

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017589.D
 Acq On : 06 Mar 2024 13:50
 Operator : SY/MD
 Sample : P1685-02RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12002

Quant Time: Mar 07 02:07:41 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	7.783	168	109586	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	197646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	177711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68860	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56825	54.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.420%
35) Dibromofluoromethane	7.716	113	63862	46.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.740%
50) Toluene-d8	10.179	98	225890	46.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.820%
62) 4-Bromofluorobenzene	12.483	95	62489	41.292	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.580%

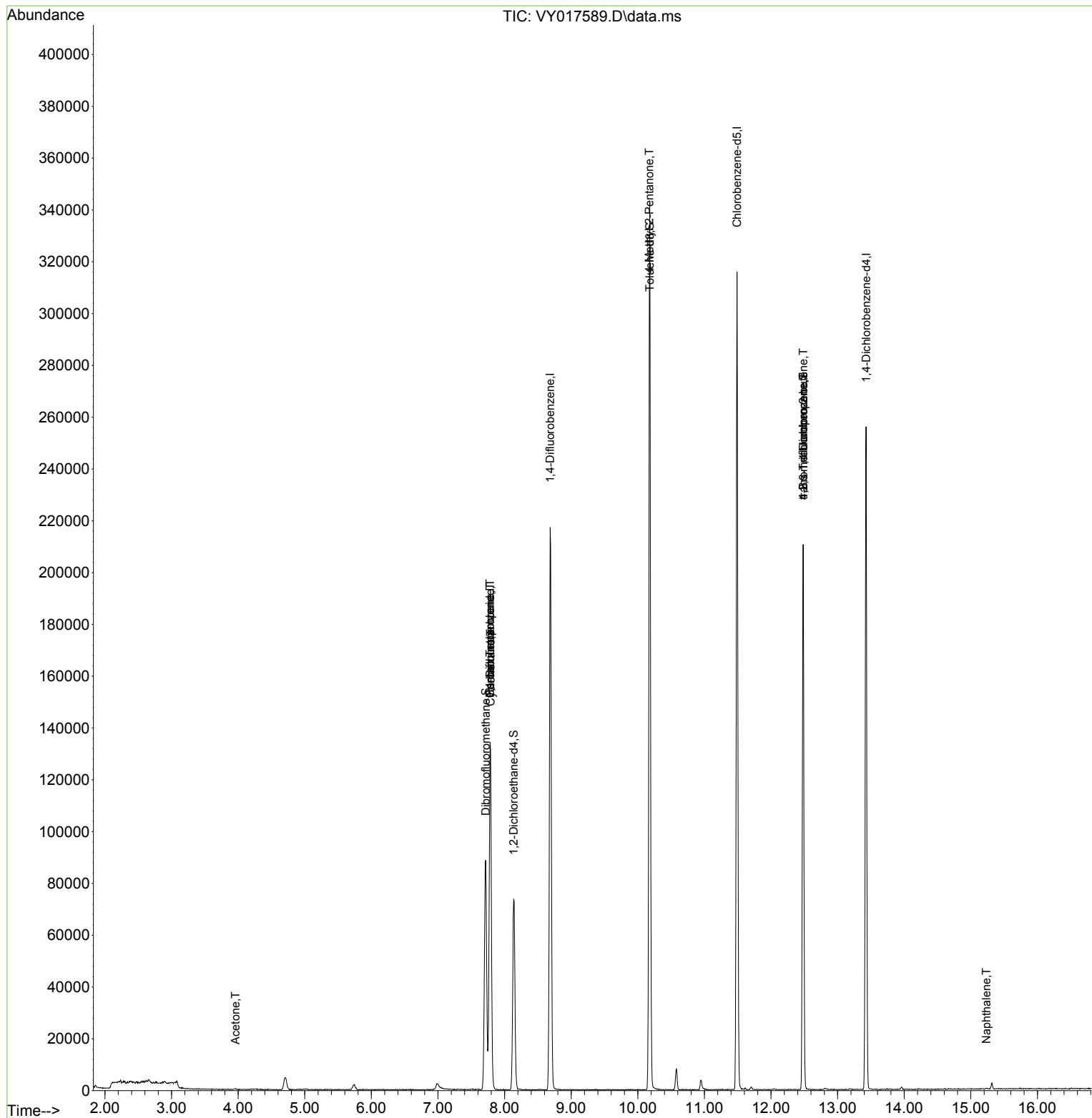
Target Compounds					Qvalue	
16) Acetone	3.960	43	478	2.373	ug/l	94
20) Methylene Chloride	4.698	84	3937	Below Cal	#	96
31) Cyclohexane	7.789	56	2013	1.191	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	8027	4.320	ug/l #	47
38) Carbon Tetrachloride	7.783	117	10072	5.408	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	727	1.011	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	31202	47.690	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31202	109.580	ug/l #	16
95) Naphthalene	15.233	128	535	4.143	ug/l #	69

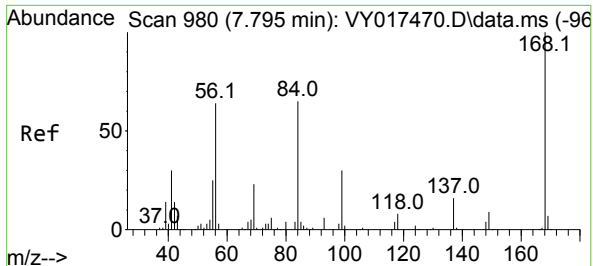
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
Data File : VY017589.D
Acq On : 06 Mar 2024 13:50
Operator : SY/MD
Sample : P1685-02RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-12002

Quant Time: Mar 07 02:07:41 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

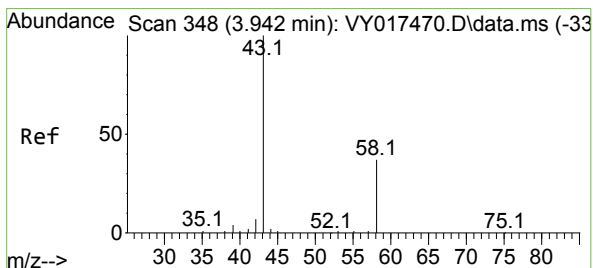
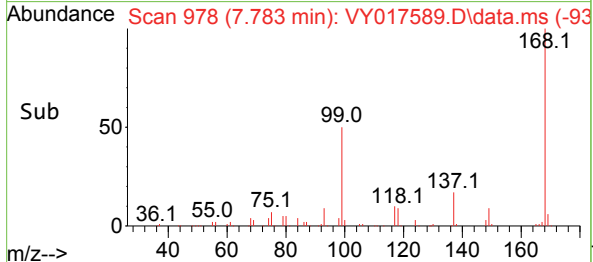
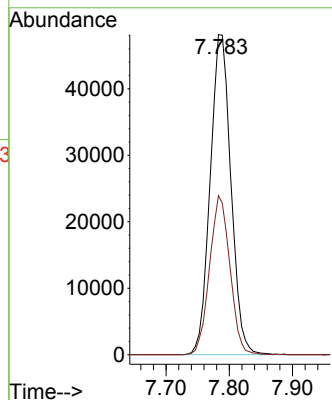
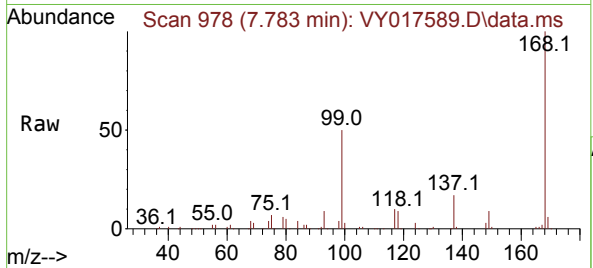




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017589.D
Acq: 06 Mar 2024 13:50

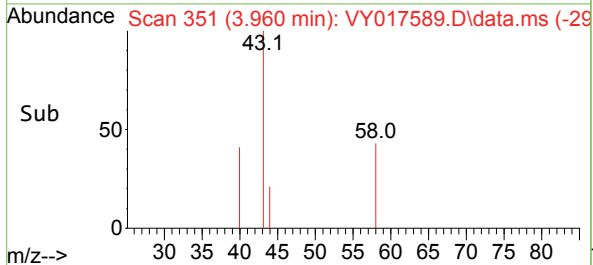
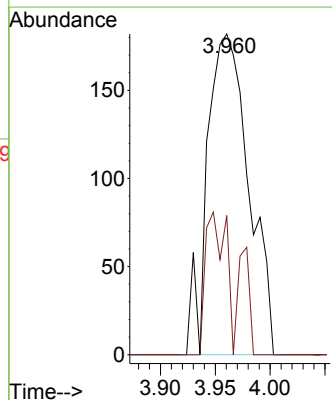
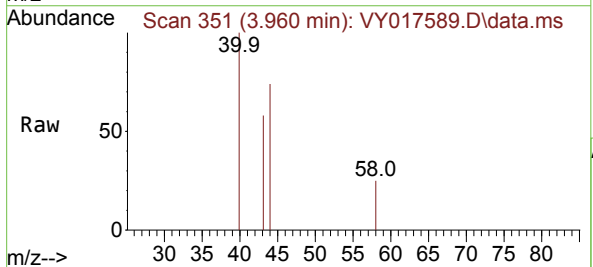
Instrument :
MSVOA_Y
ClientSampleId :
72-12002

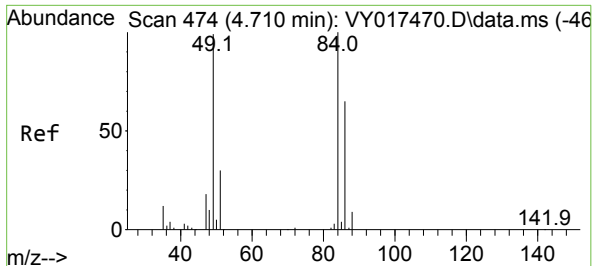
Tgt Ion:168 Resp: 109586
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#16
Acetone
Concen: 2.373 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017589.D
Acq: 06 Mar 2024 13:50

Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
58 43.4 31.7 47.5





#20

Methylene Chloride

Concen: Below Cal

RT: 4.698 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY017589.D

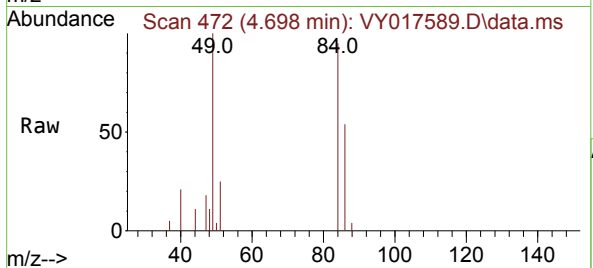
Acq: 06 Mar 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

72-12002



Tgt Ion: 84 Resp: 3937

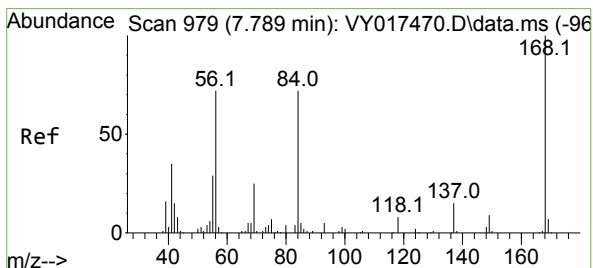
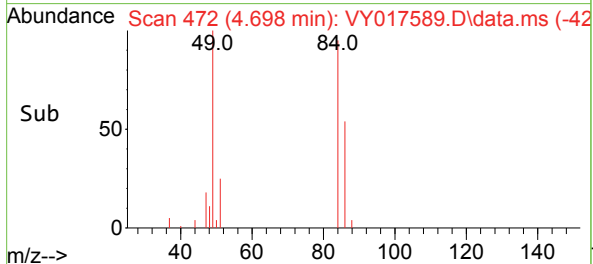
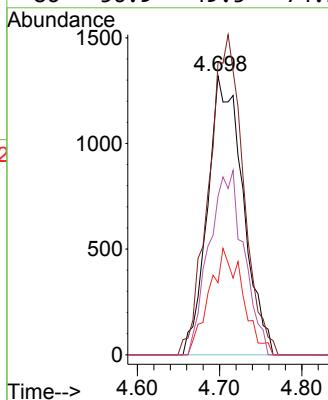
Ion Ratio Lower Upper

84 100

49 104.8 84.4 126.6

51 25.8 26.0 39.0#

86 56.9 49.5 74.3



#31

Cyclohexane

Concen: 1.191 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY017589.D

Acq: 06 Mar 2024 13:50

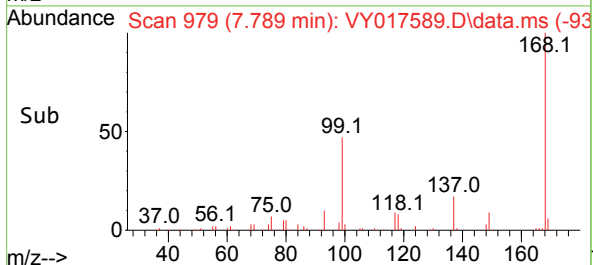
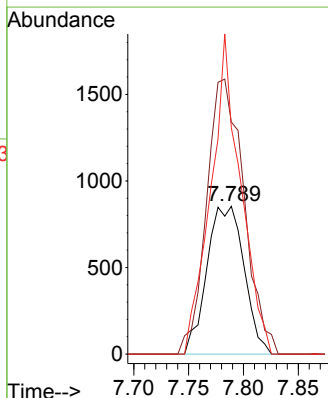
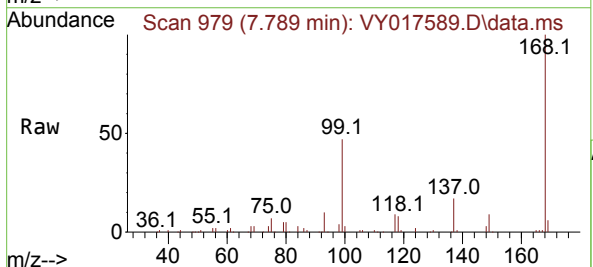
Tgt Ion: 56 Resp: 2013

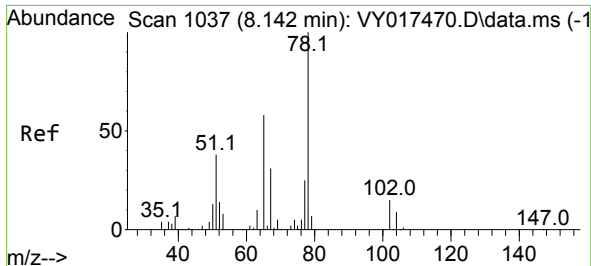
Ion Ratio Lower Upper

56 100

69 157.0 28.7 43.1#

84 153.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 54.714 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017589.D

Acq: 06 Mar 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

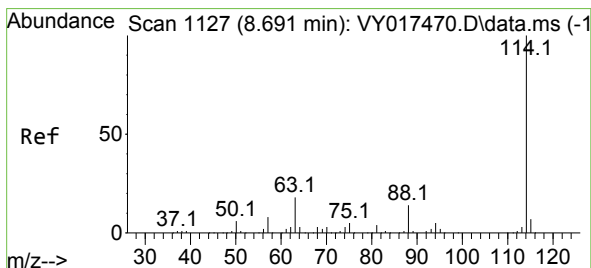
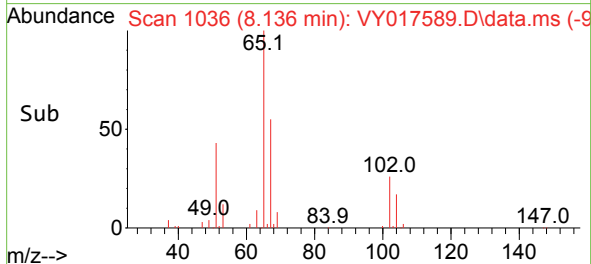
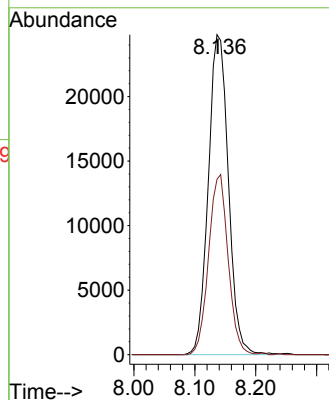
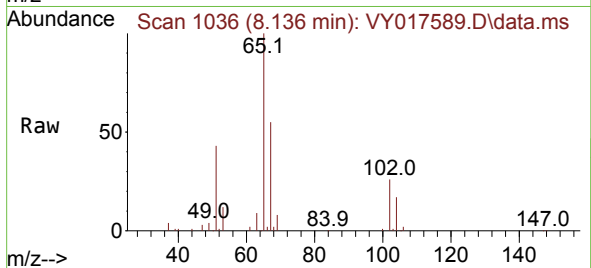
72-12002

Tgt Ion: 65 Resp: 56825

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017589.D

Acq: 06 Mar 2024 13:50

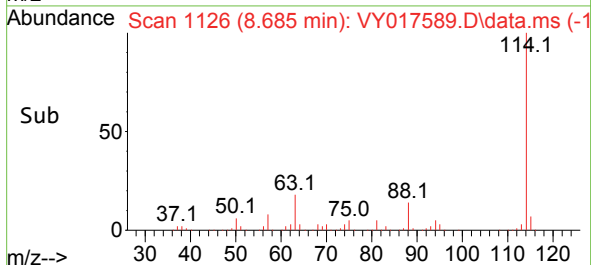
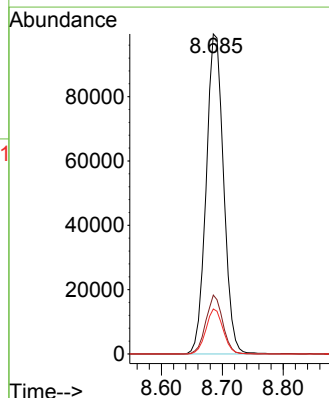
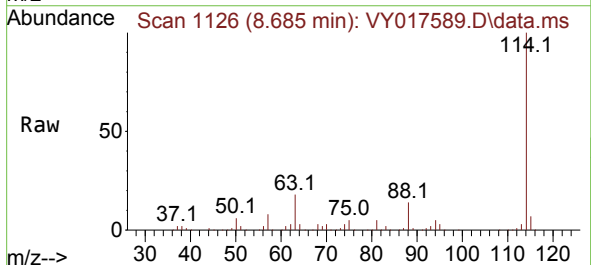
Tgt Ion: 114 Resp: 197646

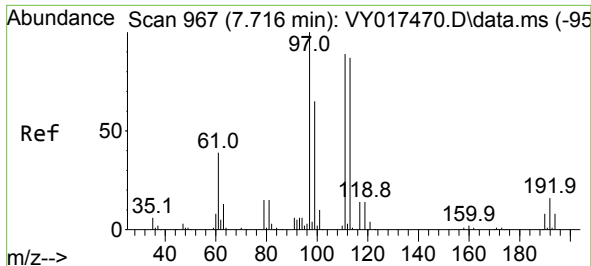
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.1 0.0 27.2

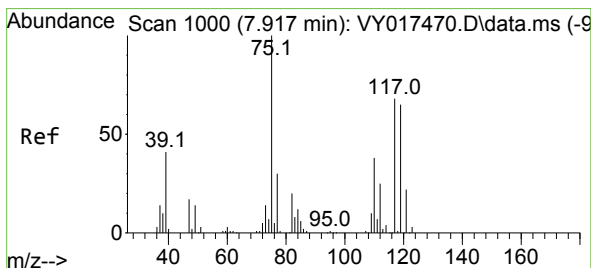
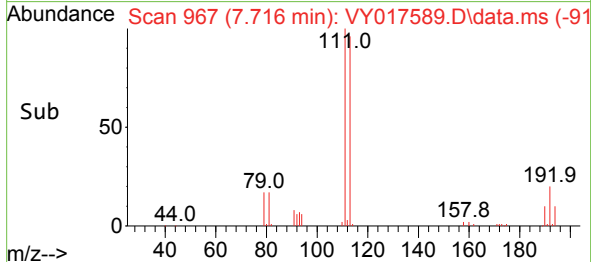
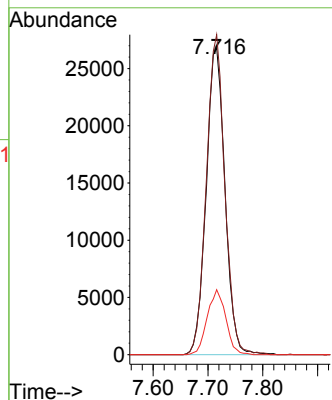
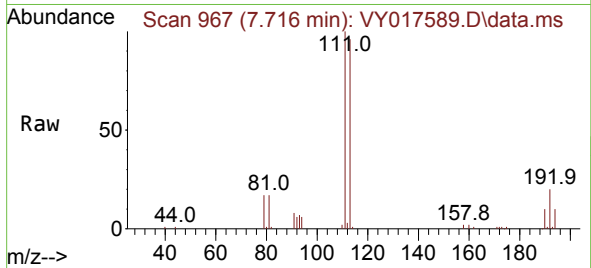




#35
Dibromofluoromethane
Concen: 46.369 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017589.D
Acq: 06 Mar 2024 13:50

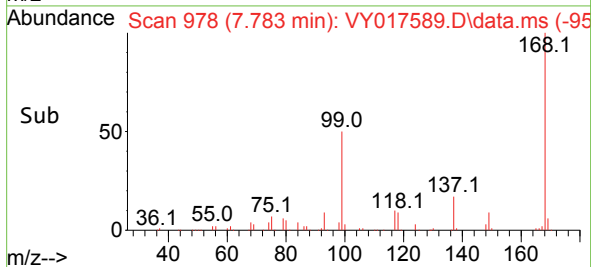
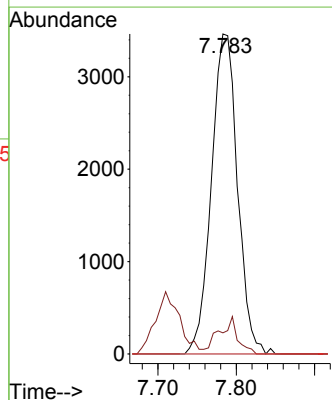
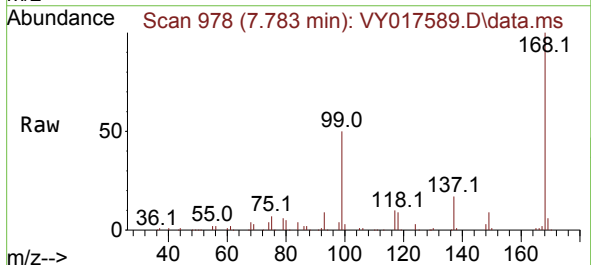
Instrument :
MSVOA_Y
ClientSampleId :
72-12002

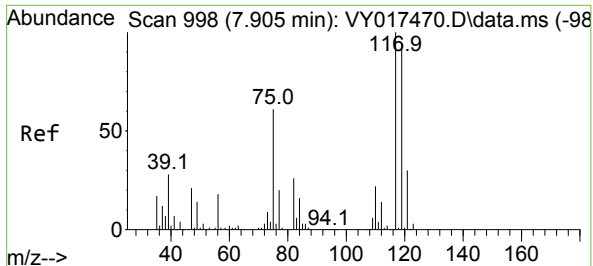
Tgt Ion:113 Resp: 63862
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 20.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.320 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017589.D
Acq: 06 Mar 2024 13:50

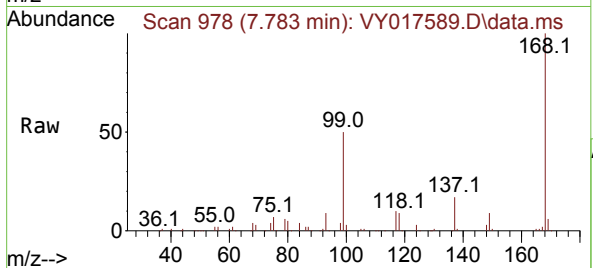
Tgt Ion: 75 Resp: 8027
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



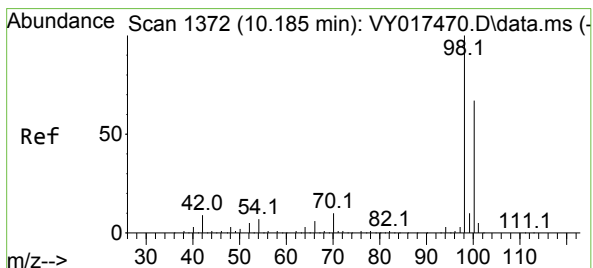
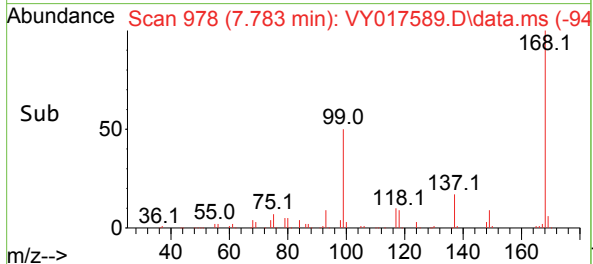
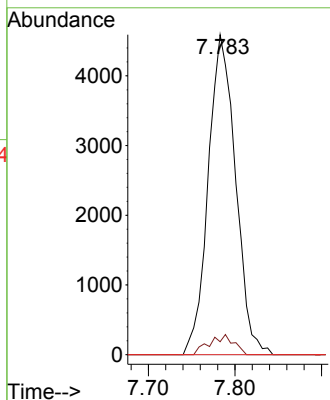


#38
Carbon Tetrachloride
Concen: 5.408 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017589.D
Acq: 06 Mar 2024 13:50

Instrument :
MSVOA_Y
ClientSampleId :
72-12002

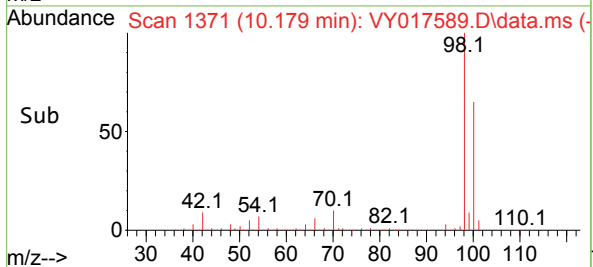
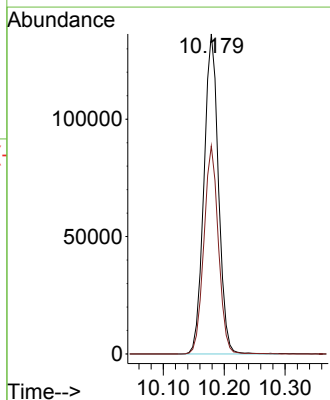
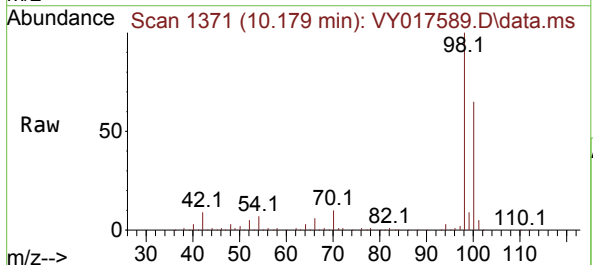


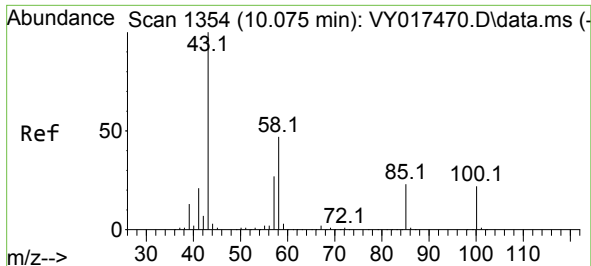
Tgt Ion:117 Resp: 10072
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.910 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017589.D
Acq: 06 Mar 2024 13:50

Tgt Ion: 98 Resp: 225890
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

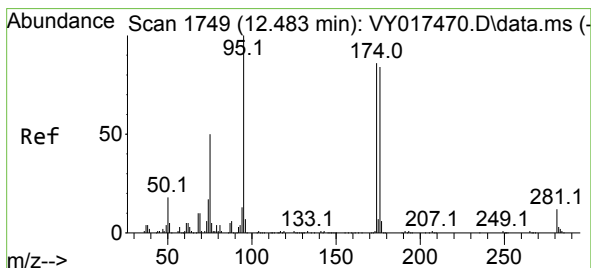
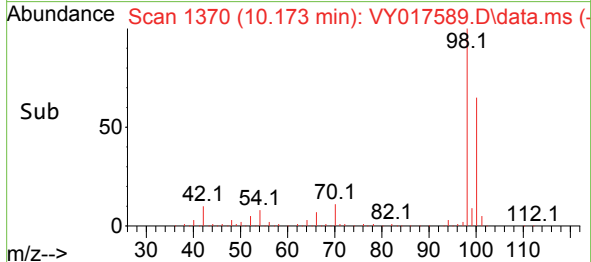
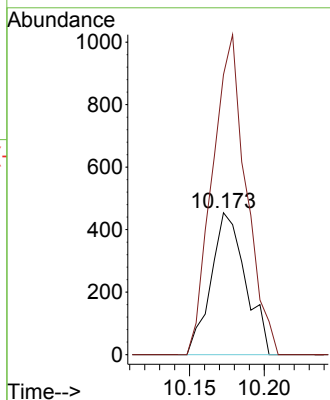
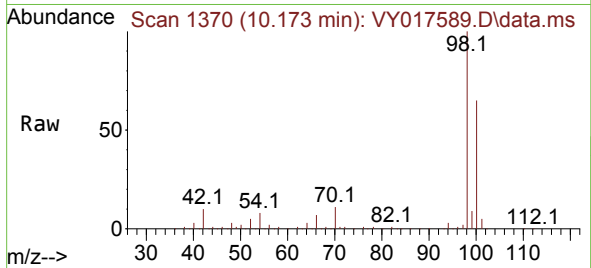




#51
4-Methyl-2-Pentanone
Concen: 1.011 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017589.D
Acq: 06 Mar 2024 13:50

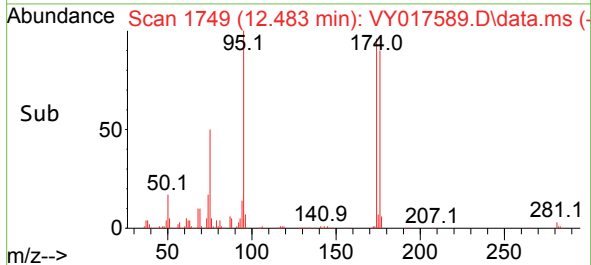
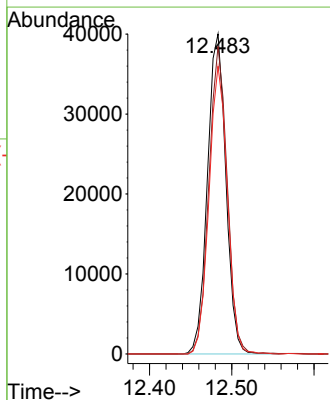
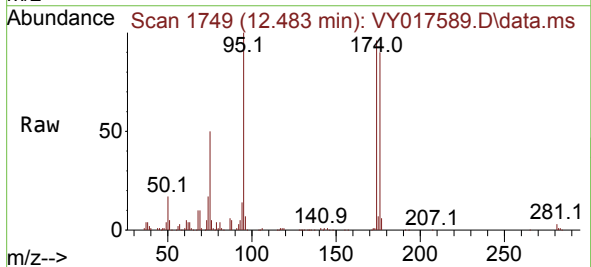
Instrument :
MSVOA_Y
ClientSampleId :
72-12002

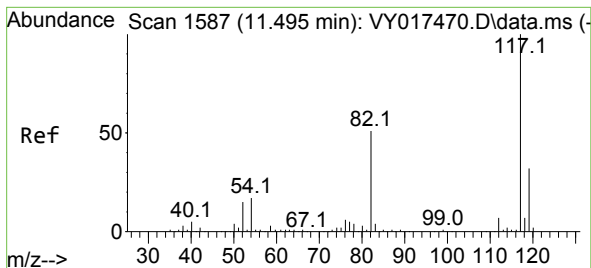
Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 221.3 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 41.292 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017589.D
Acq: 06 Mar 2024 13:50

Tgt Ion: 95 Resp: 62489
Ion Ratio Lower Upper
95 100
174 95.5 0.0 175.6
176 89.9 0.0 171.4

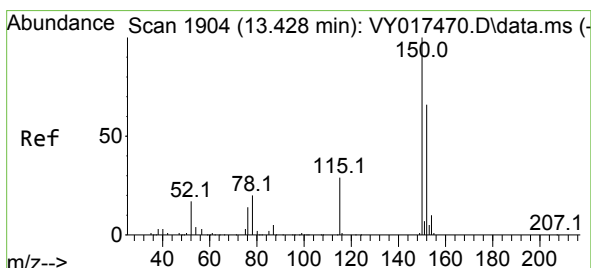
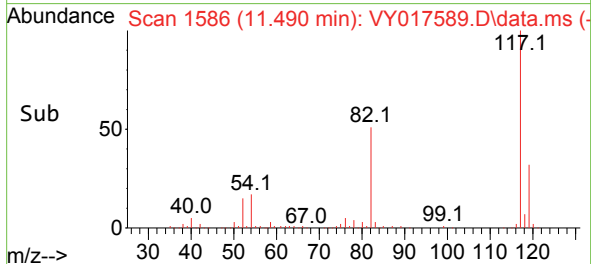
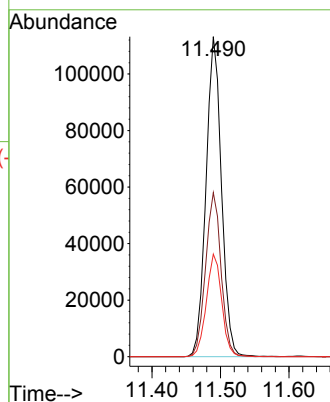
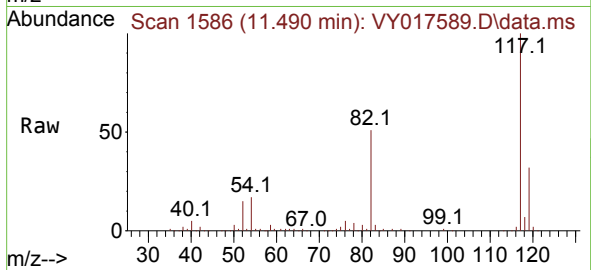




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017589.D
Acq: 06 Mar 2024 13:50

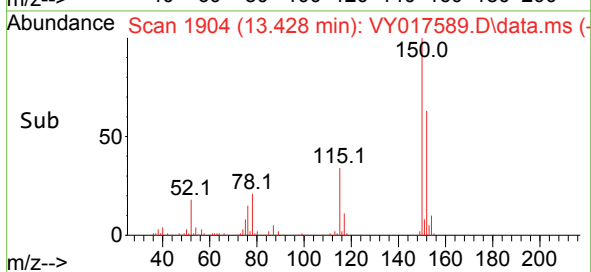
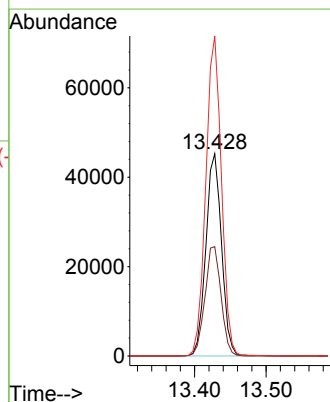
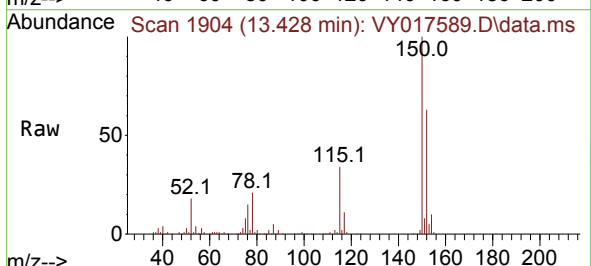
Instrument :
MSVOA_Y
ClientSampleId :
72-12002

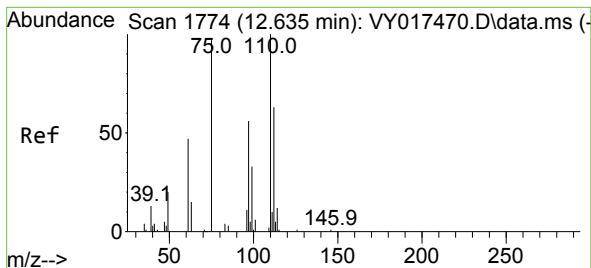
Tgt Ion:117 Resp: 177711
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017589.D
Acq: 06 Mar 2024 13:50

Tgt Ion:152 Resp: 68860
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 157.7 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 47.690 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017589.D

Acq: 06 Mar 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

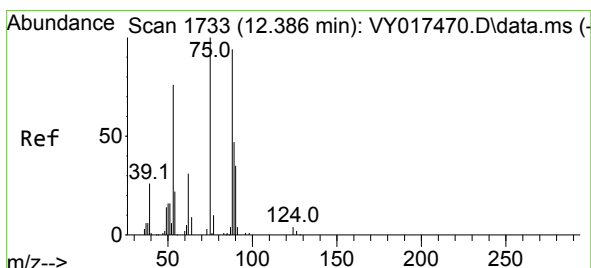
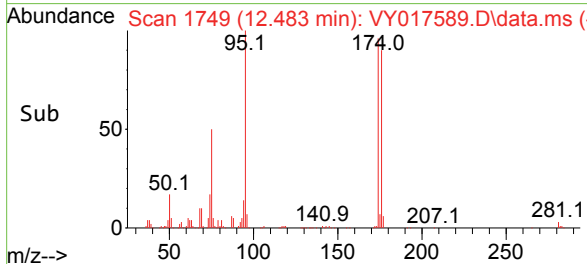
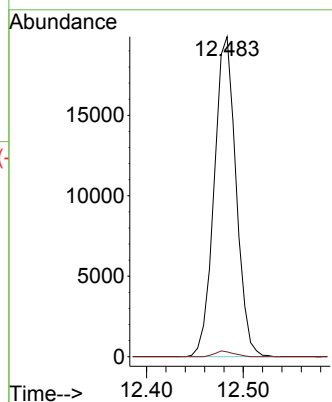
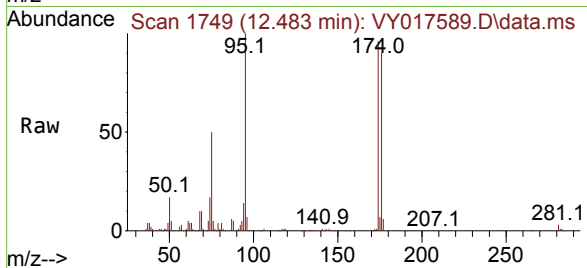
72-12002

Tgt Ion: 75 Resp: 31202

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 109.580 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017589.D

Acq: 06 Mar 2024 13:50

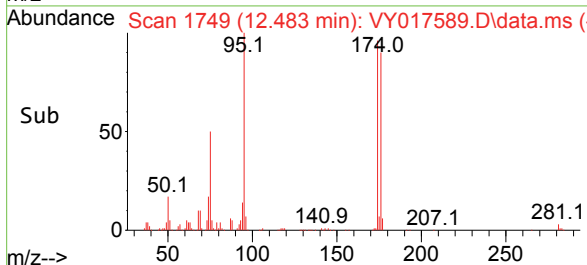
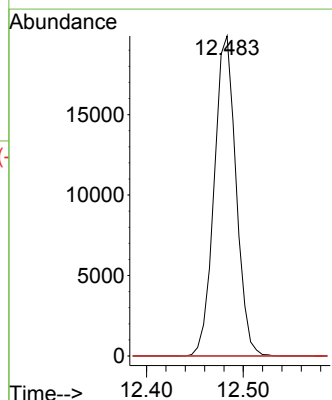
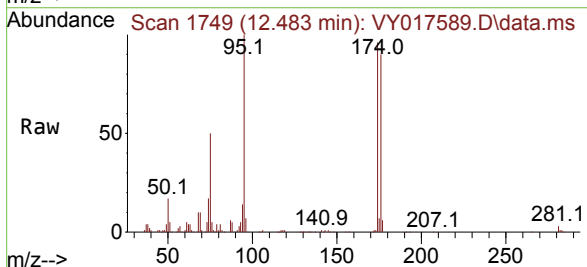
Tgt Ion: 75 Resp: 31202

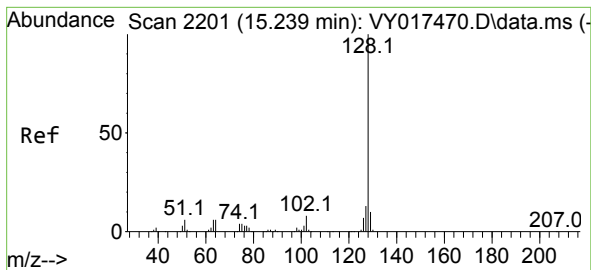
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 4.143 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017589.D

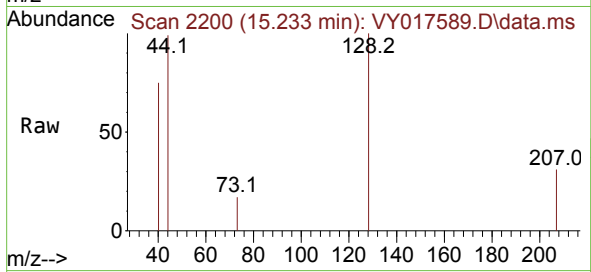
Acq: 06 Mar 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

72-12002



Tgt Ion:128 Resp: 535

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

