

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
 Data File : VV016371.D
 Acq On : 30 May 2020 19:49
 Operator : SY/MD
 Sample : L2826-06DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleID :
 CWKB9DL

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 11:01:53 AM

Quant Time: Jun 01 06:38:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 05:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	77642	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	71260	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	31378	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32863	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	23756	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	43341	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.96	46	79281	54.06	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.12%
24) Chloroform-d	4.38	84	52480	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.06	65	28962	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.07	84	105145	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.10	67	30743	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.34	98	92576	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
45) trans-1,3-Dichloropropene-	7.64	79	11082	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
48) 2-Hexanone-d5	8.12	63	60424	57.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.18%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22449	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	28520	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	2169	0.280 ug/L	99
5) Vinyl chloride	1.32	62	3138	0.453 ug/L #	1
14) Carbon disulfide	2.31	76	2067m	0.136 ug/L	
15) Methyl Acetate	2.46	43	4239	1.712 ug/L #	90
18) trans-1,2-Dichloroethene	2.78	96	5957	1.123 ug/L	96
21) 2-Butanone	4.05	43	2075m	1.426 ug/L	
22) cis-1,2-Dichloroethene	3.94	96	12296	2.100 ug/L	92
25) Chloroform	4.41	83	2544	0.243 ug/L	98
34) Trichloroethene	5.94	95	2191	0.396 ug/L	94

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

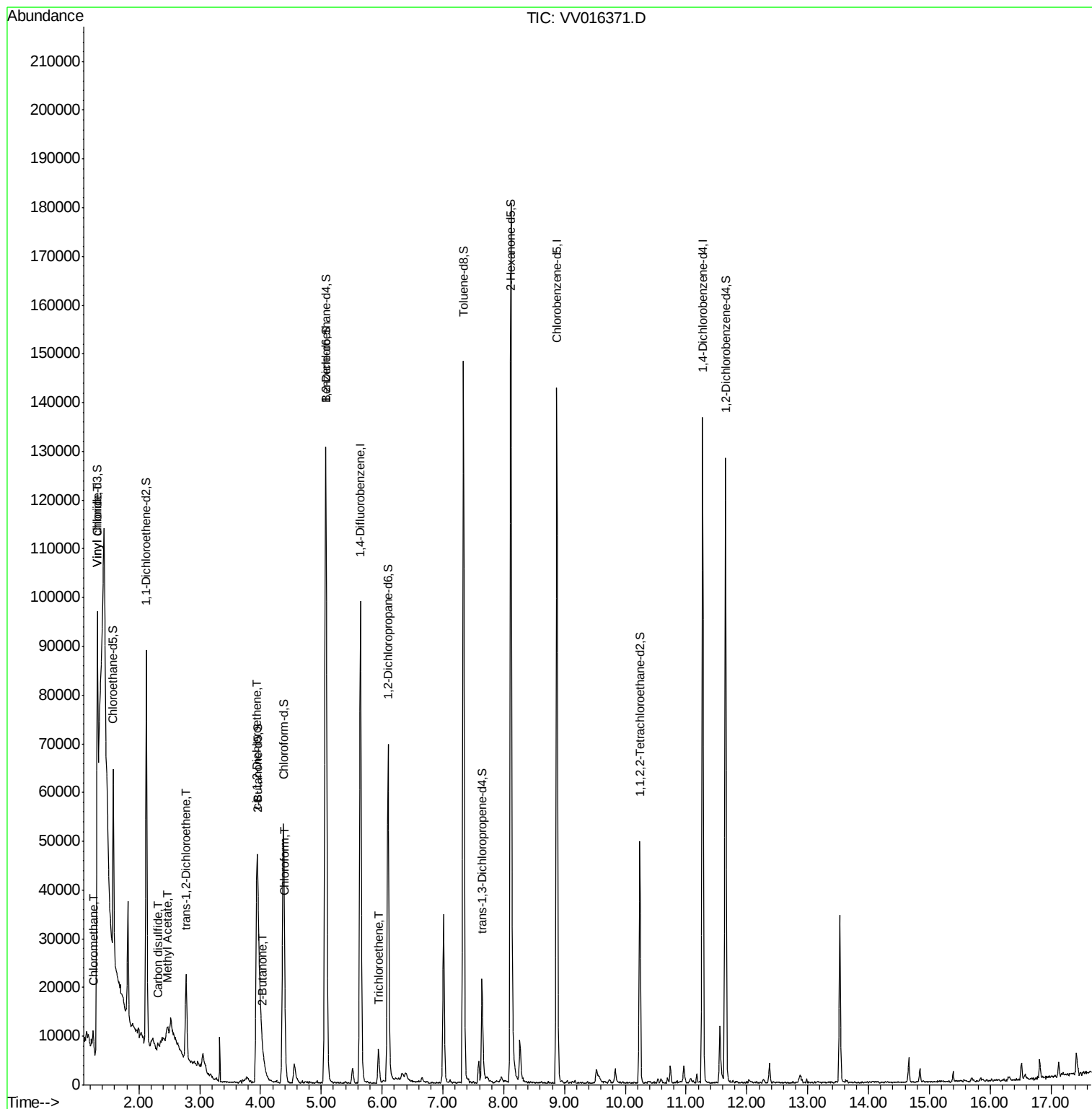
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016371.D
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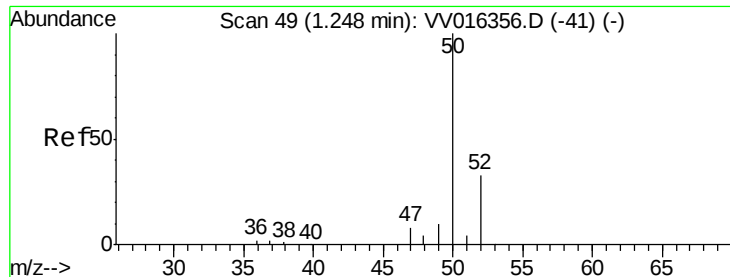
Instrument :
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Quant Time: Jun 01 06:38:12 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.280 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV016371.D

Acq: 30 May 2020 19:49

Instrument :

MSVOA_V

ClientSampleId :

CWKB9DL

Tot Ion: 50 Resp: 2169

Ion Ratio Lower Upper

50 100

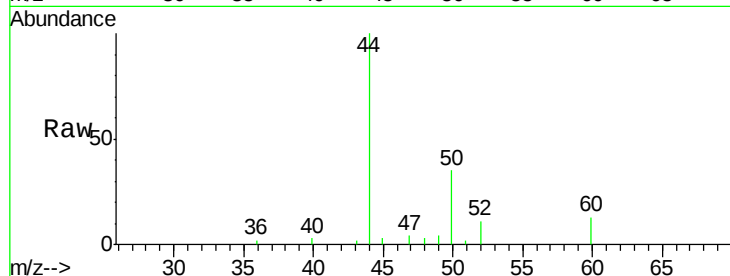
52 32.5 23.1 42.9

Manual Integrations

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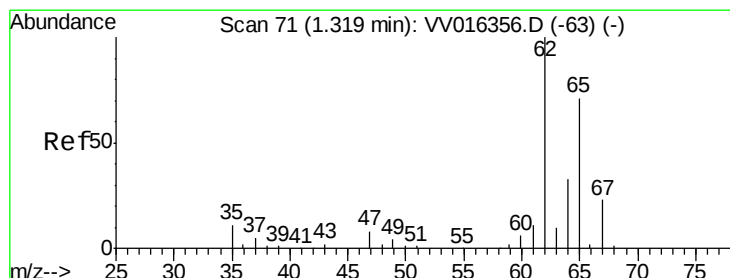
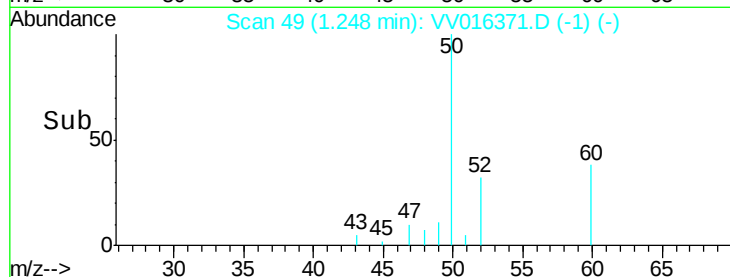
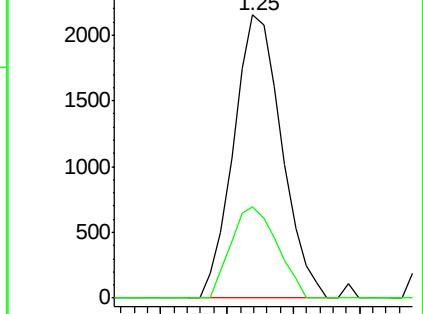
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Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 0.453 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016371.D

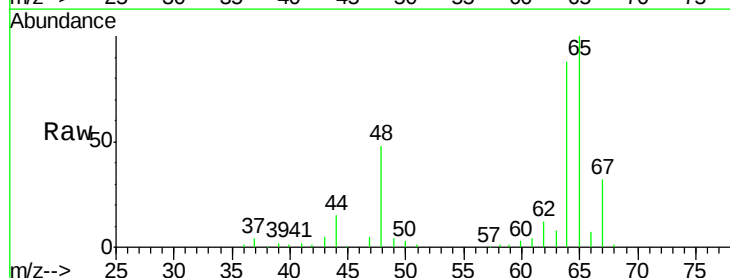
Acq: 30 May 2020 19:49

Tgt Ion: 62 Resp: 3138

Ion Ratio Lower Upper

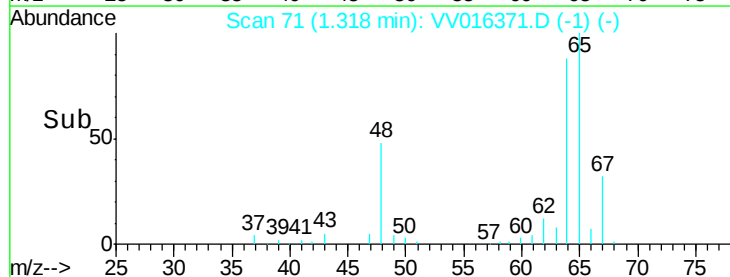
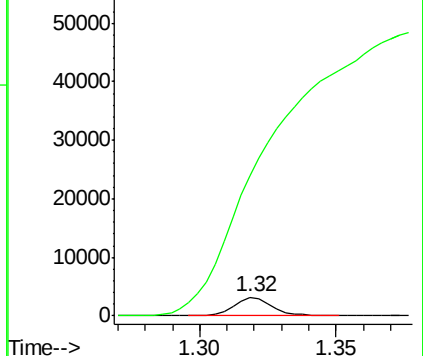
62 100

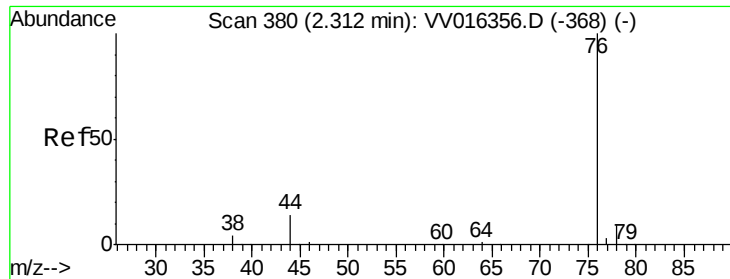
64 756.2 23.1 42.9#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#14

Carbon disulfide

Concen: 0.136 ug/L m

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV016371.D

Acq: 30 May 2020 19:49

Instrument :

MSVOA_V

ClientSampled :

CWKB9DL

Tot Ion: 76 Resp: 2067

Ion Ratio Lower Upper

76 100

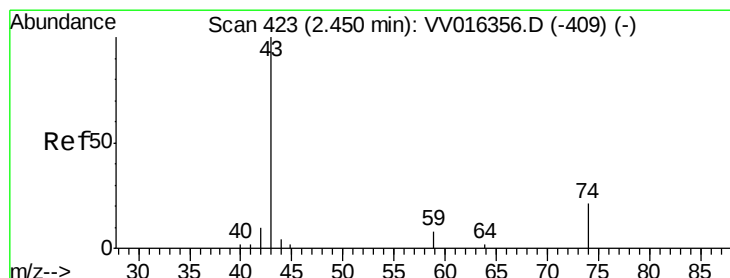
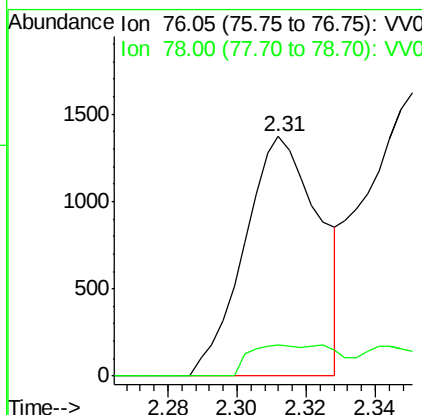
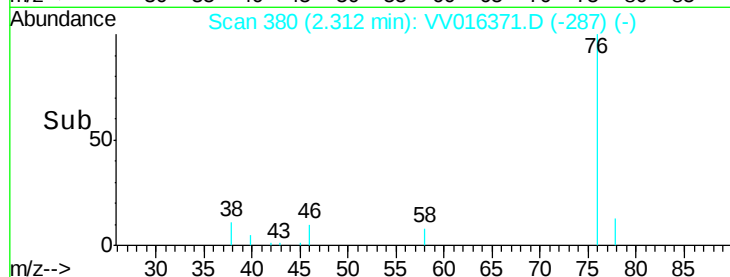
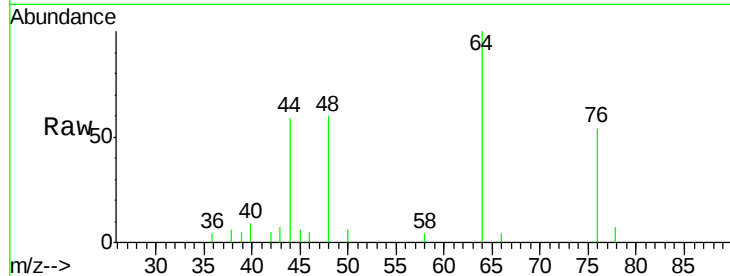
78 13.0 6.8 10.2#

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#15

Methyl Acetate

Concen: 1.712 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: VV016371.D

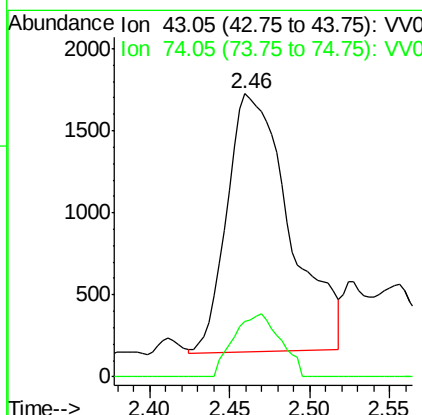
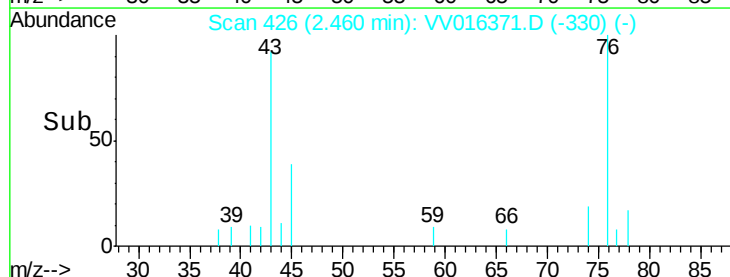
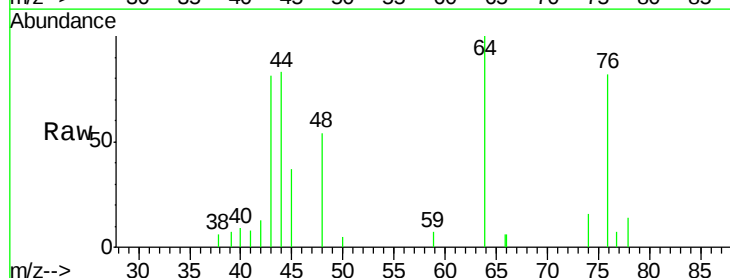
Acq: 30 May 2020 19:49

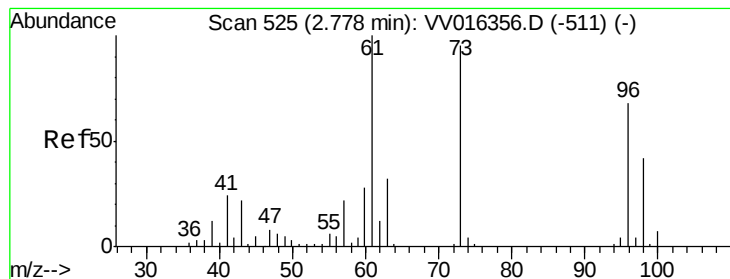
Tgt Ion: 43 Resp: 4239

Ion Ratio Lower Upper

43 100

74 18.2 18.6 28.0#





#18

trans-1,2-Dichloroethene

Concen: 1.123 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV016371.D

Acq: 30 May 2020 19:49

Instrument :

MSVOA_V

ClientSampleId :

CWKB9DL

Tot Ion: 96 Resp: 5957

Ion Ratio Lower Upper

96 100

61 149.5 103.1 191.5

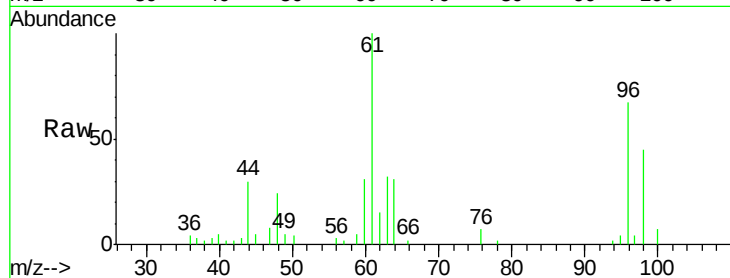
98 67.4 43.0 79.8

Manual Integrations

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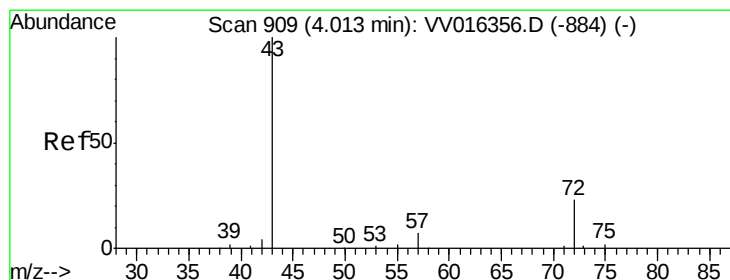
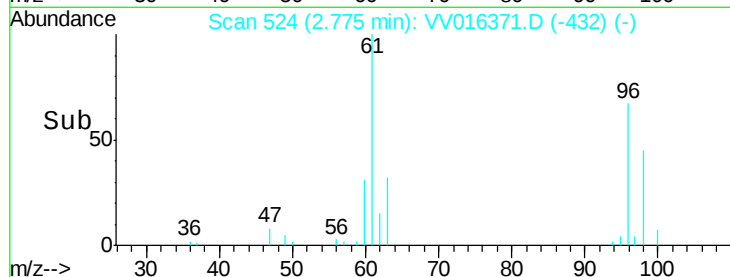
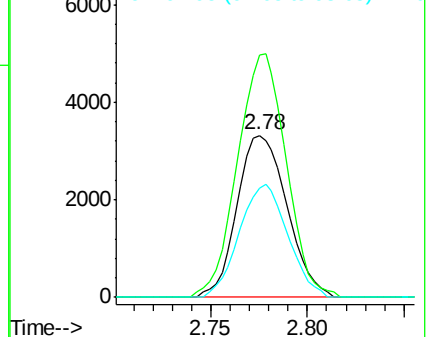
6/1/2020 11:01:53 AM



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#21

2-Butanone

Concen: 1.426 ug/L m

RT: 4.05 min Scan# 920

Delta R.T. 0.04 min

Lab File: VV016371.D

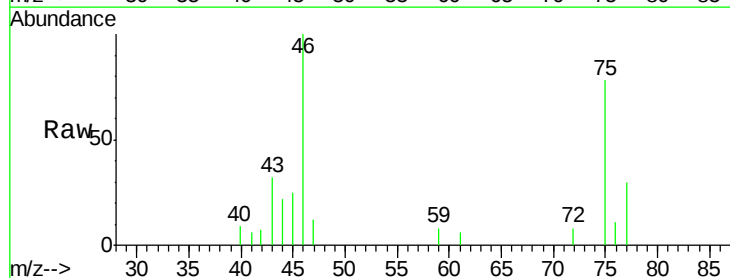
Acq: 30 May 2020 19:49

Tgt Ion: 43 Resp: 2075

Ion Ratio Lower Upper

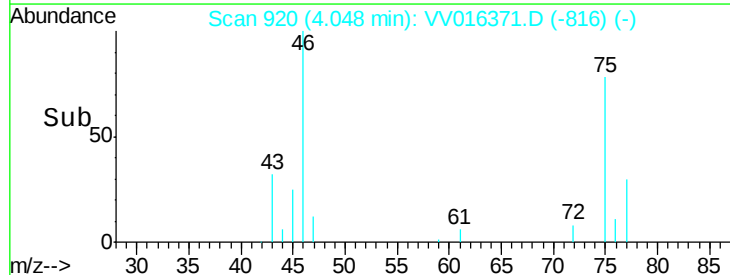
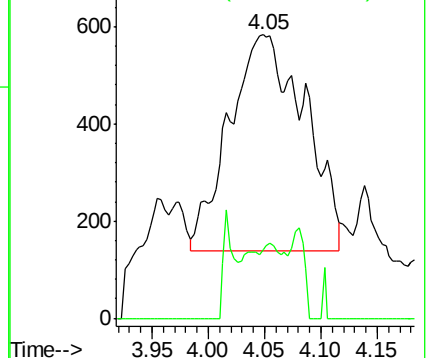
43 100

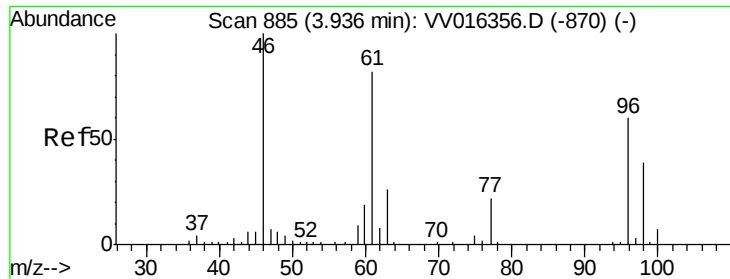
72 6.7 11.2 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0





#22

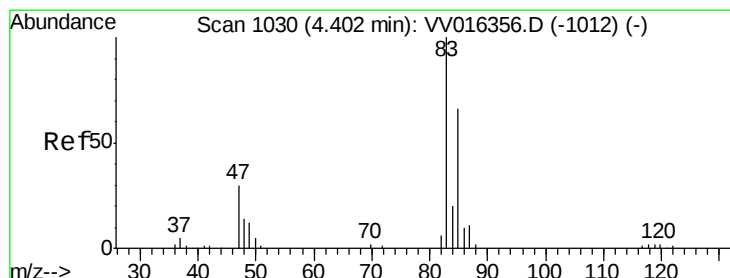
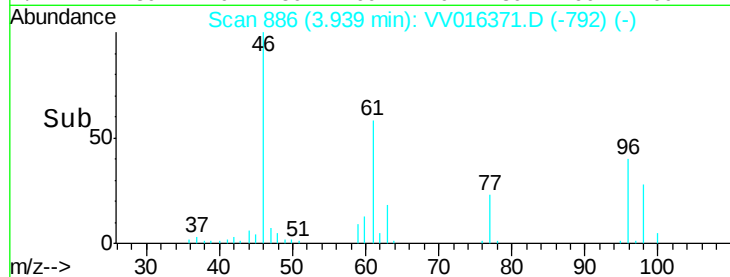
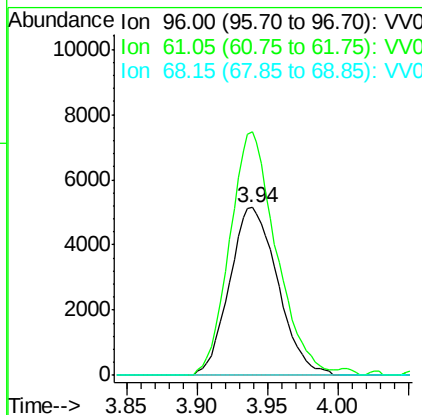
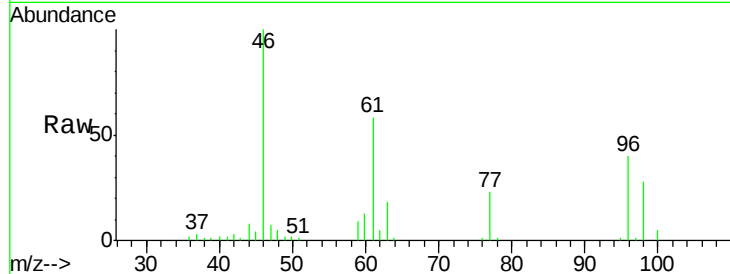
cis-1,2-Dichloroethene
Concen: 2.100 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV016371.D
Acq: 30 May 2020 19:49

Instrument :
MSVOA_V
ClientSampled :
CWKB9DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		12296		
61	145.3		94.8	176.0	
68	0.0		0.0	0.0	

Manual Integrations
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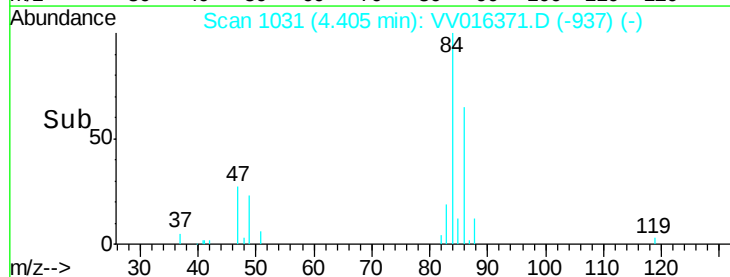
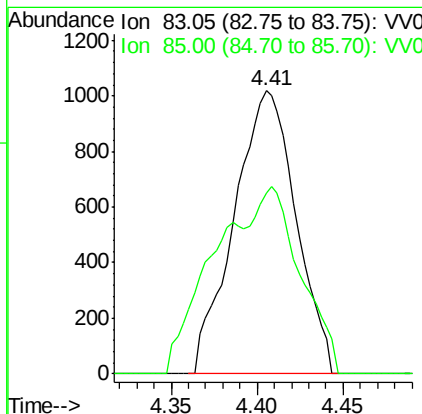
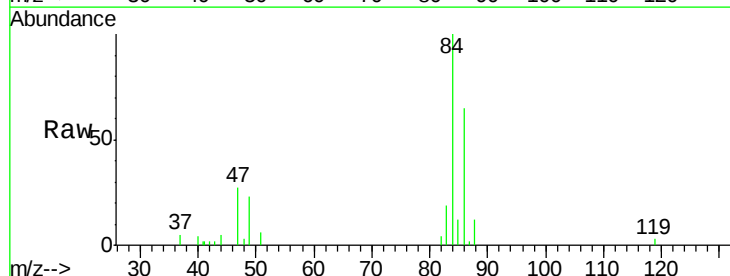
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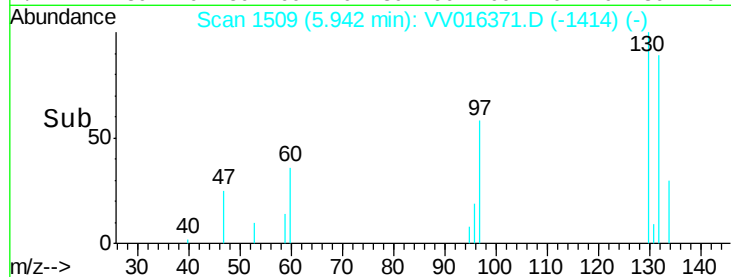
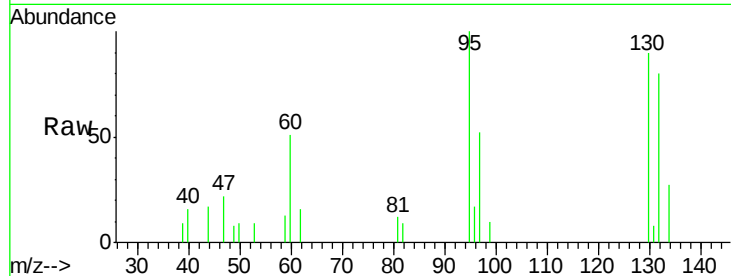
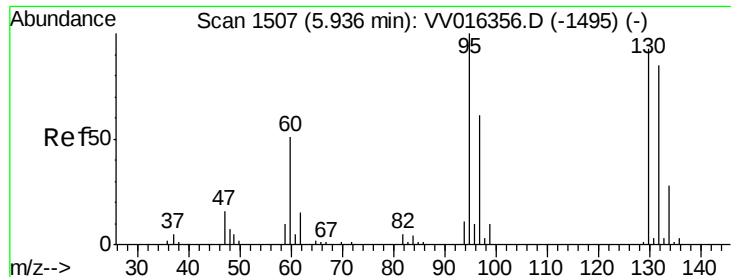


#25

Chloroform
Concen: 0.243 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016371.D
Acq: 30 May 2020 19:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		2544		
85	63.9		45.8	85.2	





#34

Trichloroethene

Concen: 0.396 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016371.D

Acq: 30 May 2020 19:49

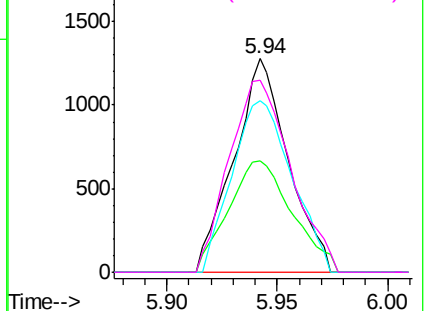
Tot Ion	Ratio	Lower	Upper
95	100		
97	52.4	42.6	79.0
132	80.1	59.6	110.8
130	90.2	64.8	120.4

Abundance Ion 95.00 (94.70 to 95.70): VV016356.D (-1495) (-)

Ion 96.95 (96.65 to 97.65): VV016356.D (-1495) (-)

Ion 131.95 (131.65 to 132.65): VV016356.D (-1495) (-)

Ion 129.95 (129.65 to 130.65): VV016356.D (-1495) (-)



Instrument :

MSVOA_V

ClientSampleId :

CWKB9DL

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