

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017606.D
 Acq On : 07 Mar 2024 16:44
 Operator : SY/MD
 Sample : P1701-07
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-4-GRAB

Quant Time: Mar 08 03:27:14 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)

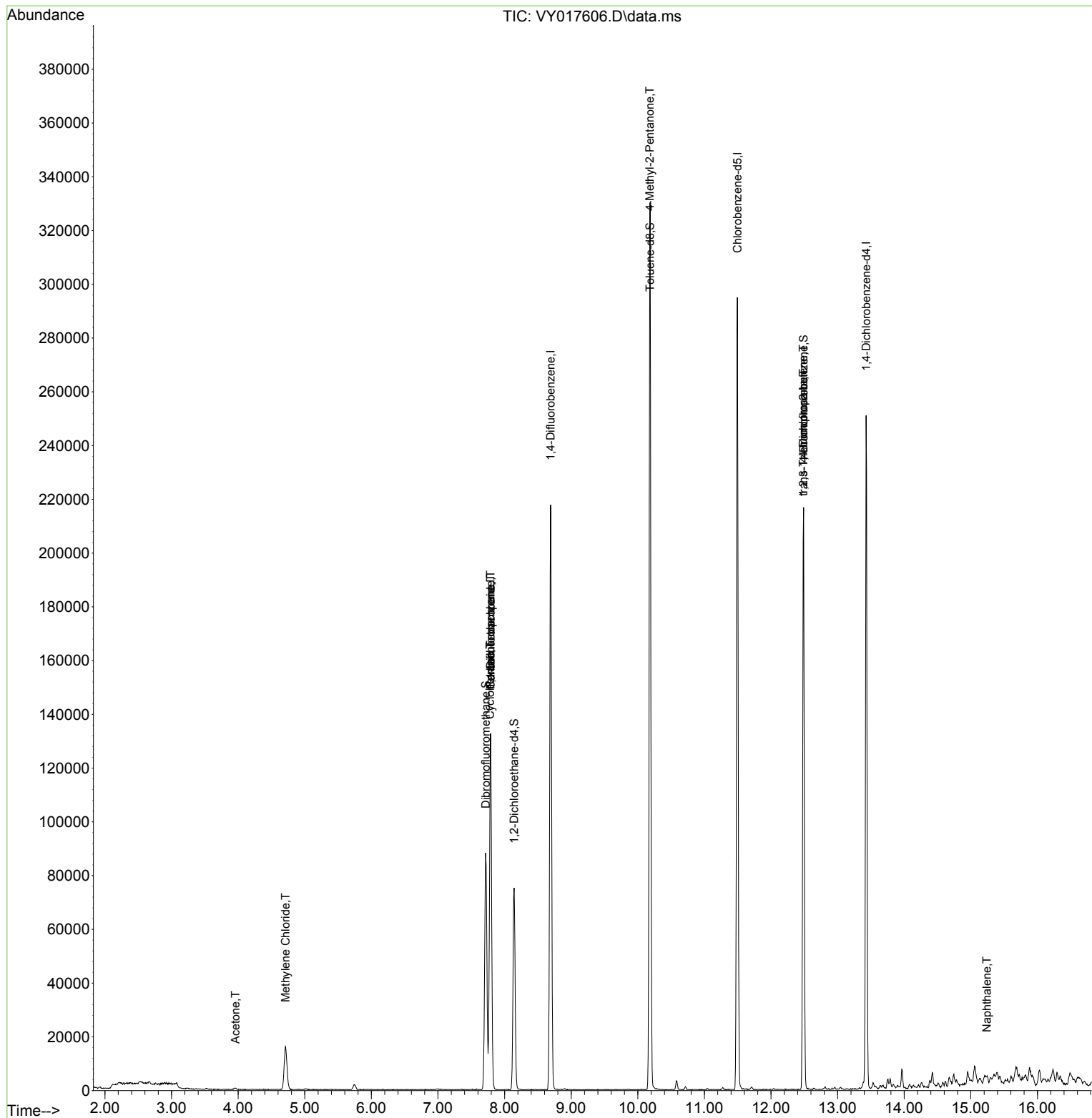
Internal Standards						
1) Pentafluorobenzene	7.789	168	106330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	172859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56139	55.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.420%
35) Dibromofluoromethane	7.716	113	63739	47.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.660%
50) Toluene-d8	10.185	98	222120	47.177	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.489	95	60371	40.800	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.600%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	869	4.446	ug/l #	73
20) Methylene Chloride	4.710	84	12600	6.170	ug/l	96
31) Cyclohexane	7.783	56	1991	1.214	ug/l #	33
36) 1,1-Dichloropropene	7.789	75	7853	4.322	ug/l #	47
38) Carbon Tetrachloride	7.789	117	9506	5.220	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	709	1.009	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	30731	48.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30731	111.568	ug/l #	16
95) Naphthalene	15.239	128	728	4.236	ug/l #	59

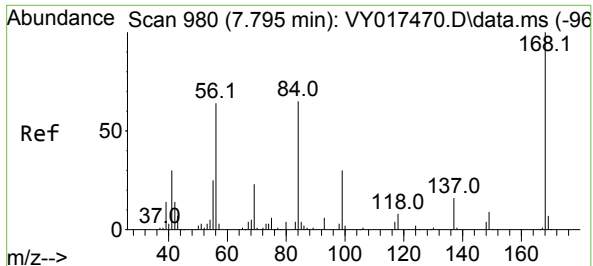
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
Data File : VY017606.D
Acq On : 07 Mar 2024 16:44
Operator : SY/MD
Sample : P1701-07
Misc : 6.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC-4-GRAB

Quant Time: Mar 08 03:27:14 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

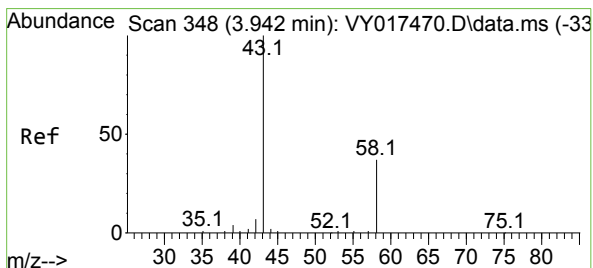
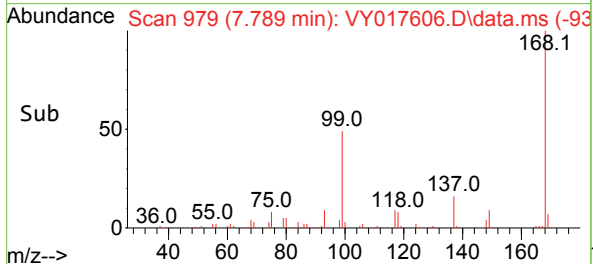
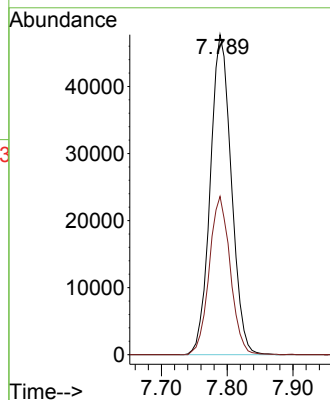
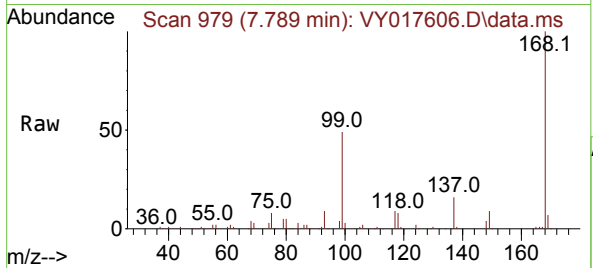




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017606.D
Acq: 07 Mar 2024 16:44

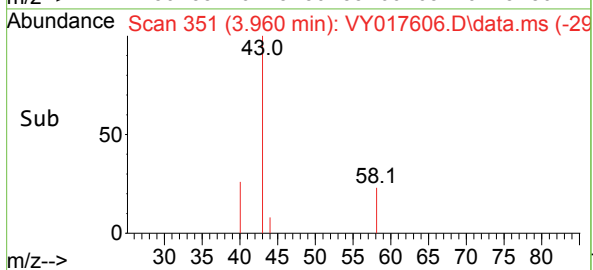
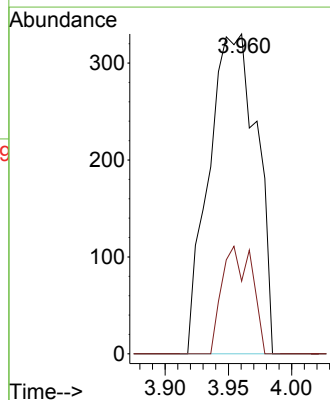
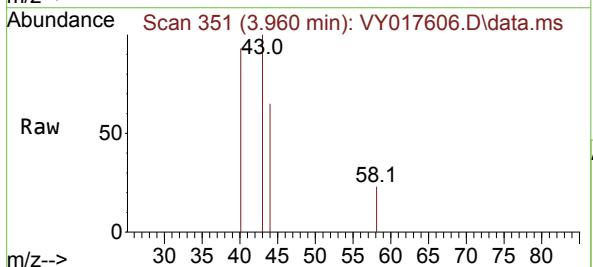
Instrument :
MSVOA_Y
ClientSampleId :
VOC-4-GRAB

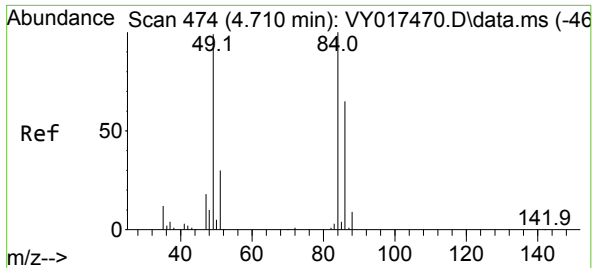
Tgt Ion:168 Resp: 106330
Ion Ratio Lower Upper
168 100
99 49.5 39.1 58.7



#16
Acetone
Concen: 4.446 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017606.D
Acq: 07 Mar 2024 16:44

Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
58 22.7 31.7 47.5#

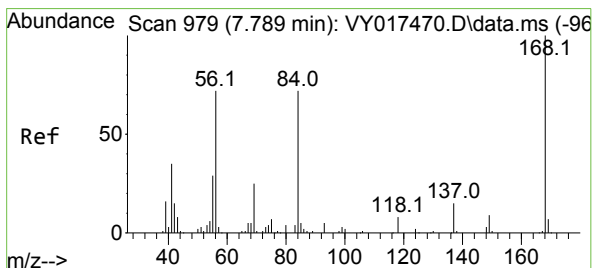
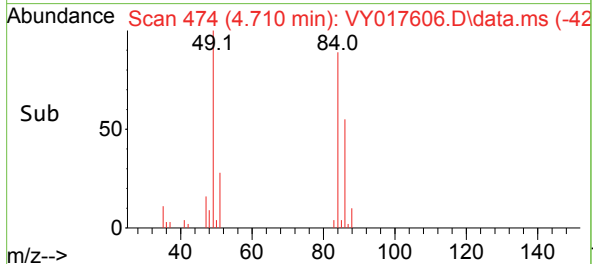
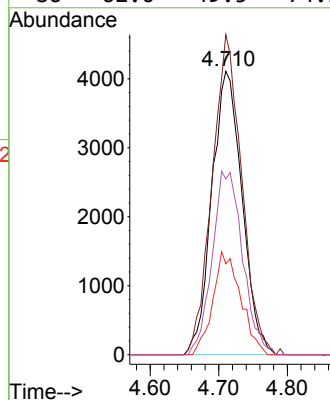
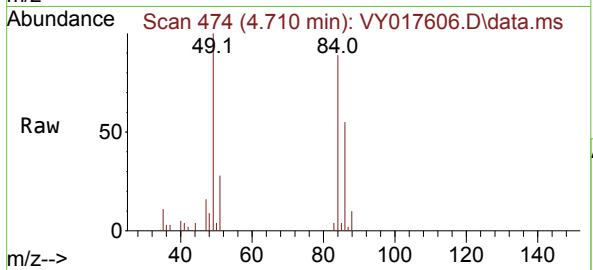




#20
Methylene Chloride
Concen: 6.170 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017606.D
Acq: 07 Mar 2024 16:44

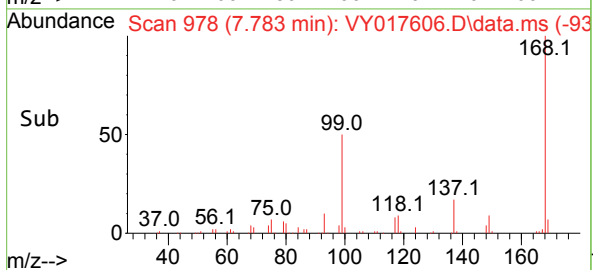
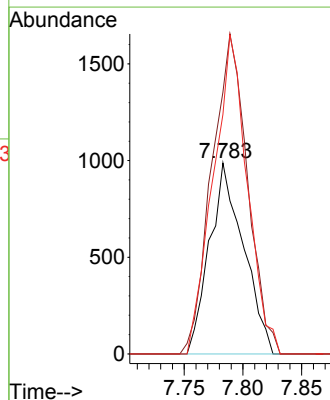
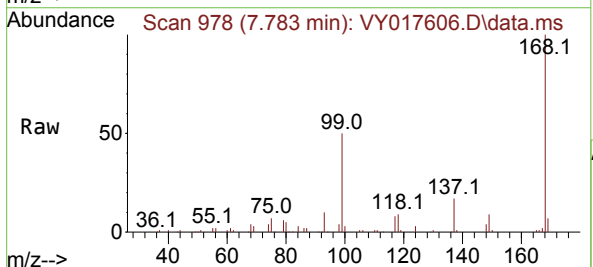
Instrument :
MSVOA_Y
ClientSampleId :
VOC-4-GRAB

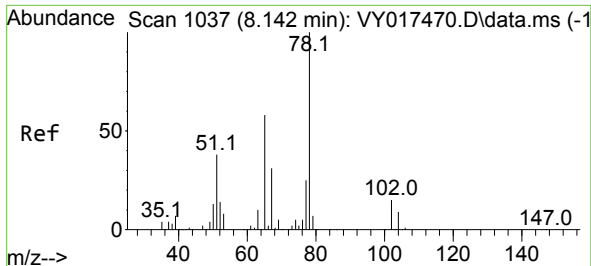
Tgt Ion:	84	Resp:	12600
Ion	Ratio	Lower	Upper
84	100		
49	112.9	84.4	126.6
51	32.1	26.0	39.0
86	62.0	49.5	74.3



#31
Cyclohexane
Concen: 1.214 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY017606.D
Acq: 07 Mar 2024 16:44

Tgt Ion:	56	Resp:	1991
Ion	Ratio	Lower	Upper
56	100		
69	137.0	28.7	43.1#
84	125.4	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.709 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017606.D

Acq: 07 Mar 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

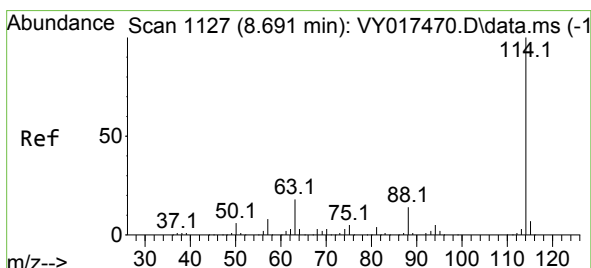
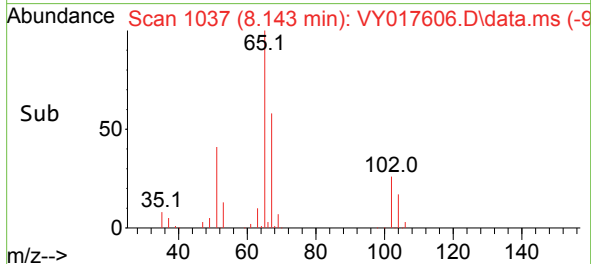
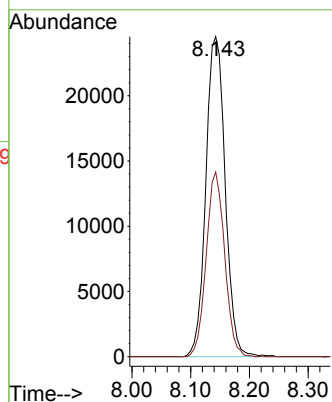
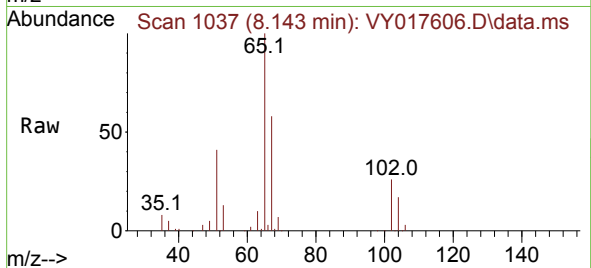
VOC-4-GRAB

Tgt Ion: 65 Resp: 56139

Ion Ratio Lower Upper

65 100

67 55.1 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: VY017606.D

Acq: 07 Mar 2024 16:44

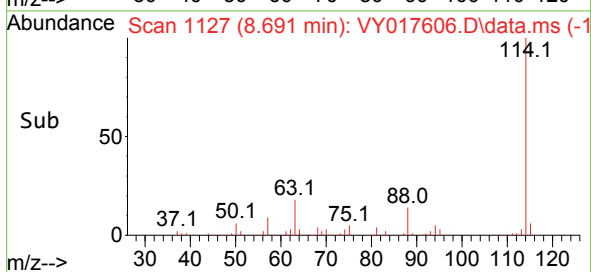
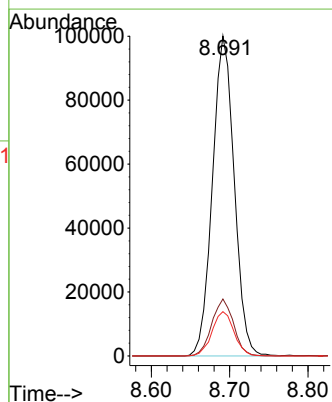
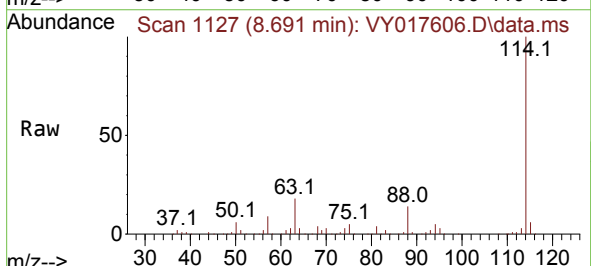
Tgt Ion: 114 Resp: 193248

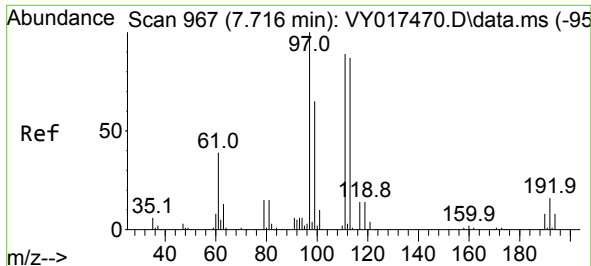
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 13.8 0.0 27.2

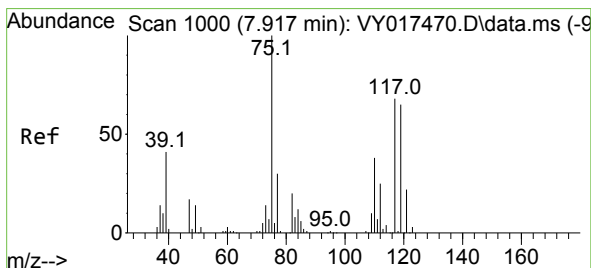
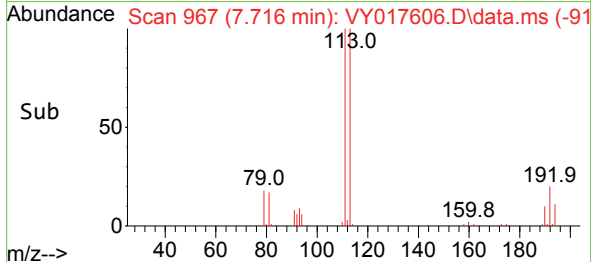
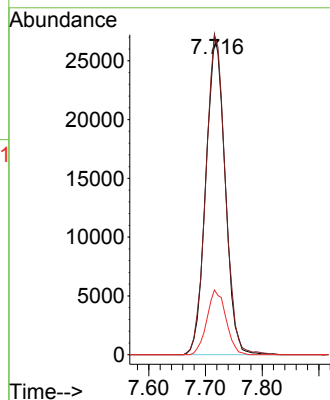
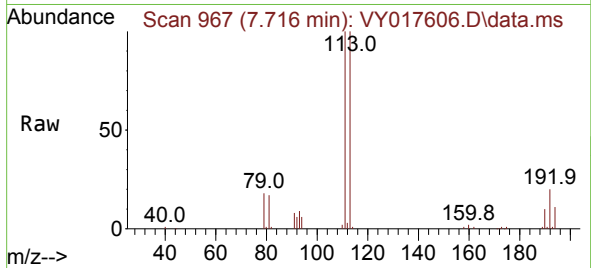




#35
Dibromofluoromethane
Concen: 47.333 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017606.D
Acq: 07 Mar 2024 16:44

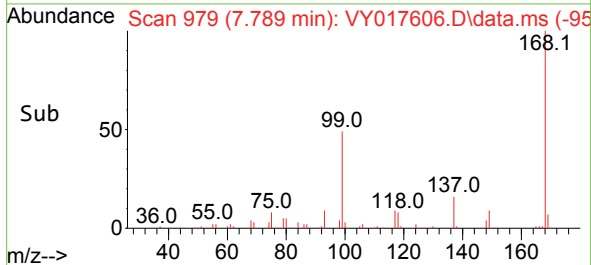
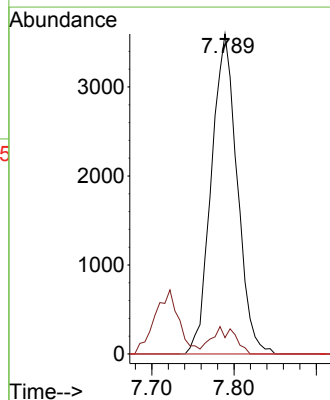
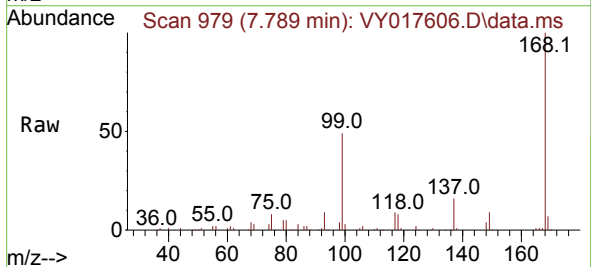
Instrument :
MSVOA_Y
ClientSampleId :
VOC-4-GRAB

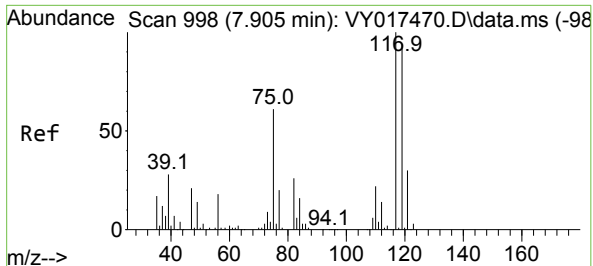
Tgt Ion:113 Resp: 63739
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.322 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017606.D
Acq: 07 Mar 2024 16:44

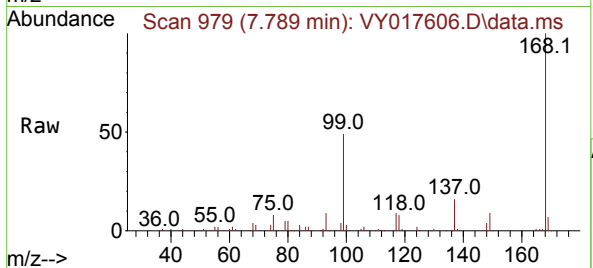
Tgt Ion: 75 Resp: 7853
Ion Ratio Lower Upper
75 100
110 7.6 19.0 57.0#
77 0.0 25.3 37.9#



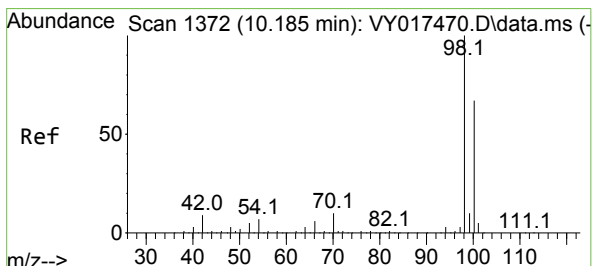
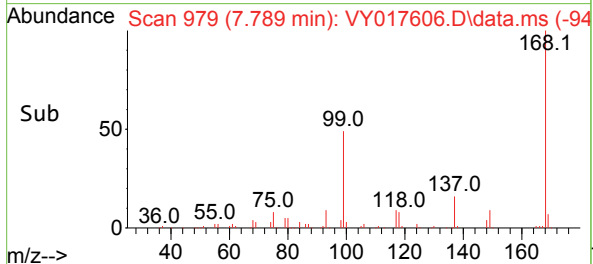
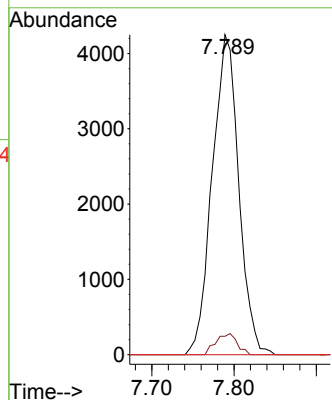


#38
Carbon Tetrachloride
Concen: 5.220 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017606.D
Acq: 07 Mar 2024 16:44

Instrument :
MSVOA_Y
ClientSampleId :
VOC-4-GRAB

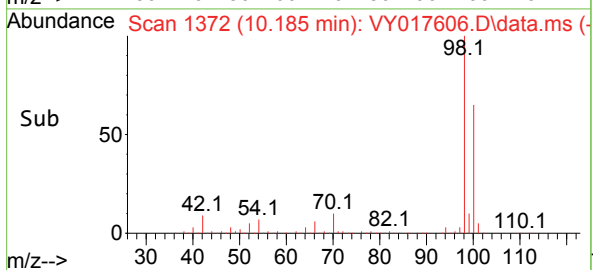
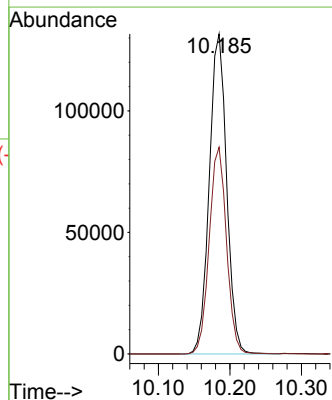
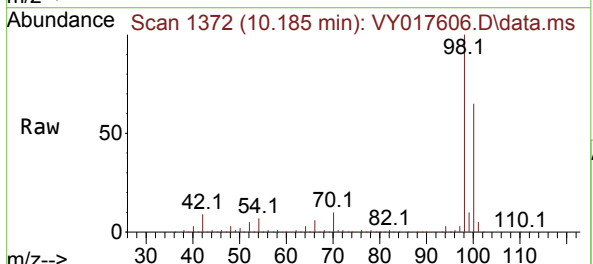


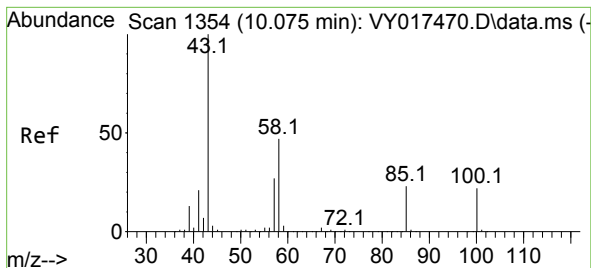
Tgt Ion:117 Resp: 9506
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.177 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017606.D
Acq: 07 Mar 2024 16:44

Tgt Ion: 98 Resp: 222120
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

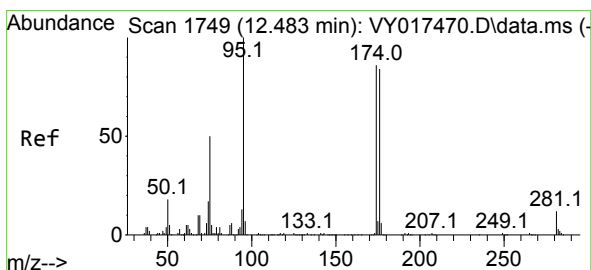
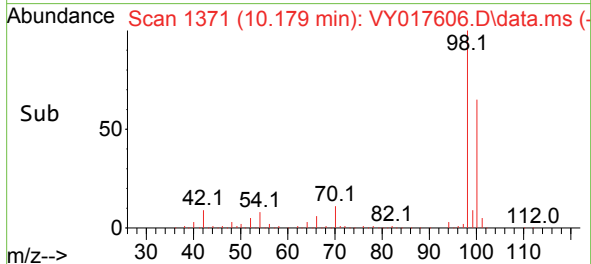
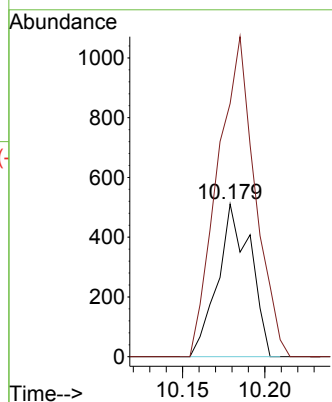
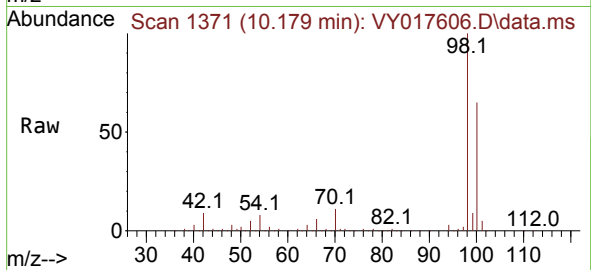




#51
4-Methyl-2-Pentanone
Concen: 1.009 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017606.D
Acq: 07 Mar 2024 16:44

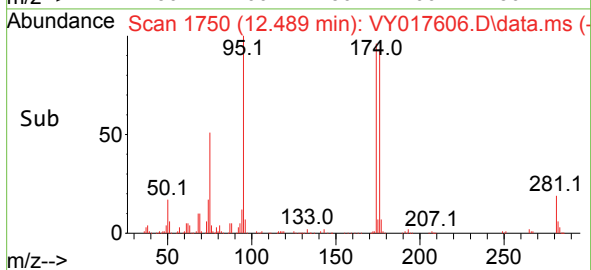
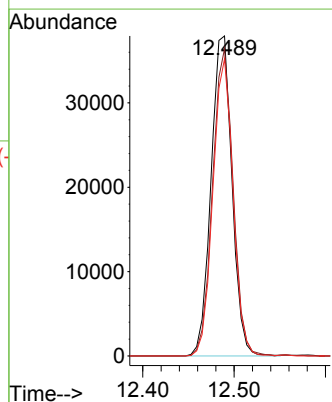
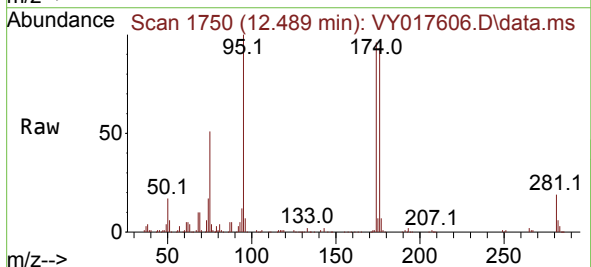
Instrument :
MSVOA_Y
ClientSampleId :
VOC-4-GRAB

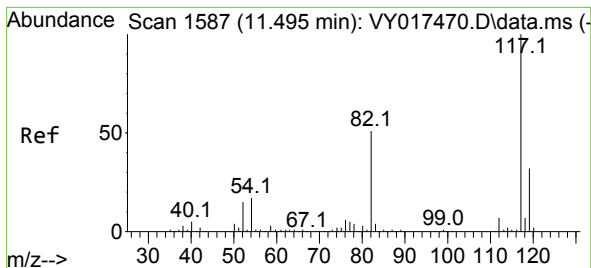
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 239.5 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 40.800 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017606.D
Acq: 07 Mar 2024 16:44

Tgt Ion: 95 Resp: 60371
Ion Ratio Lower Upper
95 100
174 94.0 0.0 175.6
176 89.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017606.D

Acq: 07 Mar 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

VOC-4-GRAB

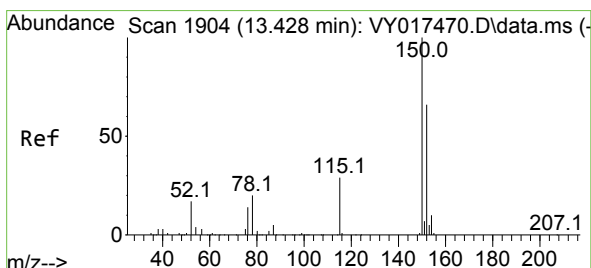
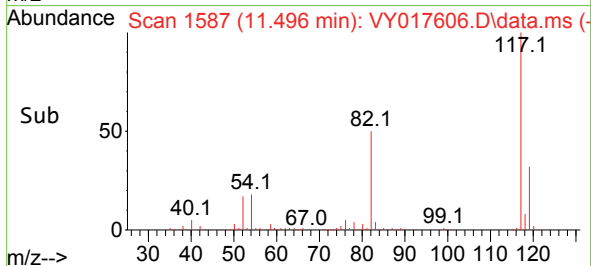
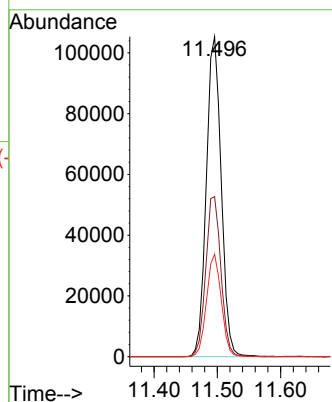
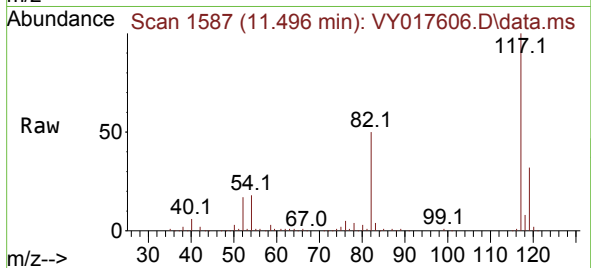
Tgt Ion:117 Resp: 172859

Ion Ratio Lower Upper

117 100

82 50.0 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: VY017606.D

Acq: 07 Mar 2024 16:44

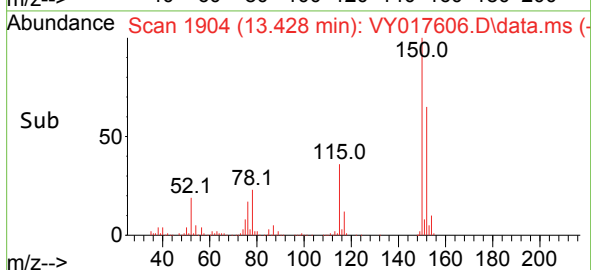
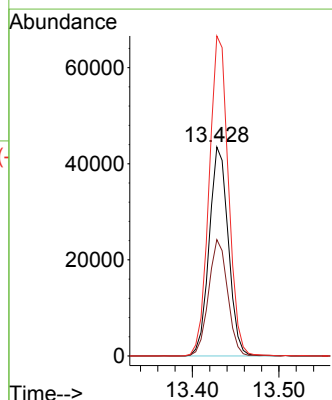
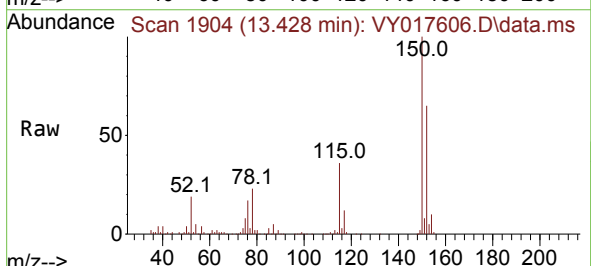
Tgt Ion:152 Resp: 66612

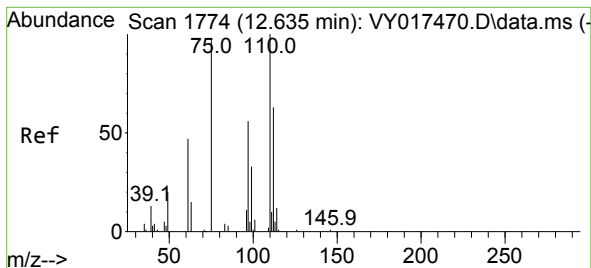
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 154.7 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 48.555 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017606.D

Acq: 07 Mar 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

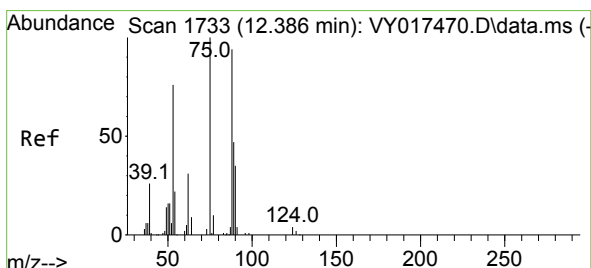
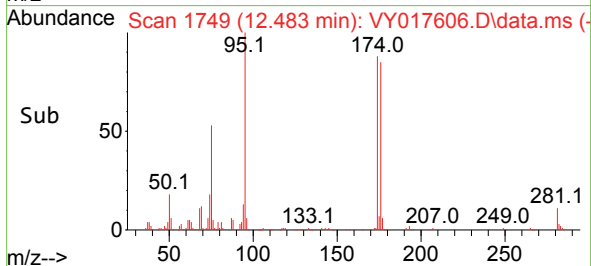
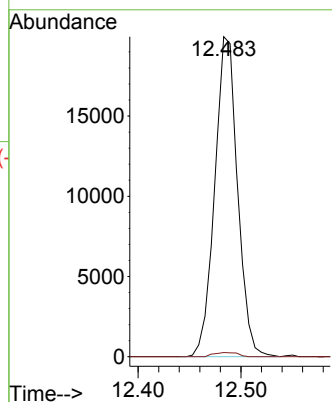
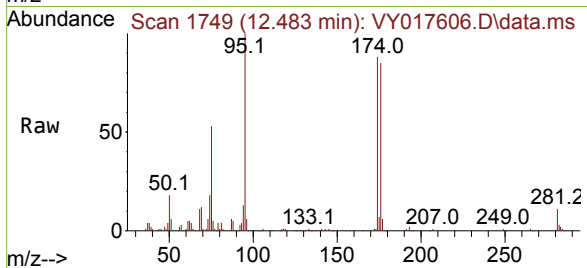
VOC-4-GRAB

Tgt Ion: 75 Resp: 30731

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.568 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017606.D

Acq: 07 Mar 2024 16:44

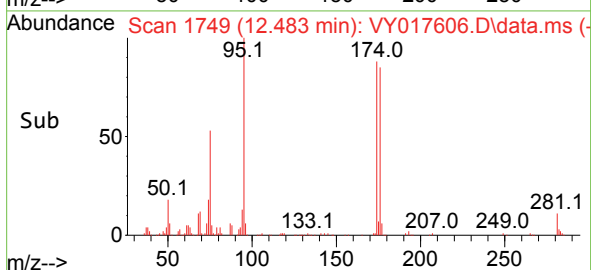
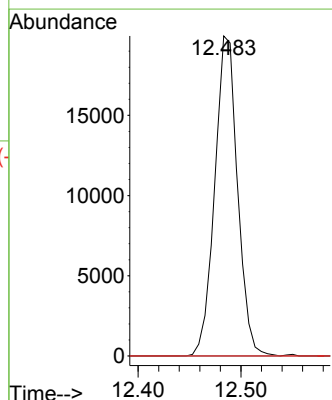
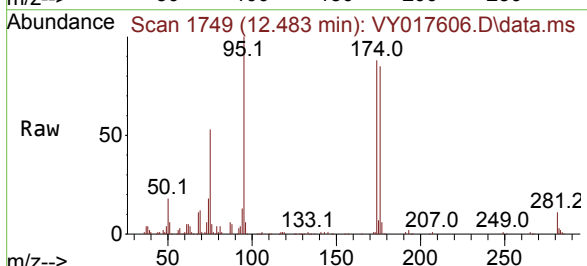
Tgt Ion: 75 Resp: 30731

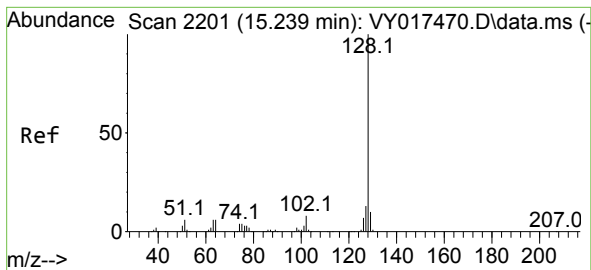
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

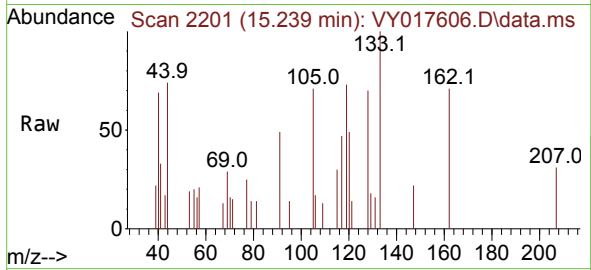
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.236 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017606.D
Acq: 07 Mar 2024 16:44

Instrument :
MSVOA_Y
ClientSampleId :
VOC-4-GRAB



Tgt Ion:	128	Resp:	728
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	30.1	8.6	13.0#

