

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082420\
 Data File : VW016329.D
 Acq On : 24 Aug 2020 14:42
 Operator : SY/VA
 Sample : L3782-04
 Misc : 6.80G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK1

Quant Time: Aug 25 15:03:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 15:01:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	343410	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296561	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105270	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54744	14.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.72%
7) Chloroethane-d5	2.89	69	46531	16.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.88%
10) 1,1-Dichloroethene-d2	4.01	63	103974	11.94	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.76%
20) 2-Butanone-d5	7.07	46	36698	35.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.38%
24) Chloroform-d	7.65	84	166529	18.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.40%
26) 1,2-Dichloroethane-d4	8.31	65	84820	18.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.52%
29) Benzene-d6	8.27	84	318035	19.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.84%
33) 1,2-Dichloropropane-d6	9.27	67	93316	20.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.48%
37) Toluene-d8	10.33	98	275430	17.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.52%
38) trans-1,3-Dichloropropene-	10.58	79	39907	18.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.20%
39) 2-Hexanone-d5	10.93	63	30631	41.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72487	19.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	79562	19.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.84%

Target Compounds

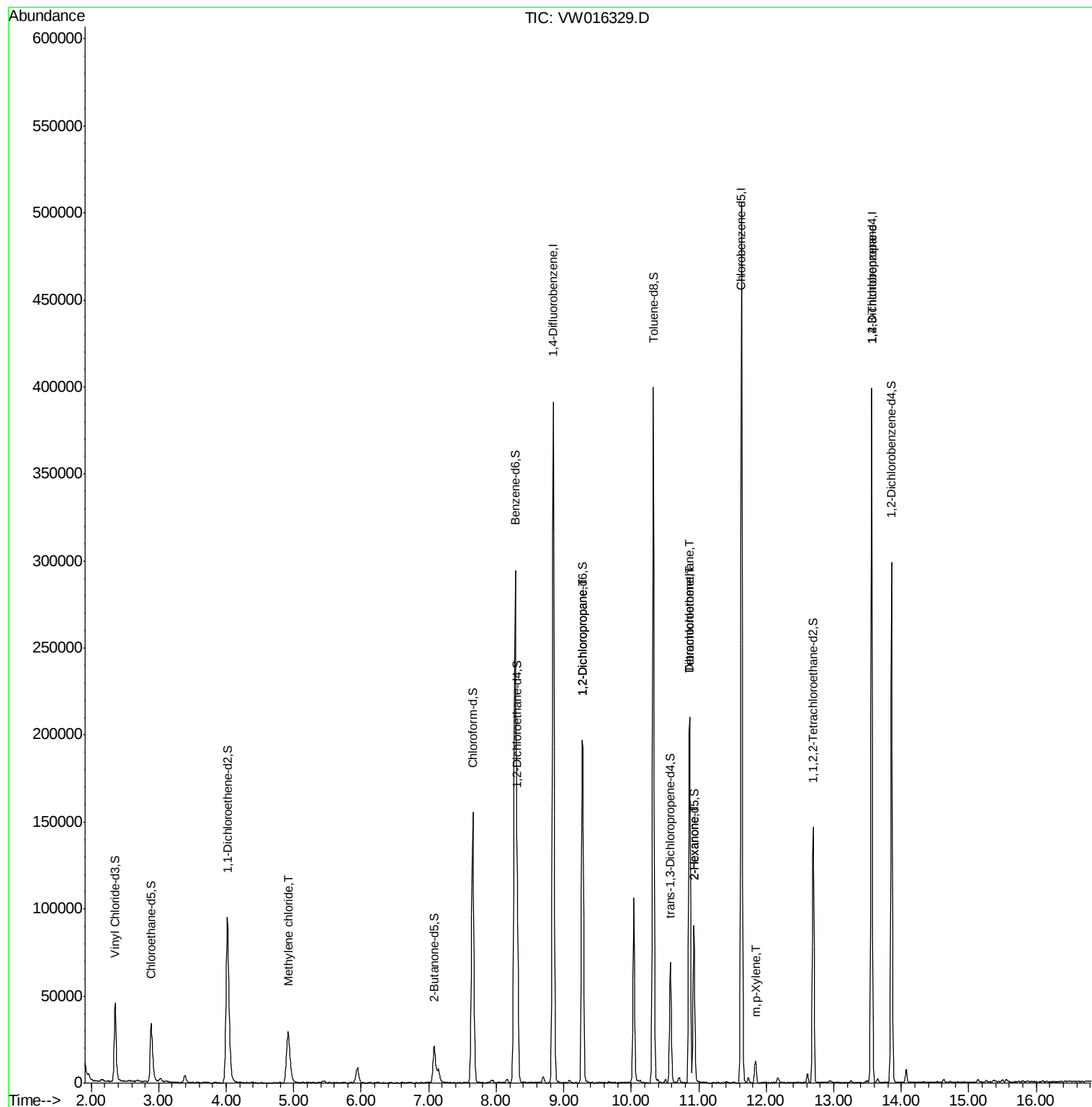
					Qvalue
16) Methylene chloride	4.92	84	27922	4.398 ug/L	94
40) 1,2-Dichloropropane	9.28	63	10658	2.664 ug/L #	84
47) Tetrachloroethene	10.87	164	49721	13.091 ug/L	95
49) 2-Hexanone	10.93	43	4273	2.758 ug/L #	62
50) Dibromochloromethane	10.87	129	48659	11.833 ug/L #	11
54) m,p-Xylene	11.83	106	3958	0.484 ug/L	70
59) 1,2,3-Trichloropropane	13.56	75	12119	4.247 ug/L	90

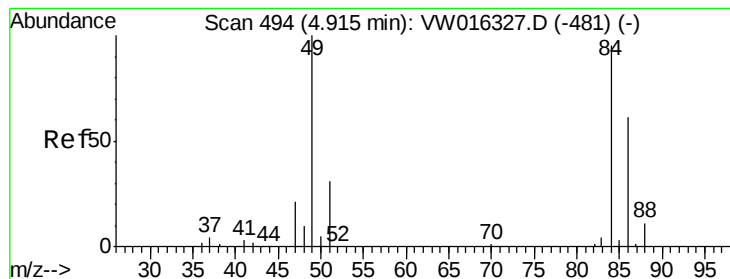
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082420\
Data File : VW016329.D
Acq On : 24 Aug 2020 14:42
Operator : SY/VA
Sample : L3782-04
Misc : 6.80G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFSK1

Quant Time: Aug 25 15:03:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 25 15:01:07 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 4.398 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016329.D

Acq: 24 Aug 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

BFSK1

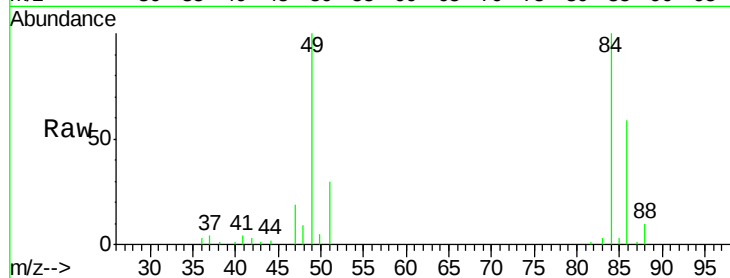
Tgt Ion: 84 Resp: 27922

Ion Ratio Lower Upper

84 100

49 99.6 75.3 139.9

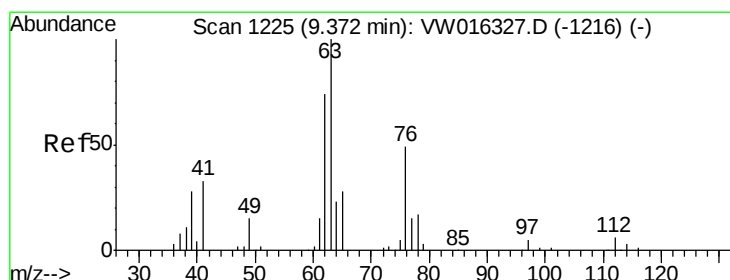
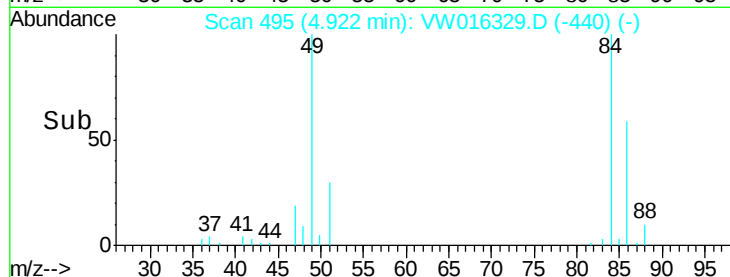
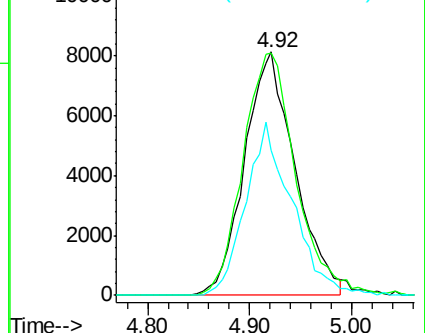
86 59.4 43.3 80.3



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#40

1,2-Dichloropropane

Concen: 2.664 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016329.D

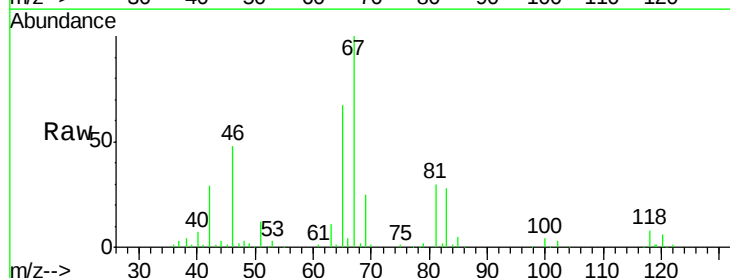
Acq: 24 Aug 2020 14:42

Tgt Ion: 63 Resp: 10658

Ion Ratio Lower Upper

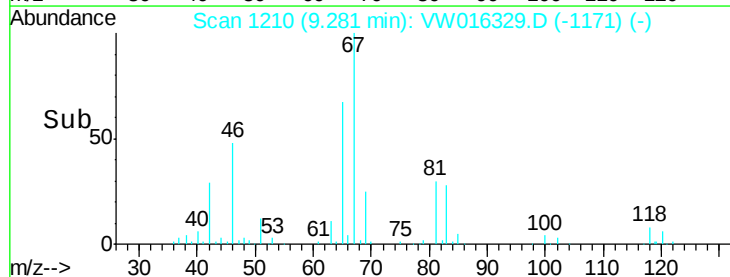
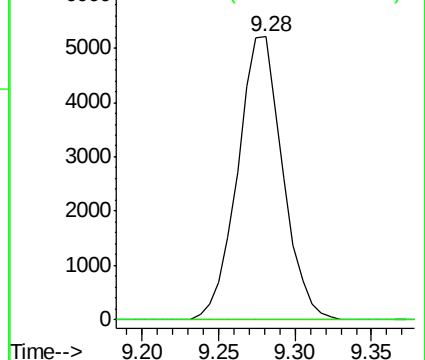
63 100

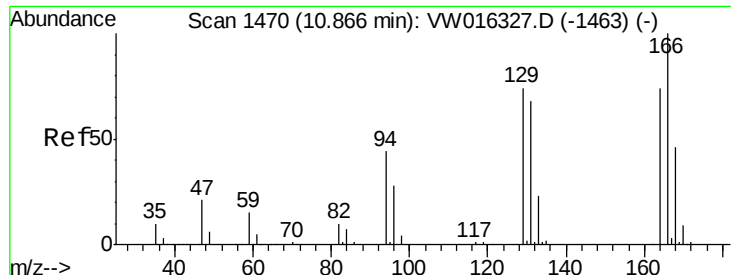
112 0.0 4.4 6.6#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#47

Tetrachloroethene

Concen: 13.091 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016329.D

Acq: 24 Aug 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

BFSK1

Tgt Ion:164 Resp: 49721

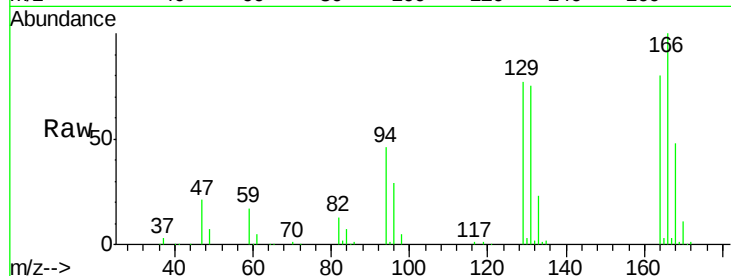
Ion Ratio Lower Upper

164 100

129 96.6 71.5 132.7

131 93.9 67.4 125.2

166 125.7 92.5 171.9

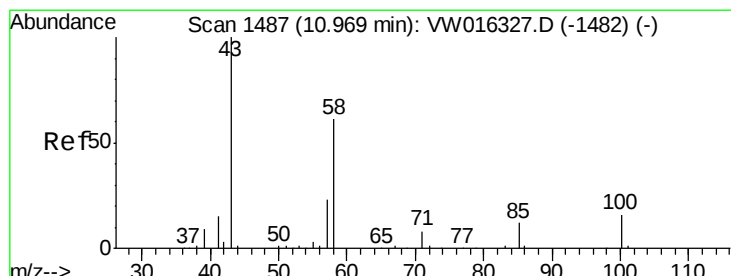
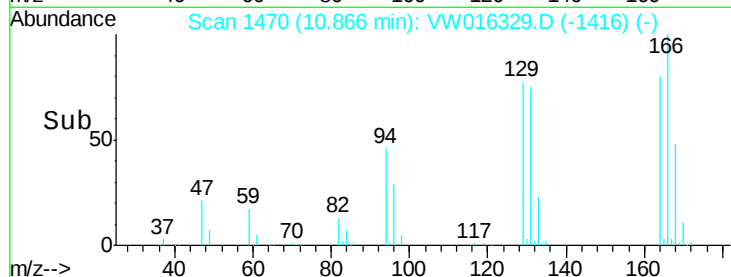
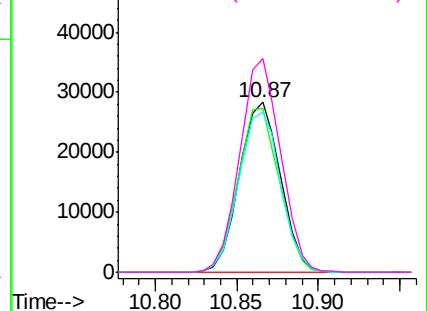


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 2.758 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016329.D

Acq: 24 Aug 2020 14:42

Tgt Ion: 43 Resp: 4273

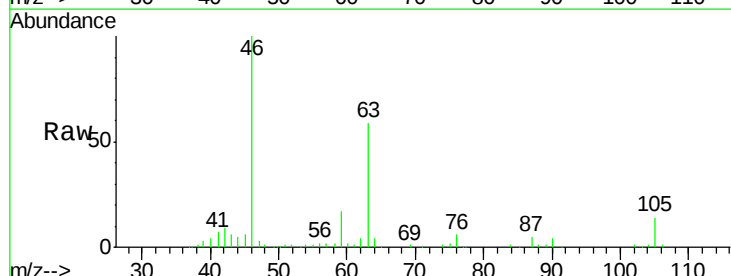
Ion Ratio Lower Upper

43 100

58 23.5 49.5 74.3#

57 23.7 17.7 26.5

100 0.0 12.9 19.3#

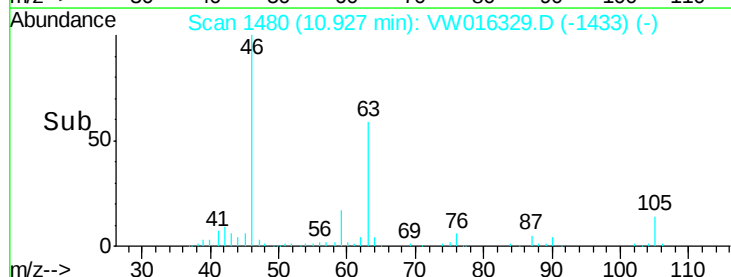
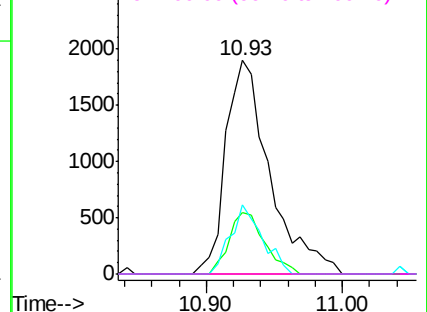


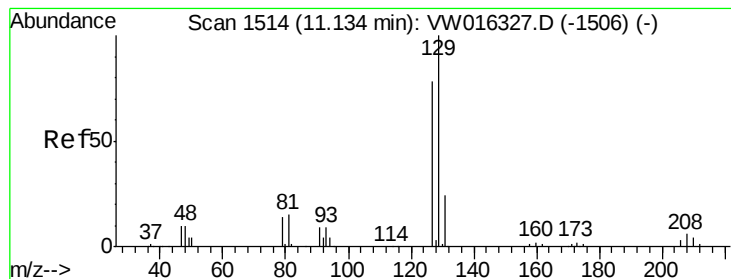
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 11.833 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW016329.D

Acq: 24 Aug 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

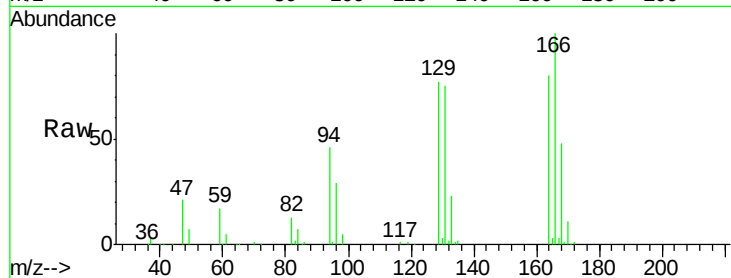
BFSK1

Tgt Ion:129 Resp: 48659

Ion Ratio Lower Upper

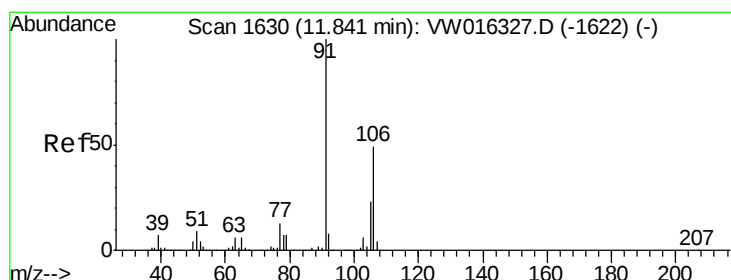
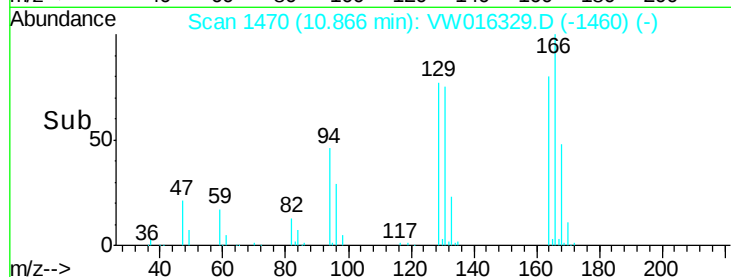
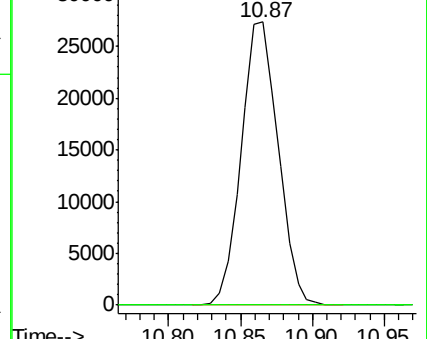
129 100

127 0.0 53.8 99.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

m,p-Xylene

Concen: 0.484 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW016329.D

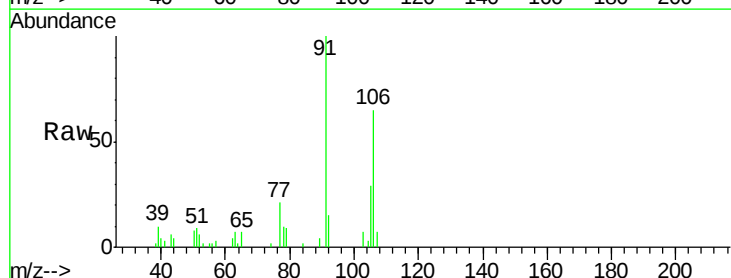
Acq: 24 Aug 2020 14:42

Tgt Ion:106 Resp: 3958

Ion Ratio Lower Upper

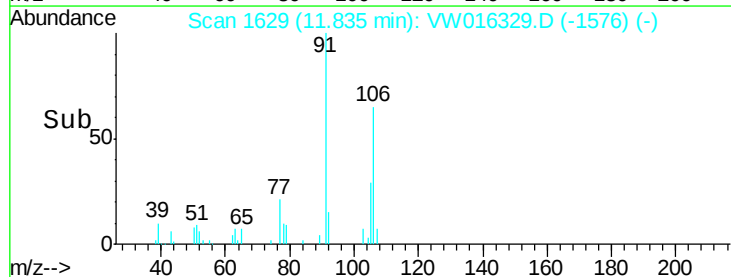
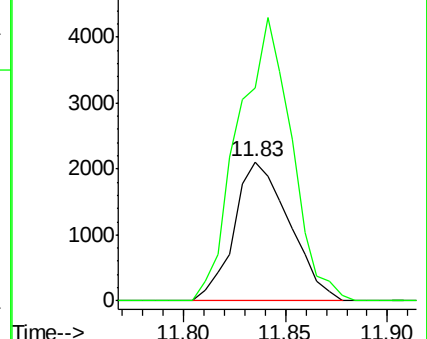
106 100

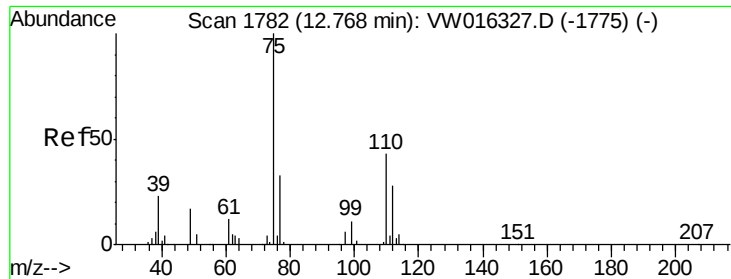
91 153.3 138.8 257.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV





#59

1,2,3-Trichloropropane

Concen: 4.247 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016329.D

Acq: 24 Aug 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

BFSK1

Tgt Ion: 75 Resp: 12119

Ion Ratio Lower Upper

75 100

77 39.4 27.1 40.7

