

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017085.D
 Acq On : 24 Jan 2024 10:41
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 24 13:04:42 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	117111	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	200483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	168699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	70373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	6985	6.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.060%#
35) Dibromofluoromethane	7.740	113	6546	5.124	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.240%#
50) Toluene-d8	10.197	98	25397	5.773	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	11.540%#
62) 4-Bromofluorobenzene	12.501	95	7817	5.267	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.540%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	6376	6.752	ug/l	91
3) Chloromethane	2.125	50	9626	6.997	ug/l	99
4) Vinyl Chloride	2.259	62	11179	6.889	ug/l	99
5) Bromomethane	2.668	94	8219	7.070	ug/l	90
6) Chloroethane	2.814	64	6896	6.282	ug/l	94
7) Trichlorofluoromethane	3.143	101	11327	5.665	ug/l	98
8) Diethyl Ether	3.546	74	3132	4.902	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.911	101	7185	5.527	ug/l	98
10) Methyl Iodide	4.113	142	5745	5.194	ug/l	97
11) Tert butyl alcohol	4.954	59	1053	9.288	ug/l #	75
12) 1,1-Dichloroethene	3.887	96	6320	5.666	ug/l	97
13) Acrolein	3.753	56	3678	26.187	ug/l	99
14) Allyl chloride	4.503	41	8816	4.999	ug/l	99
15) Acrylonitrile	5.198	53	6702	22.424	ug/l	97
16) Acetone	3.972	43	11154	32.013	ug/l	95
17) Carbon Disulfide	4.216	76	19249	7.222	ug/l #	93
18) Methyl Acetate	4.497	43	5206	4.198	ug/l	97
19) Methyl tert-butyl Ether	5.253	73	13015	4.485	ug/l	96
20) Methylene Chloride	4.741	84	10076	5.266	ug/l	93
21) trans-1,2-Dichloroethene	5.247	96	6956	5.445	ug/l	95
22) Diisopropyl ether	6.143	45	18089	4.437	ug/l	96
23) Vinyl Acetate	6.088	43	42932	22.967	ug/l	97
24) 1,1-Dichloroethane	6.033	63	12905	5.268	ug/l #	97
25) 2-Butanone	7.015	43	12043	27.339	ug/l	100
26) 2,2-Dichloropropane	7.002	77	10651	5.014	ug/l	97
27) cis-1,2-Dichloroethene	7.008	96	7408	4.947	ug/l	92
28) Bromochloromethane	7.362	49	6236	6.780	ug/l	98
29) Tetrahydrofuran	7.368	42	4875	20.809	ug/l	95
30) Chloroform	7.527	83	12396	4.910	ug/l	87
31) Cyclohexane	7.807	56	12883	6.485	ug/l #	72
32) 1,1,1-Trichloroethane	7.728	97	10956	5.118	ug/l	98
36) 1,1-Dichloropropene	7.935	75	9870	5.301	ug/l	98
37) Ethyl Acetate	7.100	43	3926	4.640	ug/l #	92
38) Carbon Tetrachloride	7.923	117	9839	5.201	ug/l	93
39) Methylcyclohexane	9.203	83	11309	5.403	ug/l	94
40) Benzene	8.179	78	28730	5.144	ug/l	100

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

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 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	7.344	41	2201	4.939	ug/l	94
42) 1,2-Dichloroethane	8.258	62	7349	4.956	ug/l	98
43) Isopropyl Acetate	8.295	43	6702	4.136	ug/l	95
44) Trichloroethene	8.953	130	7570	5.327	ug/l	100
45) 1,2-Dichloropropane	9.234	63	7269	5.052	ug/l	95
46) Dibromomethane	9.325	93	3490	4.756	ug/l	100
47) Bromodichloromethane	9.514	83	9160	4.648	ug/l #	96
48) Methyl methacrylate	9.313	41	3469	3.967	ug/l	97
49) 1,4-Dioxane	9.319	88	617	81.203	ug/l #	76
51) 4-Methyl-2-Pentanone	10.087	43	17326	20.107	ug/l	97
52) Toluene	10.264	92	16552	4.911	ug/l	99
53) t-1,3-Dichloropropene	10.483	75	7493	4.245	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	9917	4.678	ug/l	94
55) 1,1,2-Trichloroethane	10.666	97	4811	4.488	ug/l	95
56) Ethyl methacrylate	10.532	69	3633	4.001	ug/l	99
57) 1,3-Dichloropropane	10.807	76	8201	4.582	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.801	63	14376	27.800	ug/l	99
59) 2-Hexanone	10.849	43	14417	22.722	ug/l	96
60) Dibromochloromethane	11.002	129	5815	4.703	ug/l	93
61) 1,2-Dibromoethane	11.105	107	4153	4.459	ug/l	95
64) Tetrachloroethene	10.740	164	6091	5.569	ug/l	95
65) Chlorobenzene	11.532	112	17688	5.033	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.605	131	6261	4.687	ug/l	96
67) Ethyl Benzene	11.611	91	29619	4.681	ug/l	99
68) m/p-Xylenes	11.721	106	21294	9.169	ug/l	98
69) o-Xylene	12.044	106	9454	4.342	ug/l	94
70) Styrene	12.062	104	13257	4.184	ug/l	98
71) Bromoform	12.221	173	2793	4.247	ug/l #	97
73) Isopropylbenzene	12.349	105	25906	4.508	ug/l	99
74) N-amyl acetate	12.160	43	4691	4.063	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	5299	4.526	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	6160	8.066	ug/l #	100
77) Bromobenzene	12.623	156	6097	4.819	ug/l	96
78) n-propylbenzene	12.690	91	32143	4.601	ug/l	98
79) 2-Chlorotoluene	12.770	91	18351	4.737	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	20174	4.439	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	1391	4.136	ug/l	99
82) 4-Chlorotoluene	12.873	91	18810	4.753	ug/l	99
83) tert-Butylbenzene	13.093	119	17704	4.423	ug/l	96
84) 1,2,4-Trimethylbenzene	13.135	105	19696	4.400	ug/l	99
85) sec-Butylbenzene	13.270	105	26705	4.502	ug/l	100
86) p-Isopropyltoluene	13.385	119	20631	4.214	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	11844	4.773	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	11729	4.833	ug/l	91
89) n-Butylbenzene	13.709	91	21019	4.466	ug/l	98
90) Hexachloroethane	13.977	117	4928	4.685	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	9957	4.643	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	659	4.488	ug/l	87
93) 1,2,4-Trichlorobenzene	15.019	180	4562	4.284	ug/l	97
94) Hexachlorobutadiene	15.129	225	3155	4.729	ug/l	94
95) Naphthalene	15.257	128	6778	3.581	ug/l	97
96) 1,2,3-Trichlorobenzene	15.440	180	3578	3.957	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

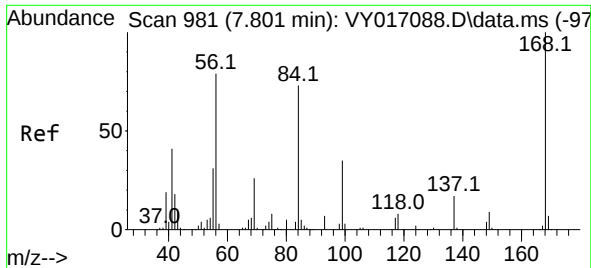
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Quant Title : SW846 8260
QLast Update : Wed Jan 24 13:00:38 2024
Response via : Initial Calibration

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

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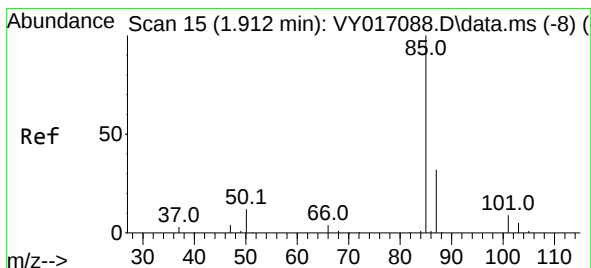
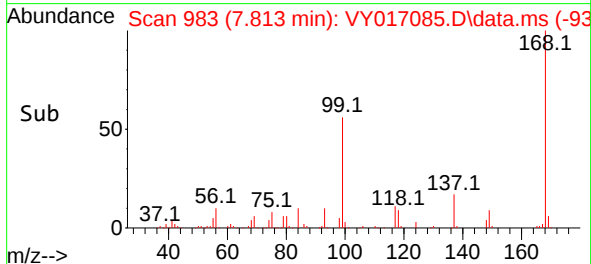
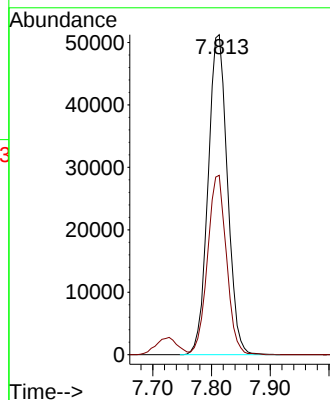
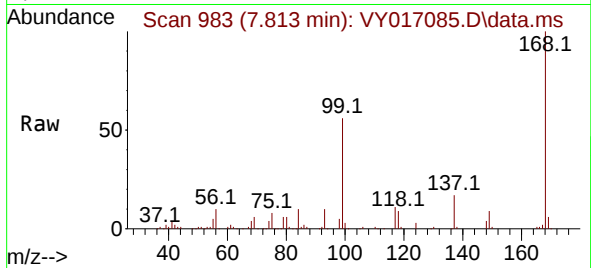




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. 0.012 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

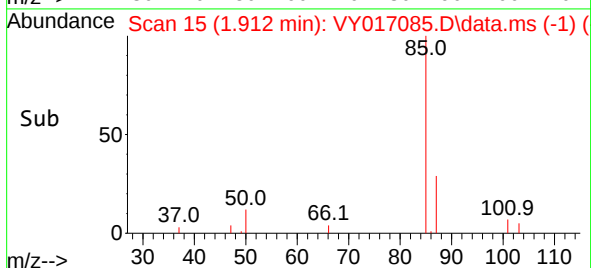
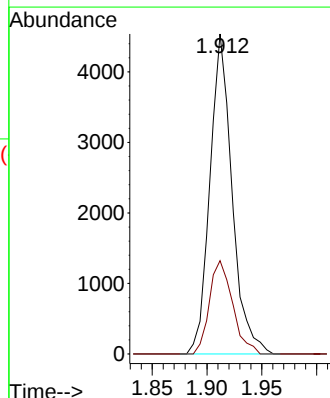
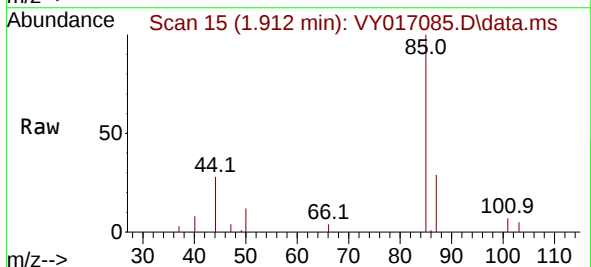
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

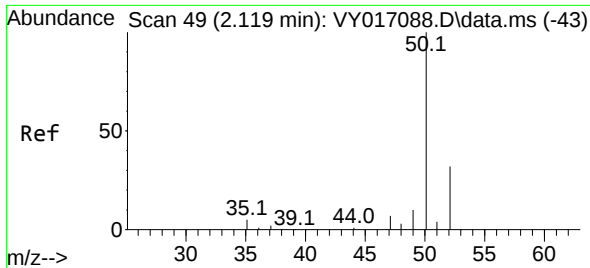
Tgt Ion:168 Resp: 117111
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 6.752 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 85 Resp: 6376
Ion Ratio Lower Upper
85 100
87 29.2 17.1 51.3

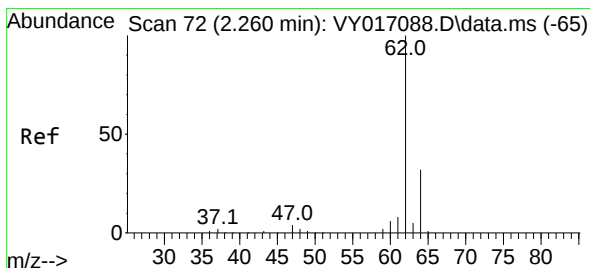
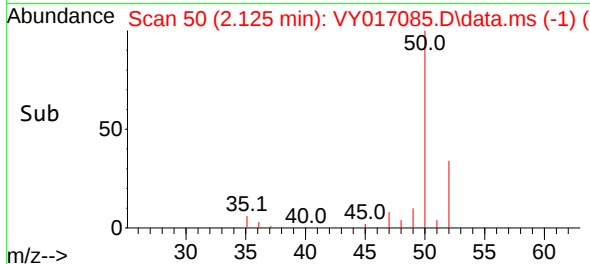
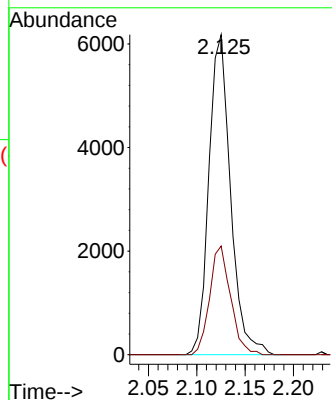
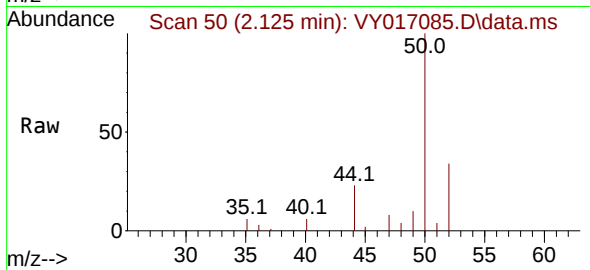




#3
Chloromethane
Concen: 6.997 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

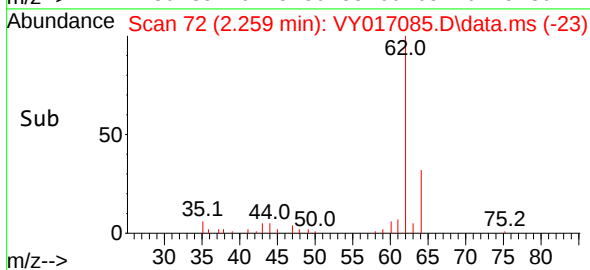
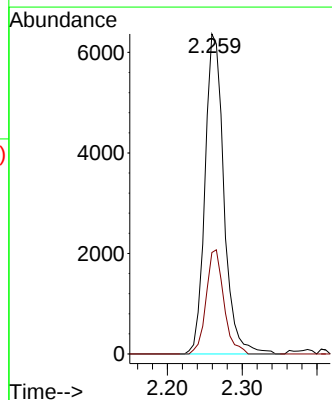
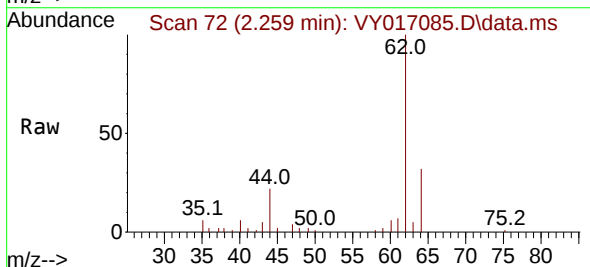
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

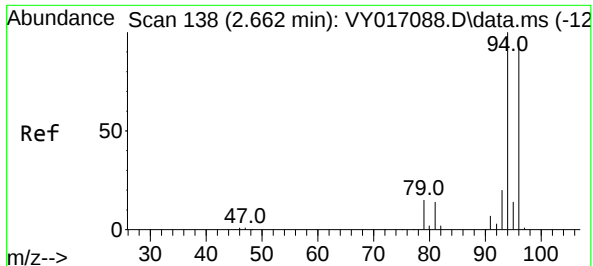
Tgt Ion: 50 Resp: 9626
Ion Ratio Lower Upper
50 100
52 34.0 26.7 40.1



#4
Vinyl Chloride
Concen: 6.889 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 62 Resp: 11179
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5

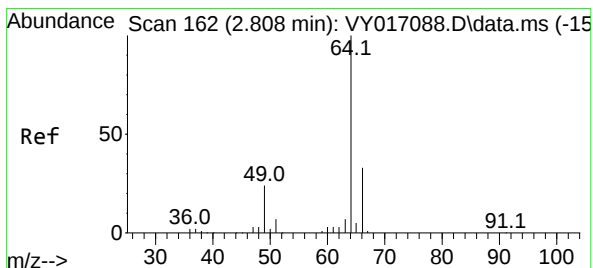
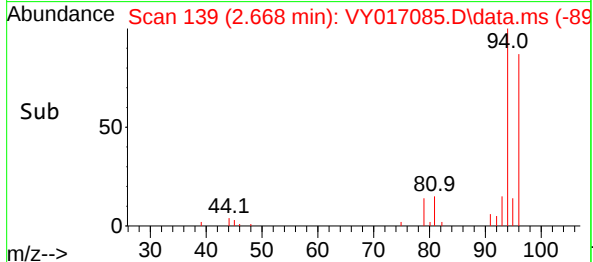
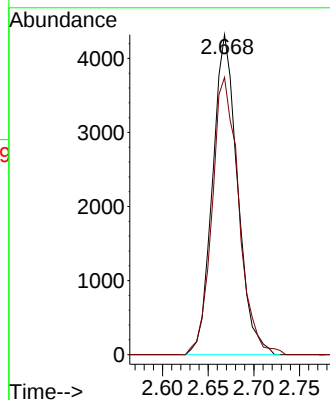
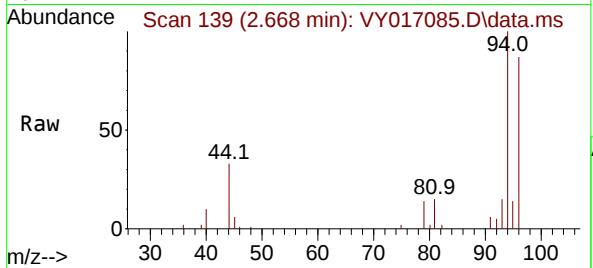




#5
Bromomethane
Concen: 7.070 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

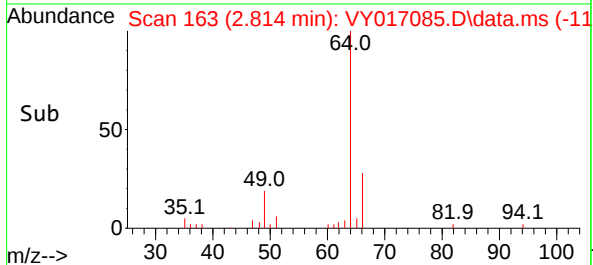
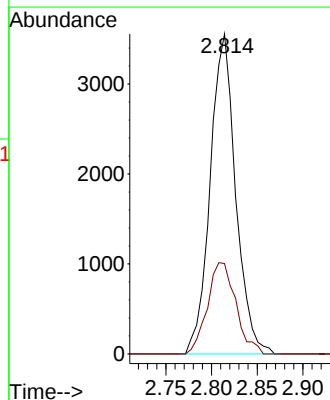
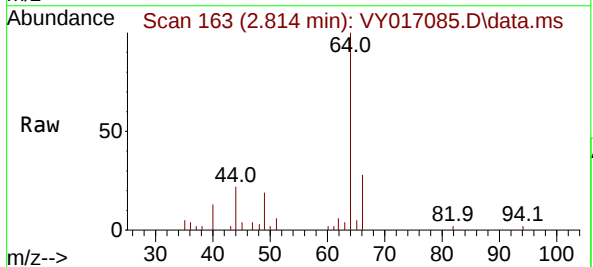
Instrument :
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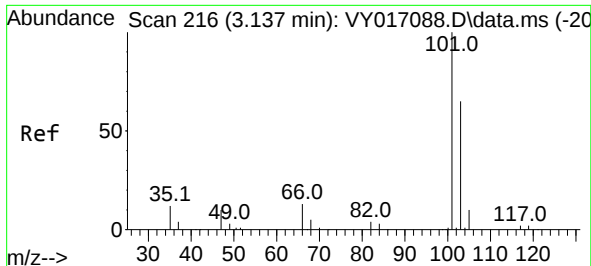
Tgt Ion: 94 Resp: 8219
Ion Ratio Lower Upper
94 100
96 86.6 77.3 115.9



#6
Chloroethane
Concen: 6.282 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 64 Resp: 6896
Ion Ratio Lower Upper
64 100
66 28.3 25.1 37.7

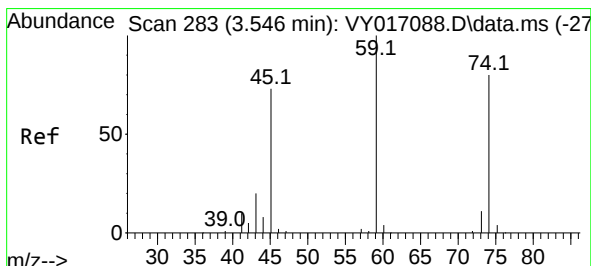
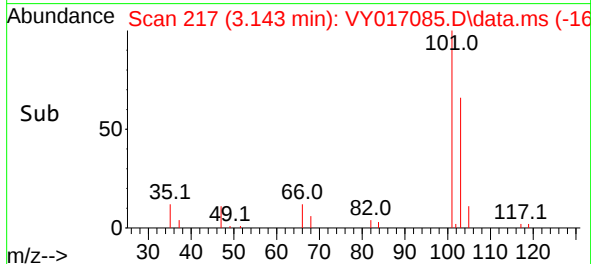
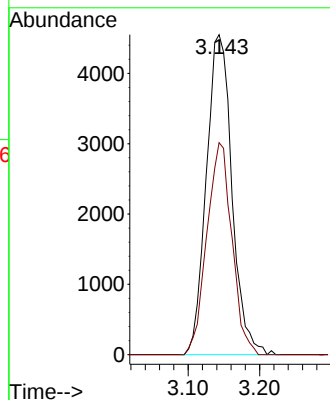
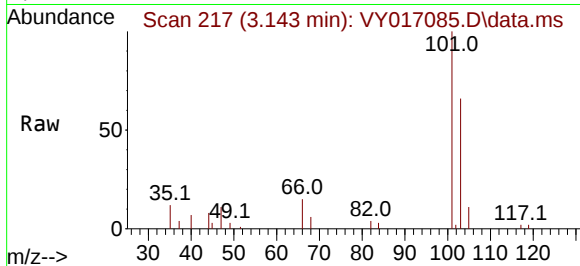




#7
Trichlorofluoromethane
Concen: 5.665 ug/l
RT: 3.143 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

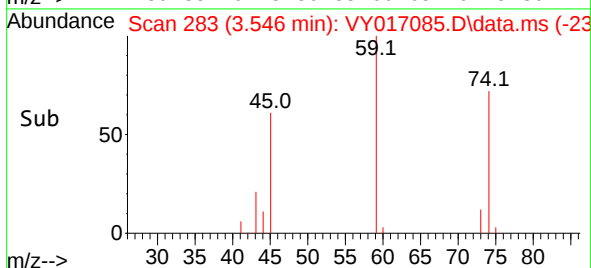
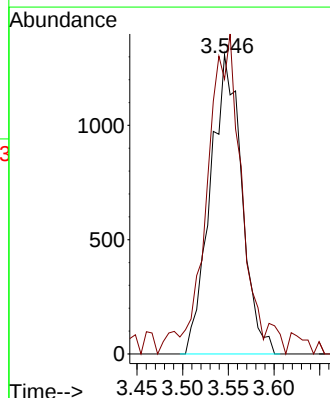
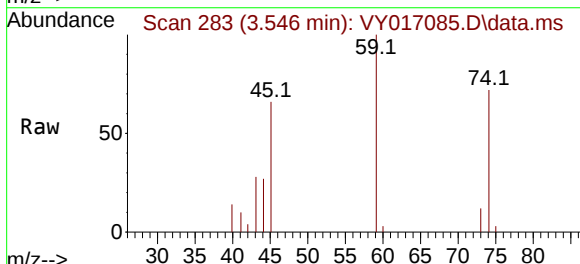
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

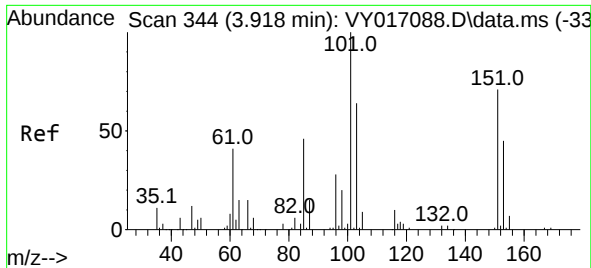
Tgt Ion:101 Resp: 11327
Ion Ratio Lower Upper
101 100
103 66.2 51.9 77.9



#8
Diethyl Ether
Concen: 4.902 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 74 Resp: 3132
Ion Ratio Lower Upper
74 100
45 119.1 47.9 143.7

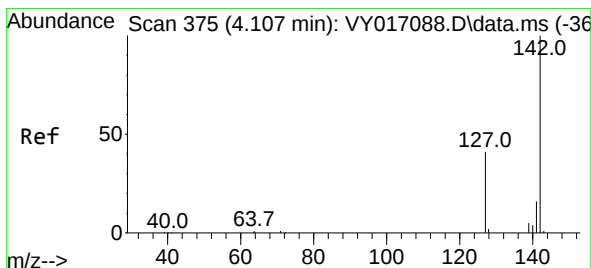
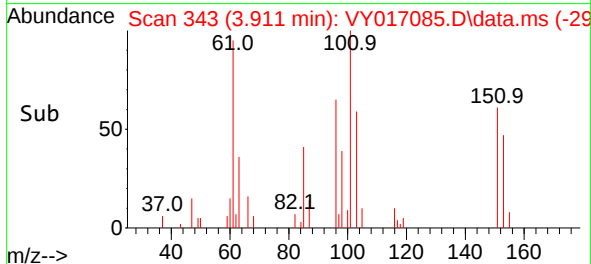
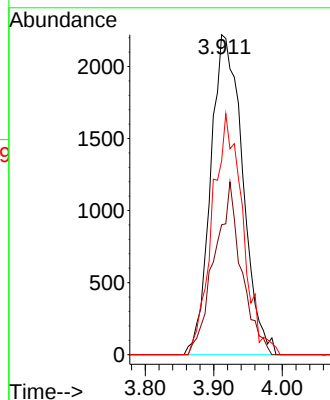
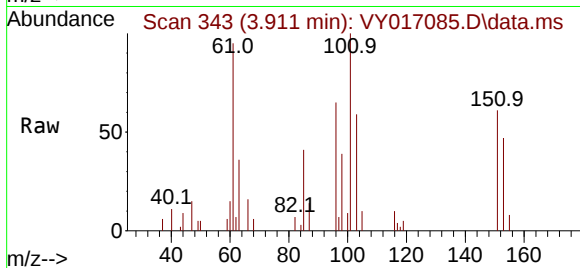




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.527 ug/l
RT: 3.911 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY017085.D
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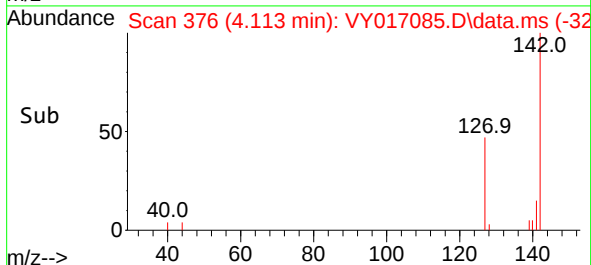
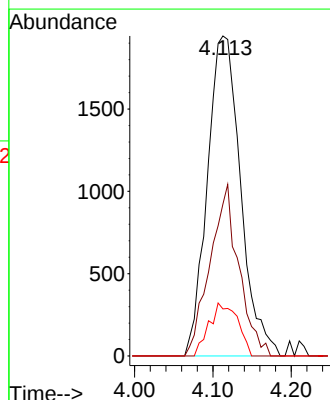
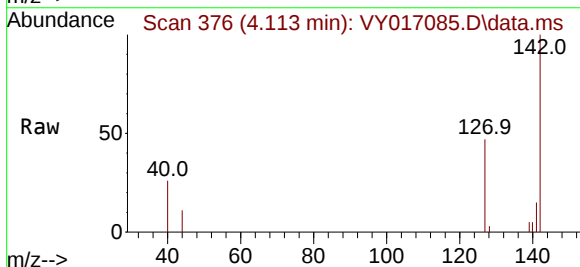
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

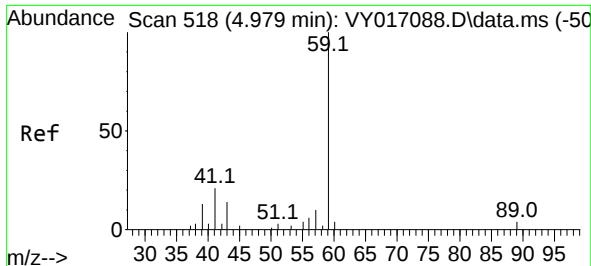
Tgt Ion:	101	Resp:	7185
Ion	Ratio	Lower	Upper
101	100		
85	46.0	35.8	53.6
151	71.7	58.6	88.0



#10
Methyl Iodide
Concen: 5.194 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion:	142	Resp:	5745
Ion	Ratio	Lower	Upper
142	100		
127	46.4	35.1	52.7
141	14.2	11.8	17.6





#11

Tert butyl alcohol

Concen: 9.288 ug/l

RT: 4.954 min Scan# 518

Delta R.T. -0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

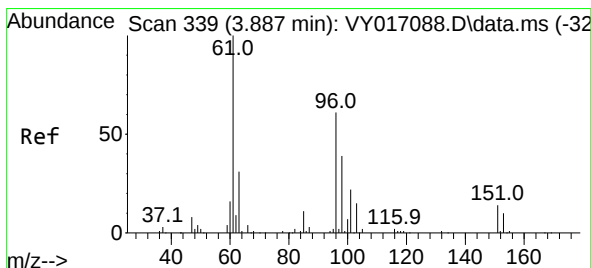
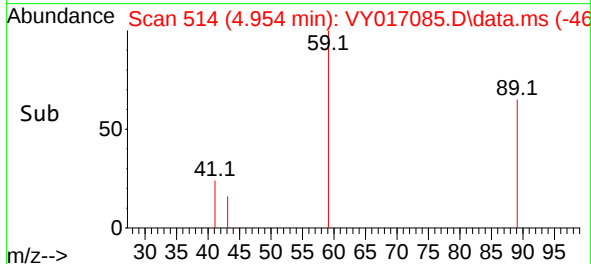
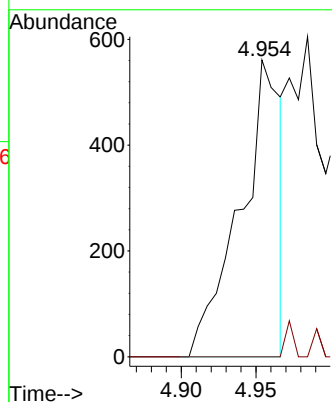
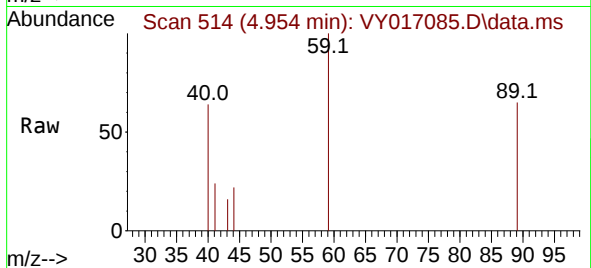
VSTDIC005

Tgt Ion: 59 Resp: 1053

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 5.666 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

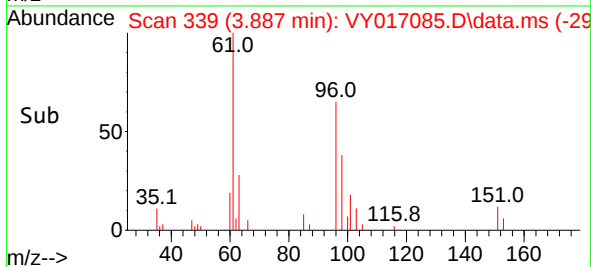
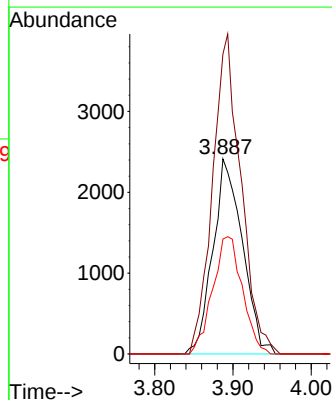
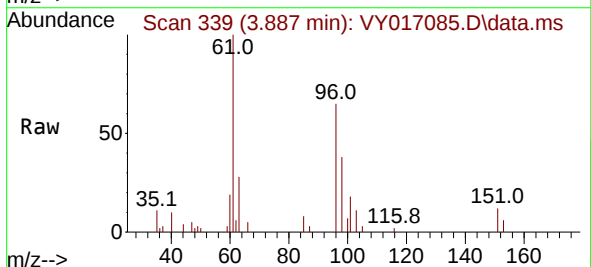
Tgt Ion: 96 Resp: 6320

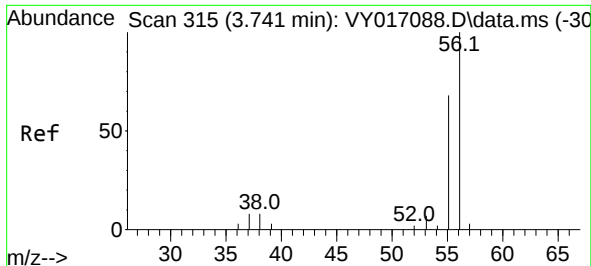
Ion Ratio Lower Upper

96 100

61 153.8 124.2 186.2

98 59.0 52.6 79.0





#13

Acrolein

Concen: 26.187 ug/l

RT: 3.753 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

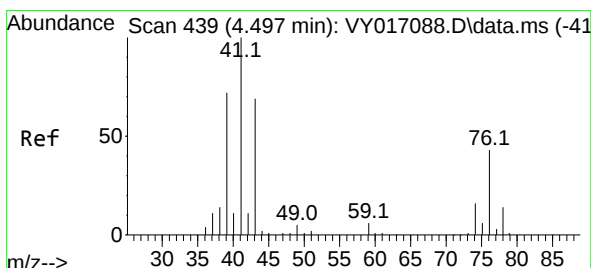
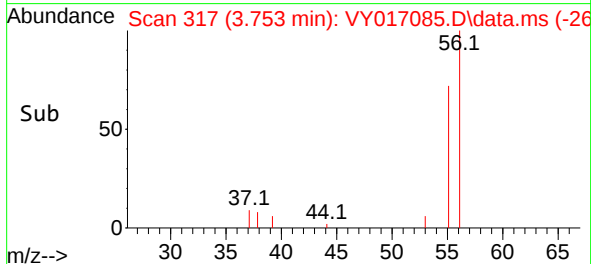
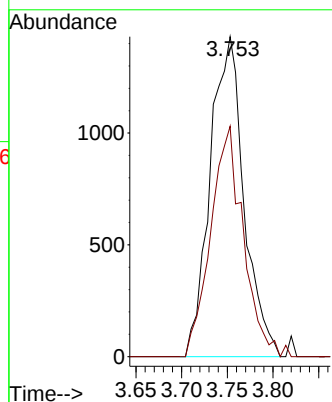
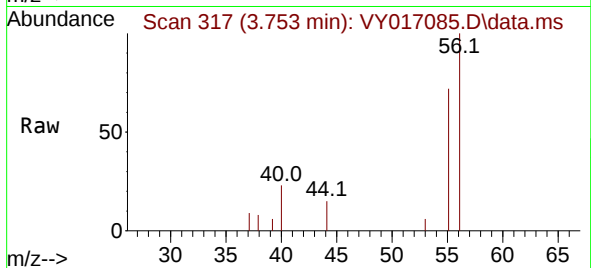
VSTDIC005

Tgt Ion: 56 Resp: 3678

Ion Ratio Lower Upper

56 100

55 69.7 55.4 83.0



#14

Allyl chloride

Concen: 4.999 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

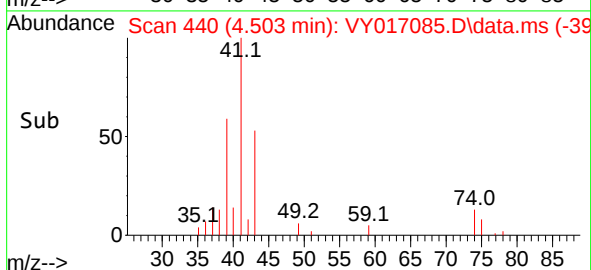
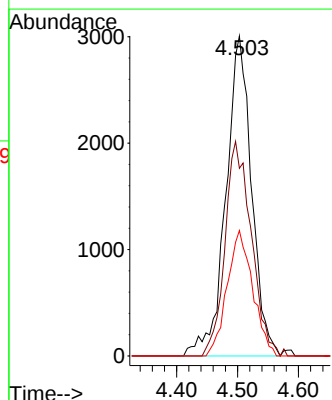
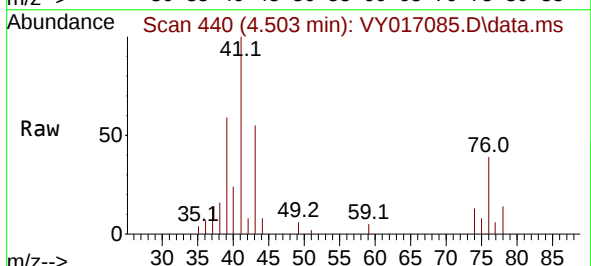
Tgt Ion: 41 Resp: 8816

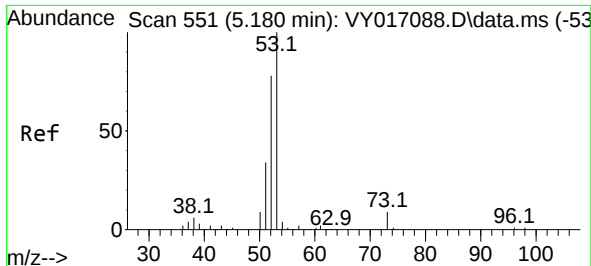
Ion Ratio Lower Upper

41 100

39 68.8 54.7 82.1

76 39.0 31.8 47.6

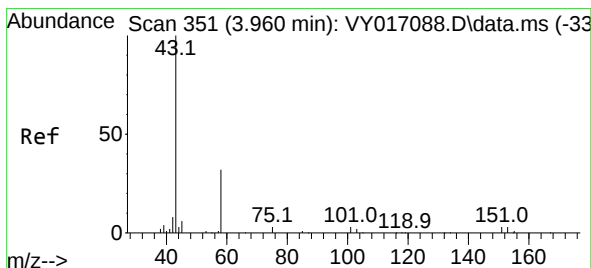
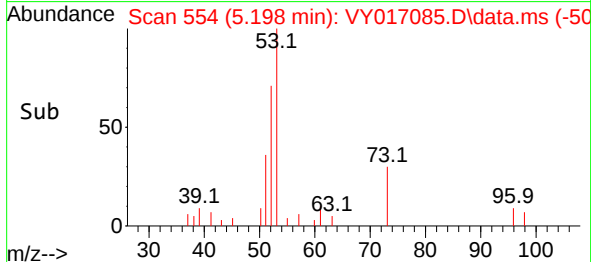
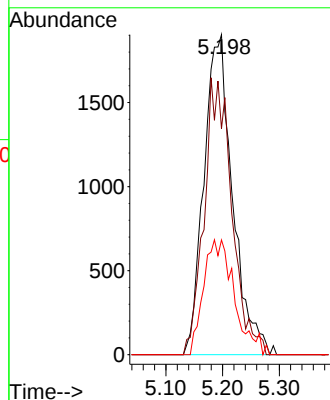
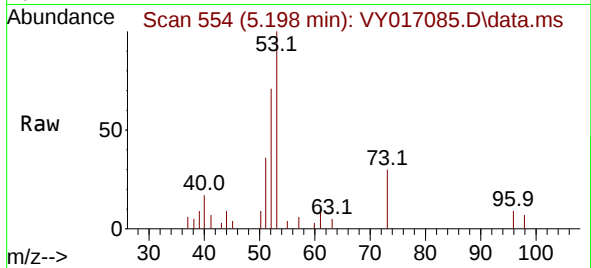




#15
Acrylonitrile
Concen: 22.424 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

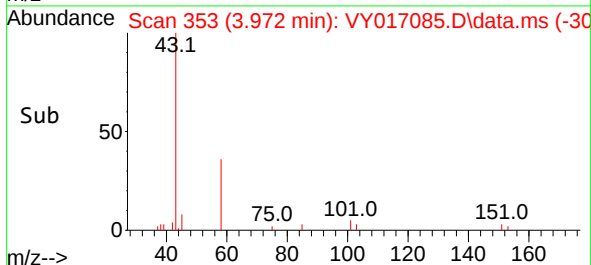
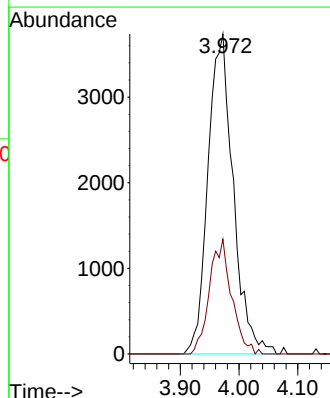
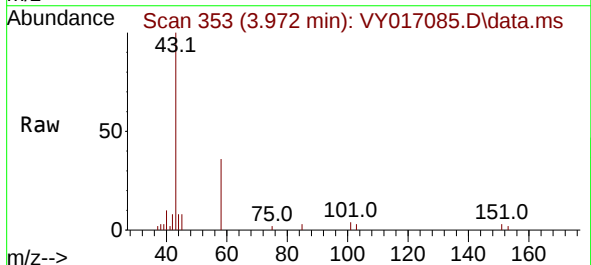
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

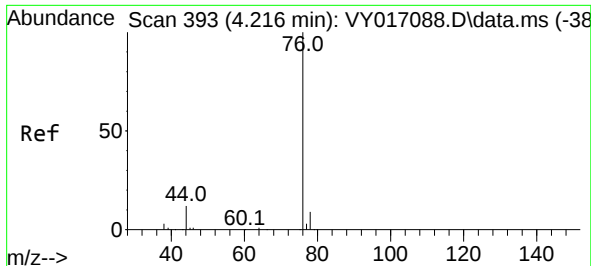
Tgt Ion: 53	Resp: 6702
Ion Ratio	Lower Upper
53 100	
52 83.4	65.1 97.7
51 38.4	29.0 43.4



#16
Acetone
Concen: 32.013 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 43	Resp:	11154	
Ion	Ratio	Lower	Upper
43	100		
58	35.8	26.6	39.8





#17

Carbon Disulfide

Concen: 7.222 ug/l

RT: 4.216 min Scan# 393

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

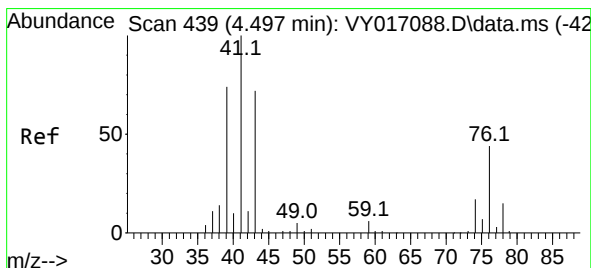
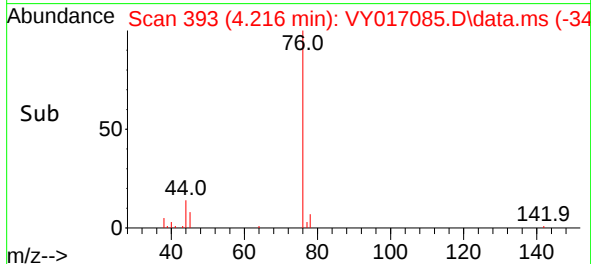
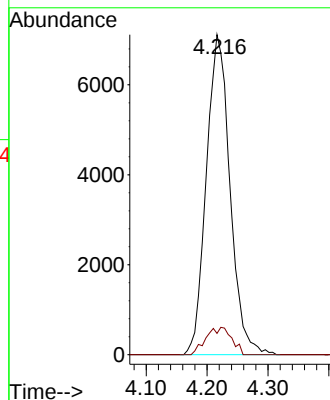
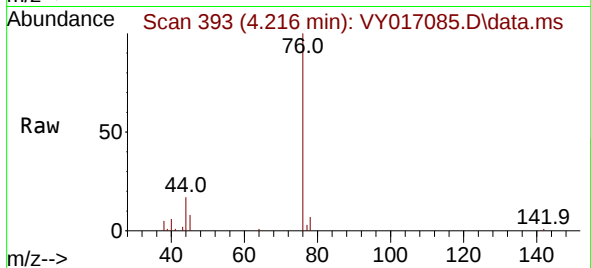
VSTDIC005

Tgt Ion: 76 Resp: 19249

Ion Ratio Lower Upper

76 100

78 6.7 7.4 11.0#



#18

Methyl Acetate

Concen: 4.198 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017085.D

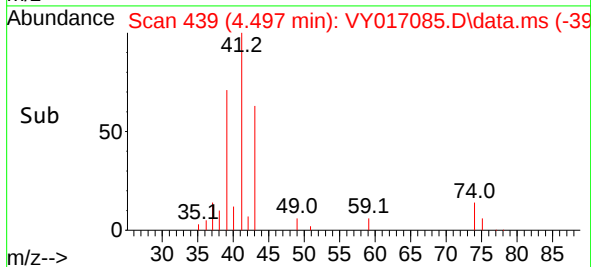
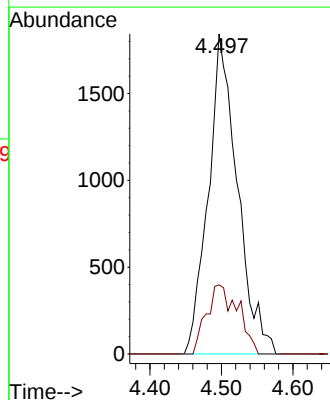
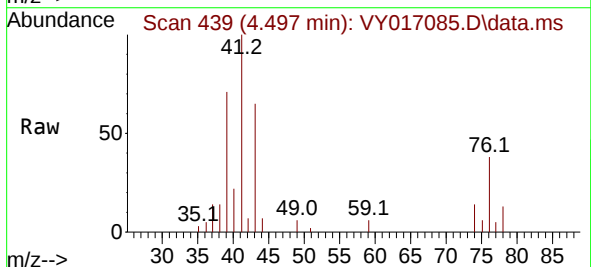
Acq: 24 Jan 2024 10:41

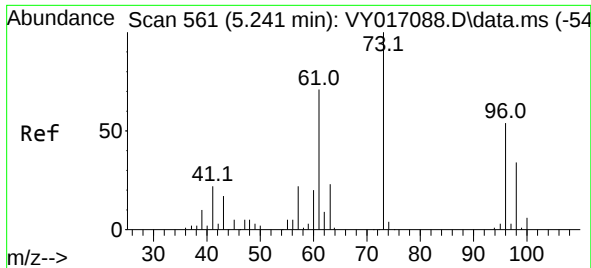
Tgt Ion: 43 Resp: 5206

Ion Ratio Lower Upper

43 100

74 23.4 19.8 29.6

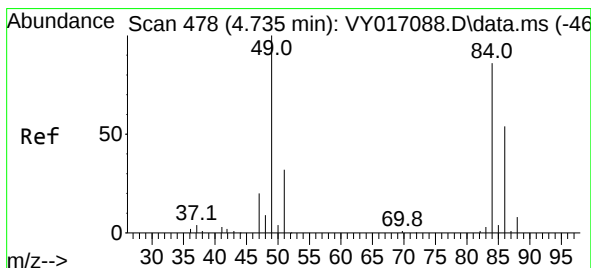
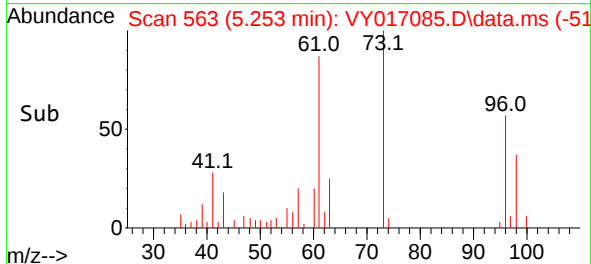
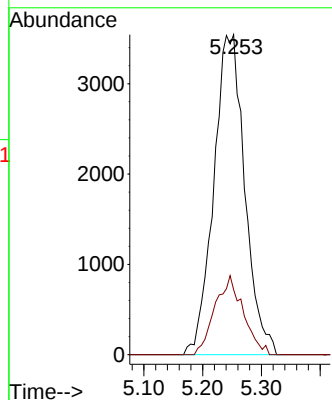
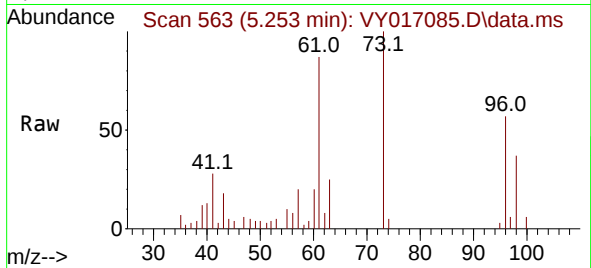




#19
Methyl tert-butyl Ether
Concen: 4.485 ug/l
RT: 5.253 min Scan# 50
Delta R.T. 0.019 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

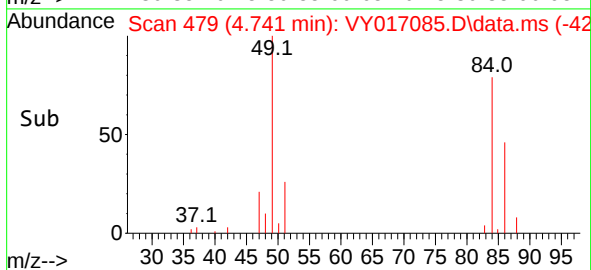
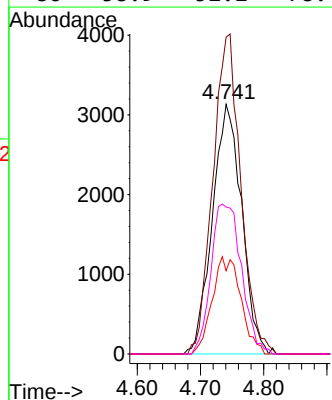
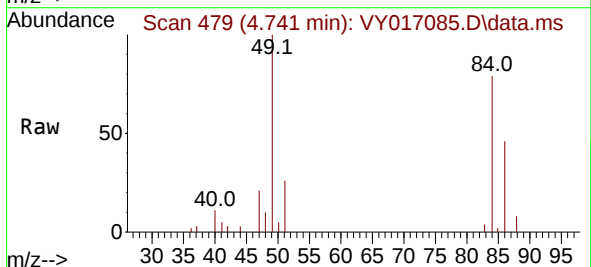
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

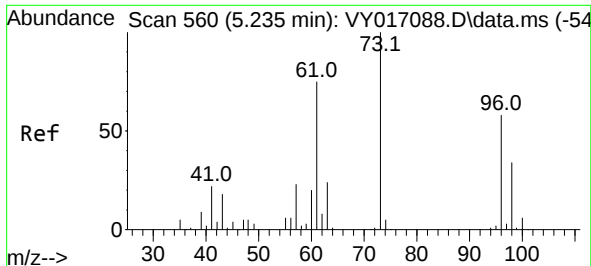
Tgt Ion: 73 Resp: 13015
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5



#20
Methylene Chloride
Concen: 5.266 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 84 Resp: 10076
Ion Ratio Lower Upper
84 100
49 126.9 95.2 142.8
51 33.4 29.9 44.9
86 58.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 5.445 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.007 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

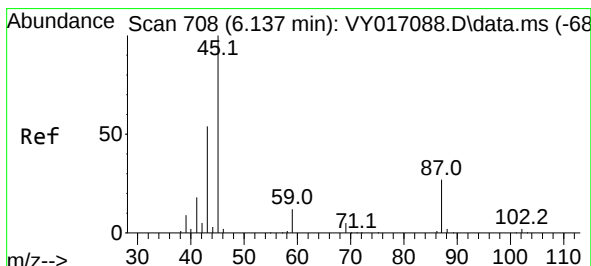
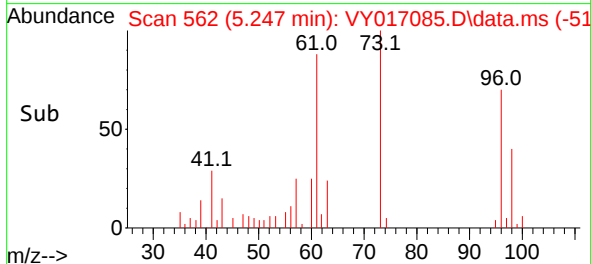
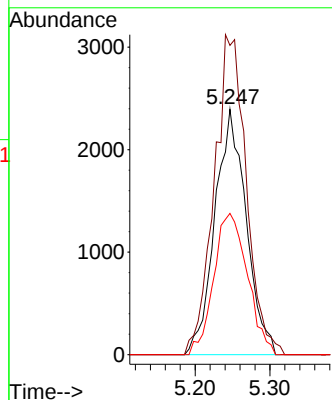
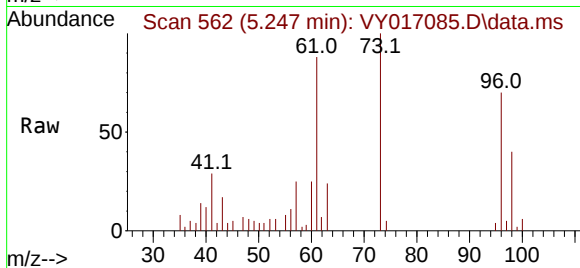
Tgt Ion: 96 Resp: 6956

Ion Ratio Lower Upper

96 100

61 126.1 104.6 156.8

98 57.6 50.9 76.3



#22

Diisopropyl ether

Concen: 4.437 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Tgt Ion: 45 Resp: 18089

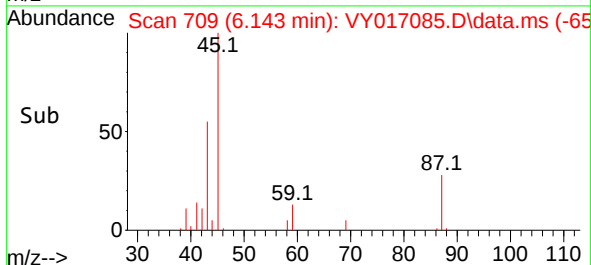
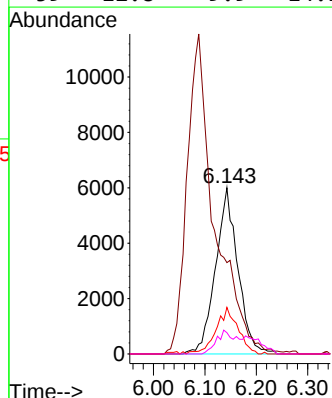
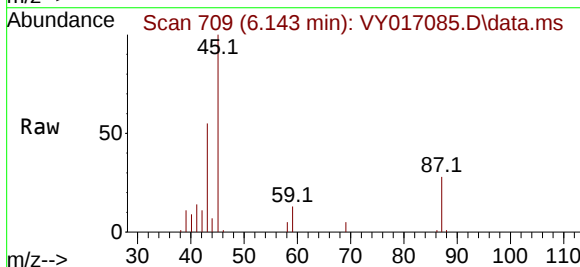
Ion Ratio Lower Upper

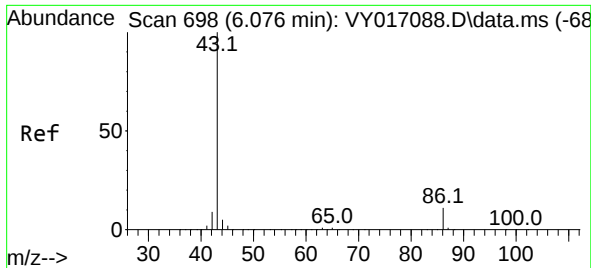
45 100

43 53.6 46.8 70.2

87 28.0 22.2 33.2

59 12.8 9.9 14.9

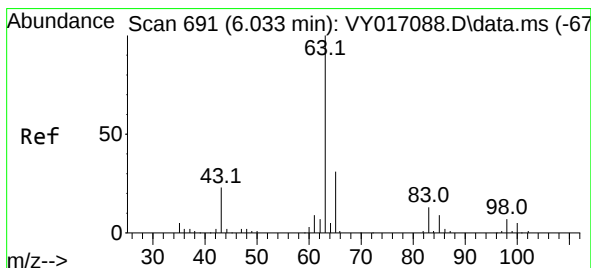
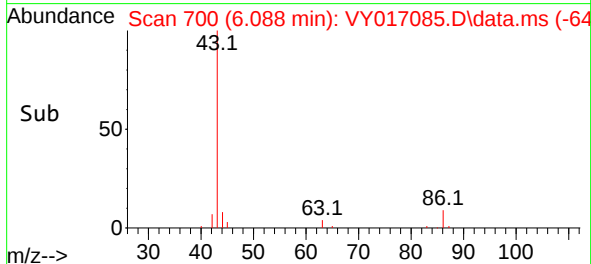
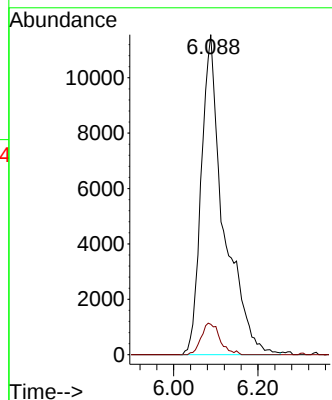
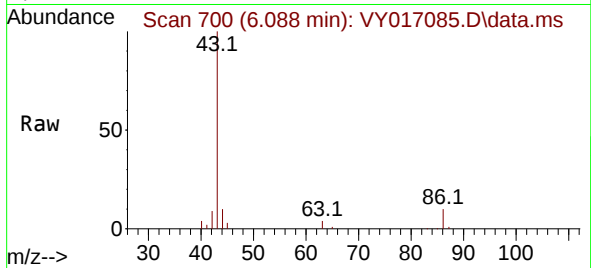




#23
 Vinyl Acetate
 Concen: 22.967 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY017085.D
 Acq: 24 Jan 2024 10:41

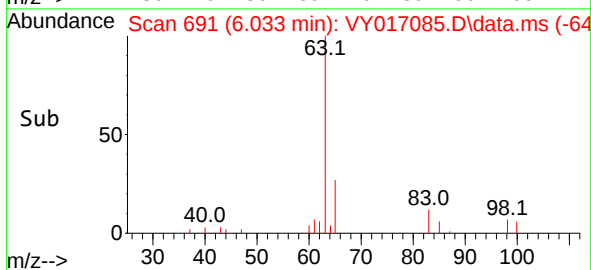
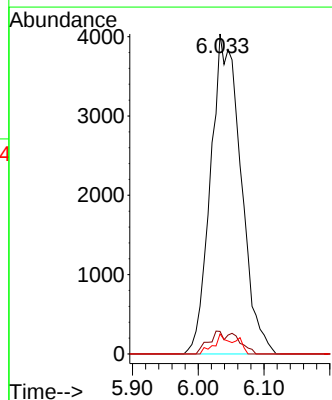
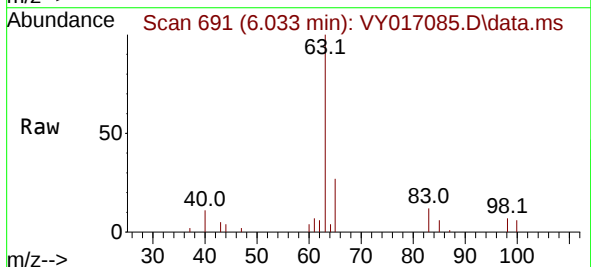
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

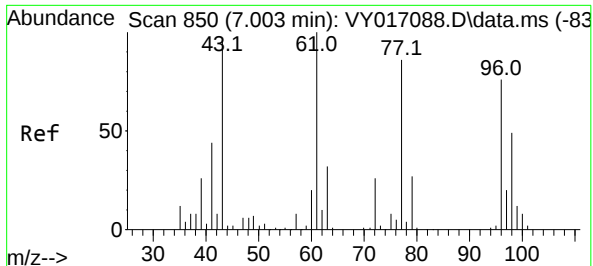
Tgt Ion: 43 Resp: 42932
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 5.268 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY017085.D
 Acq: 24 Jan 2024 10:41

Tgt Ion: 63 Resp: 12905
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 6.3 2.1 6.2#





#25

2-Butanone

Concen: 27.339 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

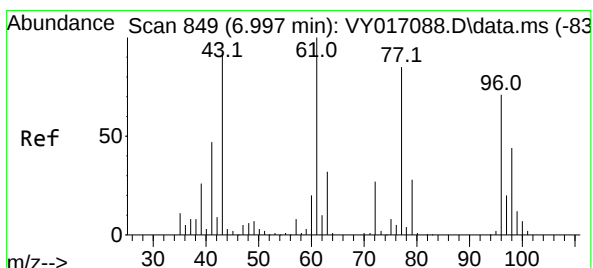
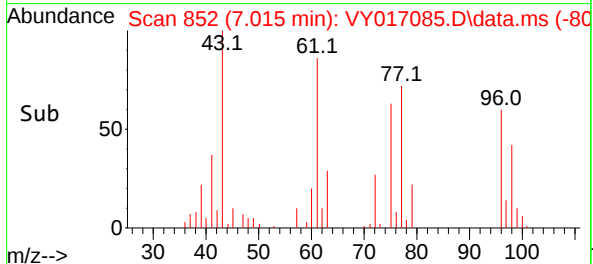
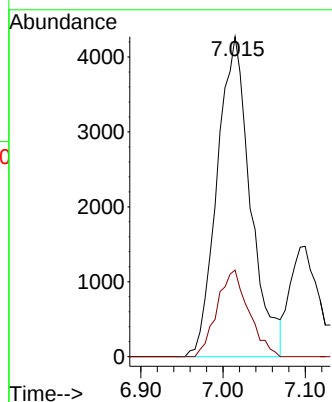
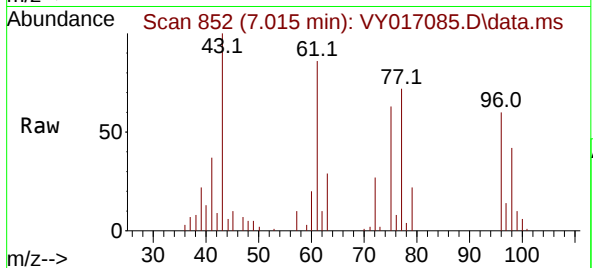
VSTDIC005

Tgt Ion: 43 Resp: 12043

Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 5.014 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY017085.D

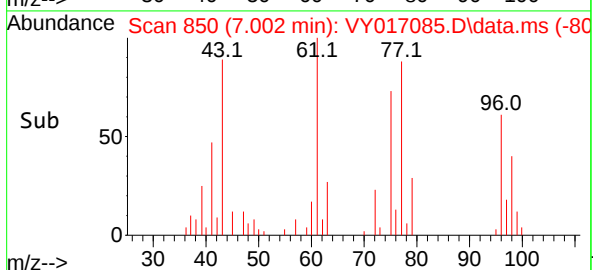
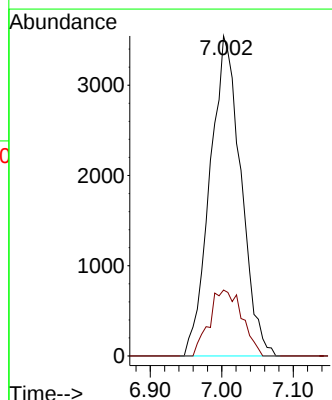
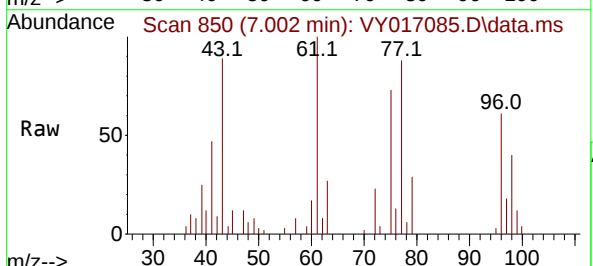
Acq: 24 Jan 2024 10:41

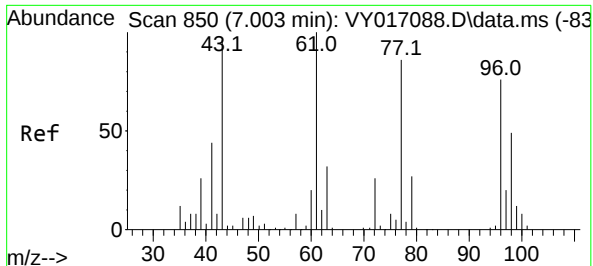
Tgt Ion: 77 Resp: 10651

Ion Ratio Lower Upper

77 100

97 21.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 4.947 ug/l

RT: 7.008 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

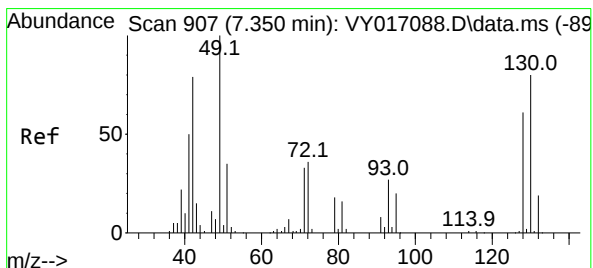
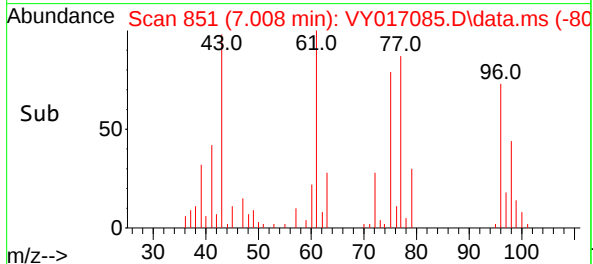
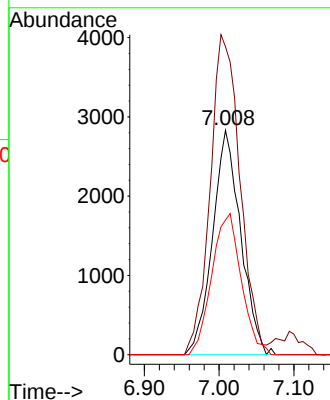
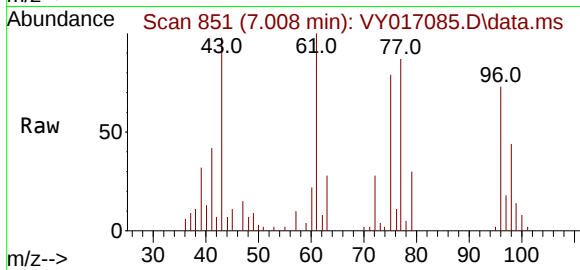
Tgt Ion: 96 Resp: 7408

Ion Ratio Lower Upper

96 100

61 151.5 0.0 278.8

98 66.0 0.0 127.0



#28

Bromochloromethane

Concen: 6.780 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

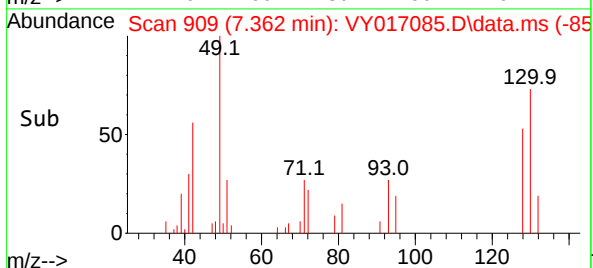
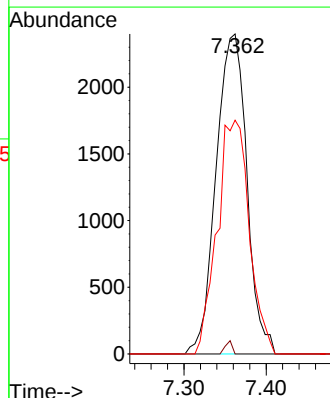
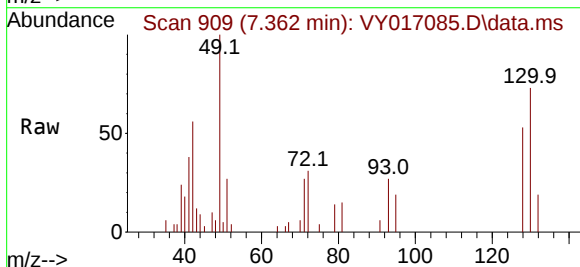
Tgt Ion: 49 Resp: 6236

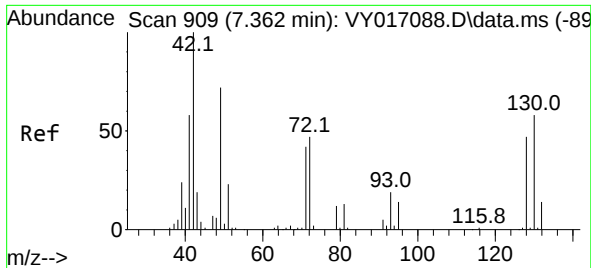
Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.8

130 76.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 20.809 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

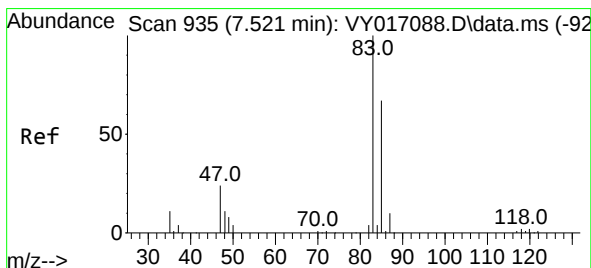
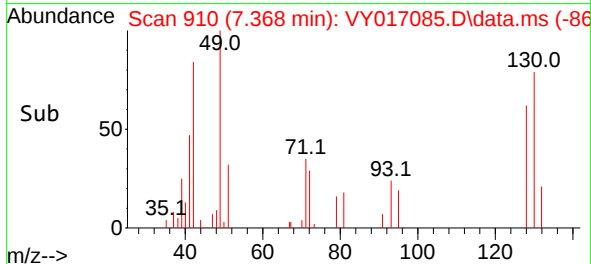
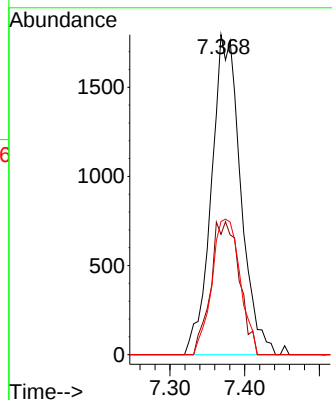
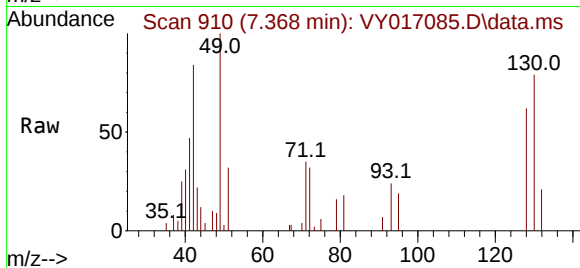
Tgt Ion: 42 Resp: 4875

Ion Ratio Lower Upper

42 100

72 40.7 36.6 54.8

71 41.0 33.8 50.6



#30

Chloroform

Concen: 4.910 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY017085.D

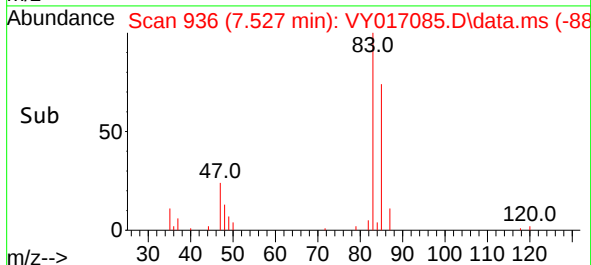
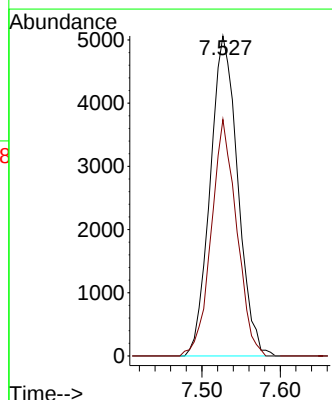
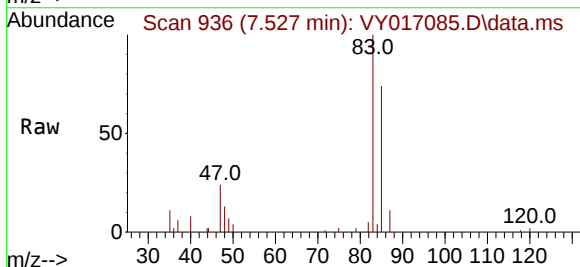
Acq: 24 Jan 2024 10:41

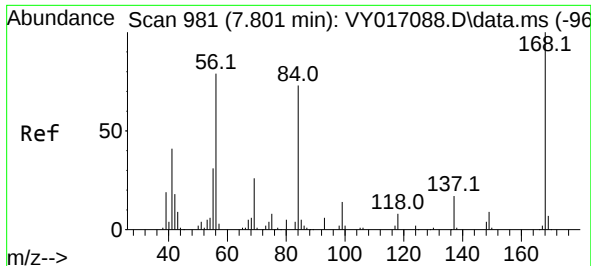
Tgt Ion: 83 Resp: 12396

Ion Ratio Lower Upper

83 100

85 73.9 51.2 76.8

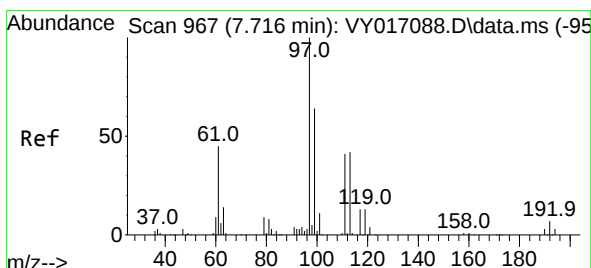
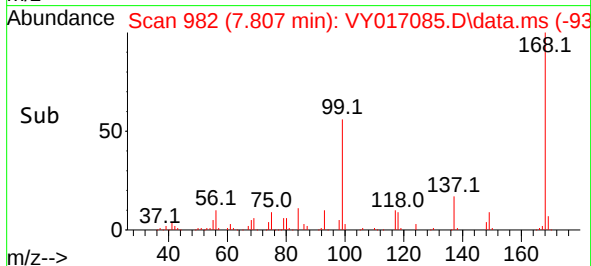
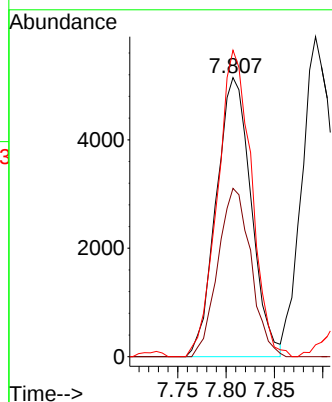
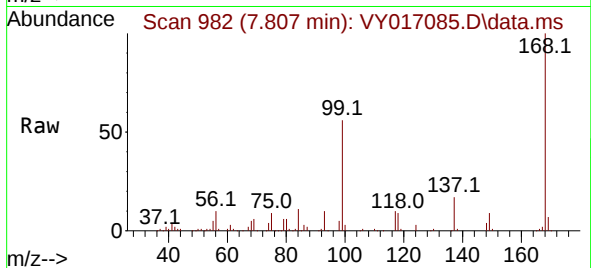




#31
Cyclohexane
Concen: 6.485 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

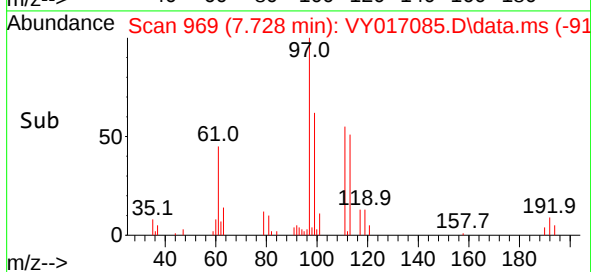
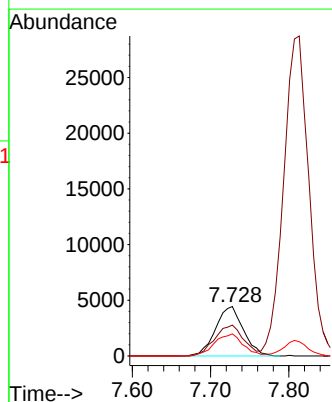
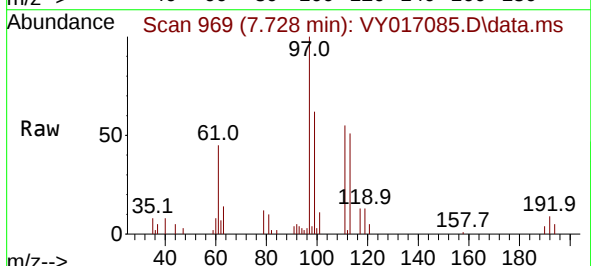
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

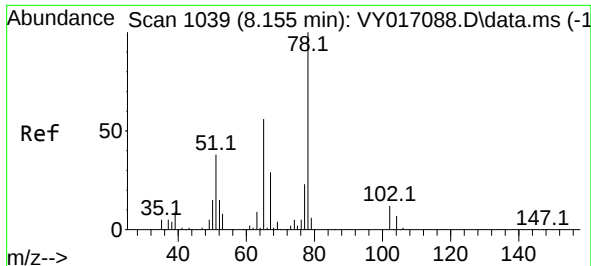
Tgt Ion: 56 Resp: 12883
Ion Ratio Lower Upper
56 100
69 60.3 27.0 40.6#
84 109.8 71.8 107.6#



#32
1,1,1-Trichloroethane
Concen: 5.118 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 97 Resp: 10956
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 46.1 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 6.035 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

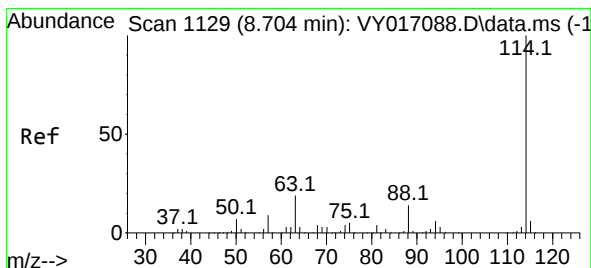
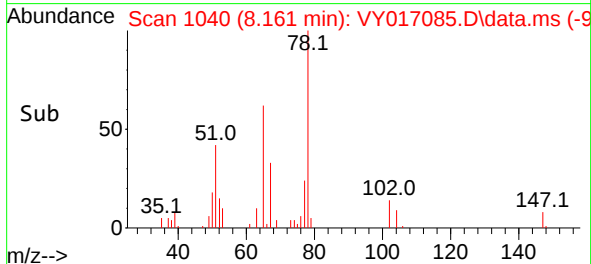
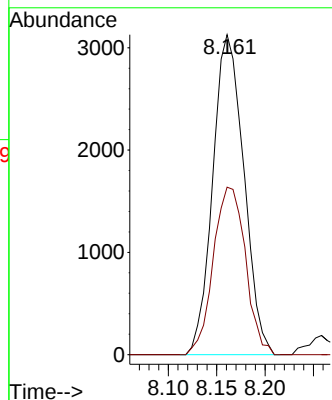
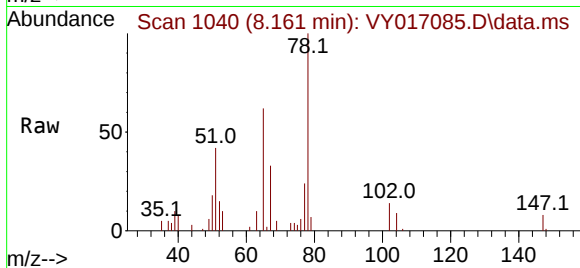
VSTDIC005

Tgt Ion: 65 Resp: 6985

Ion Ratio Lower Upper

65 100

67 54.2 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: VY017085.D

Acq: 24 Jan 2024 10:41

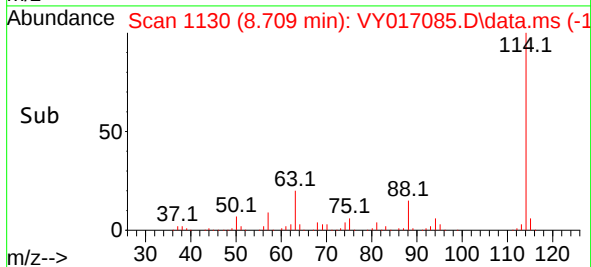
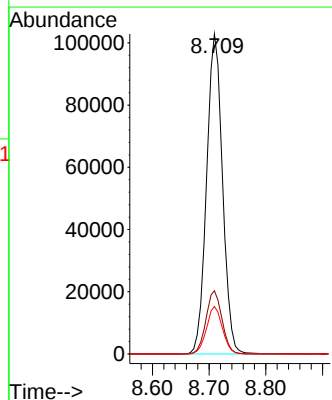
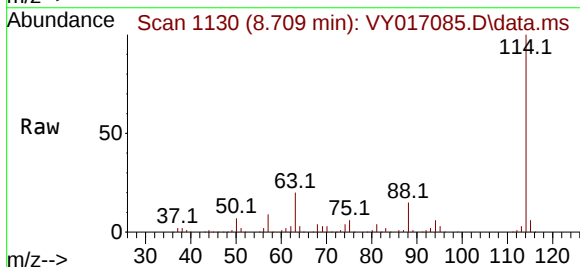
Tgt Ion: 114 Resp: 200483

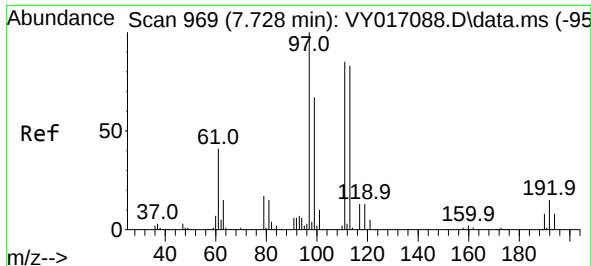
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.8 0.0 29.0

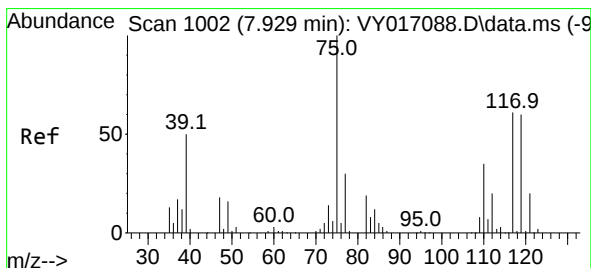
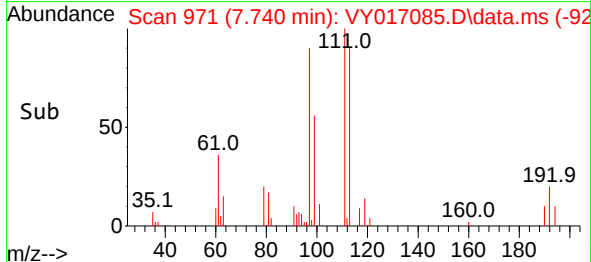
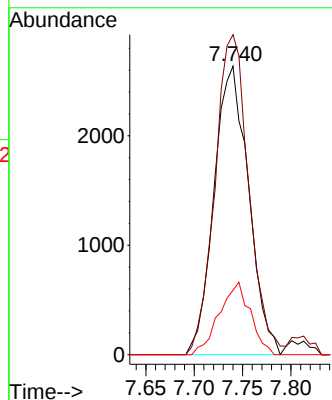
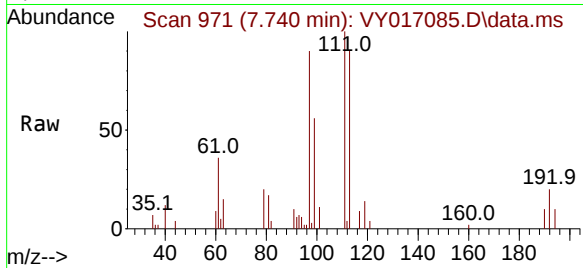




#35
Dibromofluoromethane
Concen: 5.124 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

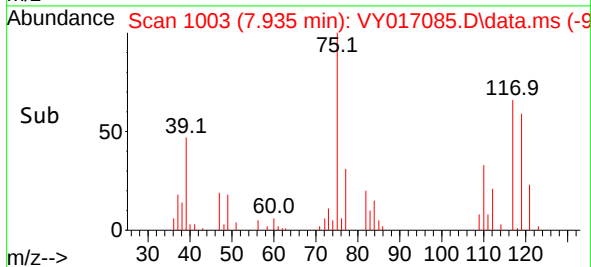
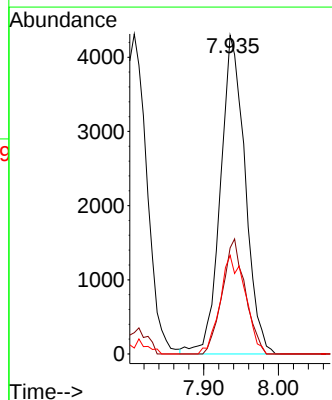
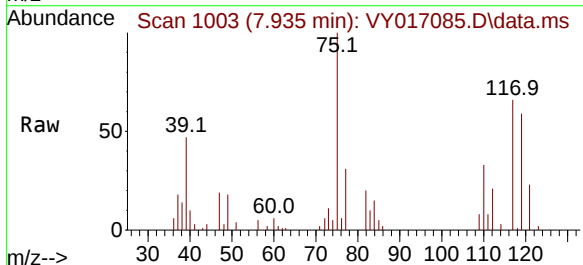
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

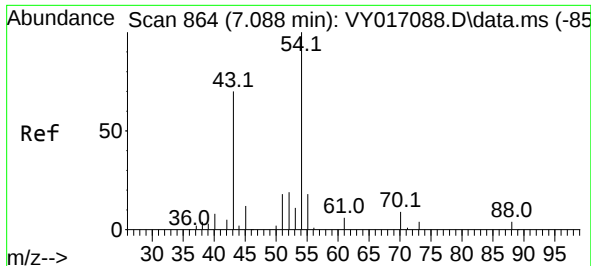
Tgt Ion:113 Resp: 6546
Ion Ratio Lower Upper
113 100
111 108.3 83.8 125.6
192 22.6 14.5 21.7#



#36
1,1-Dichloropropene
Concen: 5.301 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 75 Resp: 9870
Ion Ratio Lower Upper
75 100
110 33.7 17.4 52.3
77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 4.640 ug/l

RT: 7.100 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

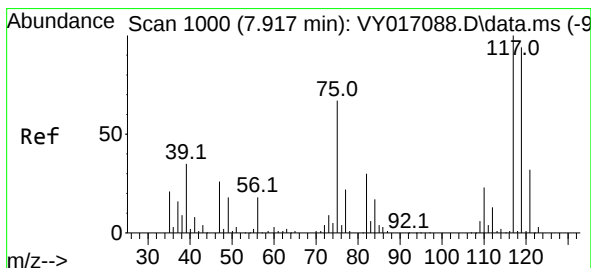
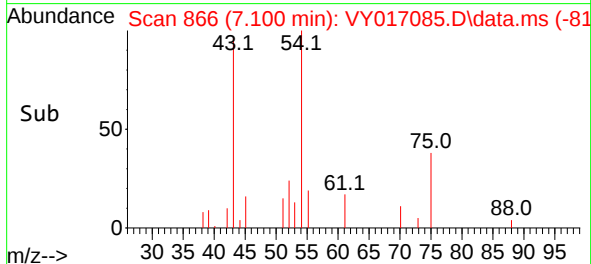
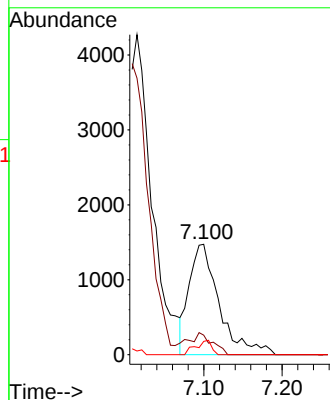
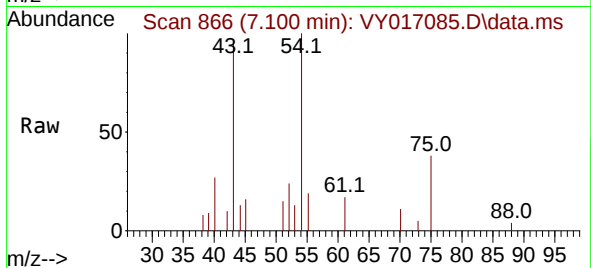
Tgt Ion: 43 Resp: 3926

Ion Ratio Lower Upper

43 100

61 16.8 11.0 16.6#

70 6.8 8.1 12.1#



#38

Carbon Tetrachloride

Concen: 5.201 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

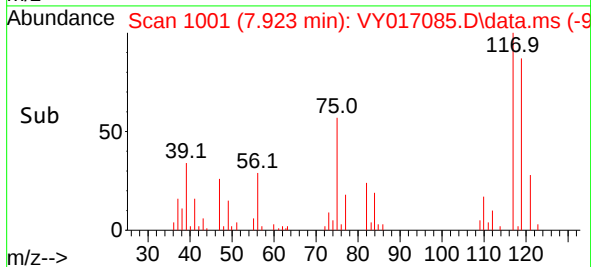
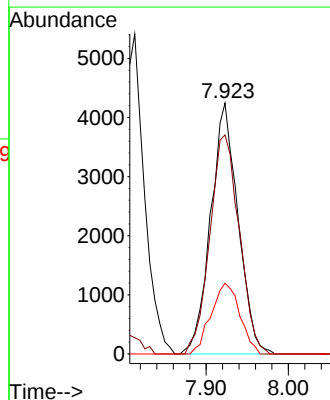
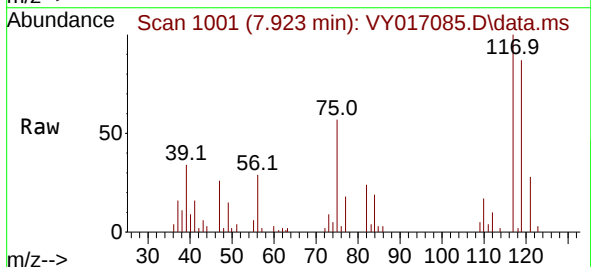
Tgt Ion: 117 Resp: 9839

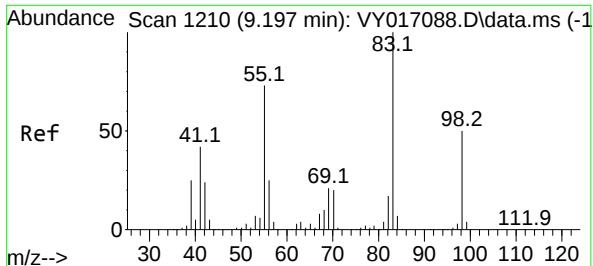
Ion Ratio Lower Upper

117 100

119 87.3 76.0 114.0

121 28.2 24.2 36.2





#39

Methylcyclohexane

Concen: 5.403 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

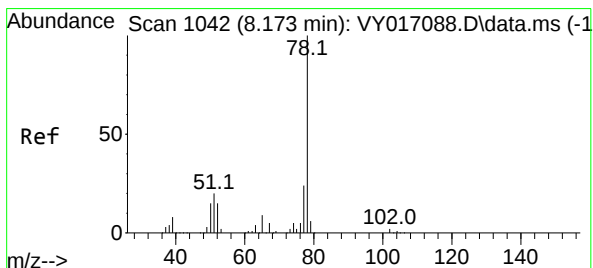
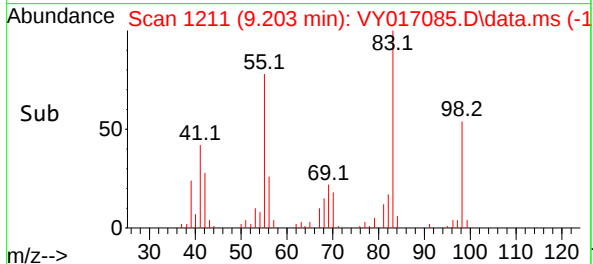
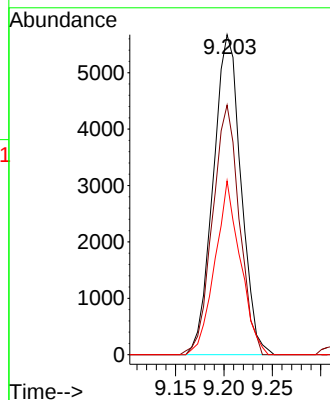
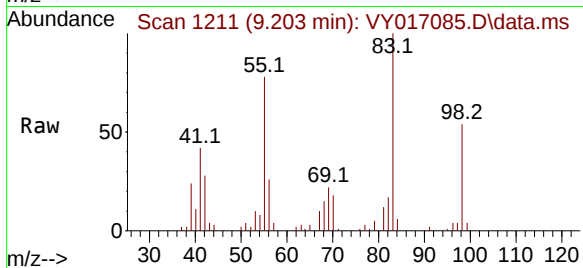
Tgt Ion: 83 Resp: 11309

Ion Ratio Lower Upper

83 100

55 78.0 59.7 89.5

98 54.3 38.0 57.0



#40

Benzene

Concen: 5.144 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY017085.D

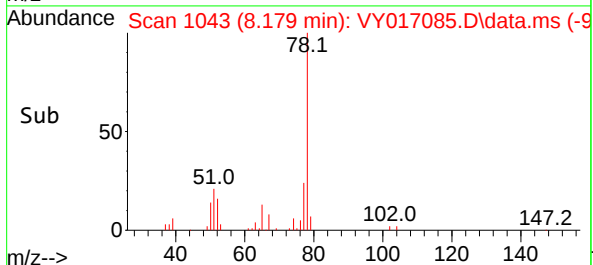
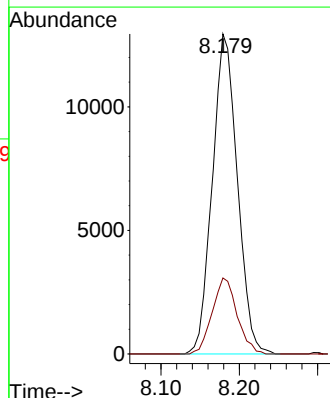
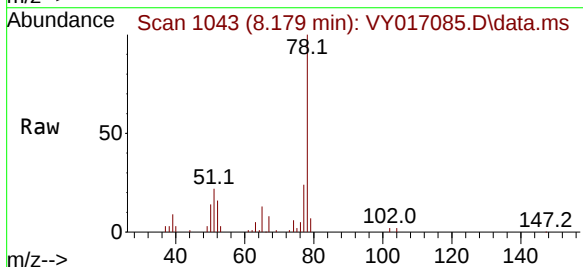
Acq: 24 Jan 2024 10:41

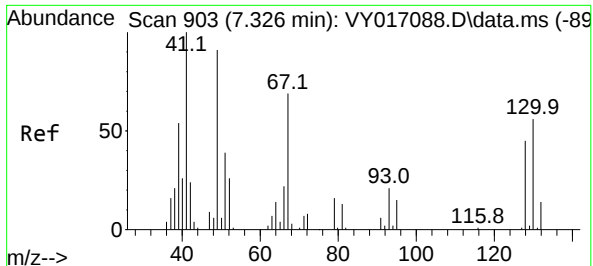
Tgt Ion: 78 Resp: 28730

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2

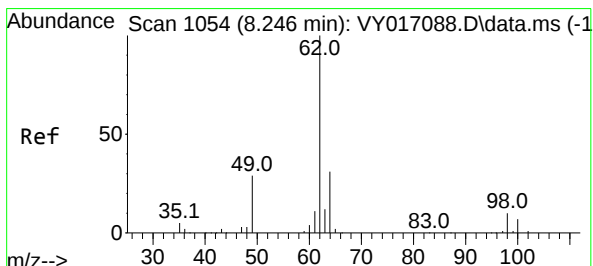
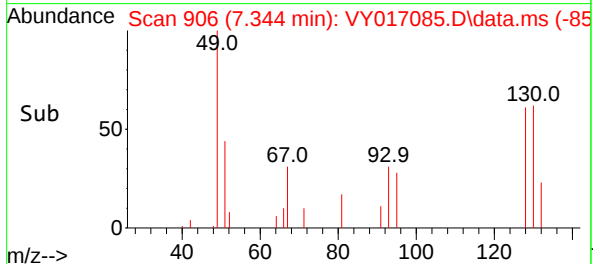
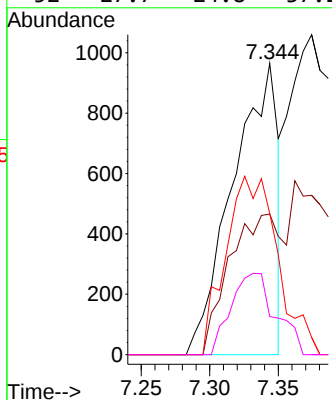
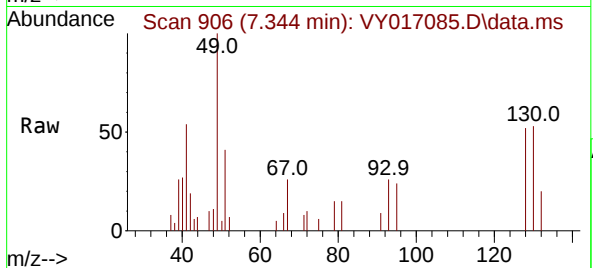




#41
Methacrylonitrile
Concen: 4.939 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

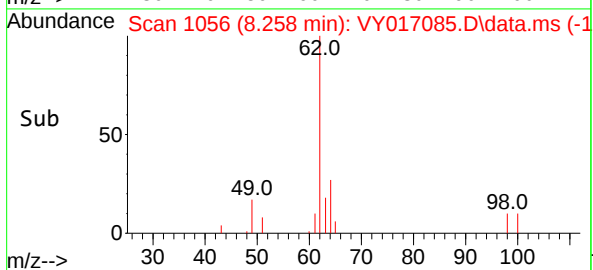
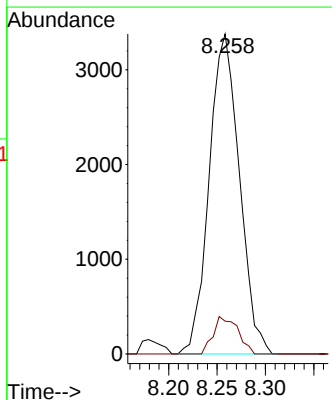
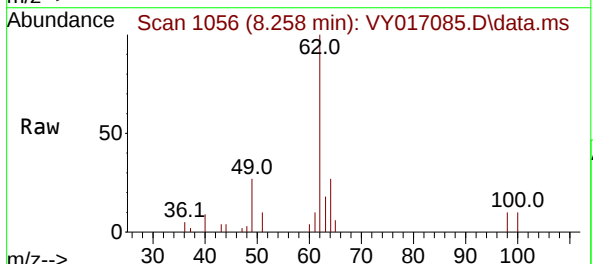
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

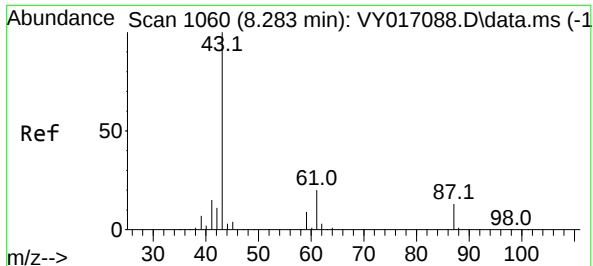
Tgt Ion:	41	Resp:	2201
Ion	Ratio	Lower	Upper
41	100		
39	58.2	41.9	62.9
67	70.7	59.8	89.6
52	27.7	24.8	37.2



#42
1,2-Dichloroethane
Concen: 4.956 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion:	62	Resp:	7349
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2





#43

Isopropyl Acetate

Concen: 4.136 ug/l

RT: 8.295 min Scan# 1062

Delta R.T. 0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

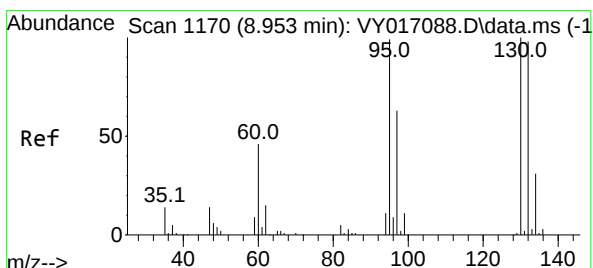
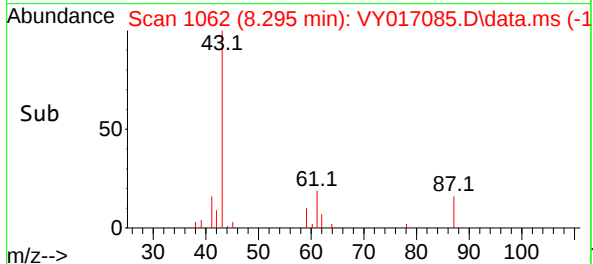
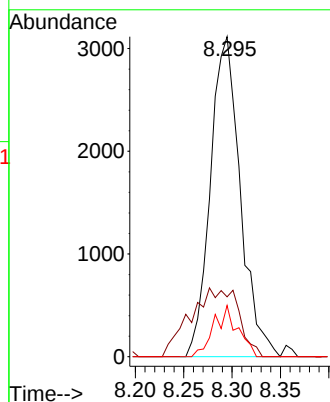
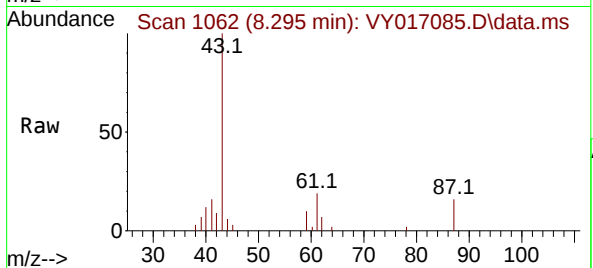
Tgt Ion: 43 Resp: 6702

Ion Ratio Lower Upper

43 100

61 34.6 24.8 37.2

87 12.8 10.7 16.1



#44

Trichloroethene

Concen: 5.327 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VY017085.D

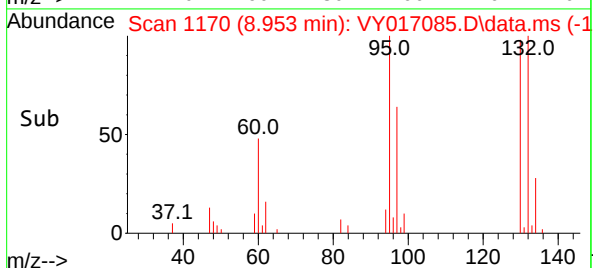
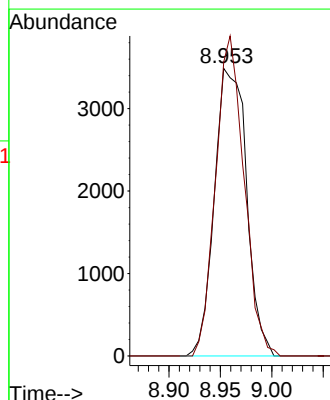
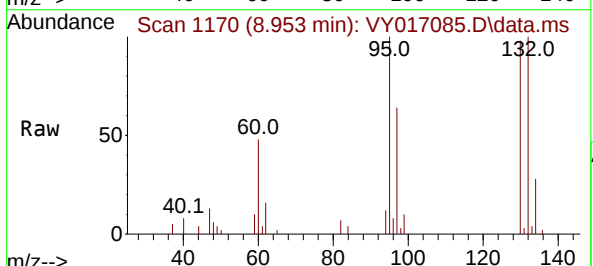
Acq: 24 Jan 2024 10:41

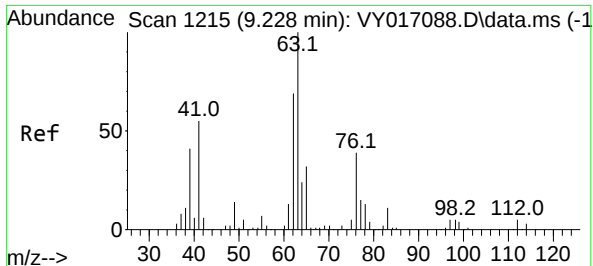
Tgt Ion:130 Resp: 7570

Ion Ratio Lower Upper

130 100

95 102.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 5.052 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

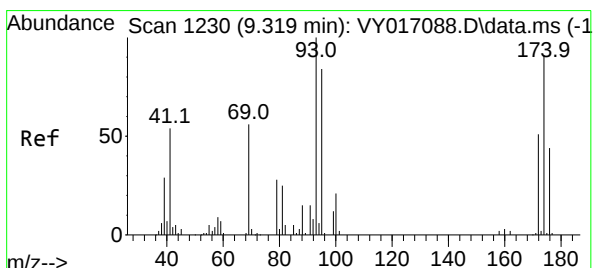
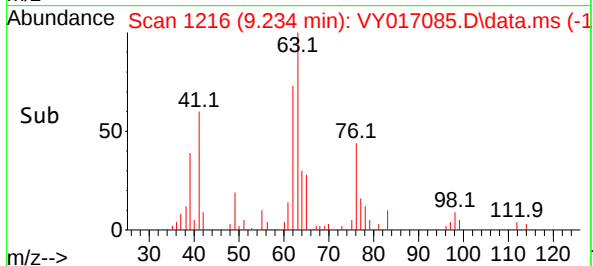
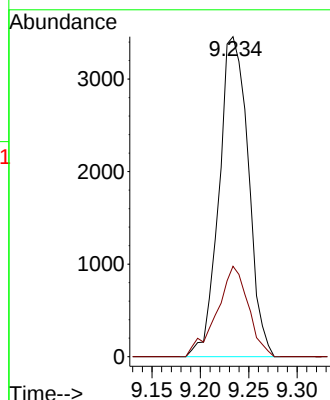
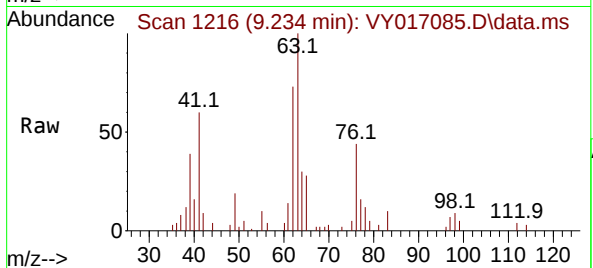
VSTDIC005

Tgt Ion: 63 Resp: 7269

Ion Ratio Lower Upper

63 100

65 28.2 24.6 36.8



#46

Dibromomethane

Concen: 4.756 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

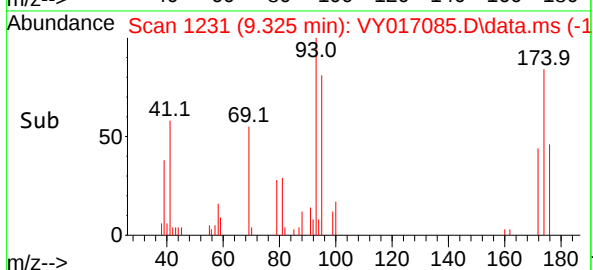
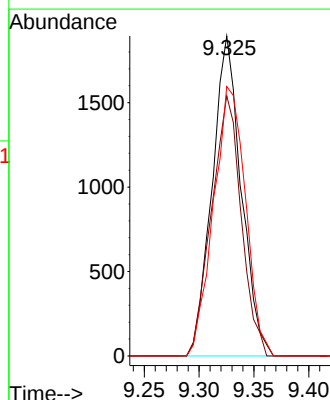
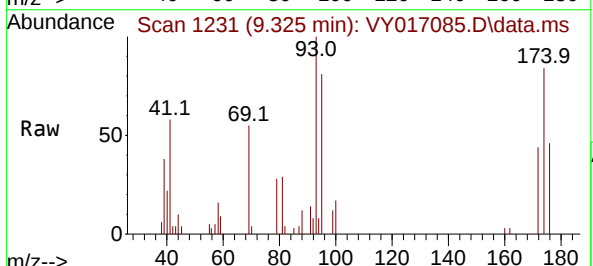
Tgt Ion: 93 Resp: 3490

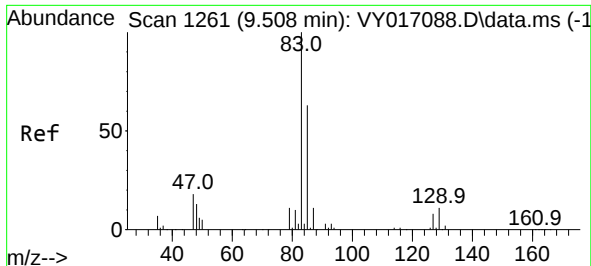
Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 92.6 73.8 110.6

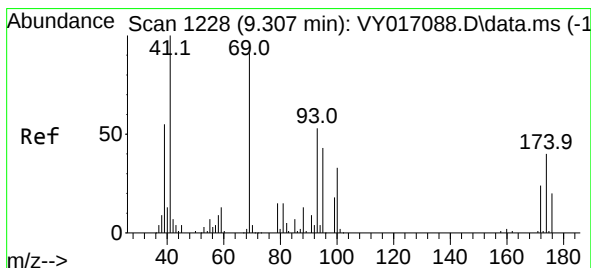
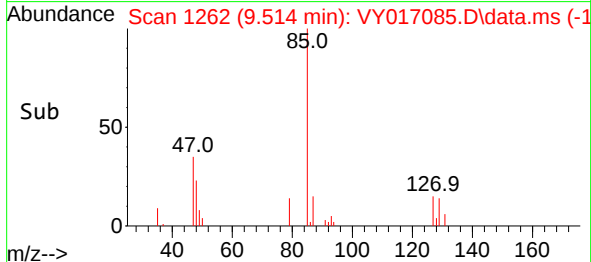
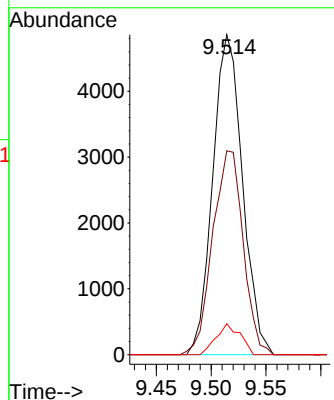
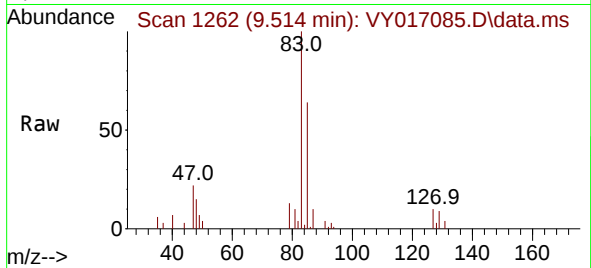




#47
Bromodichloromethane
Concen: 4.648 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

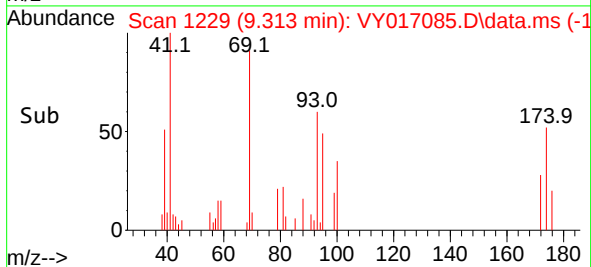
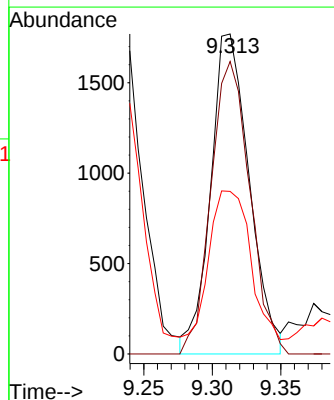
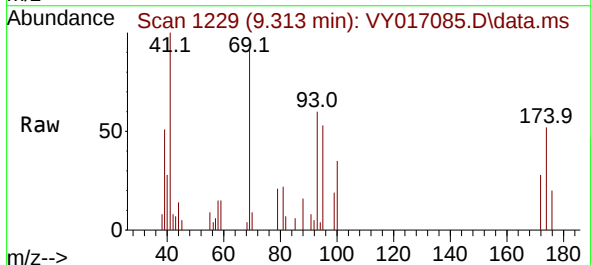
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

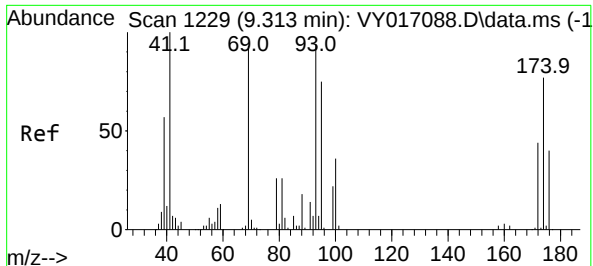
Tgt Ion: 83 Resp: 9160
Ion Ratio Lower Upper
83 100
85 63.7 53.2 79.8
127 9.7 6.4 9.6#



#48
Methyl methacrylate
Concen: 3.967 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 41 Resp: 3469
Ion Ratio Lower Upper
41 100
69 92.1 72.1 108.1
39 51.1 42.8 64.2





#49

1,4-Dioxane

Concen: 81.203 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

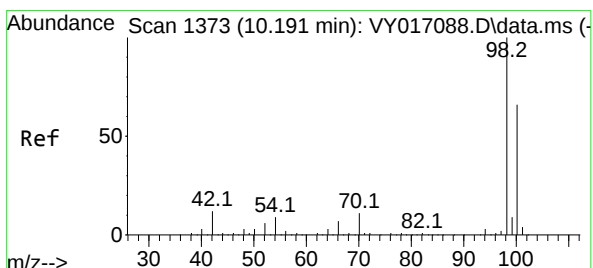
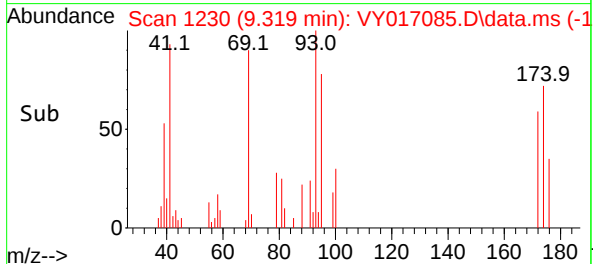
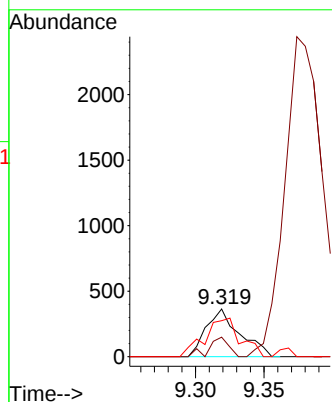
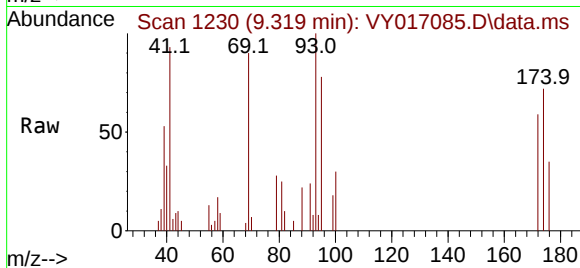
Tgt Ion: 88 Resp: 617

Ion Ratio Lower Upper

88 100

43 23.8 28.2 42.4#

58 86.1 52.2 78.2#



#50

Toluene-d8

Concen: 5.773 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017085.D

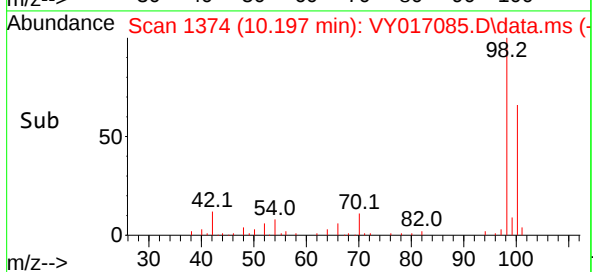
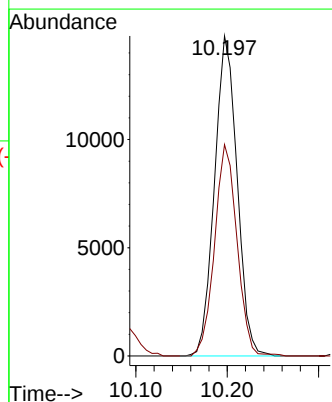
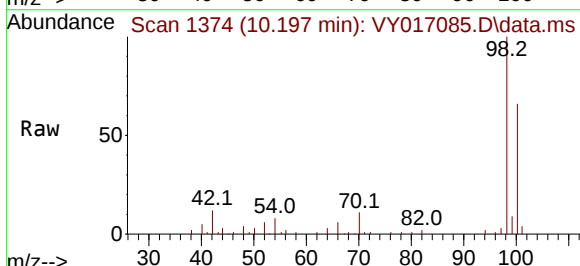
Acq: 24 Jan 2024 10:41

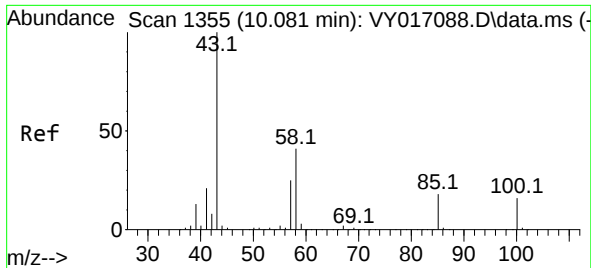
Tgt Ion: 98 Resp: 25397

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

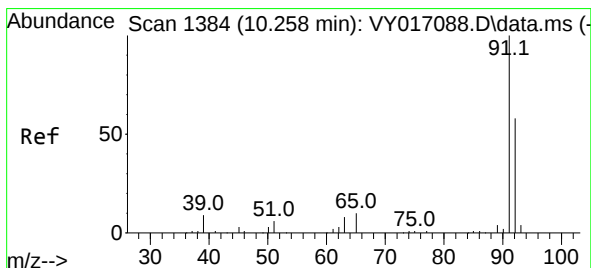
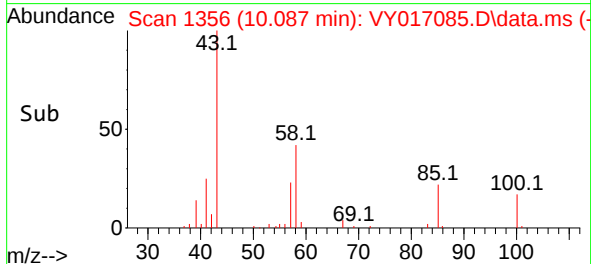
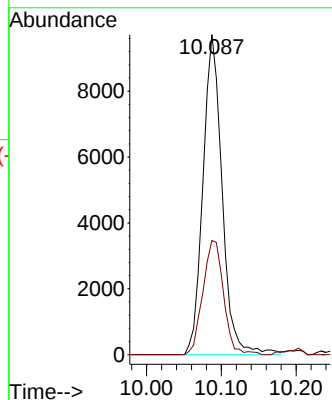
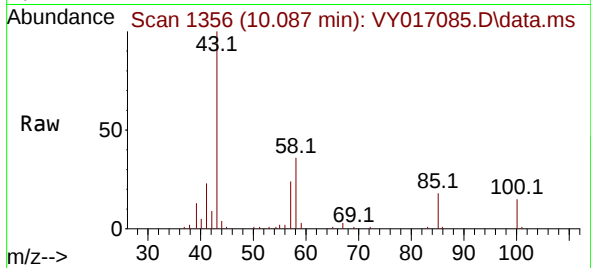




#51
4-Methyl-2-Pentanone
Concen: 20.107 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

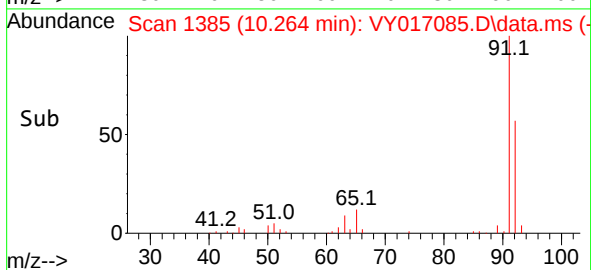
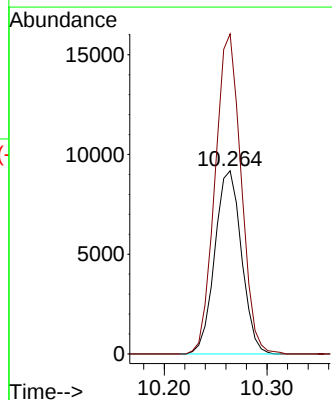
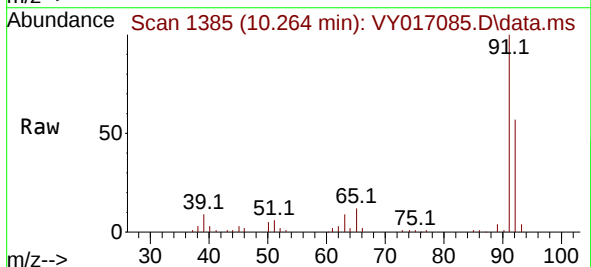
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

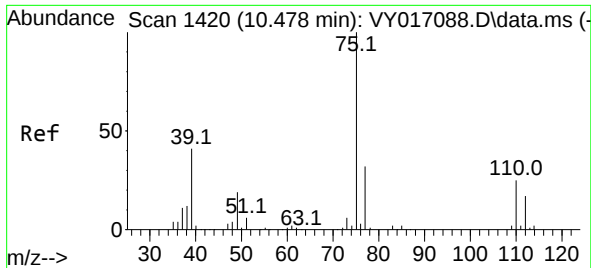
Tgt Ion: 43 Resp: 17326
Ion Ratio Lower Upper
43 100
58 38.4 32.2 48.2



#52
Toluene
Concen: 4.911 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 92 Resp: 16552
Ion Ratio Lower Upper
92 100
91 170.5 137.6 206.4

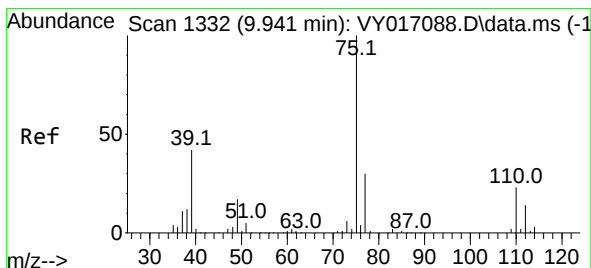
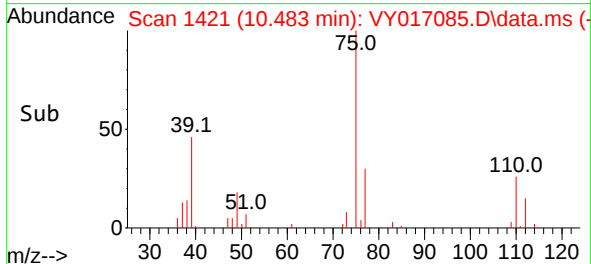
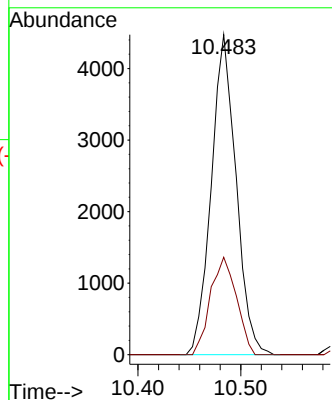
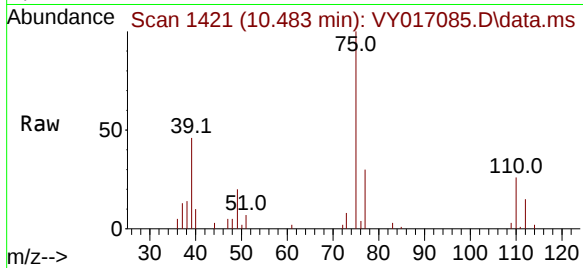




#53
 t-1,3-Dichloropropene
 Concen: 4.245 ug/l
 RT: 10.483 min Scan# 1420
 Delta R.T. 0.012 min
 Lab File: VY017085.D
 Acq: 24 Jan 2024 10:41

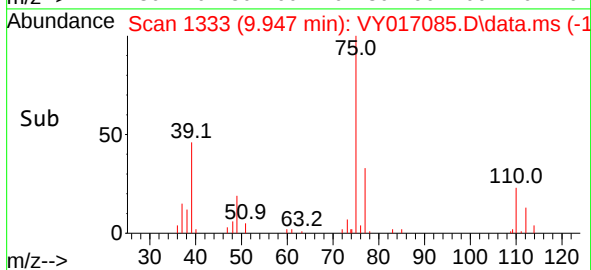
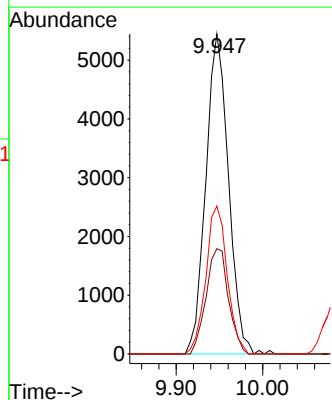
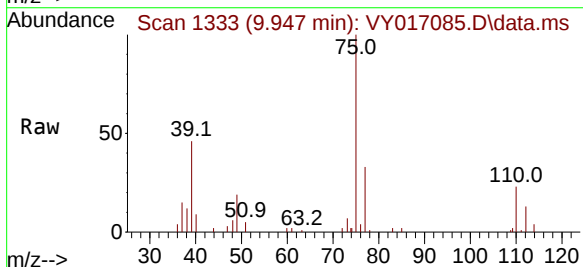
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

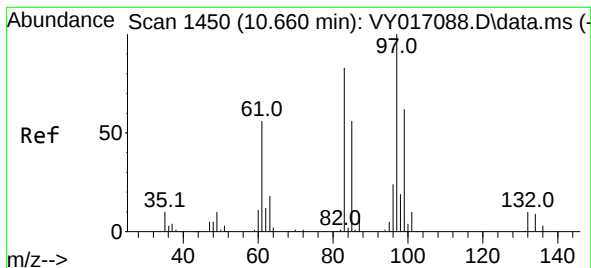
Tgt Ion: 75 Resp: 7493
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.678 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY017085.D
 Acq: 24 Jan 2024 10:41

Tgt Ion: 75 Resp: 9917
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.6 36.8
 39 46.2 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 4.488 ug/l

RT: 10.666 min Scan# 1451

Delta R.T. 0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 4811

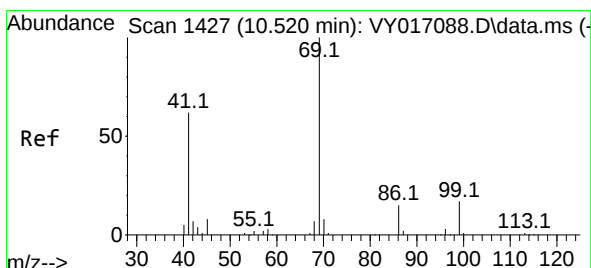
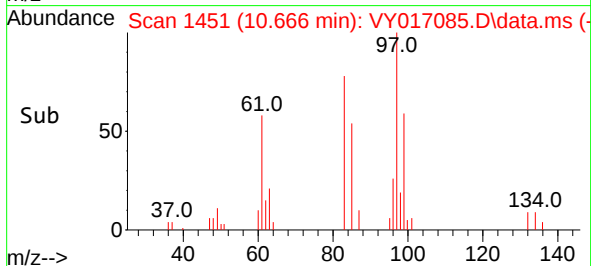
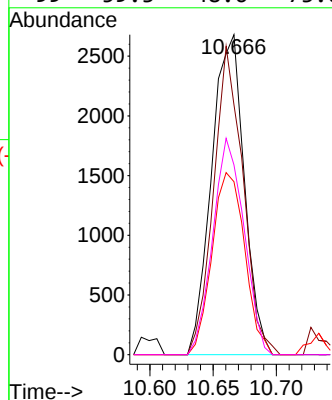
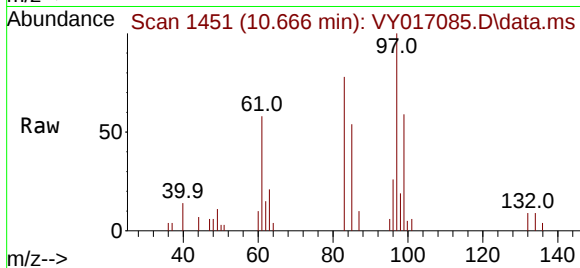
Ion Ratio Lower Upper

97 100

83 78.1 69.4 104.2

85 54.1 43.9 65.9

99 59.3 48.6 73.0



#56

Ethyl methacrylate

Concen: 4.001 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

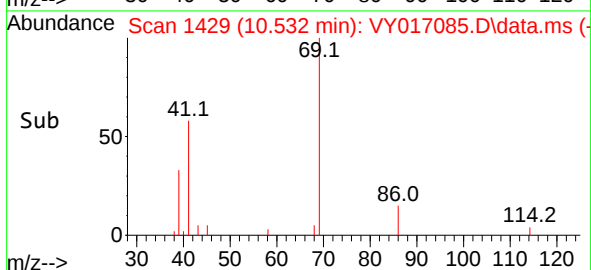
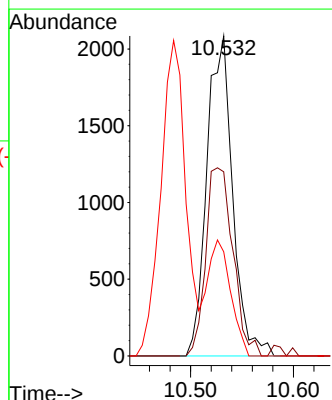
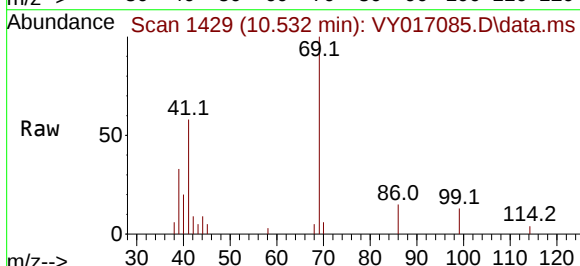
Tgt Ion: 69 Resp: 3633

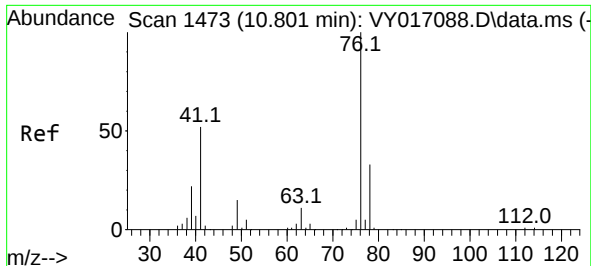
Ion Ratio Lower Upper

69 100

41 62.2 49.2 73.8

39 32.9 26.8 40.2





#57

1,3-Dichloropropane

Concen: 4.582 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.007 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

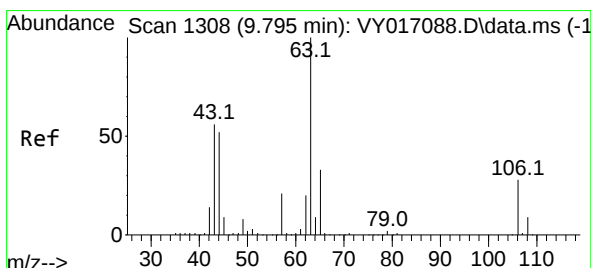
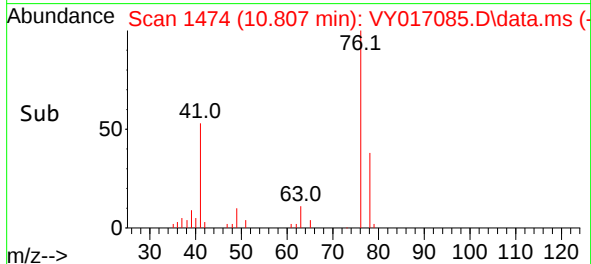
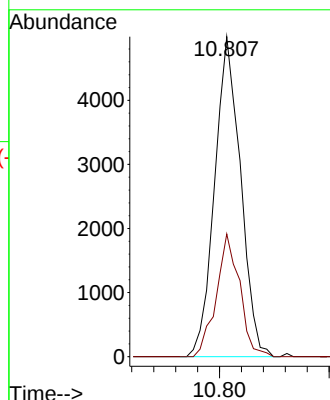
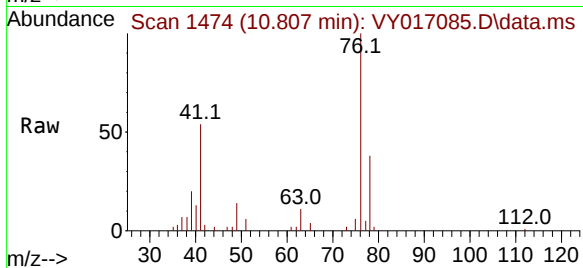
VSTDIC005

Tgt Ion: 76 Resp: 8201

Ion Ratio Lower Upper

76 100

78 34.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 27.800 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.013 min

Lab File: VY017085.D

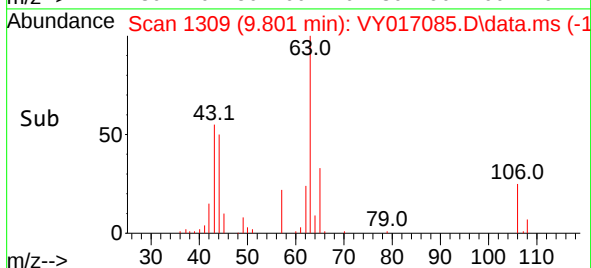
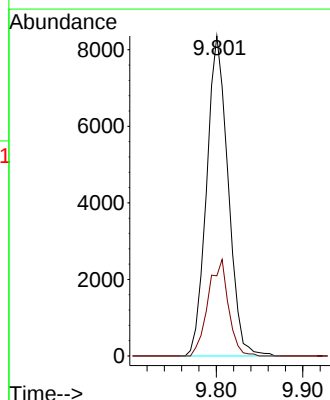
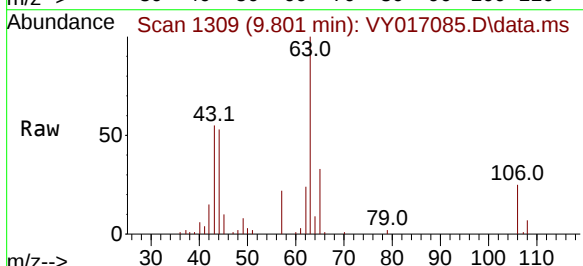
Acq: 24 Jan 2024 10:41

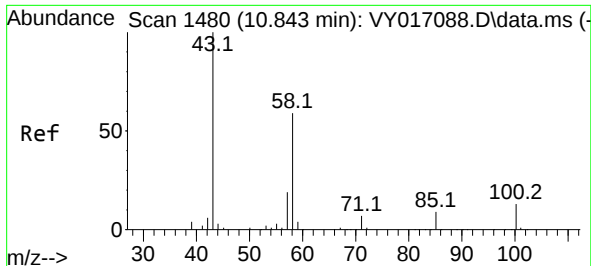
Tgt Ion: 63 Resp: 14376

Ion Ratio Lower Upper

63 100

106 28.6 22.4 33.6





#59

2-Hexanone

Concen: 22.722 ug/l

RT: 10.849 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

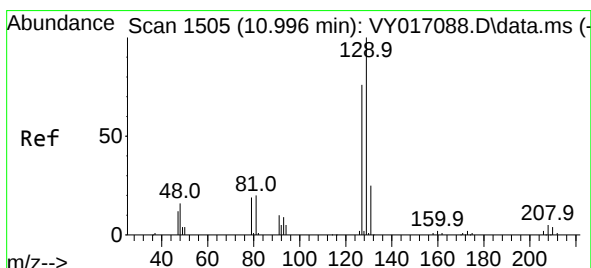
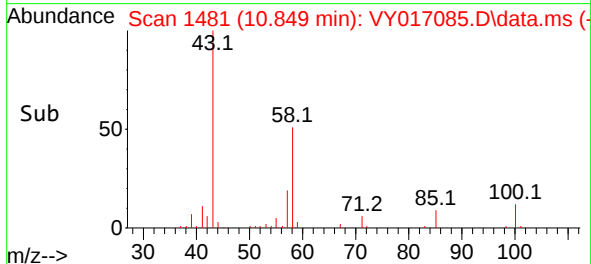
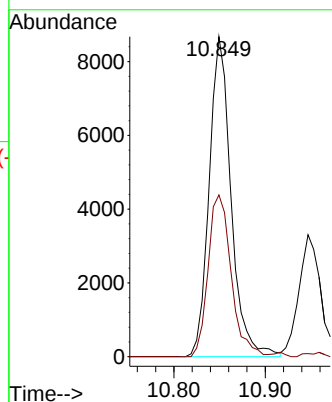
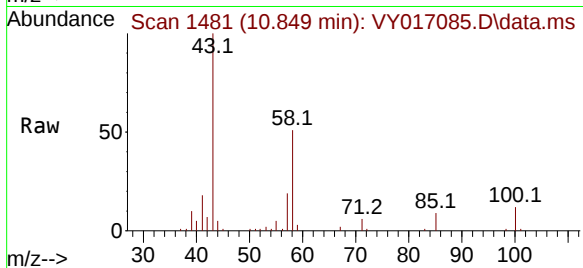
VSTDIC005

Tgt Ion: 43 Resp: 14417

Ion Ratio Lower Upper

43 100

58 53.3 28.1 84.3



#60

Dibromochloromethane

Concen: 4.703 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY017085.D

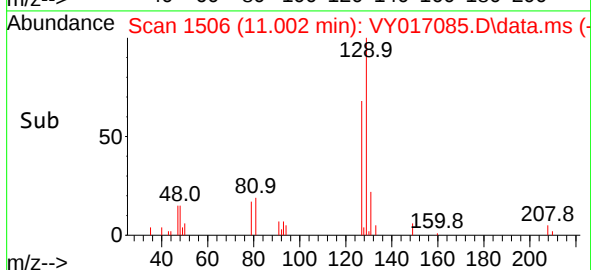
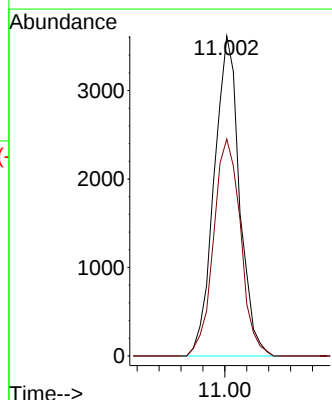
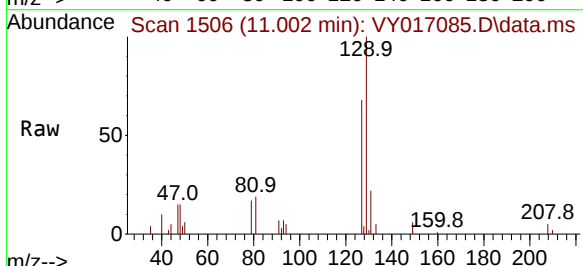
Acq: 24 Jan 2024 10:41

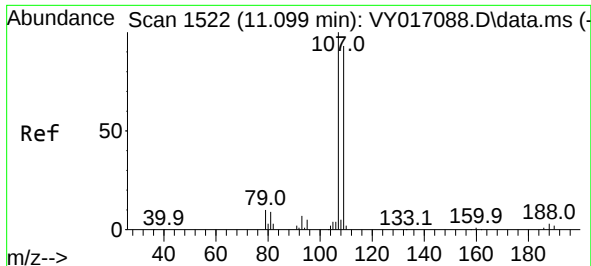
Tgt Ion:129 Resp: 5815

Ion Ratio Lower Upper

129 100

127 72.2 39.2 117.6

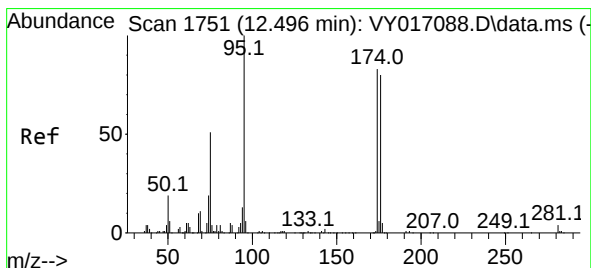
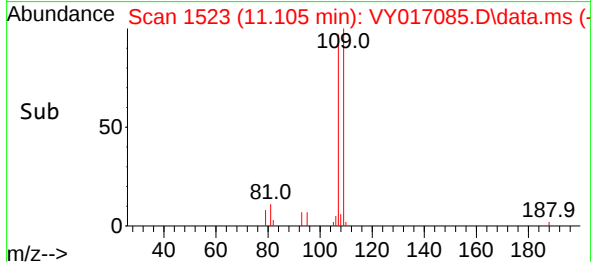
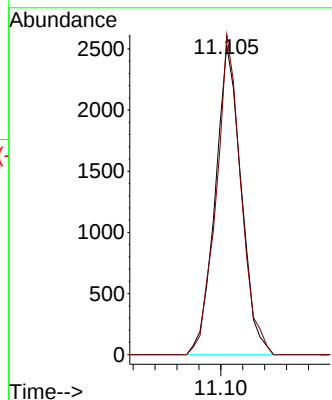
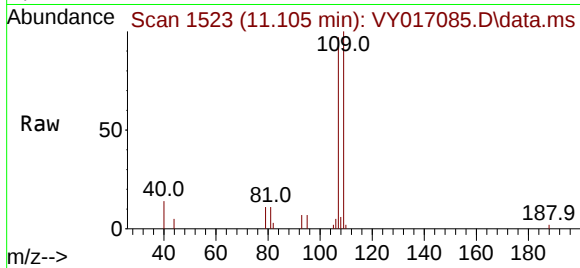




#61
1,2-Dibromoethane
Concen: 4.459 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

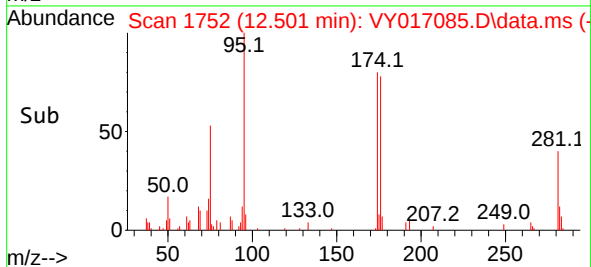
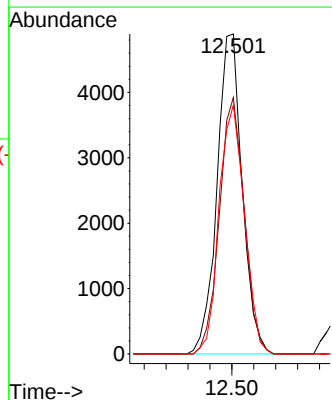
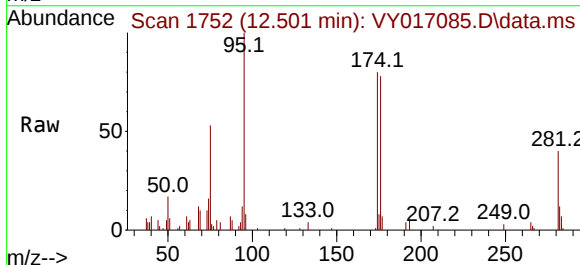
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

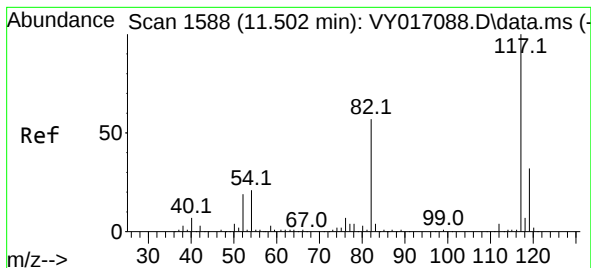
Tgt Ion:107 Resp: 4153
Ion Ratio Lower Upper
107 100
109 98.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 5.267 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 95 Resp: 7817
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 78.2 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: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

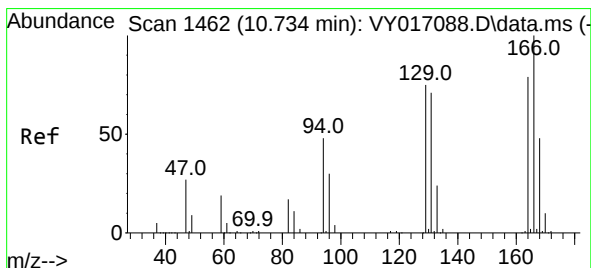
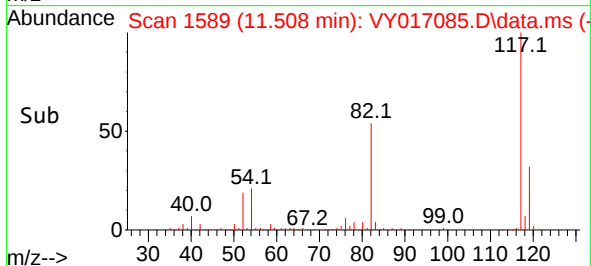
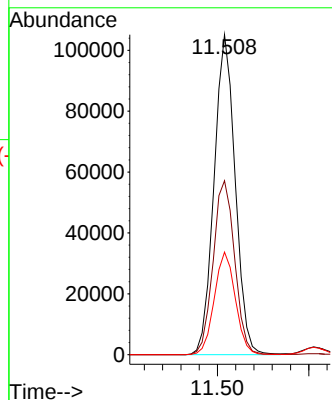
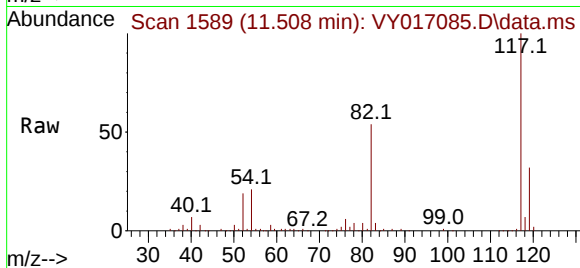
Tgt Ion:117 Resp: 168699

Ion Ratio Lower Upper

117 100

82 54.4 43.8 65.8

119 32.1 26.5 39.7



#64

Tetrachloroethene

Concen: 5.569 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.013 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Tgt Ion:164 Resp: 6091

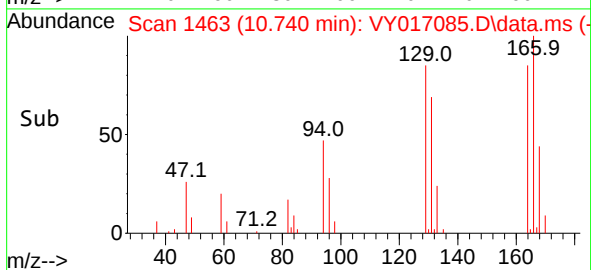
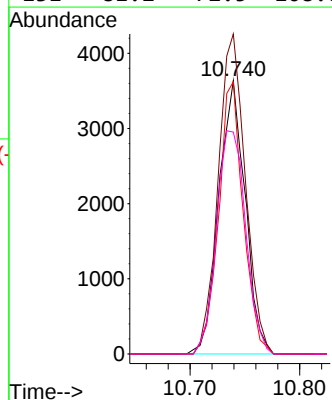
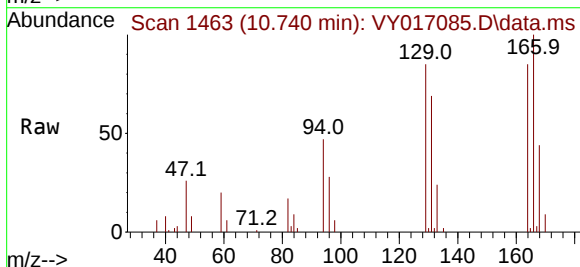
Ion Ratio Lower Upper

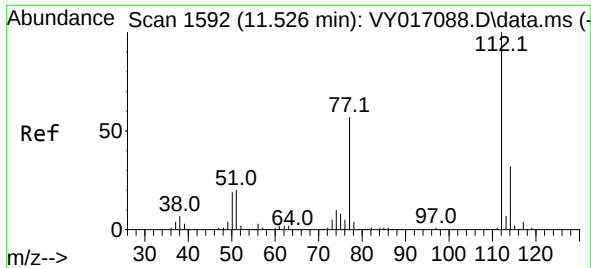
164 100

166 117.1 98.8 148.2

129 99.6 78.9 118.3

131 81.2 72.5 108.7

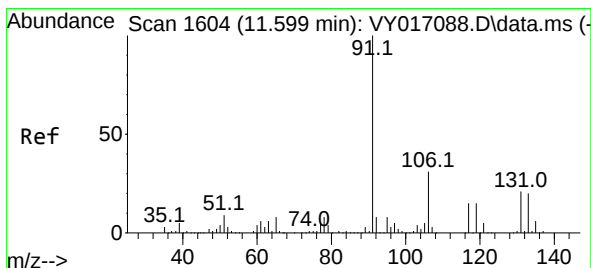
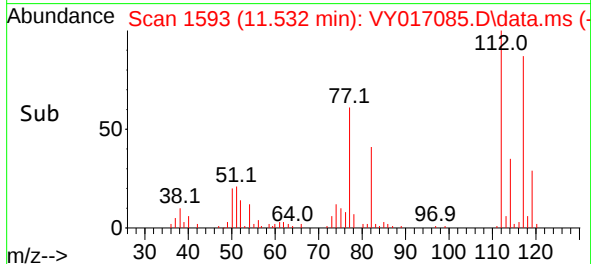
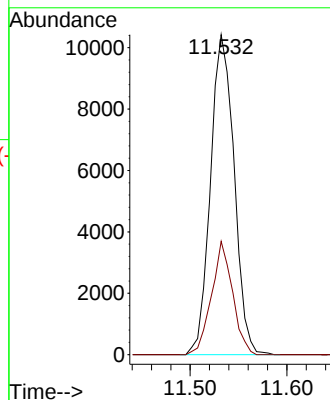
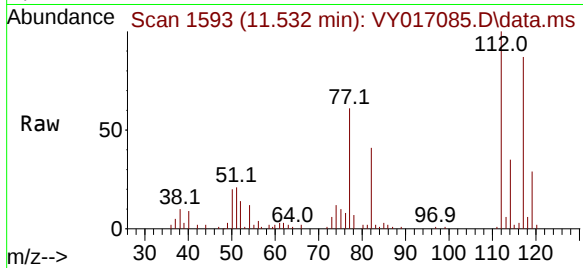




#65
Chlorobenzene
Concen: 5.033 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

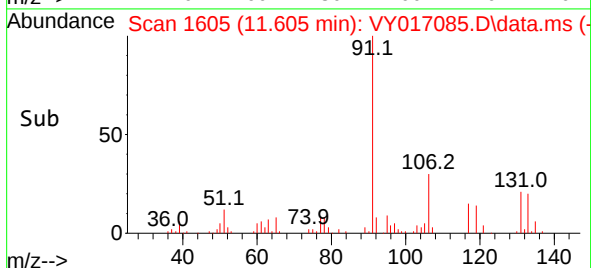
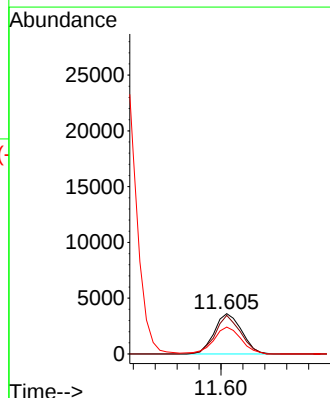
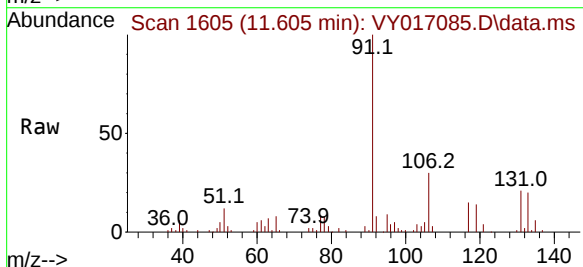
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

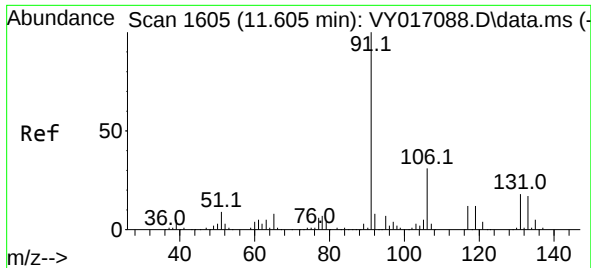
Tgt Ion:112 Resp: 17688
Ion Ratio Lower Upper
112 100
114 35.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 4.687 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion:131 Resp: 6261
Ion Ratio Lower Upper
131 100
133 88.6 47.0 141.0
119 67.1 33.3 99.9





#67

Ethyl Benzene

Concen: 4.681 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

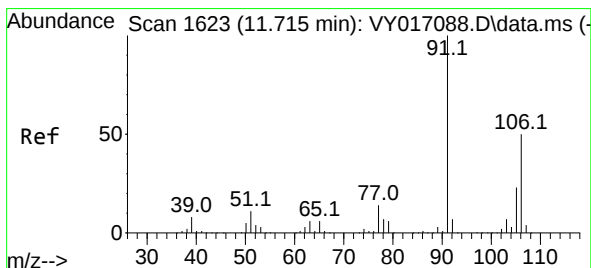
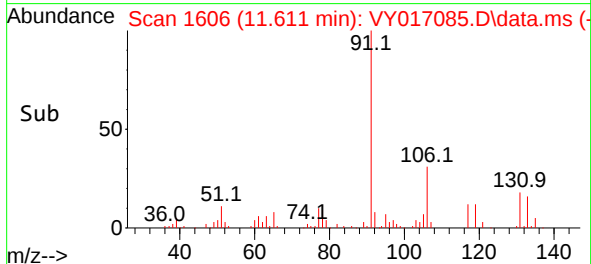
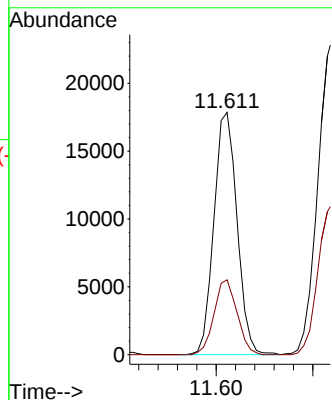
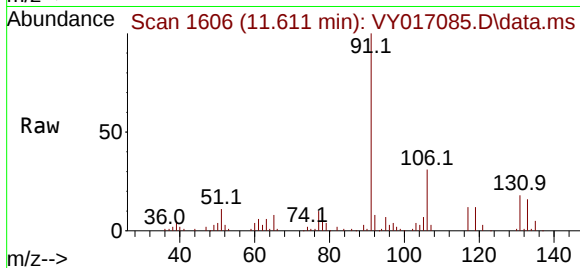
VSTDICC005

Tgt Ion: 91 Resp: 29619

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 9.169 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY017085.D

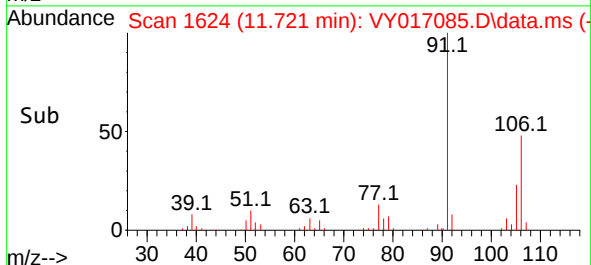
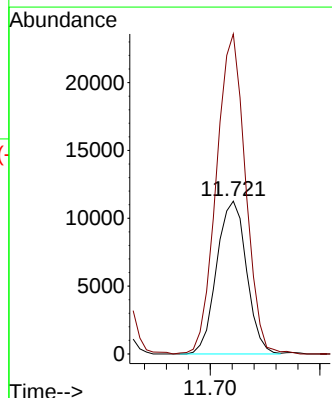
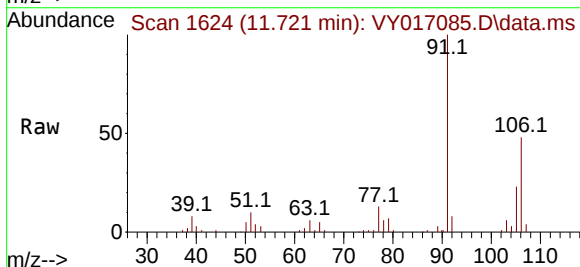
Acq: 24 Jan 2024 10:41

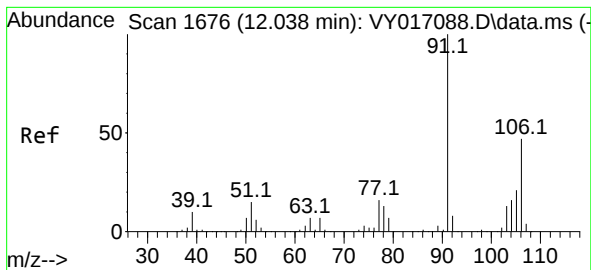
Tgt Ion:106 Resp: 21294

Ion Ratio Lower Upper

106 100

91 204.5 160.7 241.1





#69

o-Xylene

Concen: 4.342 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

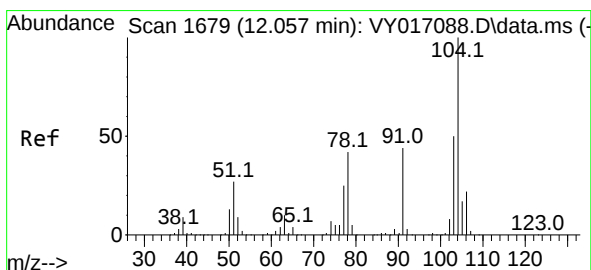
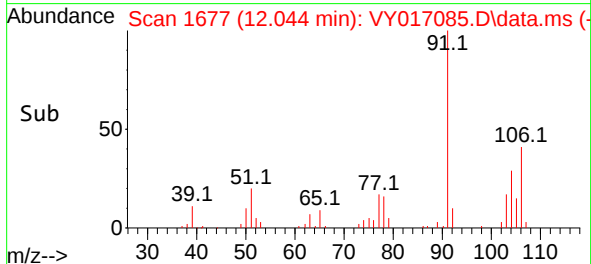
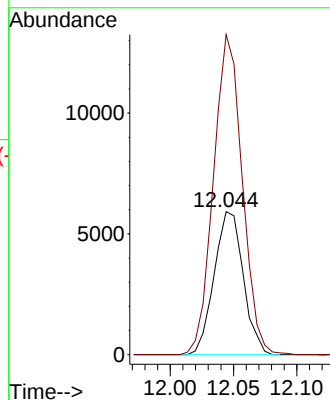
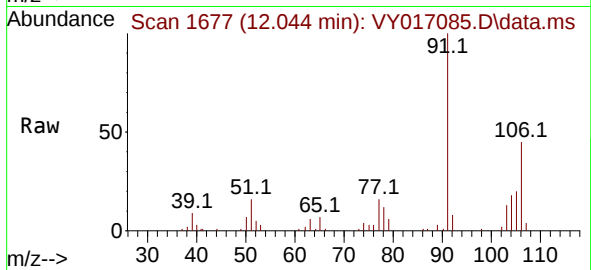
VSTDIC005

Tgt Ion:106 Resp: 9454

Ion Ratio Lower Upper

106 100

91 221.8 106.5 319.5



#70

Styrene

Concen: 4.184 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

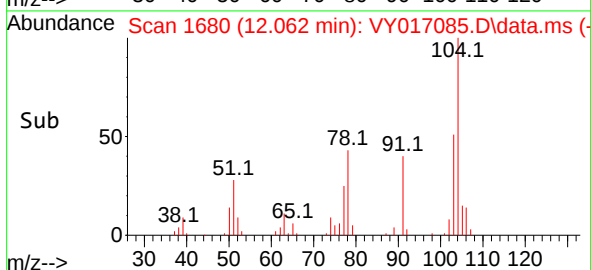
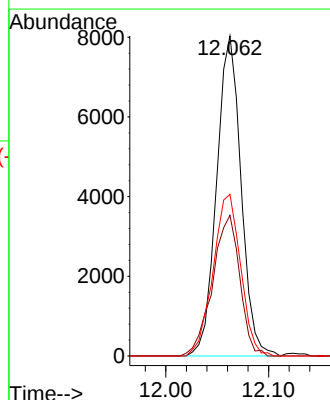
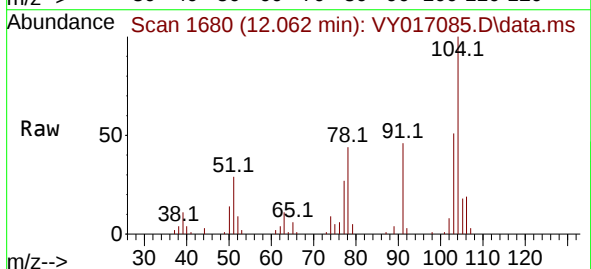
Tgt Ion:104 Resp: 13257

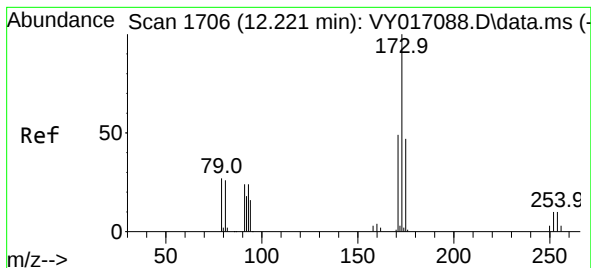
Ion Ratio Lower Upper

104 100

78 49.0 39.2 58.8

103 56.8 43.8 65.6





#71

Bromoform

Concen: 4.247 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

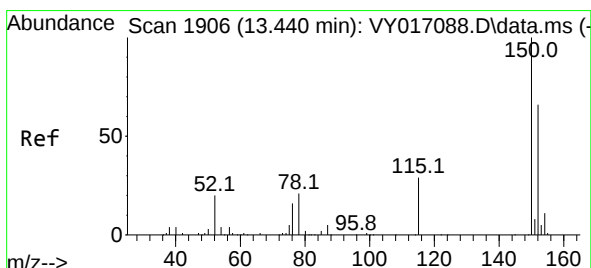
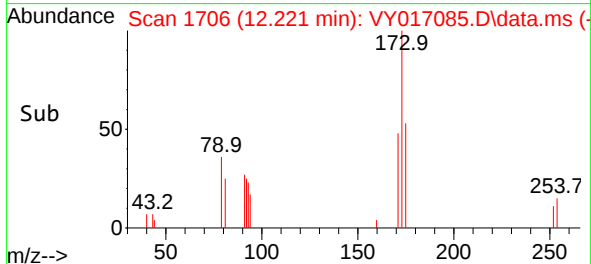
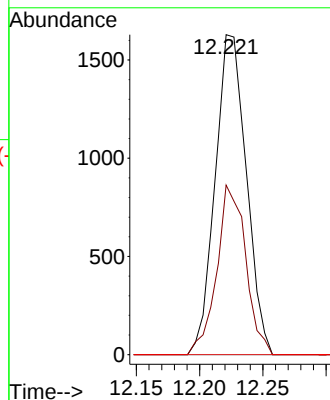
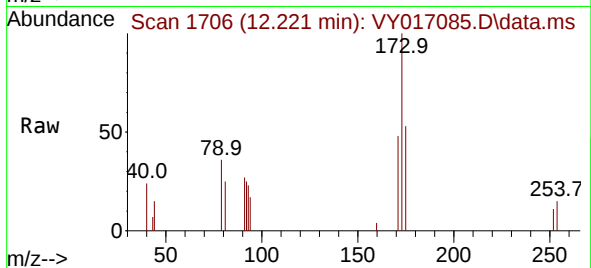
Tgt Ion:173 Resp: 2793

Ion Ratio Lower Upper

173 100

175 49.1 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: VY017085.D

Acq: 24 Jan 2024 10:41

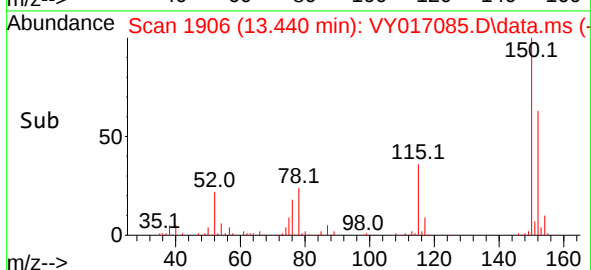
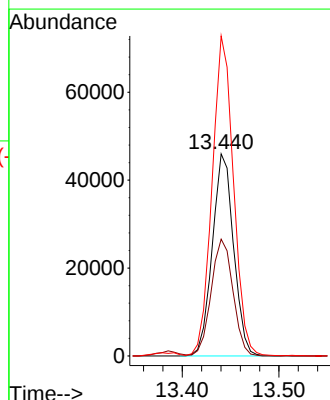
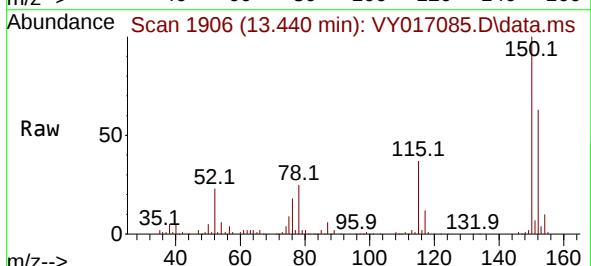
Tgt Ion:152 Resp: 70373

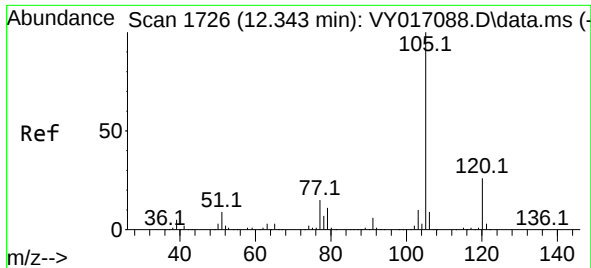
Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 158.0 0.0 344.6

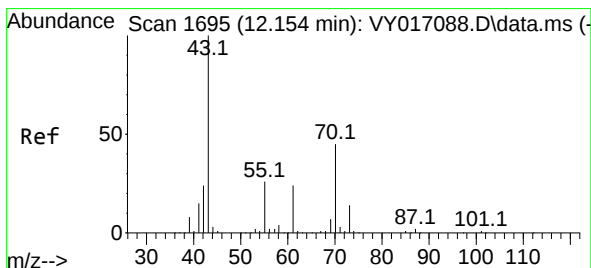
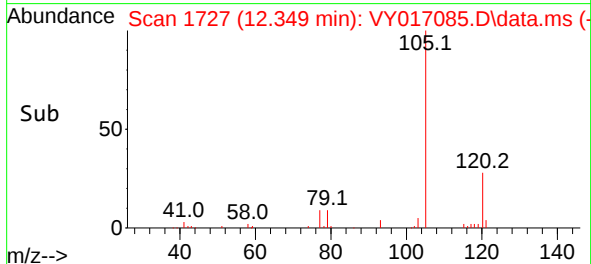
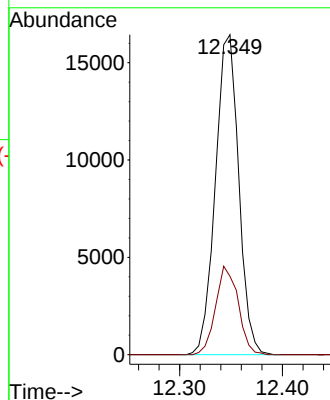
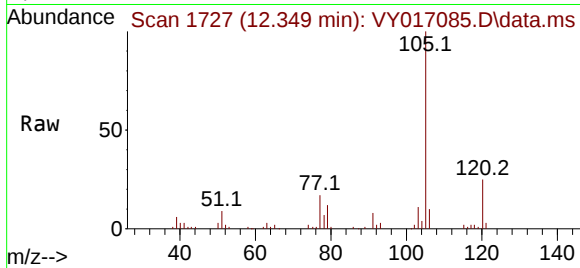




#73
Isopropylbenzene
Concen: 4.508 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.012 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

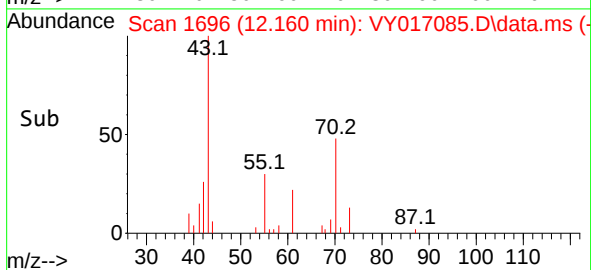
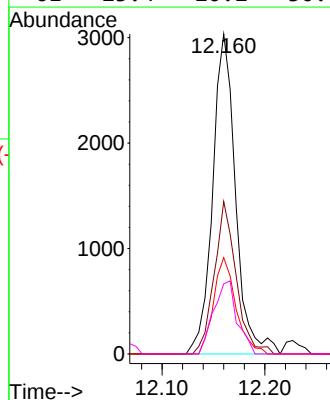
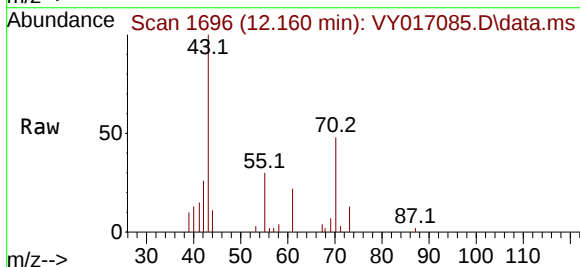
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

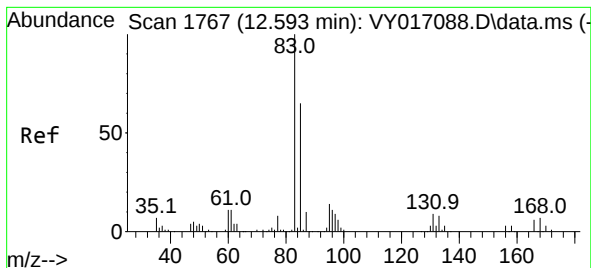
Tgt Ion:105 Resp: 25906
Ion Ratio Lower Upper
105 100
120 26.7 13.0 39.0



#74
N-ethyl acetate
Concen: 4.063 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 43 Resp: 4691
Ion Ratio Lower Upper
43 100
70 45.5 36.6 55.0
55 29.4 22.2 33.4
61 23.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 4.526 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

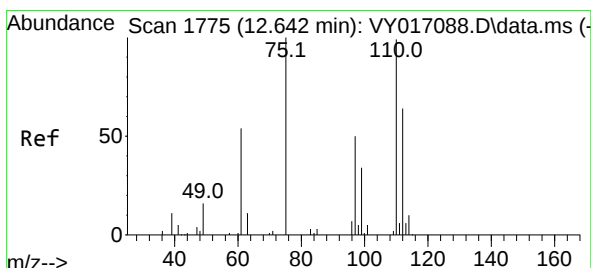
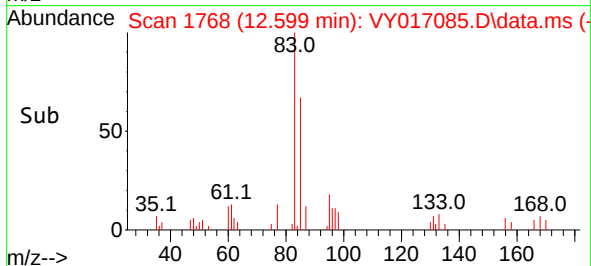
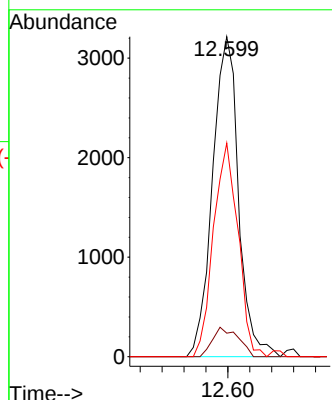
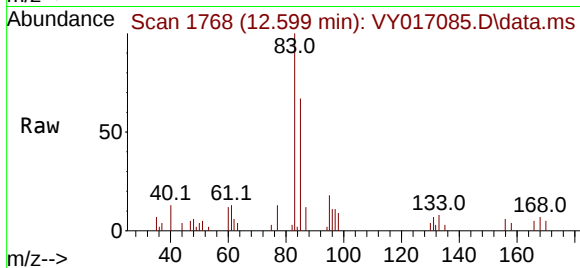
Tgt Ion: 83 Resp: 5299

Ion Ratio Lower Upper

83 100

131 9.1 4.9 14.6

85 63.0 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 8.066 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017085.D

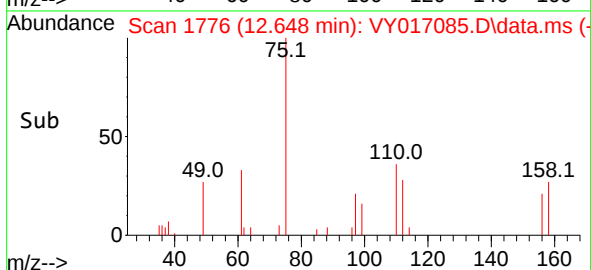
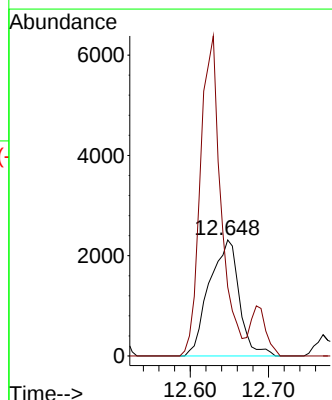
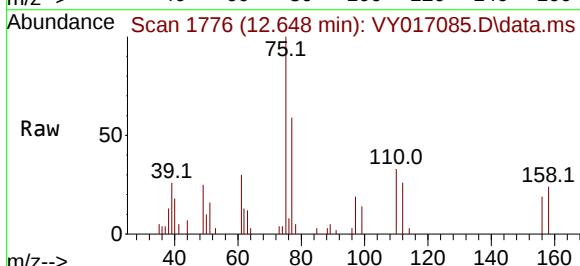
Acq: 24 Jan 2024 10:41

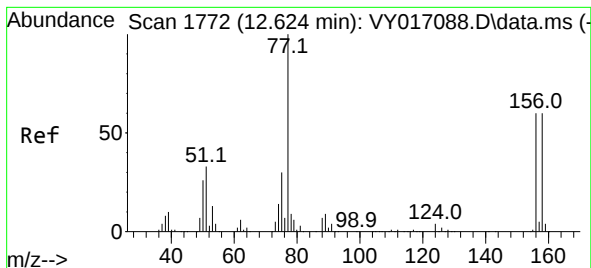
Tgt Ion: 75 Resp: 6160

Ion Ratio Lower Upper

75 100

77 189.4 0.0 0.0#





#77

Bromobenzene

Concen: 4.819 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

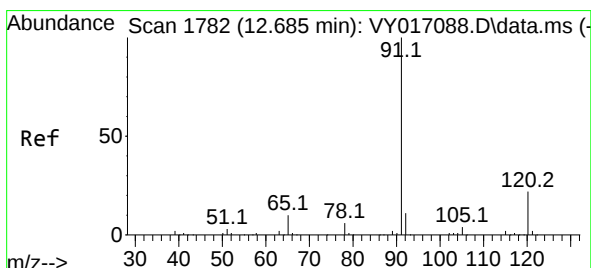
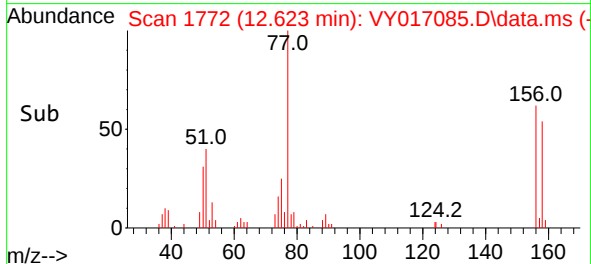
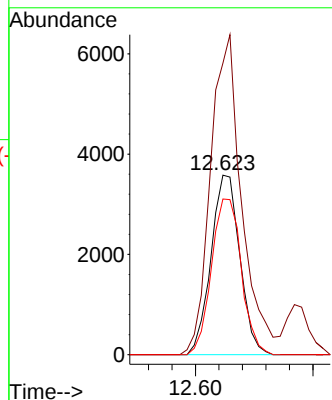
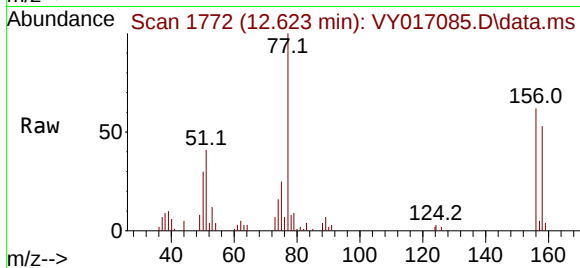
Tgt Ion:156 Resp: 6097

Ion Ratio Lower Upper

156 100

77 191.4 97.3 291.8

158 90.0 48.4 145.0



#78

n-propylbenzene

Concen: 4.601 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY017085.D

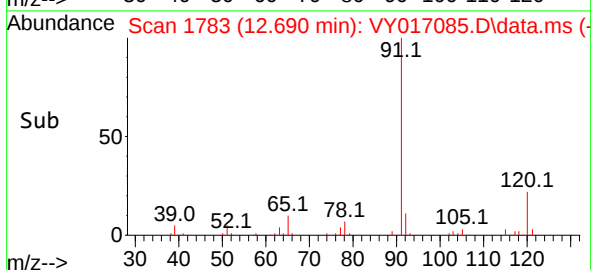
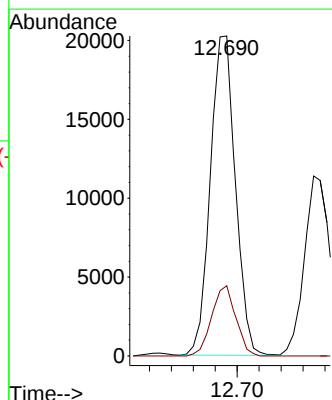
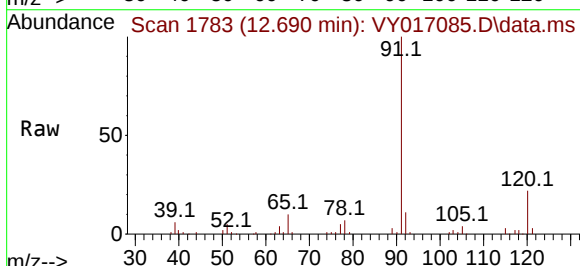
Acq: 24 Jan 2024 10:41

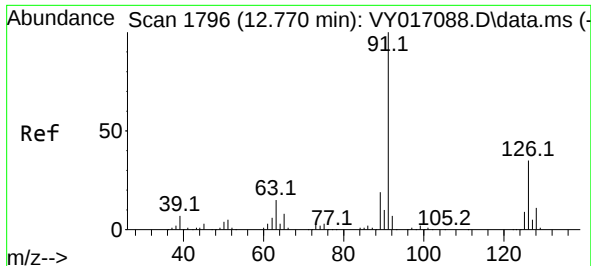
Tgt Ion: 91 Resp: 32143

Ion Ratio Lower Upper

91 100

120 21.2 11.0 33.0





#79

2-Chlorotoluene

Concen: 4.737 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

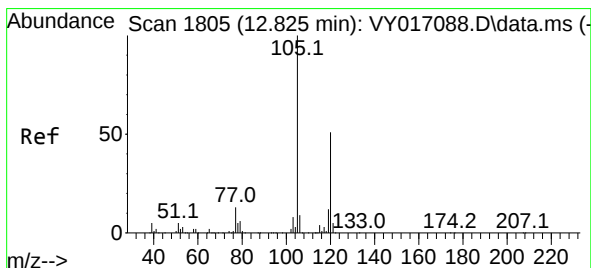
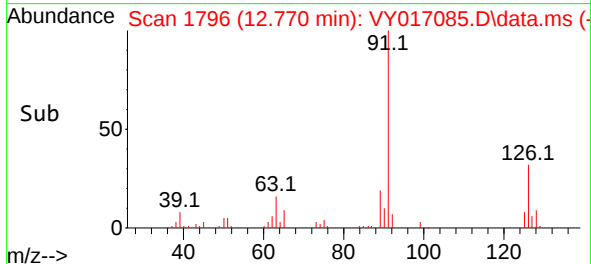
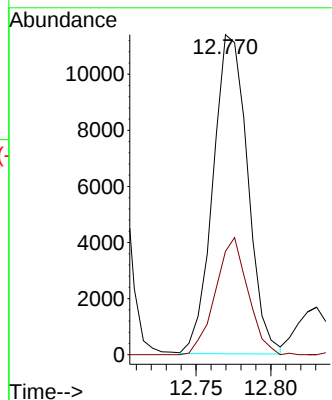
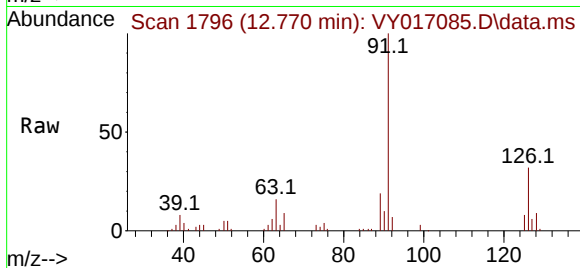
VSTDIC005

Tgt Ion: 91 Resp: 18351

Ion Ratio Lower Upper

91 100

126 34.4 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 4.439 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.007 min

Lab File: VY017085.D

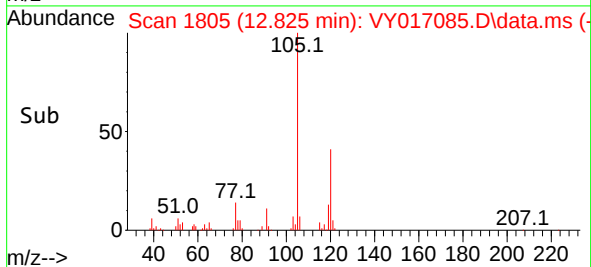
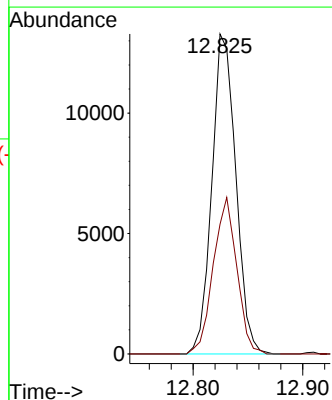
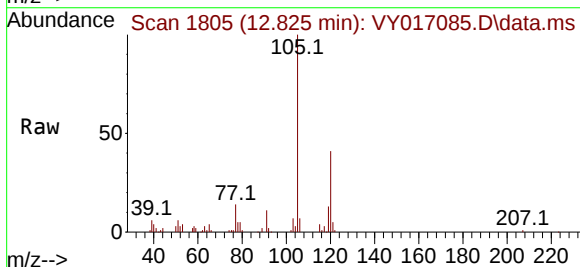
Acq: 24 Jan 2024 10:41

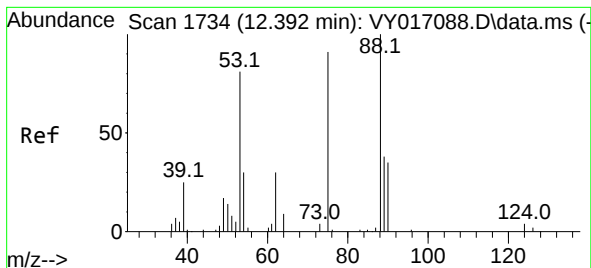
Tgt Ion: 105 Resp: 20174

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8

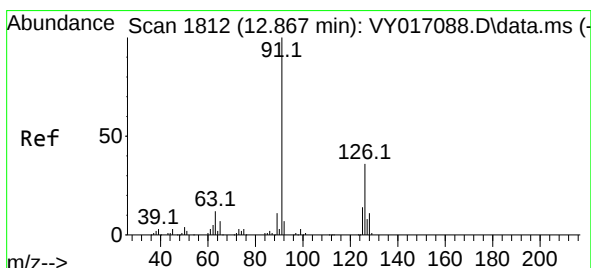
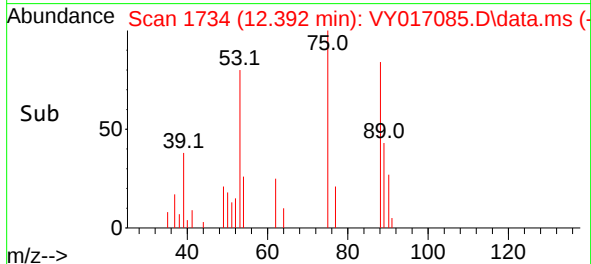
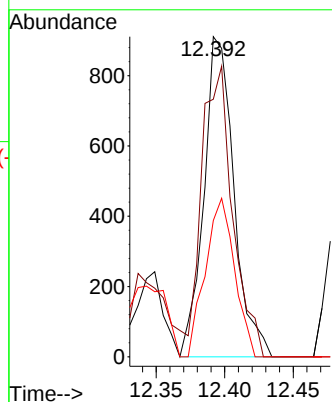
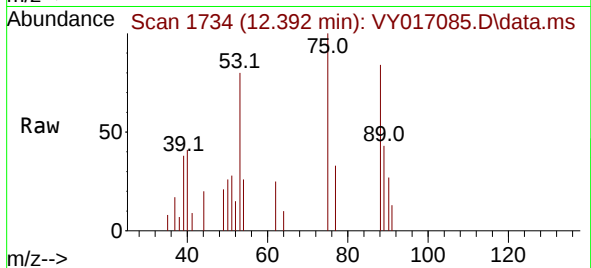




#81
trans-1,4-Dichloro-2-butene
Concen: 4.136 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

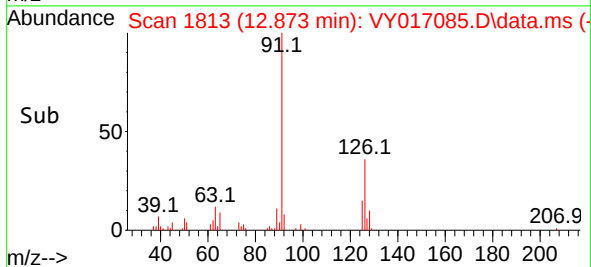
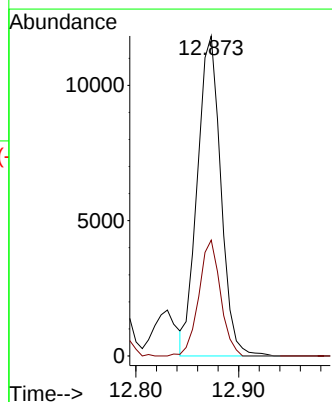
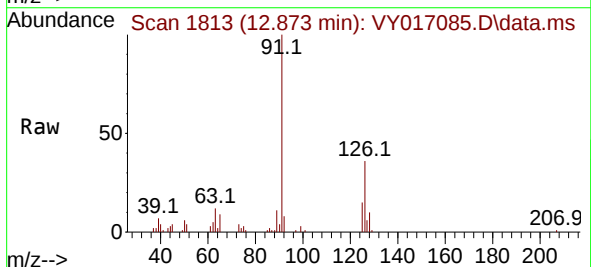
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

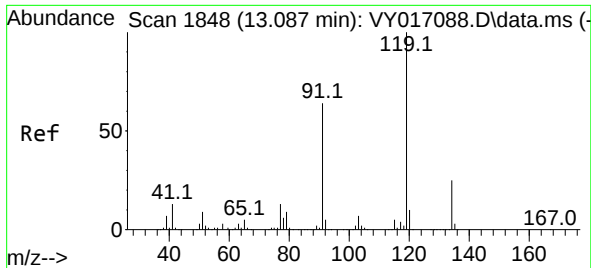
Tgt Ion: 75 Resp: 1391
Ion Ratio Lower Upper
75 100
53 92.3 74.0 111.0
89 48.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 4.753 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion: 91 Resp: 18810
Ion Ratio Lower Upper
91 100
126 33.4 17.1 51.2

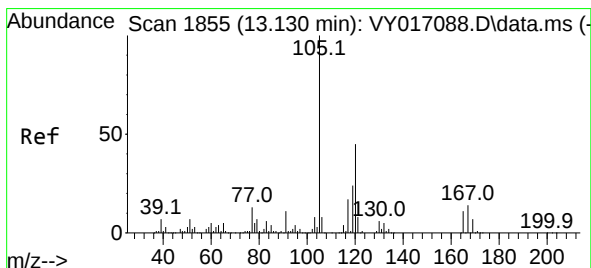
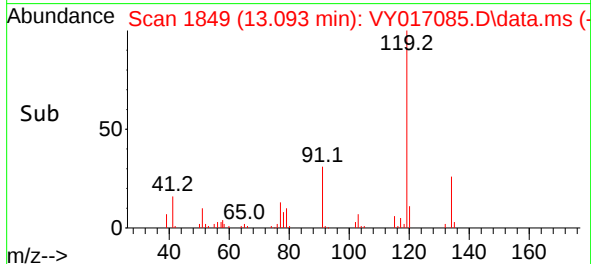
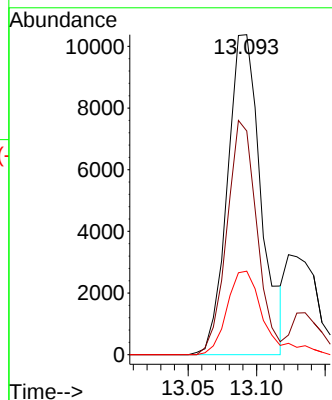
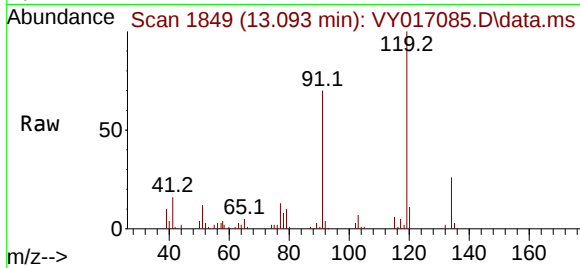




#83
tert-Butylbenzene
Concen: 4.423 ug/l
RT: 13.093 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

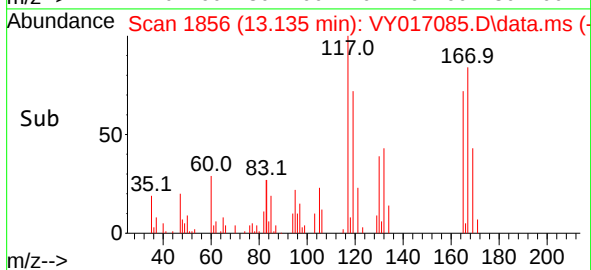
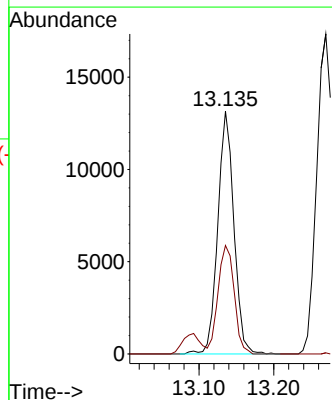
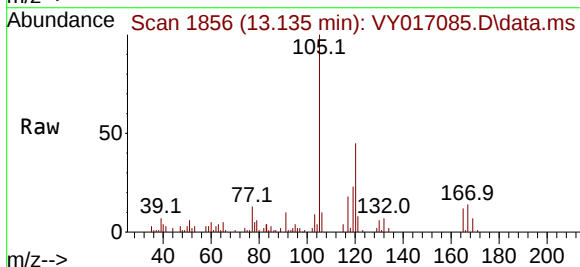
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

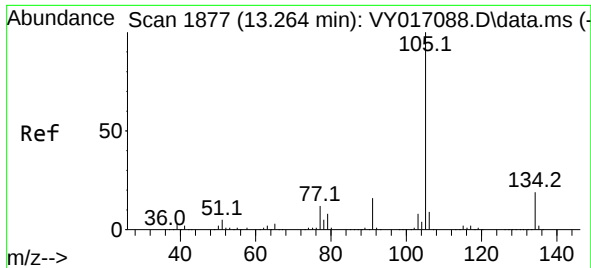
Tgt Ion:119 Resp: 17704
Ion Ratio Lower Upper
119 100
91 65.6 31.5 94.5
134 28.6 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 4.400 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion:105 Resp: 19696
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.3

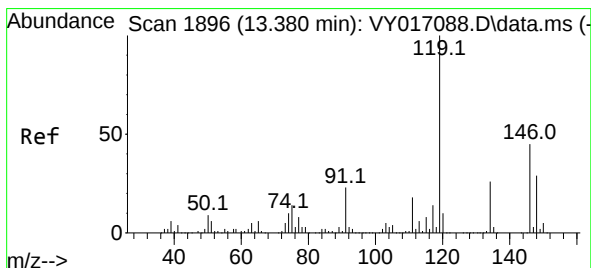
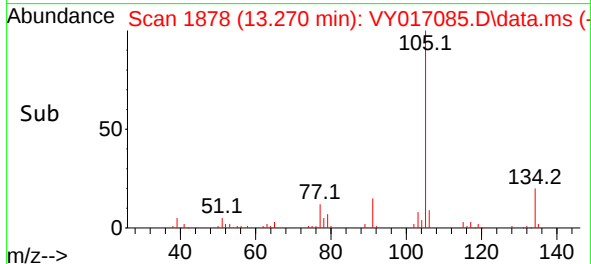
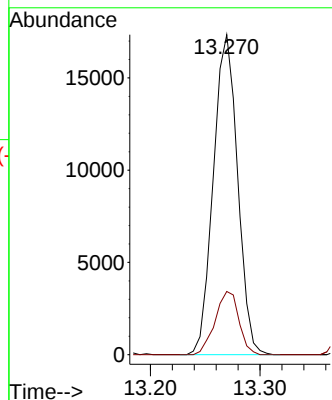
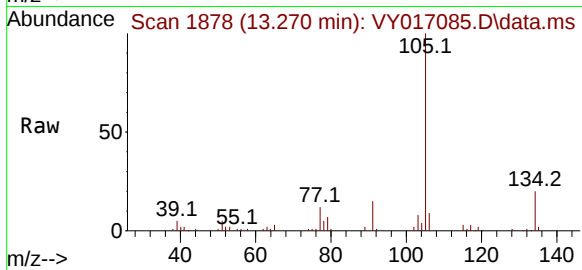




#85
 sec-Butylbenzene
 Concen: 4.502 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.007 min
 Lab File: VY017085.D
 Acq: 24 Jan 2024 10:41

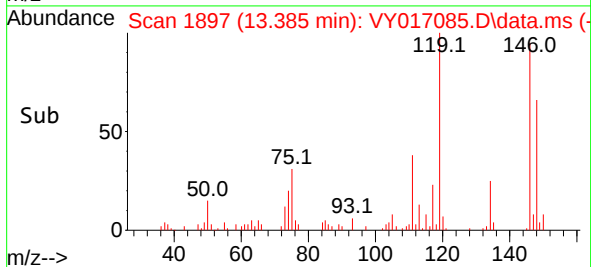
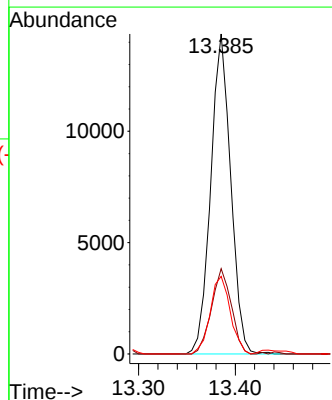
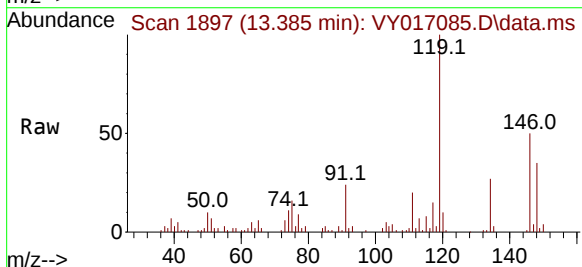
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

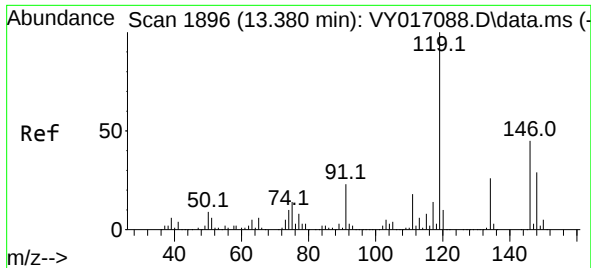
Tgt Ion:105 Resp: 26705
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 4.214 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY017085.D
 Acq: 24 Jan 2024 10:41

Tgt Ion:119 Resp: 20631
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 24.5 11.7 35.0

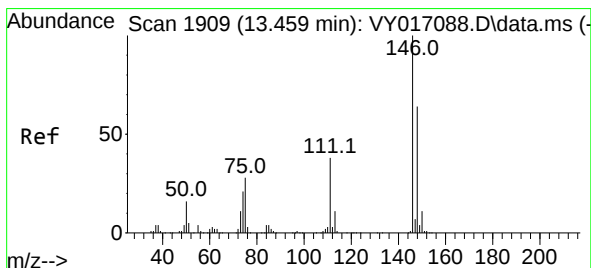
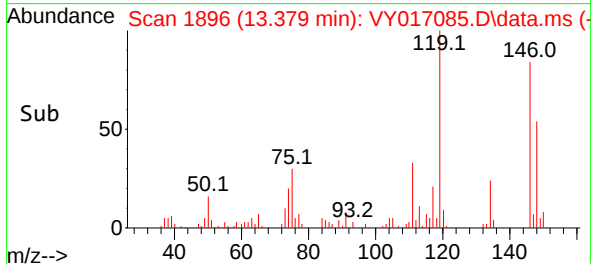
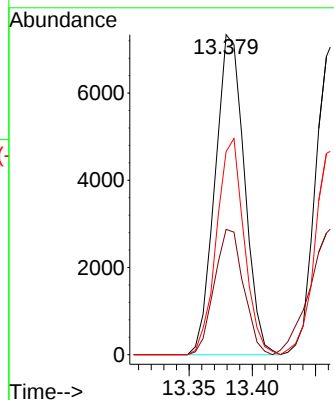
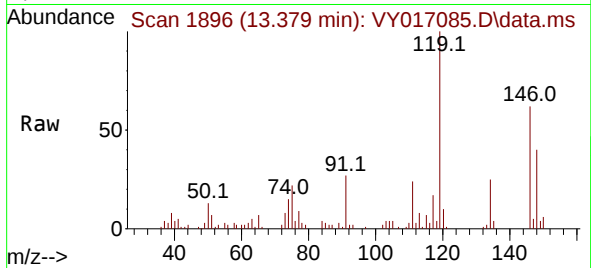




#87
 1,3-Dichlorobenzene
 Concen: 4.773 ug/l
 RT: 13.379 min Scan# 11844
 Delta R.T. 0.006 min
 Lab File: VY017085.D
 Acq: 24 Jan 2024 10:41

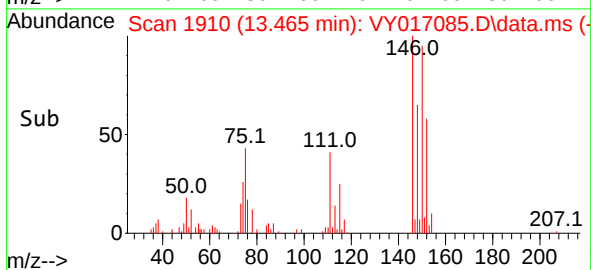
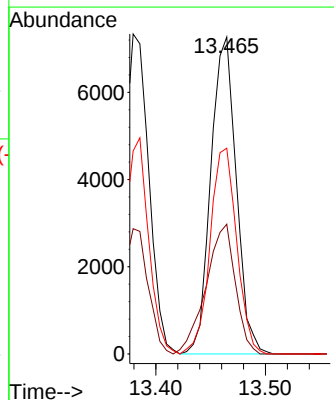
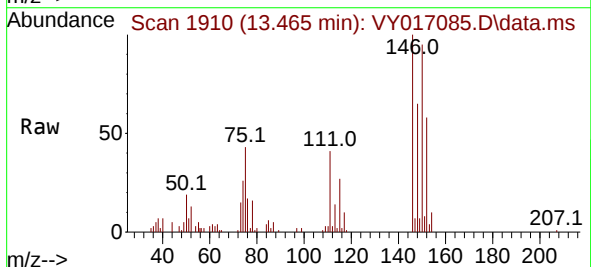
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

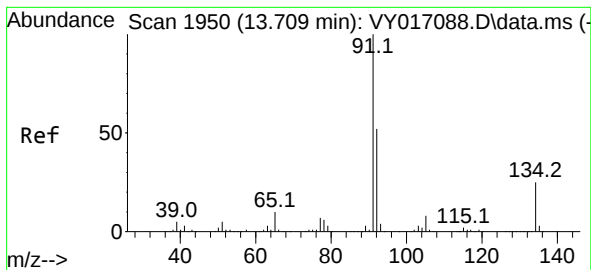
Tgt Ion:146	Resp:	11844	
Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.2	60.5
148	63.6	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 4.833 ug/l
 RT: 13.465 min Scan# 1910
 Delta R.T. 0.013 min
 Lab File: VY017085.D
 Acq: 24 Jan 2024 10:41

Tgt Ion:146	Resp:	11729	
Ion	Ratio	Lower	Upper
146	100		
111	47.2	19.3	57.9
148	67.9	31.6	94.7

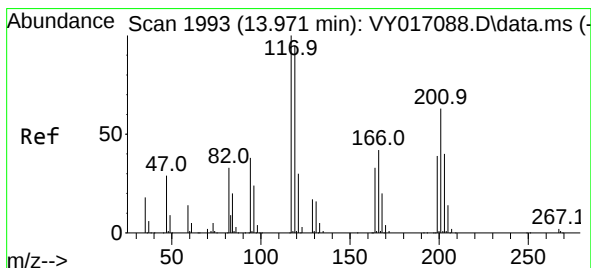
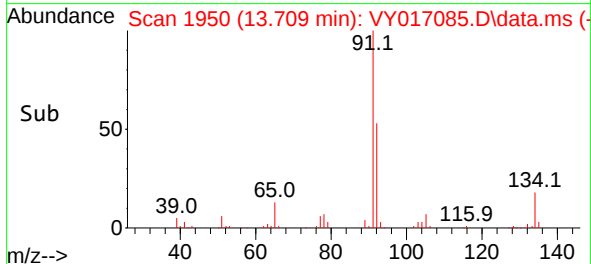
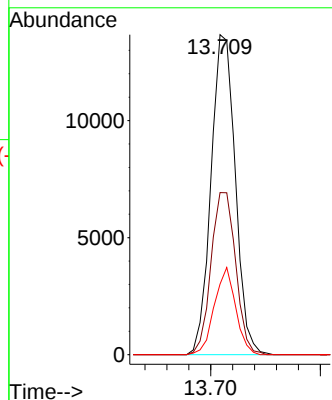
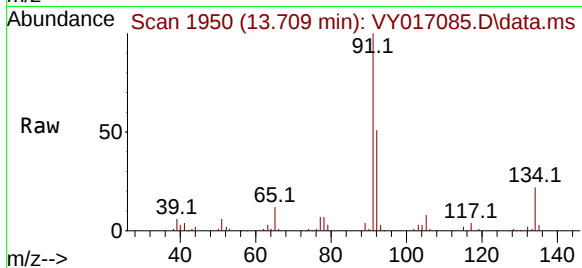




#89
n-Butylbenzene
Concen: 4.466 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. 0.007 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

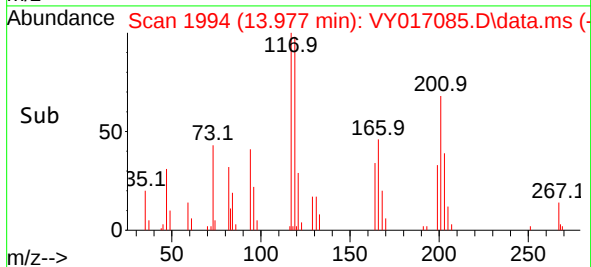
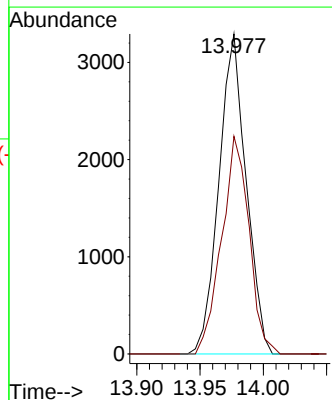
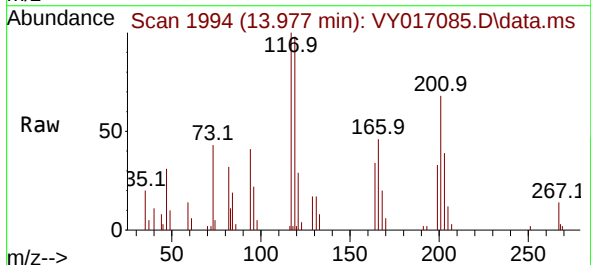
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

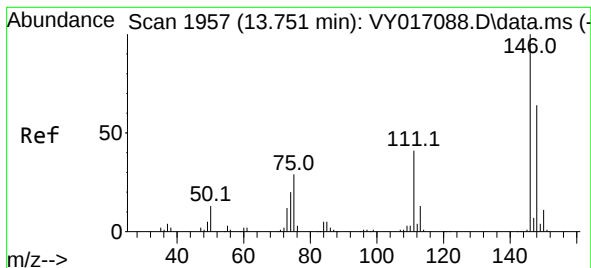
Tgt Ion:	91	Resp:	21019
Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.4	79.2
134	24.0	12.3	36.8



#90
Hexachloroethane
Concen: 4.685 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY017085.D
Acq: 24 Jan 2024 10:41

Tgt Ion:	117	Resp:	4928
Ion	Ratio	Lower	Upper
117	100		
201	68.5	33.4	100.1





#91

1,2-Dichlorobenzene

Concen: 4.643 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

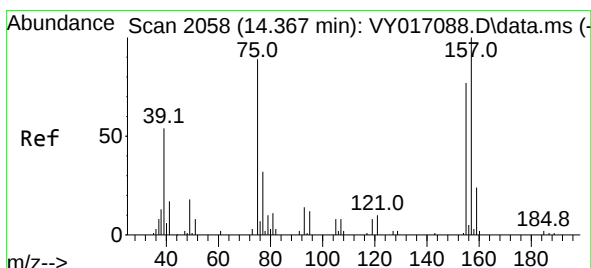
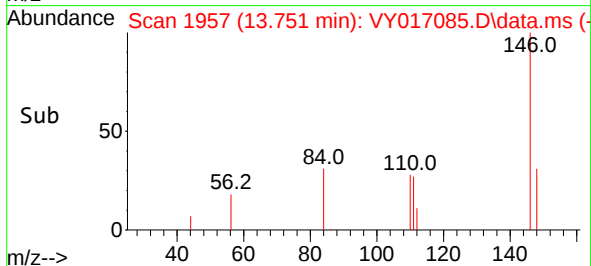
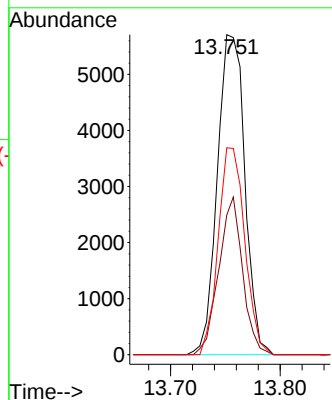
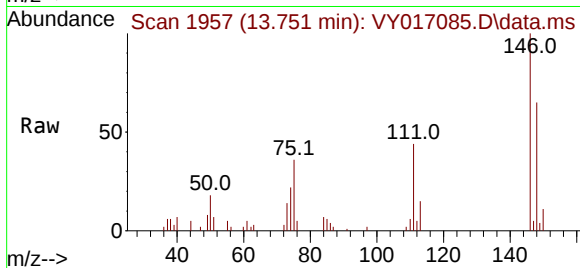
Tgt Ion:146 Resp: 9957

Ion Ratio Lower Upper

146 100

111 42.7 20.5 61.6

148 62.3 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.488 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

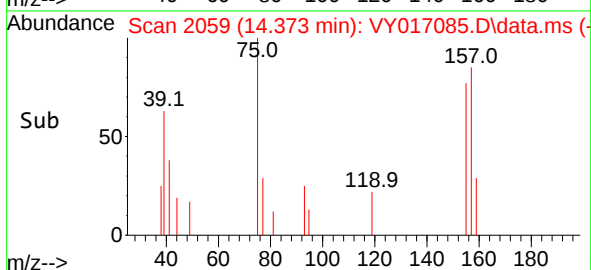
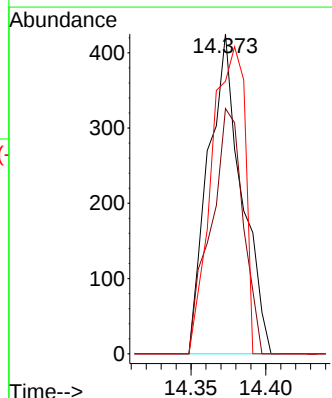
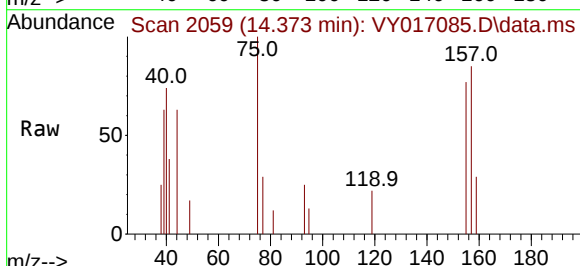
Tgt Ion: 75 Resp: 659

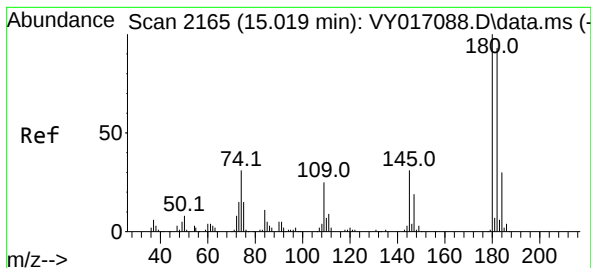
Ion Ratio Lower Upper

75 100

155 74.4 42.1 126.3

157 96.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 4.284 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

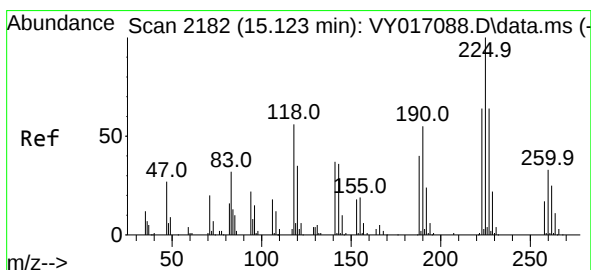
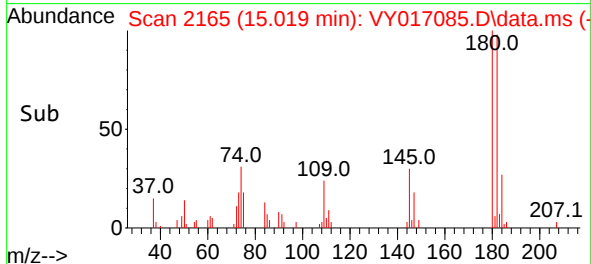
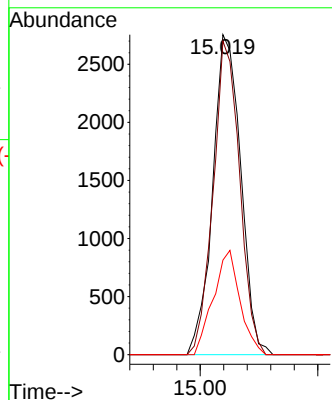
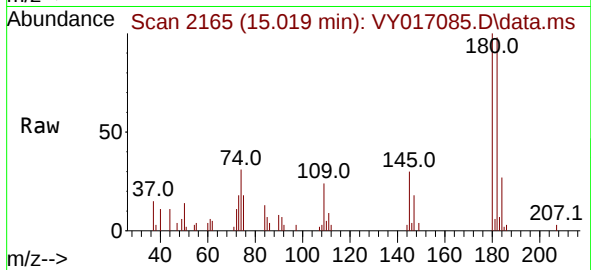
Tgt Ion:180 Resp: 4562

Ion Ratio Lower Upper

180 100

182 92.4 47.9 143.7

145 31.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 4.729 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

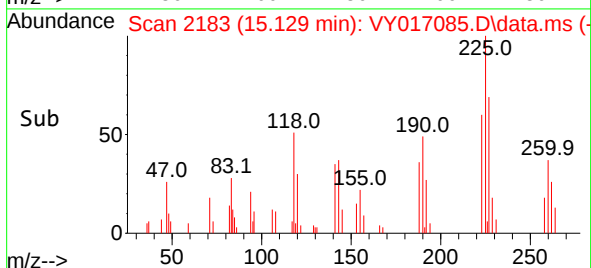
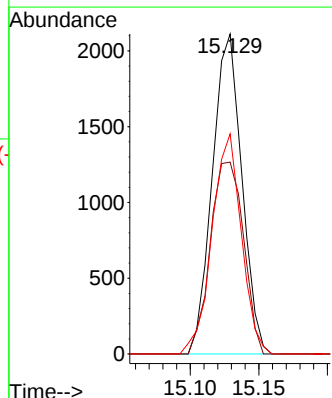
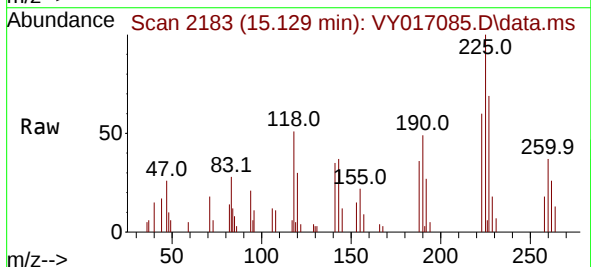
Tgt Ion:225 Resp: 3155

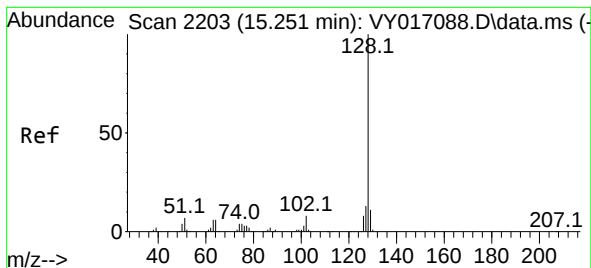
Ion Ratio Lower Upper

225 100

223 67.6 31.4 94.3

227 68.5 32.3 96.8





#95

Naphthalene

Concen: 3.581 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

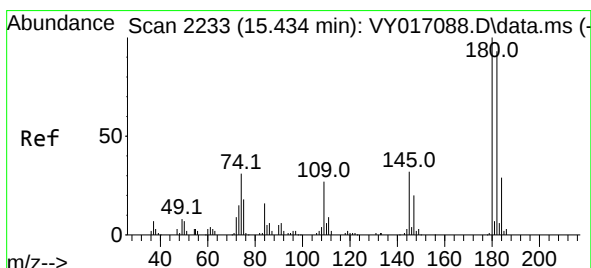
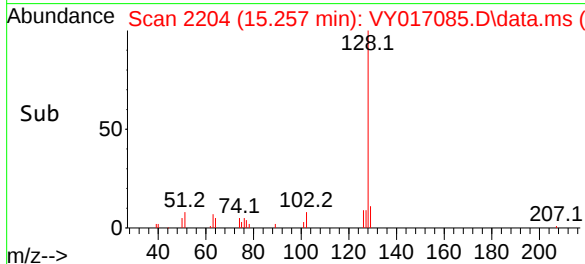
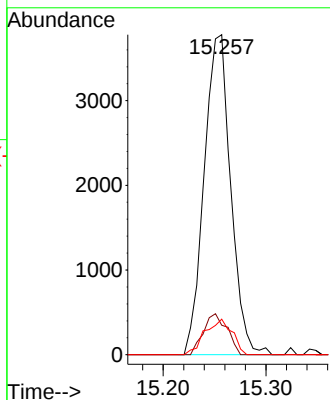
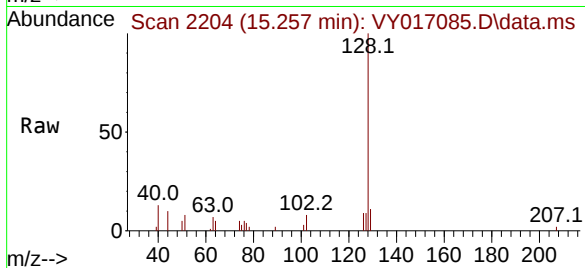
Tgt Ion:128 Resp: 6778

Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.4

129 11.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 3.957 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017085.D

Acq: 24 Jan 2024 10:41

Tgt Ion:180 Resp: 3578

Ion Ratio Lower Upper

180 100

182 93.0 46.3 138.8

145 30.6 16.1 48.2

