

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015196.D
 Acq On : 27 Mar 2020 05:46
 Operator : SY/MD
 Sample : L1976-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTJ2

Manual Integrations
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Quant Time: Mar 27 07:57:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 06:56:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	728046	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	706754	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	297569	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	967982m	247.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	495.62%#
7) Chloroethane-d5	1.58	69	153689	39.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.06%
11) 1,1-Dichloroethene-d2	2.13	63	1884107	211.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	423.06%#
21) 2-Butanone-d5	3.94	46	9899m	2.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	2.55%#
24) Chloroform-d	4.39	84	358959	41.93	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.86%
26) 1,2-Dichloroethane-d4	5.07	65	252612	44.70	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
32) Benzene-d6	5.09	84	723566	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
36) 1,2-Dichloropropane-d6	6.12	67	239009	45.58	ug/L	0.02
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.16%
41) Toluene-d8	7.34	98	666823	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%
43) trans-1,3-Dichloropropene-	7.65	79	91284	31.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.92%
47) 2-Hexanone-d5	8.12	63	253203	82.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	367481	41.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	246864	44.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.86%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.30	62	21709150m	3037.884	ug/L	
12) 1,1-Dichloroethene	2.13	96	2971664m	506.090	ug/L	
13) Acetone	2.23	43	147634m	54.884	ug/L	
14) Carbon disulfide	2.31	76	10378	0.689	ug/L	96
15) Methyl Acetate	2.47	43	348498	62.581	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	3675020	720.158	ug/L	99
19) 1,1-Dichloroethane	3.23	63	19728m	2.093	ug/L	
20) cis-1,2-Dichloroethene	3.92	96	81267366m	14296.433	ug/L	
33) Benzene	5.14	78	68397	3.251	ug/L	100
34) Trichloroethene	5.94	95	57785046m	10542.413	ug/L	
42) Toluene	7.41	91	77124	3.285	ug/L	98

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

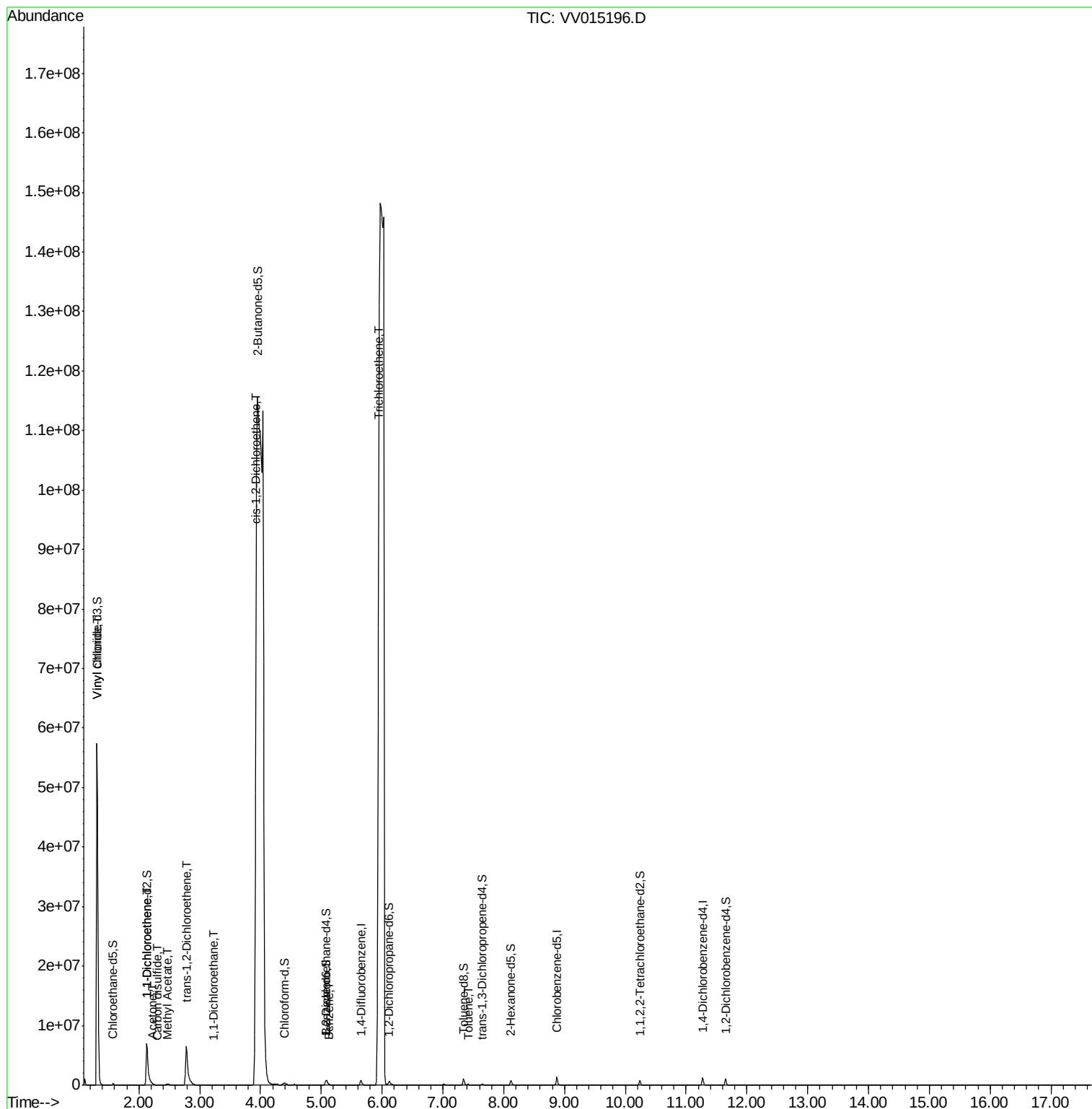
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032620\
Data File : VV015196.D
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ALS Vial : 1 Sample Multiplier: 1

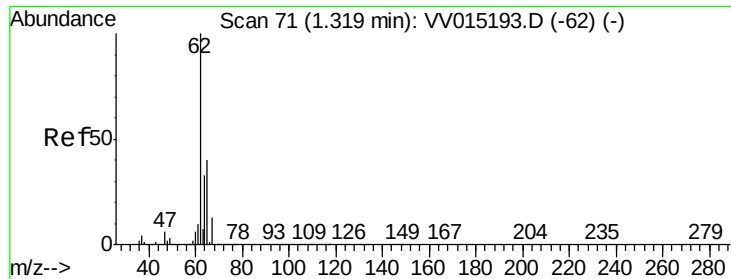
Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Mar 27 06:56:02 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3037.884 ug/L m

RT: 1.30 min Scan# 66

Delta R.T. -0.02 min

Lab File: VV015196.D

Acq: 27 Mar 2020 05:46

Instrument :

MSVOA_V

ClientSampleId :

ETTJ2

Tot Ion: 62 Resp: 21709150

Ion Ratio Lower Upper

62 100

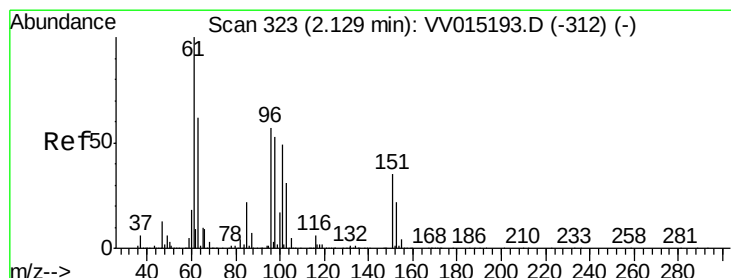
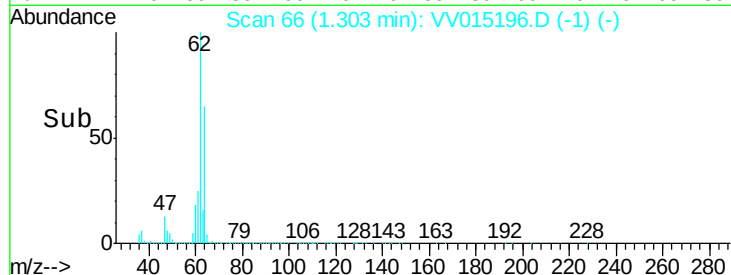
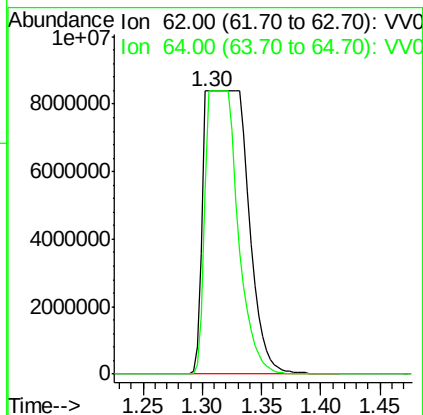
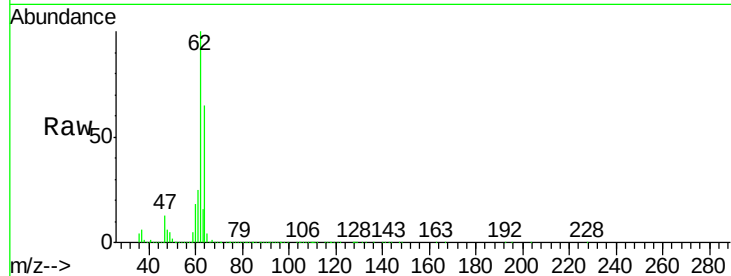
64 65.2 22.8 42.4#

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#12

1,1-Dichloroethene

Concen: 506.090 ug/L m

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015196.D

Acq: 27 Mar 2020 05:46

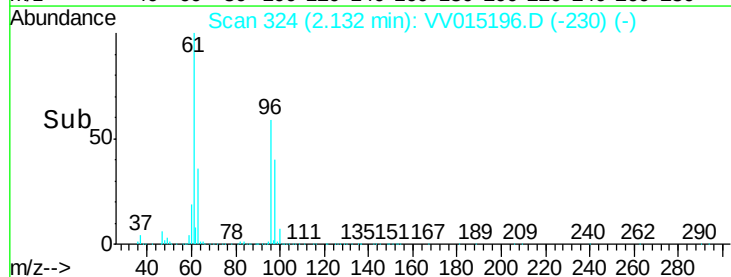
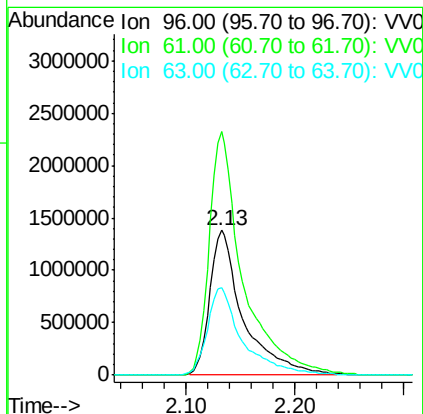
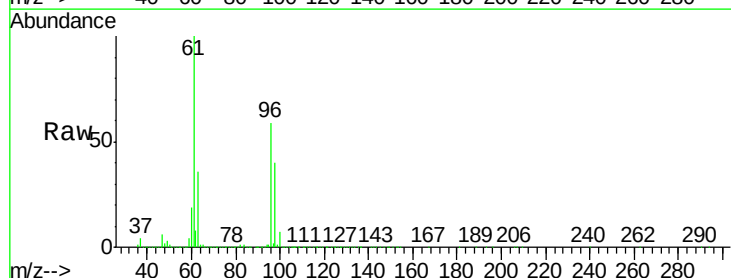
Tgt Ion: 96 Resp: 2971664

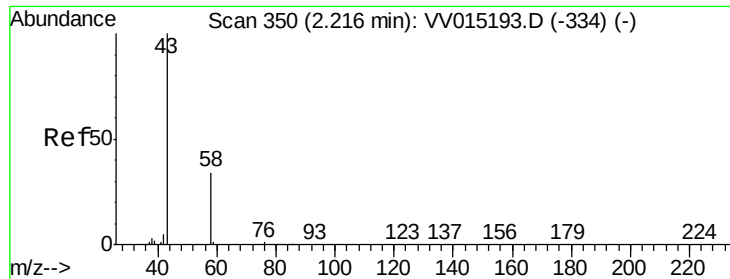
Ion Ratio Lower Upper

96 100

61 168.5 122.3 227.1

63 60.7 67.9 126.1#





#13

Acetone

Concen: 54.884 ug/L m

RT: 2.23 min Scan# 355

Delta R.T. 0.02 min

Lab File: VV015196.D

Acq: 27 Mar 2020 05:46

Instrument :

MSVOA_V

ClientSampled :

ETTJ2

Tot Ion: 43 Resp: 147634

Ion Ratio Lower Upper

43 100

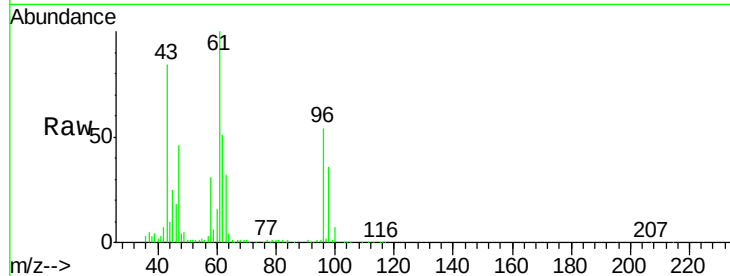
58 0.1 0.0 0.2

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Abundance Ion 43.00 (42.70 to 43.70): VV015196.D (-257) (-)

Ion 58.00 (57.70 to 58.70): VV015196.D (-257) (-)

2.23

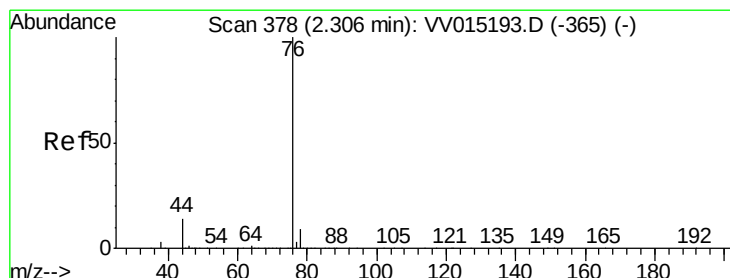
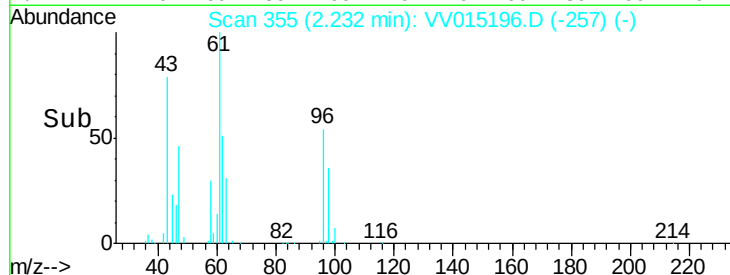
30000

20000

10000

0

Time--> 2.10 2.20 2.30 2.40



#14

Carbon disulfide

Concen: 0.689 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV015196.D

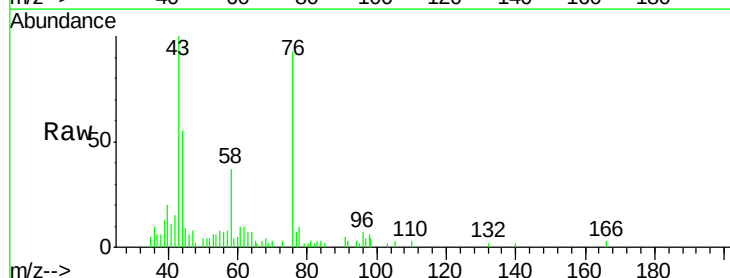
Acq: 27 Mar 2020 05:46

Tgt Ion: 76 Resp: 10378

Ion Ratio Lower Upper

76 100

78 10.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV015196.D (-285) (-)

Ion 78.00 (77.70 to 78.70): VV015196.D (-285) (-)

2.31

5000

4000

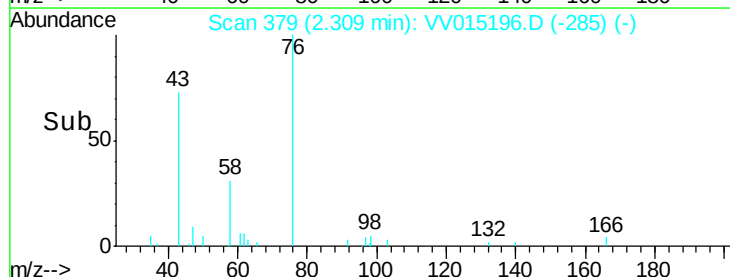
3000

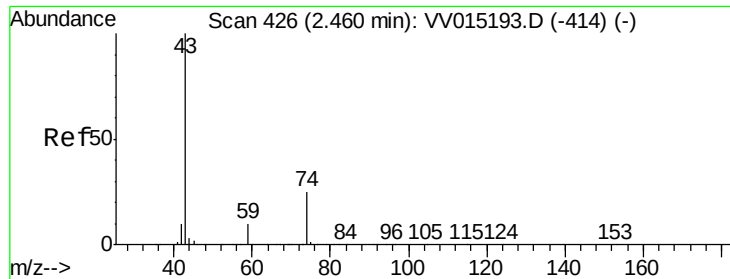
2000

1000

0

Time--> 2.25 2.30 2.35 2.40





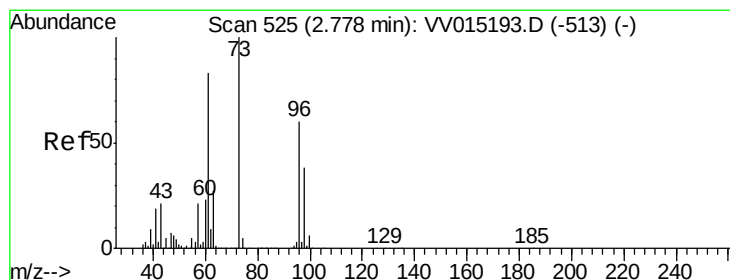
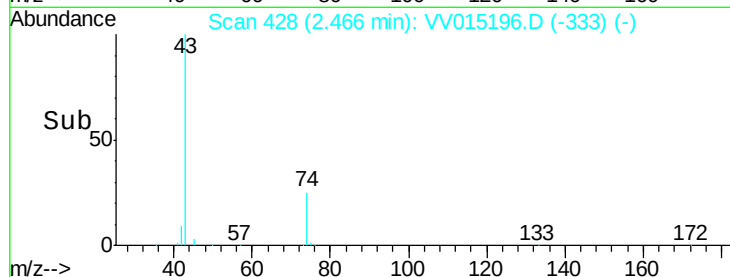
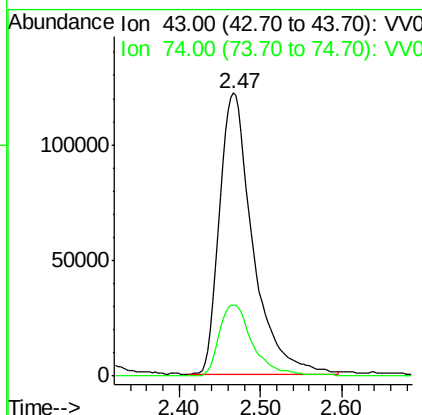
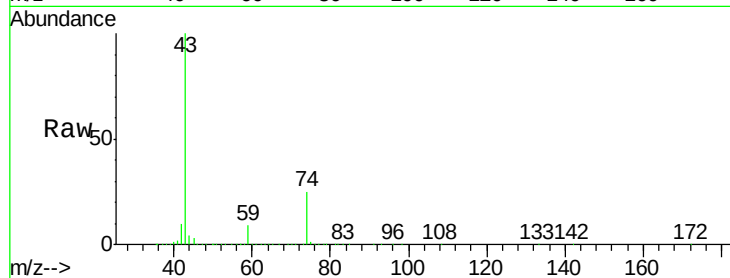
#15
Methvl Acetate
Concen: 62.581 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VV015196.D
Acq: 27 Mar 2020 05:46

Instrument :
MSVOA_V
ClientSampled :
ETTJ2

Tot Ion	43	Resp	348498
Ion Ratio	100	Lower	Upper
43	100		
74	25.6	20.0	30.0

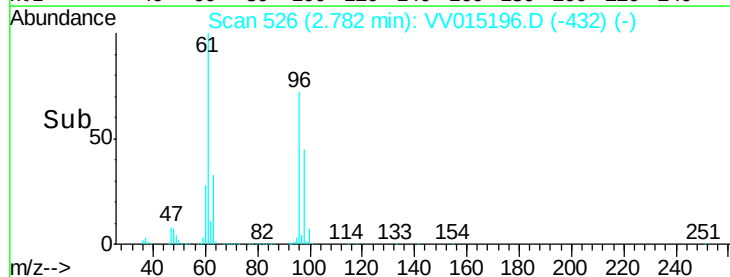
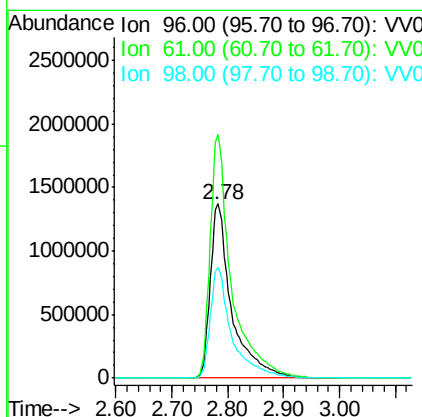
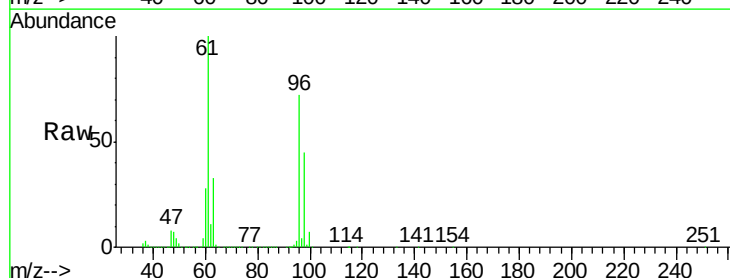
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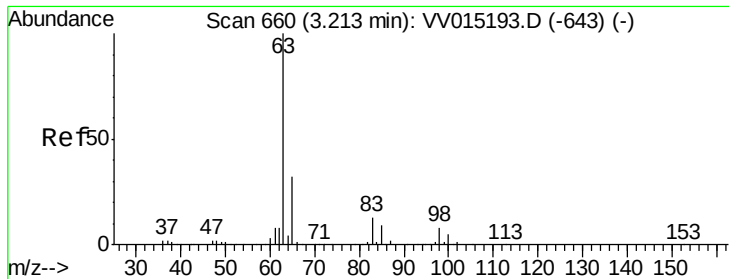
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#17
trans-1,2-Dichloroethene
Concen: 720.158 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV015196.D
Acq: 27 Mar 2020 05:46

Tgt Ion	96	Resp	3675020
Ion Ratio	100	Lower	Upper
96	100		
61	139.7	96.4	179.0
98	63.5	43.8	81.4





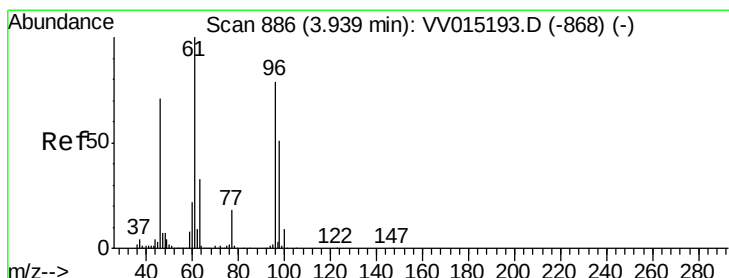
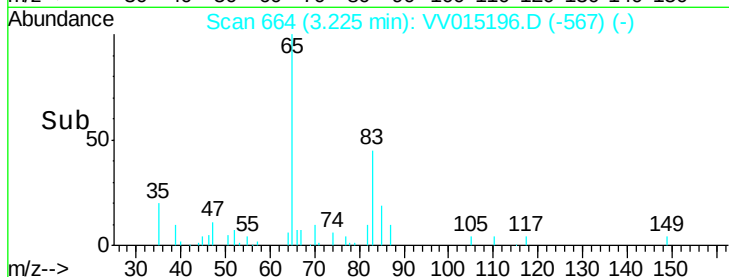
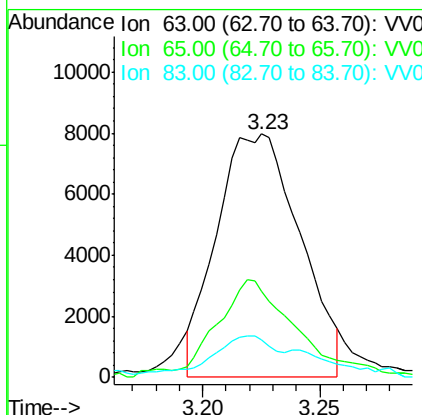
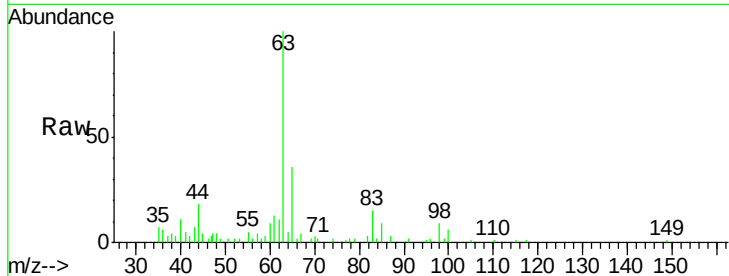
#19
 1,1-Dichloroethane
 Concen: 2.093 ug/L m
 RT: 3.23 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: VV015196.D
 Acq: 27 Mar 2020 05:46

Instrument :
 MSVOA_V
 ClientSampled :
 ETTJ2

Tot Ion	Ratio	Lower	Upper
63	100		
65	35.6	22.2	41.2
83	15.3	9.6	17.8

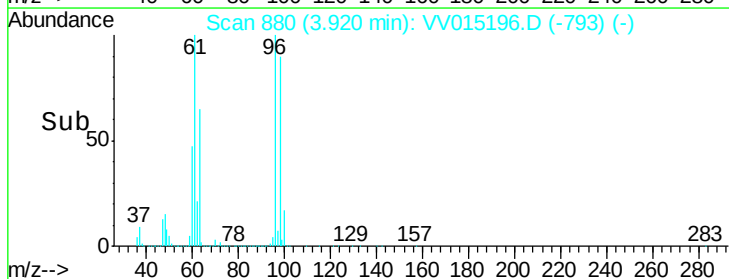
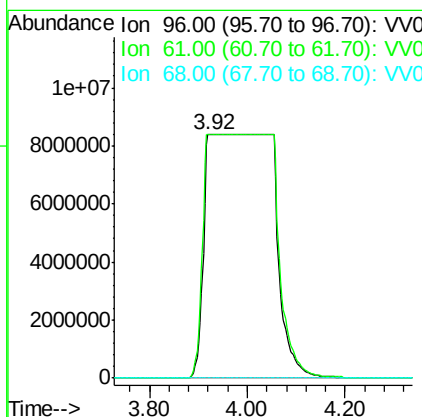
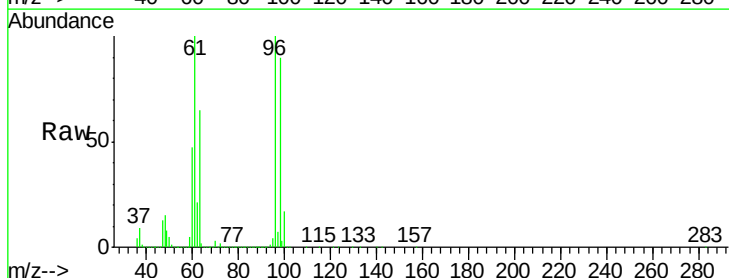
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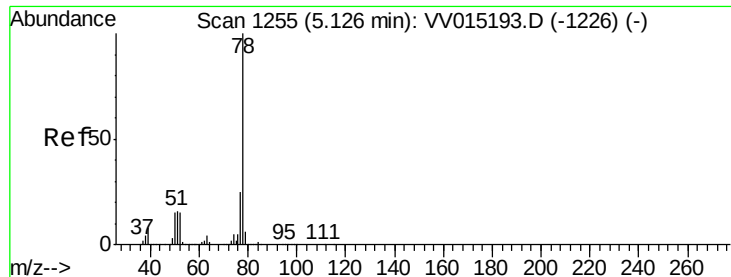
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#20
 cis-1,2-Dichloroethene
 Concen: 14296.433 ug/L m
 RT: 3.92 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: VV015196.D
 Acq: 27 Mar 2020 05:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	100.0	90.2	167.4
68	0.0	0.1	0.3





#33

Benzene

Concen: 3.251 ug/L

RT: 5.14 min Scan# 1259

Delta R.T. 0.01 min

Lab File: VV015196.D

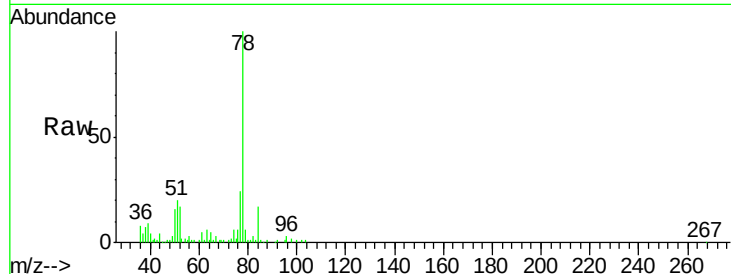
Acq: 27 Mar 2020 05:46

Instrument :
MSVOA_V
ClientSampleId :
ETTJ2

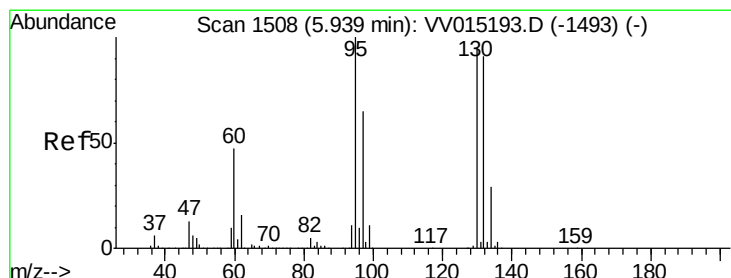
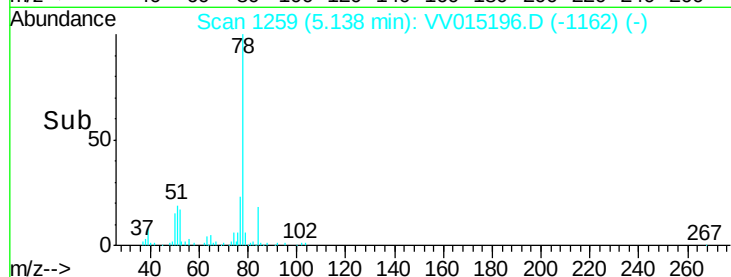
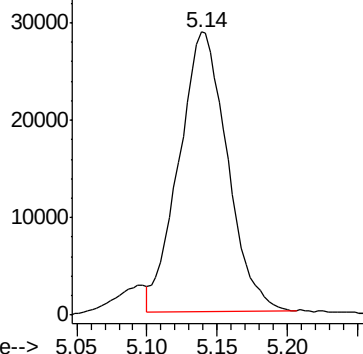
Tgt Ion: 78 Resp: 68397

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Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 10542.413 ug/L m

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV015196.D

Acq: 27 Mar 2020 05:46

Tgt Ion: 95 Resp: 57785046

Ion Ratio Lower Upper

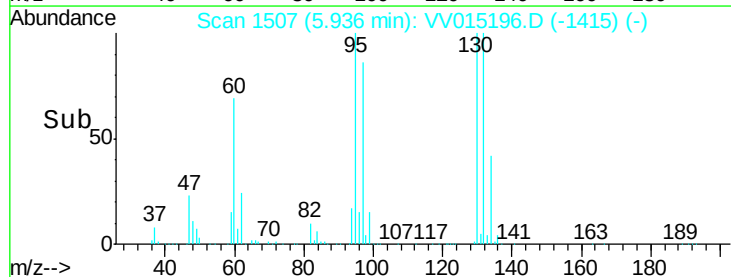
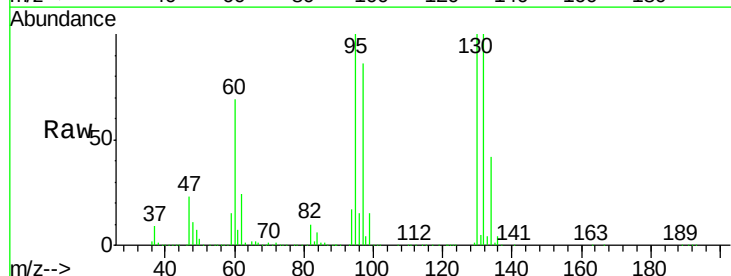
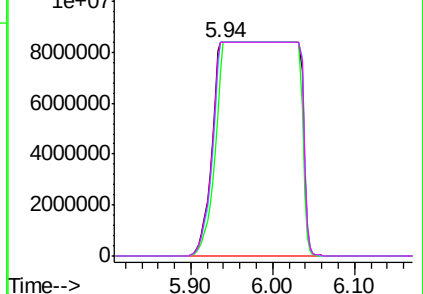
95	100		
97	85.9	44.8	83.2#
132	100.0	63.2	117.4
130	100.0	66.8	124.0

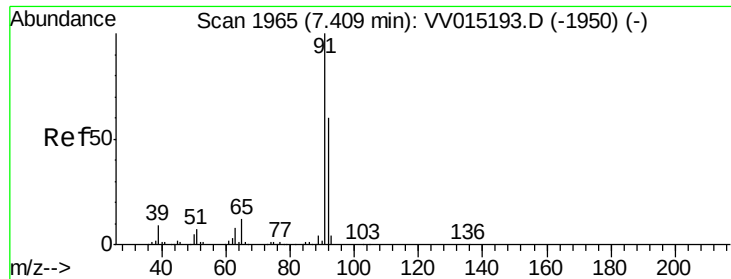
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#42

Toluene

Concen: 3.285 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015196.D

Acq: 27 Mar 2020 05:46

Instrument :
MSVOA_V
ClientSampleId :
ETTJ2

Tot Ion: 91 Resp: 77124

Ion Ratio Lower Upper

91 100

92 60.7 41.4 77.0

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