

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017814.D
 Acq On : 06 Aug 2020 15:13
 Operator : SY/MD
 Sample : L3590-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L53

Quant Time: Aug 07 05:30:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	184601	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	183173	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	102656	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37334	41.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.94%
7) Chloroethane-d5	1.57	69	36679	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.44%
11) 1,1-Dichloroethene-d2	2.12	63	73613	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	3.91	46	67114	99.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.15%
24) Chloroform-d	4.37	84	120073	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
26) 1,2-Dichloroethane-d4	5.05	65	95990	53.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.84%
32) Benzene-d6	5.07	84	200086	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
36) 1,2-Dichloropropane-d6	6.09	67	53141	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.80%
41) Toluene-d8	7.34	98	201637	47.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.90%
43) trans-1,3-Dichloropropene-	7.64	79	24745	31.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.56%
47) 2-Hexanone-d5	8.11	63	48064	93.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	83602	46.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	104920	52.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.14%

Target Compounds

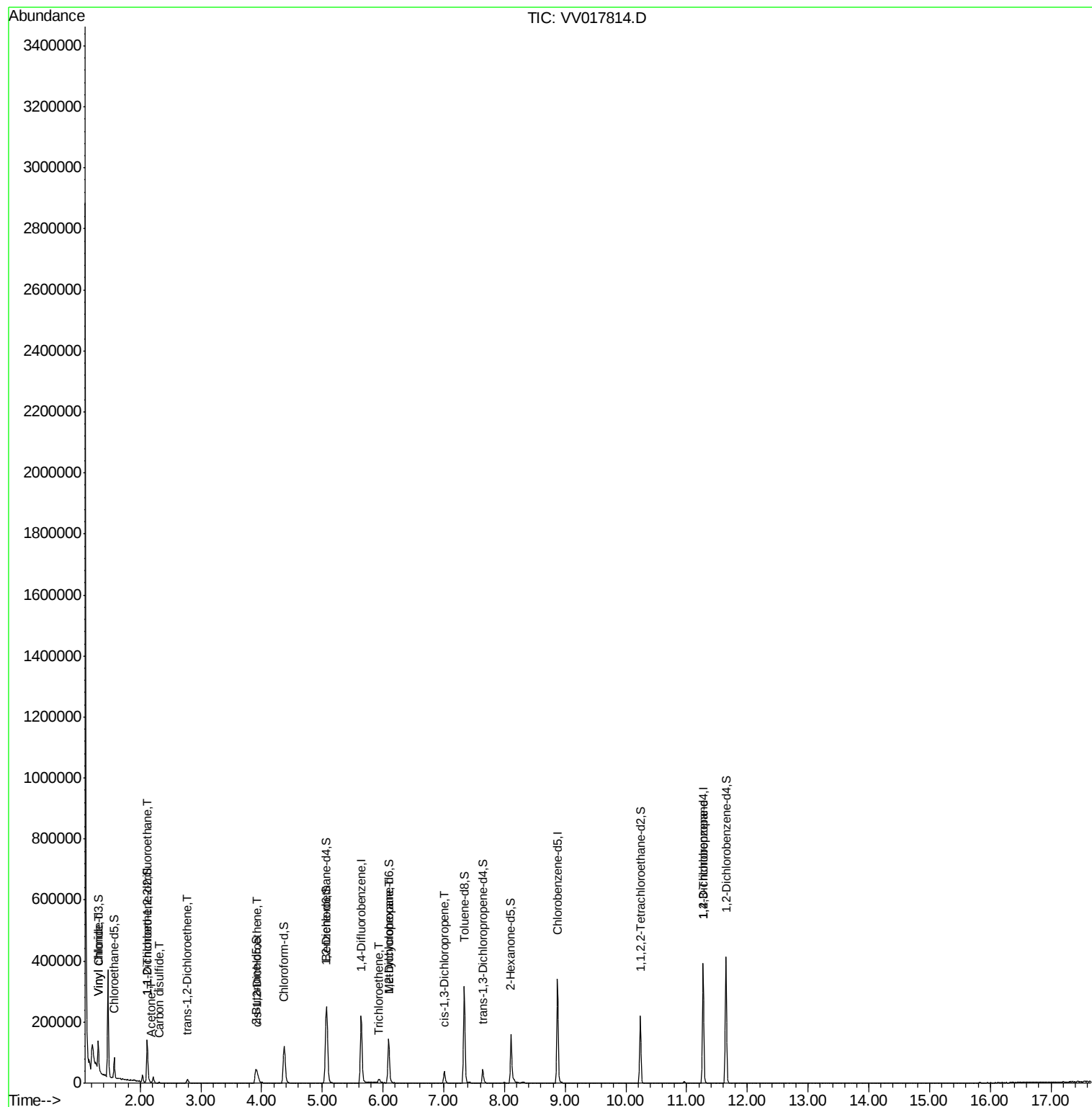
					Ovalue
5) Vinyl chloride	1.31	62	13218	10.093	ug/L # 1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	815	0.685	ug/L # 22
13) Acetone	2.18	43	1185	1.378	ug/L # 75
14) Carbon disulfide	2.31	76	3336	0.974	ug/L # 90
17) trans-1,2-Dichloroethene	2.78	96	3913	3.123	ug/L # 80
20) cis-1,2-Dichloroethene	3.93	96	8220	6.143	ug/L # 87
34) Trichloroethene	5.94	95	1450	1.027	ug/L # 81
35) Methylcyclohexane	6.09	83	16663	8.045	ug/L # 19
39) cis-1,3-Dichloropropene	7.01	75	1247	0.596	ug/L # 45
59) 1,2,3-Trichloropropane	11.27	75	9064	5.470	ug/L # 70

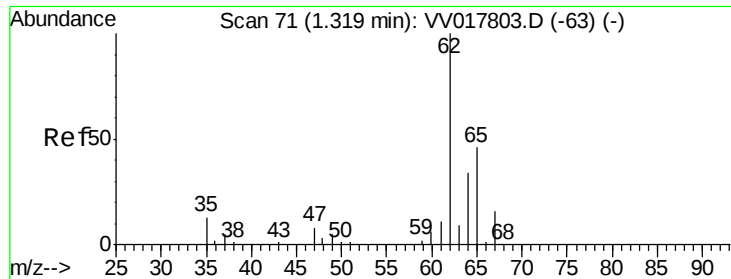
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 07 05:27:52 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.093 ug/L

RT: 1.31 min Scan# 69

Delta R.T. -0.01 min

Lab File: VV017814.D

Acq: 06 Aug 2020 15:13

Instrument :

MSVOA_V

ClientSampled :

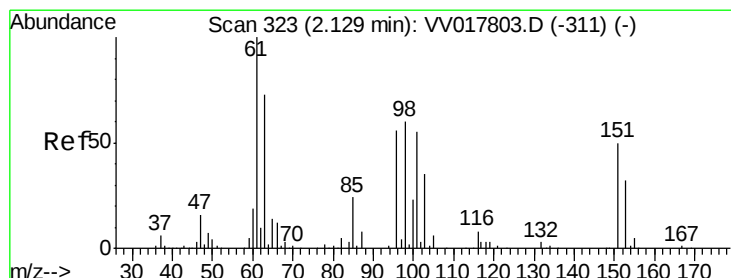
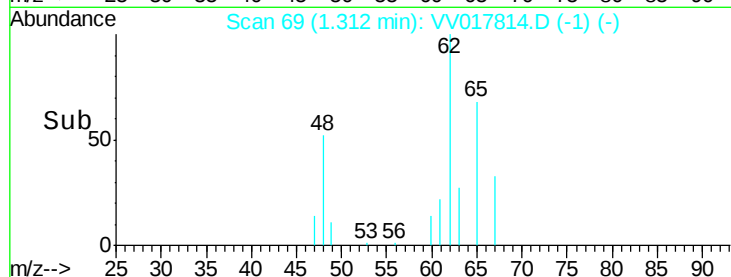
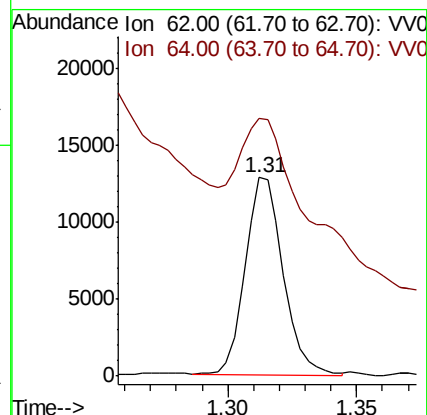
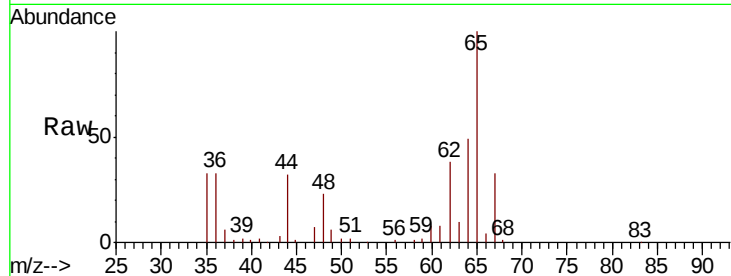
F2L53

Tot Ion: 62 Resp: 13218

Ion Ratio Lower Upper

62 100

64 130.0 22.9 42.5#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.685 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017814.D

Acq: 06 Aug 2020 15:13

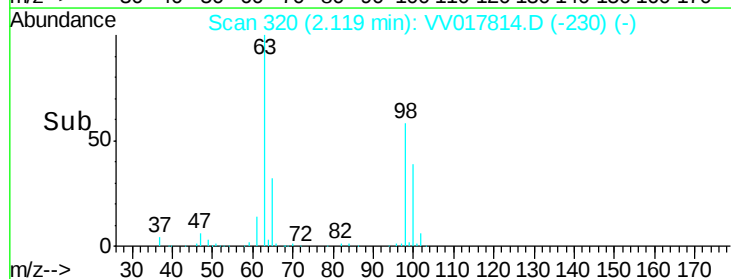
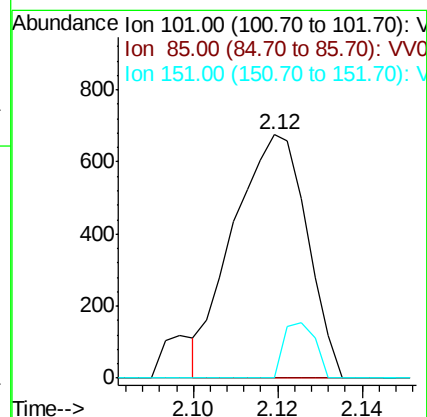
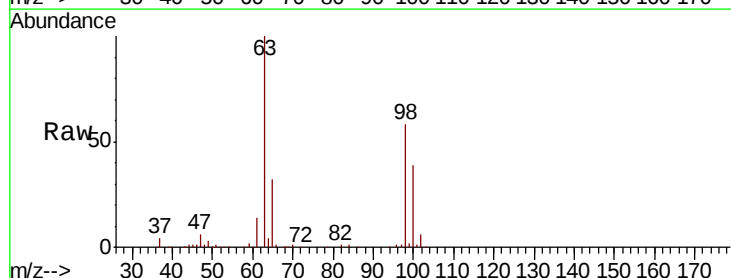
Tgt Ion: 101 Resp: 815

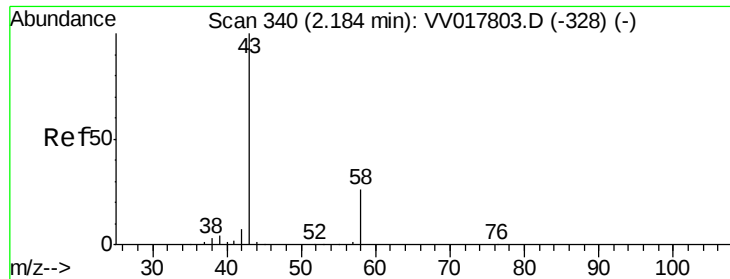
Ion Ratio Lower Upper

101 100

85 0.0 37.2 55.8#

151 9.7 68.2 102.2#





#13

Acetone

Concen: 1.378 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV017814.D

Acq: 06 Aug 2020 15:13

Instrument :

MSVOA_V

ClientSampled :

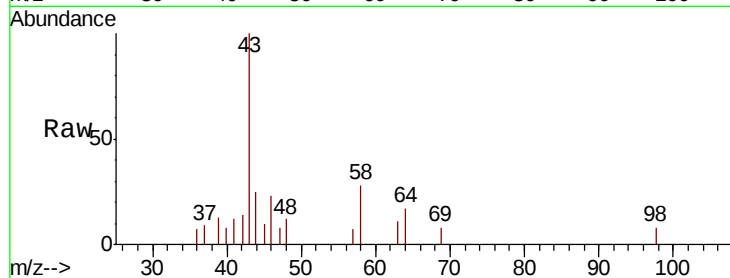
F2L53

Tot Ion: 43 Resp: 1185

Ion Ratio Lower Upper

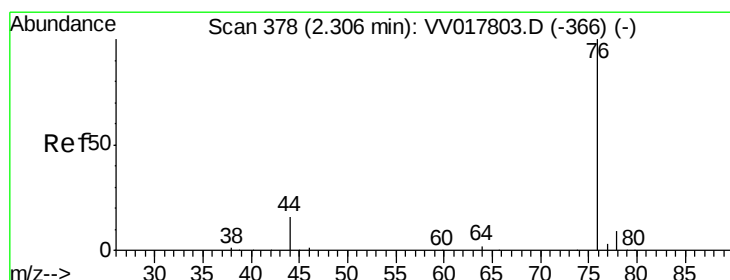
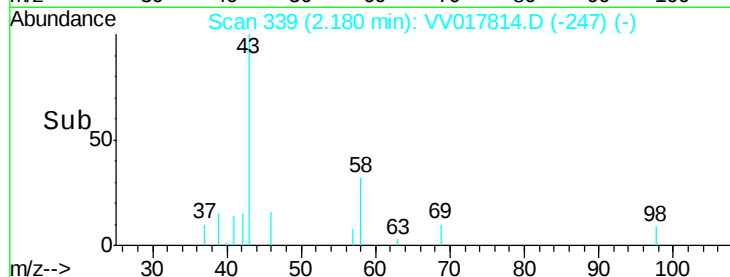
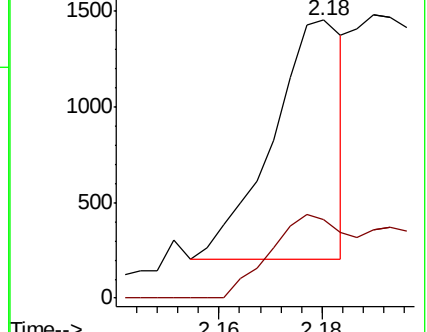
43 100

58 39.3 0.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VV017814.D (-247) (-)

Ion 58.00 (57.70 to 58.70): VV017814.D (-247) (-)



#14

Carbon disulfide

Concen: 0.974 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV017814.D

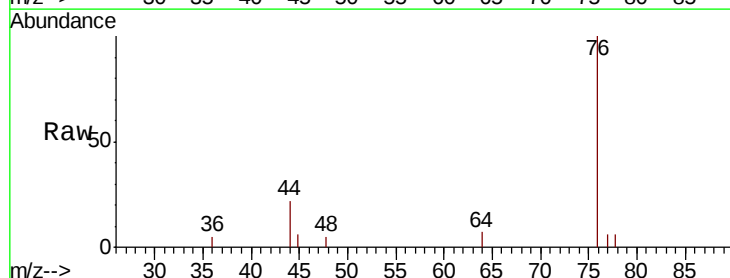
Acq: 06 Aug 2020 15:13

Tgt Ion: 76 Resp: 3336

Ion Ratio Lower Upper

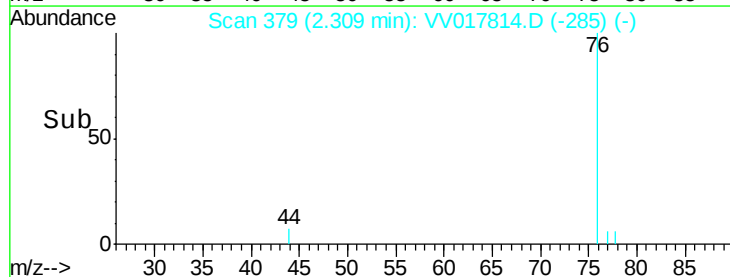
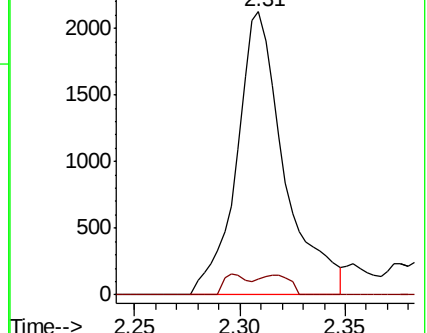
76 100

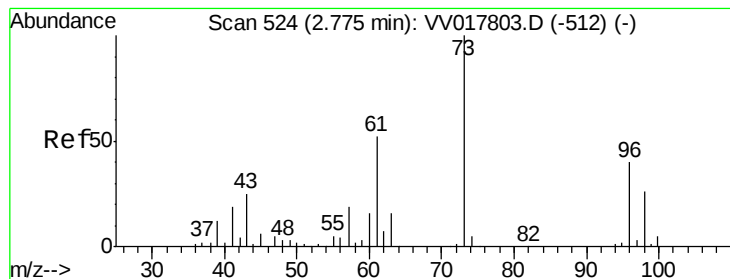
78 5.6 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VV017814.D (-285) (-)

Ion 78.00 (77.70 to 78.70): VV017814.D (-285) (-)





#17

trans-1,2-Dichloroethene

Concen: 3.123 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV017814.D

Acq: 06 Aug 2020 15:13

Instrument :

MSVOA_V

ClientSampled :

F2L53

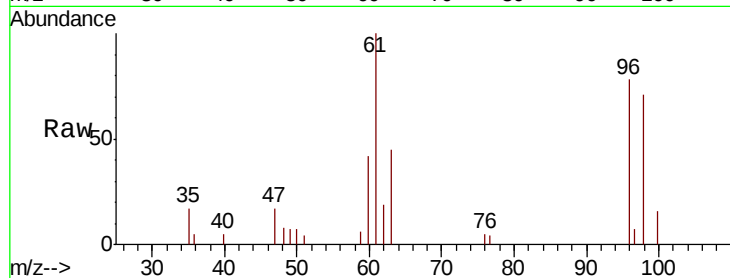
Tot Ion: 96 Resp: 3913

Ion Ratio Lower Upper

96 100

61 118.5 96.2 178.8

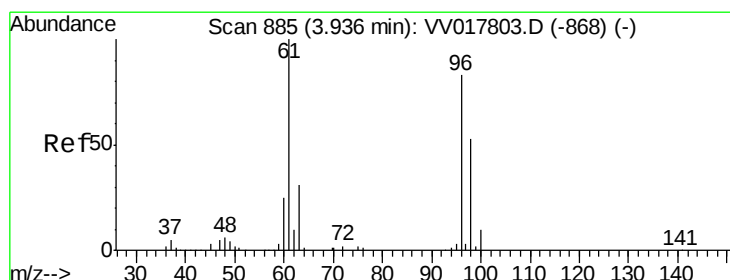
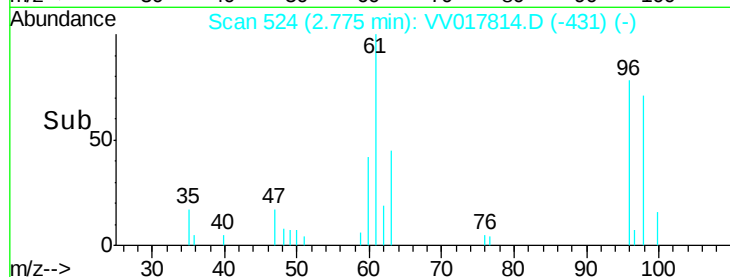
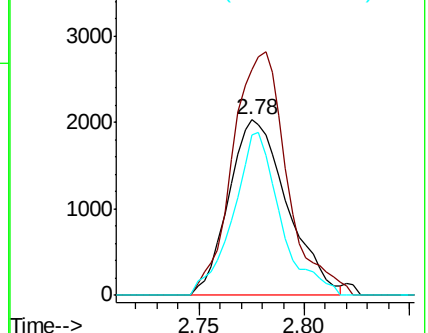
98 84.4 43.2 80.2#



Abundance Ion 96.00 (95.70 to 96.70): VV017814.D (-431) (-)

Ion 61.00 (60.70 to 61.70): VV017814.D (-431) (-)

Ion 98.00 (97.70 to 98.70): VV017814.D (-431) (-)



#20

cis-1,2-Dichloroethene

Concen: 6.143 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV017814.D

Acq: 06 Aug 2020 15:13

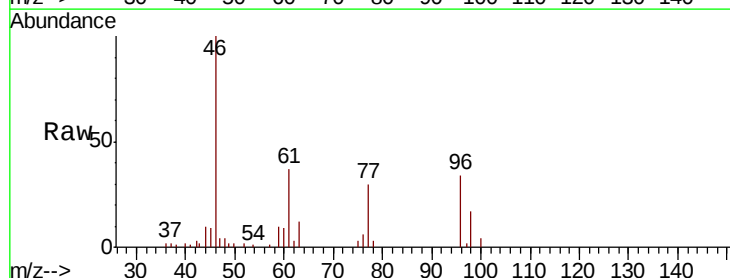
Tgt Ion: 96 Resp: 8220

Ion Ratio Lower Upper

96 100

61 109.7 87.3 162.1

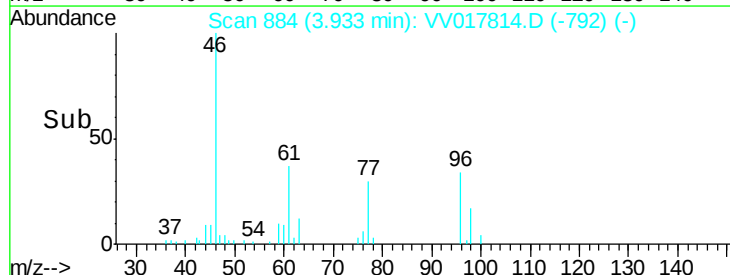
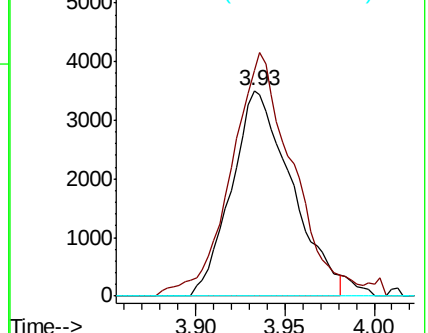
68 0.0 0.0 0.0

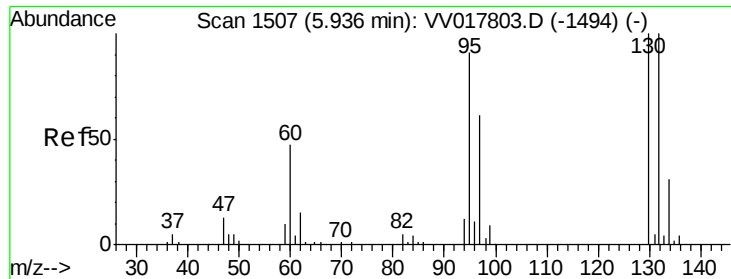


Abundance Ion 96.00 (95.70 to 96.70): VV017814.D (-792) (-)

Ion 61.00 (60.70 to 61.70): VV017814.D (-792) (-)

Ion 68.00 (67.70 to 68.70): VV017814.D (-792) (-)

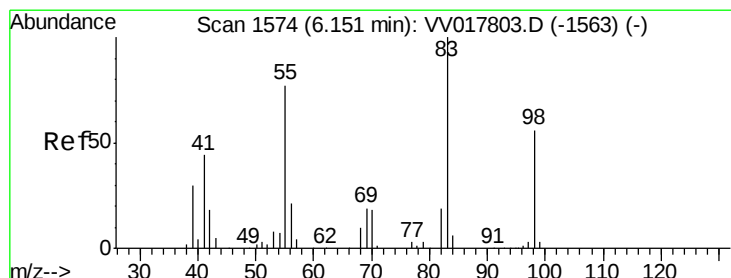
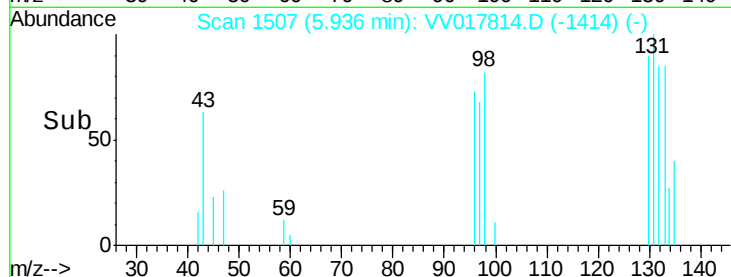
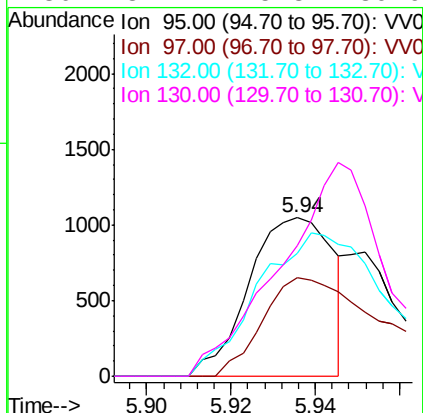
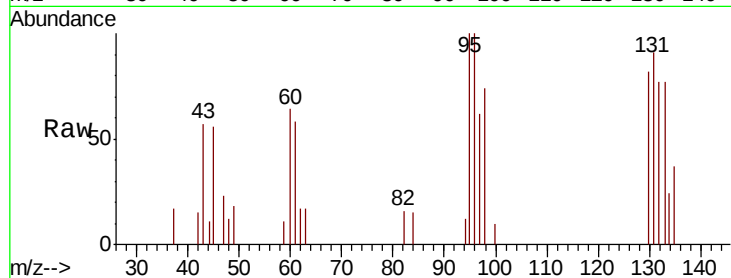




#34
 Trichloroethene
 Concen: 1.027 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV017814.D
 Acq: 06 Aug 2020 15:13

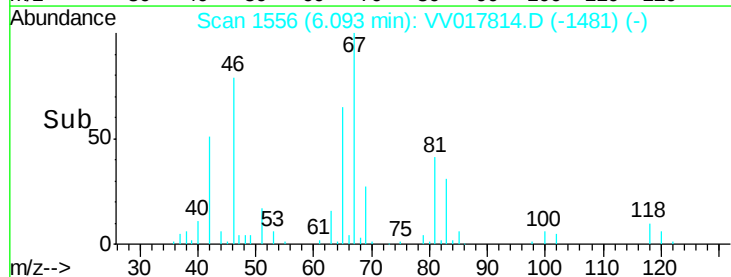
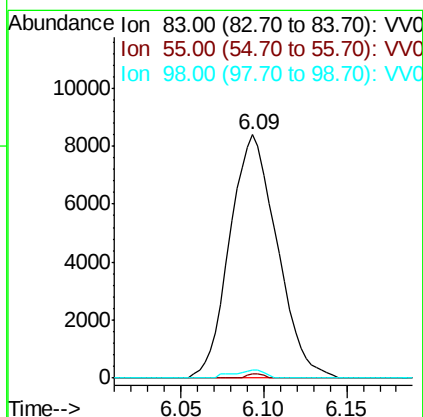
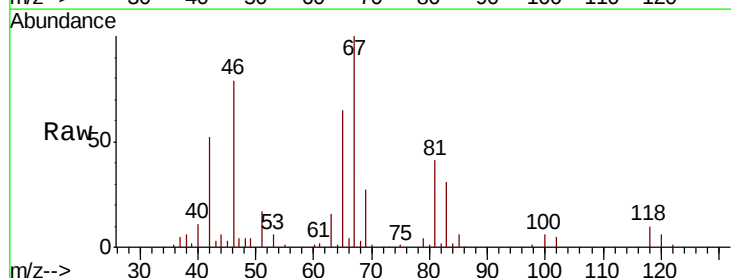
Instrument :
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 ClientSampleId :
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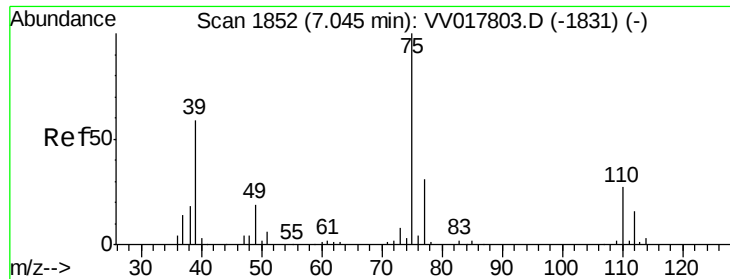
Tot Ion: 95 Resp: 1450
 Ion Ratio Lower Upper
 95 100
 97 61.8 45.3 84.1
 132 77.4 71.4 132.6
 130 82.4 75.3 139.9



#35
 Methylcyclohexane
 Concen: 8.045 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV017814.D
 Acq: 06 Aug 2020 15:13

Tgt Ion: 83 Resp: 16663
 Ion Ratio Lower Upper
 83 100
 55 0.6 59.4 89.2#
 98 1.6 41.2 61.8#





#39

cis-1,3-Dichloropropene

Concen: 0.596 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017814.D

Acq: 06 Aug 2020 15:13

Instrument :

MSVOA_V

ClientSampled :

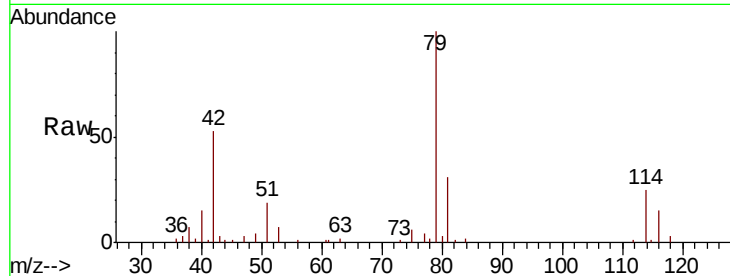
F2L53

Tot Ion: 75 Resp: 1247

Ion Ratio Lower Upper

75 100

77 64.3 23.2 43.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.01

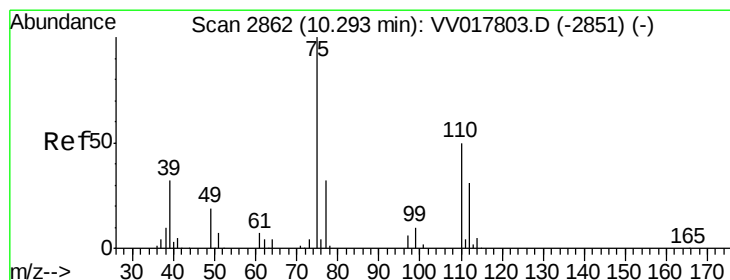
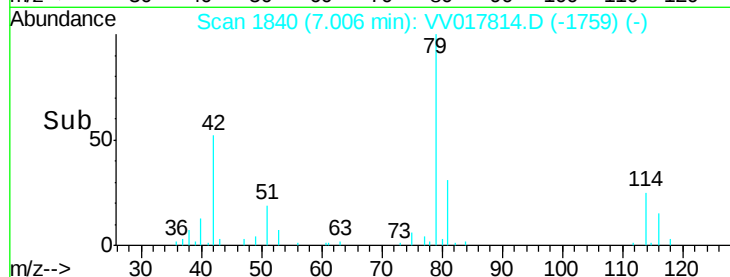
600

400

200

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.470 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV017814.D

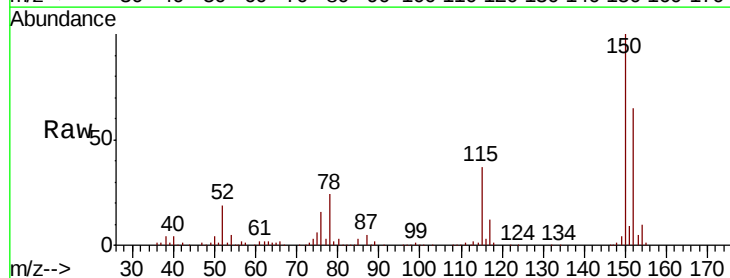
Acq: 06 Aug 2020 15:13

Tgt Ion: 75 Resp: 9064

Ion Ratio Lower Upper

75 100

77 48.1 25.1 37.7#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.27

6000

4000

2000

0

Time-->

