

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016403.D
 Acq On : 01 Jun 2020 11:37
 Operator : SY/MD
 Sample : L2826-10DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWKC3DL

Manual Integrations
 APPROVED

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 6/2/2020 4:48:55 PM

Quant Time: Jun 02 02:03:25 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	5.63	114	83423	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	71934	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.28	152	21851	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.33	65	28582	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.58	69	12016	2.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	43.20%#
11) 1,1-Dichloroethene-d2	2.11	63	35628	2.79	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	3.99	46	58885m	37.37	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.74%
24) Chloroform-d	4.36	84	48688	3.94	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.05	65	31550	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.05	84	113654	5.56	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.09	67	33136	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.33	98	93930	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
45) trans-1,3-Dichloropropene-	7.64	79	10663	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
48) 2-Hexanone-d5	8.18	63	59982m	56.63	ug/L	0.07
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.26%
59) 1,1,2,2-Tetrachloroethane-	10.26	84	21199	4.75	ug/L	0.03
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
65) 1,2-Dichlorobenzene-d4	11.66	152	19592	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	992	0.119	ug/L	99
5) Vinyl chloride	1.33	62	2809	0.377	ug/L #	21
6) Bromomethane	1.53	94	1626	0.389	ug/L	92
14) Carbon disulfide	2.29	76	3141	0.192	ug/L #	84
16) Methylene chloride	2.50	84	1884	0.328	ug/L #	9
18) trans-1,2-Dichloroethene	2.74	96	2939	0.516	ug/L	85
21) 2-Butanone	4.07	43	25677	16.428	ug/L	85
22) cis-1,2-Dichloroethene	3.92	96	50158	7.974	ug/L	98
25) Chloroform	4.39	83	10628	0.943	ug/L	94
34) Trichloroethene	5.93	95	6260	1.121	ug/L	96

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

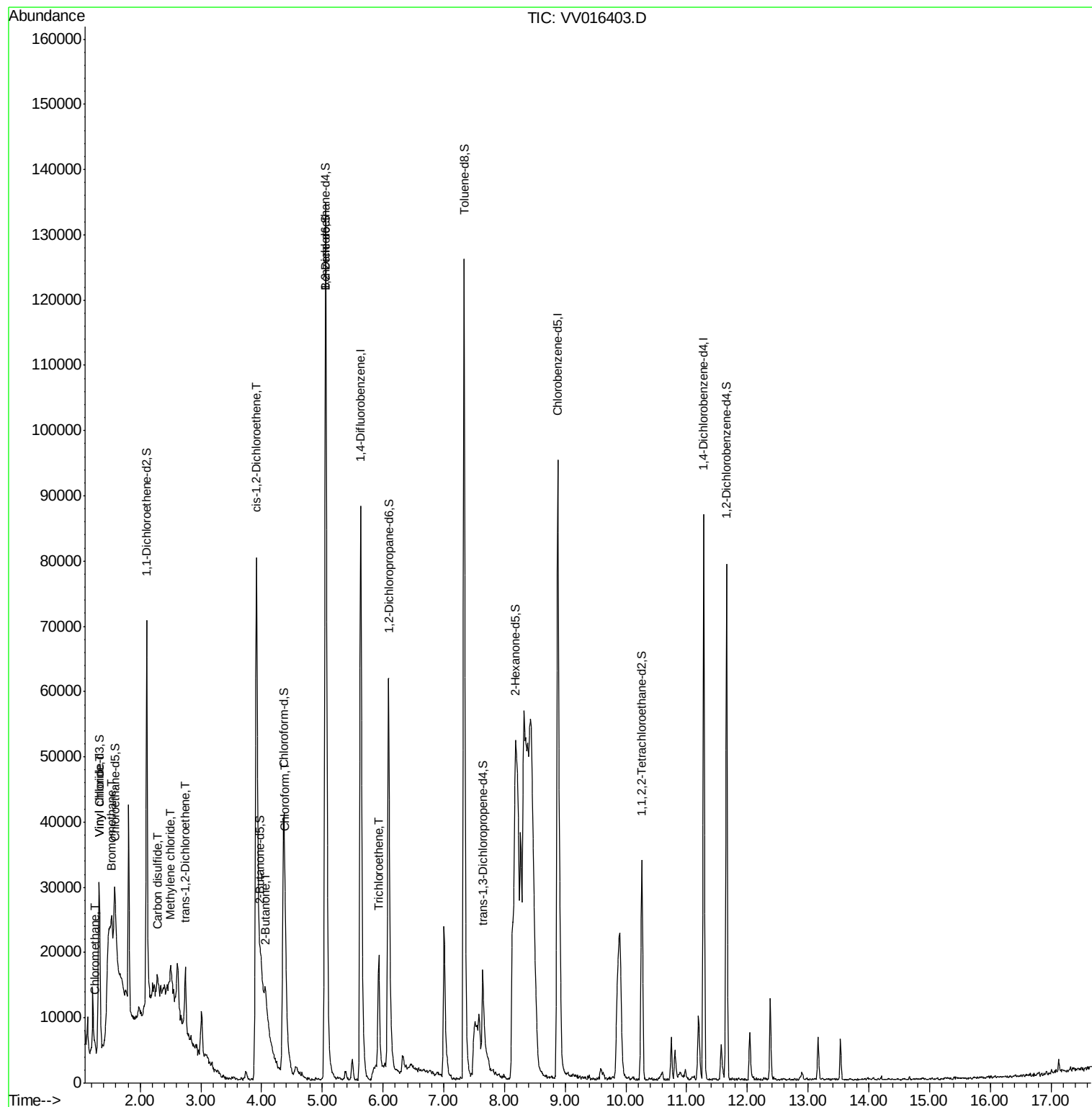
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
Data File : VV016403.D
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Operator : SY/MD
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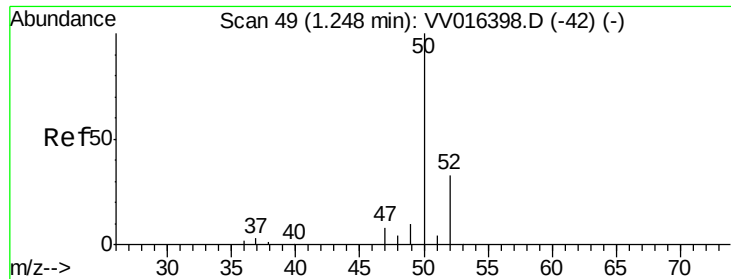
Instrument :
MSVOA_V
ClientSampleId :
CWKC3DL

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Quant Time: Jun 02 02:03:25 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 01:13:11 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.119 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016403.D

Acq: 01 Jun 2020 11:37

Instrument :

MSVOA_V

ClientSampled :

CWKC3DL

Tot Ion: 50 Resp: 992

Ion Ratio Lower Upper

50 100

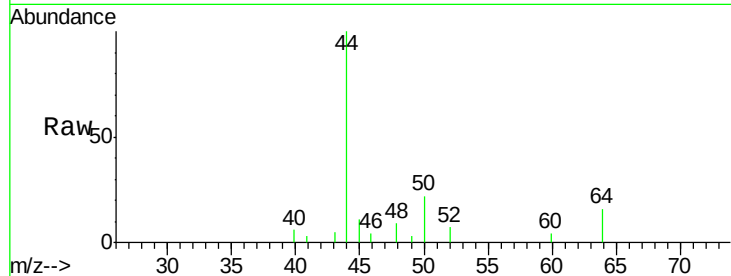
52 32.6 23.1 42.9

Manual Integrations

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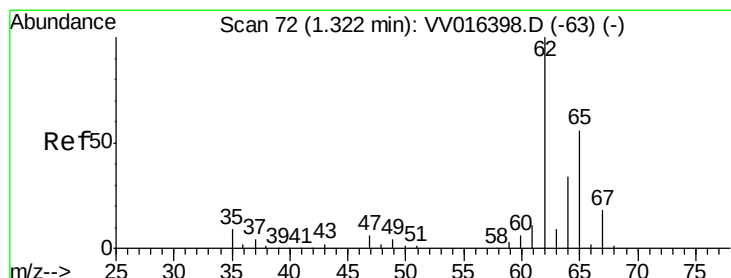
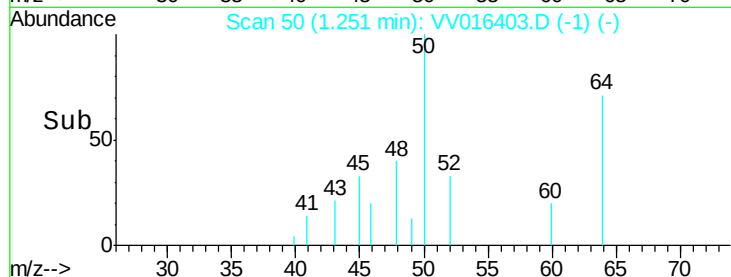
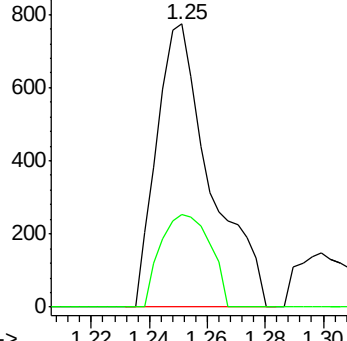
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Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 0.377 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV016403.D

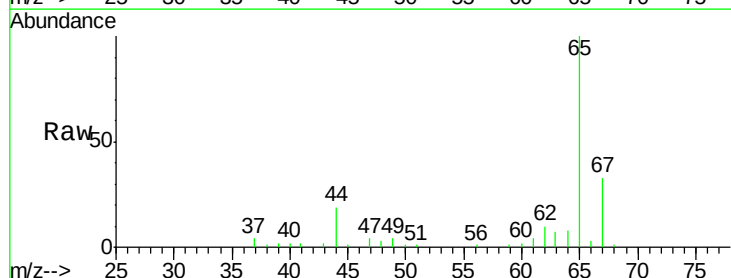
Acq: 01 Jun 2020 11:37

Tgt Ion: 62 Resp: 2809

Ion Ratio Lower Upper

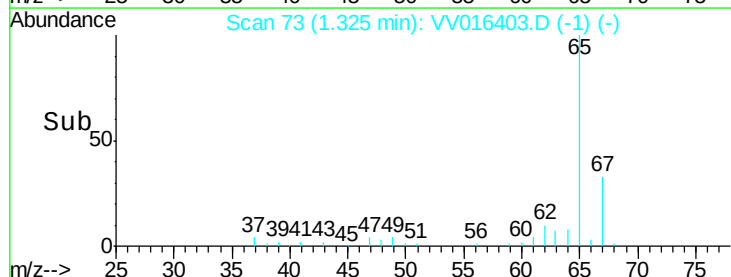
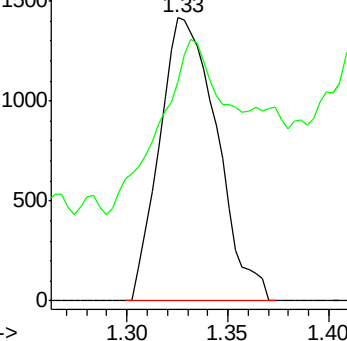
62 100

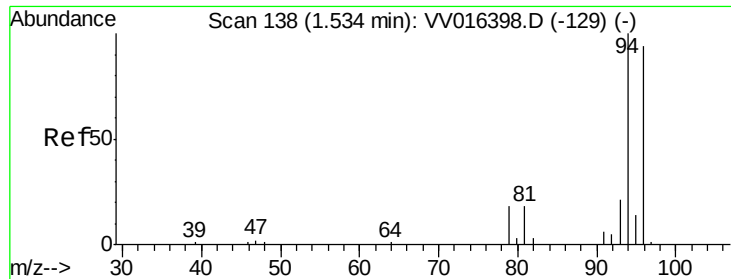
64 77.6 23.1 42.9#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#6

Bromomethane

Concen: 0.389 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV016403.D

Acq: 01 Jun 2020 11:37

Instrument :

MSVOA_V

ClientSampleId :

CWKC3DL

Tot Ion: 94 Resp: 1626

Ion Ratio Lower Upper

94 100

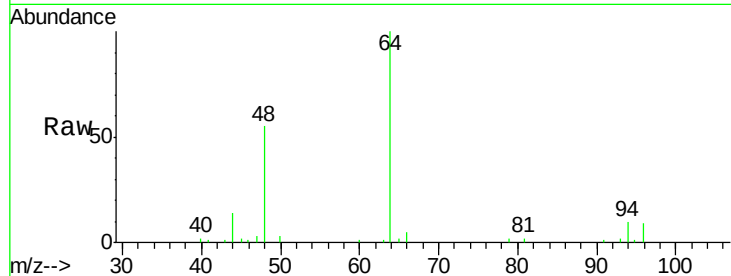
96 88.0 67.0 124.4

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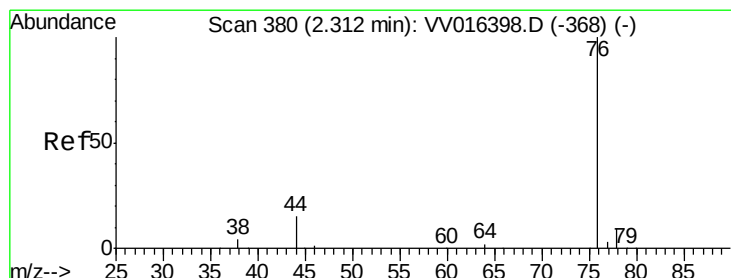
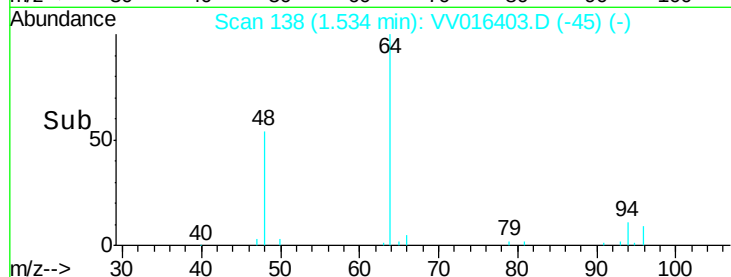
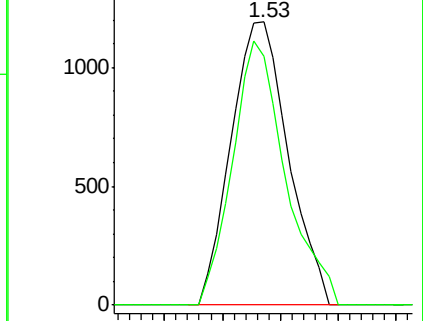
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Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#14

Carbon disulfide

Concen: 0.192 ug/L

RT: 2.29 min Scan# 372

Delta R.T. -0.03 min

Lab File: VV016403.D

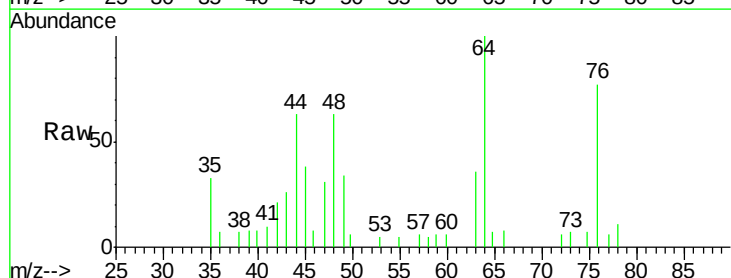
Acq: 01 Jun 2020 11:37

Tgt Ion: 76 Resp: 3141

Ion Ratio Lower Upper

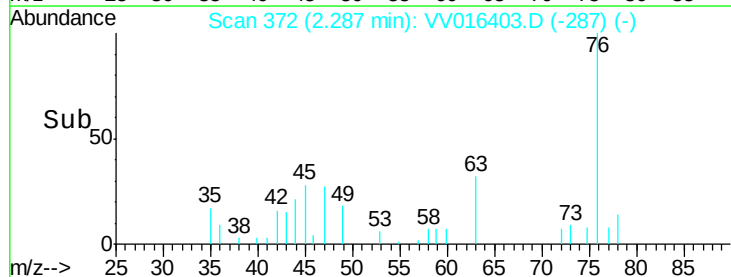
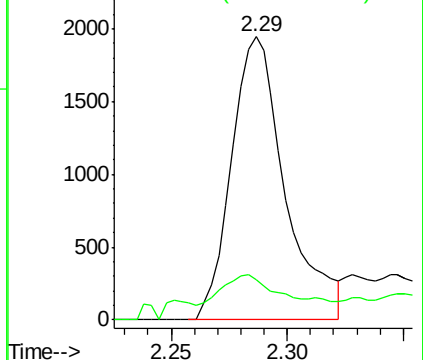
76 100

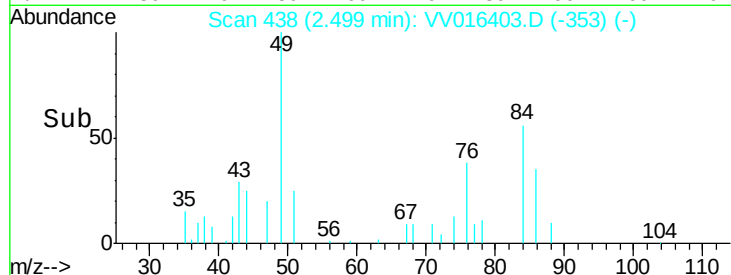
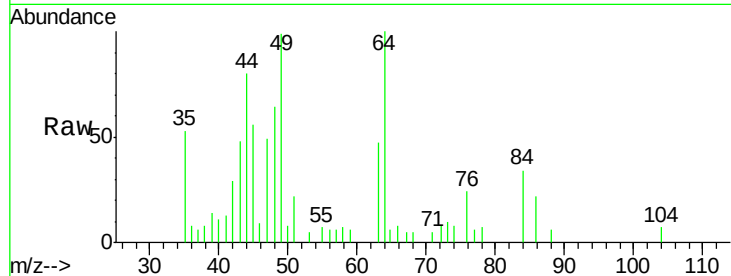
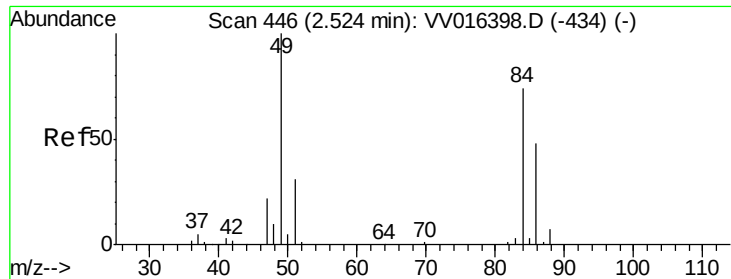
78 14.3 6.8 10.2#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





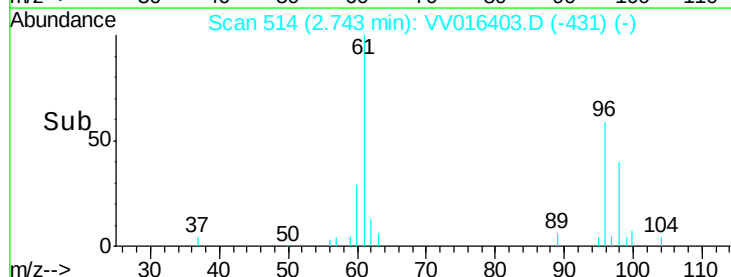
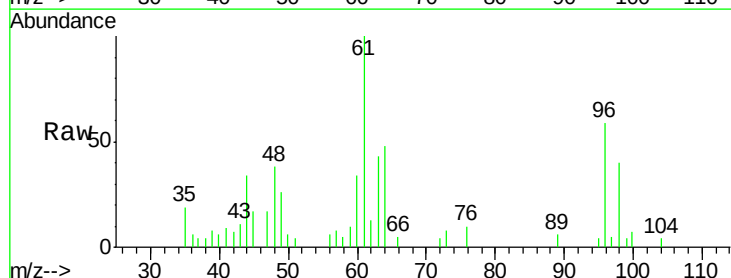
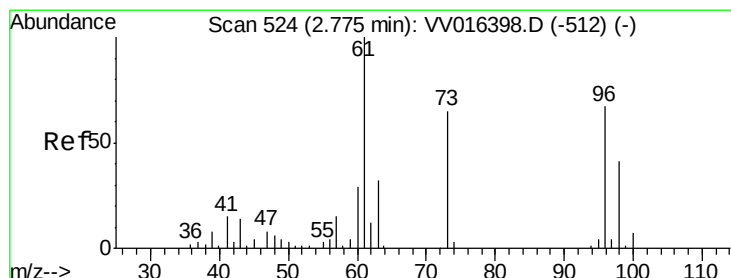
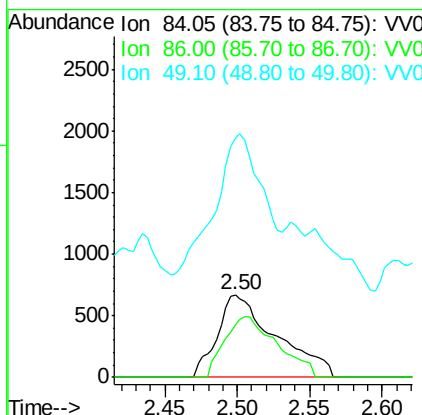
#16
Methylene chloride
Concen: 0.328 ug/L
RT: 2.50 min Scan# 438
Delta R.T. -0.03 min
Lab File: VV016403.D
Acq: 01 Jun 2020 11:37

Tot Ion	Ratio	Lower	Upper
84	100		
86	63.8	44.5	82.7
49	290.2	92.3	171.3#

Instrument :
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ClientSampled :
CWKC3DL

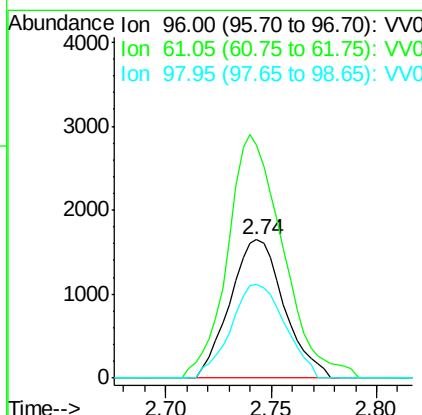
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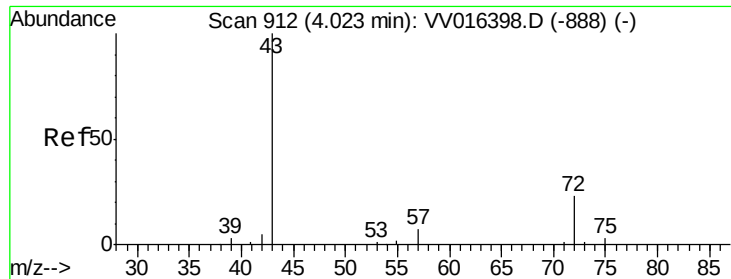
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#18
trans-1,2-Dichloroethene
Concen: 0.516 ug/L
RT: 2.74 min Scan# 514
Delta R.T. -0.03 min
Lab File: VV016403.D
Acq: 01 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.4	103.1	191.5
98	67.7	43.0	79.8





#21

2-Butanone

Concen: 16.428 ug/L

RT: 4.07 min Scan# 927

Delta R.T. 0.05 min

Lab File: VV016403.D

Acq: 01 Jun 2020 11:37

Instrument :

MSVOA_V

ClientSampled :

CWKC3DL

Tot Ion: 43 Resp: 25677

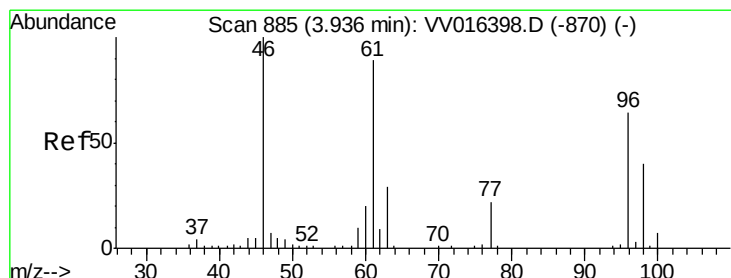
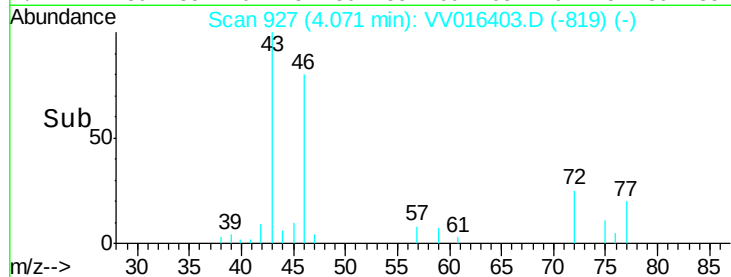
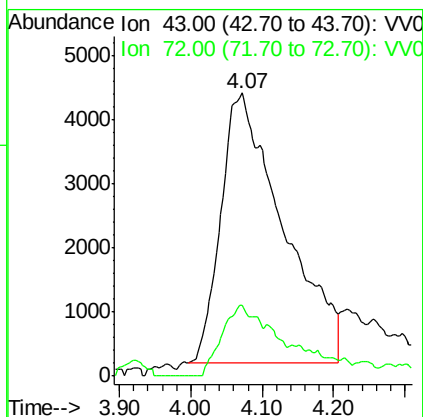
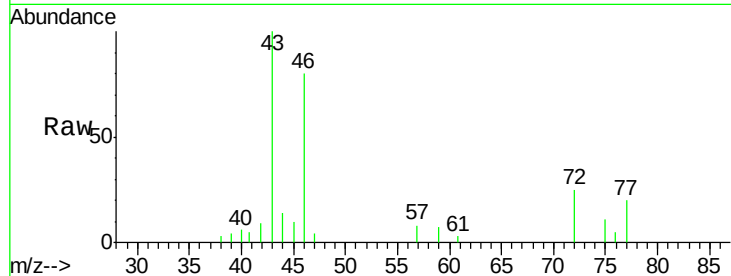
Ion Ratio Lower Upper

43 100

72 15.3 11.2 33.6

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#22

cis-1,2-Dichloroethene

Concen: 7.974 ug/L

RT: 3.92 min Scan# 879

Delta R.T. -0.02 min

Lab File: VV016403.D

Acq: 01 Jun 2020 11:37

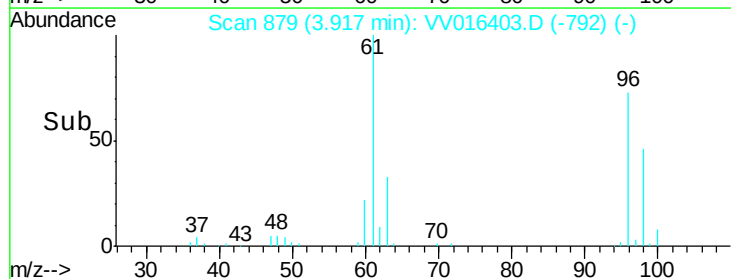
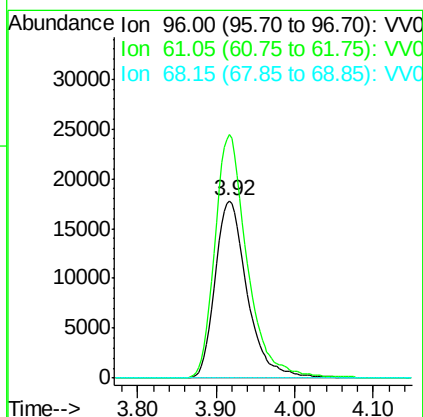
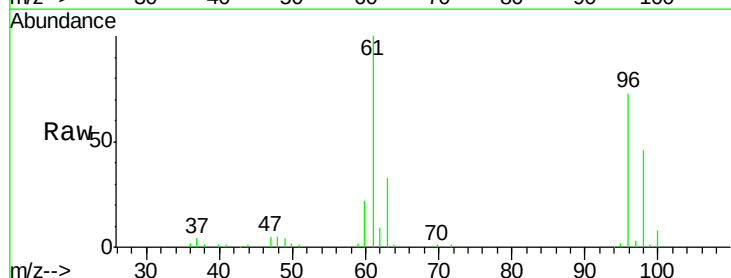
Tgt Ion: 96 Resp: 50158

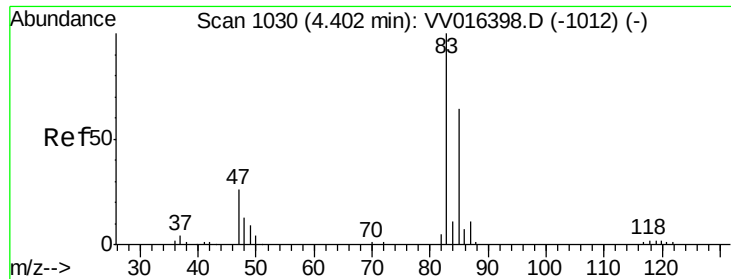
Ion Ratio Lower Upper

96 100

61 137.3 94.8 176.0

68 0.0 0.0 0.0





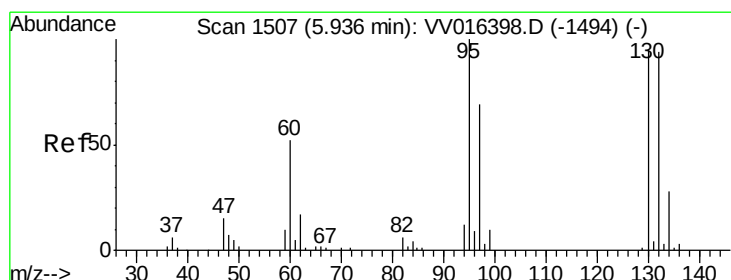
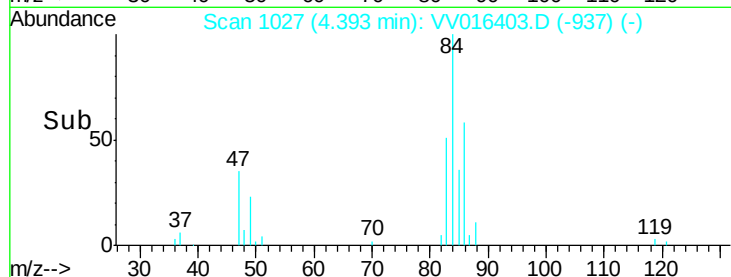
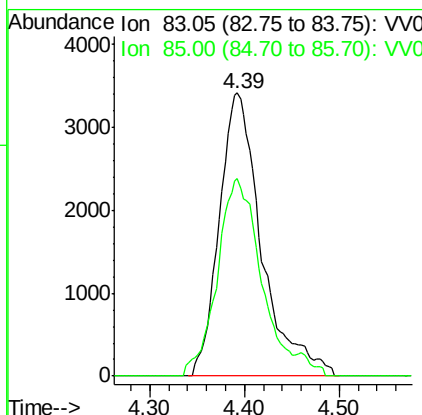
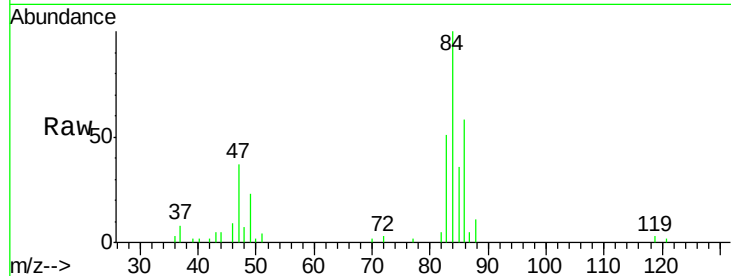
#25
Chloroform
Concen: 0.943 ug/L
RT: 4.39 min Scan# 1027
Delta R.T. -0.01 min
Lab File: VV016403.D
Acq: 01 Jun 2020 11:37

Instrument :
MSVOA_V
ClientSampled :
CWKC3DL

Tot Ion: 83 Resp: 10628
Ion Ratio Lower Upper
83 100
85 69.9 45.8 85.2

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#34
Trichloroethene
Concen: 1.121 ug/L
RT: 5.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: VV016403.D
Acq: 01 Jun 2020 11:37

Tgt Ion: 95 Resp: 6260
Ion Ratio Lower Upper
95 100
97 60.6 42.6 79.0
132 91.0 59.6 110.8
130 96.1 64.8 120.4

