

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016692.D
 Acq On : 09 Jun 2020 04:30
 Operator : SY/MD
 Sample : L2901-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR3

Manual Integrations
 APPROVED

MMDadoda
 6/10/2020 11:39:15 AM

Quant Time: Jun 09 05:50:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:40:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342735	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152685	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	164462m	68.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	136.00%#
7) Chloroethane-d5	1.56	69	57670	39.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.48%
11) 1,1-Dichloroethene-d2	2.12	63	159433	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.52%
21) 2-Butanone-d5	3.92	46	213339	119.19	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.19%
24) Chloroform-d	4.38	84	232494	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	5.05	65	167810	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
32) Benzene-d6	5.07	84	449652	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.09	67	140978	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.36%
41) Toluene-d8	7.34	98	407926	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%
43) trans-1,3-Dichloropropene-	7.64	79	67408	44.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.38%
47) 2-Hexanone-d5	8.11	63	144272	114.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	197812	51.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	170201	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	8764558	3586.687 ug/L	92
12) 1,1-Dichloroethene	2.13	96	29572	17.384 ug/L #	43
13) Acetone	2.18	43	4714	3.997 ug/L	88
14) Carbon disulfide	2.32	76	7911m	1.284 ug/L	
15) Methyl Acetate	2.44	43	86786	33.016 ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	113073	48.752 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	19571402	7740.175 ug/L	86

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

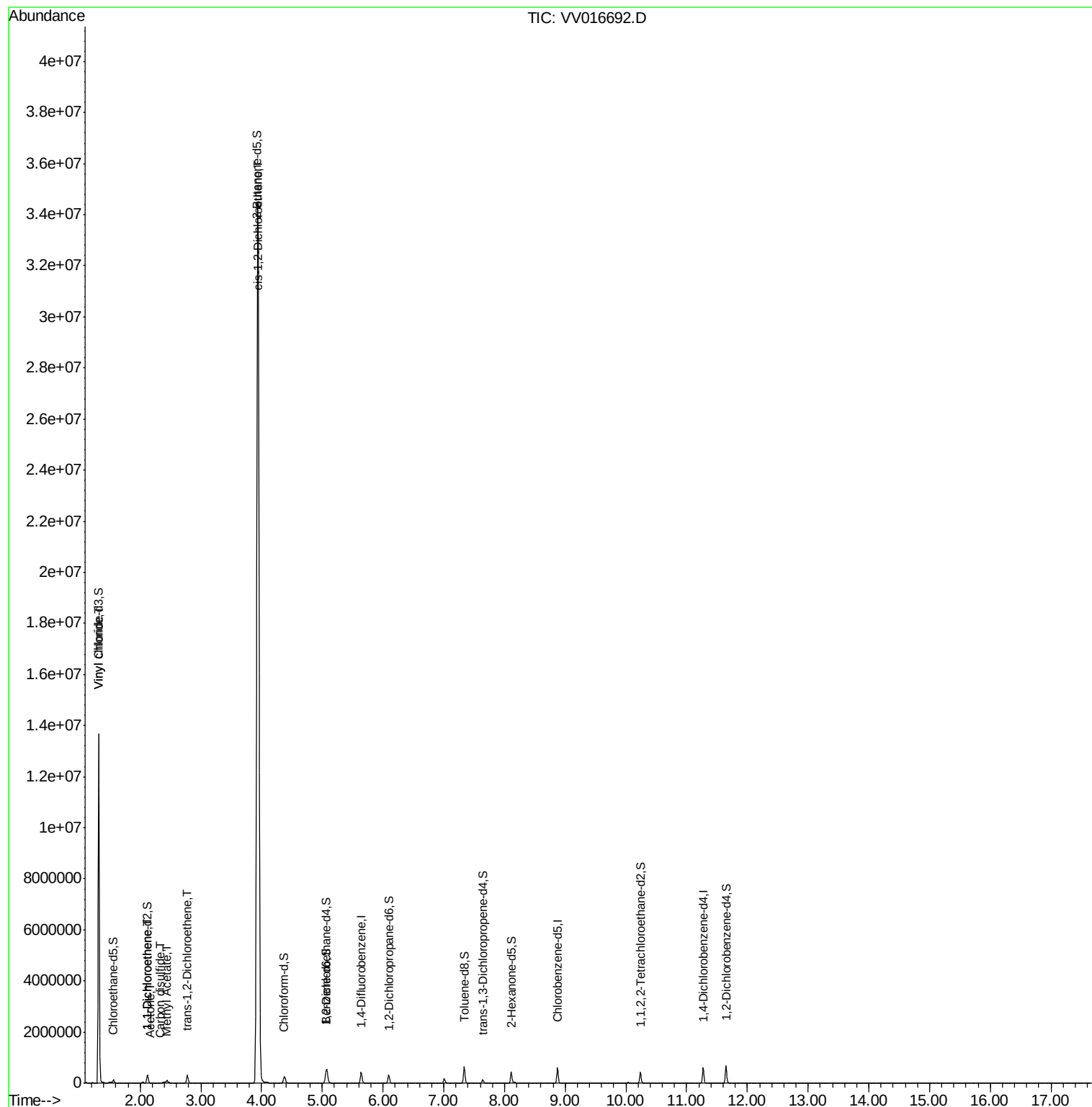
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
Data File : VV016692.D
Acq On : 09 Jun 2020 04:30
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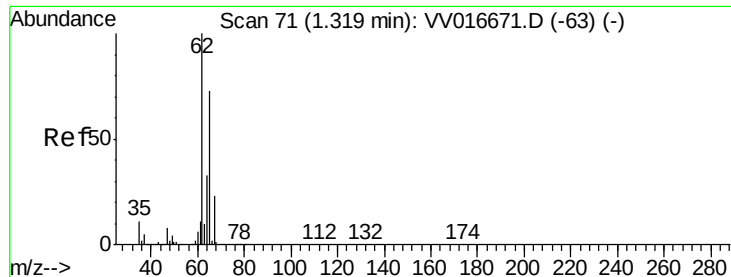
Instrument :
MSVOA_V
ClientSampleId :
ETTR3

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Quant Time: Jun 09 05:50:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 03:40:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3586.687 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016692.D

Acq: 09 Jun 2020 04:30

Instrument :

MSVOA_V

ClientSampleId :

ETTR3

Tot Ion: 62 Resp: 8764558

Ion Ratio Lower Upper

62 100

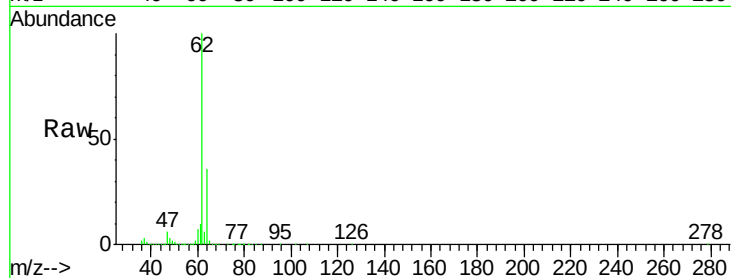
64 36.1 22.3 41.5

Manual Integrations

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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

8000000

6000000

4000000

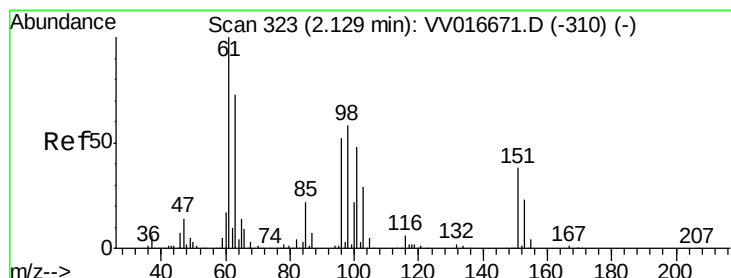
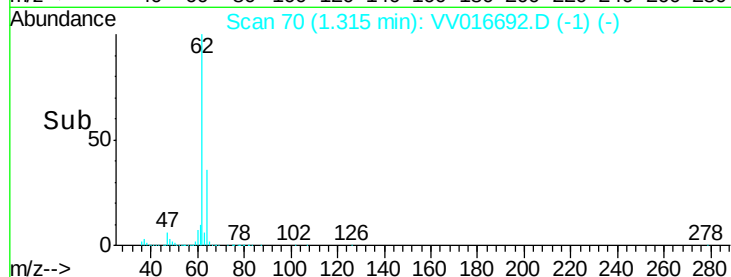
2000000

0

1.30

1.40

Time-->



#12

1,1-Dichloroethene

Concen: 17.384 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016692.D

Acq: 09 Jun 2020 04:30

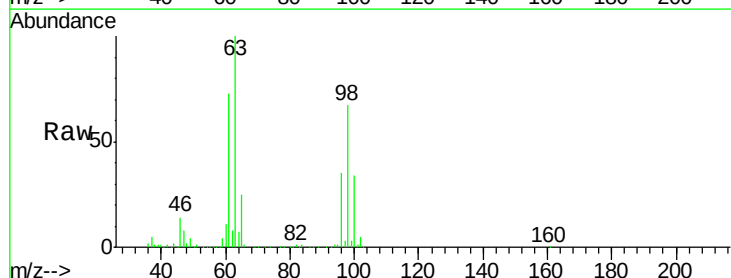
Tgt Ion: 96 Resp: 29572

Ion Ratio Lower Upper

96 100

61 208.8 130.4 242.2

63 285.1 103.3 191.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

100000

50000

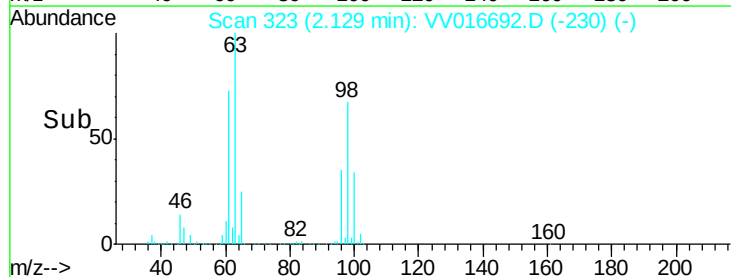
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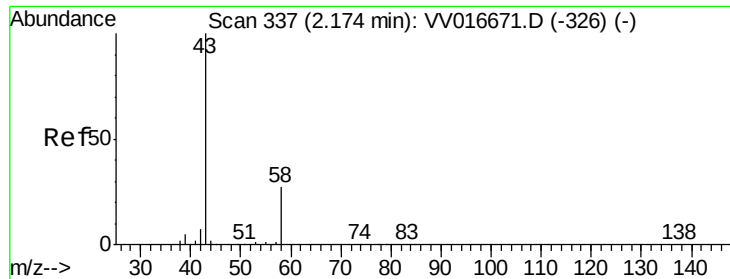
2.10

2.15

2.20

Time-->





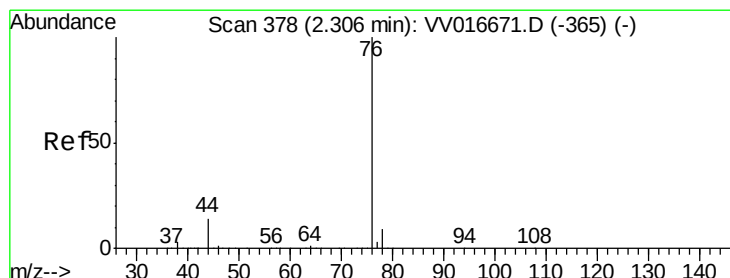
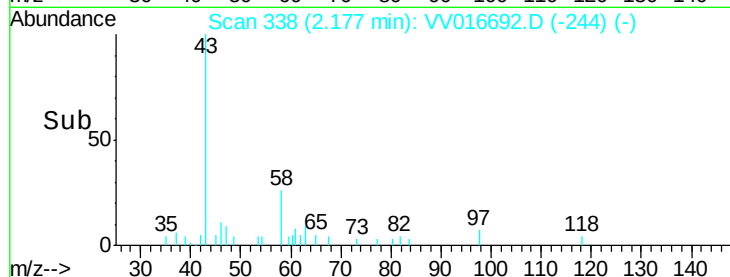
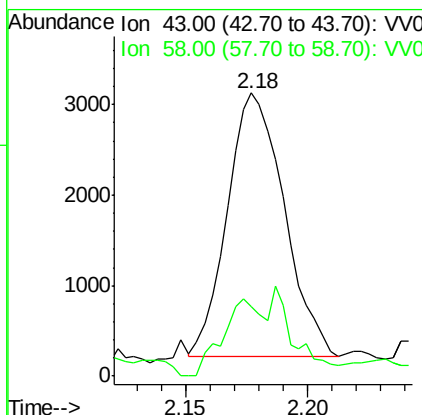
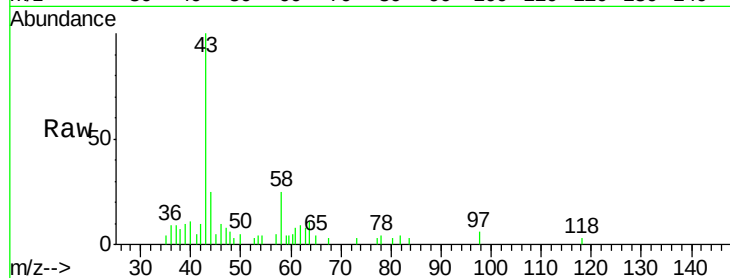
#13
Acetone
Concen: 3.997 ug/L
RT: 2.18 min Scan# 338
Delta R.T. 0.00 min
Lab File: VV016692.D
Acq: 09 Jun 2020 04:30

Instrument :
MSVOA_V
ClientSampleId :
ETTR3

Tot Ion	43	Resp	4714
Ion Ratio	100	Lower	Upper
43	100		
58	21.3	0.0	55.2

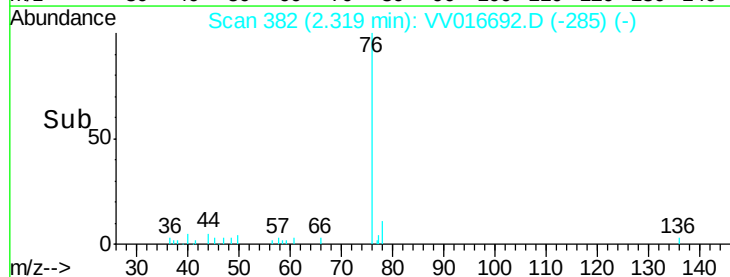
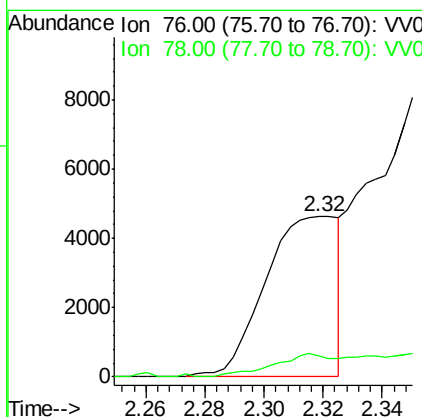
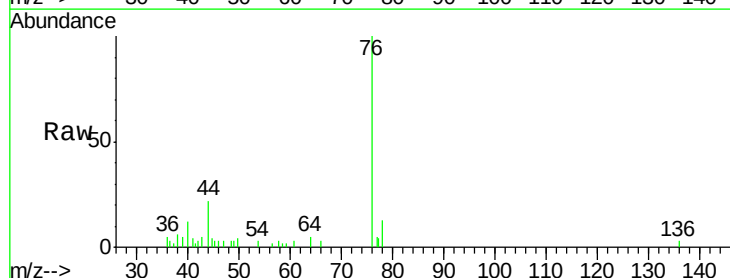
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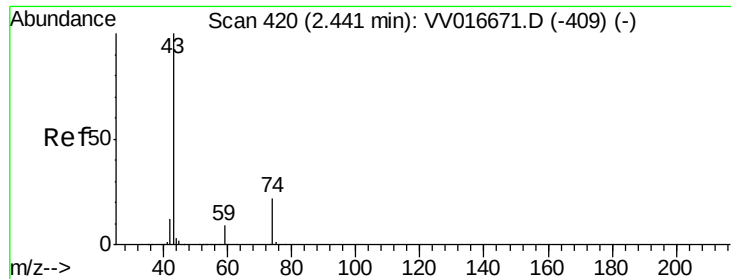
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#14
Carbon disulfide
Concen: 1.284 ug/L m
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VV016692.D
Acq: 09 Jun 2020 04:30

Tgt Ion	76	Resp	7911
Ion Ratio	100	Lower	Upper
76	100		
78	13.3	7.4	11.0#





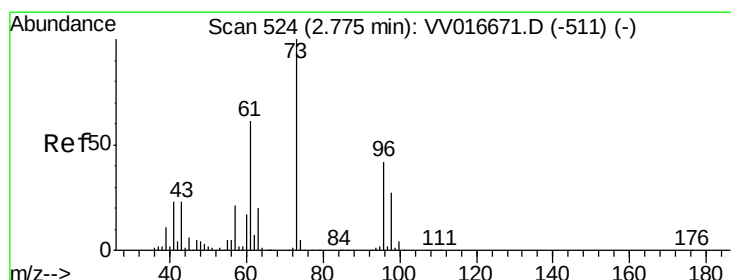
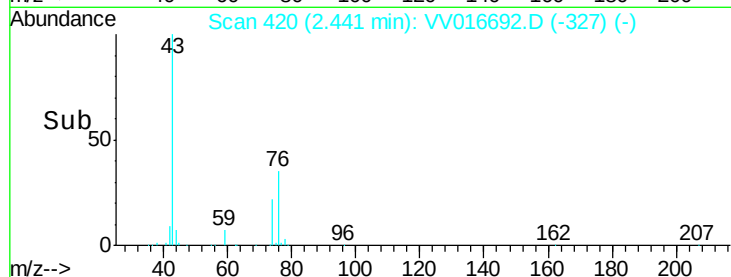
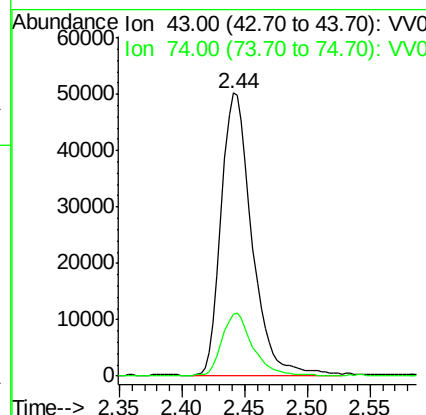
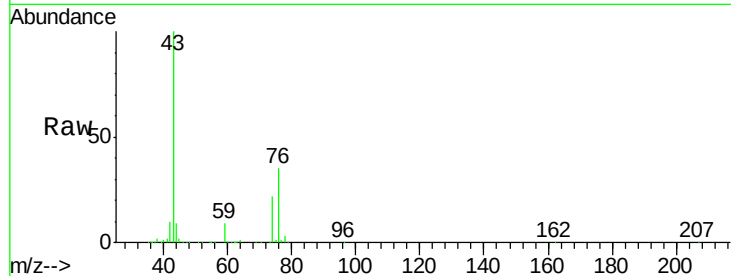
#15
Methvl Acetate
Concen: 33.016 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.00 min
Lab File: VV016692.D
Acq: 09 Jun 2020 04:30

Instrument :
MSVOA_V
ClientSampleId :
ETTR3

Tot Ion: 43 Resp: 86786
Ion Ratio Lower Upper
43 100
74 21.6 17.9 26.9

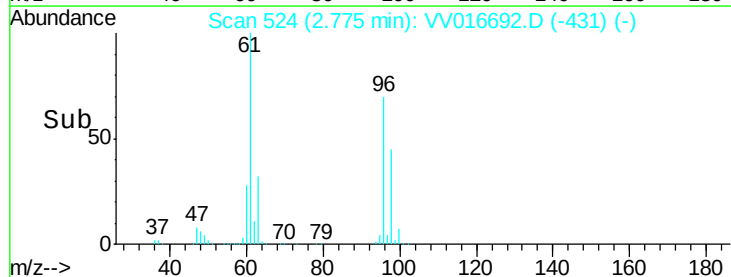
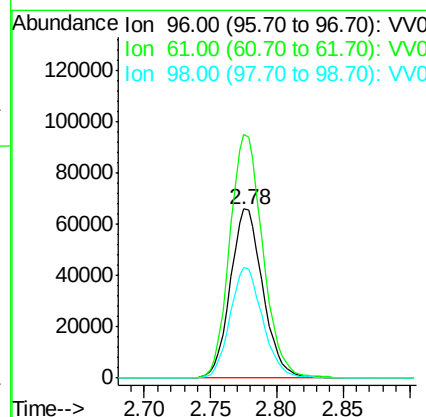
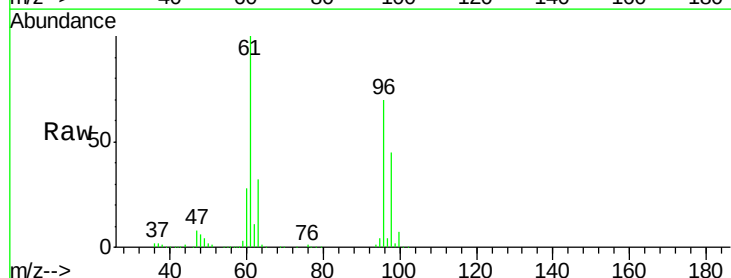
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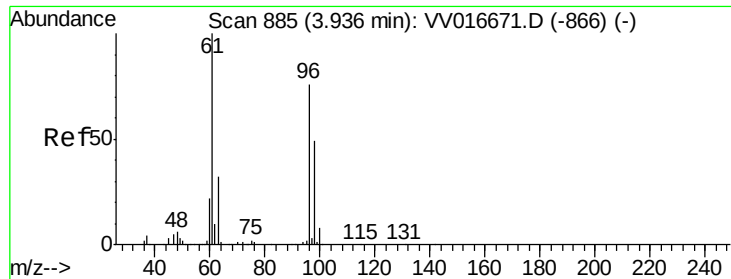
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#17
trans-1,2-Dichloroethene
Concen: 48.752 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV016692.D
Acq: 09 Jun 2020 04:30

Tgt Ion: 96 Resp: 113073
Ion Ratio Lower Upper
96 100
61 143.8 102.9 191.1
98 65.1 45.5 84.5





#20
 cis-1,2-Dichloroethene
 Concen: 7740.175 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV016692.D
 Acq: 09 Jun 2020 04:30

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR3

Tot Ion: 96 Resp:19571402

Ion	Ratio	Lower	Upper
96	100		
61	117.3	93.4	173.4
68	0.0	0.0	0.0

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