

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017095.D
 Acq On : 24 Jan 2024 17:31
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 25 04:06:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:06:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	120286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	210436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	180730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	77775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	6741	5.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.160%#
35) Dibromofluoromethane	7.734	113	6584	5.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.140%#
50) Toluene-d8	10.197	98	24862	5.010	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.020%#
62) 4-Bromofluorobenzene	12.495	95	7979	5.190	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.380%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	6868	2.839	ug/l	97
3) Chloromethane	2.119	50	11162	4.243	ug/l	98
4) Vinyl Chloride	2.260	62	12378	3.133	ug/l	98
5) Bromomethane	2.668	94	9289	4.210	ug/l	92
6) Chloroethane	2.808	64	7743	6.129	ug/l	95
7) Trichlorofluoromethane	3.144	101	13143	6.164	ug/l	94
8) Diethyl Ether	3.552	74	3901	5.806	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.918	101	7803	5.984	ug/l	98
10) Methyl Iodide	4.107	142	6850	5.285	ug/l	96
11) Tert butyl alcohol	4.985	59	3098	32.648	ug/l #	84
12) 1,1-Dichloroethene	3.893	96	6983	5.830	ug/l	97
13) Acrolein	3.747	56	4111	29.783	ug/l	96
14) Allyl chloride	4.509	41	9852	5.458	ug/l	97
15) Acrylonitrile	5.192	53	8765	30.012	ug/l	98
16) Acetone	3.967	43	12863	21.308	ug/l	97
17) Carbon Disulfide	4.223	76	20831	5.752	ug/l #	94
18) Methyl Acetate	4.503	43	6763	5.795	ug/l	97
19) Methyl tert-butyl Ether	5.247	73	16443	5.666	ug/l	96
20) Methylene Chloride	4.735	84	15691	2.875	ug/l	91
21) trans-1,2-Dichloroethene	5.241	96	7818	5.578	ug/l	94
22) Diisopropyl ether	6.143	45	21036	5.266	ug/l	96
23) Vinyl Acetate	6.082	43	52226	27.212	ug/l	98
24) 1,1-Dichloroethane	6.039	63	13975	5.722	ug/l	98
25) 2-Butanone	7.015	43	14462	29.576	ug/l	94
26) 2,2-Dichloropropane	7.003	77	11895	5.701	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	8324	5.384	ug/l	92
28) Bromochloromethane	7.356	49	6164	5.971	ug/l	99
29) Tetrahydrofuran	7.374	42	6380	27.714	ug/l	100
30) Chloroform	7.527	83	13927	5.619	ug/l	96
31) Cyclohexane	7.807	56	14440	6.366	ug/l #	83
32) 1,1,1-Trichloroethane	7.722	97	11916	5.573	ug/l	98
36) 1,1-Dichloropropene	7.941	75	11190	5.483	ug/l	99
37) Ethyl Acetate	7.094	43	4537	5.307	ug/l	98
38) Carbon Tetrachloride	7.917	117	10696	5.395	ug/l	97
39) Methylcyclohexane	9.203	83	13273	5.382	ug/l	93
40) Benzene	8.179	78	31689	5.368	ug/l	98

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 Data File : VY017095.D
 Acq On : 24 Jan 2024 17:31
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 25 04:06:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:06:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.368	41	6150	13.898	ug/l #	35
42) 1,2-Dichloroethane	8.258	62	8396	5.528	ug/l	100
43) Isopropyl Acetate	8.289	43	8812	5.465	ug/l	99
44) Trichloroethene	8.960	130	8223	5.399	ug/l	93
45) 1,2-Dichloropropane	9.234	63	7934	5.462	ug/l	100
46) Dibromomethane	9.325	93	4016	5.307	ug/l	95
47) Bromodichloromethane	9.514	83	10635	5.432	ug/l	93
48) Methyl methacrylate	9.307	41	4842	5.299	ug/l	96
49) 1,4-Dioxane	9.313	88	818	106.110	ug/l	91
51) 4-Methyl-2-Pentanone	10.087	43	23120	26.950	ug/l	99
52) Toluene	10.258	92	18875	5.239	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	9259	5.180	ug/l	95
54) cis-1,3-Dichloropropene	9.947	75	11647	5.278	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	5740	5.484	ug/l	95
56) Ethyl methacrylate	10.526	69	4539	4.844	ug/l	90
57) 1,3-Dichloropropane	10.801	76	9913	5.464	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	16490	24.111	ug/l	97
59) 2-Hexanone	10.843	43	19388	29.421	ug/l	97
60) Dibromochloromethane	11.002	129	6335	5.197	ug/l	98
61) 1,2-Dibromoethane	11.099	107	5109	5.307	ug/l	93
64) Tetrachloroethene	10.740	164	6743	5.507	ug/l	95
65) Chlorobenzene	11.532	112	19793	5.342	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.605	131	6616	4.905	ug/l	90
67) Ethyl Benzene	11.605	91	34077	5.034	ug/l	97
68) m/p-Xylenes	11.715	106	24857	9.841	ug/l	99
69) o-Xylene	12.044	106	11319	4.875	ug/l	98
70) Styrene	12.057	104	15638	4.642	ug/l	98
71) Bromoform	12.221	173	3495	5.194	ug/l #	87
73) Isopropylbenzene	12.343	105	31466	5.088	ug/l	99
74) N-amyl acetate	12.154	43	6346	5.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	6868	5.856	ug/l	95
76) 1,2,3-Trichloropropane	12.642	75	8092	8.084	ug/l #	100
77) Bromobenzene	12.624	156	7229	5.372	ug/l	99
78) n-propylbenzene	12.684	91	38650	5.139	ug/l	99
79) 2-Chlorotoluene	12.770	91	21697	5.283	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	24908	5.050	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	1730	5.113	ug/l	96
82) 4-Chlorotoluene	12.867	91	21937	5.191	ug/l	97
83) tert-Butylbenzene	13.087	119	21689	5.081	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	24139	4.964	ug/l	99
85) sec-Butylbenzene	13.264	105	33065	5.202	ug/l	100
86) p-Isopropyltoluene	13.379	119	26288	4.992	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	14222	5.345	ug/l	97
88) 1,4-Dichlorobenzene	13.459	146	14693	5.614	ug/l	93
89) n-Butylbenzene	13.709	91	26450	5.209	ug/l	98
90) Hexachloroethane	13.971	117	6185	5.611	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	12762	5.629	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1030	5.107	ug/l	84
93) 1,2,4-Trichlorobenzene	15.019	180	6691	5.604	ug/l	96
94) Hexachlorobutadiene	15.123	225	4063	5.733	ug/l	98
95) Naphthalene	15.251	128	11338	7.866	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	6067	6.081	ug/l	98

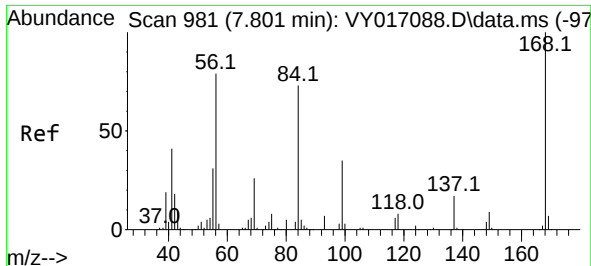
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
Data File : VY017095.D
Acq On : 24 Jan 2024 17:31
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jan 25 04:06:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:06:58 2024
Response via : Initial Calibration

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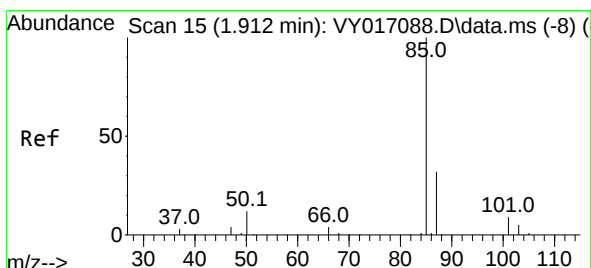
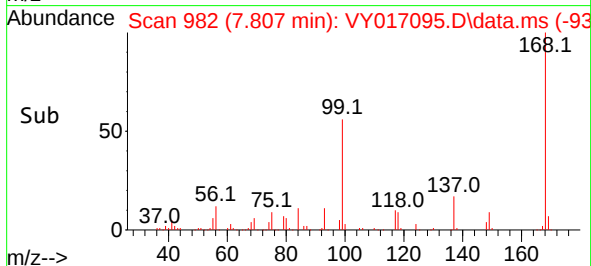
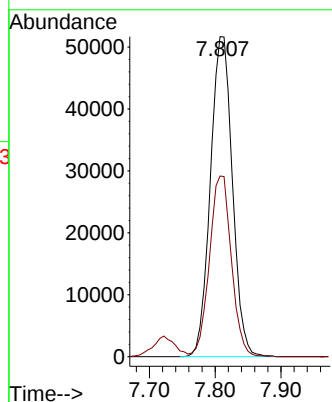
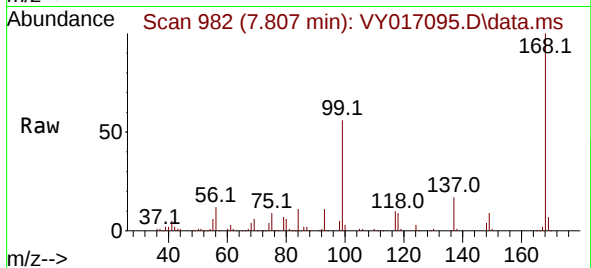
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

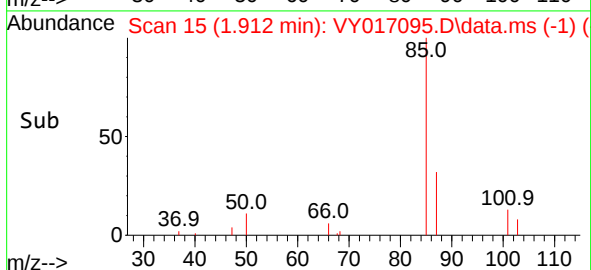
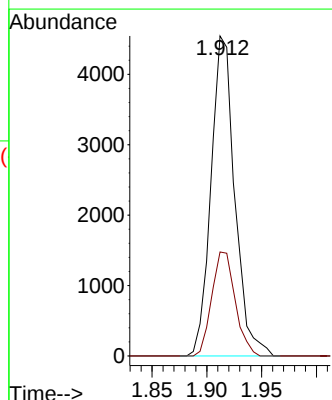
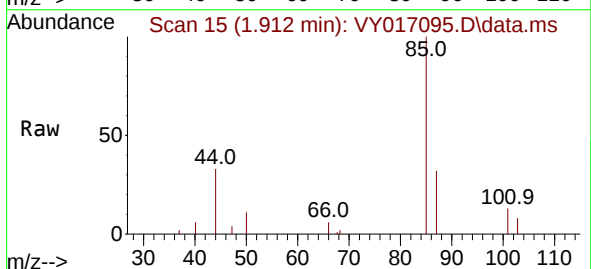
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

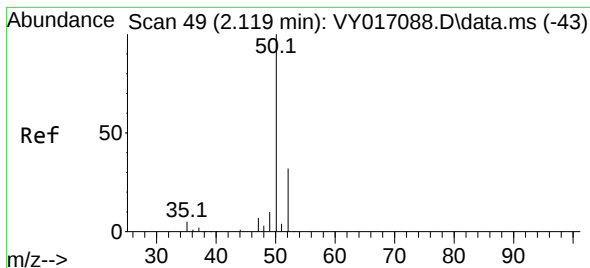
Tgt Ion:168 Resp: 120286
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 2.839 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 85 Resp: 6868
Ion Ratio Lower Upper
85 100
87 32.5 17.1 51.3





#3

Chloromethane

Concen: 4.243 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

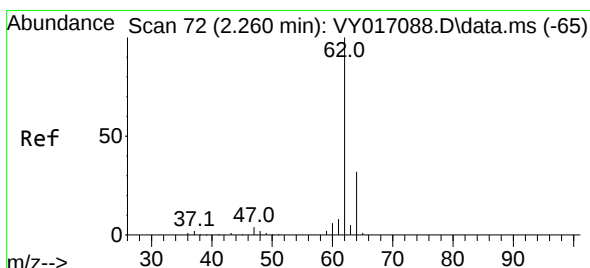
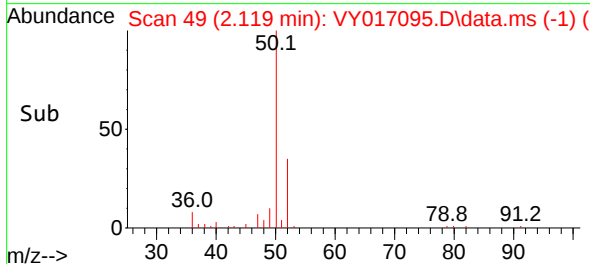
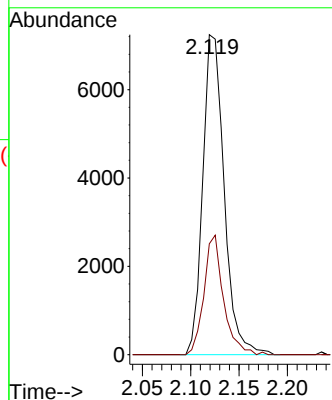
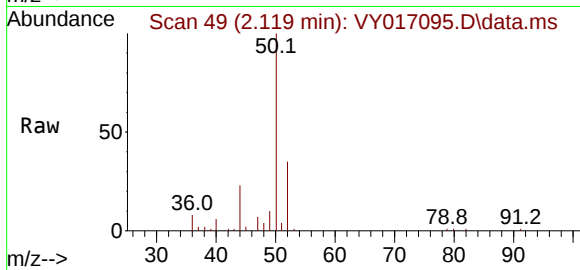
VSTDICC005

Tgt Ion: 50 Resp: 11162

Ion Ratio Lower Upper

50 100

52 34.6 26.7 40.1



#4

Vinyl Chloride

Concen: 3.133 ug/l

RT: 2.260 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY017095.D

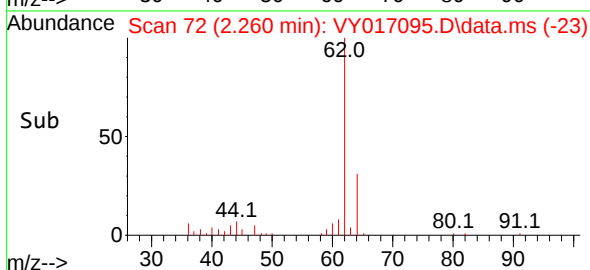
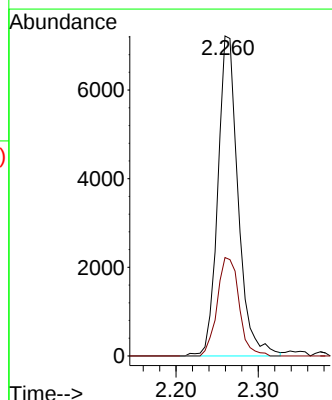
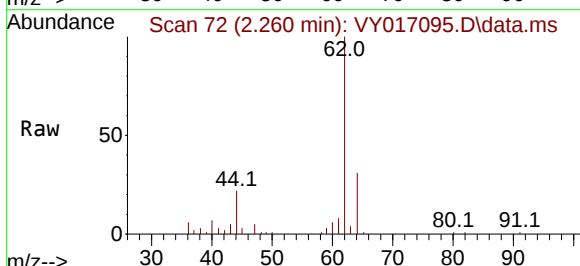
Acq: 24 Jan 2024 17:31

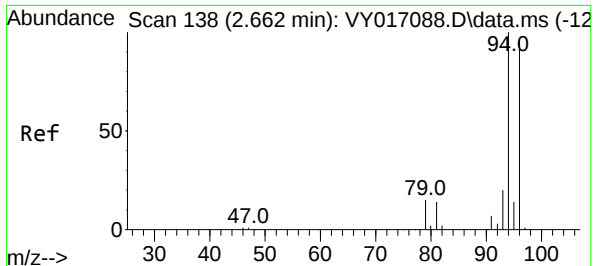
Tgt Ion: 62 Resp: 12378

Ion Ratio Lower Upper

62 100

64 30.8 25.7 38.5

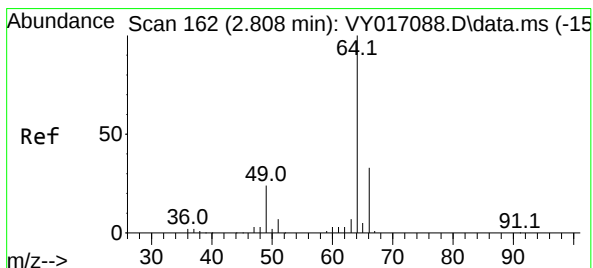
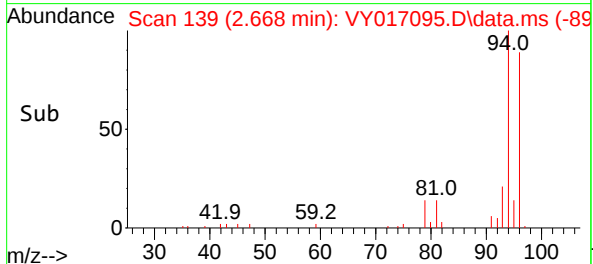
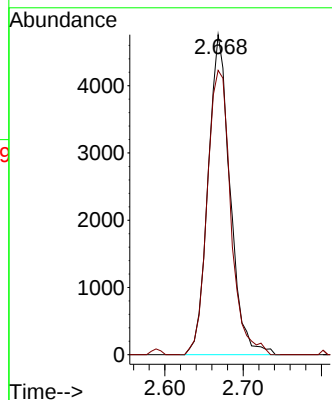
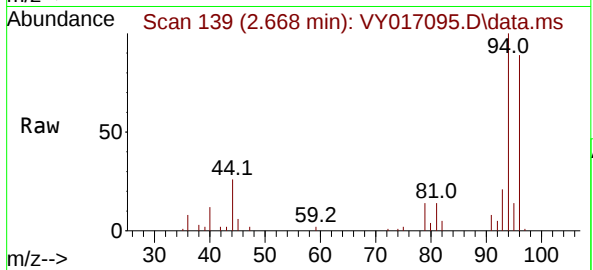




#5
Bromomethane
Concen: 4.210 ug/l
RT: 2.668 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

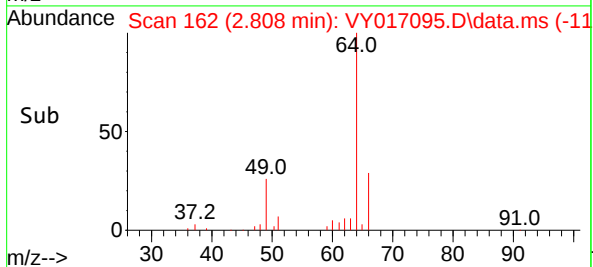
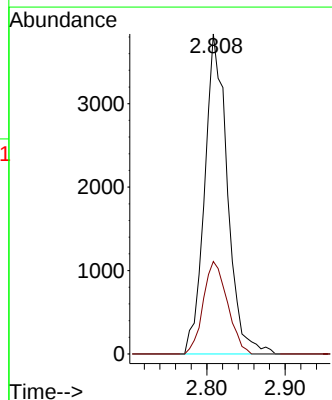
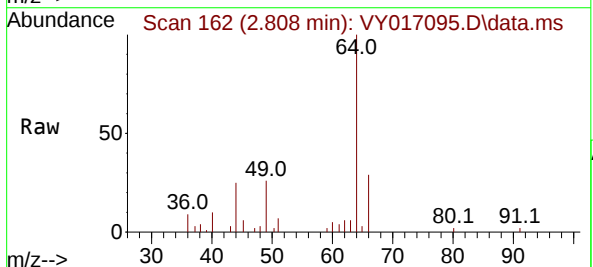
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

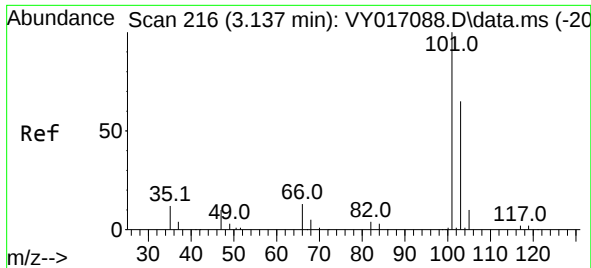
Tgt Ion: 94 Resp: 9289
Ion Ratio Lower Upper
94 100
96 88.8 77.3 115.9



#6
Chloroethane
Concen: 6.129 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 64 Resp: 7743
Ion Ratio Lower Upper
64 100
66 28.9 25.1 37.7

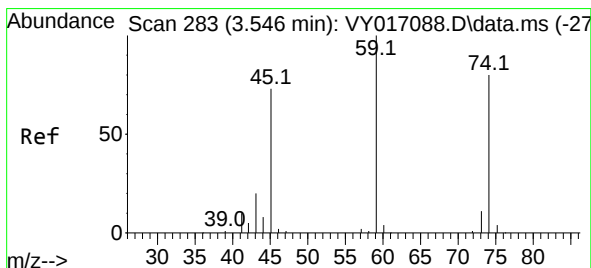
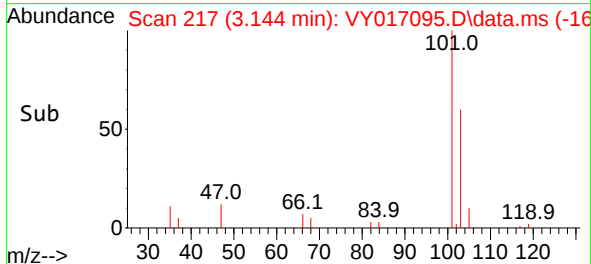
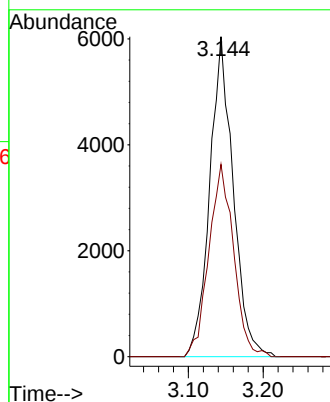
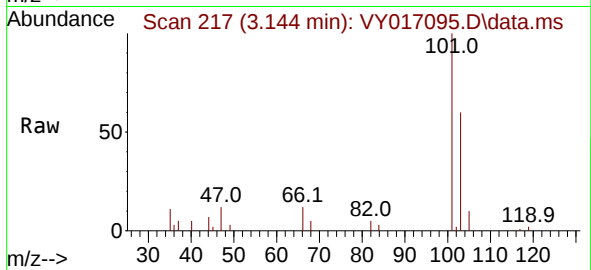




#7
Trichlorofluoromethane
Concen: 6.164 ug/l
RT: 3.144 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

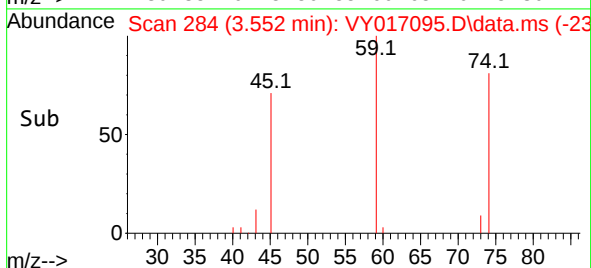
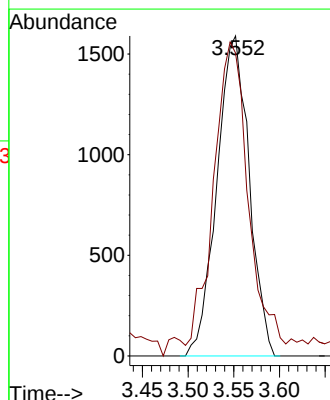
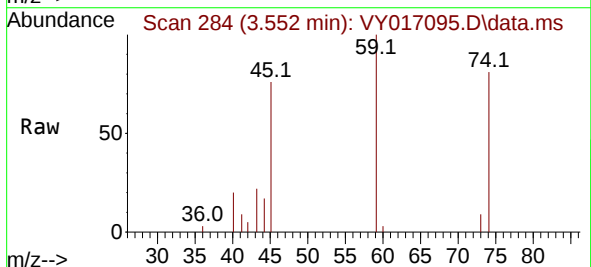
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

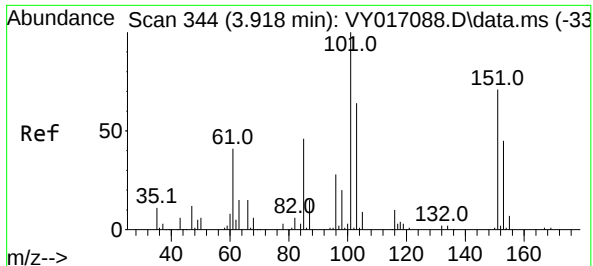
Tgt Ion:101 Resp: 13143
Ion Ratio Lower Upper
101 100
103 60.1 51.9 77.9



#8
Diethyl Ether
Concen: 5.806 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 74 Resp: 3901
Ion Ratio Lower Upper
74 100
45 102.5 47.9 143.7

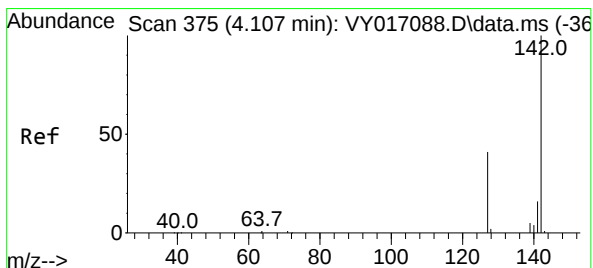
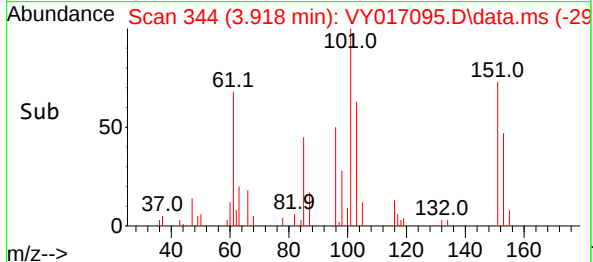
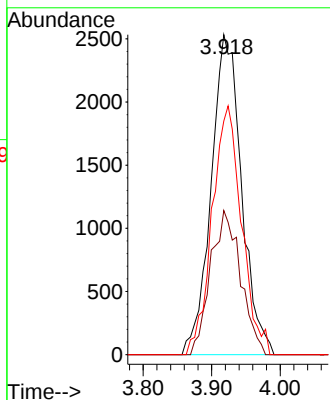
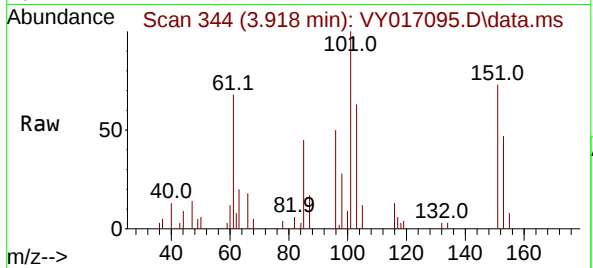




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.984 ug/l
RT: 3.918 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

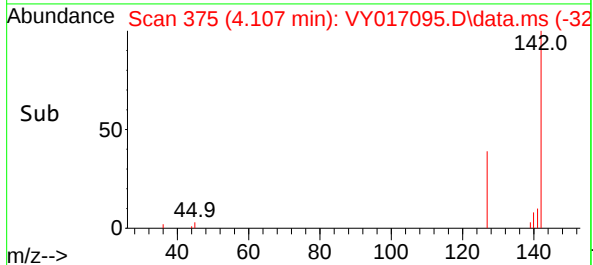
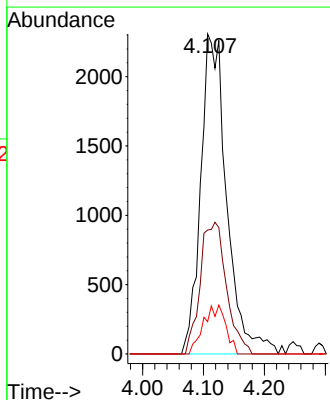
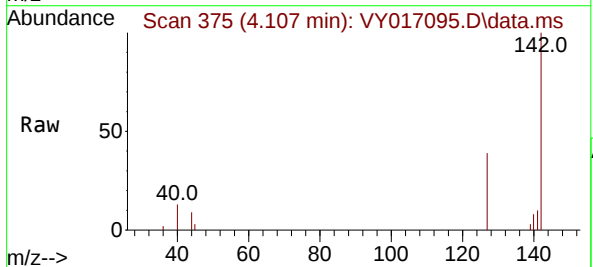
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

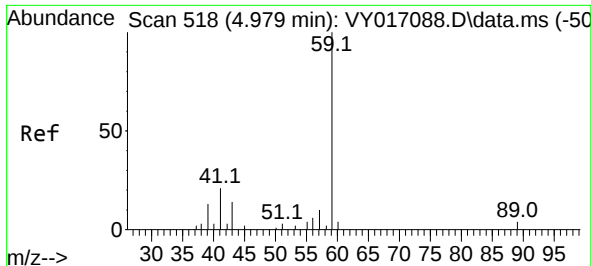
Tgt Ion:101 Resp: 7803
Ion Ratio Lower Upper
101 100
85 44.5 35.8 53.6
151 75.4 58.6 88.0



#10
Methyl Iodide
Concen: 5.285 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion:142 Resp: 6850
Ion Ratio Lower Upper
142 100
127 41.4 35.1 52.7
141 13.1 11.8 17.6





#11

Tert butyl alcohol

Concen: 32.648 ug/l

RT: 4.985 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

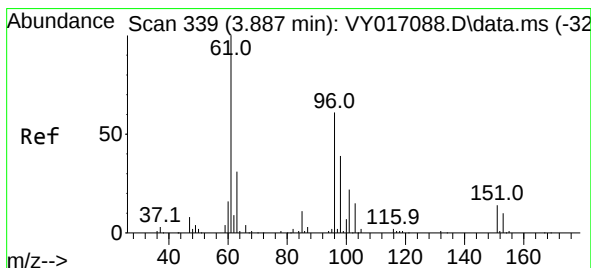
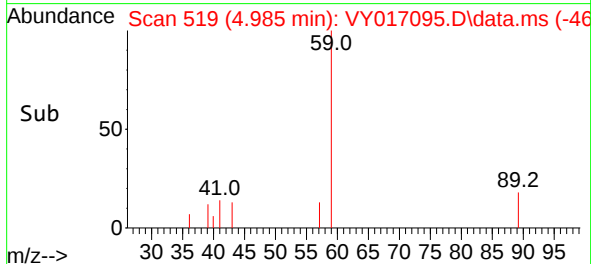
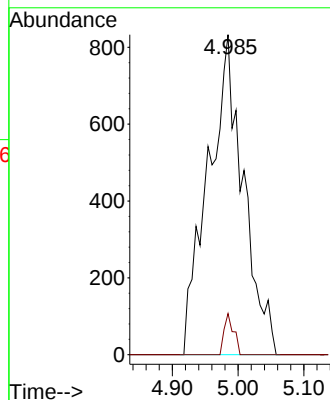
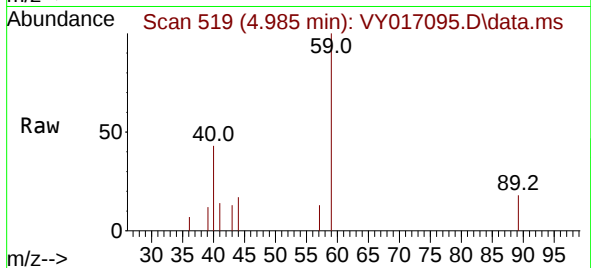
VSTDIC005

Tgt Ion: 59 Resp: 3098

Ion Ratio Lower Upper

59 100

57 3.5 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 5.830 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

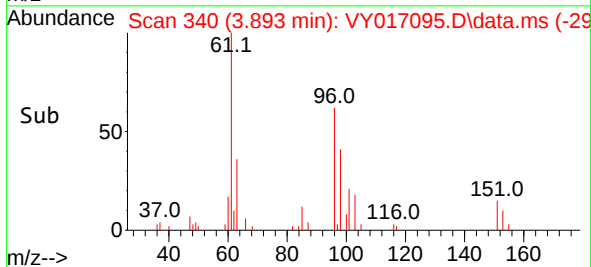
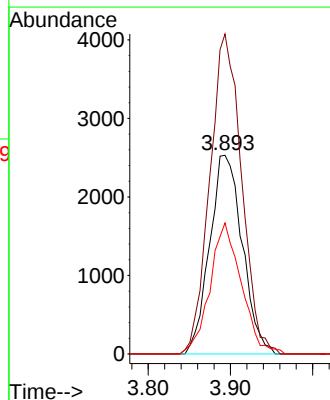
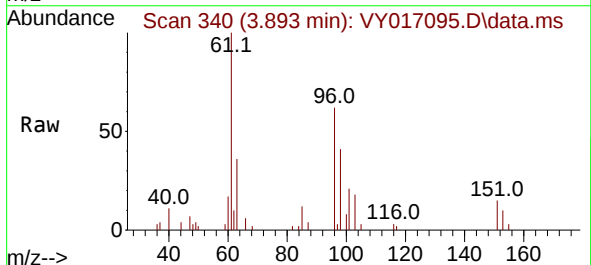
Tgt Ion: 96 Resp: 6983

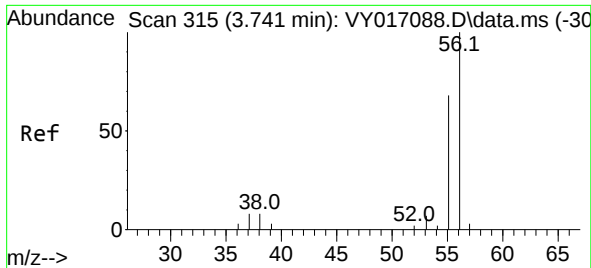
Ion Ratio Lower Upper

96 100

61 161.0 124.2 186.2

98 65.9 52.6 79.0





#13

Acrolein

Concen: 29.783 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

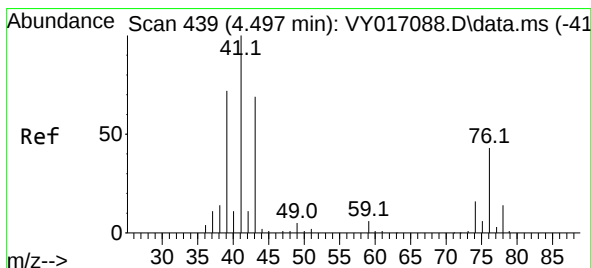
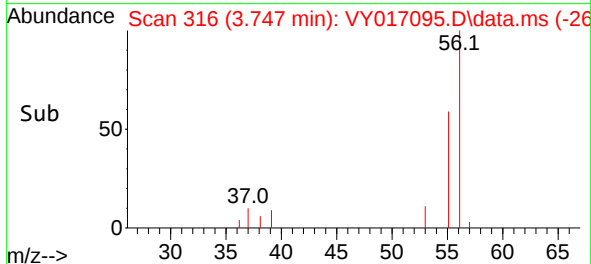
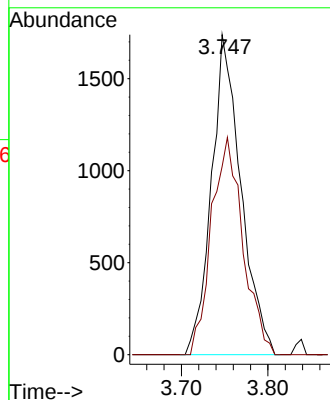
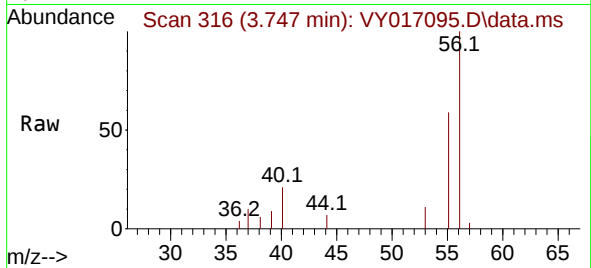
VSTDIC005

Tgt Ion: 56 Resp: 4111

Ion Ratio Lower Upper

56 100

55 72.4 55.4 83.0



#14

Allyl chloride

Concen: 5.458 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

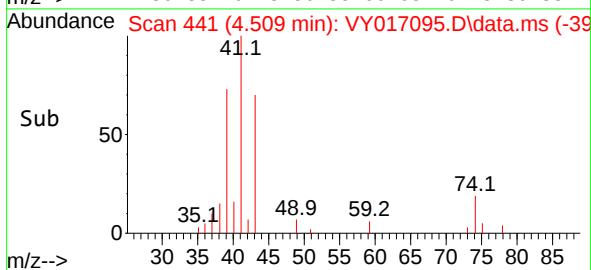
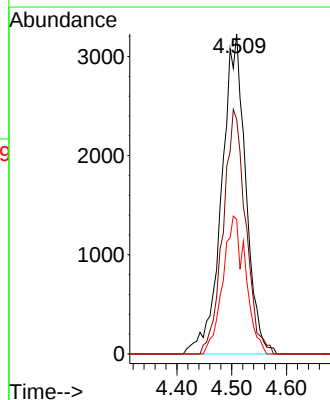
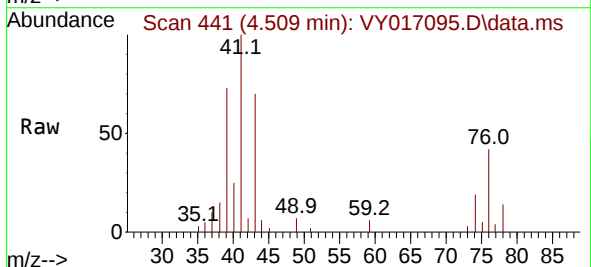
Tgt Ion: 41 Resp: 9852

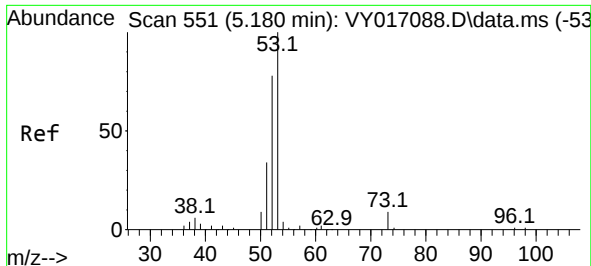
Ion Ratio Lower Upper

41 100

39 71.7 54.7 82.1

76 40.9 31.8 47.6

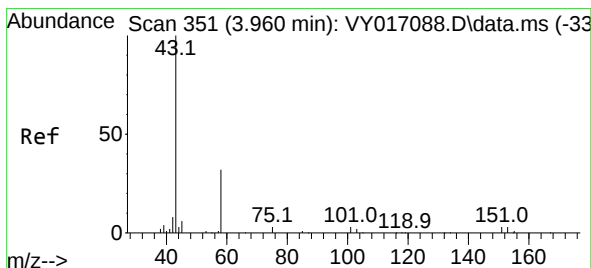
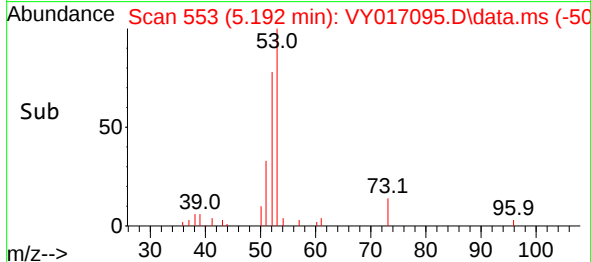
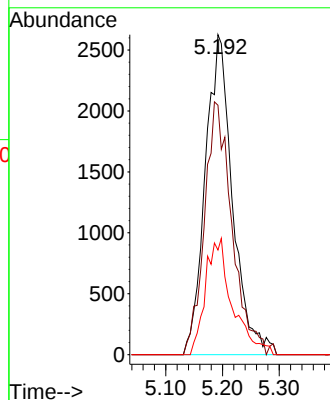
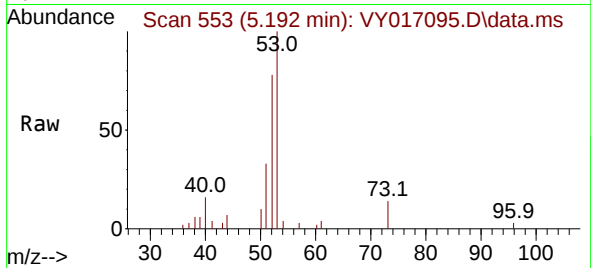




#15
Acrylonitrile
Concen: 30.012 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

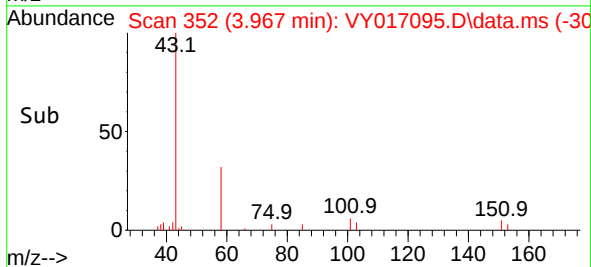
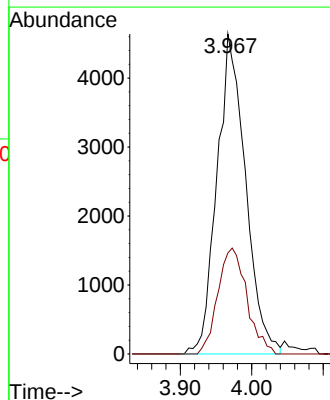
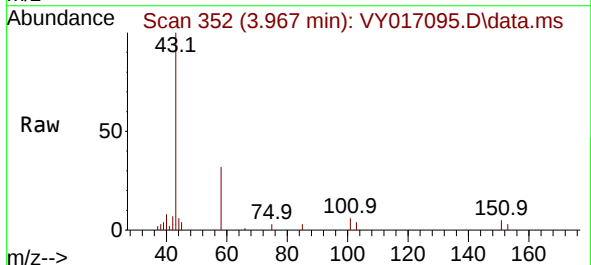
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

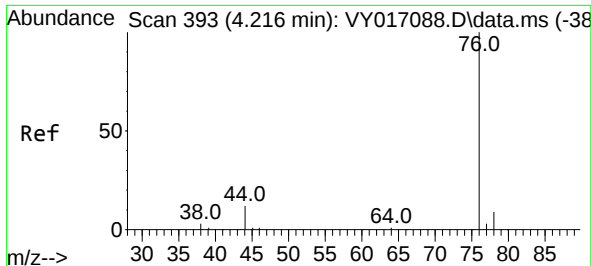
Tgt Ion:	53	Resp:	8765
Ion	Ratio	Lower	Upper
53	100		
52	79.6	65.1	97.7
51	35.8	29.0	43.4



#16
Acetone
Concen: 21.308 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion:	43	Resp:	12863
Ion	Ratio	Lower	Upper
43	100		
58	31.6	26.6	39.8





#17

Carbon Disulfide

Concen: 5.752 ug/l

RT: 4.223 min Scan# 393

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

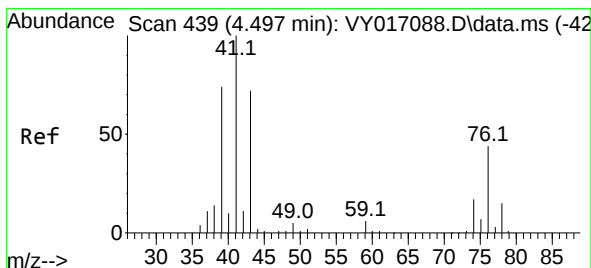
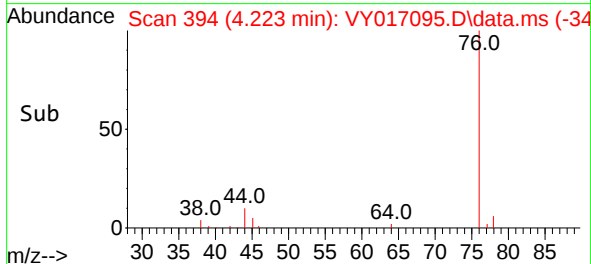
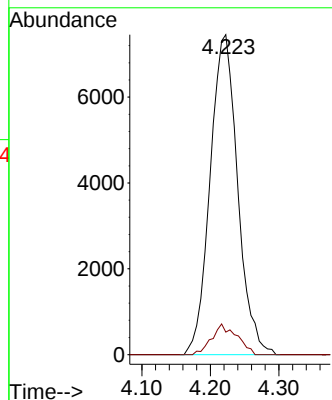
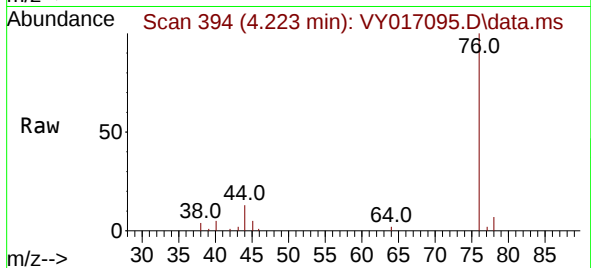
VSTDIC005

Tgt Ion: 76 Resp: 20831

Ion Ratio Lower Upper

76 100

78 7.0 7.4 11.0#



#18

Methyl Acetate

Concen: 5.795 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY017095.D

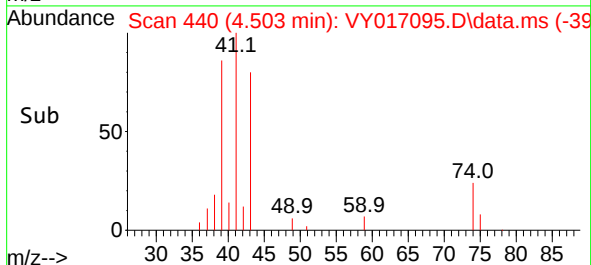
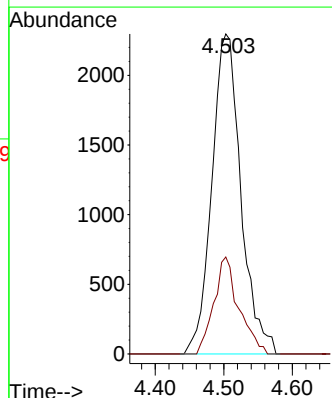
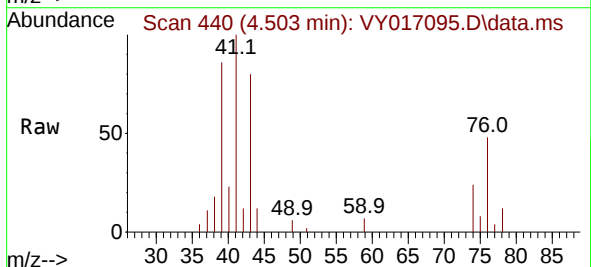
Acq: 24 Jan 2024 17:31

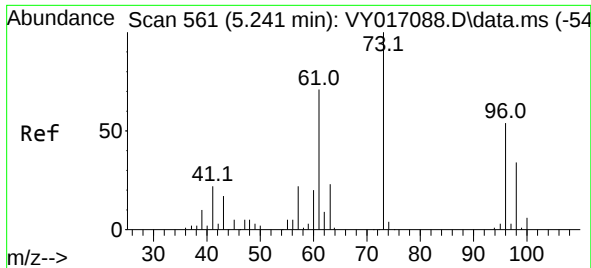
Tgt Ion: 43 Resp: 6763

Ion Ratio Lower Upper

43 100

74 26.0 19.8 29.6

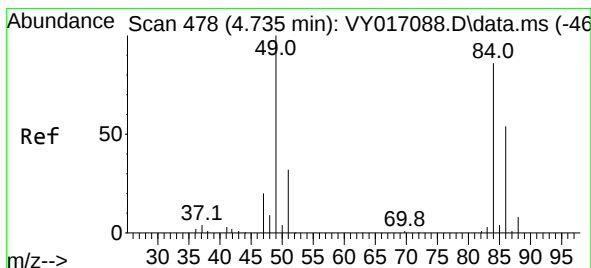
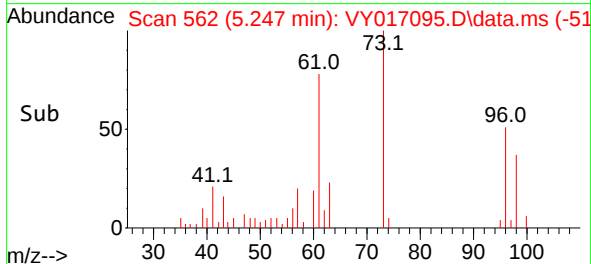
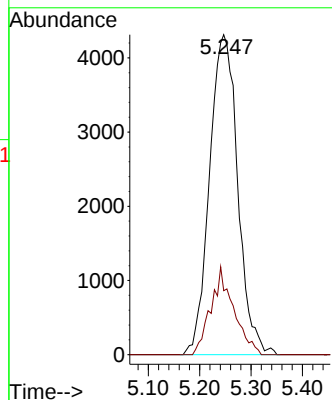
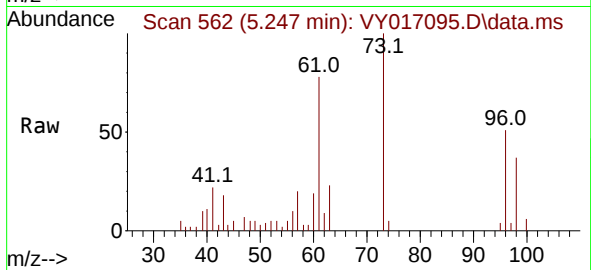




#19
Methyl tert-butyl Ether
Concen: 5.666 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

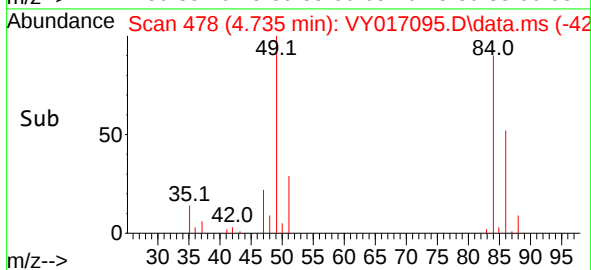
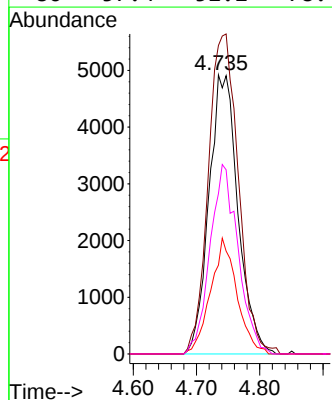
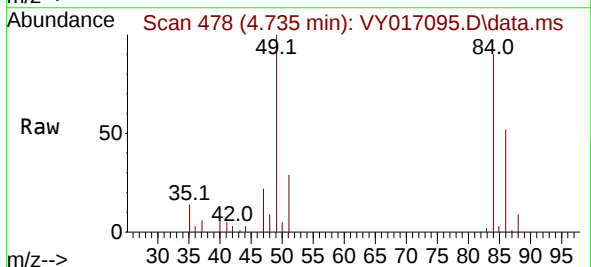
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

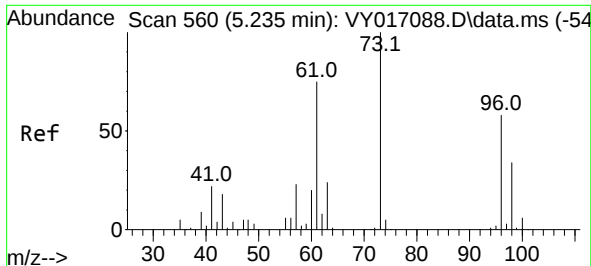
Tgt Ion: 73 Resp: 16443
Ion Ratio Lower Upper
73 100
57 20.0 17.7 26.5



#20
Methylene Chloride
Concen: 2.875 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 84 Resp: 15691
Ion Ratio Lower Upper
84 100
49 110.5 95.2 142.8
51 31.8 29.9 44.9
86 57.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 5.578 ug/l

RT: 5.241 min Scan# 560

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

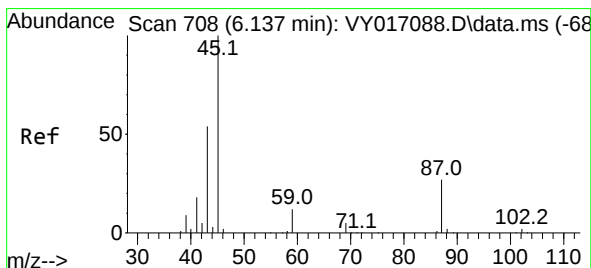
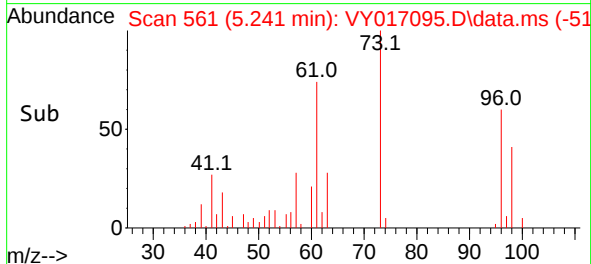
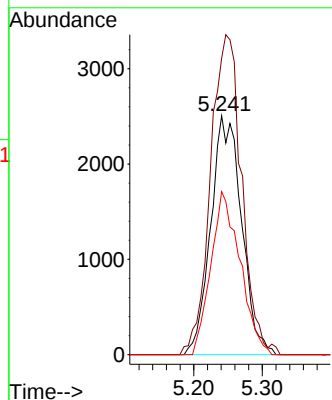
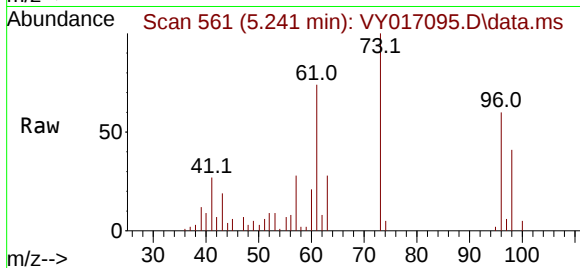
Tgt Ion: 96 Resp: 7818

Ion Ratio Lower Upper

96 100

61 124.2 104.6 156.8

98 68.2 50.9 76.3



#22

Diisopropyl ether

Concen: 5.266 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Tgt Ion: 45 Resp: 21036

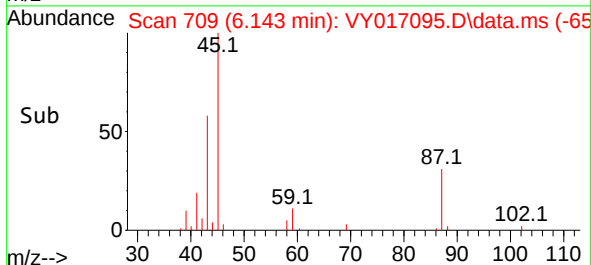
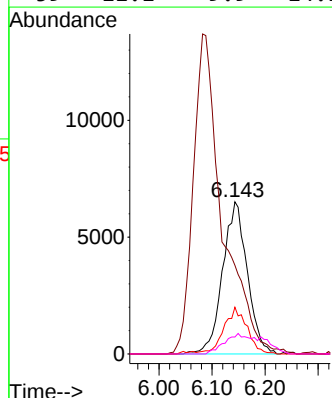
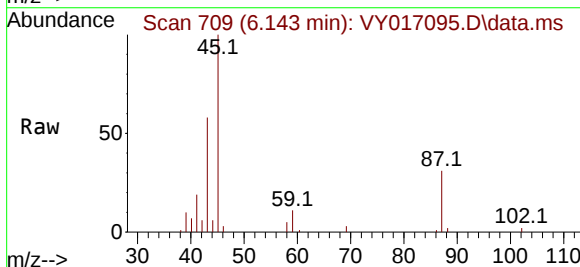
Ion Ratio Lower Upper

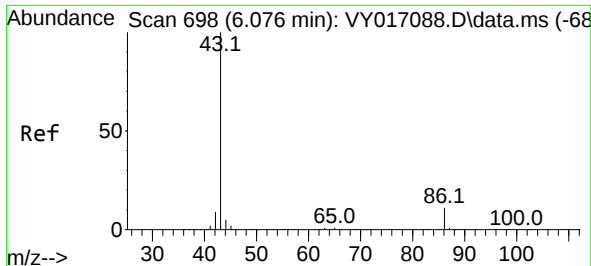
45 100

43 55.6 46.8 70.2

87 30.7 22.2 33.2

59 11.1 9.9 14.9





#23

Vinyl Acetate

Concen: 27.212 ug/l

RT: 6.082 min Scan# 699

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

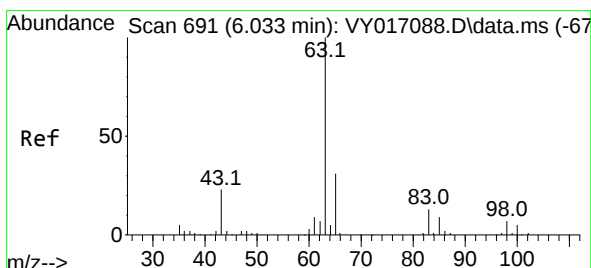
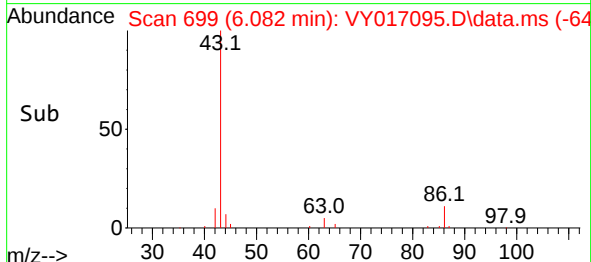
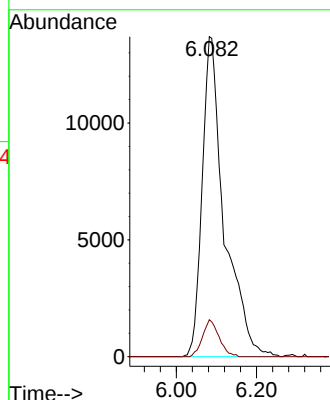
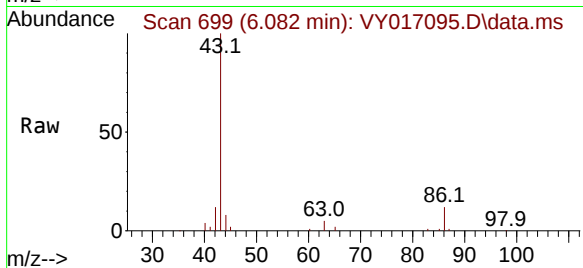
VSTDIC005

Tgt Ion: 43 Resp: 52226

Ion Ratio Lower Upper

43 100

86 11.5 8.6 13.0



#24

1,1-Dichloroethane

Concen: 5.722 ug/l

RT: 6.039 min Scan# 692

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

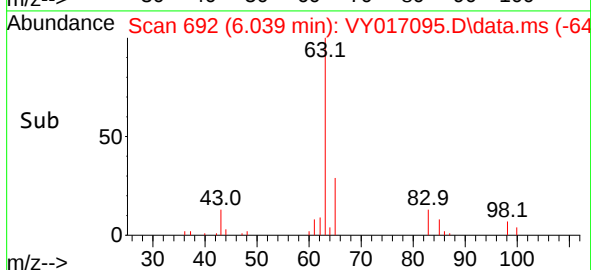
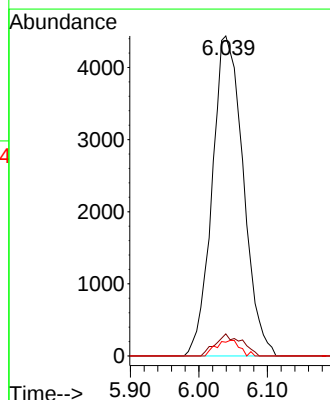
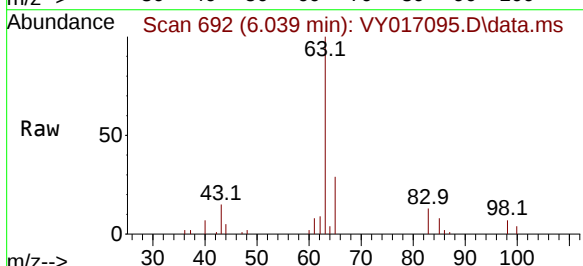
Tgt Ion: 63 Resp: 13975

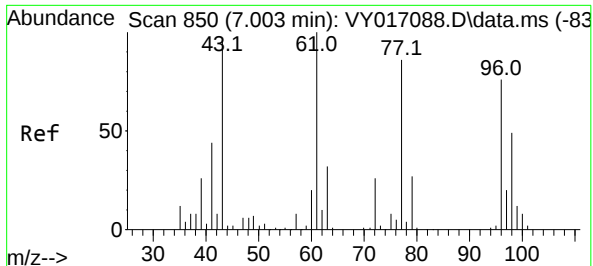
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 4.3 2.1 6.2





#25

2-Butanone

Concen: 29.576 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

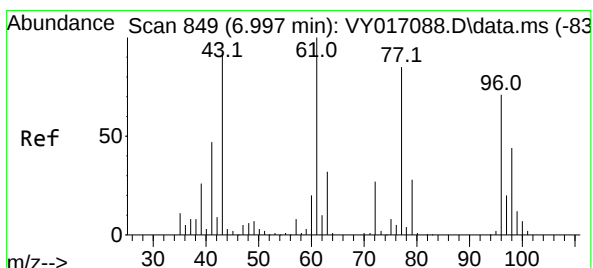
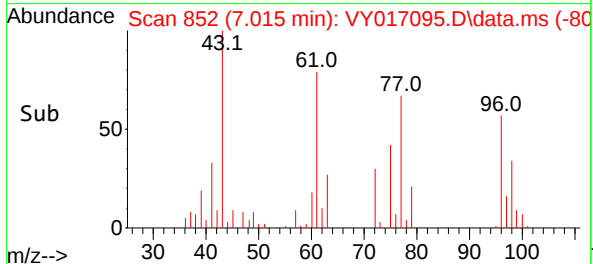
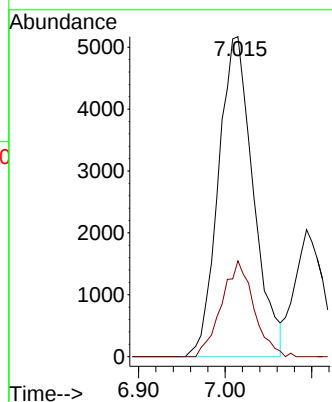
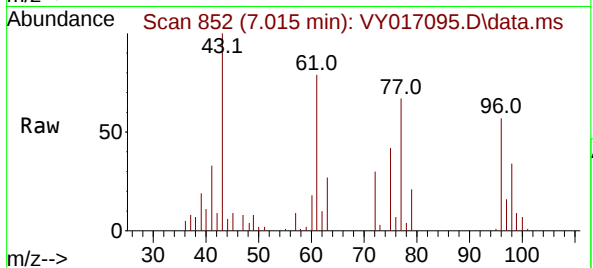
VSTDIC005

Tgt Ion: 43 Resp: 14462

Ion Ratio Lower Upper

43 100

72 30.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 5.701 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY017095.D

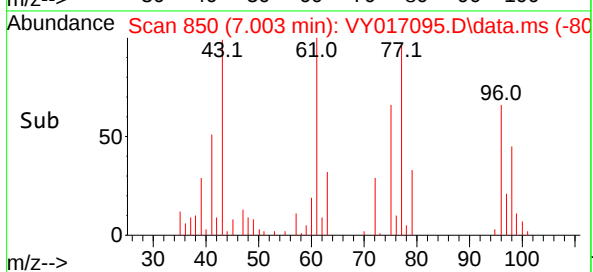
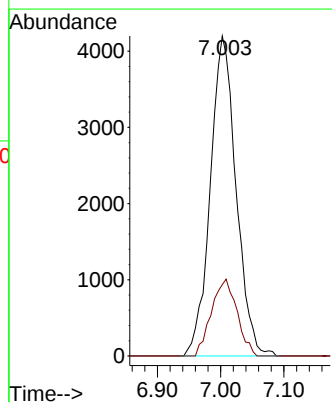
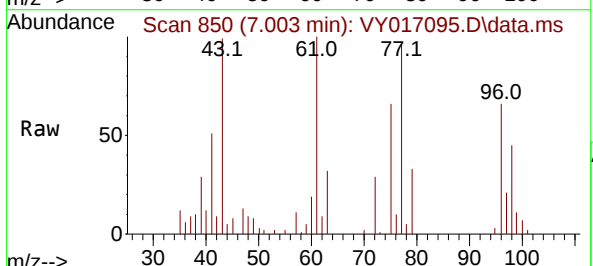
Acq: 24 Jan 2024 17:31

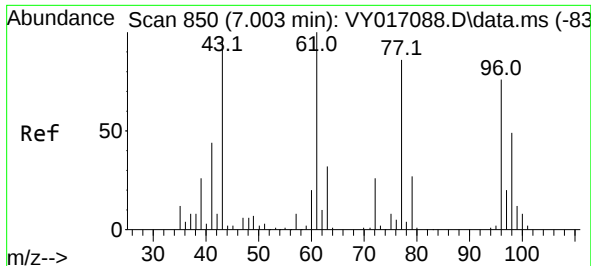
Tgt Ion: 77 Resp: 11895

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 5.384 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

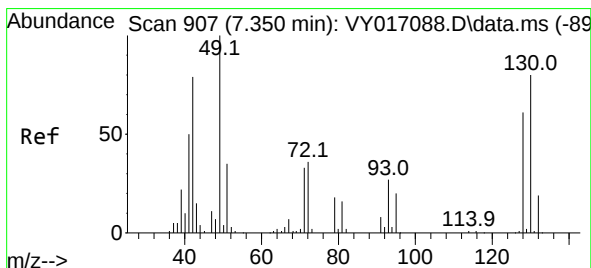
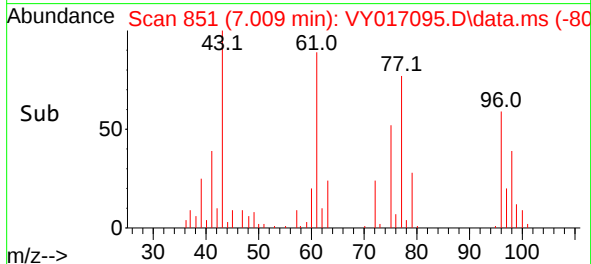
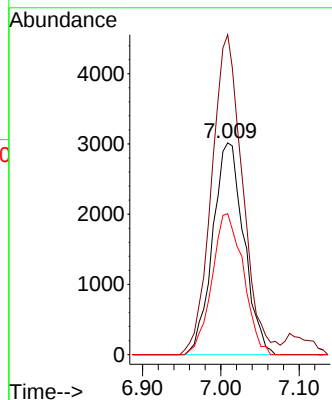
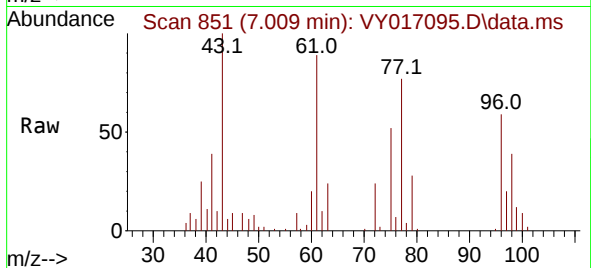
Tgt Ion: 96 Resp: 8324

Ion Ratio Lower Upper

96 100

61 150.3 0.0 278.8

98 67.0 0.0 127.0



#28

Bromochloromethane

Concen: 5.971 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

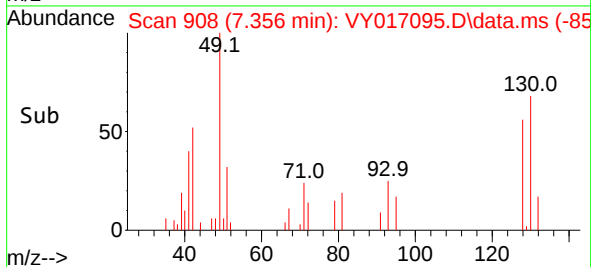
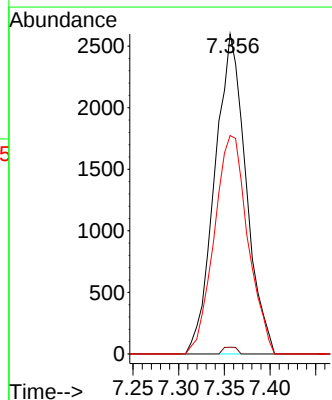
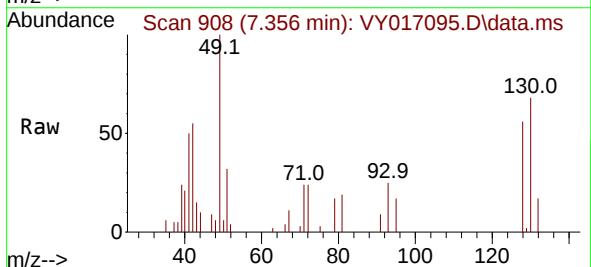
Tgt Ion: 49 Resp: 6164

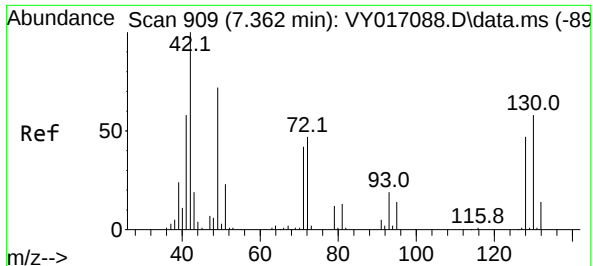
Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.8

130 73.6 59.8 89.8





#29

Tetrahydrofuran

Concen: 27.714 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

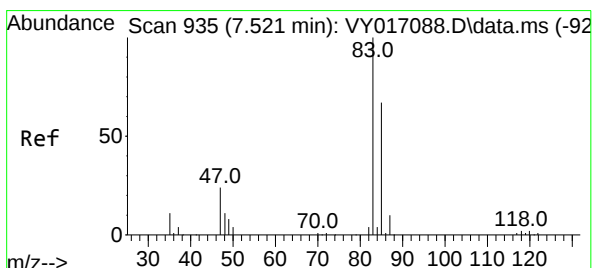
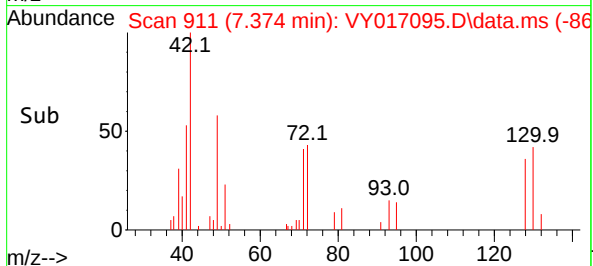
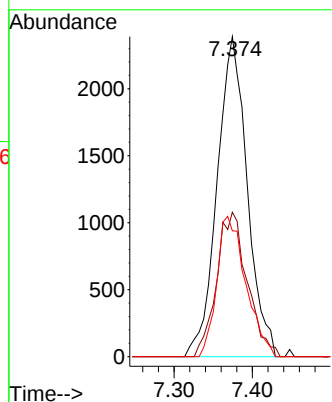
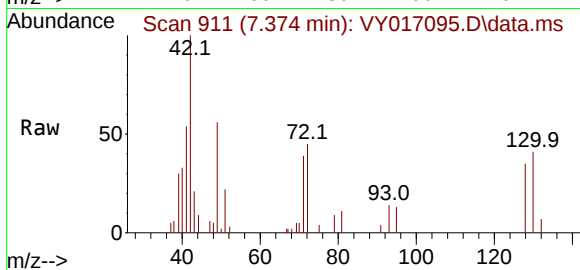
Tgt Ion: 42 Resp: 6380

Ion Ratio Lower Upper

42 100

72 46.0 36.6 54.8

71 42.2 33.8 50.6



#30

Chloroform

Concen: 5.619 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY017095.D

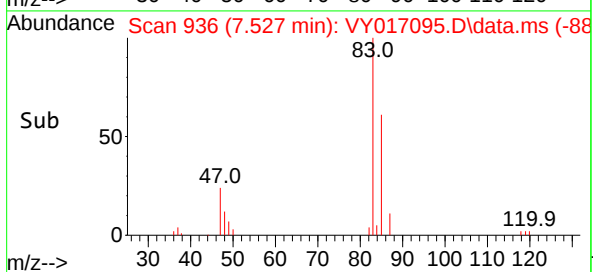
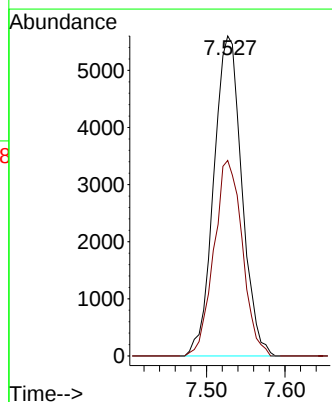
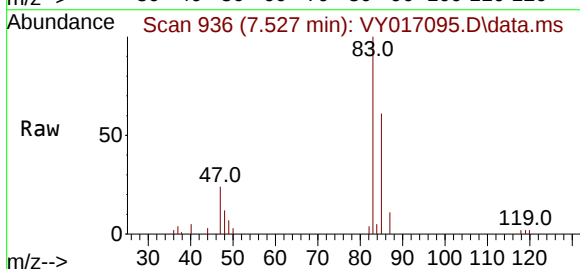
Acq: 24 Jan 2024 17:31

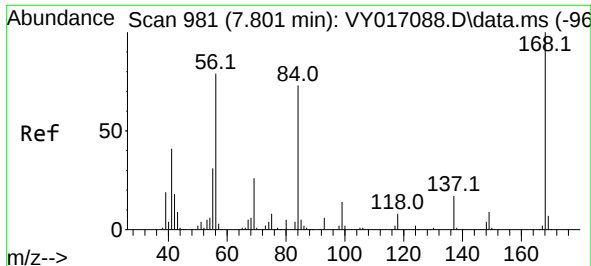
Tgt Ion: 83 Resp: 13927

Ion Ratio Lower Upper

83 100

85 61.1 51.2 76.8

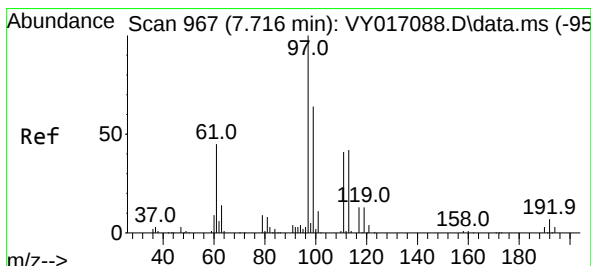
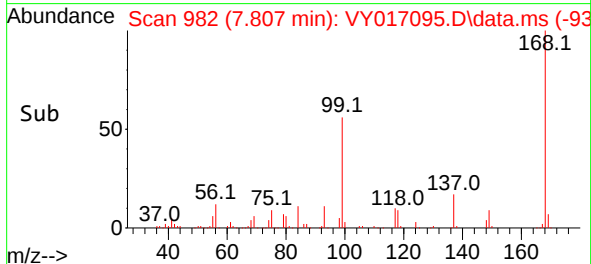
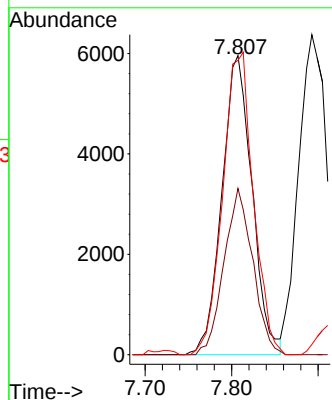
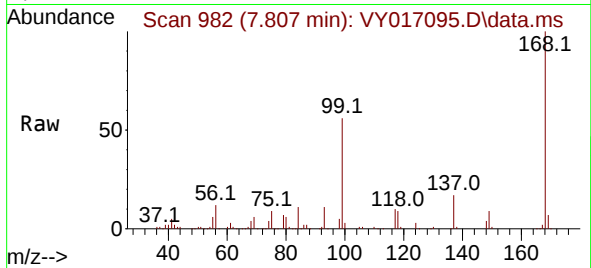




#31
Cyclohexane
Concen: 6.366 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

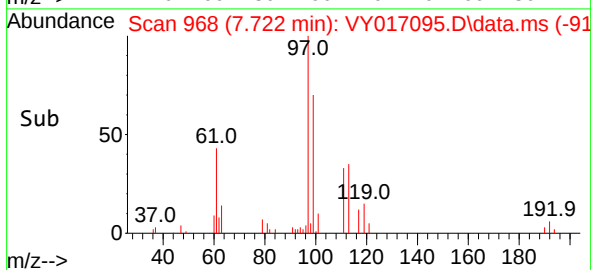
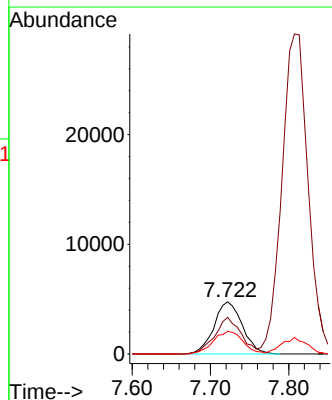
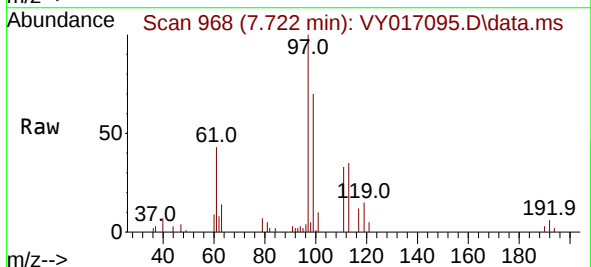
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

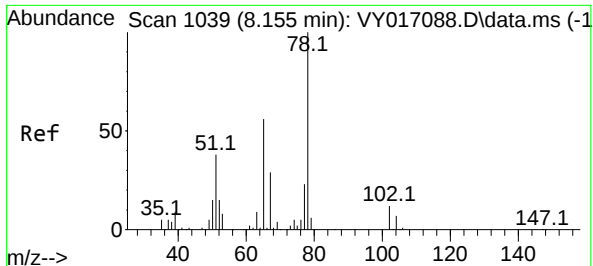
Tgt Ion: 56 Resp: 14440
Ion Ratio Lower Upper
56 100
69 55.6 27.0 40.6#
84 98.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 5.573 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 97 Resp: 11916
Ion Ratio Lower Upper
97 100
99 65.2 51.2 76.8
61 45.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 5.576 ug/l

RT: 8.155 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

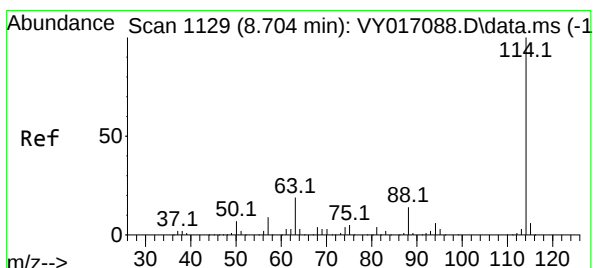
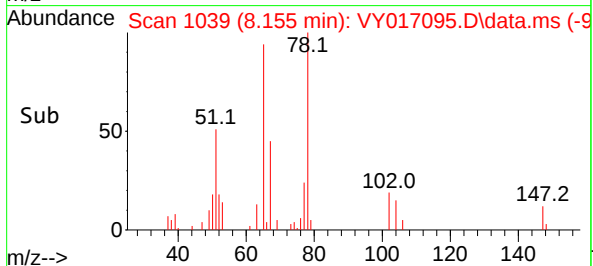
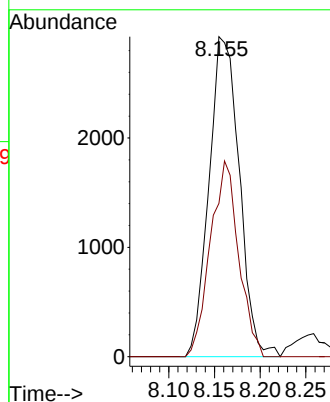
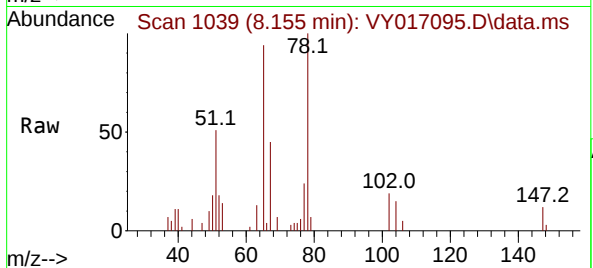
VSTDIC005

Tgt Ion: 65 Resp: 6741

Ion Ratio Lower Upper

65 100

67 57.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

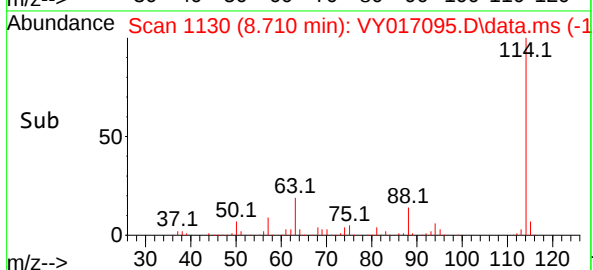
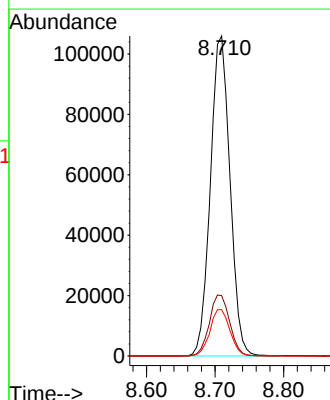
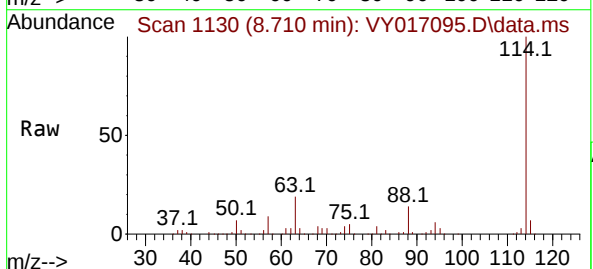
Tgt Ion: 114 Resp: 210436

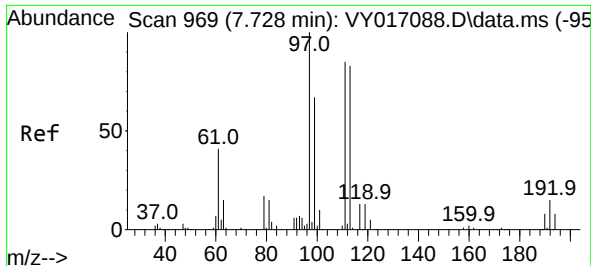
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 5.065 ug/l

RT: 7.734 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

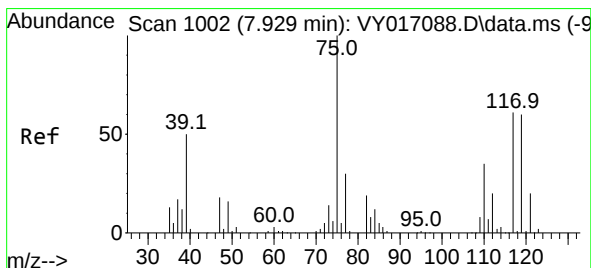
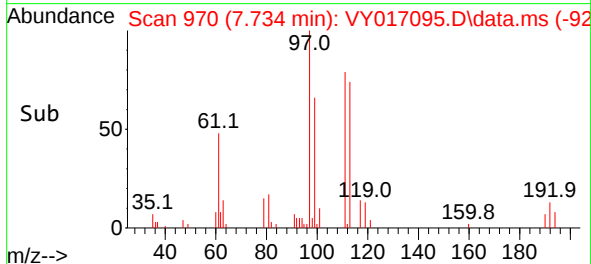
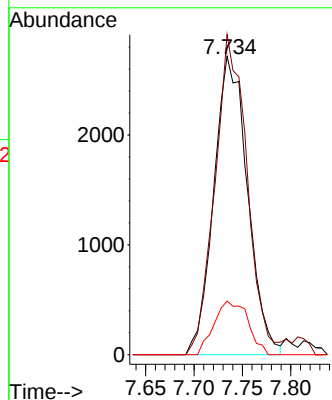
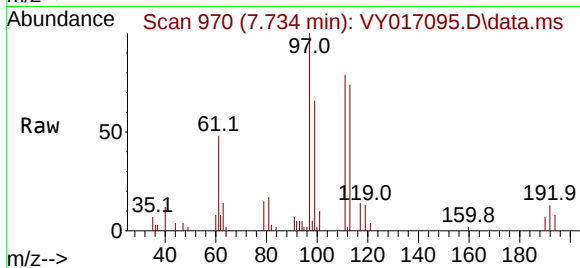
Tgt Ion:113 Resp: 6584

Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 18.0 14.5 21.7



#36

1,1-Dichloropropene

Concen: 5.483 ug/l

RT: 7.941 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

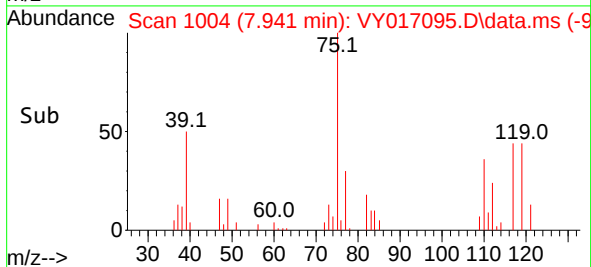
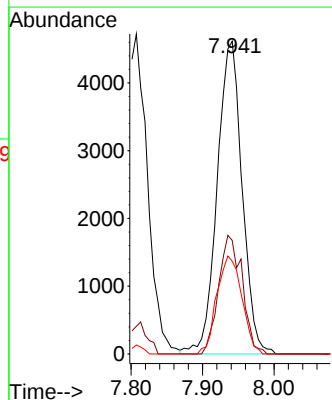
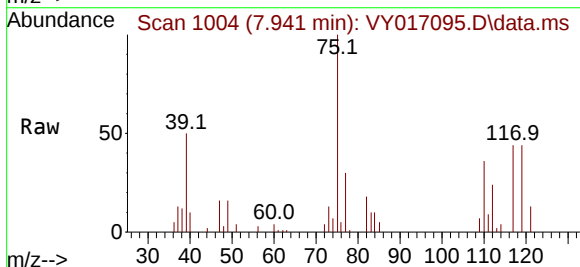
Tgt Ion: 75 Resp: 11190

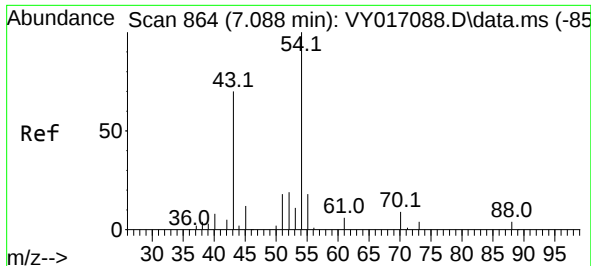
Ion Ratio Lower Upper

75 100

110 36.0 17.4 52.3

77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 5.307 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

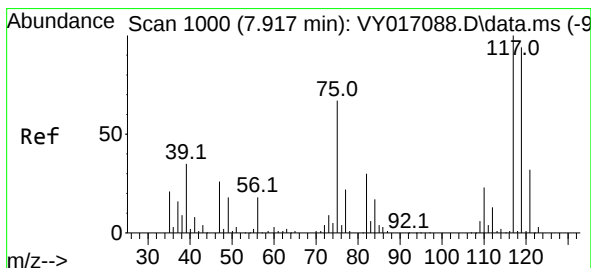
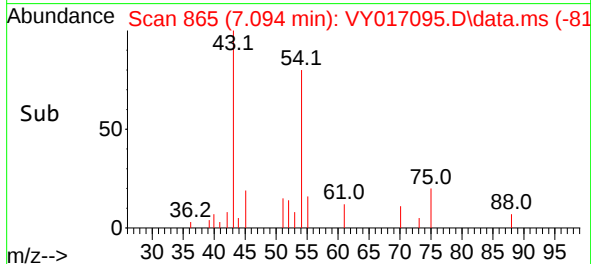
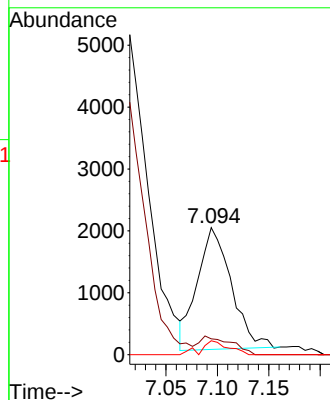
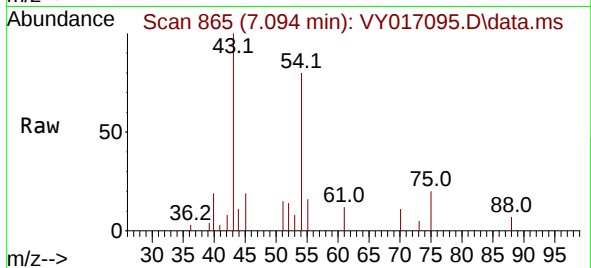
Tgt Ion: 43 Resp: 4537

Ion Ratio Lower Upper

43 100

61 14.2 11.0 16.6

70 8.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 5.395 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

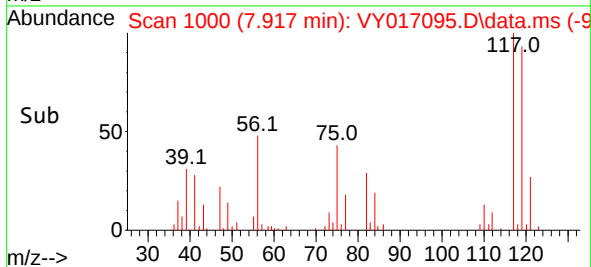
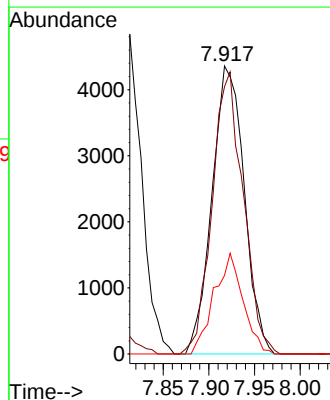
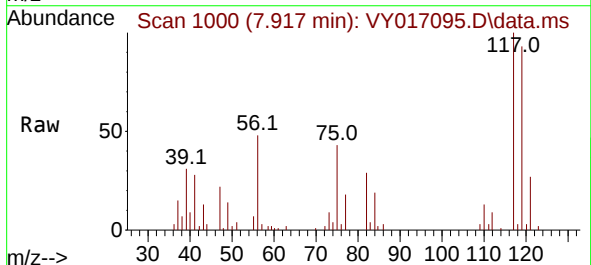
Tgt Ion: 117 Resp: 10696

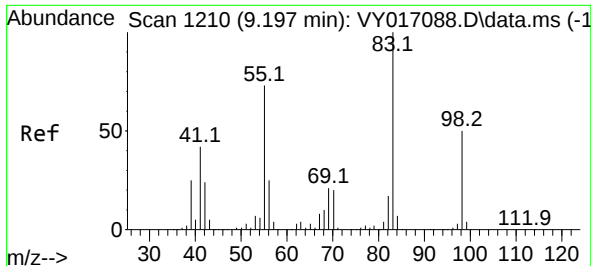
Ion Ratio Lower Upper

117 100

119 92.8 76.0 114.0

121 27.3 24.2 36.2





#39

Methylcyclohexane

Concen: 5.382 ug/l

RT: 9.203 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

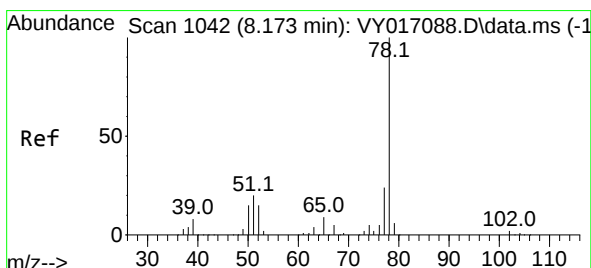
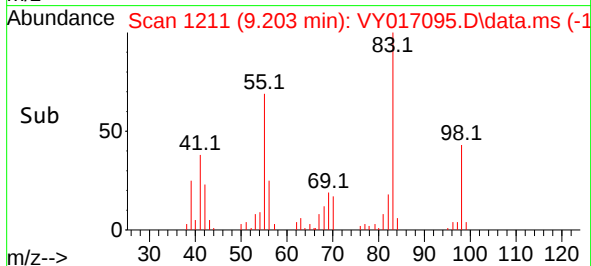
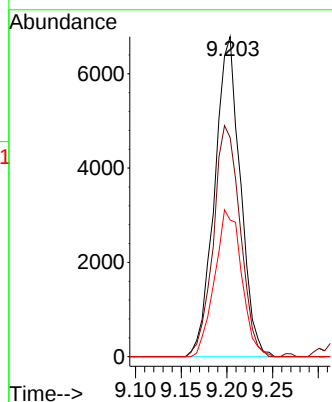
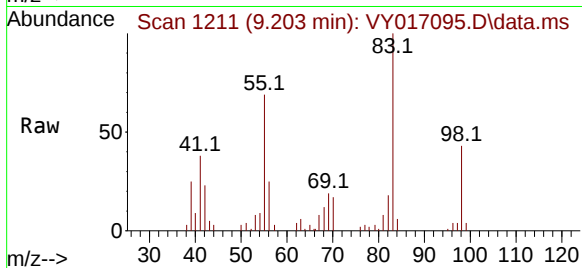
Tgt Ion: 83 Resp: 13273

Ion Ratio Lower Upper

83 100

55 68.5 59.7 89.5

98 42.7 38.0 57.0



#40

Benzene

Concen: 5.368 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY017095.D

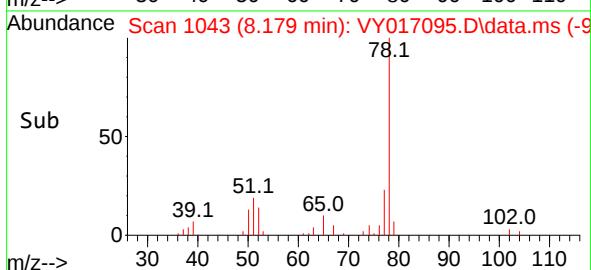
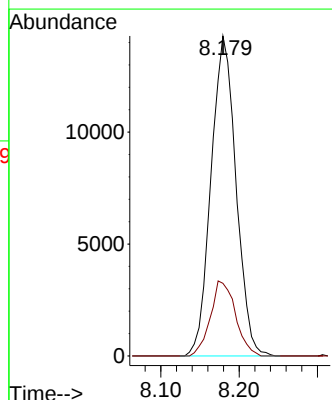
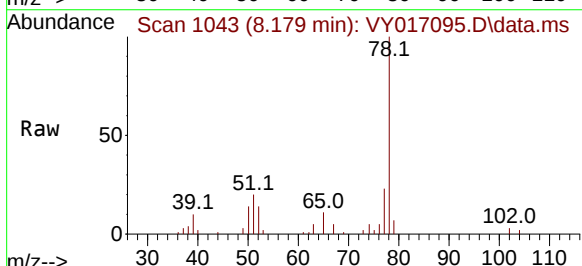
Acq: 24 Jan 2024 17:31

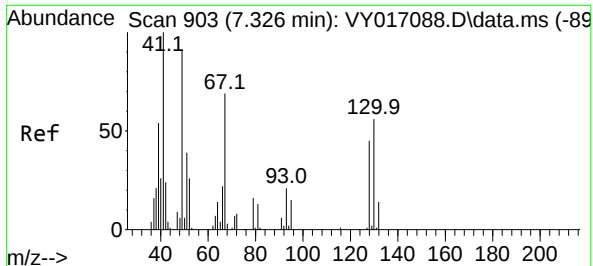
Tgt Ion: 78 Resp: 31689

Ion Ratio Lower Upper

78 100

77 22.7 18.8 28.2

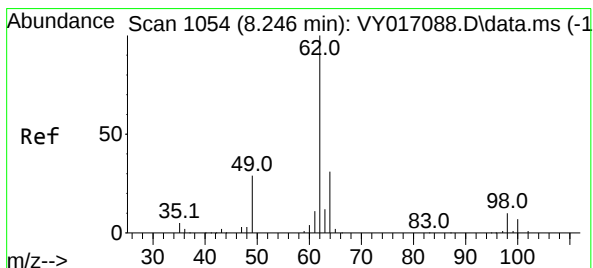
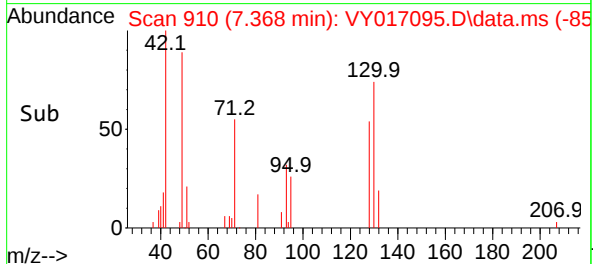
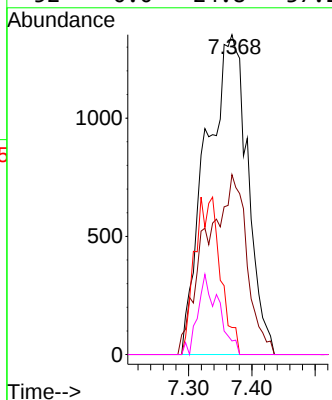
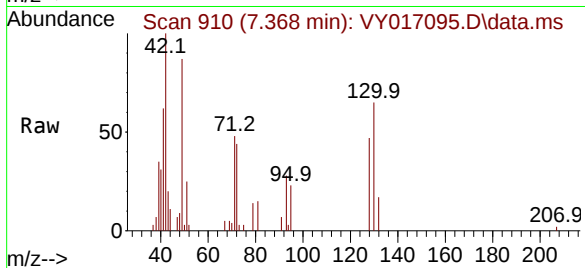




#41
Methacrylonitrile
Concen: 13.898 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.043 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

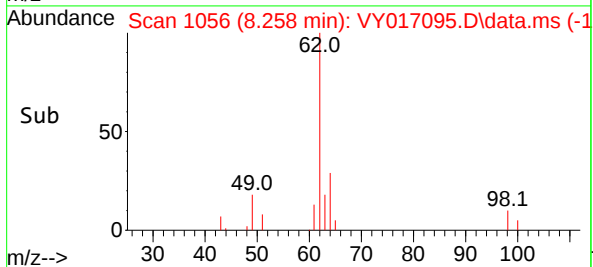
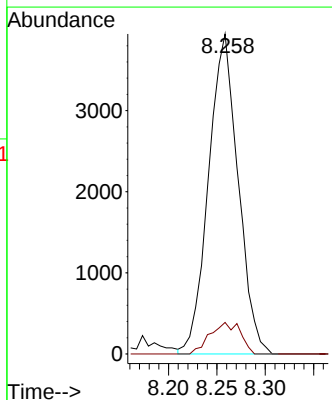
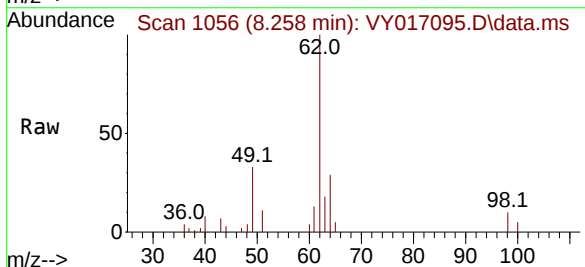
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

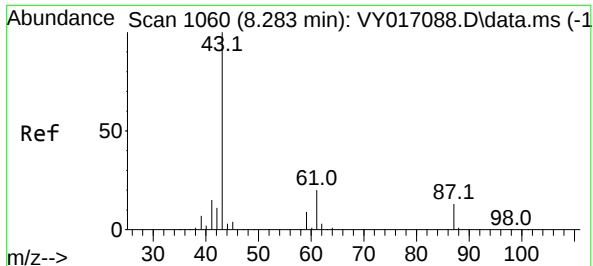
Tgt Ion: 41 Resp: 6150
Ion Ratio Lower Upper
41 100
39 26.8 41.9 62.9#
67 0.0 59.8 89.6#
52 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 5.528 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 62 Resp: 8396
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43

Isopropyl Acetate

Concen: 5.465 ug/l

RT: 8.289 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

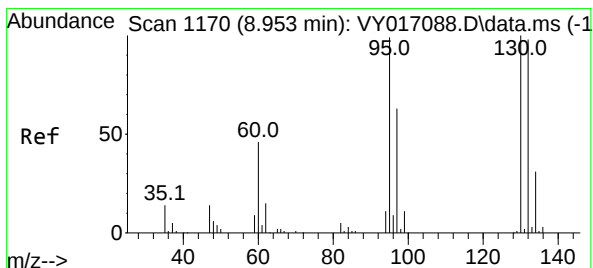
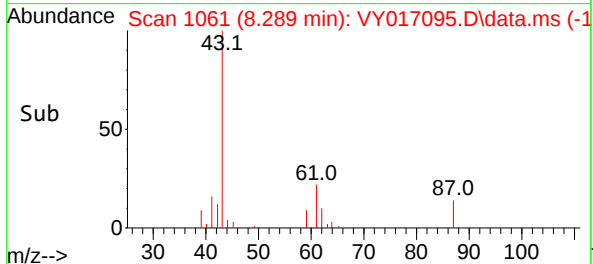
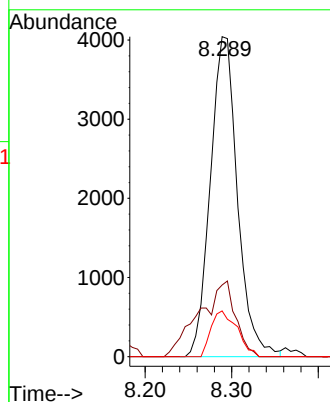
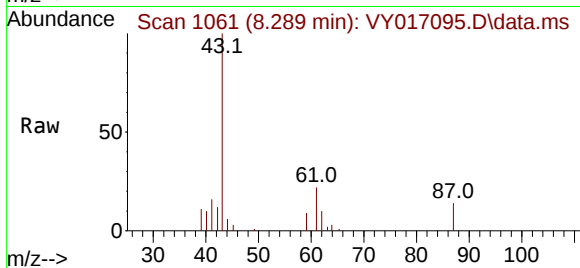
Tgt Ion: 43 Resp: 8812

Ion Ratio Lower Upper

43 100

61 31.6 24.8 37.2

87 13.8 10.7 16.1



#44

Trichloroethene

Concen: 5.399 ug/l

RT: 8.960 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY017095.D

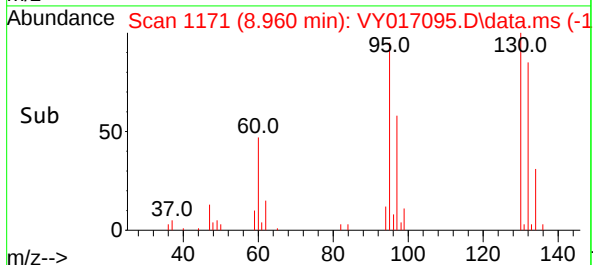
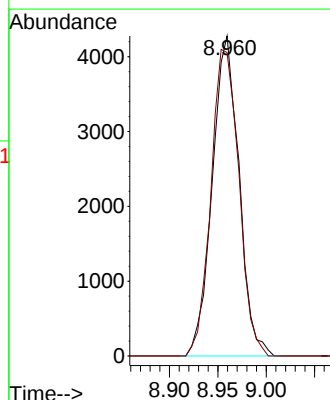
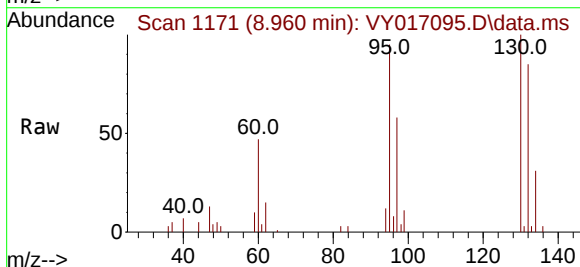
Acq: 24 Jan 2024 17:31

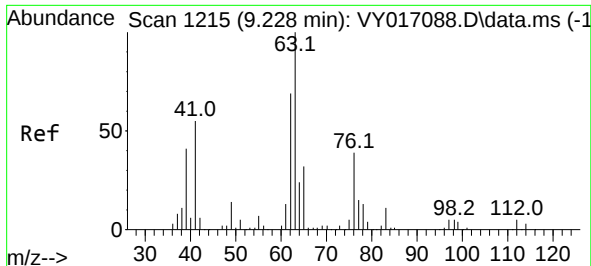
Tgt Ion: 130 Resp: 8223

Ion Ratio Lower Upper

130 100

95 94.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 5.462 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

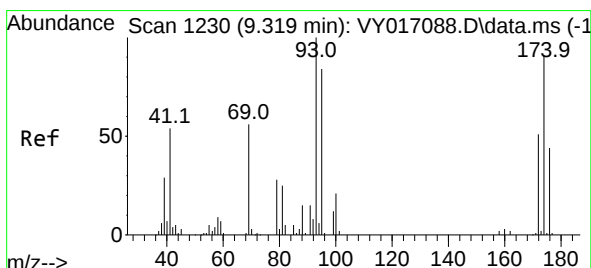
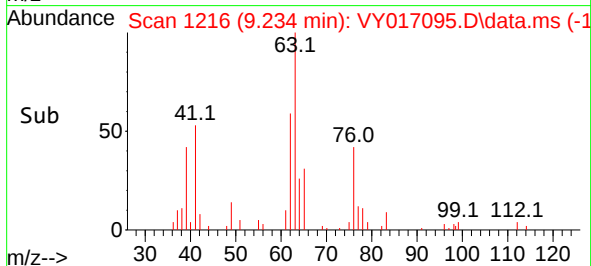
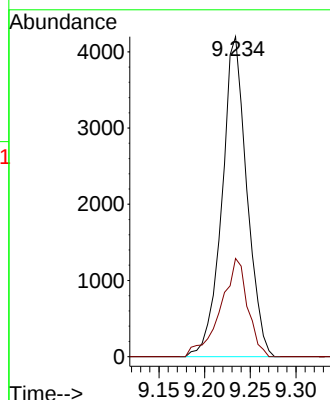
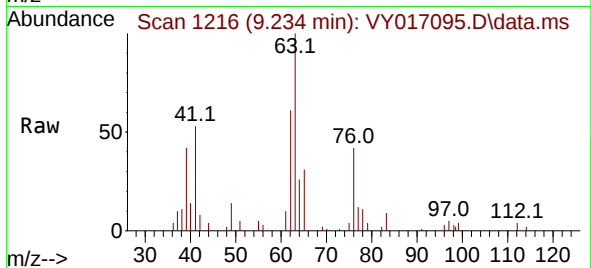
VSTDIC005

Tgt Ion: 63 Resp: 7934

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#46

Dibromomethane

Concen: 5.307 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

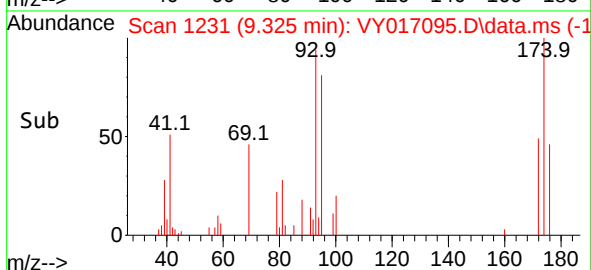
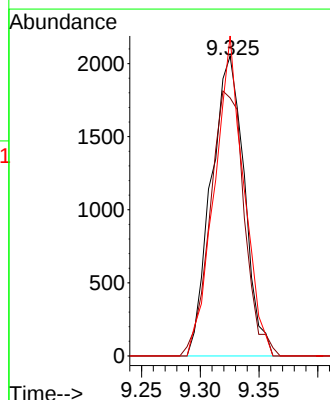
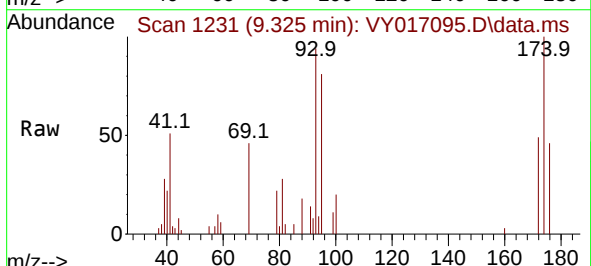
Tgt Ion: 93 Resp: 4016

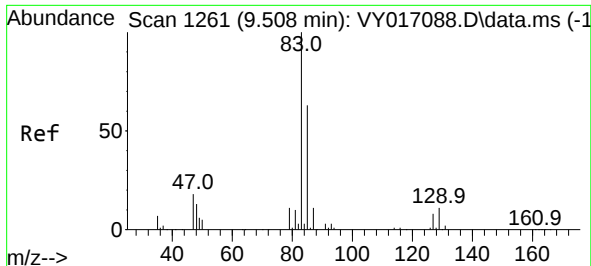
Ion Ratio Lower Upper

93 100

95 91.0 66.6 99.8

174 94.5 73.8 110.6

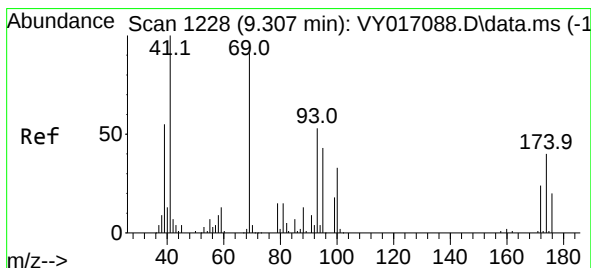
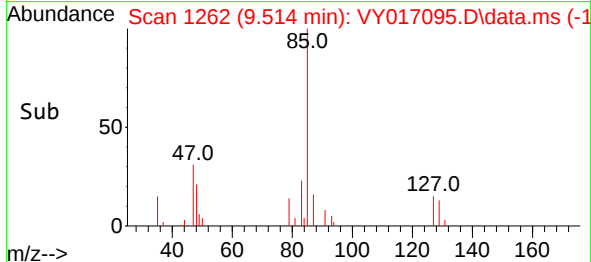
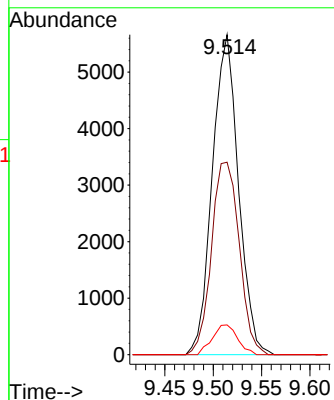
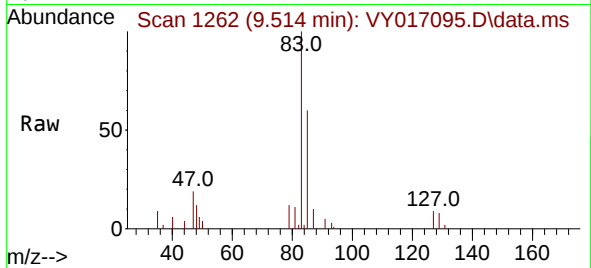




#47
Bromodichloromethane
Concen: 5.432 ug/l
RT: 9.514 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

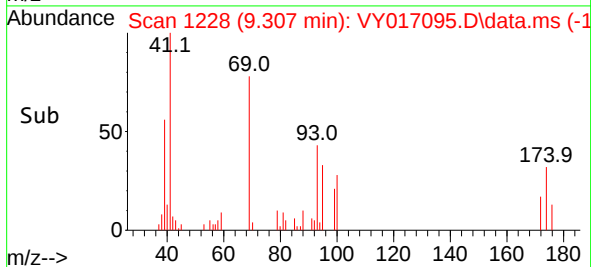
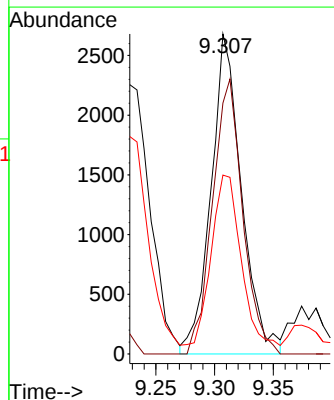
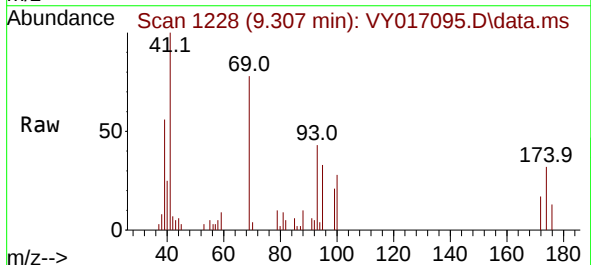
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

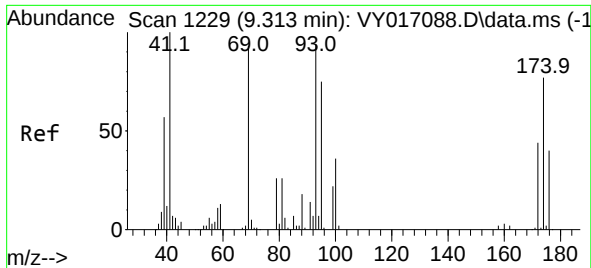
Tgt Ion: 83	Resp:	10635
Ion	Ratio	Lower Upper
83	100	
85	60.2	53.2 79.8
127	9.3	6.4 9.6



#48
Methyl methacrylate
Concen: 5.299 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 41	Resp:	4842
Ion	Ratio	Lower Upper
41	100	
69	85.2	72.1 108.1
39	52.8	42.8 64.2





#49

1,4-Dioxane

Concen: 106.110 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

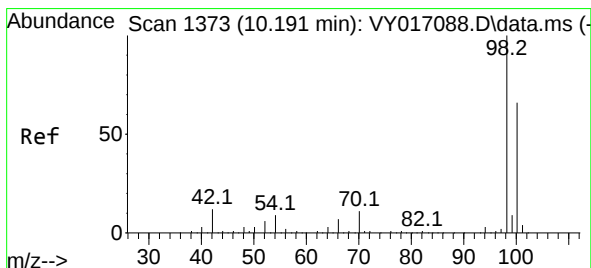
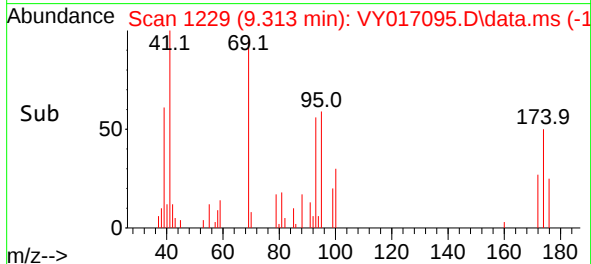
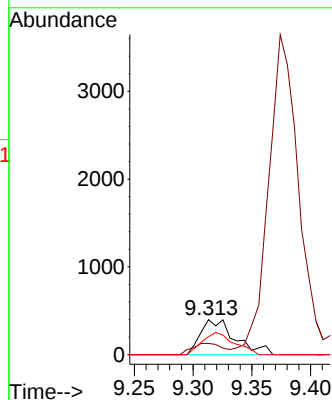
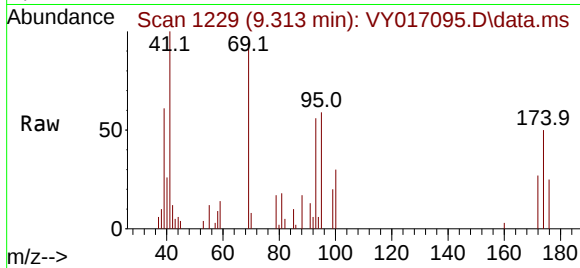
Tgt Ion: 88 Resp: 818

Ion Ratio Lower Upper

88 100

43 29.1 28.2 42.4

58 58.9 52.2 78.2



#50

Toluene-d8

Concen: 5.010 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017095.D

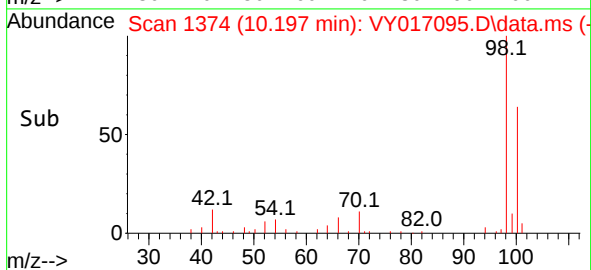
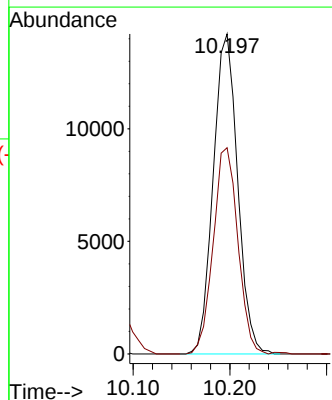
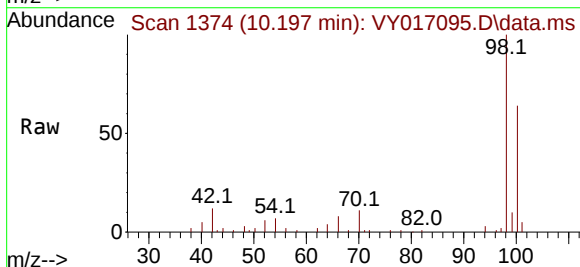
Acq: 24 Jan 2024 17:31

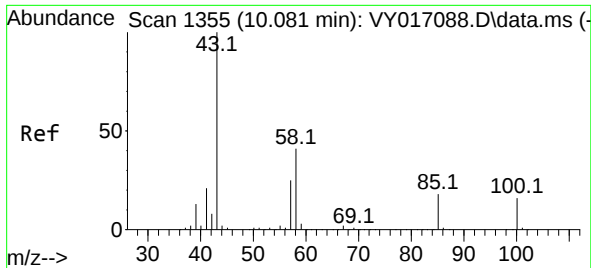
Tgt Ion: 98 Resp: 24862

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

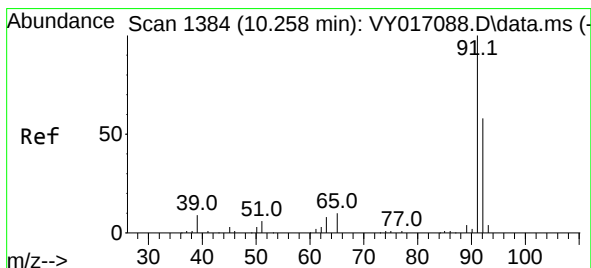
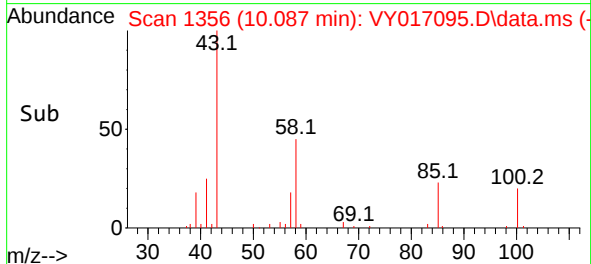
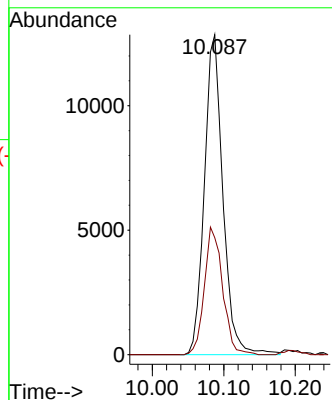
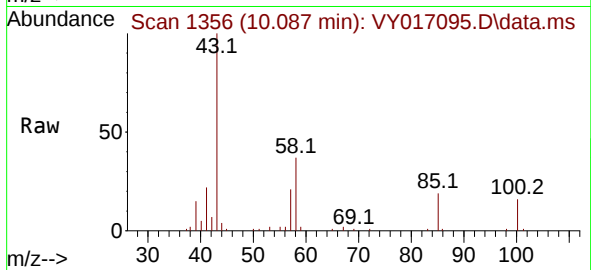




#51
4-Methyl-2-Pentanone
Concen: 26.950 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

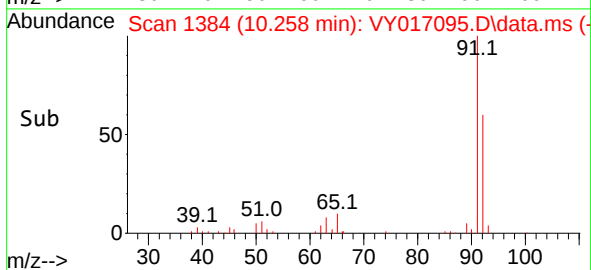
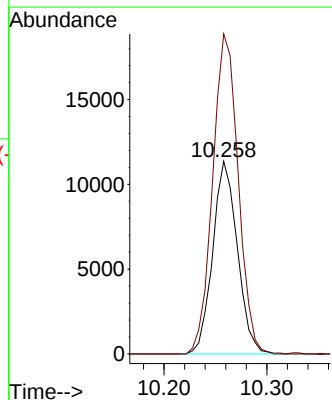
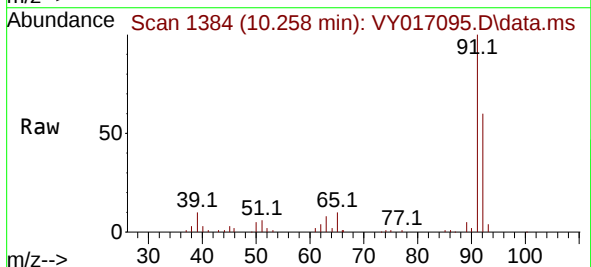
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

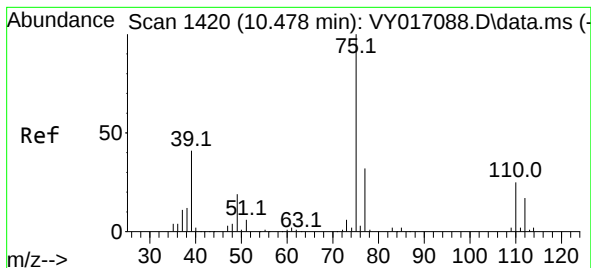
Tgt Ion: 43 Resp: 23120
Ion Ratio Lower Upper
43 100
58 39.3 32.2 48.2



#52
Toluene
Concen: 5.239 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 92 Resp: 18875
Ion Ratio Lower Upper
92 100
91 172.5 137.6 206.4

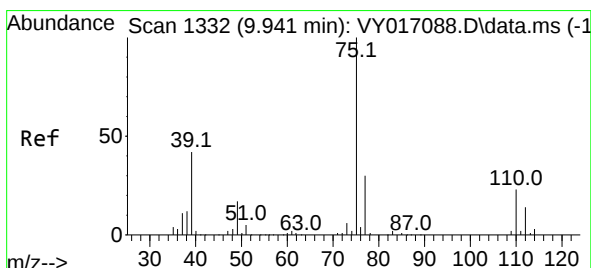
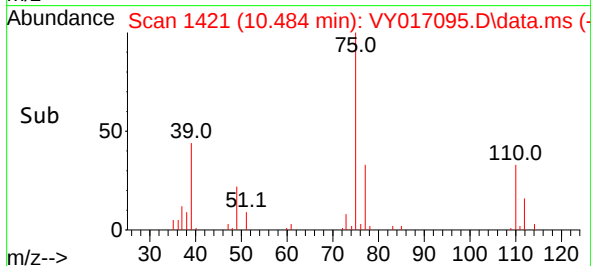
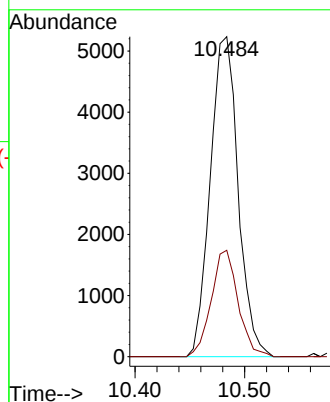
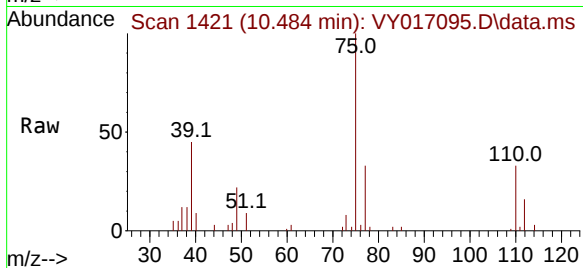




#53
t-1,3-Dichloropropene
Concen: 5.180 ug/l
RT: 10.484 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

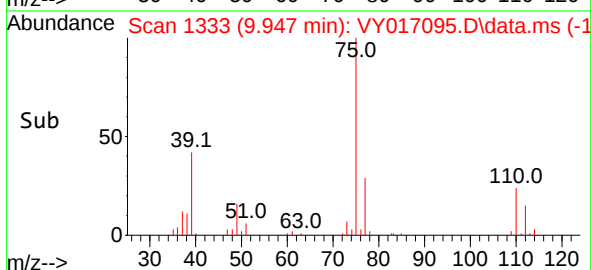
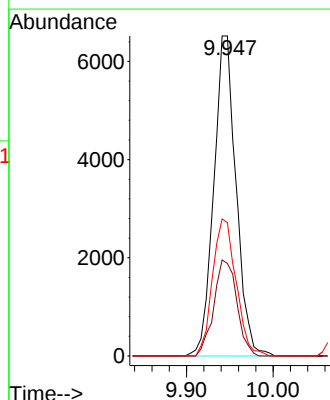
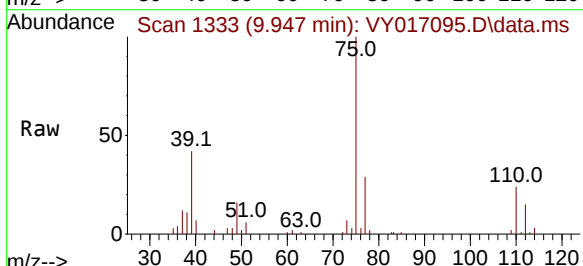
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

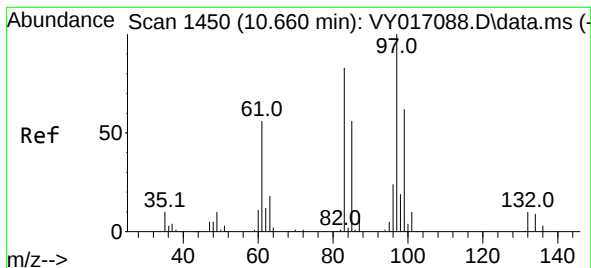
Tgt Ion: 75 Resp: 9259
Ion Ratio Lower Upper
75 100
77 33.2 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 5.278 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 75 Resp: 11647
Ion Ratio Lower Upper
75 100
77 28.9 24.6 36.8
39 41.6 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 5.484 ug/l

RT: 10.660 min Scan# 1450

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 5740

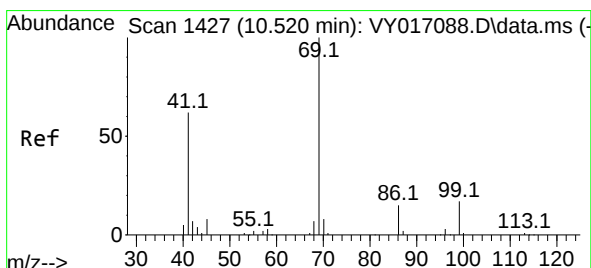
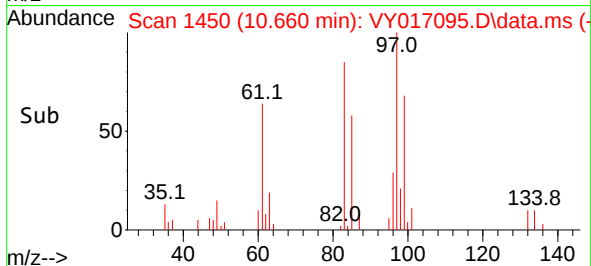
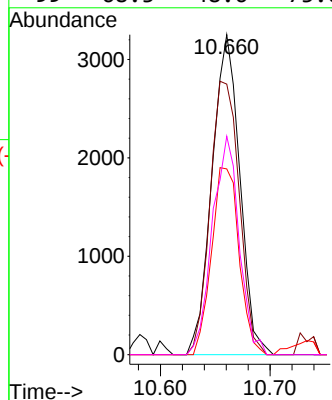
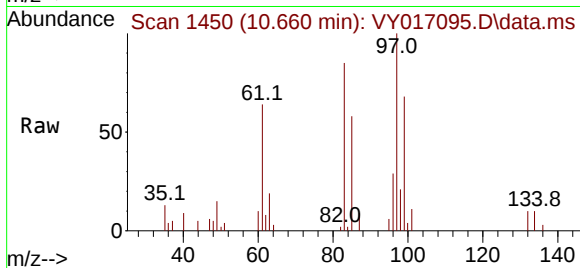
Ion Ratio Lower Upper

97 100

83 84.5 69.4 104.2

85 58.0 43.9 65.9

99 68.3 48.6 73.0



#56

Ethyl methacrylate

Concen: 4.844 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

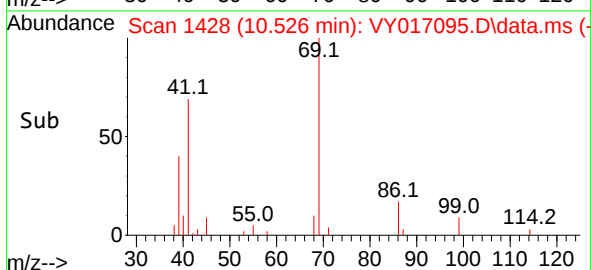
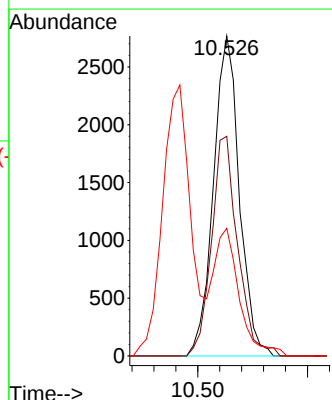
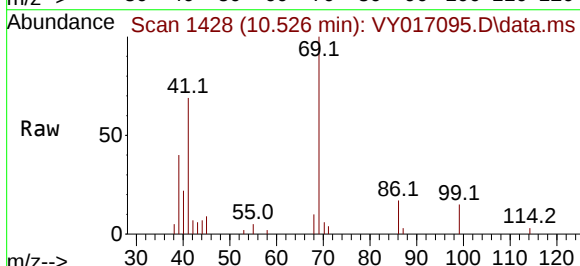
Tgt Ion: 69 Resp: 4539

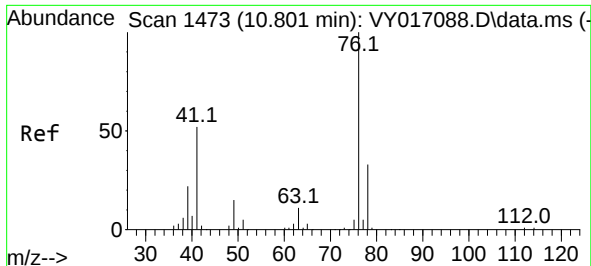
Ion Ratio Lower Upper

69 100

41 69.4 49.2 73.8

39 38.8 26.8 40.2





#57

1,3-Dichloropropane

Concen: 5.464 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

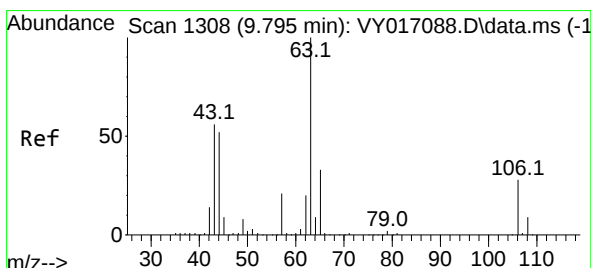
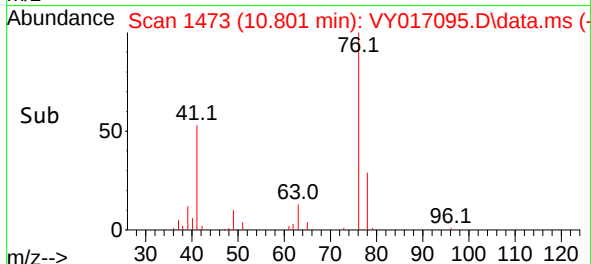
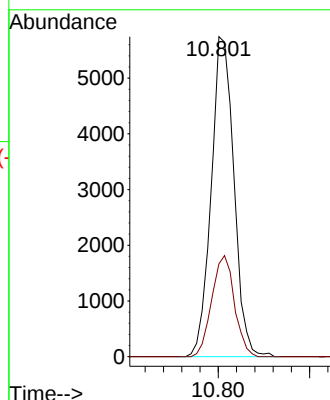
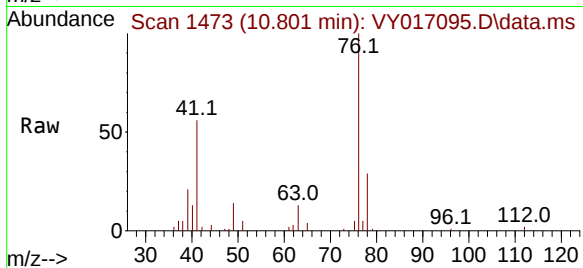
VSTDIC005

Tgt Ion: 76 Resp: 9913

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 24.111 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.006 min

Lab File: VY017095.D

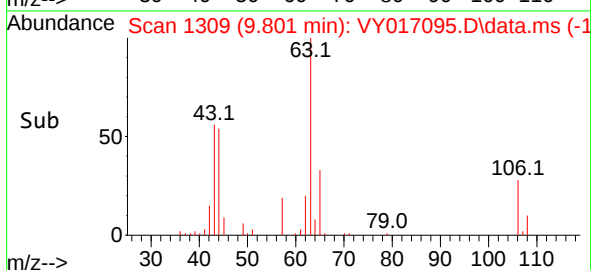
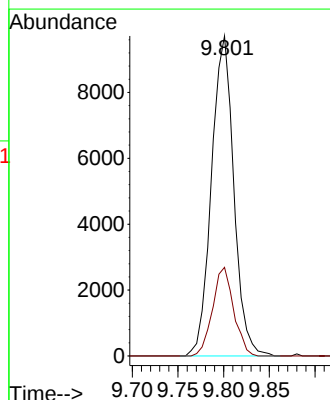
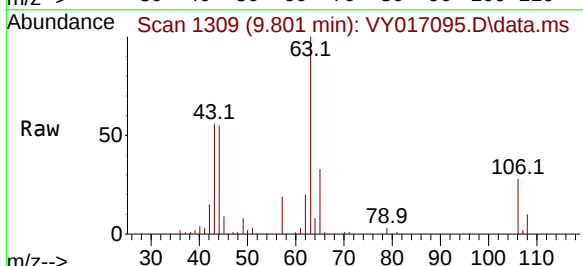
Acq: 24 Jan 2024 17:31

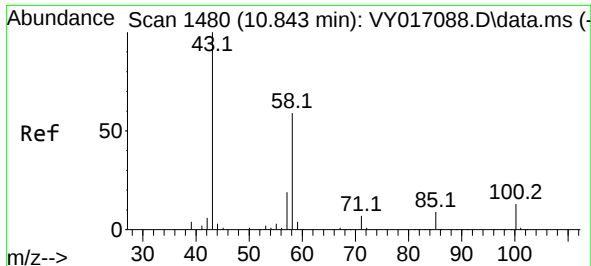
Tgt Ion: 63 Resp: 16490

Ion Ratio Lower Upper

63 100

106 26.2 22.4 33.6

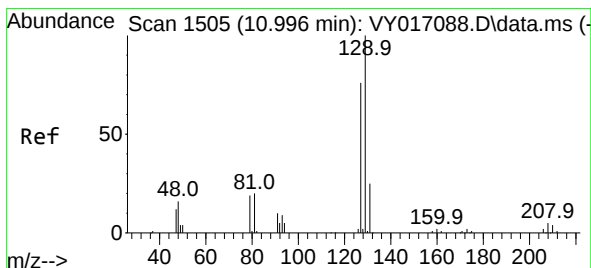
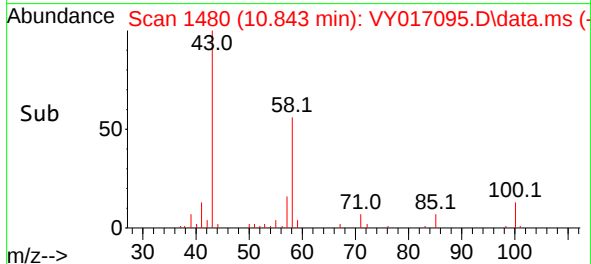
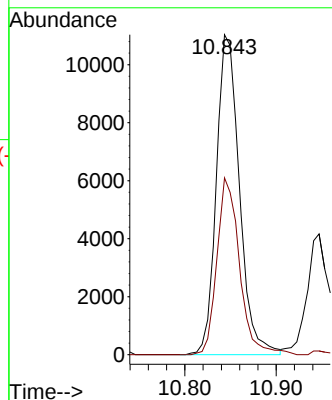
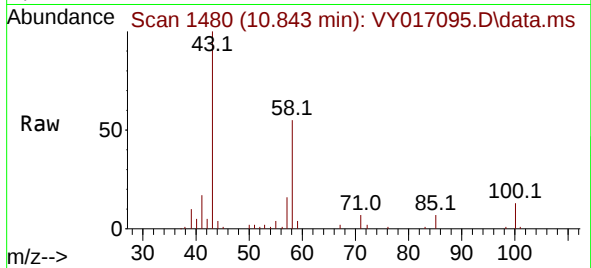




#59
2-Hexanone
Concen: 29.421 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

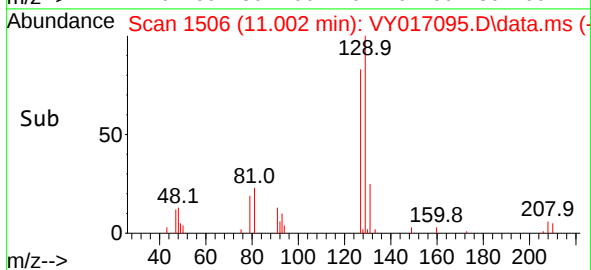
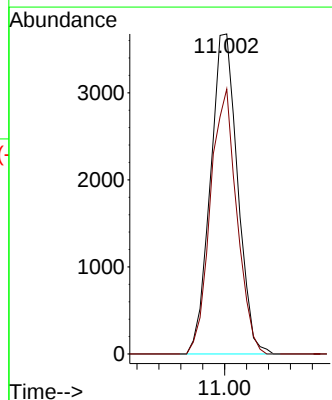
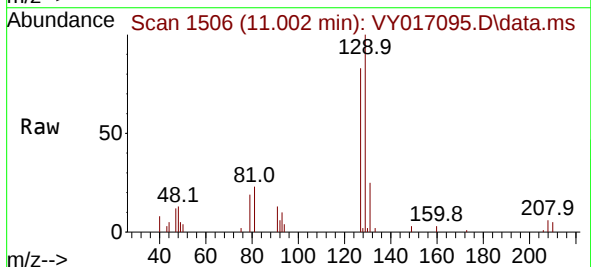
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

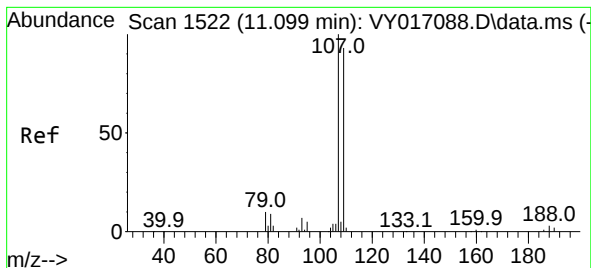
Tgt Ion: 43 Resp: 19388
Ion Ratio Lower Upper
43 100
58 54.0 28.1 84.3



#60
Dibromochloromethane
Concen: 5.197 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 129 Resp: 6335
Ion Ratio Lower Upper
129 100
127 80.4 39.2 117.6

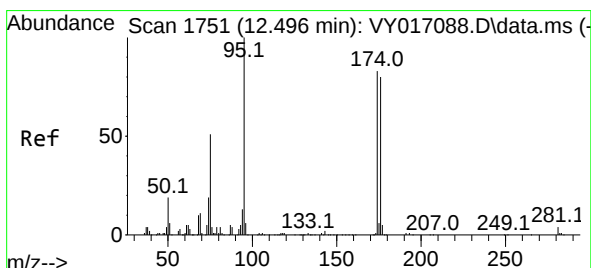
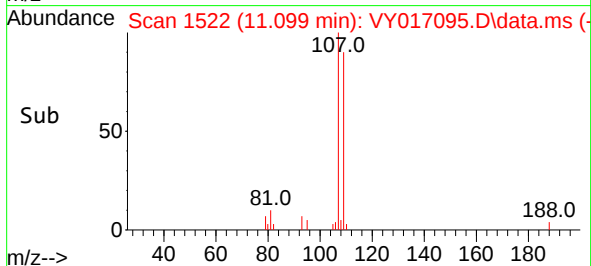
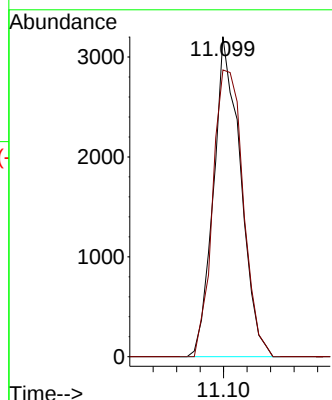
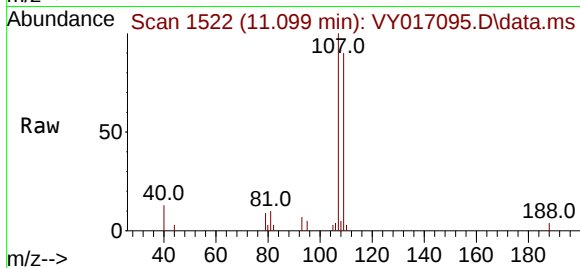




#61
1,2-Dibromoethane
Concen: 5.307 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

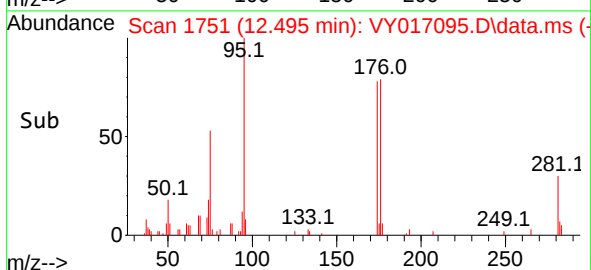
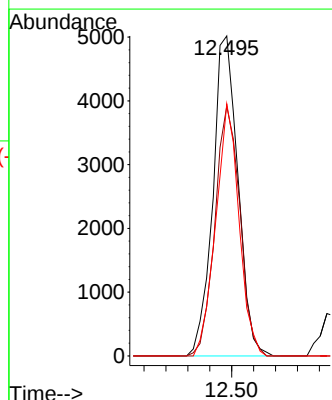
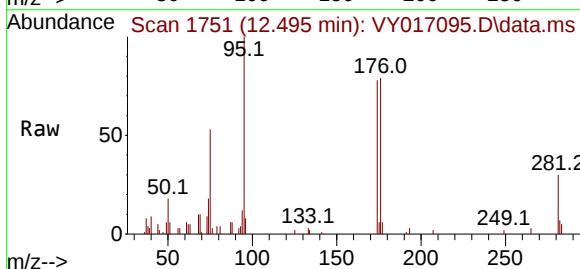
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

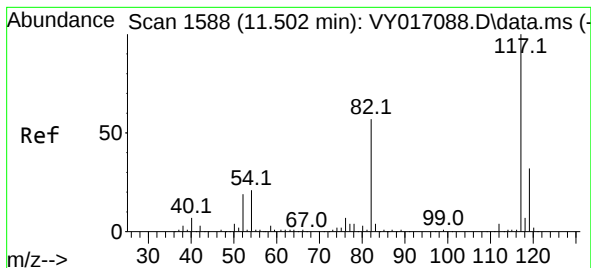
Tgt Ion:107 Resp: 5109
Ion Ratio Lower Upper
107 100
109 100.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 5.190 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 95 Resp: 7979
Ion Ratio Lower Upper
95 100
174 77.5 0.0 160.0
176 73.1 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: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

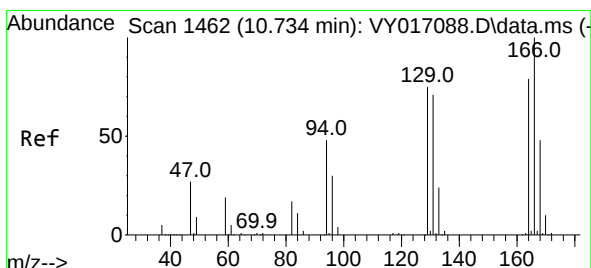
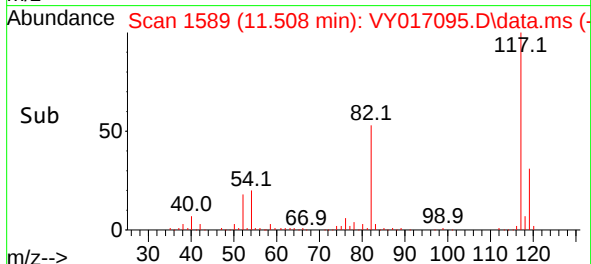
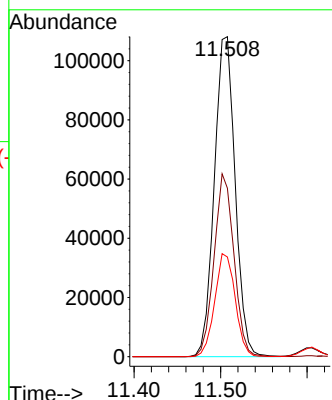
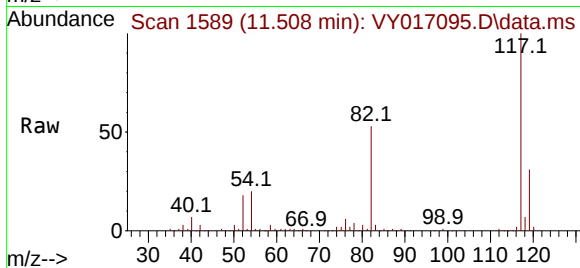
Tgt Ion:117 Resp: 180730

Ion Ratio Lower Upper

117 100

82 52.6 43.8 65.8

119 31.2 26.5 39.7



#64

Tetrachloroethene

Concen: 5.507 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Tgt Ion:164 Resp: 6743

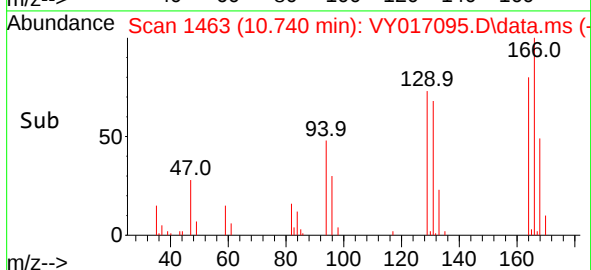
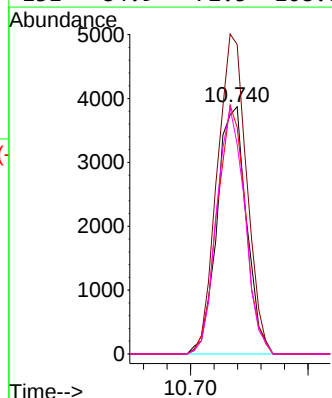
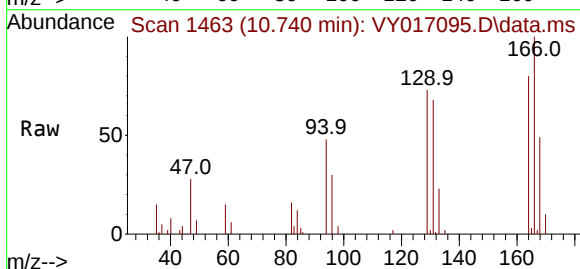
Ion Ratio Lower Upper

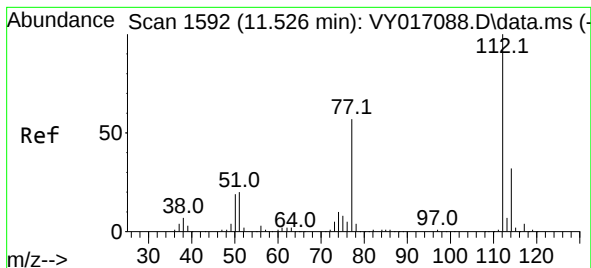
164 100

166 125.2 98.8 148.2

129 91.6 78.9 118.3

131 84.9 72.5 108.7





#65

Chlorobenzene

Concen: 5.342 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

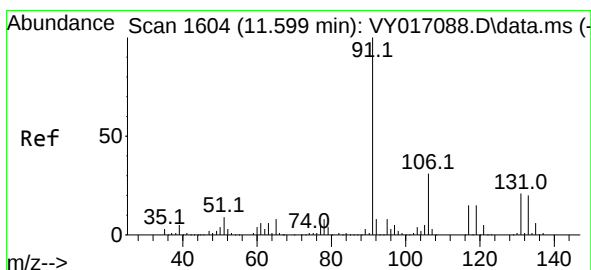
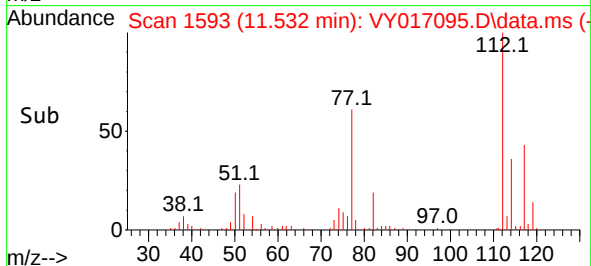
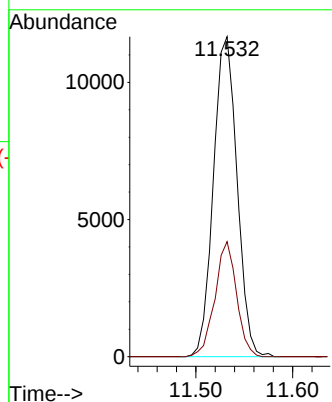
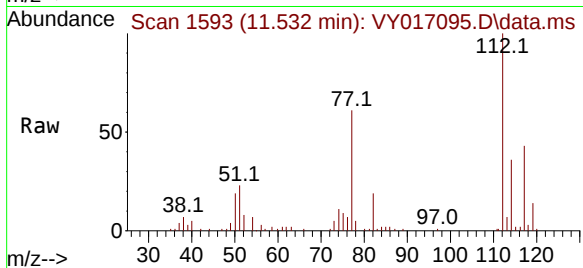
VSTDIC005

Tgt Ion:112 Resp: 19793

Ion Ratio Lower Upper

112 100

114 35.9 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 4.905 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

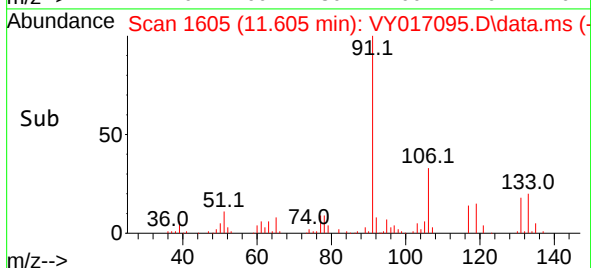
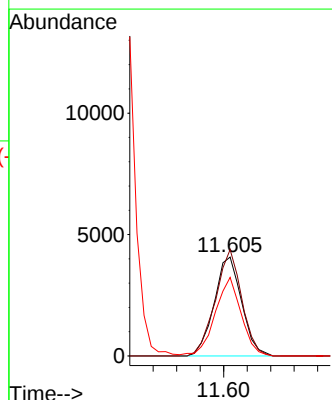
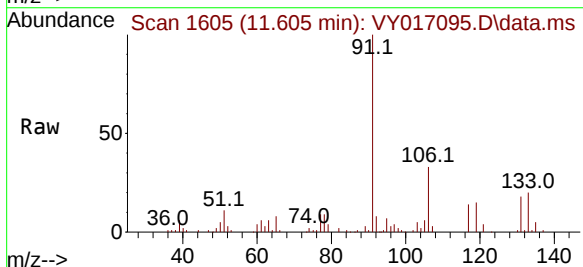
Tgt Ion:131 Resp: 6616

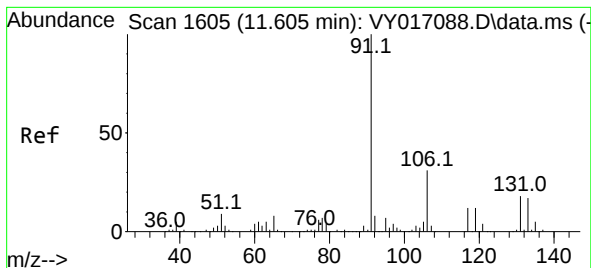
Ion Ratio Lower Upper

131 100

133 103.2 47.0 141.0

119 75.2 33.3 99.9





#67

Ethyl Benzene

Concen: 5.034 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

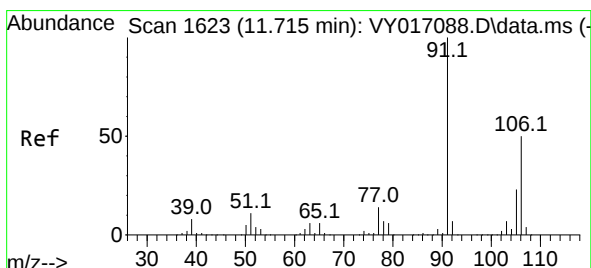
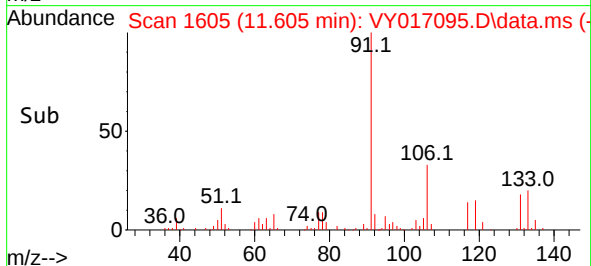
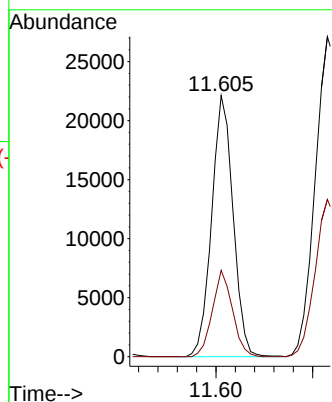
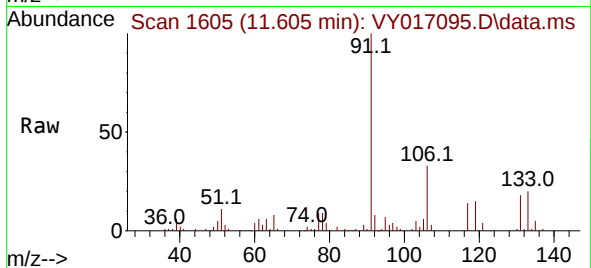
VSTDIC005

Tgt Ion: 91 Resp: 34077

Ion Ratio Lower Upper

91 100

106 33.1 25.0 37.4



#68

m/p-Xylenes

Concen: 9.841 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY017095.D

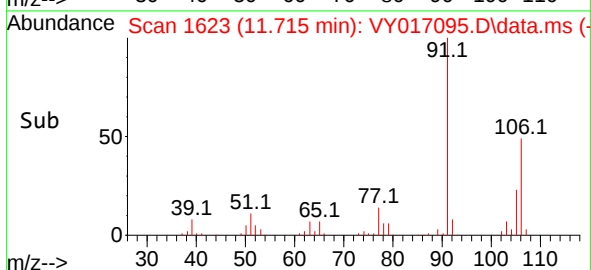
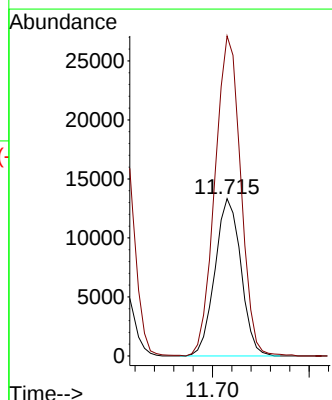
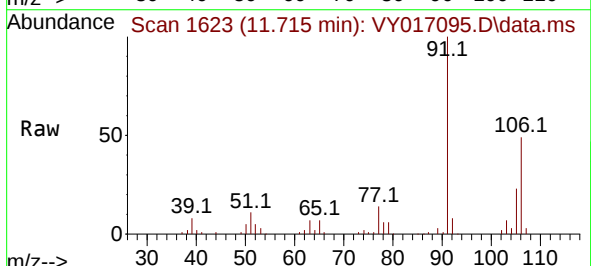
Acq: 24 Jan 2024 17:31

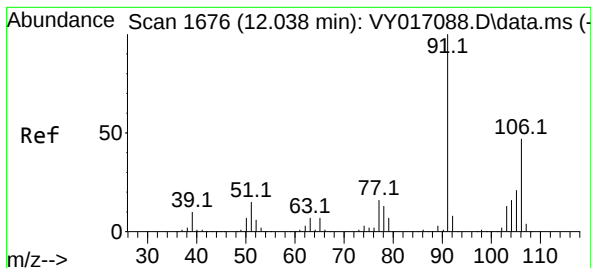
Tgt Ion:106 Resp: 24857

Ion Ratio Lower Upper

106 100

91 201.8 160.7 241.1





#69

o-Xylene

Concen: 4.875 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

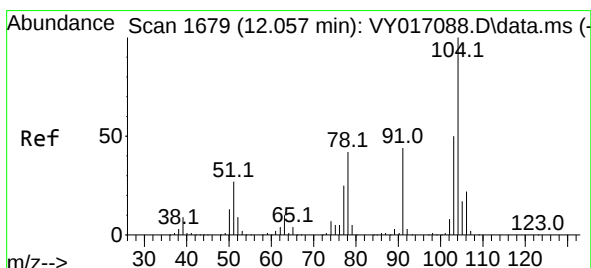
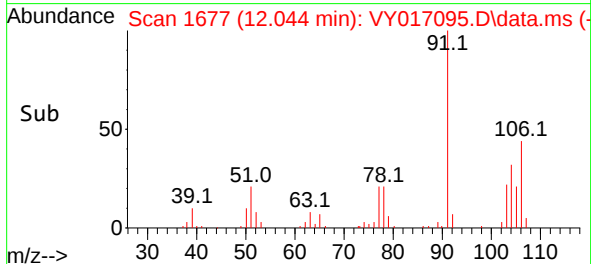
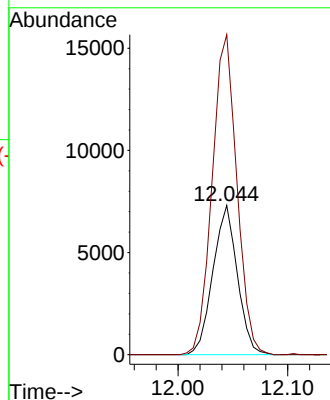
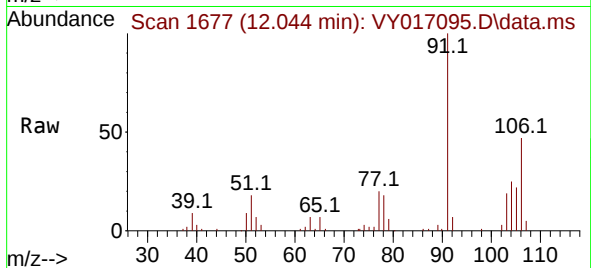
VSTDIC005

Tgt Ion:106 Resp: 11319

Ion Ratio Lower Upper

106 100

91 216.4 106.5 319.5



#70

Styrene

Concen: 4.642 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

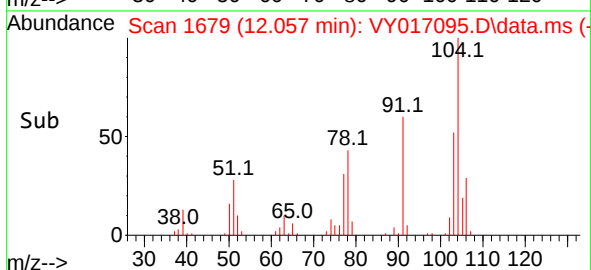
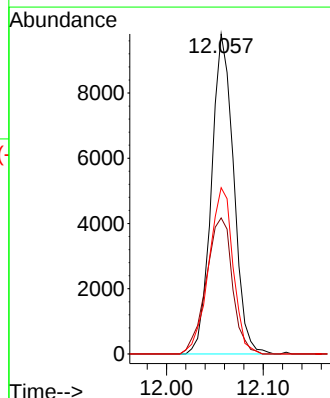
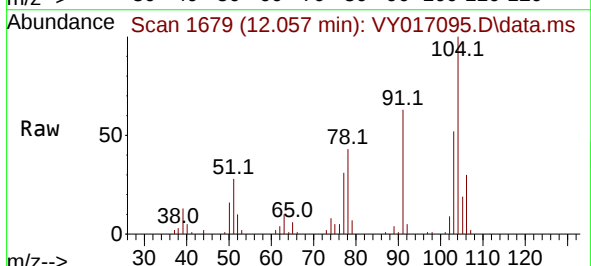
Tgt Ion:104 Resp: 15638

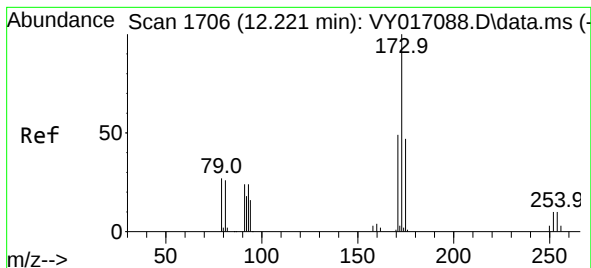
Ion Ratio Lower Upper

104 100

78 50.2 39.2 58.8

103 56.8 43.8 65.6





#71

Bromoform

Concen: 5.194 ug/l

RT: 12.221 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

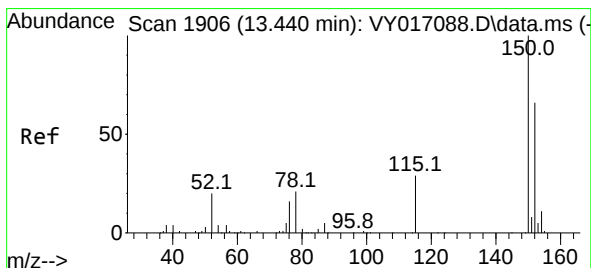
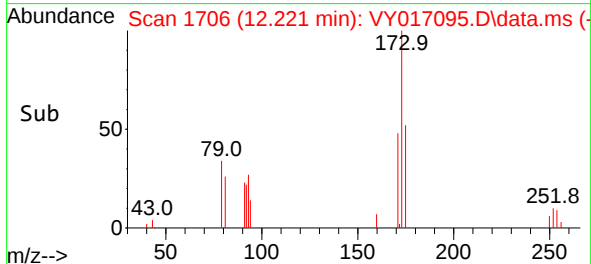
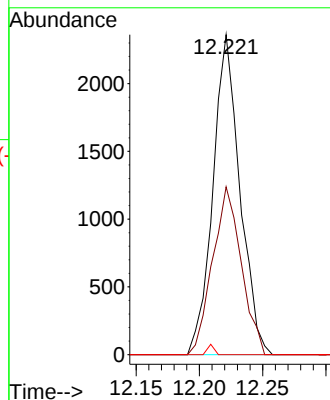
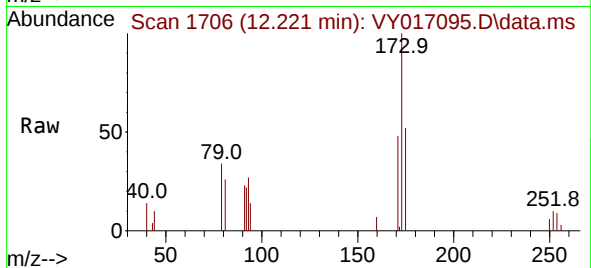
Tgt Ion:173 Resp: 3495

Ion Ratio Lower Upper

173 100

175 55.8 23.5 70.6

254 0.8 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

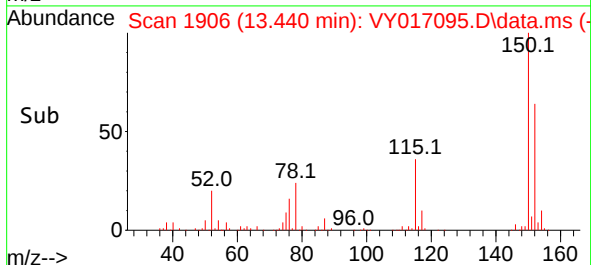
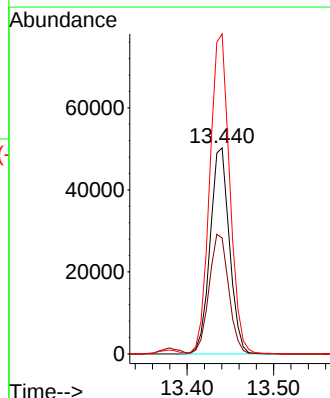
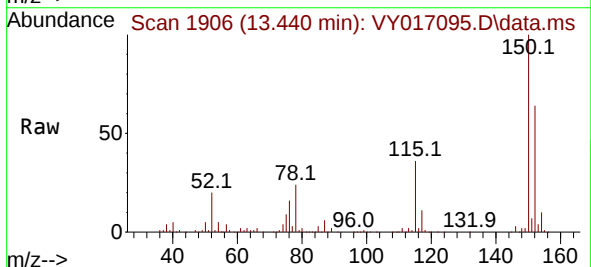
Tgt Ion:152 Resp: 77775

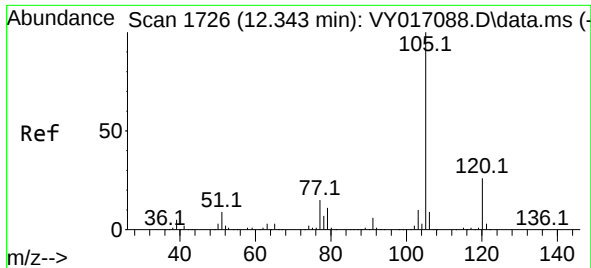
Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 160.1 0.0 344.6

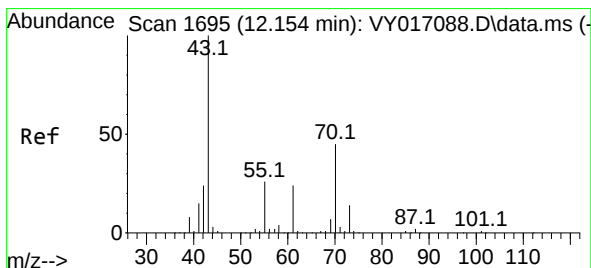
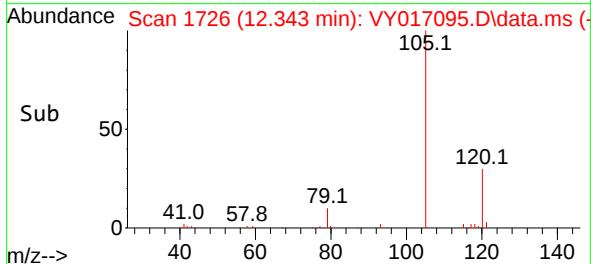
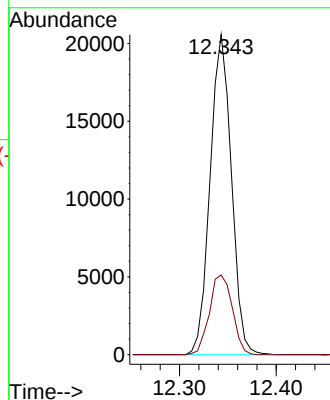
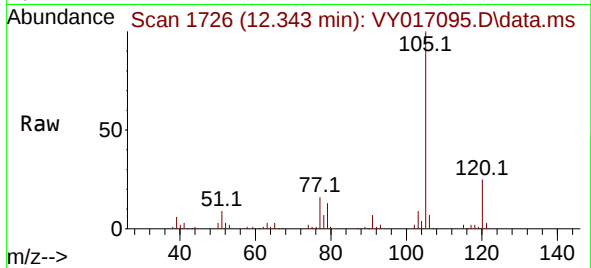




#73
Isopropylbenzene
Concen: 5.088 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

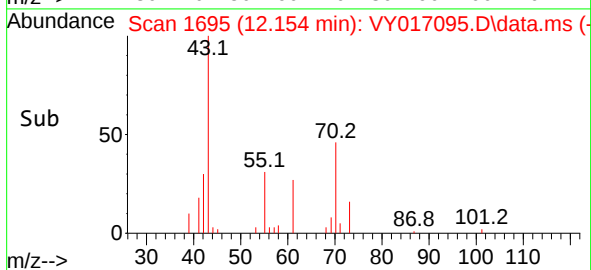
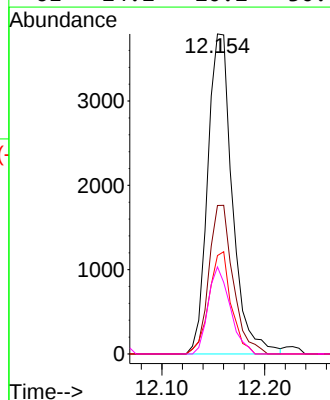
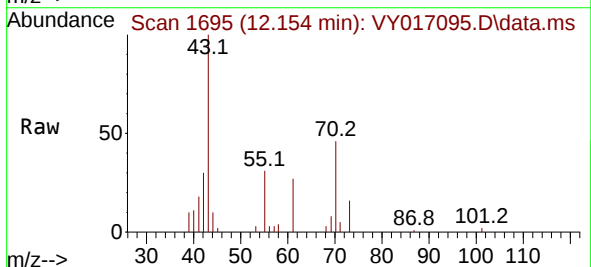
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

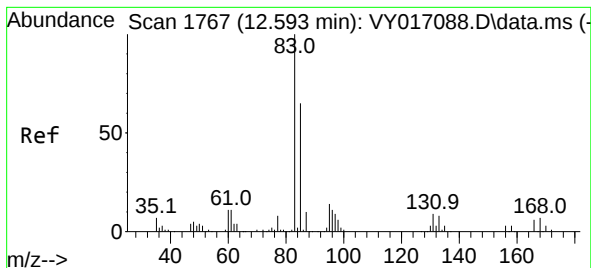
Tgt Ion:105 Resp: 31466
Ion Ratio Lower Upper
105 100
120 26.7 13.0 39.0



#74
N-ethyl acetate
Concen: 5.105 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 43 Resp: 6346
Ion Ratio Lower Upper
43 100
70 45.3 36.6 55.0
55 28.7 22.2 33.4
61 24.2 20.2 30.4

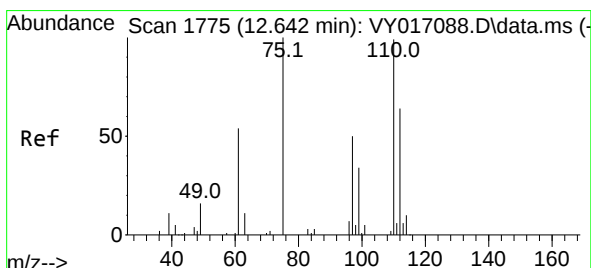
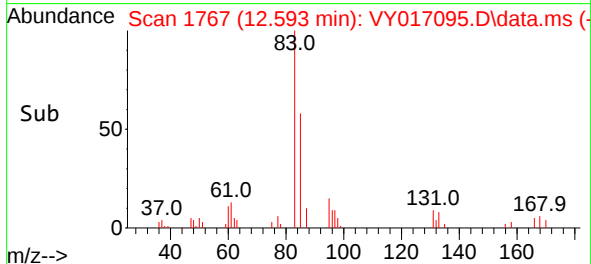
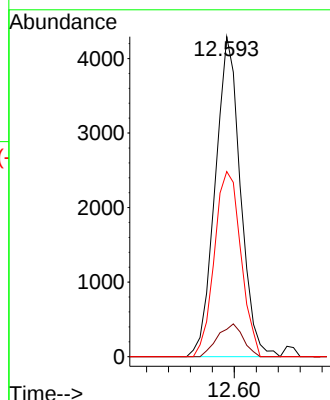
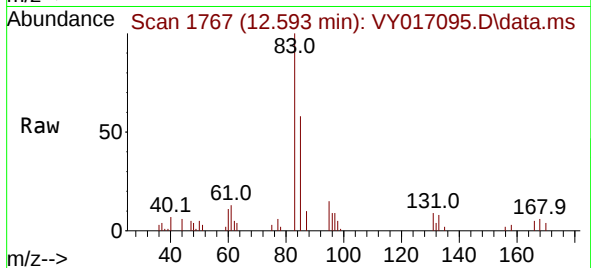




#75
1,1,2,2-Tetrachloroethane
Concen: 5.856 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

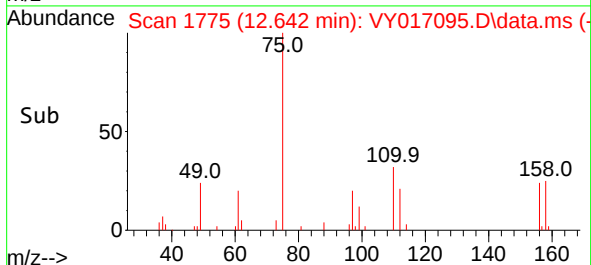
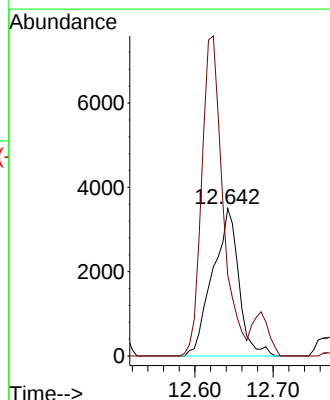
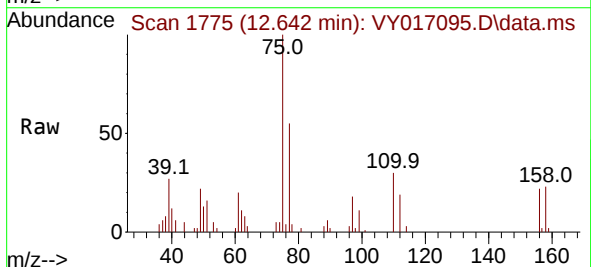
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

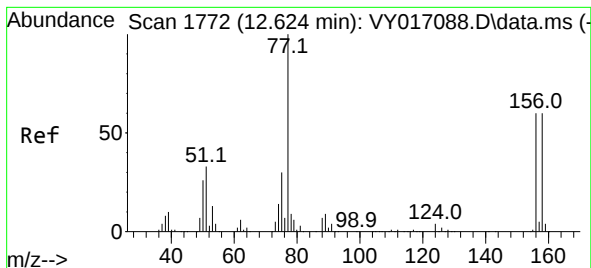
Tgt Ion: 83 Resp: 6868
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.6
85 60.6 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 8.084 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion: 75 Resp: 8092
Ion Ratio Lower Upper
75 100
77 176.1 0.0 0.0#





#77

Bromobenzene

Concen: 5.372 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

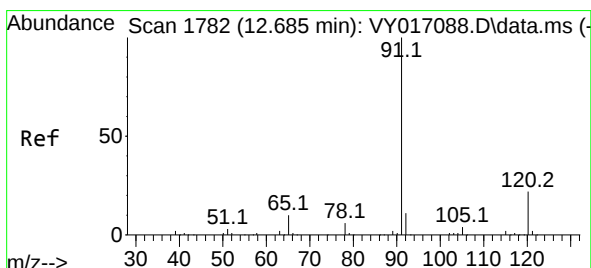
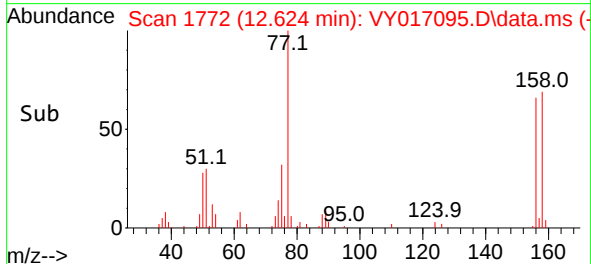
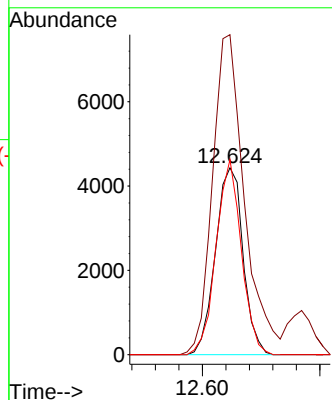
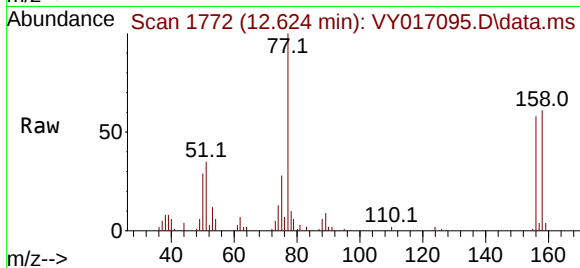
Tgt Ion:156 Resp: 7229

Ion Ratio Lower Upper

156 100

77 197.1 97.3 291.8

158 95.7 48.4 145.0



#78

n-propylbenzene

Concen: 5.139 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY017095.D

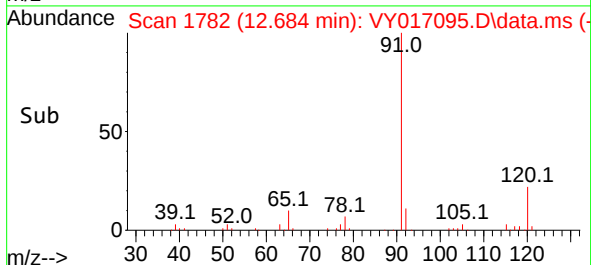
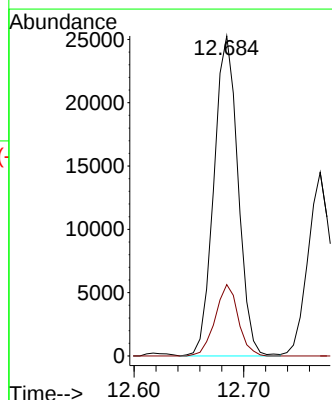
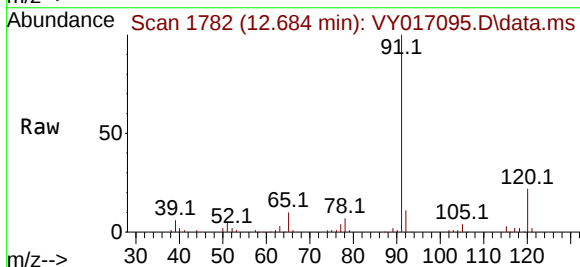
Acq: 24 Jan 2024 17:31

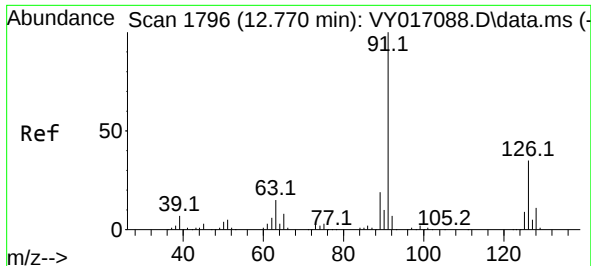
Tgt Ion: 91 Resp: 38650

Ion Ratio Lower Upper

91 100

120 21.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 5.283 ug/l

RT: 12.770 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

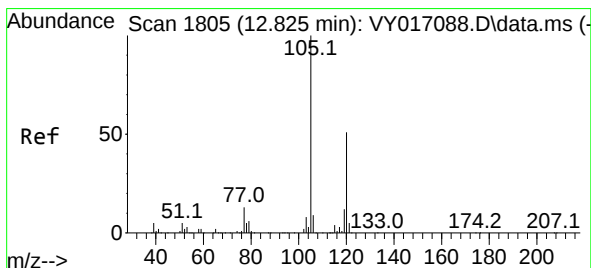
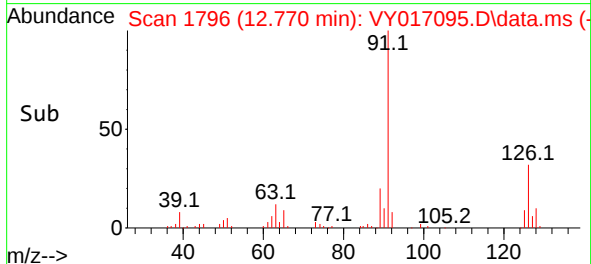
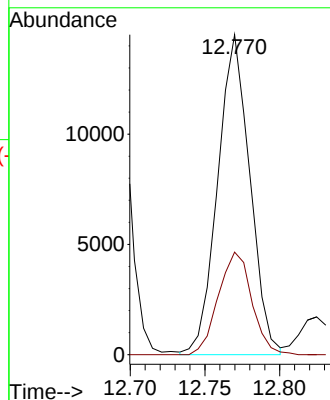
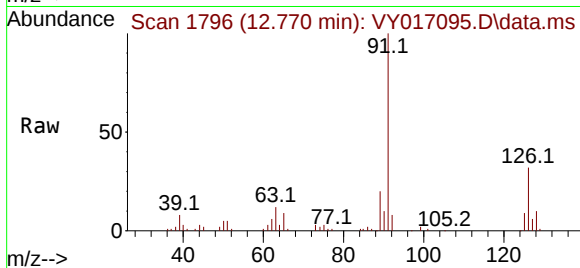
VSTDIC005

Tgt Ion: 91 Resp: 21697

Ion Ratio Lower Upper

91 100

126 33.3 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 5.050 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY017095.D

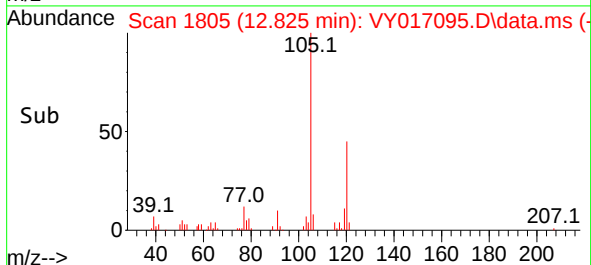
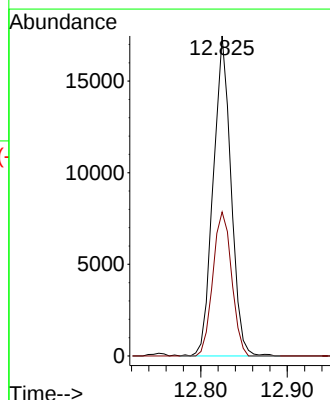
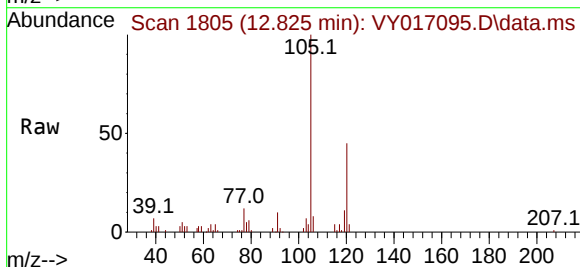
Acq: 24 Jan 2024 17:31

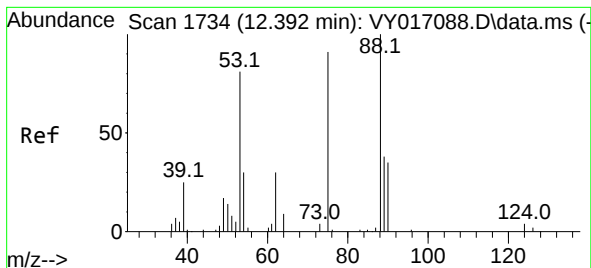
Tgt Ion: 105 Resp: 24908

Ion Ratio Lower Upper

105 100

120 47.4 24.3 72.8

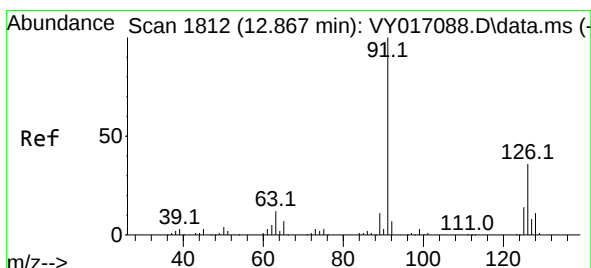
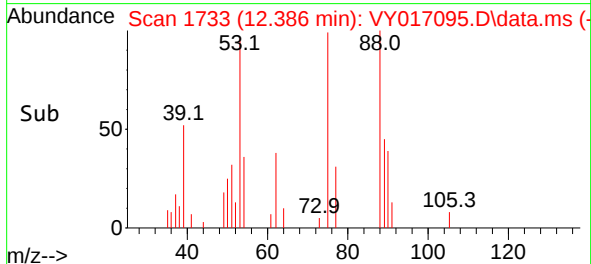
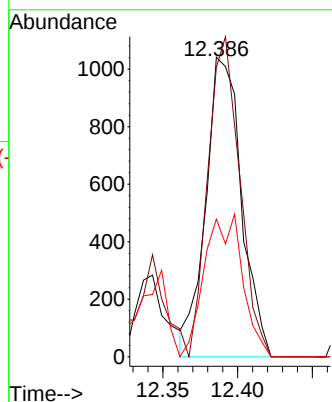
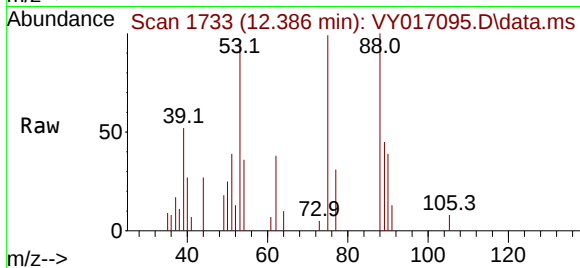




#81
trans-1,4-Dichloro-2-butene
Concen: 5.113 ug/l
RT: 12.386 min Scan# 1730
Delta R.T. -0.006 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

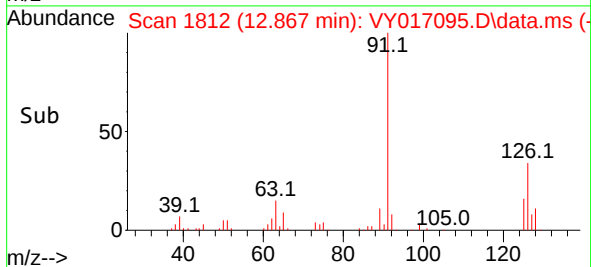
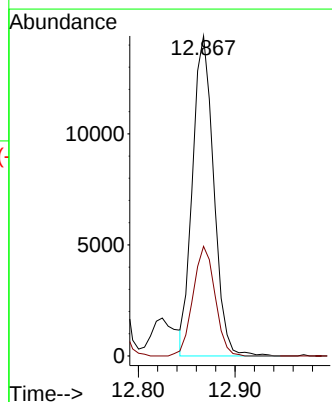
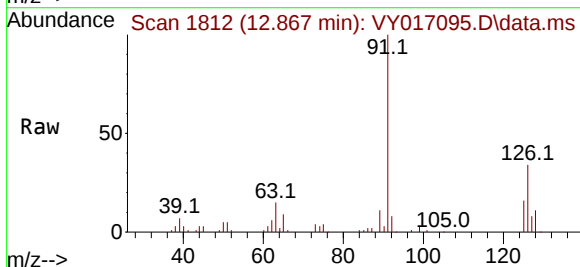
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

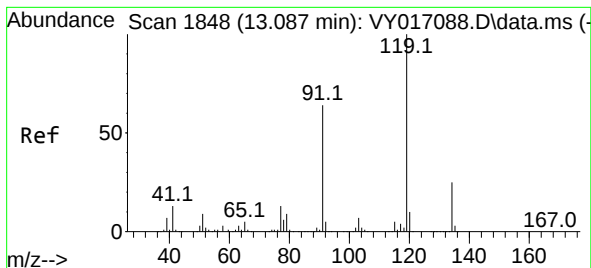
Tgt Ion:	75	Resp:	1730
Ion	Ratio	Lower	Upper
75	100		
53	95.2	74.0	111.0
89	50.2	36.5	54.7



#82
4-Chlorotoluene
Concen: 5.191 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY017095.D
Acq: 24 Jan 2024 17:31

Tgt Ion:	91	Resp:	21937
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.1	51.2





#83

tert-Butylbenzene

Concen: 5.081 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

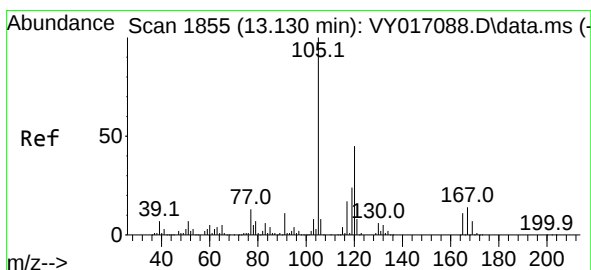
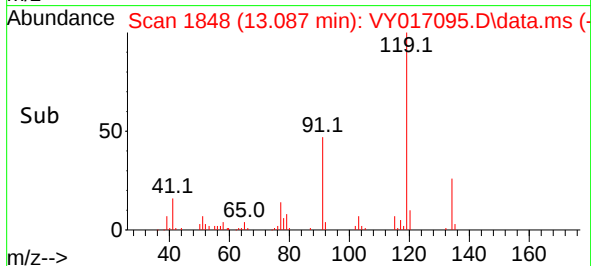
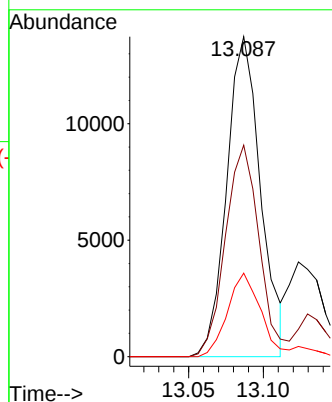
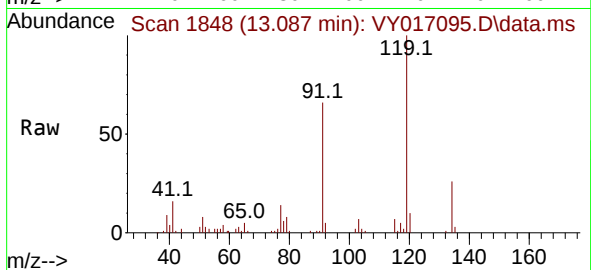
Tgt Ion:119 Resp: 21689

Ion Ratio Lower Upper

119 100

91 66.3 31.5 94.5

134 25.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 4.964 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017095.D

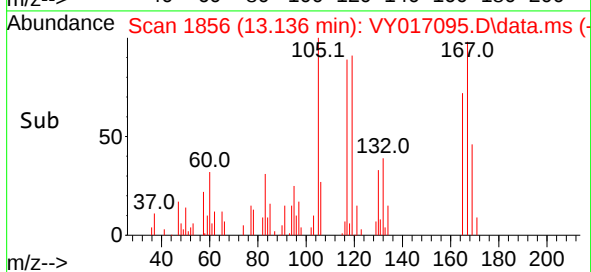
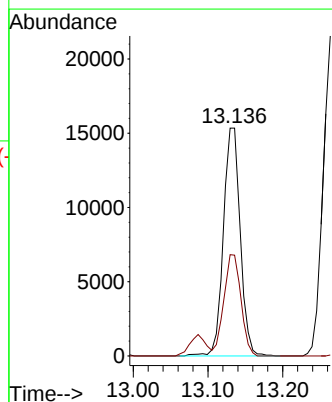
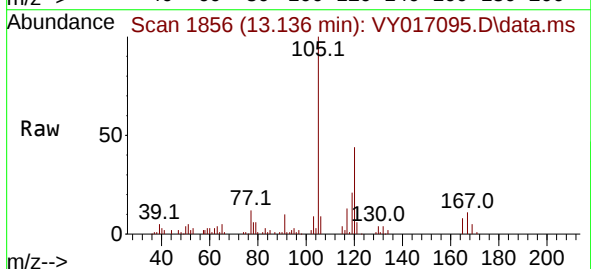
Acq: 24 Jan 2024 17:31

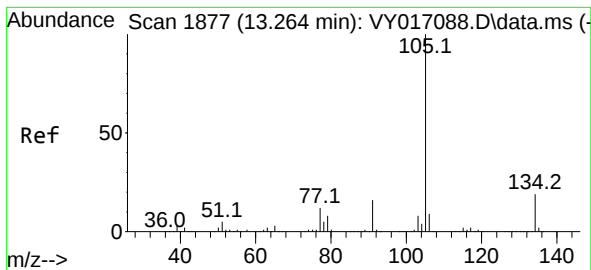
Tgt Ion:105 Resp: 24139

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 5.202 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

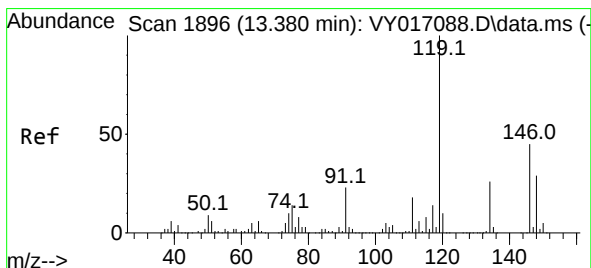
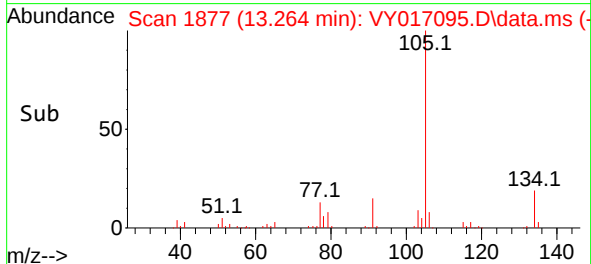
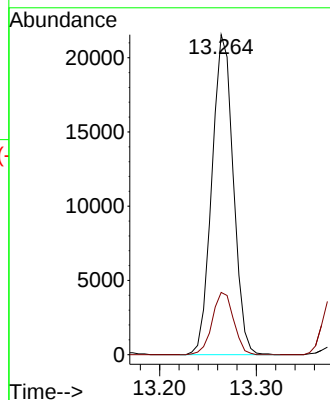
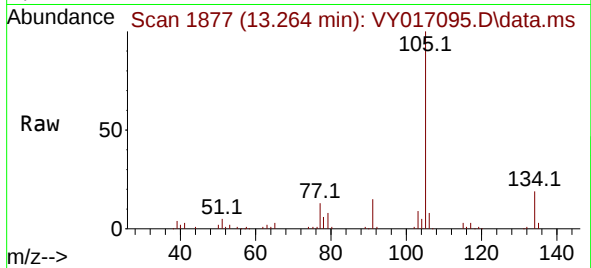
VSTDIC005

Tgt Ion:105 Resp: 33065

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 4.992 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

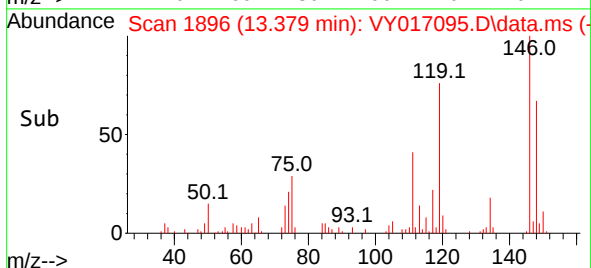
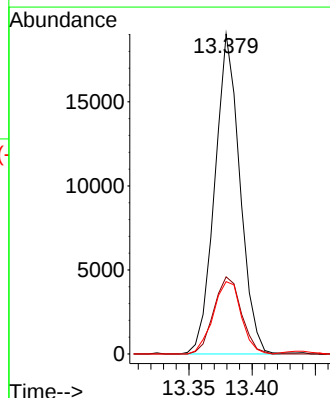
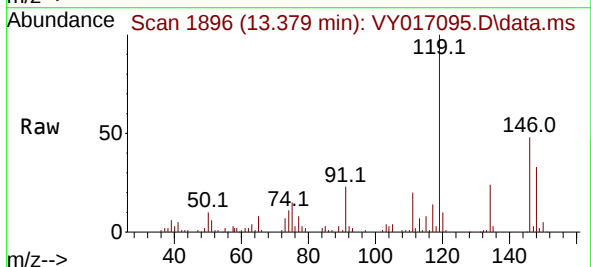
Tgt Ion:119 Resp: 26288

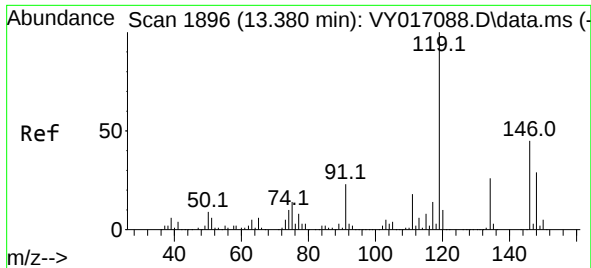
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 25.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 5.345 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

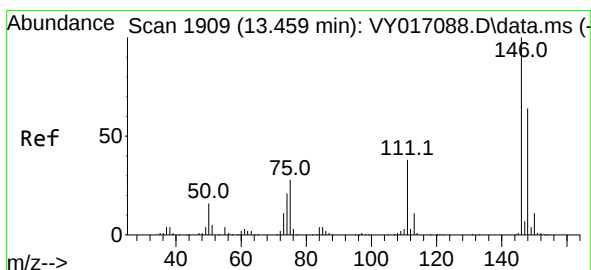
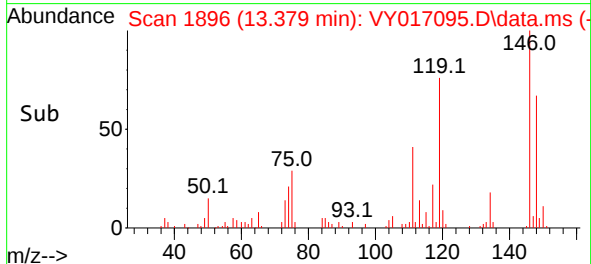
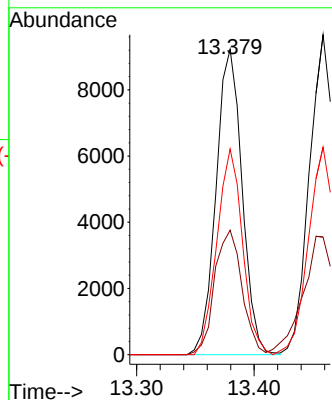
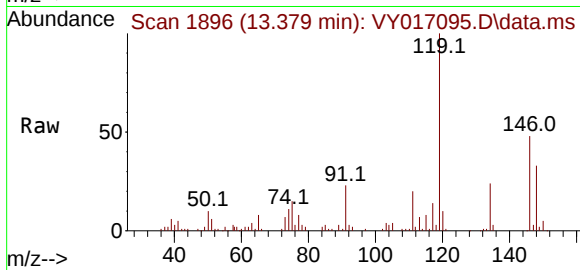
Tgt Ion:146 Resp: 14222

Ion Ratio Lower Upper

146 100

111 42.8 20.2 60.5

148 66.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 5.614 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

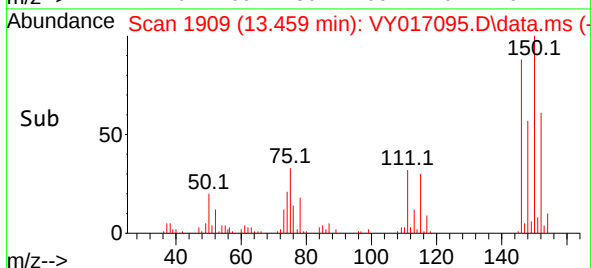
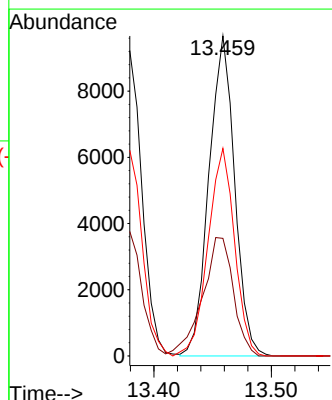
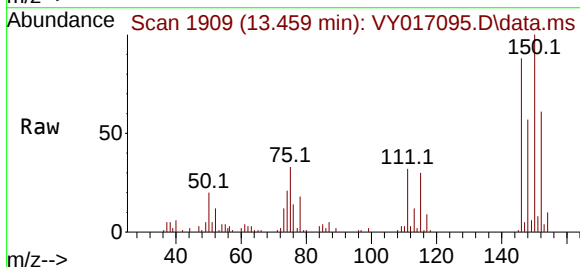
Tgt Ion:146 Resp: 14693

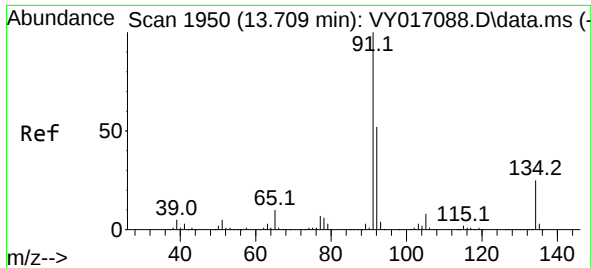
Ion Ratio Lower Upper

146 100

111 44.6 19.3 57.9

148 67.1 31.6 94.7





#89

n-Butylbenzene

Concen: 5.209 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

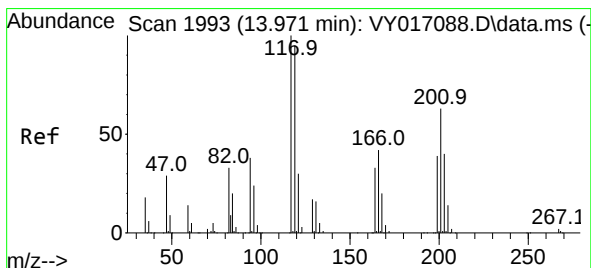
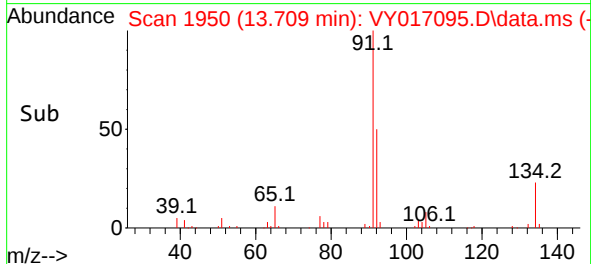
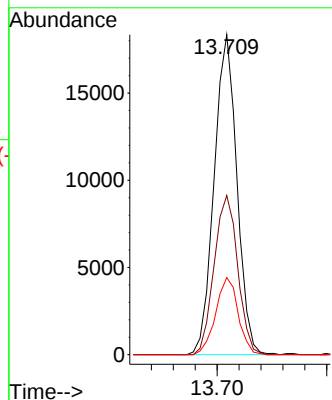
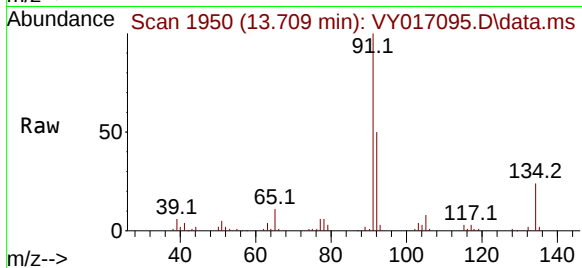
Tgt Ion: 91 Resp: 26450

Ion Ratio Lower Upper

91 100

92 51.5 26.4 79.2

134 23.9 12.3 36.8



#90

Hexachloroethane

Concen: 5.611 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017095.D

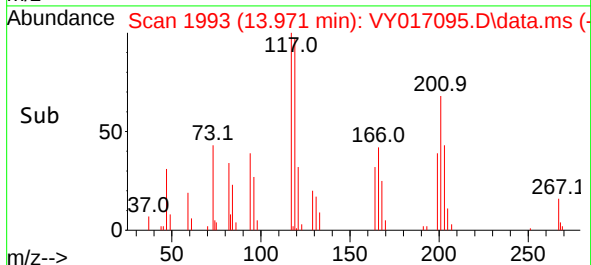
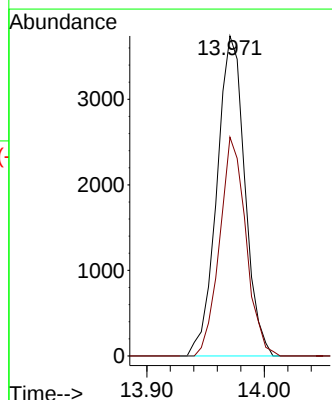
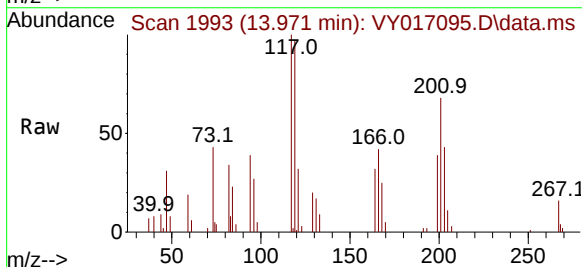
Acq: 24 Jan 2024 17:31

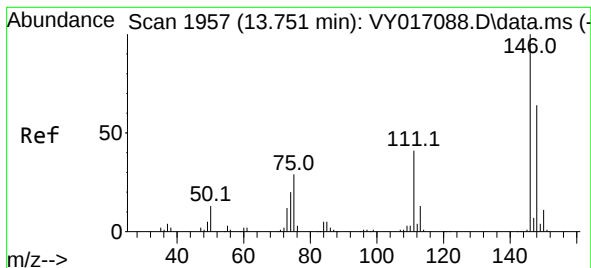
Tgt Ion: 117 Resp: 6185

Ion Ratio Lower Upper

117 100

201 64.3 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 5.629 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

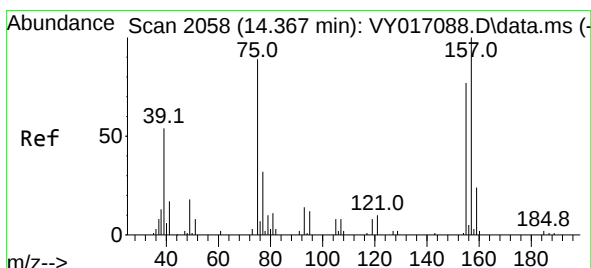
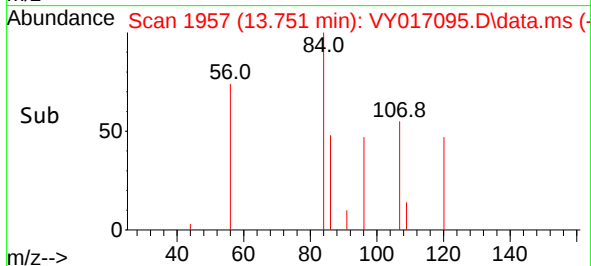
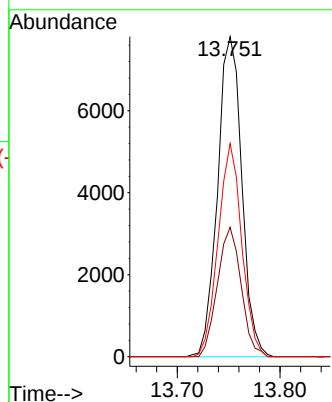
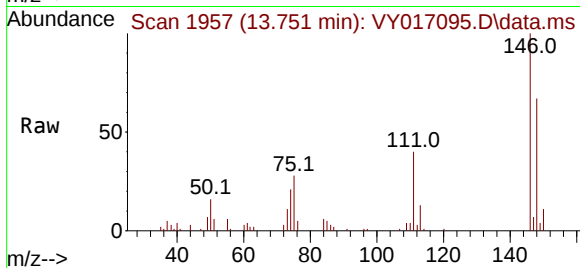
Tgt Ion:146 Resp: 12762

Ion Ratio Lower Upper

146 100

111 39.5 20.5 61.6

148 65.0 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.107 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

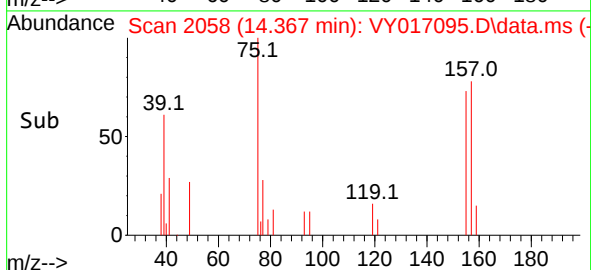
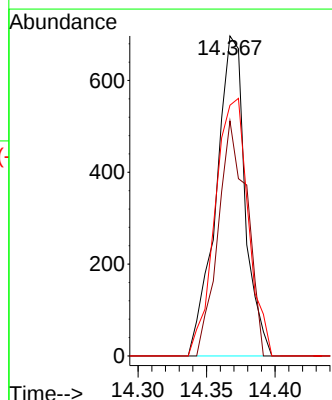
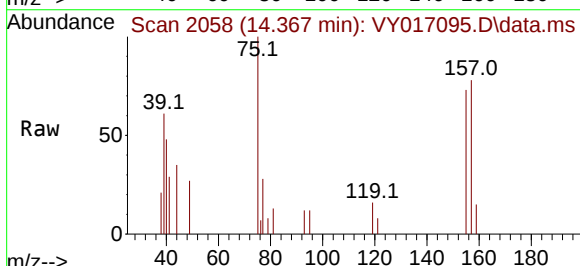
Tgt Ion: 75 Resp: 1030

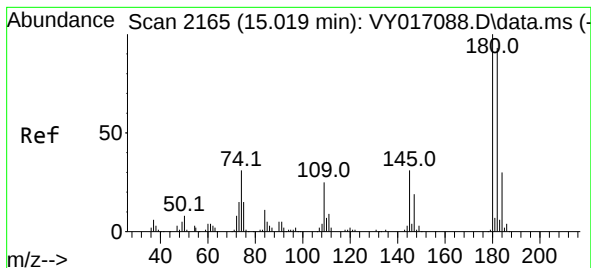
Ion Ratio Lower Upper

75 100

155 72.5 42.1 126.3

157 91.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 5.604 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

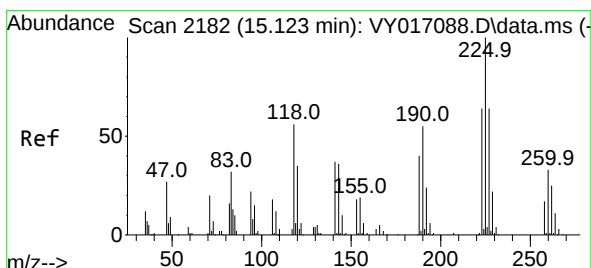
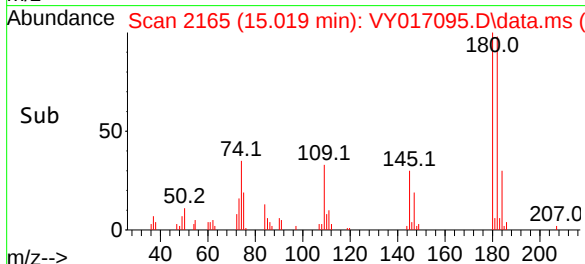
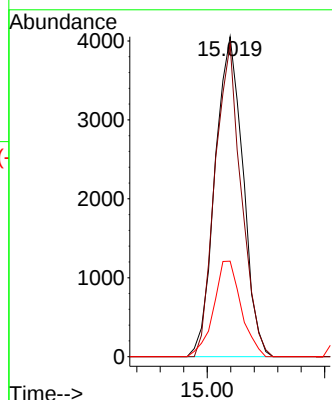
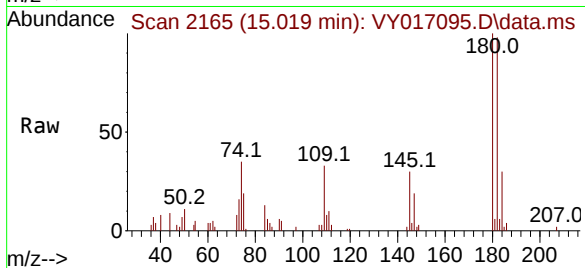
Tgt Ion:180 Resp: 6691

Ion Ratio Lower Upper

180 100

182 91.8 47.9 143.7

145 29.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 5.733 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

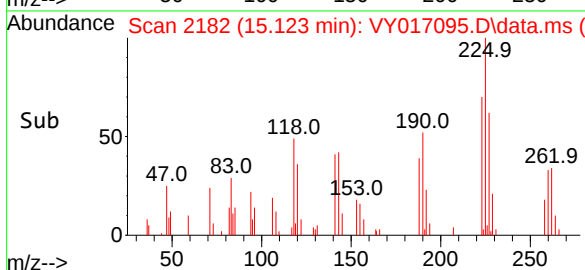
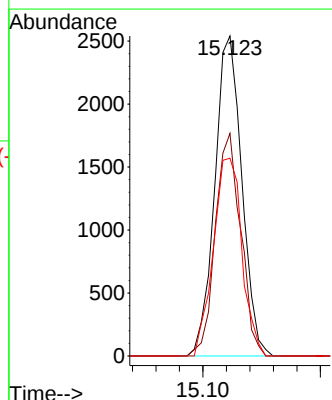
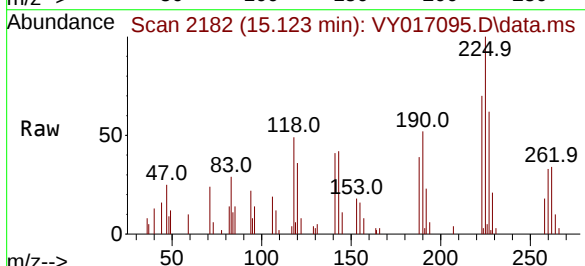
Tgt Ion:225 Resp: 4063

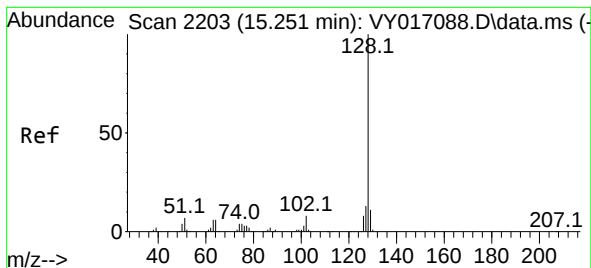
Ion Ratio Lower Upper

225 100

223 65.3 31.4 94.3

227 65.2 32.3 96.8





#95

Naphthalene

Concen: 7.866 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

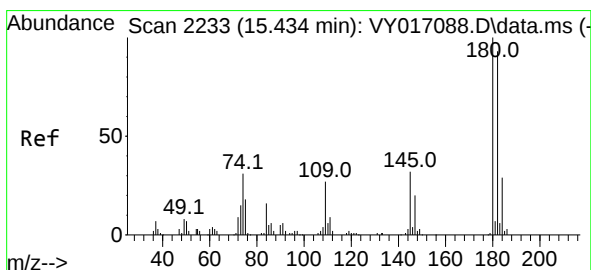
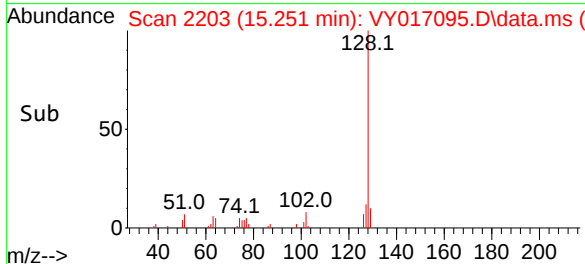
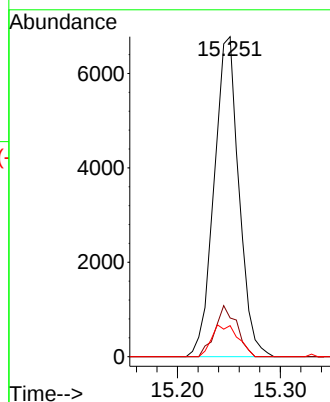
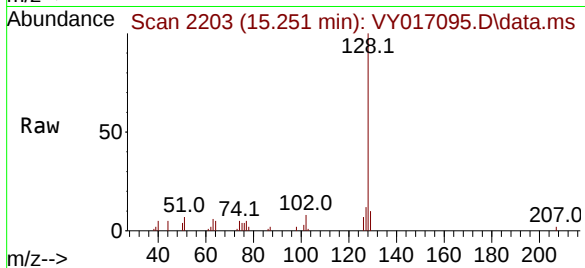
Tgt Ion:128 Resp: 11338

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 6.081 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017095.D

Acq: 24 Jan 2024 17:31

Tgt Ion:180 Resp: 6067

Ion Ratio Lower Upper

180 100

182 94.6 46.3 138.8

145 32.4 16.1 48.2

