

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019494.D
 Acq On : 07 Dec 2020 16:20
 Operator : SY/MD
 Sample : VV1207MBL01
 Misc : 5.0µ/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK96

Quant Time: Dec 08 03:05:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 03:05:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	328068	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320130	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139310	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106963	52.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.74%
7) Chloroethane-d5	1.58	69	102344	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.78%
11) 1,1-Dichloroethene-d2	2.12	63	194051	41.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.12%
21) 2-Butanone-d5	3.90	46	152206	97.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	4.37	84	239654	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
26) 1,2-Dichloroethane-d4	5.05	65	170054	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.98%
32) Benzene-d6	5.07	84	472251	52.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.58%
36) 1,2-Dichloropropane-d6	6.09	67	161223	52.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.86%
41) Toluene-d8	7.33	98	395439	51.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.44%
43) trans-1,3-Dichloropropene-	7.64	79	71450	49.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.30%
47) 2-Hexanone-d5	8.11	63	79931	89.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.47%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	166282	46.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.64	152	140089	55.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.86%

Target Compounds

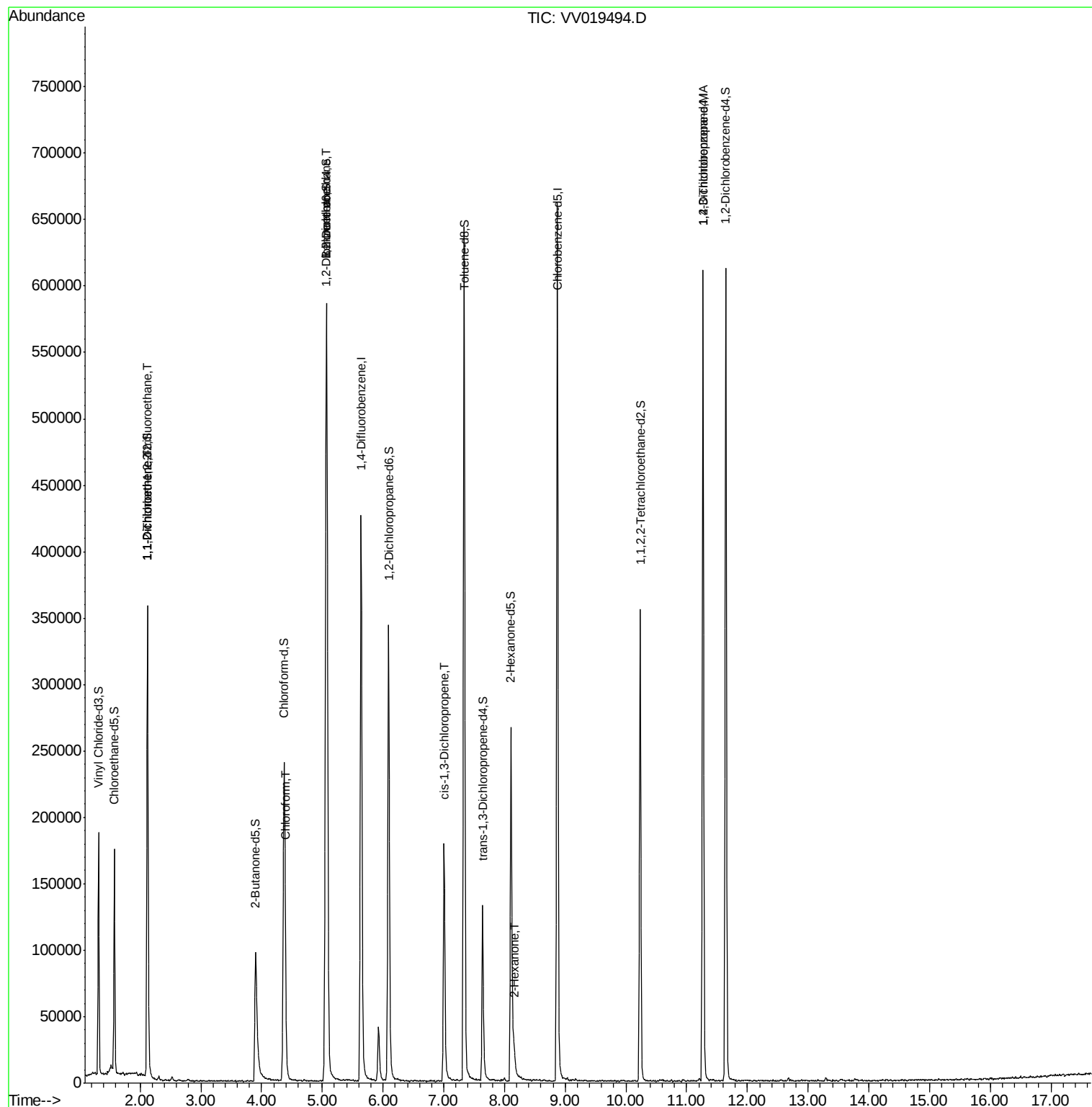
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1647	0.883	ug/L #	27
12) 1,1-Dichloroethene	2.12	96	1499	0.857	ug/L #	1
25) Chloroform	4.40	83	4091	0.885	ug/L	81
27) 1,2-Dichloroethane	5.07	62	3212	0.852	ug/L	97
39) cis-1,3-Dichloropropene	7.00	75	4912	1.292	ug/L #	55
48) 2-Hexanone	8.16	43	12723	3.943	ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	20705	6.174	ug/L	89

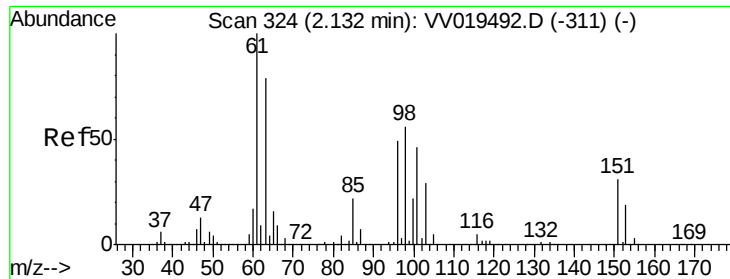
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
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VBLK96

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 08 03:05:02 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.883 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019494.D

Acq: 07 Dec 2020 16:20

Instrument :

MSVOA_V

ClientSampleId :

VBLK96

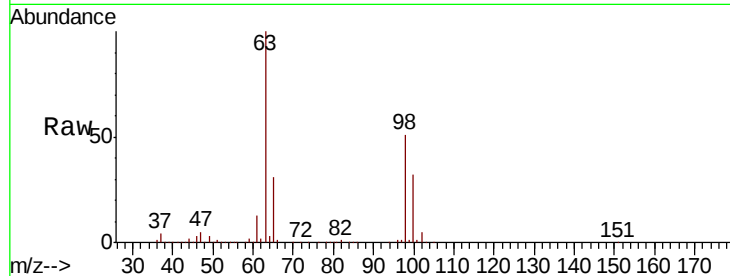
Tot Ion:101 Resp: 1647

Ion Ratio Lower Upper

101 100

85 4.1 37.3 55.9#

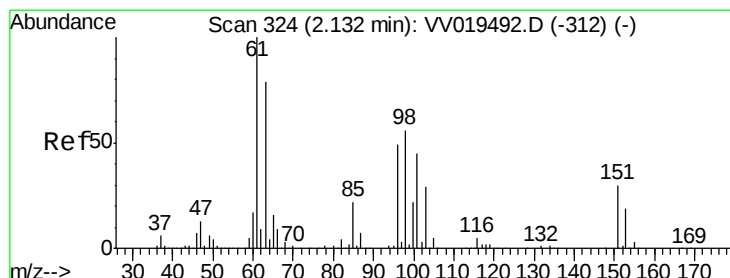
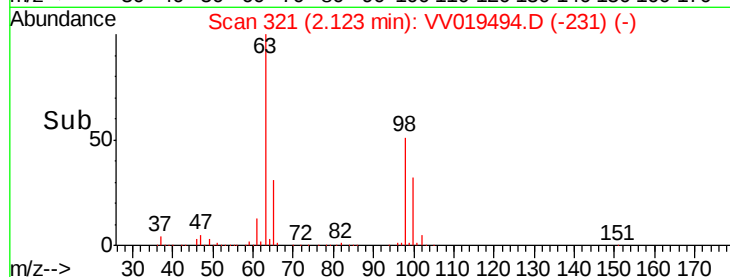
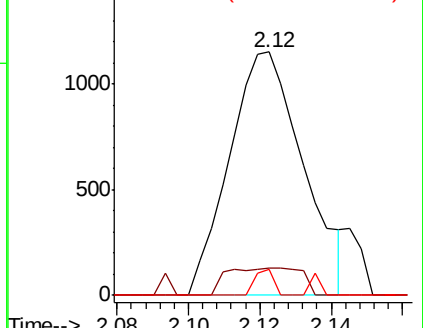
151 2.7 53.3 79.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.857 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019494.D

Acq: 07 Dec 2020 16:20

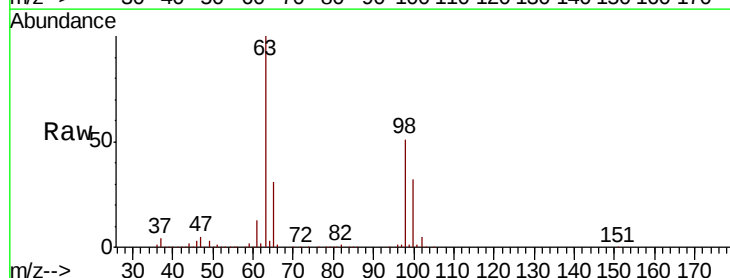
Tgt Ion: 96 Resp: 1499

Ion Ratio Lower Upper

96 100

61 1684.1 144.8 268.8#

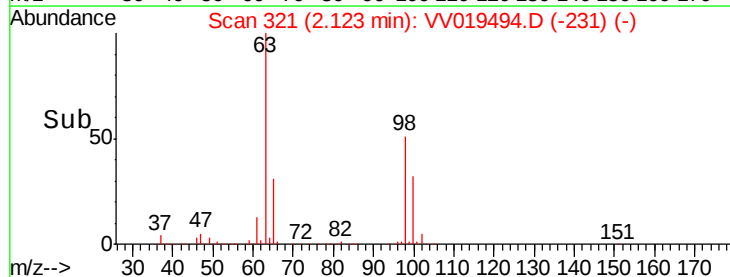
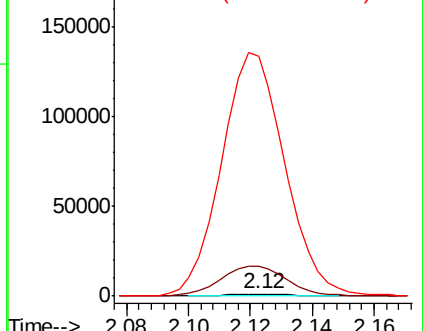
63 13250.8 110.0 204.2#

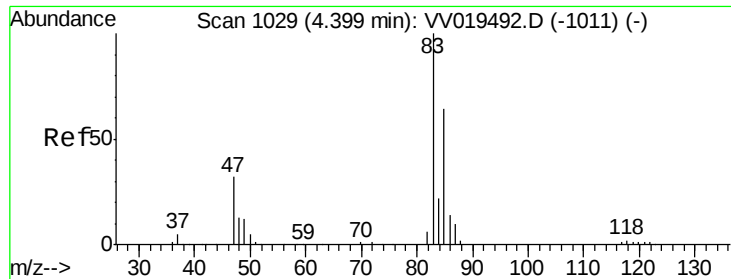


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

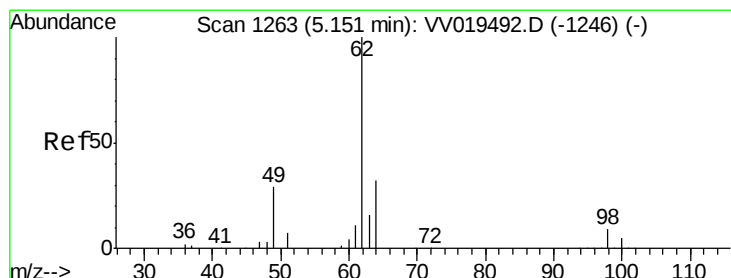
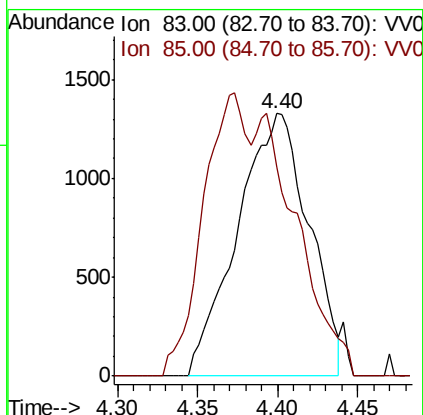
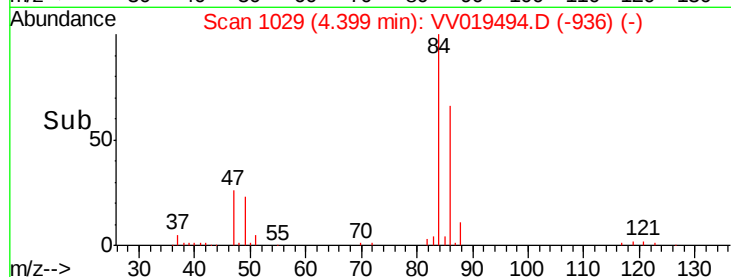
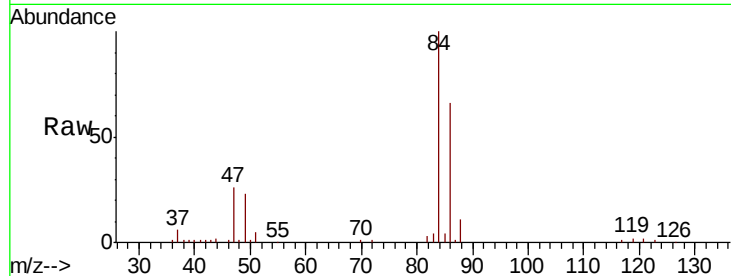




#25
Chloroform
Concen: 0.885 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV019494.D
Acq: 07 Dec 2020 16:20

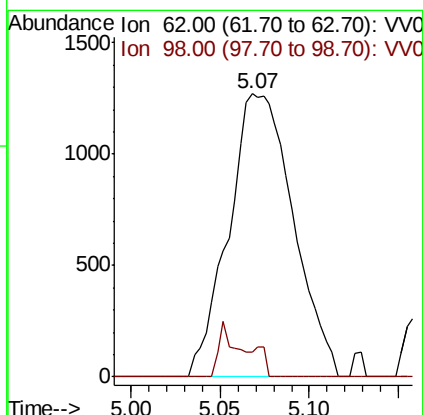
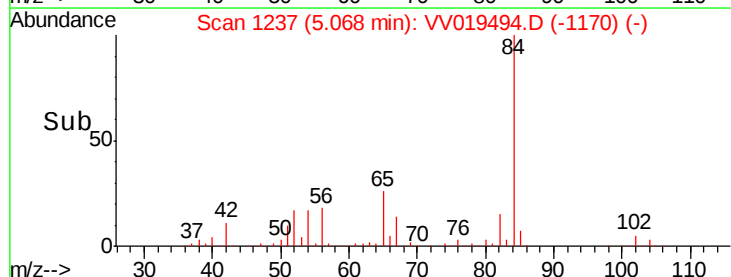
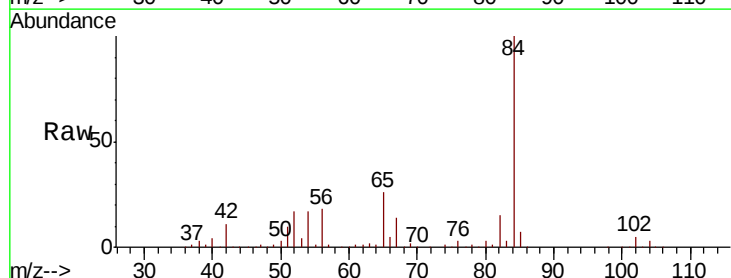
Instrument :
MSVOA_V
ClientSampleId :
VBLK96

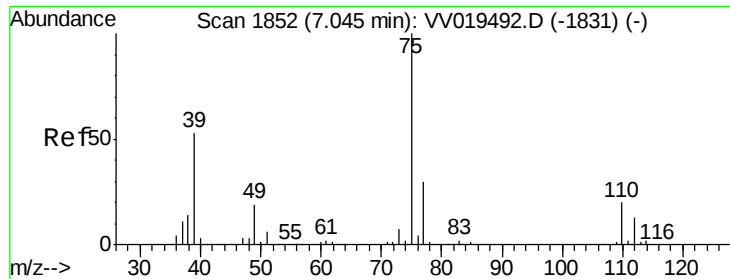
Tot Ion: 83 Resp: 4091
Ion Ratio Lower Upper
83 100
85 80.0 45.4 84.2



#27
1,2-Dichloroethane
Concen: 0.852 ug/L
RT: 5.07 min Scan# 1237
Delta R.T. -0.08 min
Lab File: VV019494.D
Acq: 07 Dec 2020 16:20

Tgt Ion: 62 Resp: 3212
Ion Ratio Lower Upper
62 100
98 9.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 1.292 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.04 min

Lab File: VV019494.D

Acq: 07 Dec 2020 16:20

Instrument :

MSVOA_V

ClientSampleId :

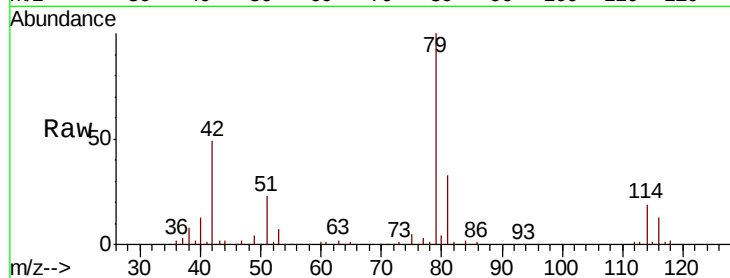
VBLK96

Tot Ion: 75 Resp: 4912

Ion Ratio Lower Upper

75 100

77 55.2 21.4 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

3000

2500

2000

1500

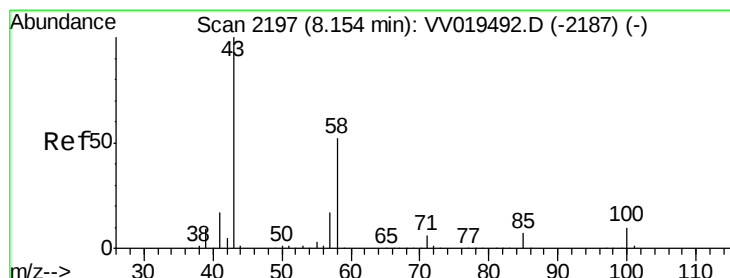
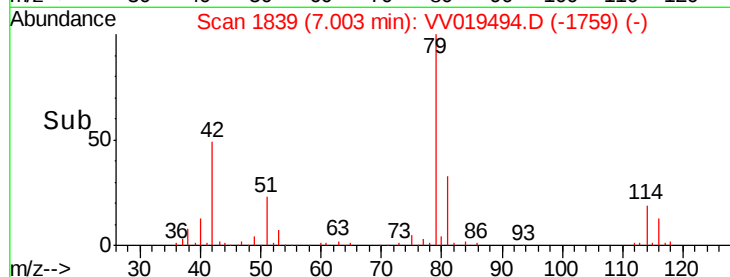
1000

500

0

6.95 7.00 7.05

Time-->



#48

2-Hexanone

Concen: 3.943 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV019494.D

Acq: 07 Dec 2020 16:20

Tgt Ion: 43 Resp: 12723

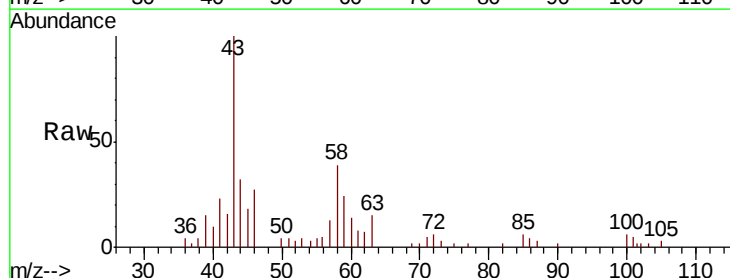
Ion Ratio Lower Upper

43 100

58 38.3 41.0 61.6#

57 2.7 14.2 21.2#

100 5.1 8.0 12.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

10000

8000

6000

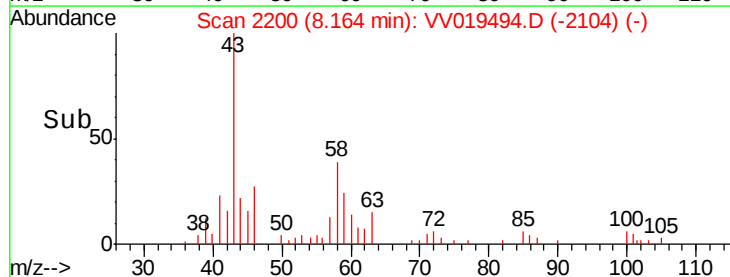
4000

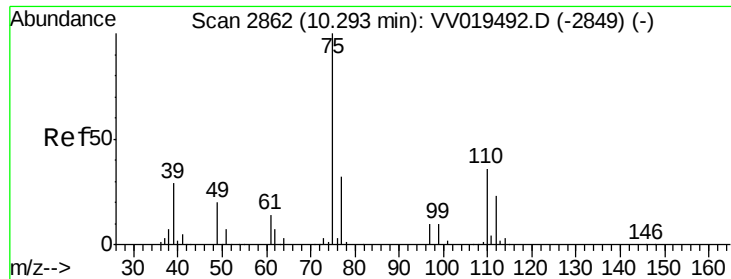
2000

0

8.10 8.15 8.20 8.25

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.174 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV019494.D

Acq: 07 Dec 2020 16:20

Instrument :

MSVOA_V

ClientSampleId :

VBLK96

Tot Ion: 75 Resp: 20705

Ion Ratio Lower Upper

75 100

77 38.1 25.5 38.3

