

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026428.D
 Acq On : 18 Jun 2022 17:24
 Operator : SY/MD
 Sample : N3275-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Jun 20 01:30:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 20 01:25:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	271222	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	248582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	105032	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	89058	3.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.584	69	76143	4.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.124	63	128269	3.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.928	46	112676	49.018	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.040%
24) Chloroform-d	4.365	84	167465	4.850	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.043	65	70055	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.060	84	352896	5.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.076	67	98071	5.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.320	98	300795	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.629	79	22585	3.591	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.092	63	89238	46.969	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	58488	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	94267	5.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1106	0.049	ug/L	83
6) Bromomethane	1.542	94	786	0.060	ug/L	92
8) Chloroethane	1.323	64	6868	0.473	ug/L	86
21) 2-Butanone	3.944	43	2405	1.043	ug/L #	50
27) 1,2-Dichloroethane	5.050	62	1654	0.106	ug/L #	71
35) Methylcyclohexane	6.076	83	24469	1.017	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	10041	0.602	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1729	0.091	ug/L	83
52) Ethylbenzene	9.021	91	11878	0.177	ug/L	98
53) m,p-Xylene	9.143	106	14493	0.553	ug/L	92
54) o-Xylene	9.548	106	4000	0.158	ug/L	100
60) Isopropylbenzene	10.448	105	9163	0.164	ug/L	93
61) 1,2,3-Trichloropropane	11.246	75	11739	1.722	ug/L #	69
62) 1,3,5-Trimethylbenzene	10.542	105	3056	0.069	ug/L	92
63) 1,2,4-Trimethylbenzene	10.918	105	11176	0.254	ug/L	98
71) Naphthalene	13.506	128	12044	0.591	ug/L	98

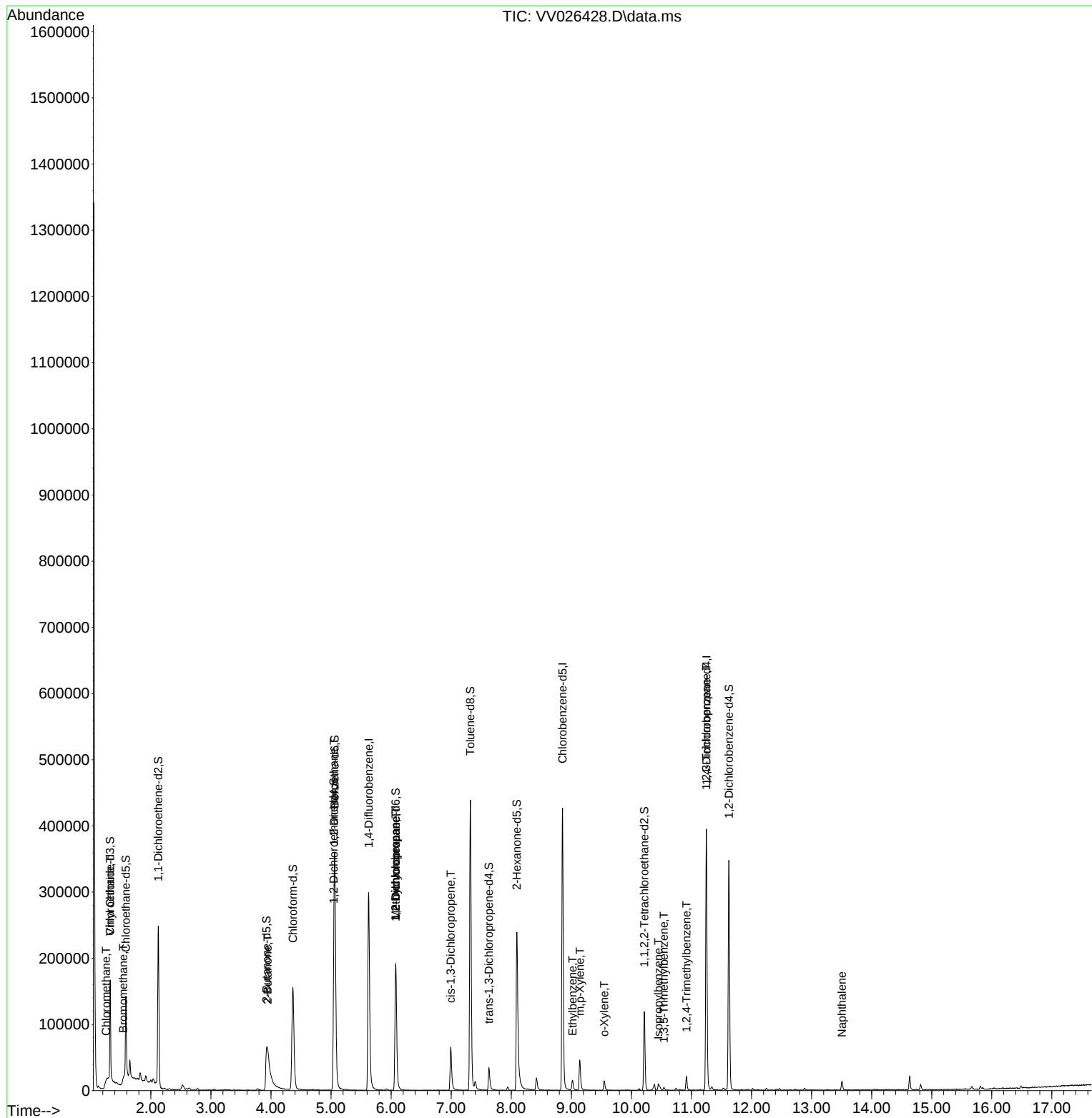
(#) = qualifier out of range (m) = manual integration (+) = signals summed

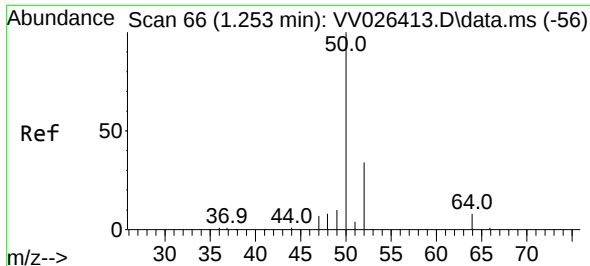
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026428.D
Acq On : 18 Jun 2022 17:24
Operator : SY/MD
Sample : N3275-16
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Quant Time: Jun 20 01:30:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 20 01:25:22 2022
Response via : Initial Calibration

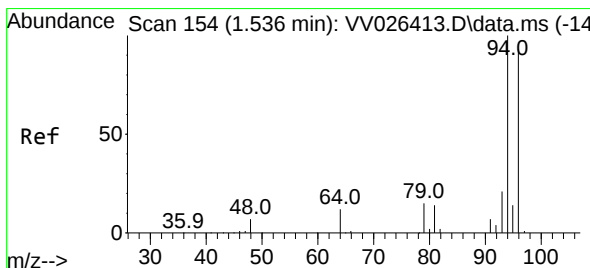
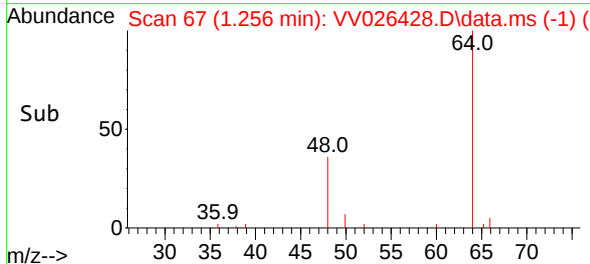
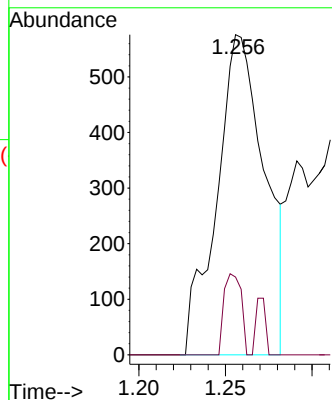
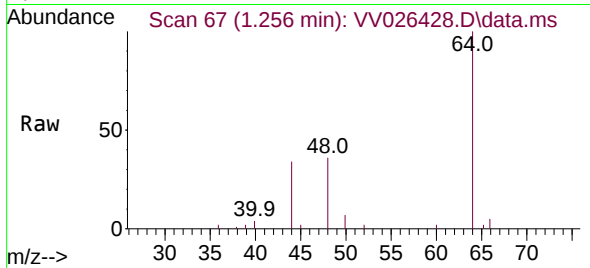




#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026428.D
Acq: 18 Jun 2022 17:24

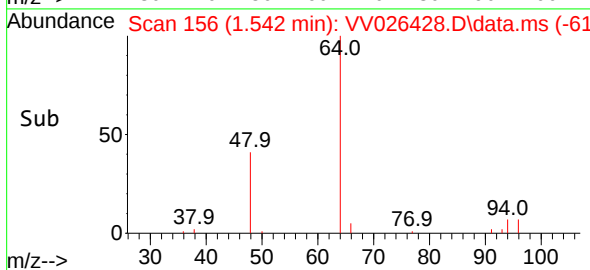
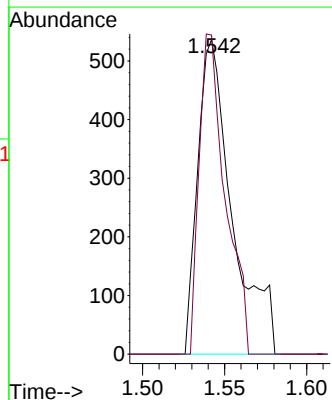
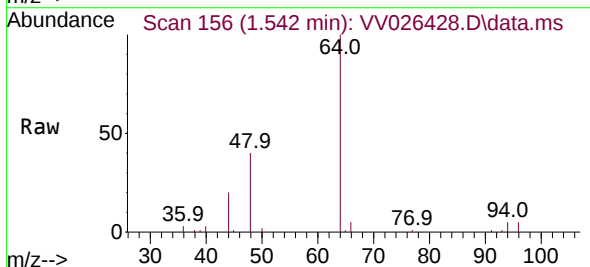
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

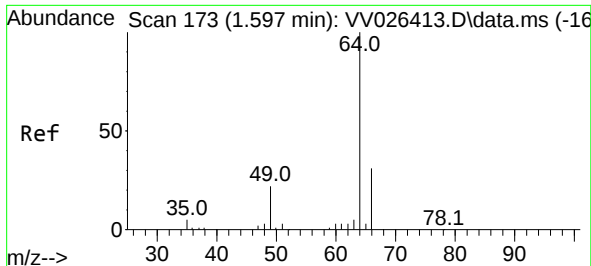
Tgt Ion: 50 Resp: 1106
Ion Ratio Lower Upper
50 100
52 24.3 23.7 44.1



#6
Bromomethane
Concen: 0.060 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026428.D
Acq: 18 Jun 2022 17:24

Tgt Ion: 94 Resp: 786
Ion Ratio Lower Upper
94 100
96 101.3 65.7 121.9

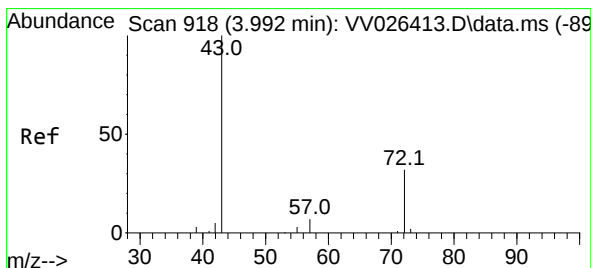
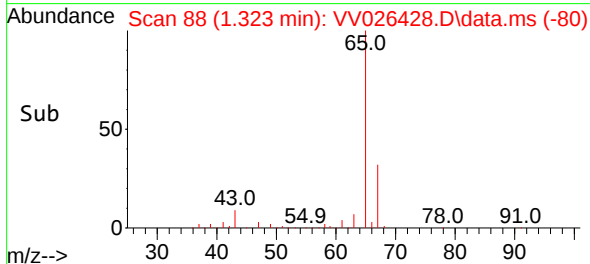
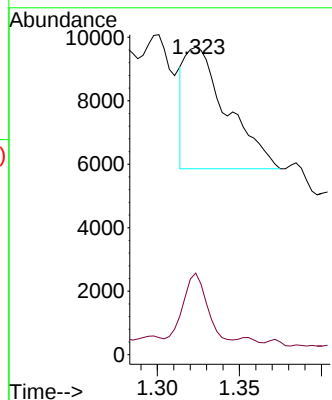
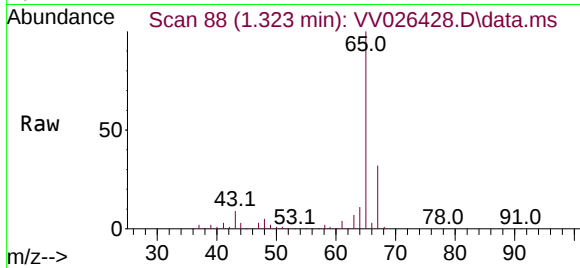




#8
Chloroethane
Concen: 0.473 ug/L
RT: 1.323 min Scan# 81
Delta R.T. -0.273 min
Lab File: VV026428.D
Acq: 18 Jun 2022 17:24

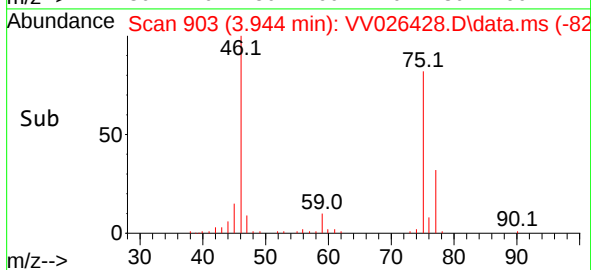
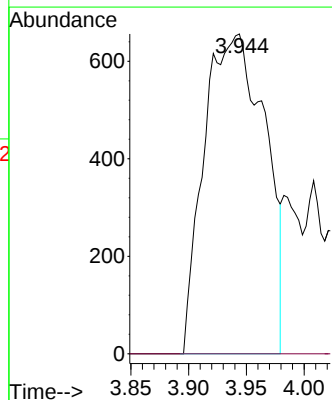
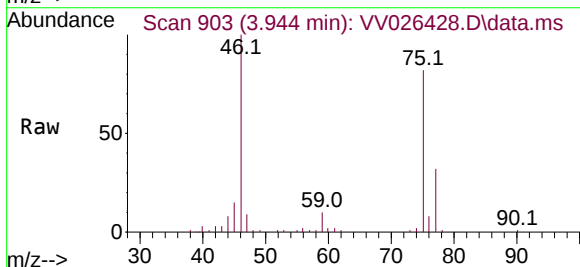
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

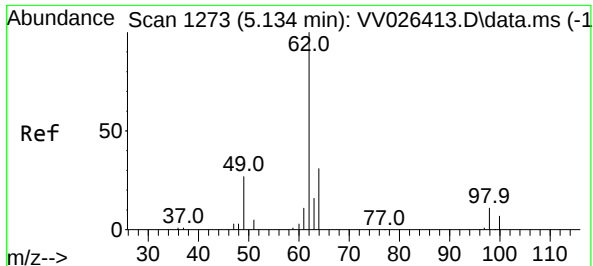
Tgt Ion: 64 Resp: 6868
Ion Ratio Lower Upper
64 100
66 26.5 24.1 44.7



#21
2-Butanone
Concen: 1.043 ug/L
RT: 3.944 min Scan# 903
Delta R.T. -0.048 min
Lab File: VV026428.D
Acq: 18 Jun 2022 17:24

Tgt Ion: 43 Resp: 2405
Ion Ratio Lower Upper
43 100
72 0.0 12.7 38.0#





#27

1,2-Dichloroethane

Concen: 0.106 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.084 min

Lab File: VV026428.D

Acq: 18 Jun 2022 17:24

Instrument :

MSVOA_V

ClientSampleId :

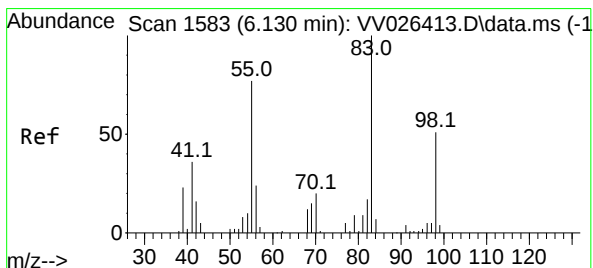
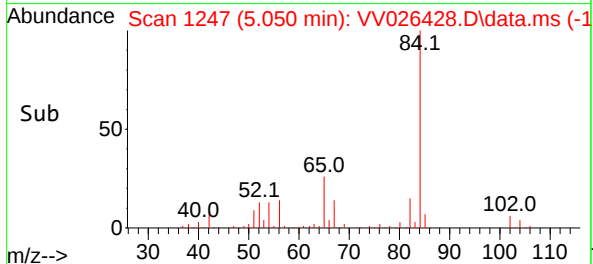
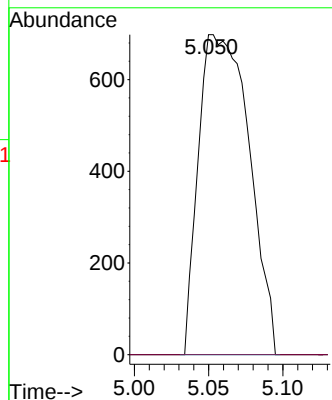
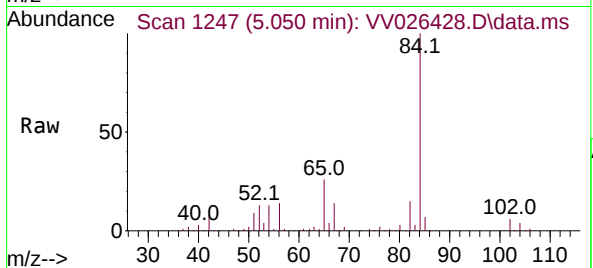
VHBLK001

Tgt Ion: 62 Resp: 1654

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#35

Methylcyclohexane

Concen: 1.017 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.055 min

Lab File: VV026428.D

Acq: 18 Jun 2022 17:24

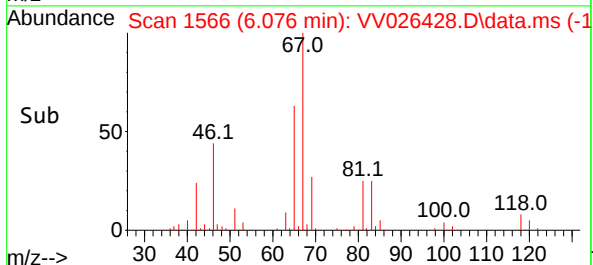
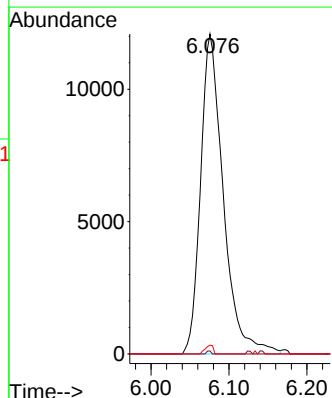
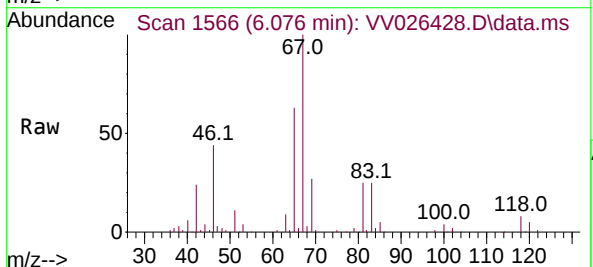
Tgt Ion: 83 Resp: 24469

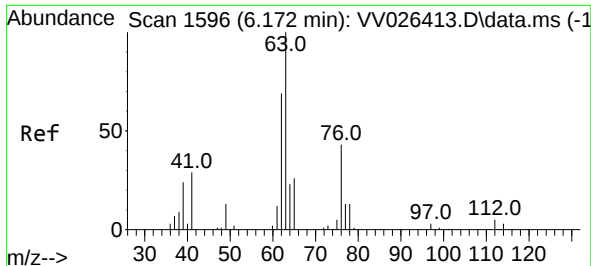
Ion Ratio Lower Upper

83 100

55 0.2 59.3 88.9#

98 1.0 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.602 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV026428.D

Acq: 18 Jun 2022 17:24

Instrument :

MSVOA_V

ClientSampleId :

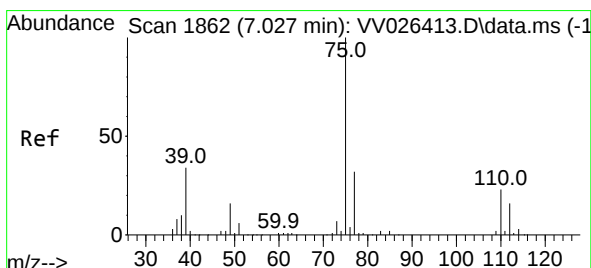
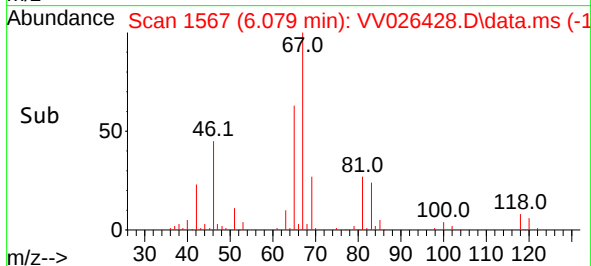
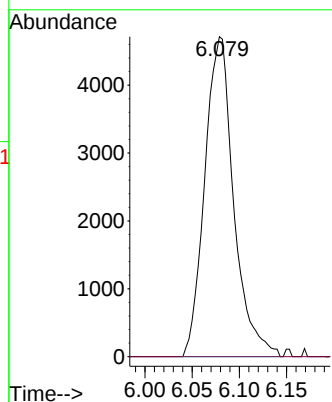
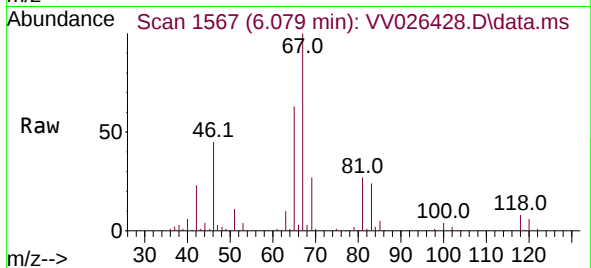
VHBLK001

Tgt Ion: 63 Resp: 10041

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV026428.D

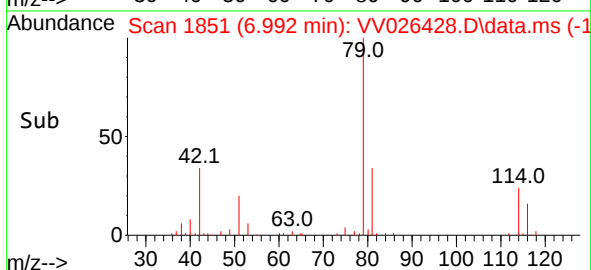
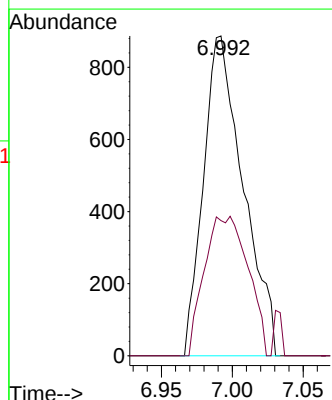
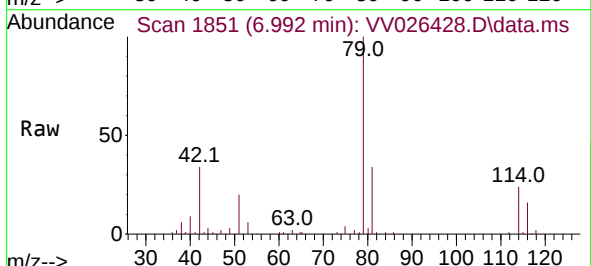
Acq: 18 Jun 2022 17:24

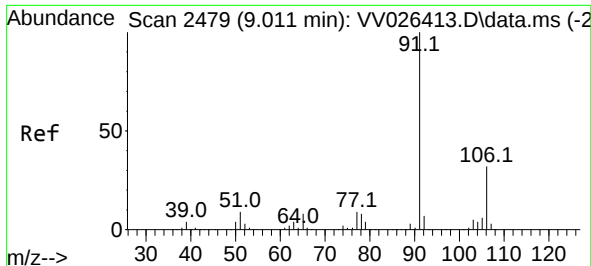
Tgt Ion: 75 Resp: 1729

Ion Ratio Lower Upper

75 100

77 42.3 23.0 42.6





#52

Ethylbenzene

Concen: 0.177 ug/L

RT: 9.021 min Scan# 24

Delta R.T. 0.010 min

Lab File: VV026428.D

Acq: 18 Jun 2022 17:24

Instrument :

MSVOA_V

ClientSampleId :

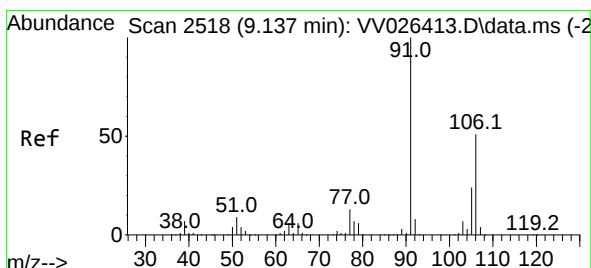
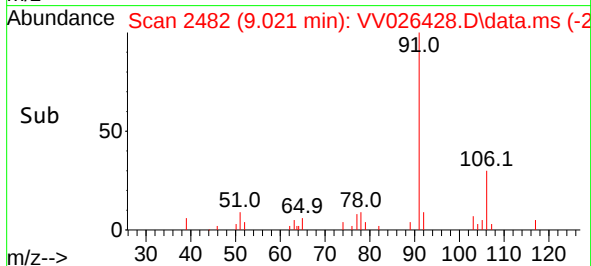
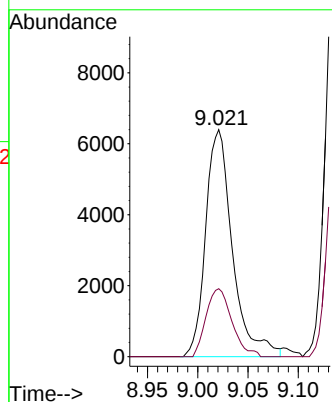
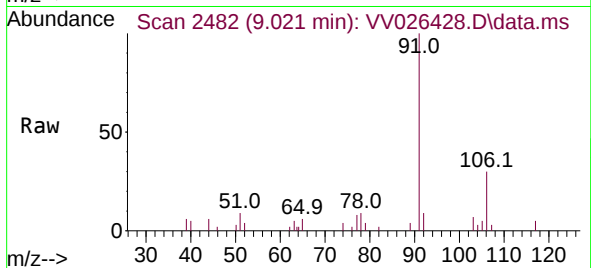
VHBLK001

Tgt Ion: 91 Resp: 11878

Ion Ratio Lower Upper

91 100

106 29.9 21.6 40.0



#53

m,p-Xylene

Concen: 0.553 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.006 min

Lab File: VV026428.D

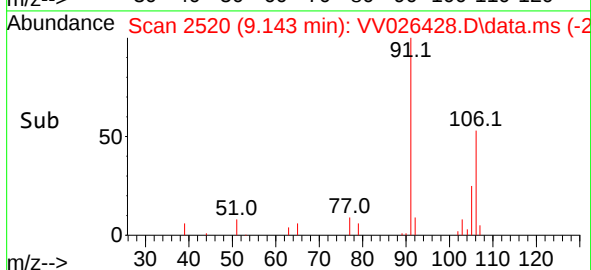
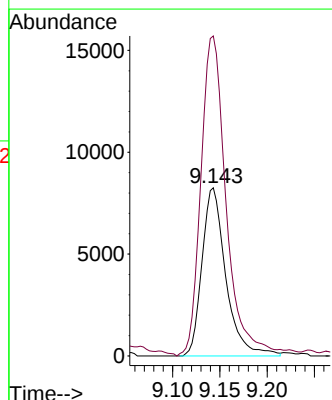
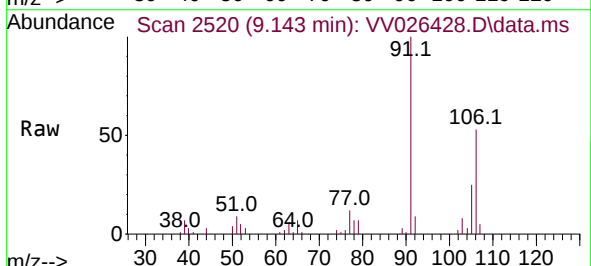
Acq: 18 Jun 2022 17:24

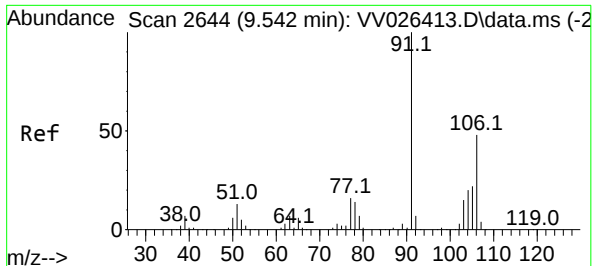
Tgt Ion: 106 Resp: 14493

Ion Ratio Lower Upper

106 100

91 190.2 141.3 262.3

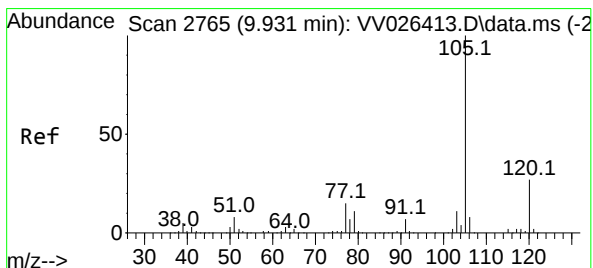
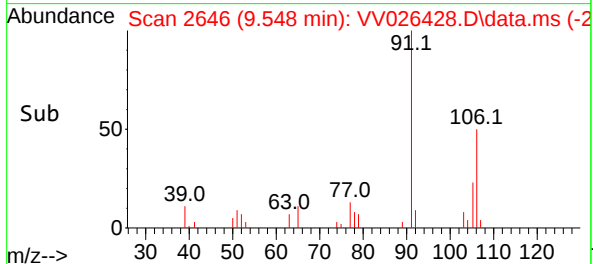
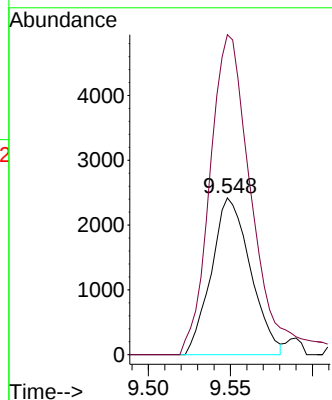
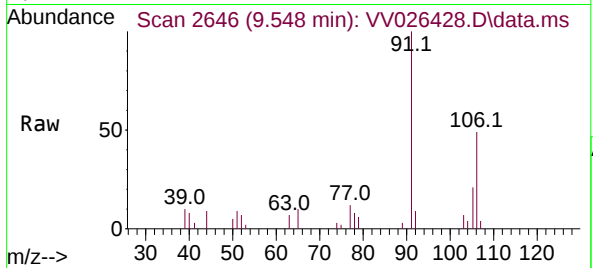




#54
o-Xylene
Concen: 0.158 ug/L
RT: 9.548 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VV026428.D
Acq: 18 Jun 2022 17:24

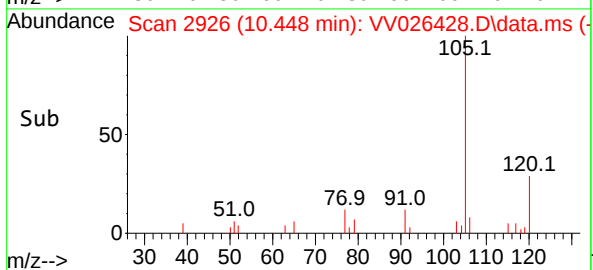
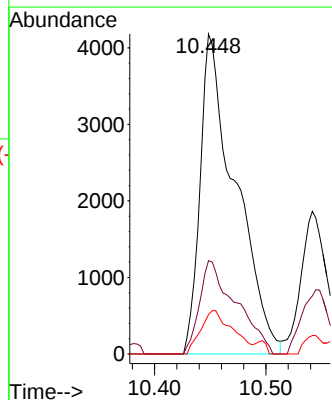
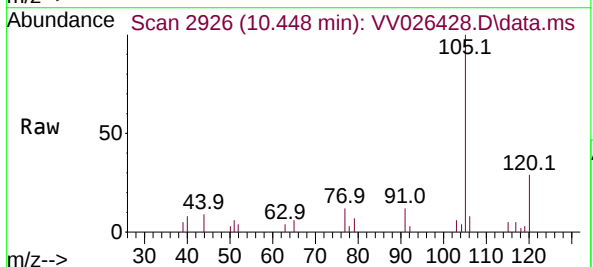
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

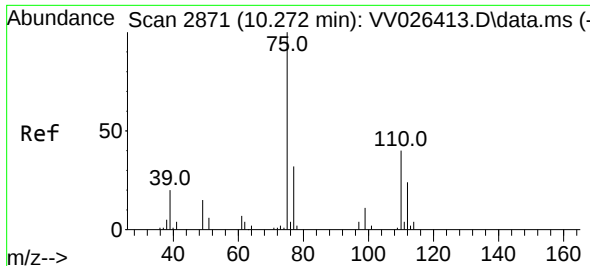
Tgt Ion:106 Resp: 4000
Ion Ratio Lower Upper
106 100
91 204.1 143.3 266.1



#60
Isopropylbenzene
Concen: 0.164 ug/L
RT: 10.448 min Scan# 2926
Delta R.T. 0.518 min
Lab File: VV026428.D
Acq: 18 Jun 2022 17:24

Tgt Ion:105 Resp: 9163
Ion Ratio Lower Upper
105 100
120 30.2 21.5 32.3
77 12.3 12.2 18.4

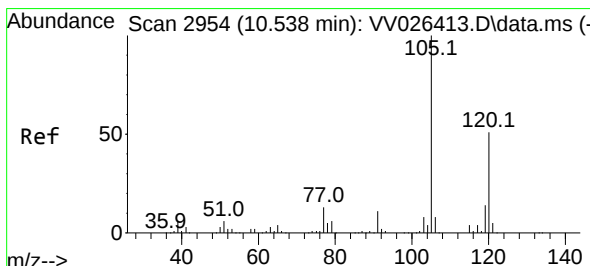
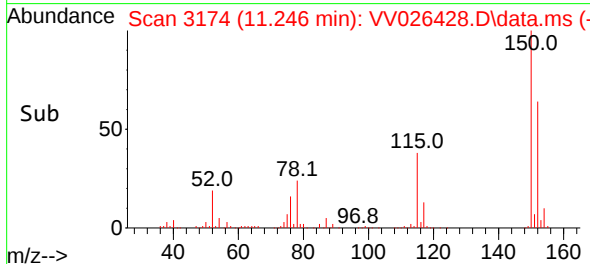
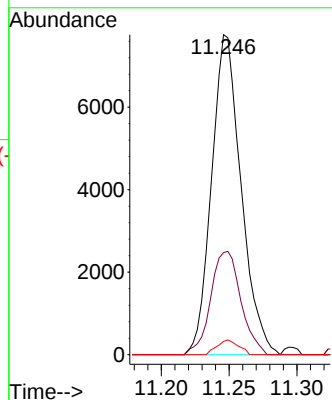
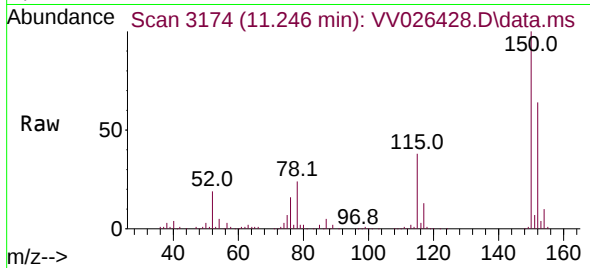




#61
 1,2,3-Trichloropropane
 Concen: 1.722 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV026428.D
 Acq: 18 Jun 2022 17:24

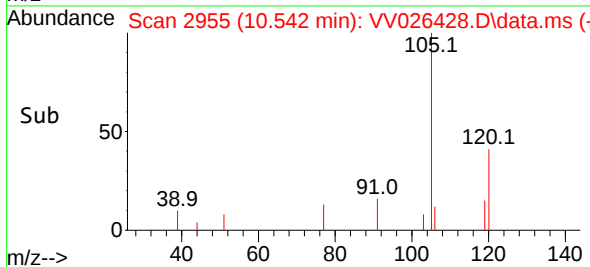
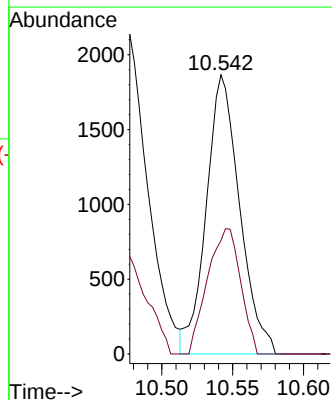
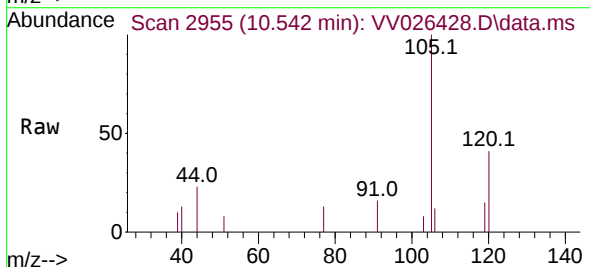
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

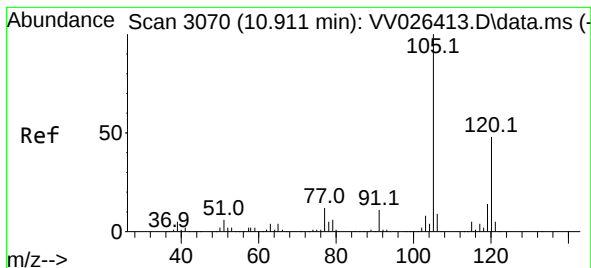
Tgt Ion: 75 Resp: 11739
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.9 40.3
 110 3.3 30.7 46.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.069 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: VV026428.D
 Acq: 18 Jun 2022 17:24

Tgt Ion: 105 Resp: 3056
 Ion Ratio Lower Upper
 105 100
 120 44.2 39.9 59.9





#63

1,2,4-Trimethylbenzene

Concen: 0.254 ug/L

RT: 10.918 min Scan# 3070

Delta R.T. 0.006 min

Lab File: VV026428.D

Acq: 18 Jun 2022 17:24

Instrument :

MSVOA_V

ClientSampleId :

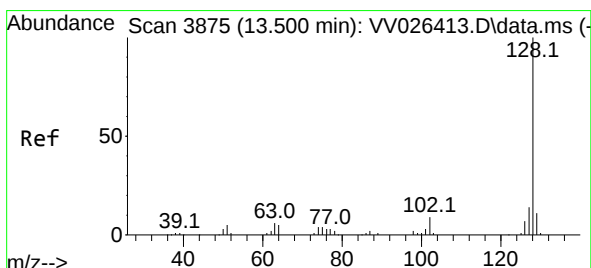
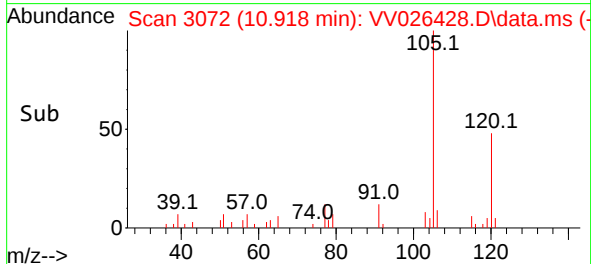
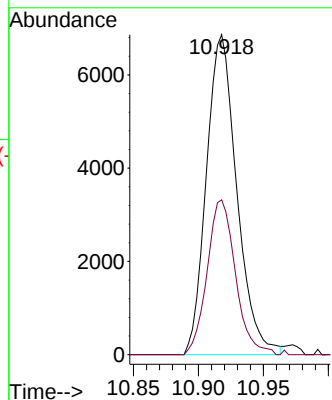
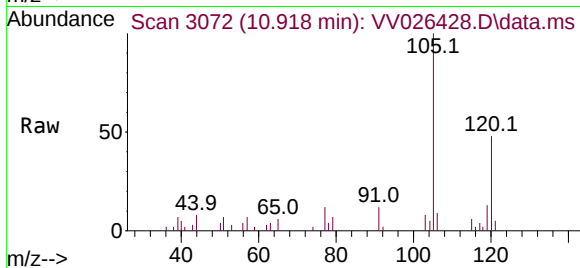
VHBLK001

Tgt Ion:105 Resp: 11176

Ion Ratio Lower Upper

105 100

120 45.1 36.9 55.3



#71

Naphthalene

Concen: 0.591 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV026428.D

Acq: 18 Jun 2022 17:24

Tgt Ion:128 Resp: 12044

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 11.7 10.6 16.0

