

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017604.D
 Acq On : 07 Mar 2024 15:56
 Operator : SY/MD
 Sample : P1701-05
 Misc : 10.66g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-2-GRAB

Quant Time: Mar 08 03:26:30 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)

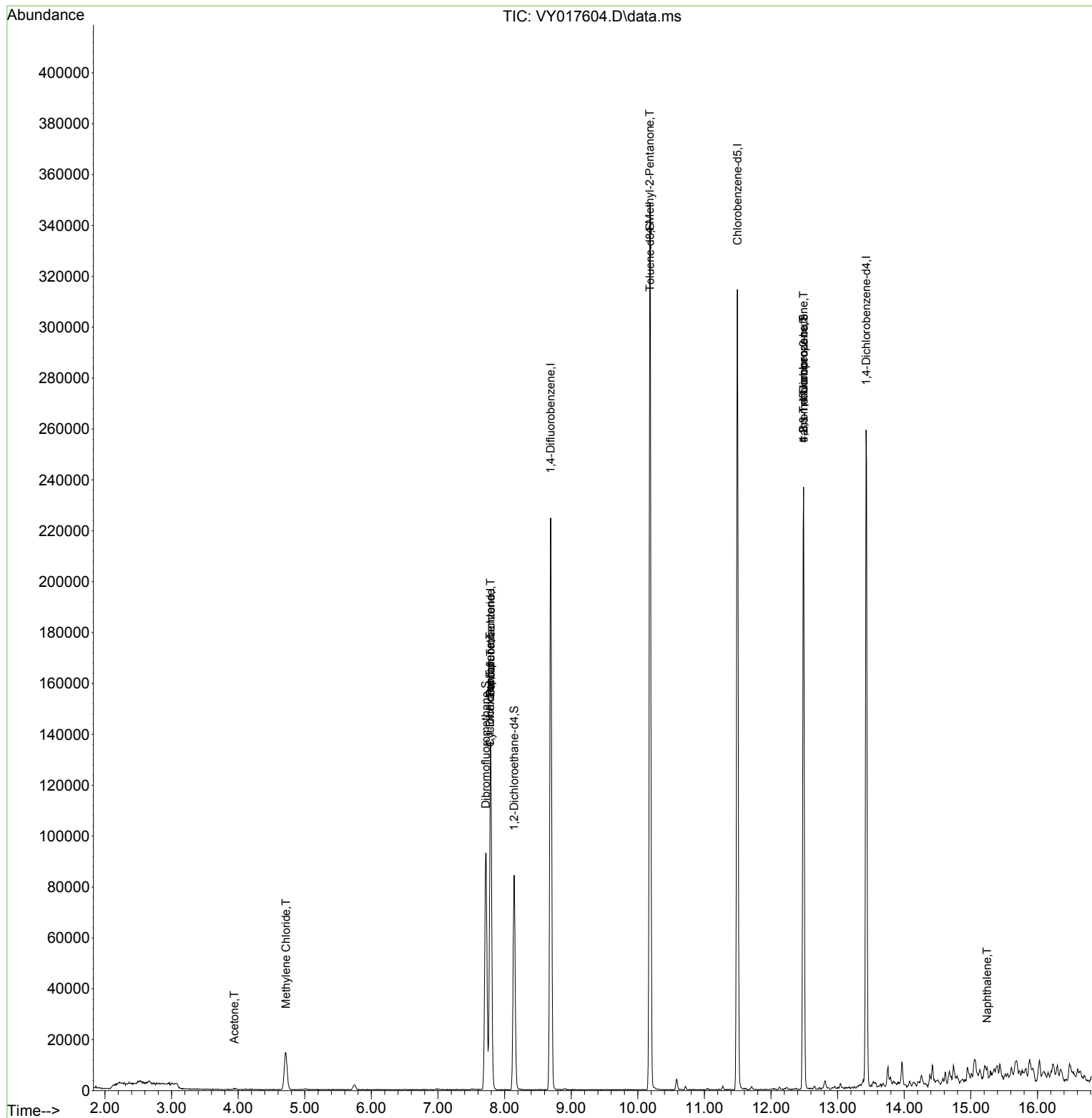
Internal Standards						
1) Pentafluorobenzene	7.789	168	110307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	180852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61846	59.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.320%
35) Dibromofluoromethane	7.716	113	68553	49.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.185	98	231114	47.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.740%
62) 4-Bromofluorobenzene	12.489	95	64593	42.125	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.260%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	797	3.931	ug/l #	83
20) Methylene Chloride	4.716	84	12081	5.237	ug/l	98
31) Cyclohexane	7.783	56	1891	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7891	4.191	ug/l #	47
38) Carbon Tetrachloride	7.789	117	10171	5.390	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	737	1.012	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	32715	48.690	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	32715	111.879	ug/l #	16
95) Naphthalene	15.245	128	1544	4.558	ug/l #	77

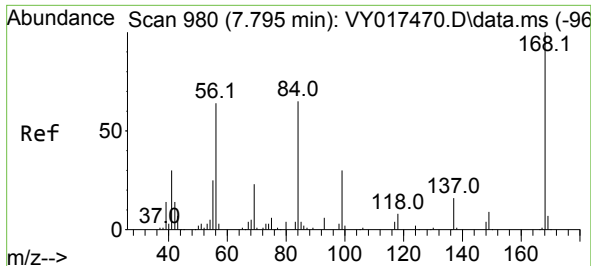
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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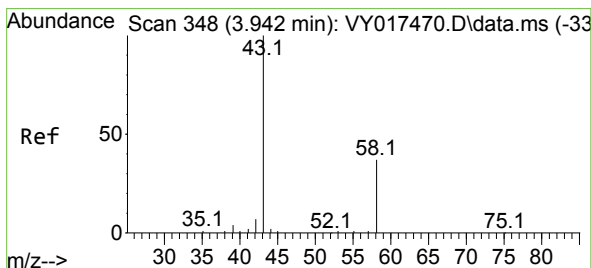
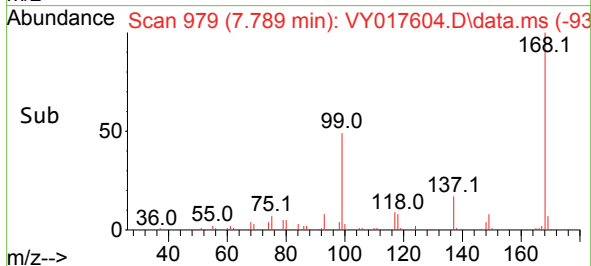
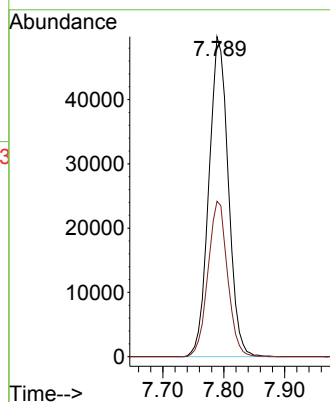
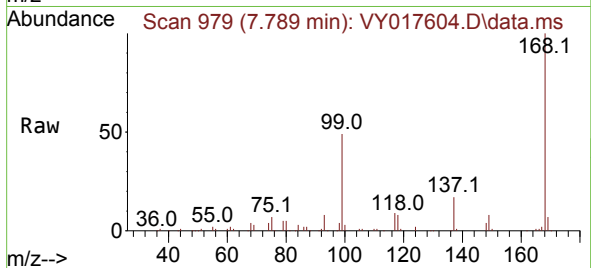




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

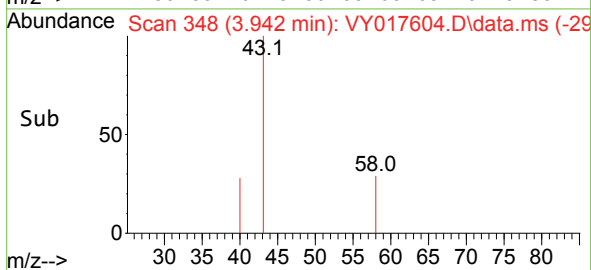
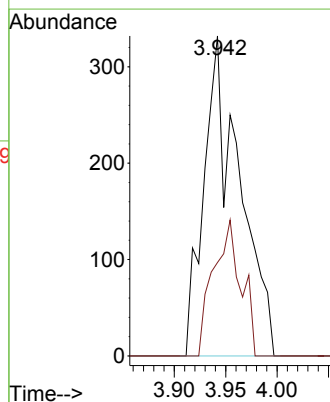
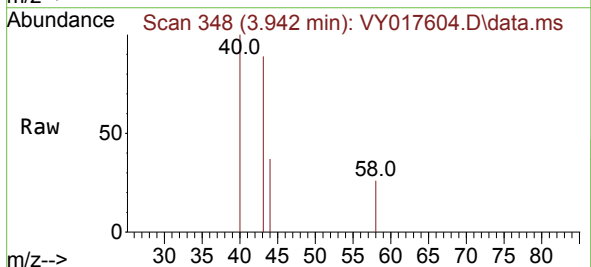
Instrument :
MSVOA_Y
ClientSampleId :
VOC-2-GRAB

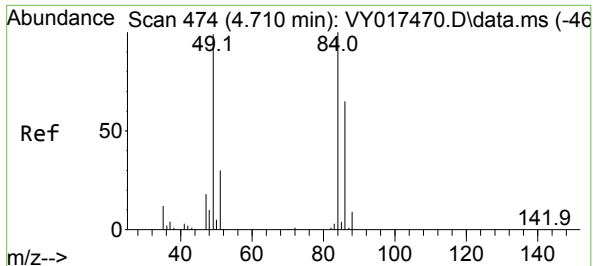
Tgt Ion:168 Resp: 110307
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#16
Acetone
Concen: 3.931 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

Tgt Ion: 43 Resp: 797
Ion Ratio Lower Upper
43 100
58 29.2 31.7 47.5#

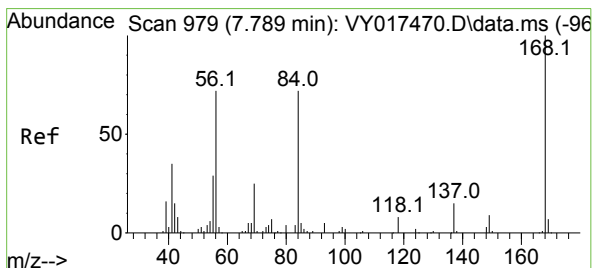
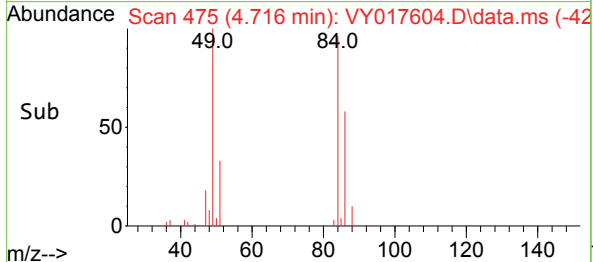
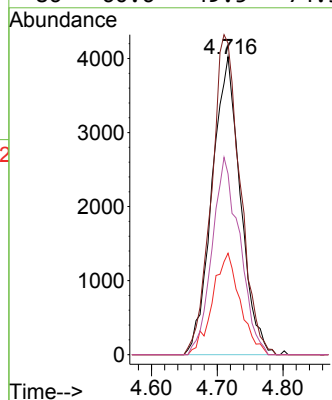
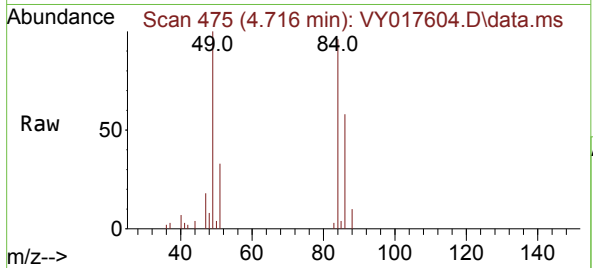




#20
Methylene Chloride
Concen: 5.237 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

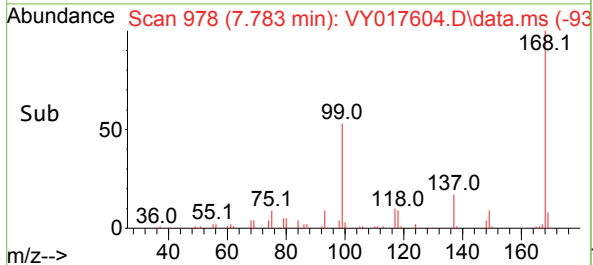
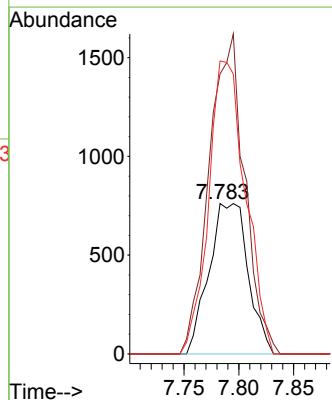
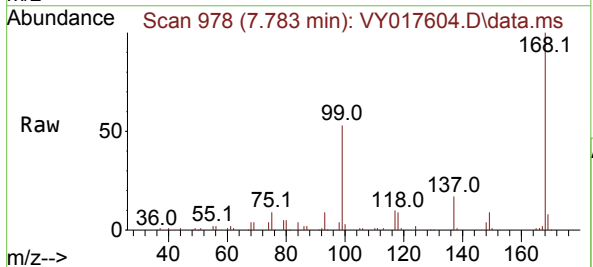
Instrument :
MSVOA_Y
ClientSampleId :
VOC-2-GRAB

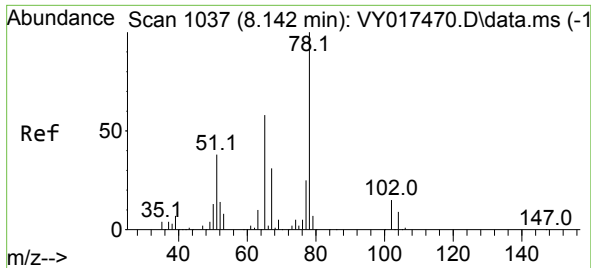
Tgt Ion:	84	Resp:	12081
Ion	Ratio	Lower	Upper
84	100		
49	104.4	84.4	126.6
51	34.0	26.0	39.0
86	60.6	49.5	74.3



#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

Tgt Ion:	56	Resp:	1891
Ion	Ratio	Lower	Upper
56	100		
69	186.3	28.7	43.1#
84	194.9	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 59.159 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017604.D

Acq: 07 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

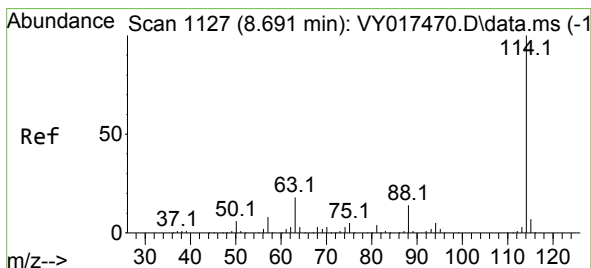
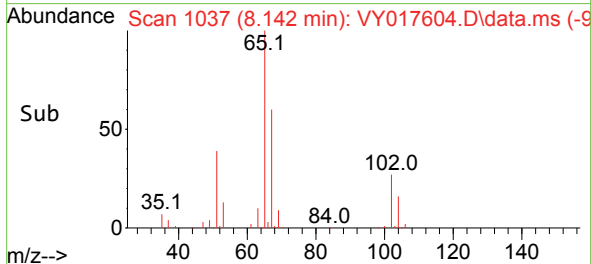
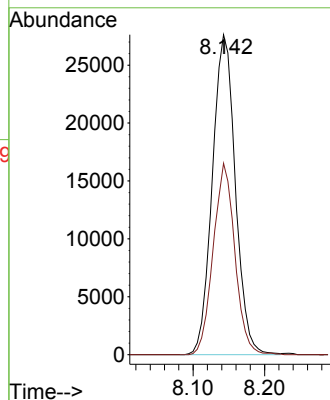
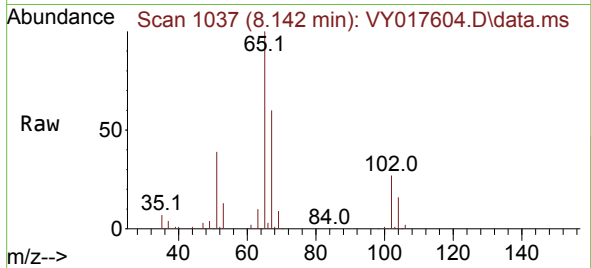
VOC-2-GRAB

Tgt Ion: 65 Resp: 61846

Ion Ratio Lower Upper

65 100

67 56.3 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: VY017604.D

Acq: 07 Mar 2024 15:56

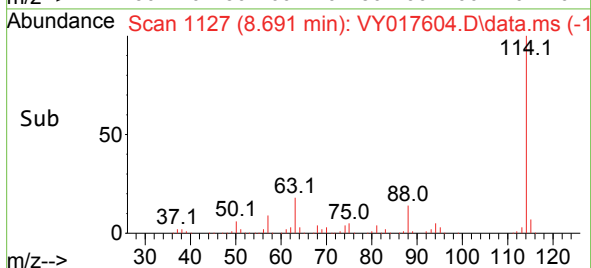
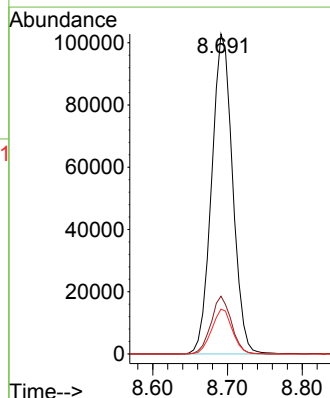
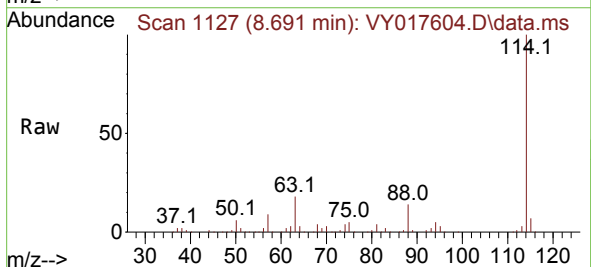
Tgt Ion: 114 Resp: 200257

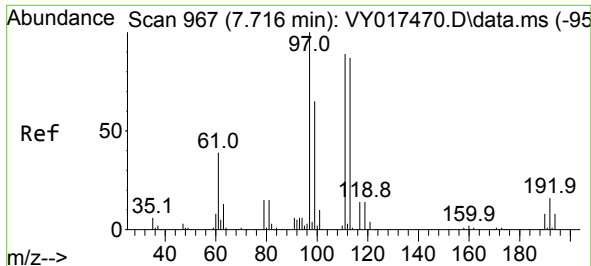
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.0 0.0 27.2

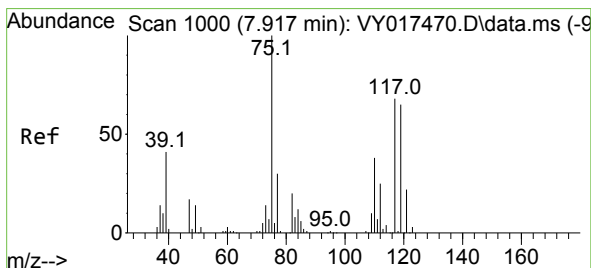
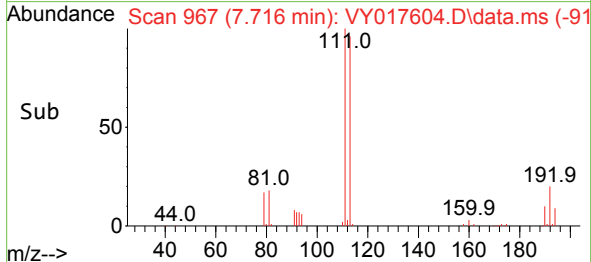
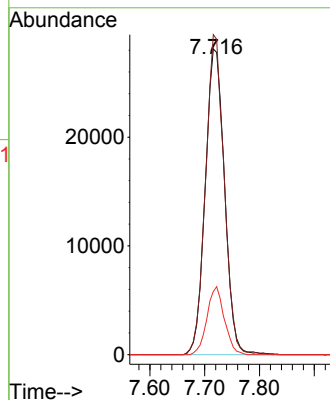
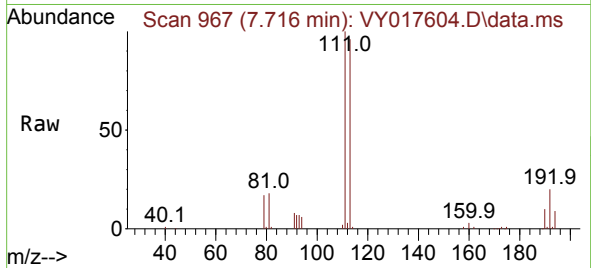




#35
 Dibromofluoromethane
 Concen: 49.126 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY017604.D
 Acq: 07 Mar 2024 15:56

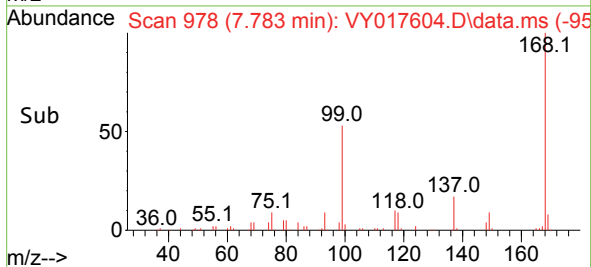
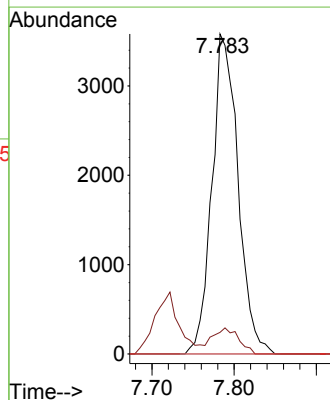
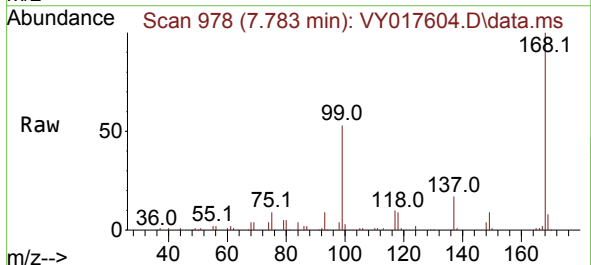
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-2-GRAB

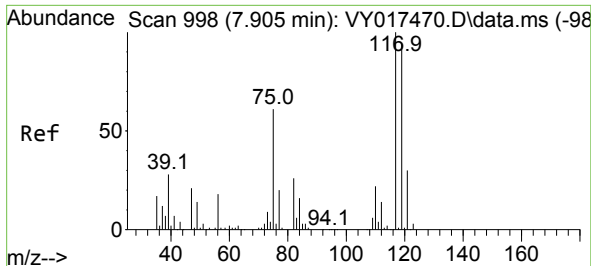
Tgt Ion:113 Resp: 68553
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.4
 192 20.1 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 4.191 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.134 min
 Lab File: VY017604.D
 Acq: 07 Mar 2024 15:56

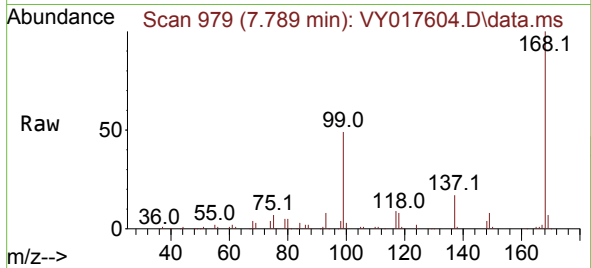
Tgt Ion: 75 Resp: 7891
 Ion Ratio Lower Upper
 75 100
 110 8.0 19.0 57.0#
 77 0.0 25.3 37.9#



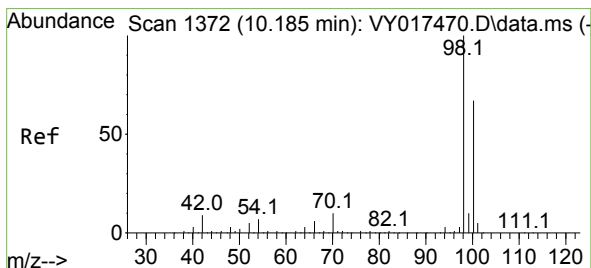
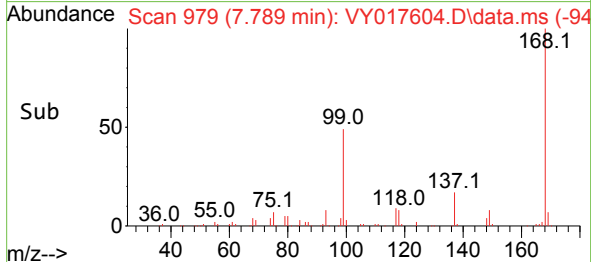
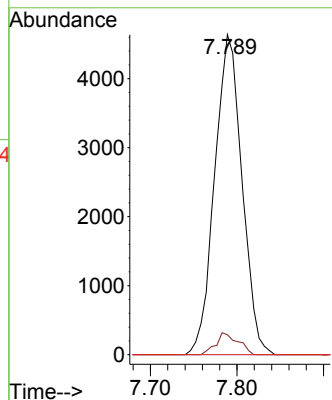


#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :
VOC-2-GRAB

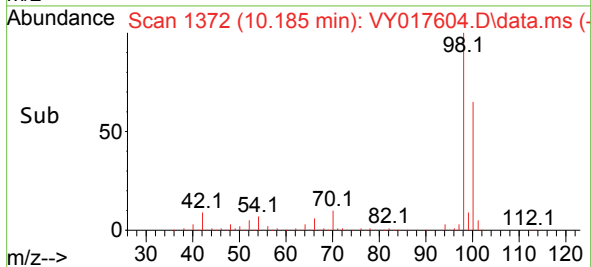
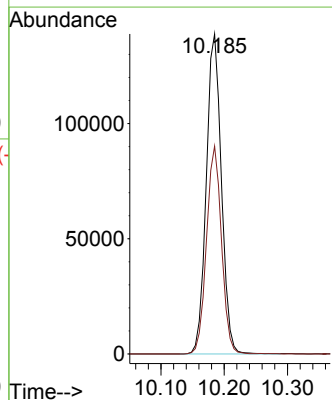
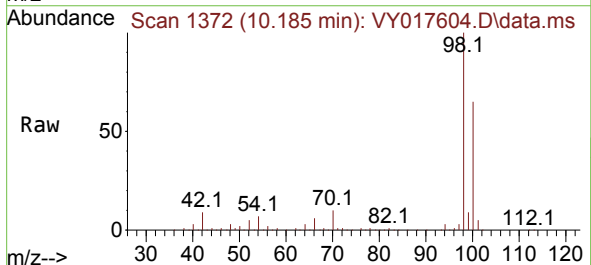


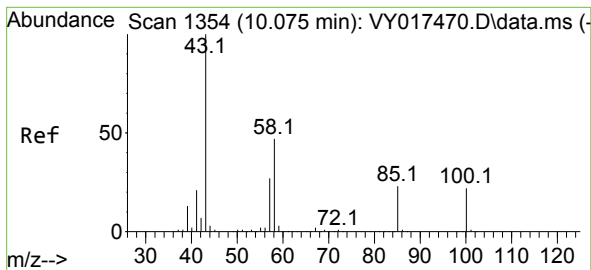
Tgt Ion:117 Resp: 10171
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.369 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

Tgt Ion: 98 Resp: 231114
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

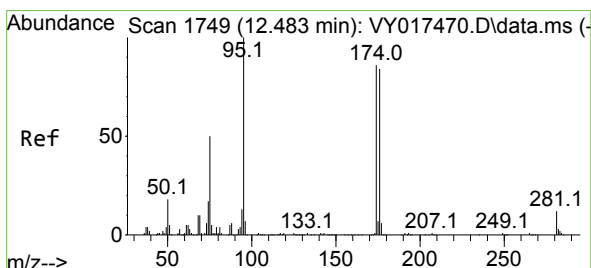
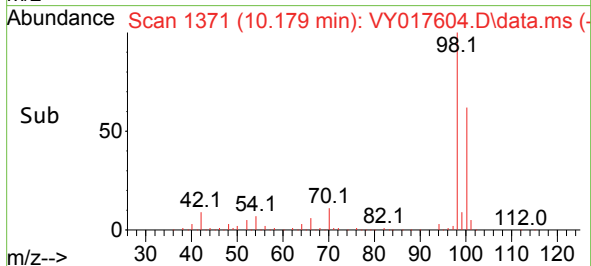
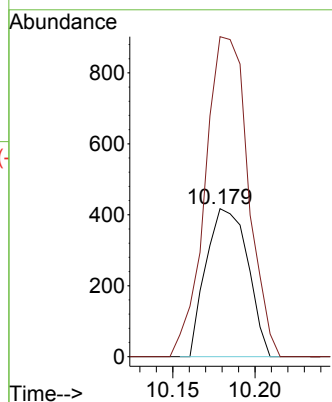
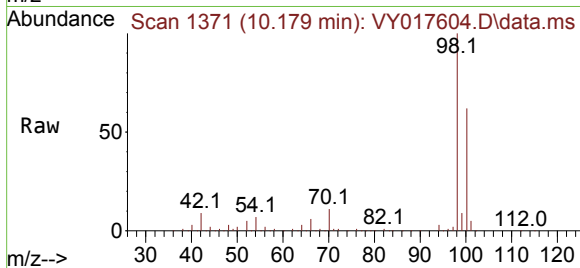




#51
4-Methyl-2-Pentanone
Concen: 1.012 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

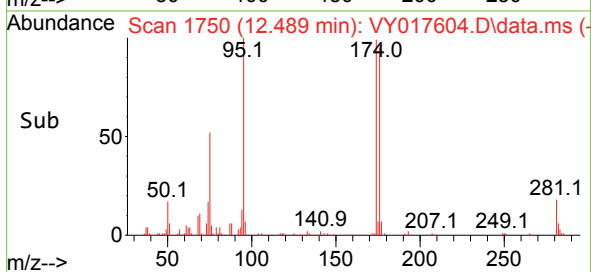
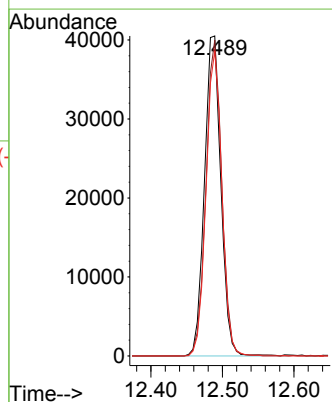
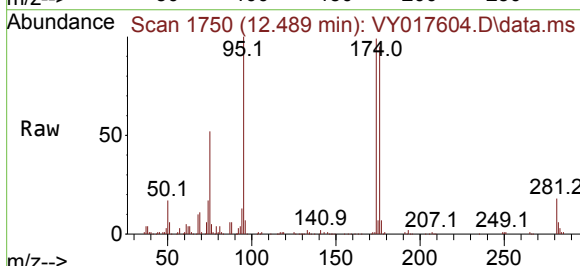
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VOC-2-GRAB

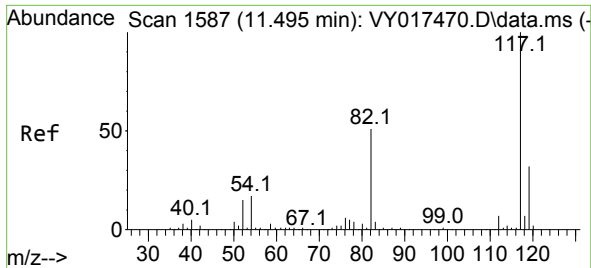
Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 222.8 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 42.125 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

Tgt Ion: 95 Resp: 64593
Ion Ratio Lower Upper
95 100
174 95.0 0.0 175.6
176 91.9 0.0 171.4

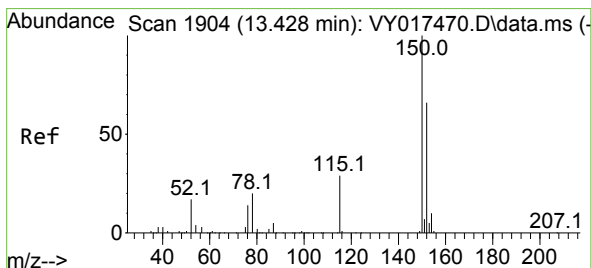
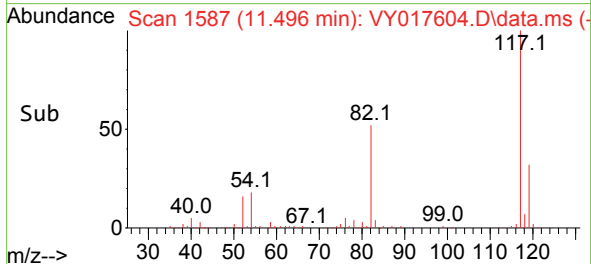
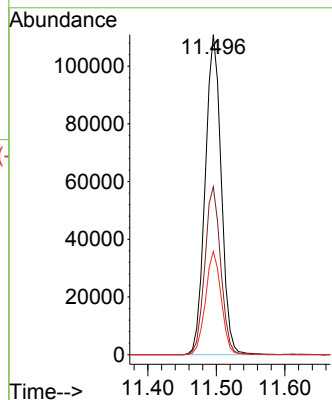
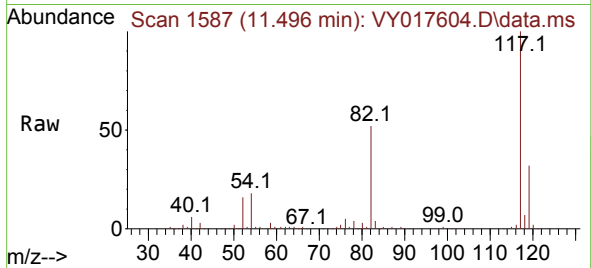




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

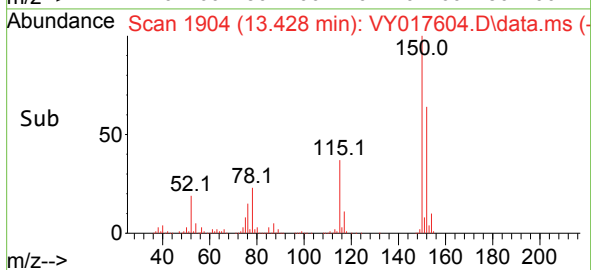
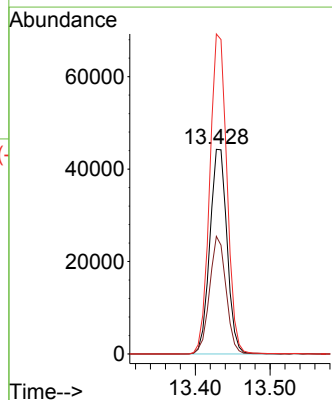
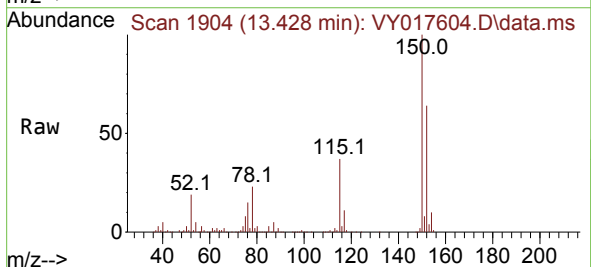
Instrument :
MSVOA_Y
ClientSampleId :
VOC-2-GRAB

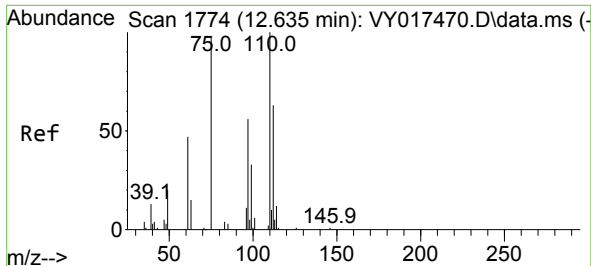
Tgt Ion:117 Resp: 180852
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

Tgt Ion:152 Resp: 70715
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 156.0 0.0 345.6

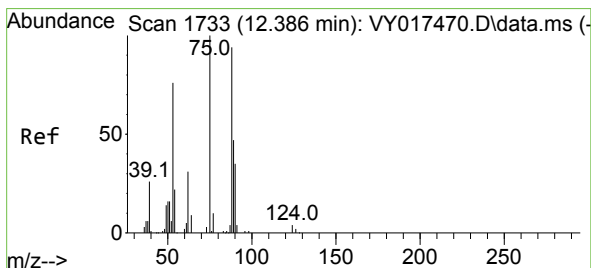
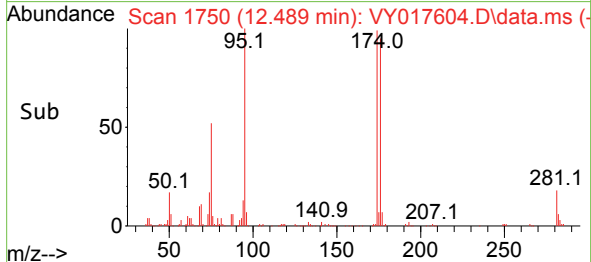
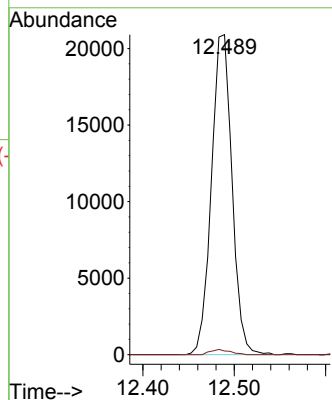
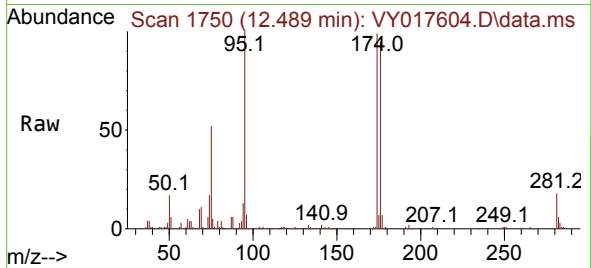




#76
1,2,3-Trichloropropane
Concen: 48.690 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

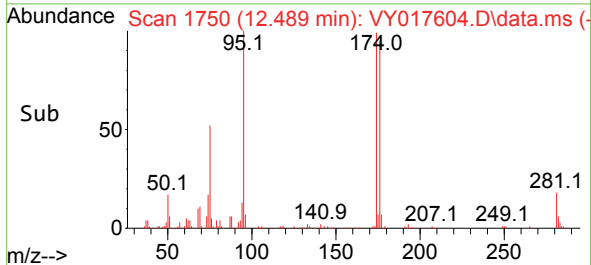
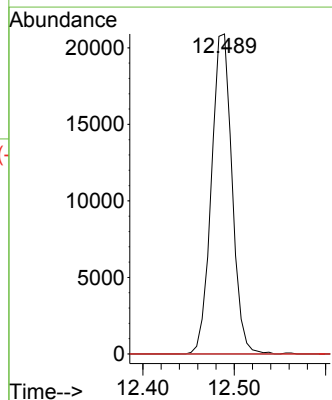
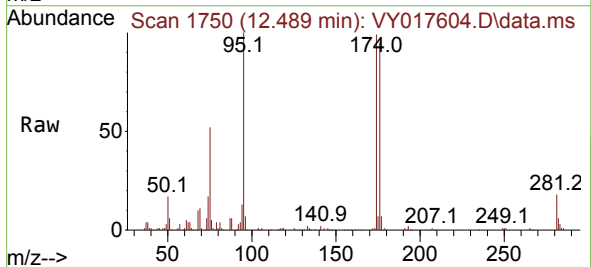
Instrument :
MSVOA_Y
ClientSampleId :
VOC-2-GRAB

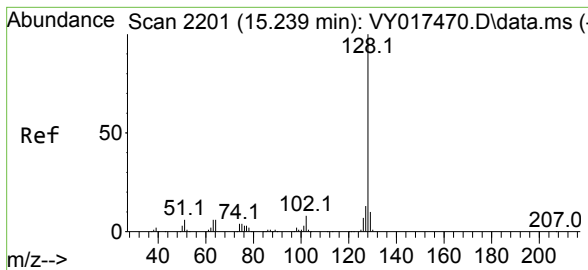
Tgt Ion: 75 Resp: 32715
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.879 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

Tgt Ion: 75 Resp: 32715
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.558 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :
VOC-2-GRAB

Tgt Ion:128 Resp: 1544
Ion Ratio Lower Upper
128 100
127 6.2 10.6 16.0#
129 0.0 8.6 13.0#

