

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017607.D
 Acq On : 07 Mar 2024 17:08
 Operator : SY/MD
 Sample : P1701-08
 Misc : 6.91g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-5-GRAB

Quant Time: Mar 08 03:27:36 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)

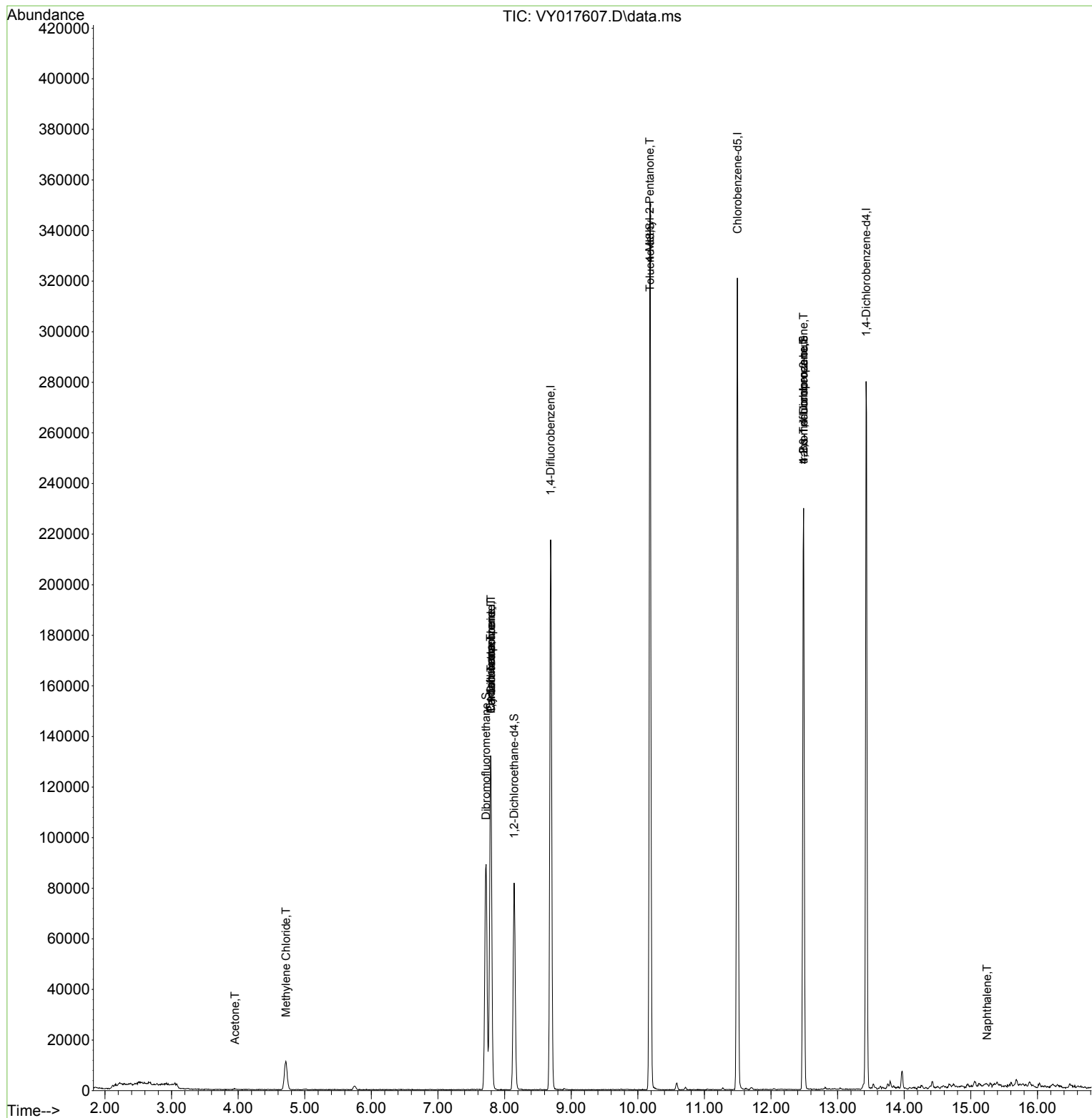
Internal Standards						
1) Pentafluorobenzene	7.795	168	109553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	198237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	183195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60558	58.326	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.660%			
35) Dibromofluoromethane	7.722	113	65323	47.288	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.580%			
50) Toluene-d8	10.185	98	233335	48.311	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.620%			
62) 4-Bromofluorobenzene	12.489	95	65933	43.438	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.880%			
Target Compounds					Qvalue	
16) Acetone	3.954	43	575	2.855	ug/l #	86
20) Methylene Chloride	4.716	84	8996	2.387	ug/l	97
31) Cyclohexane	7.789	56	1930	1.142	ug/l #	5
36) 1,1-Dichloropropene	7.795	75	7685	4.123	ug/l #	48
38) Carbon Tetrachloride	7.795	117	10154	5.436	ug/l #	17
51) 4-Methyl-2-Pentanone	10.178	43	888	1.232	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	33119	46.904	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	33119	107.776	ug/l #	16
95) Naphthalene	15.245	128	388	4.068	ug/l #	69

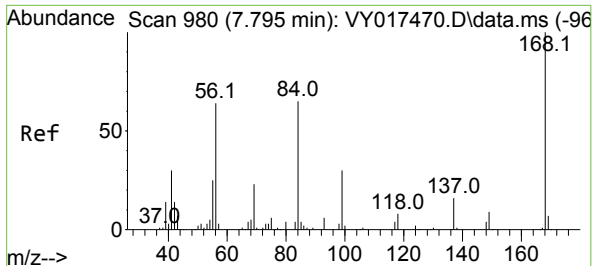
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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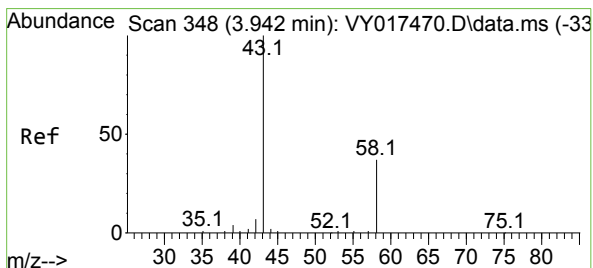
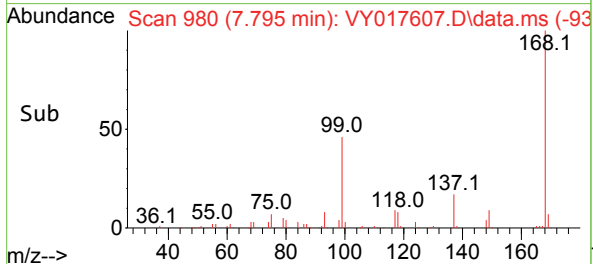
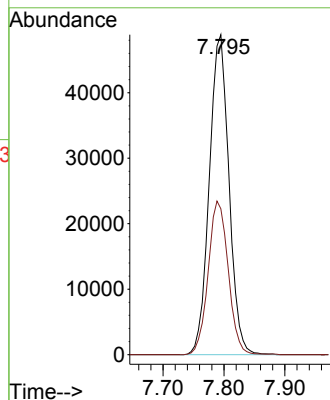
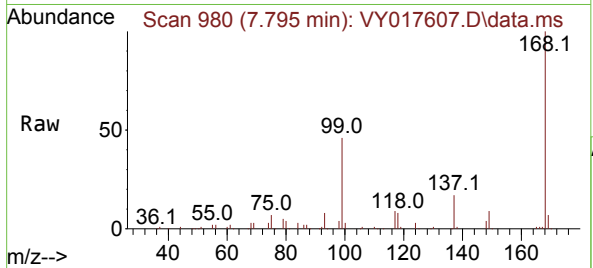




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

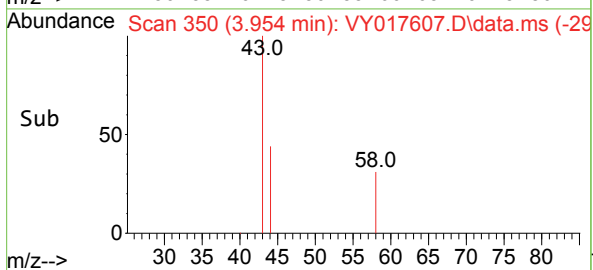
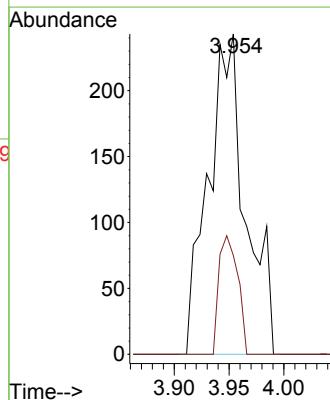
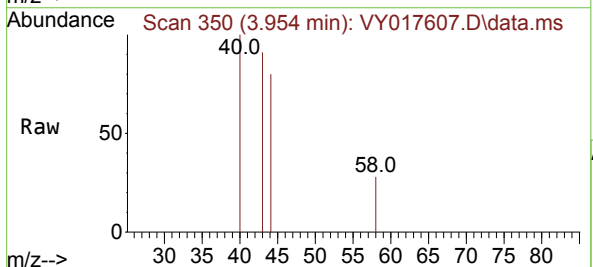
Instrument :
MSVOA_Y
ClientSampleId :
VOC-5-GRAB

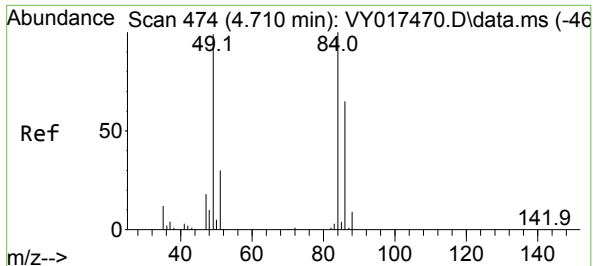
Tgt Ion:168 Resp: 109553
Ion Ratio Lower Upper
168 100
99 45.6 39.1 58.7



#16
Acetone
Concen: 2.855 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

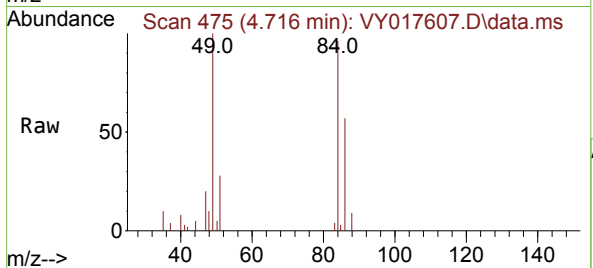
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
58 30.9 31.7 47.5#



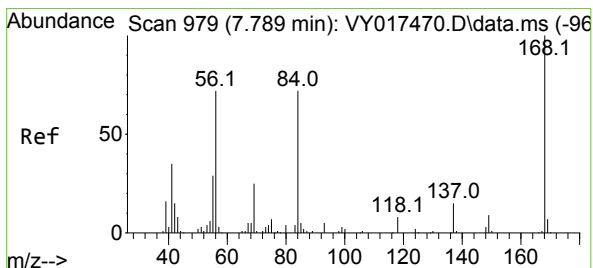
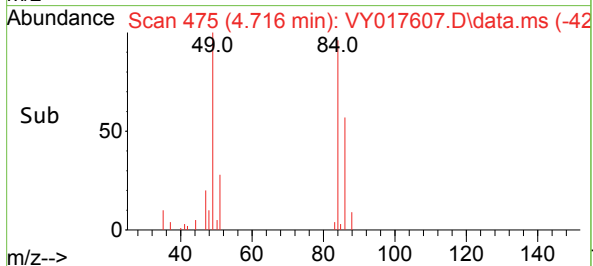
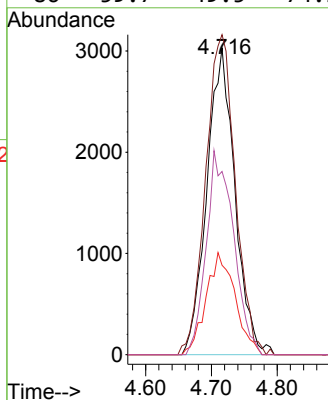


#20
Methylene Chloride
Concen: 2.387 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

Instrument :
MSVOA_Y
ClientSampleId :
VOC-5-GRAB

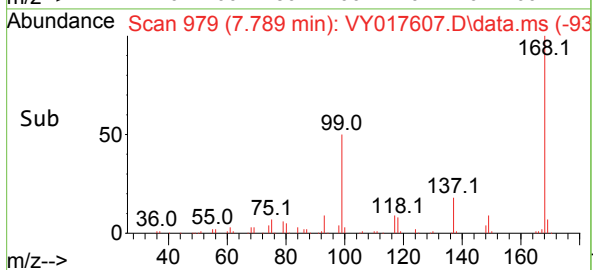
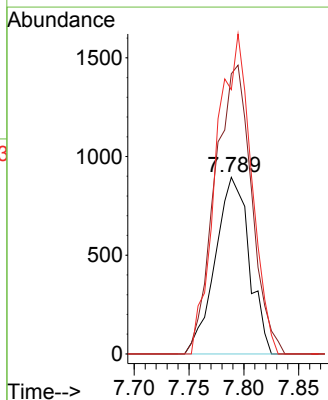
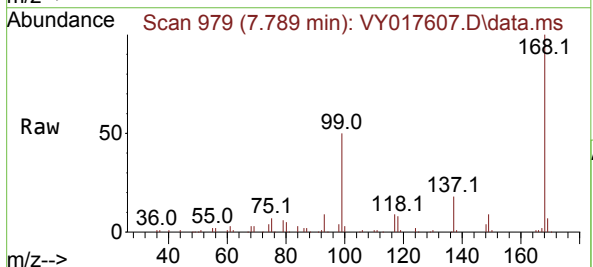


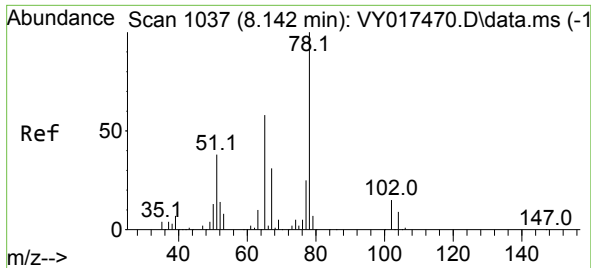
Tgt Ion:	84	Resp:	8996
Ion	Ratio	Lower	Upper
84	100		
49	104.2	84.4	126.6
51	29.1	26.0	39.0
86	59.7	49.5	74.3



#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

Tgt Ion:	56	Resp:	1930
Ion	Ratio	Lower	Upper
56	100		
69	158.5	28.7	43.1#
84	149.6	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 58.326 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY017607.D

Acq: 07 Mar 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

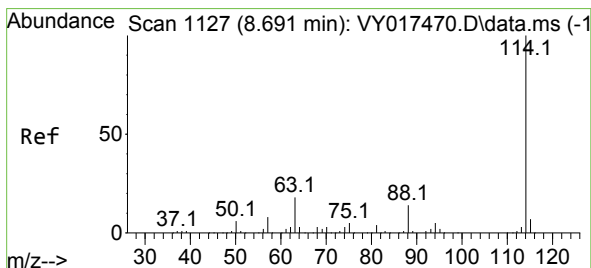
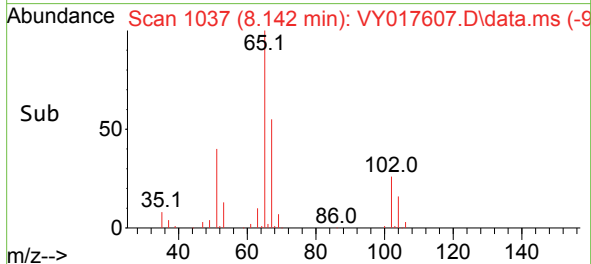
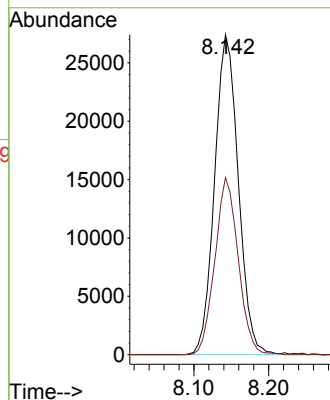
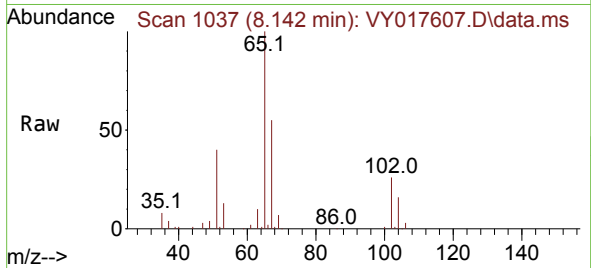
VOC-5-GRAB

Tgt Ion: 65 Resp: 60558

Ion Ratio Lower Upper

65 100

67 54.5 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: VY017607.D

Acq: 07 Mar 2024 17:08

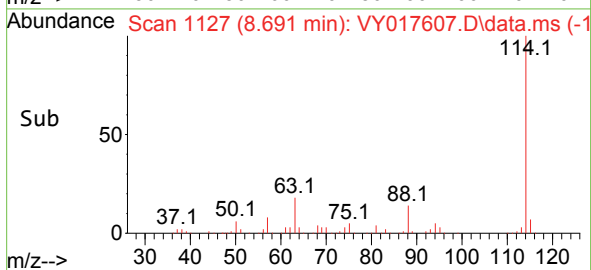
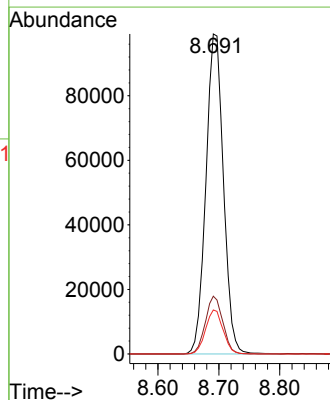
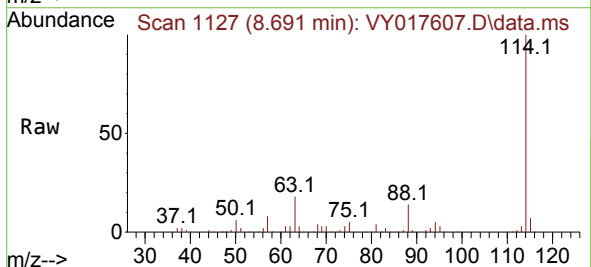
Tgt Ion: 114 Resp: 198237

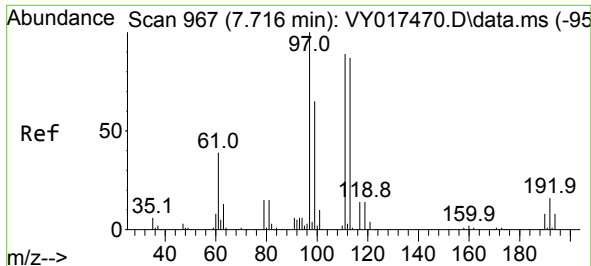
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 13.7 0.0 27.2

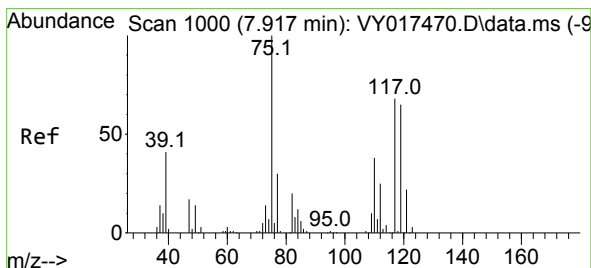
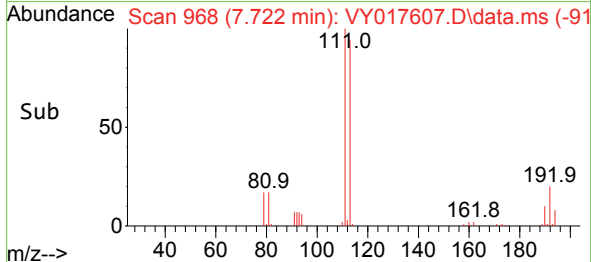
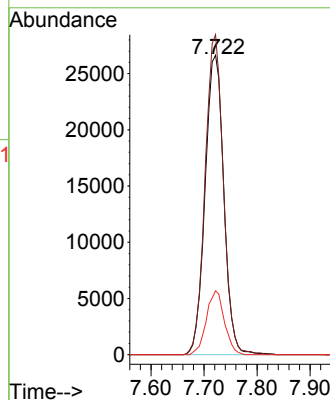
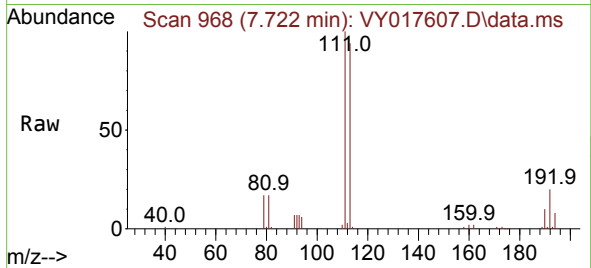




#35
Dibromofluoromethane
Concen: 47.288 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

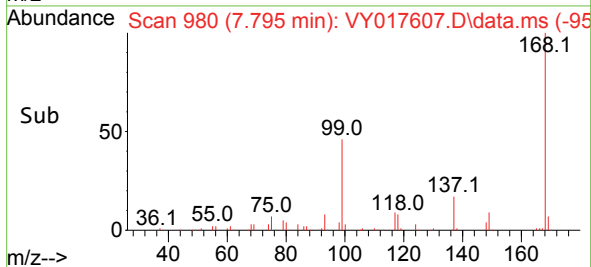
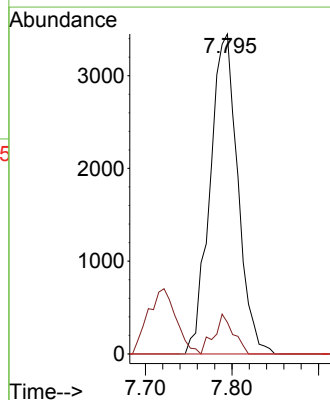
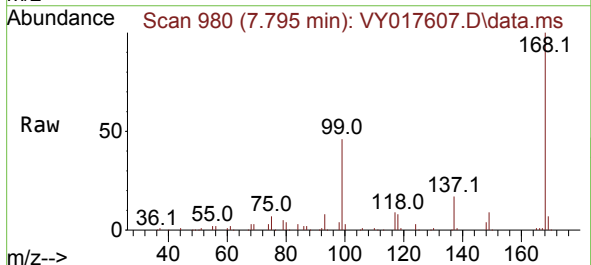
Instrument :
MSVOA_Y
ClientSampleId :
VOC-5-GRAB

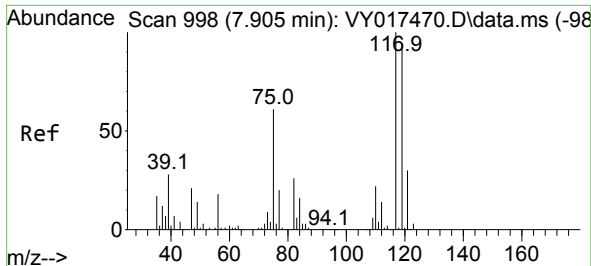
Tgt Ion:113 Resp: 65323
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.123 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

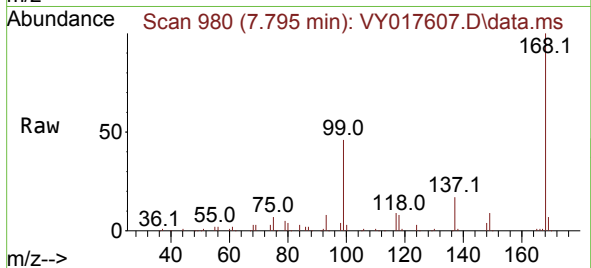
Tgt Ion: 75 Resp: 7685
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



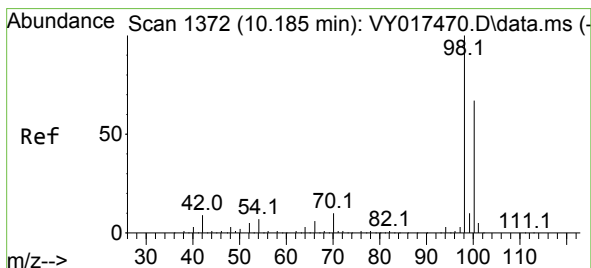
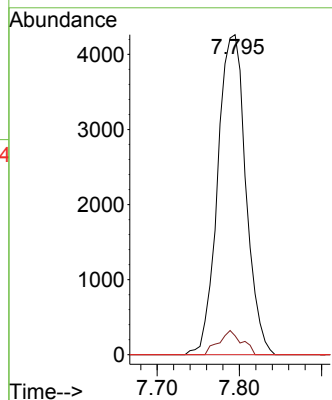
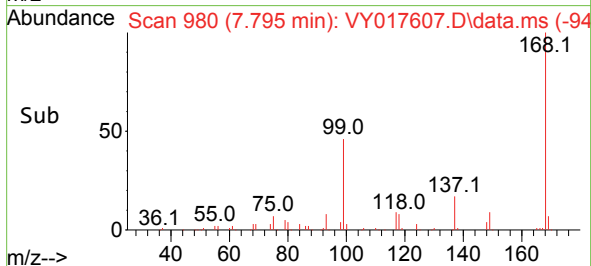


#38
Carbon Tetrachloride
Concen: 5.436 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

Instrument :
MSVOA_Y
ClientSampleId :
VOC-5-GRAB

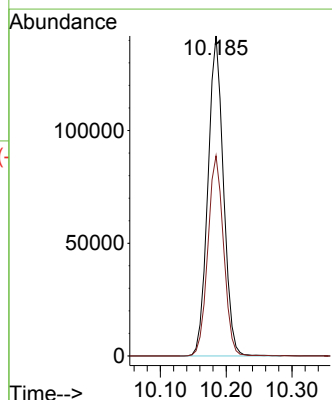
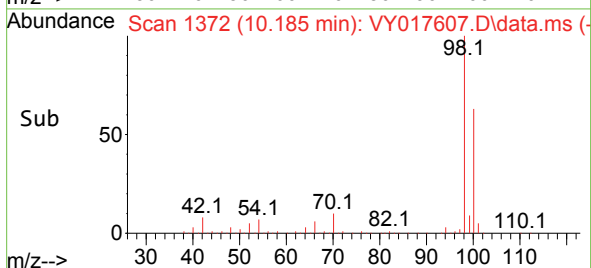
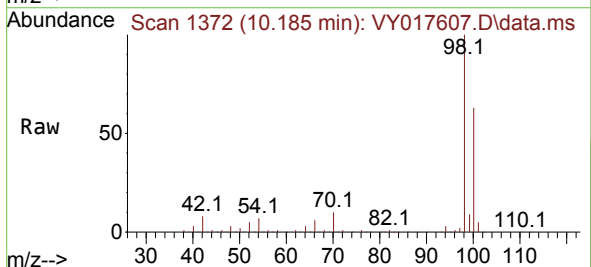


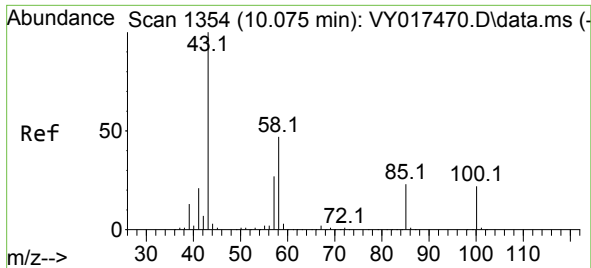
Tgt Ion:117 Resp: 10154
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.311 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

Tgt Ion: 98 Resp: 233335
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

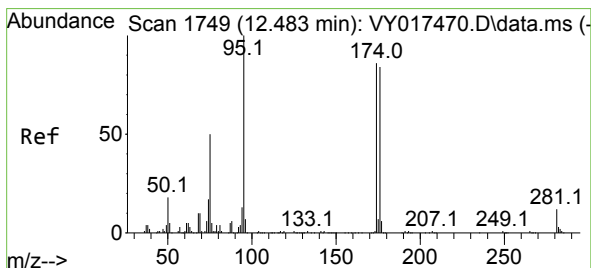
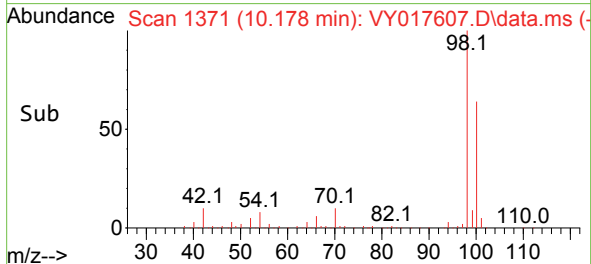
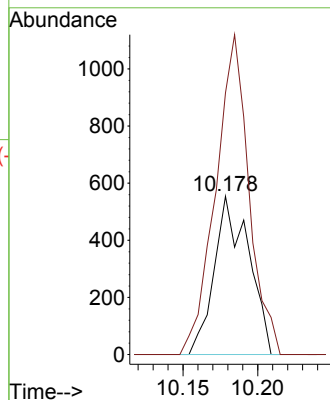
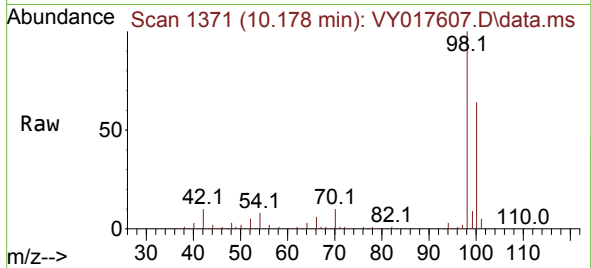




#51
4-Methyl-2-Pentanone
Concen: 1.232 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

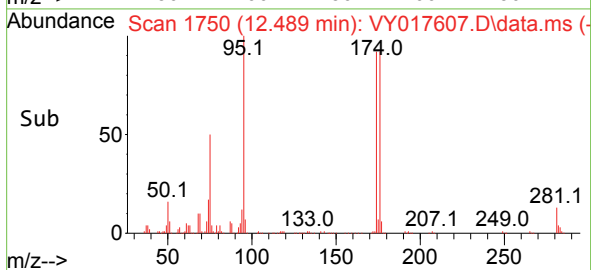
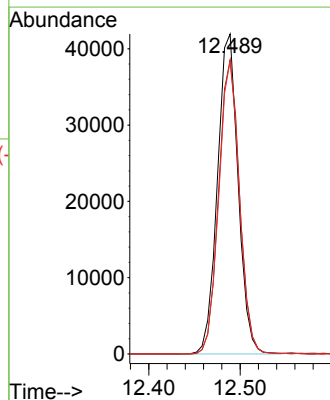
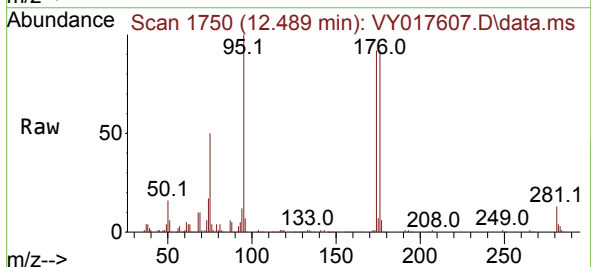
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VOC-5-GRAB

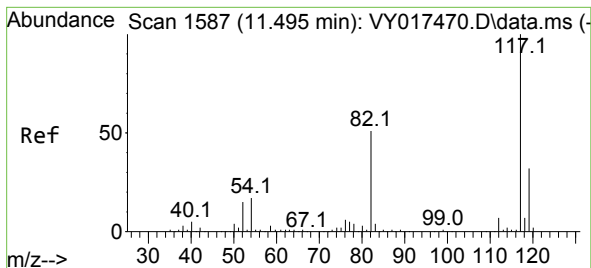
Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 195.4 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 43.438 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

Tgt Ion: 95 Resp: 65933
Ion Ratio Lower Upper
95 100
174 92.7 0.0 175.6
176 91.1 0.0 171.4

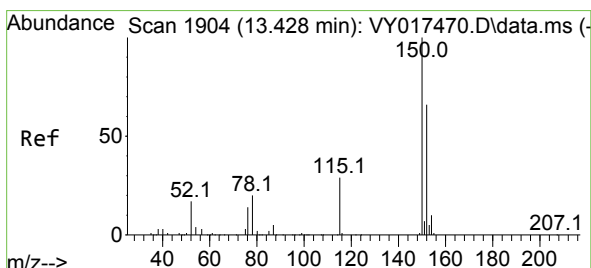
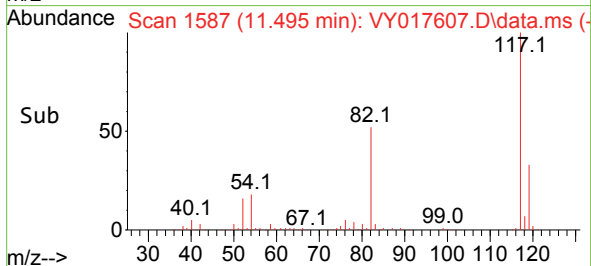
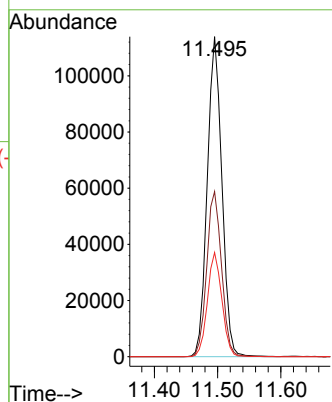
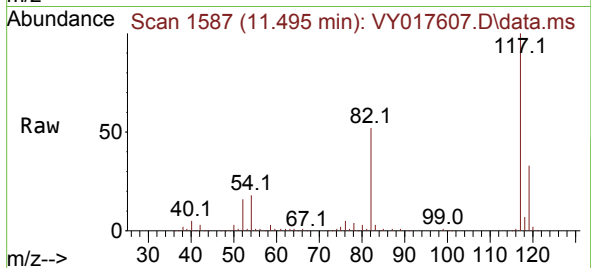




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

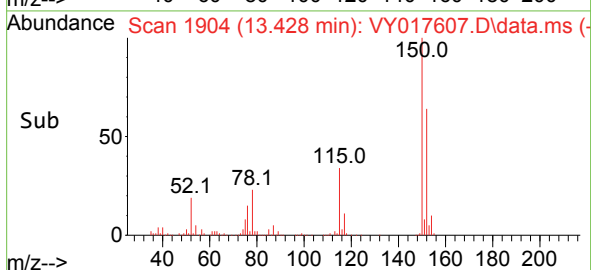
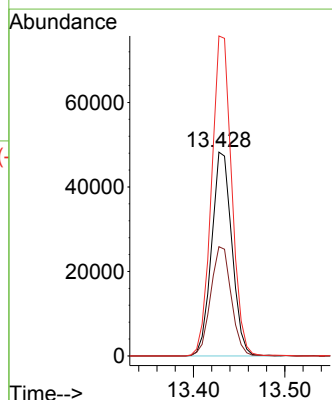
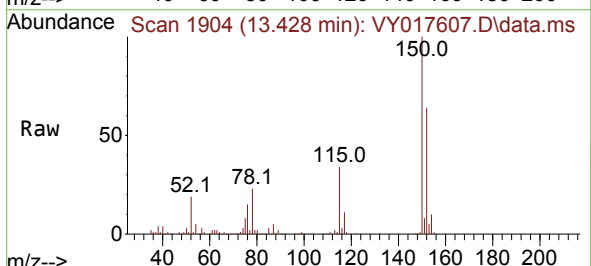
Instrument :
MSVOA_Y
ClientSampleId :
VOC-5-GRAB

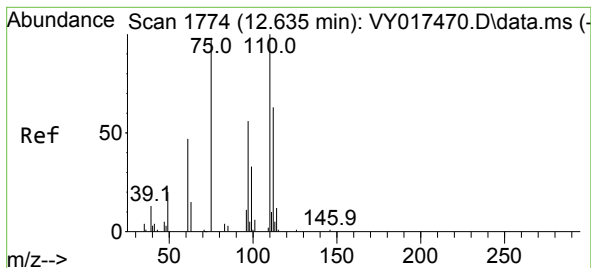
Tgt Ion:117 Resp: 183195
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

Tgt Ion:152 Resp: 74314
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 155.8 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 46.904 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.147 min

Lab File: VY017607.D

Acq: 07 Mar 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

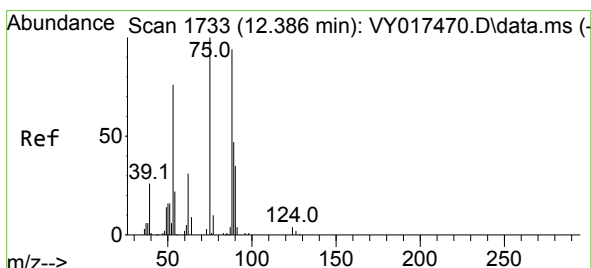
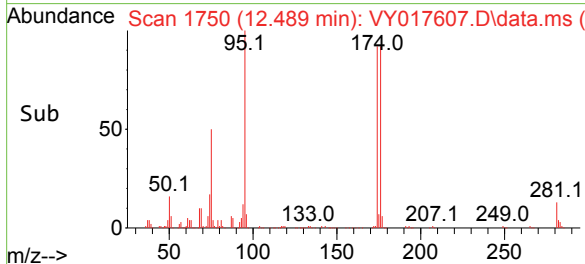
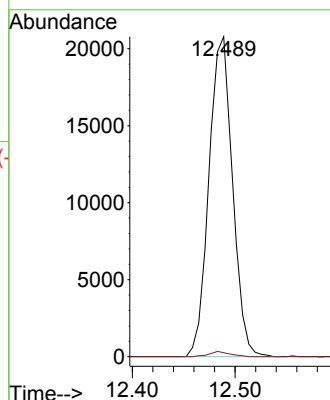
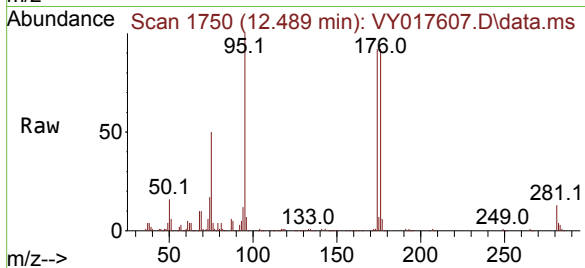
VOC-5-GRAB

Tgt Ion: 75 Resp: 33119

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 107.776 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.103 min

Lab File: VY017607.D

Acq: 07 Mar 2024 17:08

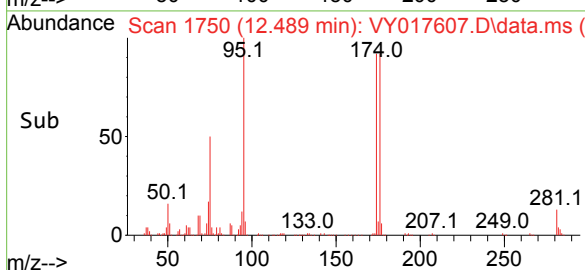
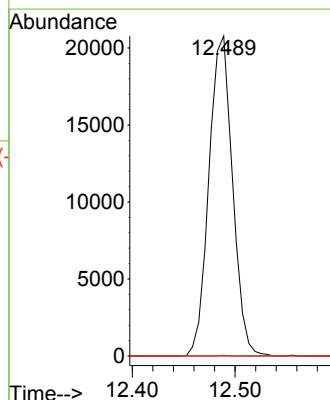
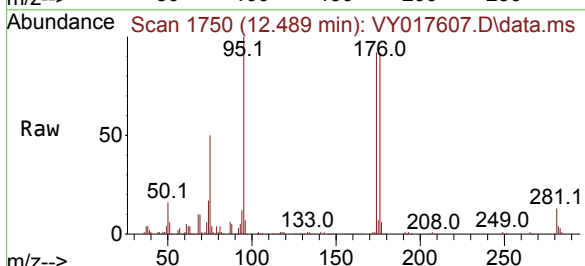
Tgt Ion: 75 Resp: 33119

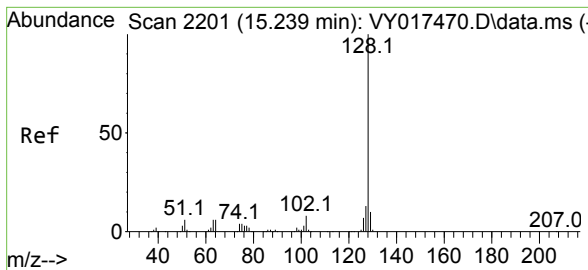
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

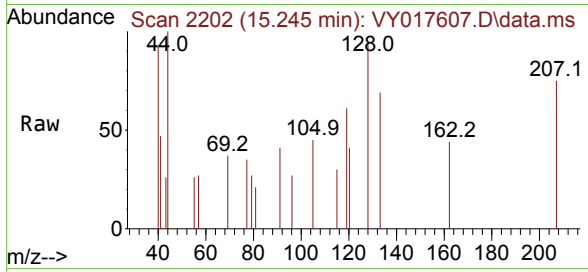
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 4.068 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017607.D
Acq: 07 Mar 2024 17:08

Instrument :
MSVOA_Y
ClientSampleId :
VOC-5-GRAB



Tgt Ion:128 Resp: 388
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

