

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017703.D
 Acq On : 19 Mar 2024 11:16
 Operator : SY/MD
 Sample : VY0319SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBL01

Quant Time: Mar 20 03:01:07 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)

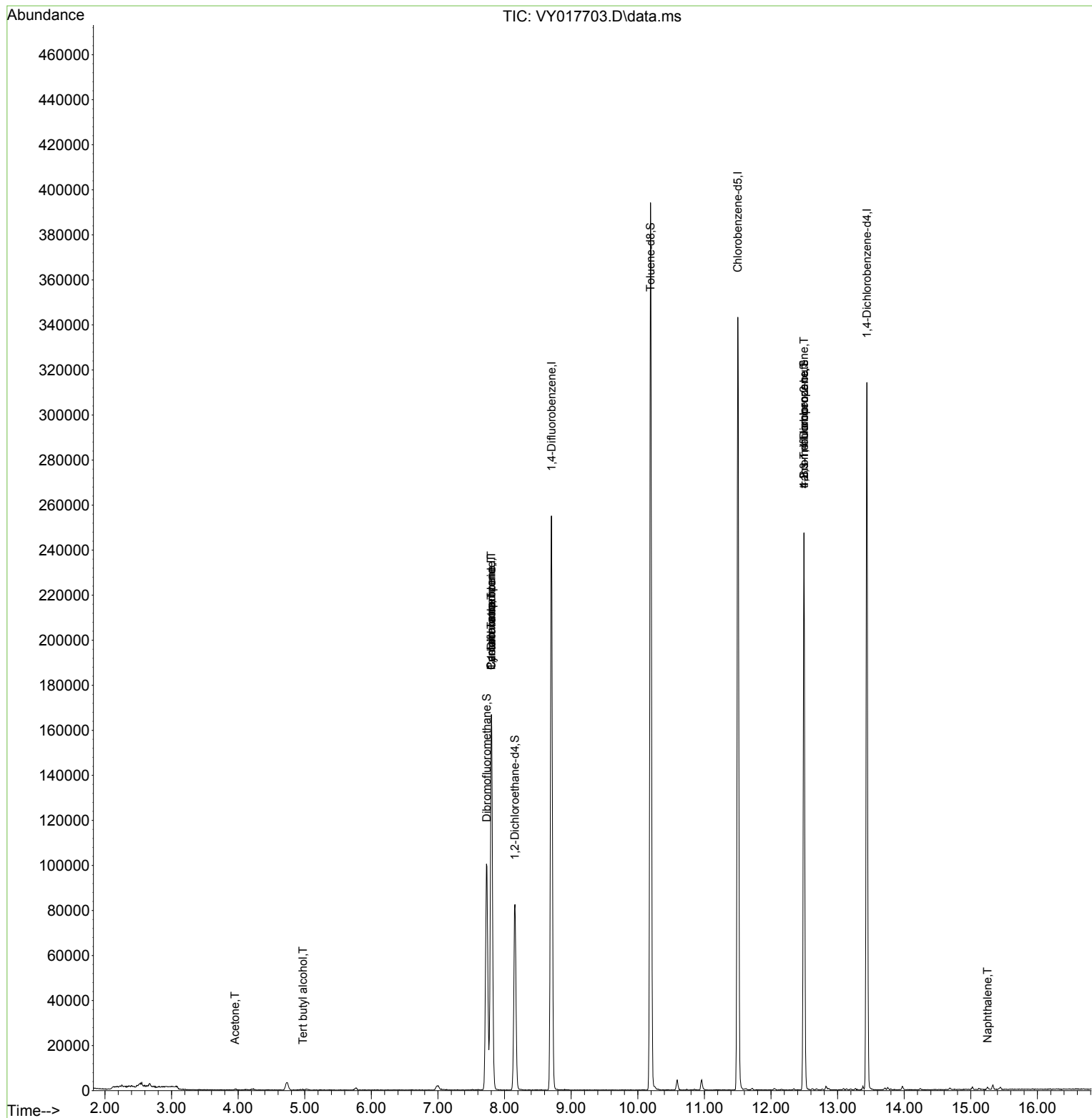
Internal Standards						
1) Pentafluorobenzene	7.801	168	141623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	234978	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	203836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	84592	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	63644	47.418	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.840%
35) Dibromofluoromethane	7.734	113	73452	44.859	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.720%
50) Toluene-d8	10.191	98	265651	46.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.800%
62) 4-Bromofluorobenzene	12.496	95	71452	39.713	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	167	1.465	ug/l #	88
16) Acetone	3.954	43	543	2.086	ug/l	87
20) Methylene Chloride	4.729	84	2798	Below Cal	#	85
31) Cyclohexane	7.801	56	2306	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	9527	4.312	ug/l #	48
38) Carbon Tetrachloride	7.801	117	12552	5.669	ug/l #	17
76) 1,2,3-Trichloropropane	12.496	75	34603	43.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	34603	98.923	ug/l #	16
95) Naphthalene	15.251	128	1169	4.322	ug/l #	89

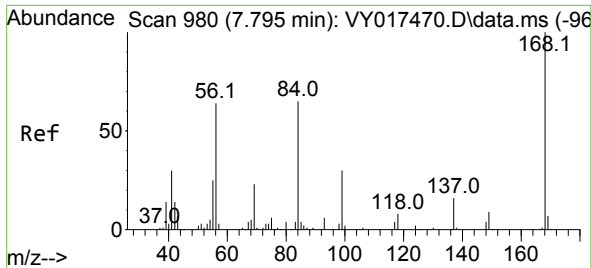
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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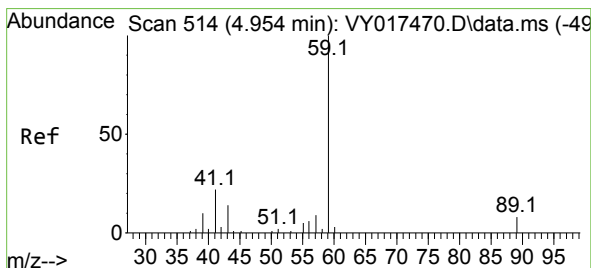
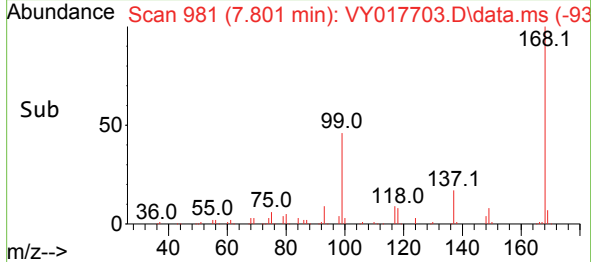
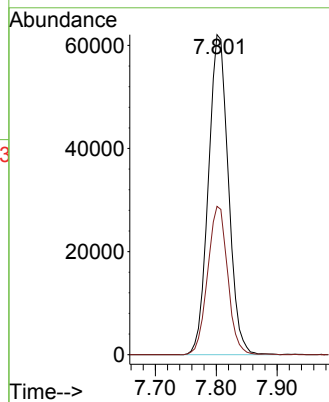
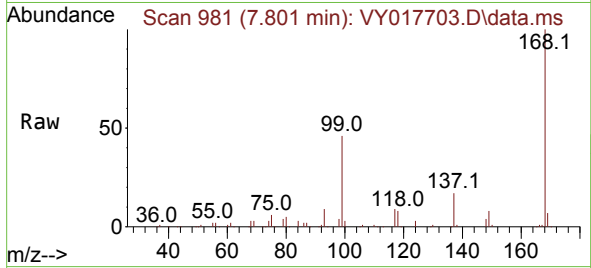




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

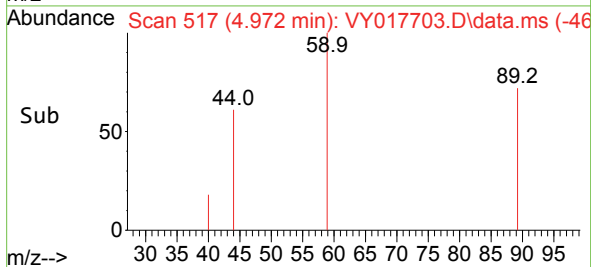
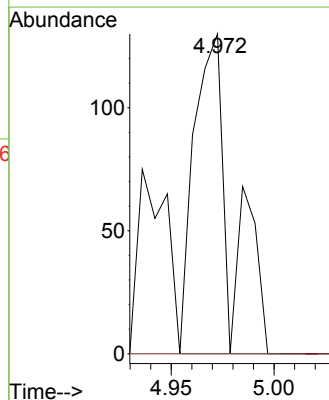
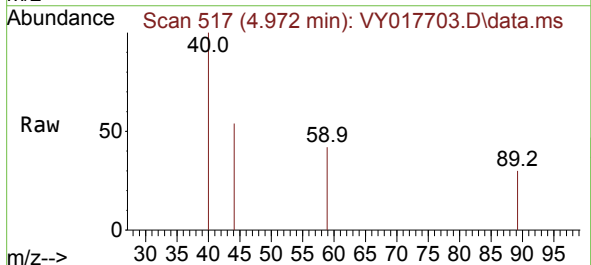
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

Tgt Ion:168 Resp: 141623
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.465 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

Tgt Ion: 59 Resp: 167
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

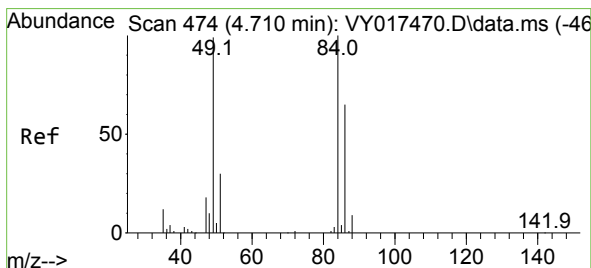
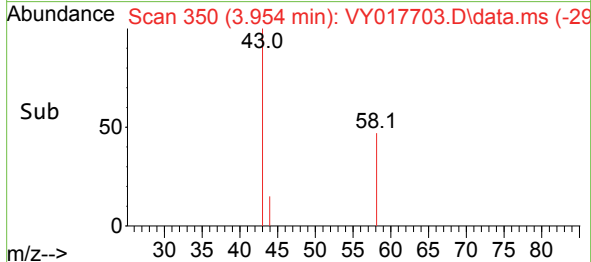
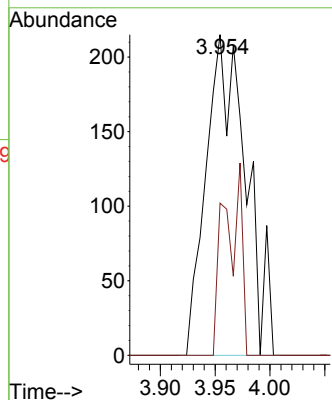
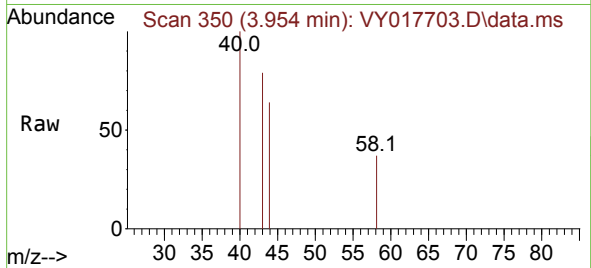




#16
Acetone
Concen: 2.086 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

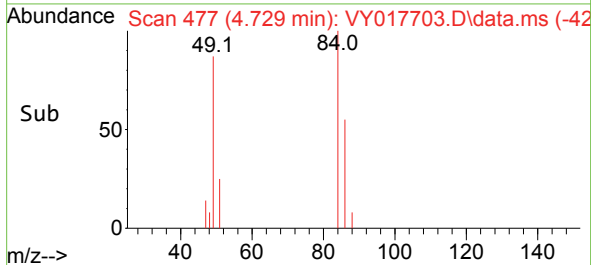
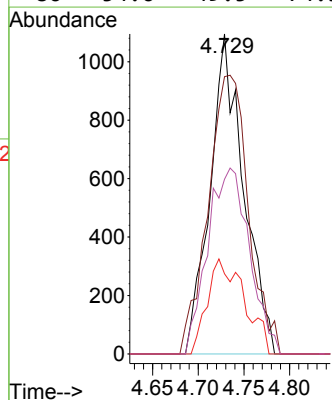
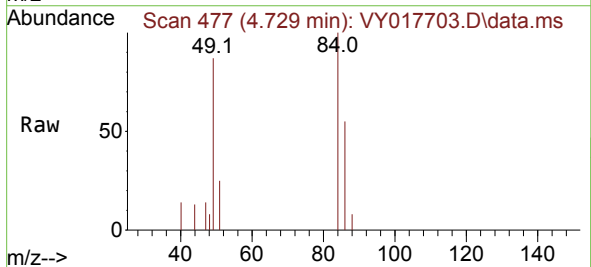
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

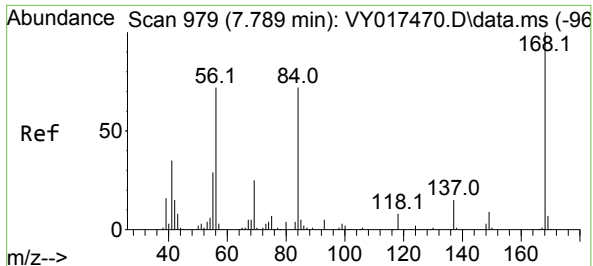
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
58 47.4 31.7 47.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

Tgt Ion: 84 Resp: 2798
Ion Ratio Lower Upper
84 100
49 86.7 84.4 126.6
51 25.0 26.0 39.0#
86 54.6 49.5 74.3

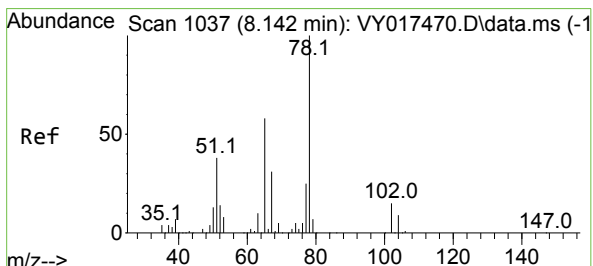
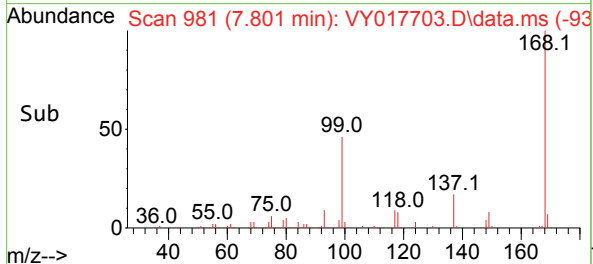
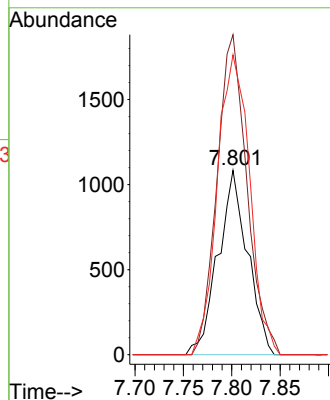
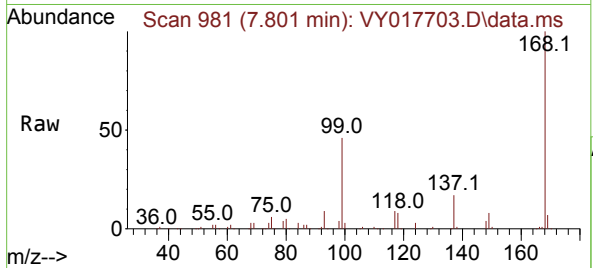




#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

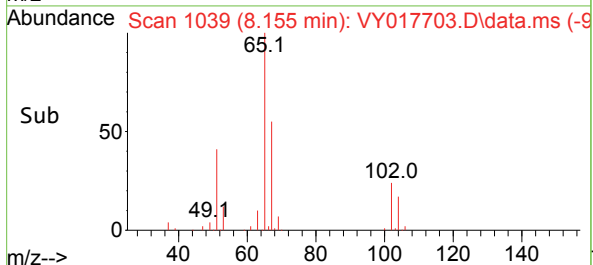
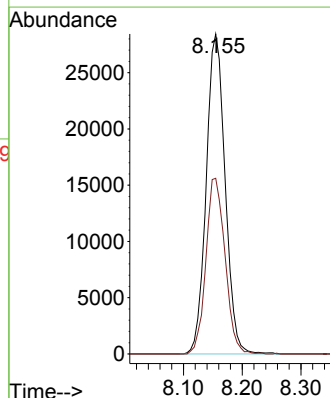
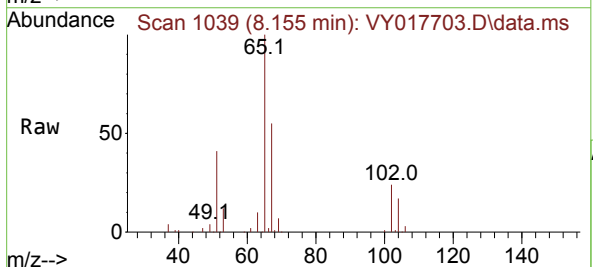
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

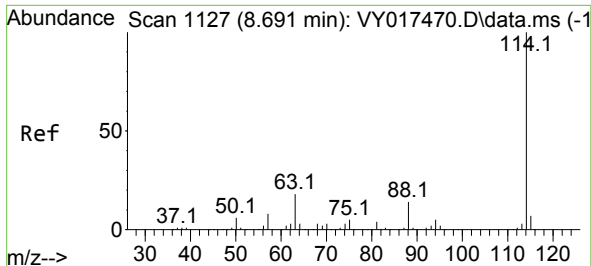
Tgt Ion: 56 Resp: 2306
Ion Ratio Lower Upper
56 100
69 173.5 28.7 43.1#
84 162.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 47.418 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

Tgt Ion: 65 Resp: 63644
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017703.D

Acq: 19 Mar 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBL01

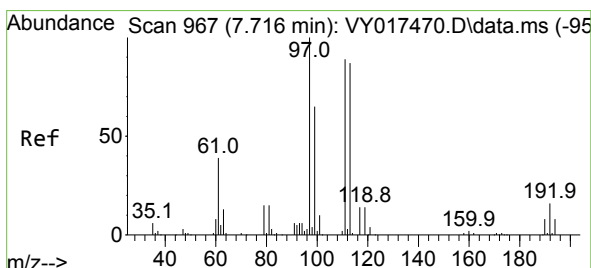
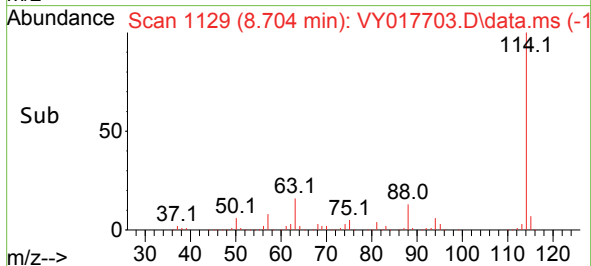
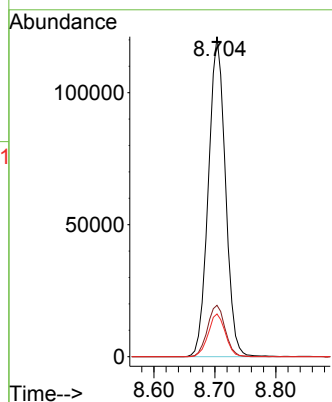
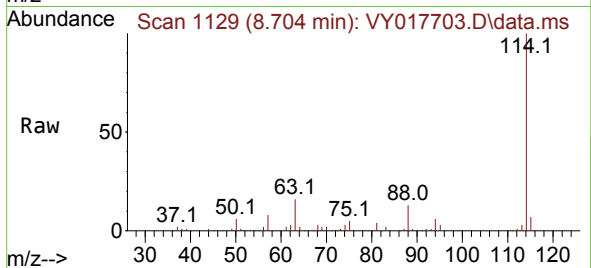
Tgt Ion:114 Resp: 234978

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.859 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.019 min

Lab File: VY017703.D

Acq: 19 Mar 2024 11:16

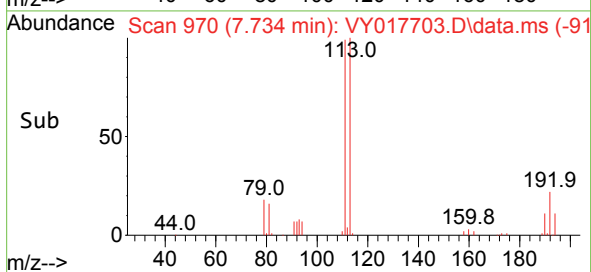
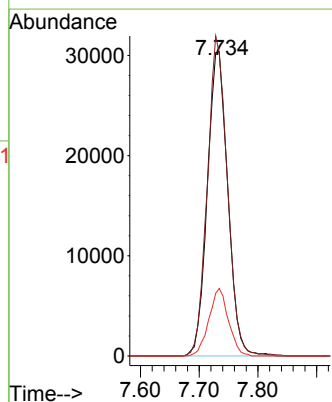
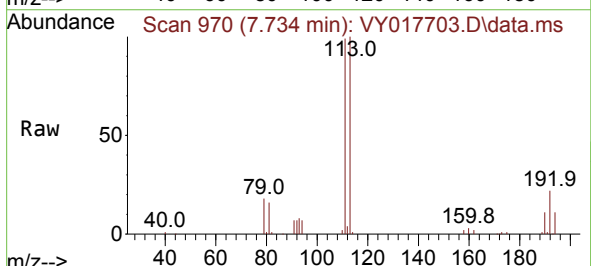
Tgt Ion:113 Resp: 73452

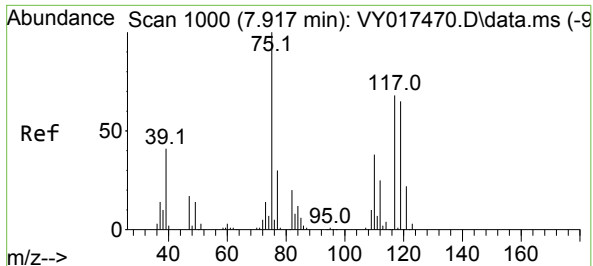
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 21.2 15.9 23.9

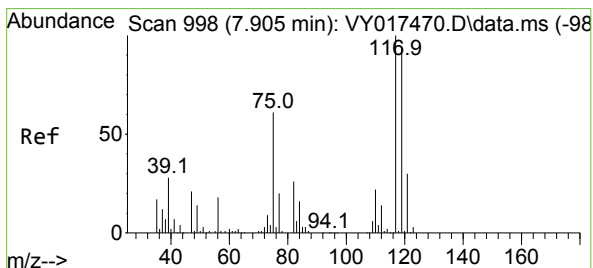
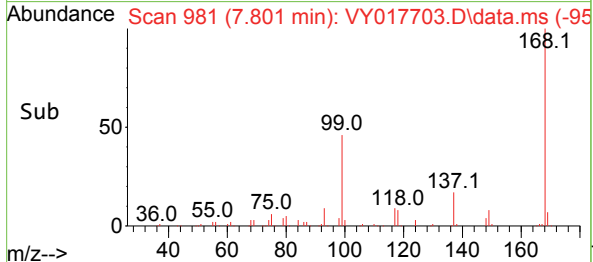
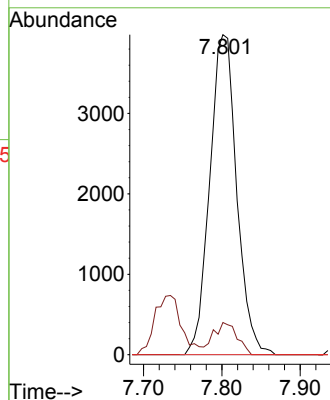
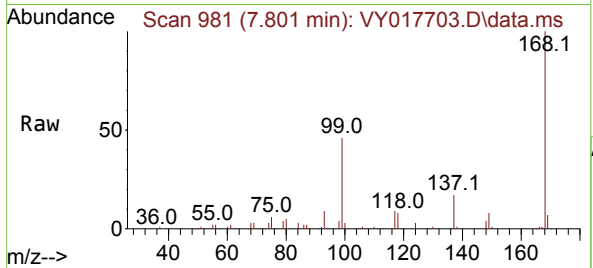




#36
1,1-Dichloropropene
Concen: 4.312 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

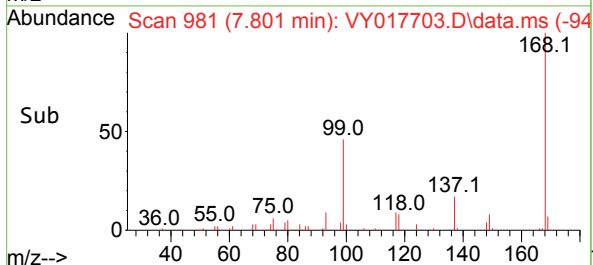
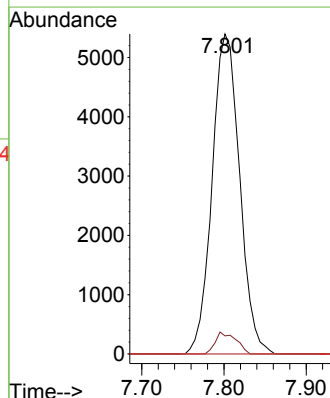
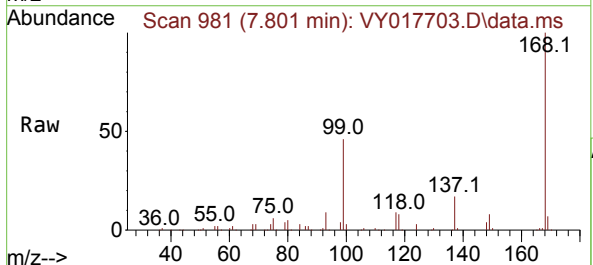
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

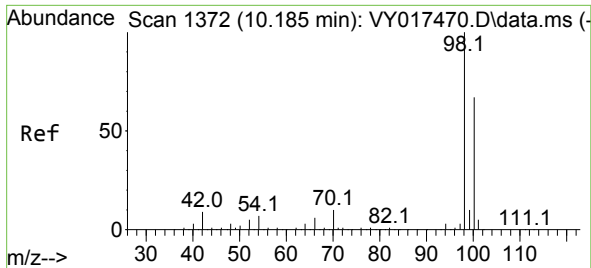
Tgt Ion: 75 Resp: 9527
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.669 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

Tgt Ion: 117 Resp: 12552
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#

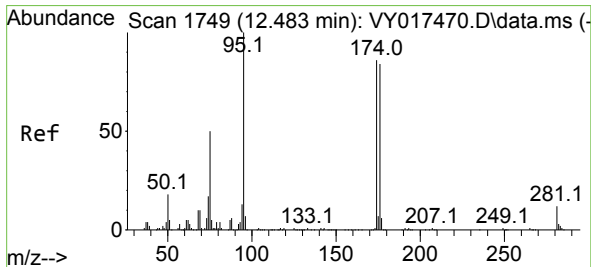
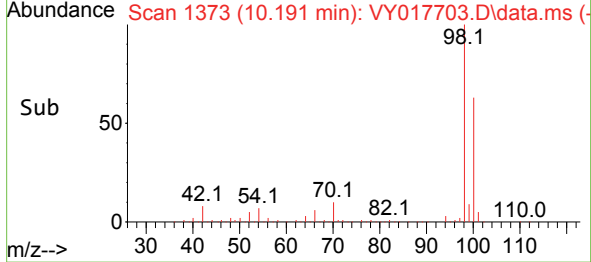
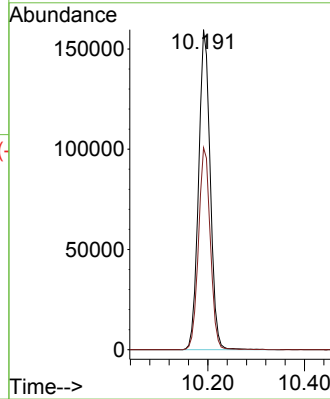
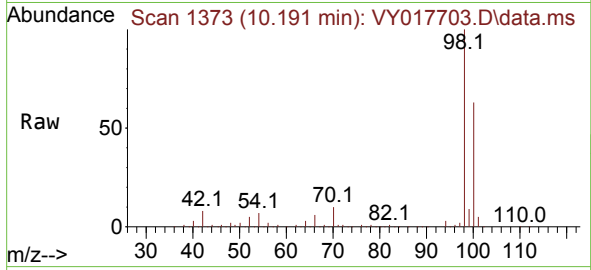




#50
Toluene-d8
Concen: 46.402 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

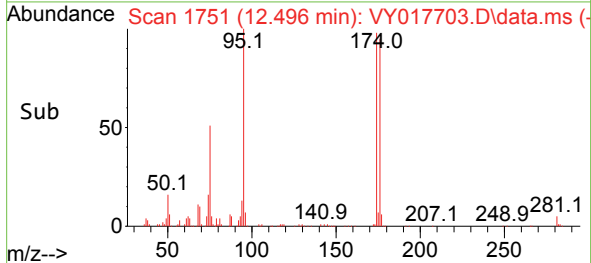
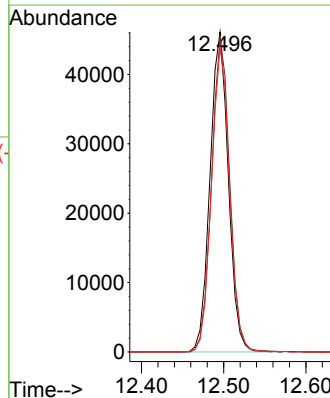
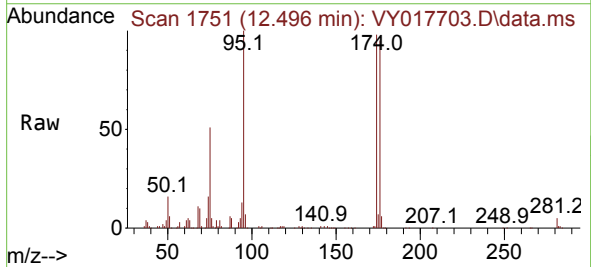
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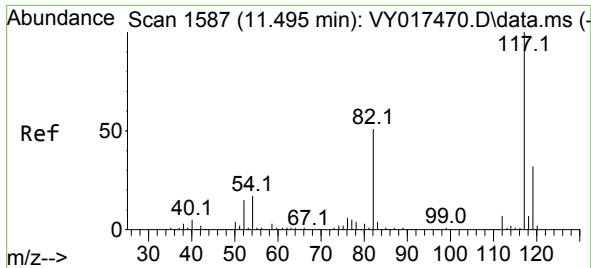
Tgt Ion: 98 Resp: 265651
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.713 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

Tgt Ion: 95 Resp: 71452
Ion Ratio Lower Upper
95 100
174 97.5 0.0 175.6
176 93.8 0.0 171.4

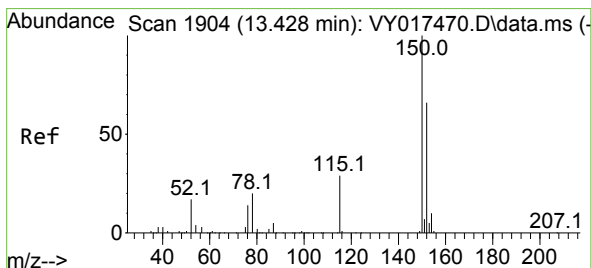
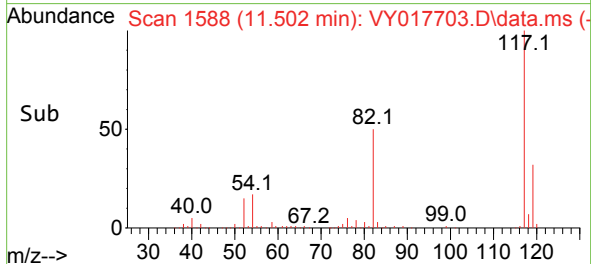
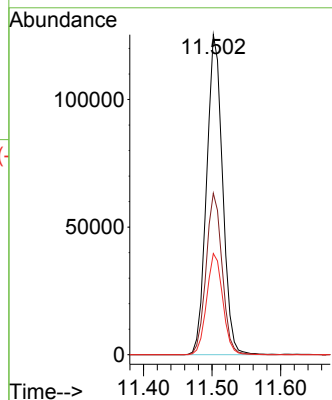
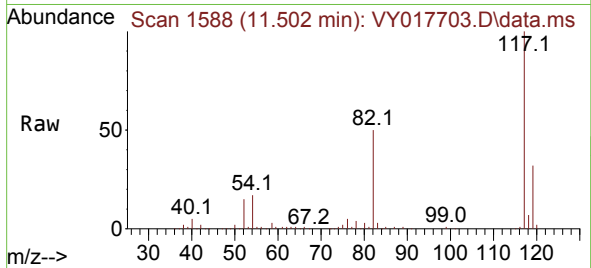




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

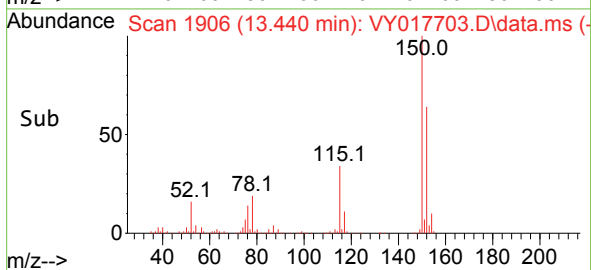
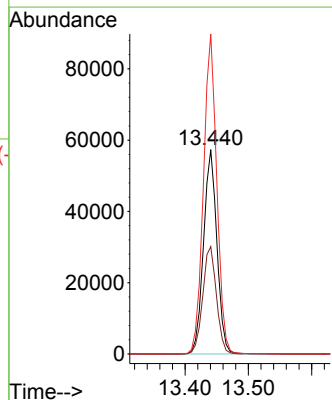
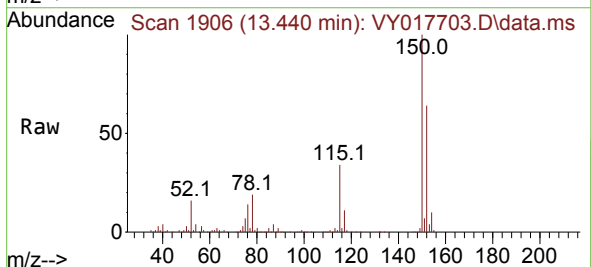
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

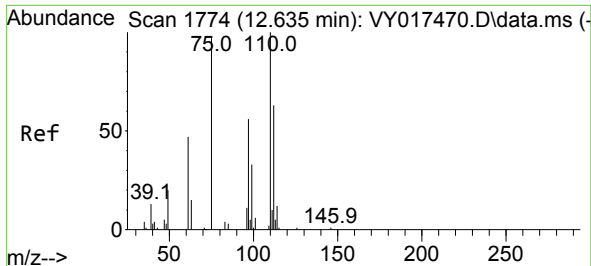
Tgt Ion:117 Resp: 203836
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

Tgt Ion:152 Resp: 84592
Ion Ratio Lower Upper
152 100
115 53.6 28.2 84.7
150 155.9 0.0 345.6

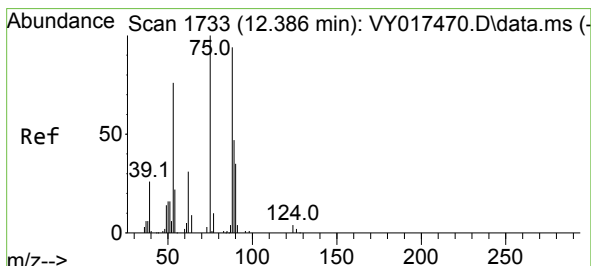
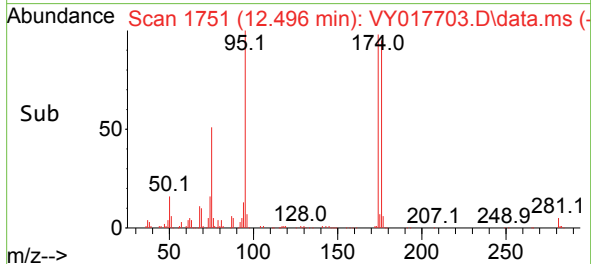
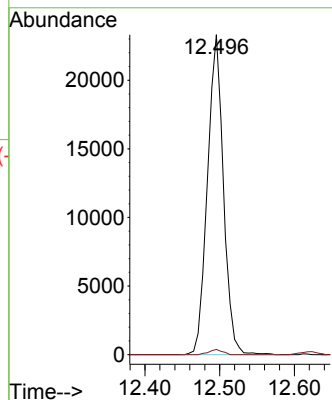
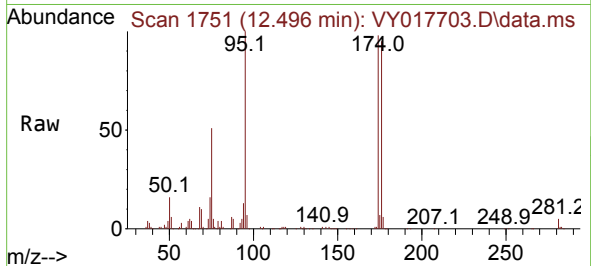




#76
1,2,3-Trichloropropane
Concen: 43.052 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.140 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

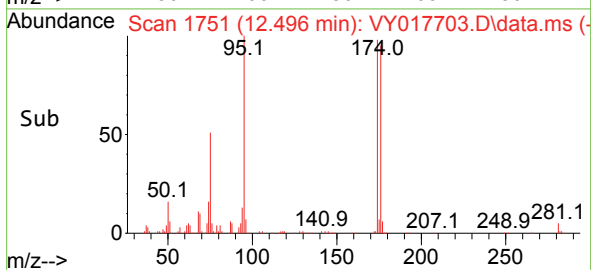
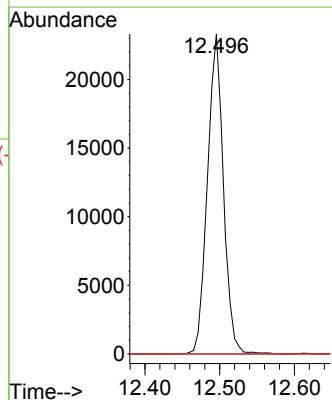
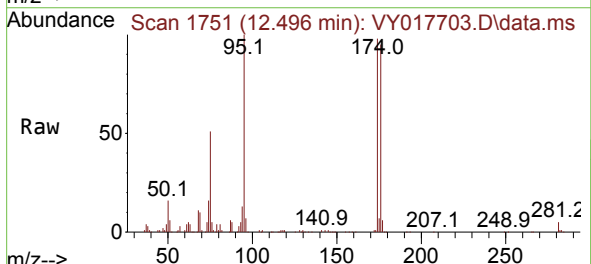
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

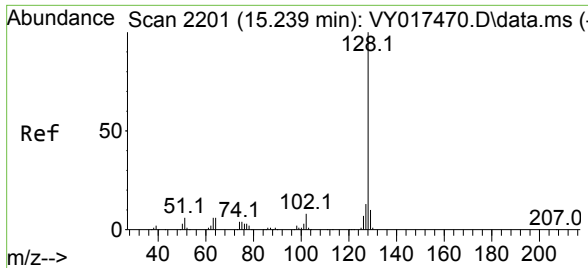
Tgt Ion: 75 Resp: 34603
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.923 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

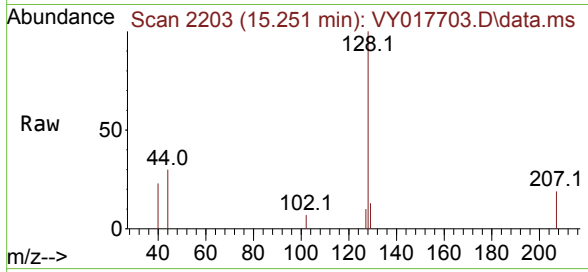
Tgt Ion: 75 Resp: 34603
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.322 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01



Tgt Ion:	128	Resp:	1169
Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.6	16.0#
129	5.2	8.6	13.0#

