

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\
 Data File : VV017677.D
 Acq On : 27 Jul 2020 14:42
 Operator : SY/MD
 Sample : L3459-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 04:56:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 28 04:52:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	167188	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164173	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33310	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	29427	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.12	63	57731	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.92	46	82167	43.02	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.04%
24) Chloroform-d	4.38	84	89906	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.06	65	47450	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.07	84	157273	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.09	67	43239	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.34	98	143824	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
45) trans-1,3-Dichloropropene-	7.64	79	18398	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
48) 2-Hexanone-d5	8.11	63	52844	37.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.80%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30567	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	61950	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

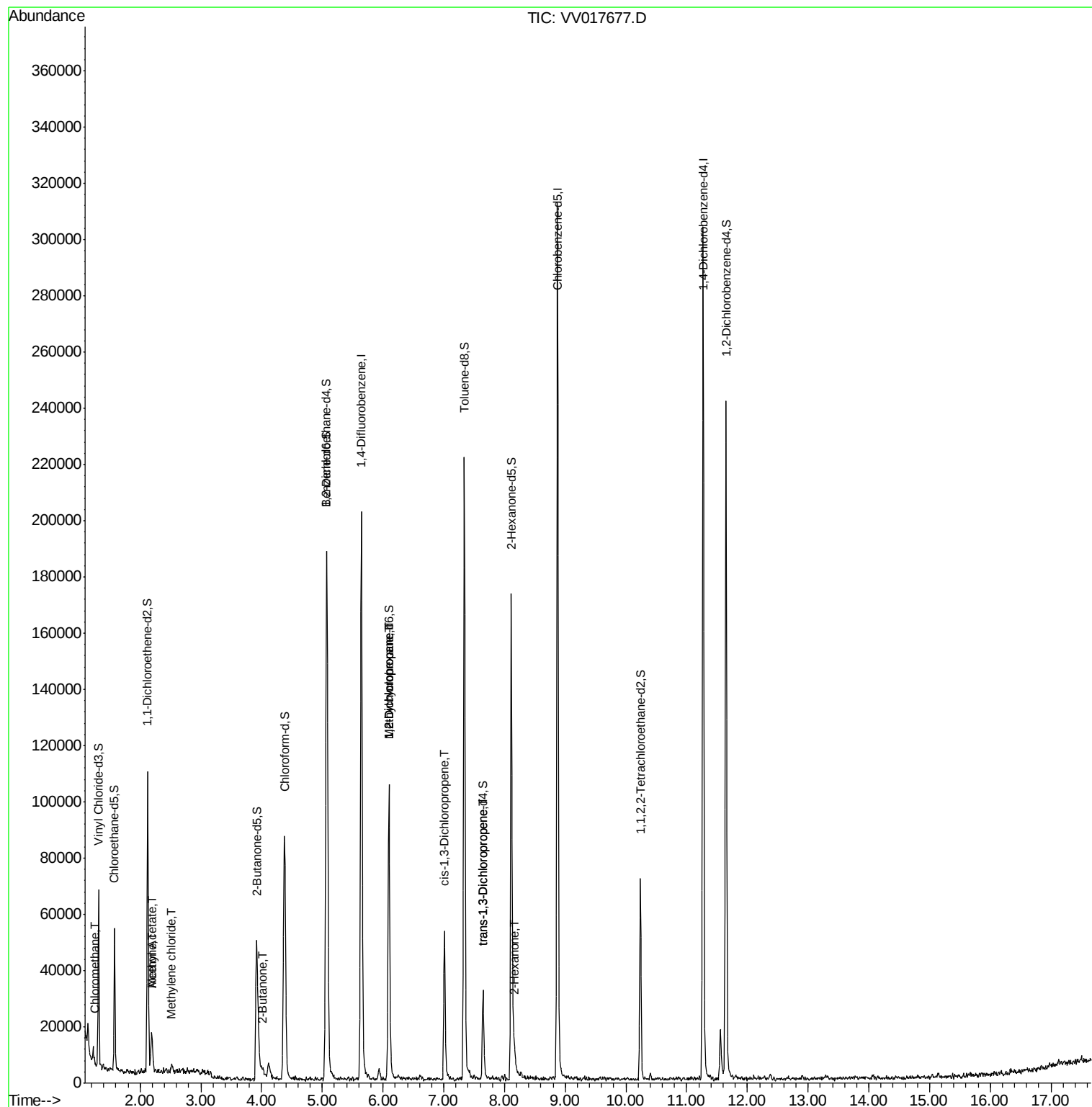
					Ovalue
3) Chloromethane	1.25	50	1337	0.112	ug/L 99
13) Acetone	2.19	43	20119	13.457	ug/L # 52
15) Methyl Acetate	2.19	43	19639	6.751	ug/L # 42
16) Methylene chloride	2.53	84	1094	0.109	ug/L 76
21) 2-Butanone	4.02	43	2319	0.919	ug/L 88
35) Methylcyclohexane	6.09	83	12482	0.636	ug/L # 19
37) 1,2-Dichloropropane	6.09	63	6422	0.588	ug/L # 86
39) cis-1,3-Dichloropropene	7.01	75	1723	0.105	ug/L # 75
46) trans-1,3-Dichloropropene	7.65	75	889	0.060	ug/L # 77
50) 2-Hexanone	8.17	43	3294	0.777	ug/L # 92

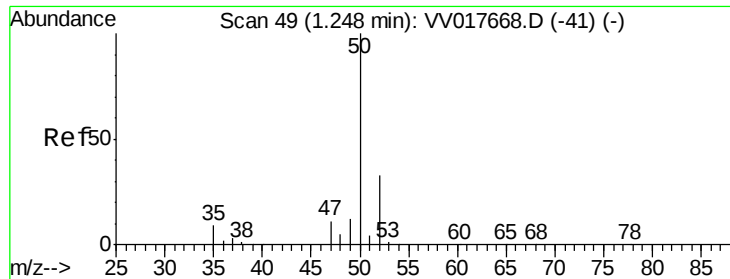
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.112 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017677.D

Acq: 27 Jul 2020 14:42

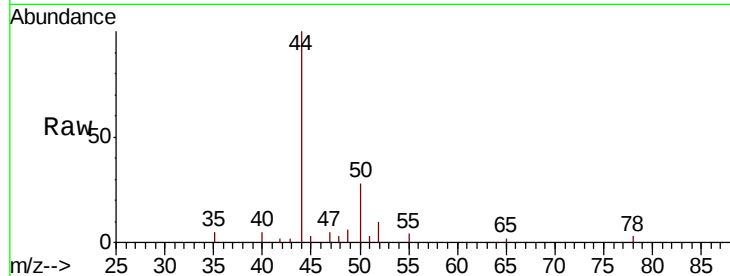
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 1337

Ion Ratio Lower Upper

50 100

52 35.1 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV017668.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV017668.D (-41) (-)

1.25

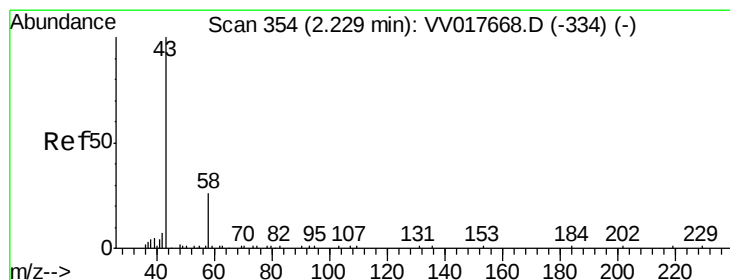
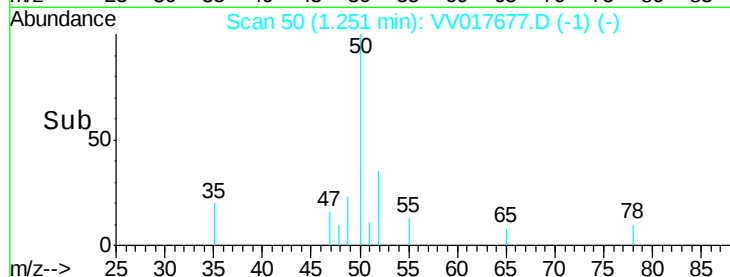
1000

500

0

1.22 1.24 1.26 1.28

Time-->



#13

Acetone

Concen: 13.457 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV017677.D

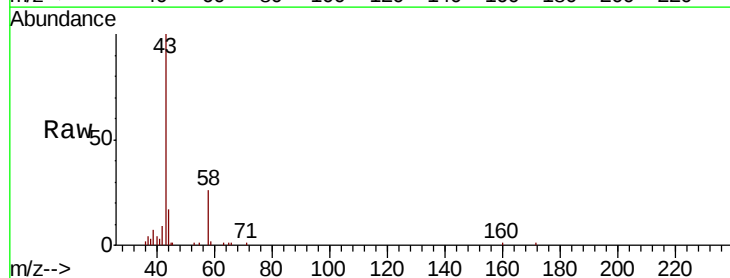
Acq: 27 Jul 2020 14:42

Tgt Ion: 43 Resp: 20119

Ion Ratio Lower Upper

43 100

58 26.6 0.0 18.6#



Abundance Ion 43.05 (42.75 to 43.75): VV017668.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV017668.D (-334) (-)

2.19

10000

8000

6000

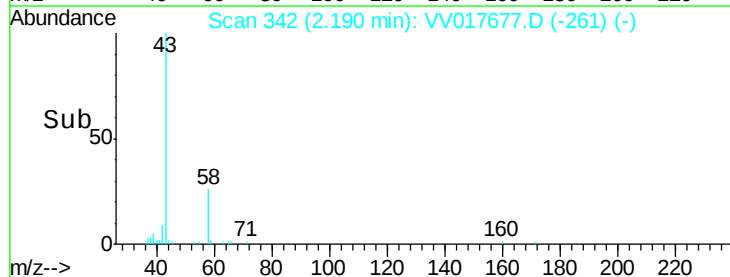
4000

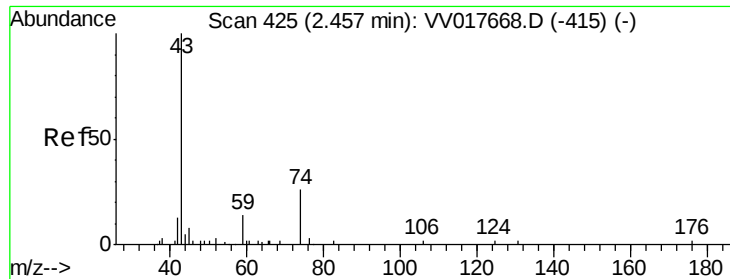
2000

0

2.10 2.15 2.20 2.25 2.30

Time-->

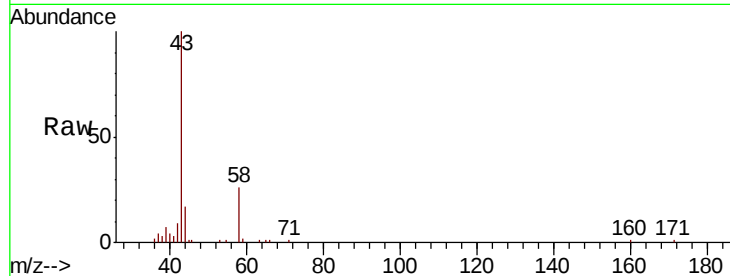




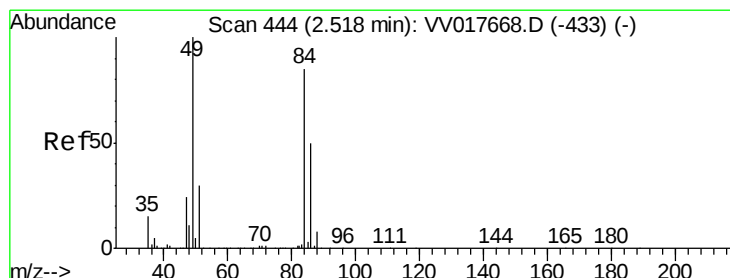
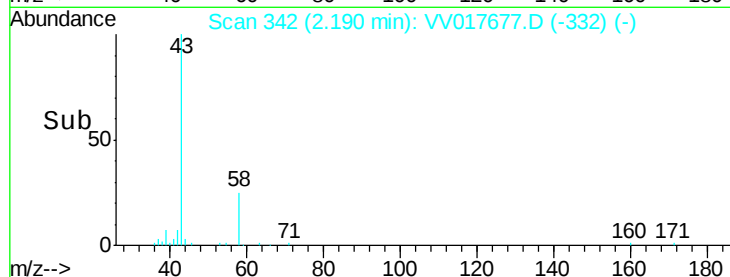
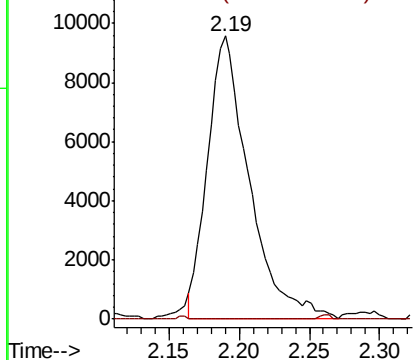
#15
Methyl Acetate
Concen: 6.751 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.27 min
Lab File: VV017677.D
Acq: 27 Jul 2020 14:42

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 19639
Ion Ratio Lower Upper
43 100
74 0.4 26.6 40.0#

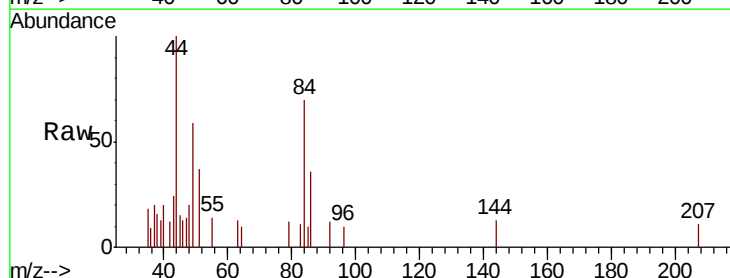


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 74.05 (73.75 to 74.75): VV0

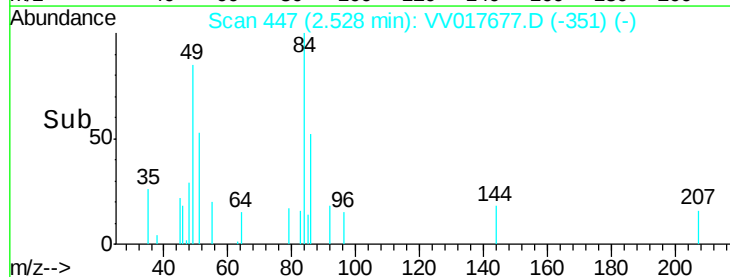
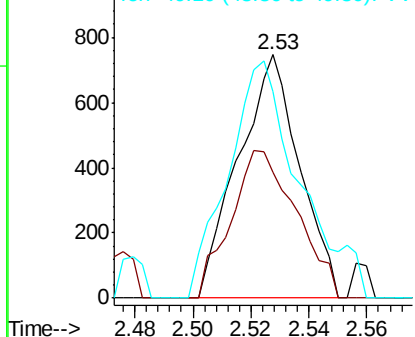


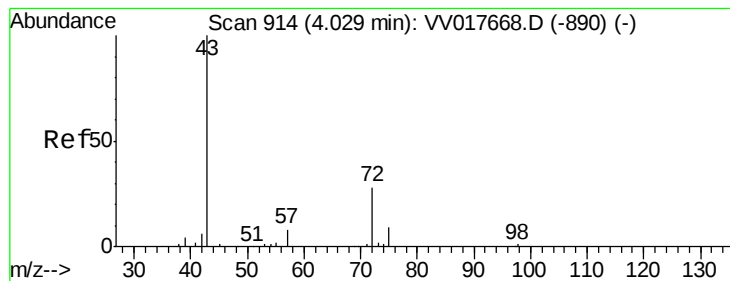
#16
Methylene chloride
Concen: 0.109 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017677.D
Acq: 27 Jul 2020 14:42

Tgt Ion: 84 Resp: 1094
Ion Ratio Lower Upper
84 100
86 51.5 46.5 86.3
49 84.7 79.2 147.2



Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0





#21

2-Butanone

Concen: 0.919 ug/L

RT: 4.02 min Scan# 910

Delta R.T. -0.01 min

Lab File: VV017677.D

Acq: 27 Jul 2020 14:42

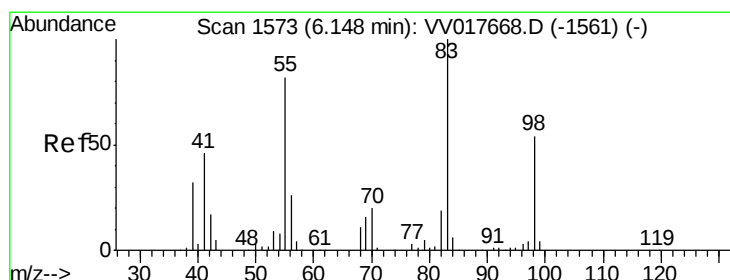
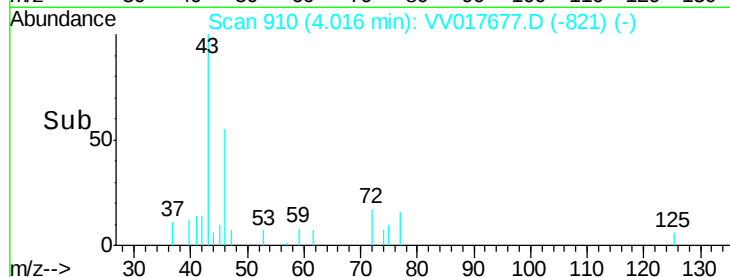
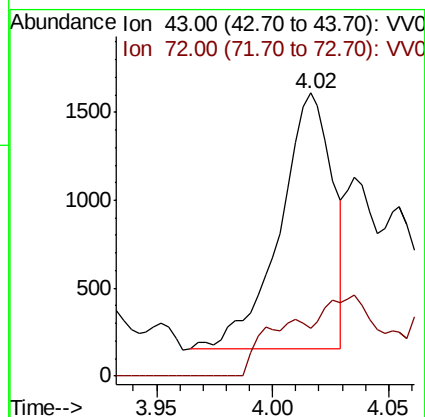
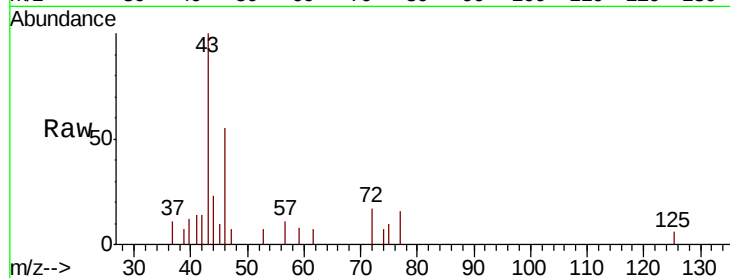
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2319

Ion Ratio Lower Upper

43 100

72 19.6 13.0 38.9



#35

Methylcyclohexane

Concen: 0.636 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.05 min

Lab File: VV017677.D

Acq: 27 Jul 2020 14:42

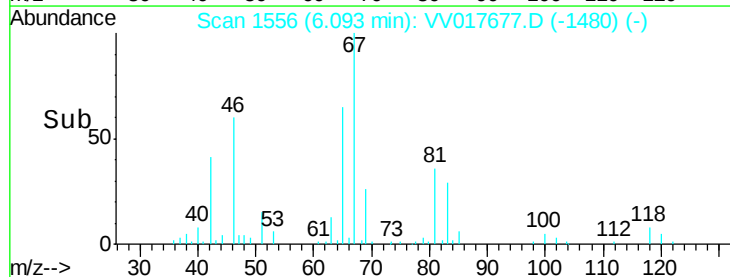
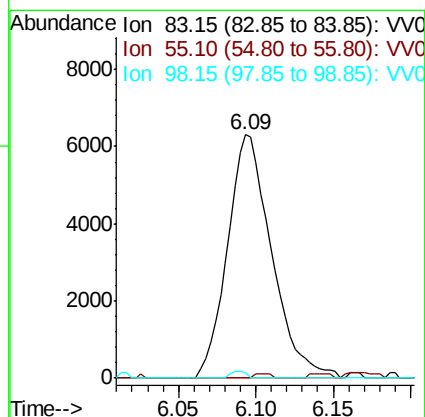
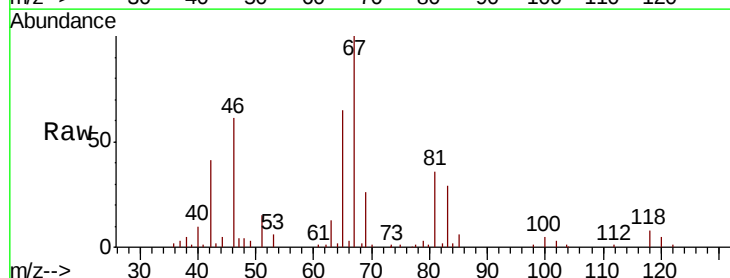
Tgt Ion: 83 Resp: 12482

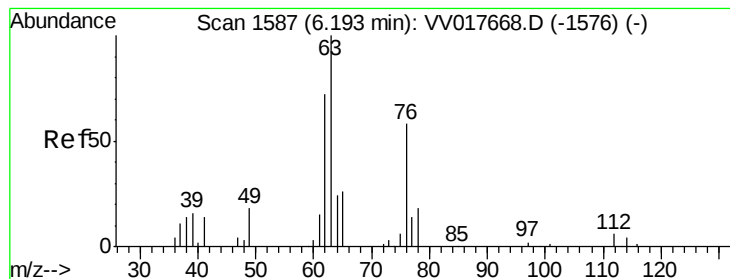
Ion Ratio Lower Upper

83 100

55 0.7 61.8 92.8#

98 1.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.588 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017677.D

Acq: 27 Jul 2020 14:42

Instrument :

MSVOA_V

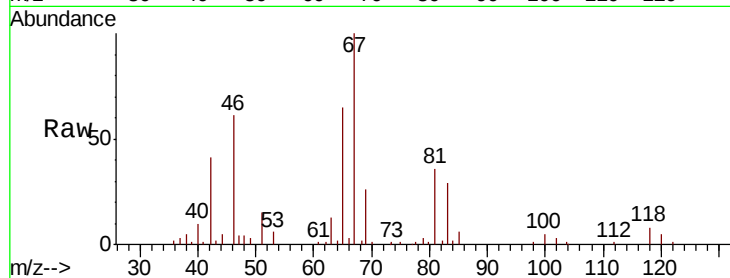
ClientSampleId :

Tot Ion: 63 Resp: 6422

Ion Ratio Lower Upper

63 100

112 0.7 4.5 6.7#



Abundance Ion 63.10 (62.80 to 63.80): VV017668.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV017668.D (-1576) (-)

6.09

3000

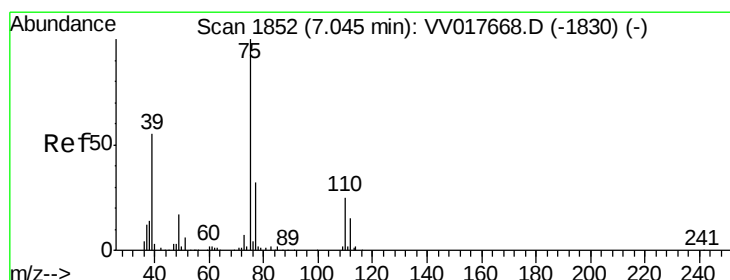
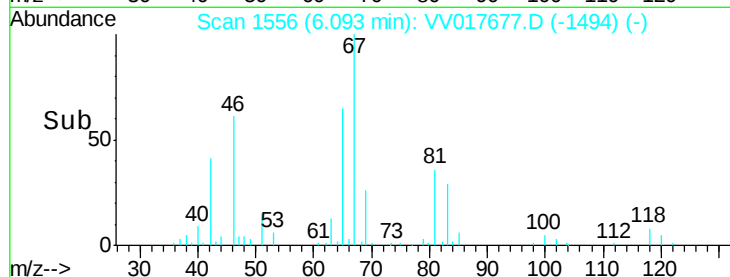
2000

1000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV017677.D

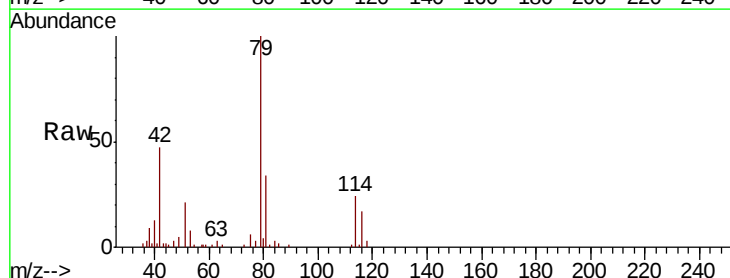
Acq: 27 Jul 2020 14:42

Tgt Ion: 75 Resp: 1723

Ion Ratio Lower Upper

75 100

77 47.1 23.2 43.2#



Abundance Ion 75.05 (74.75 to 75.75): VV017668.D (-1830) (-)

Ion 77.05 (76.75 to 77.75): VV017668.D (-1830) (-)

7.01

1200

1000

800

600

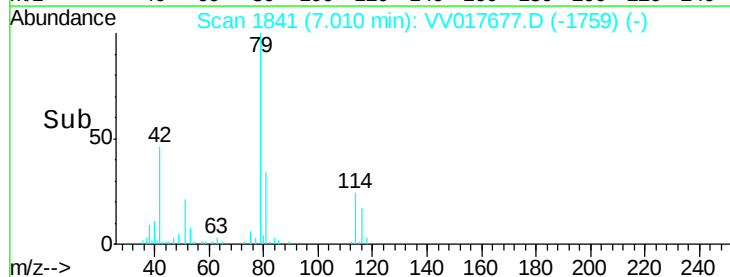
400

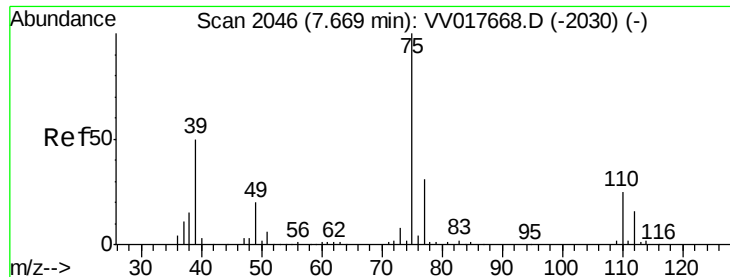
200

0

6.95 7.00 7.05

Time-->





#46

trans-1,3-Dichloropropene

Concen: 0.060 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV017677.D

Acq: 27 Jul 2020 14:42

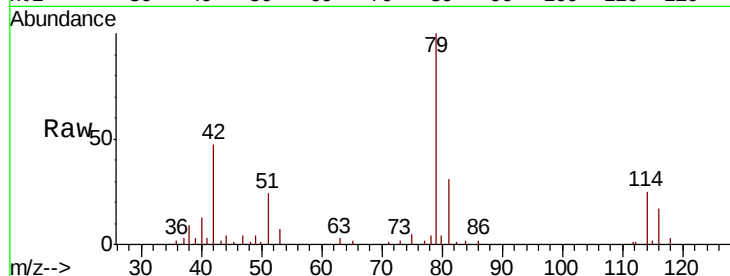
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 889

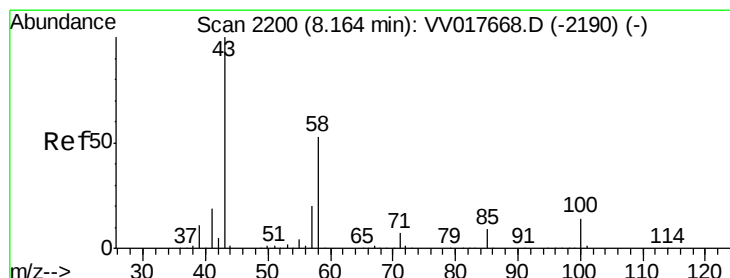
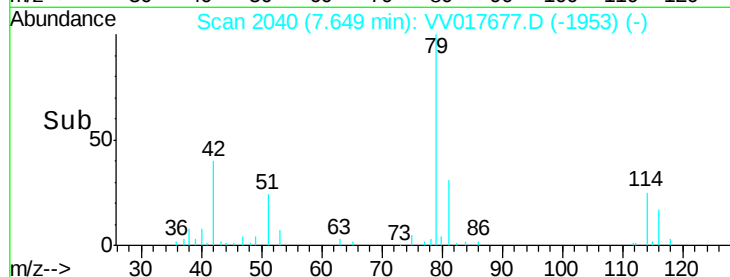
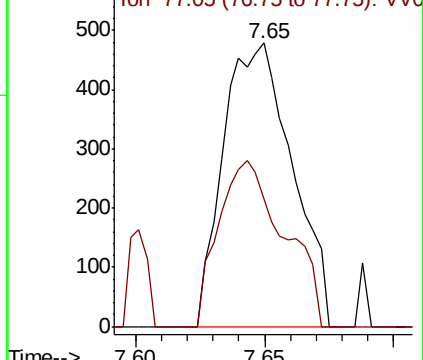
Ion Ratio Lower Upper

75 100

77 45.0 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV017668.D (-2030) (-)



#50

2-Hexanone

Concen: 0.777 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017677.D

Acq: 27 Jul 2020 14:42

Tgt Ion: 43 Resp: 3294

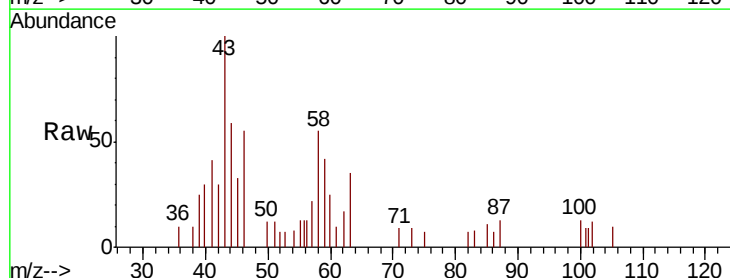
Ion Ratio Lower Upper

43 100

58 49.2 41.6 62.4

57 8.6 15.4 23.0#

100 14.3 11.2 16.8



Abundance Ion 43.05 (42.75 to 43.75): VV017668.D (-2190) (-)

Ion 58.05 (57.75 to 58.75): VV017668.D (-2190) (-)

Ion 57.20 (56.90 to 57.90): VV017668.D (-2190) (-)

Ion 100.15 (99.85 to 100.85): VV017668.D (-2190) (-)

