

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016419.D
 Acq On : 01 Jun 2020 18:33
 Operator : SY/MD
 Sample : L2780-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL9

Manual Integrations
 APPROVED

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 6/2/2020 4:49:51 PM

Quant Time: Jun 02 04:23:46 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	90322	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86679	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38064	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26753	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.58	69	21343	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.00%
11) 1,1-Dichloroethene-d2	2.13	63	65390	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	3.95	46	77875	45.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.28%
24) Chloroform-d	4.38	84	51095	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
26) 1,2-Dichloroethane-d4	5.05	65	29649	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.07	84	101843	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.09	67	31807	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.33	98	85971	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
45) trans-1,3-Dichloropropene-	7.64	79	10039	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
48) 2-Hexanone-d5	8.11	63	59938	46.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.92%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23005	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	29508	4.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1090	0.121	ug/L	# 72
12) 1,1-Dichloroethene	2.13	96	48973	8.425	ug/L	91
13) Acetone	2.24	43	7298m	6.359	ug/L	
19) 1,1-Dichloroethane	3.21	63	1802	0.148	ug/L	96
21) 2-Butanone	4.05	43	5058m	2.989	ug/L	
25) Chloroform	4.40	83	3726	0.305	ug/L	95
29) 1,1,1-Trichloroethane	4.64	97	4377	0.428	ug/L	97
34) Trichloroethene	5.94	95	1096	0.163	ug/L	86
49) Tetrachloroethene	8.00	164	1967	0.399	ug/L	93

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

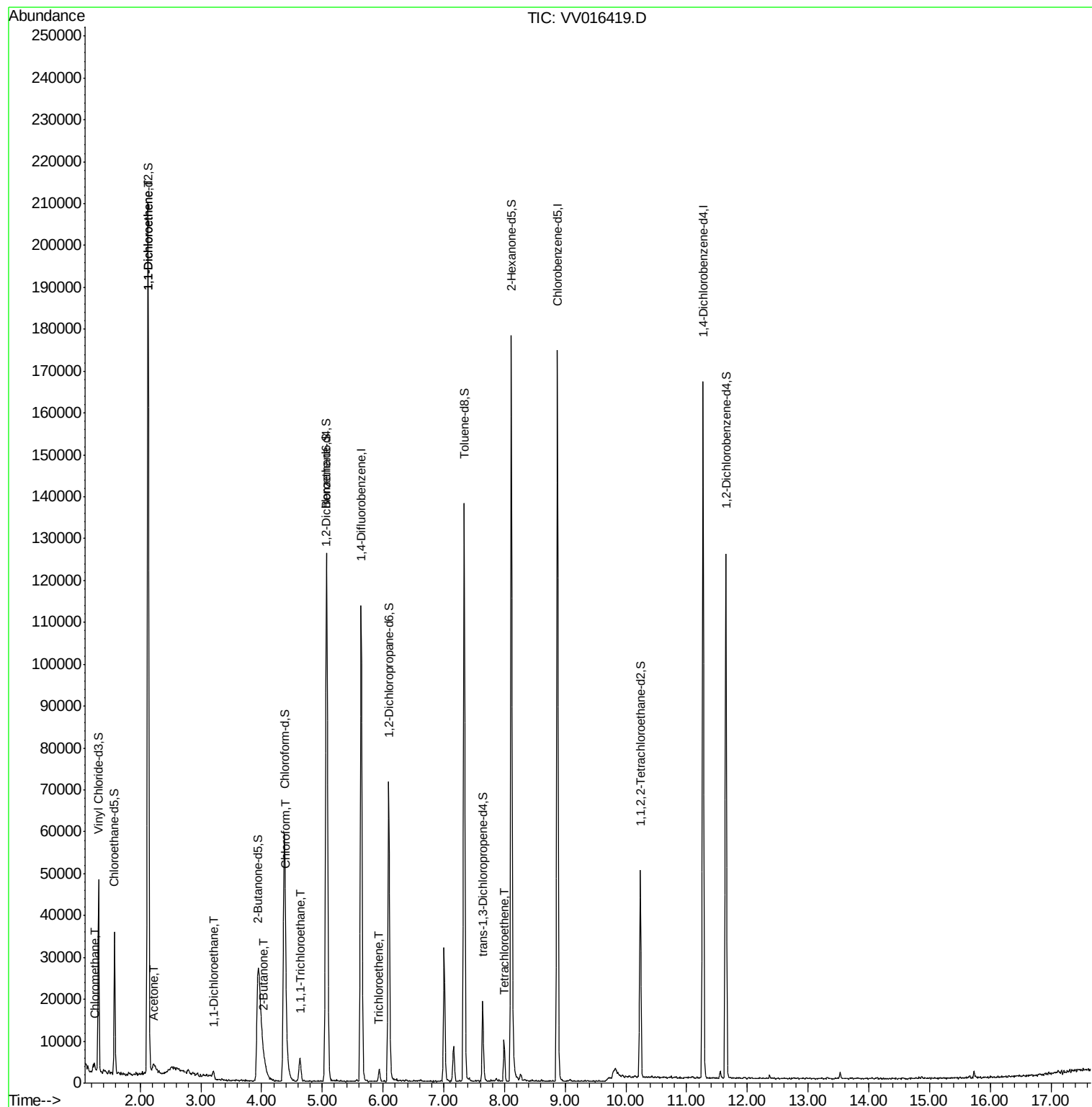
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
Data File : VV016419.D
Acq On : 01 Jun 2020 18:33
Operator : SY/MD
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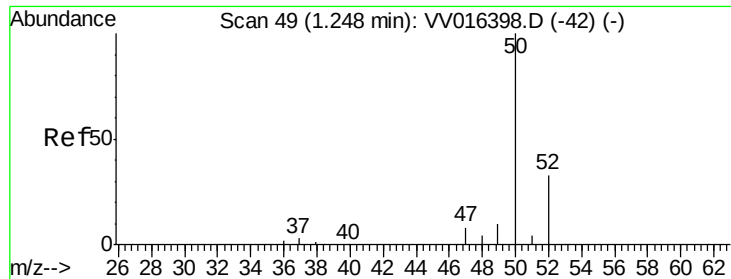
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Jun 02 04:23:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





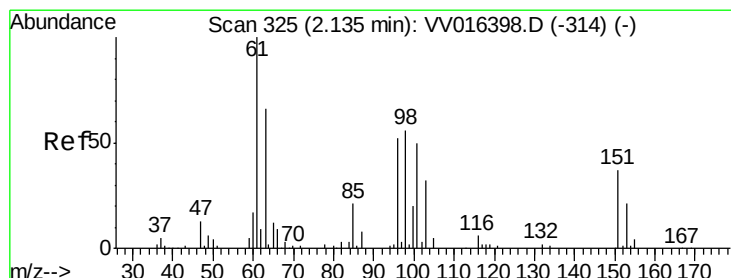
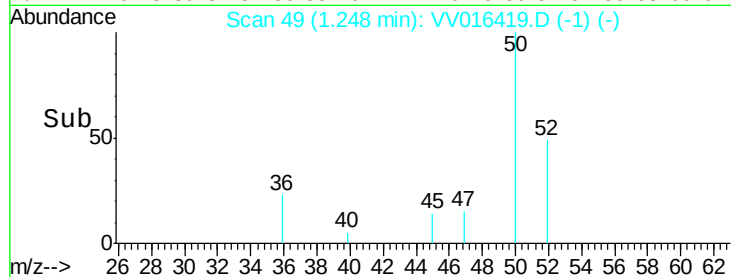
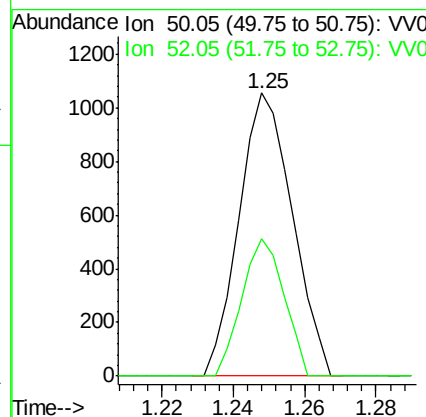
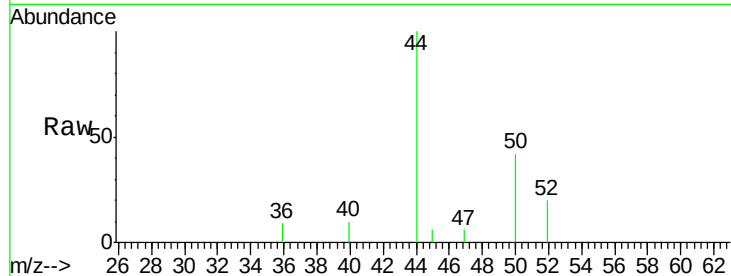
#3
 Chloromethane
 Concen: 0.121 ug/L
 RT: 1.25 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VV016419.D
 Acq: 01 Jun 2020 18:33

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL9

Tot Ion	Ratio	Lower	Upper
50	100		
52	48.6	23.1	42.9#

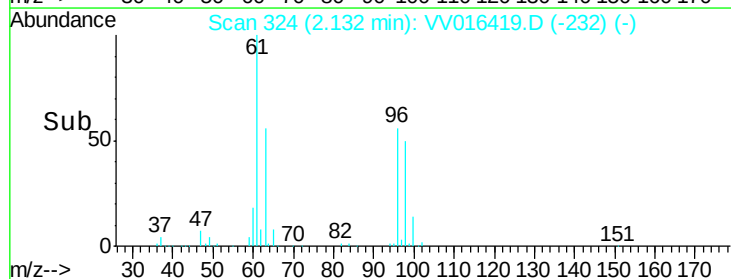
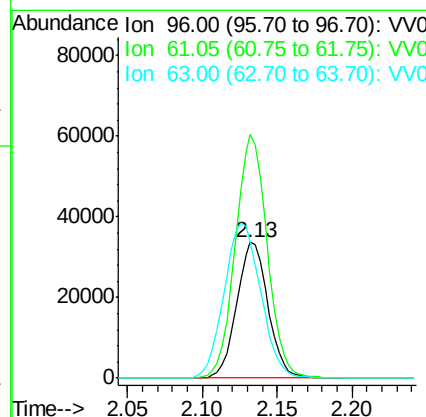
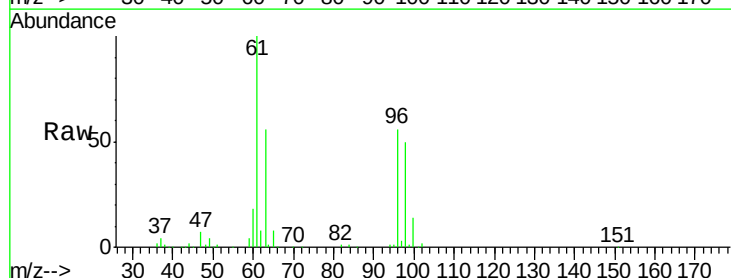
Manual Integrations
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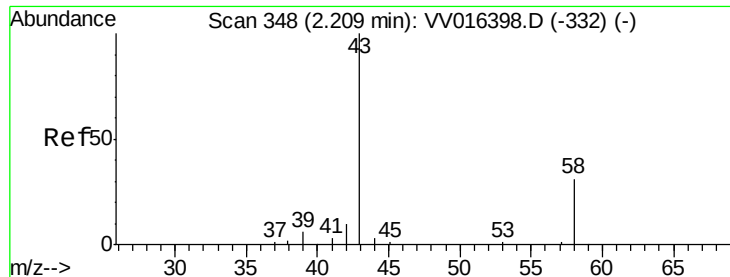
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#12
 1,1-Dichloroethene
 Concen: 8.425 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV016419.D
 Acq: 01 Jun 2020 18:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.4	125.4	233.0
63	100.0	88.2	163.8





#13

Acetone

Concen: 6.359 ug/L m

RT: 2.24 min Scan# 356

Delta R.T. 0.03 min

Lab File: VV016419.D

Acq: 01 Jun 2020 18:33

Instrument :

MSVOA_V

ClientSampleId :

C0AL9

Tot Ion: 43 Resp: 7298

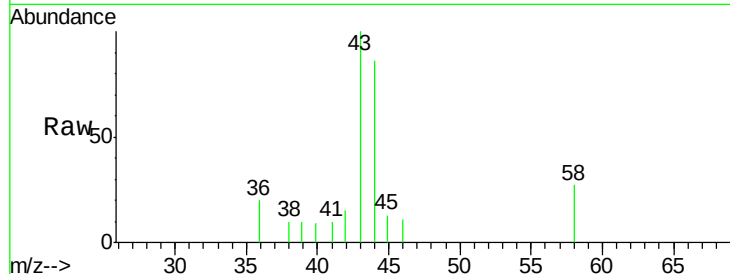
Ion Ratio Lower Upper

43 100

58 11.9 0.0 59.2

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Abundance Ion 43.05 (42.75 to 43.75): VV016398.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV016398.D (-332) (-)

2.24

1500

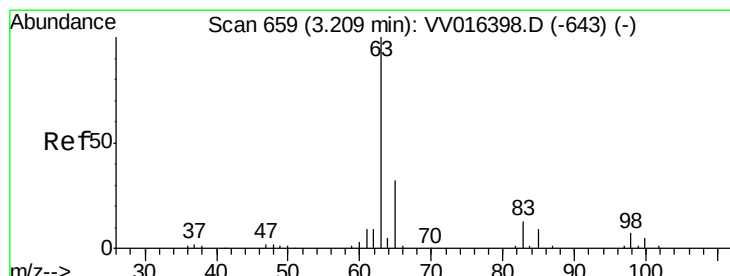
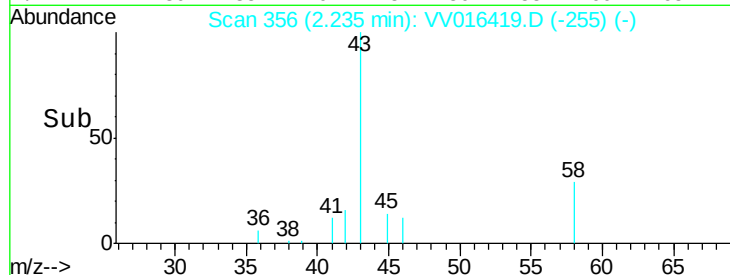
1000

500

0

2.10 2.20 2.30

Time-->



#19

1,1-Dichloroethane

Concen: 0.148 ug/L

RT: 3.21 min Scan# 658

Delta R.T. -0.00 min

Lab File: VV016419.D

Acq: 01 Jun 2020 18:33

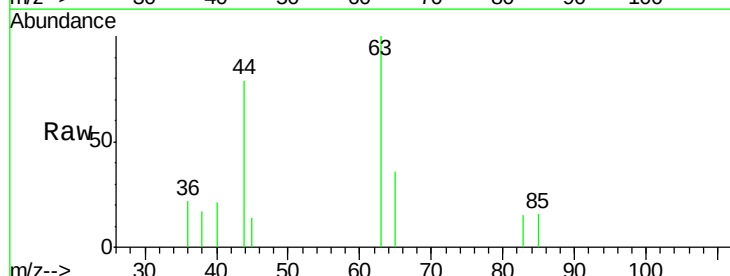
Tgt Ion: 63 Resp: 1802

Ion Ratio Lower Upper

63 100

65 36.4 23.3 43.3

83 14.6 9.9 18.3



Abundance Ion 63.10 (62.80 to 63.80): VV016398.D (-643) (-)

Ion 65.10 (64.80 to 65.80): VV016398.D (-643) (-)

Ion 83.05 (82.75 to 83.75): VV016398.D (-643) (-)

1200

1000

800

600

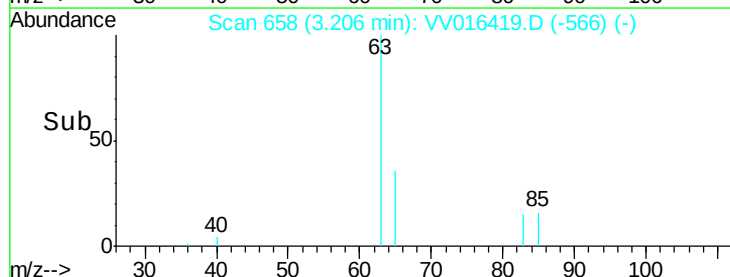
400

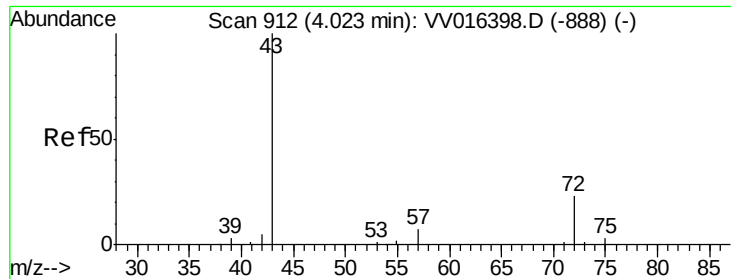
200

0

3.15 3.20 3.25

Time-->





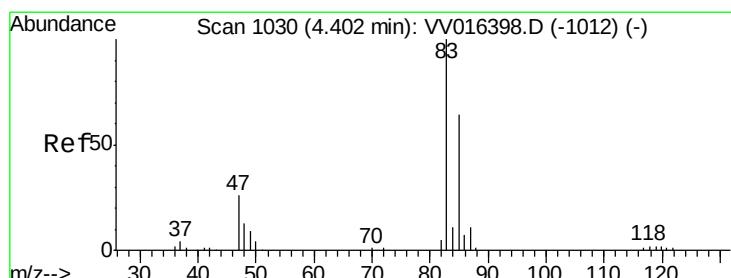
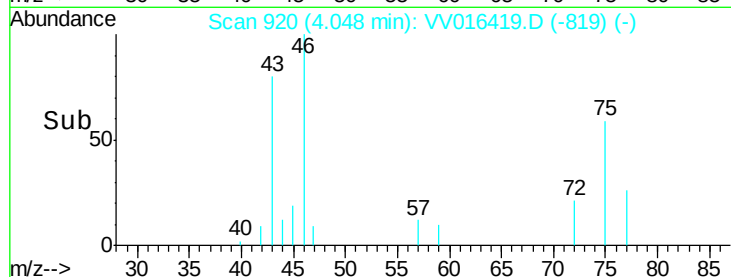
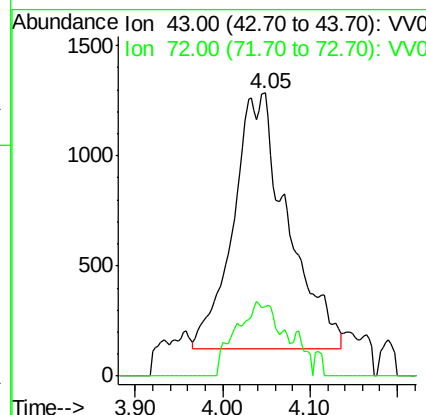
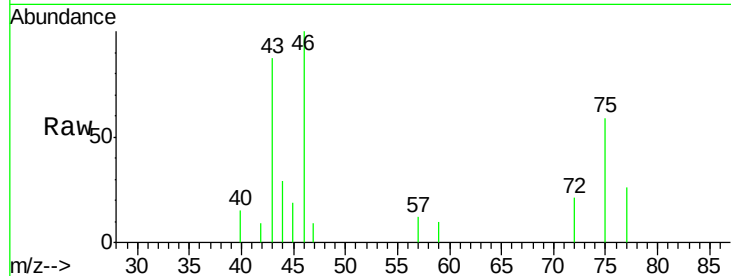
#21
2-Butanone
Concen: 2.989 ug/L m
RT: 4.05 min Scan# 920
Delta R.T. 0.03 min
Lab File: VV016419.D
Acq: 01 Jun 2020 18:33

Instrument :
MSVOA_V
ClientSampled :
C0AL9

Tot Ion: 43 Resp: 5058
Ion Ratio Lower Upper
43 100
72 14.2 11.2 33.6

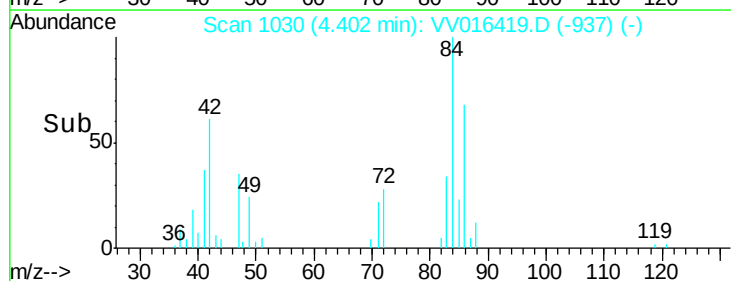
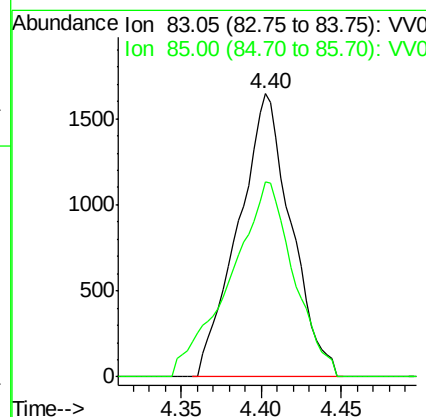
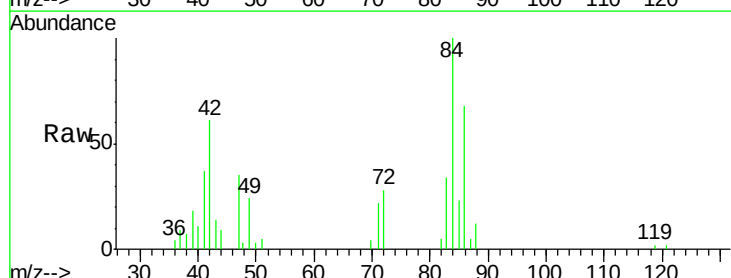
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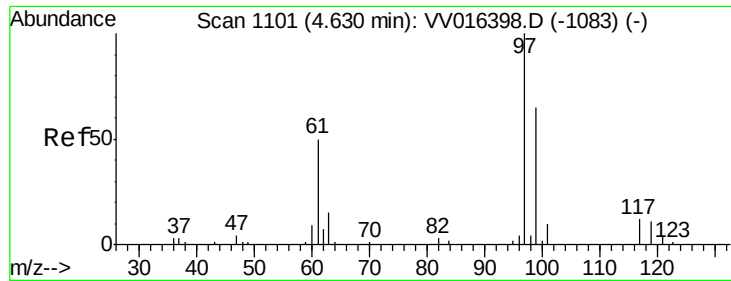
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#25
Chloroform
Concen: 0.305 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV016419.D
Acq: 01 Jun 2020 18:33

Tgt Ion: 83 Resp: 3726
Ion Ratio Lower Upper
83 100
85 69.1 45.8 85.2





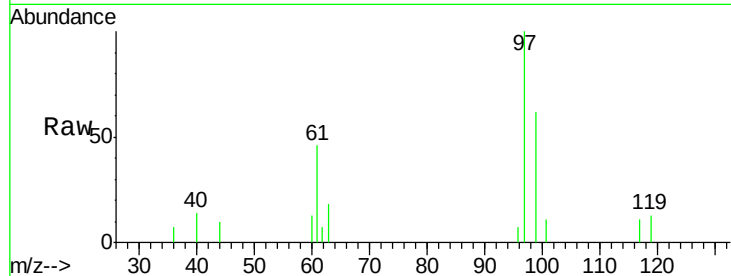
#29
1,1,1-Trichloroethane
Concen: 0.428 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VV016419.D
Acq: 01 Jun 2020 18:33

Instrument :
MSVOA_V
ClientSampleId :
C0AL9

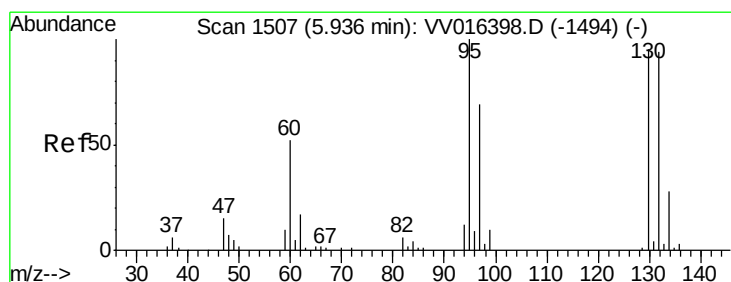
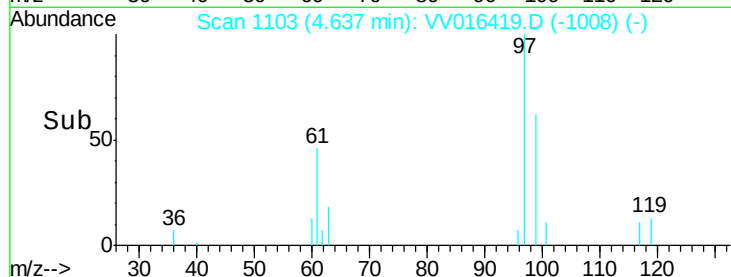
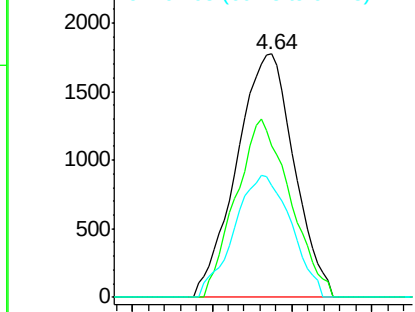
Tot Ion	Ratio	Lower	Upper
97	100		
99	69.1	52.0	78.0
61	49.6	39.8	59.6

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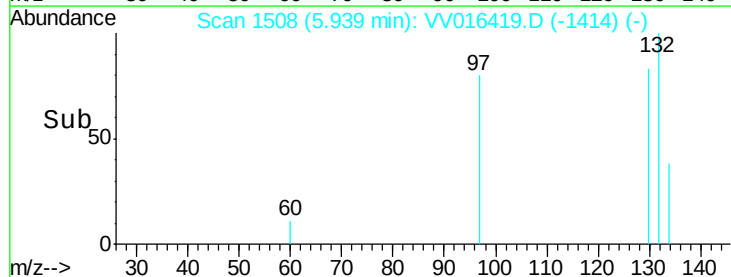
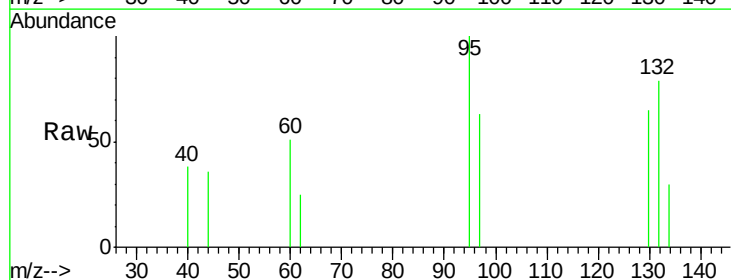
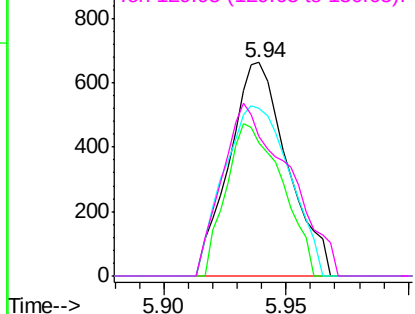
Abundance Ion 96.95 (96.65 to 97.65): VV016398.D (-1083) (-)

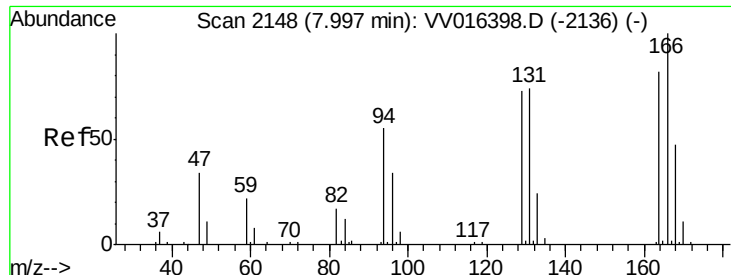


#34
Trichloroethene
Concen: 0.163 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016419.D
Acq: 01 Jun 2020 18:33

Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.6	42.6	79.0
132	78.7	59.6	110.8
130	65.2	64.8	120.4

Abundance Ion 95.00 (94.70 to 95.70): VV016398.D (-1494) (-)





#49

Tetrachloroethene

Concen: 0.399 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016419.D

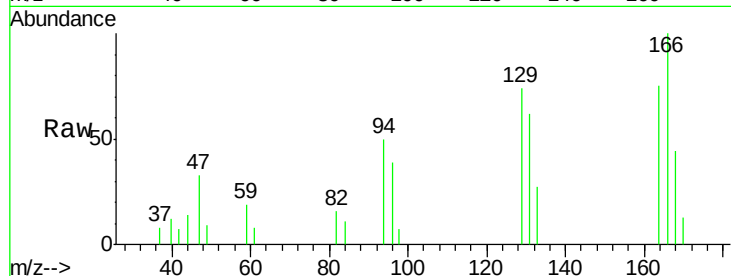
Acq: 01 Jun 2020 18:33

Instrument :

MSVOA_V

ClientSampleId :

C0AL9



Tot Ion:164 Resp: 1967

Ion Ratio Lower Upper

164 100

129 98.5 72.2 134.0

131 82.3 65.8 122.2

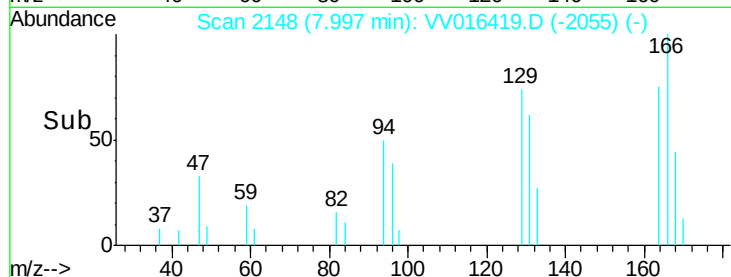
166 133.0 88.3 163.9

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

