

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017705.D
 Acq On : 19 Mar 2024 12:01
 Operator : SY/MD
 Sample : VY0319SBL03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBL03

Quant Time: Mar 20 03:01:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	136441	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	229706	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	198854	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	81467	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61338	47.435	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.880%
35) Dibromofluoromethane	7.734	113	71160	44.457	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.920%
50) Toluene-d8	10.191	98	258740	46.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.460%
62) 4-Bromofluorobenzene	12.495	95	69517	39.524	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.040%

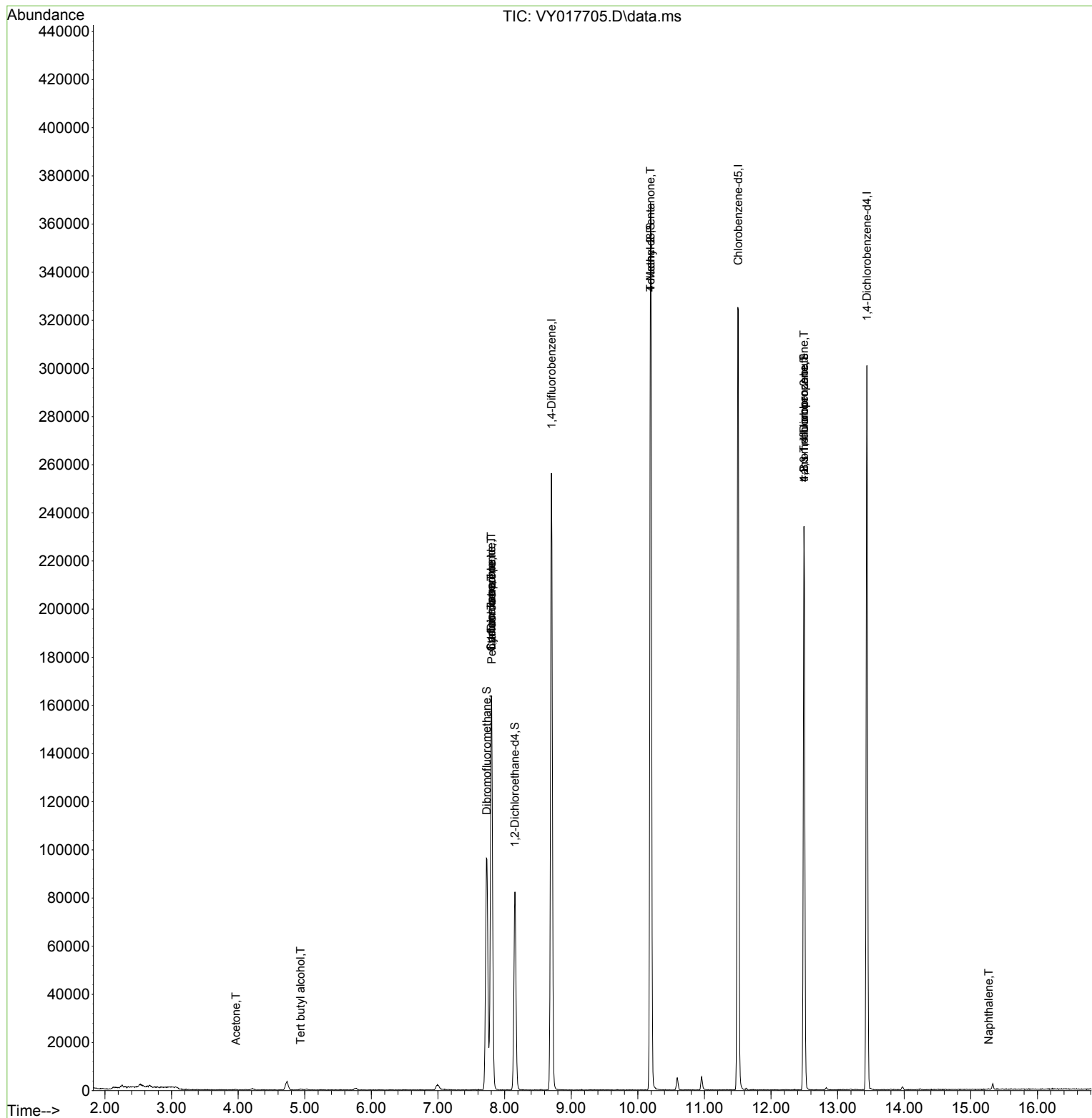
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	135	1.229	ug/l #	88
16) Acetone	3.966	43	443	1.766	ug/l #	36
20) Methylene Chloride	4.734	84	2883	Below Cal		94
31) Cyclohexane	7.801	56	2322	1.103	ug/l #	16
36) 1,1-Dichloropropene	7.801	75	9283	4.298	ug/l #	48
38) Carbon Tetrachloride	7.801	117	12974	5.994	ug/l #	16
51) 4-Methyl-2-Pentanone	10.191	43	838	1.003	ug/l #	1
76) 1,2,3-Trichloropropane	12.495	75	34800	44.958	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	34800	103.303	ug/l #	16
95) Naphthalene	15.269	128	162	3.973	ug/l #	69

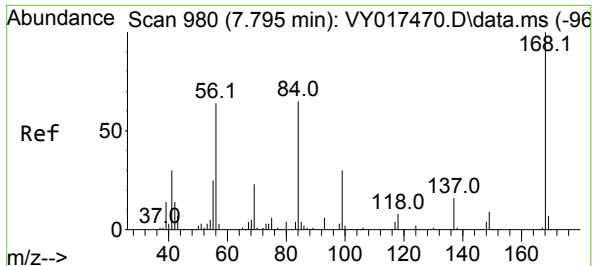
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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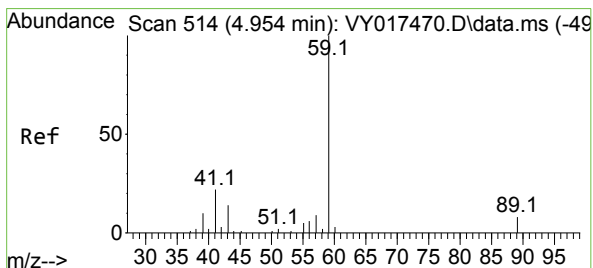
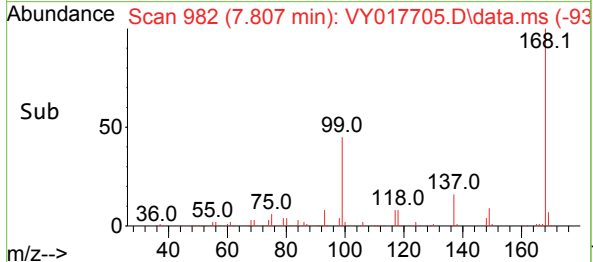
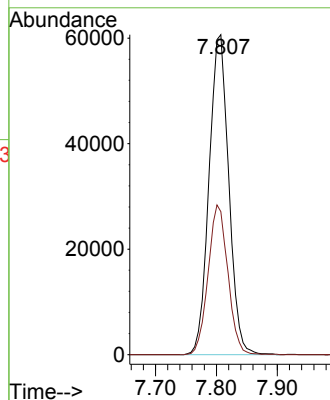
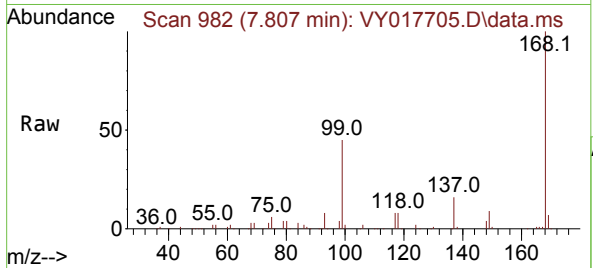




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

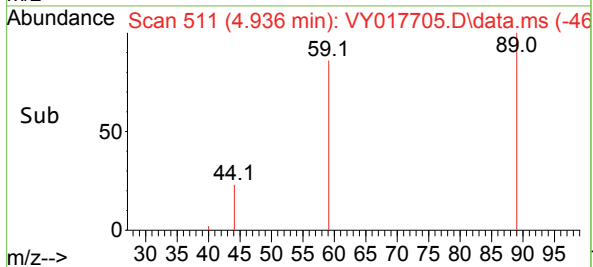
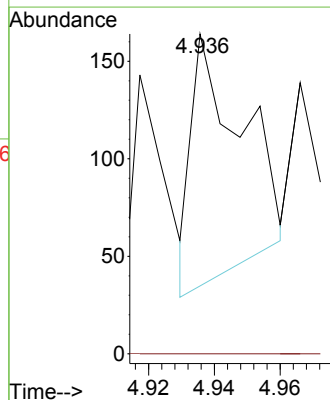
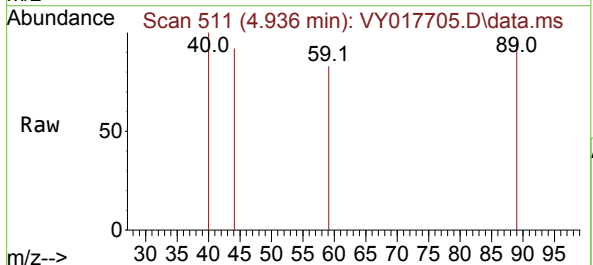
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL03

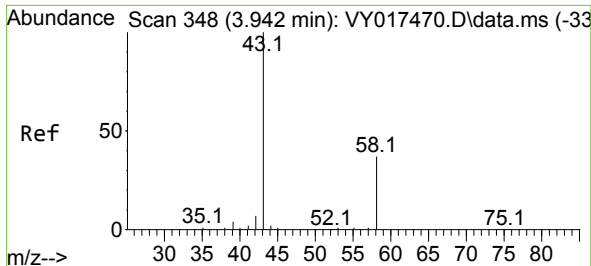
Tgt Ion:168 Resp: 136441
Ion Ratio Lower Upper
168 100
99 44.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.229 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

Tgt Ion: 59 Resp: 135
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.766 ug/l

RT: 3.966 min Scan# 3

Delta R.T. 0.024 min

Lab File: VY017705.D

Acq: 19 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

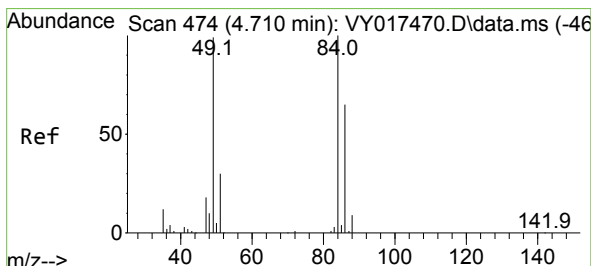
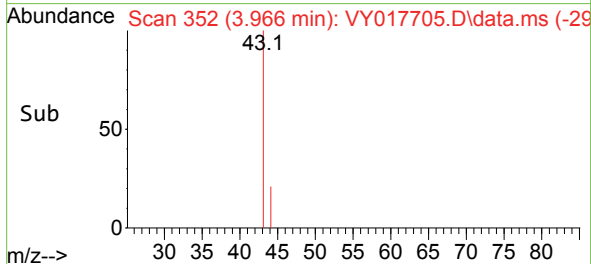
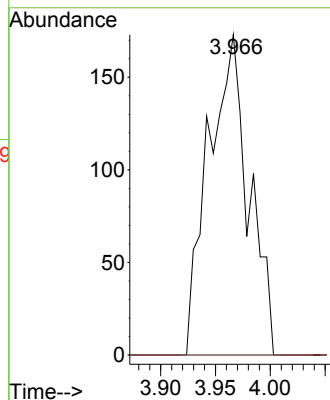
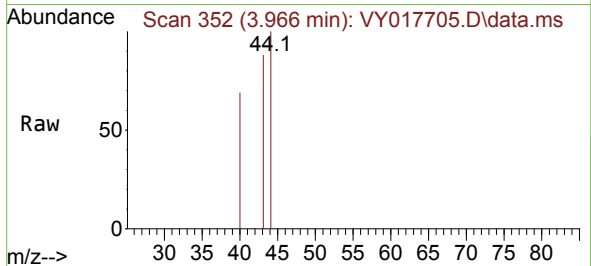
VY0319SBL03

Tgt Ion: 43 Resp: 443

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.734 min Scan# 478

Delta R.T. 0.024 min

Lab File: VY017705.D

Acq: 19 Mar 2024 12:01

Tgt Ion: 84 Resp: 2883

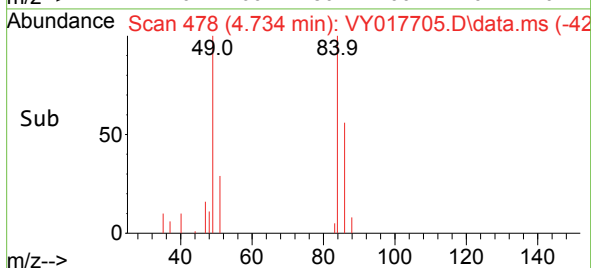
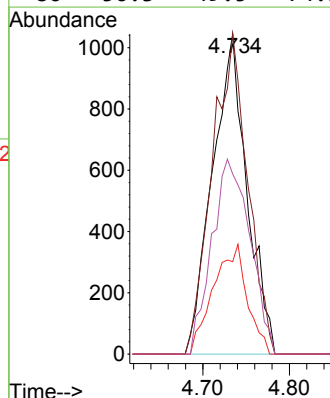
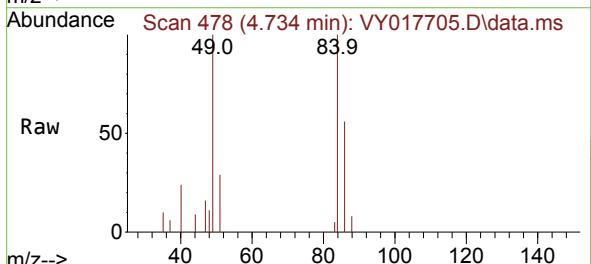
Ion Ratio Lower Upper

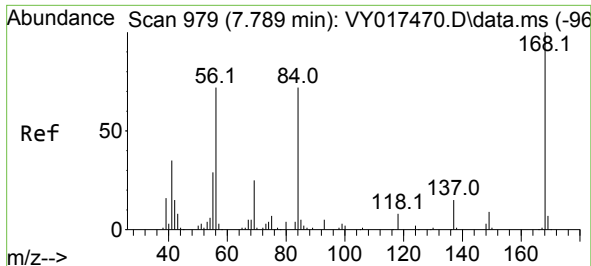
84 100

49 100.0 84.4 126.6

51 28.9 26.0 39.0

86 56.3 49.5 74.3

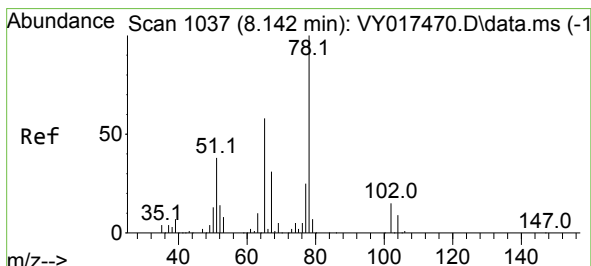
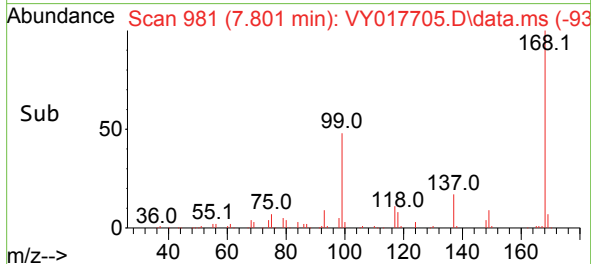
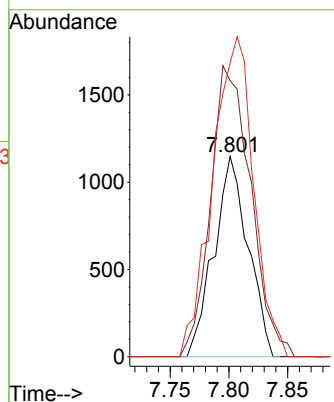
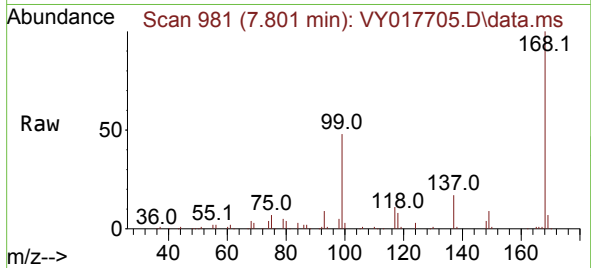




#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

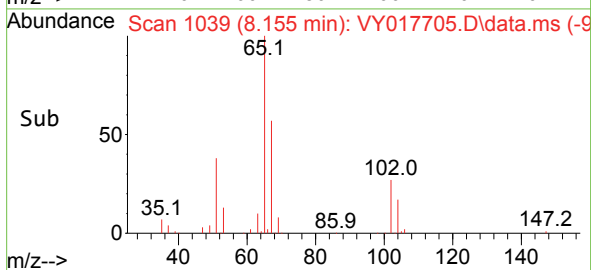
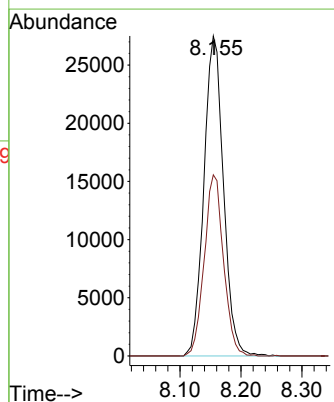
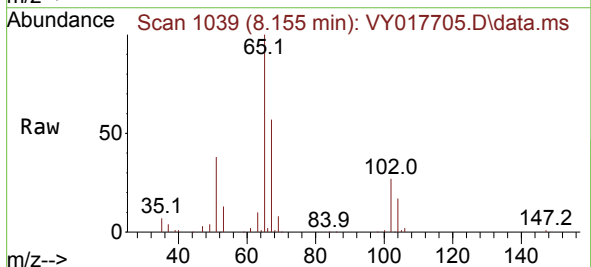
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL03

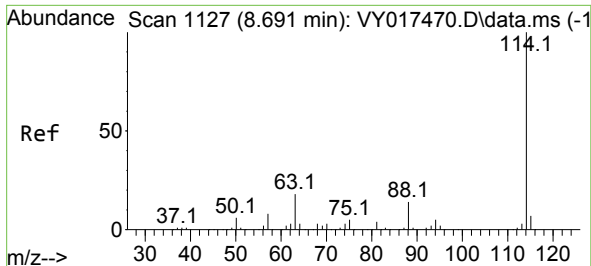
Tgt Ion: 56 Resp: 2322
Ion Ratio Lower Upper
56 100
69 137.9 28.7 43.1#
84 146.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 47.435 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

Tgt Ion: 65 Resp: 61338
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017705.D

Acq: 19 Mar 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBL03

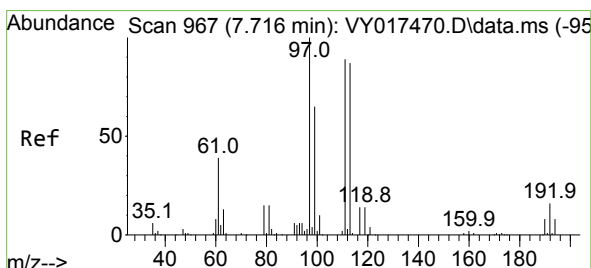
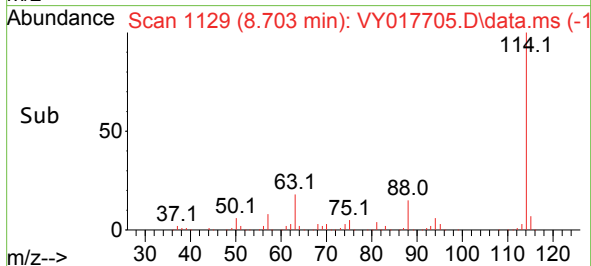
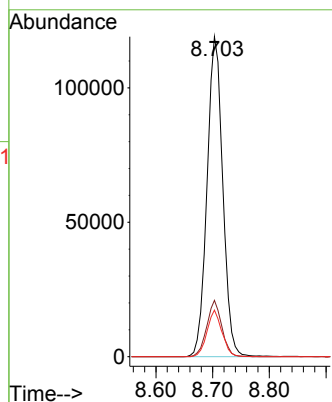
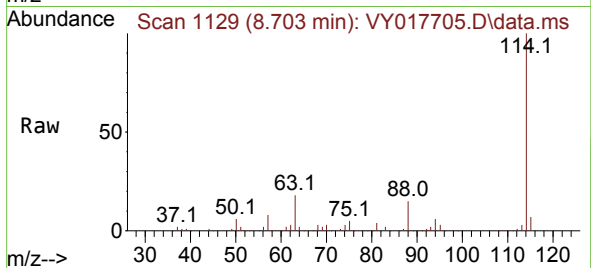
Tgt Ion:114 Resp: 229706

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.457 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017705.D

Acq: 19 Mar 2024 12:01

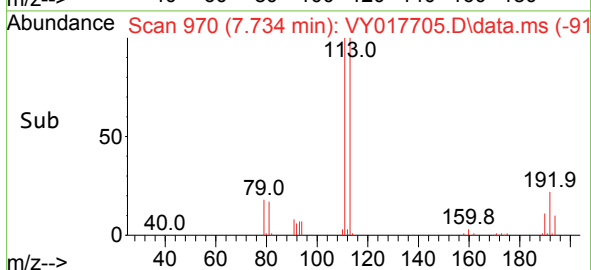
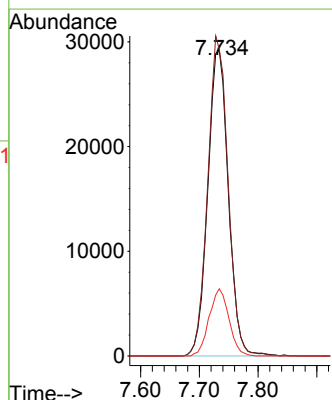
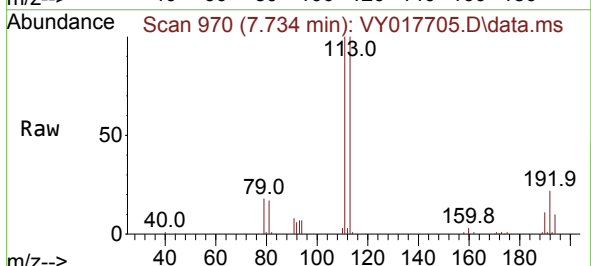
Tgt Ion:113 Resp: 71160

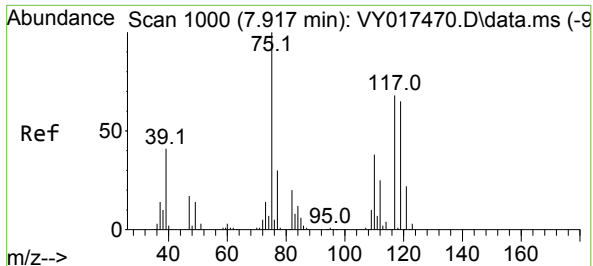
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 21.2 15.9 23.9

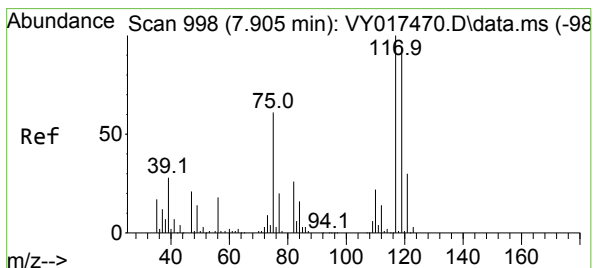
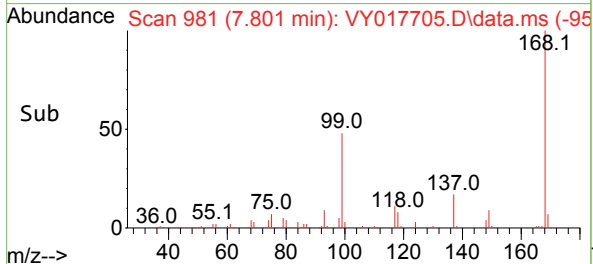
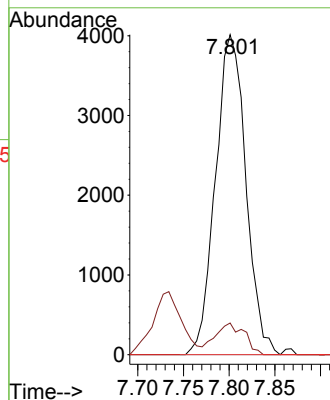
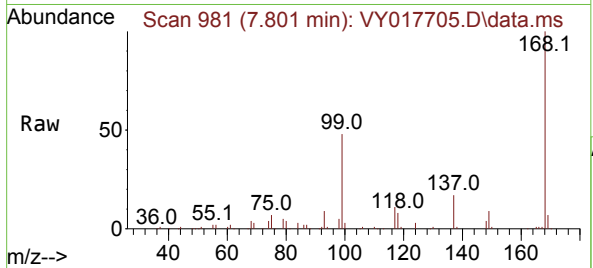




#36
1,1-Dichloropropene
Concen: 4.298 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

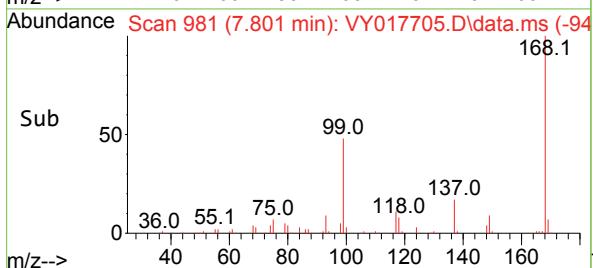
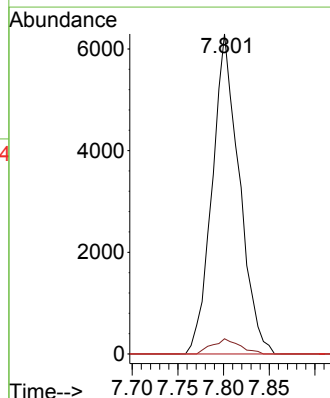
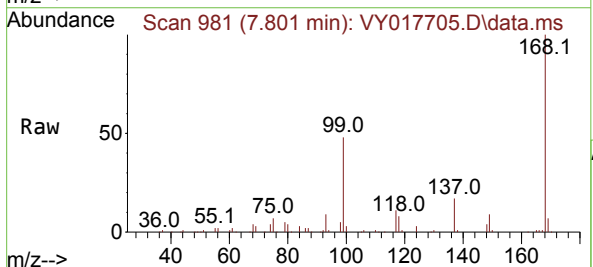
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL03

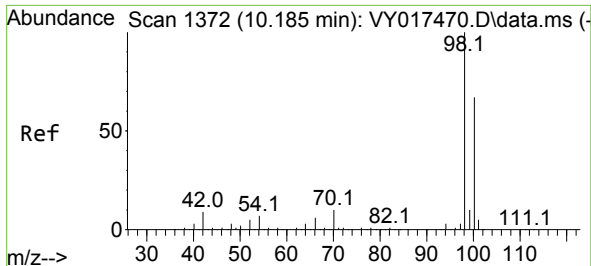
Tgt Ion: 75 Resp: 9283
Ion Ratio Lower Upper
75 100
110 9.5 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.994 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

Tgt Ion: 117 Resp: 12974
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#

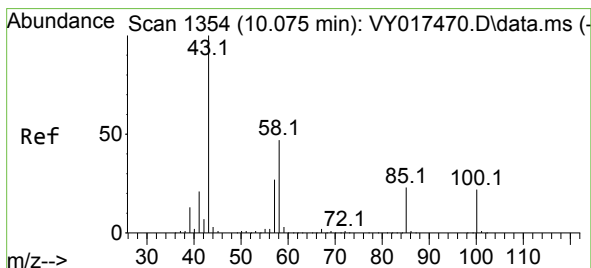
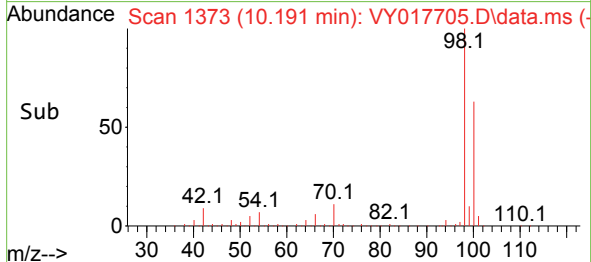
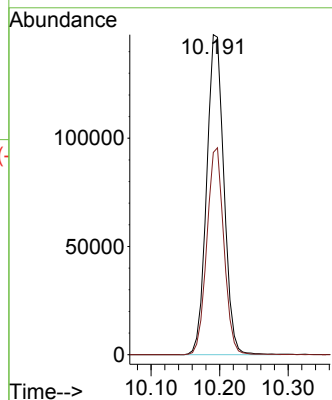
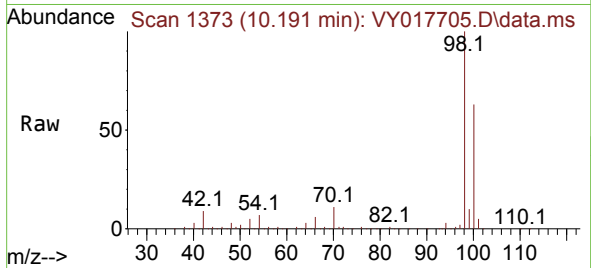




#50
Toluene-d8
Concen: 46.232 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

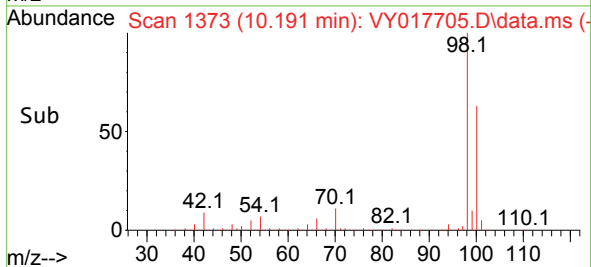
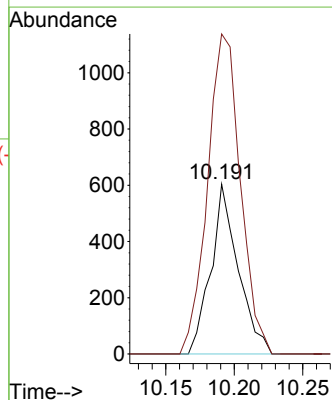
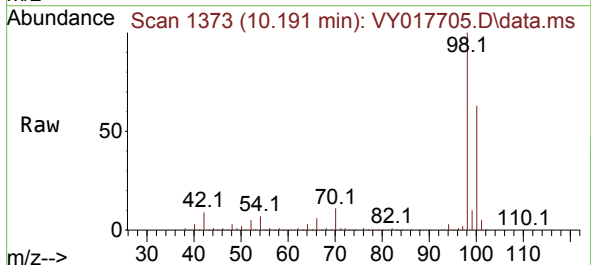
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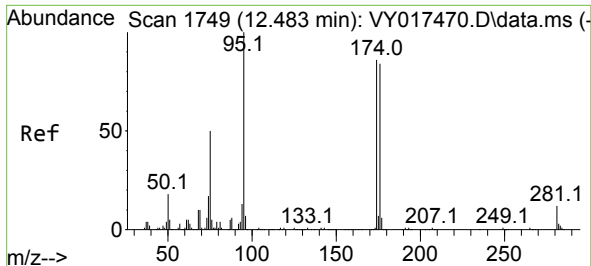
Tgt Ion: 98 Resp: 258740
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.003 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.116 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 226.4 35.7 53.5#

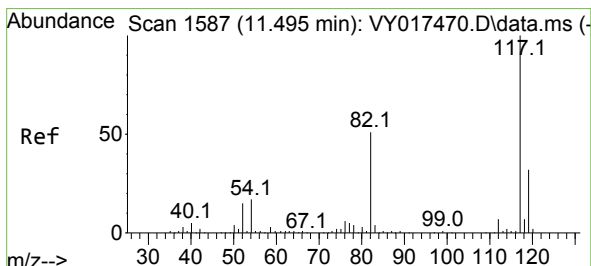
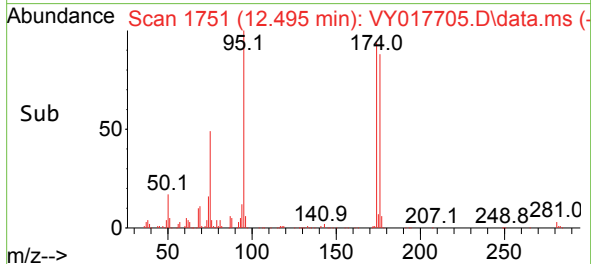
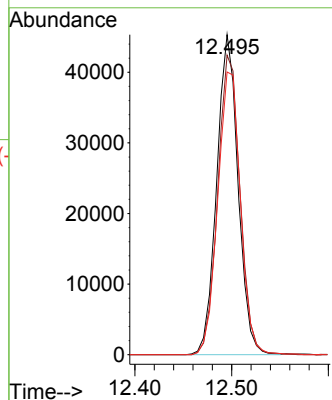
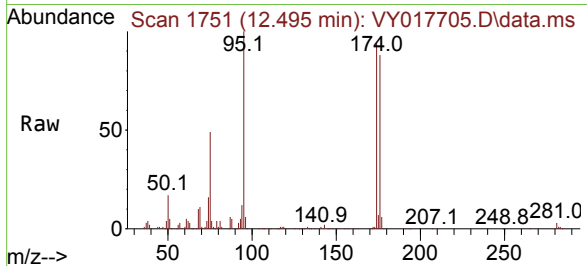




#62
4-Bromofluorobenzene
Concen: 39.524 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

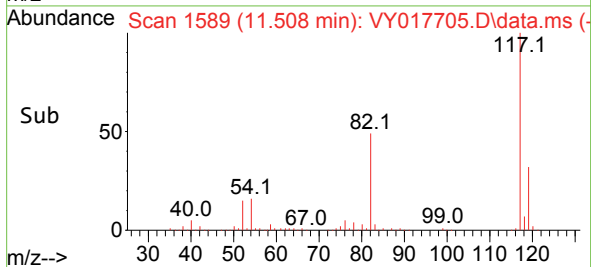
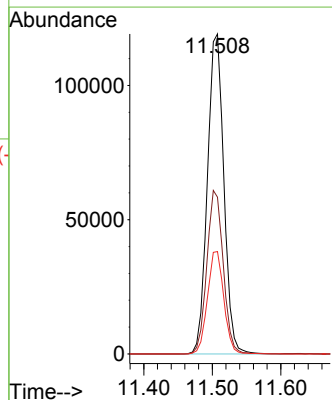
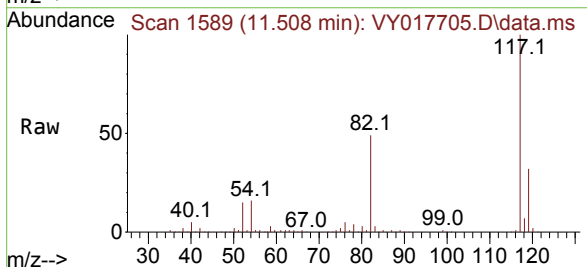
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL03

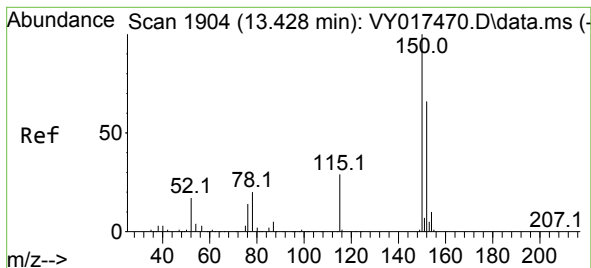
Tgt Ion: 95 Resp: 69517
Ion Ratio Lower Upper
95 100
174 97.6 0.0 175.6
176 94.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.012 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

Tgt Ion: 117 Resp: 198854
Ion Ratio Lower Upper
117 100
82 49.0 42.4 63.6
119 32.0 25.9 38.9

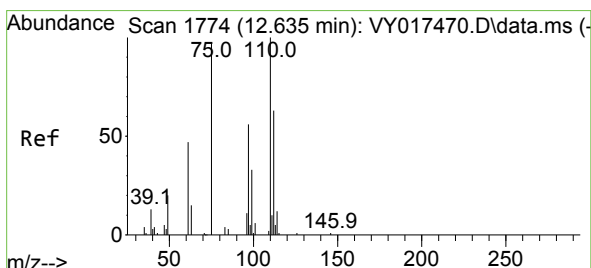
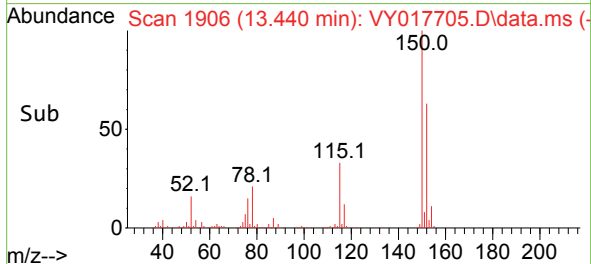
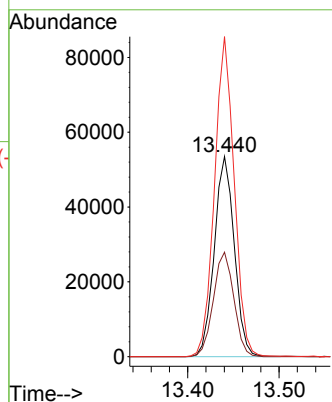
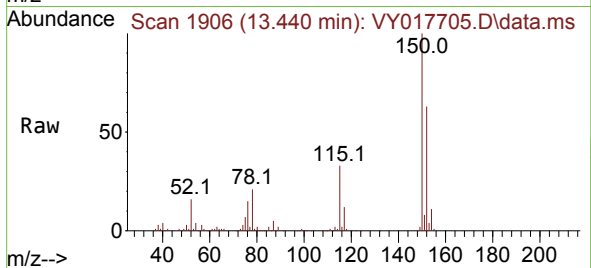




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

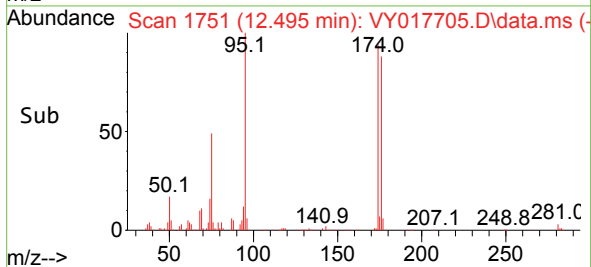
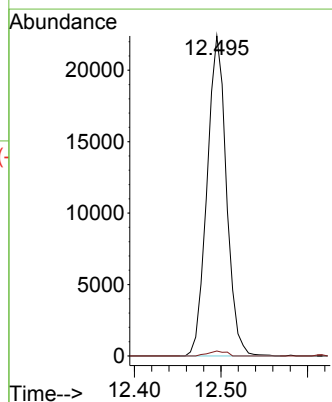
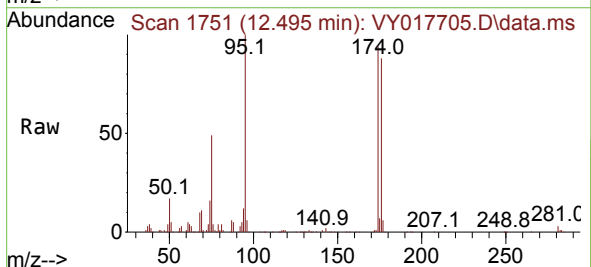
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL03

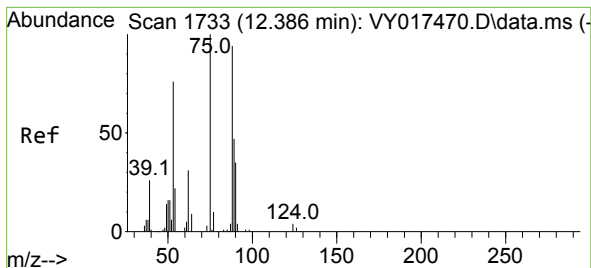
Tgt Ion:152 Resp: 81467
Ion Ratio Lower Upper
152 100
115 53.4 28.2 84.7
150 157.2 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 44.958 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.140 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

Tgt Ion: 75 Resp: 34800
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

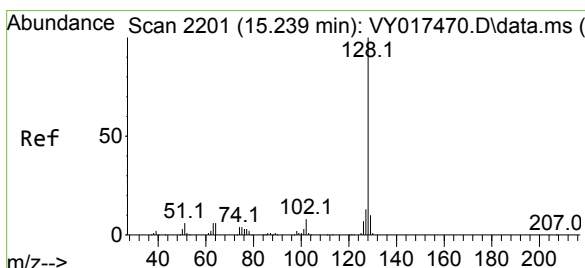
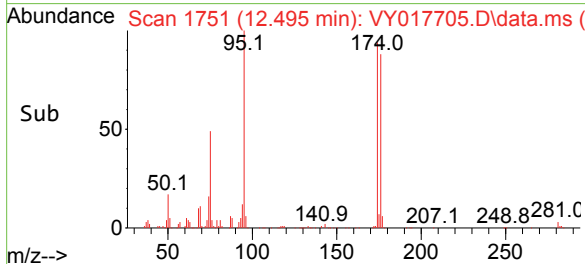
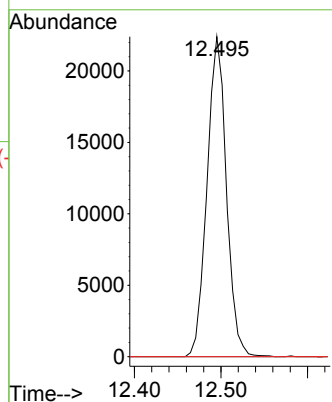
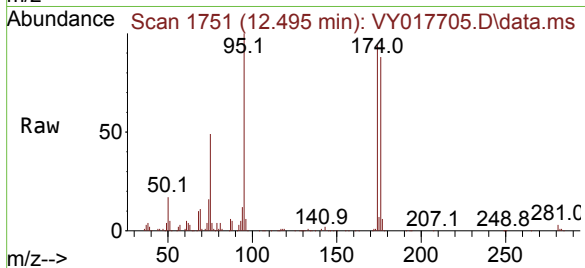




#81
trans-1,4-Dichloro-2-butene
Concen: 103.303 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL03

Tgt Ion: 75 Resp: 34800
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 3.973 ug/l
RT: 15.269 min Scan# 2206
Delta R.T. 0.030 min
Lab File: VY017705.D
Acq: 19 Mar 2024 12:01

Tgt Ion: 128 Resp: 162
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

