

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016983.D
 Acq On : 18 Jun 2020 17:28
 Operator : SY/MD
 Sample : L3039-02D L10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M01DL

Quant Time: Jun 19 04:38:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	351161	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157407	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84846	34.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.48%
7) Chloroethane-d5	1.58	69	61493	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.72%
11) 1,1-Dichloroethene-d2	2.12	63	134954	32.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.86%
21) 2-Butanone-d5	3.91	46	165601	90.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.30%
24) Chloroform-d	4.38	84	223867	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
26) 1,2-Dichloroethane-d4	5.06	65	159508	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
32) Benzene-d6	5.08	84	430424	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
36) 1,2-Dichloropropane-d6	6.09	67	132867	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.08%
41) Toluene-d8	7.34	98	387735	45.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.28%
43) trans-1,3-Dichloropropene-	7.64	79	66652	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.72%
47) 2-Hexanone-d5	8.11	63	95748	75.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166300	43.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	164075	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds

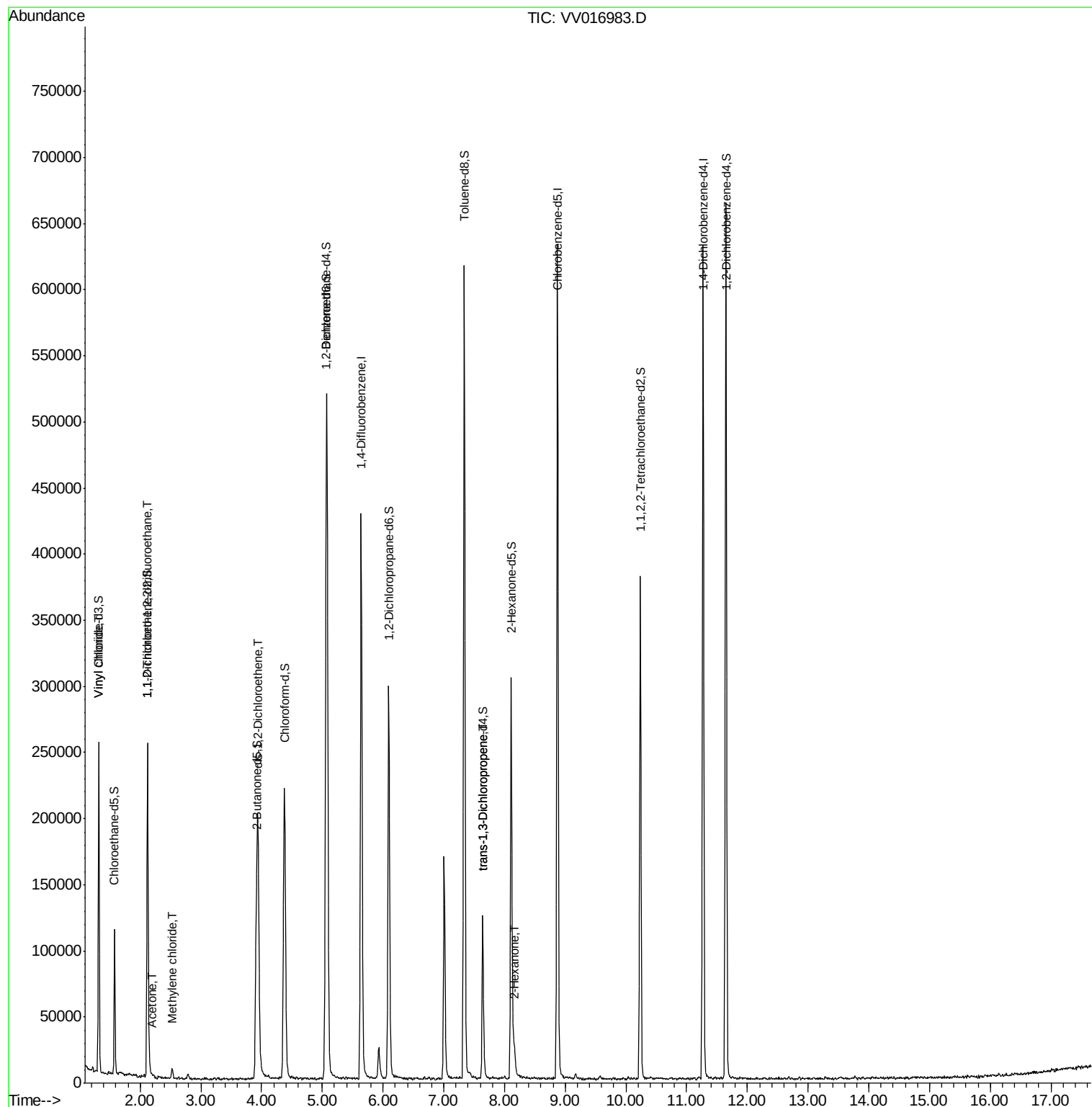
					Ovalue
5) Vinyl chloride	1.32	62	74687	29.831	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1602	0.858	ug/L # 26
13) Acetone	2.19	43	1417	1.173	ug/L 76
16) Methylene chloride	2.53	84	3593	1.405	ug/L # 74
20) cis-1,2-Dichloroethene	3.94	96	88634	34.212	ug/L 98
44) trans-1,3-Dichloropropene	7.64	75	3667	0.972	ug/L 98
48) 2-Hexanone	8.17	43	9446	3.441	ug/L # 81

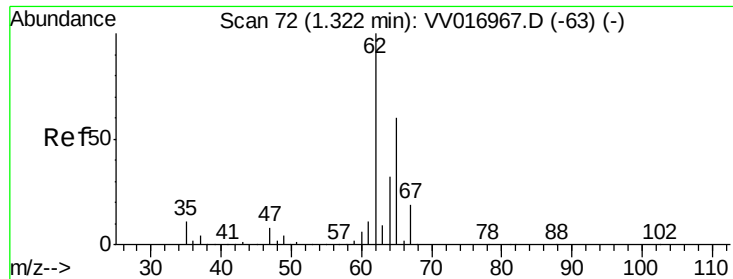
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 29.831 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV016983.D

Acq: 18 Jun 2020 17:28

Instrument :

MSVOA_V

ClientSampleId :

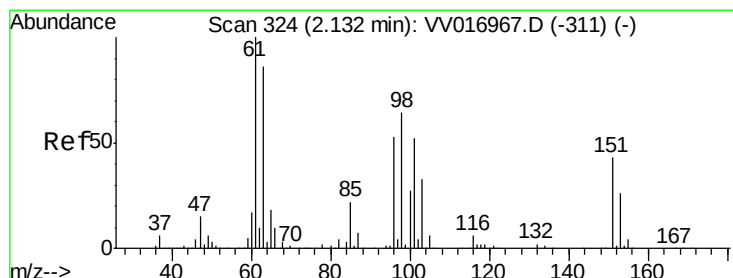
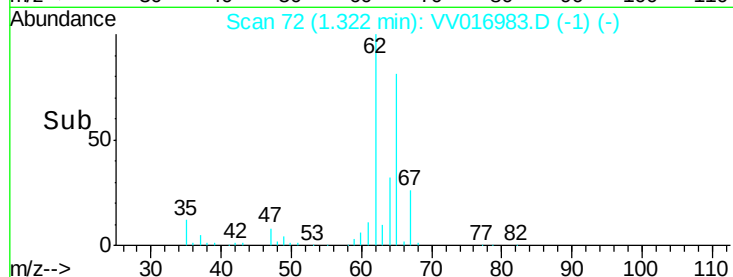
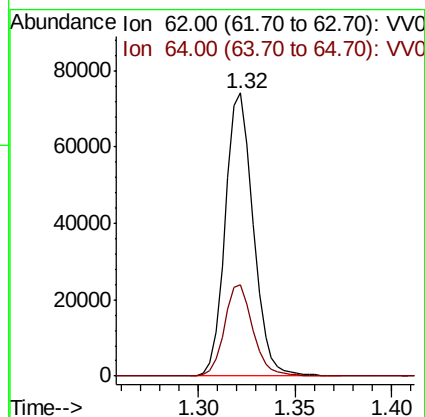
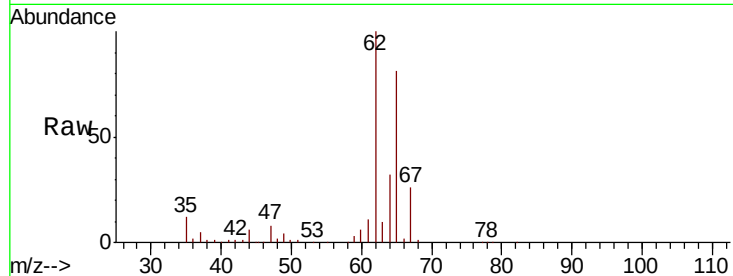
F9M01DL

Tot Ion: 62 Resp: 74687

Ion Ratio Lower Upper

62 100

64 32.3 22.3 41.5



#10

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

Concen: 0.858 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016983.D

Acq: 18 Jun 2020 17:28

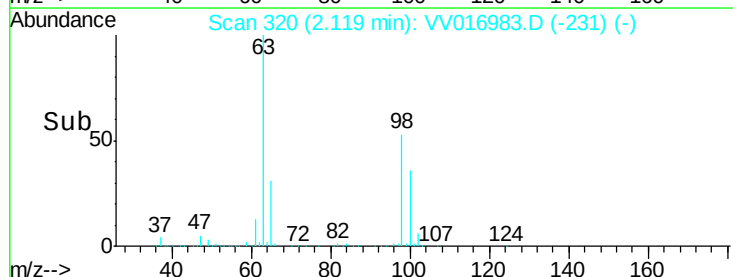
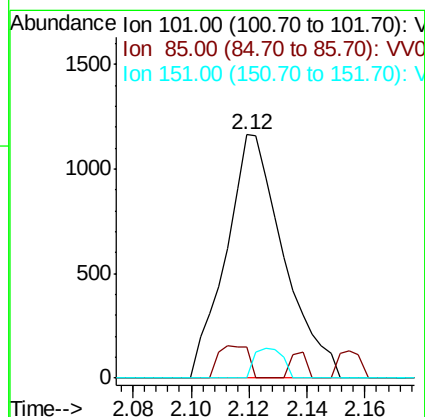
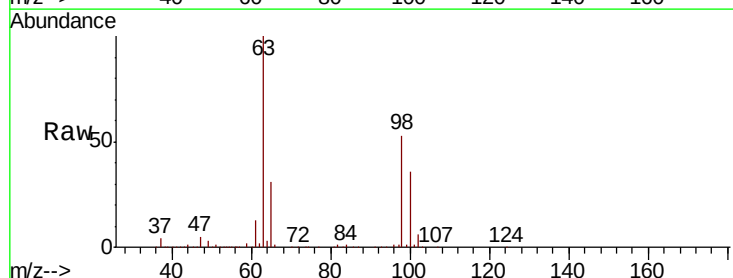
Tgt Ion: 101 Resp: 1602

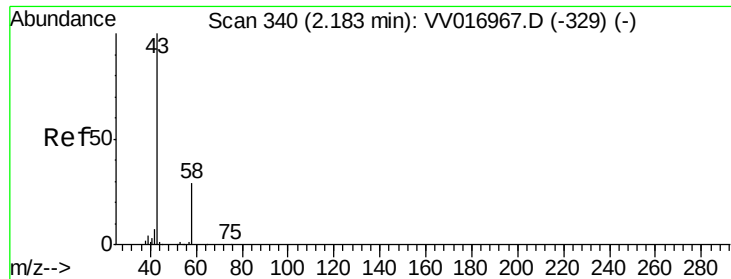
Ion Ratio Lower Upper

101 100

85 6.9 35.5 53.3#

151 6.1 63.9 95.9#





#13

Acetone

Concen: 1.173 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV016983.D

Acq: 18 Jun 2020 17:28

Instrument :

MSVOA_V

ClientSampleId :

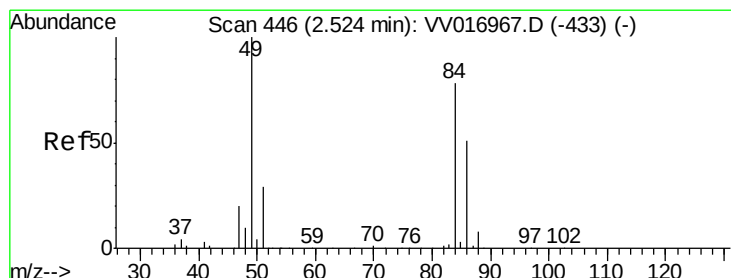
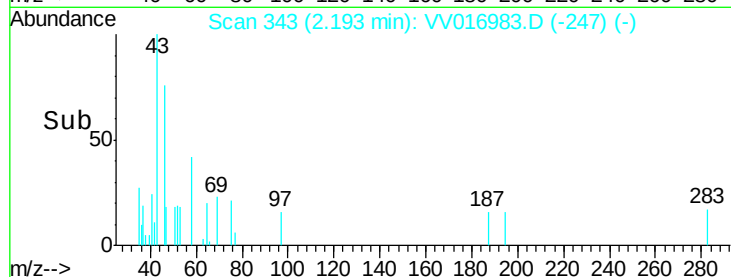
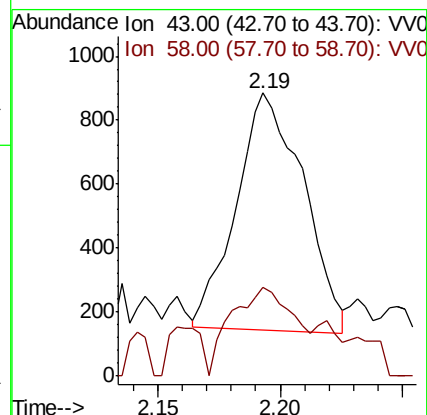
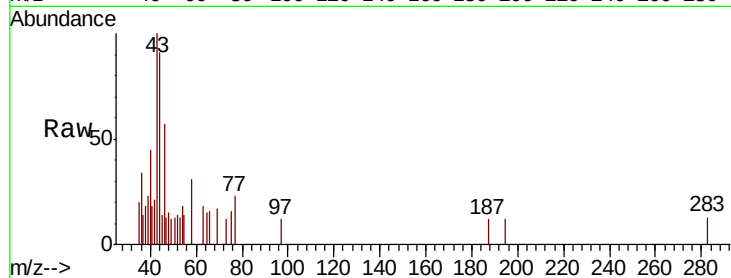
F9M01DL

Tot Ion: 43 Resp: 1417

Ion Ratio Lower Upper

43 100

58 15.2 0.0 55.2



#16

Methylene chloride

Concen: 1.405 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV016983.D

Acq: 18 Jun 2020 17:28

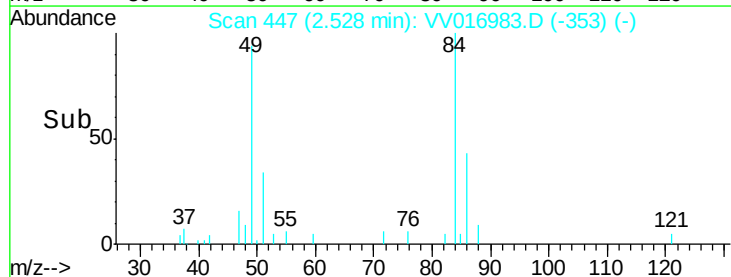
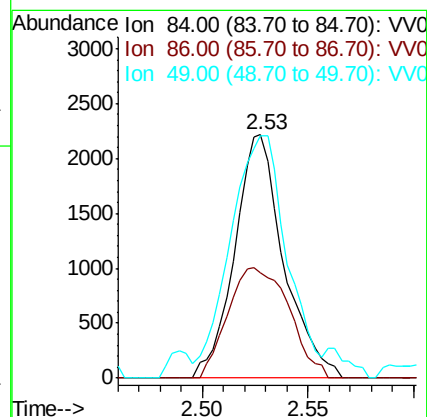
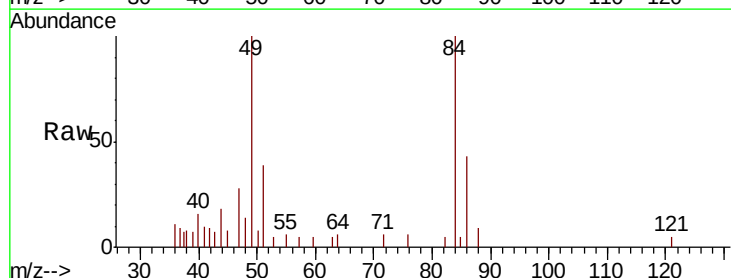
Tgt Ion: 84 Resp: 3593

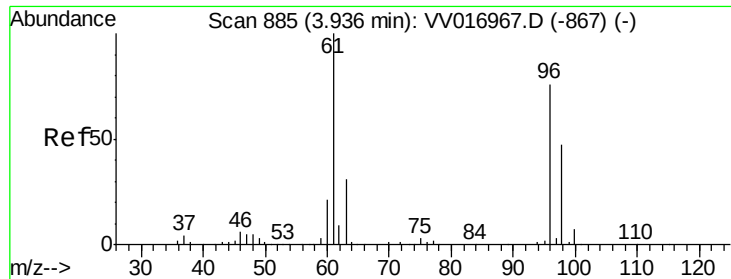
Ion Ratio Lower Upper

84 100

86 43.1 44.0 81.8#

49 99.7 90.9 168.9

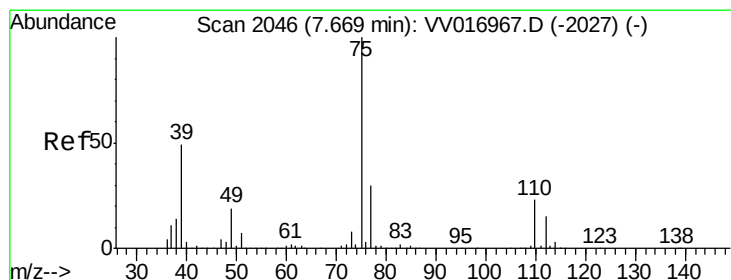
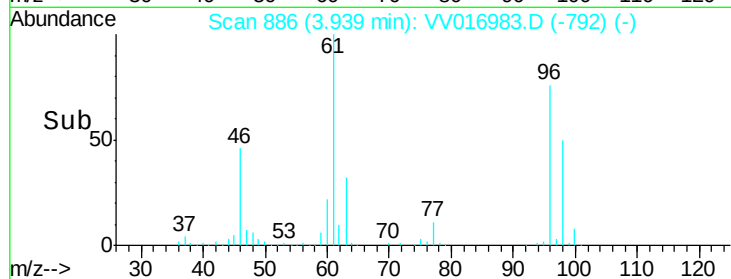
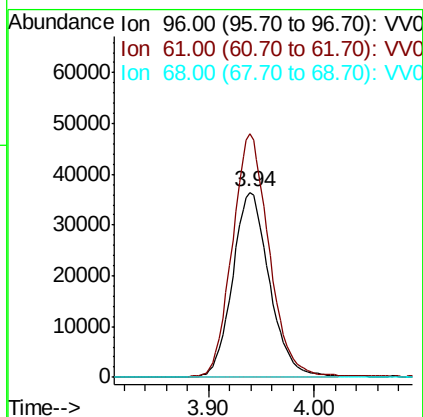
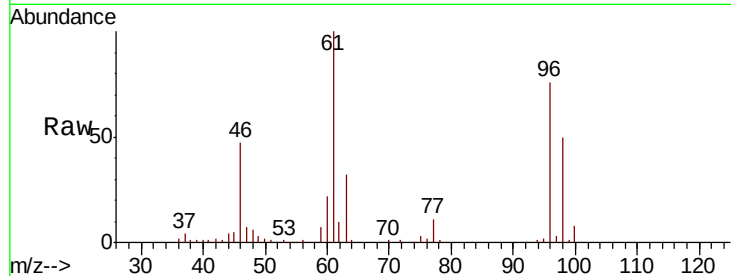




#20
 cis-1,2-Dichloroethene
 Concen: 34.212 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV016983.D
 Acq: 18 Jun 2020 17:28

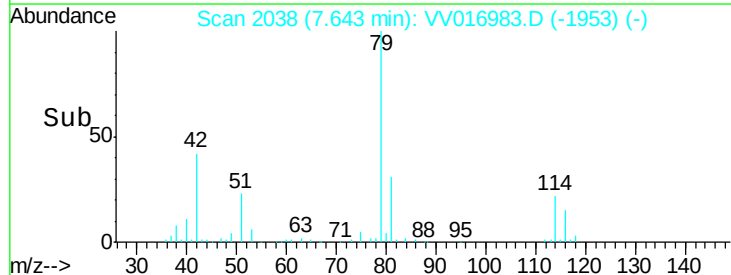
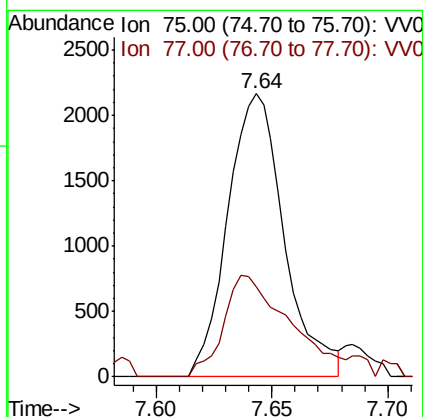
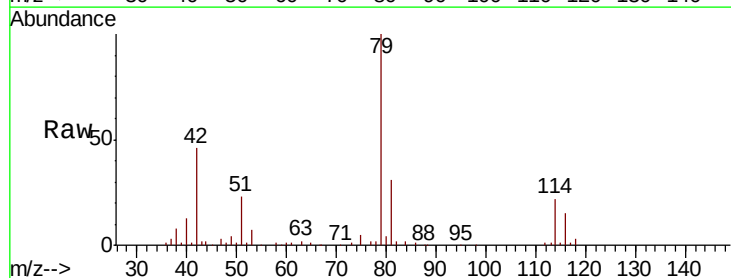
Instrument :
 MSVOA_V
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 F9M01DL

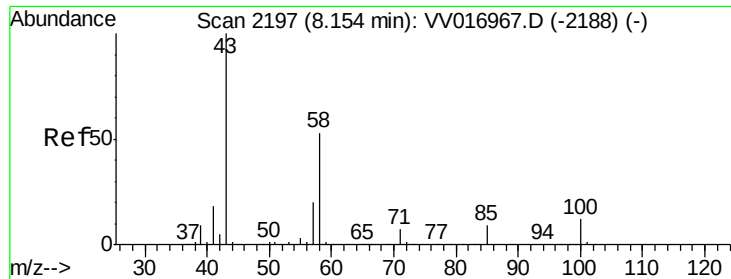
Tot Ion: 96 Resp: 88634
 Ion Ratio Lower Upper
 96 100
 61 131.6 93.4 173.4
 68 0.0 0.0 0.0



#44
 trans-1,3-Dichloropropene
 Concen: 0.972 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016983.D
 Acq: 18 Jun 2020 17:28

Tgt Ion: 75 Resp: 3667
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.7 40.3





#48

2-Hexanone

Concen: 3.441 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016983.D

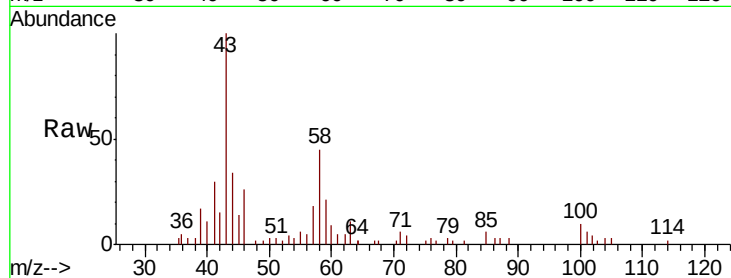
Acq: 18 Jun 2020 17:28

Instrument :

MSVOA_V

ClientSampleId :

F9M01DL



Tot Ion: 43 Resp: 9446

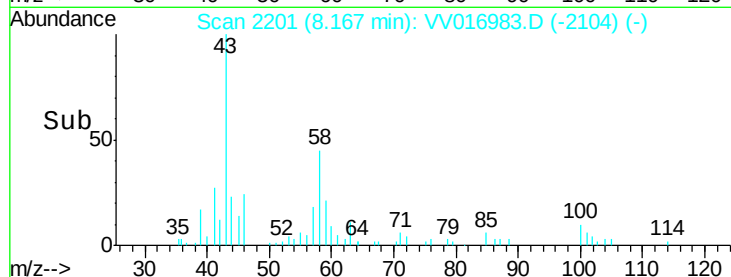
Ion Ratio Lower Upper

43 100

58 35.9 43.1 64.7#

57 15.3 15.3 22.9

100 9.2 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

