

Data File : VV009827.D
Acq On : 22 Mar 2019 15:09
Operator : SY/MD
Sample : K2052-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TB-190320-01

Quant Time: Mar 23 03:57:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89421	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90530	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38347	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52860	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.59	69	50830	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.13	63	102674	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	3.98	46	66663	53.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.60%
24) Chloroform-d	4.41	84	57007	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.09	65	29217	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.10	84	119369	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	36430	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	107166	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.67	79	10654	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.14	63	58488	52.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25625	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	38089	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1206	0.090	ug/L #	19
16) Methylene chloride	2.54	84	3410	0.253	ug/L #	87
35) Methylcyclohexane	6.12	83	9025	0.820	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4456	0.701	ug/L #	91
42) Toluene	7.43	91	2542	0.088	ug/L	97
44) trans-1,3-Dichloropropene	7.66	75	733	0.107	ug/L	99
48) 2-Hexanone	8.14	43	9172	3.510	ug/L #	77
66) 1,2-Dibromo-3-chloropropan	12.31	75	163	0.265	ug/L #	1
69) Naphthalene	13.56	128	680	0.063	ug/L #	77

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

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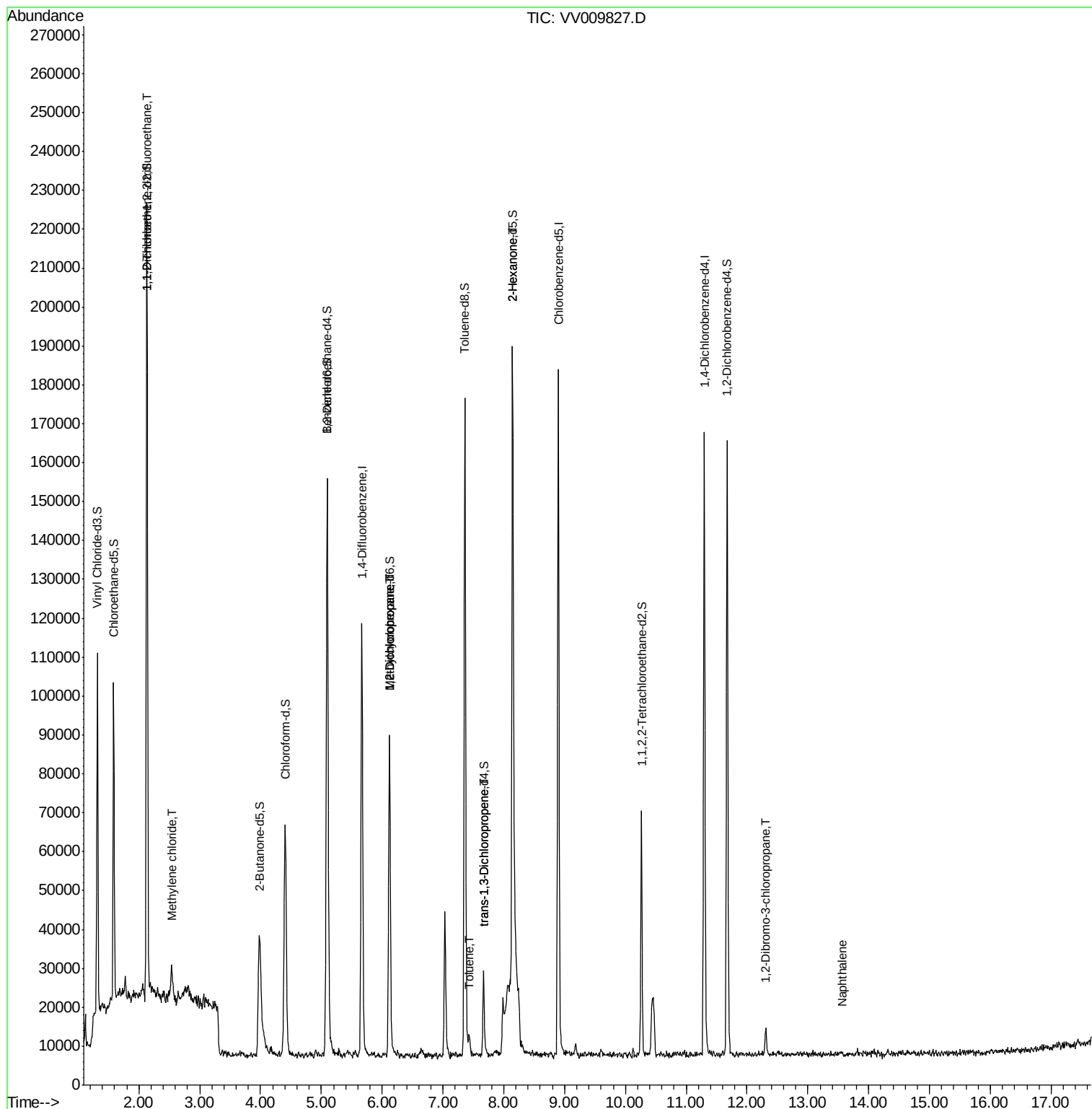
Quant Time: Mar 23 03:57:07 2019

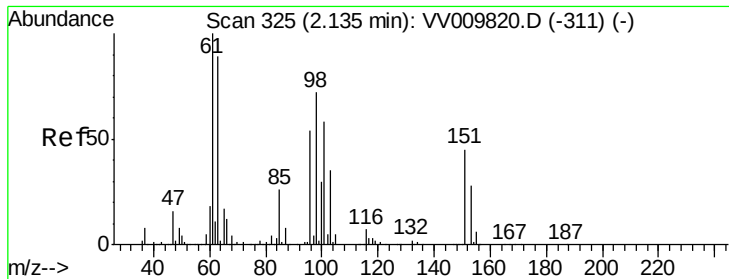
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\S0MVTR032119WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Sat Mar 23 03:53:22 2019

Response via : Initial Calibration





#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV009827.D

Acq: 22 Mar 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

TB-190320-01

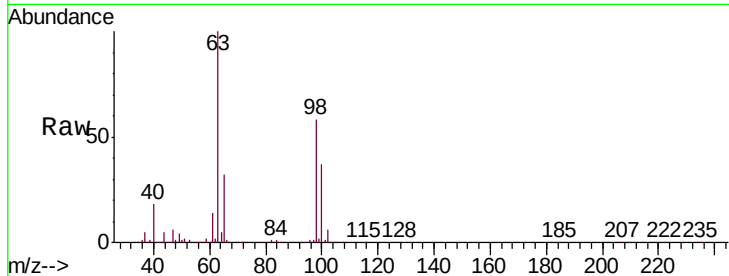
Tgt Ion:101 Resp: 1206

Ion Ratio Lower Upper

101 100

85 0.0 39.2 58.8#

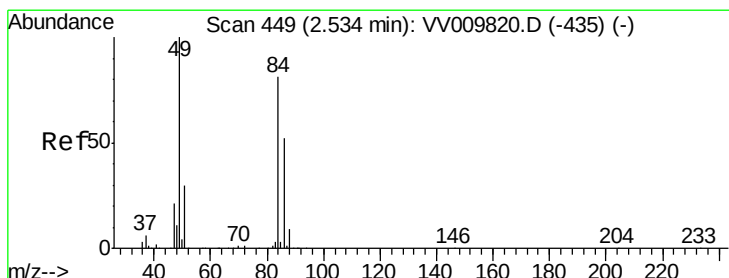
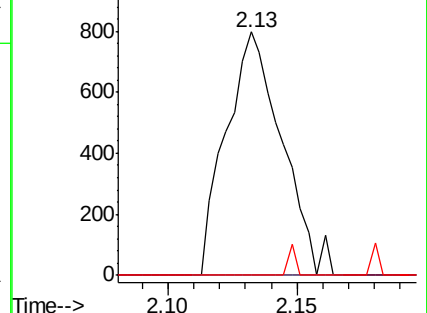
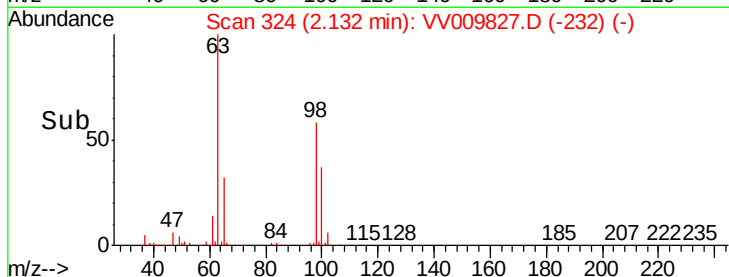
151 1.6 61.1 91.7#



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



#16

Methylene chloride

Concen: 0.253 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.01 min

Lab File: VV009827.D

Acq: 22 Mar 2019 15:09

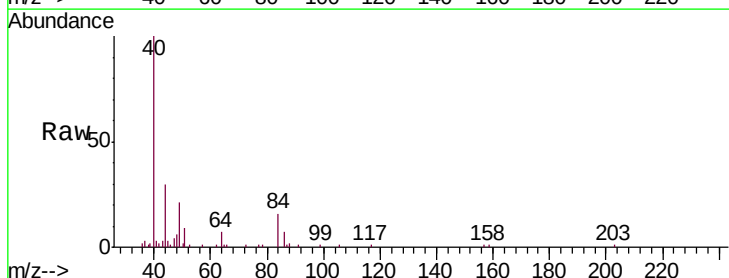
Tgt Ion: 84 Resp: 3410

Ion Ratio Lower Upper

84 100

86 46.0 46.1 85.5#

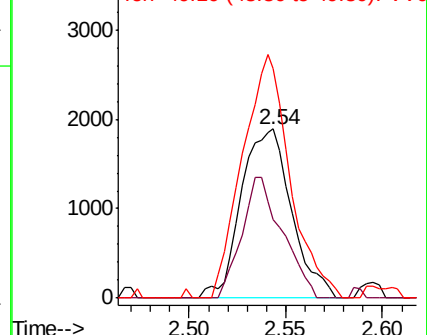
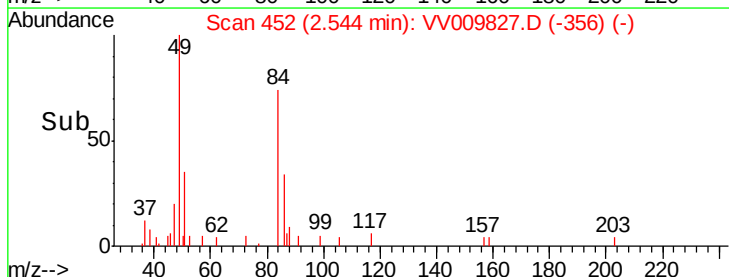
49 135.3 89.7 166.5

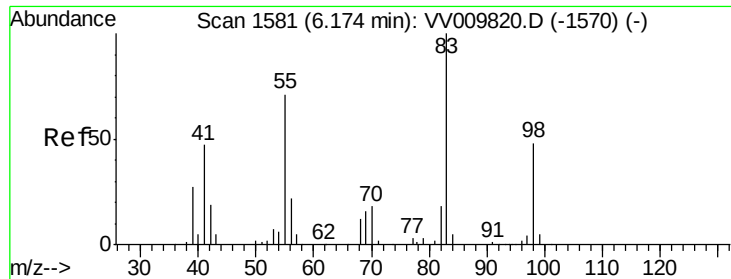


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

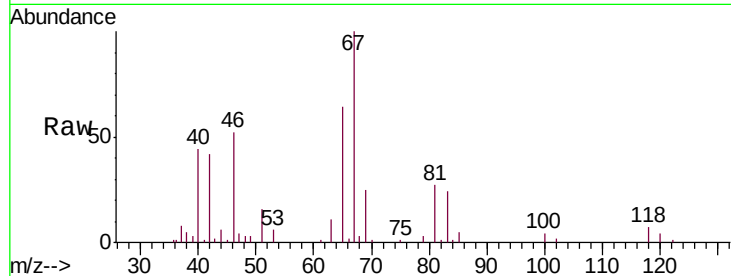




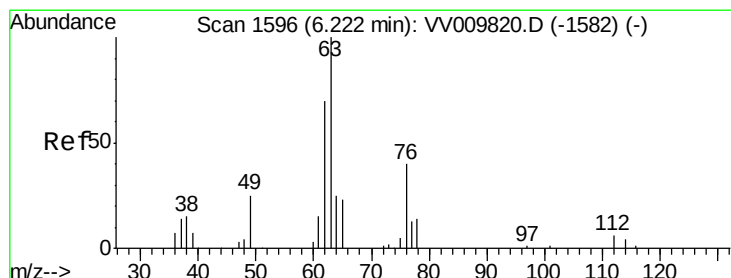
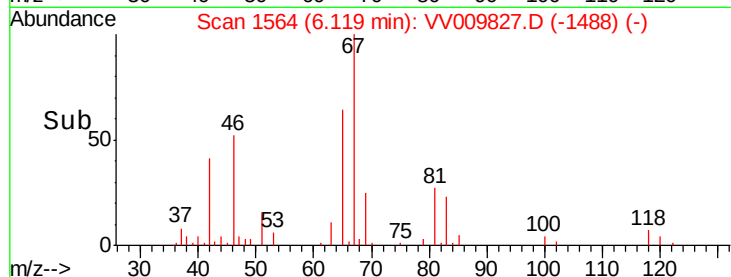
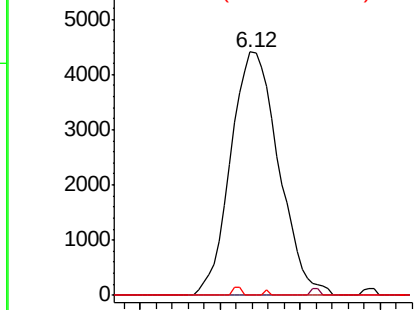
#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009827.D
Acq: 22 Mar 2019 15:09

Instrument :
MSVOA_V
ClientSampleId :
TB-190320-01

Tgt Ion: 83 Resp: 9025
Ion Ratio Lower Upper
83 100
55 0.5 57.4 86.2#
98 0.6 38.9 58.3#

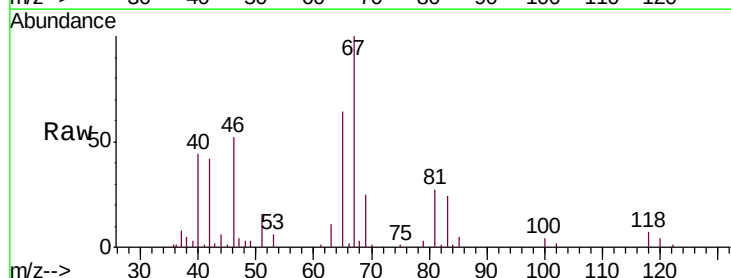


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

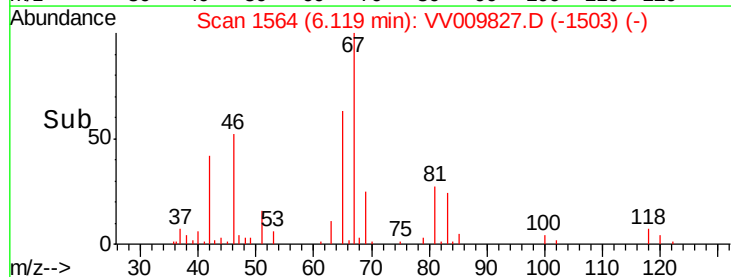
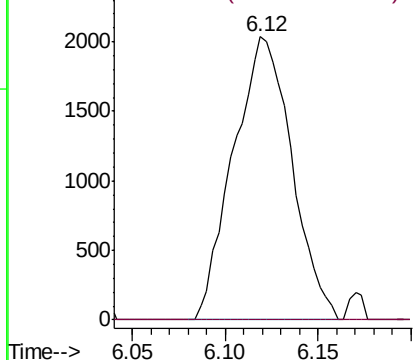


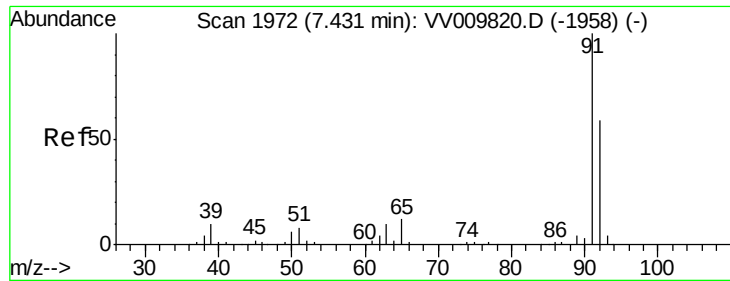
#37
1,2-Dichloropropane
Concen: 0.701 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009827.D
Acq: 22 Mar 2019 15:09

Tgt Ion: 63 Resp: 4456
Ion Ratio Lower Upper
63 100
112 1.1 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.088 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009827.D

Acq: 22 Mar 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

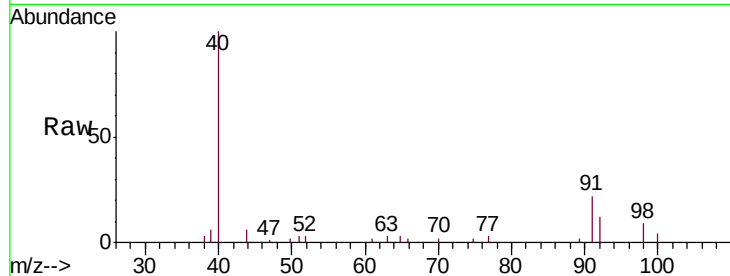
TB-190320-01

Tgt Ion: 91 Resp: 2542

Ion Ratio Lower Upper

91 100

92 53.7 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV009827.D (-1879) (-)

Ion 92.15 (91.85 to 92.85): VV009827.D (-1879) (-)

7.43

1500

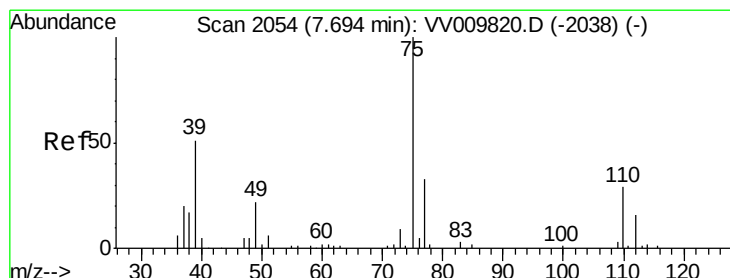
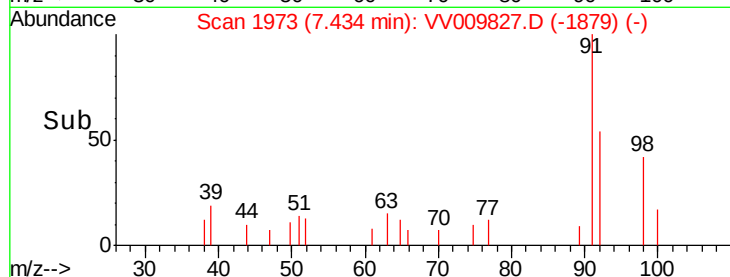
1000

500

0

7.40 7.45

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009827.D

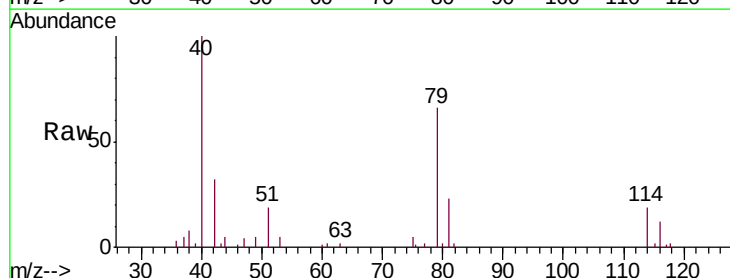
Acq: 22 Mar 2019 15:09

Tgt Ion: 75 Resp: 733

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VV009827.D (-1961) (-)

Ion 77.05 (76.75 to 77.75): VV009827.D (-1961) (-)

7.66

600

500

400

300

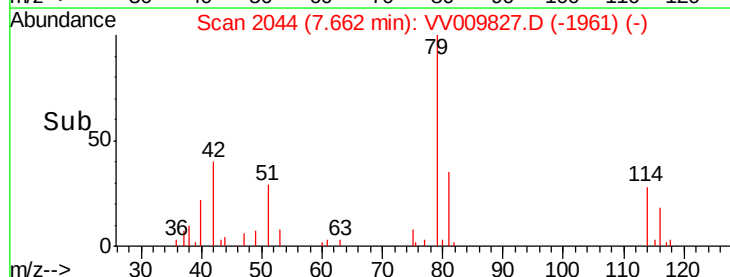
200

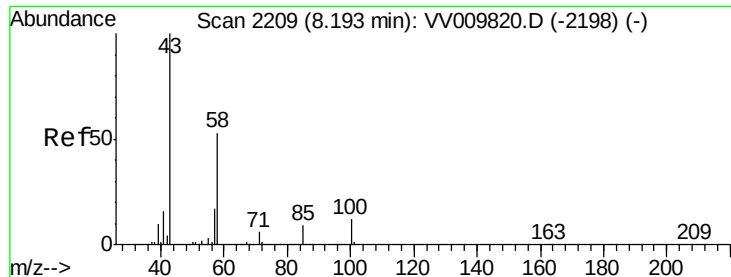
100

0

7.62 7.64 7.66 7.68 7.70

Time-->

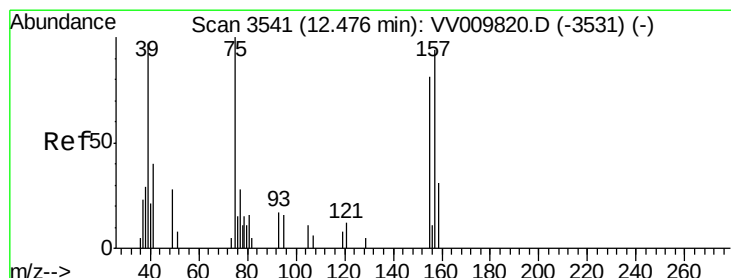
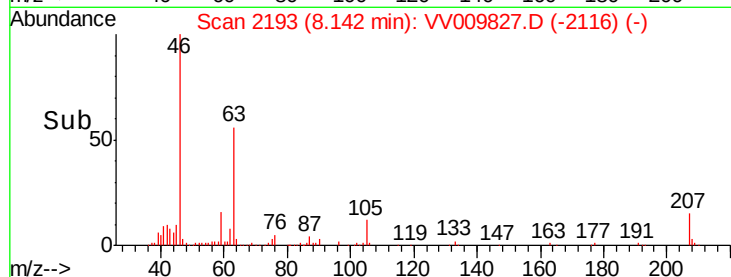
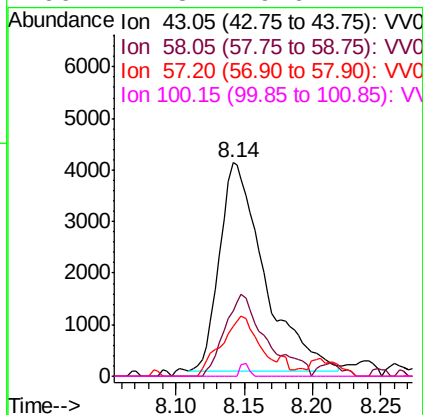
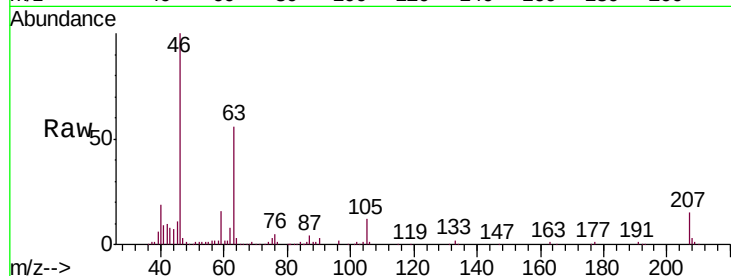




#48
 2-Hexanone
 Concen: 3.510 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV009827.D
 Acq: 22 Mar 2019 15:09

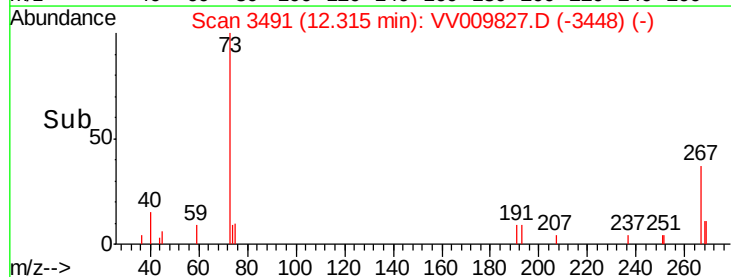
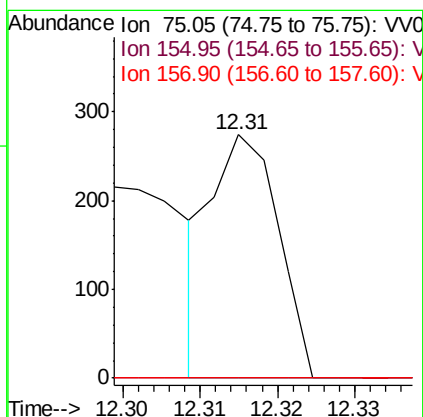
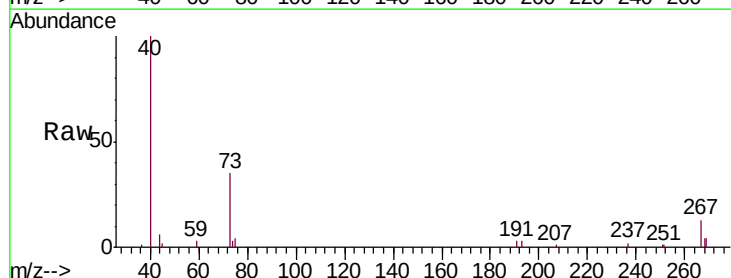
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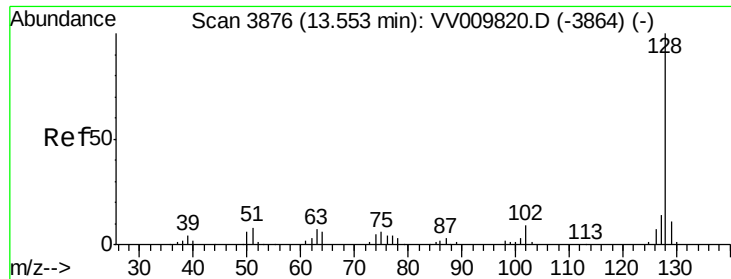
Tgt Ion: 43 Resp: 9172
 Ion Ratio Lower Upper
 43 100
 58 36.0 43.4 65.0#
 57 24.4 15.0 22.4#
 100 1.3 9.6 14.4#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.265 ug/L
 RT: 12.31 min Scan# 3491
 Delta R.T. -0.16 min
 Lab File: VV009827.D
 Acq: 22 Mar 2019 15:09

Tgt Ion: 75 Resp: 163
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.5 110.3#
 157 0.0 88.3 132.5#





#69

Naphthalene

Concen: 0.063 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.01 min

Lab File: VV009827.D

Acq: 22 Mar 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

TB-190320-01

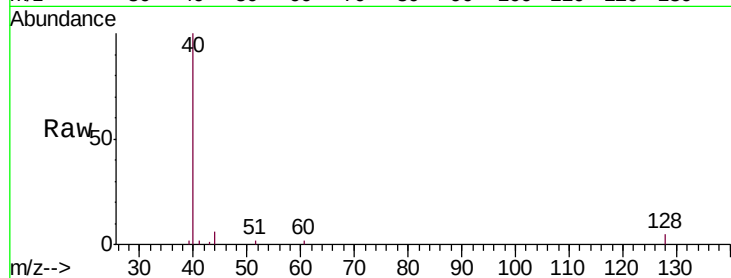
Tgt Ion:128 Resp: 680

Ion Ratio Lower Upper

128 100

129 0.0 8.9 13.3#

127 6.2 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

