

Data File : VV014050.D
Acq On : 13 Dec 2019 13:50
Operator : SY/MD
Sample : K6200-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFF07

Quant Time: Dec 14 03:27:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 14 03:25:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	344085	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	362968	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145765	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107563	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.58	69	99183	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.13	63	132434	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.93	46	269775	60.93	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.86%
24) Chloroform-d	4.40	84	194519	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.08	65	106072	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	375855	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
36) 1,2-Dichloropropane-d6	6.12	67	123093	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.36	98	283973	3.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.60%#
43) trans-1,3-Dichloropropene-	7.66	79	41173	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.13	63	149671	37.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96209	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	126917	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1458	0.077	ug/L #	34
14) Carbon disulfide	2.32	76	1961	0.051	ug/L #	93
25) Chloroform	4.42	83	18900	0.478	ug/L	86
27) 1,2-Dichloroethane	5.09	62	2223	0.098	ug/L	99
35) Methylcyclohexane	6.12	83	30974	0.945	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	13332	0.583	ug/L #	89
44) trans-1,3-Dichloropropene	7.66	75	2047	0.081	ug/L	99
48) 2-Hexanone	8.18	43	25577	2.684	ug/L #	83

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

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ALS Vial      : 6      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
BFF07

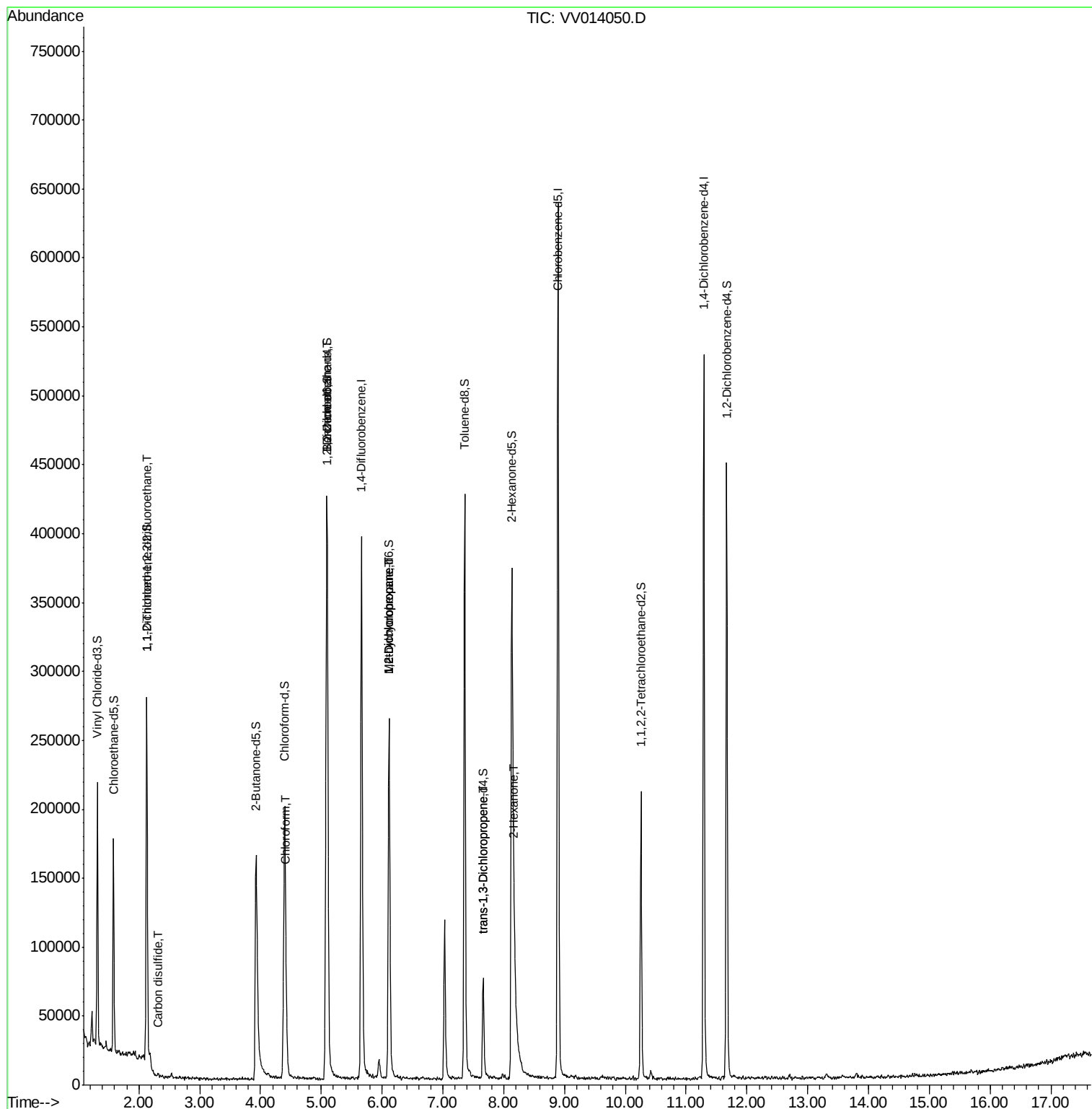
Quant Time: Dec 14 03:27:53 2019

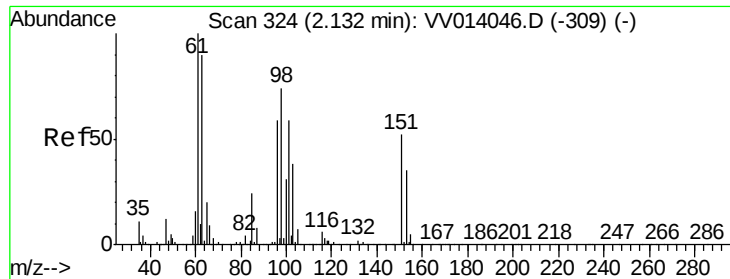
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR112219WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Sat Dec 14 03:25:09 2019

Response via : Initial Calibration





#10

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

Concen: 0.077 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

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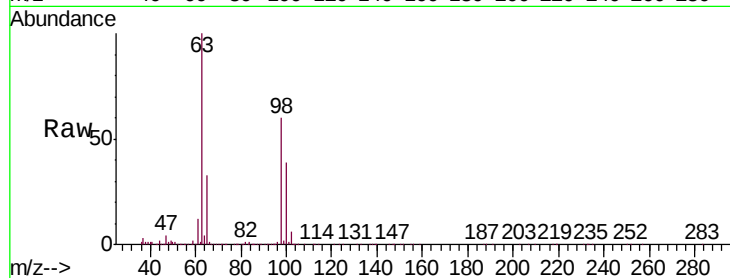
Tgt Ion:101 Resp: 1458

Ion Ratio Lower Upper

101 100

85 31.6 33.4 50.0#

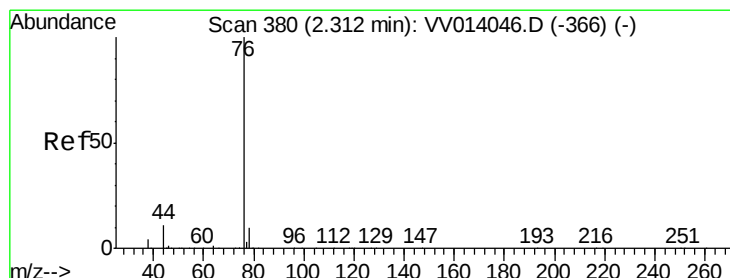
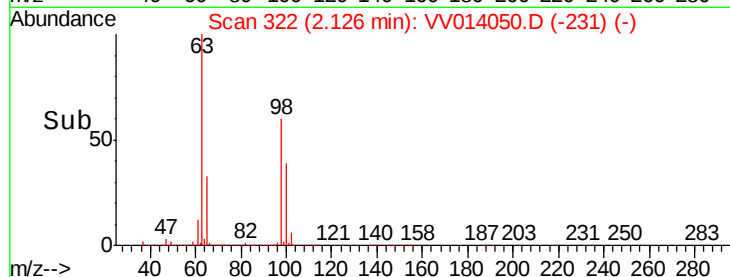
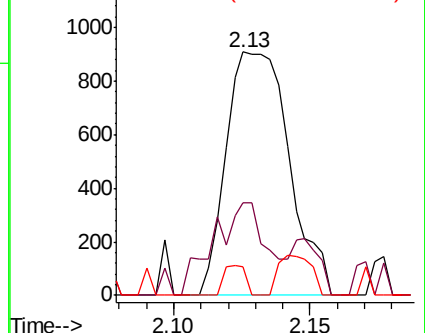
151 4.3 69.4 104.0#



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



#14

Carbon disulfide

Concen: 0.051 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV014050.D

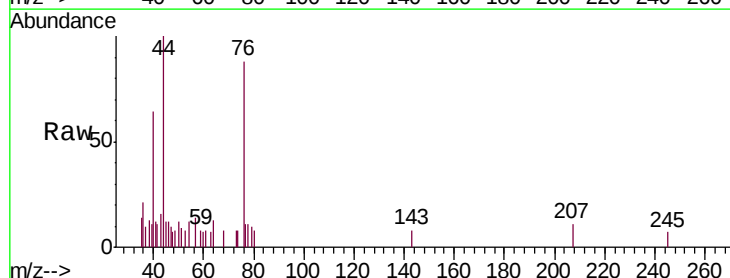
Acq: 13 Dec 2019 13:50

Tgt Ion: 76 Resp: 1961

Ion Ratio Lower Upper

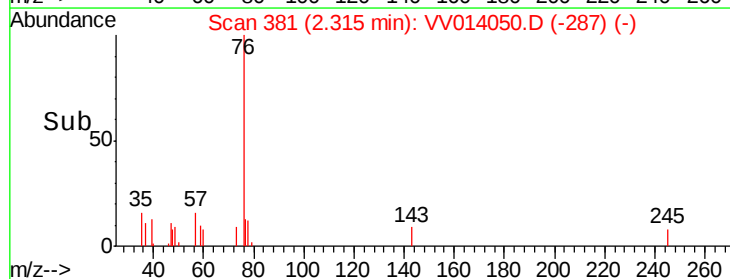
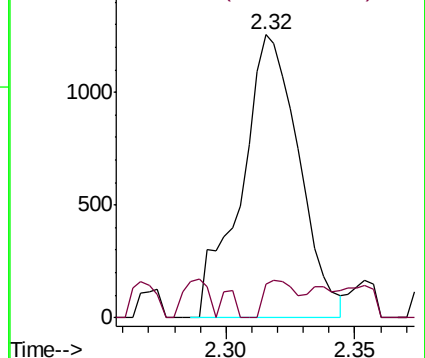
76 100

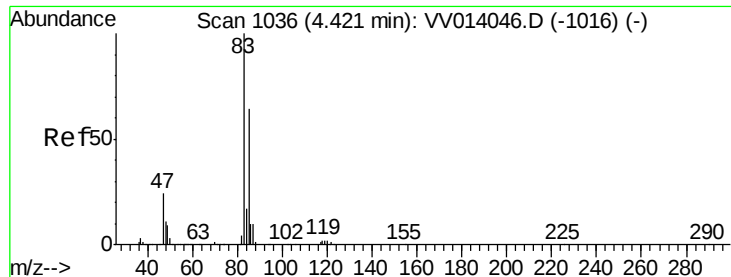
78 12.0 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





#25

Chloroform

Concen: 0.478 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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ClientSampleId :

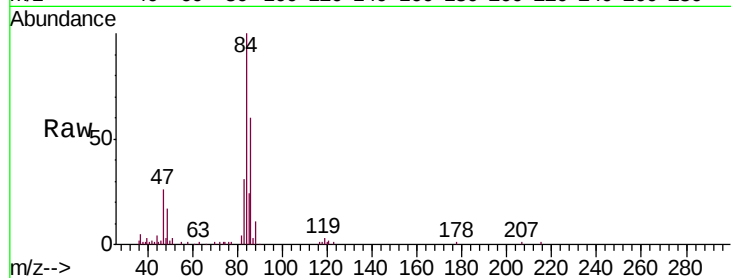
BFF07

Tgt Ion: 83 Resp: 18900

Ion Ratio Lower Upper

83 100

85 75.4 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV014046.D (-1016) (-)

Ion 85.00 (84.70 to 85.70): VV014050.D (-943) (-)

8000

6000

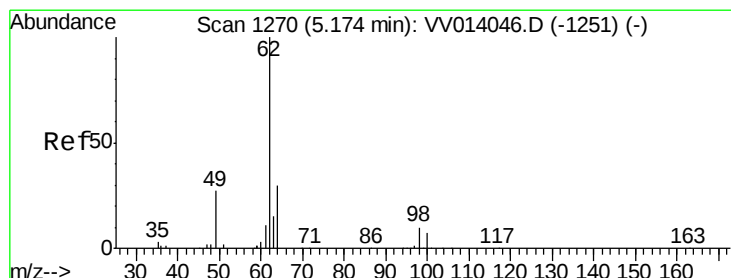
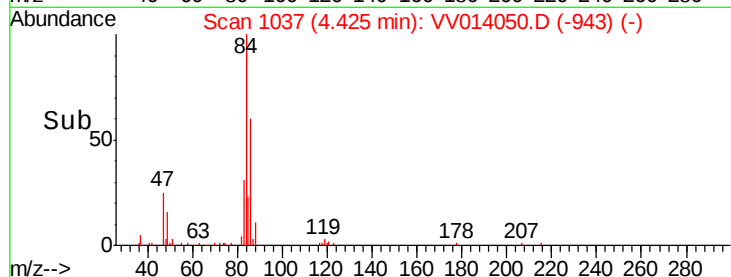
4000

2000

0

4.35 4.40 4.45 4.50

Time-->



#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV014050.D

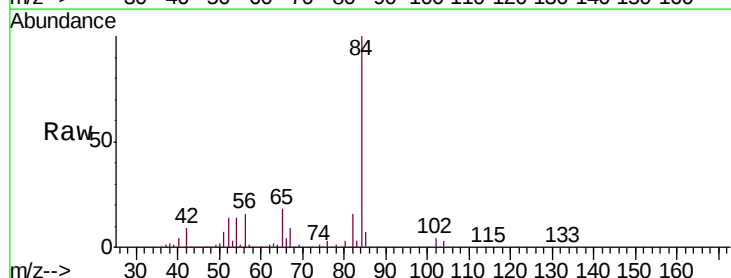
Acq: 13 Dec 2019 13:50

Tgt Ion: 62 Resp: 2223

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.2



Abundance Ion 62.00 (61.70 to 62.70): VV014046.D (-1251) (-)

Ion 98.05 (97.75 to 98.75): VV014050.D (-1177) (-)

1200

1000

800

600

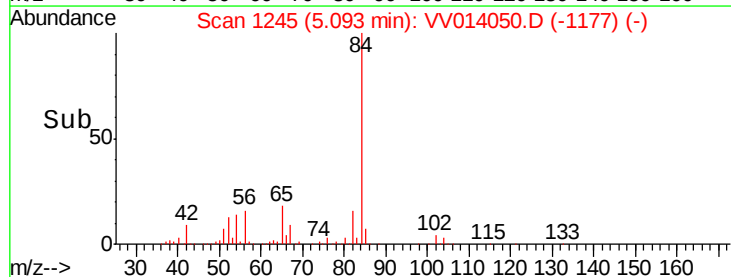
400

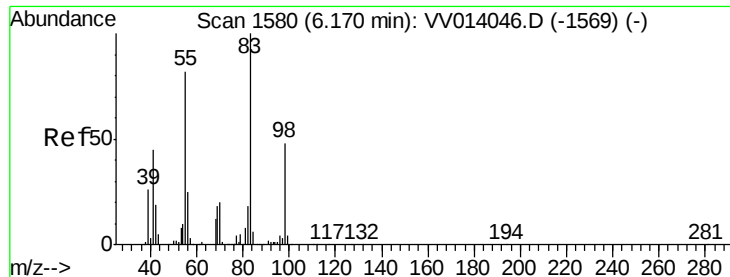
200

0

5.05 5.10 5.15

Time-->





#35

Methylcyclohexane

Concen: 0.945 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014050.D

Acq: 13 Dec 2019 13:50

Instrument :

MSVOA_V

ClientSampleId :

BFF07

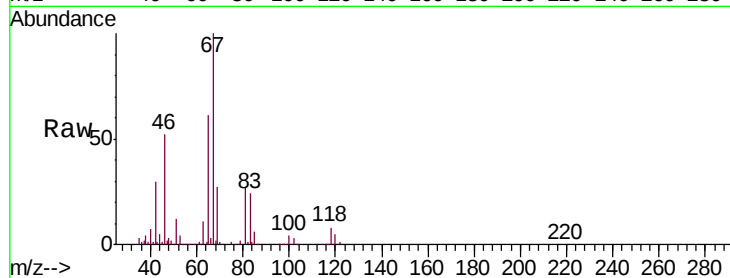
Tgt Ion: 83 Resp: 30974

Ion Ratio Lower Upper

83 100

55 1.0 60.3 90.5#

98 0.7 38.1 57.1#

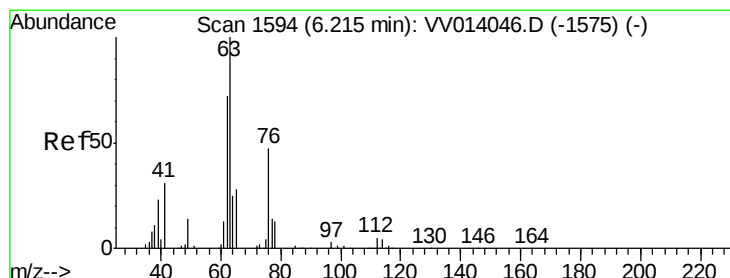
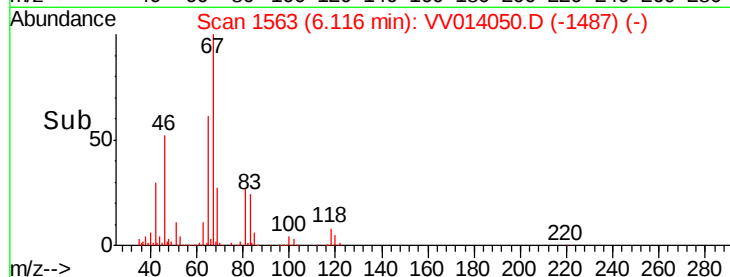


Abundance Ion 83.15 (82.85 to 83.85): VV014046.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV014046.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV014046.D (-1569) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV014050.D

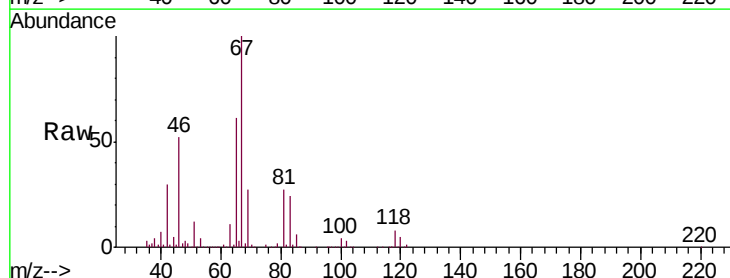
Acq: 13 Dec 2019 13:50

Tgt Ion: 63 Resp: 13332

Ion Ratio Lower Upper

63 100

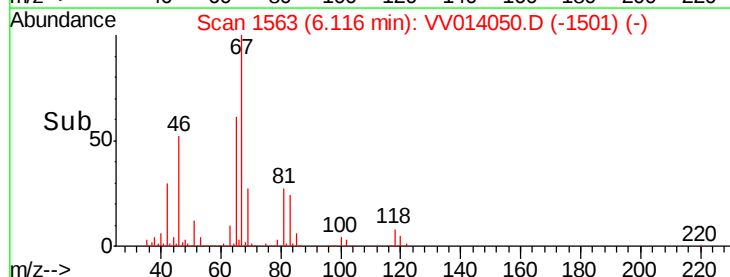
112 1.8 4.4 6.6#

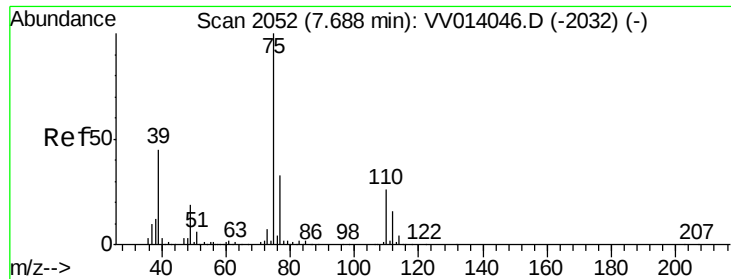


Abundance Ion 63.10 (62.80 to 63.80): VV014046.D (-1575) (-)

Ion 112.10 (111.80 to 112.80): VV014046.D (-1575) (-)

Time-->

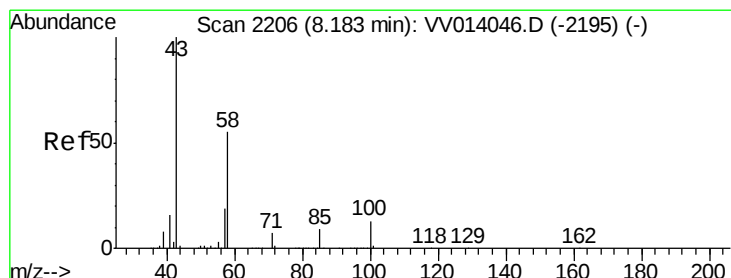
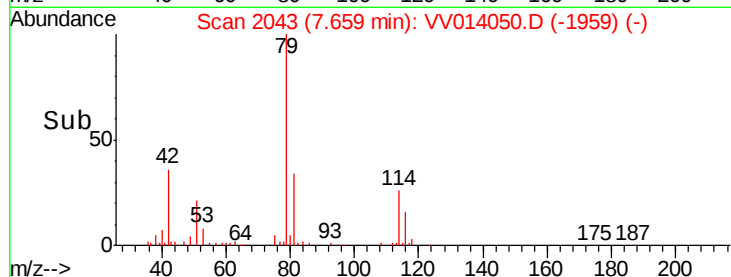
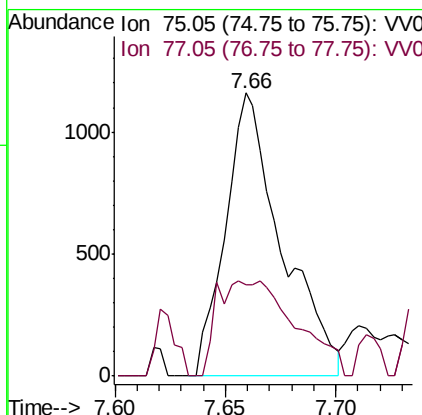
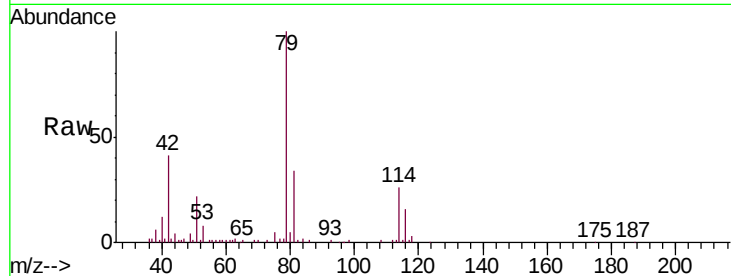




#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV014050.D
Acq: 13 Dec 2019 13:50

Instrument :
MSVOA_V
ClientSampleId :
BFF07

Tgt Ion: 75 Resp: 2047
Ion Ratio Lower Upper
75 100
77 32.4 23.0 42.8



#48
2-Hexanone
Concen: 2.684 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VV014050.D
Acq: 13 Dec 2019 13:50

Tgt Ion: 43 Resp: 25577
Ion Ratio Lower Upper
43 100
58 39.9 43.2 64.8#
57 16.5 15.4 23.2
100 5.4 10.4 15.6#

