

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012677.D
 Acq On : 21 Feb 2023 16:23
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 22 01:06:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	124182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81345	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72371	49.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.680%
35) Dibromofluoromethane	7.716	113	63890	49.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.960%
50) Toluene-d8	10.179	98	237582	49.611	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.483	95	76403	49.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.720%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	59300	46.447	ug/l	100
3) Chloromethane	2.113	50	76329	50.156	ug/l	100
4) Vinyl Chloride	2.253	62	67361	47.751	ug/l	100
5) Bromomethane	2.656	94	35950	46.533	ug/l	100
6) Chloroethane	2.796	64	40475	45.073	ug/l	100
7) Trichlorofluoromethane	3.131	101	107934	47.466	ug/l	100
8) Diethyl Ether	3.528	74	40757	50.063	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	64258	47.287	ug/l	100
10) Methyl Iodide	4.095	142	87628	49.248	ug/l	100
11) Tert butyl alcohol	4.954	59	35949	224.073	ug/l	100
12) 1,1-Dichloroethene	3.875	96	62497	47.639	ug/l	100
13) Acrolein	3.729	56	55021	271.434	ug/l	100
14) Allyl chloride	4.479	41	125631	49.343	ug/l	100
15) Acrylonitrile	5.161	53	115596	266.889	ug/l	100
16) Acetone	3.948	43	128489	268.483	ug/l	100
17) Carbon Disulfide	4.192	76	210260	47.627	ug/l	100
18) Methyl Acetate	4.473	43	80799	52.410	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	180687	51.204	ug/l	100
20) Methylene Chloride	4.716	84	75673	50.752	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	69139	48.451	ug/l	100
22) Diisopropyl ether	6.119	45	237245	49.935	ug/l	100
23) Vinyl Acetate	6.058	43	768647	261.218	ug/l	100
24) 1,1-Dichloroethane	6.015	63	127613	48.439	ug/l	100
25) 2-Butanone	6.984	43	172546	271.649	ug/l	100
26) 2,2-Dichloropropane	6.984	77	106627	46.398	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	75188	48.157	ug/l	100
28) Bromochloromethane	7.332	49	54736	51.885	ug/l	100
29) Tetrahydrofuran	7.344	42	107274	276.630	ug/l	100
30) Chloroform	7.503	83	124085	48.609	ug/l	100
31) Cyclohexane	7.783	56	115882	45.479	ug/l	100
32) 1,1,1-Trichloroethane	7.698	97	110066	47.630	ug/l	100
36) 1,1-Dichloropropene	7.917	75	96419	47.587	ug/l	100
37) Ethyl Acetate	7.070	43	73712	53.915	ug/l	100
38) Carbon Tetrachloride	7.899	117	100414	47.929	ug/l	100
39) Methylcyclohexane	9.185	83	114868	49.146	ug/l	100
40) Benzene	8.161	78	275974	48.795	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	98694	148.185	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	86842	49.517	ug/l	100
43) Isopropyl Acetate	8.271	43	125590	53.158	ug/l	100
44) Trichloroethene	8.941	130	70128	47.958	ug/l	100
45) 1,2-Dichloropropane	9.216	63	71838	49.380	ug/l	100
46) Dibromomethane	9.307	93	40805	50.811	ug/l	100
47) Bromodichloromethane	9.496	83	94377	48.816	ug/l	100
48) Methyl methacrylate	9.295	41	57415	52.079	ug/l	100
49) 1,4-Dioxane	9.301	88	10848	885.432	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	350729	275.205	ug/l	100
52) Toluene	10.246	92	165841	49.489	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	101246	50.115	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	114793	50.214	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	54021	49.525	ug/l	100
56) Ethyl methacrylate	10.508	69	80358	53.944	ug/l	100
57) 1,3-Dichloropropane	10.789	76	96126	50.140	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	207748	263.900	ug/l	100
59) 2-Hexanone	10.831	43	255346	282.630	ug/l	100
60) Dibromochloromethane	10.984	129	65914	49.877	ug/l	100
61) 1,2-Dibromoethane	11.087	107	52872	50.593	ug/l	100
64) Tetrachloroethene	10.721	164	57505	47.696	ug/l	100
65) Chlorobenzene	11.514	112	170554	47.977	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	64554	48.999	ug/l	100
67) Ethyl Benzene	11.593	91	309655	48.731	ug/l	100
68) m/p-Xylenes	11.703	106	237398	97.936	ug/l	100
69) o-Xylene	12.032	106	112384	50.056	ug/l	100
70) Styrene	12.044	104	188896	50.197	ug/l	100
71) Bromoform	12.209	173	42764	50.869	ug/l #	100
73) Isopropylbenzene	12.331	105	293682	48.855	ug/l	100
74) N-amyl acetate	12.142	43	106858	54.076	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	68109	50.391	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	89784	91.574	ug/l #	100
77) Bromobenzene	12.611	156	70284	48.796	ug/l	100
78) n-propylbenzene	12.672	91	363768	48.379	ug/l	100
79) 2-Chlorotoluene	12.758	91	201122	48.147	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	242489	48.291	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	24775	51.756	ug/l	100
82) 4-Chlorotoluene	12.855	91	207756	47.954	ug/l	100
83) tert-Butylbenzene	13.075	119	210885	49.182	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	241252	49.147	ug/l	100
85) sec-Butylbenzene	13.251	105	314366	48.187	ug/l	100
86) p-Isopropyltoluene	13.367	119	260726	48.527	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	135594	48.063	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	135221	47.265	ug/l	100
89) n-Butylbenzene	13.697	91	249292	48.449	ug/l	100
90) Hexachloroethane	13.959	117	50754	46.548	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	121944	48.399	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11370	51.176	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	76899	48.258	ug/l	100
94) Hexachlorobutadiene	15.111	225	44264	46.026	ug/l	100
95) Naphthalene	15.239	128	170001	52.798	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	68333	48.447	ug/l	100

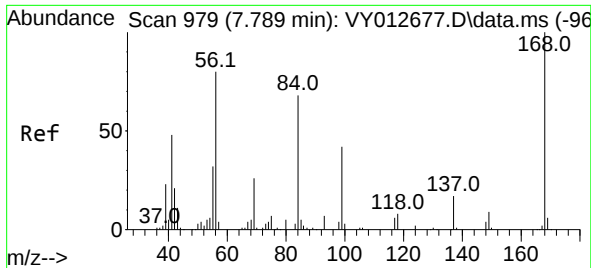
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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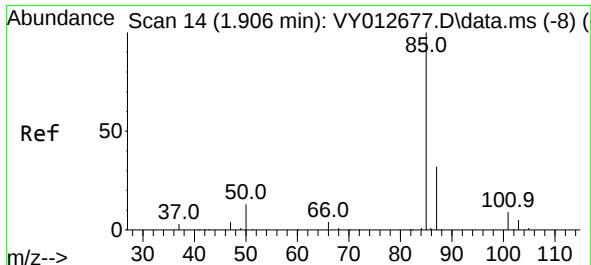
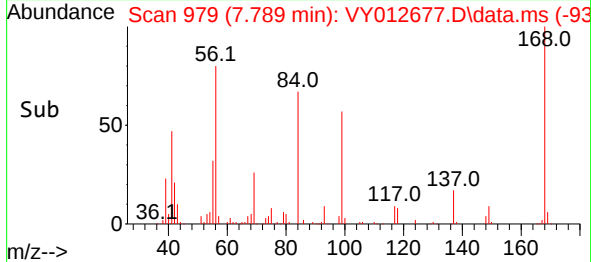
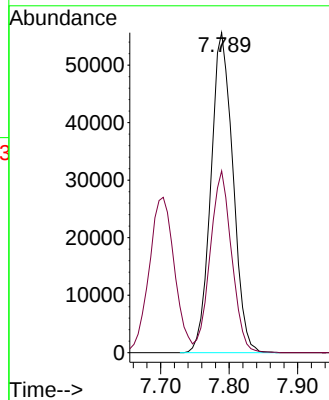
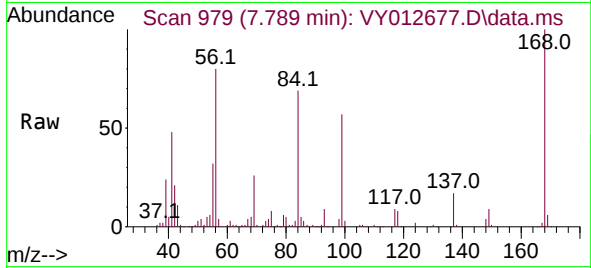
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

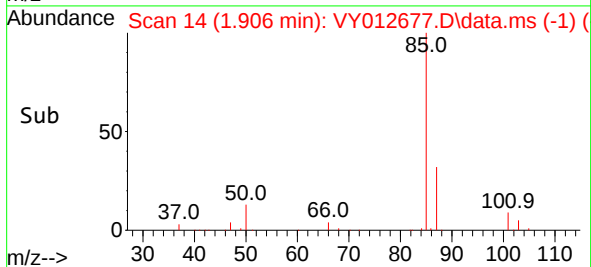
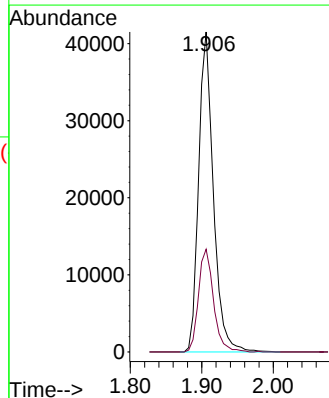
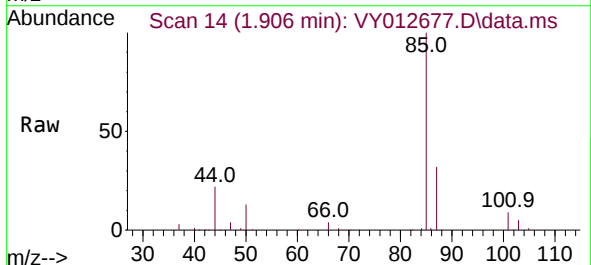
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VSTDICCC050

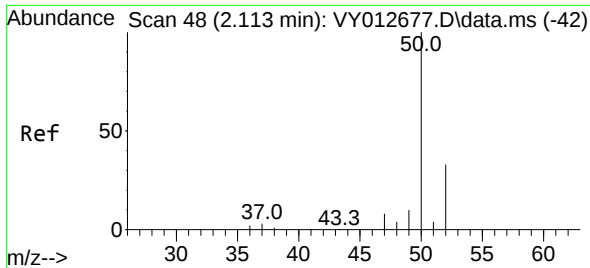
Tgt Ion:168 Resp: 124182
Ion Ratio Lower Upper
168 100
99 56.8 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 46.447 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 85 Resp: 59300
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

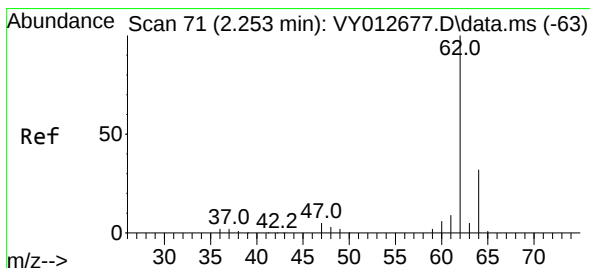
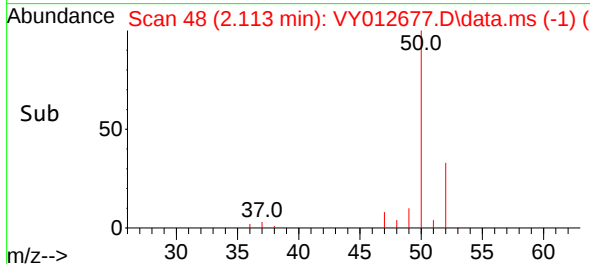
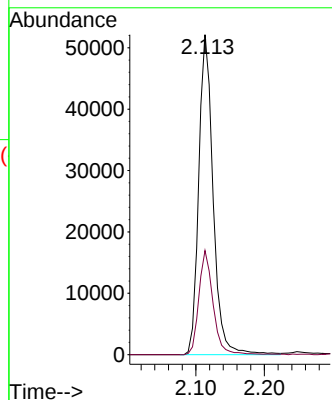
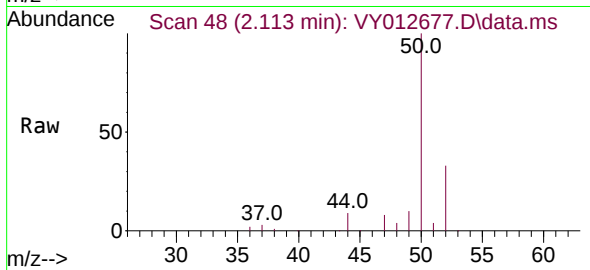




#3
Chloromethane
Concen: 50.156 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

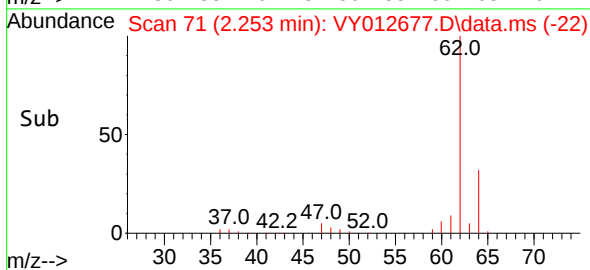
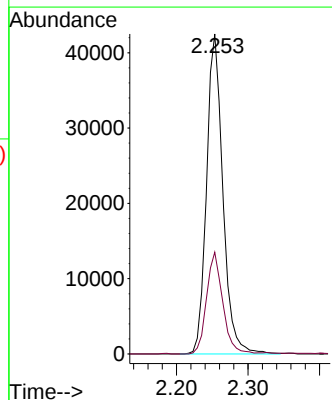
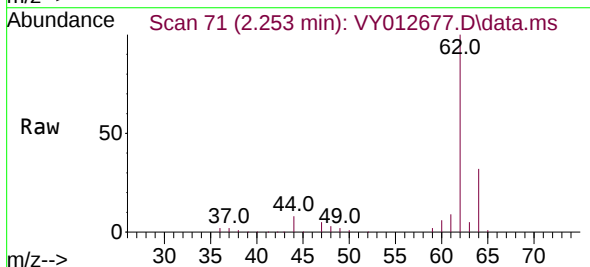
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

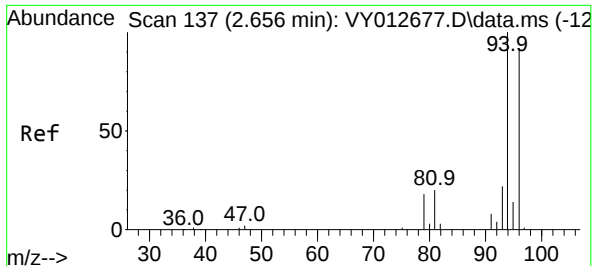
Tgt Ion: 50 Resp: 76329
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1



#4
Vinyl Chloride
Concen: 47.751 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 62 Resp: 67361
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





#5

Bromomethane

Concen: 46.533 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

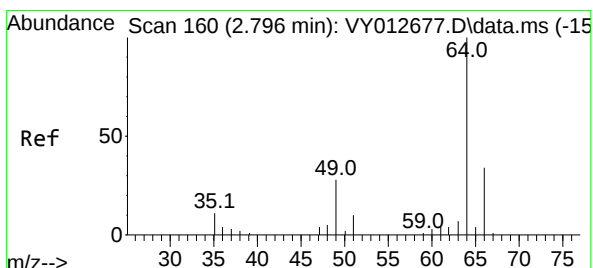
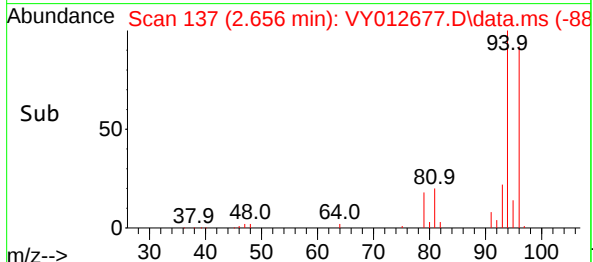
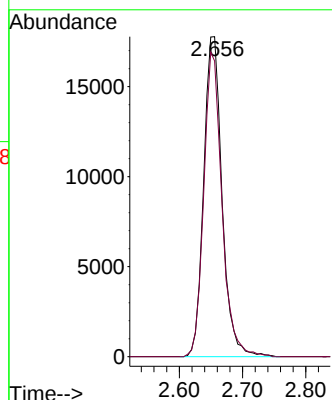
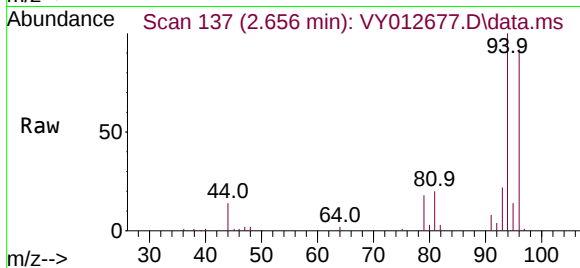
VSTDICCC050

Tgt Ion: 94 Resp: 35950

Ion Ratio Lower Upper

94 100

96 92.4 73.9 110.9



#6

Chloroethane

Concen: 45.073 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY012677.D

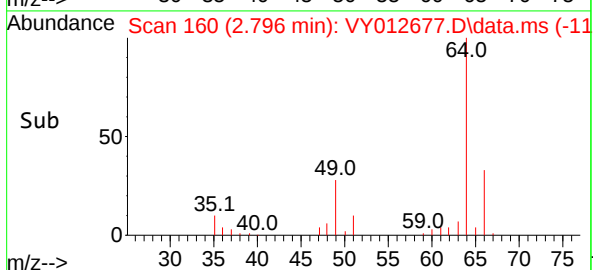
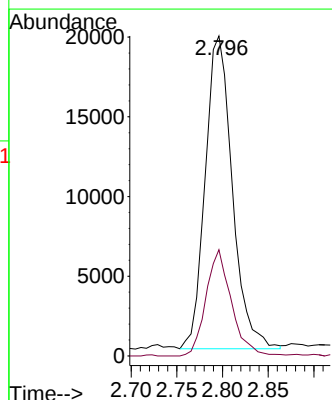
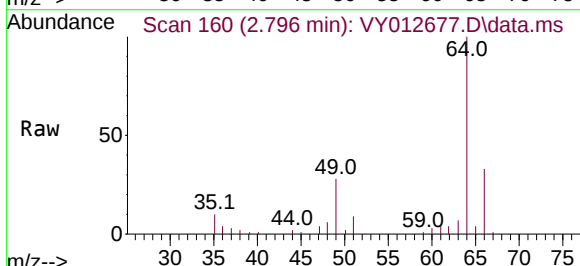
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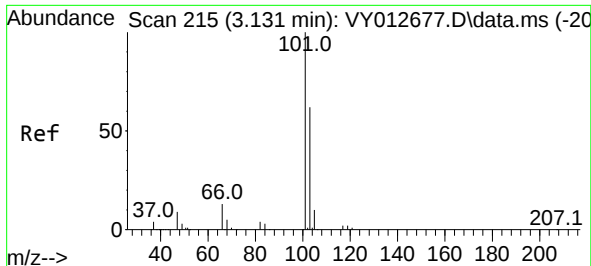
Tgt Ion: 64 Resp: 40475

Ion Ratio Lower Upper

64 100

66 33.9 27.1 40.7

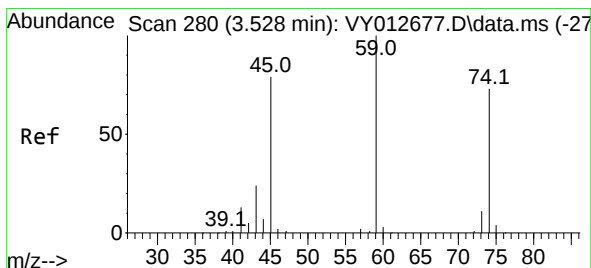
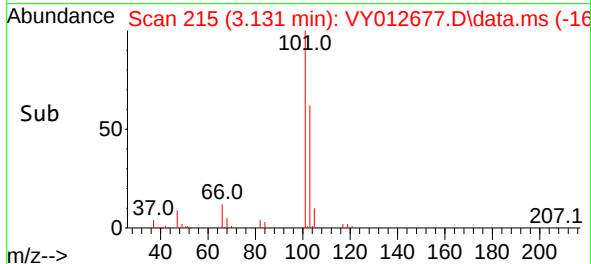
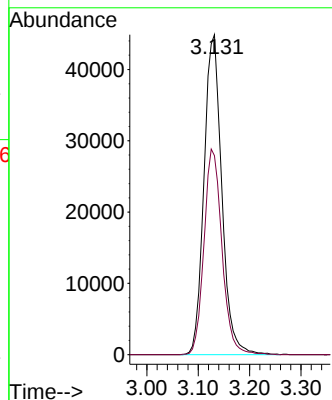
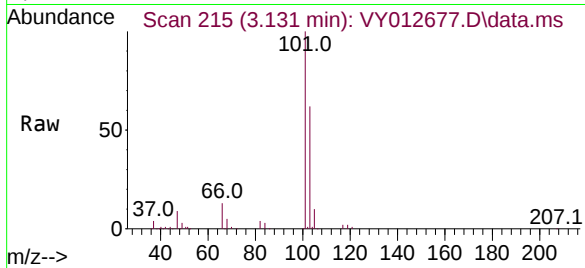




#7
 Trichlorofluoromethane
 Concen: 47.466 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY012677.D
 Acq: 21 Feb 2023 16:23

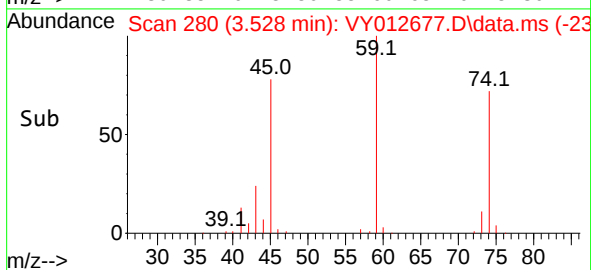
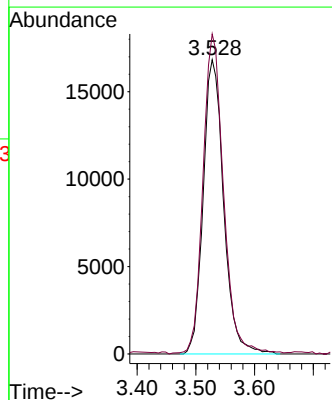
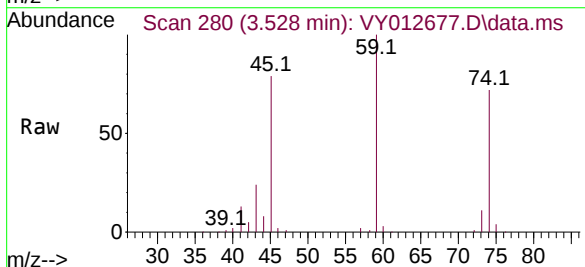
Instrument :
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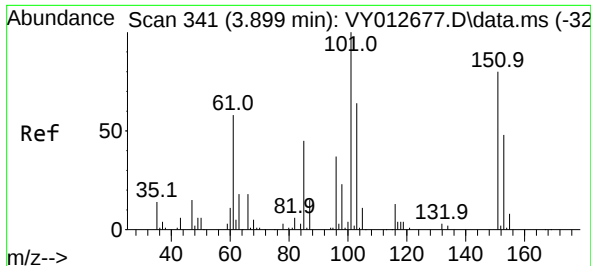
Tgt Ion:101 Resp: 107934
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.8 74.6



#8
 Diethyl Ether
 Concen: 50.063 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY012677.D
 Acq: 21 Feb 2023 16:23

Tgt Ion: 74 Resp: 40757
 Ion Ratio Lower Upper
 74 100
 45 109.3 54.6 163.9



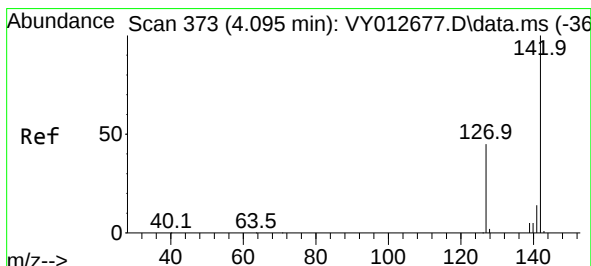
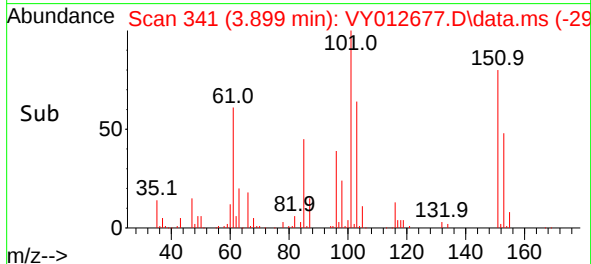
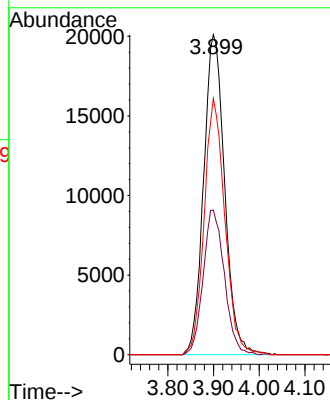
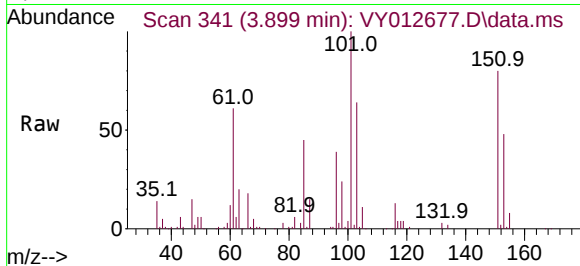


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.287 ug/l
 RT: 3.899 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VY012677.D
 Acq: 21 Feb 2023 16:23

Instrument :
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Tgt Ion:101 Resp: 64258

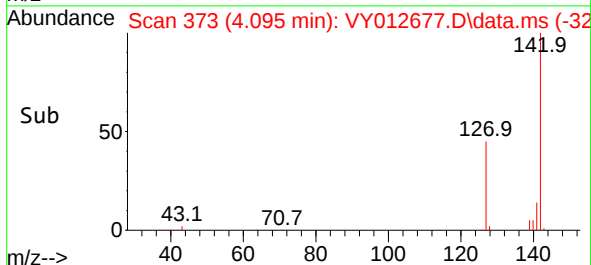
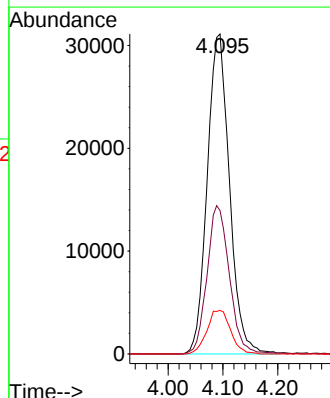
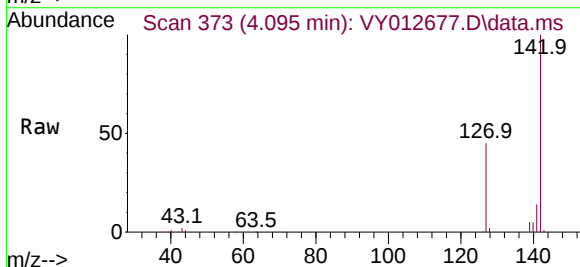
Ion	Ratio	Lower	Upper
101	100		
85	45.5	36.4	54.6
151	78.9	63.1	94.7

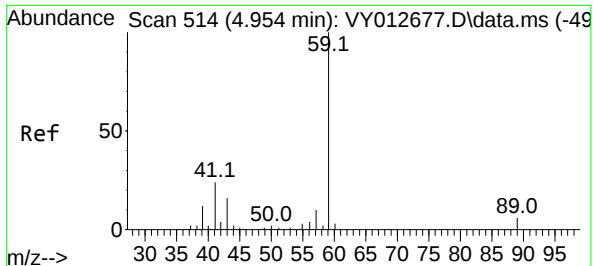


#10
 Methyl Iodide
 Concen: 49.248 ug/l
 RT: 4.095 min Scan# 373
 Delta R.T. 0.000 min
 Lab File: VY012677.D
 Acq: 21 Feb 2023 16:23

Tgt Ion:142 Resp: 87628

Ion	Ratio	Lower	Upper
142	100		
127	46.6	37.3	55.9
141	14.5	11.6	17.4

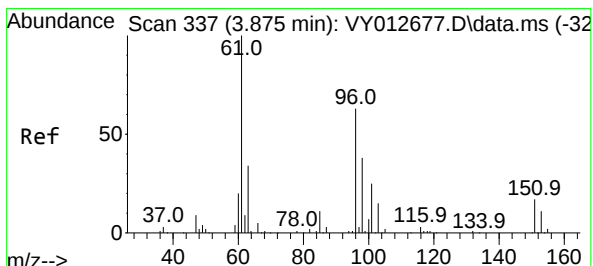
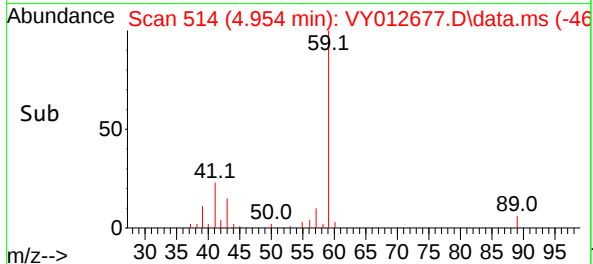
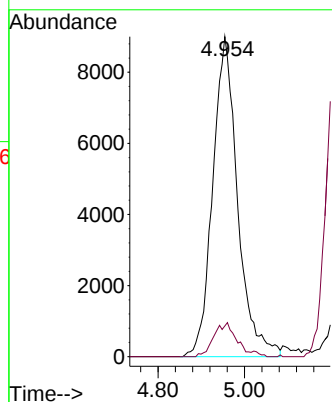
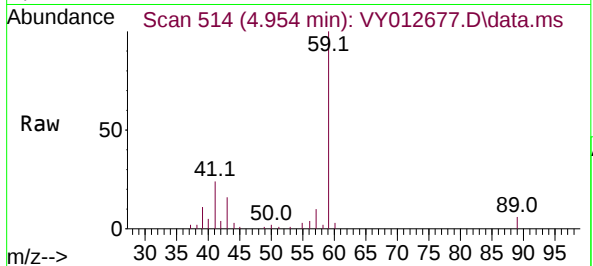




#11
Tert butyl alcohol
Concen: 224.073 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

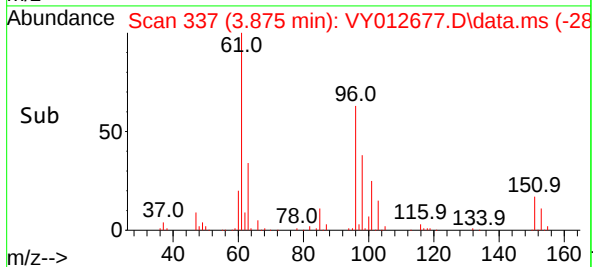
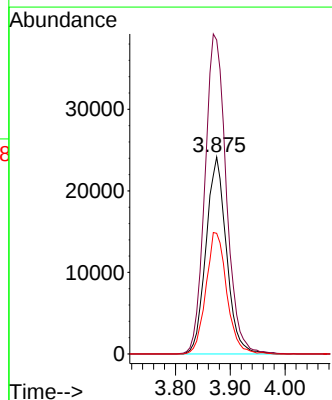
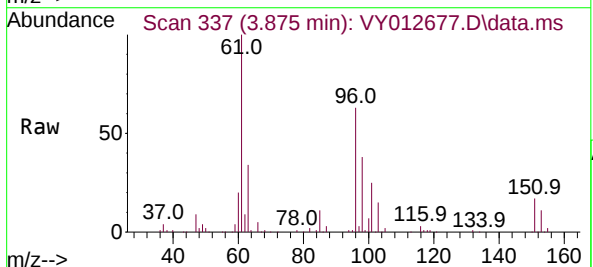
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

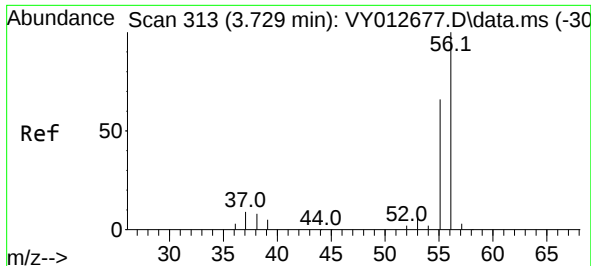
Tgt Ion: 59 Resp: 35949
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5



#12
1,1-Dichloroethene
Concen: 47.639 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 96 Resp: 62497
Ion Ratio Lower Upper
96 100
61 159.1 127.3 190.9
98 61.2 49.0 73.4





#13

Acrolein

Concen: 271.434 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

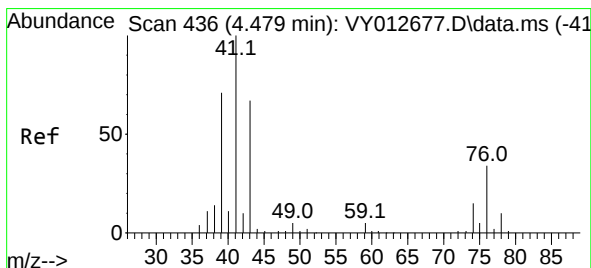
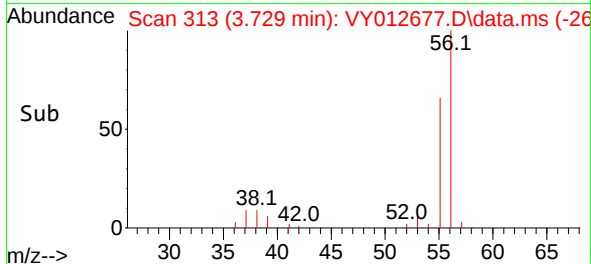
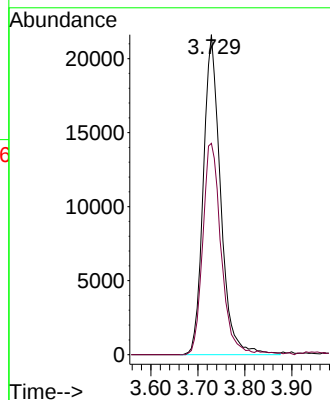
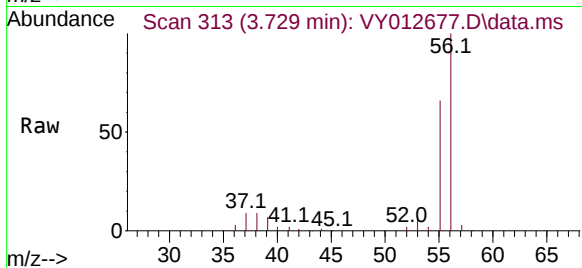
VSTDICCC050

Tgt Ion: 56 Resp: 55021

Ion Ratio Lower Upper

56 100

55 69.6 55.7 83.5



#14

Allyl chloride

Concen: 49.343 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

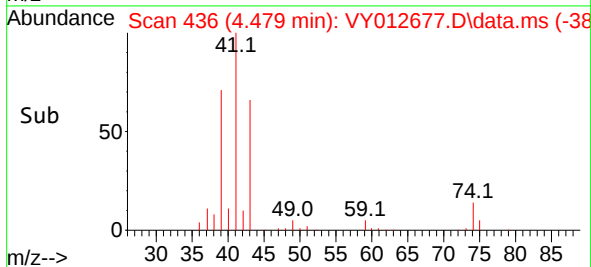
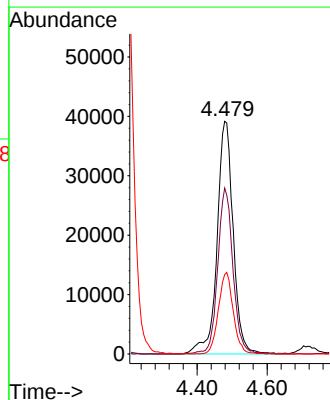
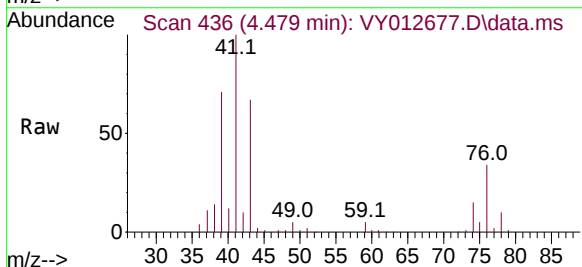
Tgt Ion: 41 Resp: 125631

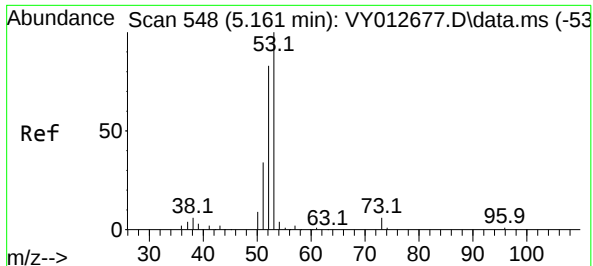
Ion Ratio Lower Upper

41 100

39 67.3 53.8 80.8

76 32.2 25.8 38.6

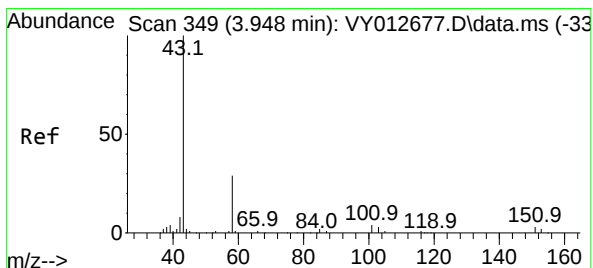
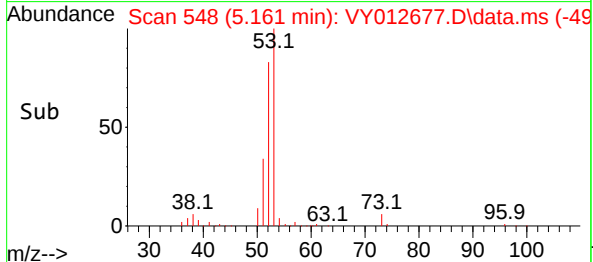
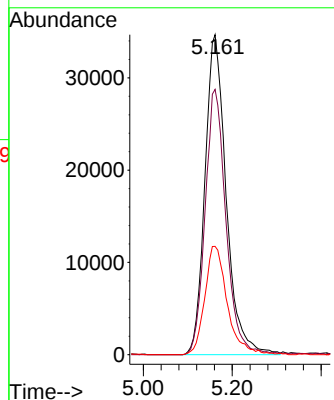
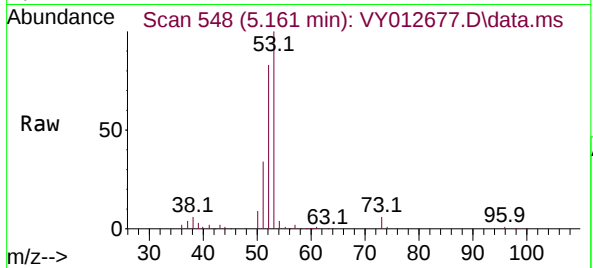




#15
Acrylonitrile
Concen: 266.889 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

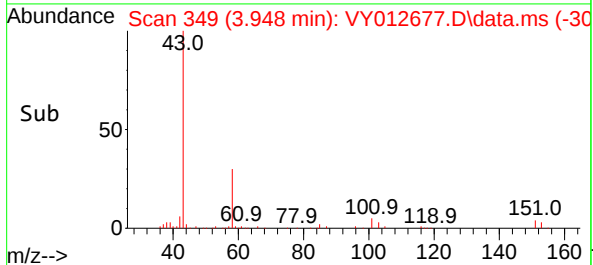
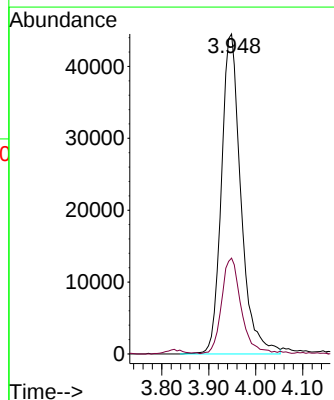
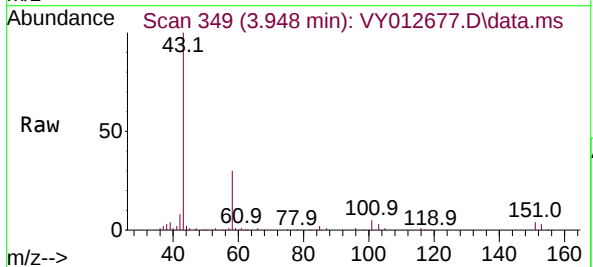
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

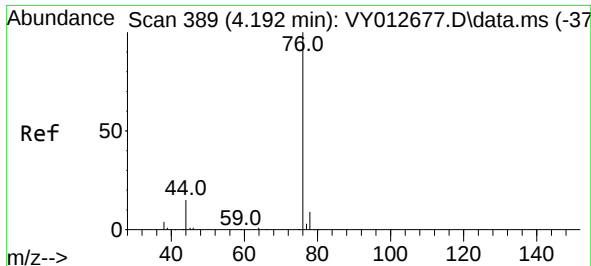
Tgt Ion: 53 Resp: 115596
Ion Ratio Lower Upper
53 100
52 81.5 65.2 97.8
51 35.8 28.6 43.0



#16
Acetone
Concen: 268.483 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 43 Resp: 128489
Ion Ratio Lower Upper
43 100
58 29.1 23.3 34.9

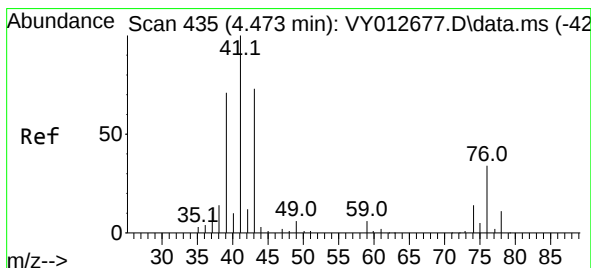
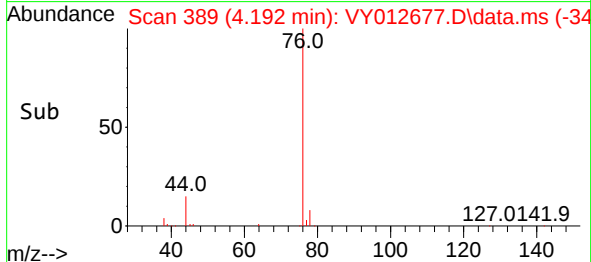
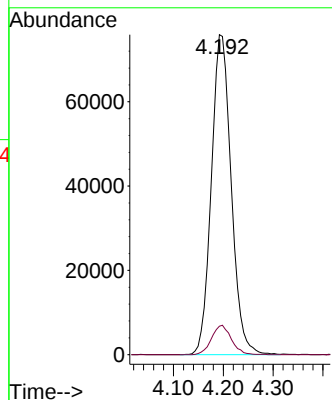
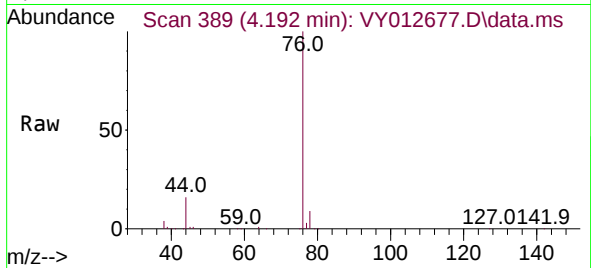




#17
Carbon Disulfide
Concen: 47.627 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

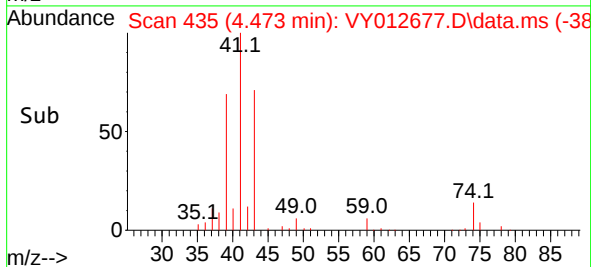
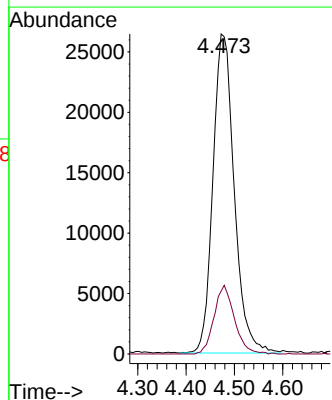
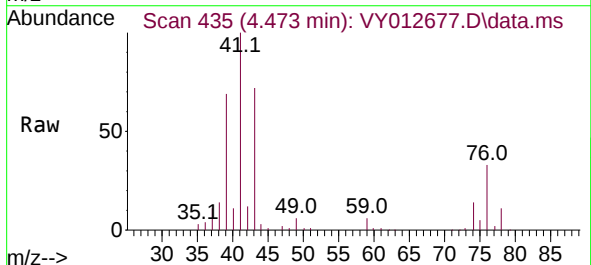
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

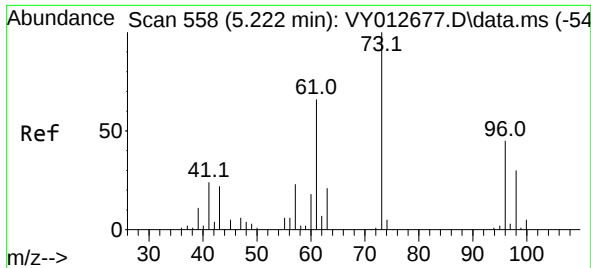
Tgt Ion: 76 Resp: 210260
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 52.410 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 43 Resp: 80799
Ion Ratio Lower Upper
43 100
74 20.6 16.5 24.7

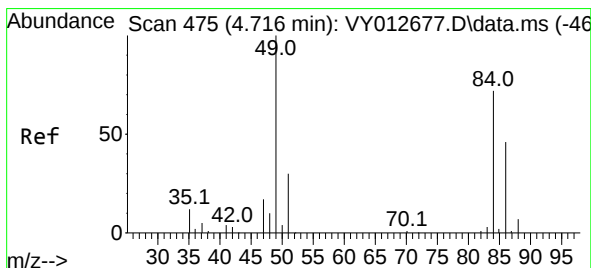
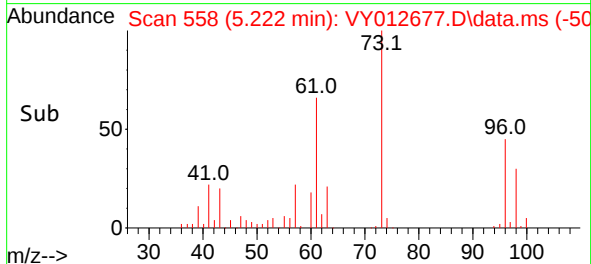
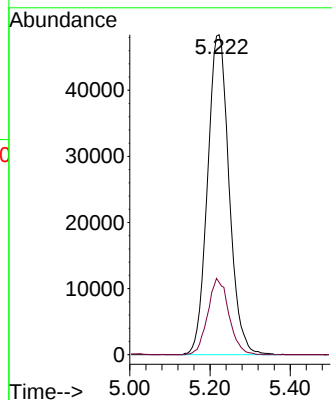
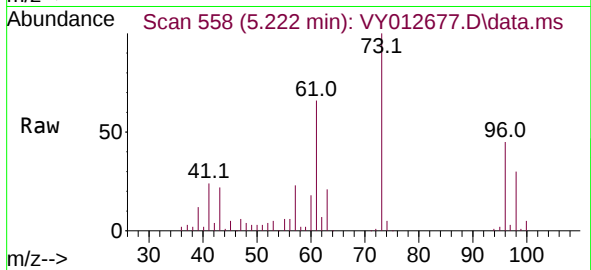




#19
Methyl tert-butyl Ether
Concen: 51.204 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

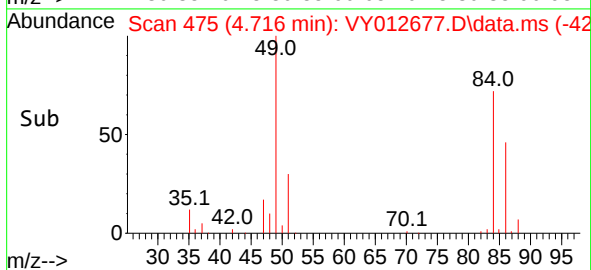
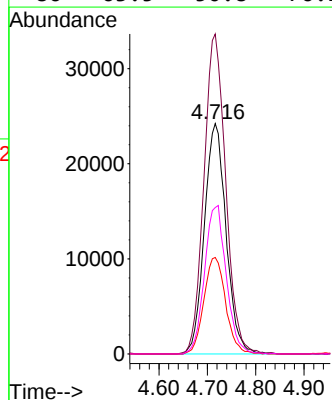
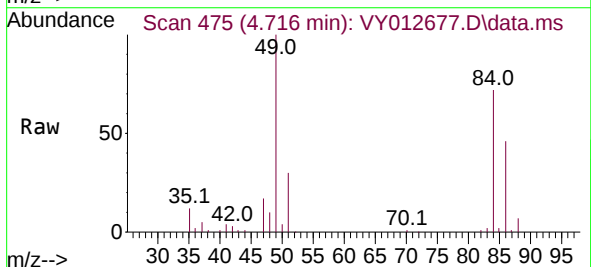
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

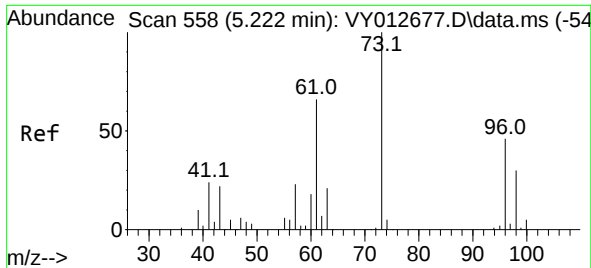
Tgt Ion: 73 Resp: 180687
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 50.752 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 84 Resp: 75673
Ion Ratio Lower Upper
84 100
49 138.9 111.1 166.7
51 41.9 33.5 50.3
86 63.5 50.8 76.2

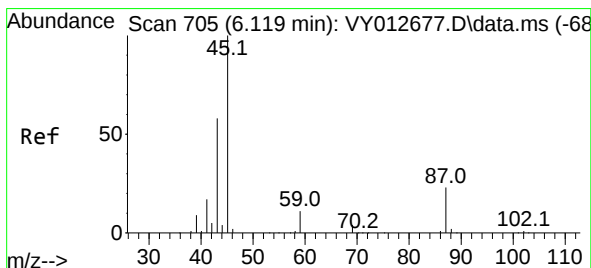
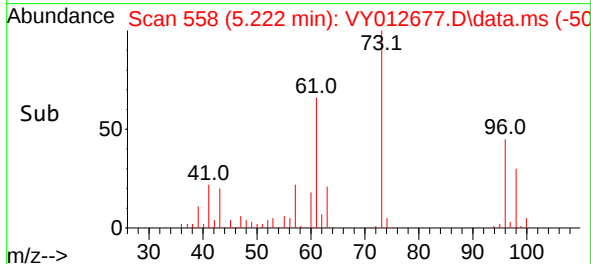
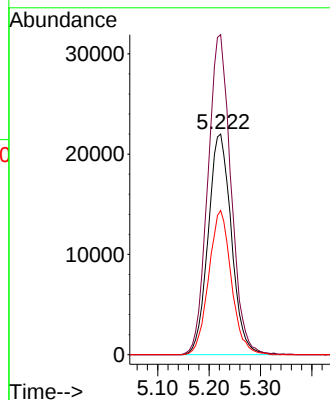
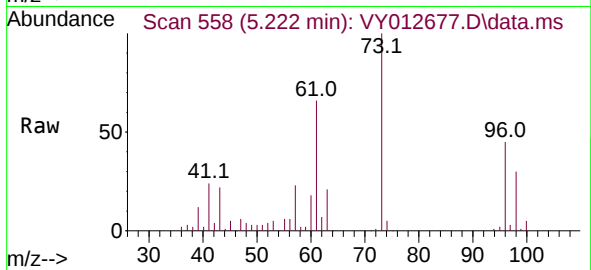




#21
trans-1,2-Dichloroethene
Concen: 48.451 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

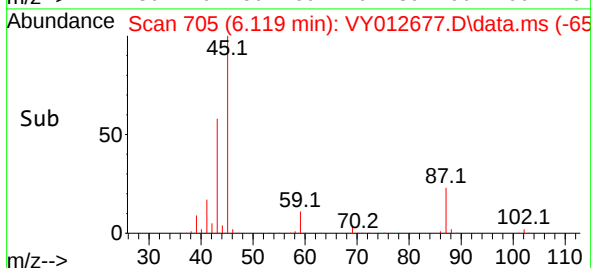
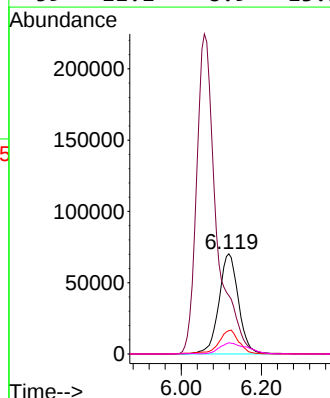
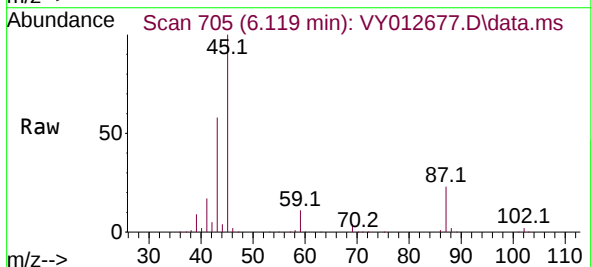
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

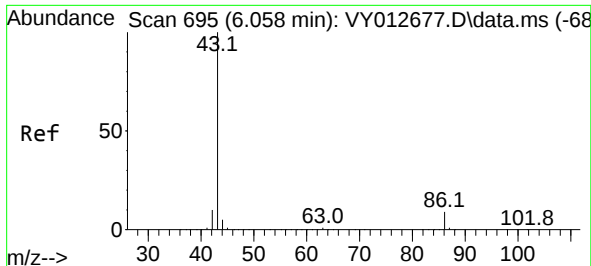
Tgt Ion: 96 Resp: 69139
Ion Ratio Lower Upper
96 100
61 145.1 116.1 174.1
98 65.4 52.3 78.5



#22
Diisopropyl ether
Concen: 49.935 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 45 Resp: 237245
Ion Ratio Lower Upper
45 100
43 57.7 46.2 69.2
87 23.3 18.6 28.0
59 11.1 8.9 13.3

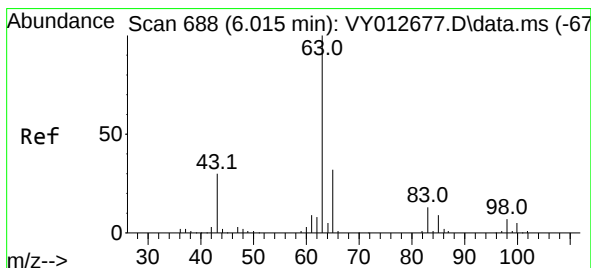
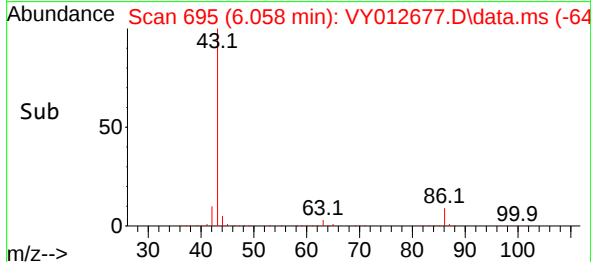
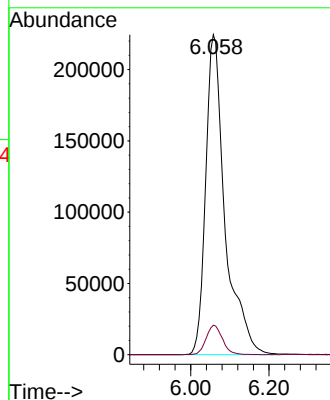
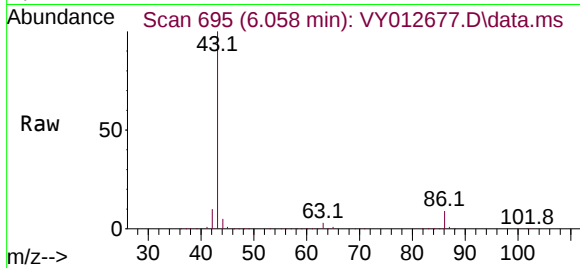




#23
 Vinyl Acetate
 Concen: 261.218 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012677.D
 Acq: 21 Feb 2023 16:23

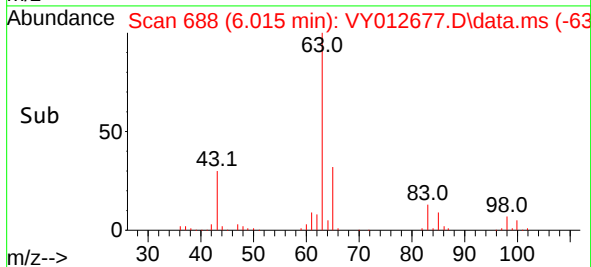
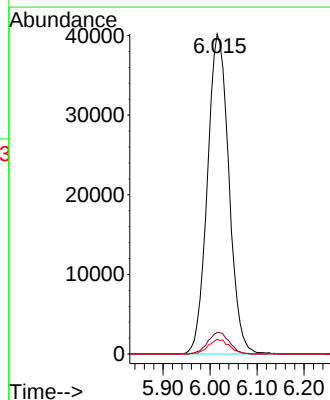
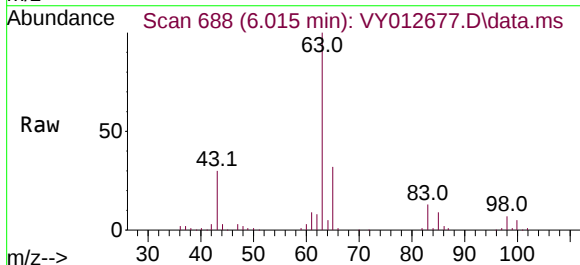
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

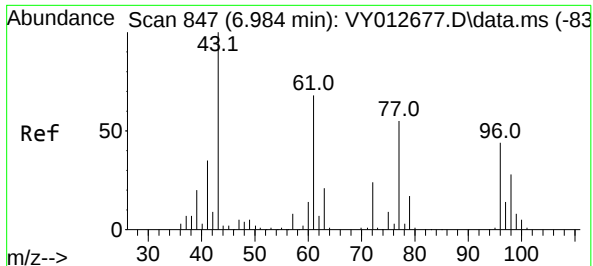
Tgt Ion: 43 Resp: 768647
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 48.439 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY012677.D
 Acq: 21 Feb 2023 16:23

Tgt Ion: 63 Resp: 127613
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.6 2.3 6.9





#25

2-Butanone

Concen: 271.649 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

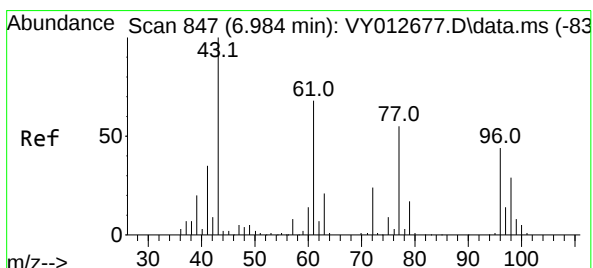
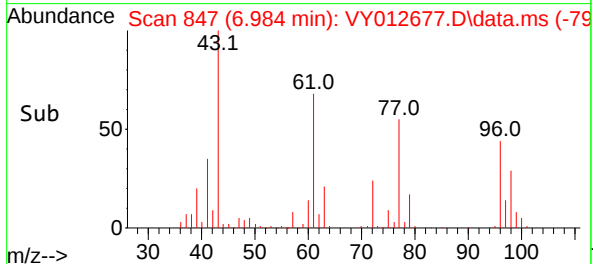
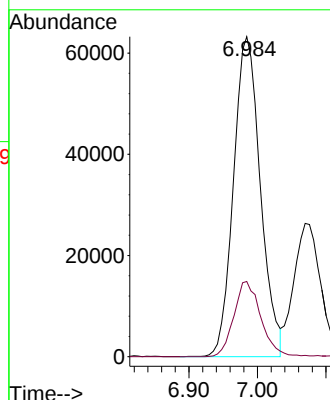
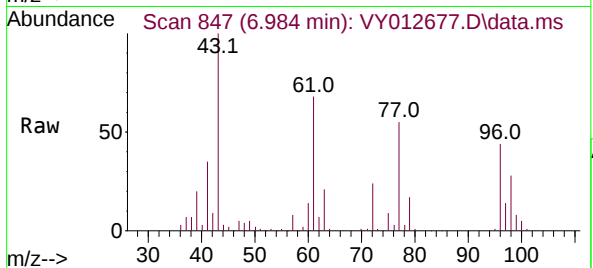
VSTDICCC050

Tgt Ion: 43 Resp: 172546

Ion Ratio Lower Upper

43 100

72 23.5 18.8 28.2



#26

2,2-Dichloropropane

Concen: 46.398 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012677.D

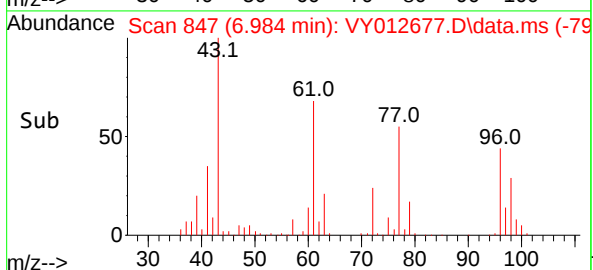
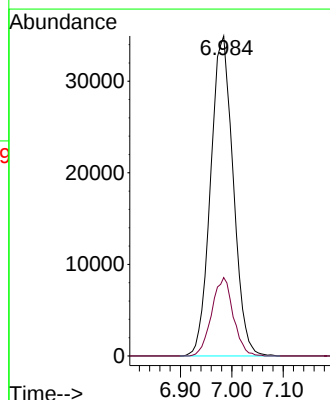
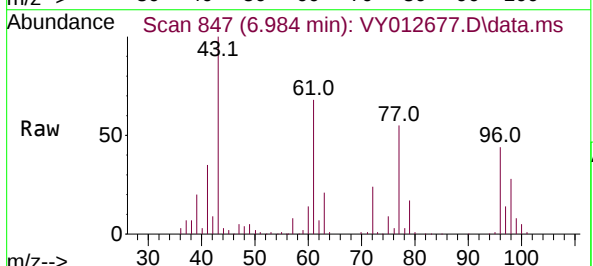
Acq: 21 Feb 2023 16:23

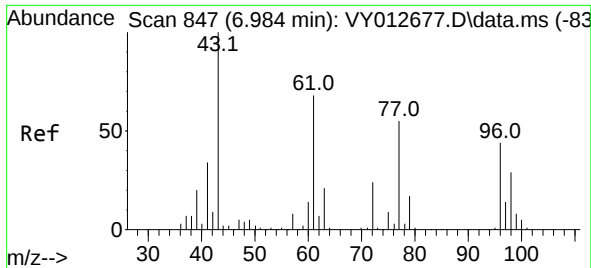
Tgt Ion: 77 Resp: 106627

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1



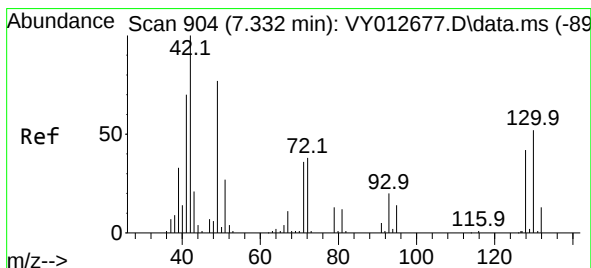
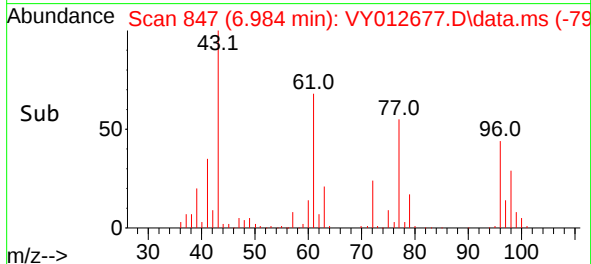
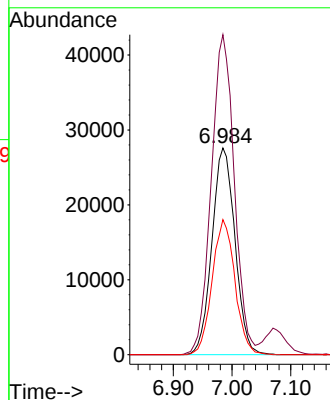
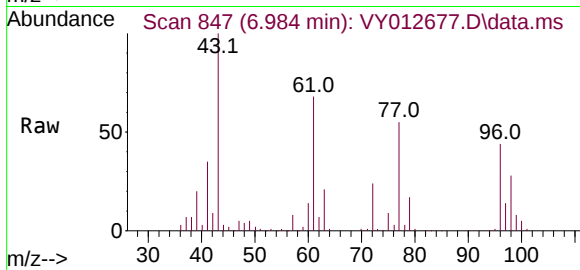


#27
 cis-1,2-Dichloroethene
 Concen: 48.157 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012677.D
 Acq: 21 Feb 2023 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 75188

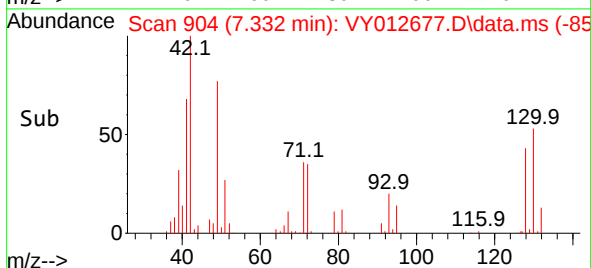
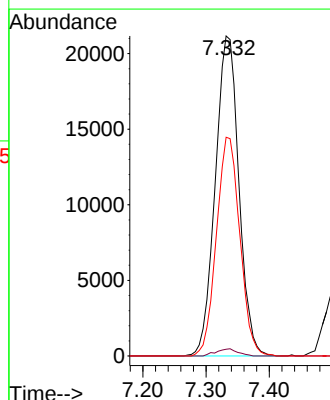
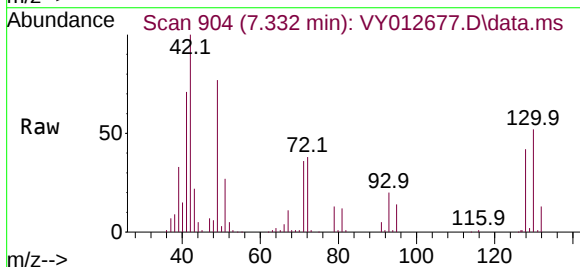
Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	308.8
98	64.5	0.0	129.0

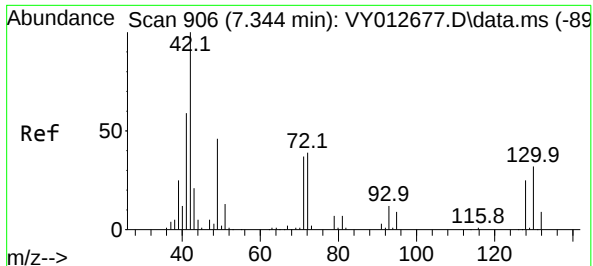


#28
 Bromochloromethane
 Concen: 51.885 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY012677.D
 Acq: 21 Feb 2023 16:23

Tgt Ion: 49 Resp: 54736

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	67.9	54.3	81.5

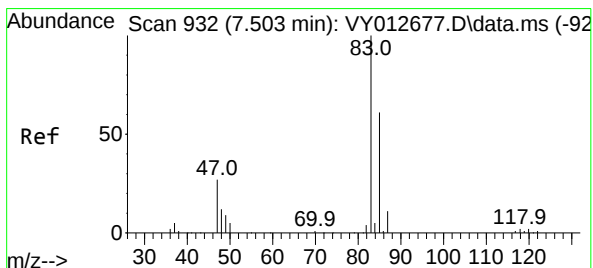
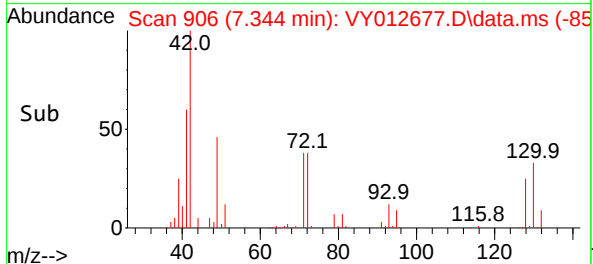
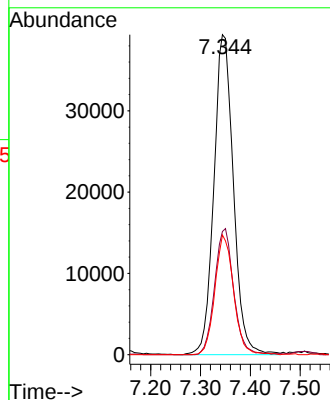
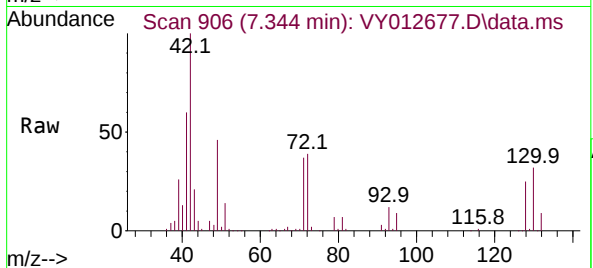




#29
Tetrahydrofuran
Concen: 276.630 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

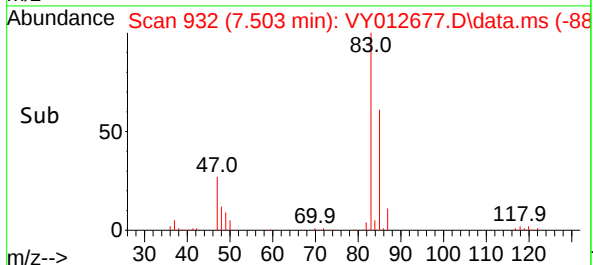
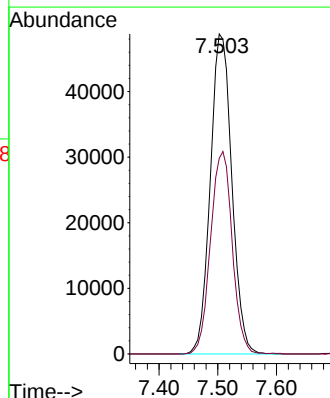
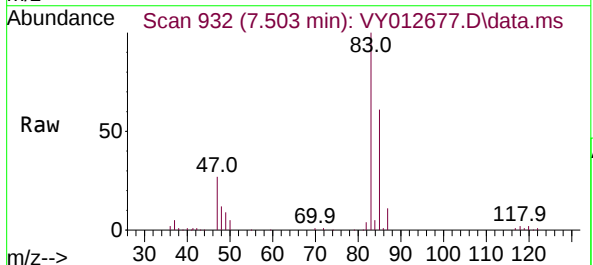
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

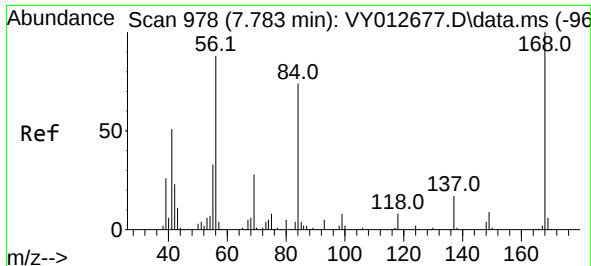
Tgt Ion:	42	Resp:	107274
Ion	Ratio	Lower	Upper
42	100		
72	38.2	30.6	45.8
71	35.7	28.6	42.8



#30
Chloroform
Concen: 48.609 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion:	83	Resp:	124085
Ion	Ratio	Lower	Upper
83	100		
85	61.1	48.9	73.3

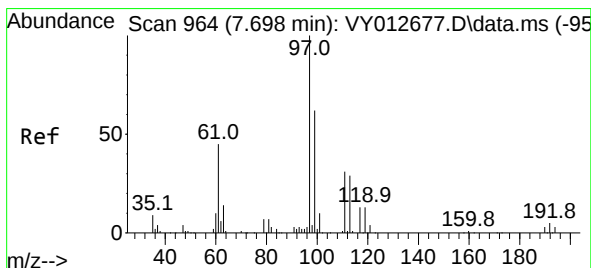
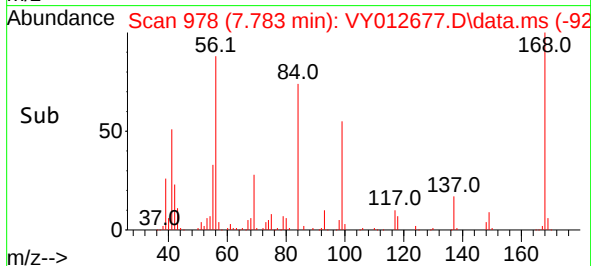
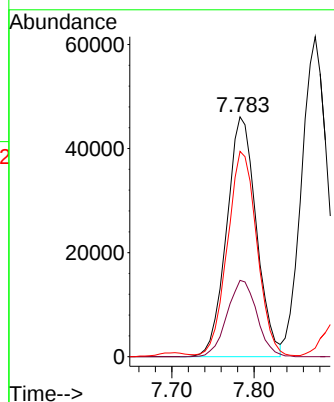
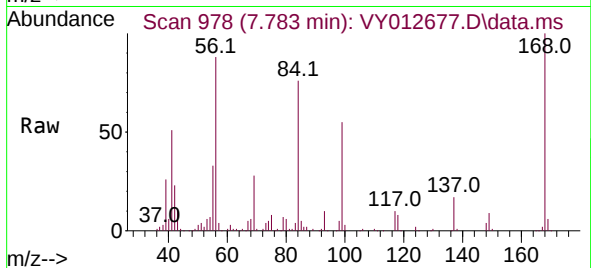




#31
Cyclohexane
Concen: 45.479 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

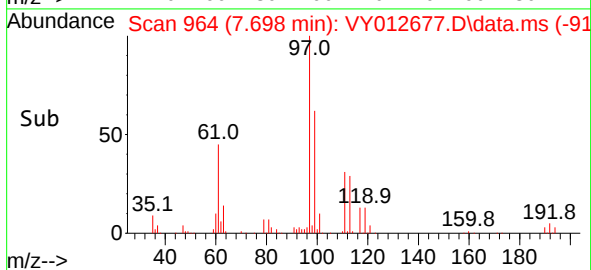
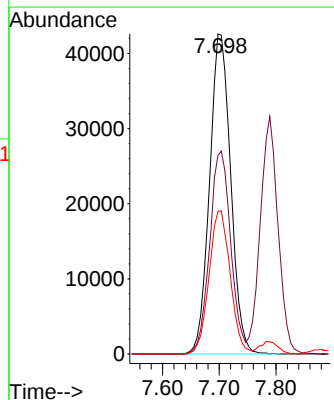
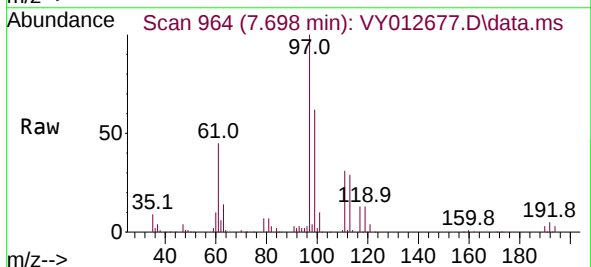
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

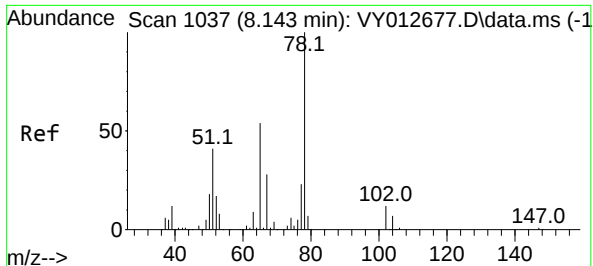
Tgt Ion: 56 Resp: 115882
Ion Ratio Lower Upper
56 100
69 31.8 25.4 38.2
84 84.1 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 47.630 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 97 Resp: 110066
Ion Ratio Lower Upper
97 100
99 63.2 50.6 75.8
61 45.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.345 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

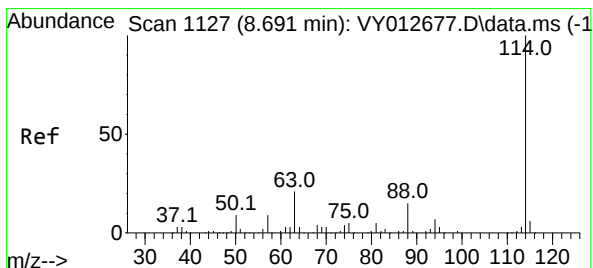
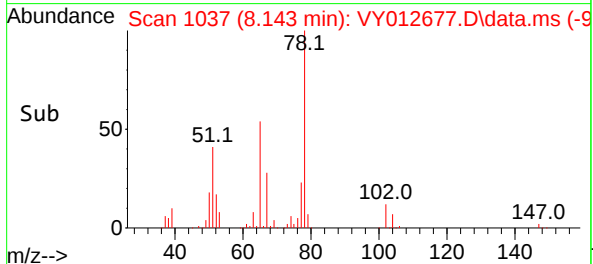
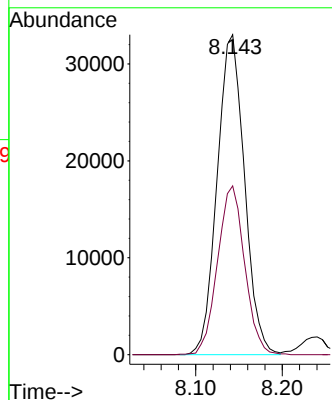
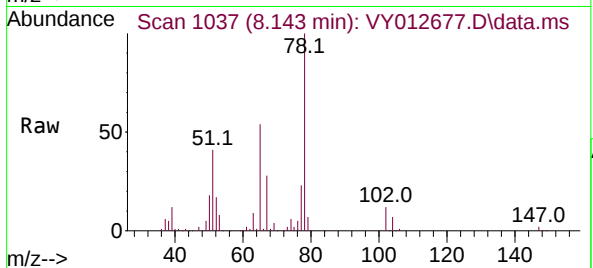
VSTDICCC050

Tgt Ion: 65 Resp: 72371

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

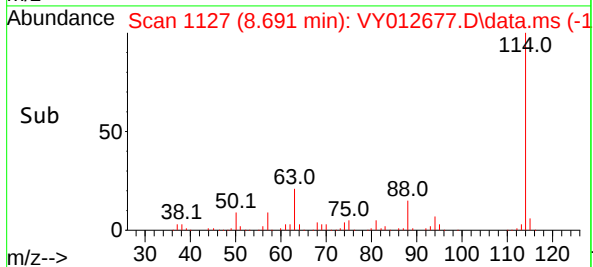
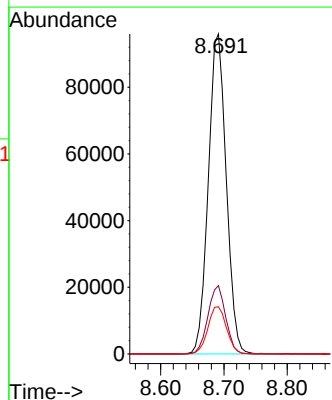
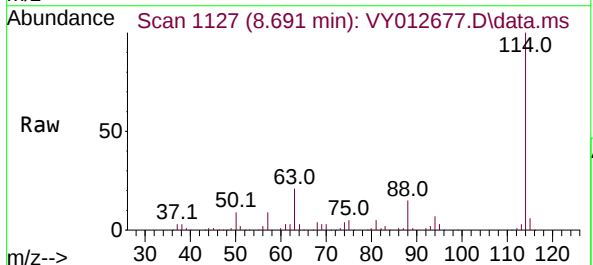
Tgt Ion: 114 Resp: 189252

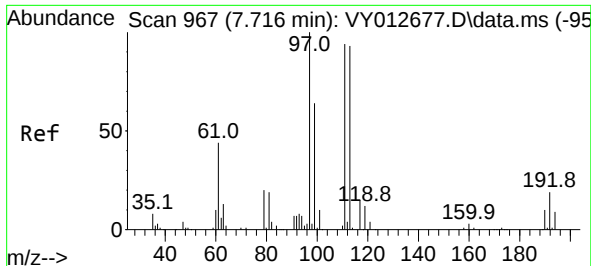
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

88 14.8 0.0 29.6

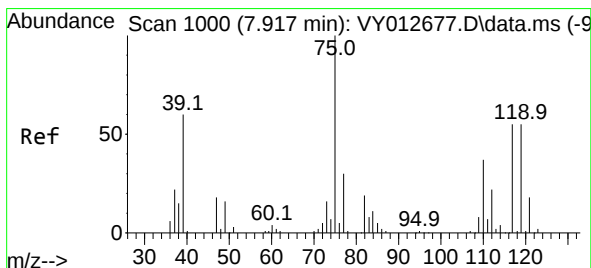
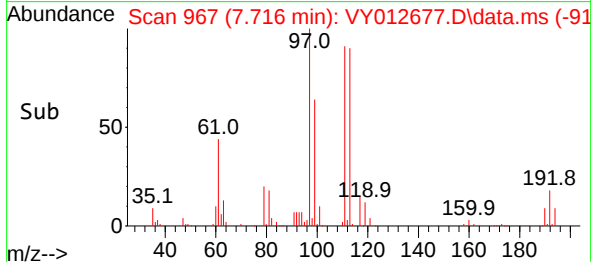
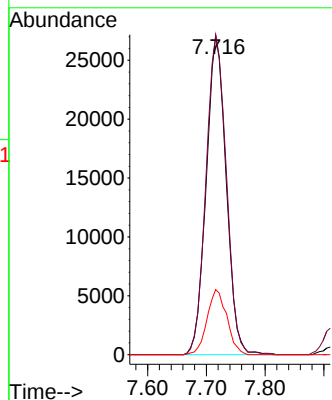
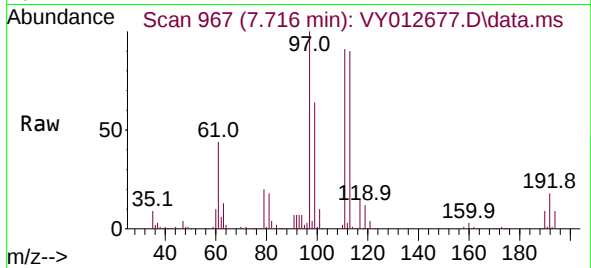




#35
Dibromofluoromethane
Concen: 49.982 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

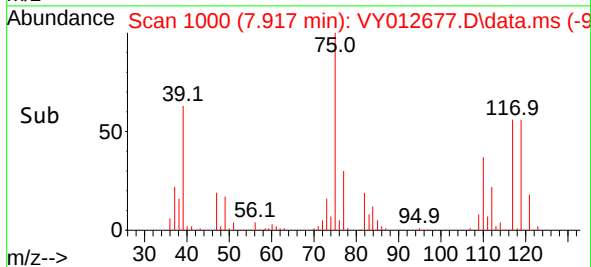
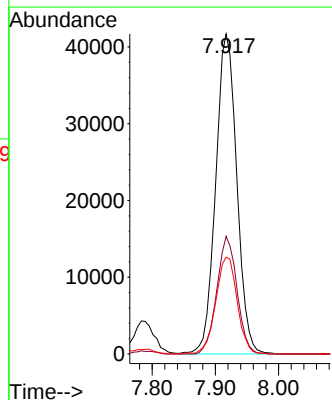
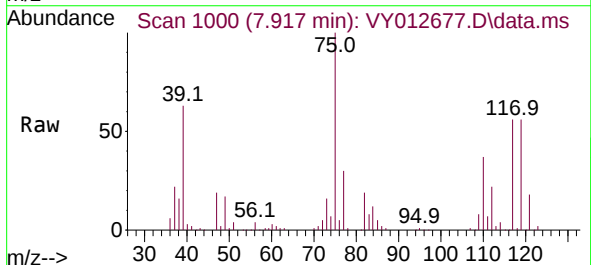
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

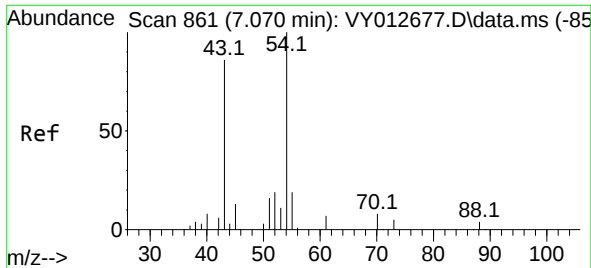
Tgt Ion:113 Resp: 63890
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 20.2 16.2 24.2



#36
1,1-Dichloropropene
Concen: 47.587 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 75 Resp: 96419
Ion Ratio Lower Upper
75 100
110 35.2 17.6 52.8
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 53.915 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

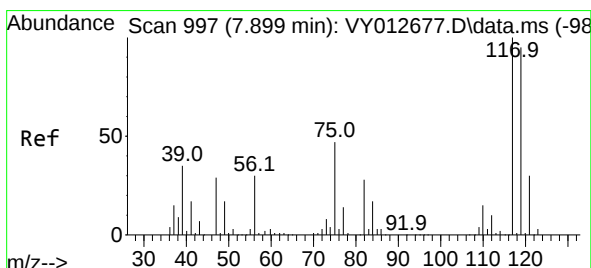
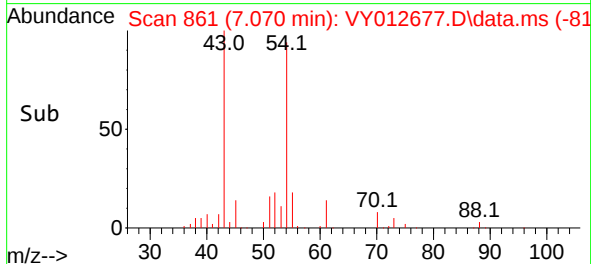
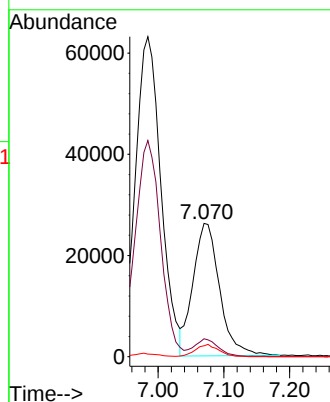
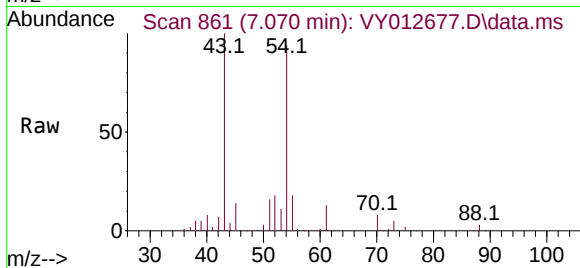
Tgt Ion: 43 Resp: 73712

Ion Ratio Lower Upper

43 100

61 12.4 9.9 14.9

70 8.0 6.4 9.6



#38

Carbon Tetrachloride

Concen: 47.929 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

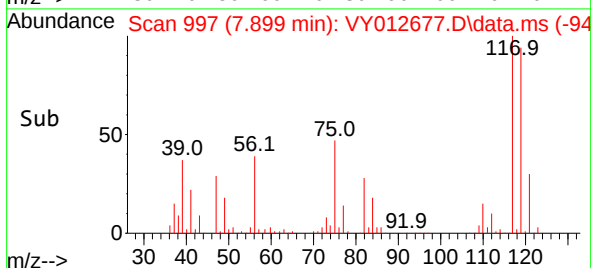
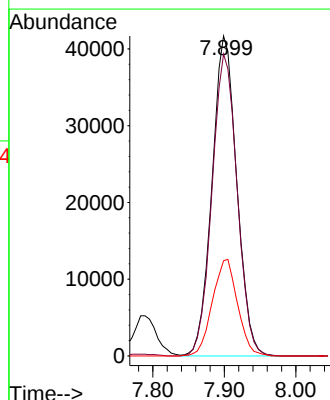
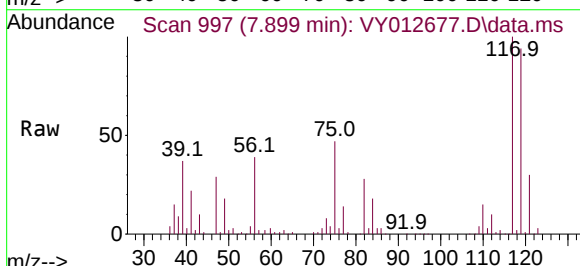
Tgt Ion: 117 Resp: 100414

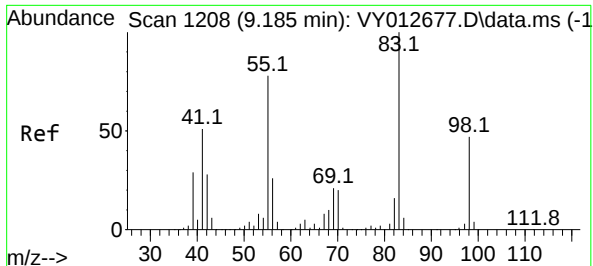
Ion Ratio Lower Upper

117 100

119 94.4 75.5 113.3

121 29.8 23.8 35.8





#39

Methylcyclohexane

Concen: 49.146 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

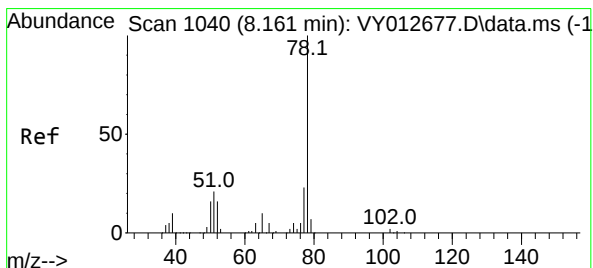
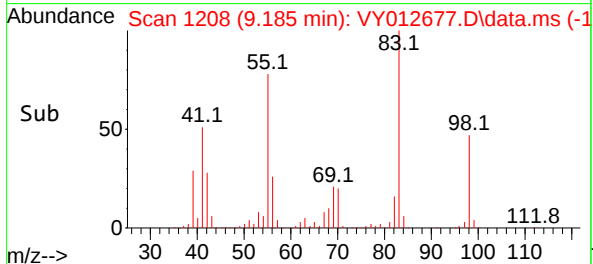
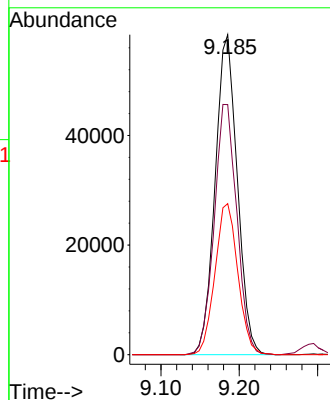
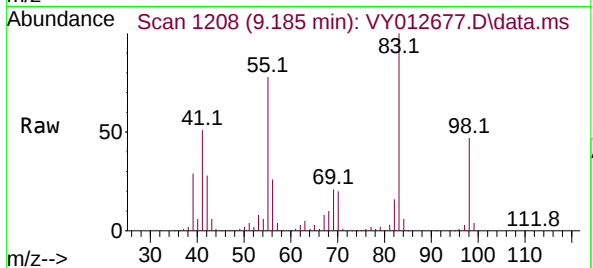
Tgt Ion: 83 Resp: 114868

Ion Ratio Lower Upper

83 100

55 78.1 62.5 93.7

98 47.2 37.8 56.6



#40

Benzene

Concen: 48.795 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012677.D

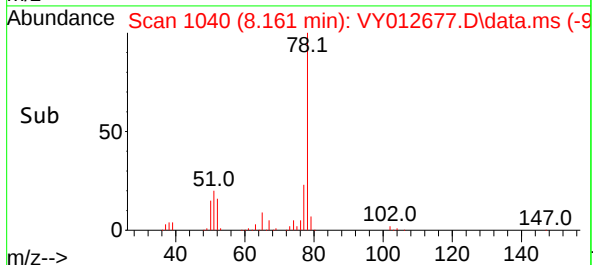
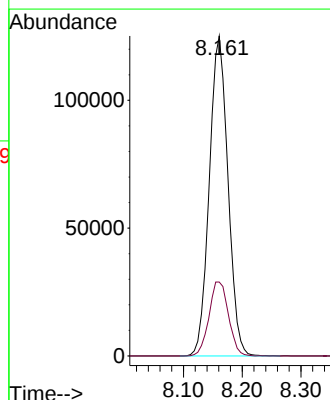
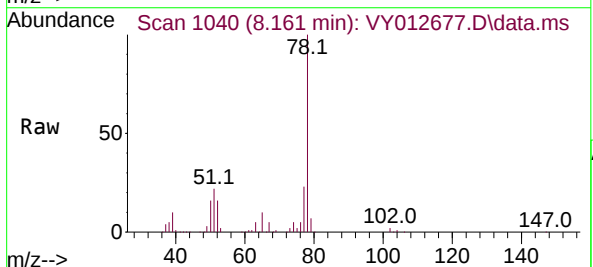
Acq: 21 Feb 2023 16:23

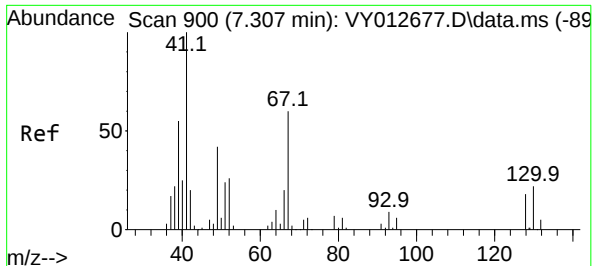
Tgt Ion: 78 Resp: 275974

Ion Ratio Lower Upper

78 100

77 23.1 18.5 27.7

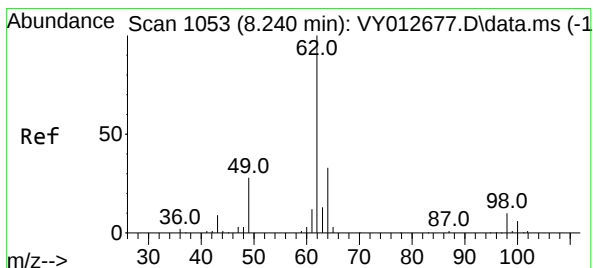
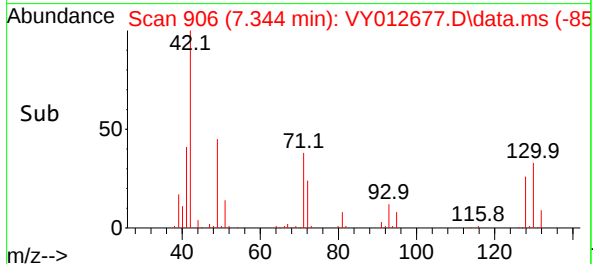
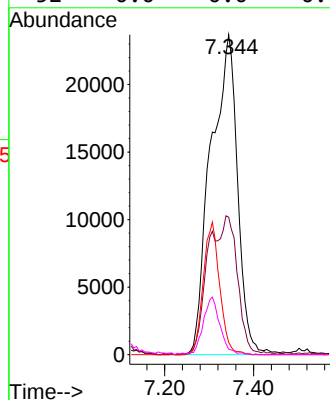
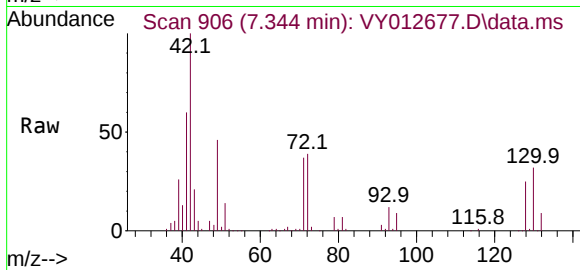




#41
Methacrylonitrile
Concen: 148.185 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

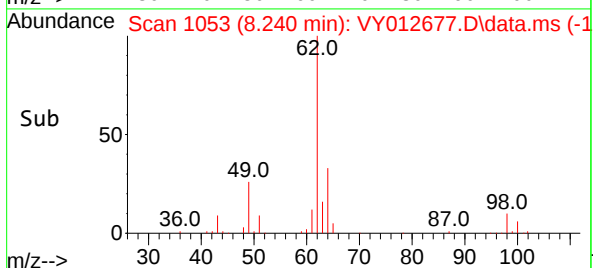
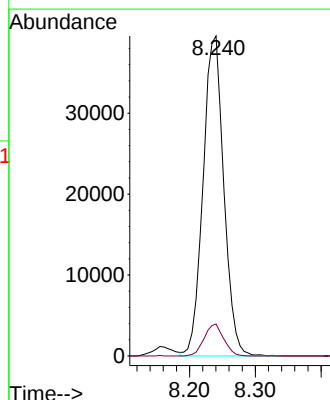
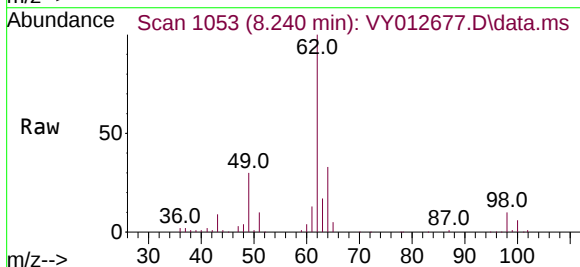
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

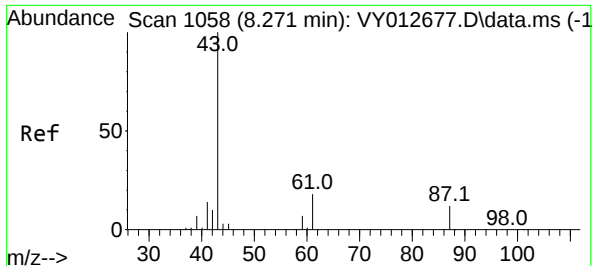
Tgt Ion:	41	Resp:	98694
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.517 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion:	62	Resp:	86842
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8





#43

Isopropyl Acetate

Concen: 53.158 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

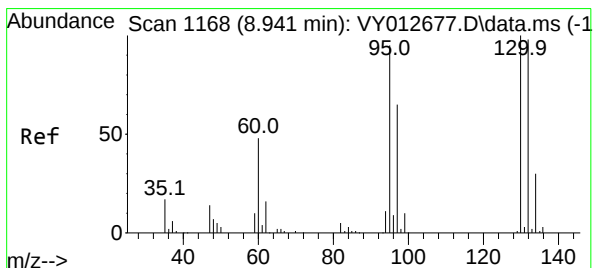
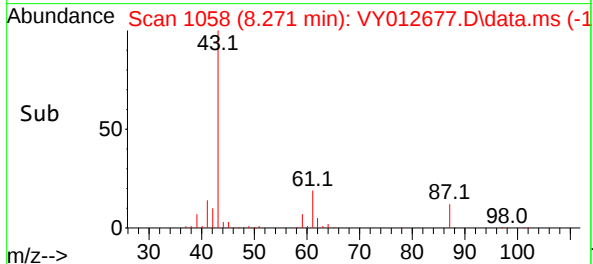
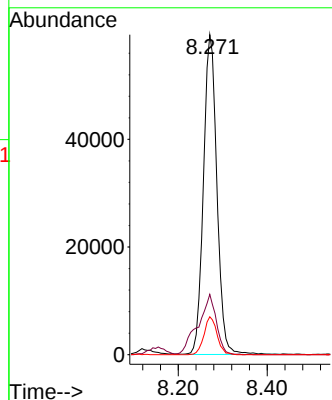
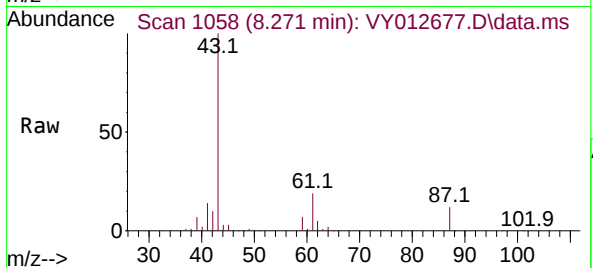
Tgt Ion: 43 Resp: 125590

Ion Ratio Lower Upper

43 100

61 25.6 20.5 30.7

87 11.5 9.2 13.8



#44

Trichloroethene

Concen: 47.958 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012677.D

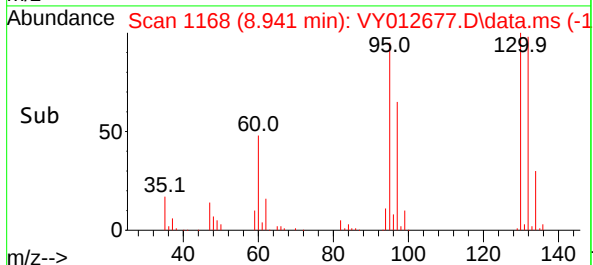
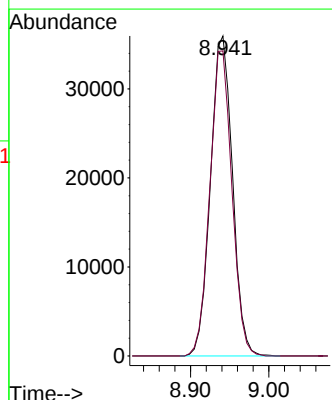
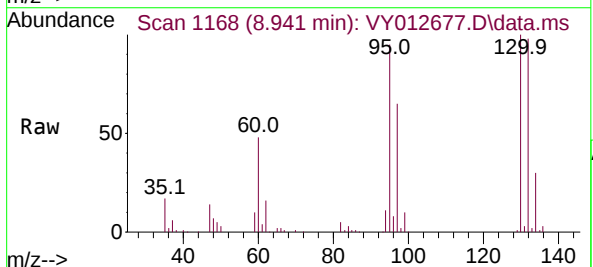
Acq: 21 Feb 2023 16:23

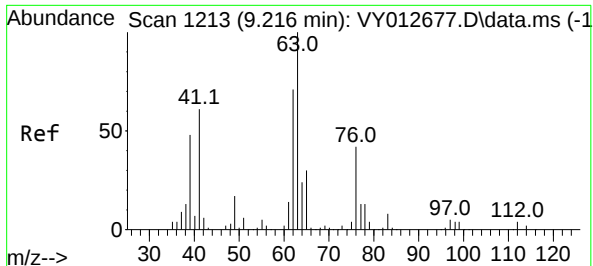
Tgt Ion:130 Resp: 70128

Ion Ratio Lower Upper

130 100

95 95.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 49.380 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

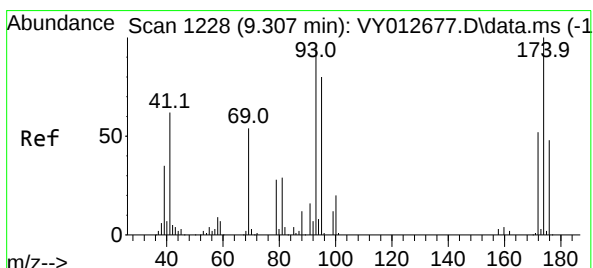
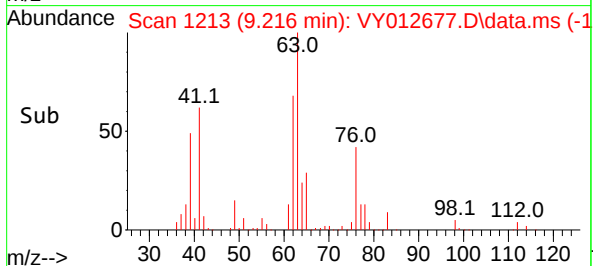
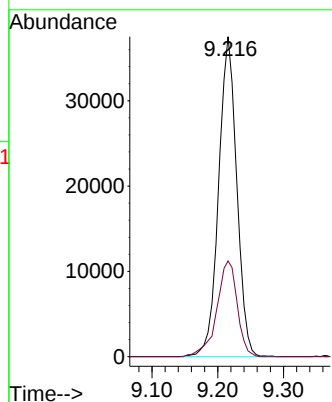
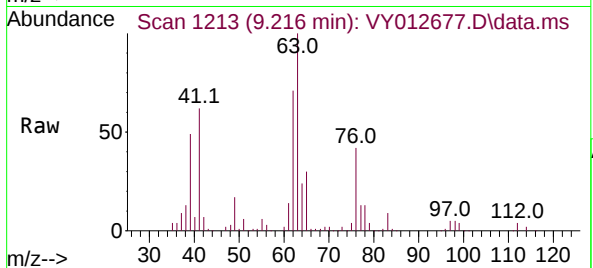
VSTDICCC050

Tgt Ion: 63 Resp: 71838

Ion Ratio Lower Upper

63 100

65 29.9 23.9 35.9



#46

Dibromomethane

Concen: 50.811 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

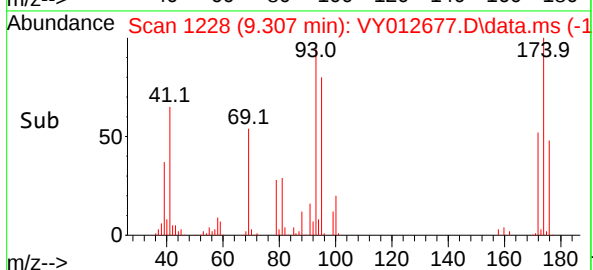
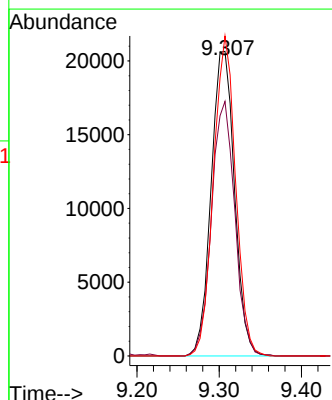
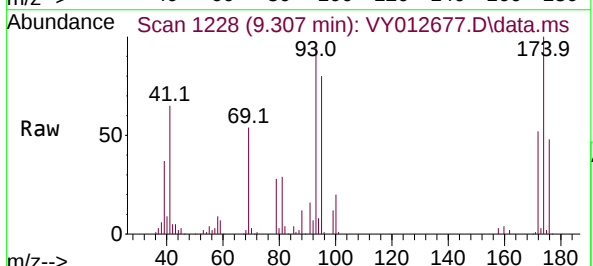
Tgt Ion: 93 Resp: 40805

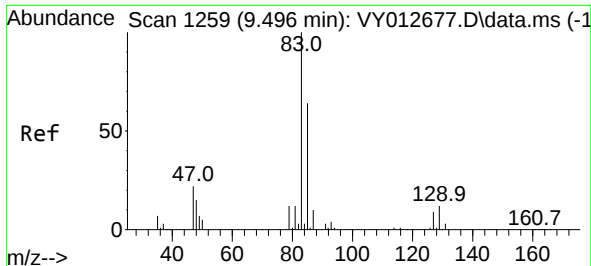
Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 99.7 79.8 119.6

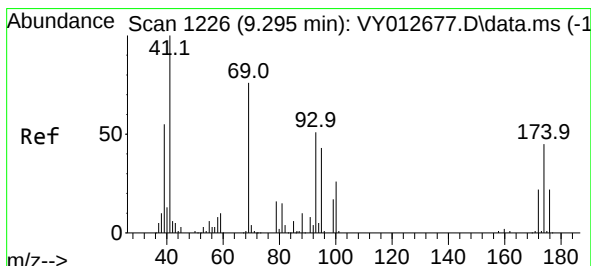
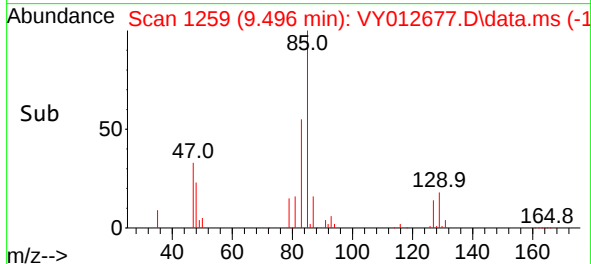
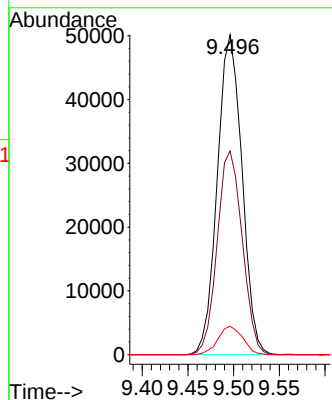
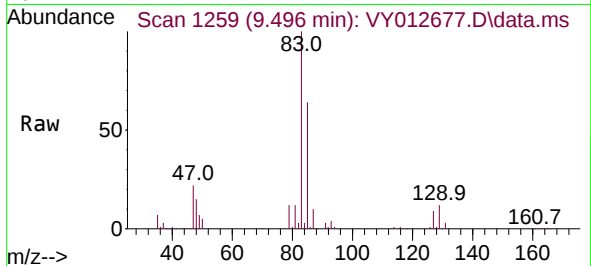




#47
Bromodichloromethane
Concen: 48.816 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

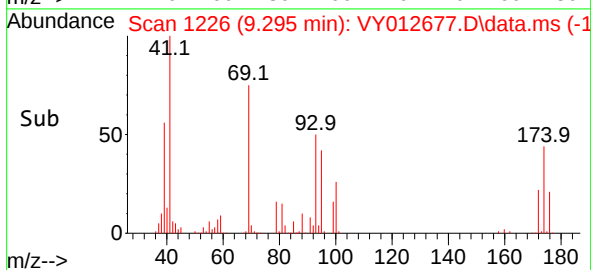
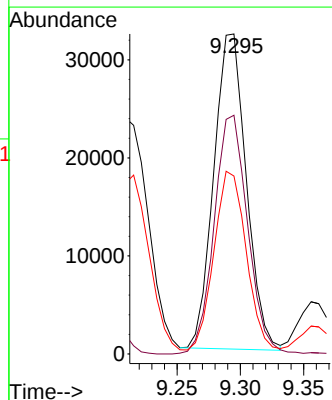
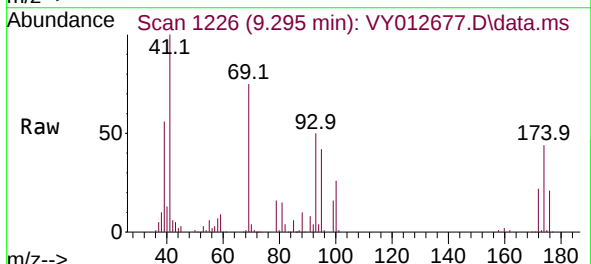
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

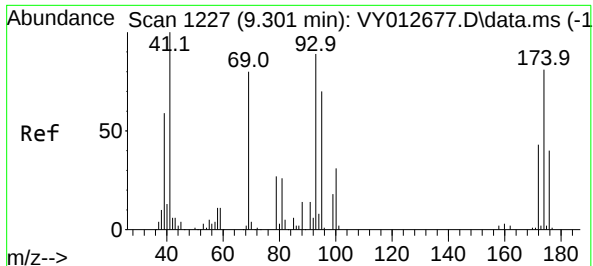
Tgt Ion: 83 Resp: 94377
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 52.079 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 41 Resp: 57415
Ion Ratio Lower Upper
41 100
69 78.2 62.6 93.8
39 56.4 45.1 67.7





#49

1,4-Dioxane

Concen: 885.432 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

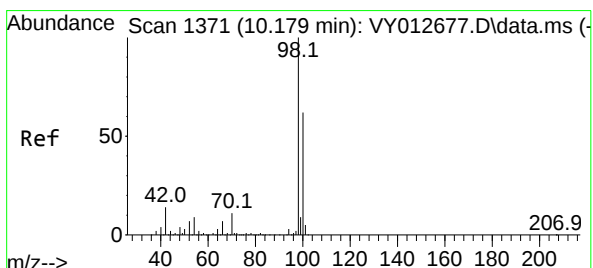
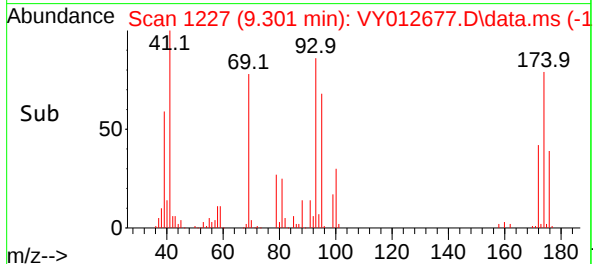
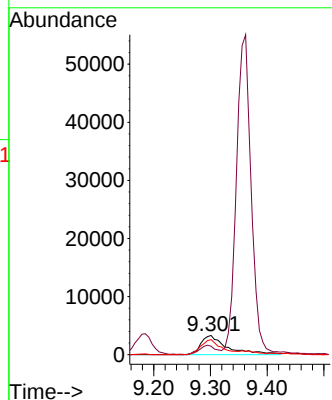
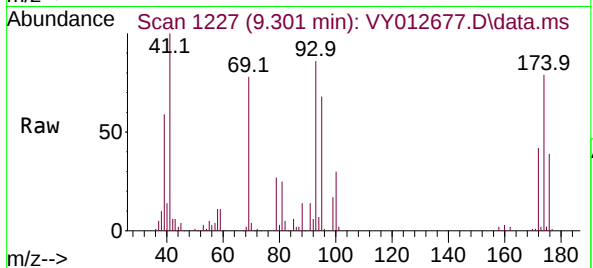
Tgt Ion: 88 Resp: 10848

Ion Ratio Lower Upper

88 100

43 30.8 23.1 34.7

58 60.9 45.8 68.8



#50

Toluene-d8

Concen: 49.611 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012677.D

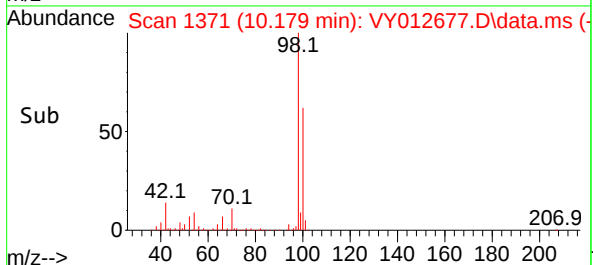
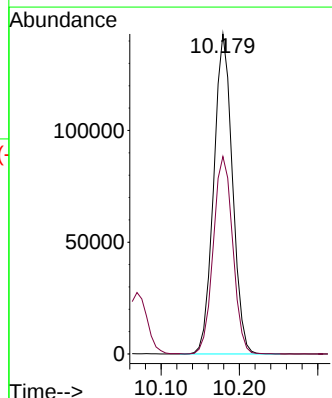
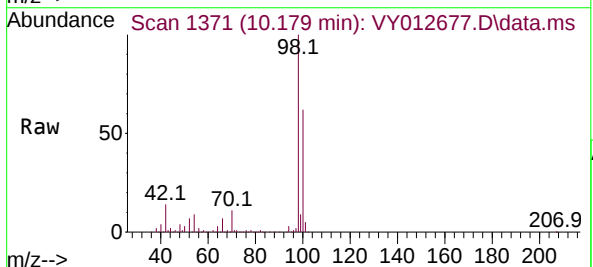
Acq: 21 Feb 2023 16:23

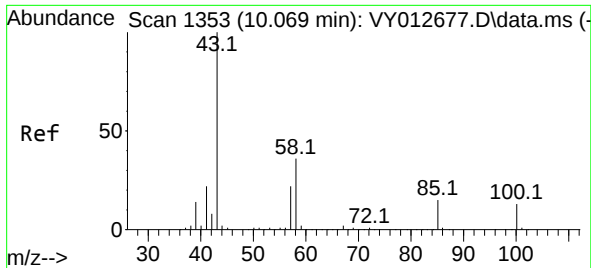
Tgt Ion: 98 Resp: 237582

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8

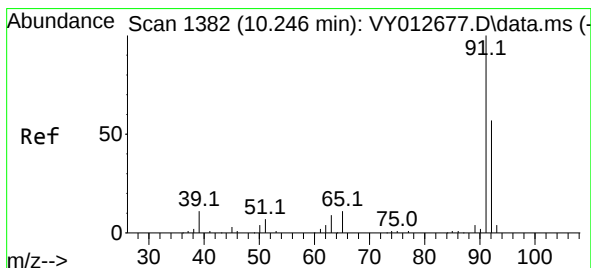
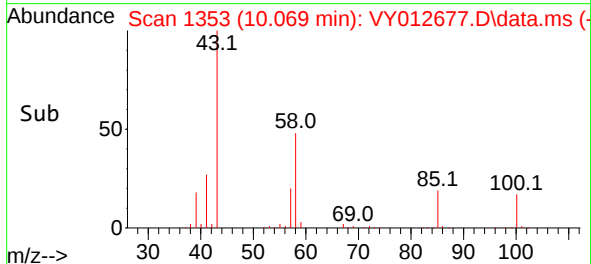
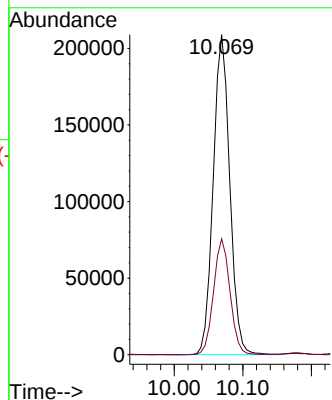
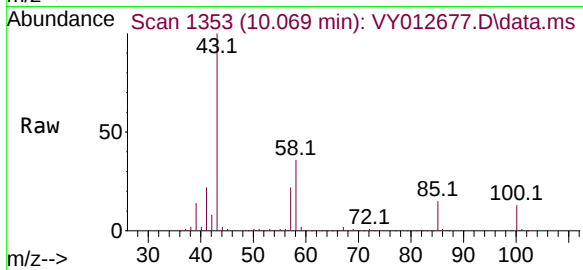




#51
4-Methyl-2-Pentanone
Concen: 275.205 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

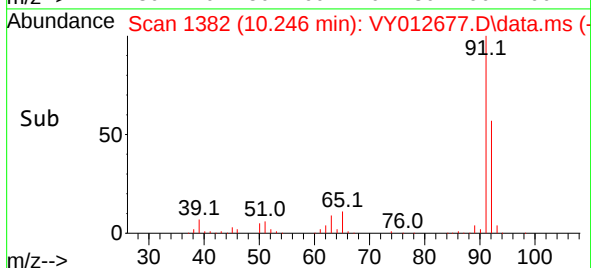
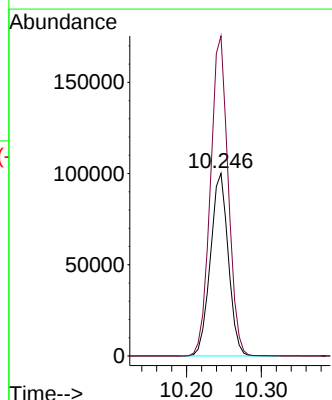
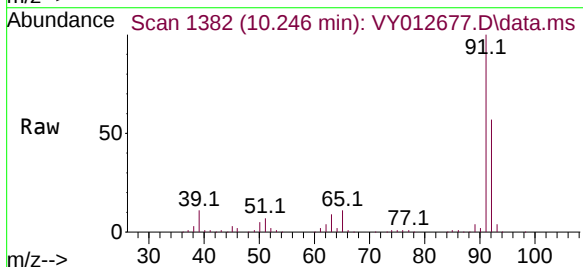
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

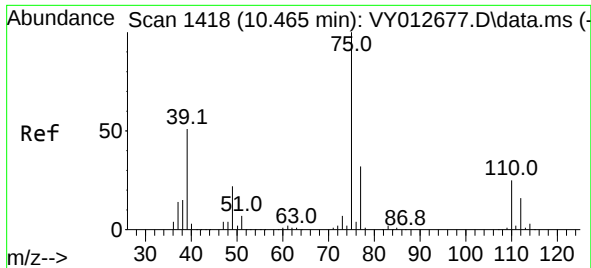
Tgt Ion: 43 Resp: 350729
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2



#52
Toluene
Concen: 49.489 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 92 Resp: 165841
Ion Ratio Lower Upper
92 100
91 174.4 139.5 209.3

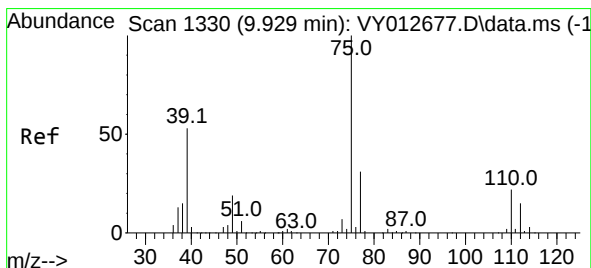
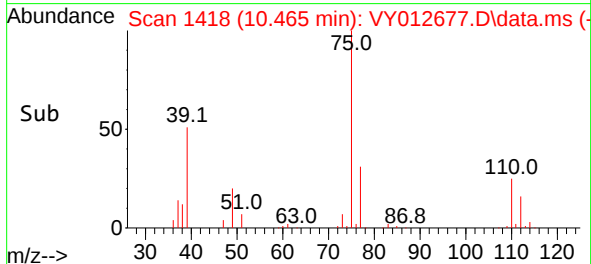
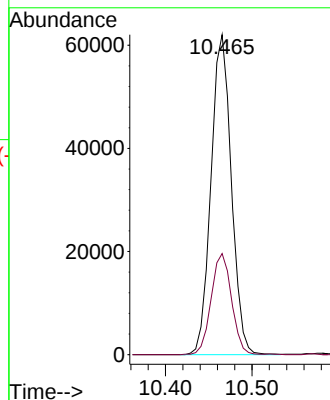
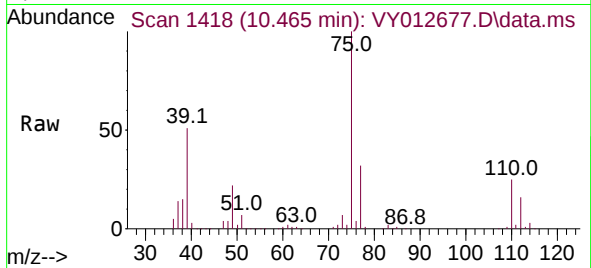




#53
 t-1,3-Dichloropropene
 Concen: 50.115 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012677.D
 Acq: 21 Feb 2023 16:23

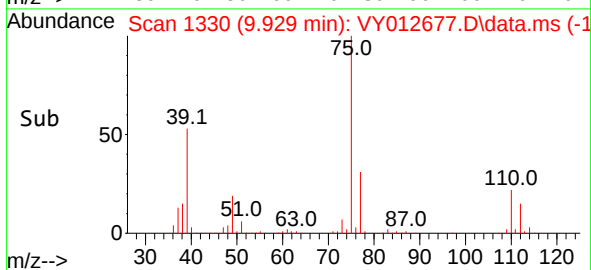
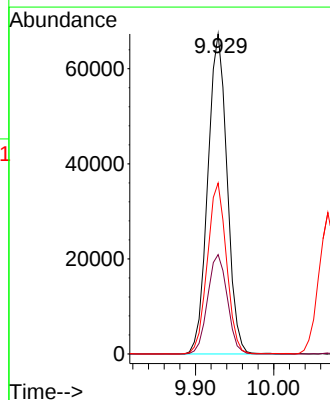
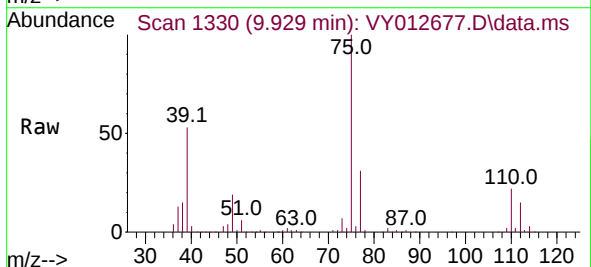
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

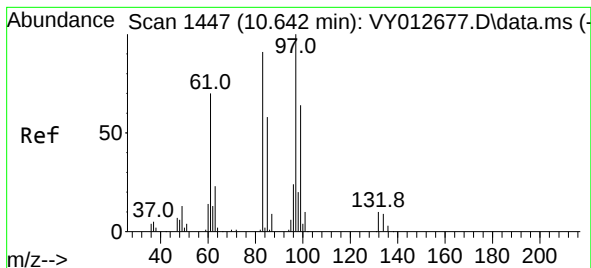
Tgt Ion: 75 Resp: 101246
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.214 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012677.D
 Acq: 21 Feb 2023 16:23

Tgt Ion: 75 Resp: 114793
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3
 39 53.4 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 49.525 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 54021

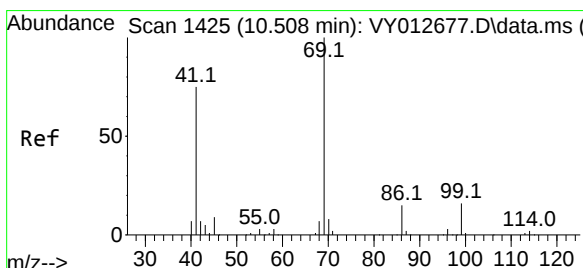
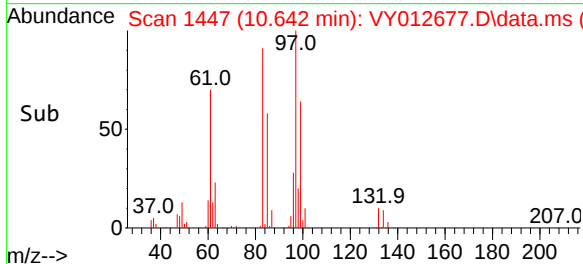
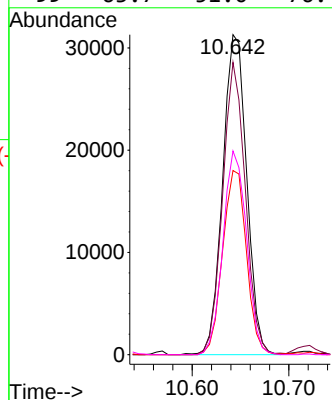
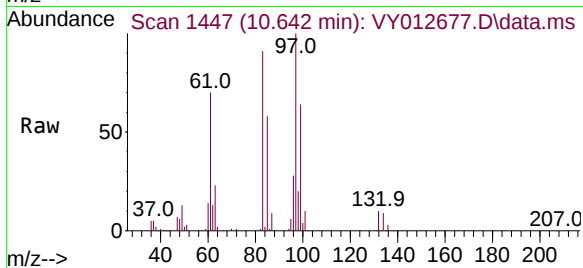
Ion Ratio Lower Upper

97 100

83 91.4 73.1 109.7

85 57.6 46.1 69.1

99 63.7 51.0 76.4



#56

Ethyl methacrylate

Concen: 53.944 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

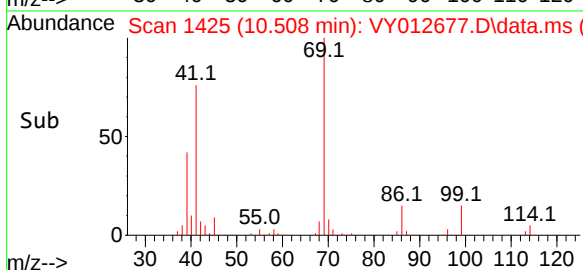
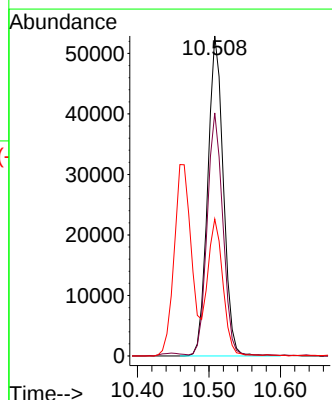
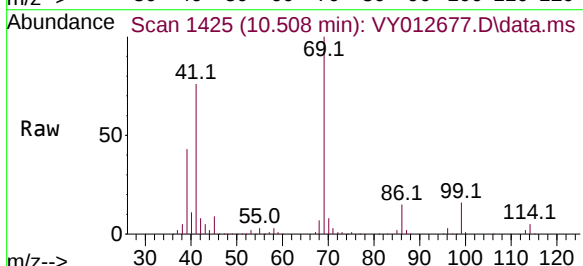
Tgt Ion: 69 Resp: 80358

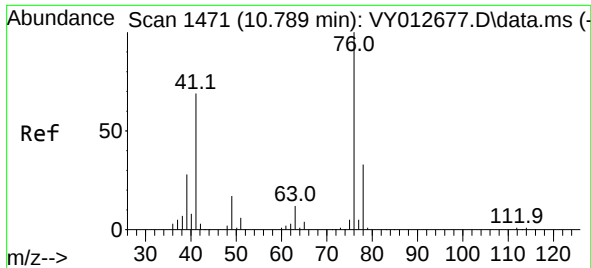
Ion Ratio Lower Upper

69 100

41 75.3 60.2 90.4

39 40.5 32.4 48.6

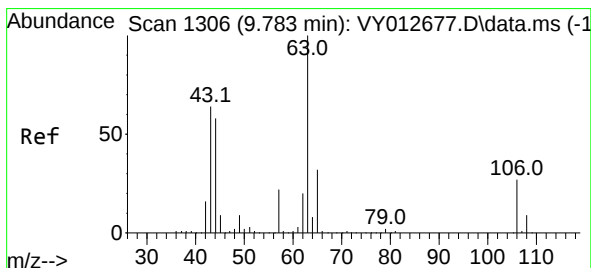
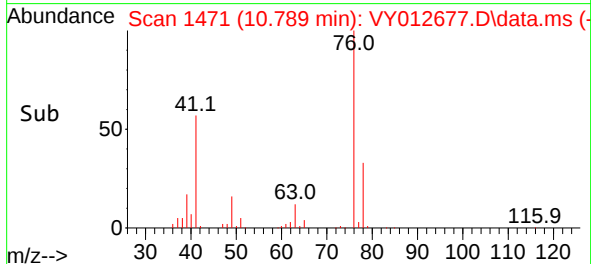
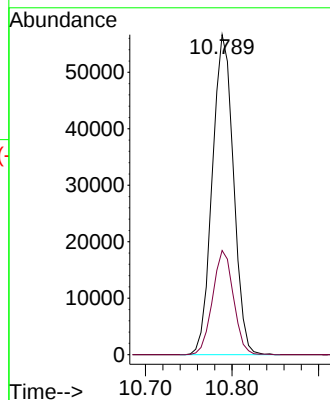
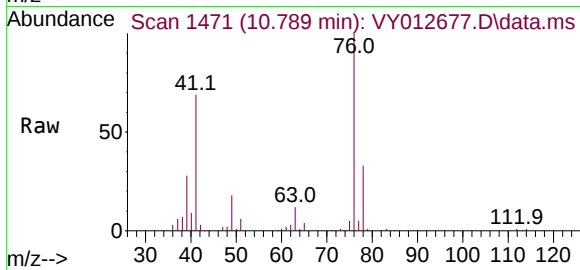




#57
1,3-Dichloropropane
Concen: 50.140 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

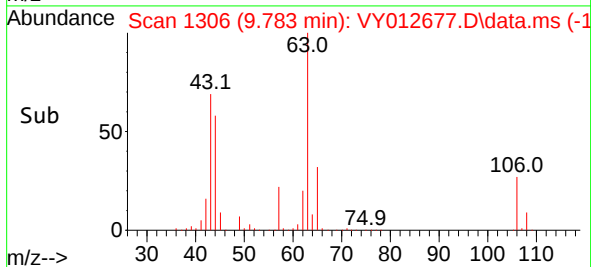
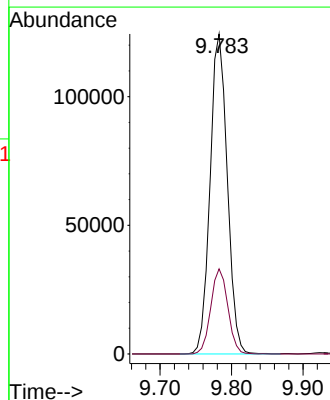
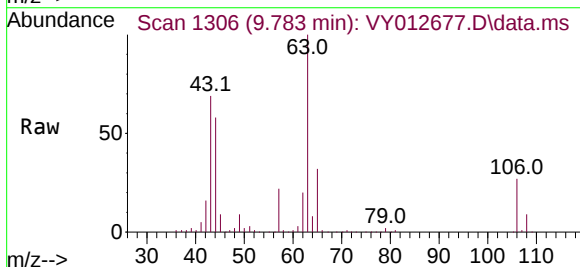
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

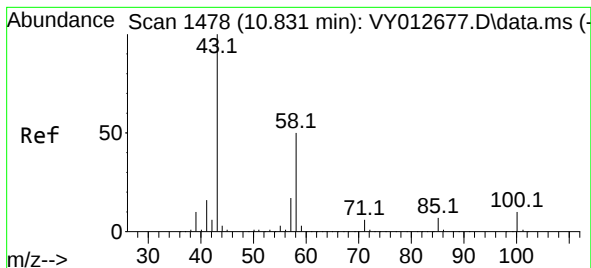
Tgt Ion: 76 Resp: 96126
Ion Ratio Lower Upper
76 100
78 32.1 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 263.900 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 63 Resp: 207748
Ion Ratio Lower Upper
63 100
106 26.3 21.0 31.6

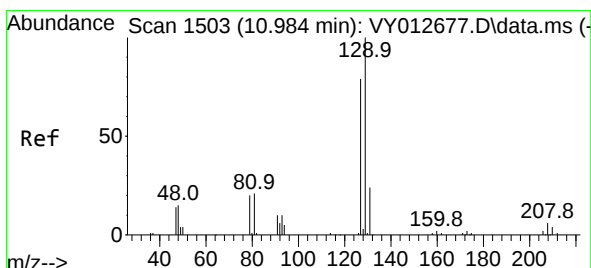
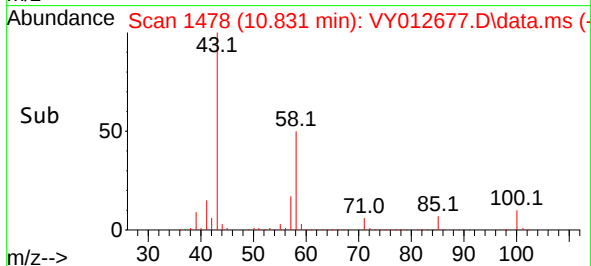
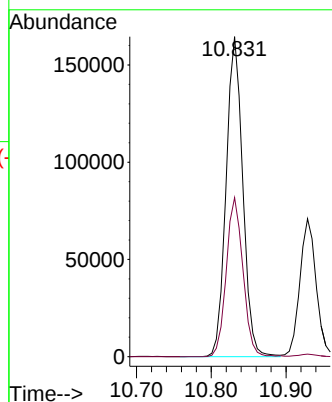
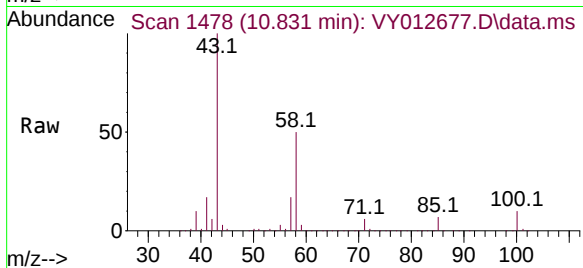




#59
2-Hexanone
Concen: 282.630 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

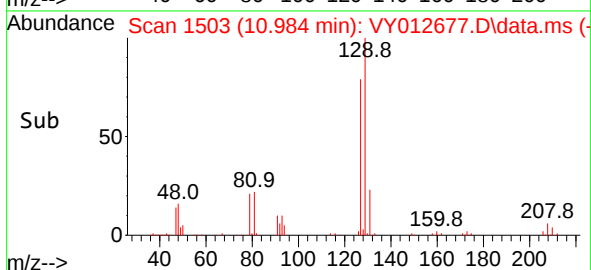
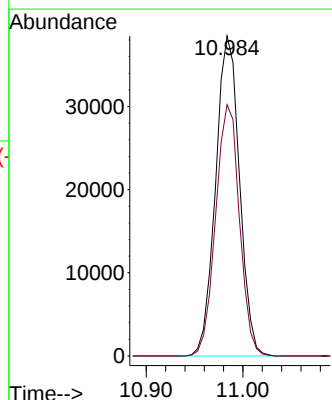
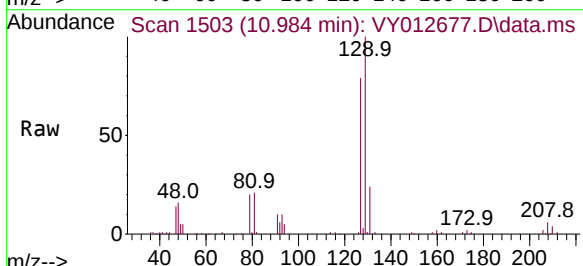
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

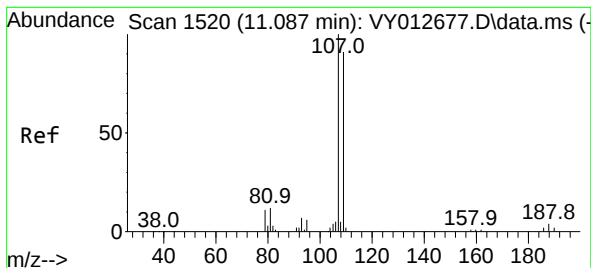
Tgt Ion: 43 Resp: 255346
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6



#60
Dibromochloromethane
Concen: 49.877 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 129 Resp: 65914
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3

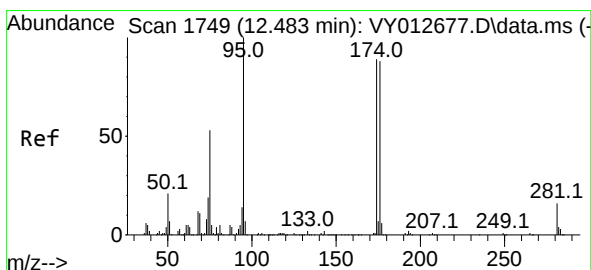
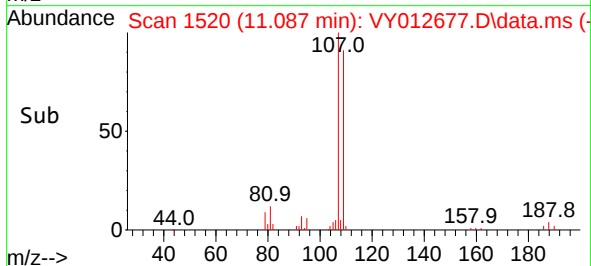
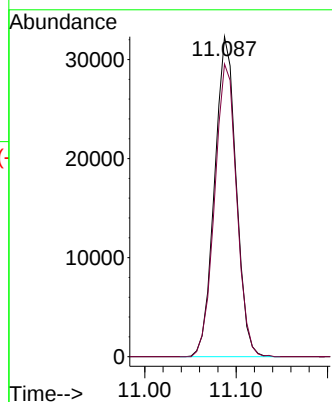
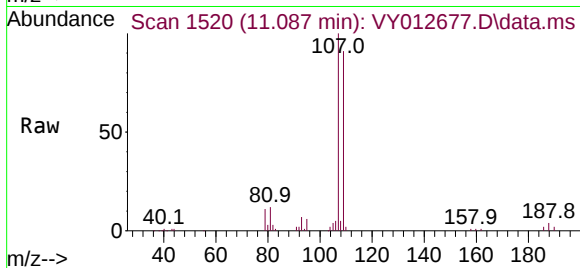




#61
1,2-Dibromoethane
Concen: 50.593 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

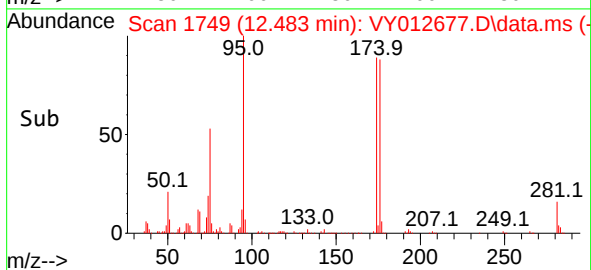
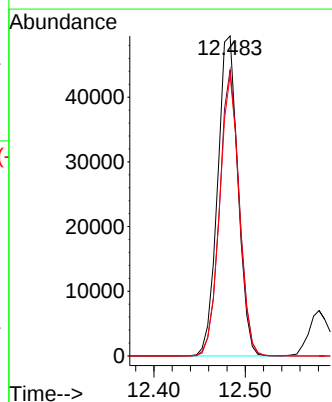
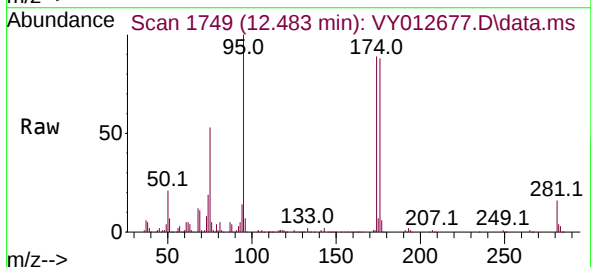
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

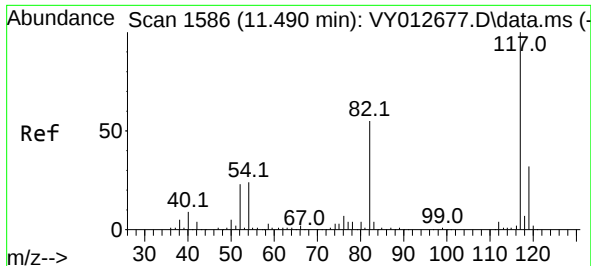
Tgt Ion:107 Resp: 52872
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 49.855 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 95 Resp: 76403
Ion Ratio Lower Upper
95 100
174 86.4 0.0 172.8
176 84.7 0.0 169.4

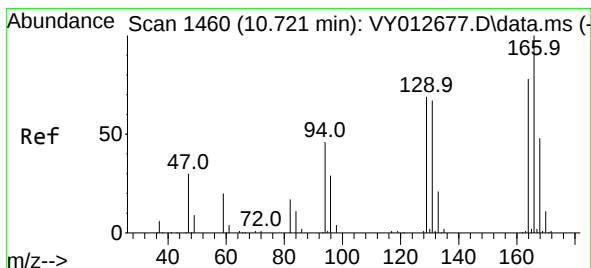
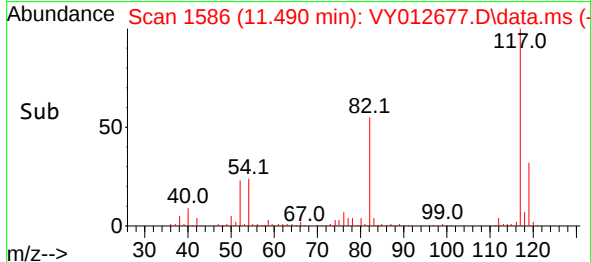
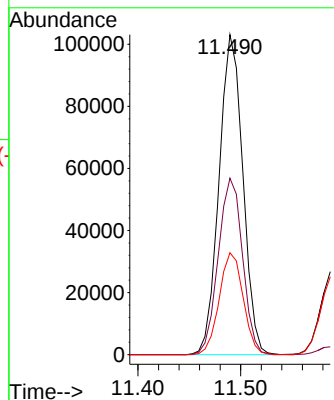
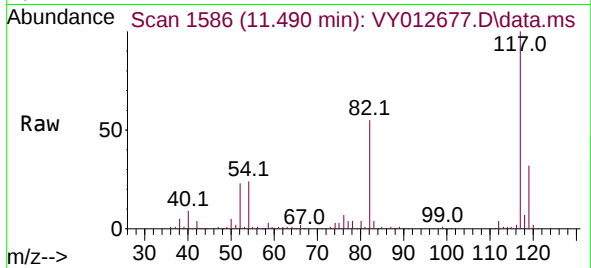




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

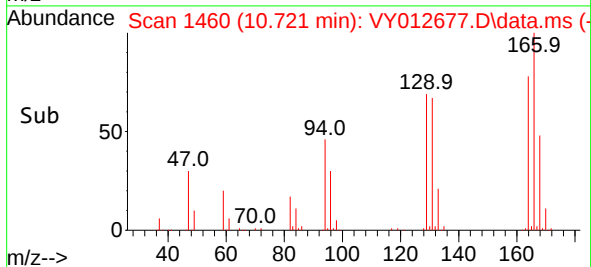
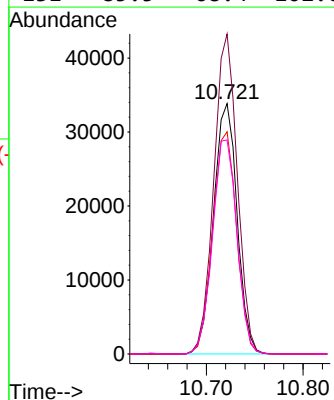
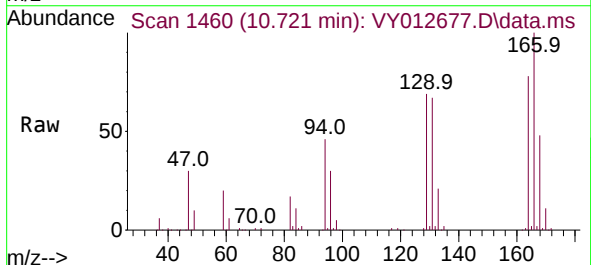
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

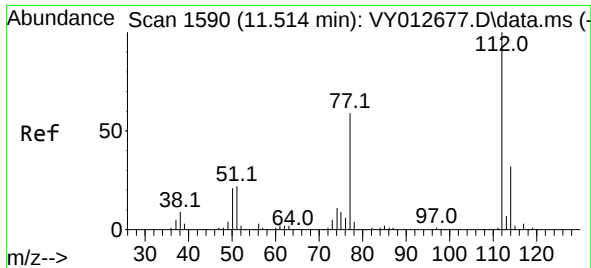
Tgt Ion:117 Resp: 165776
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 47.696 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion:164 Resp: 57505
Ion Ratio Lower Upper
164 100
166 127.8 102.2 153.4
129 88.8 71.0 106.6
131 85.5 68.4 102.6

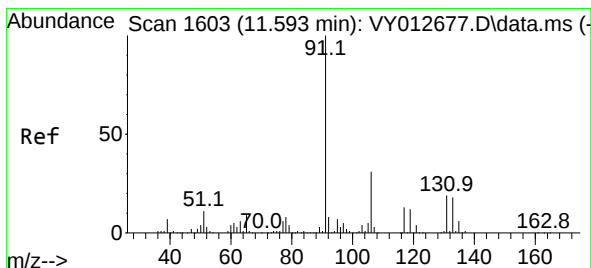
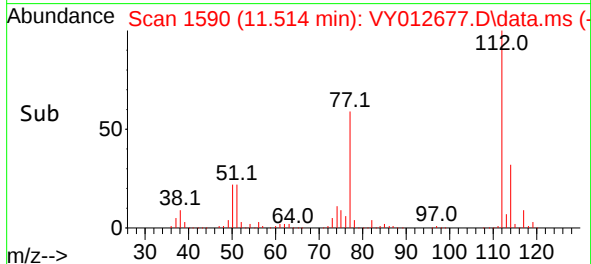
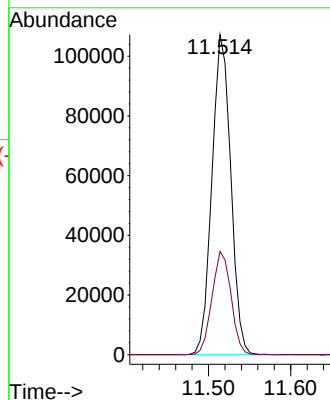
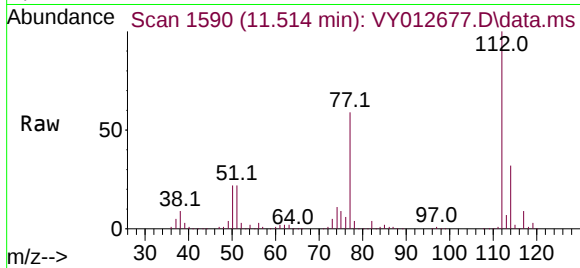




#65
Chlorobenzene
Concen: 47.977 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

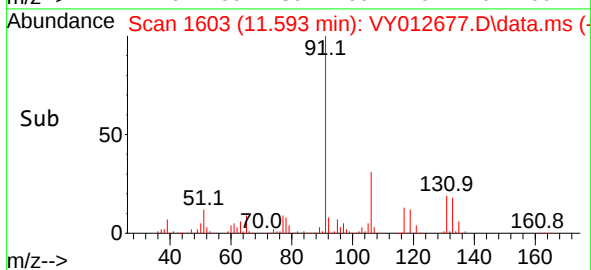
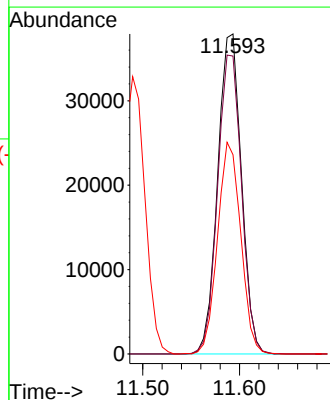
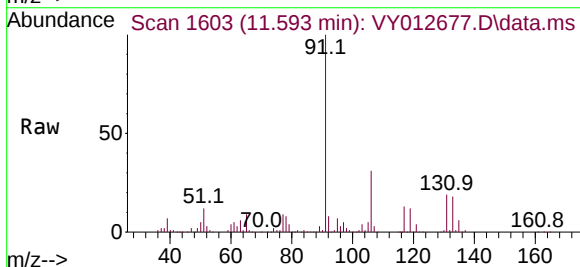
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

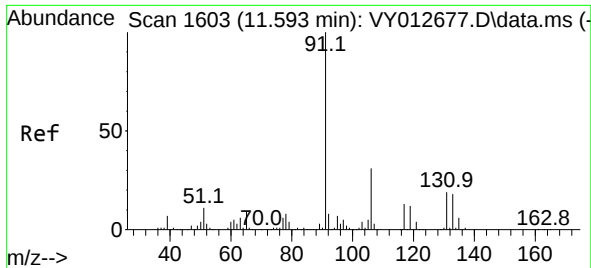
Tgt Ion:112 Resp: 170554
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.999 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion:131 Resp: 64554
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.3
119 64.8 32.4 97.2

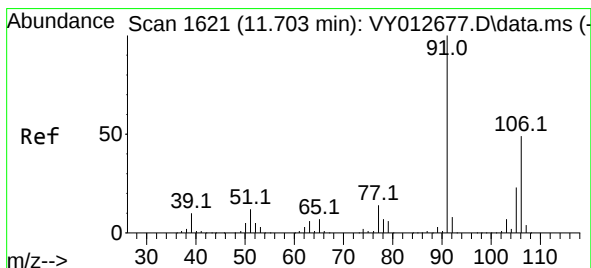
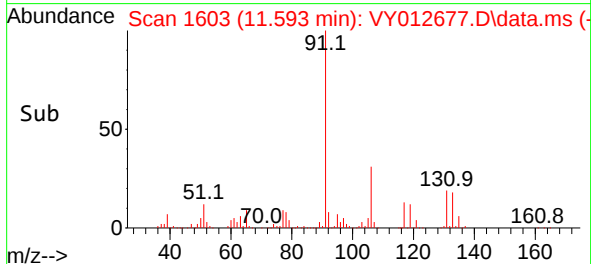
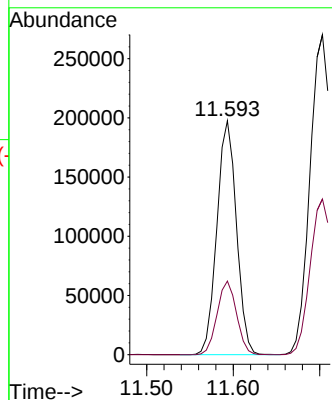
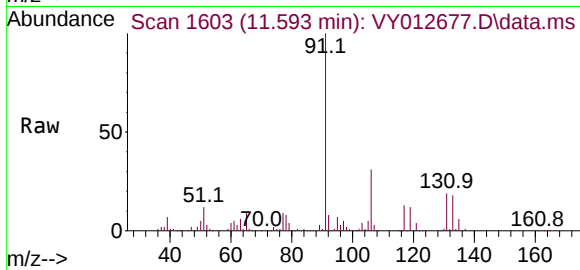




#67
Ethyl Benzene
Concen: 48.731 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

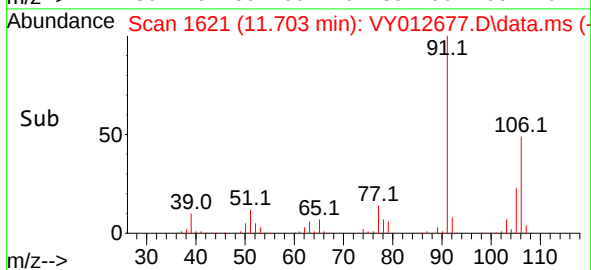
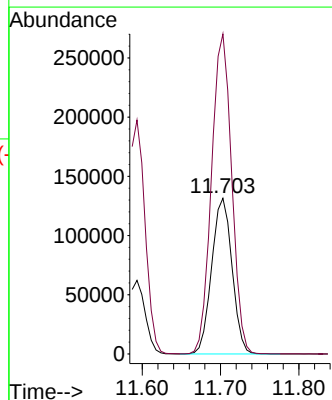
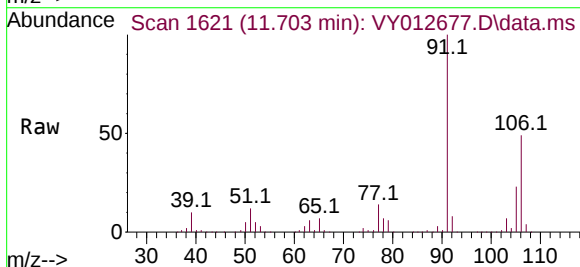
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

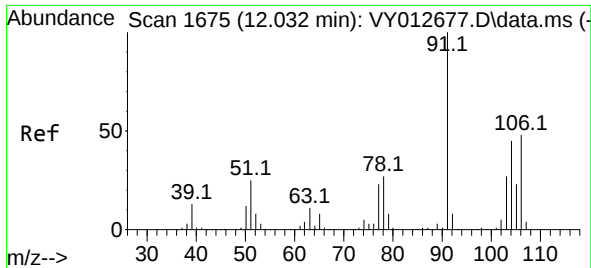
Tgt Ion: 91 Resp: 309655
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 97.936 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion:106 Resp: 237398
Ion Ratio Lower Upper
106 100
91 204.0 163.2 244.8

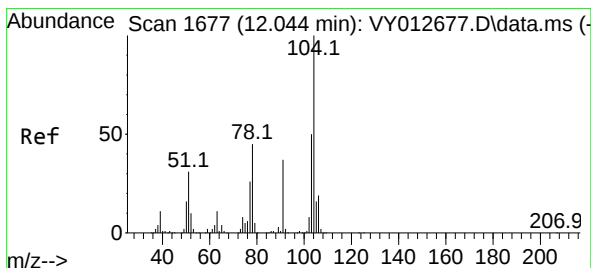
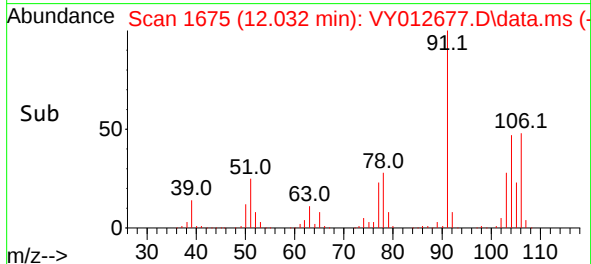
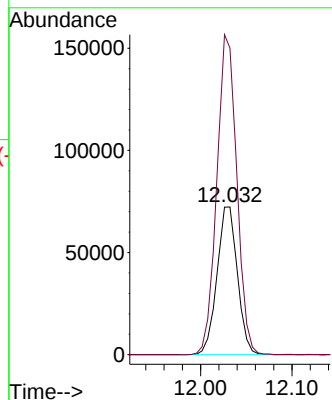
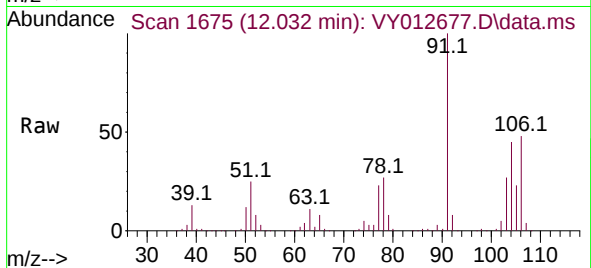




#69
o-Xylene
Concen: 50.056 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

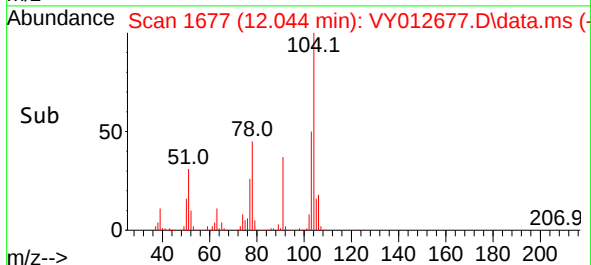
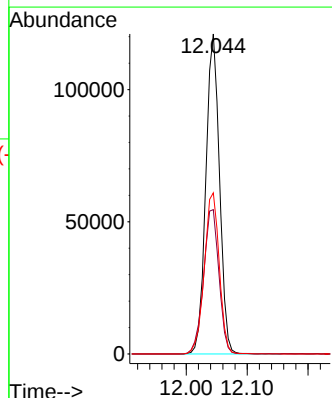
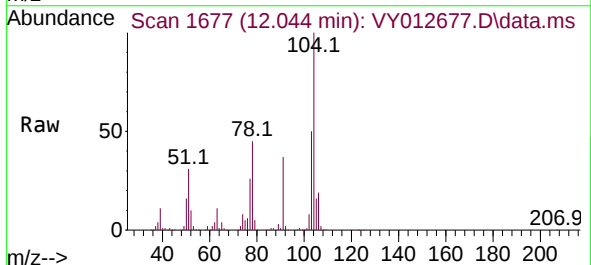
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

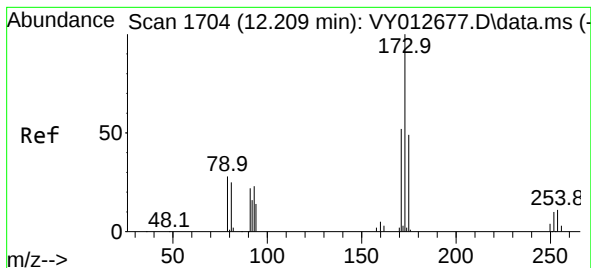
Tgt Ion:106 Resp: 112384
Ion Ratio Lower Upper
106 100
91 212.7 106.3 319.0



#70
Styrene
Concen: 50.197 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion:104 Resp: 188896
Ion Ratio Lower Upper
104 100
78 50.8 40.6 61.0
103 55.1 44.1 66.1





#71

Bromoform

Concen: 50.869 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

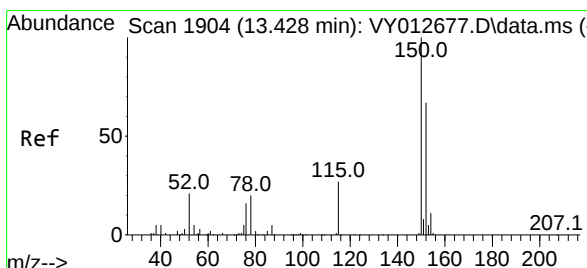
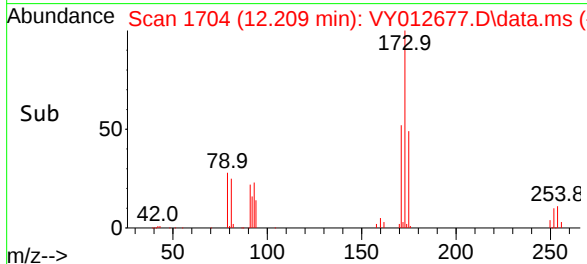
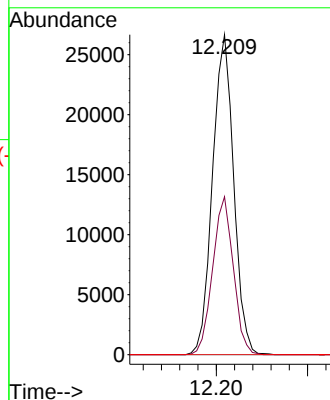
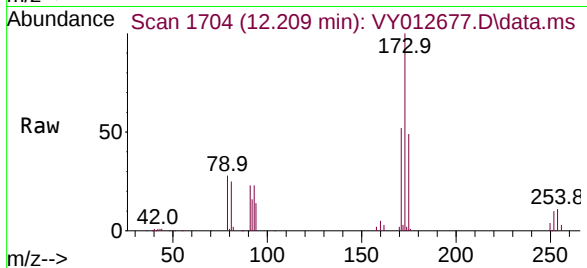
Tgt Ion:173 Resp: 42764

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

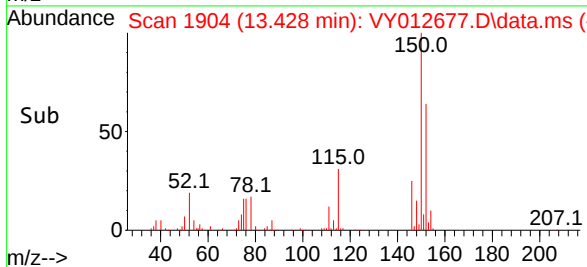
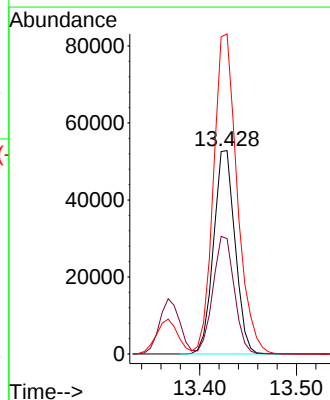
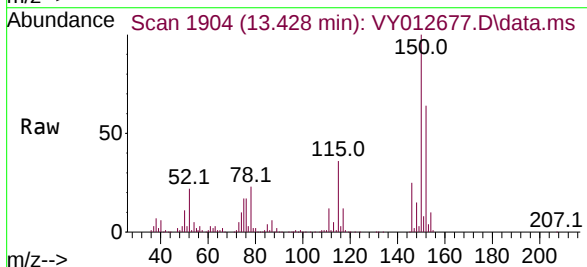
Tgt Ion:152 Resp: 81345

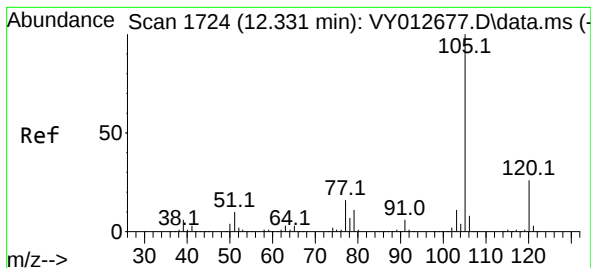
Ion Ratio Lower Upper

152 100

115 57.5 28.7 86.3

150 173.8 0.0 347.6





#73

Isopropylbenzene

Concen: 48.855 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

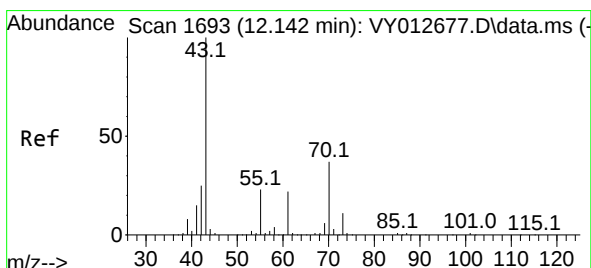
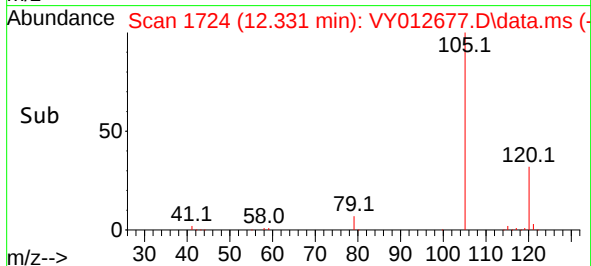
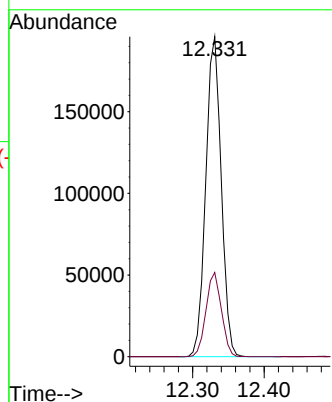
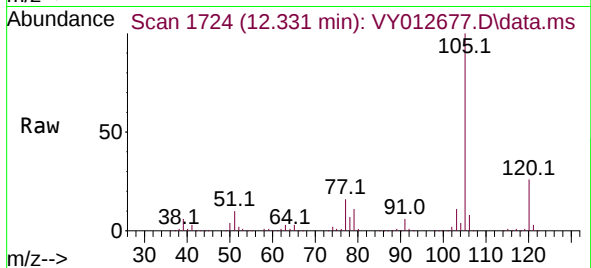
VSTDICCC050

Tgt Ion:105 Resp: 293682

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 54.076 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Tgt Ion: 43 Resp: 106858

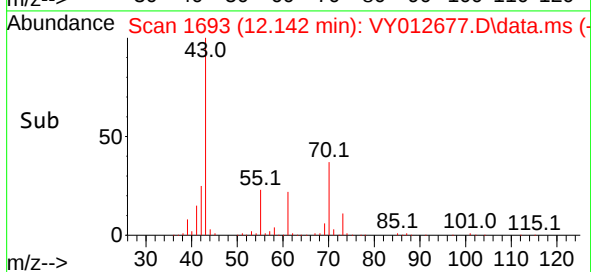
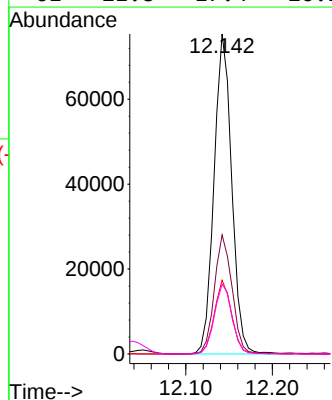
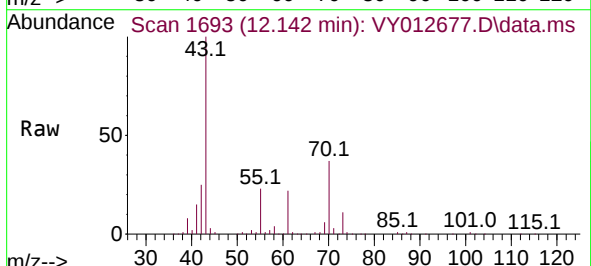
Ion Ratio Lower Upper

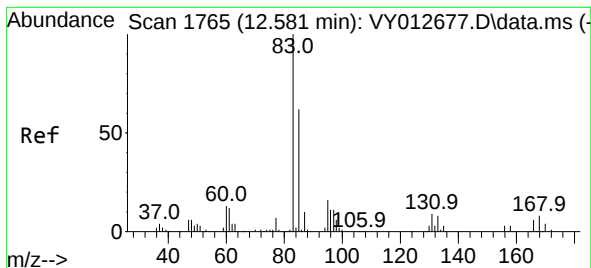
43 100

70 37.2 29.8 44.6

55 22.7 18.2 27.2

61 21.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.391 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

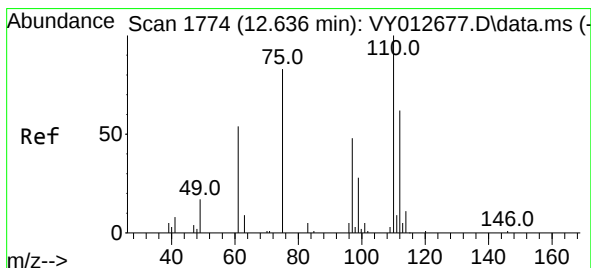
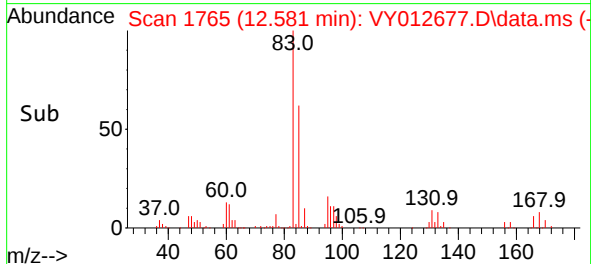
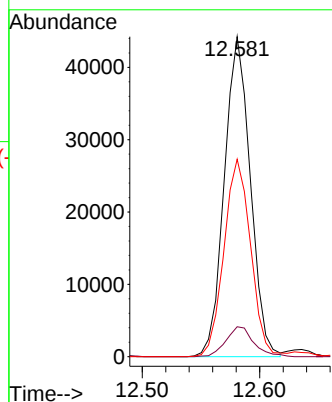
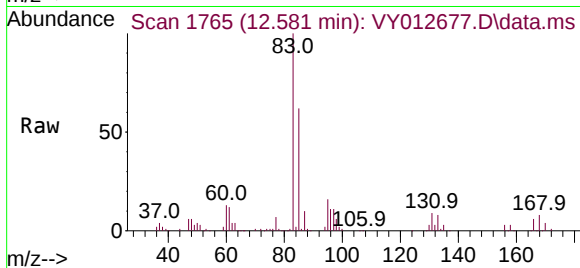
Tgt Ion: 83 Resp: 68109

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 63.3 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 91.574 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY012677.D

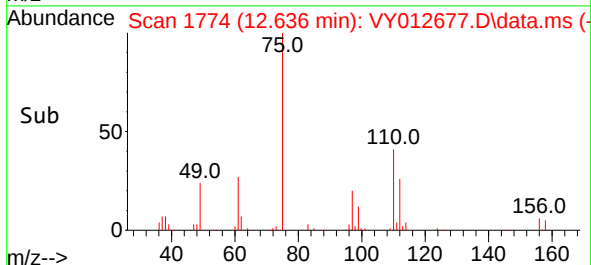
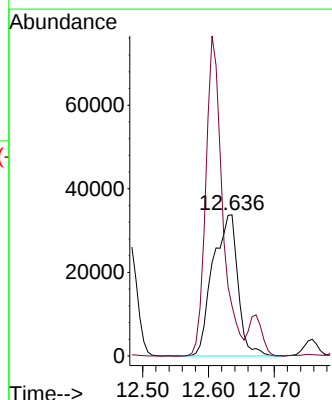
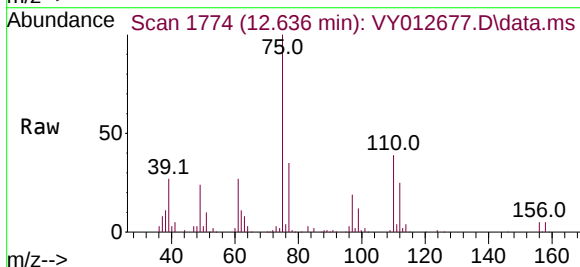
Acq: 21 Feb 2023 16:23

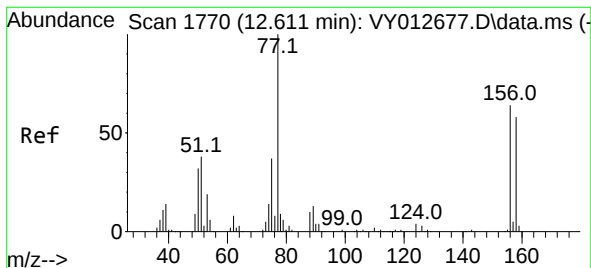
Tgt Ion: 75 Resp: 89784

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.796 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

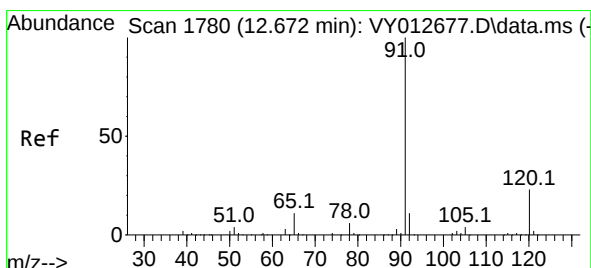
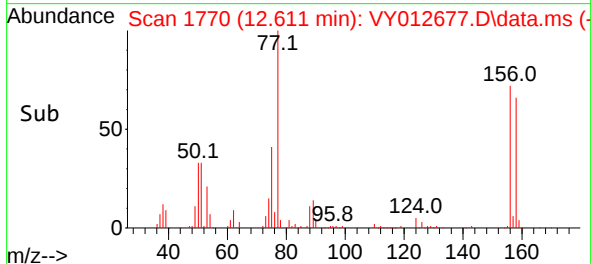
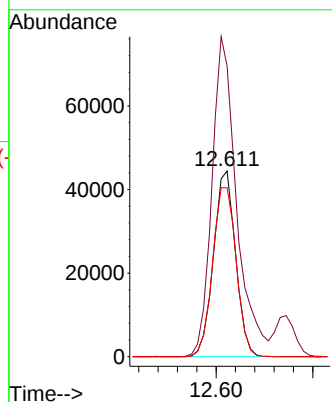
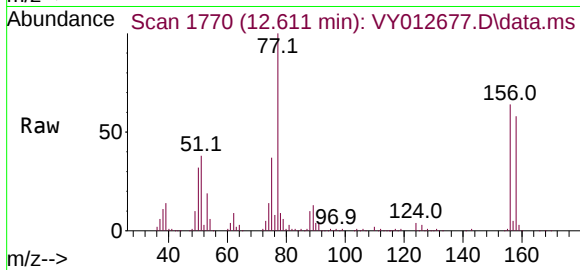
Tgt Ion:156 Resp: 70284

Ion Ratio Lower Upper

156 100

77 192.5 96.3 288.8

158 97.1 48.5 145.6



#78

n-propylbenzene

Concen: 48.379 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012677.D

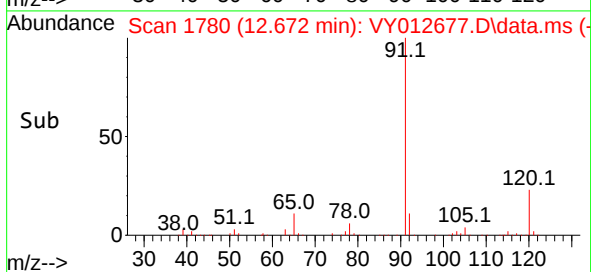
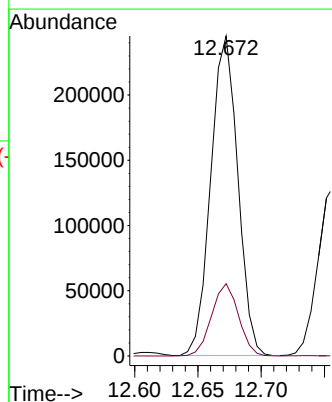
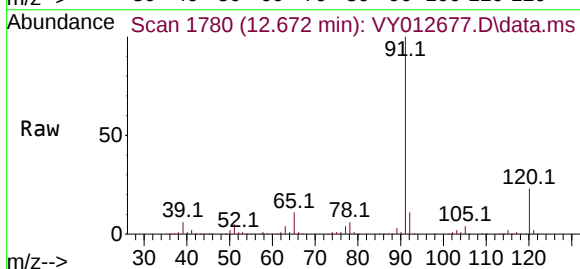
Acq: 21 Feb 2023 16:23

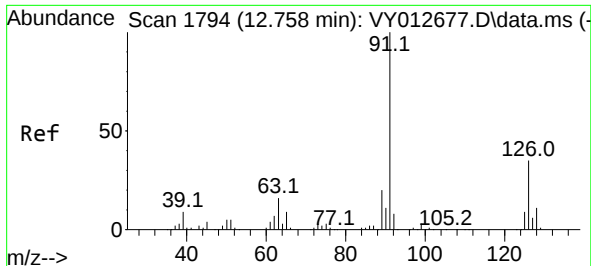
Tgt Ion: 91 Resp: 363768

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 48.147 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

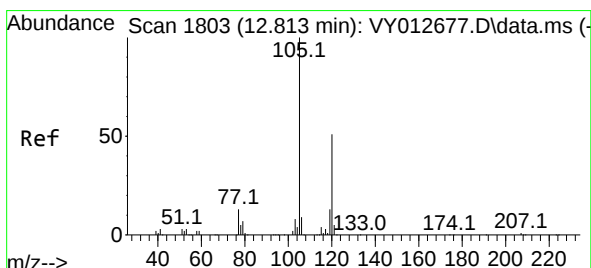
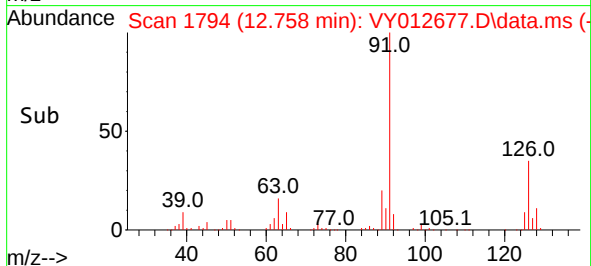
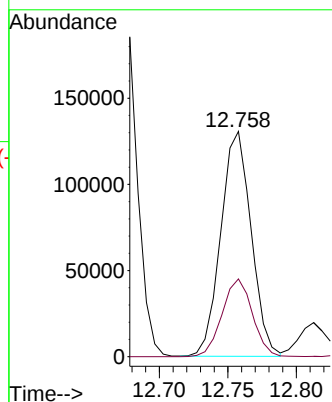
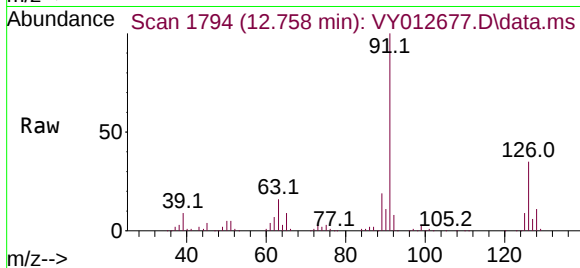
VSTDICCC050

Tgt Ion: 91 Resp: 201122

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 48.291 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012677.D

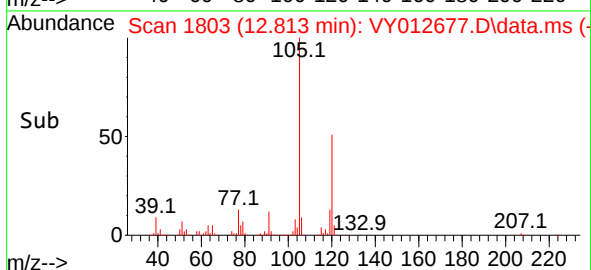
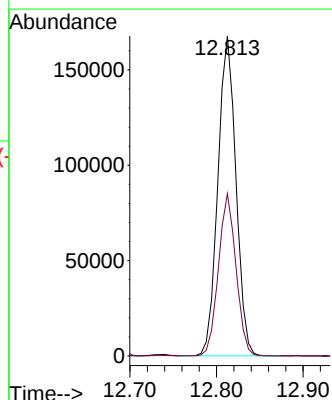
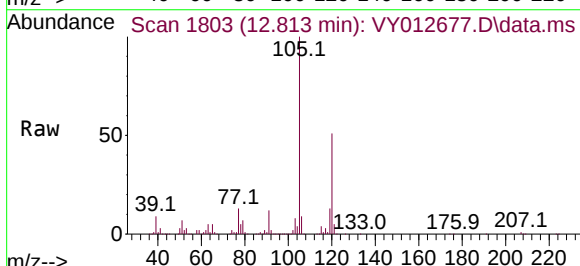
Acq: 21 Feb 2023 16:23

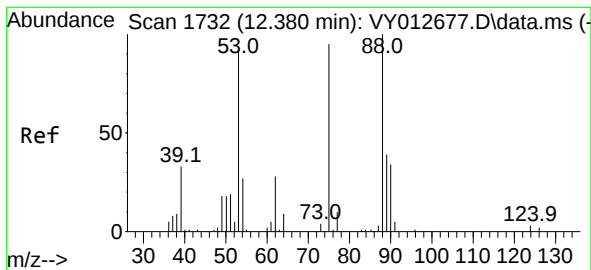
Tgt Ion:105 Resp: 242489

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1

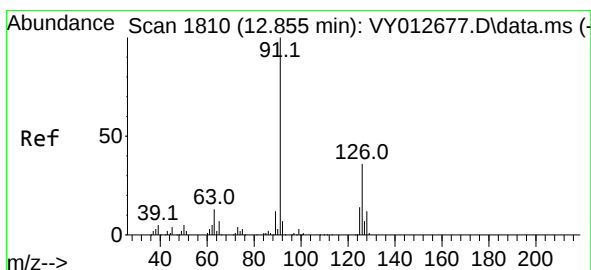
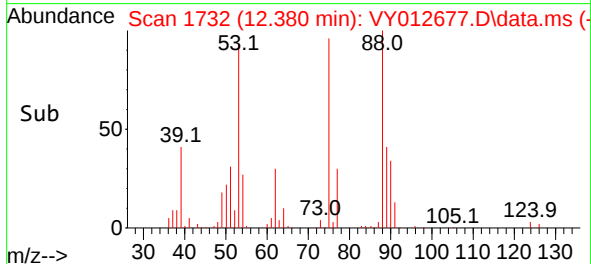
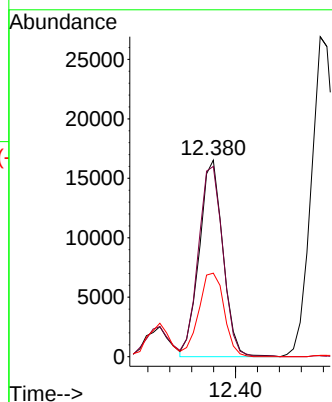
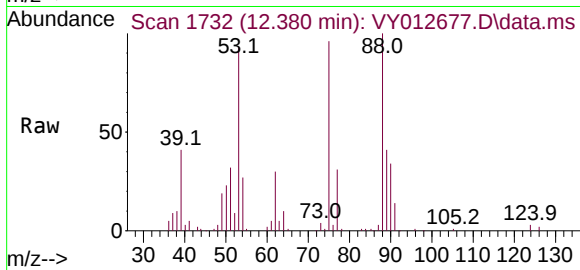




#81
trans-1,4-Dichloro-2-butene
Concen: 51.756 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

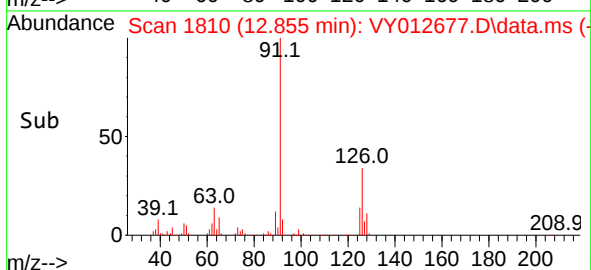
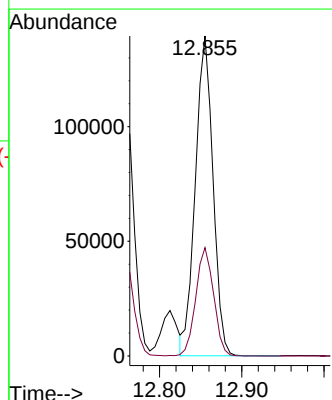
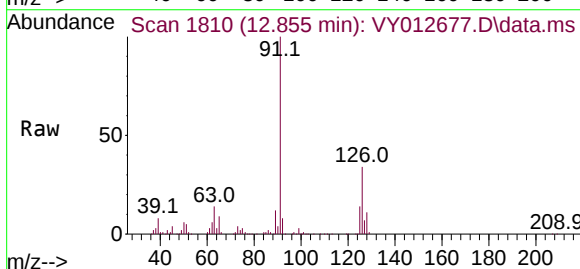
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

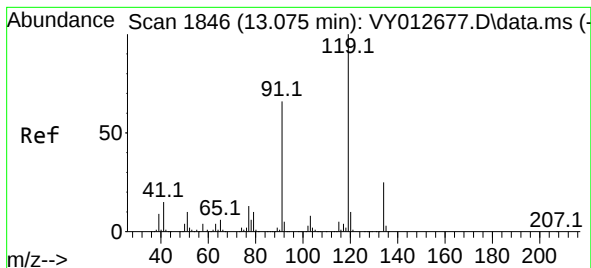
Tgt Ion:	75	Resp:	24775
Ion	Ratio	Lower	Upper
75	100		
53	100.5	80.4	120.6
89	45.6	36.5	54.7



#82
4-Chlorotoluene
Concen: 47.954 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion:	91	Resp:	207756
Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.2	51.5





#83

tert-Butylbenzene

Concen: 49.182 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

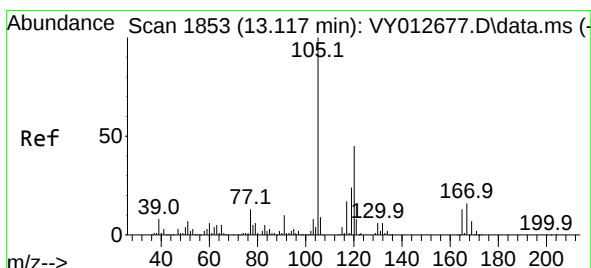
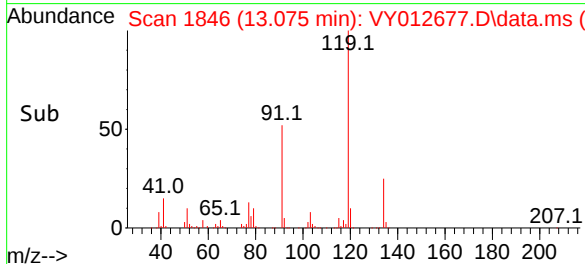
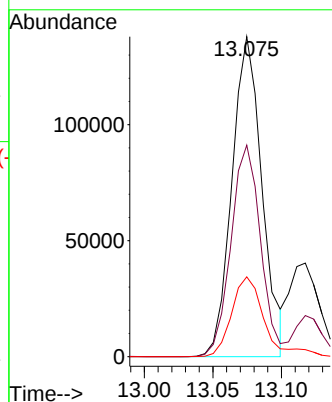
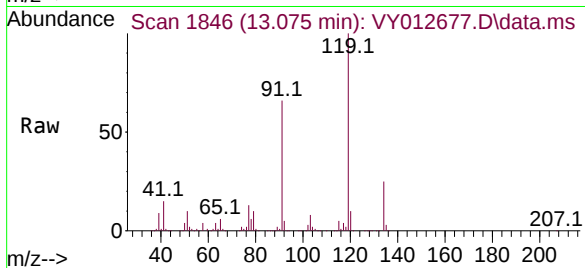
Tgt Ion:119 Resp: 210885

Ion Ratio Lower Upper

119 100

91 64.8 32.4 97.2

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 49.147 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY012677.D

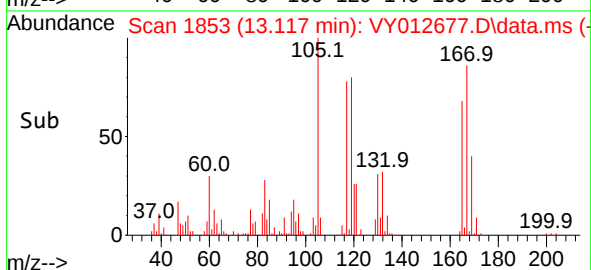
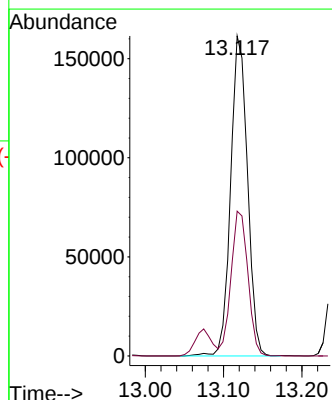
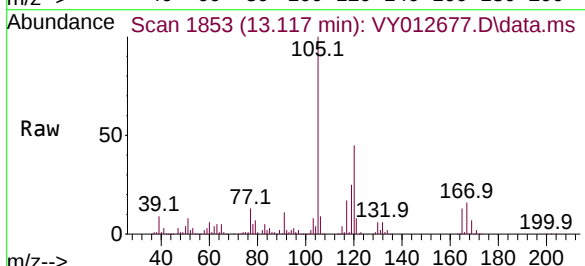
Acq: 21 Feb 2023 16:23

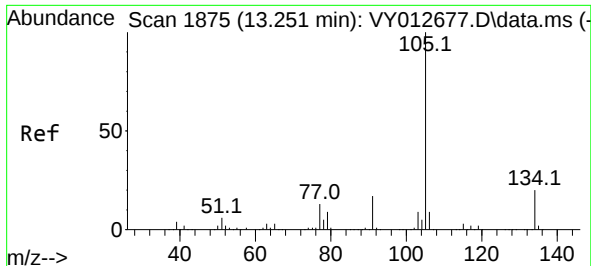
Tgt Ion:105 Resp: 241252

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.0

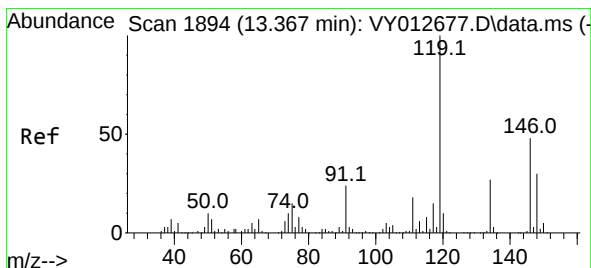
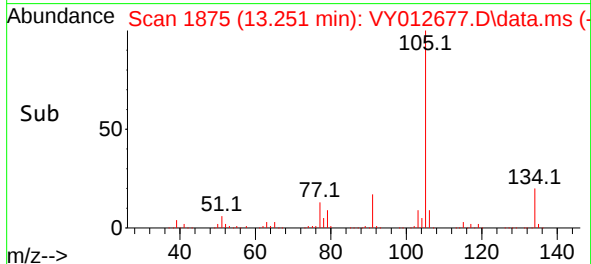
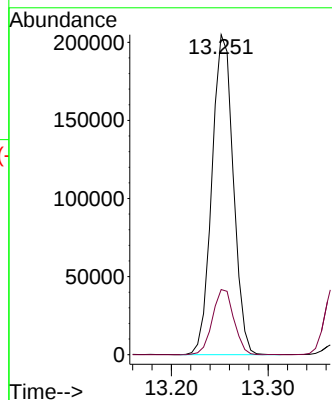
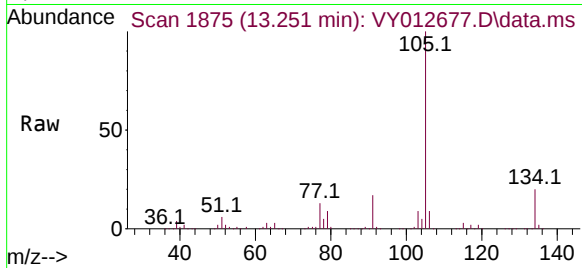




#85
 sec-Butylbenzene
 Concen: 48.187 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012677.D
 Acq: 21 Feb 2023 16:23

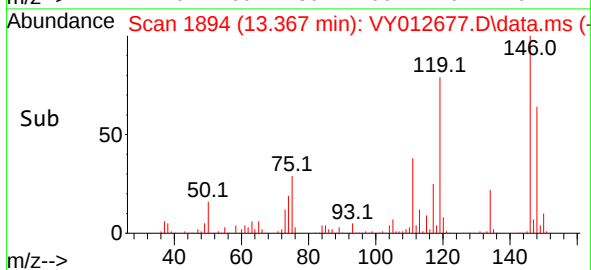
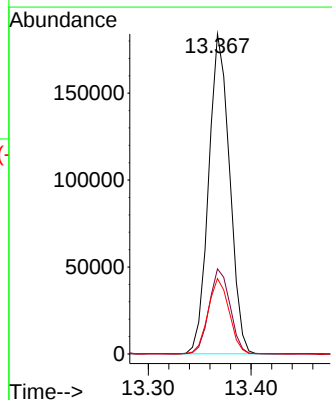
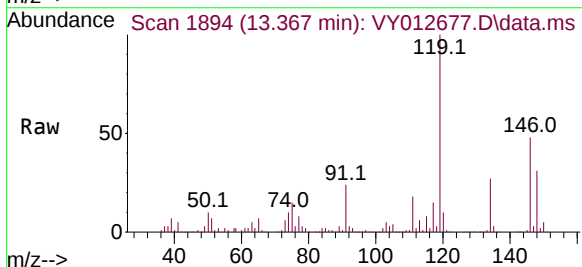
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

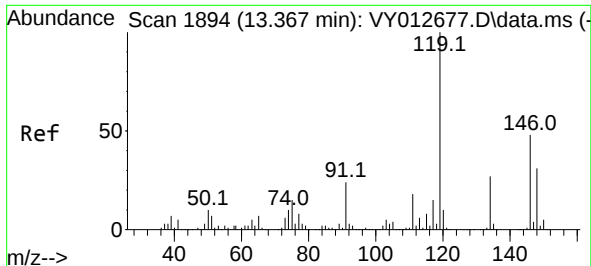
Tgt Ion:105 Resp: 314366
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 48.527 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012677.D
 Acq: 21 Feb 2023 16:23

Tgt Ion:119 Resp: 260726
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 23.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 48.063 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

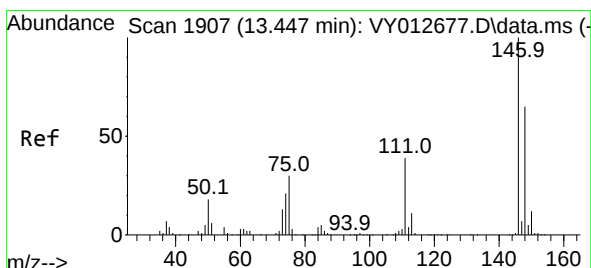
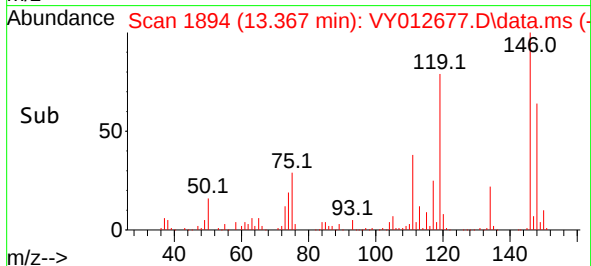
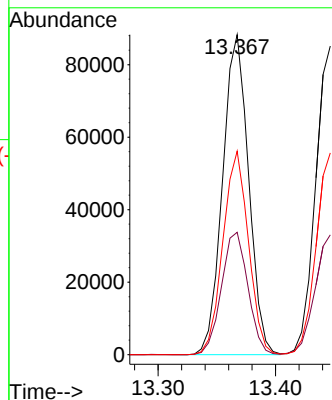
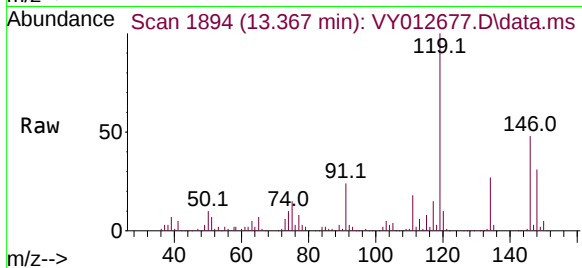
Tgt Ion:146 Resp: 135594

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

148 62.6 31.3 93.9



#88

1,4-Dichlorobenzene

Concen: 47.265 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

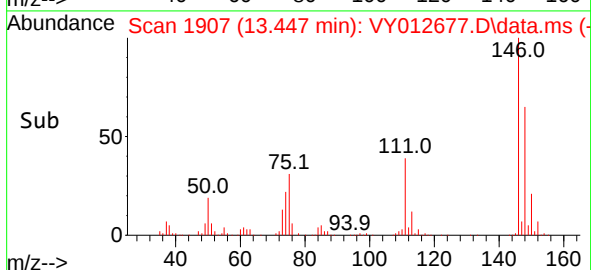
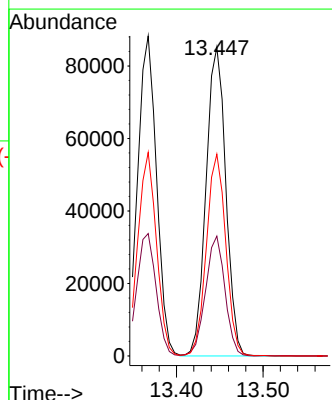
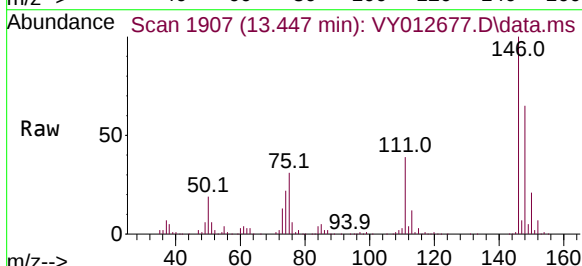
Tgt Ion:146 Resp: 135221

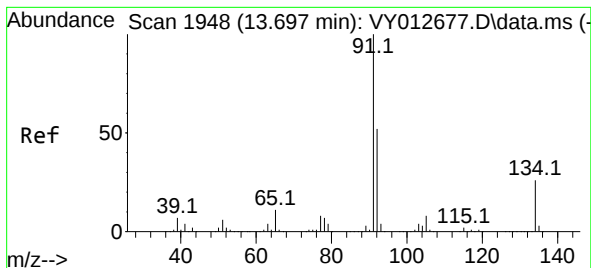
Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.3

148 64.0 32.0 96.0

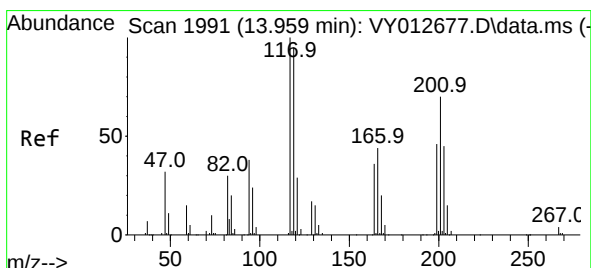
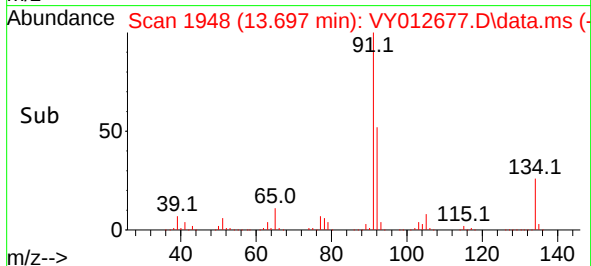
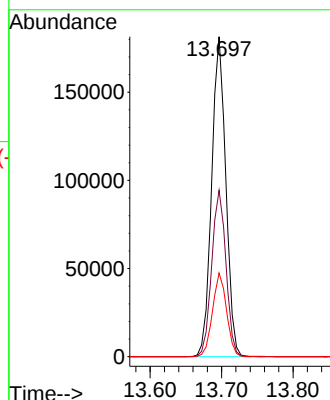
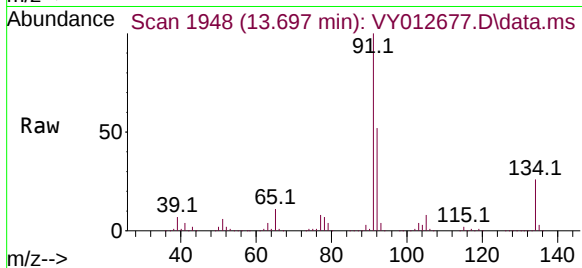




#89
n-Butylbenzene
Concen: 48.449 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

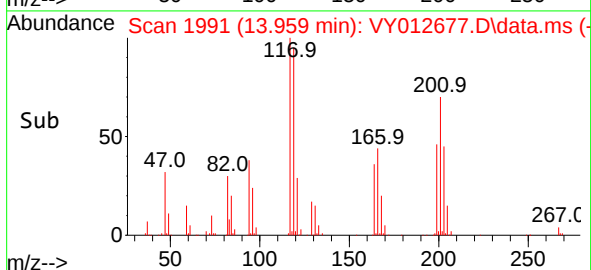
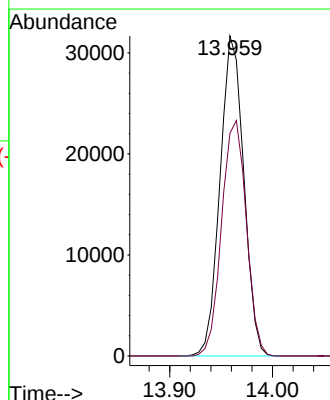
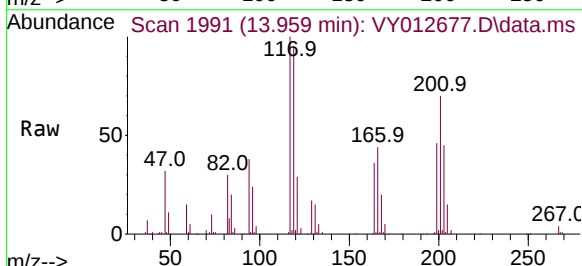
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

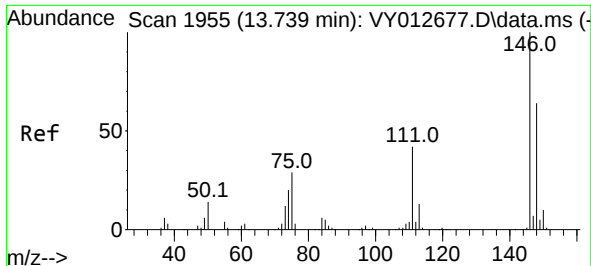
Tgt Ion: 91 Resp: 249292
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 46.548 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY012677.D
Acq: 21 Feb 2023 16:23

Tgt Ion: 117 Resp: 50754
Ion Ratio Lower Upper
117 100
201 76.5 38.3 114.8





#91

1,2-Dichlorobenzene

Concen: 48.399 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

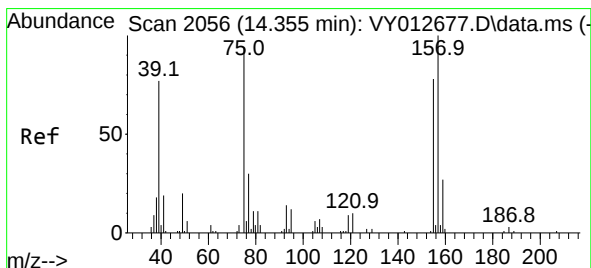
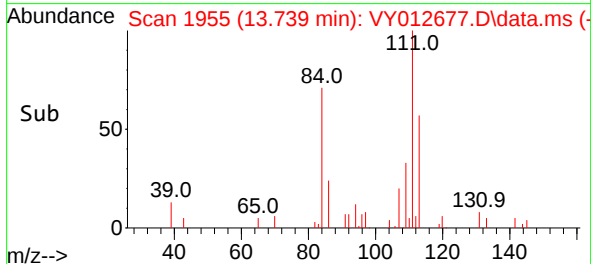
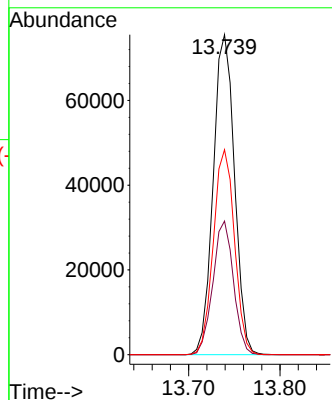
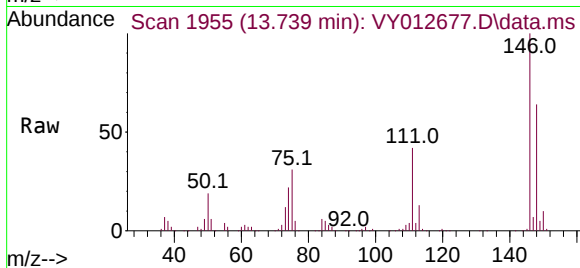
Tgt Ion:146 Resp: 121944

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

148 63.8 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.176 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

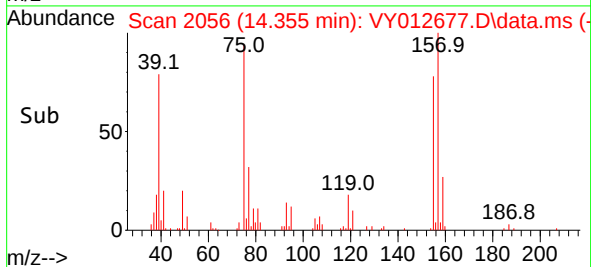
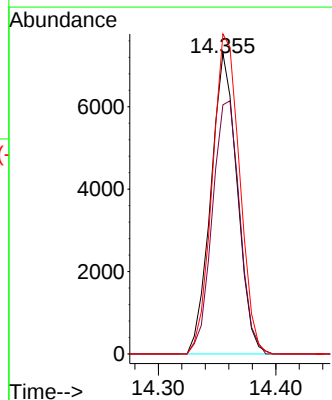
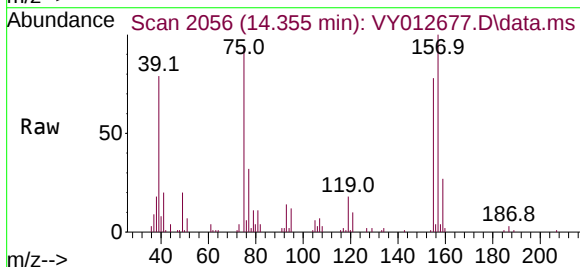
Tgt Ion: 75 Resp: 11370

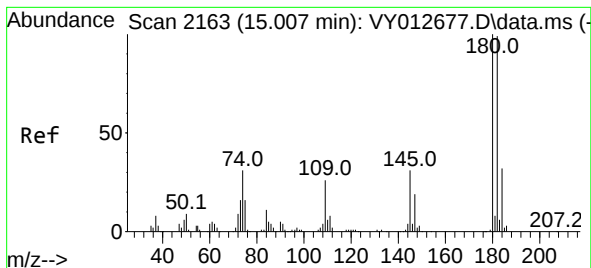
Ion Ratio Lower Upper

75 100

155 87.2 43.6 130.8

157 110.1 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 48.258 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

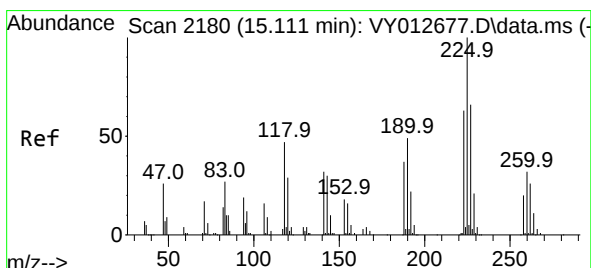
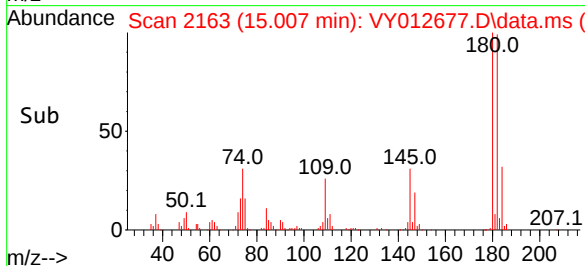
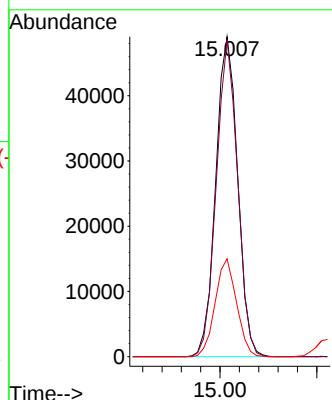
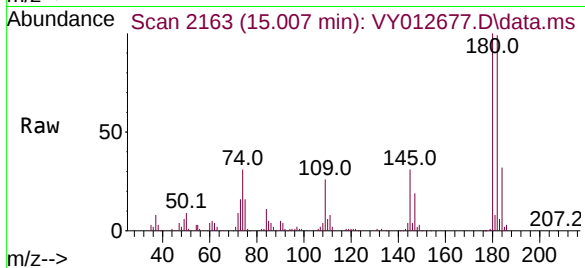
Tgt Ion:180 Resp: 76899

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.2

145 30.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 46.026 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

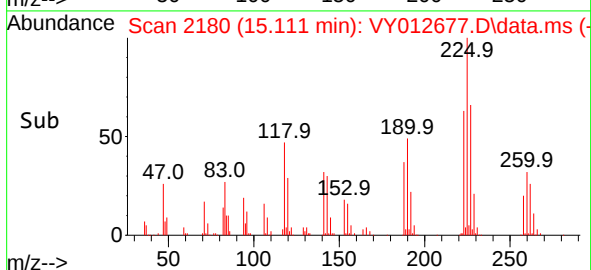
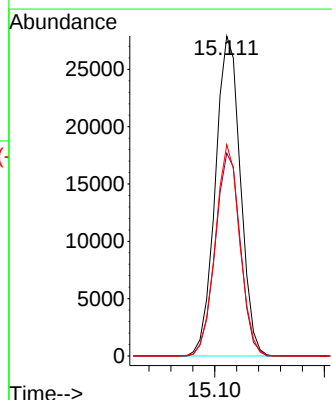
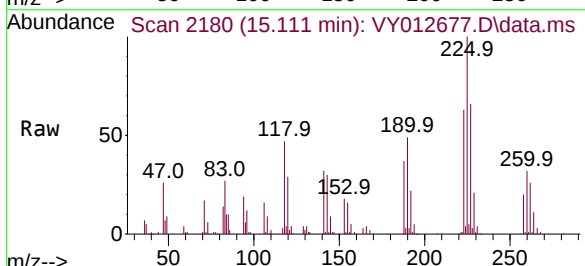
Tgt Ion:225 Resp: 44264

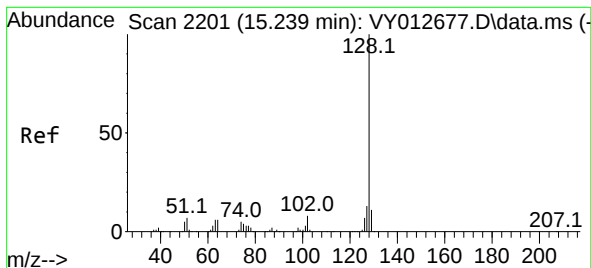
Ion Ratio Lower Upper

225 100

223 63.4 31.7 95.1

227 64.5 32.3 96.8





#95

Naphthalene

Concen: 52.798 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

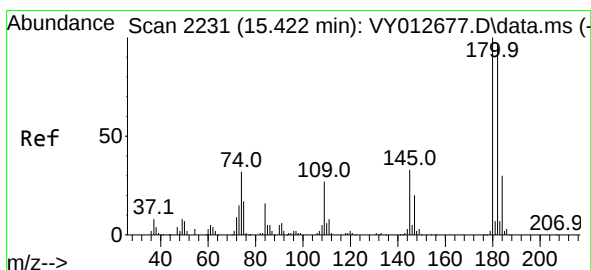
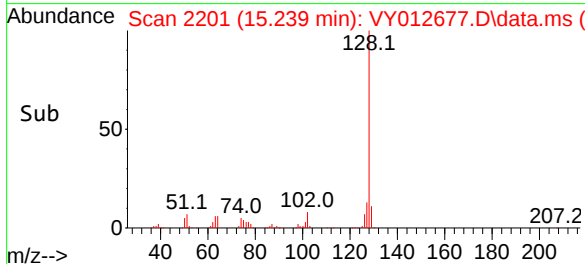
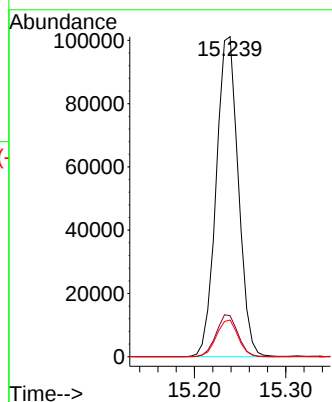
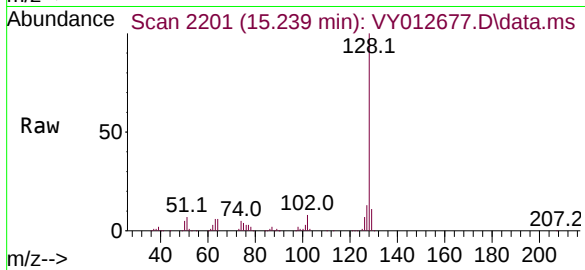
Tgt Ion:128 Resp: 170001

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.3 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 48.447 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY012677.D

Acq: 21 Feb 2023 16:23

Tgt Ion:180 Resp: 68333

Ion Ratio Lower Upper

180 100

182 97.1 48.5 145.6

145 32.1 16.1 48.2

