

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017581.D
 Acq On : 06 Mar 2024 09:50
 Operator : SY/MD
 Sample : VY0306SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBL01

Quant Time: Mar 07 02:04:06 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)

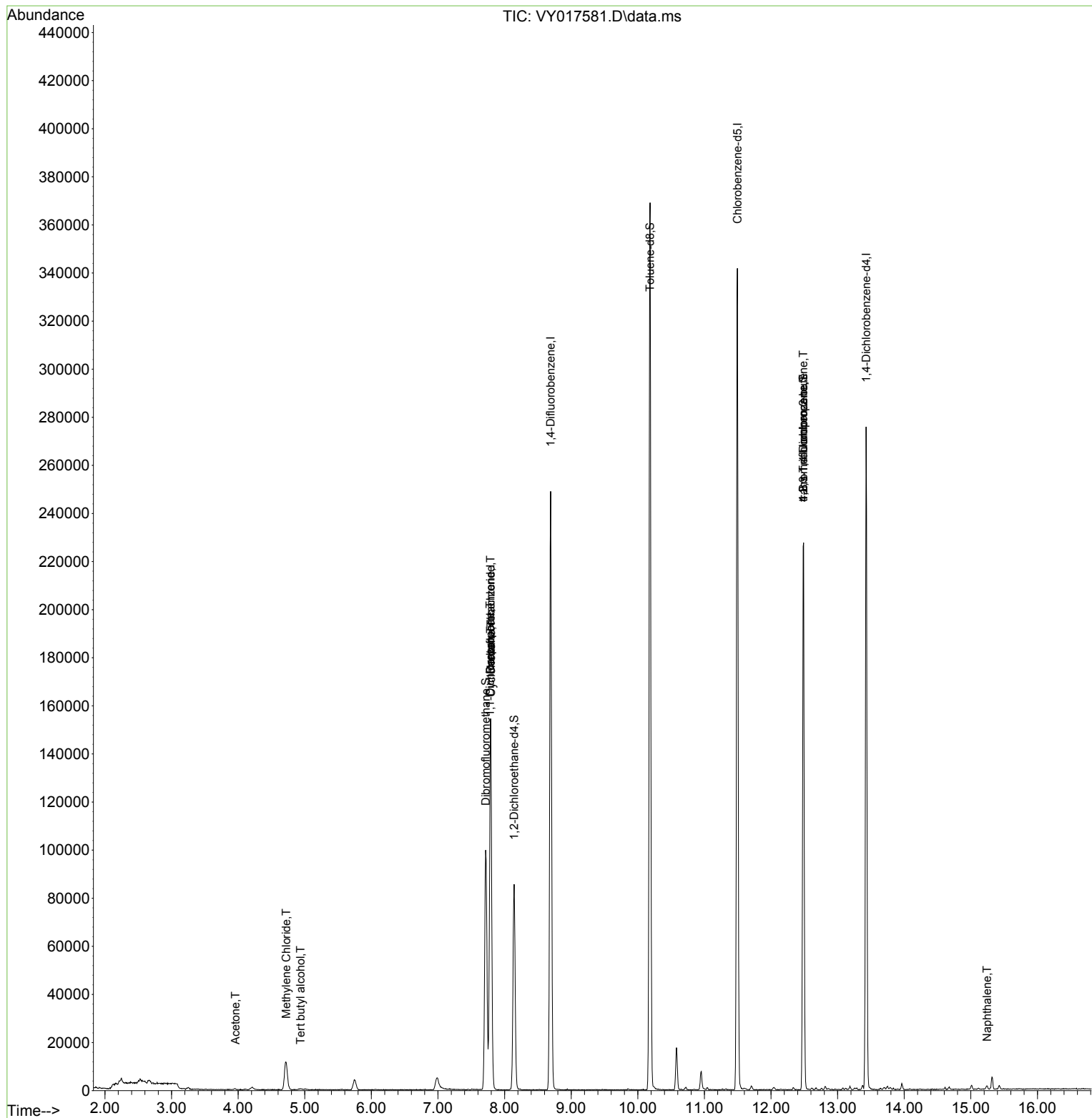
Internal Standards						
1) Pentafluorobenzene	7.789	168	126178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64922	54.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.580%	
35) Dibromofluoromethane	7.716	113	73047	46.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.140%	
50) Toluene-d8	10.185	98	254673	46.442	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.880%	
62) 4-Bromofluorobenzene	12.483	95	67556	39.200	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	580	5.710	ug/l #	88
16) Acetone	3.960	43	720	3.104	ug/l #	83
20) Methylene Chloride	4.722	84	9568	1.733	ug/l	98
31) Cyclohexane	7.795	56	2230	1.146	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9118	4.309	ug/l #	47
38) Carbon Tetrachloride	7.789	117	11417	5.383	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	33968	48.047	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33968	110.400	ug/l #	16
95) Naphthalene	15.245	128	1772	4.616	ug/l #	90

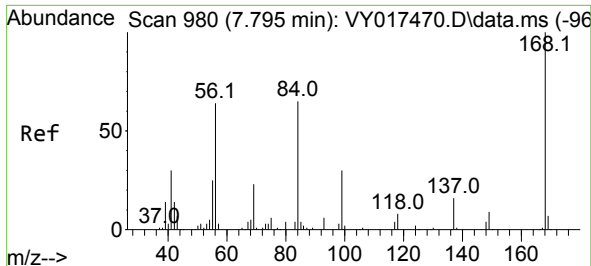
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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MSVOA_Y
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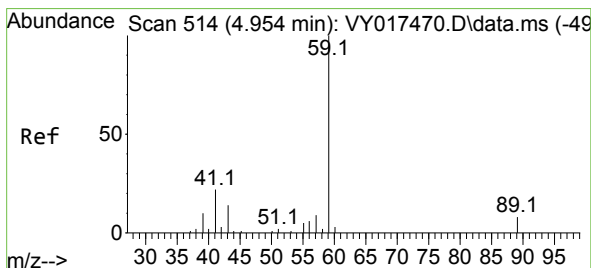
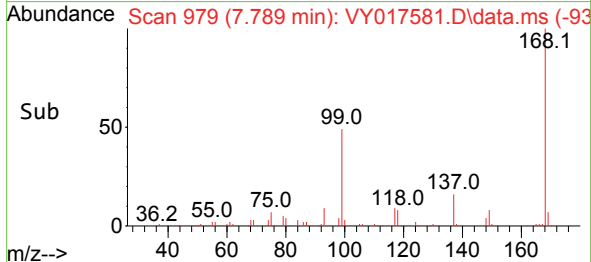
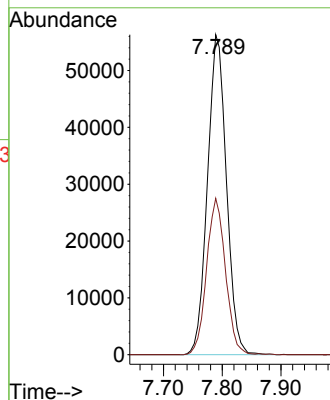
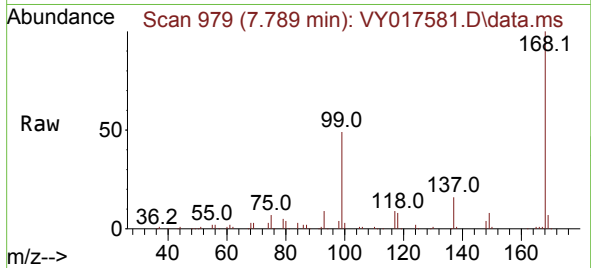




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

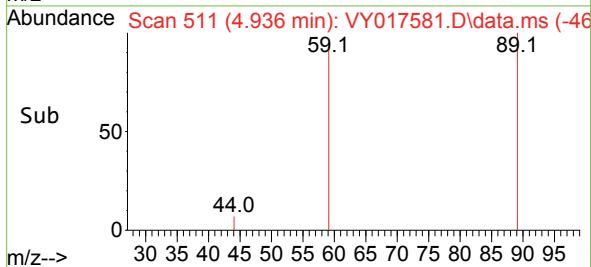
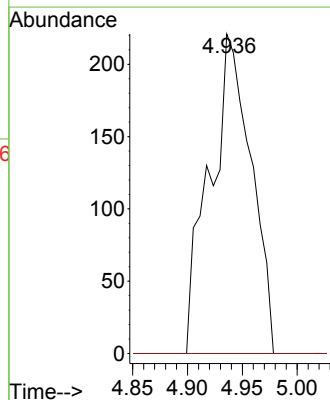
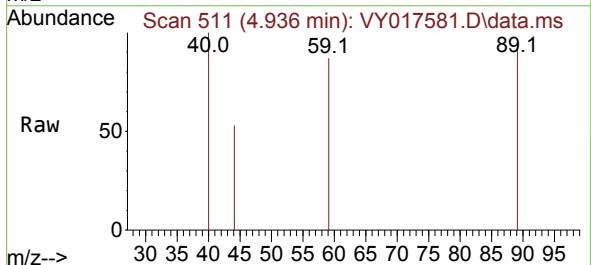
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Tgt Ion:168 Resp: 126178
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 5.710 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

Tgt Ion: 59 Resp: 580
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 3.104 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY017581.D

Acq: 06 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

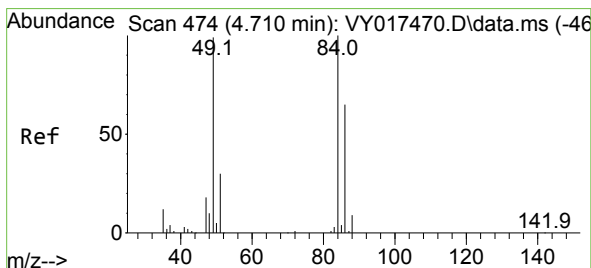
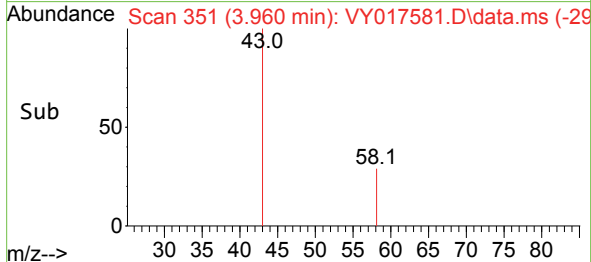
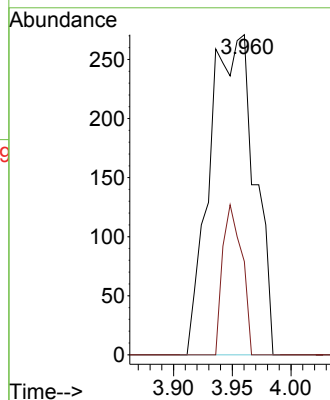
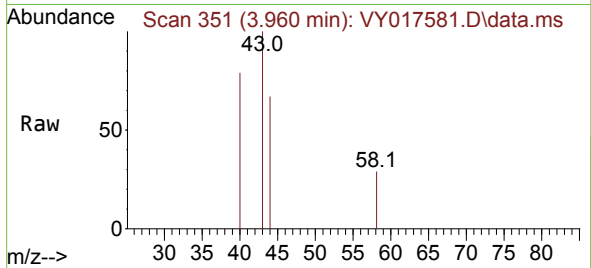
VY0306SBL01

Tgt Ion: 43 Resp: 720

Ion Ratio Lower Upper

43 100

58 29.2 31.7 47.5#



#20

Methylene Chloride

Concen: 1.733 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY017581.D

Acq: 06 Mar 2024 09:50

Tgt Ion: 84 Resp: 9568

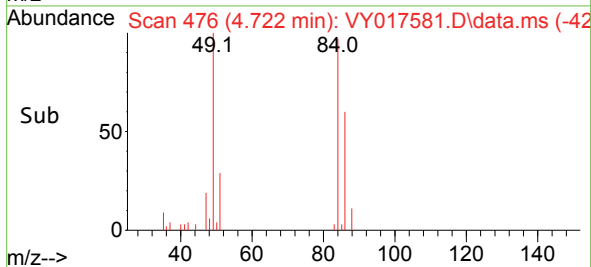
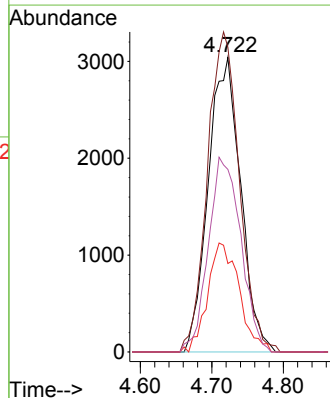
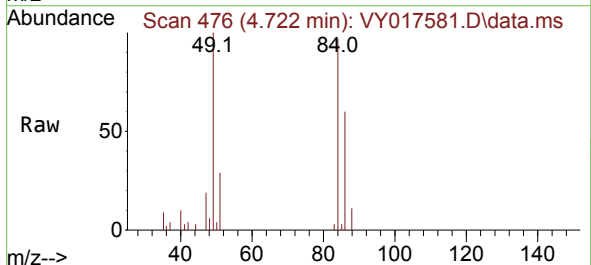
Ion Ratio Lower Upper

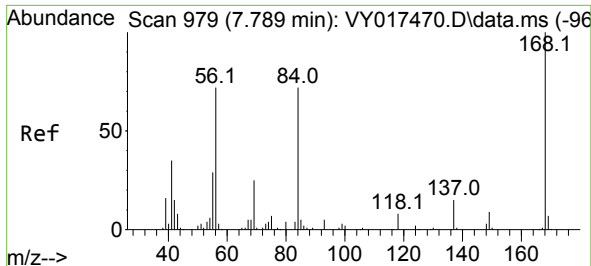
84 100

49 103.4 84.4 126.6

51 30.0 26.0 39.0

86 62.0 49.5 74.3

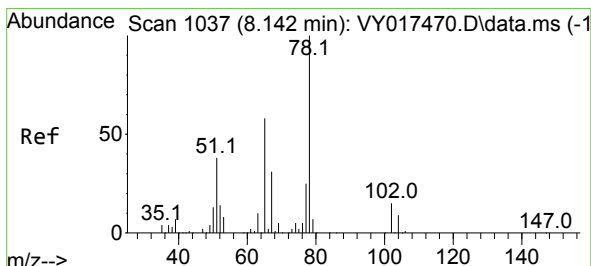
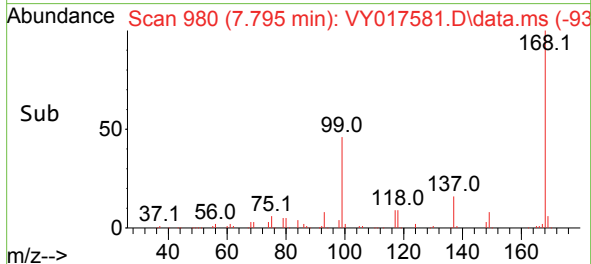
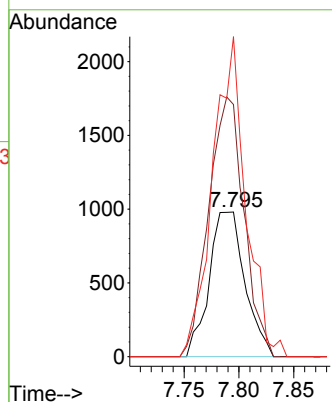
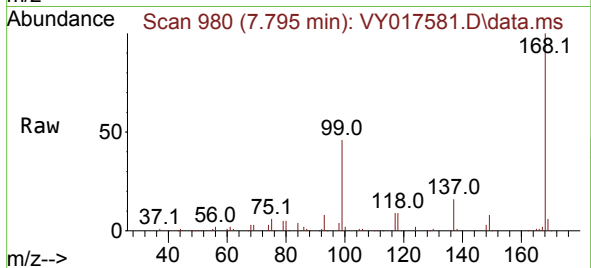




#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

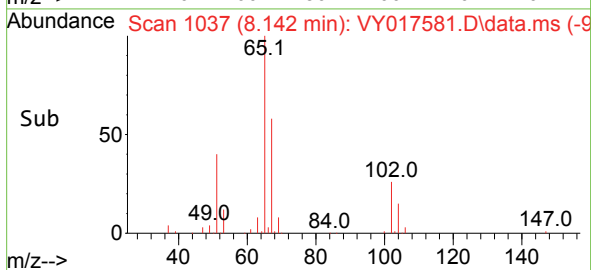
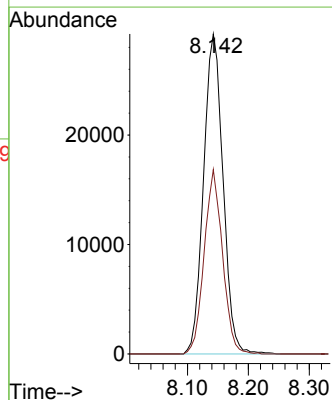
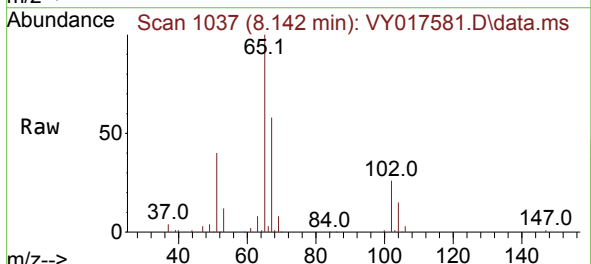
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

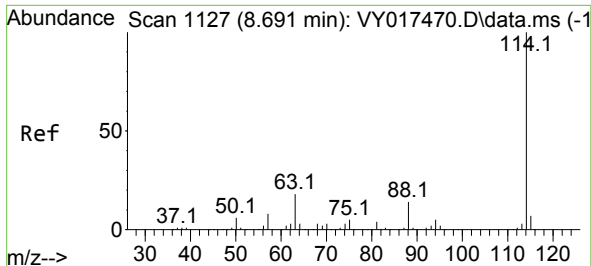
Tgt Ion: 56 Resp: 2230
Ion Ratio Lower Upper
56 100
69 174.2 28.7 43.1#
84 221.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.290 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

Tgt Ion: 65 Resp: 64922
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6

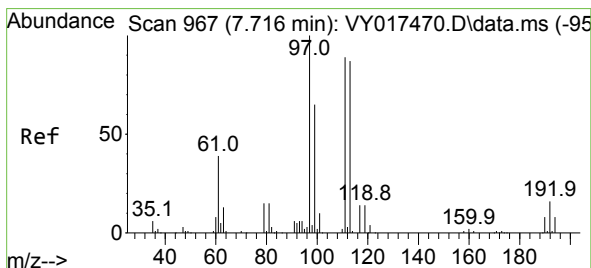
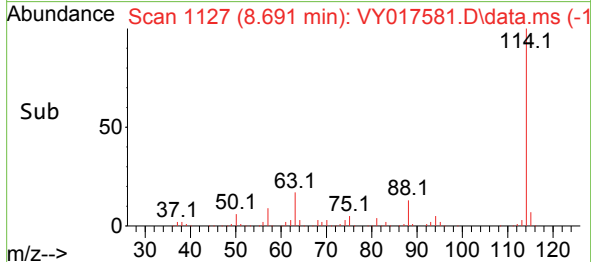
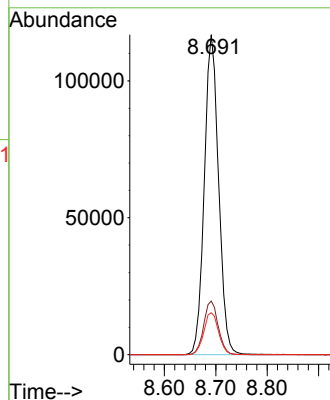
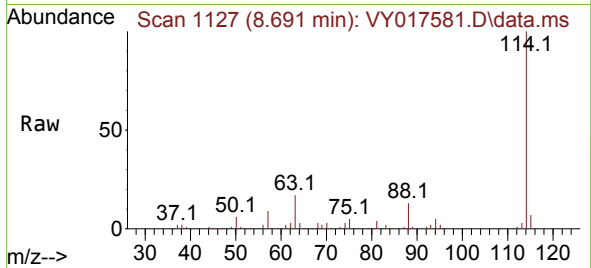




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

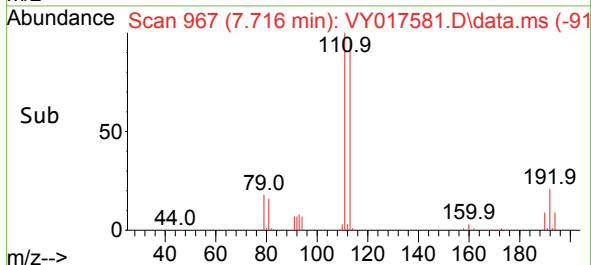
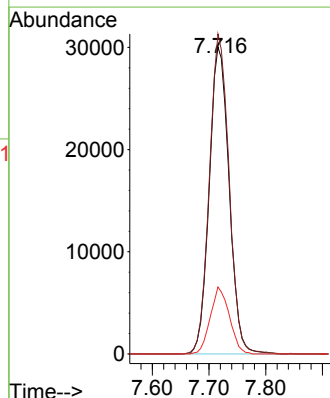
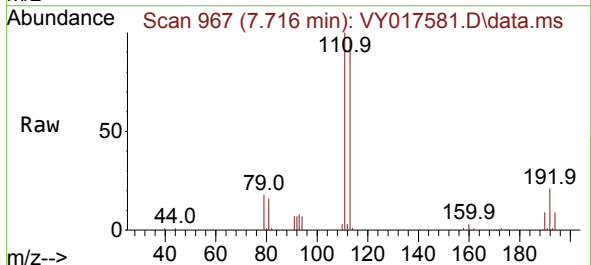
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

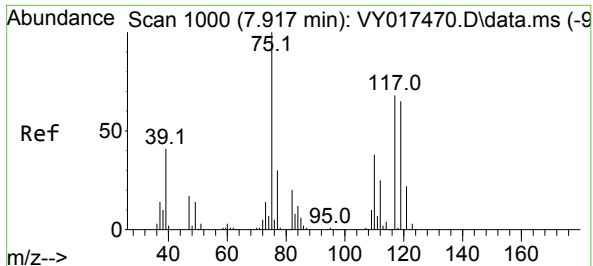
Tgt Ion:114 Resp: 225074
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.0
88 13.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.575 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

Tgt Ion:113 Resp: 73047
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 21.0 15.9 23.9

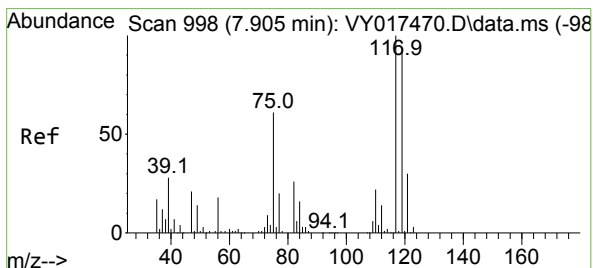
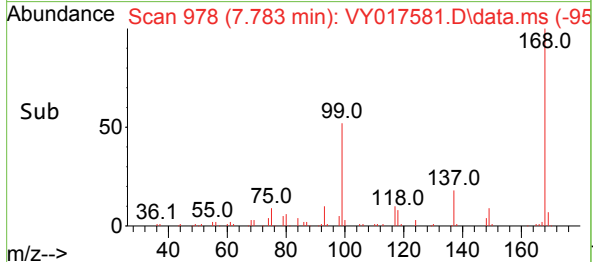
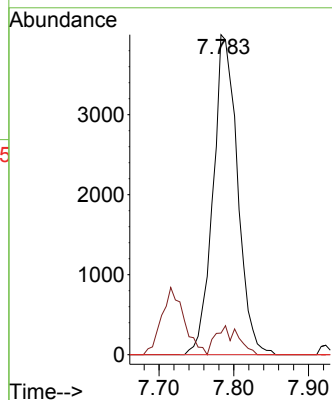
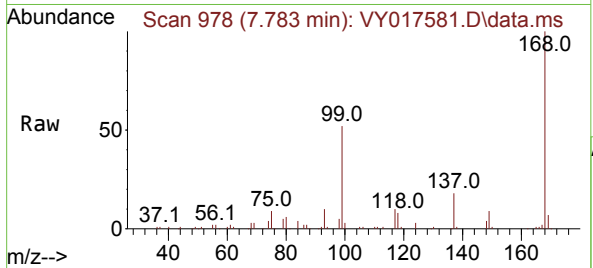




#36
1,1-Dichloropropene
Concen: 4.309 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

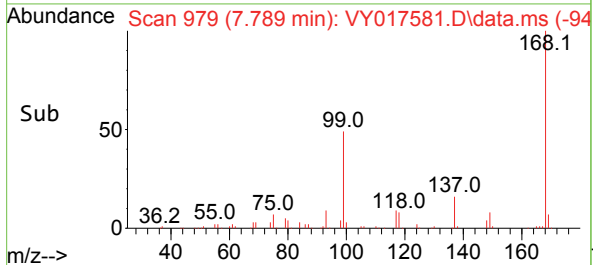
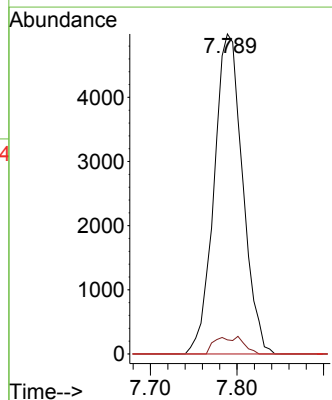
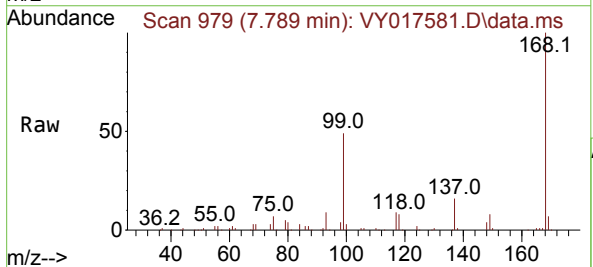
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

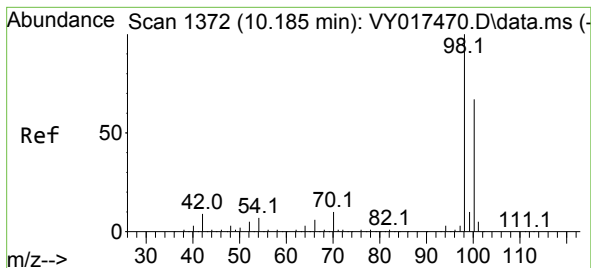
Tgt Ion: 75 Resp: 9118
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.383 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

Tgt Ion: 117 Resp: 11417
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#

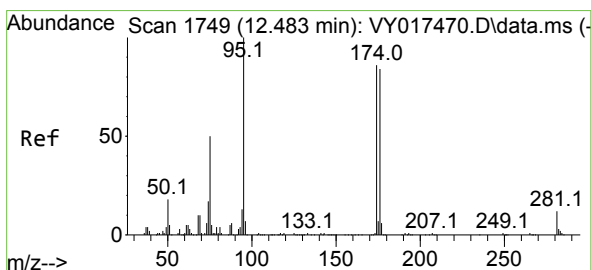
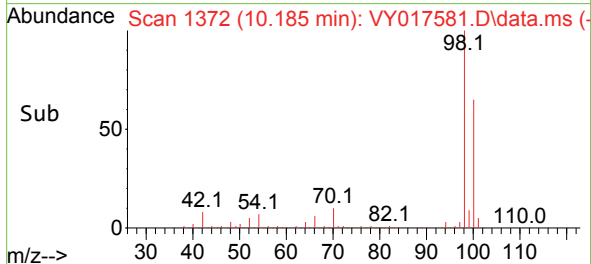
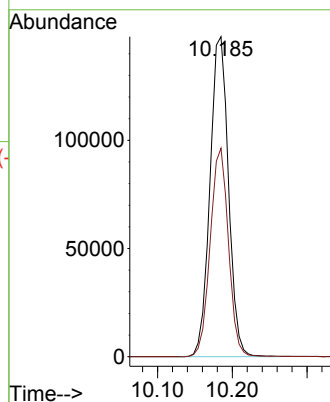
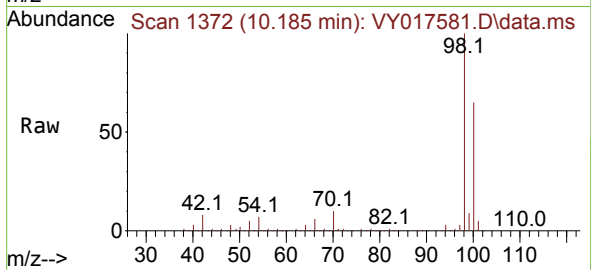




#50
Toluene-d8
Concen: 46.442 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

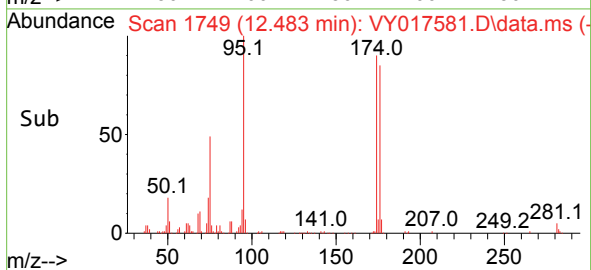
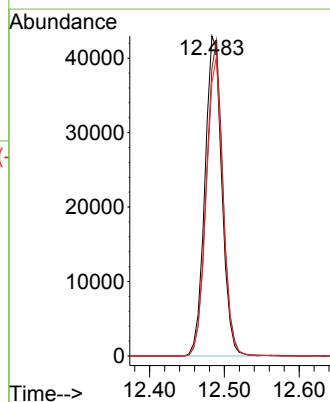
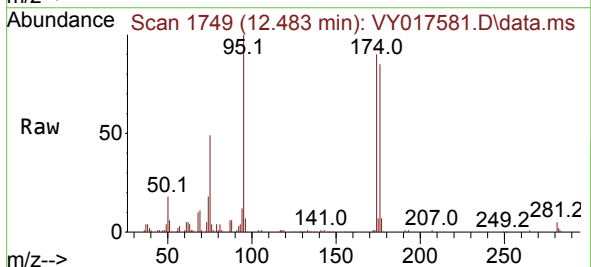
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ClientSampleId :
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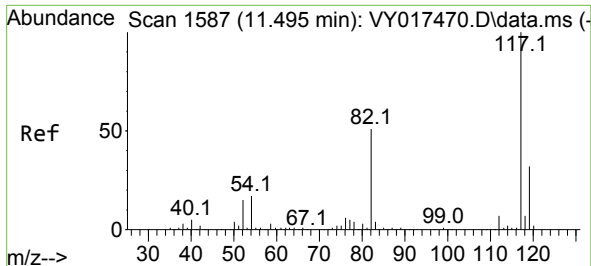
Tgt Ion: 98 Resp: 254673
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.200 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

Tgt Ion: 95 Resp: 67556
Ion Ratio Lower Upper
95 100
174 96.2 0.0 175.6
176 92.1 0.0 171.4

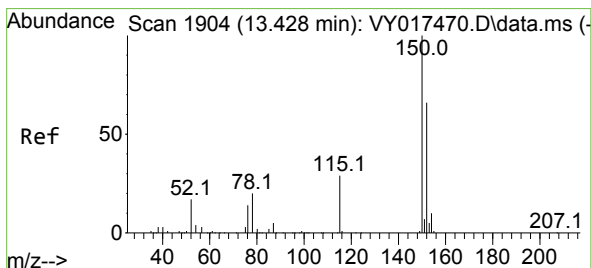
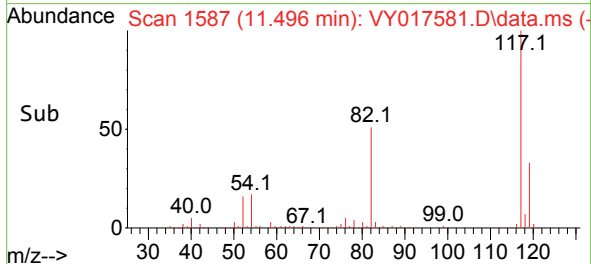
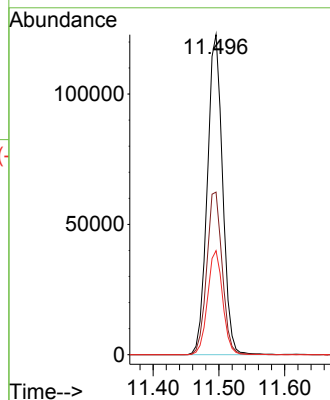
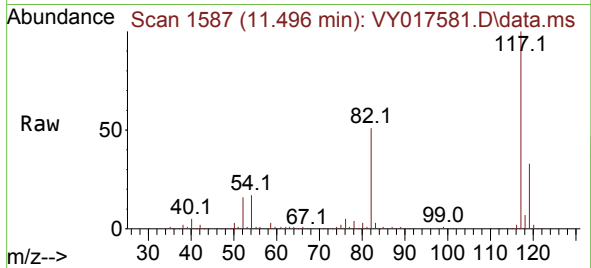




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

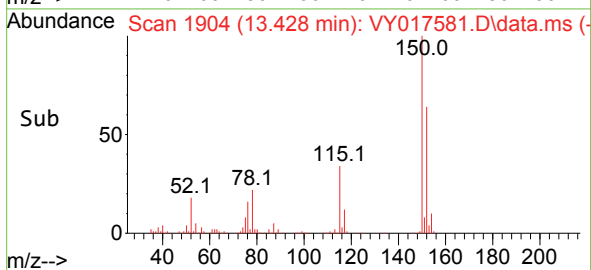
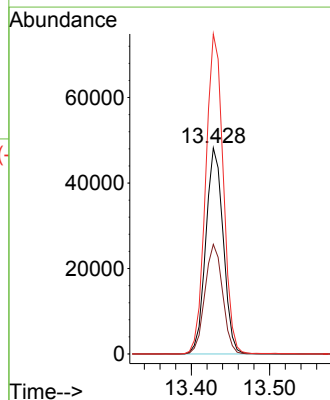
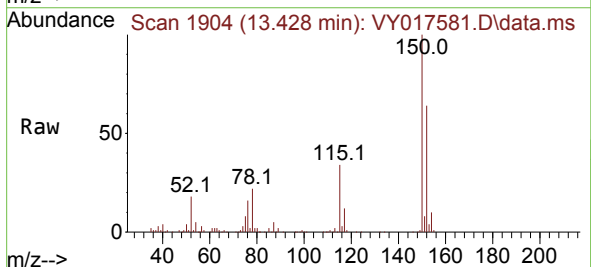
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

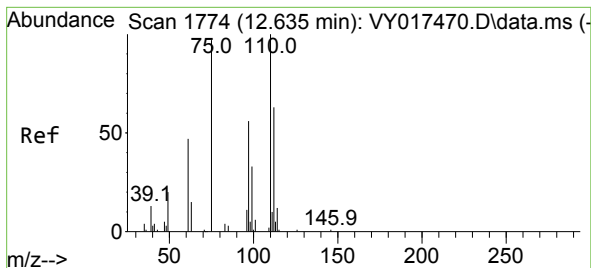
Tgt Ion:117 Resp: 198765
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

Tgt Ion:152 Resp: 74407
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 156.5 0.0 345.6

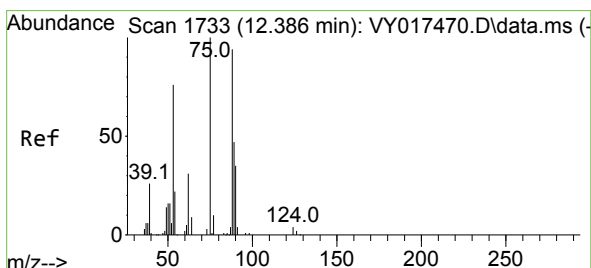
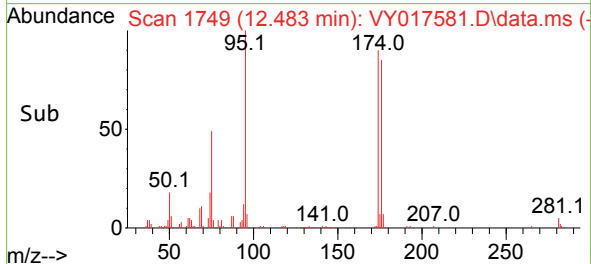
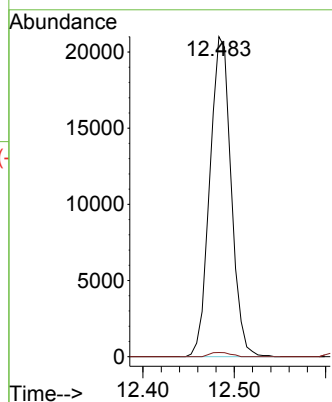
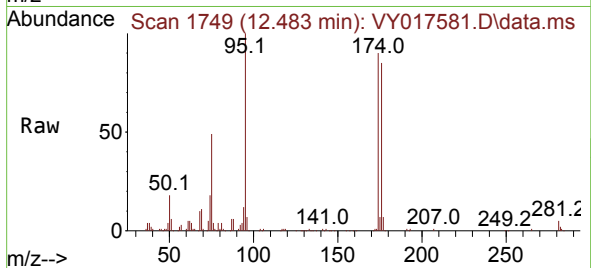




#76
1,2,3-Trichloropropane
Concen: 48.047 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

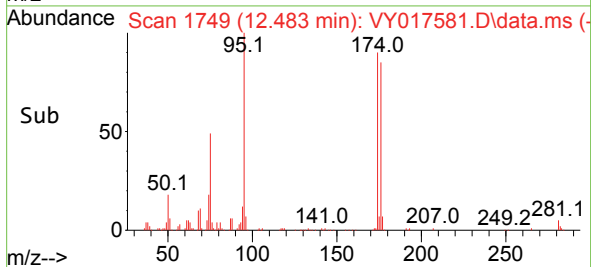
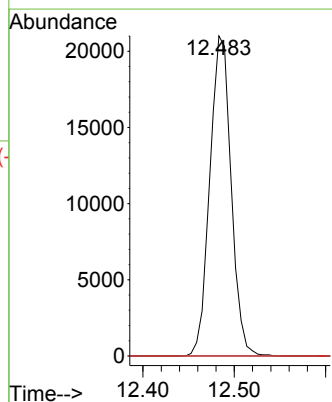
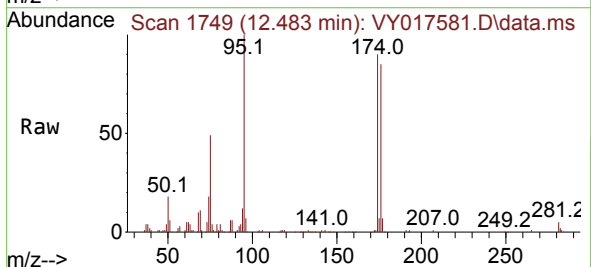
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

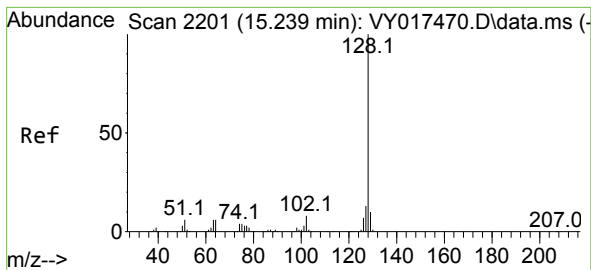
Tgt Ion: 75 Resp: 33968
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.400 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

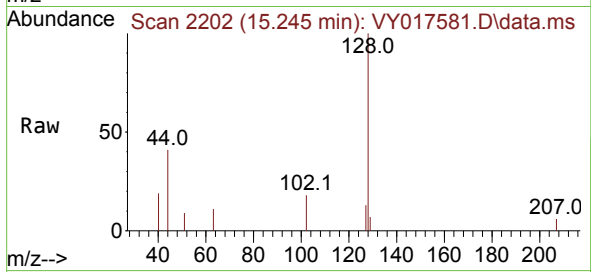
Tgt Ion: 75 Resp: 33968
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.616 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017581.D
Acq: 06 Mar 2024 09:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01



Tgt Ion:128 Resp: 1772
Ion Ratio Lower Upper
128 100
127 8.7 10.6 16.0#
129 7.8 8.6 13.0#

