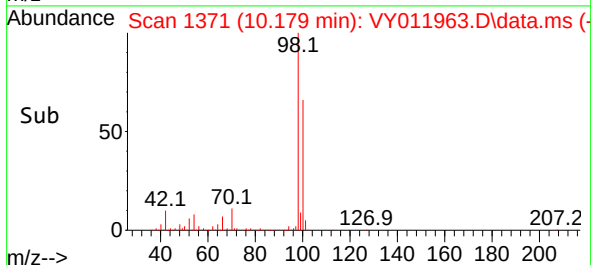
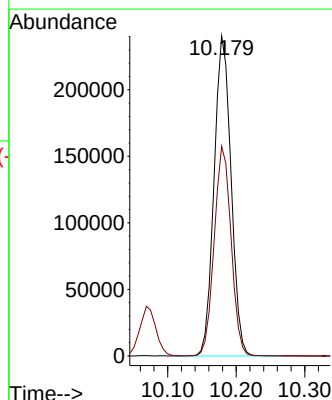
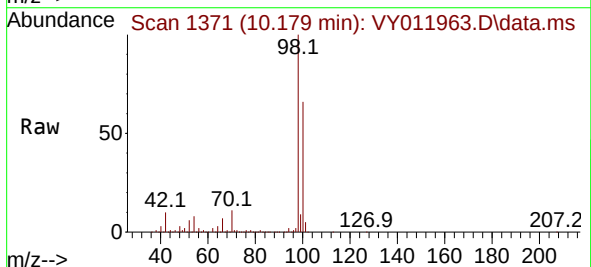
Acq: 22 Dec 2022 10:08

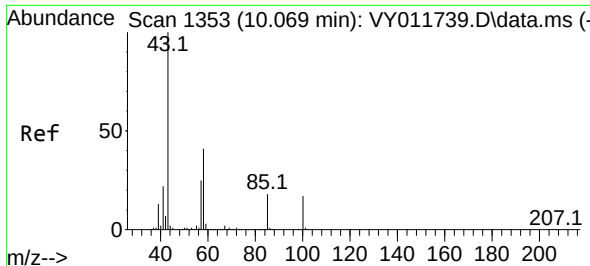
Tgt Ion: 98 Resp: 413681

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

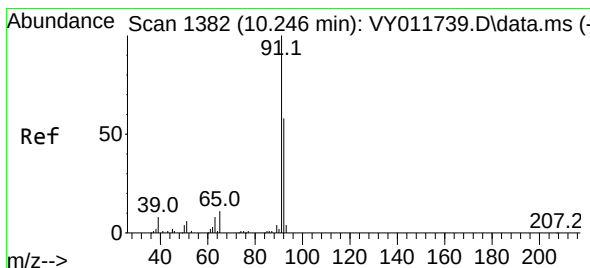
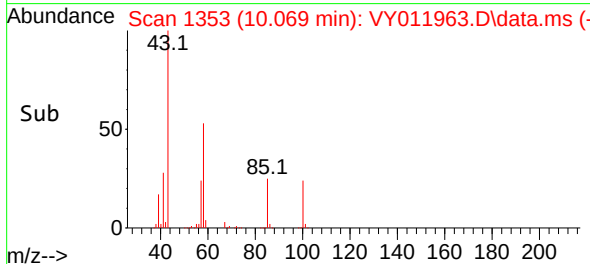
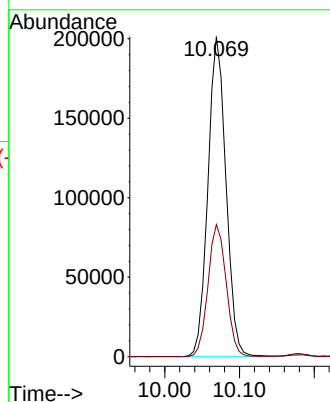
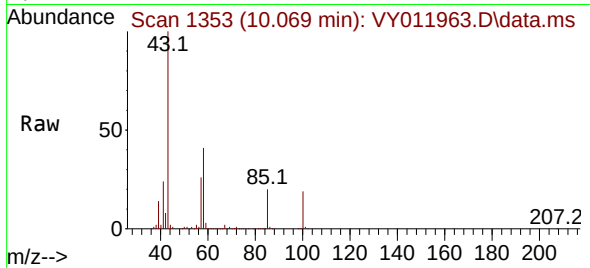




#51
4-Methyl-2-Pentanone
Concen: 240.944 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

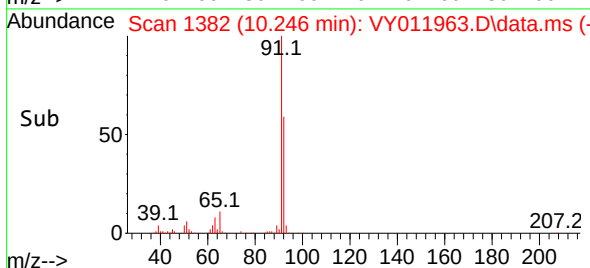
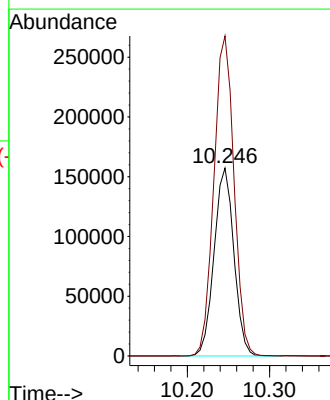
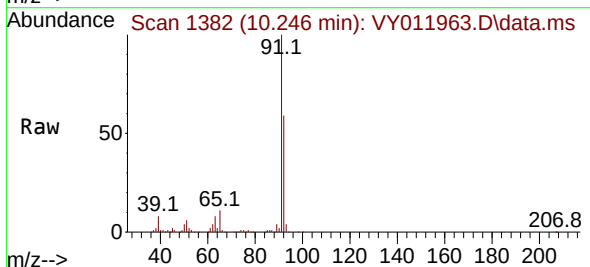
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

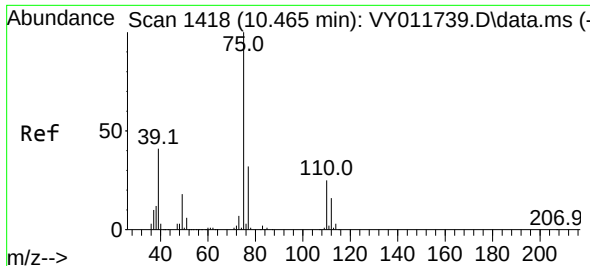
Tgt Ion: 43 Resp: 337592
Ion Ratio Lower Upper
43 100
58 41.7 32.9 49.3



#52
Toluene
Concen: 44.991 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 92 Resp: 263065
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.0

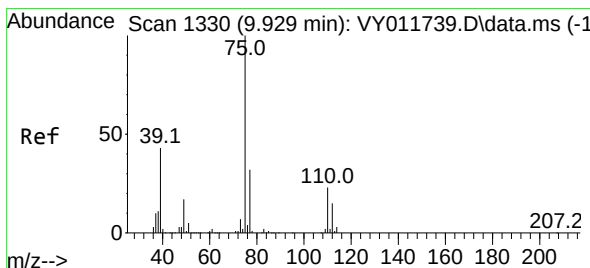
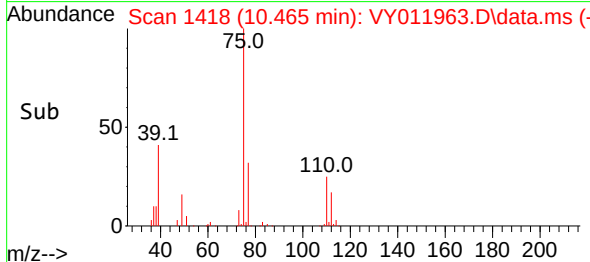
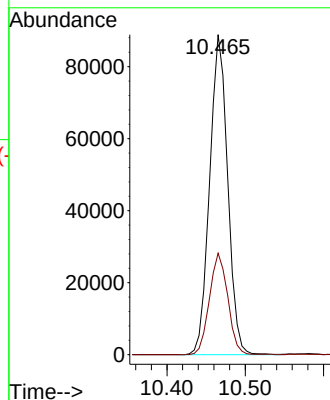
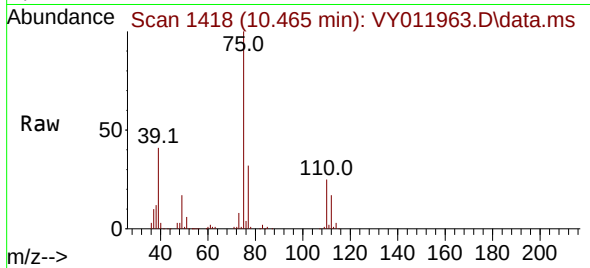




#53
 t-1,3-Dichloropropene
 Concen: 45.316 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

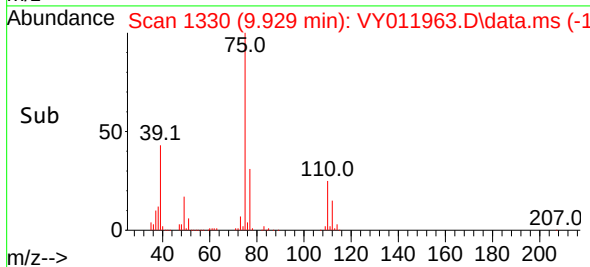
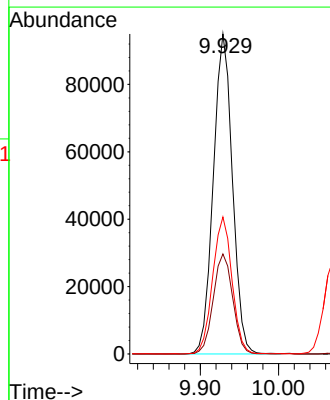
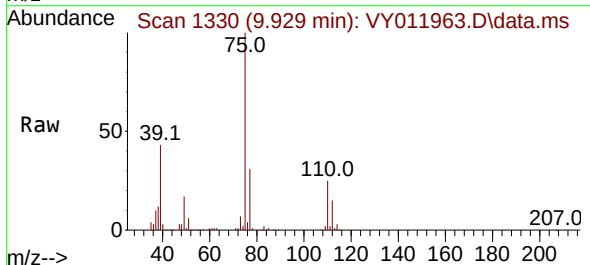
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

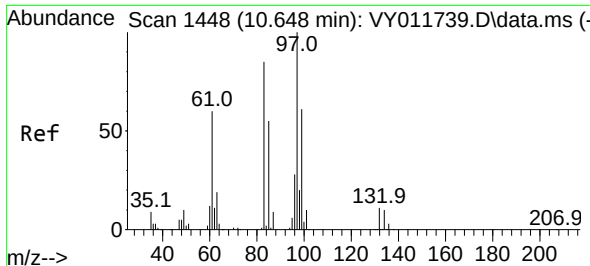
Tgt Ion: 75 Resp: 141887
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 45.733 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

Tgt Ion: 75 Resp: 160954
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.9 38.9
 39 42.8 34.6 52.0

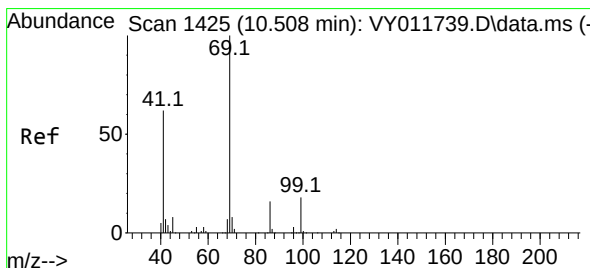
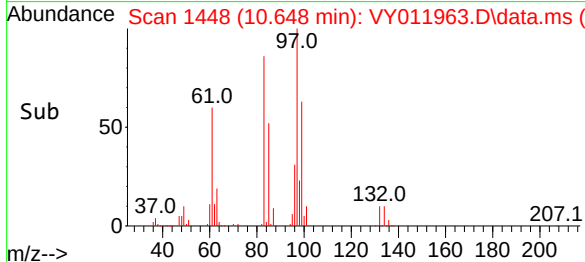
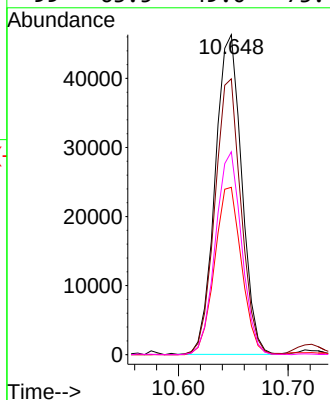
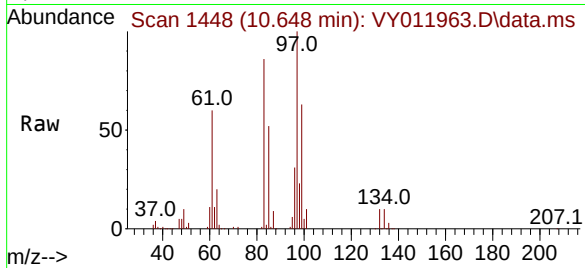




#55
1,1,2-Trichloroethane
Concen: 44.964 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

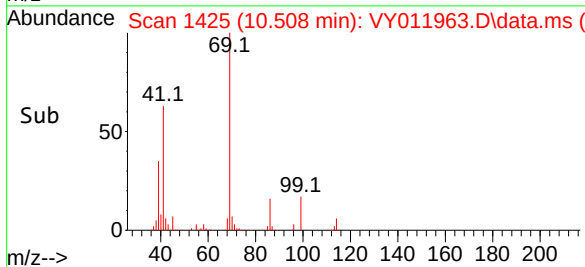
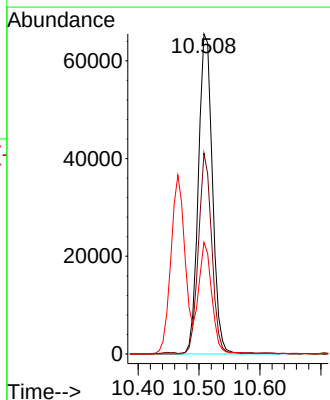
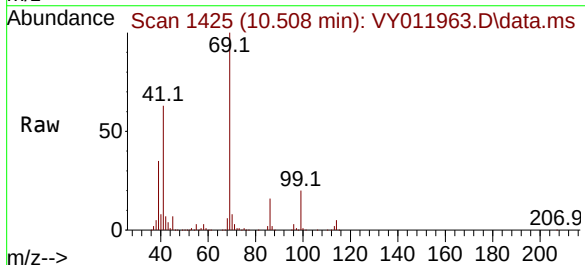
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

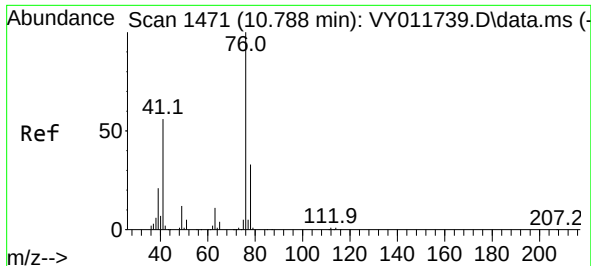
Tgt Ion: 97	Resp: 77934
Ion Ratio	Lower Upper
97 100	
83 86.3	67.7 101.5
85 52.3	43.8 65.8
99 63.5	49.0 73.4



#56
Ethyl methacrylate
Concen: 47.909 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 69	Resp: 105134
Ion Ratio	Lower Upper
69 100	
41 58.9	48.9 73.3
39 32.2	25.9 38.9





#57

1,3-Dichloropropane

Concen: 46.013 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

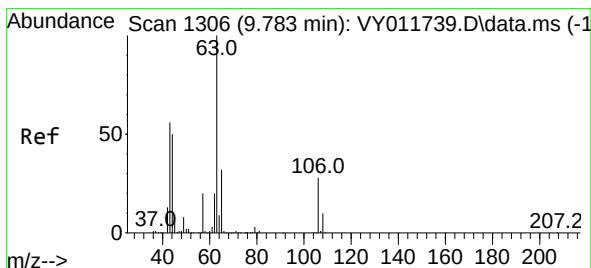
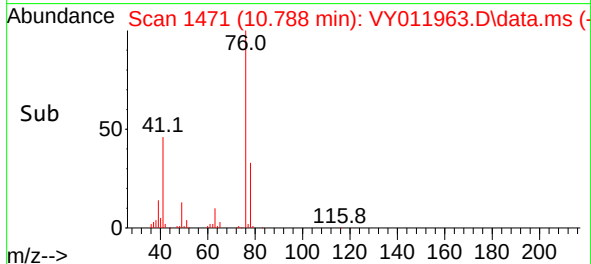
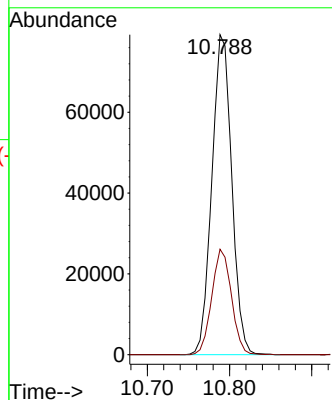
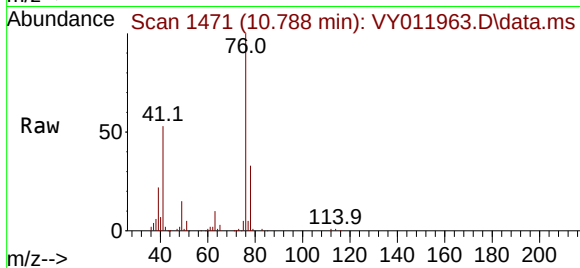
VSTDCCC050

Tgt Ion: 76 Resp: 133090

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 264.560 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011963.D

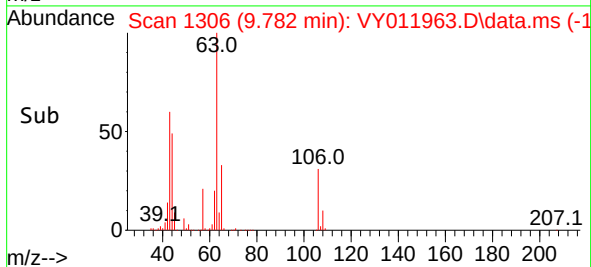
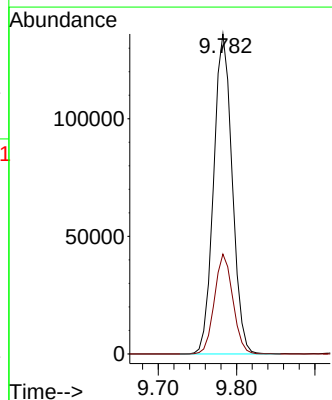
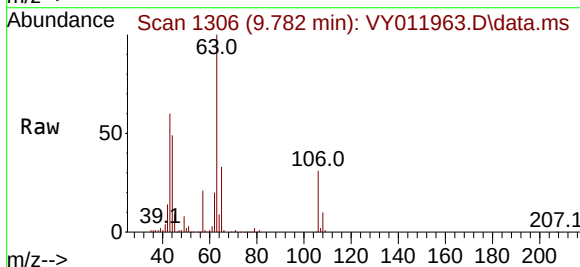
Acq: 22 Dec 2022 10:08

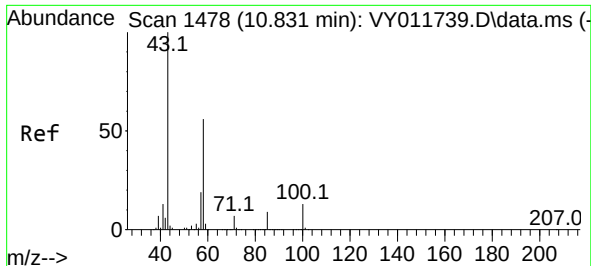
Tgt Ion: 63 Resp: 224027

Ion Ratio Lower Upper

63 100

106 30.8 23.2 34.8

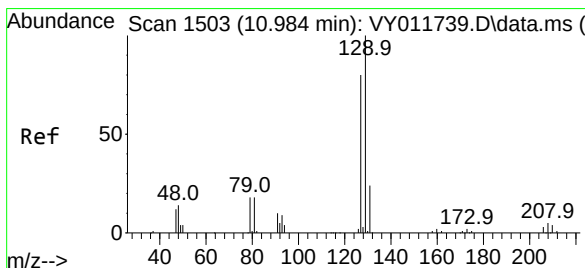
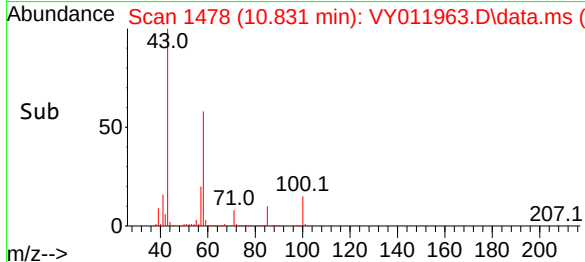
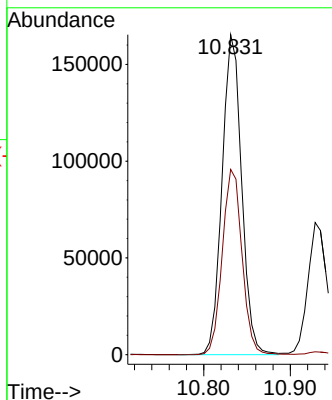
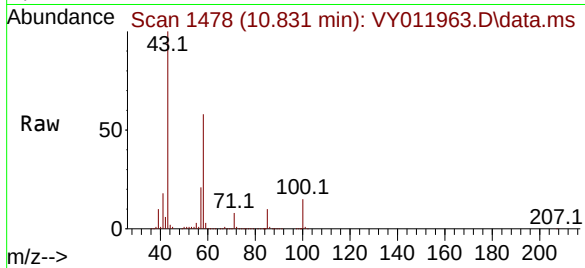




#59
2-Hexanone
Concen: 251.657 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

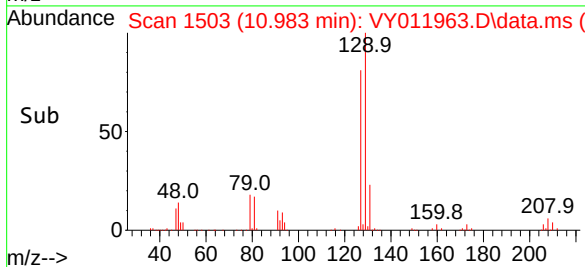
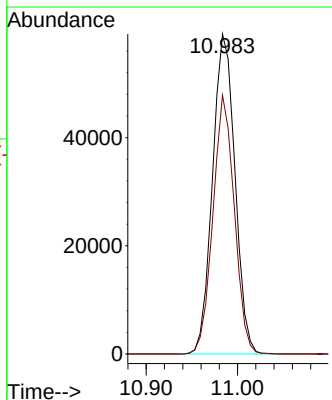
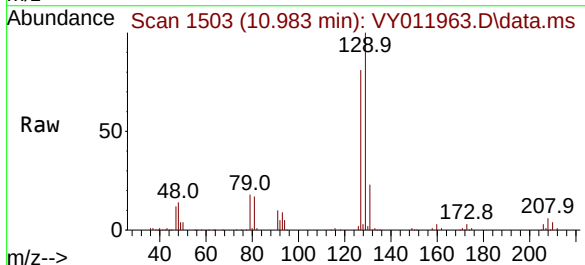
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

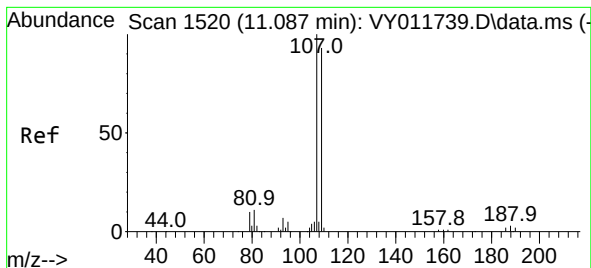
Tgt Ion: 43 Resp: 259402
Ion Ratio Lower Upper
43 100
58 58.4 28.4 85.2



#60
Dibromochloromethane
Concen: 46.187 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion:129 Resp: 100846
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6

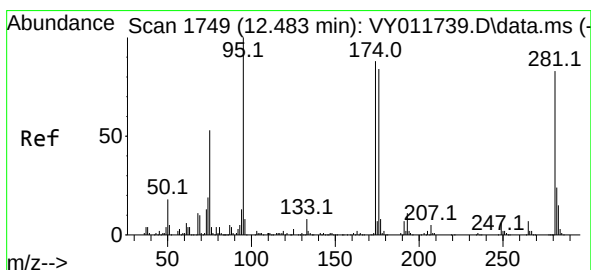
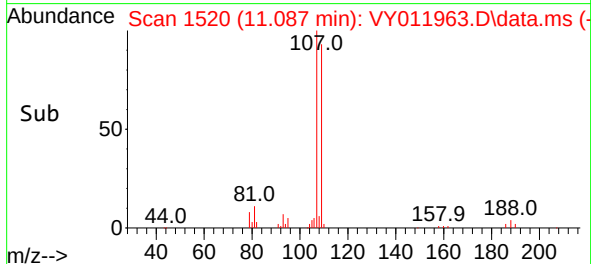
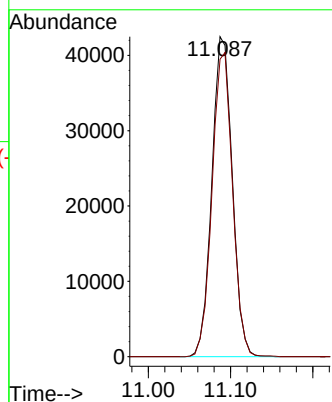
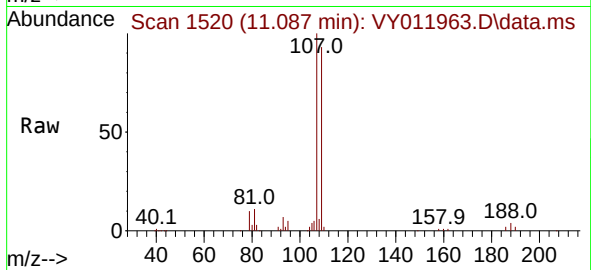




#61
1,2-Dibromoethane
Concen: 45.280 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

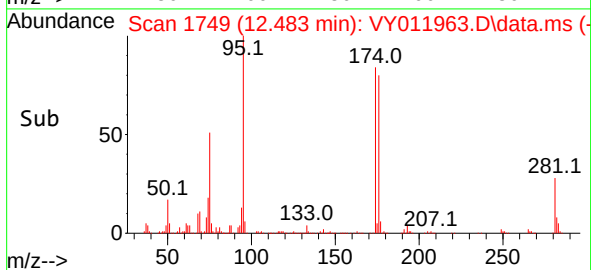
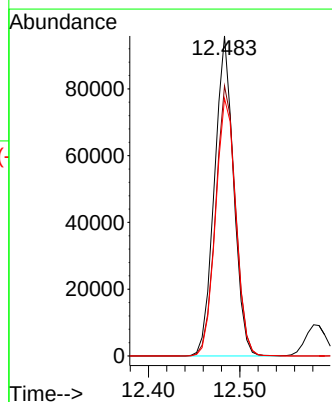
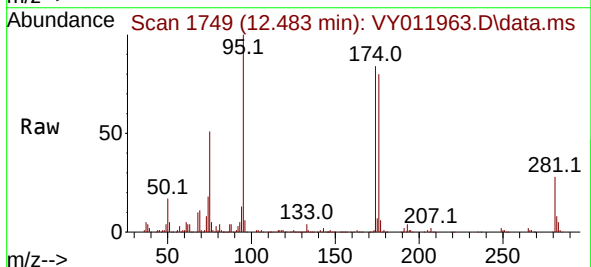
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

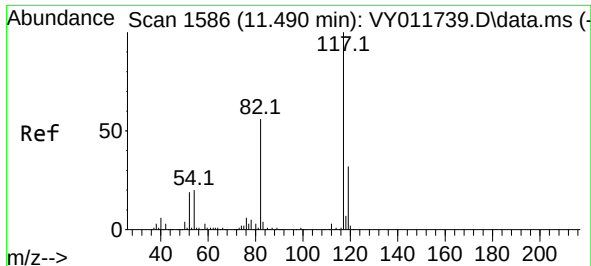
Tgt Ion:107 Resp: 73424
Ion Ratio Lower Upper
107 100
109 95.2 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 51.145 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 95 Resp: 139525
Ion Ratio Lower Upper
95 100
174 88.3 0.0 172.0
176 85.0 0.0 167.6

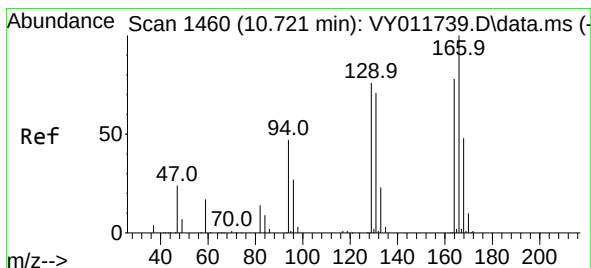
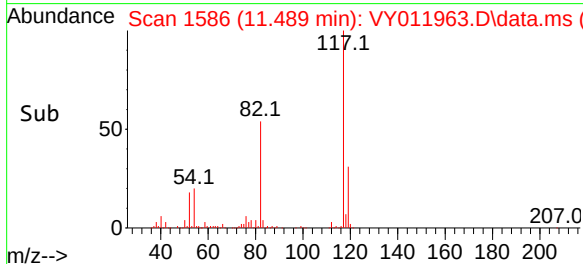
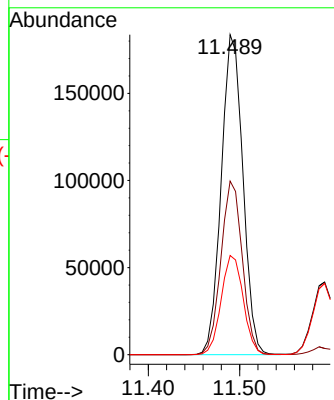
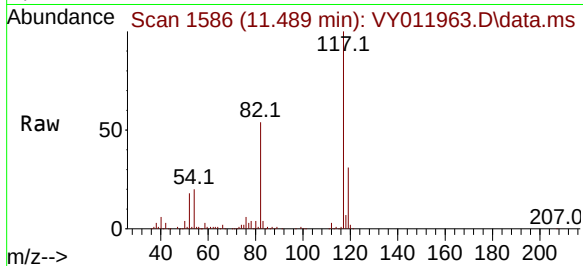




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

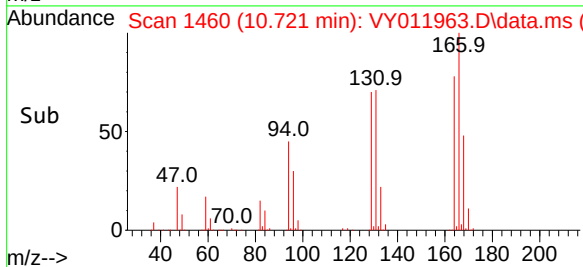
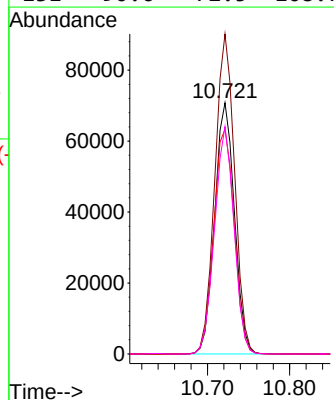
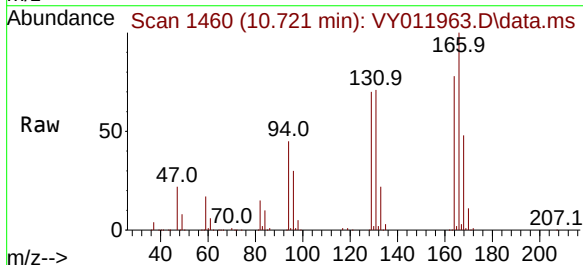
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

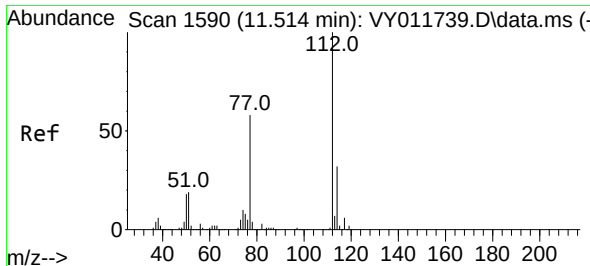
Tgt Ion:117 Resp: 302567
Ion Ratio Lower Upper
117 100
82 54.3 44.8 67.2
119 31.0 25.4 38.2



#64
Tetrachloroethene
Concen: 44.842 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion:164 Resp: 118759
Ion Ratio Lower Upper
164 100
166 127.4 102.3 153.5
129 89.6 77.2 115.8
131 90.6 72.5 108.7

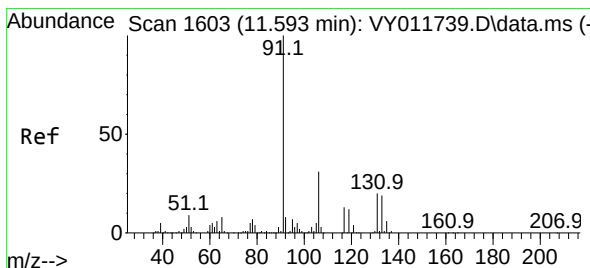
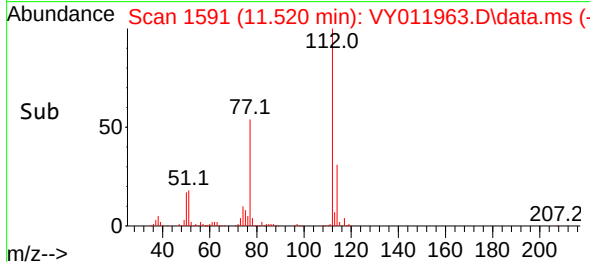
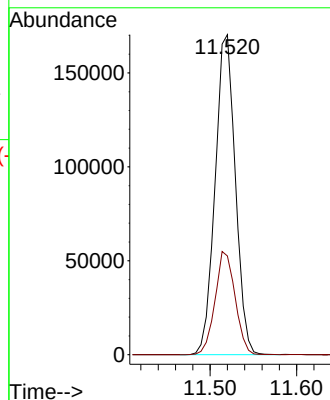
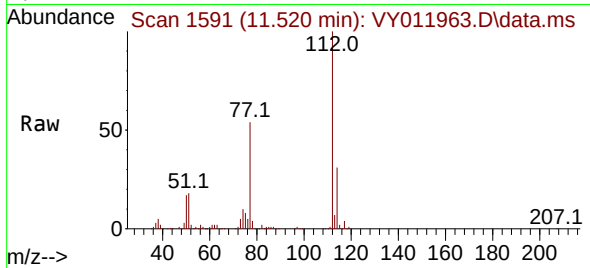




#65
Chlorobenzene
Concen: 43.993 ug/l
RT: 11.520 min Scan# 11520
Delta R.T. 0.006 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

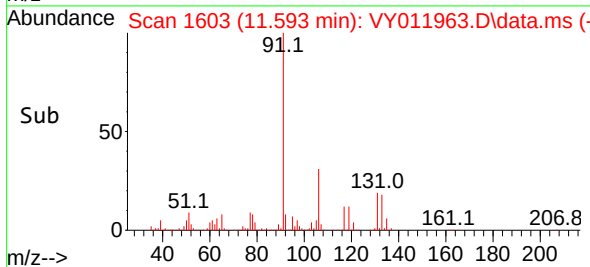
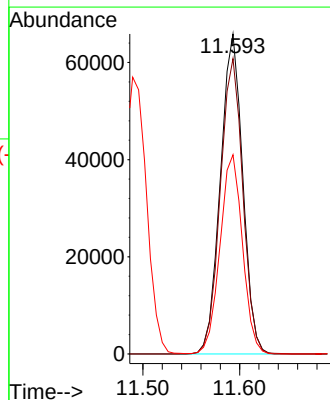
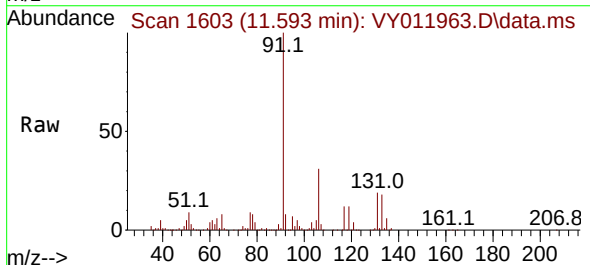
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

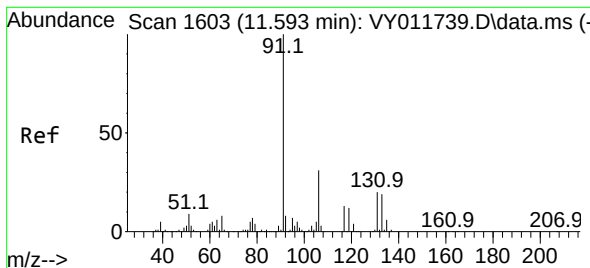
Tgt Ion:112 Resp: 276380
Ion Ratio Lower Upper
112 100
114 30.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 45.052 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion:131 Resp: 105305
Ion Ratio Lower Upper
131 100
133 93.3 47.3 142.0
119 62.8 32.1 96.3

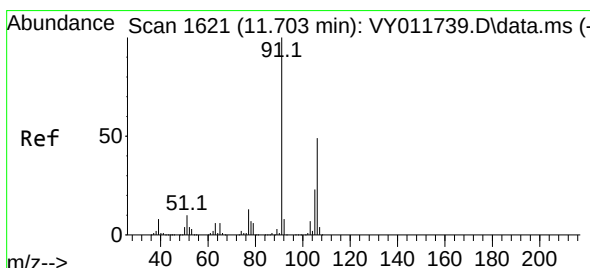
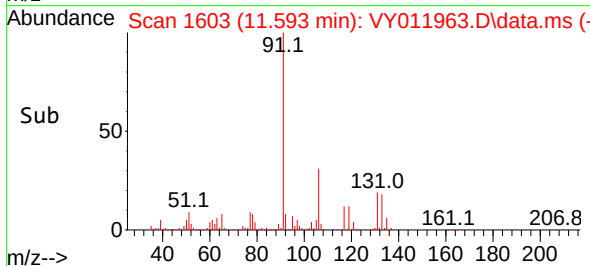
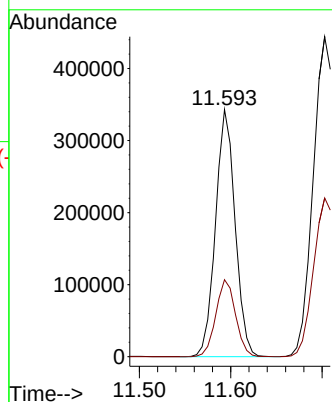
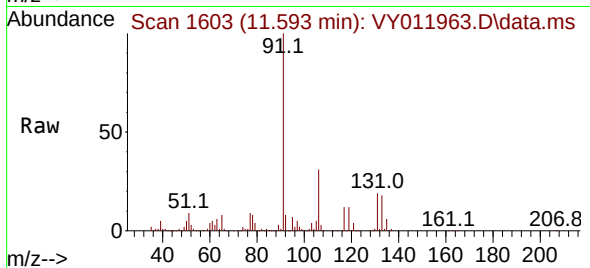




#67
Ethyl Benzene
Concen: 44.943 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

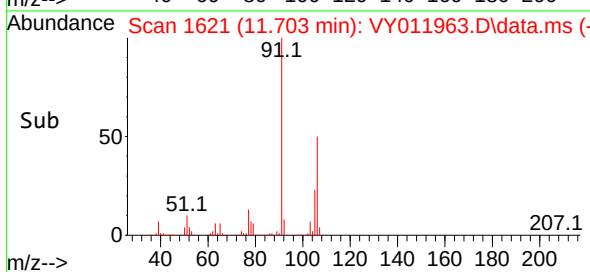
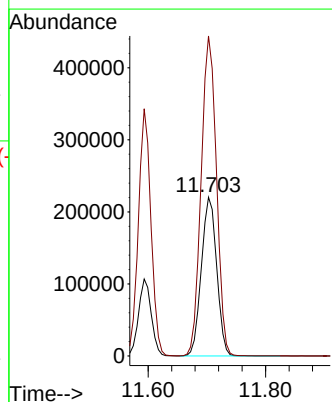
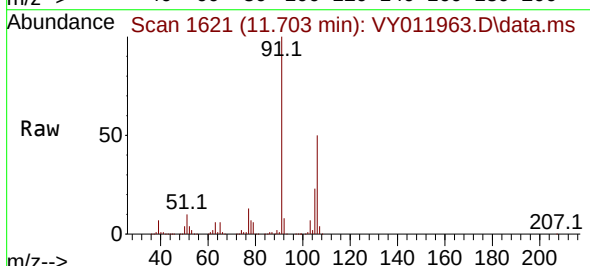
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

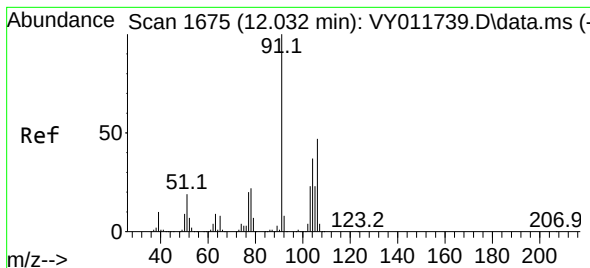
Tgt Ion: 91 Resp: 510371
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4



#68
m/p-Xylenes
Concen: 90.412 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion:106 Resp: 399298
Ion Ratio Lower Upper
106 100
91 201.5 162.5 243.7

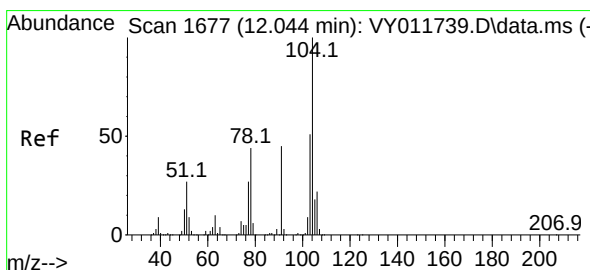
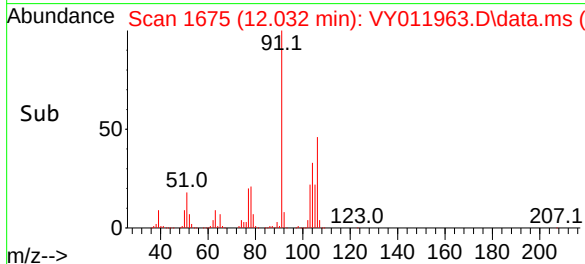
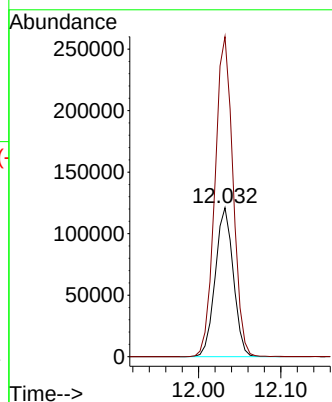
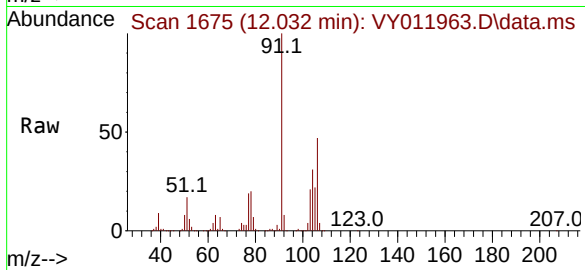




#69
o-Xylene
Concen: 45.006 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

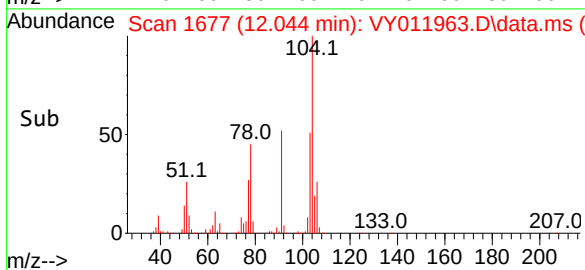
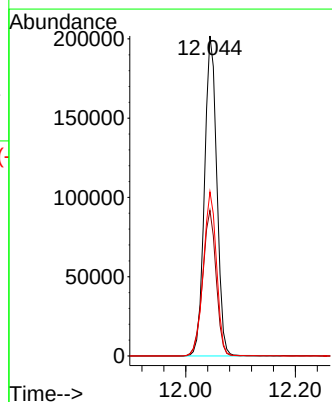
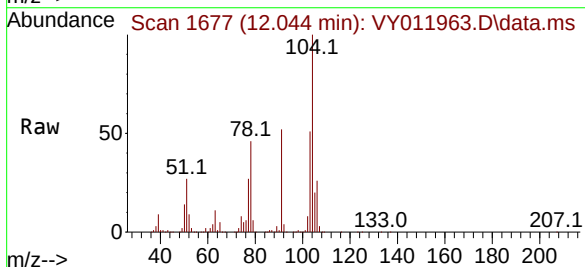
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

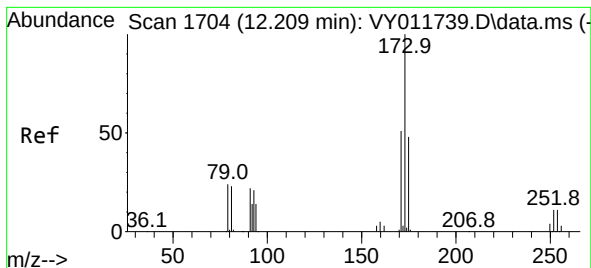
Tgt Ion:106 Resp: 184943
Ion Ratio Lower Upper
106 100
91 215.1 107.5 322.4



#70
Styrene
Concen: 45.566 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion:104 Resp: 314390
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.0
103 55.0 43.0 64.4





#71

Bromoform

Concen: 46.318 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

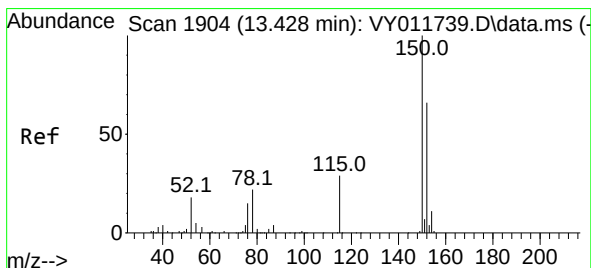
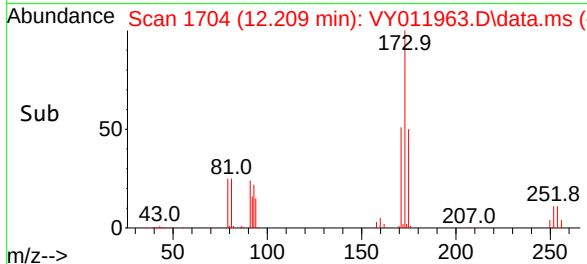
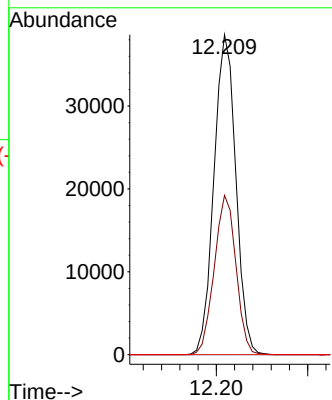
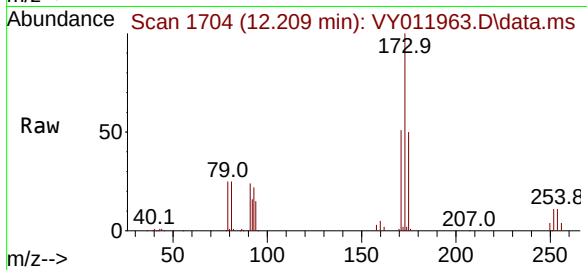
Tgt Ion:173 Resp: 64152

Ion Ratio Lower Upper

173 100

175 49.3 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: VY011963.D

Acq: 22 Dec 2022 10:08

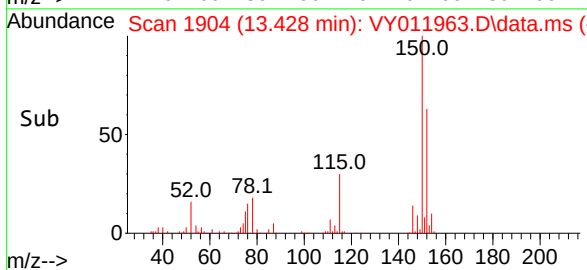
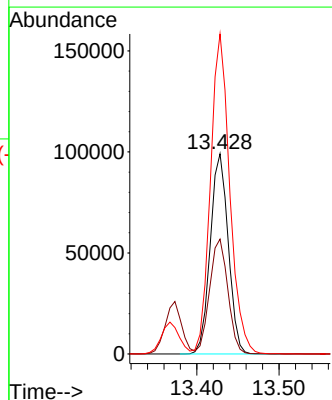
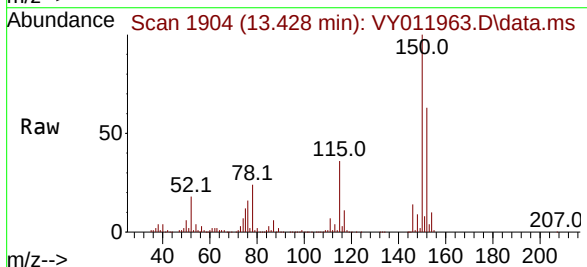
Tgt Ion:152 Resp: 150405

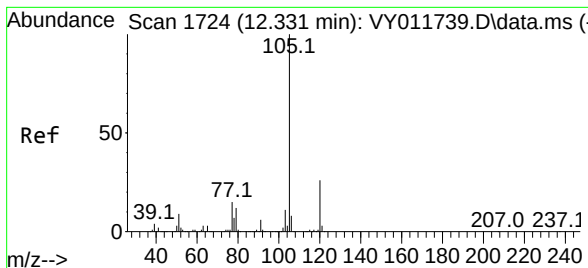
Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

150 171.9 0.0 342.6





#73

Isopropylbenzene

Concen: 44.956 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

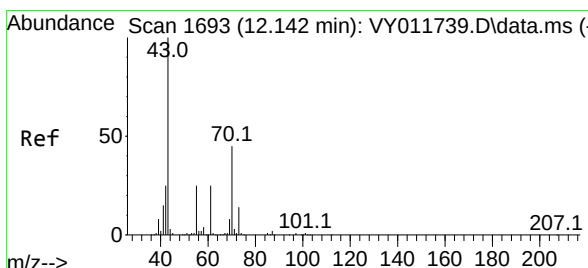
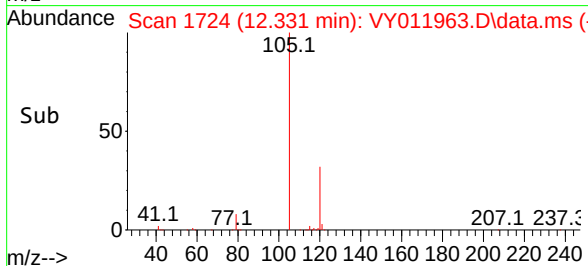
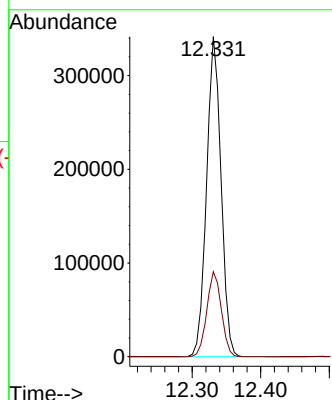
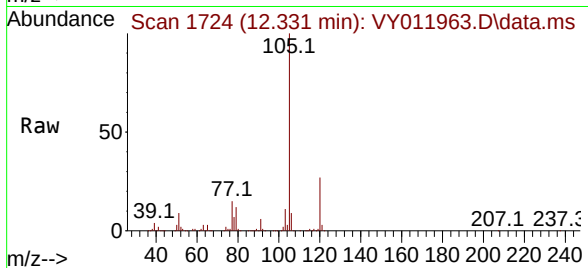
VSTDCCC050

Tgt Ion:105 Resp: 501748

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 46.462 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Tgt Ion: 43 Resp: 106311

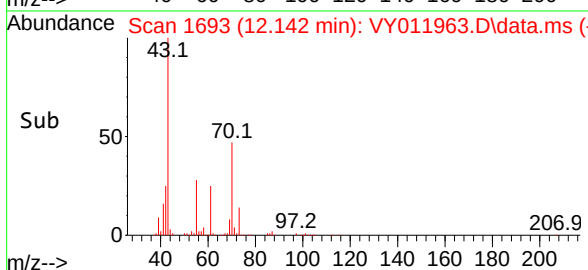
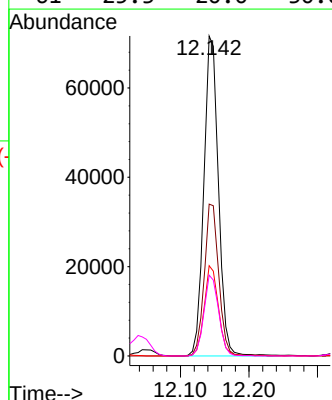
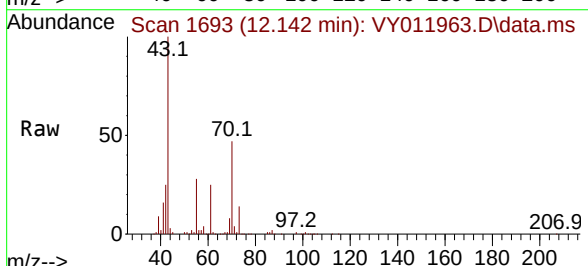
Ion Ratio Lower Upper

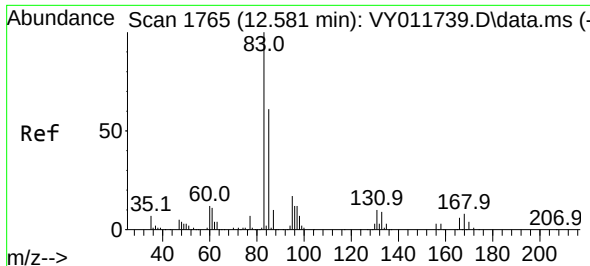
43 100

70 47.2 35.8 53.8

55 27.9 21.0 31.4

61 25.3 20.0 30.0

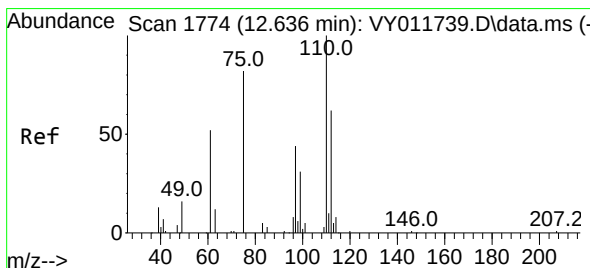
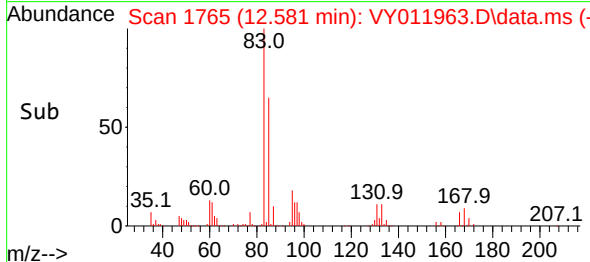
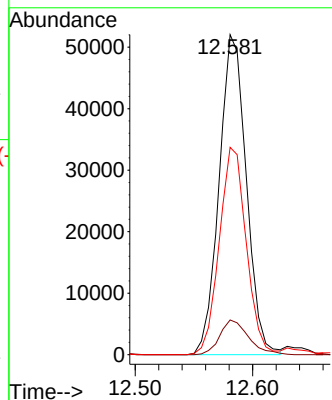
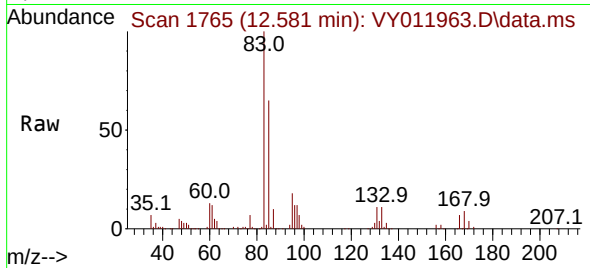




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.964 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

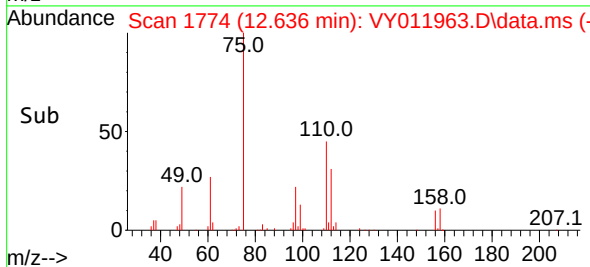
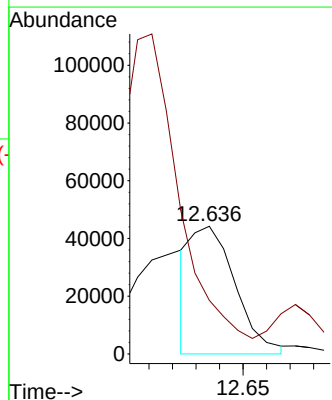
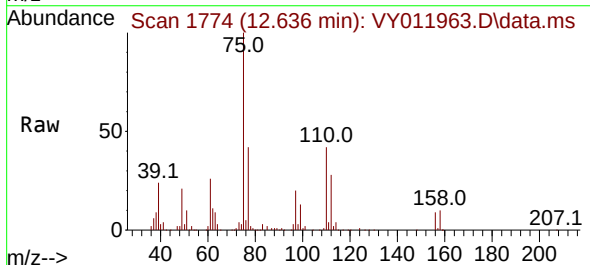
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

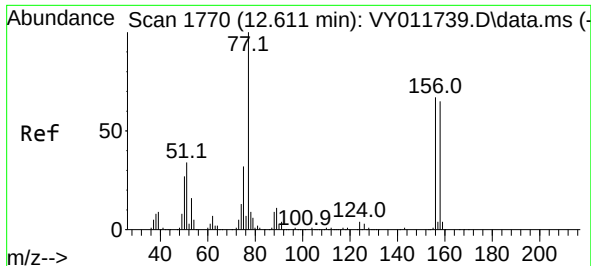
Tgt Ion: 83 Resp: 83719
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.6 16.8
 85 64.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 31.207 ug/l m
 RT: 12.636 min Scan# 1774
 Delta R.T. -0.000 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

Tgt Ion: 75 Resp: 58406
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

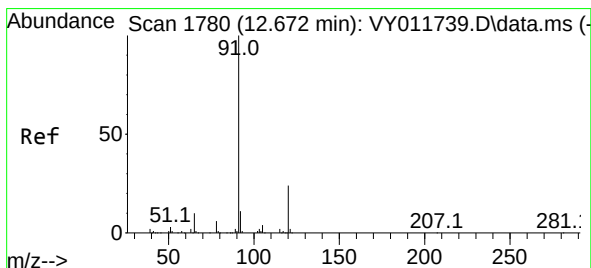
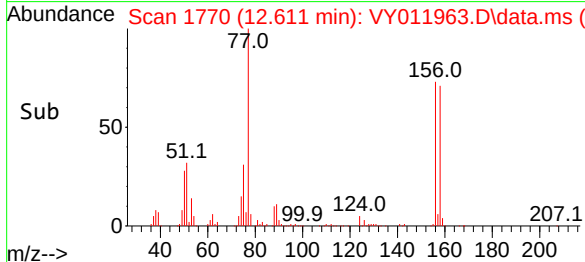
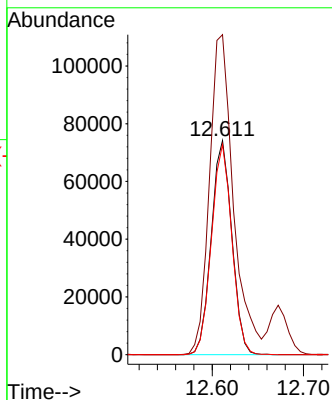
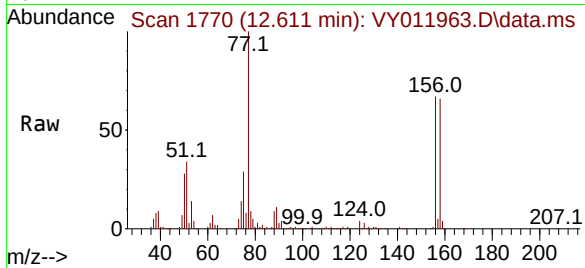




#77
Bromobenzene
Concen: 44.920 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

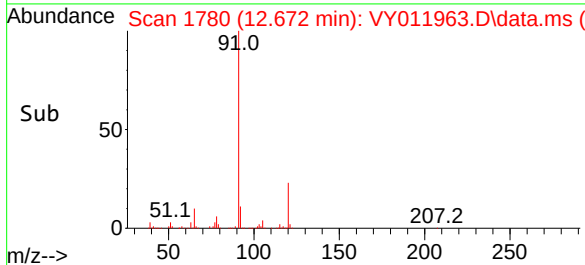
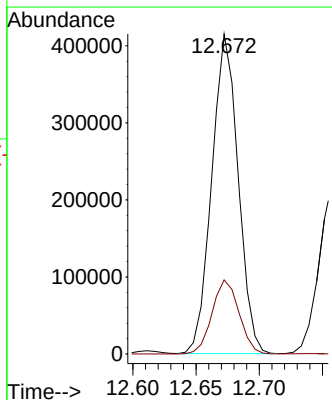
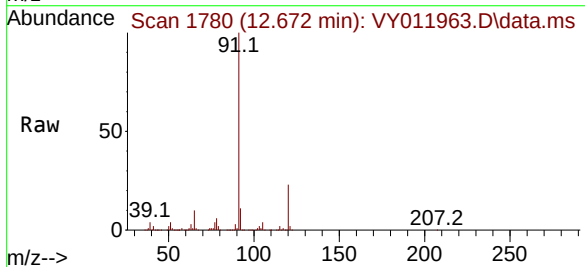
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

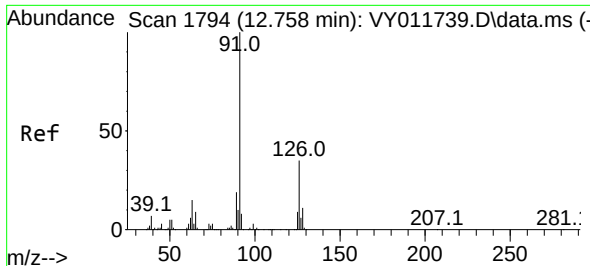
Tgt Ion:156 Resp: 115987
Ion Ratio Lower Upper
156 100
77 174.0 90.0 270.0
158 97.5 48.4 145.2



#78
n-propylbenzene
Concen: 44.888 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 91 Resp: 602201
Ion Ratio Lower Upper
91 100
120 23.6 11.8 35.4

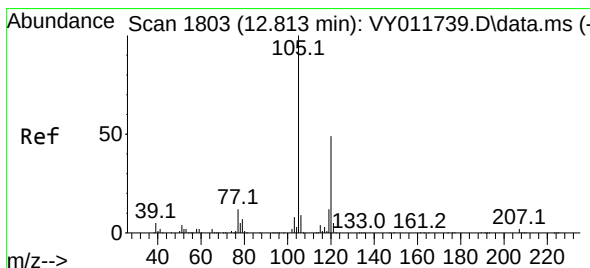
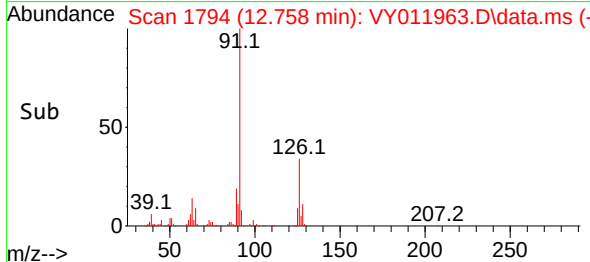
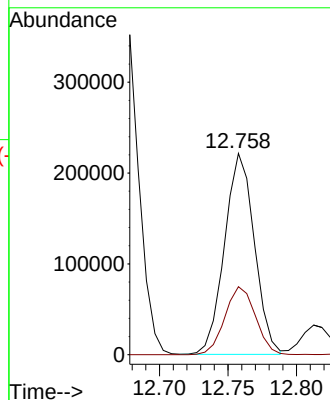
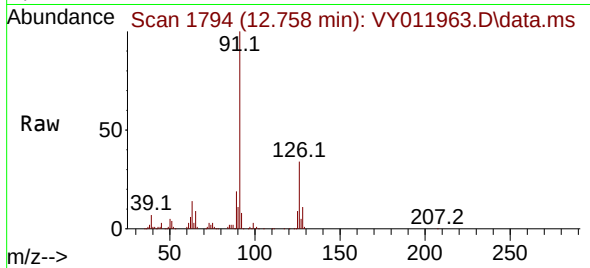




#79
2-Chlorotoluene
Concen: 44.562 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

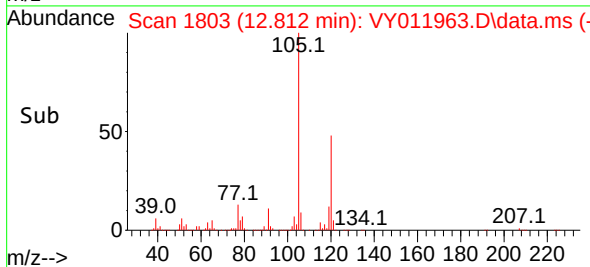
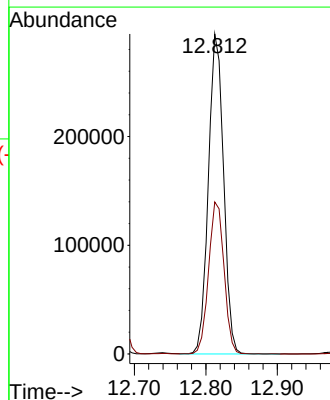
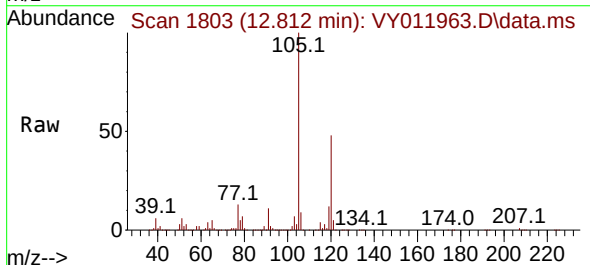
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

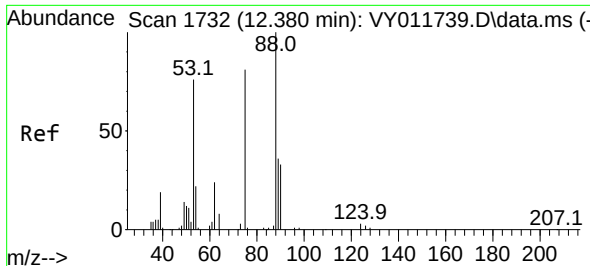
Tgt Ion: 91 Resp: 336046
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 45.346 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 105 Resp: 433311
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6

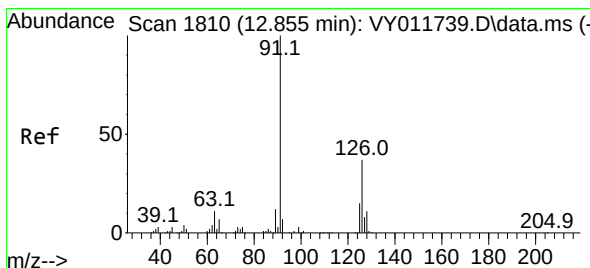
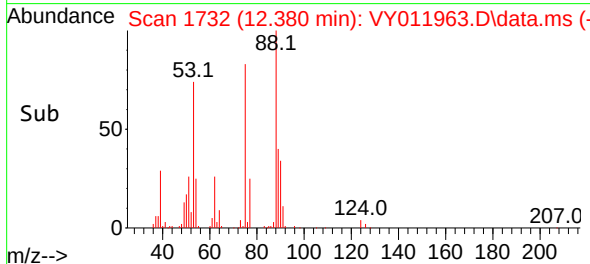
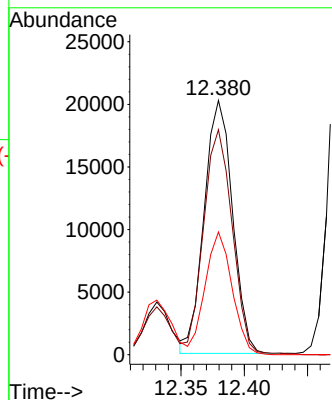
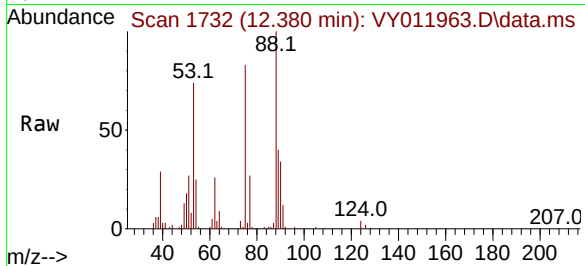




#81
trans-1,4-Dichloro-2-butene
Concen: 46.184 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

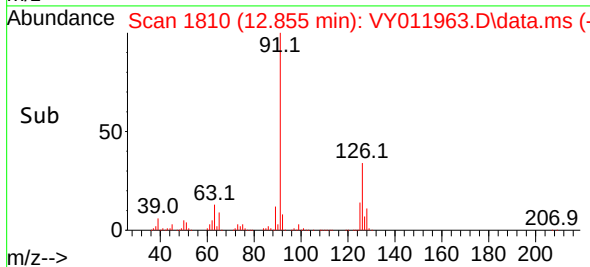
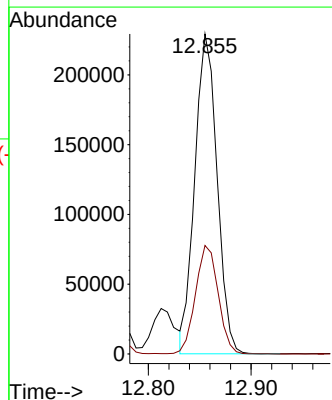
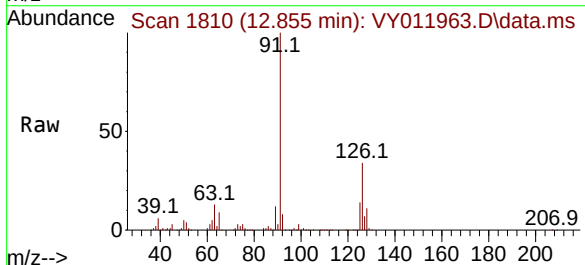
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

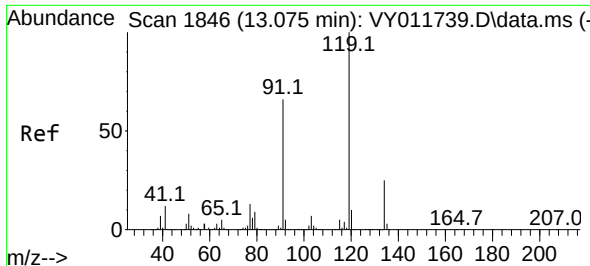
Tgt Ion: 75 Resp: 31563
Ion Ratio Lower Upper
75 100
53 90.5 72.5 108.7
89 45.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 44.235 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 91 Resp: 345147
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2



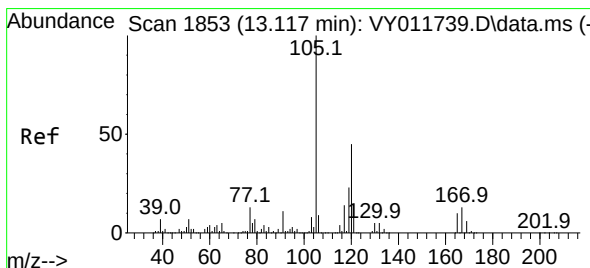
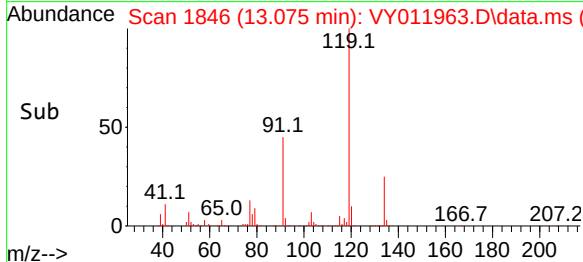
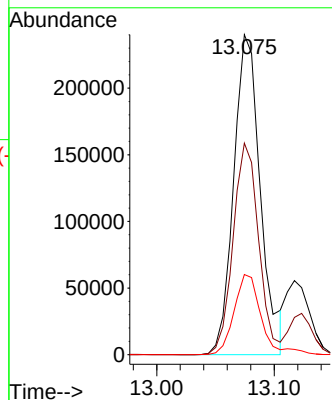
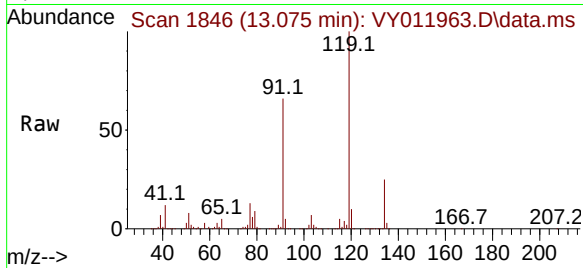


#83
 tert-Butylbenzene
 Concen: 46.762 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 378701

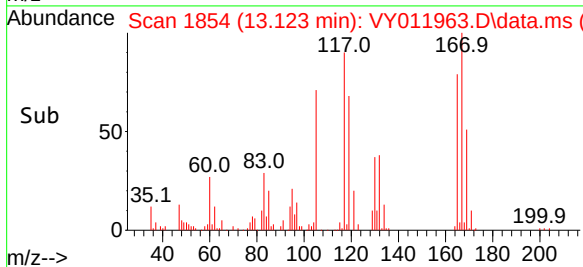
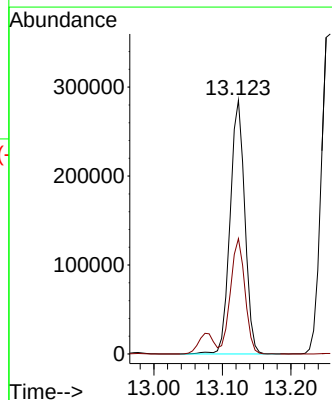
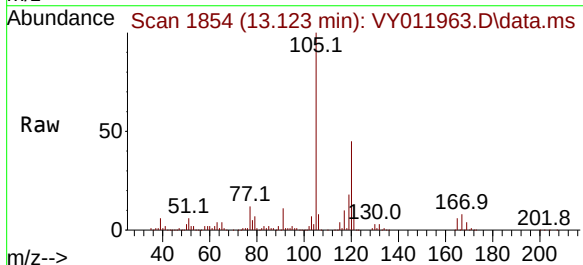
Ion	Ratio	Lower	Upper
119	100		
91	63.5	32.3	96.8
134	25.5	13.0	39.0

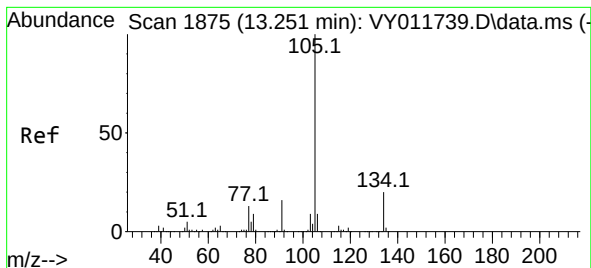


#84
 1,2,4-Trimethylbenzene
 Concen: 45.222 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

Tgt Ion:105 Resp: 425118

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.9	68.7





#85

sec-Butylbenzene

Concen: 45.026 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

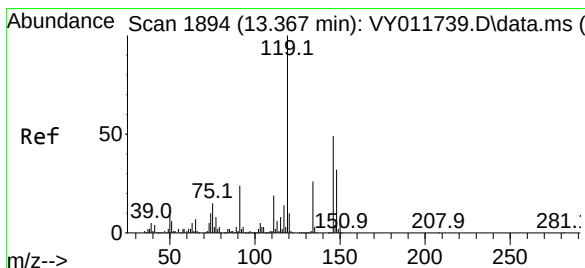
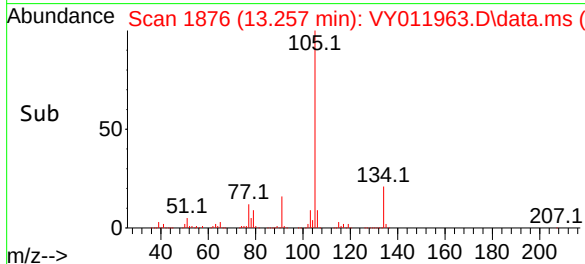
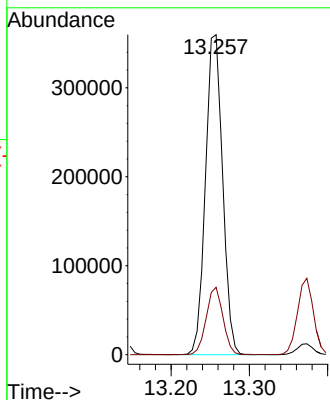
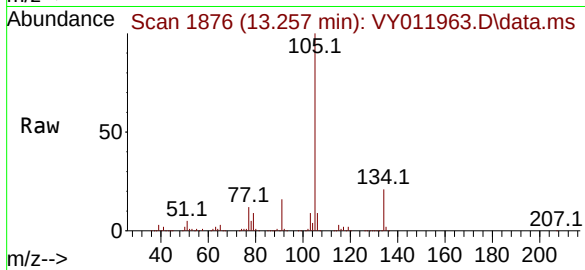
VSTDCCC050

Tgt Ion:105 Resp: 544493

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.3



#86

p-Isopropyltoluene

Concen: 45.349 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

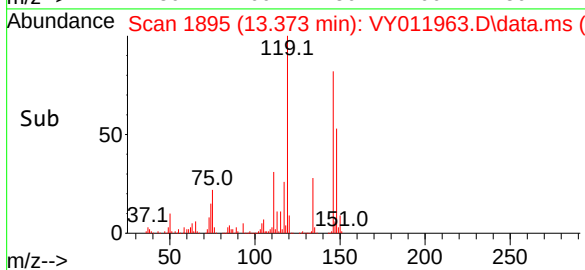
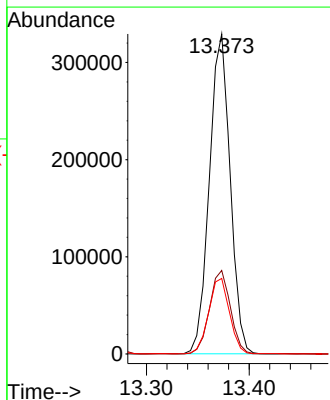
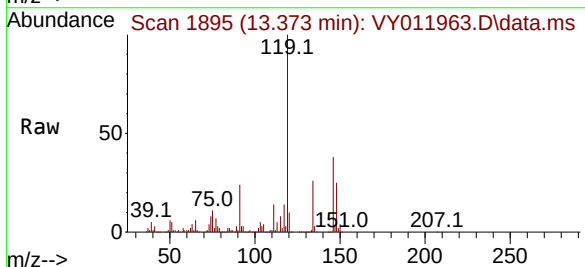
Tgt Ion:119 Resp: 462735

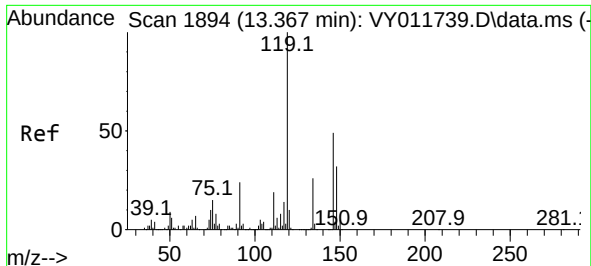
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 44.176 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

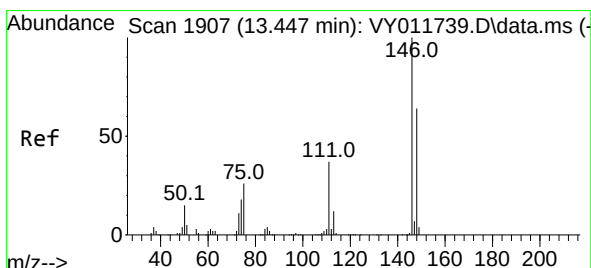
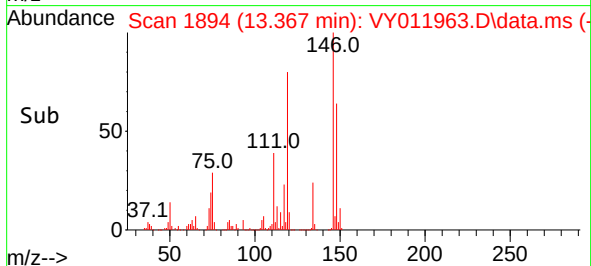
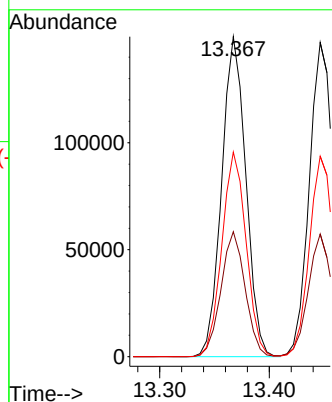
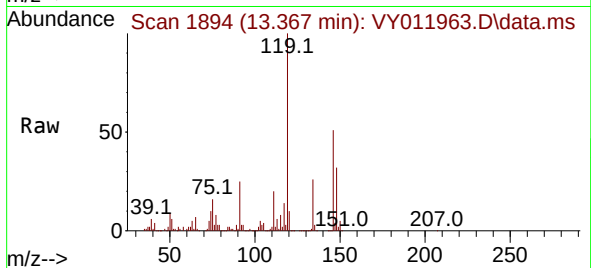
Tgt Ion:146 Resp: 229399

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.0

148 64.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 43.856 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

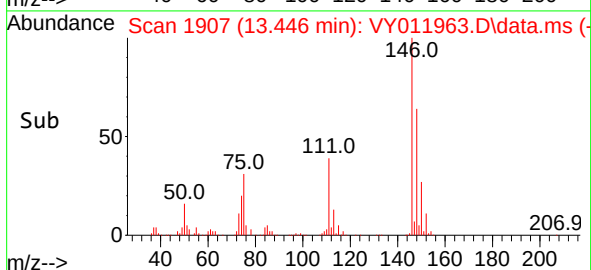
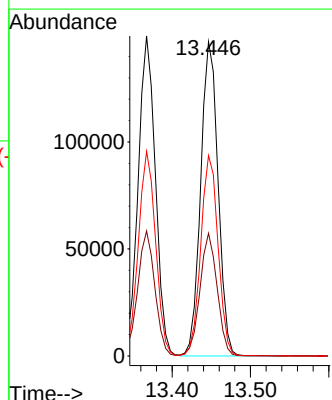
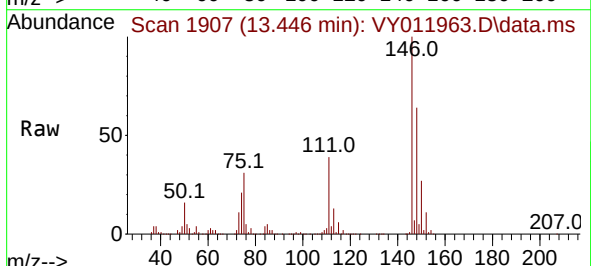
Tgt Ion:146 Resp: 226404

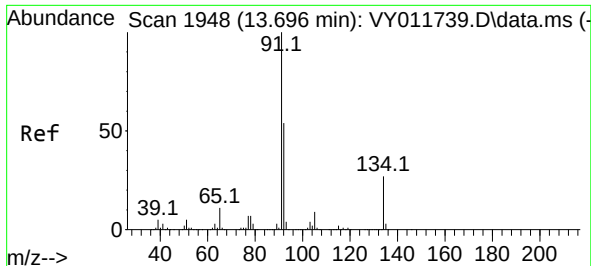
Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

148 63.6 31.9 95.7





#89

n-Butylbenzene

Concen: 45.085 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY011963.D

Acq: 22 Dec 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

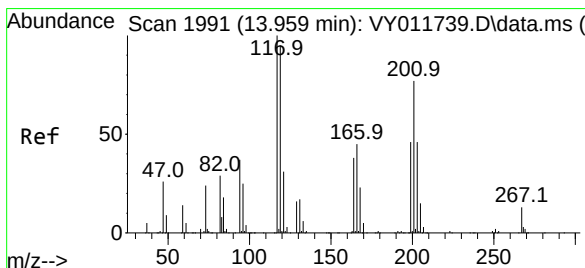
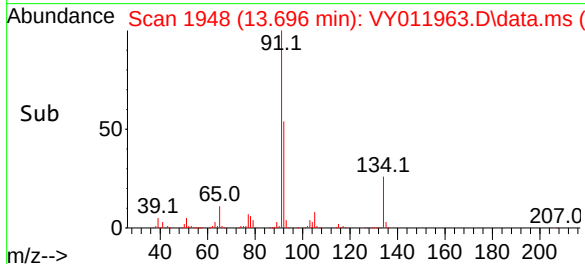
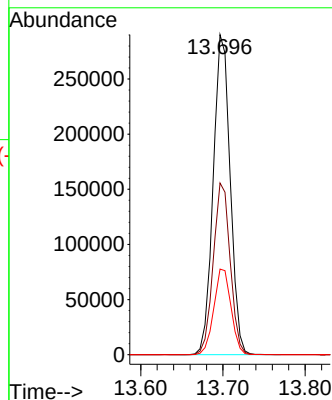
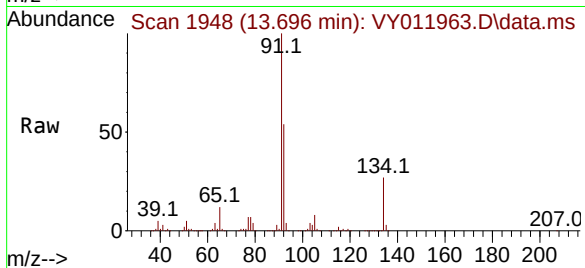
Tgt Ion: 91 Resp: 416453

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.4

134 27.1 13.3 39.8



#90

Hexachloroethane

Concen: 43.780 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY011963.D

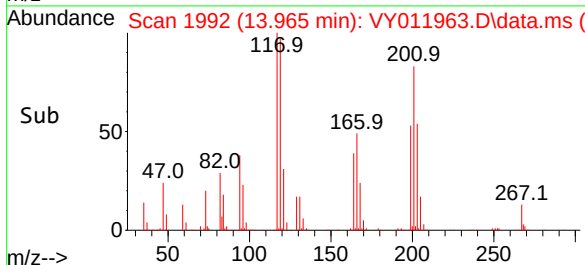
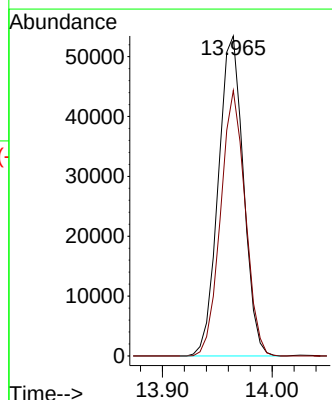
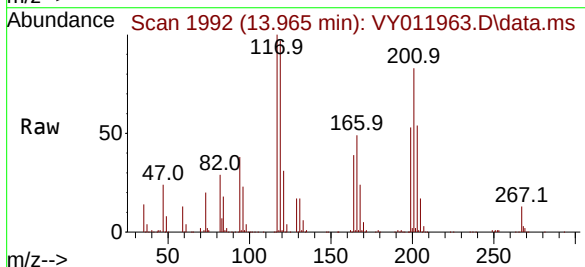
Acq: 22 Dec 2022 10:08

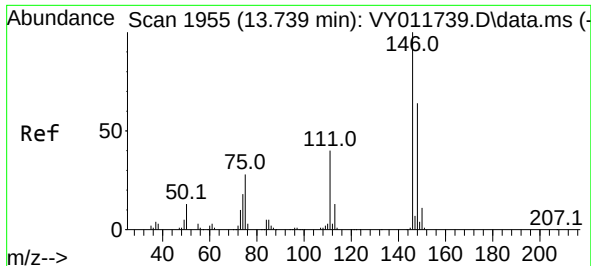
Tgt Ion: 117 Resp: 85236

Ion Ratio Lower Upper

117 100

201 81.0 40.3 120.8

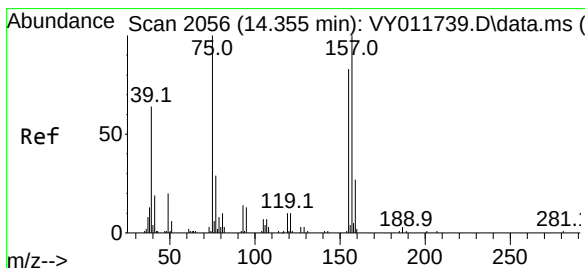
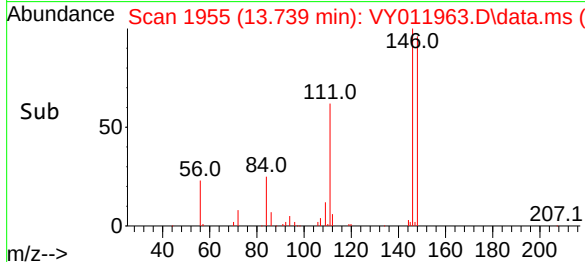
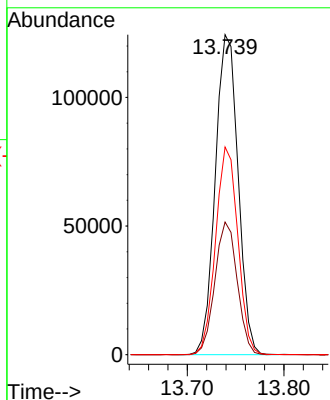
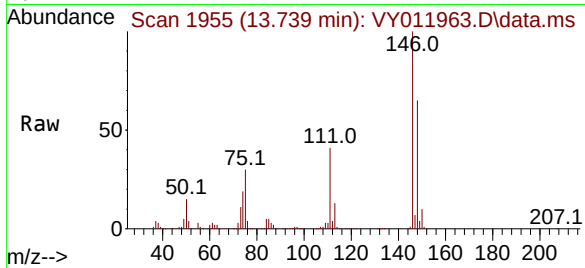




#91
1,2-Dichlorobenzene
Concen: 44.978 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

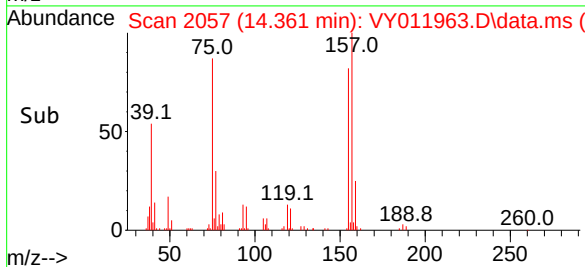
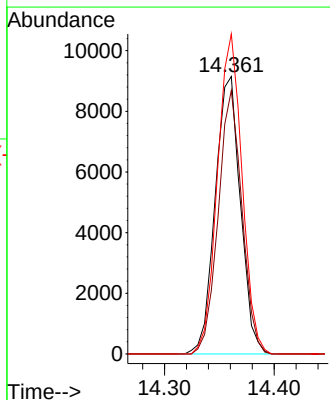
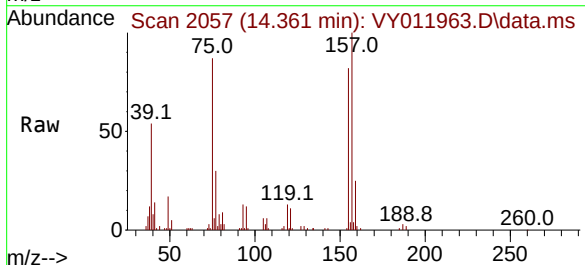
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

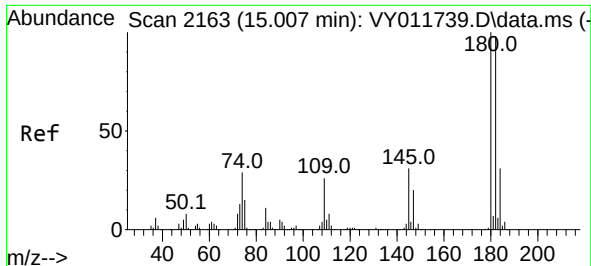
Tgt Ion:146 Resp: 203624
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.8
148 63.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.693 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion: 75 Resp: 14621
Ion Ratio Lower Upper
75 100
155 89.2 42.3 126.8
157 112.3 54.4 163.3

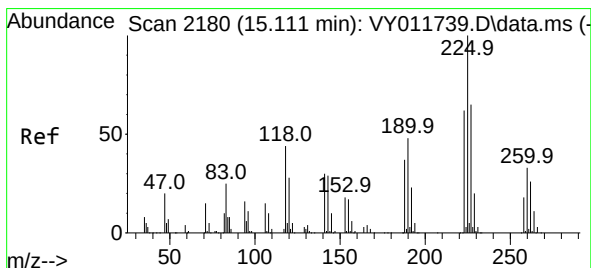
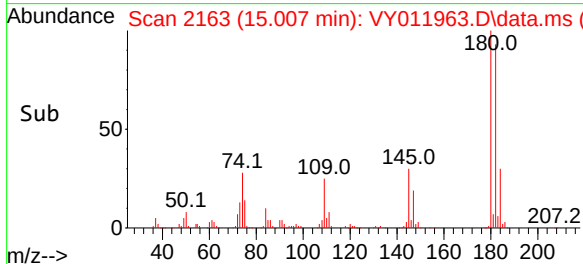
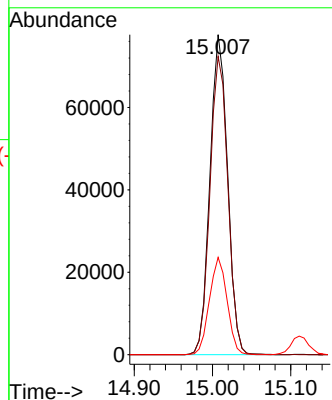
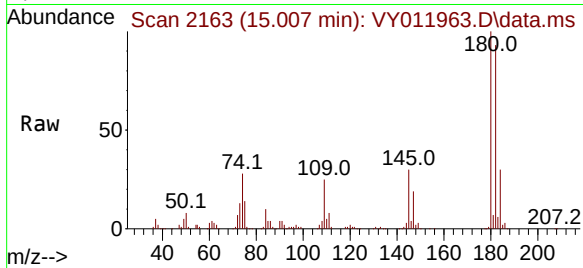




#93
 1,2,4-Trichlorobenzene
 Concen: 45.591 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

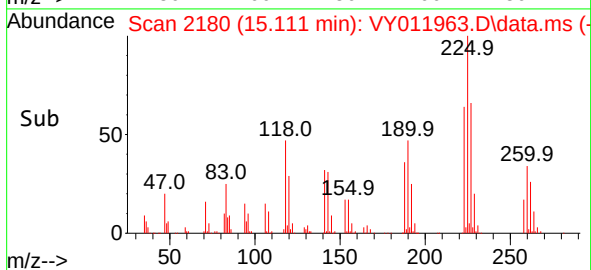
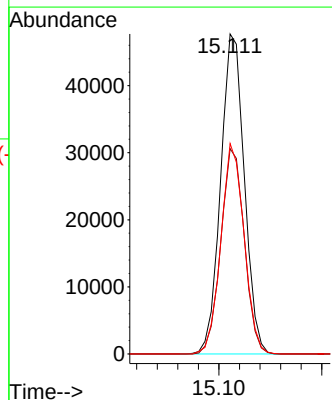
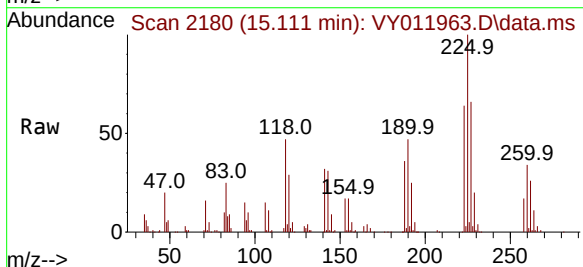
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

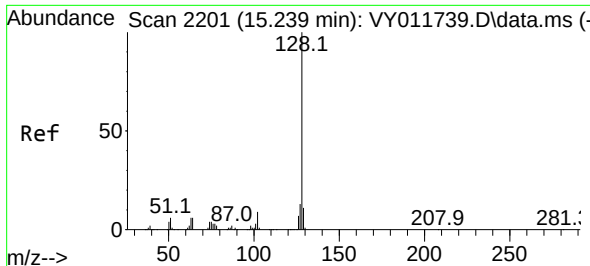
Tgt Ion:180 Resp: 121414
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.1 144.3
 145 30.4 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 44.242 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY011963.D
 Acq: 22 Dec 2022 10:08

Tgt Ion:225 Resp: 76132
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.4 94.2
 227 64.4 32.6 97.8

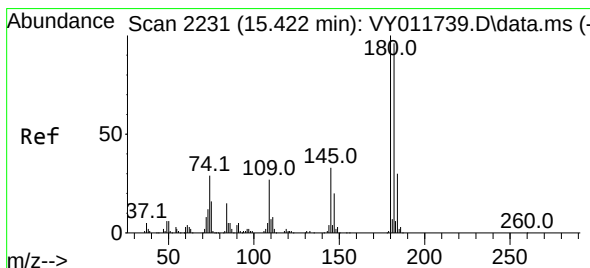
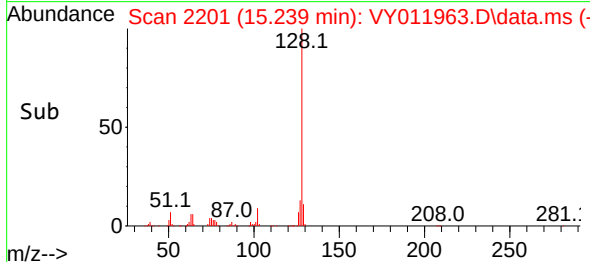
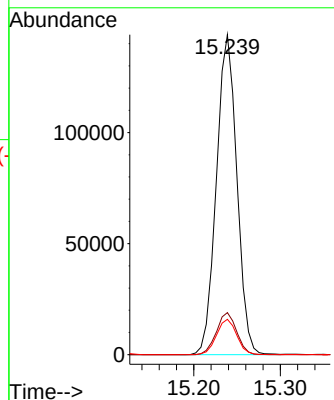
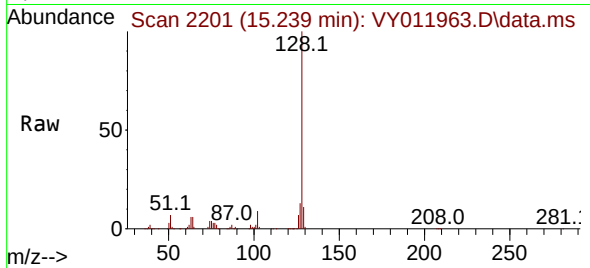




#95
Naphthalene
Concen: 43.168 ug/l
RT: 15.239 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 236888
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.847 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY011963.D
Acq: 22 Dec 2022 10:08

Tgt Ion:180 Resp: 105479
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.7
145 32.1 16.1 48.2

