

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017608.D
 Acq On : 07 Mar 2024 17:32
 Operator : SY/MD
 Sample : P1701-09
 Misc : 7.13g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-6-GRAB

Quant Time: Mar 08 03:27:59 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)

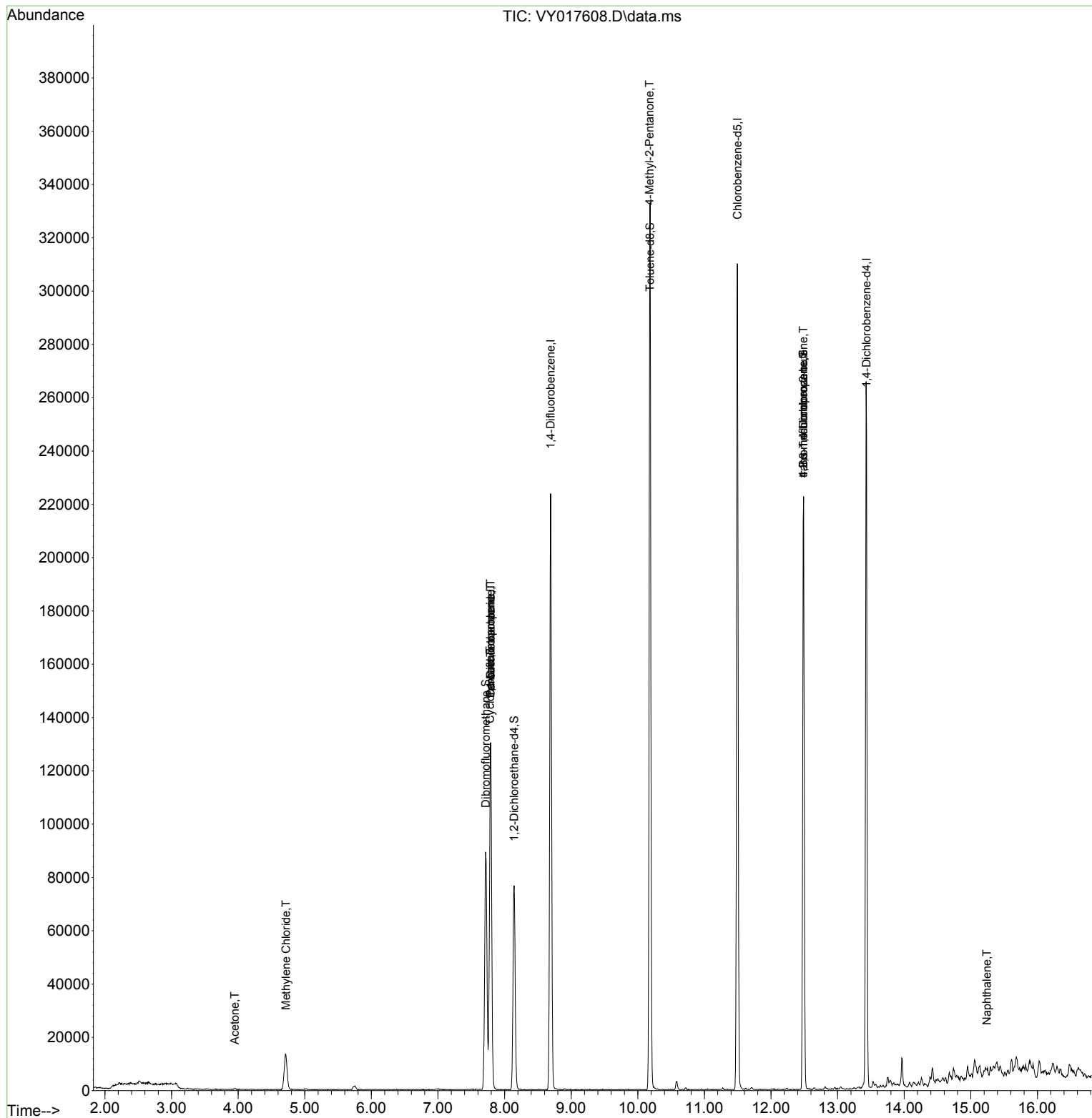
Internal Standards						
1) Pentafluorobenzene	7.789	168	107573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	177405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58893	57.766	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 115.540%	
35) Dibromofluoromethane	7.716	113	65146	47.437	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 94.880%	
50) Toluene-d8	10.185	98	226719	47.217	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134		Recovery	= 94.440%	
62) 4-Bromofluorobenzene	12.483	95	63656	42.183	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143		Recovery	= 84.360%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	616	3.115	ug/l #	82
20) Methylene Chloride	4.716	84	10912	4.396	ug/l	95
31) Cyclohexane	7.783	56	1881	1.134	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	7973	4.303	ug/l #	48
38) Carbon Tetrachloride	7.789	117	9743	5.247	ug/l #	19
51) 4-Methyl-2-Pentanone	10.179	43	793	1.106	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	31744	47.708	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31744	109.622	ug/l #	16
95) Naphthalene	15.239	128	491	4.121	ug/l #	69

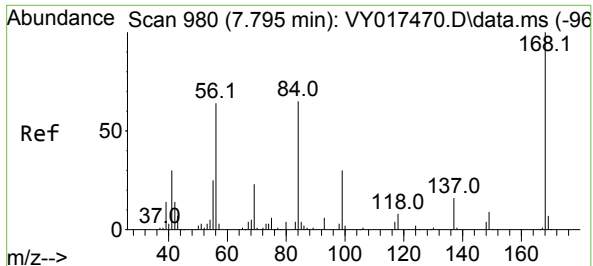
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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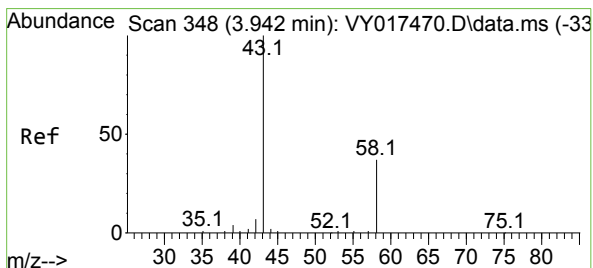
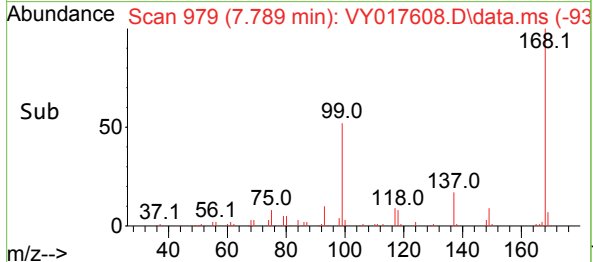
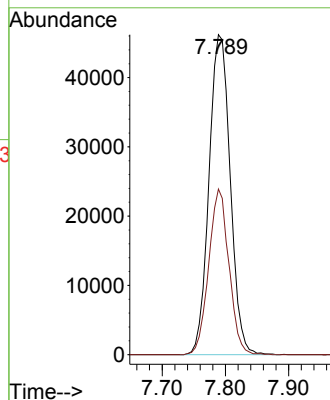
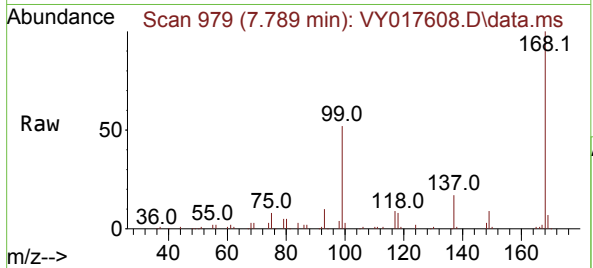




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

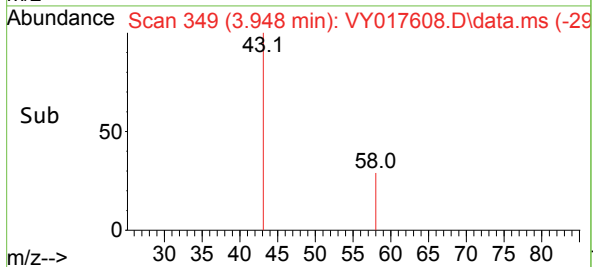
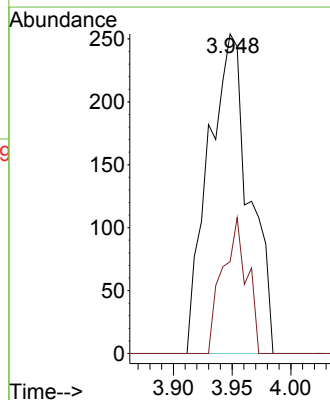
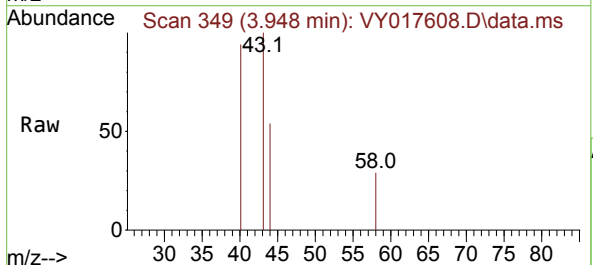
Instrument :
MSVOA_Y
ClientSampleId :
VOC-6-GRAB

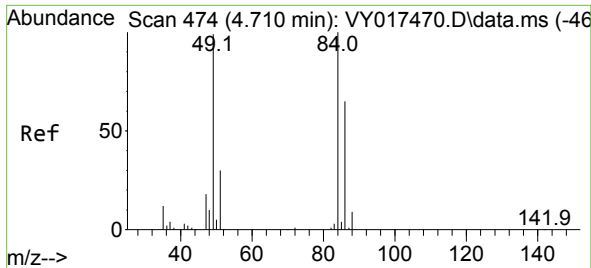
Tgt Ion:168 Resp: 107573
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#16
Acetone
Concen: 3.115 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 28.7 31.7 47.5#

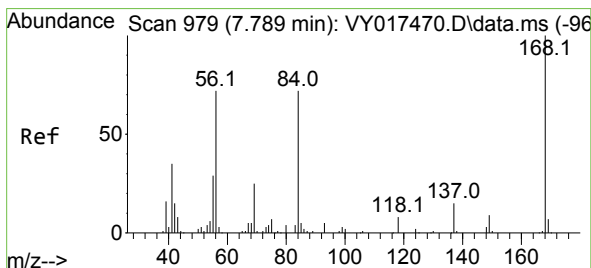
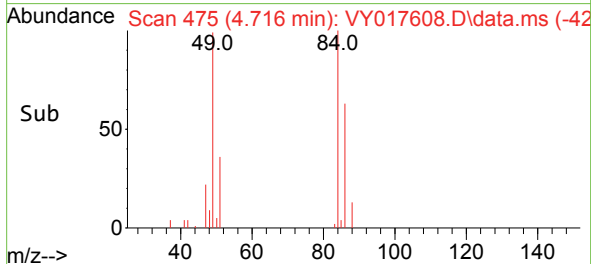
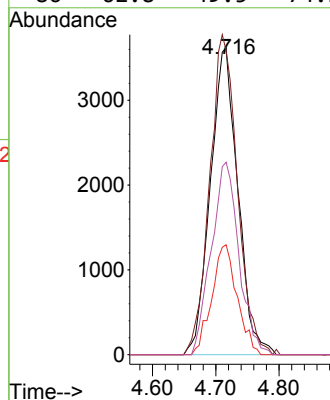
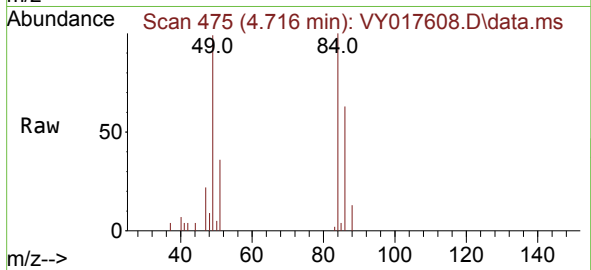




#20
Methylene Chloride
Concen: 4.396 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

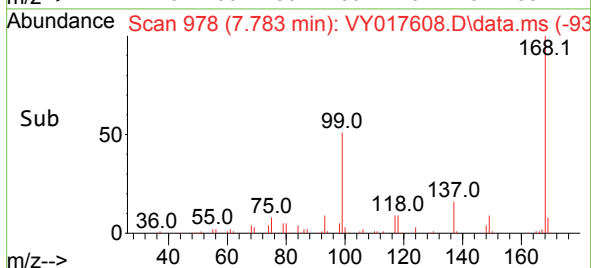
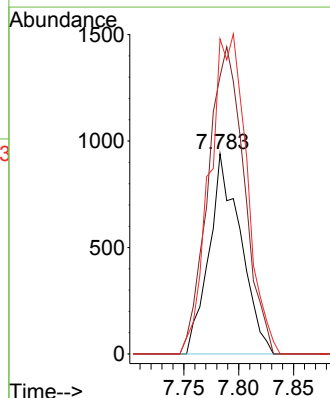
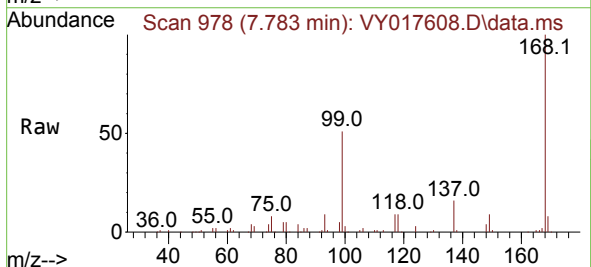
Instrument :
MSVOA_Y
ClientSampleId :
VOC-6-GRAB

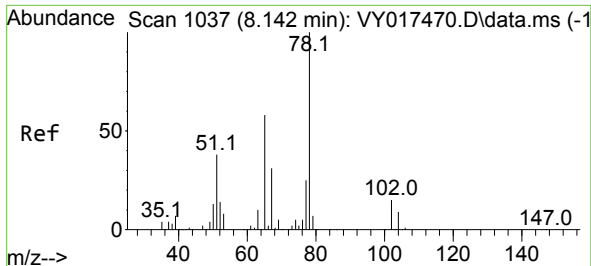
Tgt Ion:	84	Resp:	10912
Ion	Ratio	Lower	Upper
84	100		
49	99.1	84.4	126.6
51	35.8	26.0	39.0
86	62.8	49.5	74.3



#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

Tgt Ion:	56	Resp:	1881
Ion	Ratio	Lower	Upper
56	100		
69	138.7	28.7	43.1#
84	157.4	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 57.766 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017608.D

Acq: 07 Mar 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

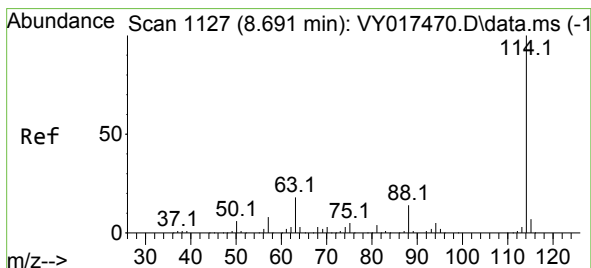
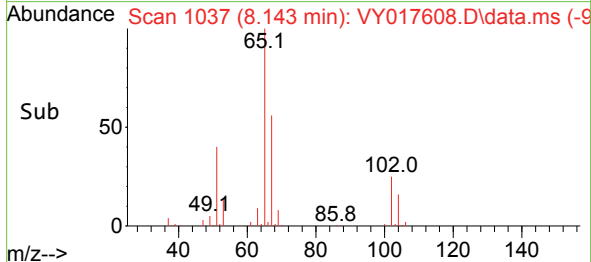
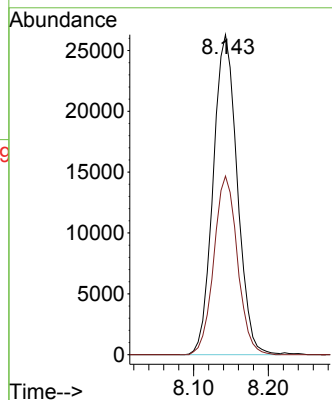
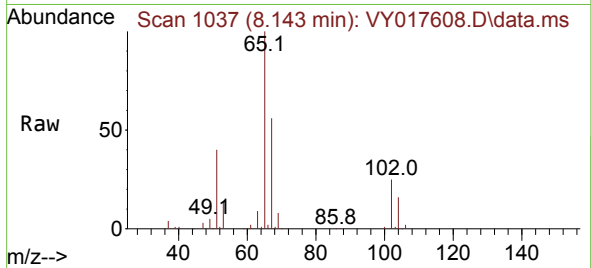
VOC-6-GRAB

Tgt Ion: 65 Resp: 58893

Ion Ratio Lower Upper

65 100

67 54.7 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: VY017608.D

Acq: 07 Mar 2024 17:32

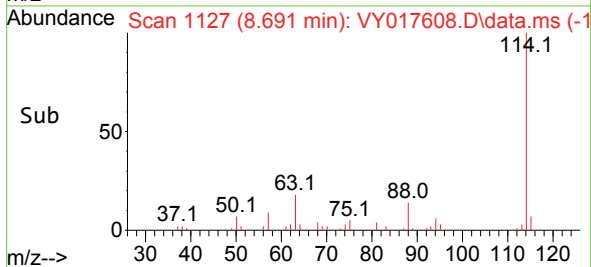
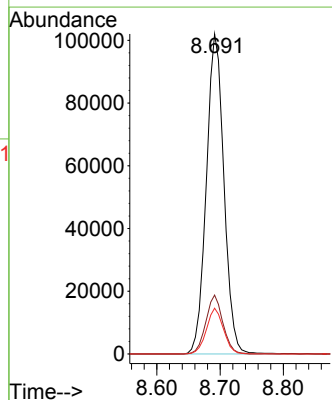
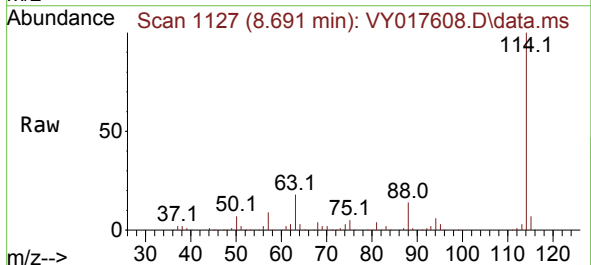
Tgt Ion: 114 Resp: 197081

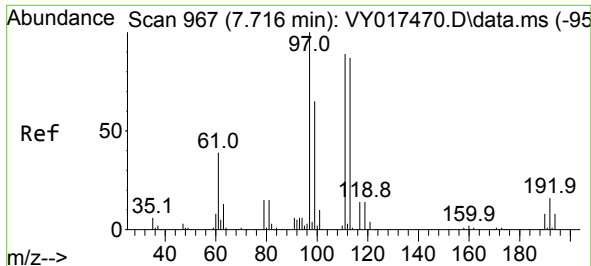
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.3 0.0 27.2

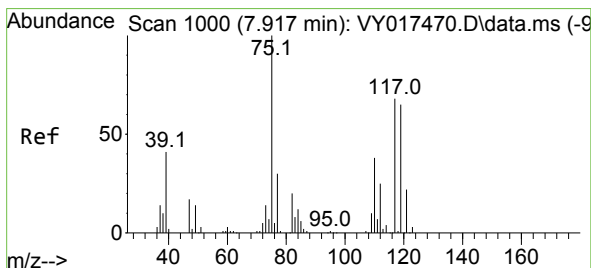
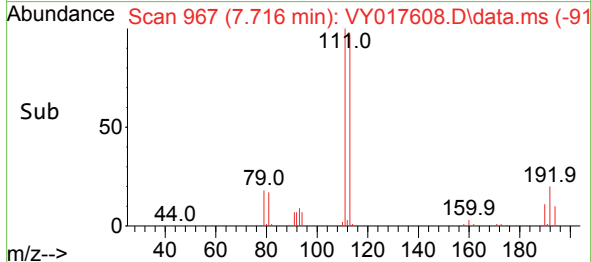
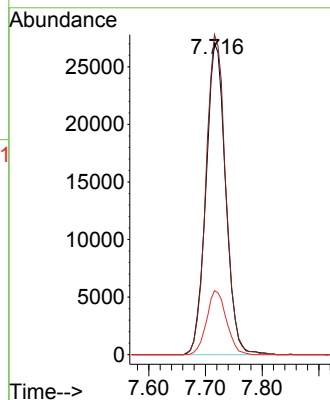
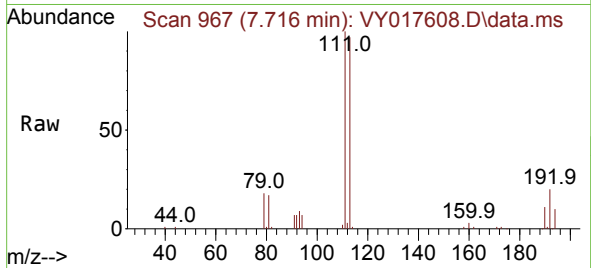




#35
Dibromofluoromethane
Concen: 47.437 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

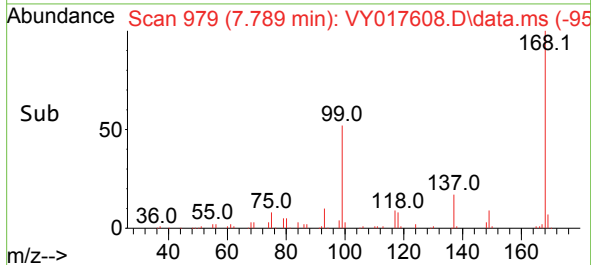
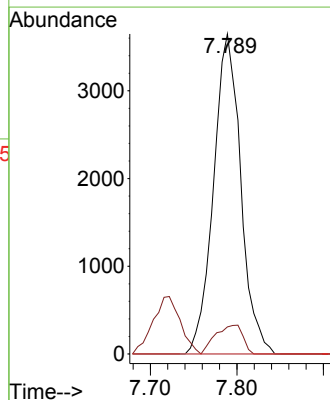
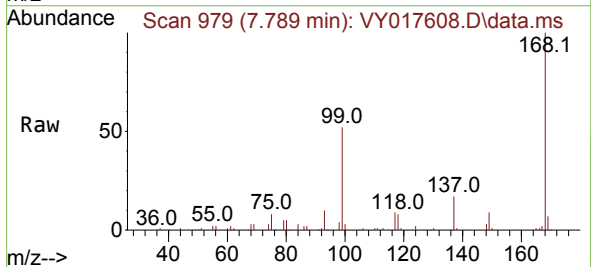
Instrument :
MSVOA_Y
ClientSampleId :
VOC-6-GRAB

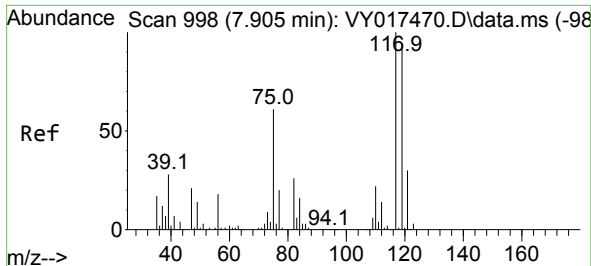
Tgt Ion:113 Resp: 65146
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.303 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

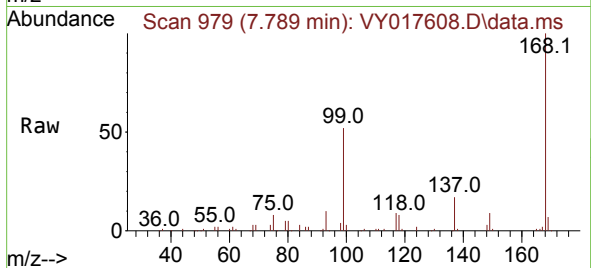
Tgt Ion: 75 Resp: 7973
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



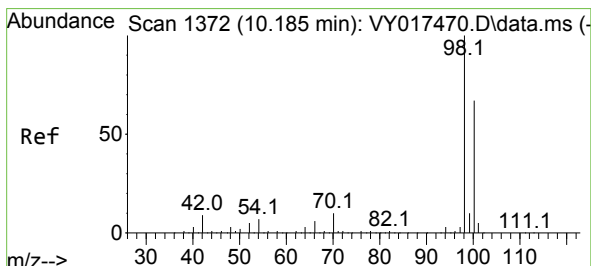
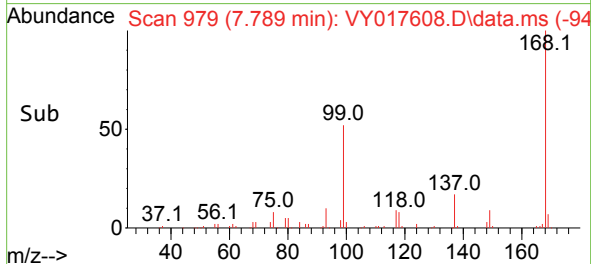
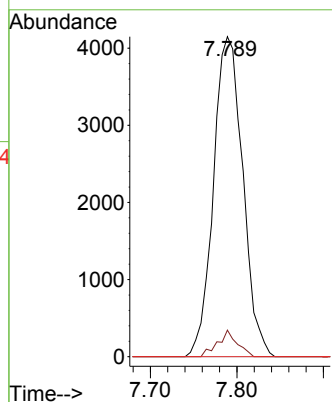


#38
Carbon Tetrachloride
Concen: 5.247 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

Instrument :
MSVOA_Y
ClientSampleId :
VOC-6-GRAB

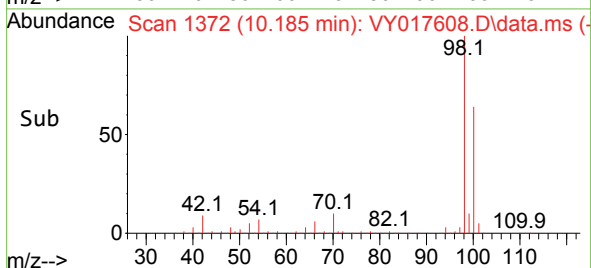
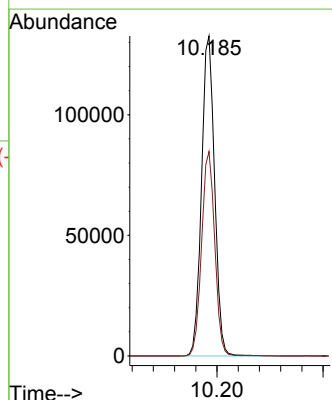
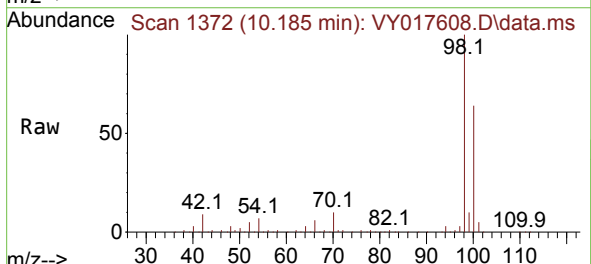


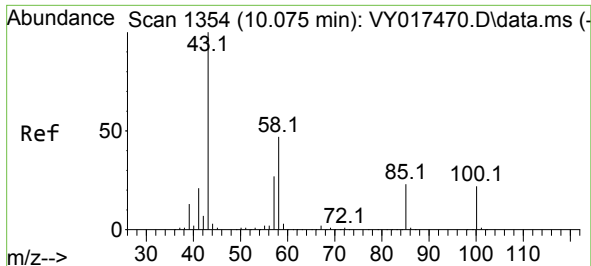
Tgt Ion:117 Resp: 9743
Ion Ratio Lower Upper
117 100
119 8.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.217 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

Tgt Ion: 98 Resp: 226719
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

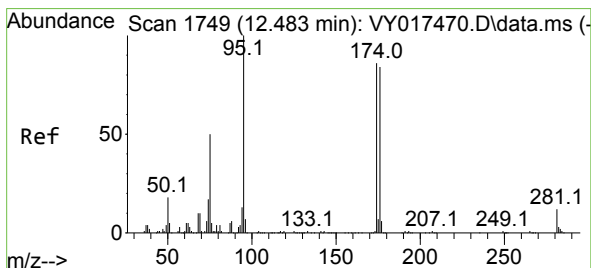
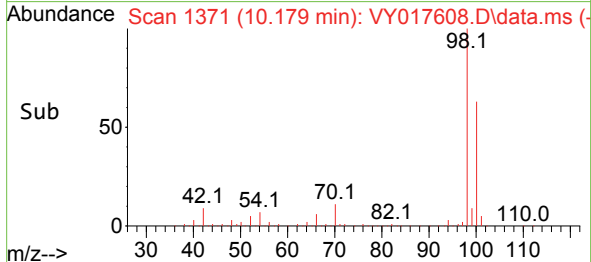
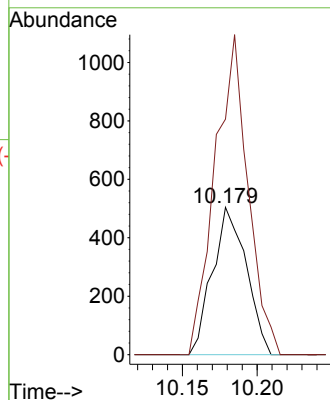
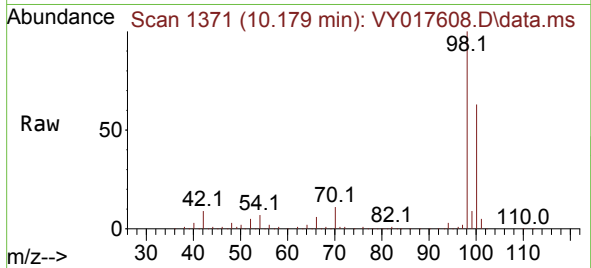




#51
4-Methyl-2-Pentanone
Concen: 1.106 ug/l
RT: 10.179 min Scan# 1354
Delta R.T. 0.104 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

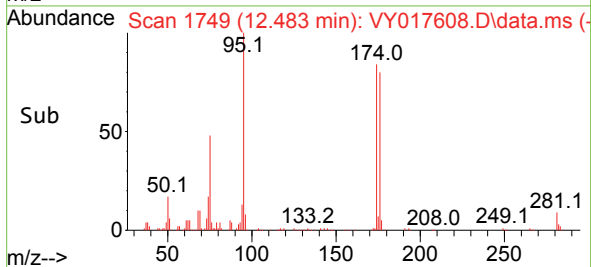
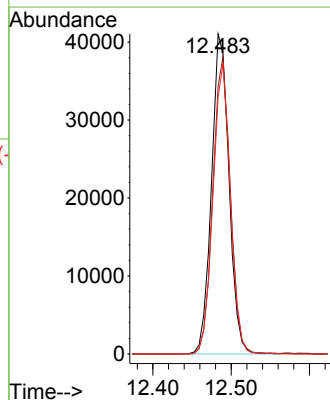
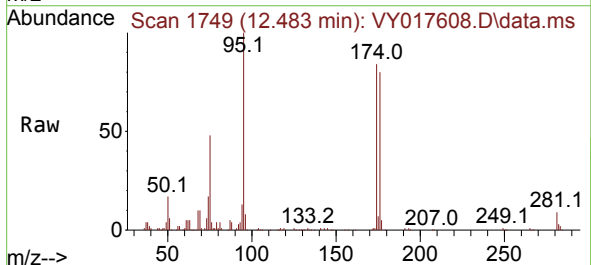
Instrument :
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VOC-6-GRAB

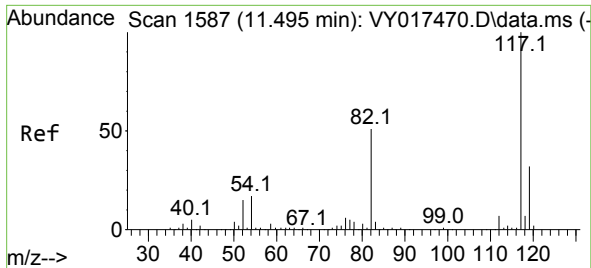
Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
58 211.9 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 42.183 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

Tgt Ion: 95 Resp: 63656
Ion Ratio Lower Upper
95 100
174 92.8 0.0 175.6
176 90.2 0.0 171.4

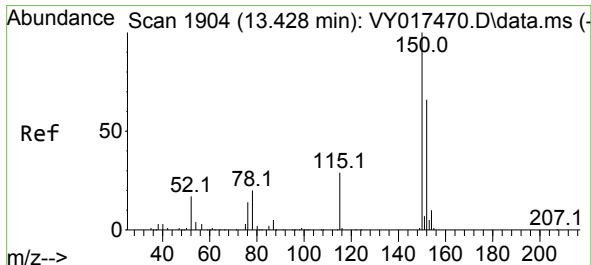
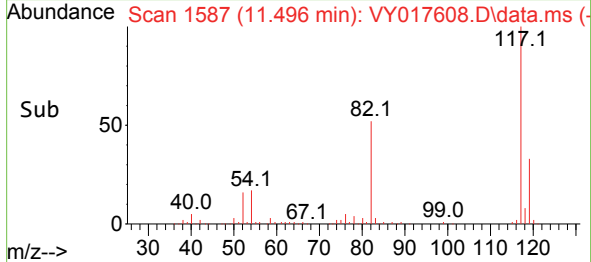
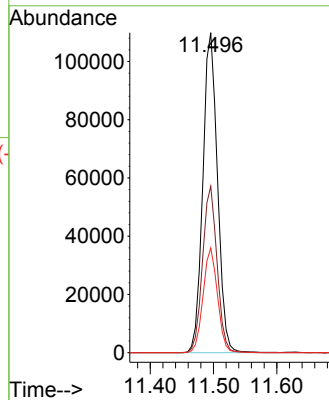
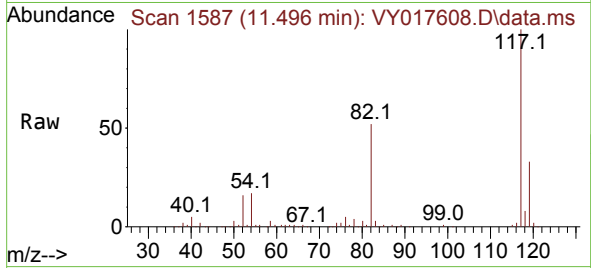




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117405
Delta R.T. 0.000 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

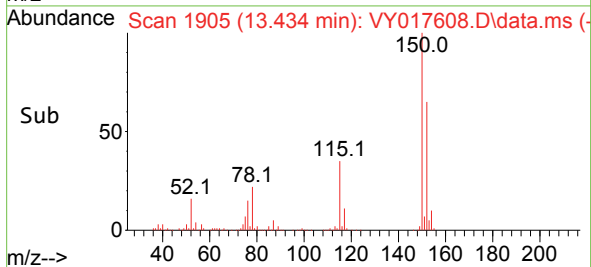
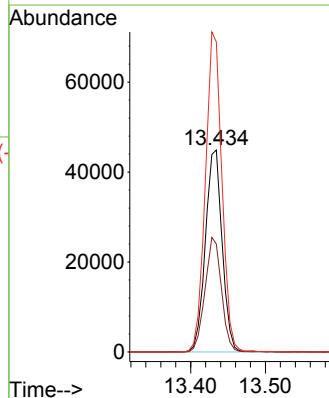
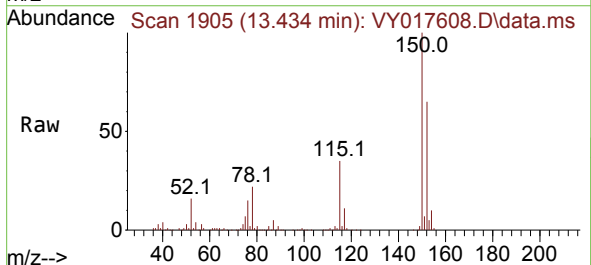
Instrument :
MSVOA_Y
ClientSampleId :
VOC-6-GRAB

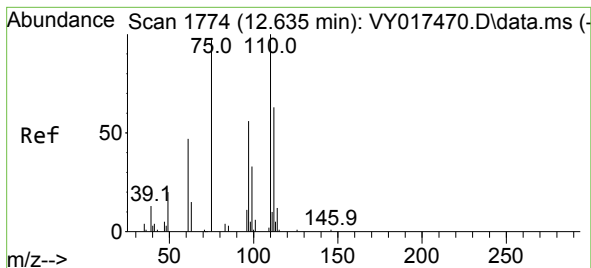
Tgt Ion:	117	Resp:	177405
Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.4	63.6
119	32.8	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

Tgt Ion:	152	Resp:	70029
Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.2	84.7
150	155.5	0.0	345.6





#76

1,2,3-Trichloropropane

Concen: 47.708 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017608.D

Acq: 07 Mar 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

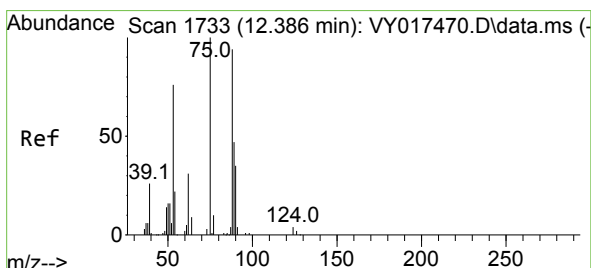
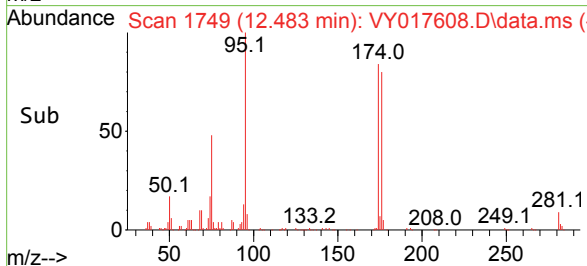
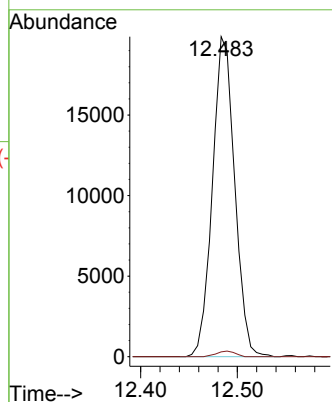
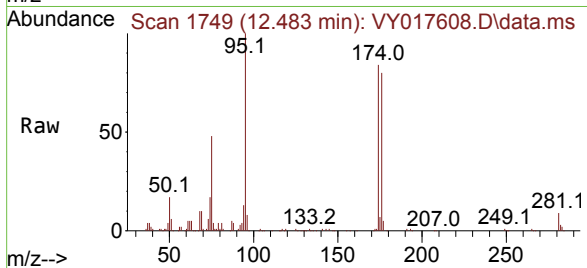
VOC-6-GRAB

Tgt Ion: 75 Resp: 31744

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 109.622 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017608.D

Acq: 07 Mar 2024 17:32

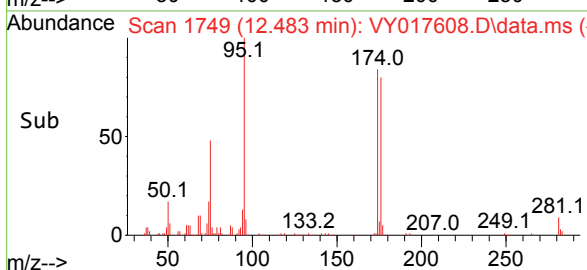
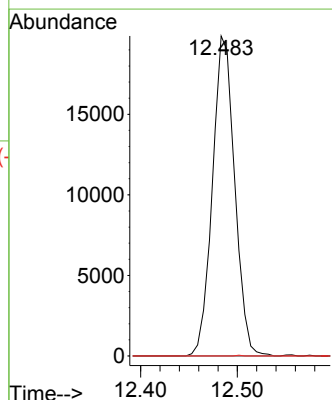
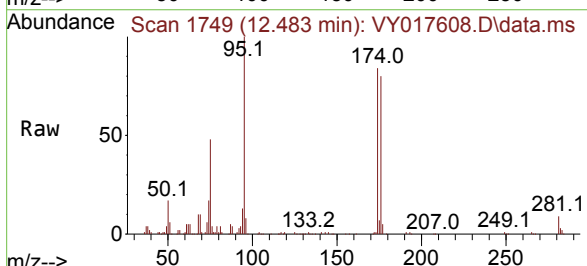
Tgt Ion: 75 Resp: 31744

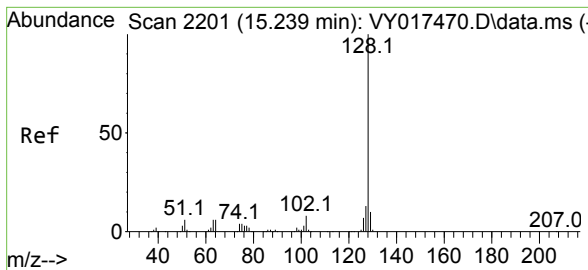
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

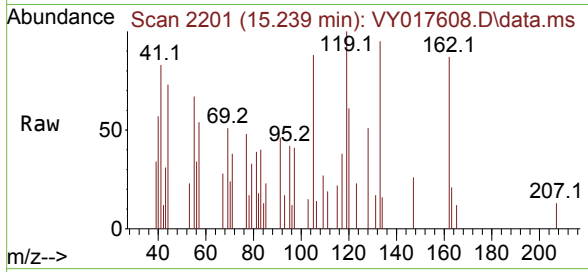
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 4.121 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

Instrument :
MSVOA_Y
ClientSampleId :
VOC-6-GRAB



Tgt Ion:	128	Resp:	491
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

