

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
 Data File : VV017292.D
 Acq On : 01 Jul 2020 16:22
 Operator : SY/MD
 Sample : L3150-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ6

Quant Time: Jul 02 05:50:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 02 03:02:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	176522	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171537	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81189	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87122	8.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	164.40%#
7) Chloroethane-d5	1.58	69	39950	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.13	63	110563	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.60%
20) 2-Butanone-d5	3.94	46	131281	48.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.24%
24) Chloroform-d	4.38	84	113068	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.06	65	61033	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.08	84	197591	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.10	67	60189	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.34	98	176622	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
45) trans-1,3-Dichloropropene-	7.64	79	22585	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
48) 2-Hexanone-d5	8.11	63	86009	40.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43162	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	72630	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

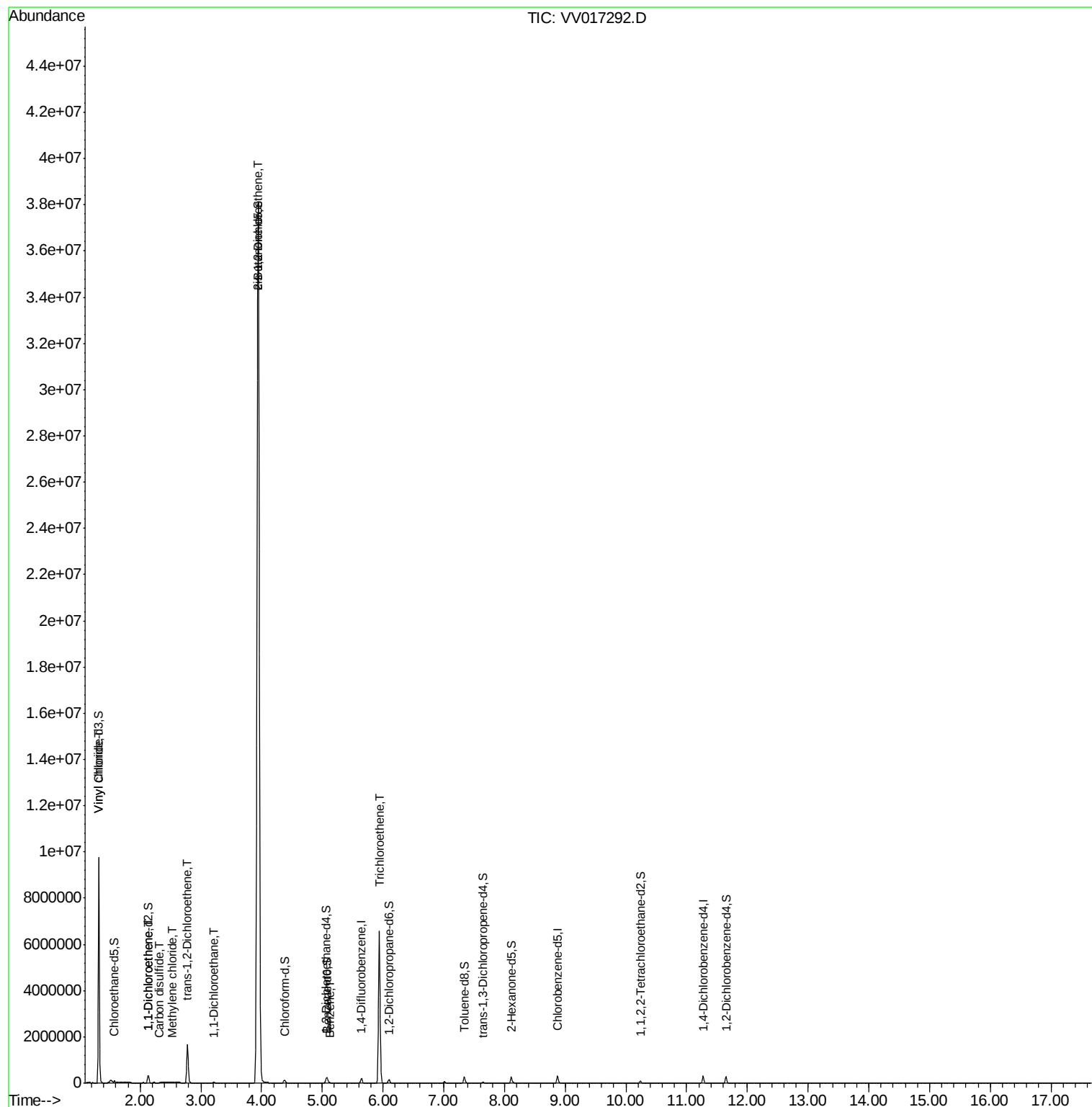
					Ovalue
5) Vinyl chloride	1.32	62	5967434	515.178	ug/L 97
12) 1,1-Dichloroethene	2.14	96	70711	8.347	ug/L # 78
14) Carbon disulfide	2.32	76	8593	0.339	ug/L 97
16) Methylene chloride	2.53	84	1091	0.120	ug/L 88
18) trans-1,2-Dichloroethene	2.78	96	580855	64.702	ug/L 99
19) 1,1-Dichloroethane	3.22	63	27907	1.384	ug/L 95
22) cis-1,2-Dichloroethene	3.95	96	21013910	1711.707	ug/L 80
33) Benzene	5.13	78	13288	0.296	ug/L 100
34) Trichloroethene	5.94	95	2175489	165.386	ug/L 98

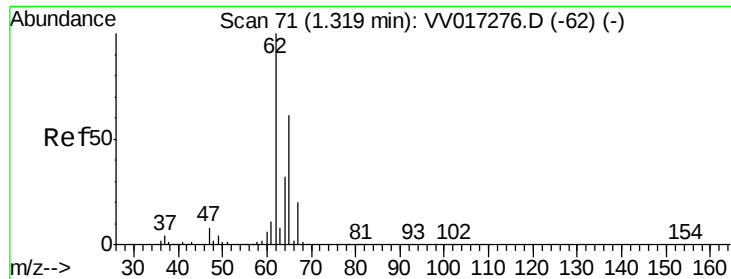
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 02 03:02:49 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 515.178 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017292.D

Acq: 01 Jul 2020 16:22

Instrument :

MSVOA_V

ClientSampleId :

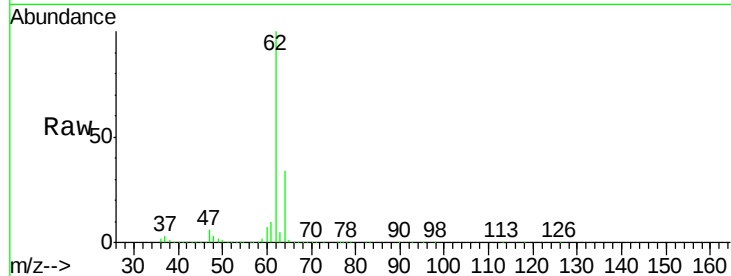
ETYJ6

Tot Ion: 62 Resp: 5967434

Ion Ratio Lower Upper

62 100

64 33.9 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

6000000

5000000

4000000

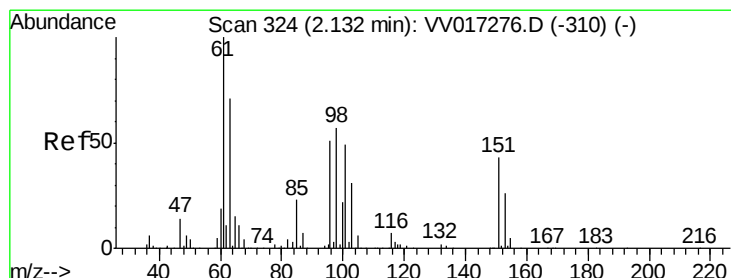
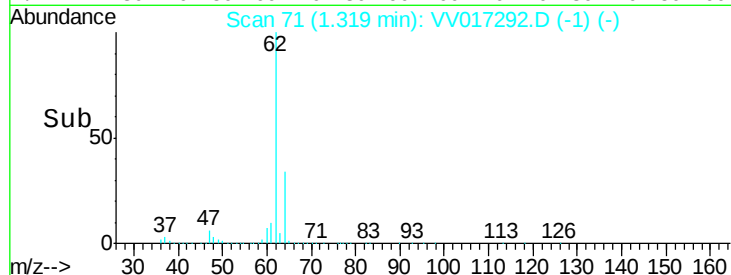
3000000

2000000

1000000

0

Time-->



#12

1,1-Dichloroethene

Concen: 8.347 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VV017292.D

Acq: 01 Jul 2020 16:22

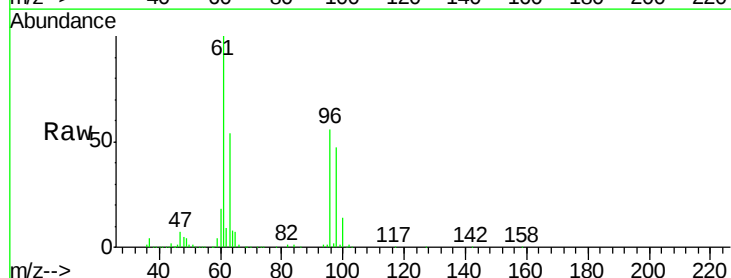
Tgt Ion: 96 Resp: 70711

Ion Ratio Lower Upper

96 100

61 178.8 125.0 232.2

63 95.8 109.8 203.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

120000

100000

80000

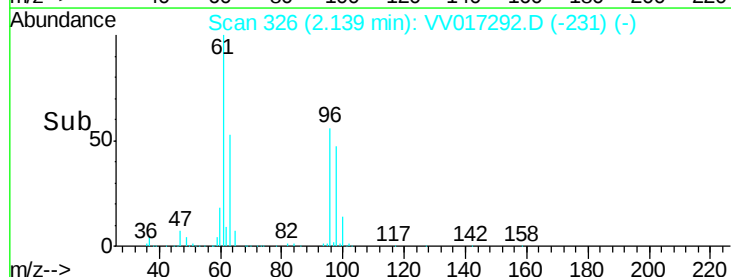
60000

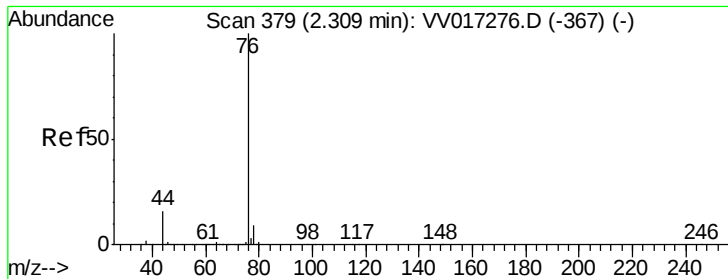
40000

20000

0

Time-->





#14

Carbon disulfide

Concen: 0.339 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV017292.D

Acq: 01 Jul 2020 16:22

Instrument :

MSVOA_V

ClientSampled :

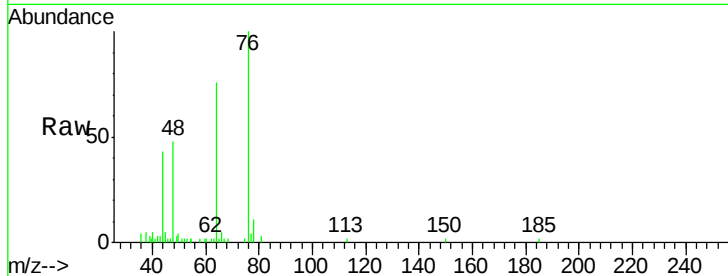
ETYJ6

Tot Ion: 76 Resp: 8593

Ion Ratio Lower Upper

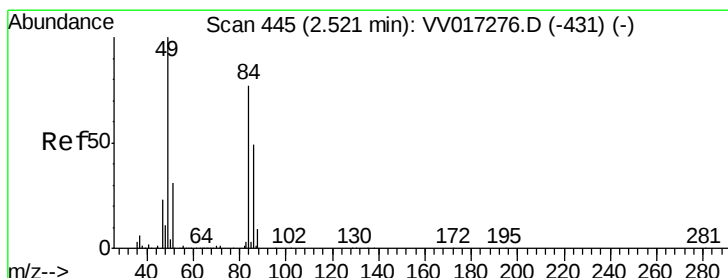
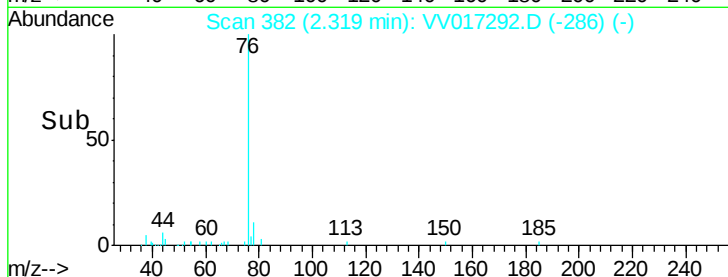
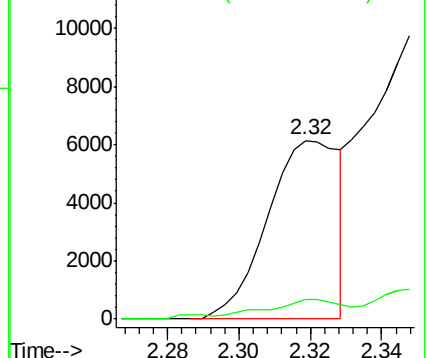
76 100

78 10.9 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.120 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV017292.D

Acq: 01 Jul 2020 16:22

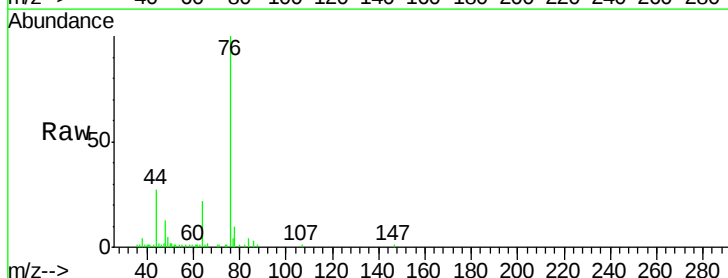
Tgt Ion: 84 Resp: 1091

Ion Ratio Lower Upper

84 100

86 85.0 45.8 85.0

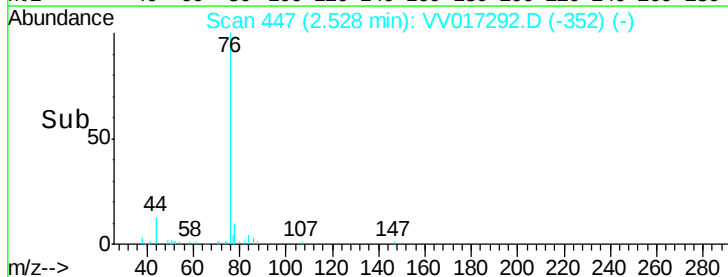
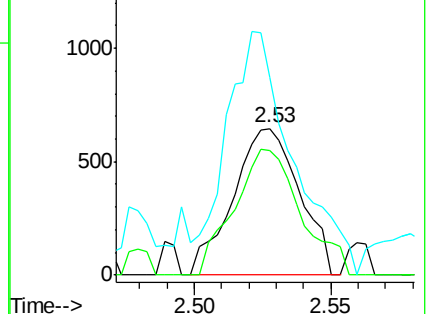
49 134.6 89.6 166.4

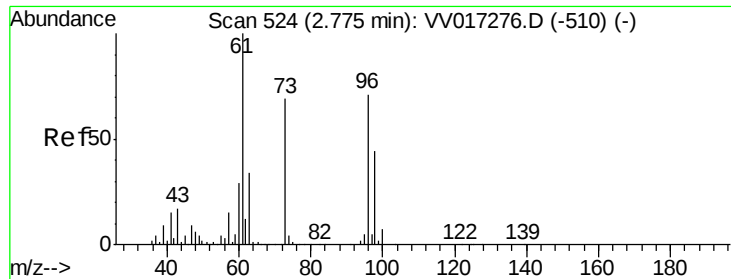


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

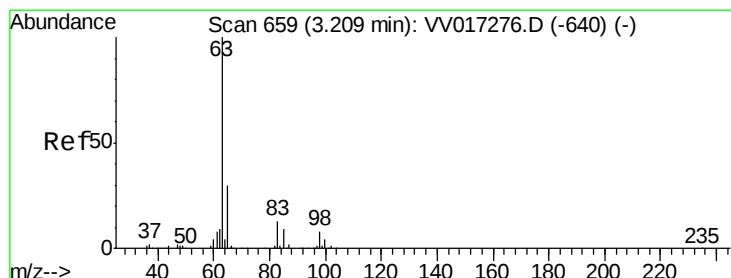
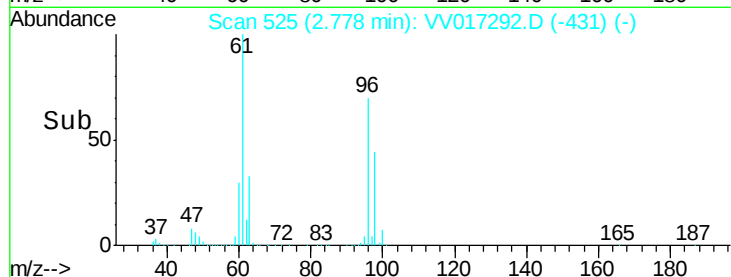
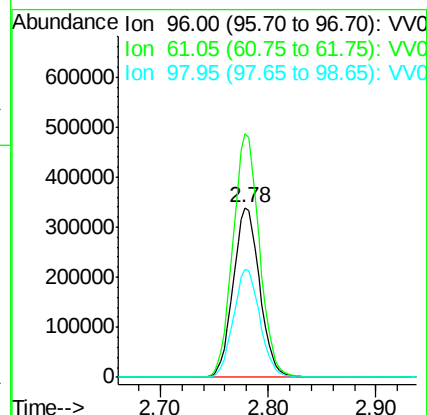
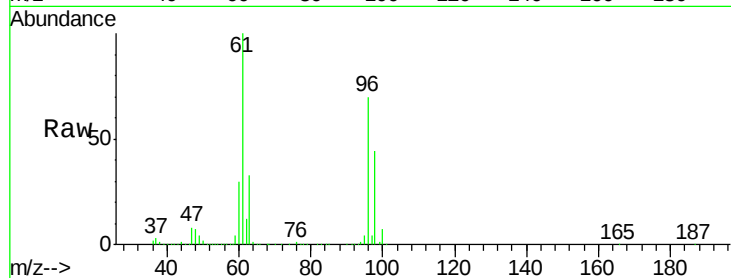




#18
trans-1,2-Dichloroethene
Concen: 64.702 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017292.D
Acq: 01 Jul 2020 16:22

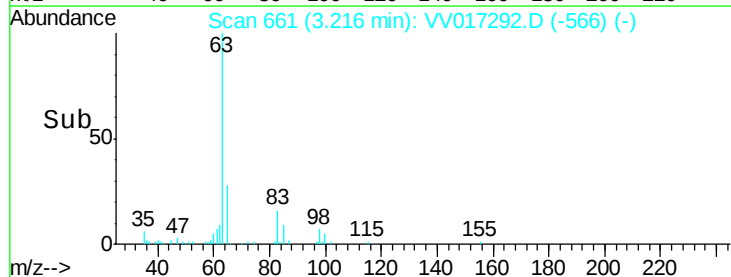
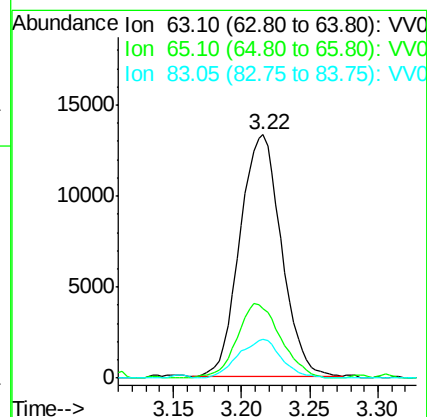
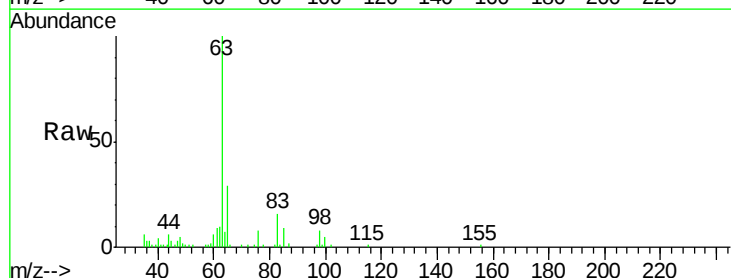
Instrument :
MSVOA_V
ClientSampleId :
ETYJ6

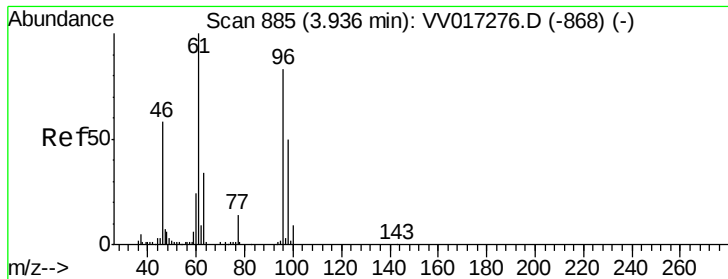
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	102.3	189.9
98	63.9	44.7	82.9



#19
1,1-Dichloroethane
Concen: 1.384 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.01 min
Lab File: VV017292.D
Acq: 01 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
63	100		
65	28.6	21.8	40.4
83	16.2	9.7	17.9



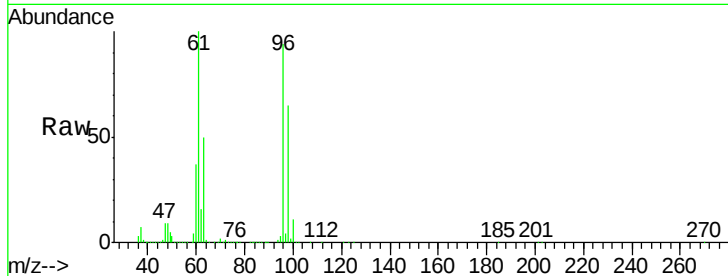


#22

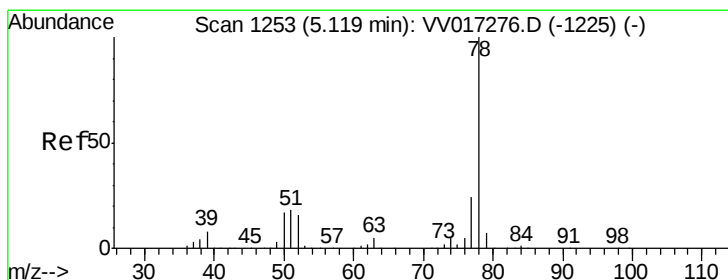
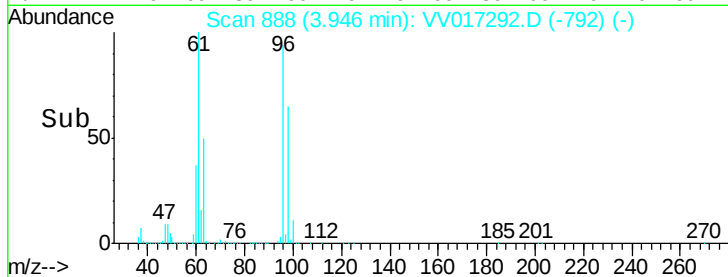
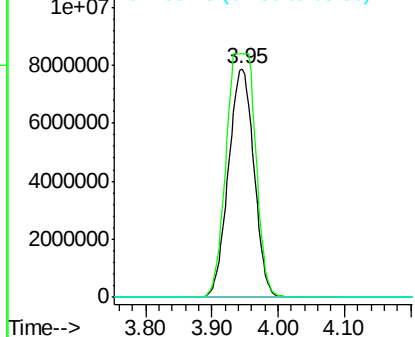
cis-1,2-Dichloroethene
 Concen: 1711.707 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV017292.D
 Acq: 01 Jul 2020 16:22

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ6

Tot Ion: 96 Resp:21013910
 Ion Ratio Lower Upper
 96 100
 61 106.4 91.0 169.0
 68 0.0 0.0 0.0



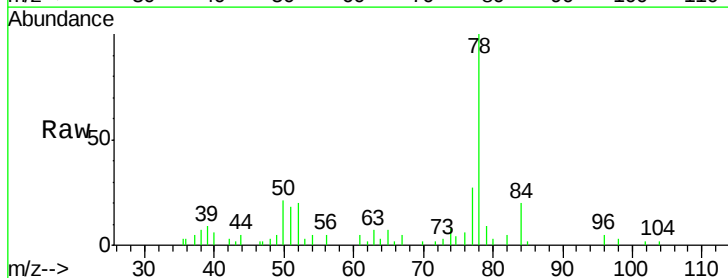
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



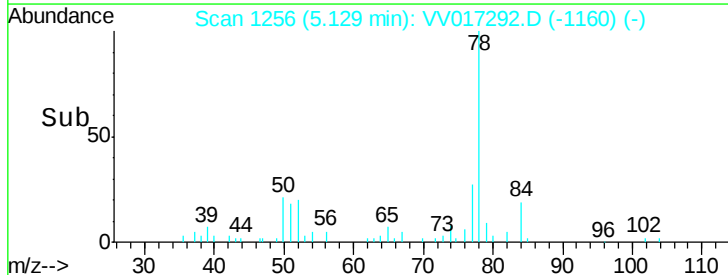
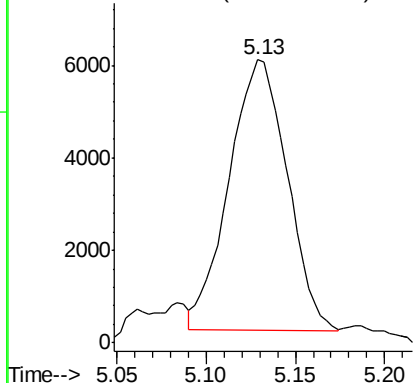
#33

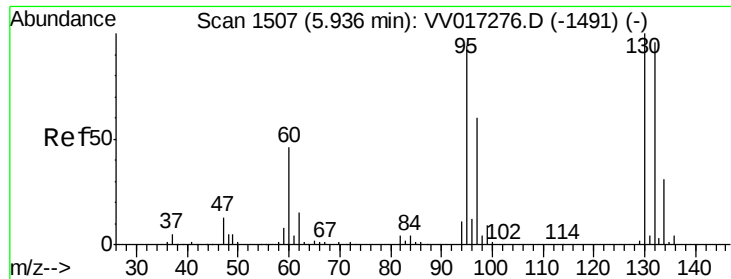
Benzene
 Concen: 0.296 ug/L
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: VV017292.D
 Acq: 01 Jul 2020 16:22

Tgt Ion: 78 Resp: 13288



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 165.386 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017292.D

Acq: 01 Jul 2020 16:22

Instrument :

MSVOA_V

ClientSampleId :

ETYJ6

Tot Ion: 95 Resp: 2175489

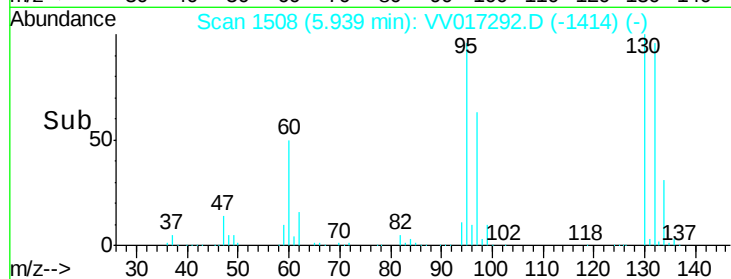
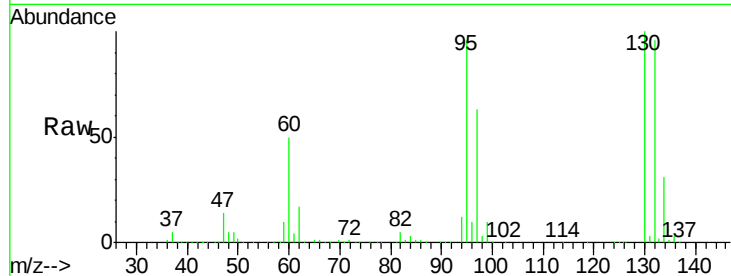
Ion Ratio Lower Upper

95 100

97 65.5 45.3 84.1

132 99.7 68.8 127.8

130 103.9 70.2 130.4



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

