

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017688.D
 Acq On : 18 Mar 2024 14:52
 Operator : SY/MD
 Sample : VY0318SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBL01

Quant Time: Mar 19 04:08:06 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	116721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	217190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68910	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58177	52.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.180%
35) Dibromofluoromethane	7.716	113	70372	46.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.000%
50) Toluene-d8	10.185	98	251218	47.475	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.483	95	65347	39.295	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.580%

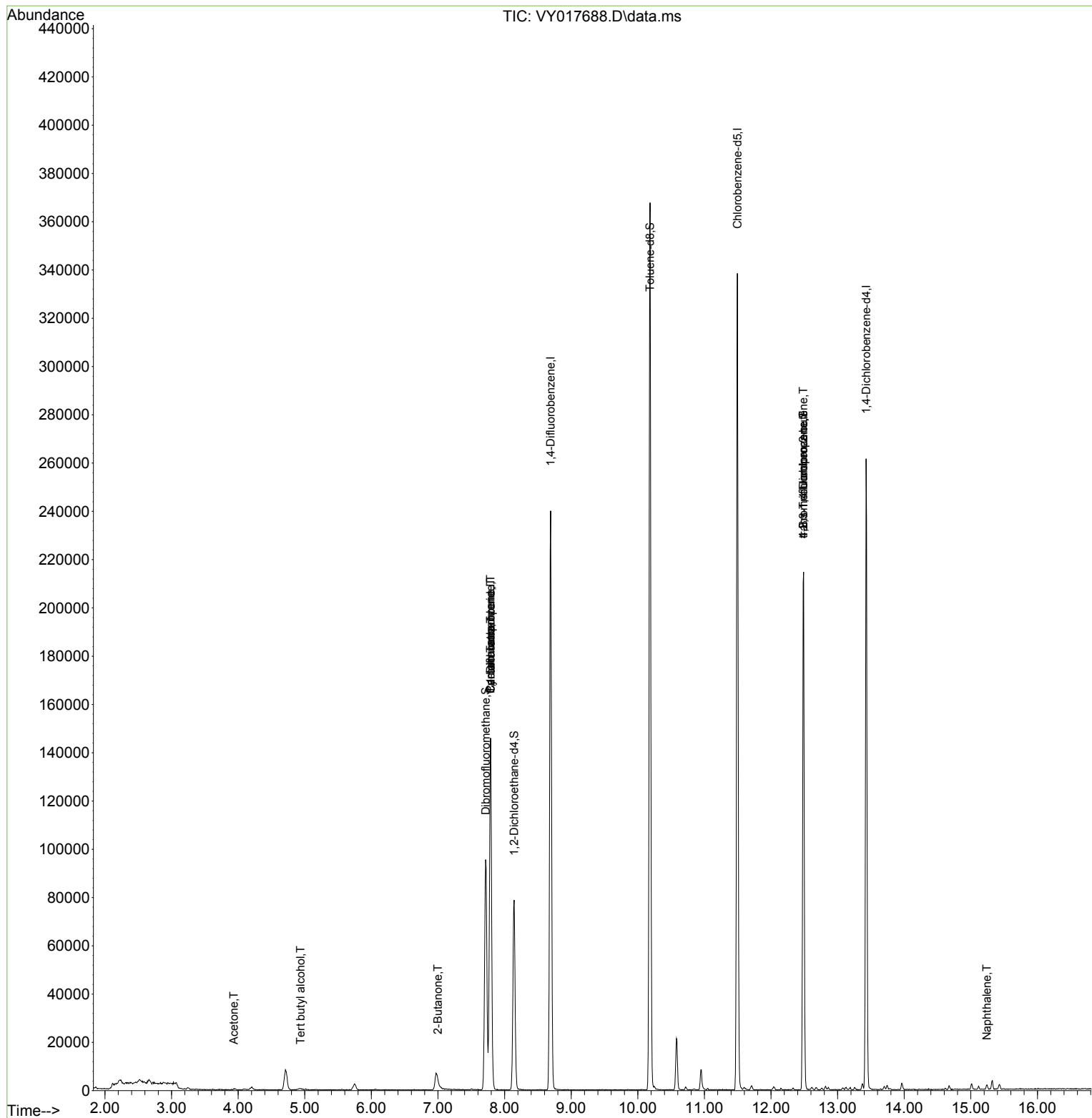
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	508	5.406	ug/l #	88
16) Acetone	3.936	43	696	3.244	ug/l #	72
20) Methylene Chloride	4.710	84	6683	Below Cal		96
25) 2-Butanone	6.996	43	488	1.596	ug/l #	41
31) Cyclohexane	7.789	56	2287	1.270	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8824	4.321	ug/l #	47
38) Carbon Tetrachloride	7.789	117	11449	5.594	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	32742	50.007	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32742	114.905	ug/l #	16
95) Naphthalene	15.239	128	1976	4.760	ug/l #	94

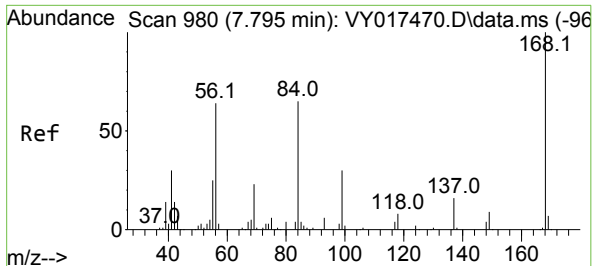
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
Data File : VY017688.D
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Operator : SY/MD
Sample : VY0318SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

Quant Time: Mar 19 04:08:06 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

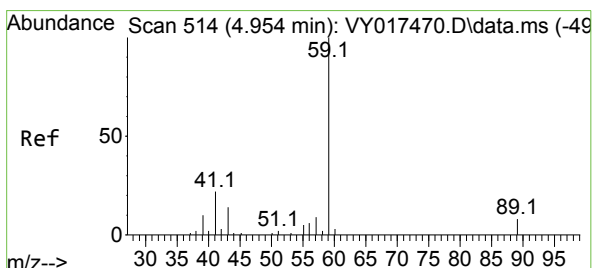
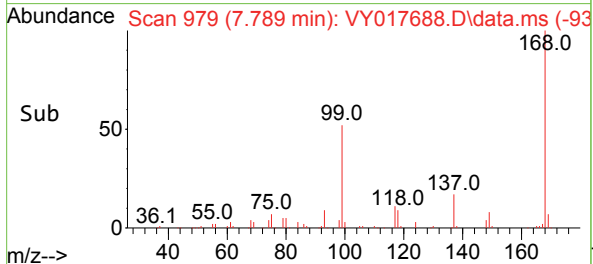
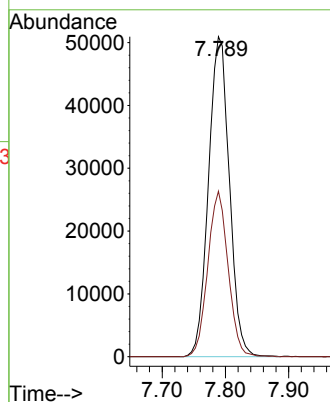
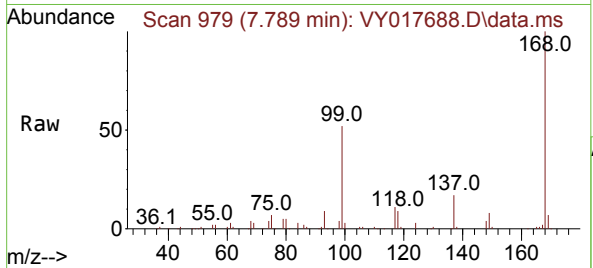




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017688.D
Acq: 18 Mar 2024 14:52

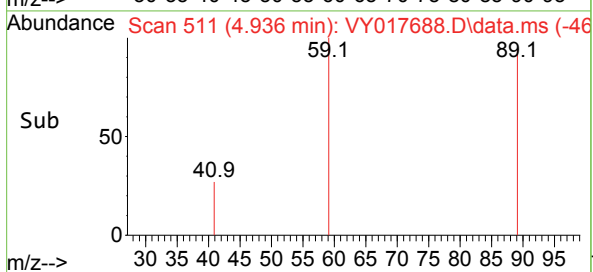
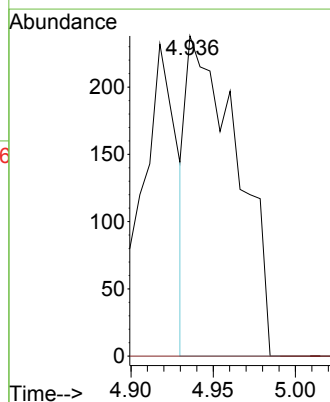
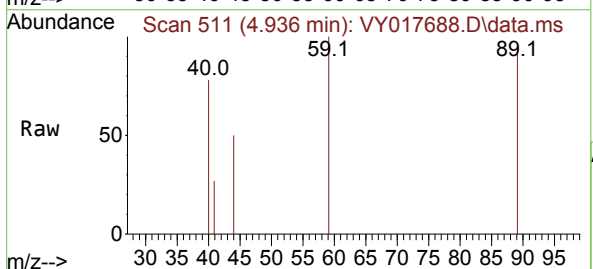
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

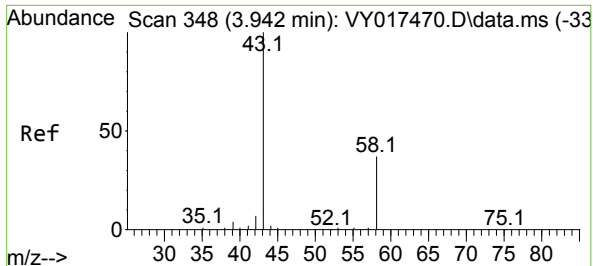
Tgt Ion:168 Resp: 116721
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 5.406 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017688.D
Acq: 18 Mar 2024 14:52

Tgt Ion: 59 Resp: 508
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 3.244 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY017688.D

Acq: 18 Mar 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

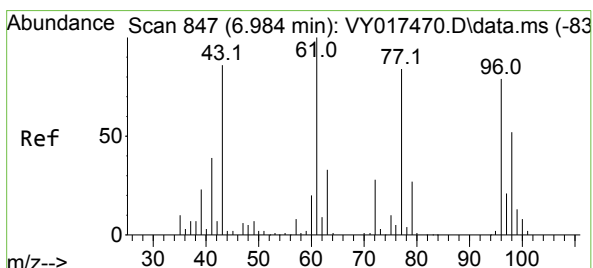
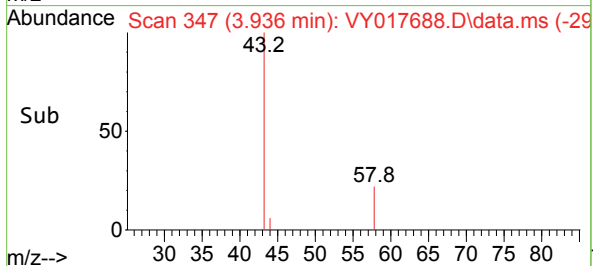
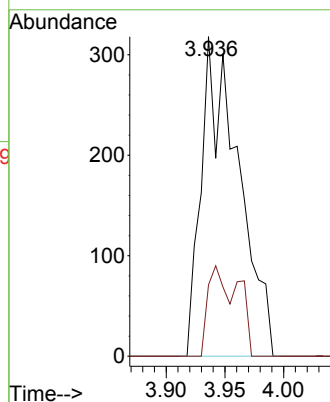
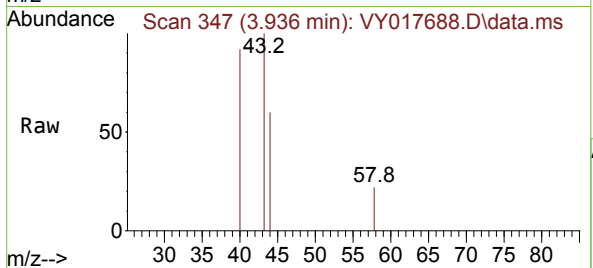
VY0318SBL01

Tgt Ion: 43 Resp: 696

Ion Ratio Lower Upper

43 100

58 22.3 31.7 47.5#



#25

2-Butanone

Concen: 1.596 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY017688.D

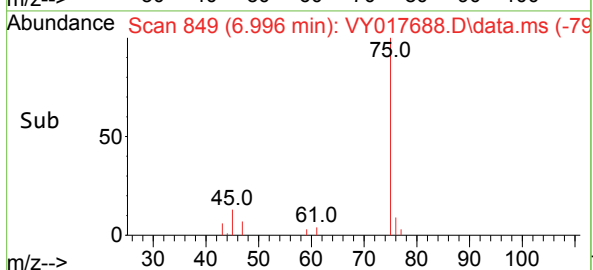
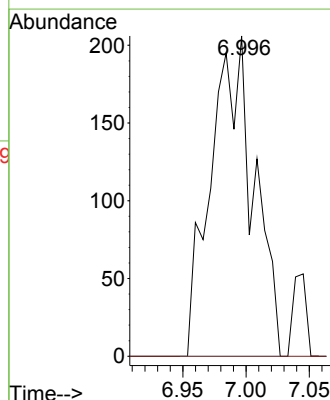
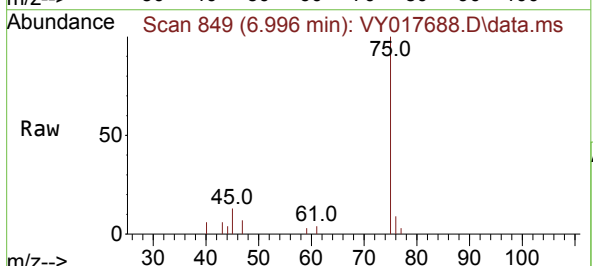
Acq: 18 Mar 2024 14:52

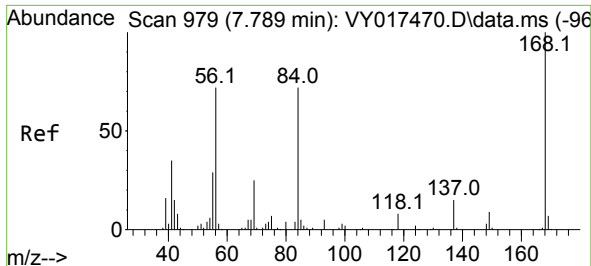
Tgt Ion: 43 Resp: 488

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#

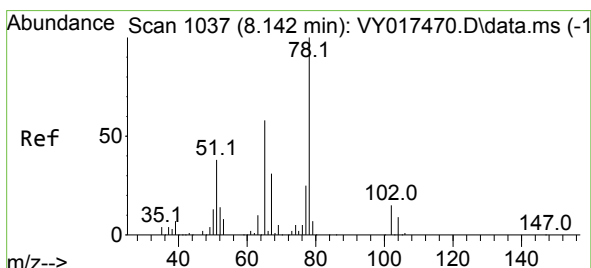
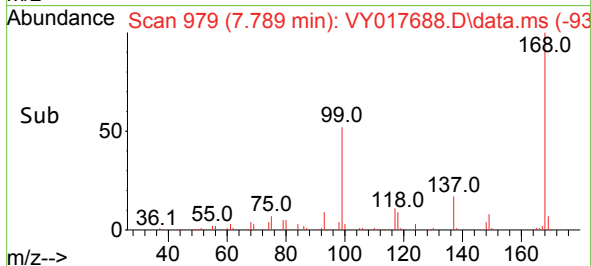
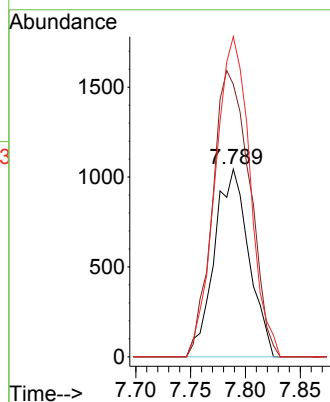
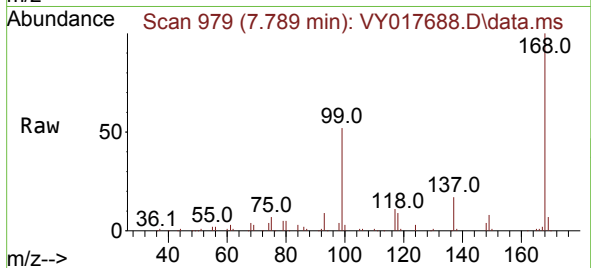




#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017688.D
Acq: 18 Mar 2024 14:52

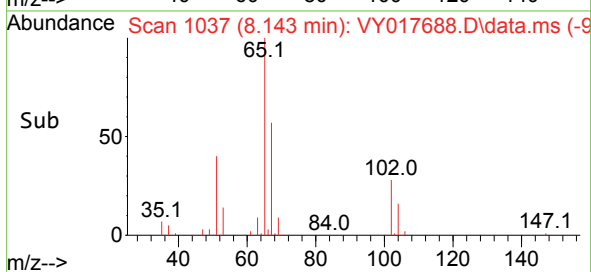
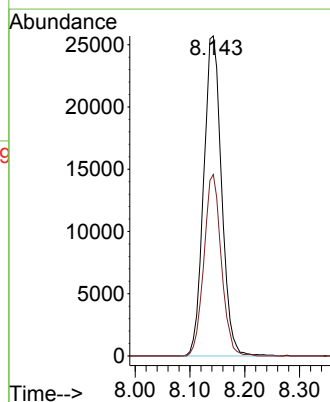
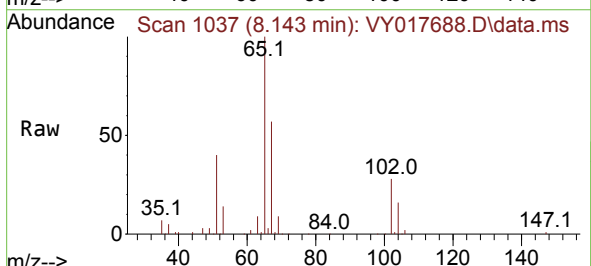
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

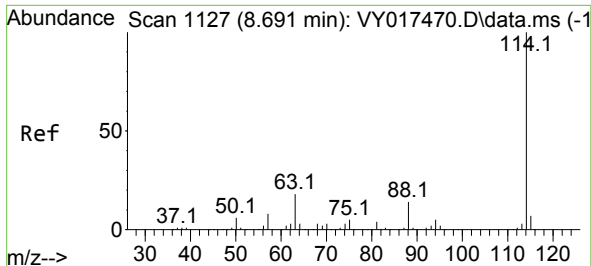
Tgt Ion: 56 Resp: 2287
Ion Ratio Lower Upper
56 100
69 145.2 28.7 43.1#
84 170.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.592 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017688.D
Acq: 18 Mar 2024 14:52

Tgt Ion: 65 Resp: 58177
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6

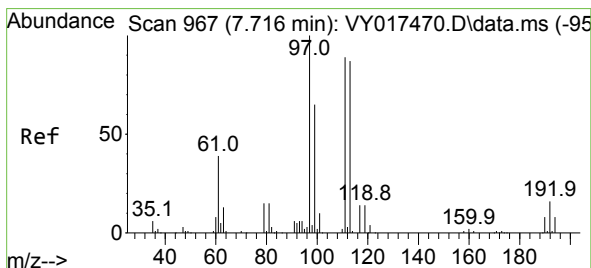
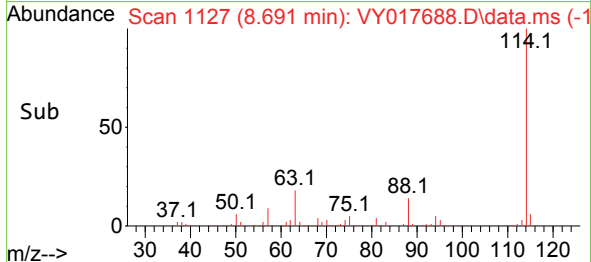
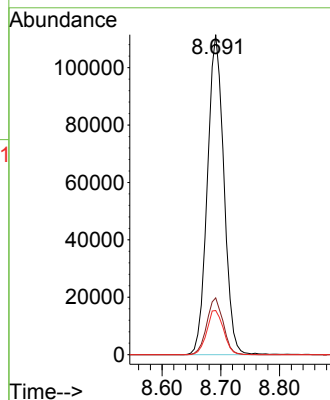
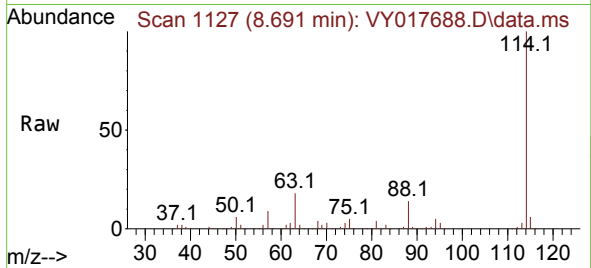




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017688.D
Acq: 18 Mar 2024 14:52

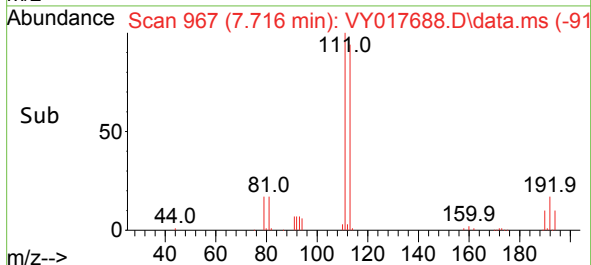
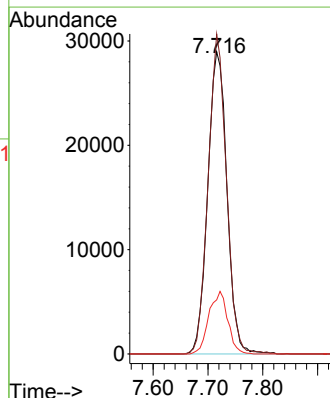
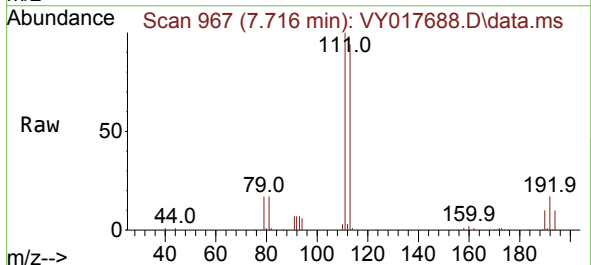
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

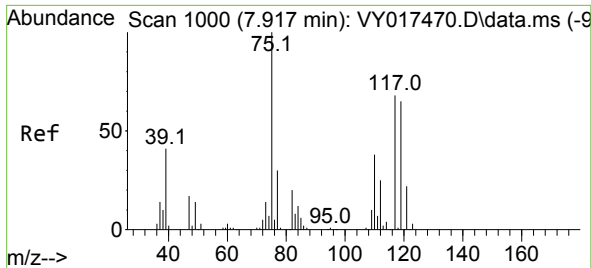
Tgt Ion:114 Resp: 217190
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 13.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.498 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017688.D
Acq: 18 Mar 2024 14:52

Tgt Ion:113 Resp: 70372
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 20.4 15.9 23.9

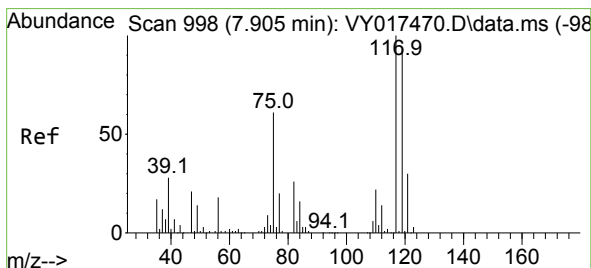
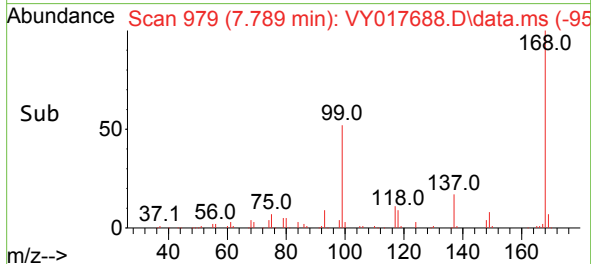
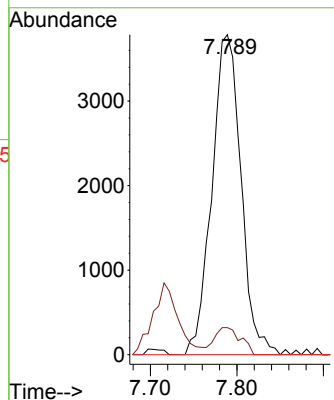
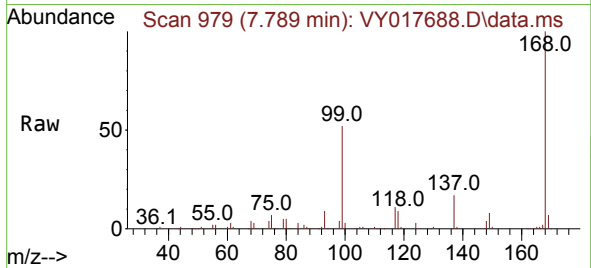




#36
 1,1-Dichloropropene
 Concen: 4.321 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY017688.D
 Acq: 18 Mar 2024 14:52

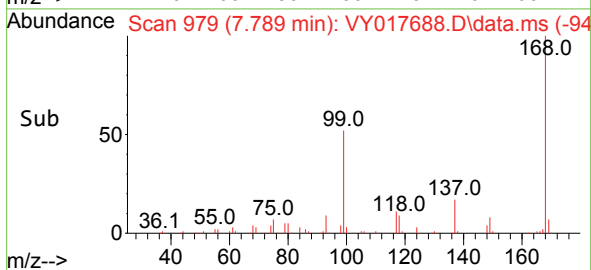
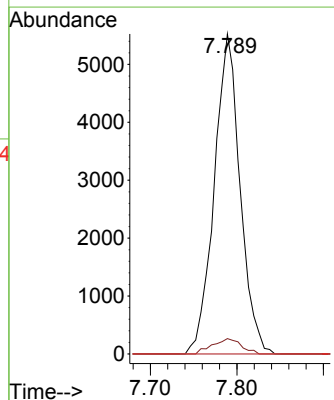
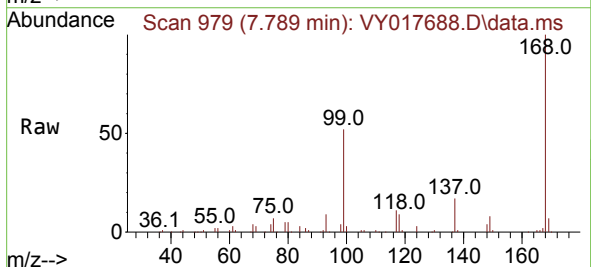
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBL01

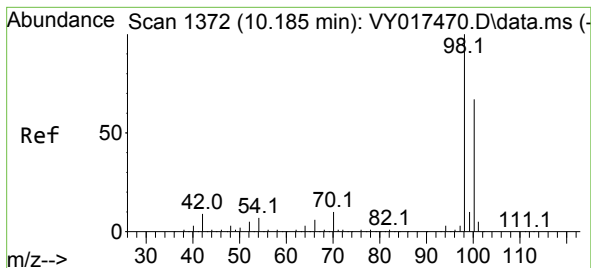
Tgt Ion: 75 Resp: 8824
 Ion Ratio Lower Upper
 75 100
 110 7.5 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.594 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.116 min
 Lab File: VY017688.D
 Acq: 18 Mar 2024 14:52

Tgt Ion: 117 Resp: 11449
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.8 113.6#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.475 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017688.D

Acq: 18 Mar 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

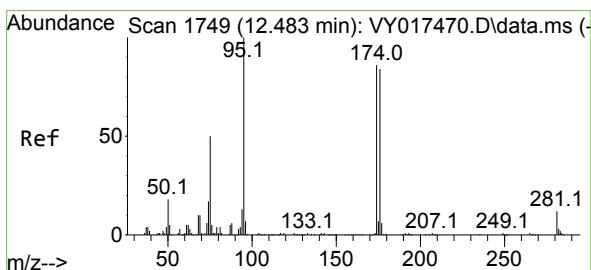
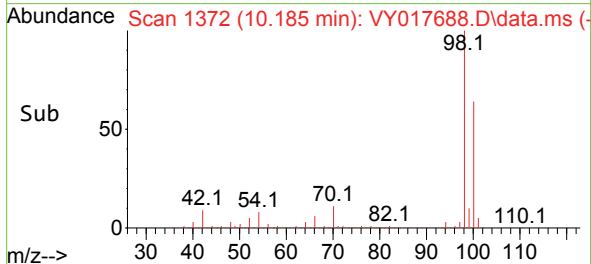
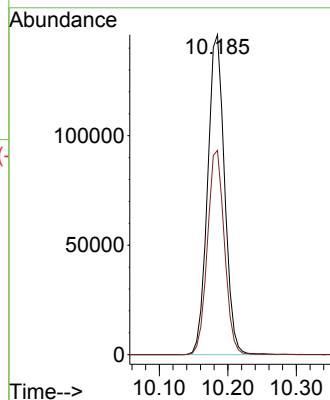
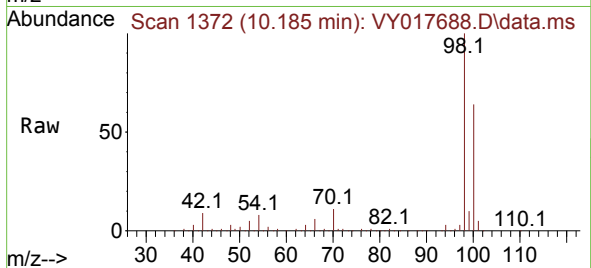
VY0318SBL01

Tgt Ion: 98 Resp: 251218

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.295 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017688.D

Acq: 18 Mar 2024 14:52

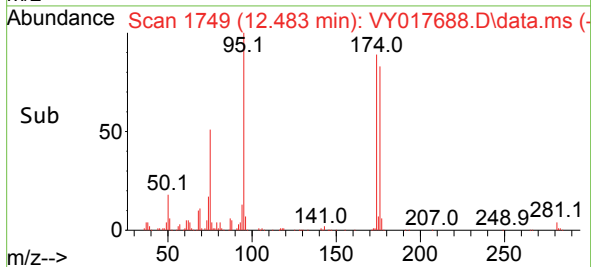
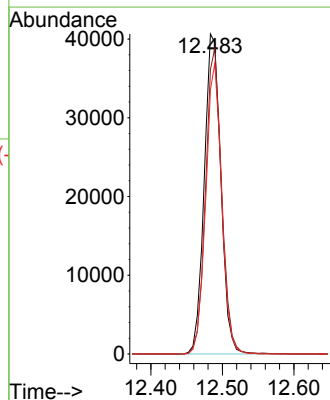
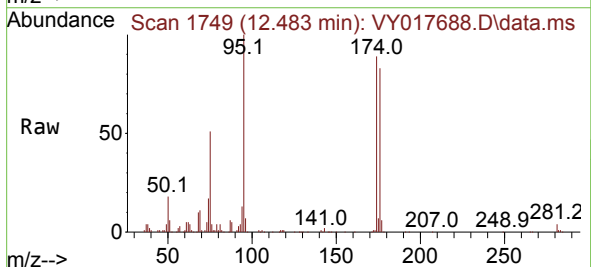
Tgt Ion: 95 Resp: 65347

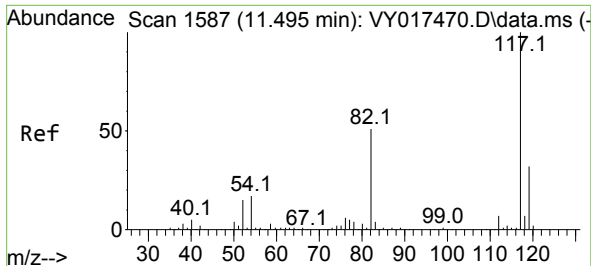
Ion Ratio Lower Upper

95 100

174 93.2 0.0 175.6

176 87.3 0.0 171.4

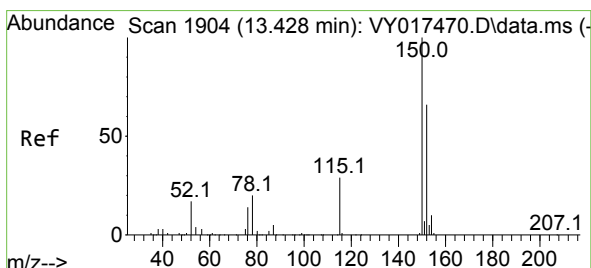
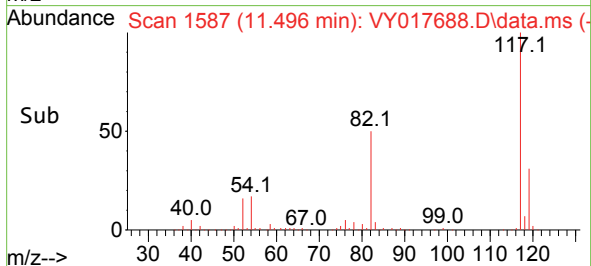
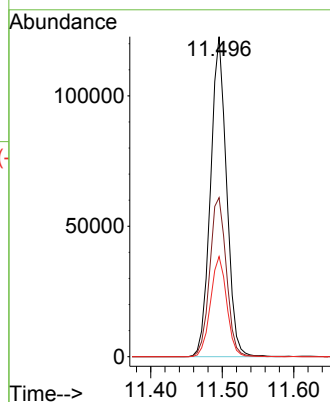
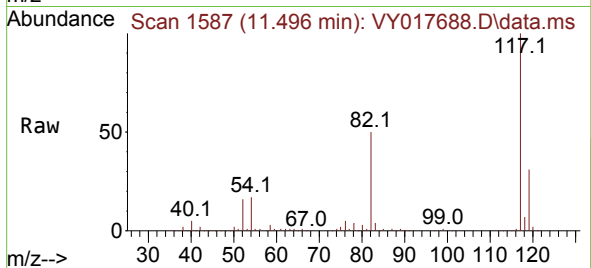




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017688.D
Acq: 18 Mar 2024 14:52

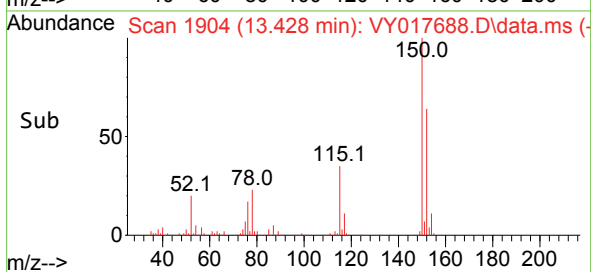
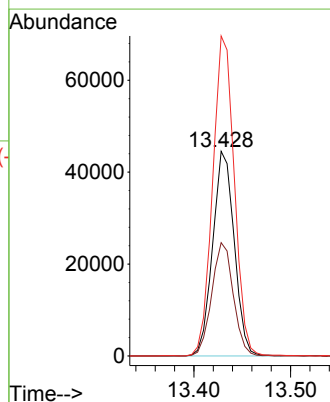
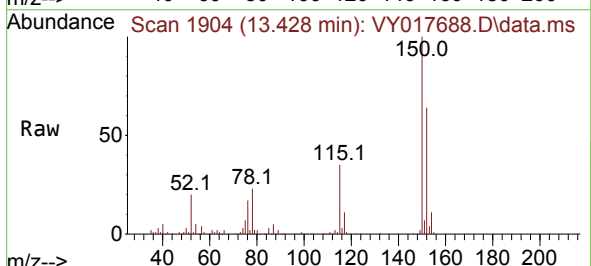
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

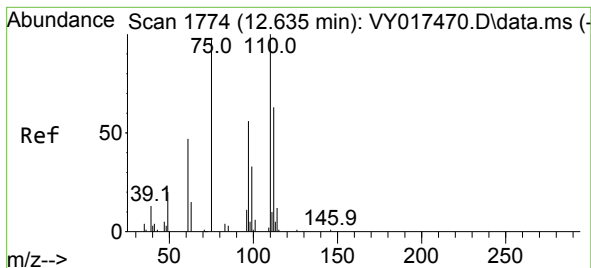
Tgt Ion:117 Resp: 191078
Ion Ratio Lower Upper
117 100
82 49.7 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017688.D
Acq: 18 Mar 2024 14:52

Tgt Ion:152 Resp: 68910
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 157.1 0.0 345.6

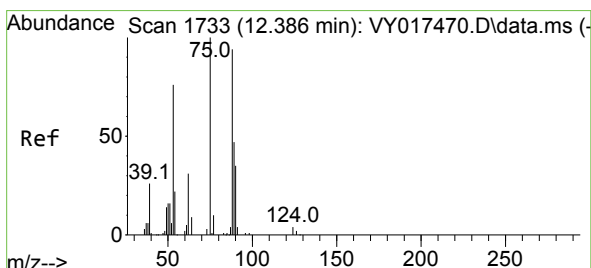
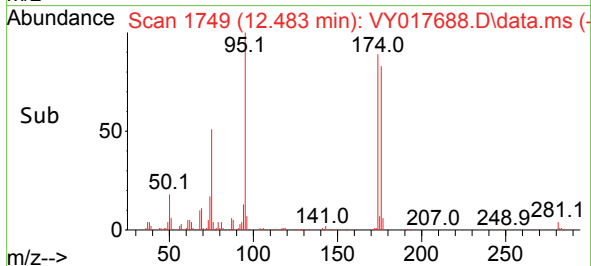
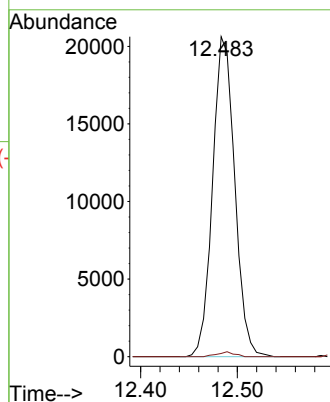
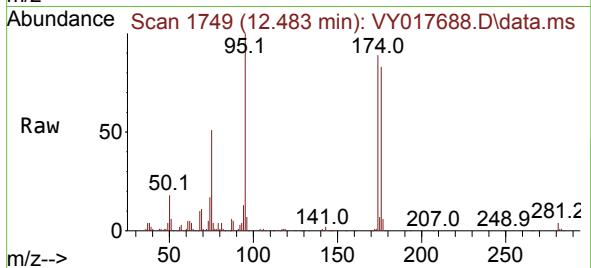




#76
1,2,3-Trichloropropane
Concen: 50.007 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017688.D
Acq: 18 Mar 2024 14:52

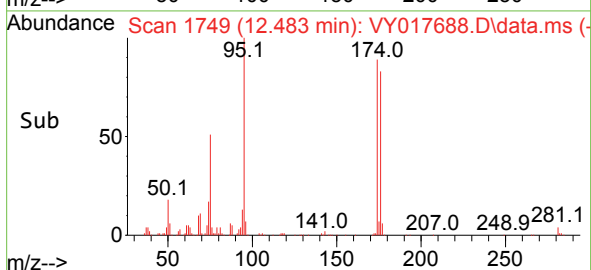
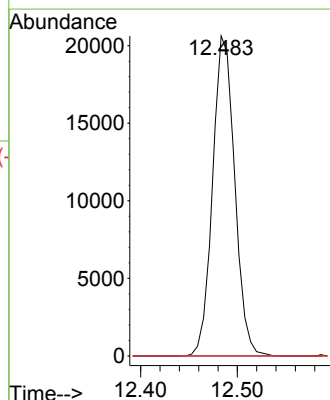
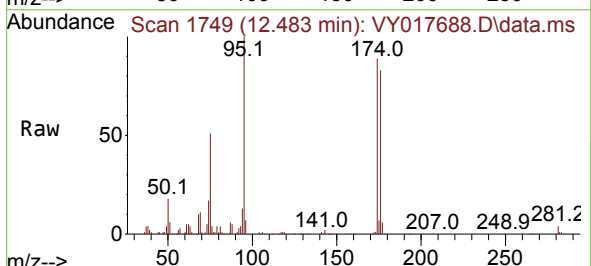
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

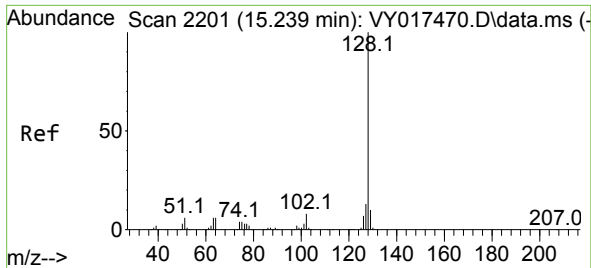
Tgt Ion: 75 Resp: 32742
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.905 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017688.D
Acq: 18 Mar 2024 14:52

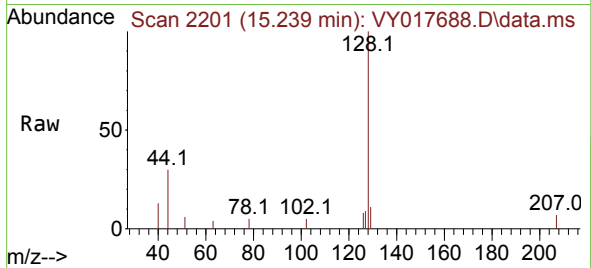
Tgt Ion: 75 Resp: 32742
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.760 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017688.D
Acq: 18 Mar 2024 14:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01



Tgt Ion:128 Resp: 1976
Ion Ratio Lower Upper
128 100
127 15.3 10.6 16.0
129 7.9 8.6 13.0#

