

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017086.D
 Acq On : 24 Jan 2024 11:04
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Jan 24 13:04:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 24 13:00:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	117478	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	199029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	167896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	73433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	13103	11.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	22.560%#
35) Dibromofluoromethane	7.734	113	13529	10.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.340%#
50) Toluene-d8	10.197	98	52220	11.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	23.920%#
62) 4-Bromofluorobenzene	12.495	95	15528	10.538	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	21.080%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	15423	16.282	ug/l	96
3) Chloromethane	2.125	50	22982	16.653	ug/l	93
4) Vinyl Chloride	2.265	62	26136	16.056	ug/l	98
5) Bromomethane	2.668	94	18329	15.717	ug/l	98
6) Chloroethane	2.814	64	16047	14.573	ug/l	97
7) Trichlorofluoromethane	3.143	101	27026	13.475	ug/l	100
8) Diethyl Ether	3.546	74	7679	11.980	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.924	101	16536	12.680	ug/l	99
10) Methyl Iodide	4.113	142	14921	13.449	ug/l	98
11) Tert butyl alcohol	4.985	59	4878	42.891	ug/l #	88
12) 1,1-Dichloroethene	3.899	96	15060	13.459	ug/l	97
13) Acrolein	3.753	56	8196	58.173	ug/l	99
14) Allyl chloride	4.503	41	21945	12.406	ug/l	97
15) Acrylonitrile	5.192	53	16553	55.210	ug/l #	90
16) Acetone	3.966	43	24472	70.019	ug/l	96
17) Carbon Disulfide	4.216	76	46057	17.227	ug/l	97
18) Methyl Acetate	4.503	43	12534	10.076	ug/l	100
19) Methyl tert-butyl Ether	5.247	73	32319	11.102	ug/l	100
20) Methylene Chloride	4.747	84	19474	10.146	ug/l	97
21) trans-1,2-Dichloroethene	5.253	96	17788	13.880	ug/l	94
22) Diisopropyl ether	6.149	45	47970	11.730	ug/l	94
23) Vinyl Acetate	6.088	43	109390	58.337	ug/l	97
24) 1,1-Dichloroethane	6.045	63	30784	12.526	ug/l	98
25) 2-Butanone	7.009	43	28133	63.665	ug/l	97
26) 2,2-Dichloropropane	7.009	77	25908	12.159	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	18591	12.376	ug/l	98
28) Bromochloromethane	7.356	49	11553	12.522	ug/l	99
29) Tetrahydrofuran	7.374	42	12438	52.927	ug/l	99
30) Chloroform	7.527	83	30516	12.050	ug/l	98
31) Cyclohexane	7.813	56	28680	14.392	ug/l	95
32) 1,1,1-Trichloroethane	7.728	97	26516	12.348	ug/l	99
36) 1,1-Dichloropropene	7.935	75	24605	13.312	ug/l	100
37) Ethyl Acetate	7.100	43	9098	10.831	ug/l #	91
38) Carbon Tetrachloride	7.923	117	23518	12.524	ug/l	95
39) Methylcyclohexane	9.203	83	27275	13.126	ug/l	97
40) Benzene	8.179	78	70250	12.670	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017086.D
 Acq On : 24 Jan 2024 11:04
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 24 13:04:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 24 13:00:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	3927	8.877	ug/l #	62
42) 1,2-Dichloroethane	8.258	62	17473	11.870	ug/l	97
43) Isopropyl Acetate	8.295	43	17287	10.747	ug/l	99
44) Trichloroethene	8.959	130	18027	12.777	ug/l	95
45) 1,2-Dichloropropane	9.234	63	17131	11.993	ug/l	97
46) Dibromomethane	9.325	93	8403	11.535	ug/l	98
47) Bromodichloromethane	9.514	83	22189	11.343	ug/l	95
48) Methyl methacrylate	9.313	41	9649	11.115	ug/l	95
49) 1,4-Dioxane	9.319	88	1437	190.505	ug/l #	87
51) 4-Methyl-2-Pentanone	10.087	43	44433	51.942	ug/l	100
52) Toluene	10.264	92	41586	12.428	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	19266	10.995	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	24546	11.664	ug/l	94
55) 1,1,2-Trichloroethane	10.660	97	11663	10.958	ug/l	94
56) Ethyl methacrylate	10.526	69	8950	9.928	ug/l	95
57) 1,3-Dichloropropane	10.807	76	20727	11.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	31095	60.571	ug/l	99
59) 2-Hexanone	10.849	43	37192	59.046	ug/l	99
60) Dibromochloromethane	11.002	129	13934	11.353	ug/l	99
61) 1,2-Dibromoethane	11.105	107	10661	11.529	ug/l	99
64) Tetrachloroethene	10.740	164	14384	13.215	ug/l	97
65) Chlorobenzene	11.532	112	42846	12.250	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	15662	11.780	ug/l	99
67) Ethyl Benzene	11.611	91	75106	11.928	ug/l	99
68) m/p-Xylenes	11.721	106	55959	24.211	ug/l	100
69) o-Xylene	12.044	106	24607	11.356	ug/l	97
70) Styrene	12.056	104	35305	11.195	ug/l	98
71) Bromoform	12.221	173	6876	10.505	ug/l #	98
73) Isopropylbenzene	12.343	105	69099	11.523	ug/l	99
74) N-amyl acetate	12.160	43	12475	10.354	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.599	83	13133	10.749	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	15349	19.261	ug/l #	100
77) Bromobenzene	12.623	156	14734	11.160	ug/l	99
78) n-propylbenzene	12.684	91	84839	11.638	ug/l	100
79) 2-Chlorotoluene	12.770	91	46440	11.488	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	54868	11.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	3702	10.549	ug/l	95
82) 4-Chlorotoluene	12.867	91	47317	11.457	ug/l	99
83) tert-Butylbenzene	13.087	119	45634	10.925	ug/l	96
84) 1,2,4-Trimethylbenzene	13.136	105	52935	11.334	ug/l	99
85) sec-Butylbenzene	13.270	105	70841	11.445	ug/l	99
86) p-Isopropyltoluene	13.385	119	57236	11.205	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	29325	11.325	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	29768	11.754	ug/l	99
89) n-Butylbenzene	13.709	91	54991	11.197	ug/l	99
90) Hexachloroethane	13.977	117	12660	11.534	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	25613	11.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1556	10.156	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	11904	10.713	ug/l	98
94) Hexachlorobutadiene	15.129	225	7908	11.360	ug/l	98
95) Naphthalene	15.251	128	18356	9.295	ug/l	96
96) 1,2,3-Trichlorobenzene	15.440	180	9746	10.330	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
Data File : VY017086.D
Acq On : 24 Jan 2024 11:04
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

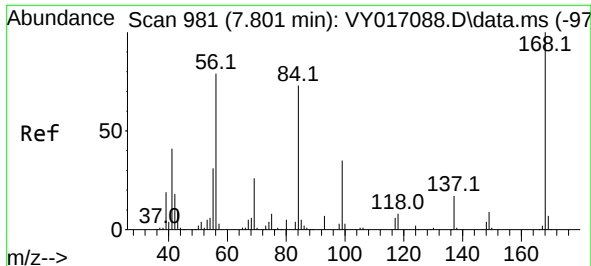
Quant Time: Jan 24 13:04:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 24 13:00:38 2024
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jan 24 13:04:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 24 13:00:38 2024
Response via : Initial Calibration

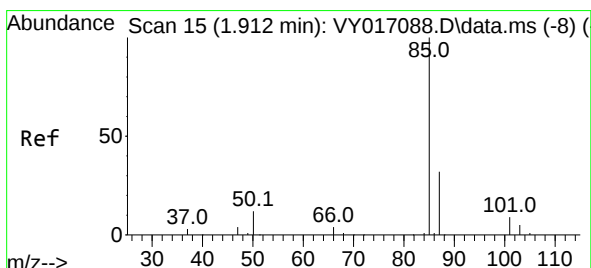
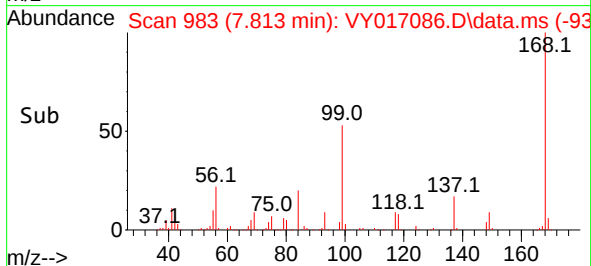
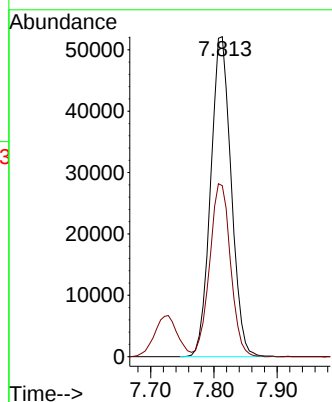
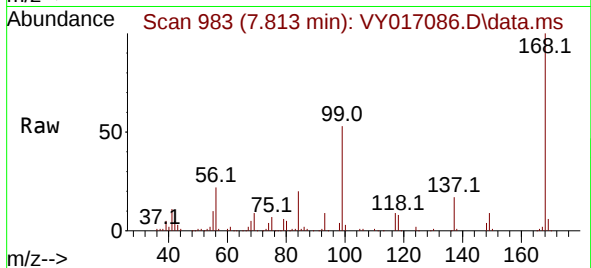




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. 0.012 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

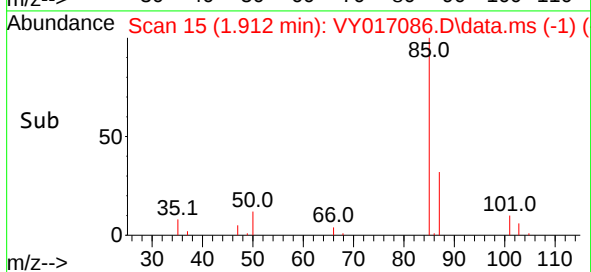
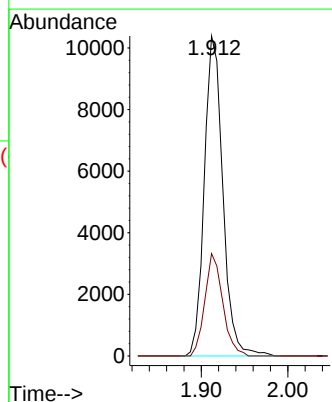
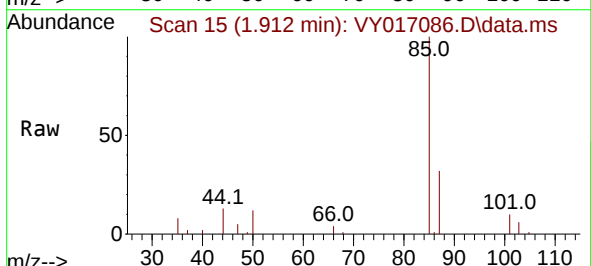
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

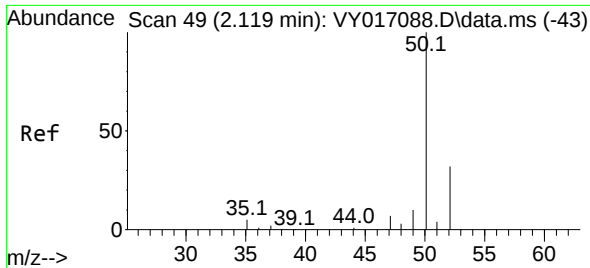
Tgt Ion:168 Resp: 117478
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 16.282 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 85 Resp: 15423
Ion Ratio Lower Upper
85 100
87 32.0 17.1 51.3

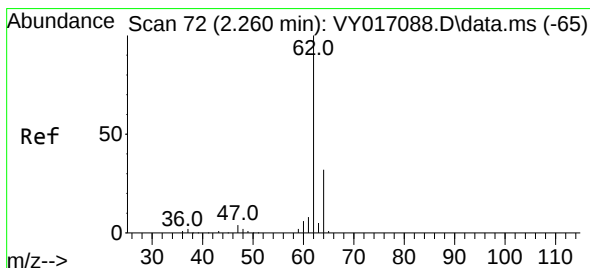
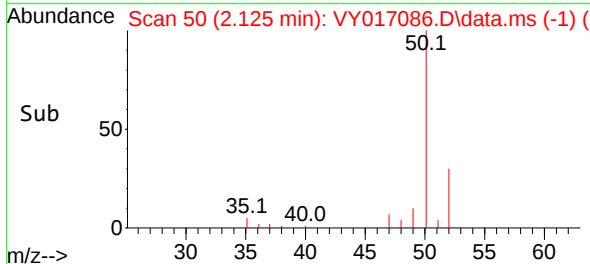
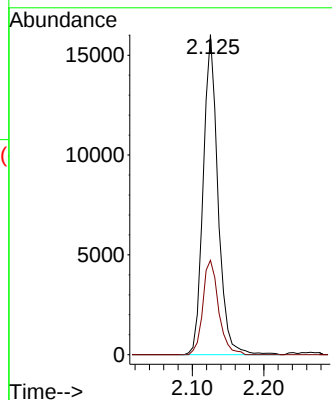
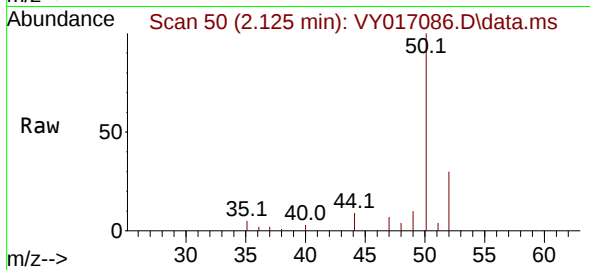




#3
Chloromethane
Concen: 16.653 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

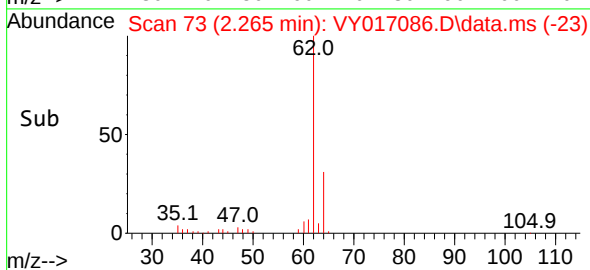
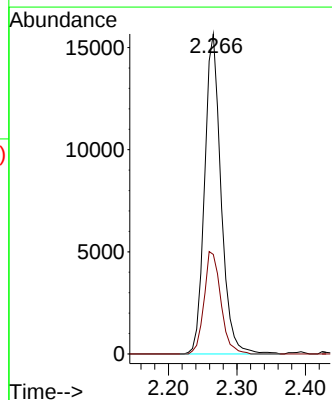
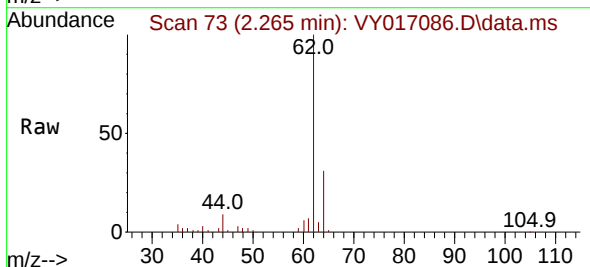
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

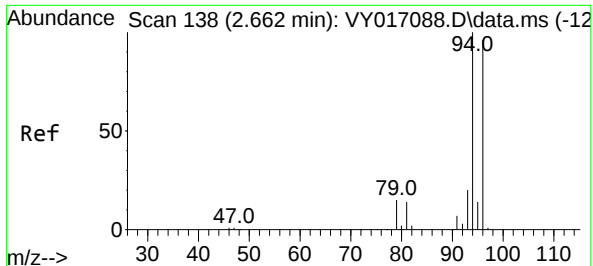
Tgt Ion: 50 Resp: 22982
Ion Ratio Lower Upper
50 100
52 29.5 26.7 40.1



#4
Vinyl Chloride
Concen: 16.056 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 62 Resp: 26136
Ion Ratio Lower Upper
62 100
64 31.1 25.7 38.5

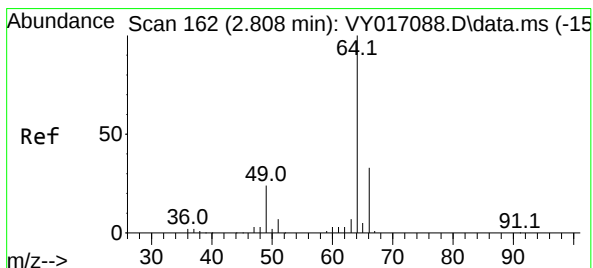
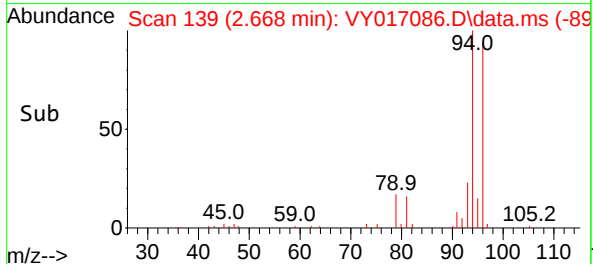
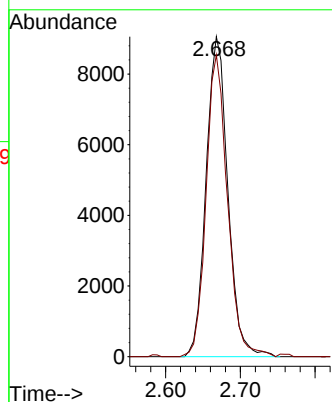
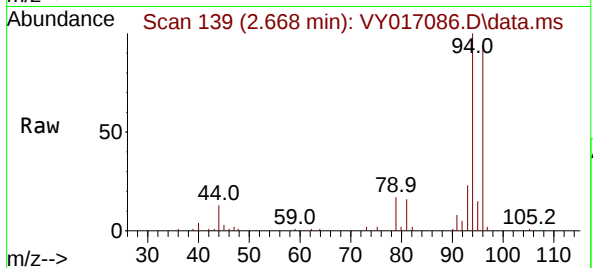




#5
Bromomethane
Concen: 15.717 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

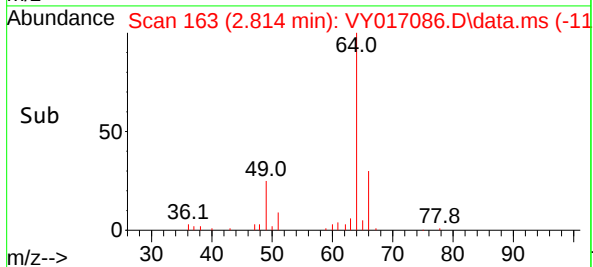
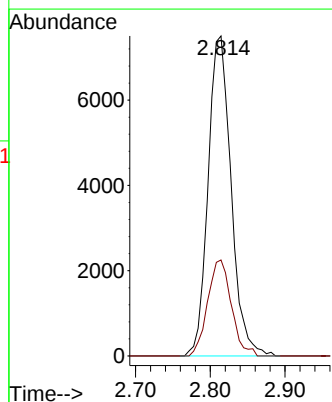
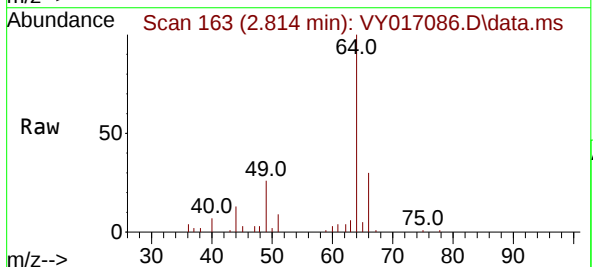
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

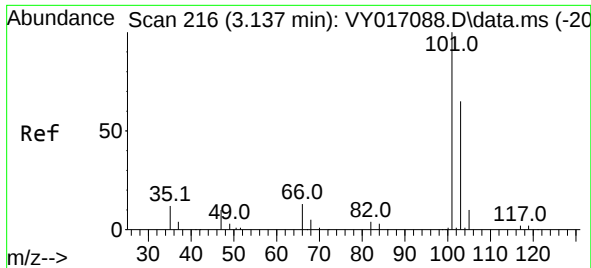
Tgt Ion: 94 Resp: 18329
Ion Ratio Lower Upper
94 100
96 94.3 77.3 115.9



#6
Chloroethane
Concen: 14.573 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 64 Resp: 16047
Ion Ratio Lower Upper
64 100
66 30.0 25.1 37.7

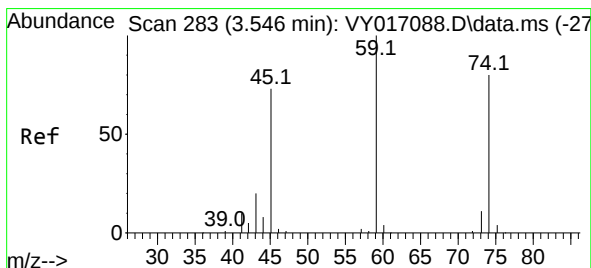
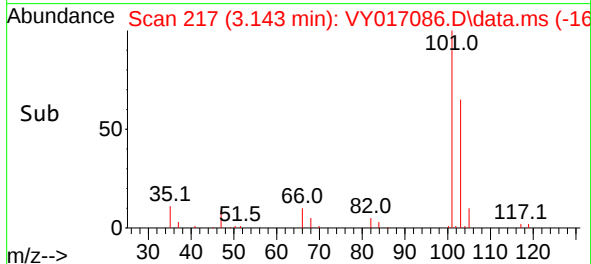
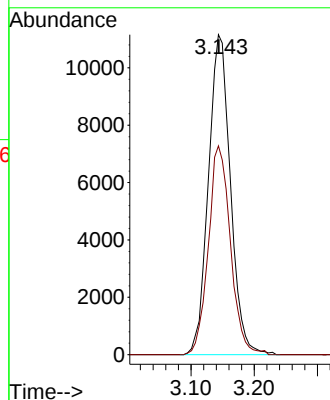
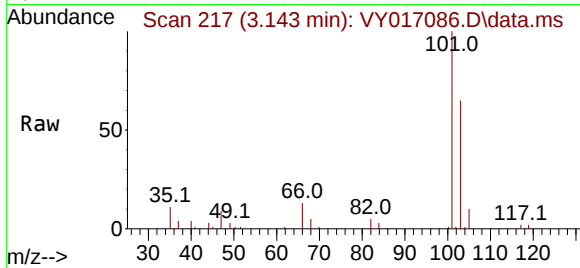




#7
 Trichlorofluoromethane
 Concen: 13.475 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY017086.D
 Acq: 24 Jan 2024 11:04

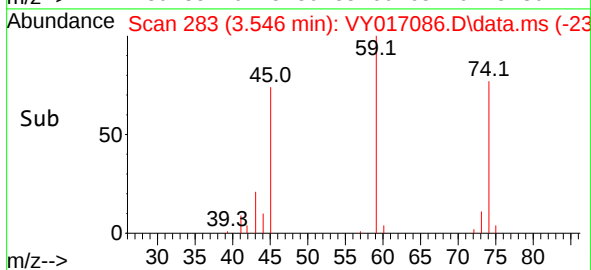
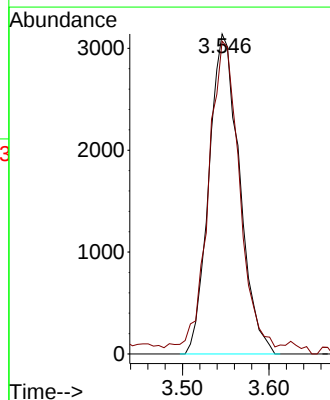
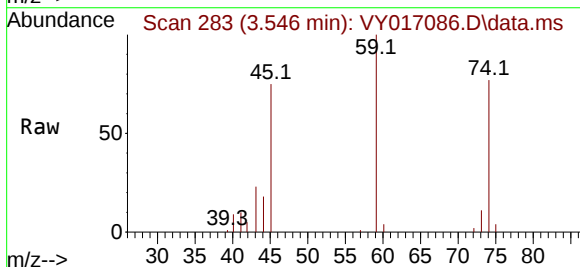
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

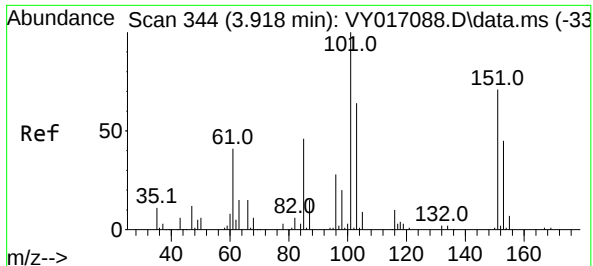
Tgt Ion:101 Resp: 27026
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 11.980 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY017086.D
 Acq: 24 Jan 2024 11:04

Tgt Ion: 74 Resp: 7679
 Ion Ratio Lower Upper
 74 100
 45 98.6 47.9 143.7

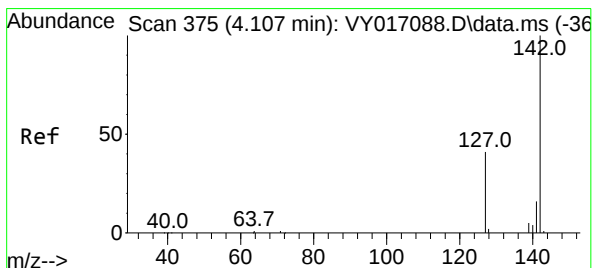
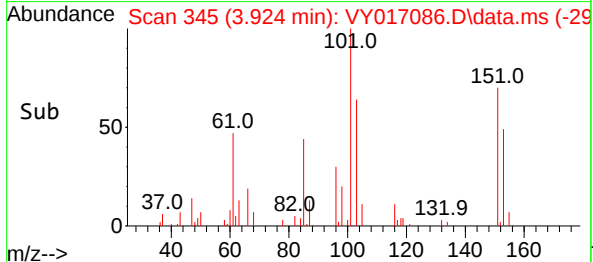
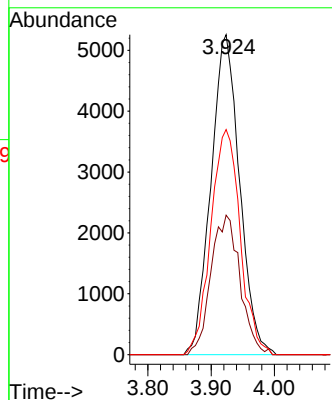
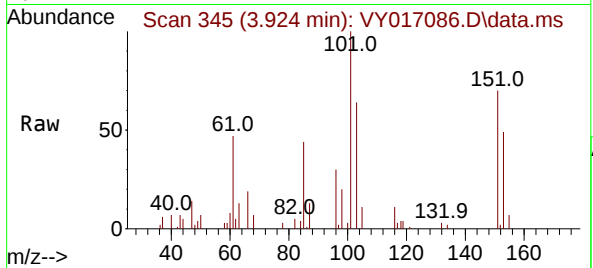




#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.680 ug/l
RT: 3.924 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

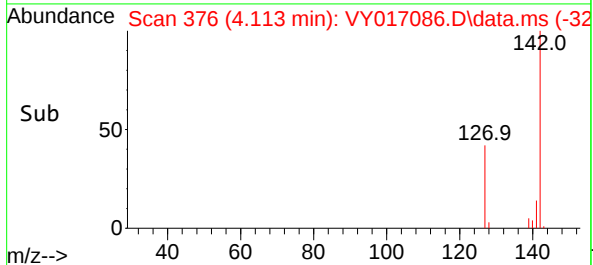
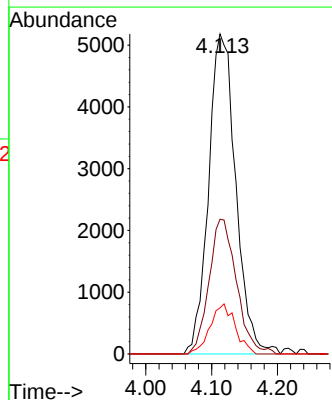
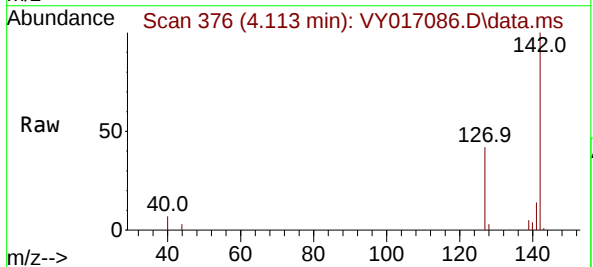
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

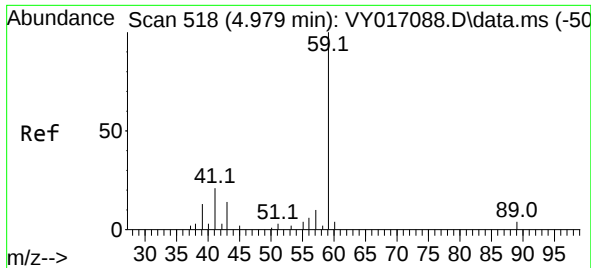
Tgt Ion:101 Resp: 16536
Ion Ratio Lower Upper
101 100
85 44.3 35.8 53.6
151 72.0 58.6 88.0



#10
Methyl Iodide
Concen: 13.449 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion:142 Resp: 14921
Ion Ratio Lower Upper
142 100
127 42.5 35.1 52.7
141 14.4 11.8 17.6

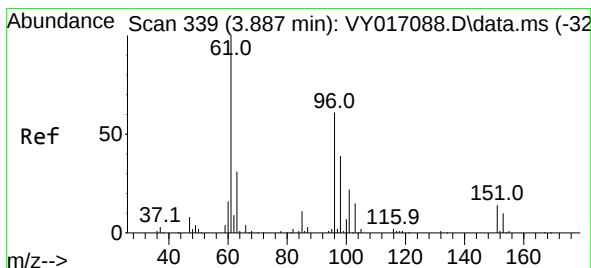
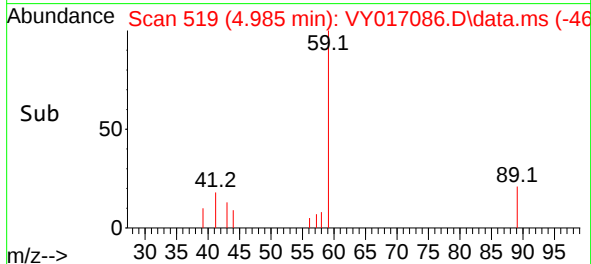
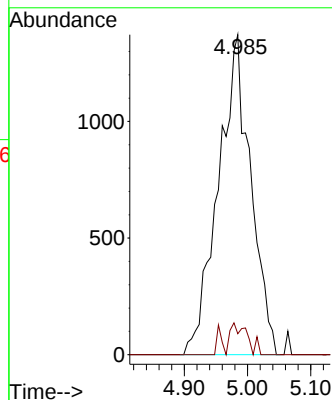
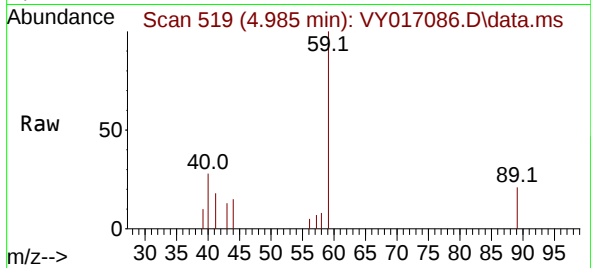




#11
Tert butyl alcohol
Concen: 42.891 ug/l
RT: 4.985 min Scan# 518
Delta R.T. 0.019 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

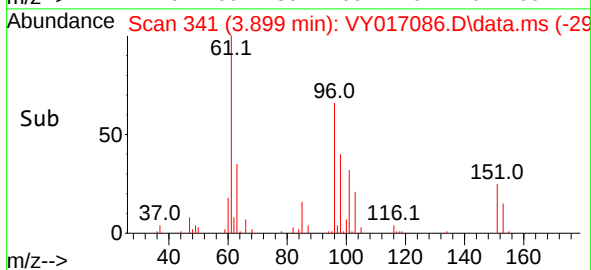
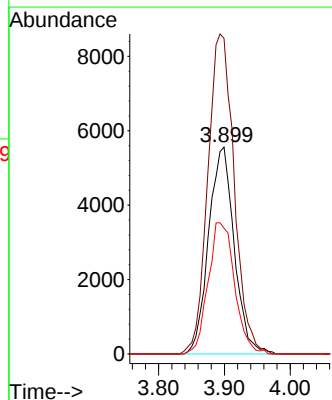
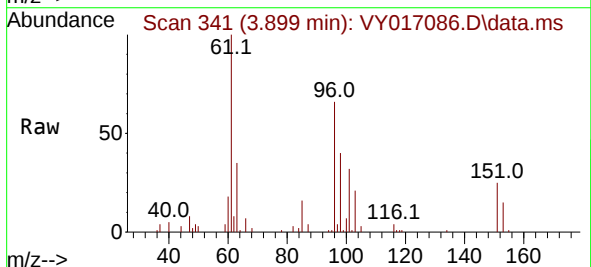
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

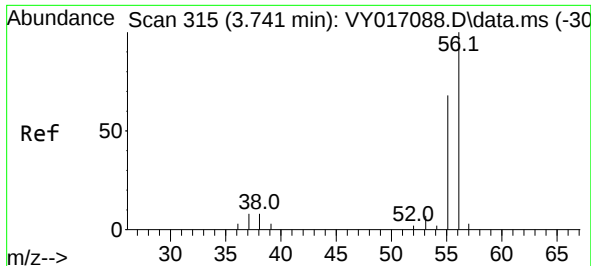
Tgt Ion: 59 Resp: 4878
Ion Ratio Lower Upper
59 100
57 4.7 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 13.459 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 96 Resp: 15060
Ion Ratio Lower Upper
96 100
61 152.5 124.2 186.2
98 60.8 52.6 79.0





#13

Acrolein

Concen: 58.173 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

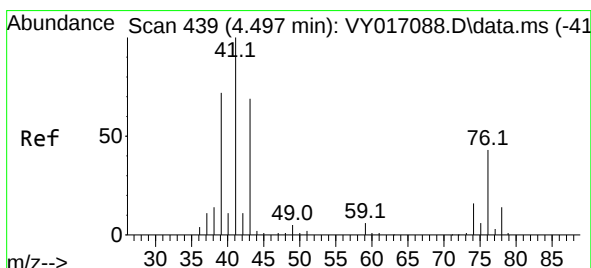
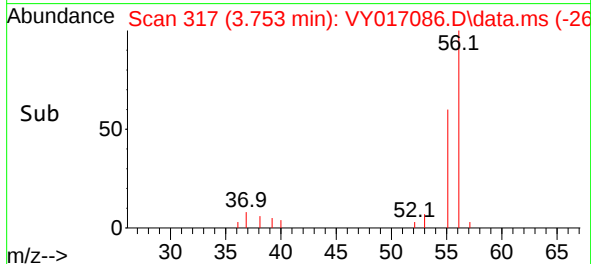
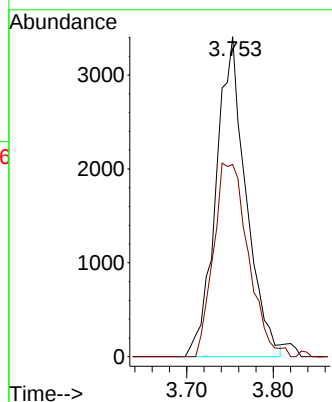
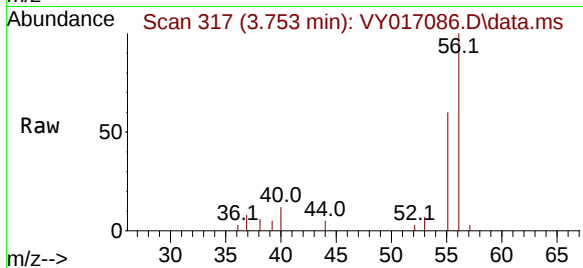
VSTDICC010

Tgt Ion: 56 Resp: 8196

Ion Ratio Lower Upper

56 100

55 70.1 55.4 83.0



#14

Allyl chloride

Concen: 12.406 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

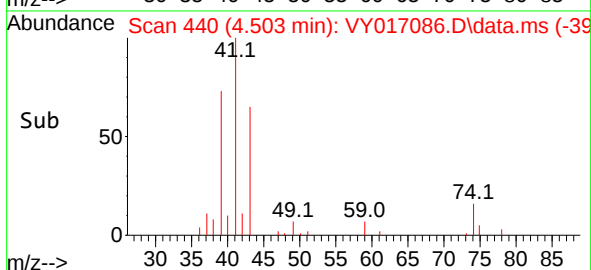
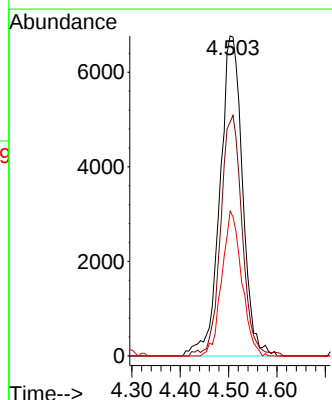
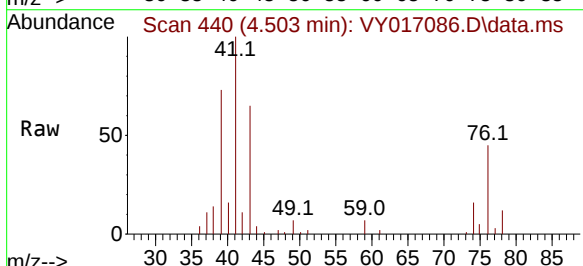
Tgt Ion: 41 Resp: 21945

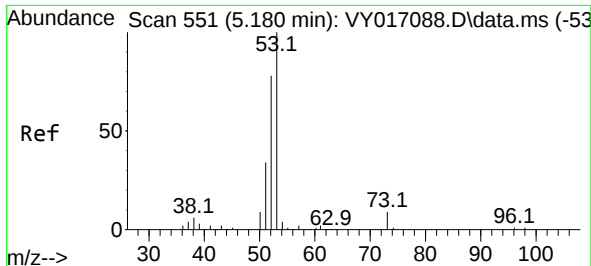
Ion Ratio Lower Upper

41 100

39 71.6 54.7 82.1

76 40.0 31.8 47.6

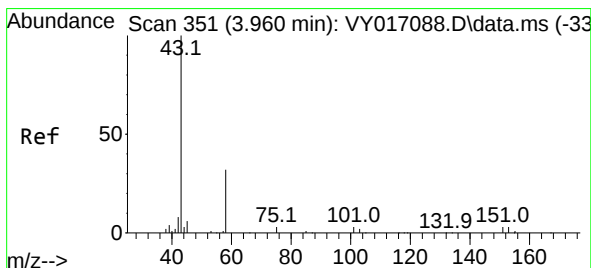
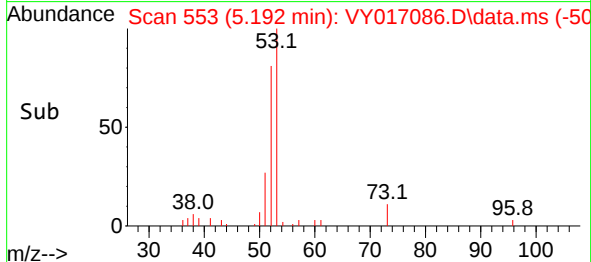
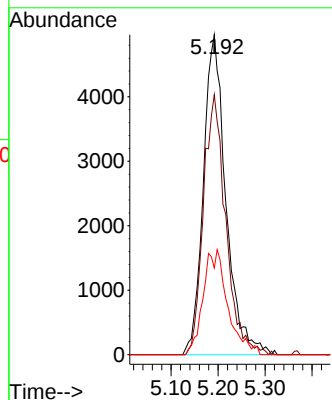
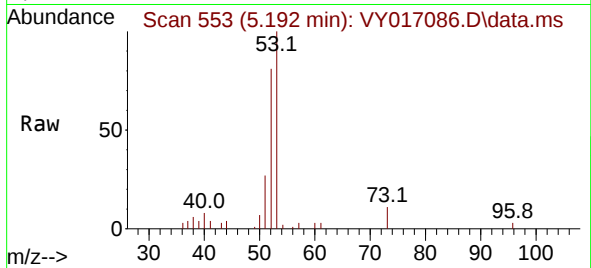




#15
Acrylonitrile
Concen: 55.210 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

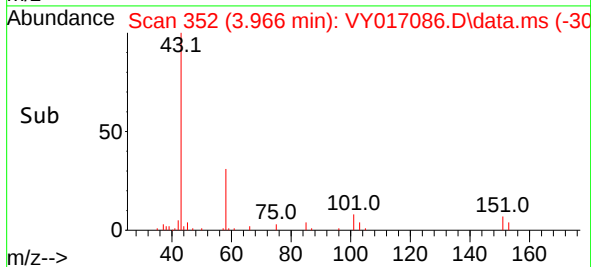
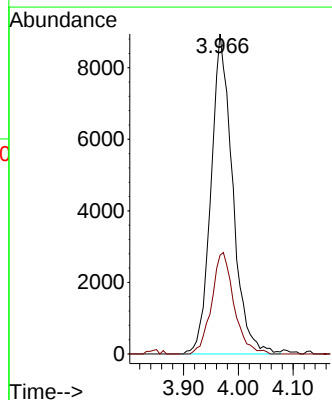
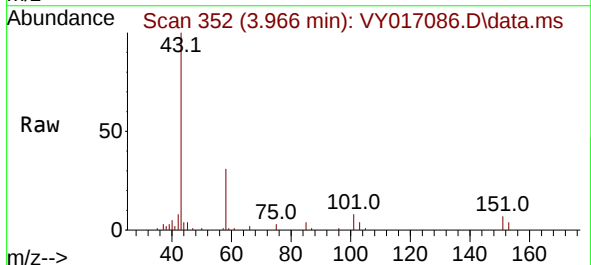
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

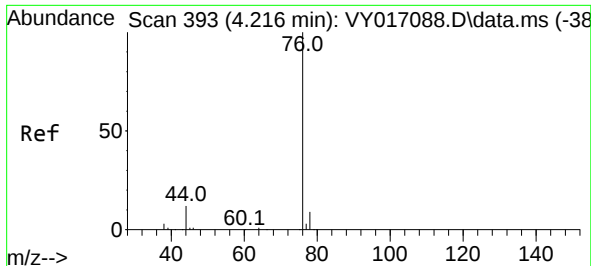
Tgt Ion: 53 Resp: 16553
Ion Ratio Lower Upper
53 100
52 80.5 65.1 97.7
51 17.4 29.0 43.4#



#16
Acetone
Concen: 70.019 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 43 Resp: 24472
Ion Ratio Lower Upper
43 100
58 30.9 26.6 39.8

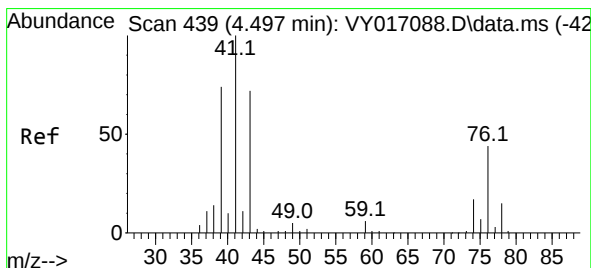
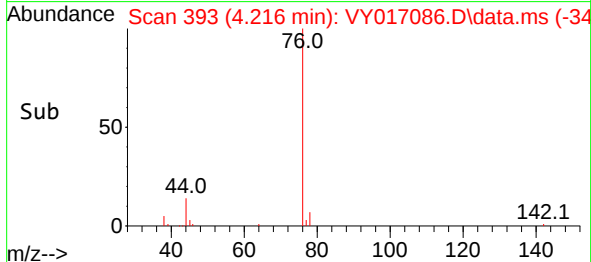
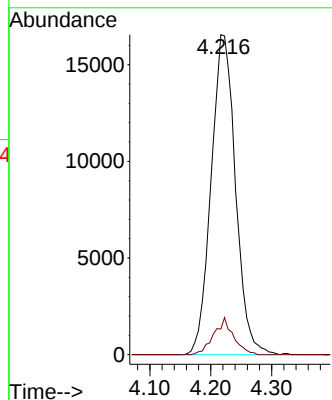
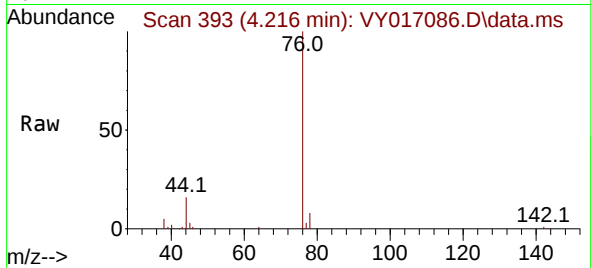




#17
Carbon Disulfide
Concen: 17.227 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

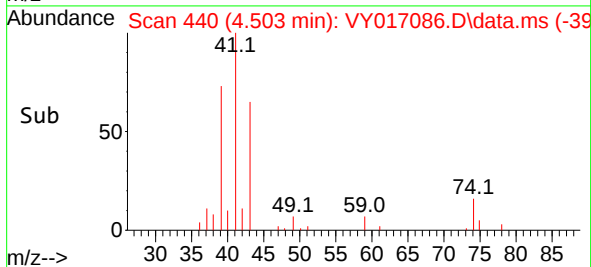
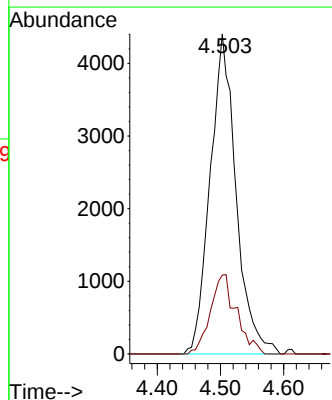
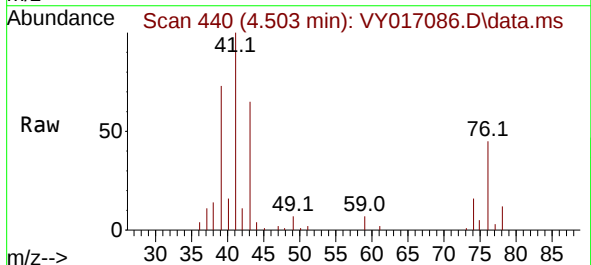
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

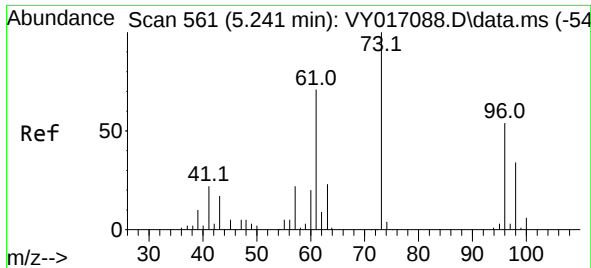
Tgt Ion: 76 Resp: 46057
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#18
Methyl Acetate
Concen: 10.076 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 43 Resp: 12534
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.6

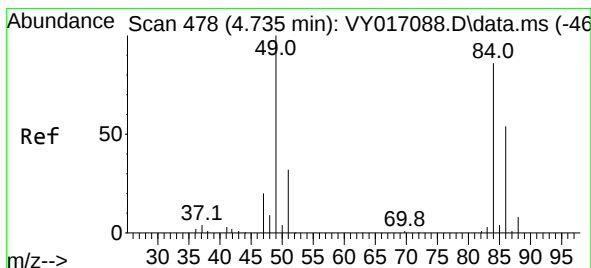
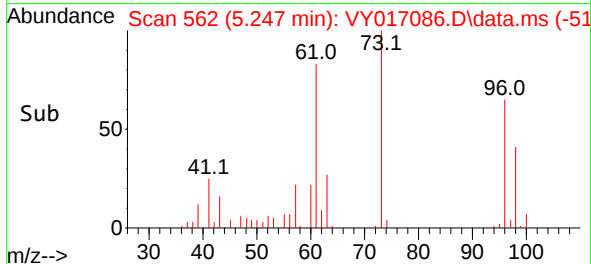
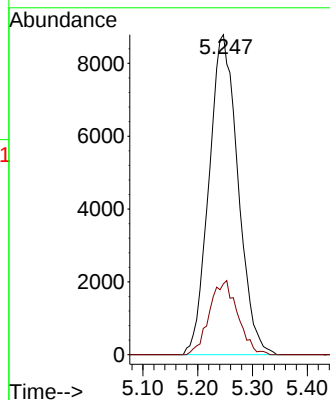
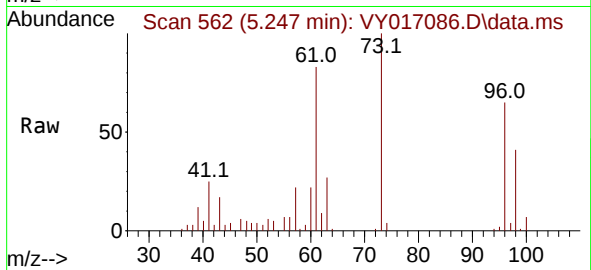




#19
Methyl tert-butyl Ether
Concen: 11.102 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.013 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

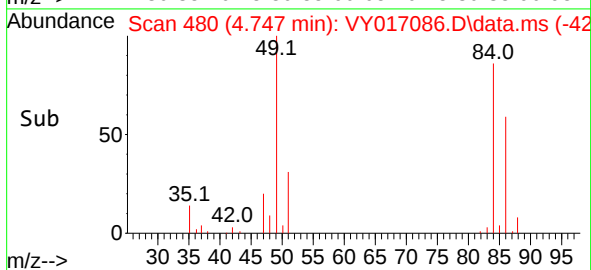
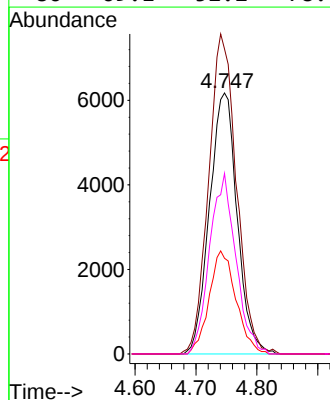
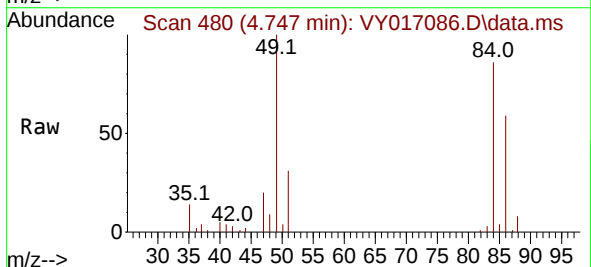
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

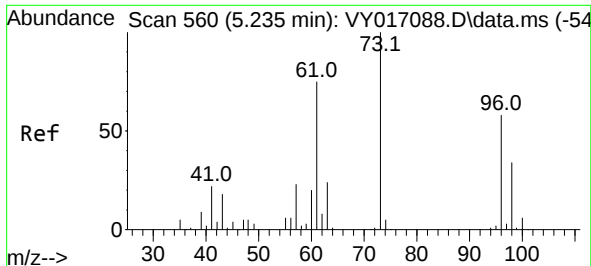
Tgt Ion: 73 Resp: 32319
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 10.146 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 84 Resp: 19474
Ion Ratio Lower Upper
84 100
49 116.8 95.2 142.8
51 36.7 29.9 44.9
86 69.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 13.880 ug/l

RT: 5.253 min Scan# 5

Delta R.T. 0.013 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

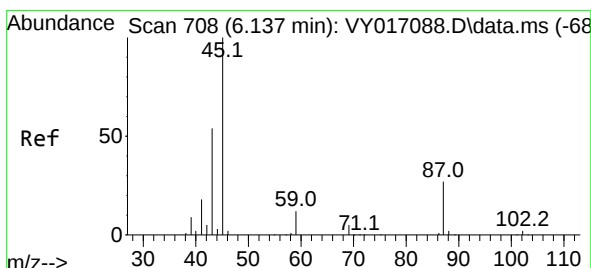
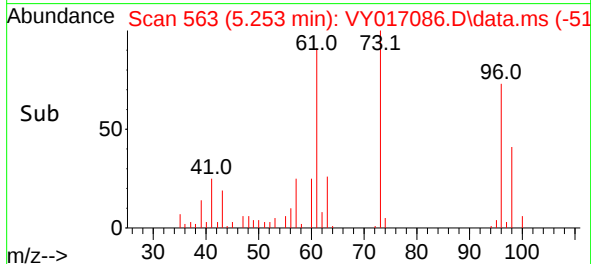
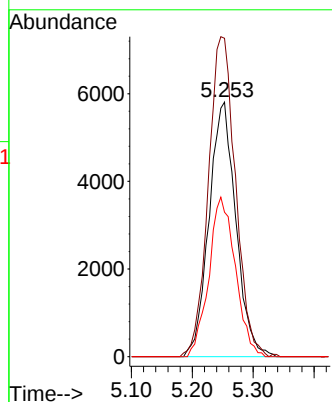
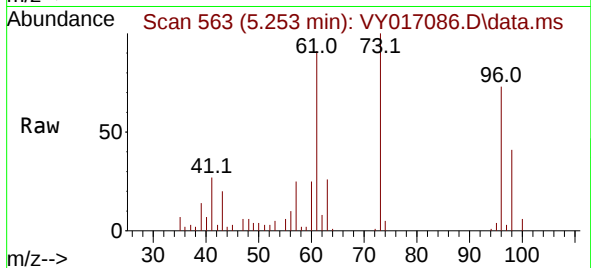
Tgt Ion: 96 Resp: 17788

Ion Ratio Lower Upper

96 100

61 125.1 104.6 156.8

98 56.7 50.9 76.3



#22

Diisopropyl ether

Concen: 11.730 ug/l

RT: 6.149 min Scan# 710

Delta R.T. 0.018 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Tgt Ion: 45 Resp: 47970

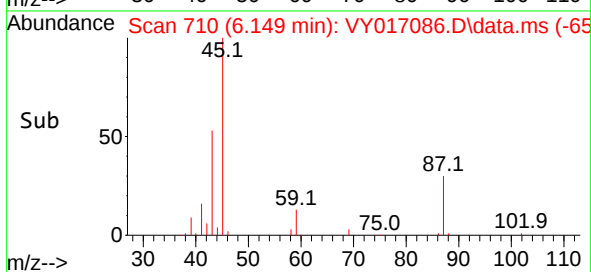
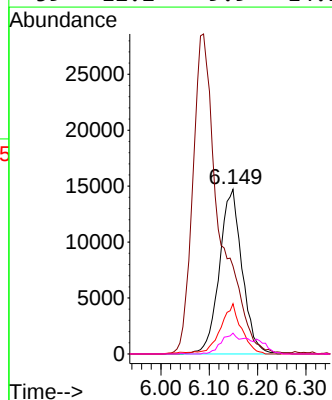
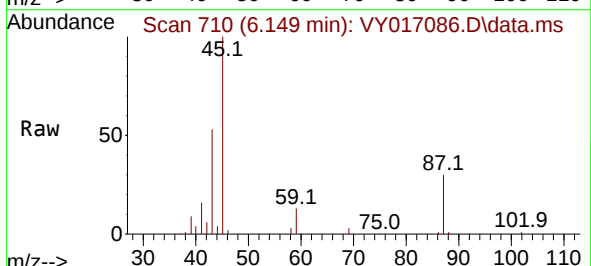
Ion Ratio Lower Upper

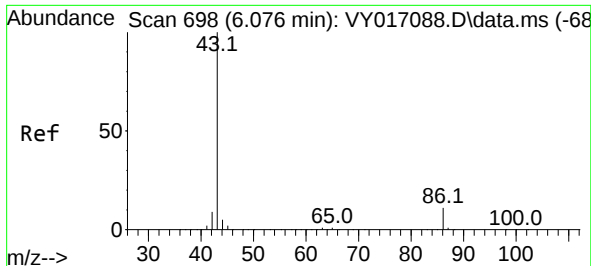
45 100

43 52.3 46.8 70.2

87 30.5 22.2 33.2

59 12.2 9.9 14.9

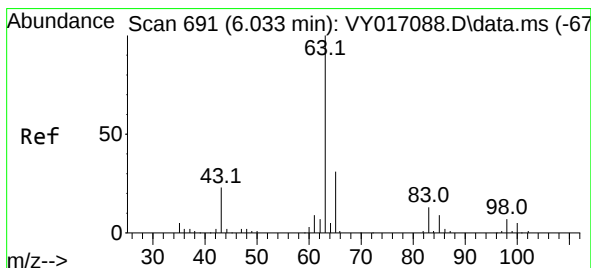
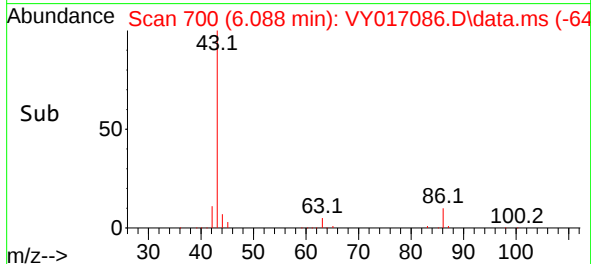
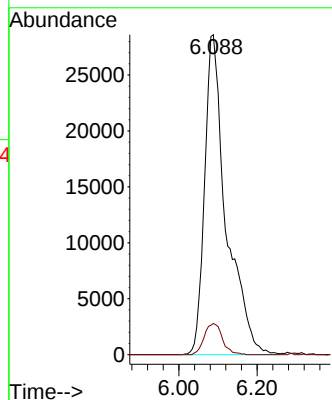
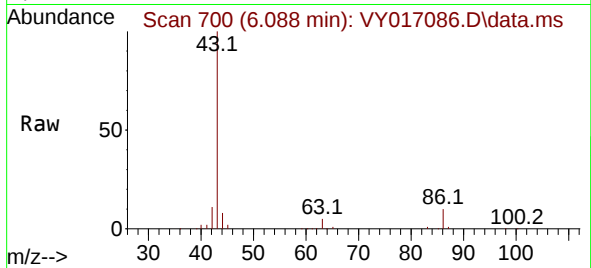




#23
 Vinyl Acetate
 Concen: 58.337 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VY017086.D
 Acq: 24 Jan 2024 11:04

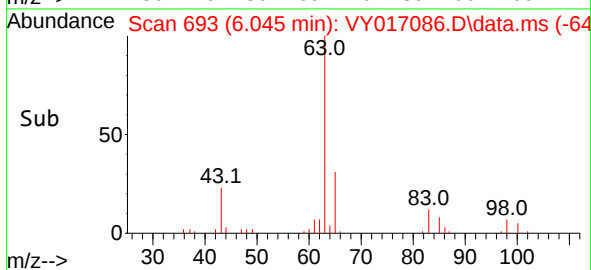
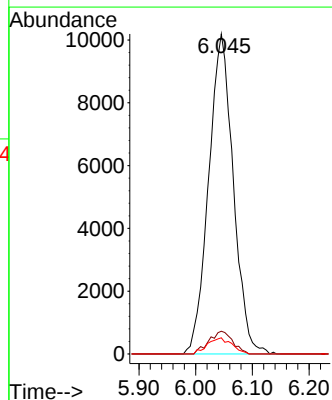
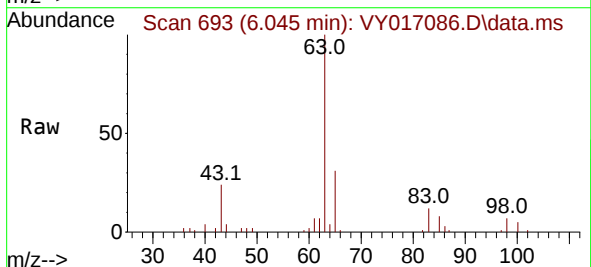
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

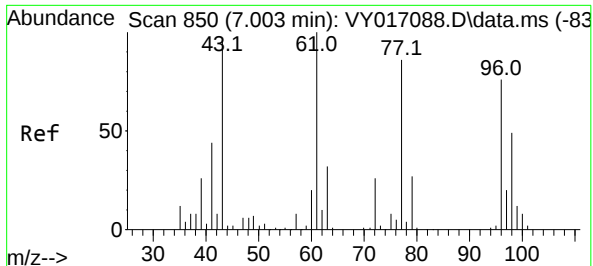
Tgt Ion: 43 Resp: 109390
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 12.526 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY017086.D
 Acq: 24 Jan 2024 11:04

Tgt Ion: 63 Resp: 30784
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 5.1 2.1 6.2





#25

2-Butanone

Concen: 63.665 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

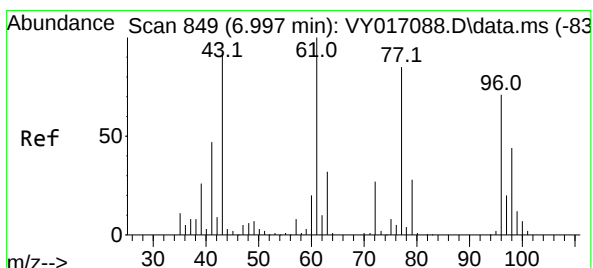
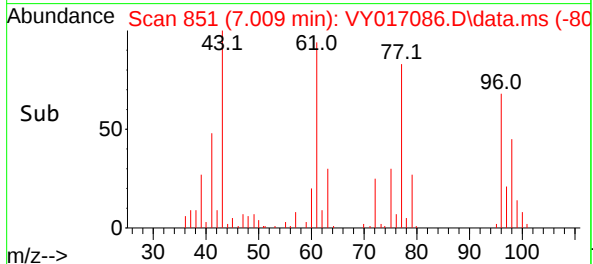
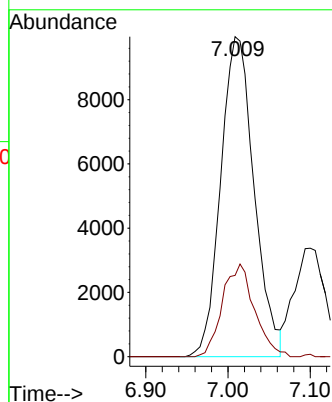
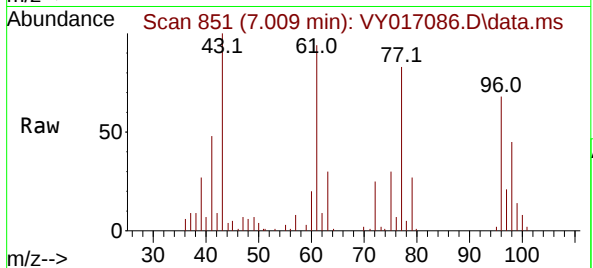
VSTDIC010

Tgt Ion: 43 Resp: 28133

Ion Ratio Lower Upper

43 100

72 25.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 12.159 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY017086.D

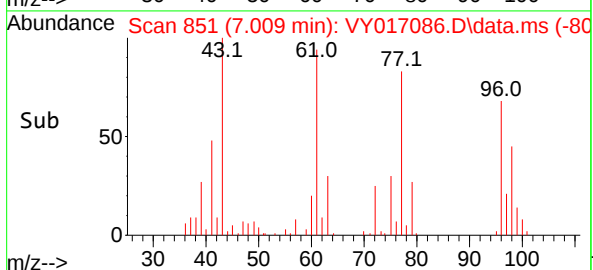
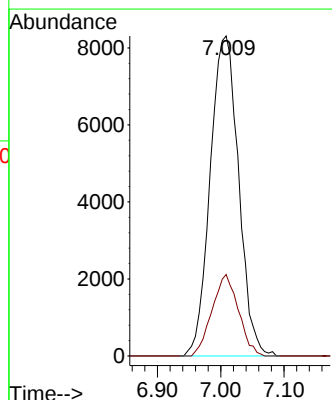
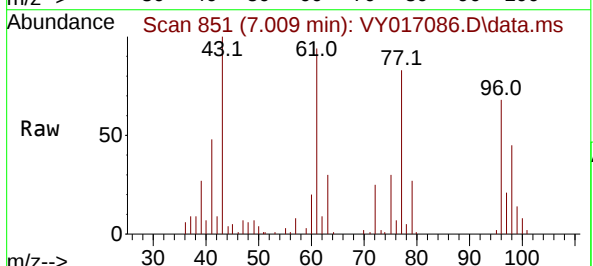
Acq: 24 Jan 2024 11:04

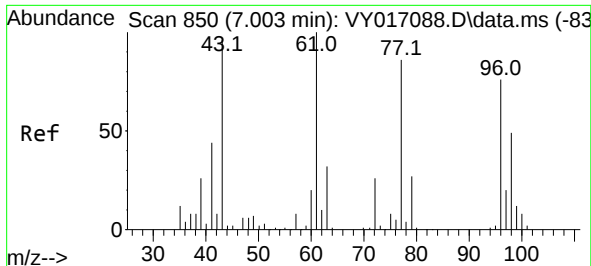
Tgt Ion: 77 Resp: 25908

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0

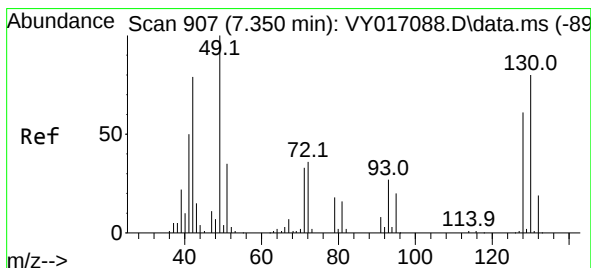
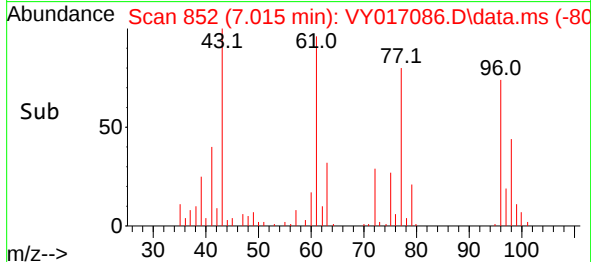
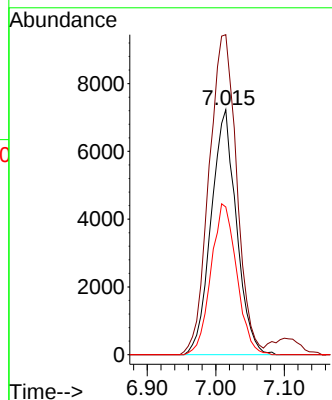
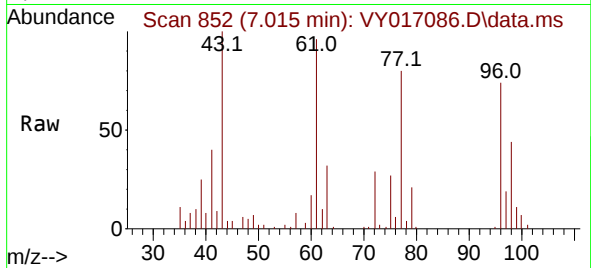




#27
cis-1,2-Dichloroethene
Concen: 12.376 ug/l
RT: 7.015 min Scan# 81
Delta R.T. 0.013 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

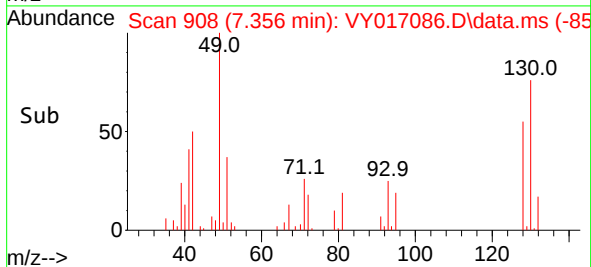
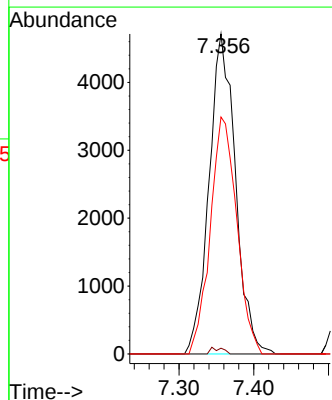
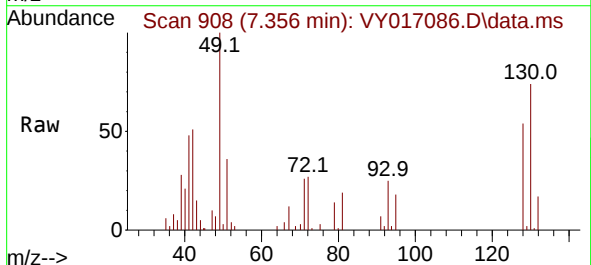
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

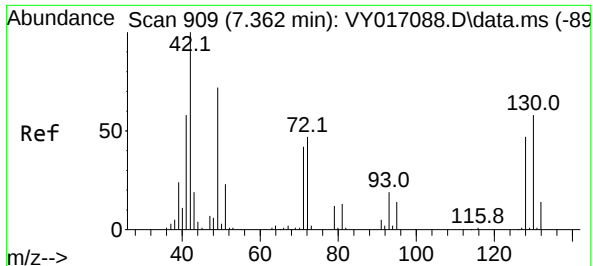
Tgt Ion: 96 Resp: 18591
Ion Ratio Lower Upper
96 100
61 142.8 0.0 278.8
98 62.4 0.0 127.0



#28
Bromochloromethane
Concen: 12.522 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 49 Resp: 11553
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.8
130 74.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 52.927 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

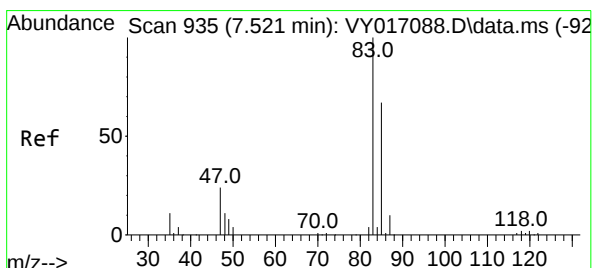
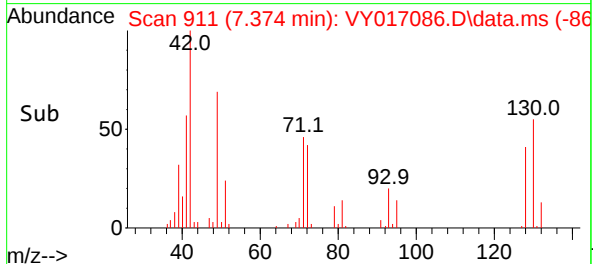
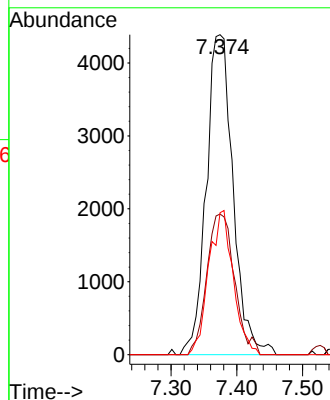
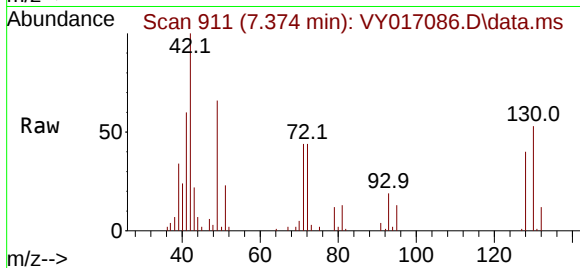
Tgt Ion: 42 Resp: 12438

Ion Ratio Lower Upper

42 100

72 45.4 36.6 54.8

71 41.1 33.8 50.6



#30

Chloroform

Concen: 12.050 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY017086.D

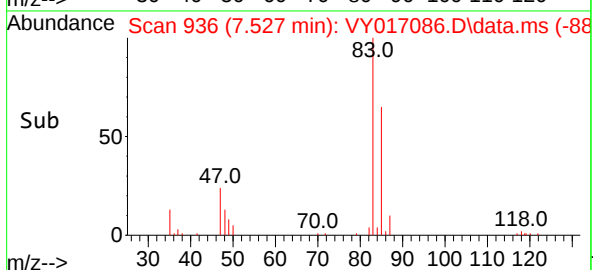
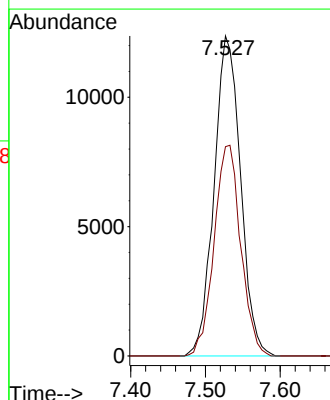
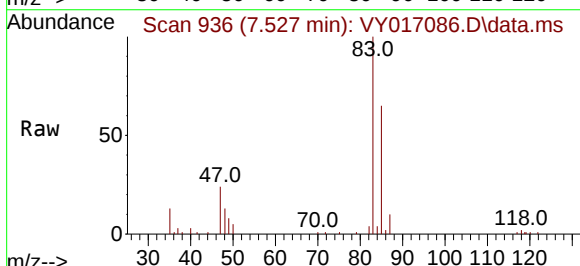
Acq: 24 Jan 2024 11:04

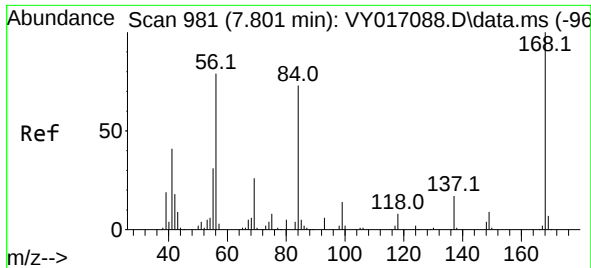
Tgt Ion: 83 Resp: 30516

Ion Ratio Lower Upper

83 100

85 65.4 51.2 76.8

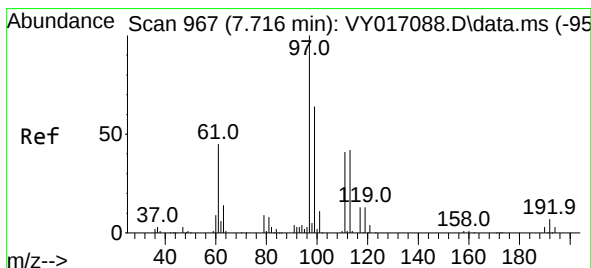
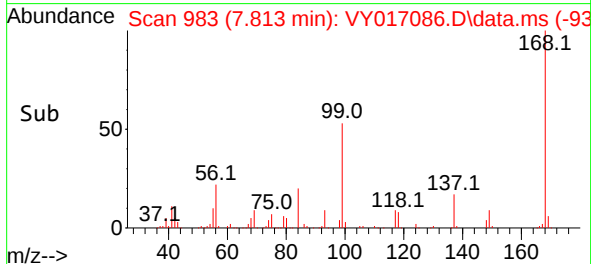
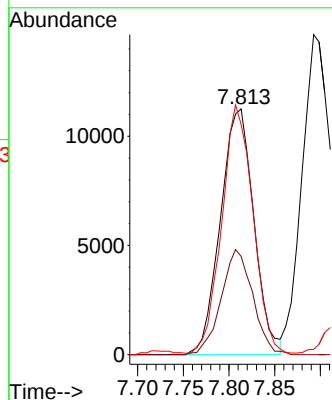
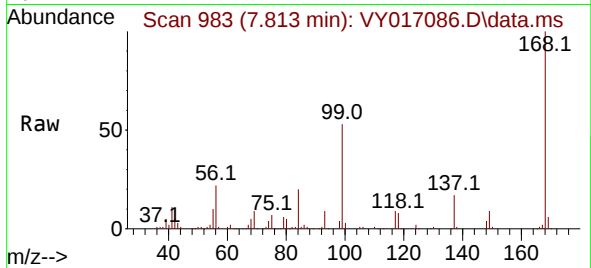




#31
Cyclohexane
Concen: 14.392 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

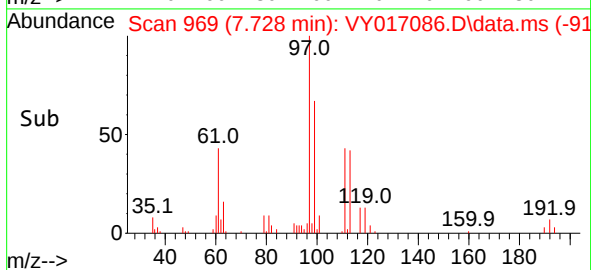
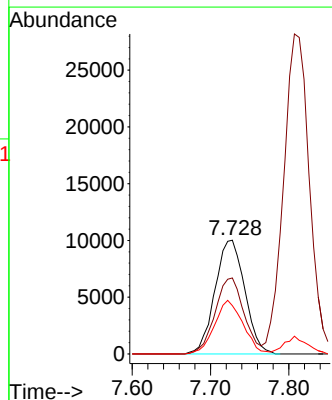
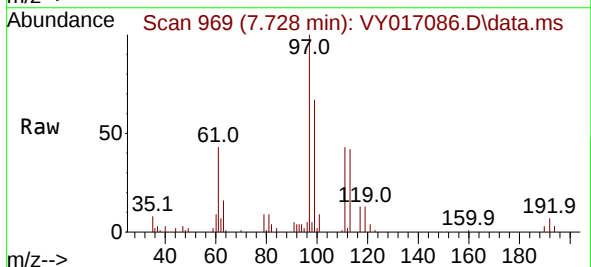
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

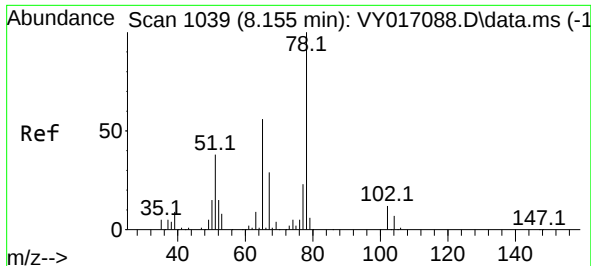
Tgt Ion: 56 Resp: 28680
Ion Ratio Lower Upper
56 100
69 40.0 27.0 40.6
84 92.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 12.348 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 97 Resp: 26516
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 45.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 11.285 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

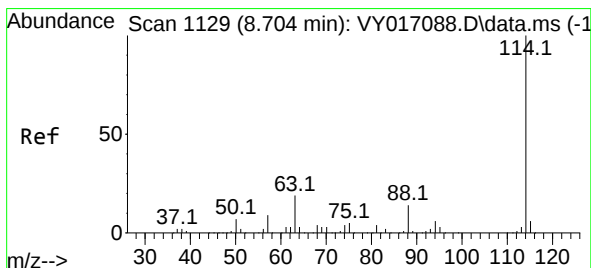
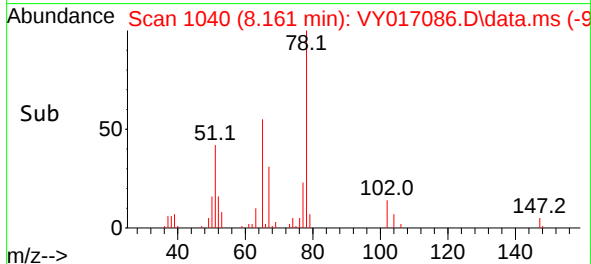
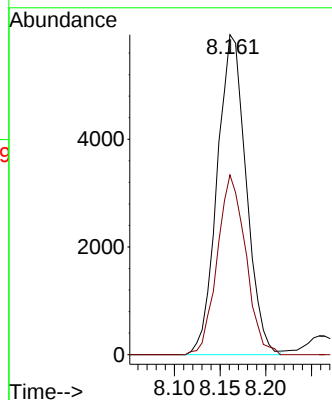
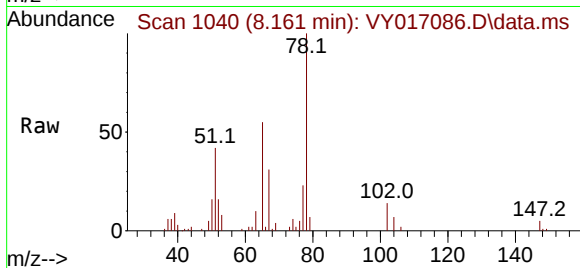
VSTDIC010

Tgt Ion: 65 Resp: 13103

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

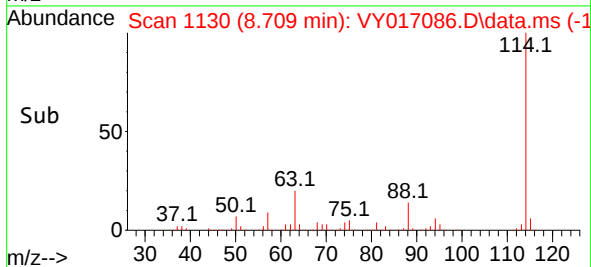
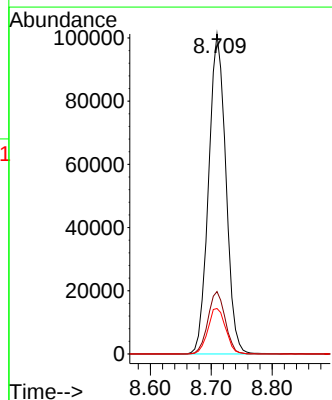
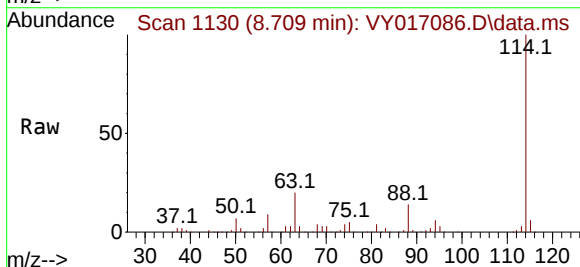
Tgt Ion: 114 Resp: 199029

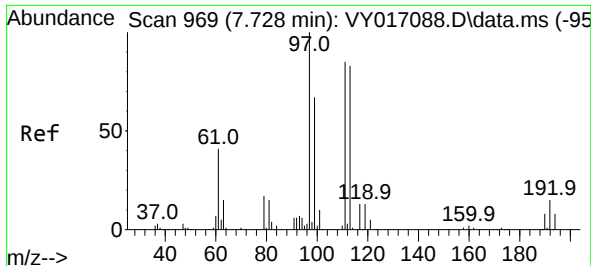
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 10.667 ug/l

RT: 7.734 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

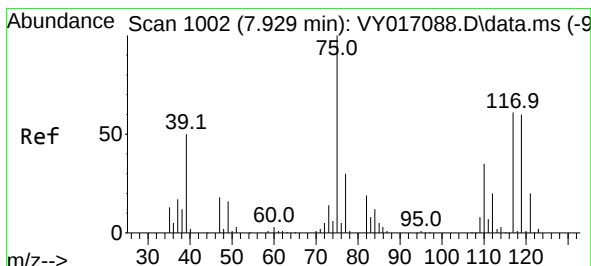
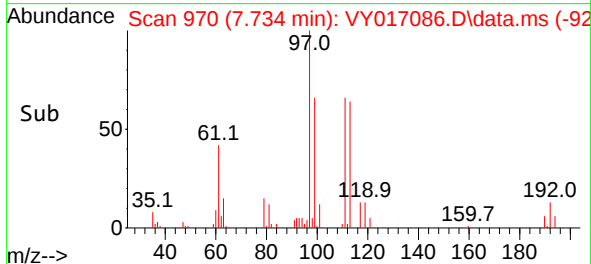
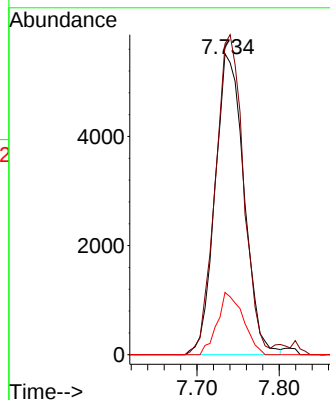
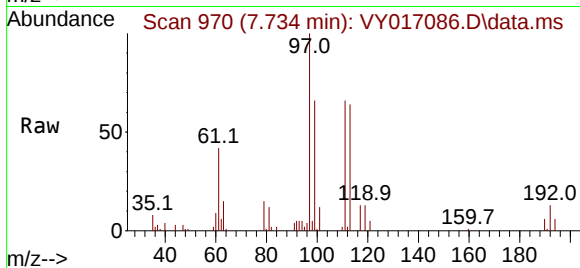
Tgt Ion:113 Resp: 13529

Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.3 14.5 21.7



#36

1,1-Dichloropropene

Concen: 13.312 ug/l

RT: 7.935 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

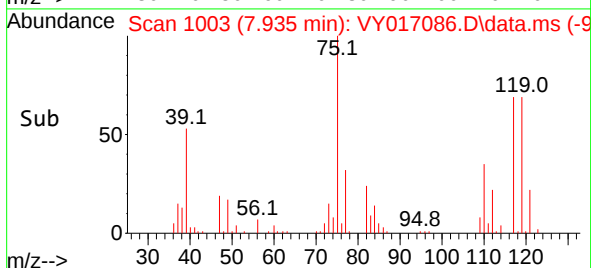
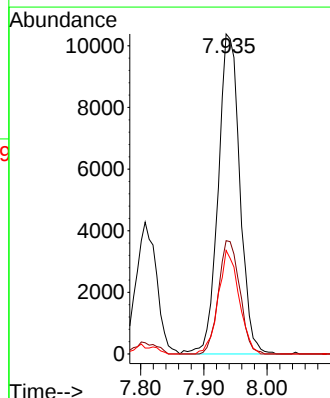
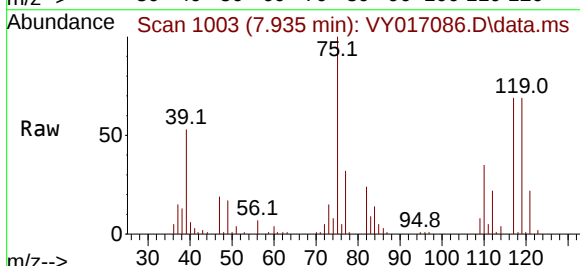
Tgt Ion: 75 Resp: 24605

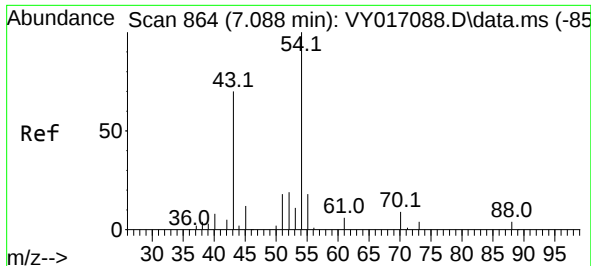
Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.3

77 31.1 24.7 37.1

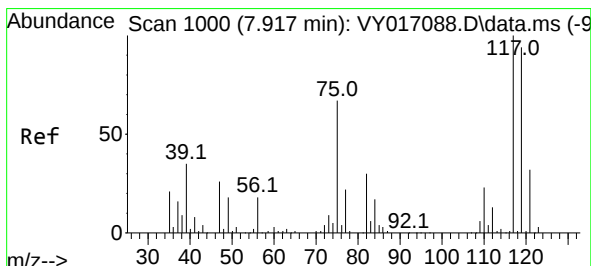
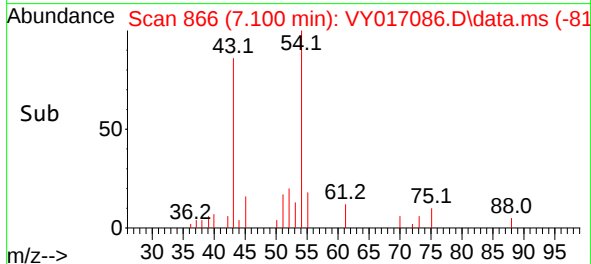
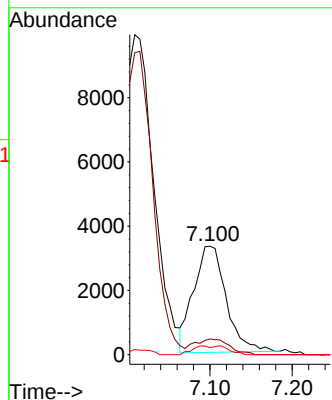
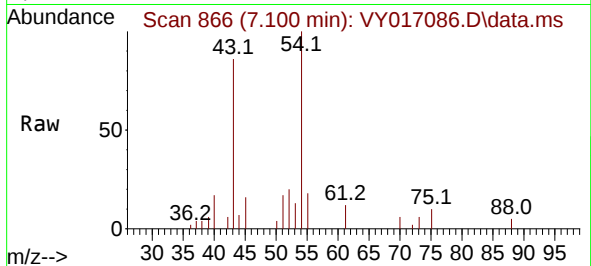




#37
Ethyl Acetate
Concen: 10.831 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

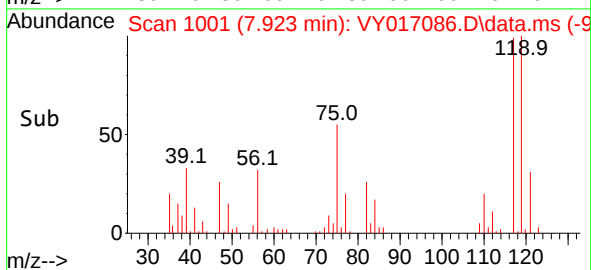
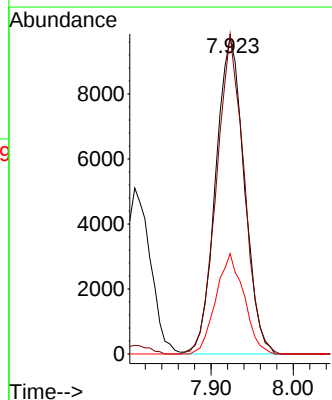
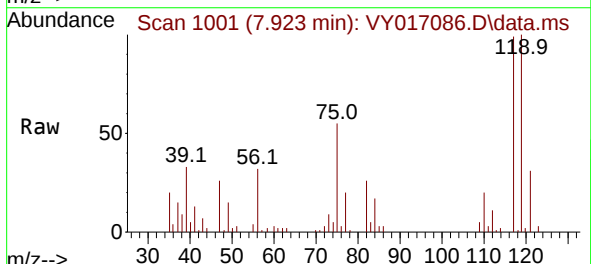
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

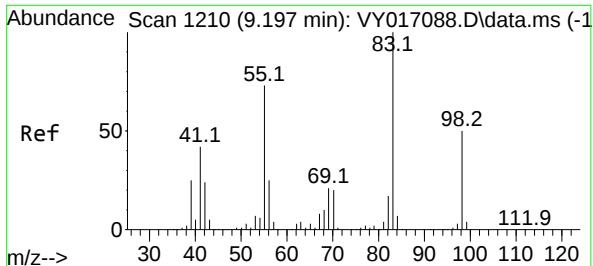
Tgt Ion: 43 Resp: 9098
Ion Ratio Lower Upper
43 100
61 15.8 11.0 16.6
70 4.7 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 12.524 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 117 Resp: 23518
Ion Ratio Lower Upper
117 100
119 101.1 76.0 114.0
121 31.7 24.2 36.2





#39

Methylcyclohexane

Concen: 13.126 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

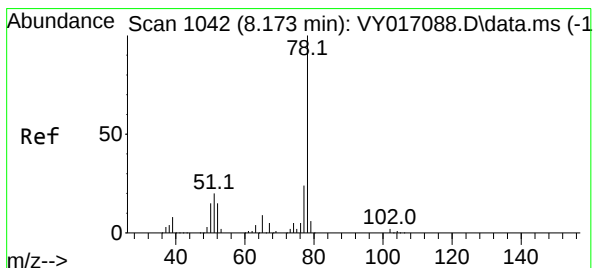
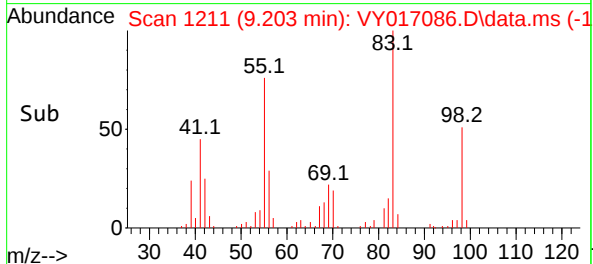
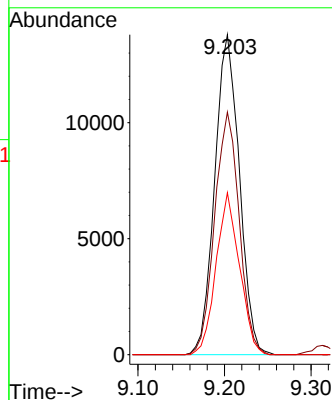
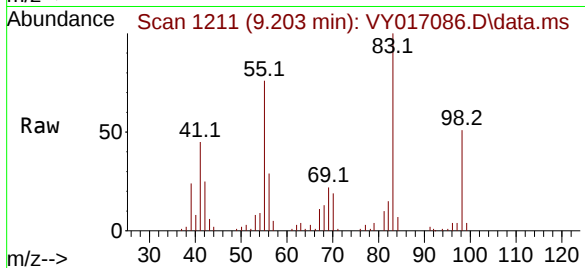
Tgt Ion: 83 Resp: 27275

Ion Ratio Lower Upper

83 100

55 75.8 59.7 89.5

98 50.6 38.0 57.0



#40

Benzene

Concen: 12.670 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY017086.D

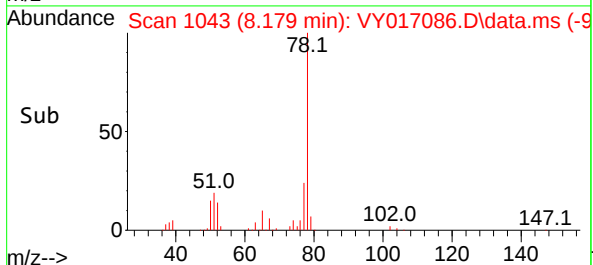
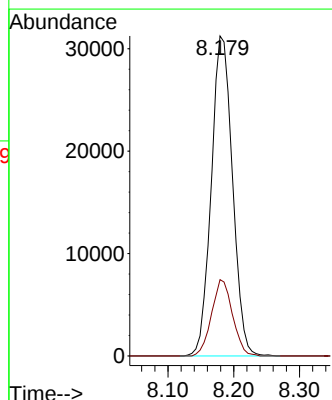
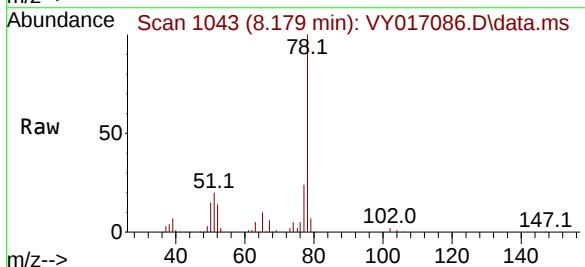
Acq: 24 Jan 2024 11:04

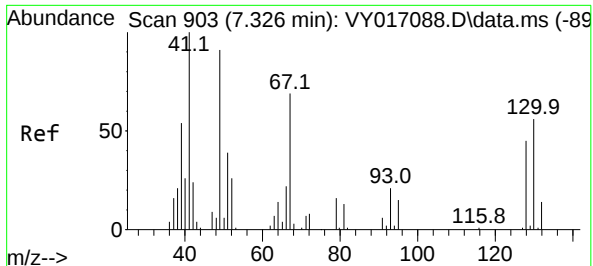
Tgt Ion: 78 Resp: 70250

Ion Ratio Lower Upper

78 100

77 23.9 18.8 28.2

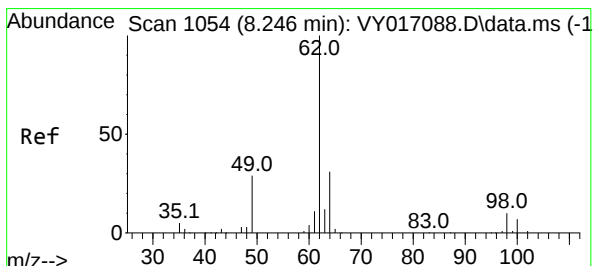
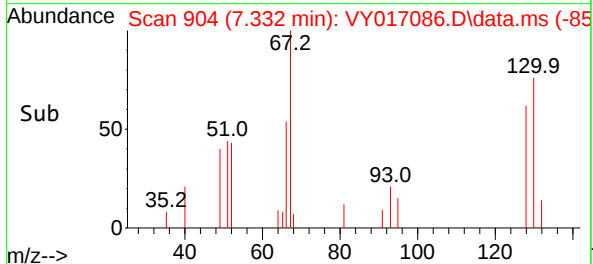
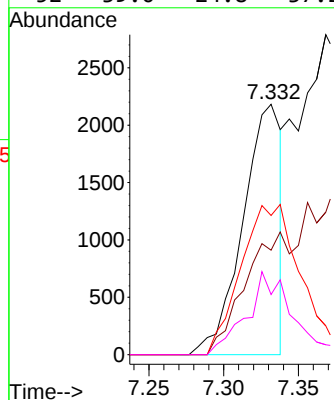
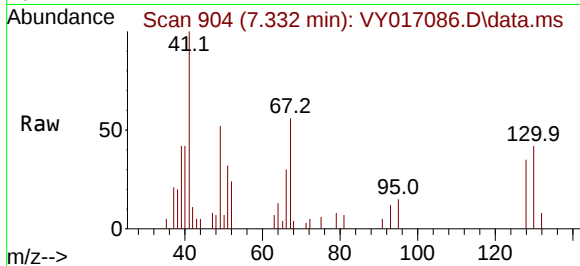




#41
Methacrylonitrile
Concen: 8.877 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.013 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

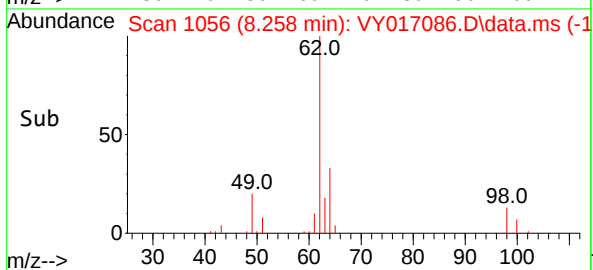
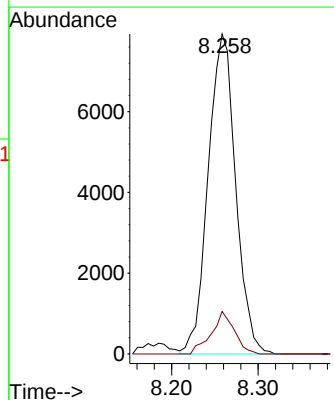
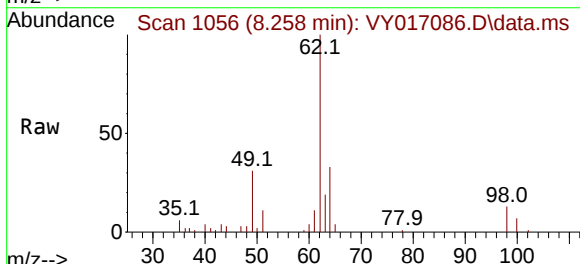
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

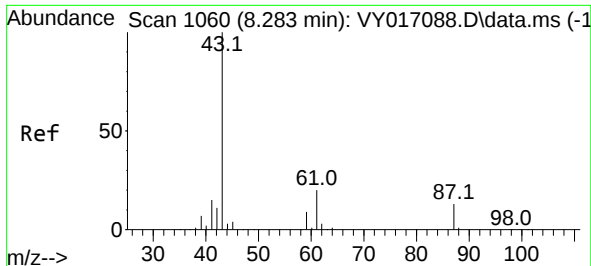
Tgt Ion: 41	Resp: 3927
Ion Ratio	Lower Upper
41 100	
39 0.0	41.9 62.9#
67 93.6	59.8 89.6#
52 39.0	24.8 37.2#



#42
1,2-Dichloroethane
Concen: 11.870 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 62	Resp: 17473
Ion Ratio	Lower Upper
62 100	
98 11.1	0.0 20.2





#43

Isopropyl Acetate

Concen: 10.747 ug/l

RT: 8.295 min Scan# 1106

Delta R.T. 0.012 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

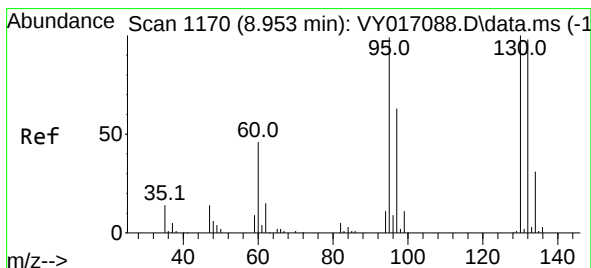
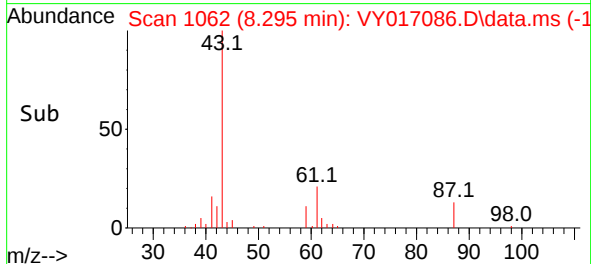
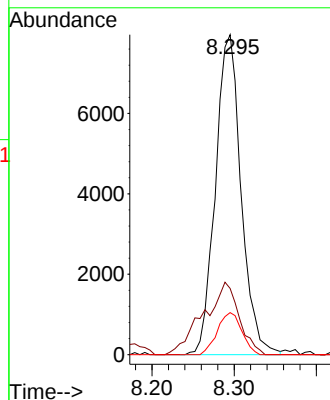
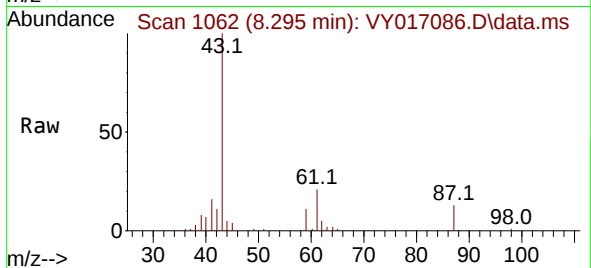
Tgt Ion: 43 Resp: 17287

Ion Ratio Lower Upper

43 100

61 31.4 24.8 37.2

87 12.5 10.7 16.1



#44

Trichloroethene

Concen: 12.777 ug/l

RT: 8.959 min Scan# 1171

Delta R.T. 0.012 min

Lab File: VY017086.D

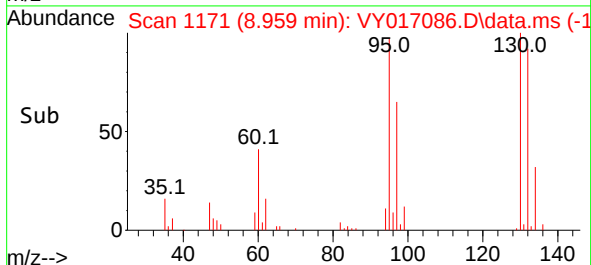
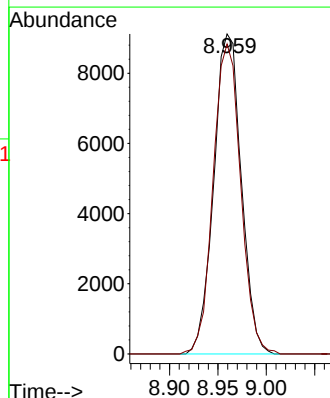
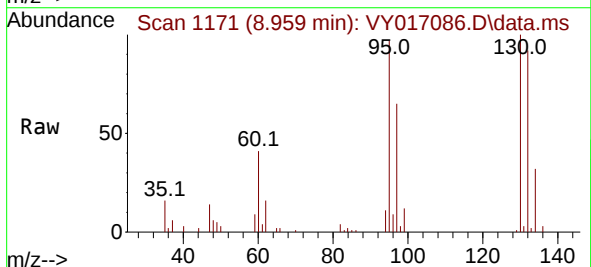
Acq: 24 Jan 2024 11:04

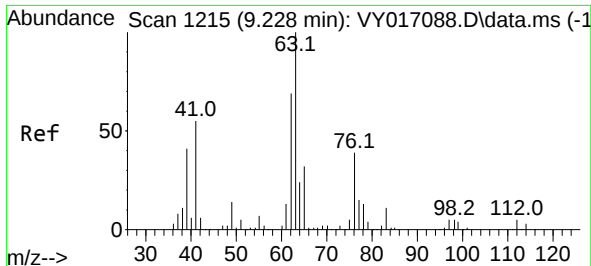
Tgt Ion:130 Resp: 18027

Ion Ratio Lower Upper

130 100

95 96.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 11.993 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

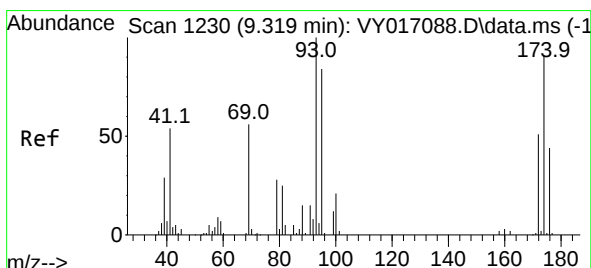
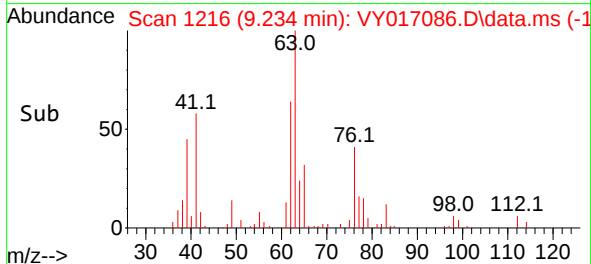
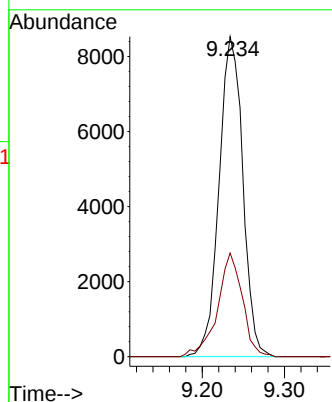
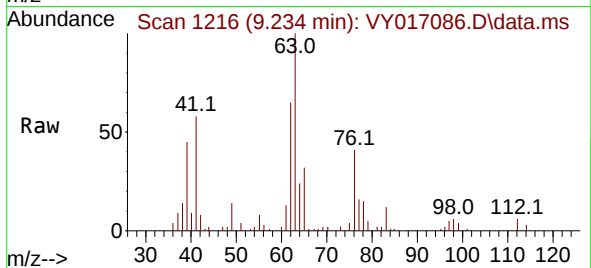
VSTDICC010

Tgt Ion: 63 Resp: 17131

Ion Ratio Lower Upper

63 100

65 32.4 24.6 36.8



#46

Dibromomethane

Concen: 11.535 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

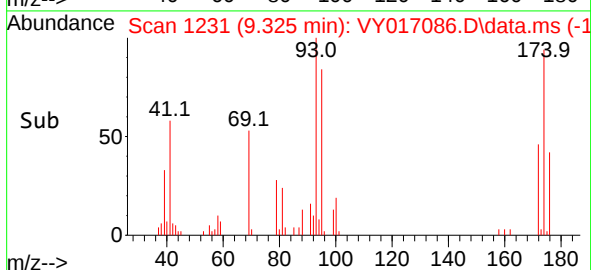
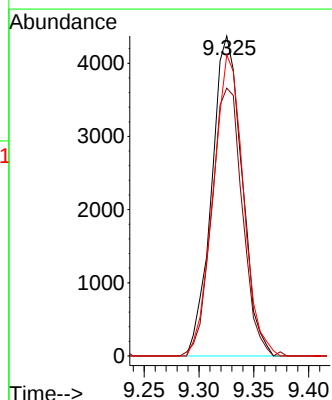
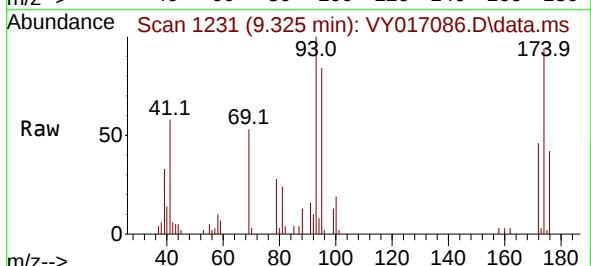
Tgt Ion: 93 Resp: 8403

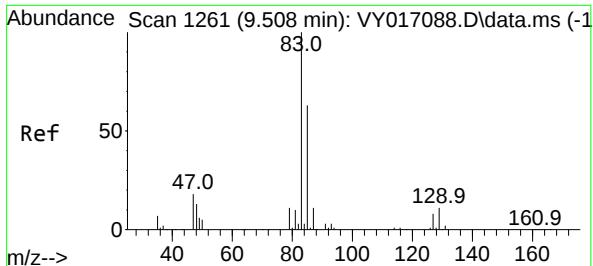
Ion Ratio Lower Upper

93 100

95 84.7 66.6 99.8

174 93.5 73.8 110.6

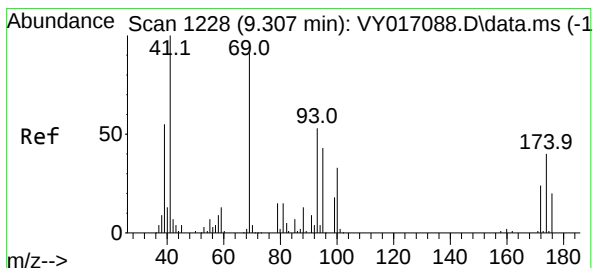
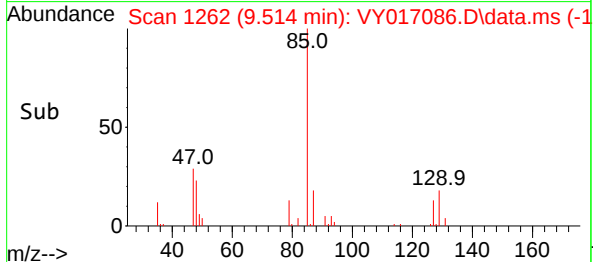
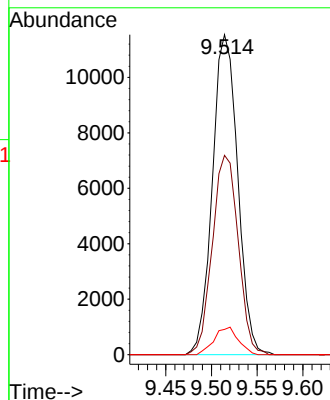
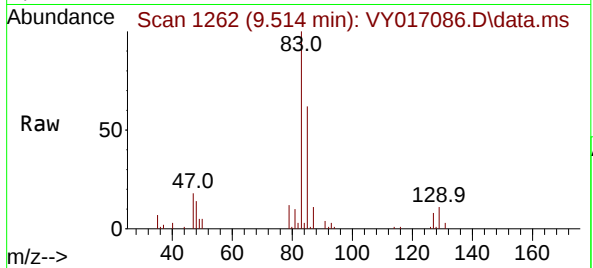




#47
Bromodichloromethane
Concen: 11.343 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

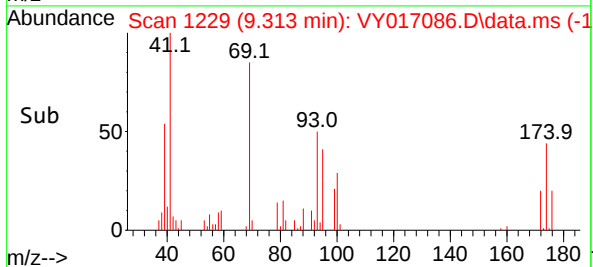
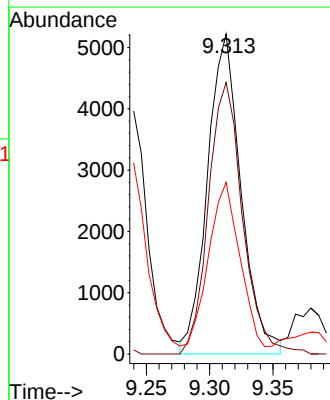
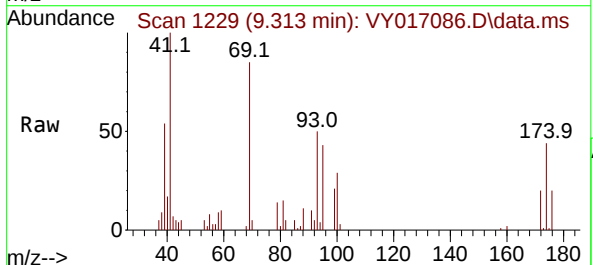
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

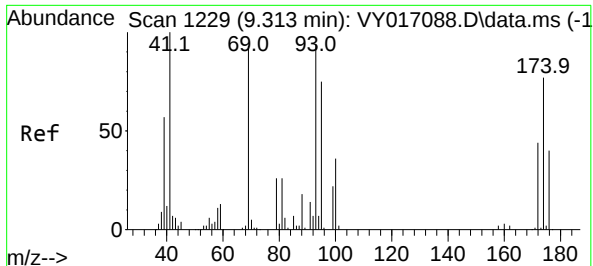
Tgt Ion: 83 Resp: 22189
Ion Ratio Lower Upper
83 100
85 62.3 53.2 79.8
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 11.115 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 41 Resp: 9649
Ion Ratio Lower Upper
41 100
69 86.2 72.1 108.1
39 48.0 42.8 64.2





#49

1,4-Dioxane

Concen: 190.505 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

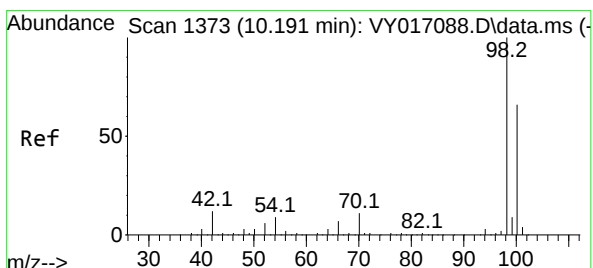
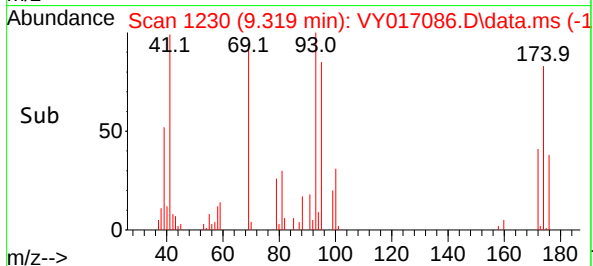
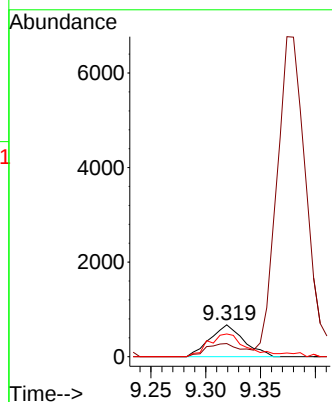
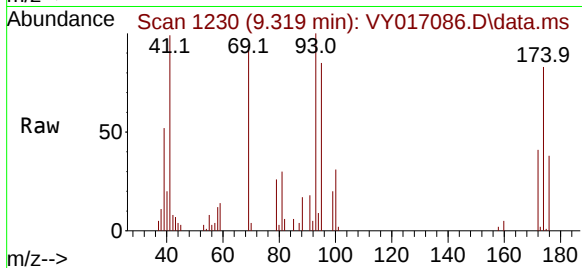
Tgt Ion: 88 Resp: 1437

Ion Ratio Lower Upper

88 100

43 37.2 28.2 42.4

58 79.1 52.2 78.2#



#50

Toluene-d8

Concen: 11.957 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017086.D

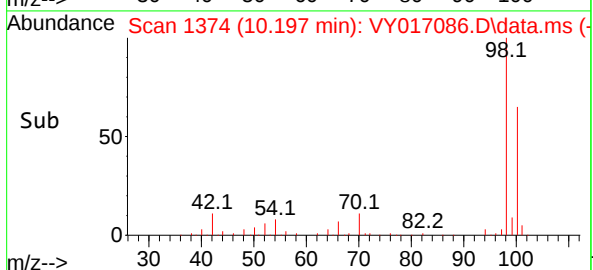
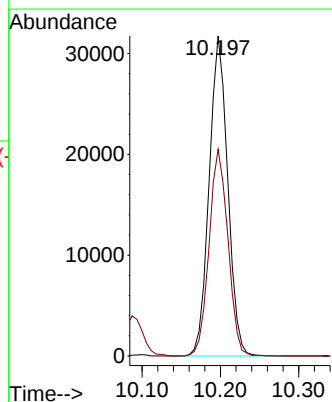
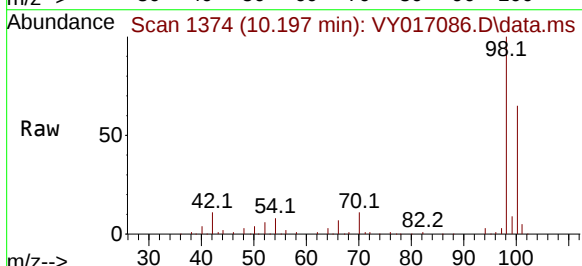
Acq: 24 Jan 2024 11:04

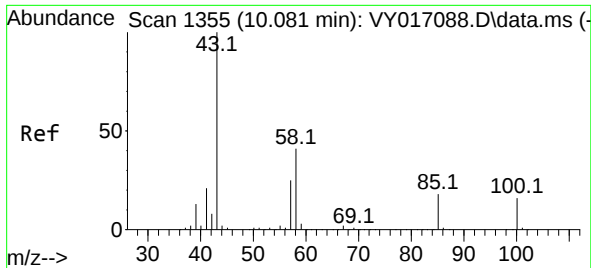
Tgt Ion: 98 Resp: 52220

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

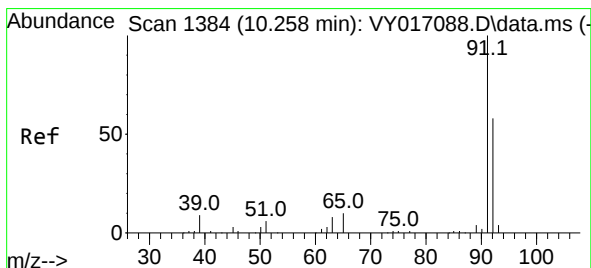
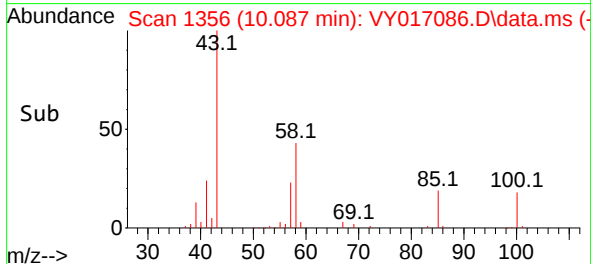
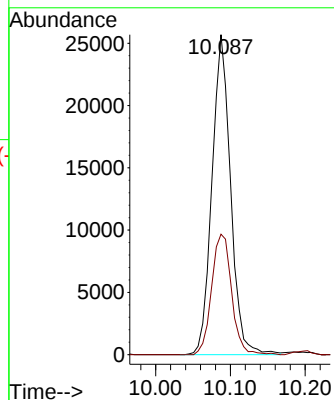
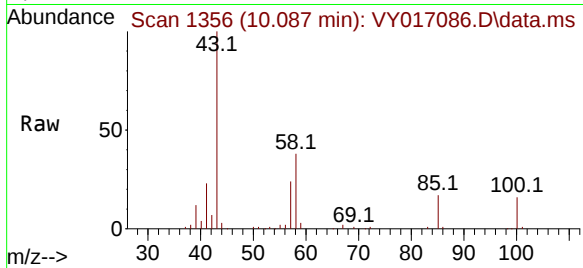




#51
4-Methyl-2-Pentanone
Concen: 51.942 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

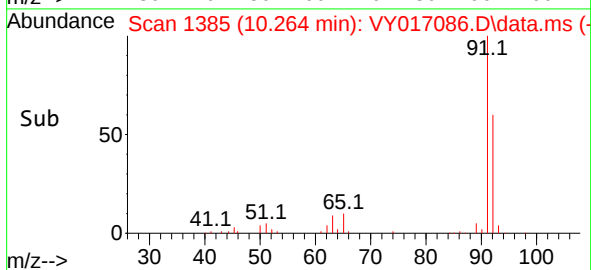
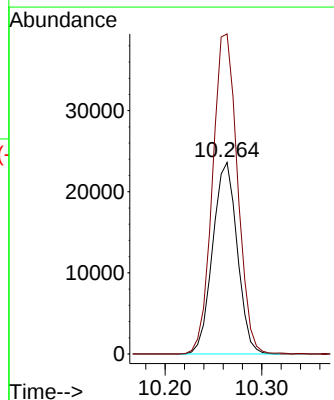
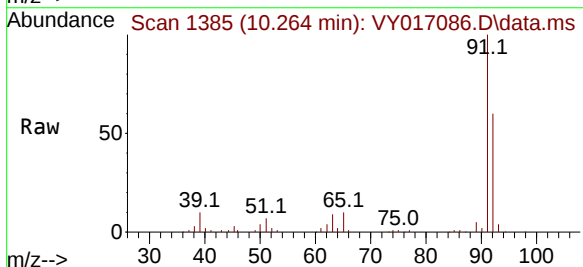
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

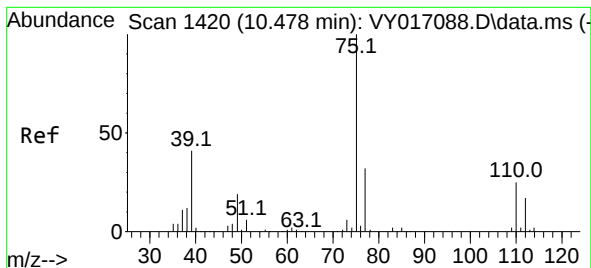
Tgt Ion: 43 Resp: 44433
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.2



#52
Toluene
Concen: 12.428 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 92 Resp: 41586
Ion Ratio Lower Upper
92 100
91 170.4 137.6 206.4

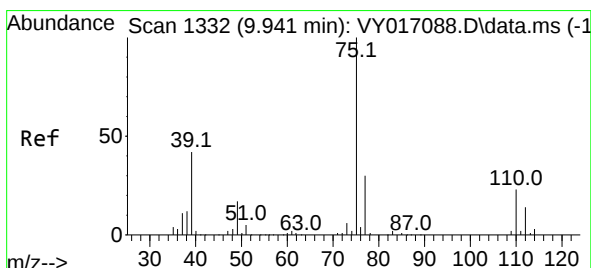
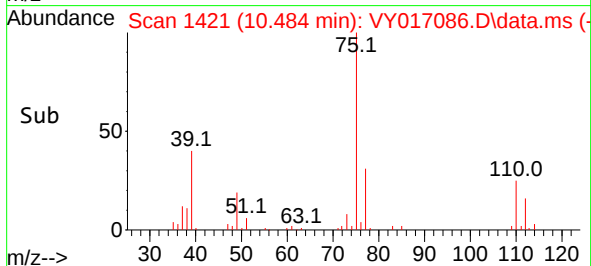
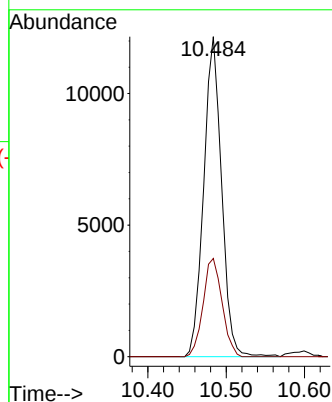
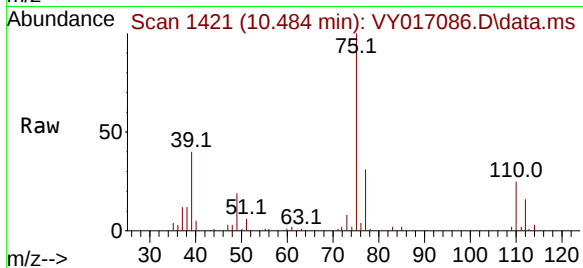




#53
 t-1,3-Dichloropropene
 Concen: 10.995 ug/l
 RT: 10.484 min Scan# 1420
 Delta R.T. 0.013 min
 Lab File: VY017086.D
 Acq: 24 Jan 2024 11:04

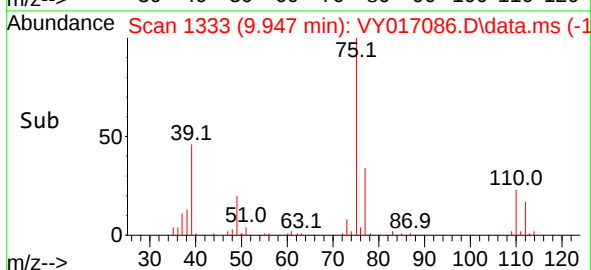
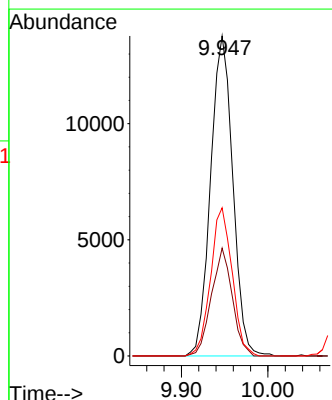
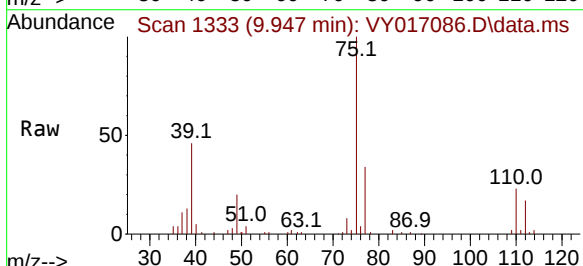
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

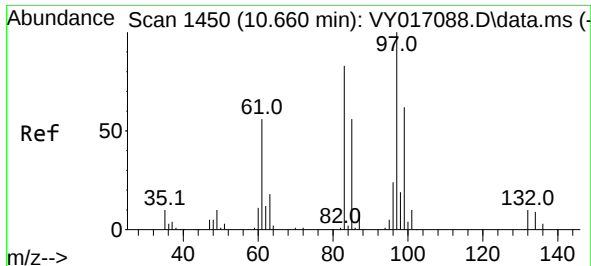
Tgt Ion: 75 Resp: 19266
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 11.664 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY017086.D
 Acq: 24 Jan 2024 11:04

Tgt Ion: 75 Resp: 24546
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.6 36.8
 39 46.3 33.6 50.4

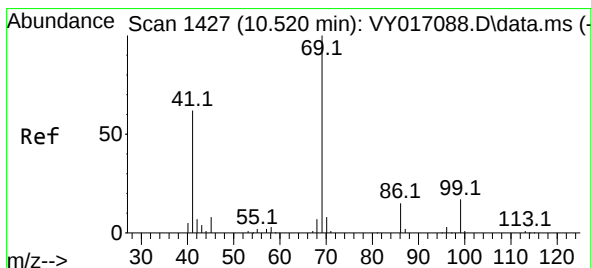
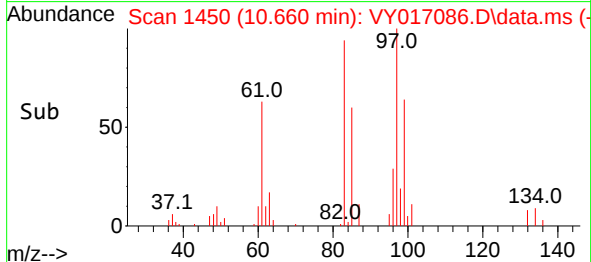
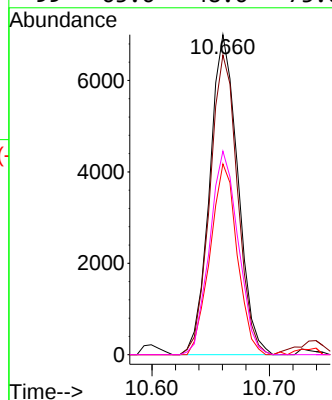
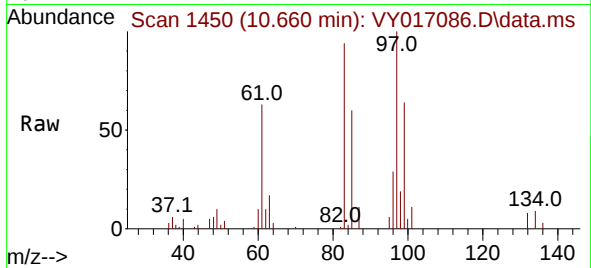




#55
1,1,2-Trichloroethane
Concen: 10.958 ug/l
RT: 10.660 min Scan# 1450
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

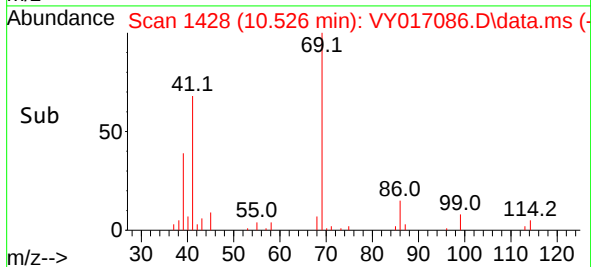
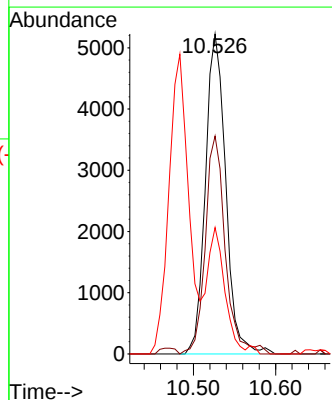
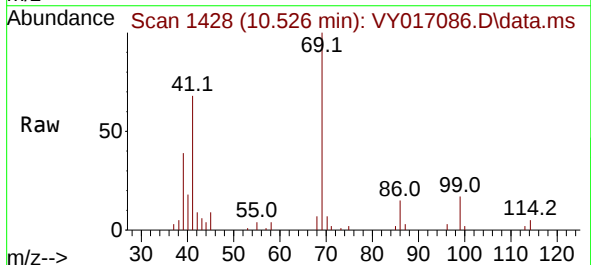
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

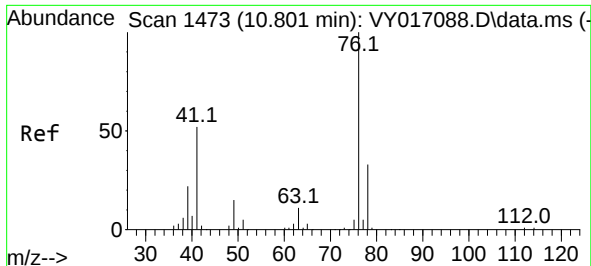
Tgt Ion: 97	Resp: 11663
Ion Ratio	Lower Upper
97 100	
83 93.6	69.4 104.2
85 59.6	43.9 65.9
99 63.6	48.6 73.0



#56
Ethyl methacrylate
Concen: 9.928 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 69	Resp: 8950		
Ion Ratio	Lower	Upper	
69 100			
41 67.2	49.2	73.8	
39 32.4	26.8	40.2	





#57

1,3-Dichloropropane

Concen: 11.664 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.007 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

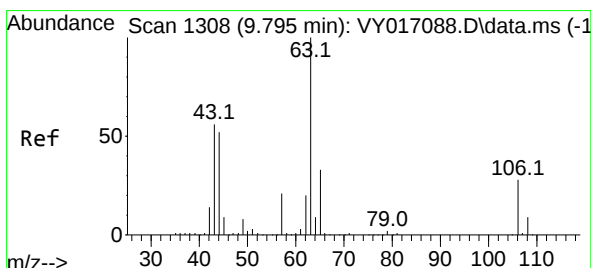
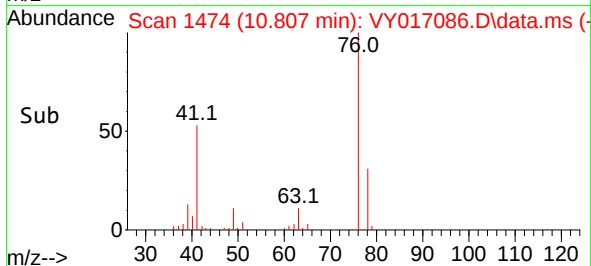
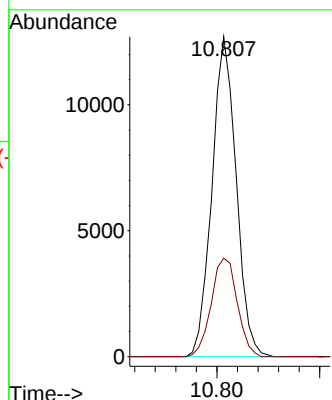
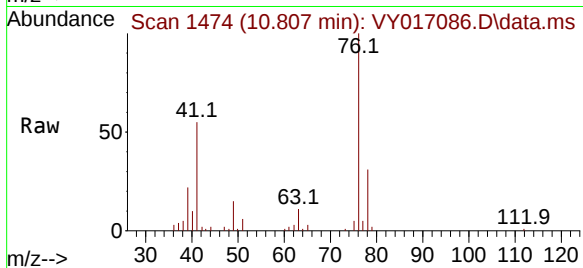
VSTDIC010

Tgt Ion: 76 Resp: 20727

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 60.571 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.013 min

Lab File: VY017086.D

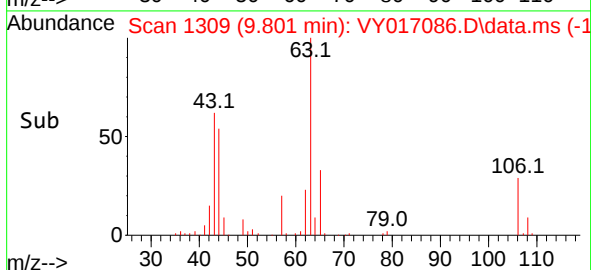
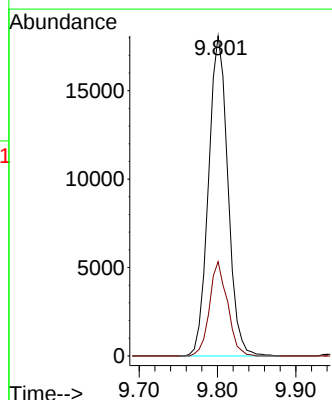
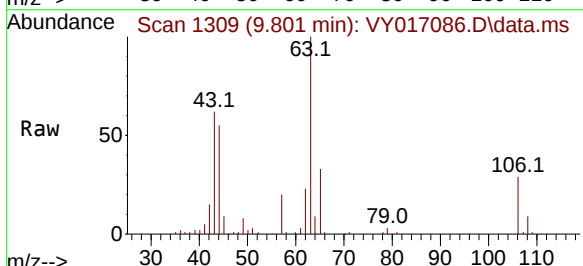
Acq: 24 Jan 2024 11:04

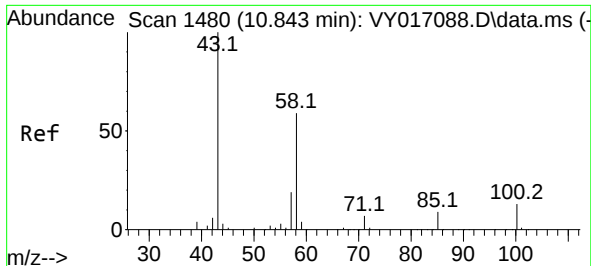
Tgt Ion: 63 Resp: 31095

Ion Ratio Lower Upper

63 100

106 27.4 22.4 33.6

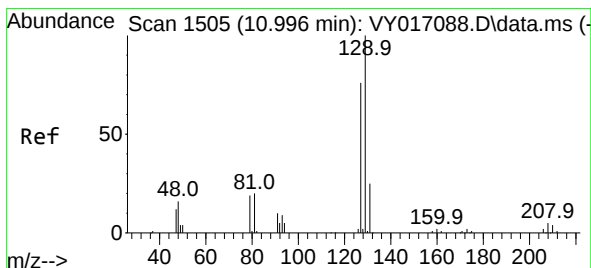
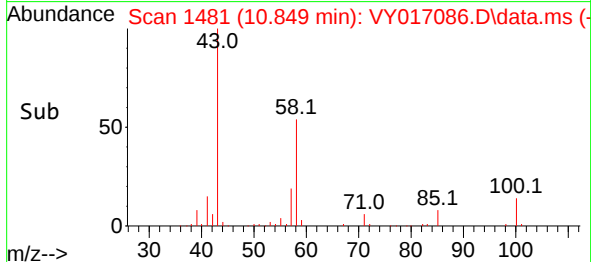
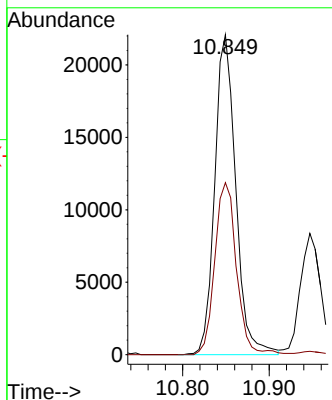
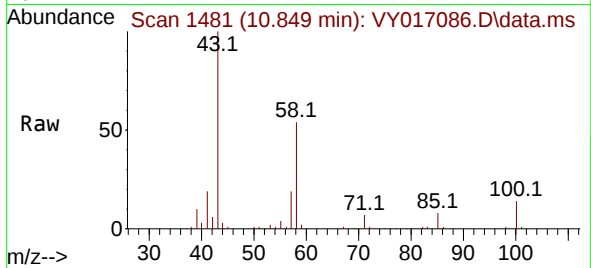




#59
2-Hexanone
Concen: 59.046 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

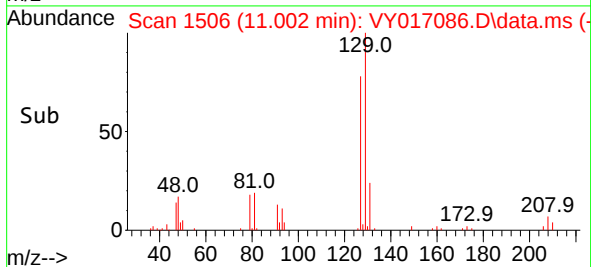
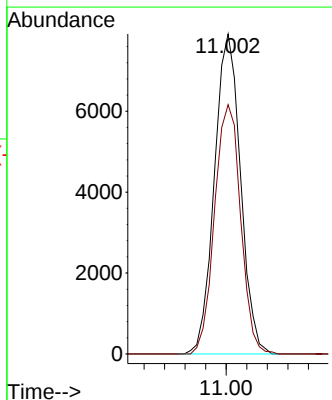
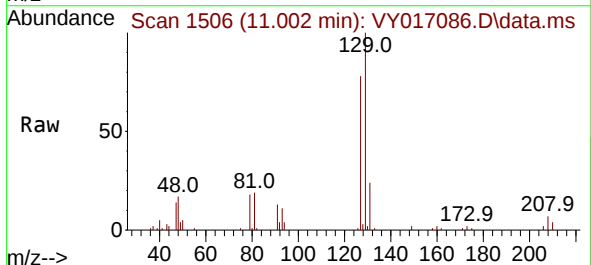
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

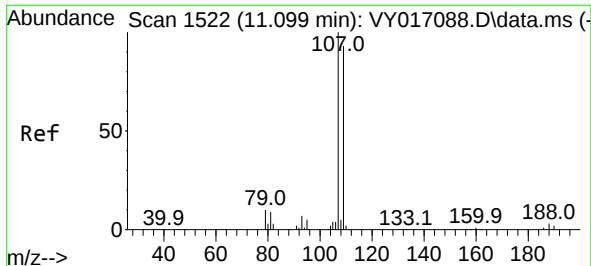
Tgt Ion: 43 Resp: 37192
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.3



#60
Dibromochloromethane
Concen: 11.353 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 129 Resp: 13934
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

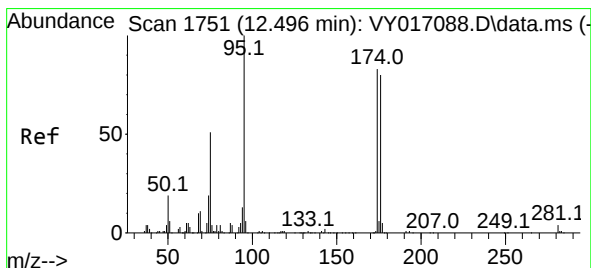
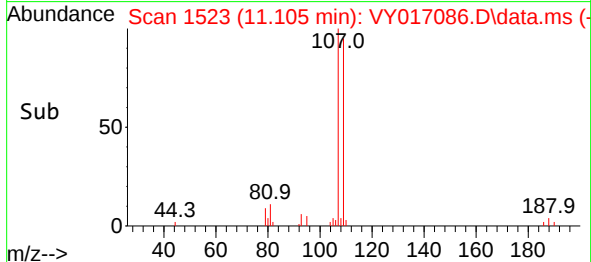
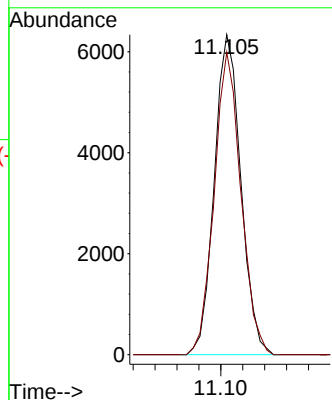
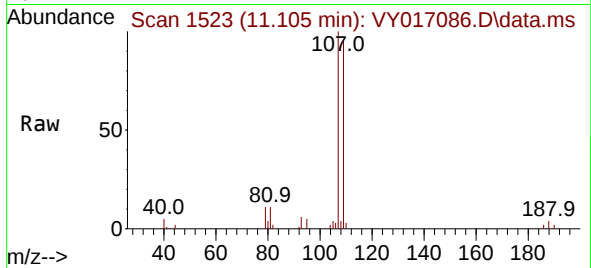




#61
1,2-Dibromoethane
Concen: 11.529 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

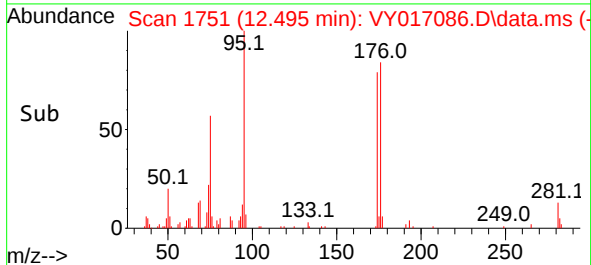
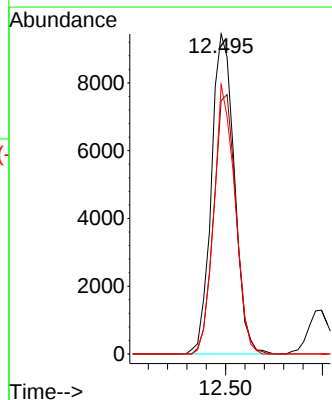
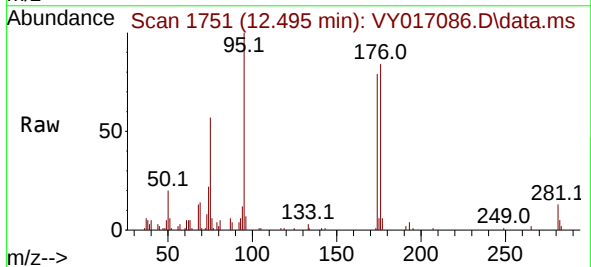
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

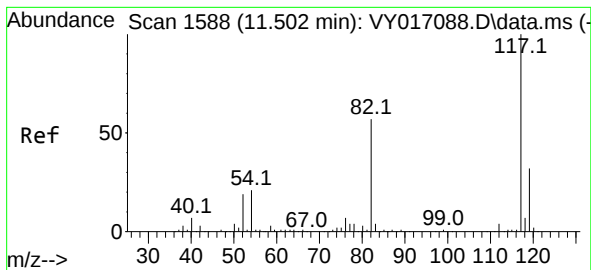
Tgt Ion:107 Resp: 10661
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 10.538 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 95 Resp: 15528
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 77.5 0.0 151.8

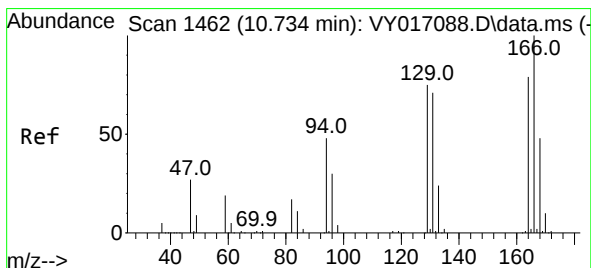
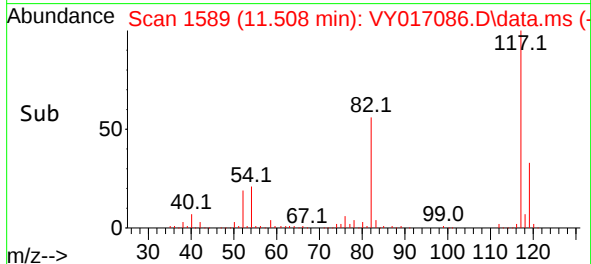
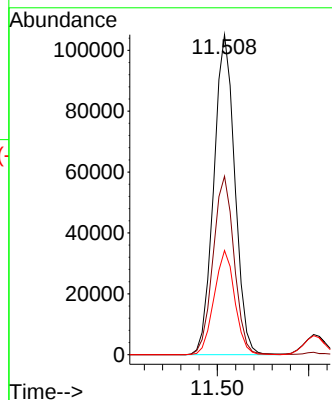
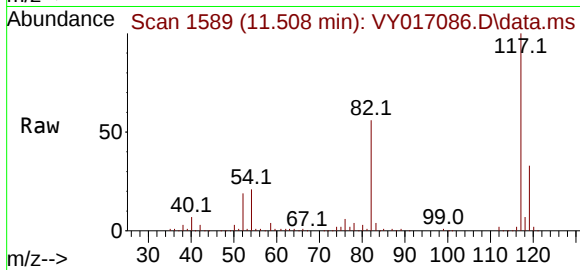




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

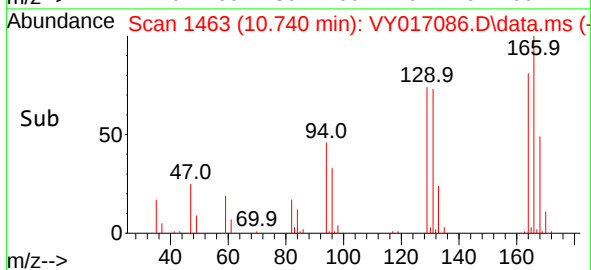
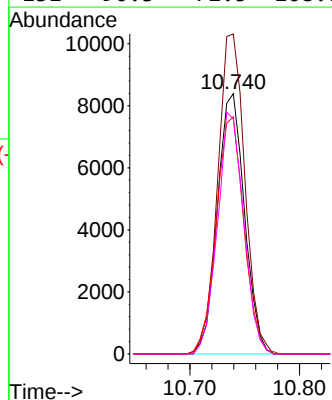
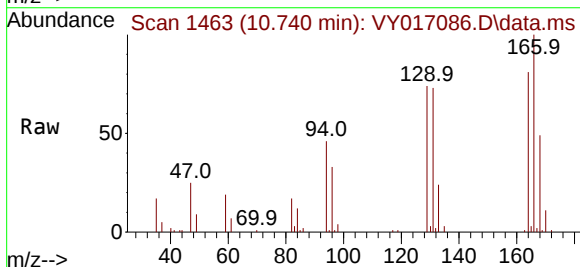
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

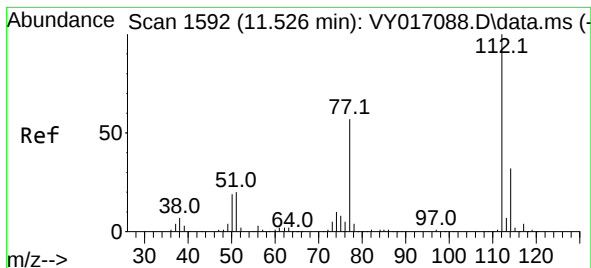
Tgt Ion:117 Resp: 167896
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.8
119 32.6 26.5 39.7



#64
Tetrachloroethene
Concen: 13.215 ug/l
RT: 10.740 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion:164 Resp: 14384
Ion Ratio Lower Upper
164 100
166 122.9 98.8 148.2
129 91.1 78.9 118.3
131 90.3 72.5 108.7





#65

Chlorobenzene

Concen: 12.250 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

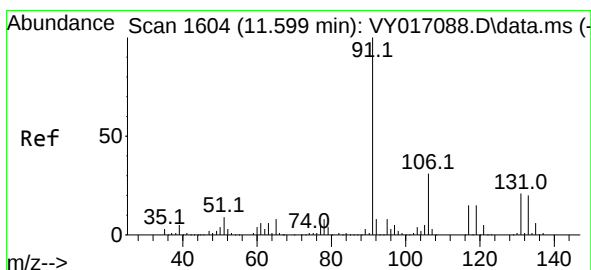
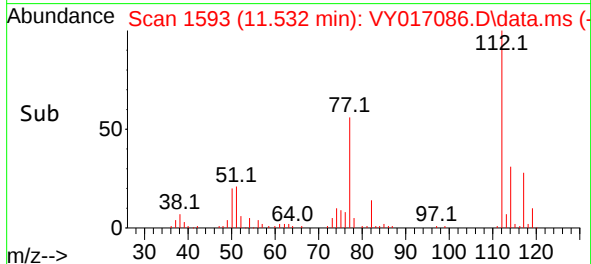
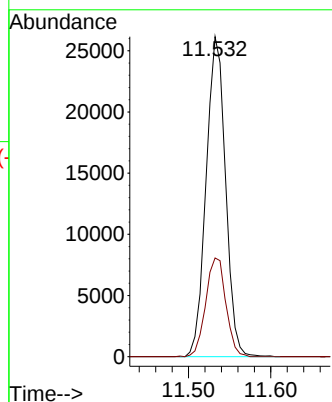
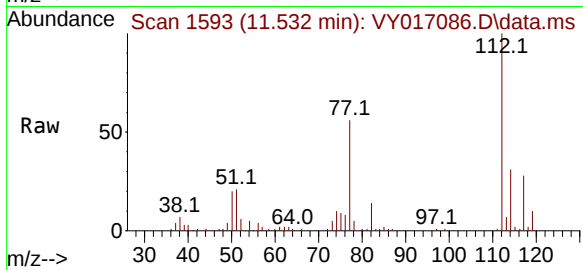
VSTDIC010

Tgt Ion:112 Resp: 42846

Ion Ratio Lower Upper

112 100

114 30.9 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 11.780 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

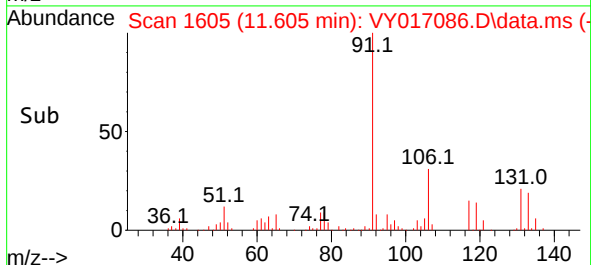
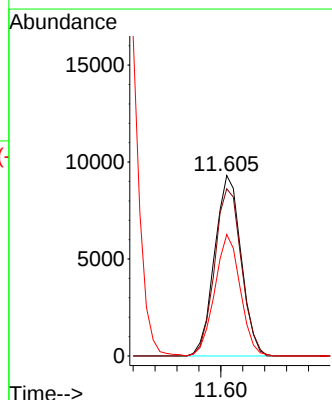
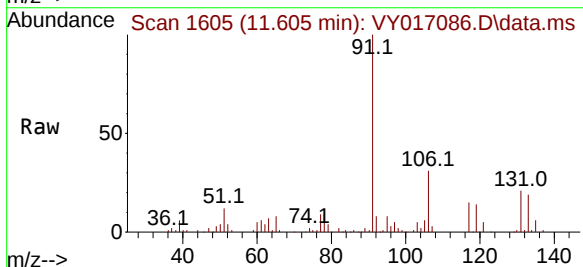
Tgt Ion:131 Resp: 15662

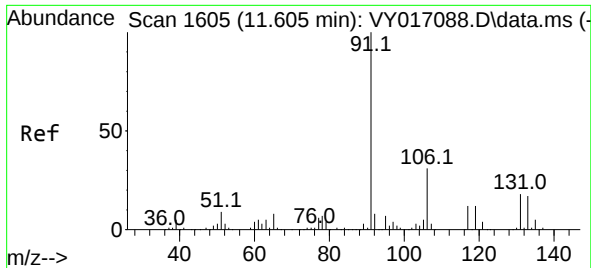
Ion Ratio Lower Upper

131 100

133 93.7 47.0 141.0

119 64.7 33.3 99.9

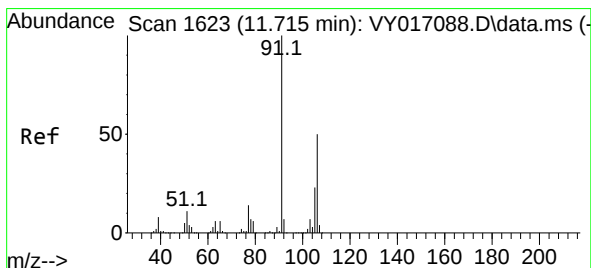
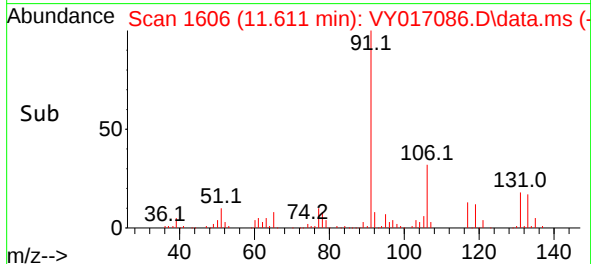
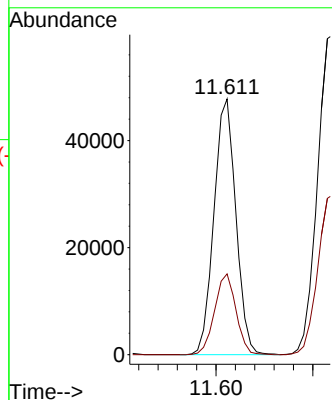
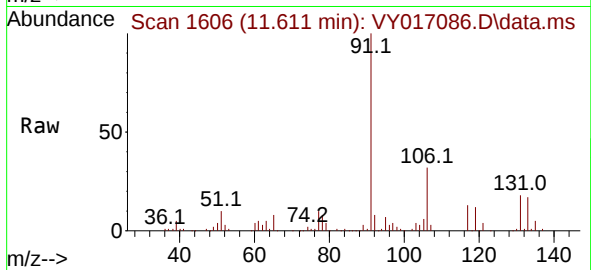




#67
Ethyl Benzene
Concen: 11.928 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

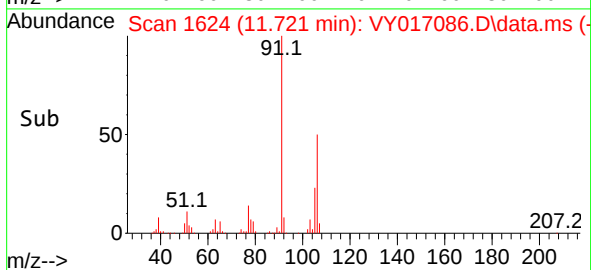
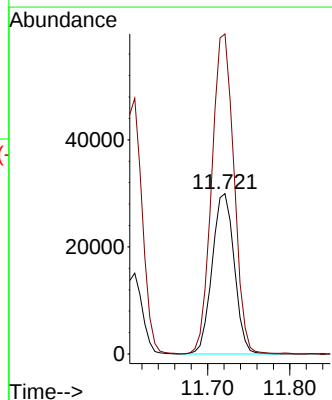
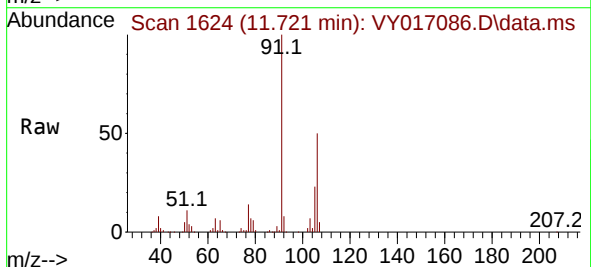
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

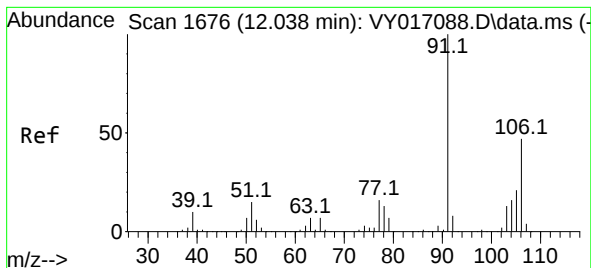
Tgt Ion: 91 Resp: 75106
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



#68
m/p-Xylenes
Concen: 24.211 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 106 Resp: 55959
Ion Ratio Lower Upper
106 100
91 200.9 160.7 241.1





#69

o-Xylene

Concen: 11.356 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

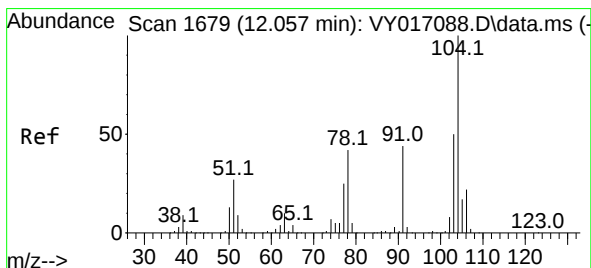
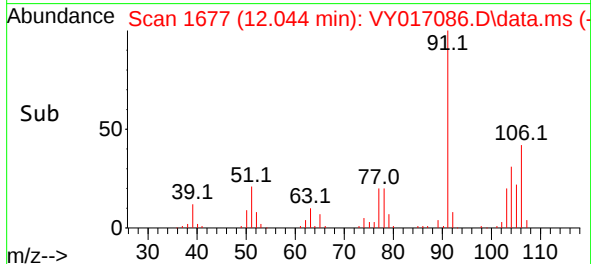
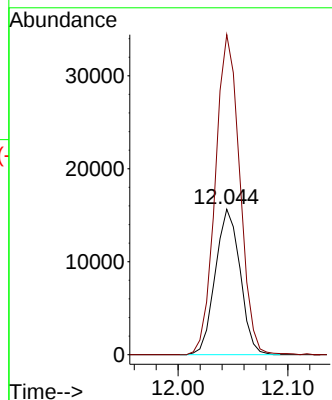
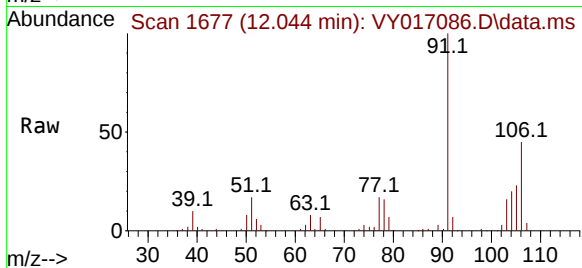
VSTDIC010

Tgt Ion:106 Resp: 24607

Ion Ratio Lower Upper

106 100

91 217.3 106.5 319.5



#70

Styrene

Concen: 11.195 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

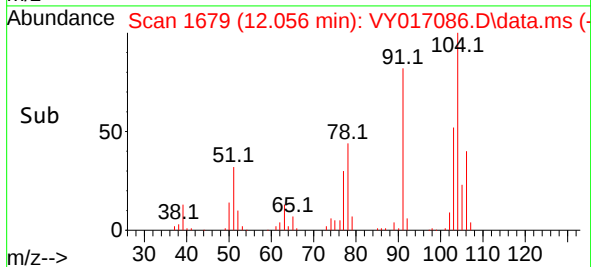
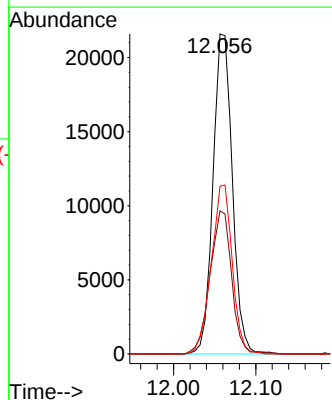
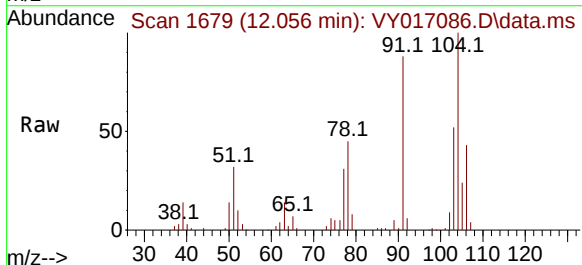
Tgt Ion:104 Resp: 35305

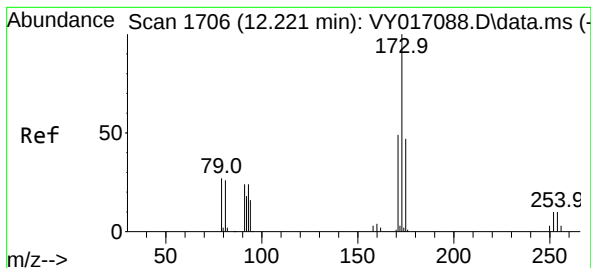
Ion Ratio Lower Upper

104 100

78 49.9 39.2 58.8

103 57.2 43.8 65.6





#71

Bromoform

Concen: 10.505 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

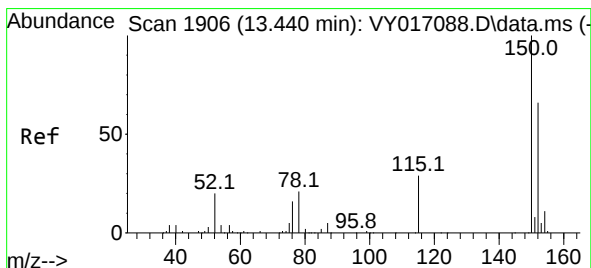
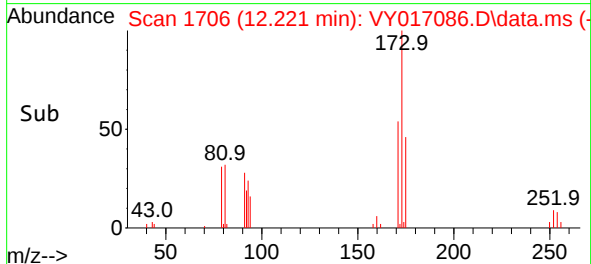
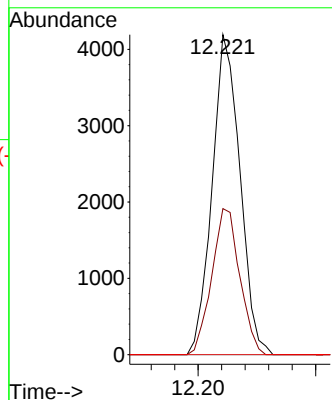
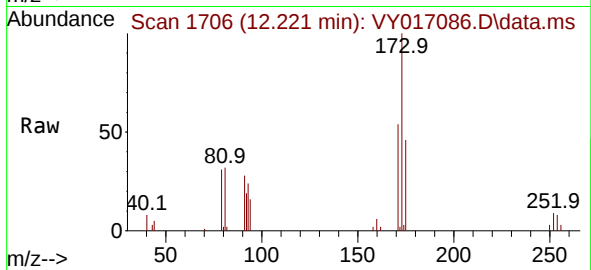
Tgt Ion:173 Resp: 6876

Ion Ratio Lower Upper

173 100

175 46.0 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

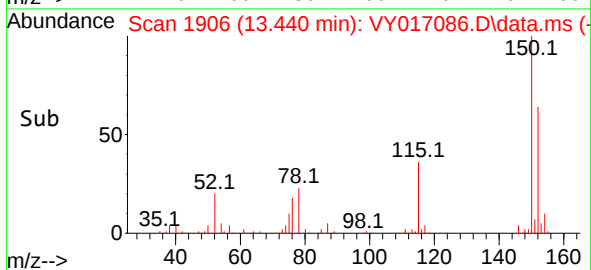
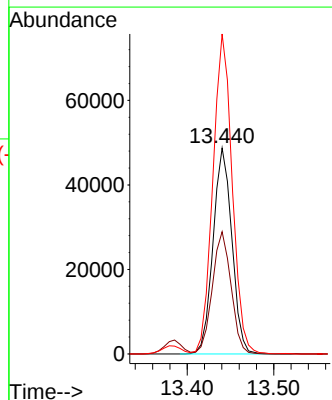
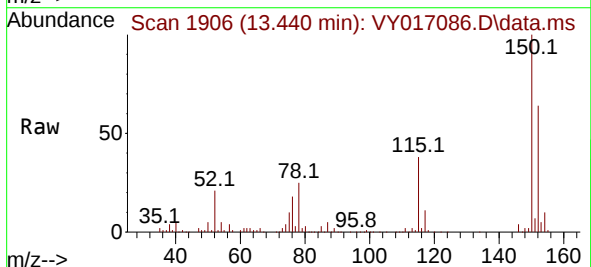
Tgt Ion:152 Resp: 73433

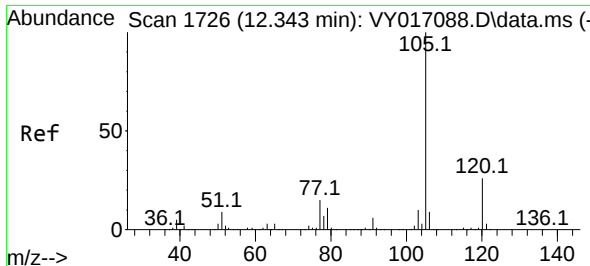
Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 159.4 0.0 344.6

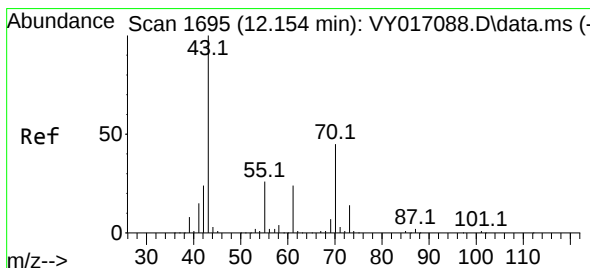
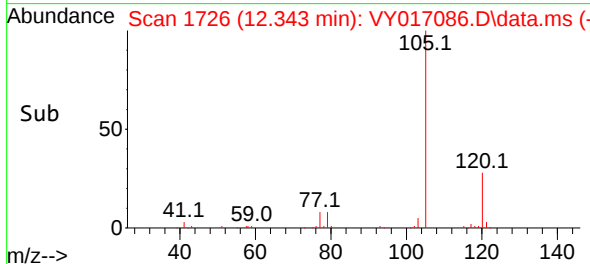
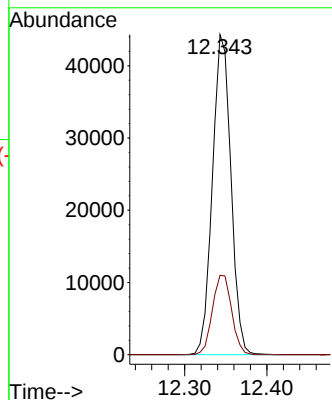
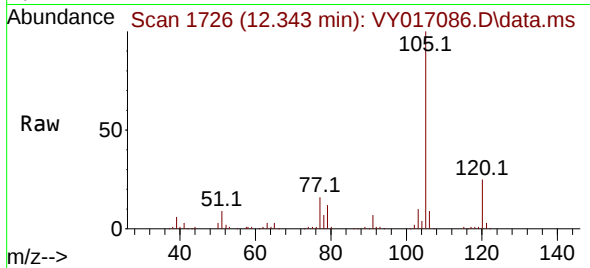




#73
Isopropylbenzene
Concen: 11.523 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

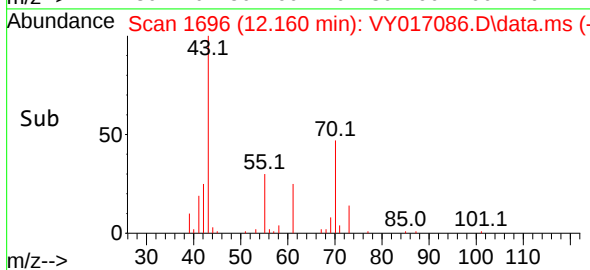
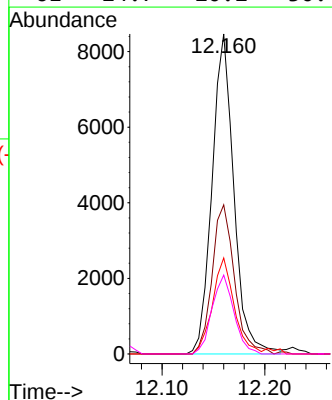
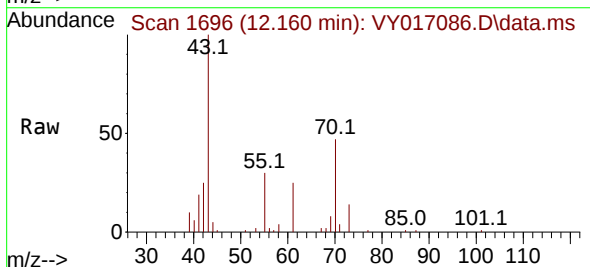
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

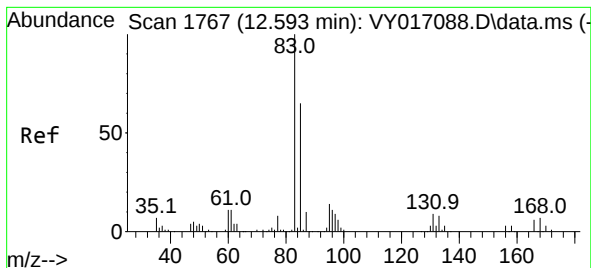
Tgt Ion:105 Resp: 69099
Ion Ratio Lower Upper
105 100
120 25.7 13.0 39.0



#74
N-ethyl acetate
Concen: 10.354 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 43 Resp: 12475
Ion Ratio Lower Upper
43 100
70 48.0 36.6 55.0
55 29.9 22.2 33.4
61 24.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 10.749 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

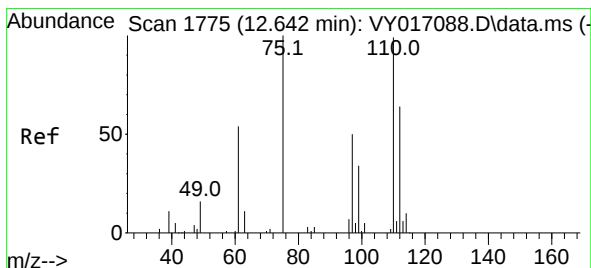
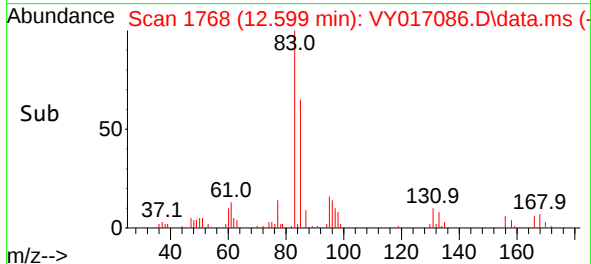
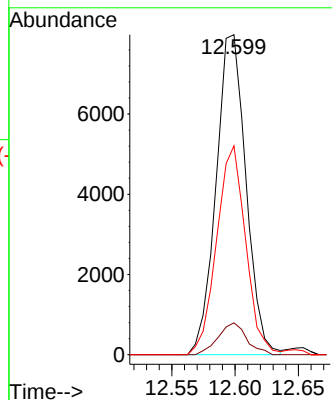
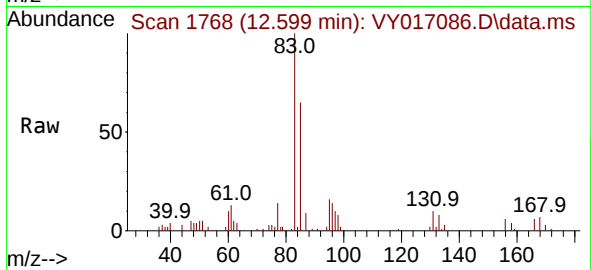
Tgt Ion: 83 Resp: 13133

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 63.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 19.261 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017086.D

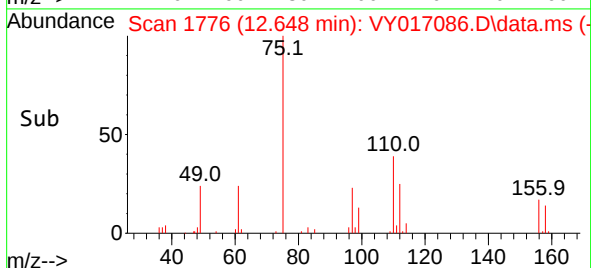
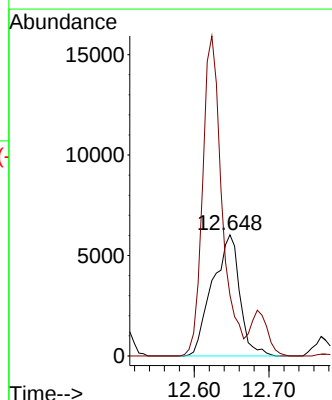
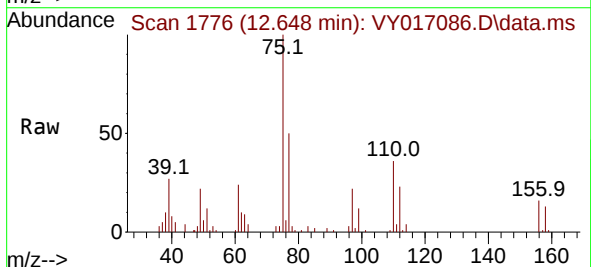
Acq: 24 Jan 2024 11:04

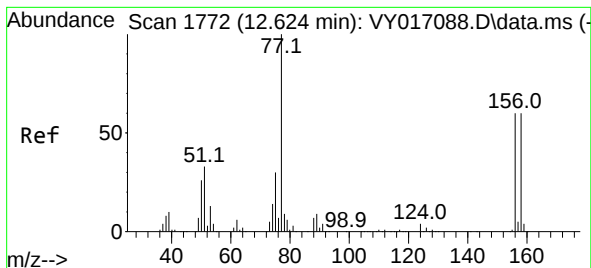
Tgt Ion: 75 Resp: 15349

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 11.160 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

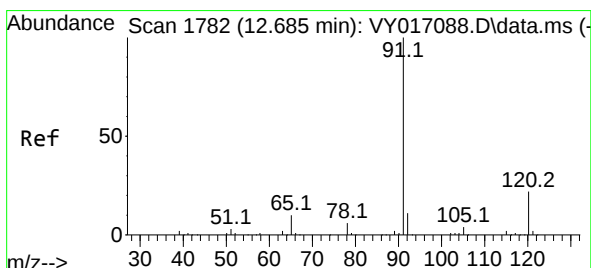
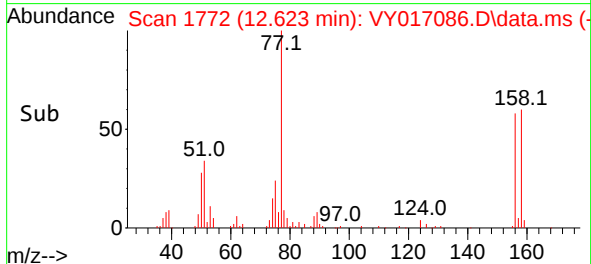
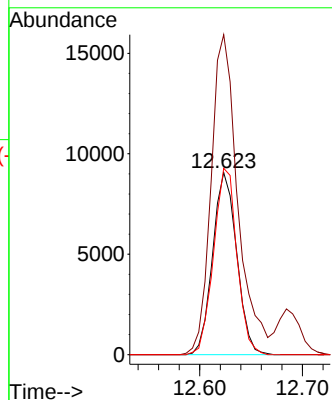
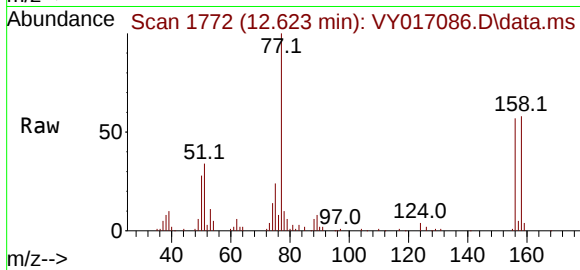
Tgt Ion:156 Resp: 14734

Ion Ratio Lower Upper

156 100

77 194.7 97.3 291.8

158 99.5 48.4 145.0



#78

n-propylbenzene

Concen: 11.638 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017086.D

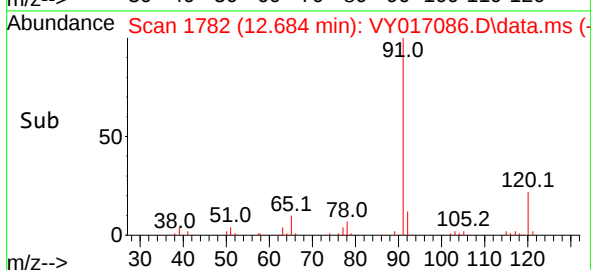
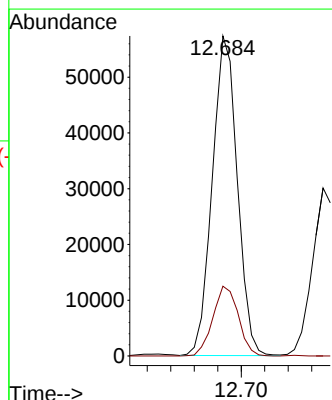
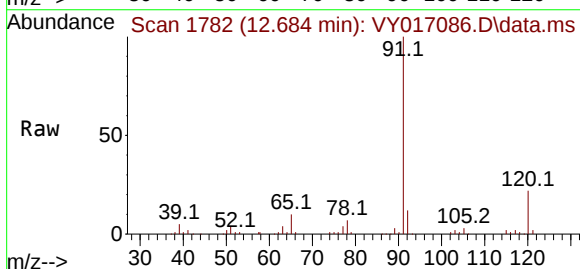
Acq: 24 Jan 2024 11:04

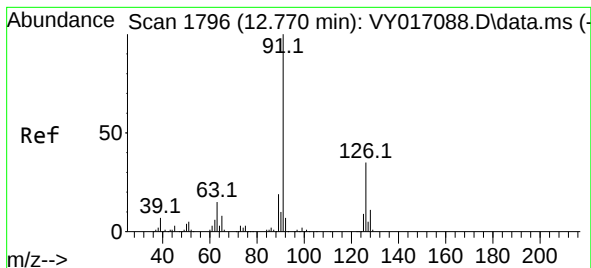
Tgt Ion: 91 Resp: 84839

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 11.488 ug/l

RT: 12.770 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

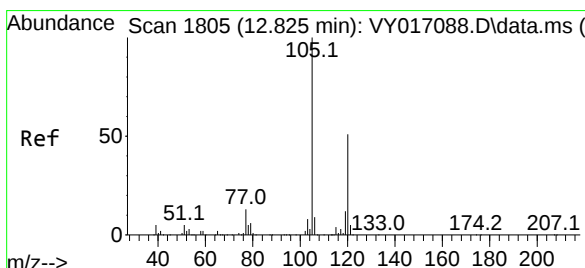
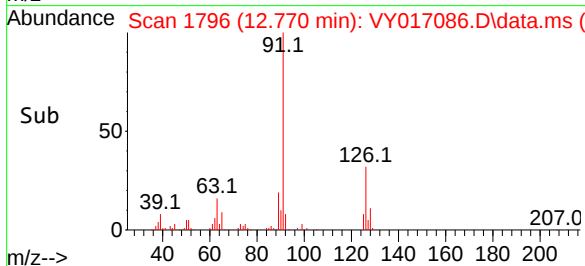
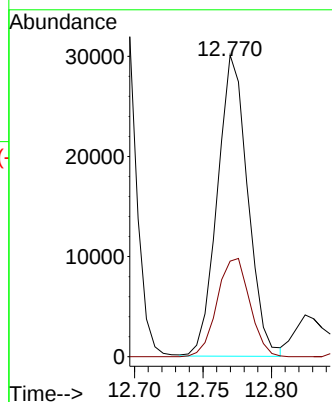
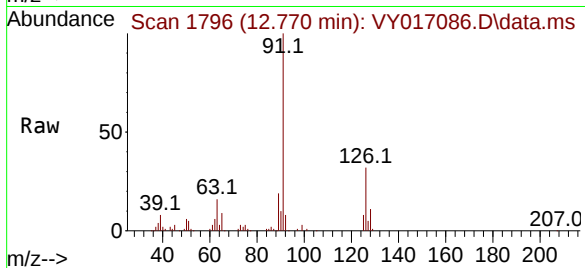
VSTDIC010

Tgt Ion: 91 Resp: 46440

Ion Ratio Lower Upper

91 100

126 35.1 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 11.569 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.007 min

Lab File: VY017086.D

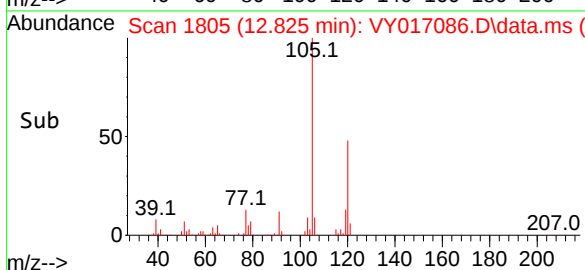
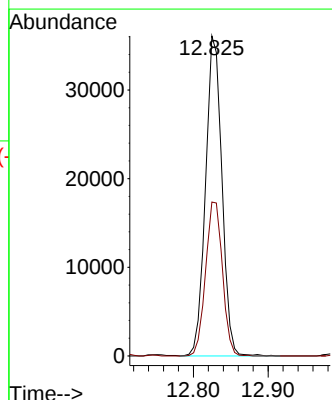
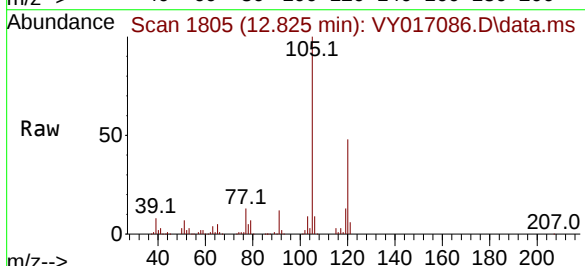
Acq: 24 Jan 2024 11:04

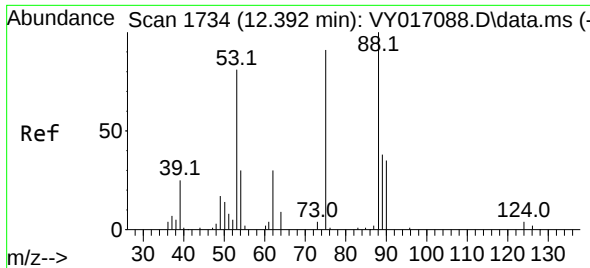
Tgt Ion: 105 Resp: 54868

Ion Ratio Lower Upper

105 100

120 49.5 24.3 72.8

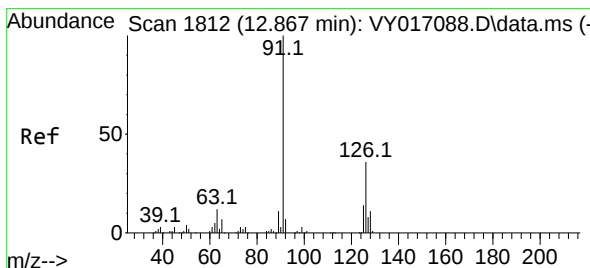
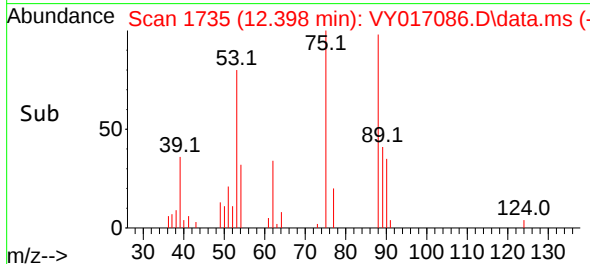
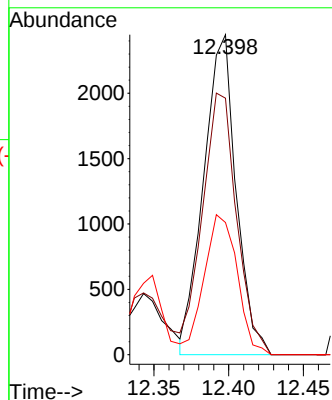
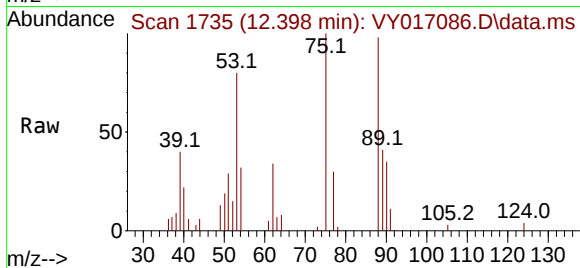




#81
trans-1,4-Dichloro-2-butene
Concen: 10.549 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.013 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

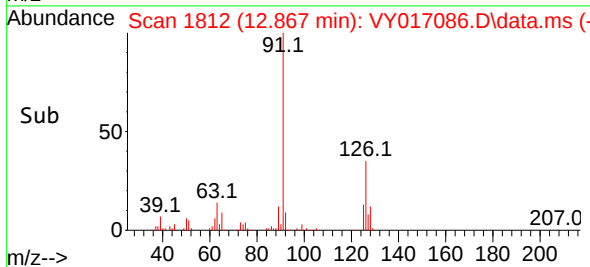
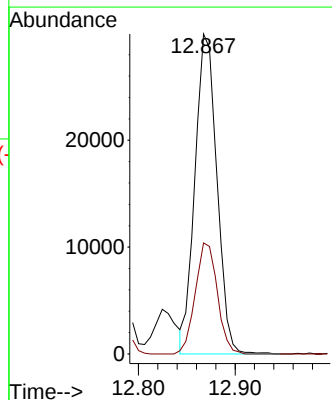
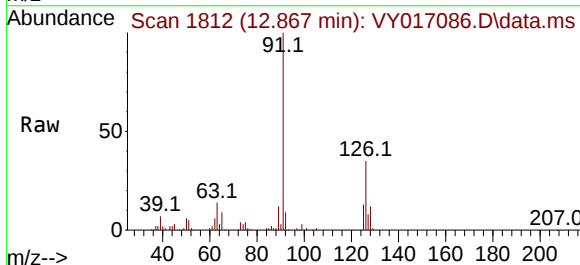
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

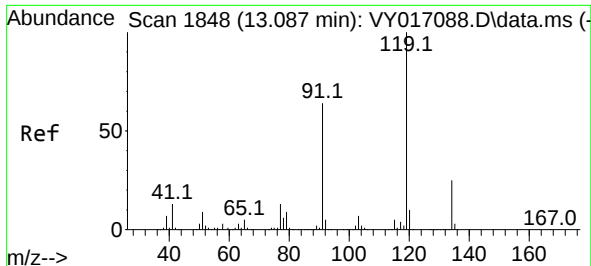
Tgt Ion: 75 Resp: 3702
Ion Ratio Lower Upper
75 100
53 86.0 74.0 111.0
89 44.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 11.457 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 91 Resp: 47317
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2

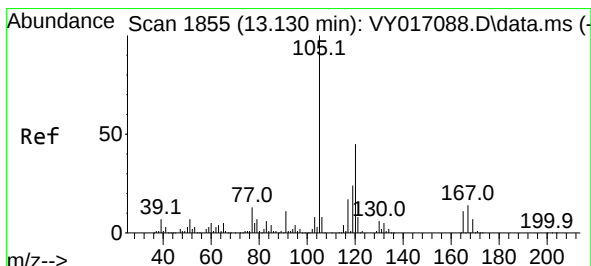
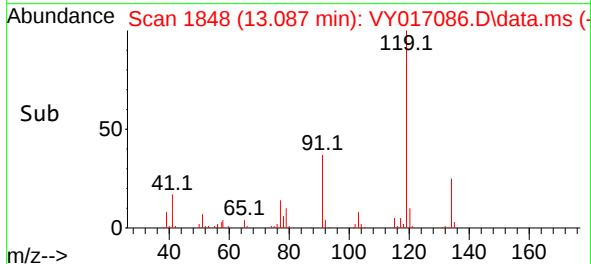
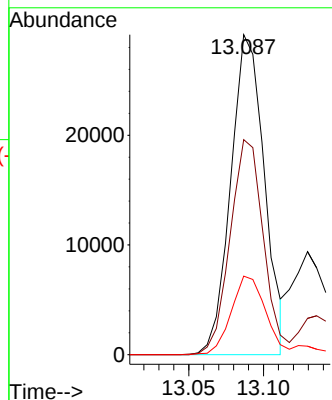
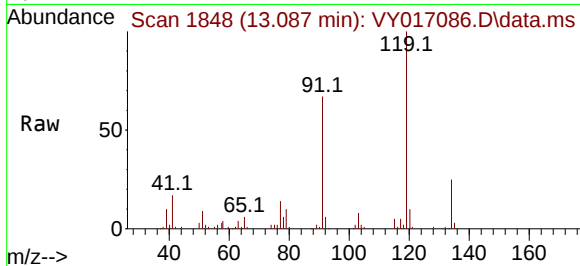




#83
tert-Butylbenzene
Concen: 10.925 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

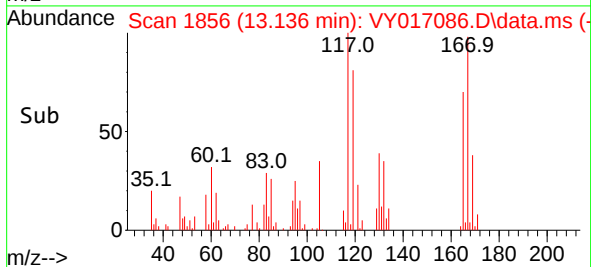
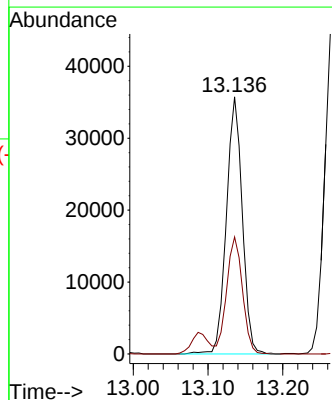
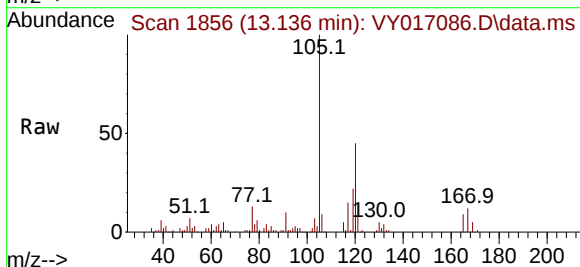
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

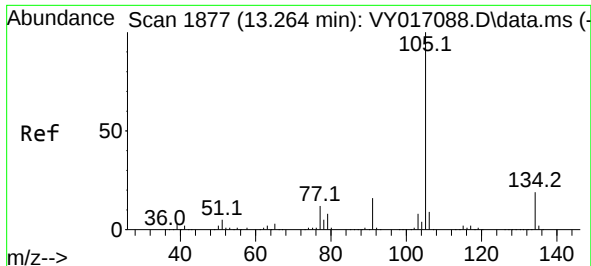
Tgt Ion:119 Resp: 45634
Ion Ratio Lower Upper
119 100
91 66.6 31.5 94.5
134 25.0 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 11.334 ug/l
RT: 13.136 min Scan# 1856
Delta R.T. 0.007 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion:105 Resp: 52935
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.3

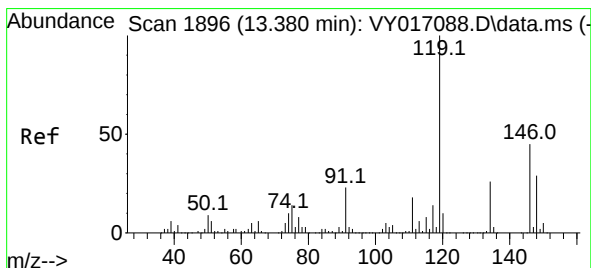
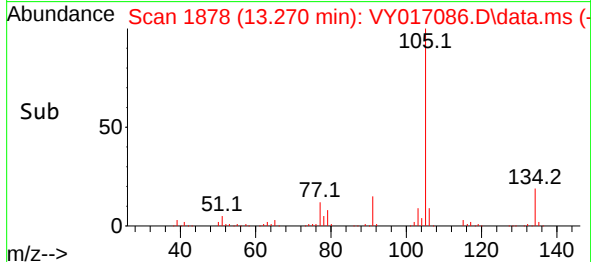
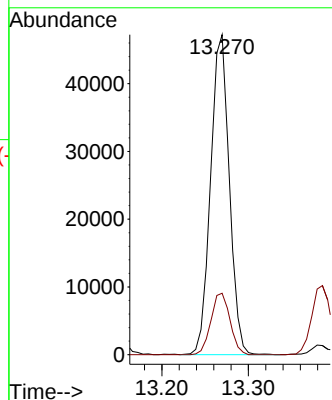
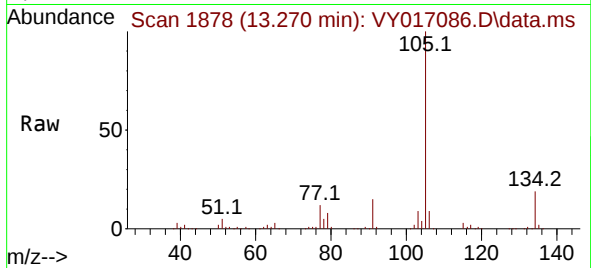




#85
 sec-Butylbenzene
 Concen: 11.445 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.007 min
 Lab File: VY017086.D
 Acq: 24 Jan 2024 11:04

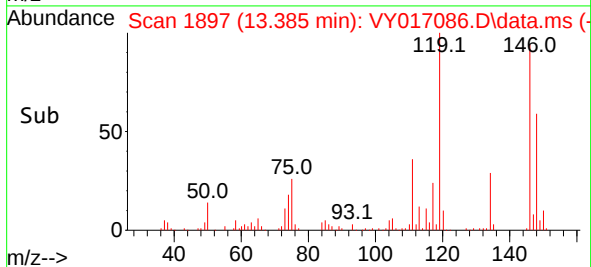
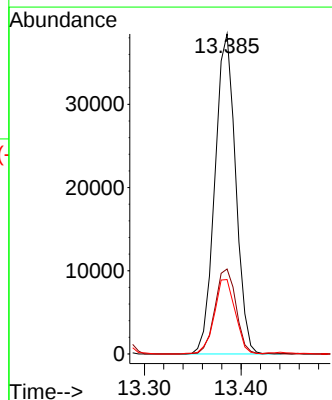
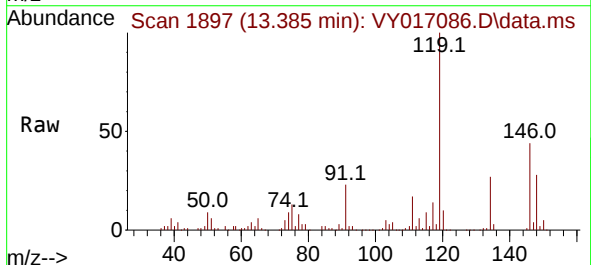
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

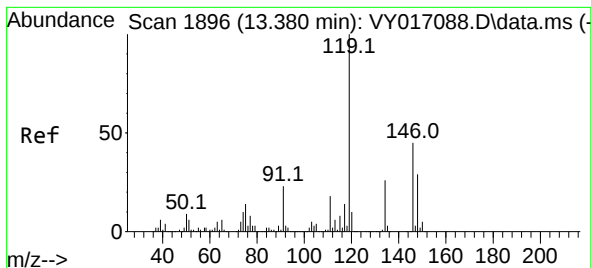
Tgt Ion:105 Resp: 70841
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 11.205 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY017086.D
 Acq: 24 Jan 2024 11:04

Tgt Ion:119 Resp: 57236
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.1
 91 23.7 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 11.325 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

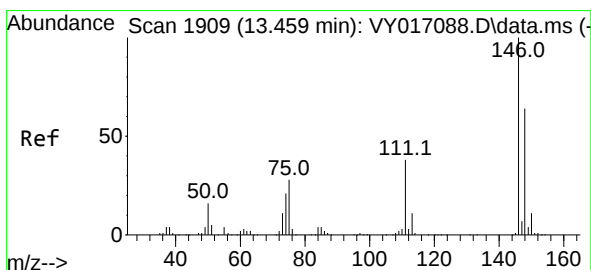
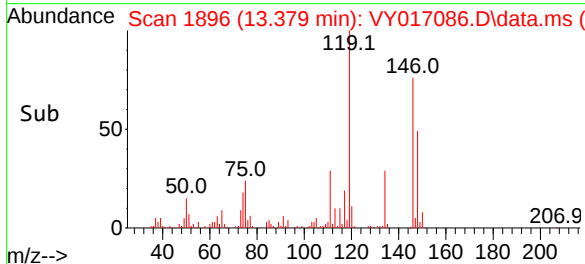
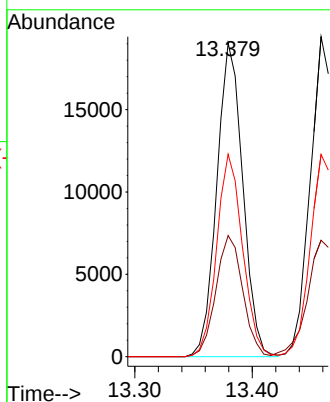
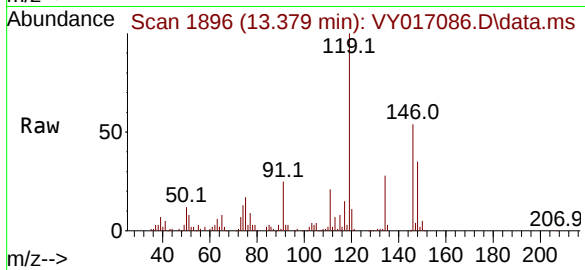
Tgt Ion:146 Resp: 29325

Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.5

148 64.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 11.754 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

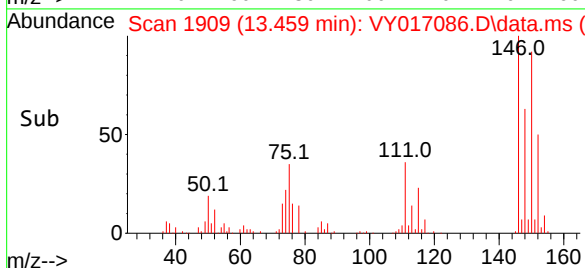
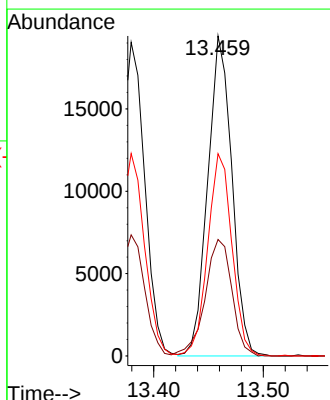
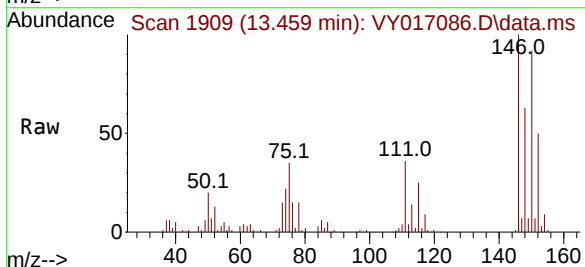
Tgt Ion:146 Resp: 29768

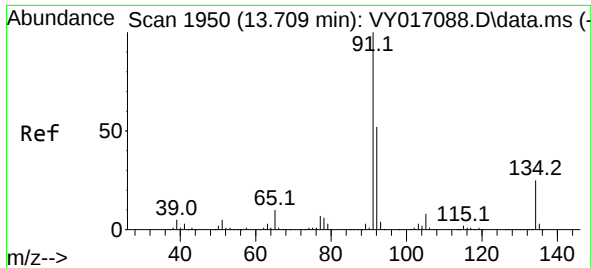
Ion Ratio Lower Upper

146 100

111 40.4 19.3 57.9

148 63.4 31.6 94.7

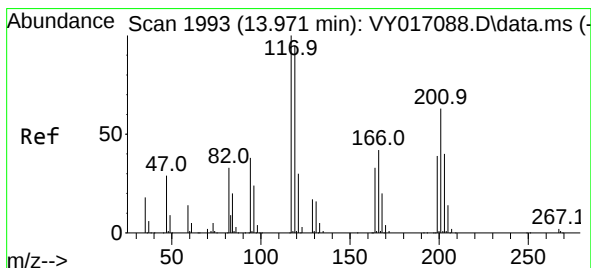
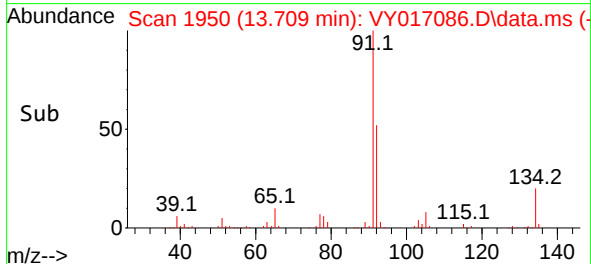
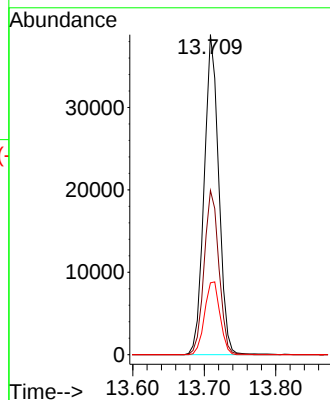
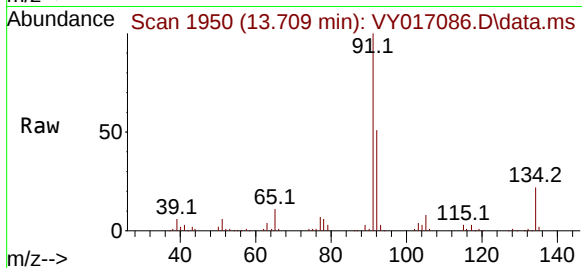




#89
n-Butylbenzene
Concen: 11.197 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. 0.007 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

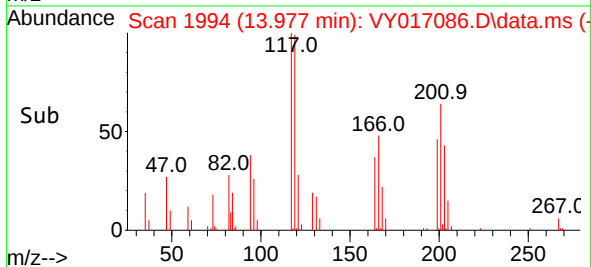
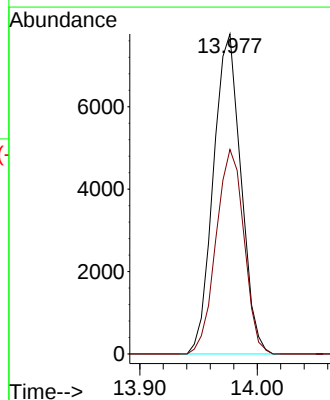
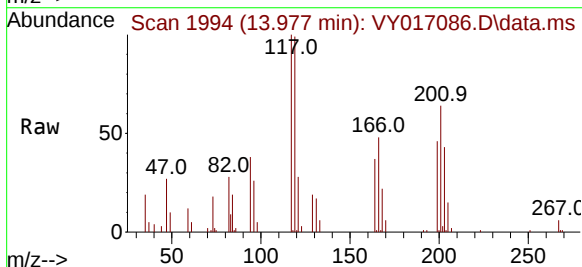
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

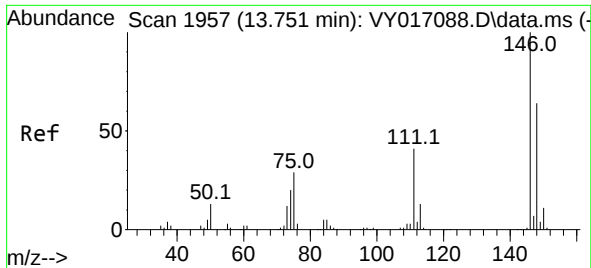
Tgt Ion:	91	Resp:	54991
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.2
134	24.0	12.3	36.8



#90
Hexachloroethane
Concen: 11.534 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion:	117	Resp:	12660
Ion	Ratio	Lower	Upper
117	100		
201	64.8	33.4	100.1

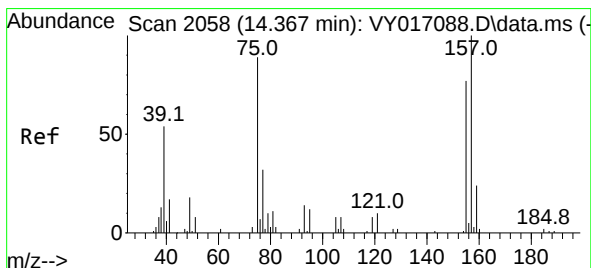
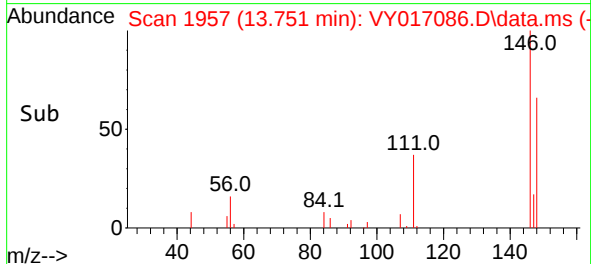
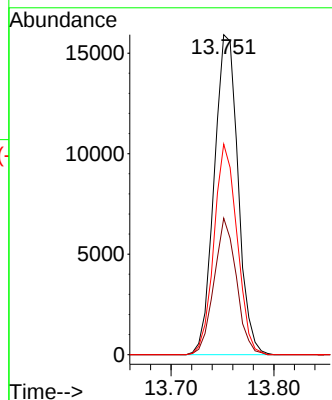
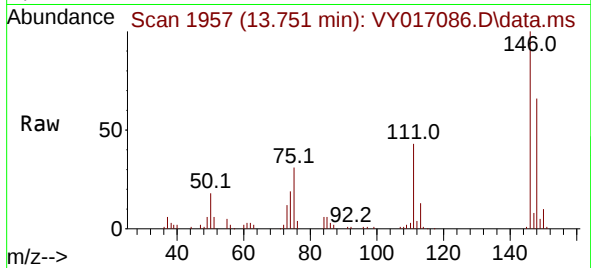




#91
1,2-Dichlorobenzene
Concen: 11.446 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

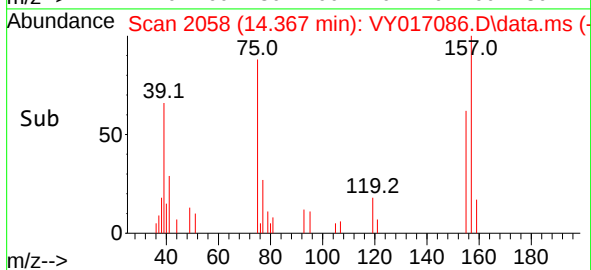
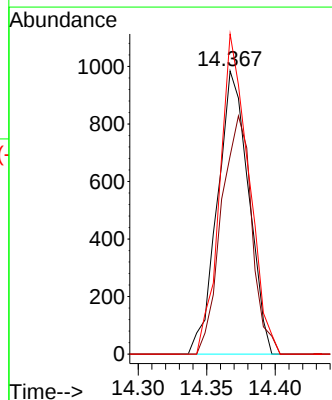
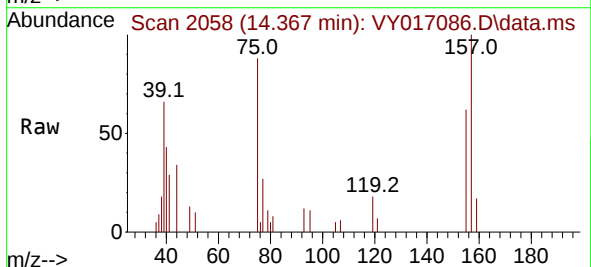
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

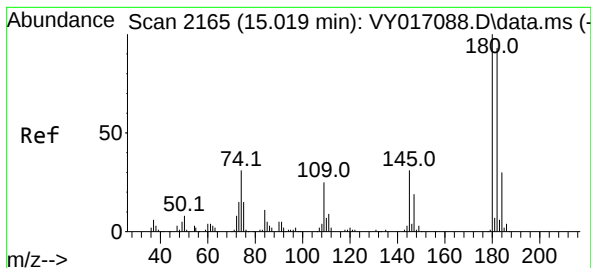
Tgt Ion:146 Resp: 25613
Ion Ratio Lower Upper
146 100
111 40.0 20.5 61.6
148 63.8 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.156 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY017086.D
Acq: 24 Jan 2024 11:04

Tgt Ion: 75 Resp: 1556
Ion Ratio Lower Upper
75 100
155 82.3 42.1 126.3
157 104.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 10.713 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

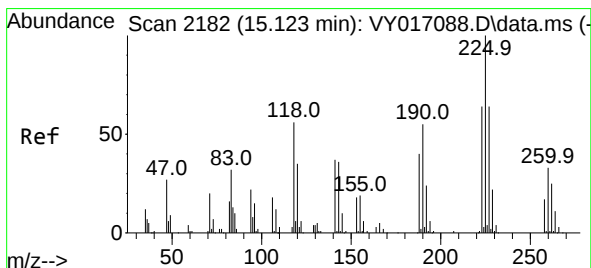
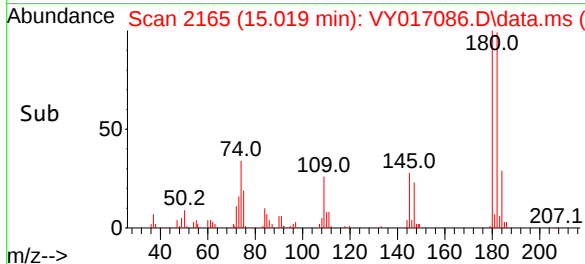
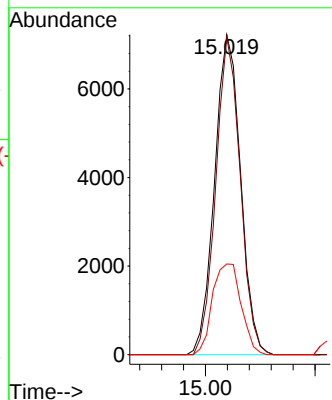
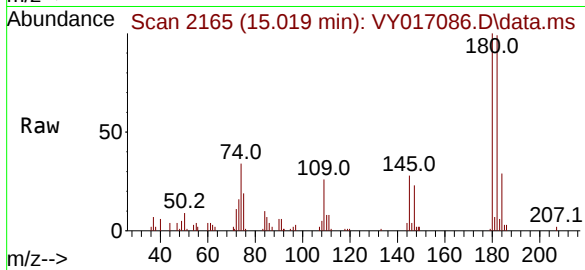
Tgt Ion:180 Resp: 11904

Ion Ratio Lower Upper

180 100

182 93.2 47.9 143.7

145 31.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 11.360 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

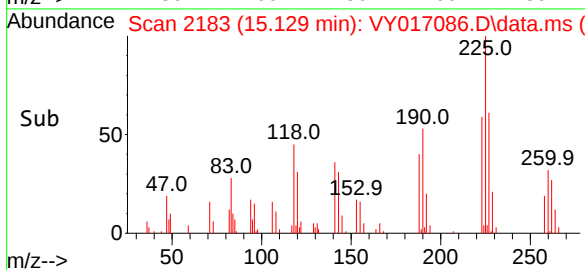
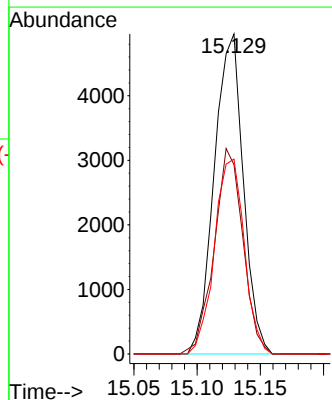
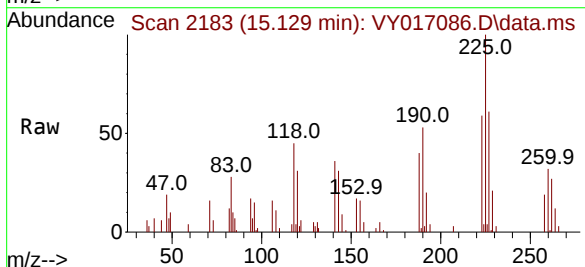
Tgt Ion:225 Resp: 7908

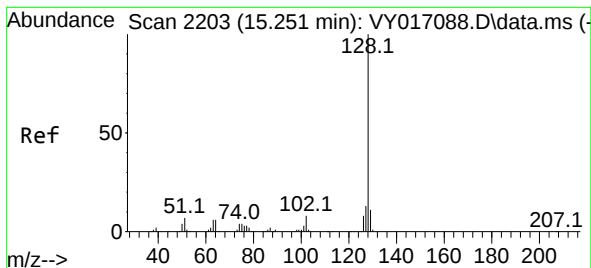
Ion Ratio Lower Upper

225 100

223 63.5 31.4 94.3

227 62.5 32.3 96.8





#95

Naphthalene

Concen: 9.295 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

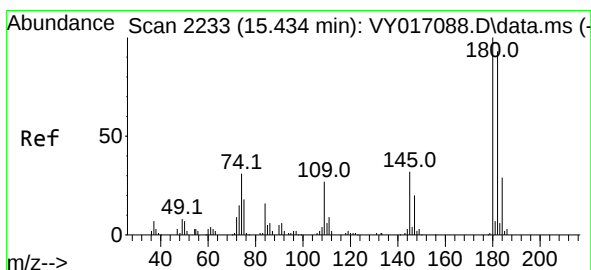
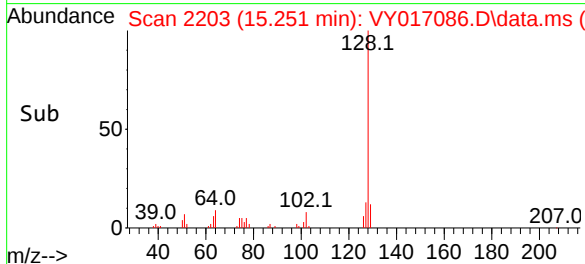
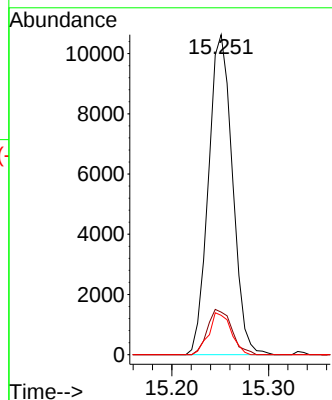
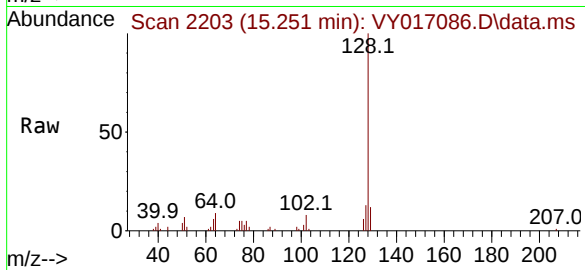
Tgt Ion:128 Resp: 18356

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.4

129 12.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 10.330 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017086.D

Acq: 24 Jan 2024 11:04

Tgt Ion:180 Resp: 9746

Ion Ratio Lower Upper

180 100

182 93.2 46.3 138.8

145 32.2 16.1 48.2

