

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016409.D
 Acq On : 01 Jun 2020 14:06
 Operator : SY/MD
 Sample : L2780-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL7

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 4:48:59 PM

Quant Time: Jun 02 02:55:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 01:13:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	82156	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	77103	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	32644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31169	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	25443	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.12	63	58776	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	3.95	46	66553m	42.89	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.78%
24) Chloroform-d	4.37	84	63602	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.05	65	34362	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.07	84	121767	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.09	67	38532	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.00%
41) Toluene-d8	7.33	98	107250	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
45) trans-1,3-Dichloropropene-	7.64	79	12272	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
48) 2-Hexanone-d5	8.11	63	70060	61.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.42%
59) 1,1,2,2-Tetrachloroethane-	10.23	84	26268	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
65) 1,2-Dichlorobenzene-d4	11.64	152	34744	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds					Ovalue
3) Chloromethane	1.25	50	1235	0.151 ug/L	95
12) 1,1-Dichloroethene	2.13	96	24790	4.688 ug/L	85
29) 1,1,1-Trichloroethane	4.63	97	5005	0.551 ug/L	97
34) Trichloroethene	5.93	95	1305	0.218 ug/L	94
49) Tetrachloroethene	7.99	164	2278	0.519 ug/L	90

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

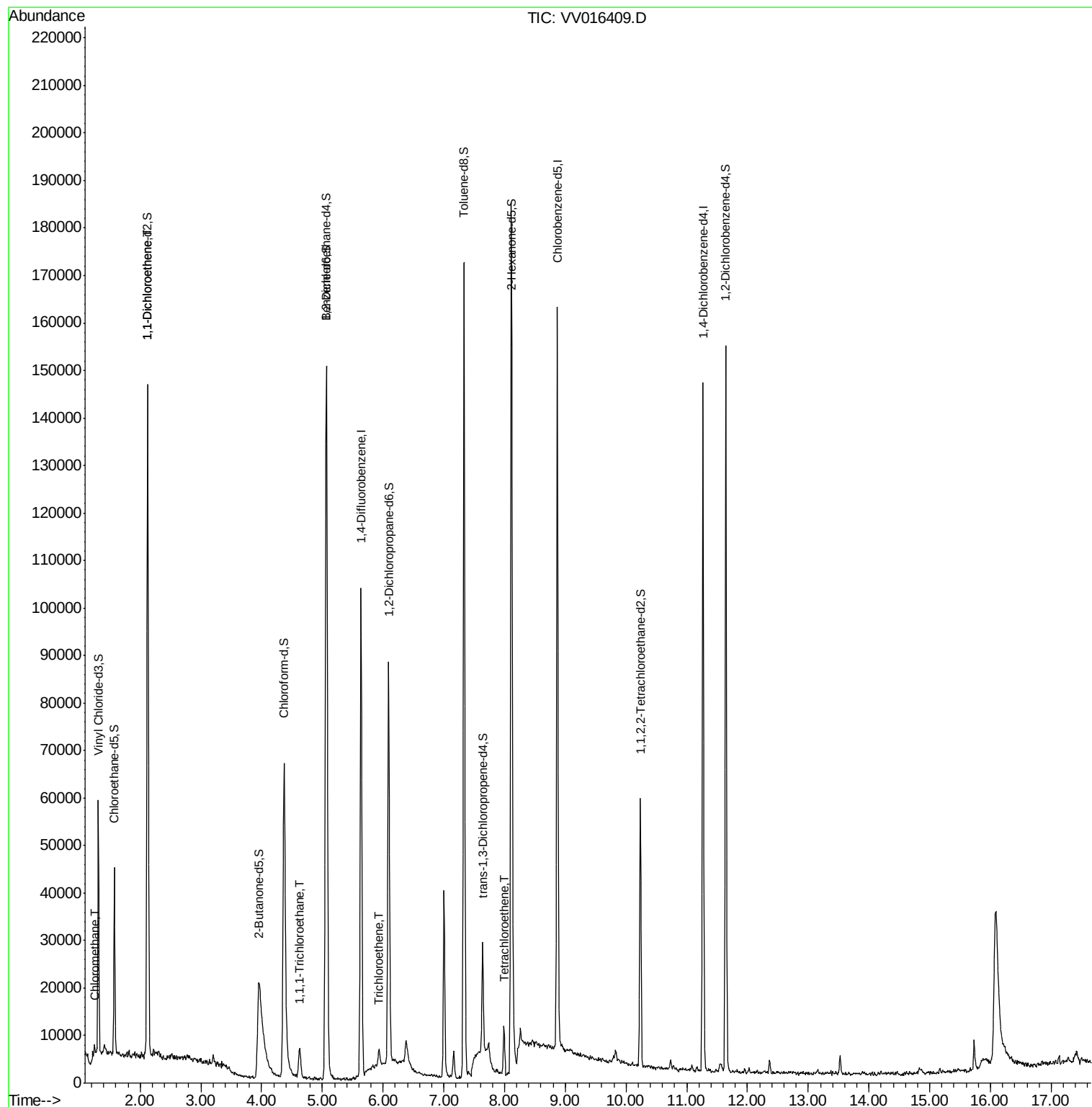
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060120\
Data File : VV016409.D
Acq On : 01 Jun 2020 14:06
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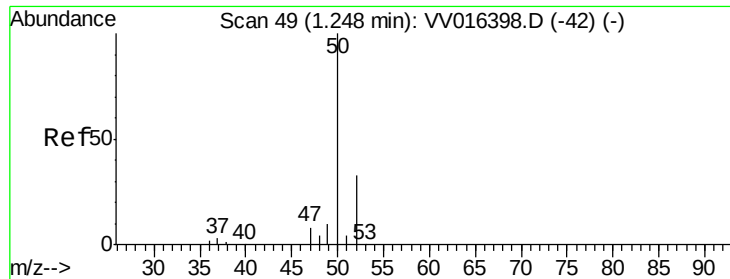
Instrument :
MSVOA_V
ClientSampleId :
C0AL7

Manual Integrations
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6/2/2020 4:48:59 PM

Quant Time: Jun 02 02:55:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 01:13:11 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.151 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV016409.D

Acq: 01 Jun 2020 14:06

Instrument :

MSVOA_V

ClientSampled :

C0AL7

Tot Ion: 50 Resp: 1235

Ion Ratio Lower Upper

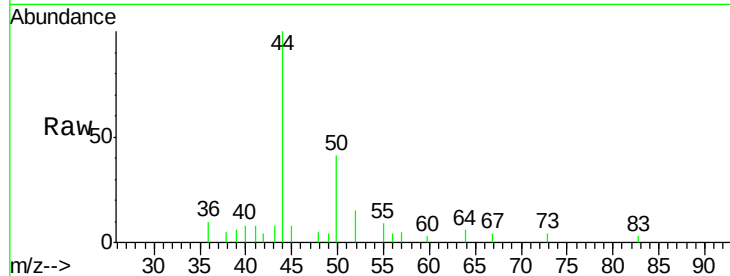
50 100

52 35.6 23.1 42.9

Manual Integrations
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Abundance Ion 50.05 (49.75 to 50.75): VV016398.D (-42) (-)

Ion 52.05 (51.75 to 52.75): VV016398.D (-42) (-)

1500

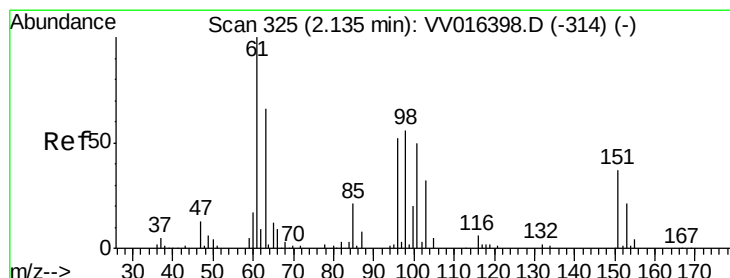
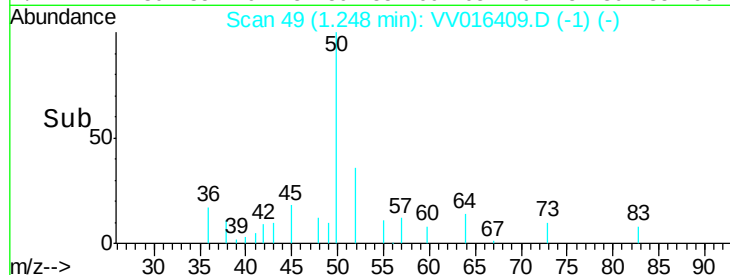
1000

500

0

1.22 1.24 1.26 1.28

Time-->



#12

1,1-Dichloroethene

Concen: 4.688 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV016409.D

Acq: 01 Jun 2020 14:06

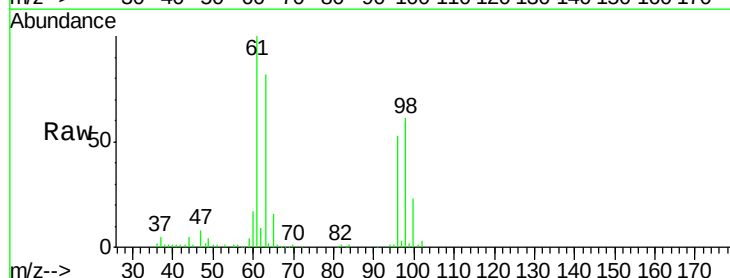
Tgt Ion: 96 Resp: 24790

Ion Ratio Lower Upper

96 100

61 189.4 125.4 233.0

63 154.8 88.2 163.8



Abundance Ion 96.00 (95.70 to 96.70): VV016398.D (-314) (-)

Ion 61.05 (60.75 to 61.75): VV016398.D (-314) (-)

Ion 63.00 (62.70 to 63.70): VV016398.D (-314) (-)

50000

40000

30000

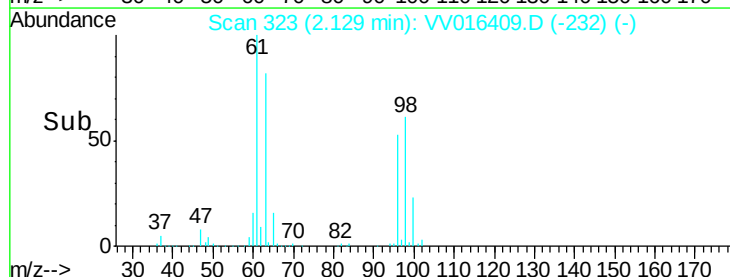
20000

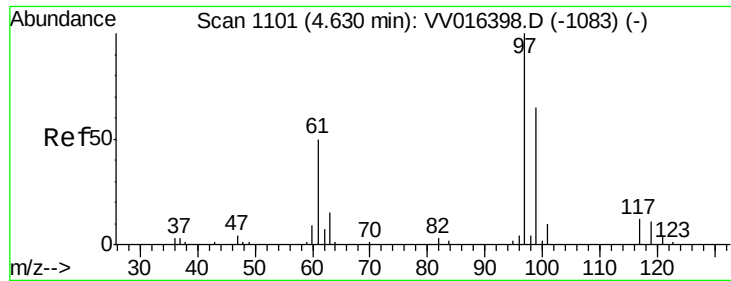
10000

0

2.05 2.10 2.15 2.20

Time-->





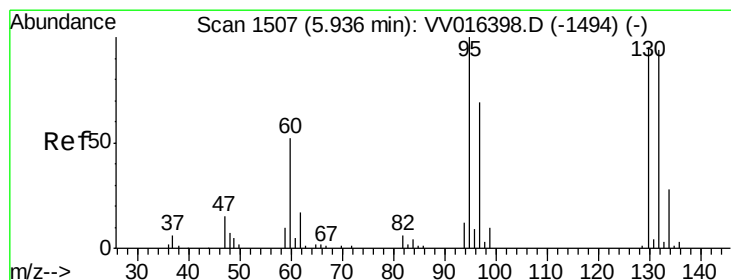
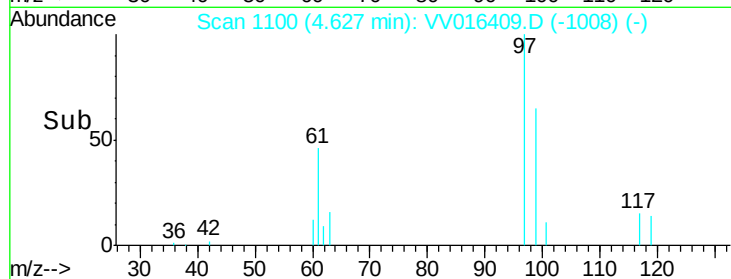
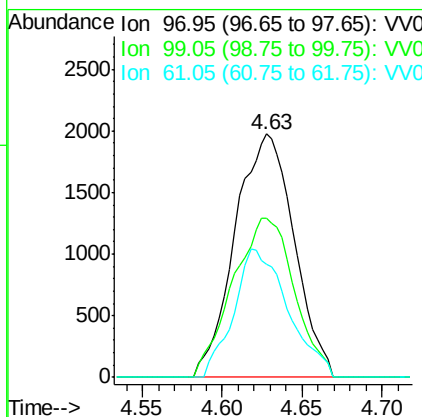
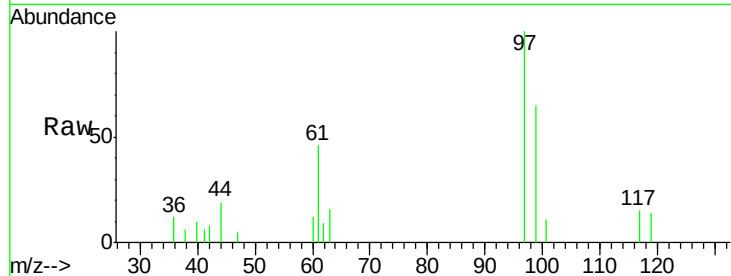
#29
1,1,1-Trichloroethane
Concen: 0.551 ug/L
RT: 4.63 min Scan# 1100
Delta R.T. -0.00 min
Lab File: VV016409.D
Acq: 01 Jun 2020 14:06

Instrument :
MSVOA_V
ClientSampled :
C0AL7

Tot Ion	Ratio	Lower	Upper
97	100		
99	68.3	52.0	78.0
61	48.4	39.8	59.6

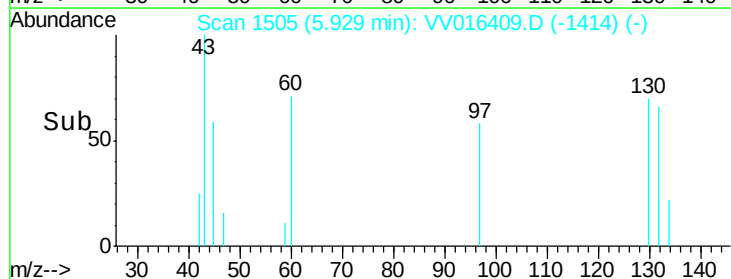
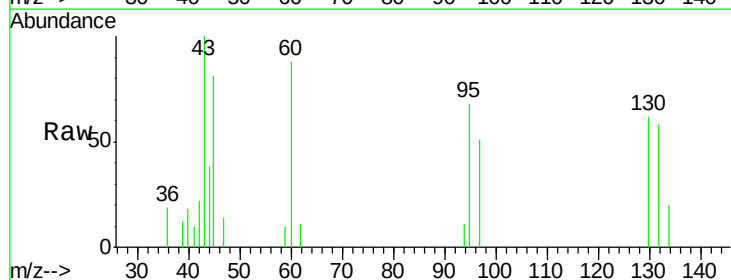
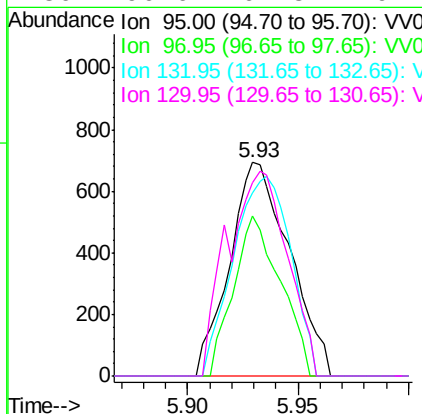
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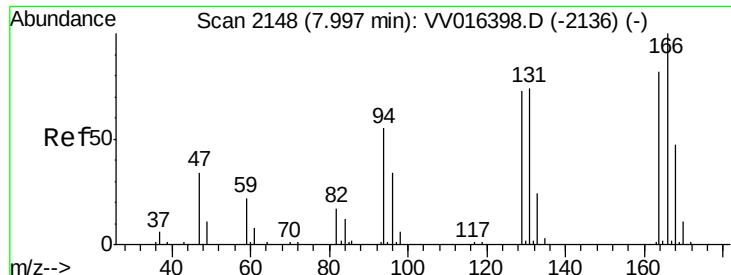
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#34
Trichloroethene
Concen: 0.218 ug/L
RT: 5.93 min Scan# 1505
Delta R.T. -0.01 min
Lab File: VV016409.D
Acq: 01 Jun 2020 14:06

Tgt Ion	Ratio	Lower	Upper
95	100		
97	74.9	42.6	79.0
132	85.4	59.6	110.8
130	90.6	64.8	120.4





#49

Tetrachloroethene

Concen: 0.519 ug/L

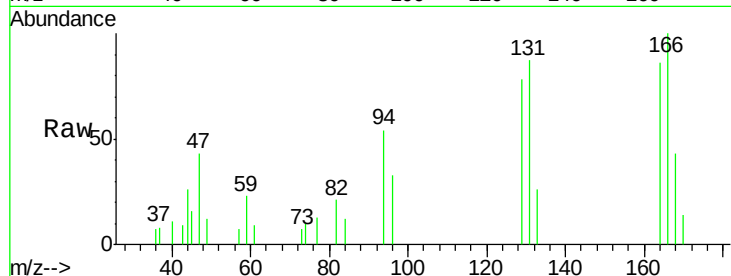
RT: 7.99 min Scan# 2146

Delta R.T. -0.01 min

Lab File: VV016409.D

Acq: 01 Jun 2020 14:06

Instrument :
MSVOA_V
ClientSampleId :
C0AL7



Tot Ion:164 Resp: 2278

Ion Ratio Lower Upper

164 100

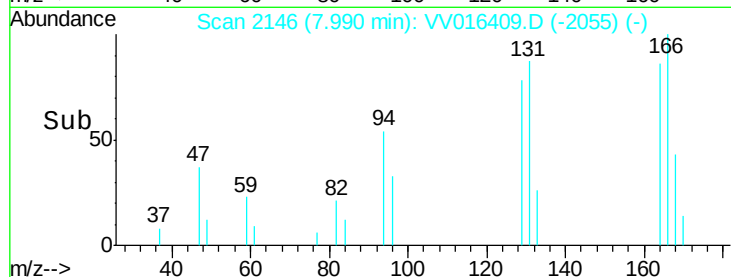
129 90.1 72.2 134.0

131 101.1 65.8 122.2

166 115.9 88.3 163.9

Manual Integrations
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Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

