

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015845.D
 Acq On : 30 Apr 2020 19:42
 Operator : SY/MD
 Sample : L2431-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 01 01:48:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 01 01:42:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	114593	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	113599	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53205	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34553	5.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.40%
7) Chloroethane-d5	1.58	69	30696	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.12	63	50274	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.97	46	95099	49.46	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.92%
24) Chloroform-d	4.38	84	67826	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.06	65	40435	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.07	84	131838	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.10	67	41596	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.34	98	116574	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.65	79	13772	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.12	63	63650	38.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27125	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	41595	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

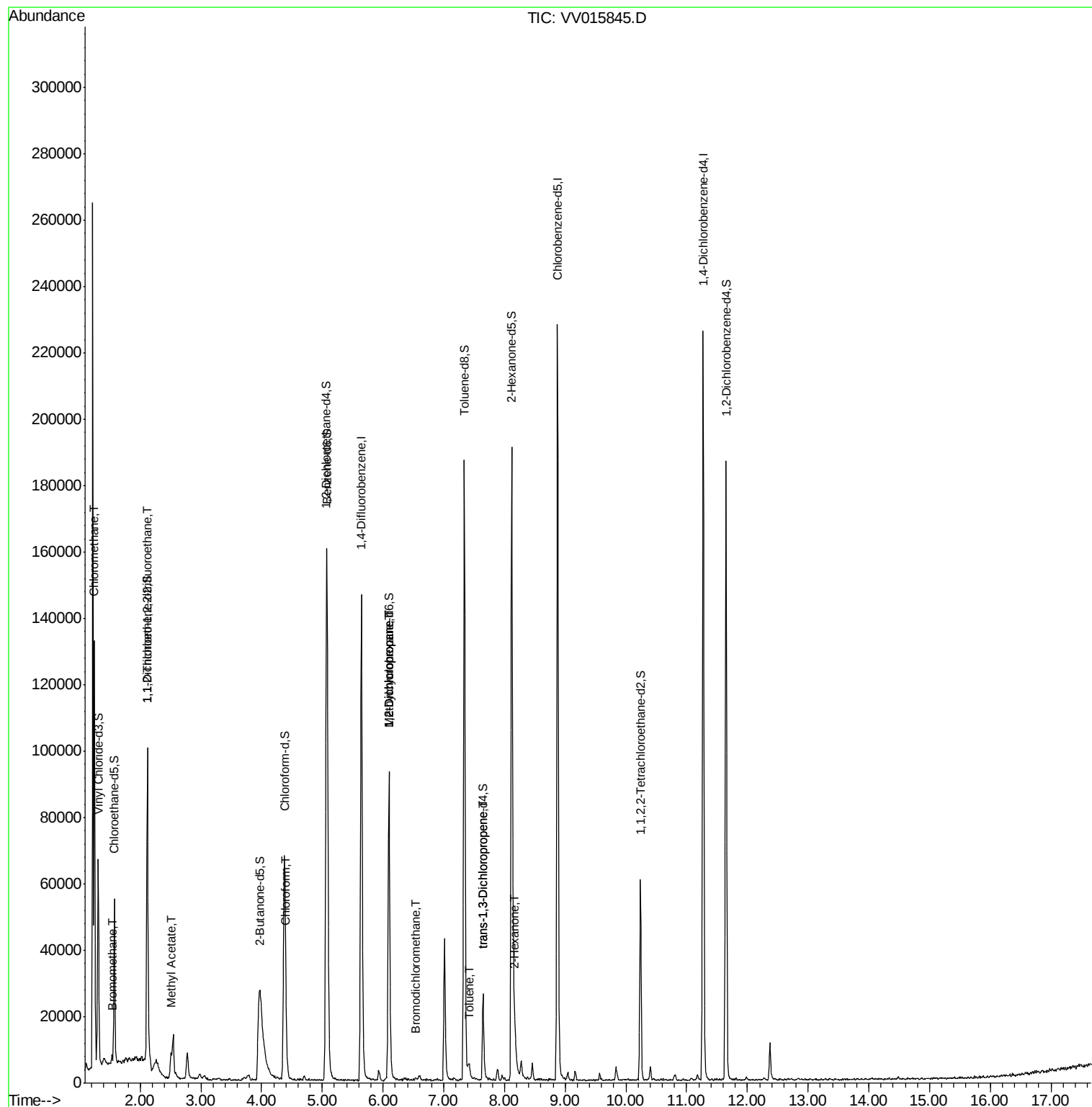
					Ovalue
3) Chloromethane	1.24	50	79705	9.387	ug/L 98
6) Bromomethane	1.53	94	850	0.218	ug/L 79
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	539	0.075	ug/L # 22
15) Methyl Acetate	2.51	43	3876	1.221	ug/L # 56
25) Chloroform	4.41	83	3167	0.203	ug/L 98
35) Methylcyclohexane	6.10	83	10153	0.738	ug/L # 16
37) 1,2-Dichloropropane	6.10	63	5598	0.679	ug/L # 86
38) Bromodichloromethane	6.53	83	492	0.047	ug/L # 97
42) Toluene	7.42	91	2431	0.070	ug/L 85
44) trans-1,3-Dichloropropene	7.65	75	767	0.079	ug/L # 62
48) 2-Hexanone	8.17	43	7114	1.863	ug/L # 92

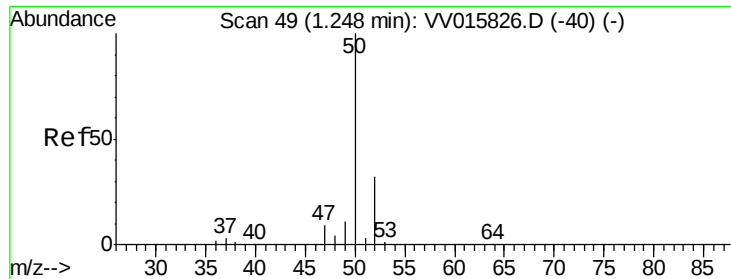
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 01 01:42:43 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 9.387 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV015845.D

Acq: 30 Apr 2020 19:42

Instrument :

MSVOA_V

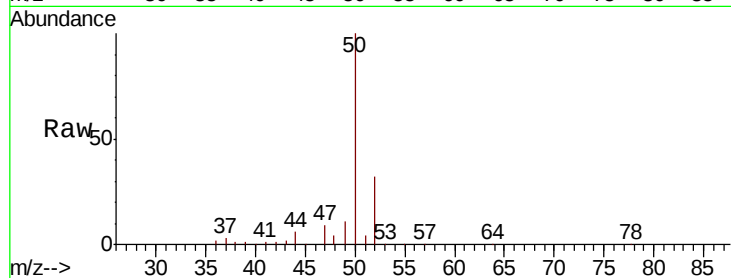
ClientSampleId :

Tot Ion: 50 Resp: 79705

Ion Ratio Lower Upper

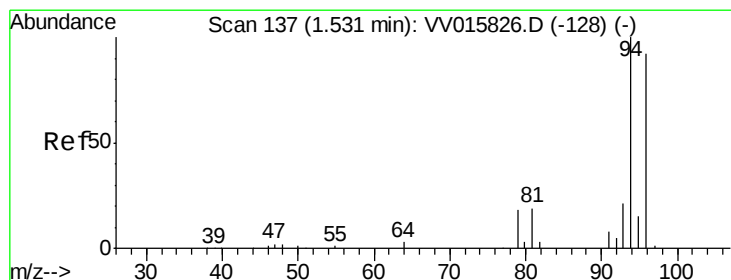
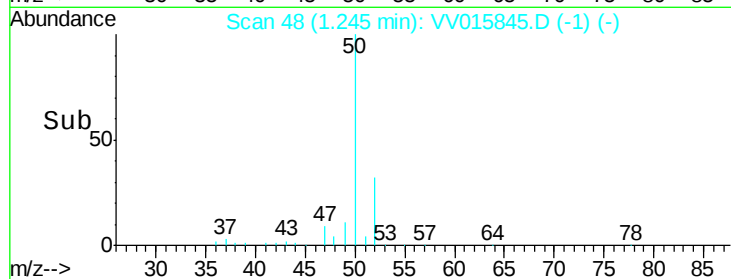
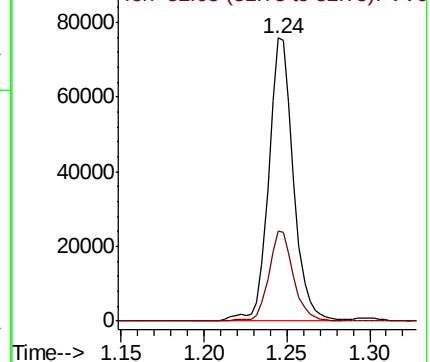
50 100

52 31.8 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.218 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV015845.D

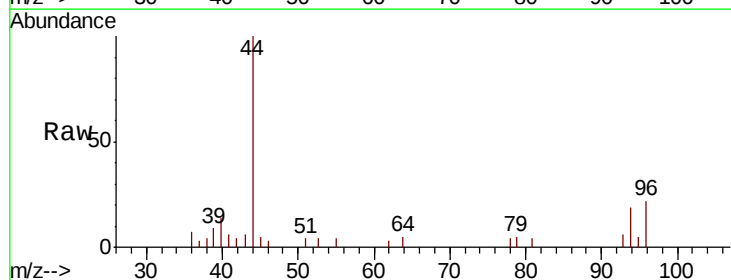
Acq: 30 Apr 2020 19:42

Tgt Ion: 94 Resp: 850

Ion Ratio Lower Upper

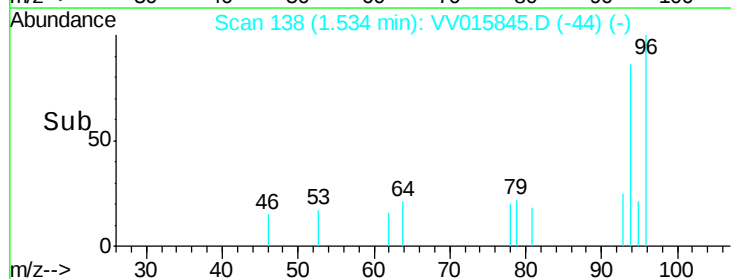
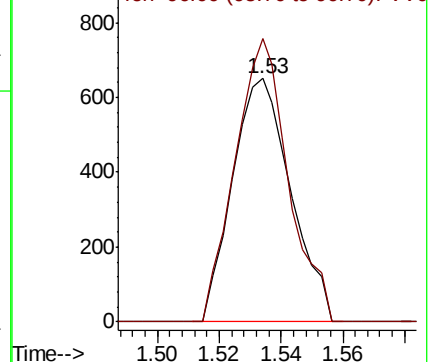
94 100

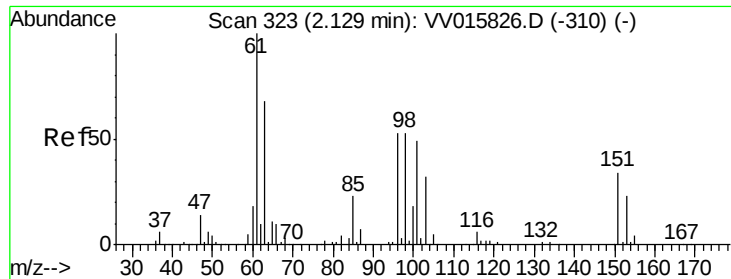
96 116.3 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#10

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

Concen: 0.075 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015845.D

Acq: 30 Apr 2020 19:42

Instrument :

MSVOA_V

ClientSampled :

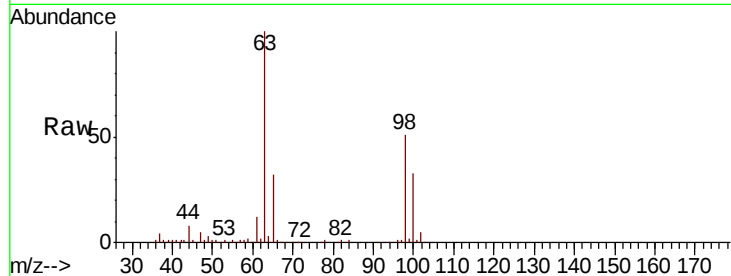
Tot Ion:101 Resp: 539

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

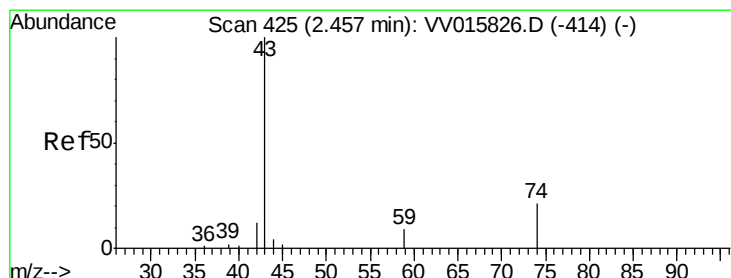
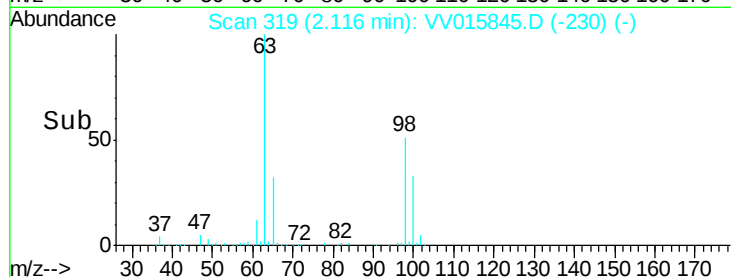
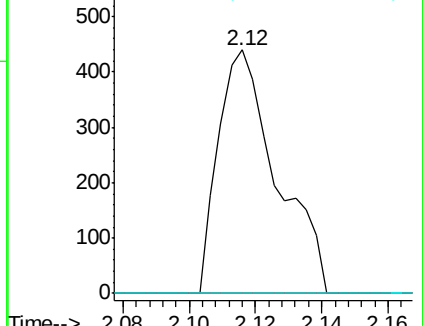
151 0.0 55.2 82.8#



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



#15

Methyl Acetate

Concen: 1.221 ug/L

RT: 2.51 min Scan# 442

Delta R.T. 0.05 min

Lab File: VV015845.D

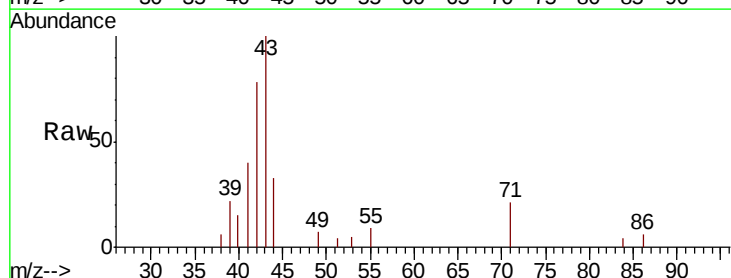
Acq: 30 Apr 2020 19:42

Tgt Ion: 43 Resp: 3876

Ion Ratio Lower Upper

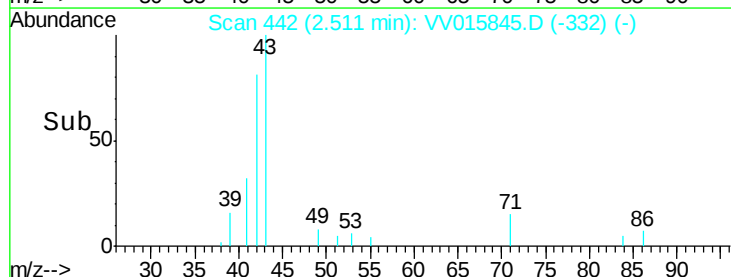
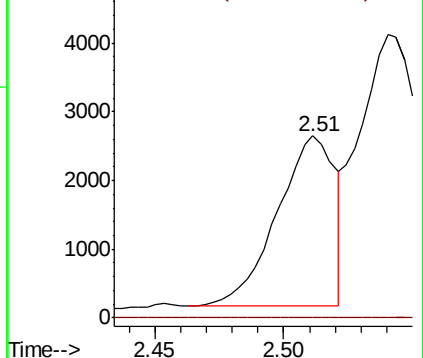
43 100

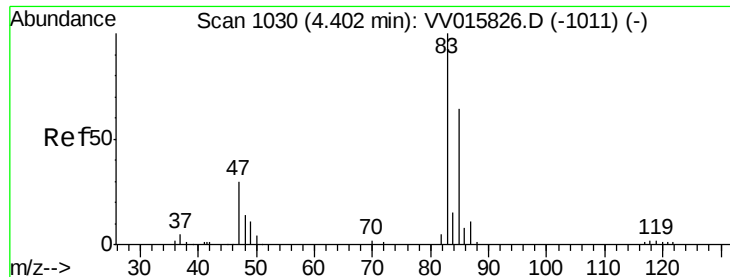
74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

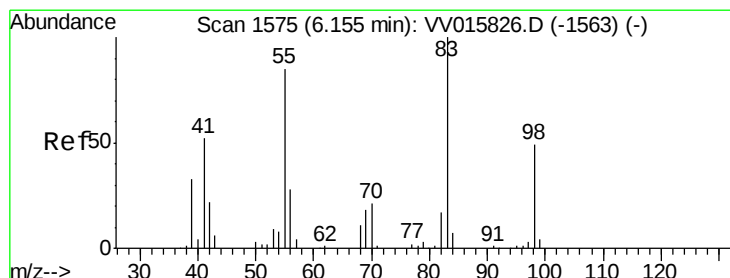
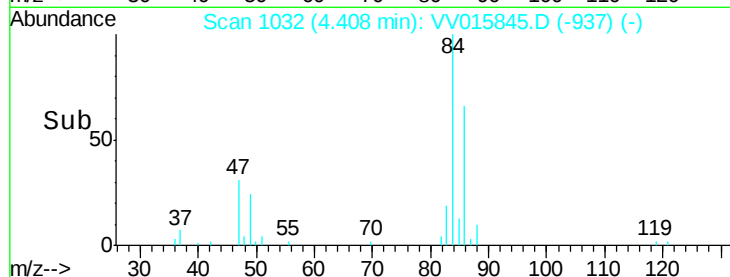
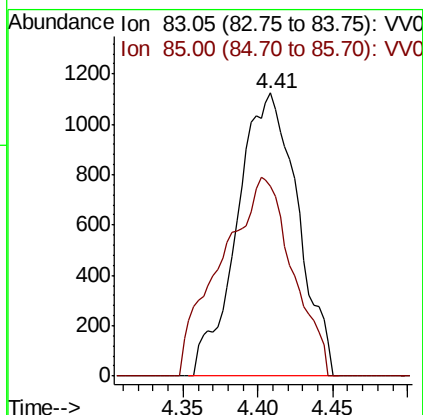
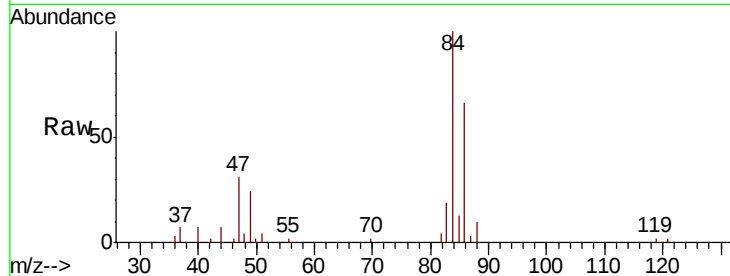




#25
Chloroform
Concen: 0.203 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015845.D
Acq: 30 Apr 2020 19:42

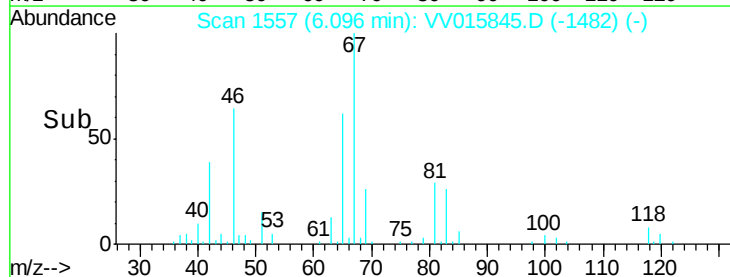
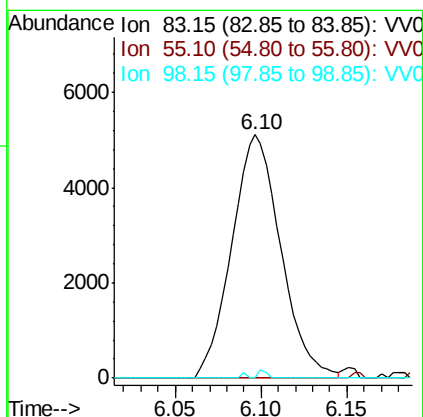
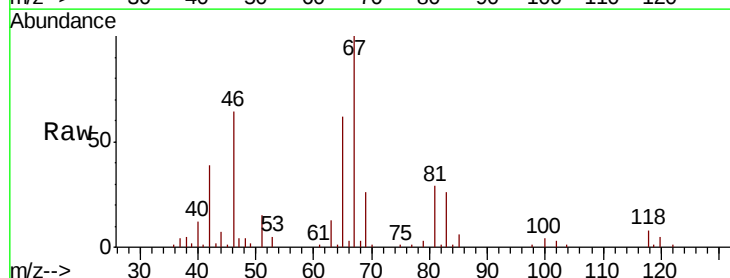
Instrument :
MSVOA_V
ClientSampled :

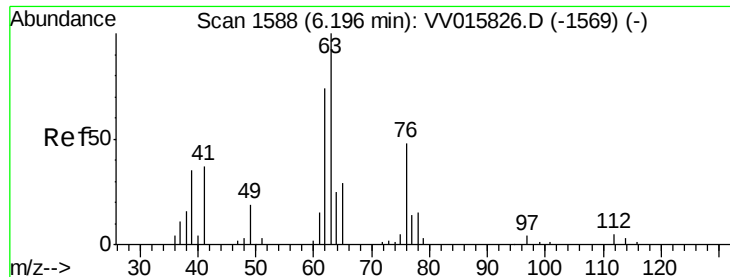
Tot Ion: 83 Resp: 3167
Ion Ratio Lower Upper
83 100
85 67.0 46.1 85.5



#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015845.D
Acq: 30 Apr 2020 19:42

Tgt Ion: 83 Resp: 10153
Ion Ratio Lower Upper
83 100
55 0.4 66.6 99.8#
98 0.5 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015845.D

Acq: 30 Apr 2020 19:42

Instrument :

MSVOA_V

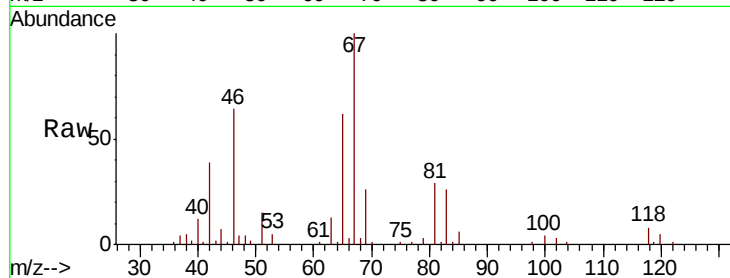
ClientSampleId :

Tot Ion: 63 Resp: 5598

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015826.D (-1569) (-)

Ion 112.10 (111.80 to 112.80): VV015826.D (-1569) (-)

3000

2500

2000

1500

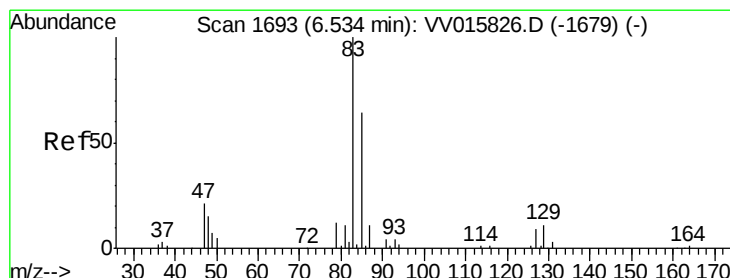
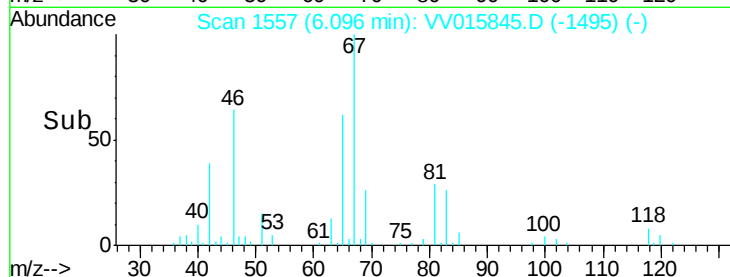
1000

500

0

6.05 6.10 6.15 6.20

Time-->



#38

Bromodichloromethane

Concen: 0.047 ug/L

RT: 6.53 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VV015845.D

Acq: 30 Apr 2020 19:42

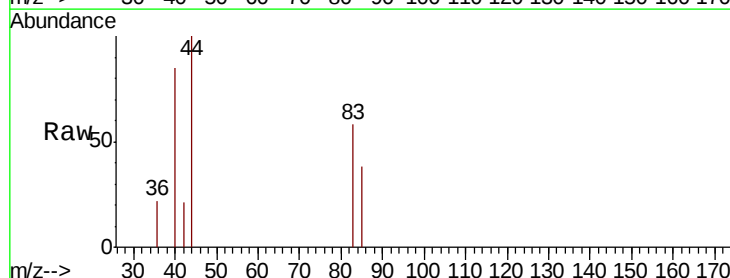
Tgt Ion: 83 Resp: 492

Ion Ratio Lower Upper

83 100

85 64.6 44.7 83.1

127 0.0 5.8 8.6#



Abundance Ion 82.95 (82.65 to 83.65): VV015826.D (-1679) (-)

Ion 85.00 (84.70 to 85.70): VV015826.D (-1679) (-)

Ion 126.90 (126.60 to 127.60): VV015826.D (-1679) (-)

400

300

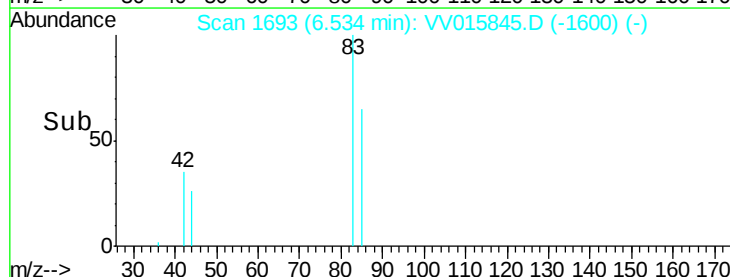
200

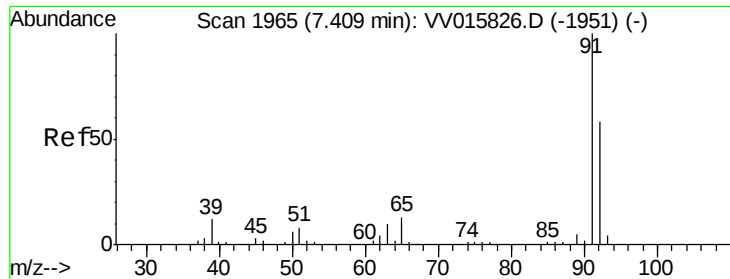
100

0

6.50 6.52 6.54 6.56 6.58

Time-->





#42

Toluene

Concen: 0.070 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV015845.D

Acq: 30 Apr 2020 19:42

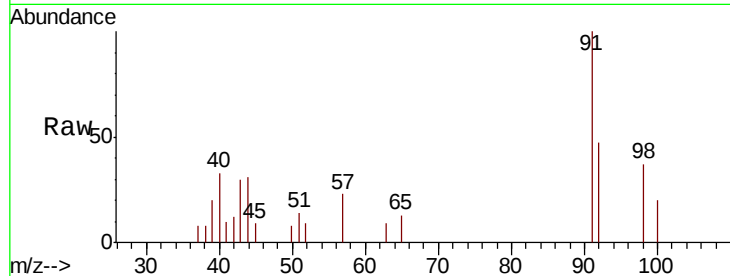
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 2431

Ion Ratio Lower Upper

91 100

92 46.8 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.42

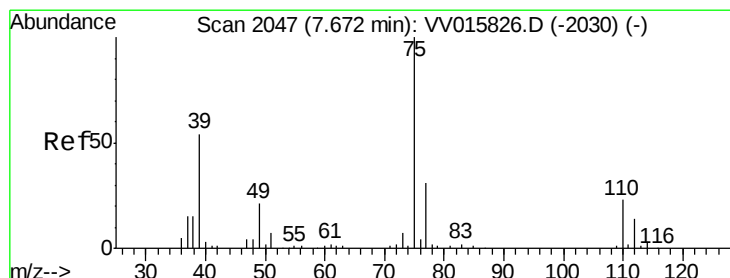
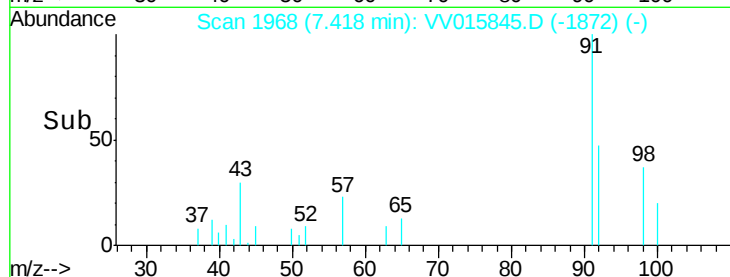
1500

1000

500

0

Time--> 7.35 7.40 7.45



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV015845.D

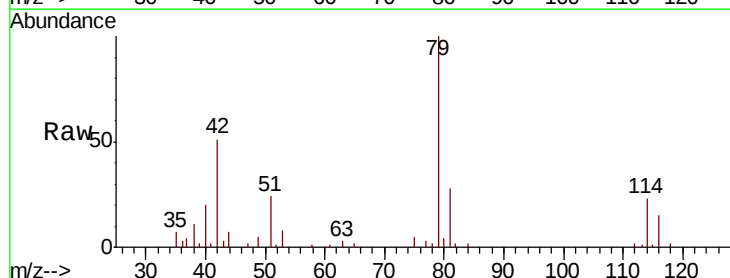
Acq: 30 Apr 2020 19:42

Tgt Ion: 75 Resp: 767

Ion Ratio Lower Upper

75 100

77 52.2 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

400

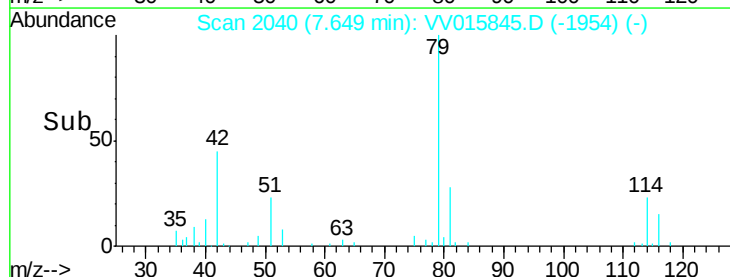
300

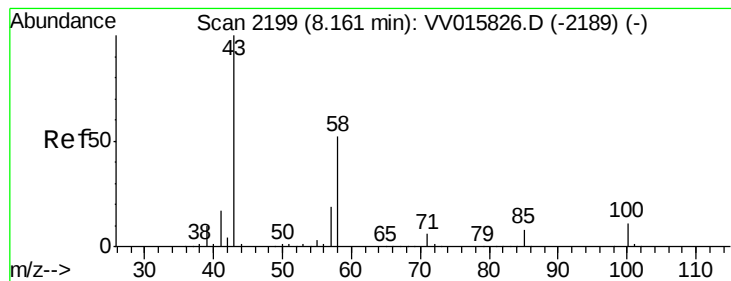
200

100

0

Time--> 7.60 7.65 7.70





#48
 2-Hexanone
 Concen: 1.863 ug/L
 RT: 8.17 min Scan# 2203
 Delta R.T. 0.01 min
 Lab File: VV015845.D
 Acq: 30 Apr 2020 19:42

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 7114
 Ion Ratio Lower Upper
 43 100
 58 45.4 41.1 61.7
 57 19.4 15.0 22.4
 100 6.2 9.0 13.4#

