

Data File : VV012175.D
Acq On : 10 Aug 2019 02:05
Operator : SY/MD
Sample : K4248-13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B51

Quant Time: Aug 10 05:12:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	256037	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	234093	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	108168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43764	46.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.92%
7) Chloroethane-d5	1.58	69	30222	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.64%
11) 1,1-Dichloroethene-d2	2.13	63	59793	33.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.16%
21) 2-Butanone-d5	3.92	46	53563	115.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.01%
24) Chloroform-d	4.40	84	93365	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
26) 1,2-Dichloroethane-d4	5.08	65	57740	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
32) Benzene-d6	5.10	84	185239	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
36) 1,2-Dichloropropane-d6	6.12	67	49471	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.22%
41) Toluene-d8	7.36	98	167844	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%
43) trans-1,3-Dichloropropene-	7.66	79	15854	29.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.26%#
47) 2-Hexanone-d5	8.13	63	42544	112.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	68417	50.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.10%
64) 1,2-Dichlorobenzene-d4	11.67	152	65833	51.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

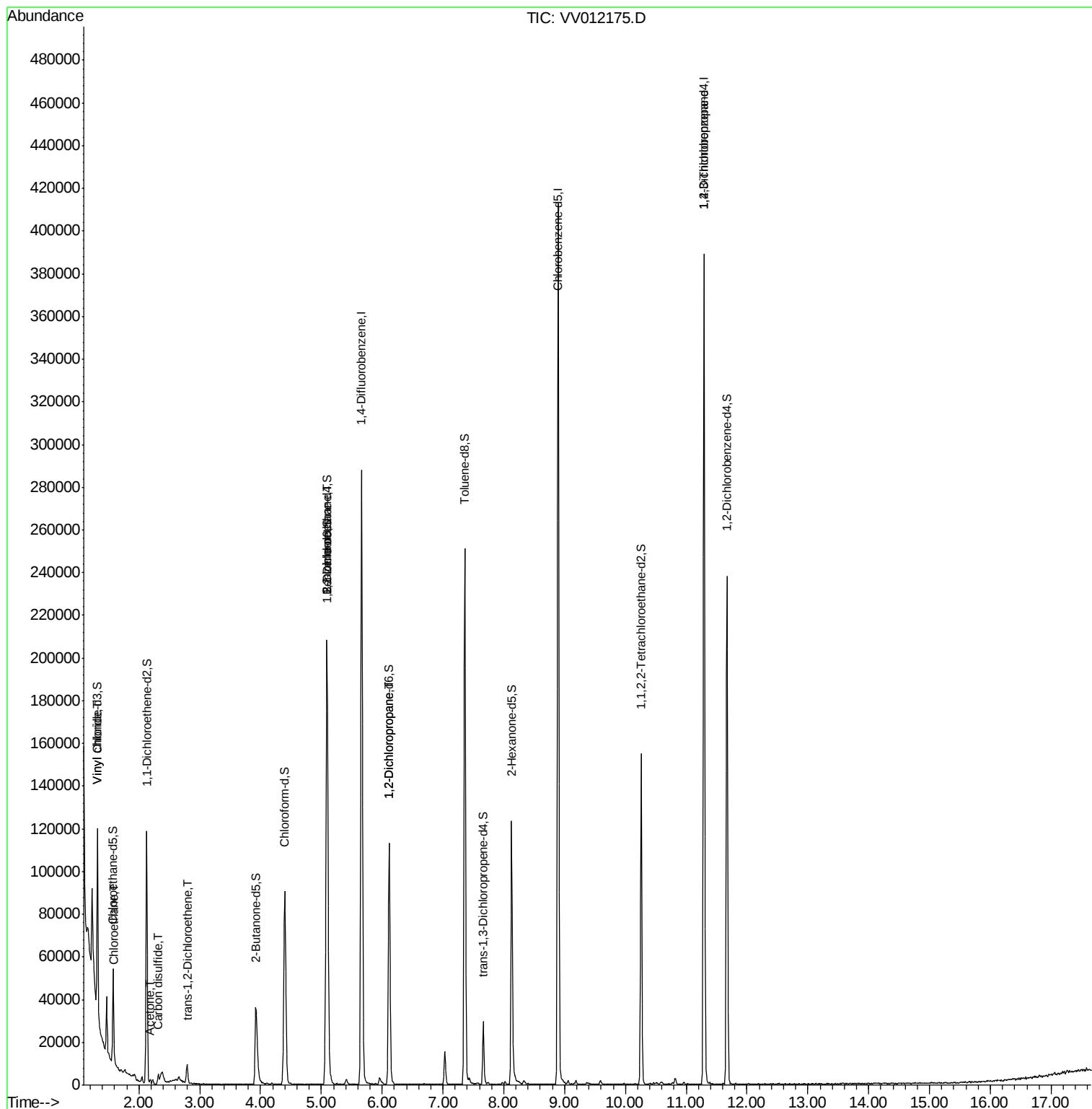
					Qvalue	
5) Vinyl chloride	1.32	62	12115	8.558	ug/L #	55
8) Chloroethane	1.59	64	342	0.461	ug/L #	66
13) Acetone	2.19	43	664	0.982	ug/L	74
14) Carbon disulfide	2.32	76	6309	1.684	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	3315	2.187	ug/L	96
27) 1,2-Dichloroethane	5.10	62	1208	0.513	ug/L #	73
37) 1,2-Dichloropropane	6.12	63	6107	4.291	ug/L #	84
59) 1,2,3-Trichloropropane	11.29	75	9726	5.064	ug/L #	85

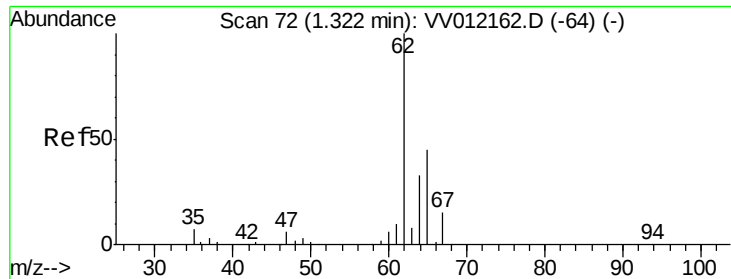
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.558 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012175.D

Acq: 10 Aug 2019 02:05

Instrument :

MSVOA_V

ClientSampleId :

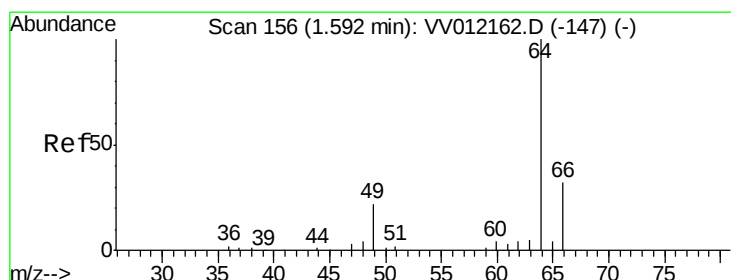
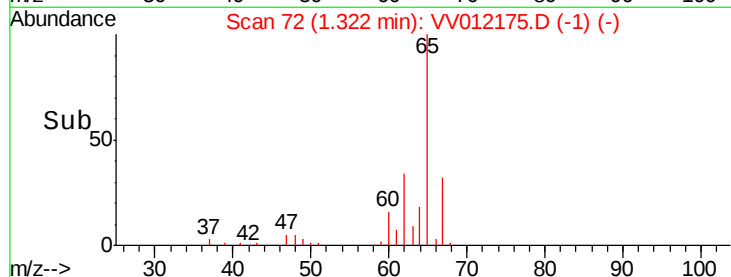
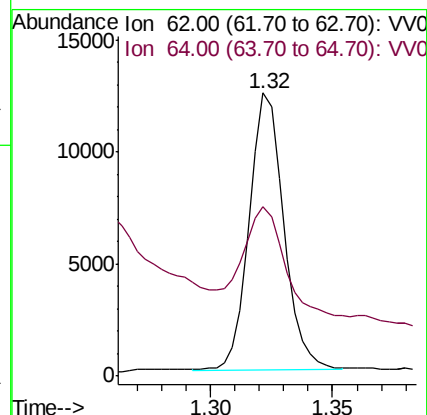
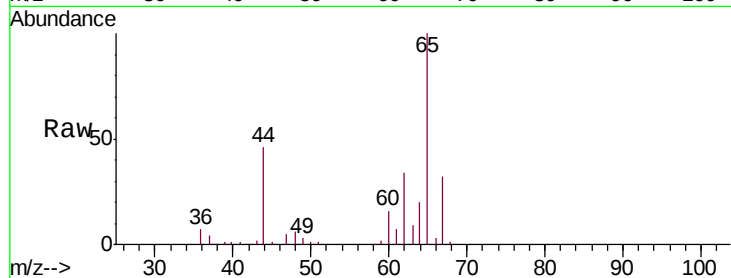
F2B51

Tgt Ion: 62 Resp: 12115

Ion Ratio Lower Upper

62 100

64 59.8 23.7 44.1#



#8

Chloroethane

Concen: 0.461 ug/L

RT: 1.59 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV012175.D

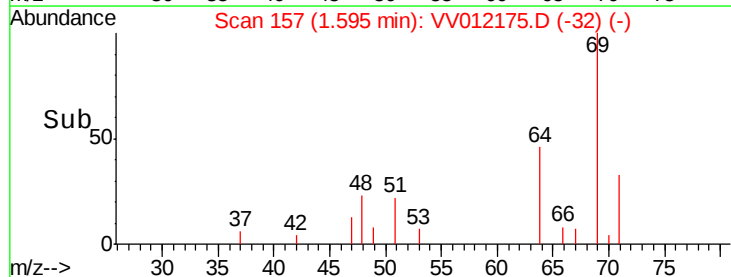
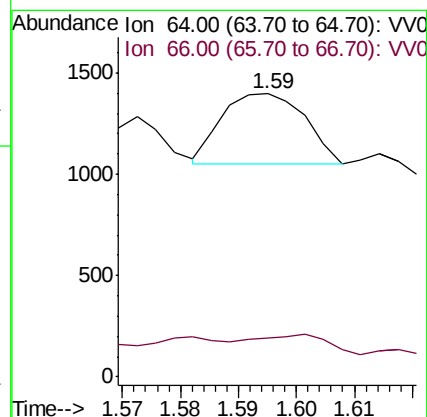
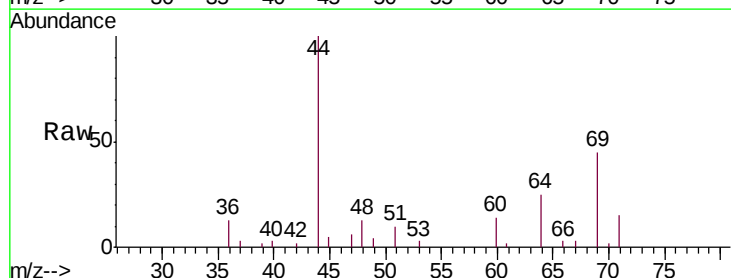
Acq: 10 Aug 2019 02:05

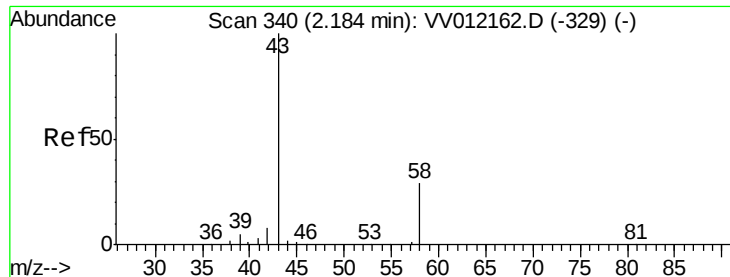
Tgt Ion: 64 Resp: 342

Ion Ratio Lower Upper

64 100

66 13.8 22.9 42.5#





#13

Acetone

Concen: 0.982 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV012175.D

Acq: 10 Aug 2019 02:05

Instrument :

MSVOA_V

ClientSampleId :

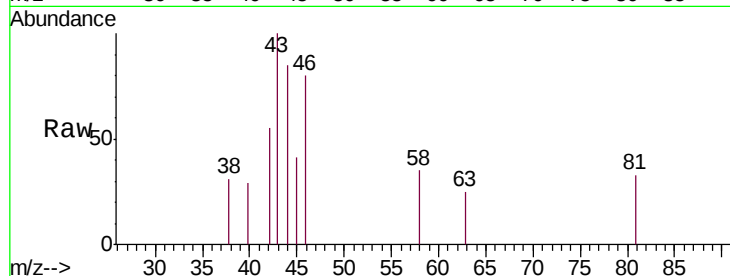
F2B51

Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

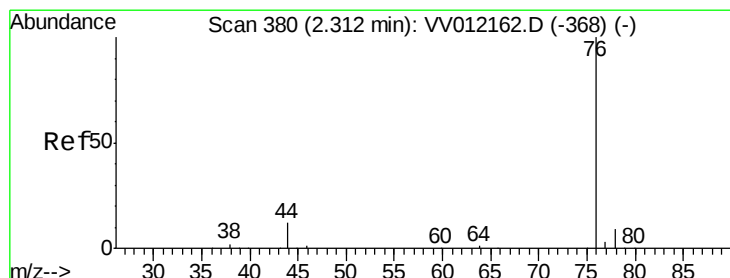
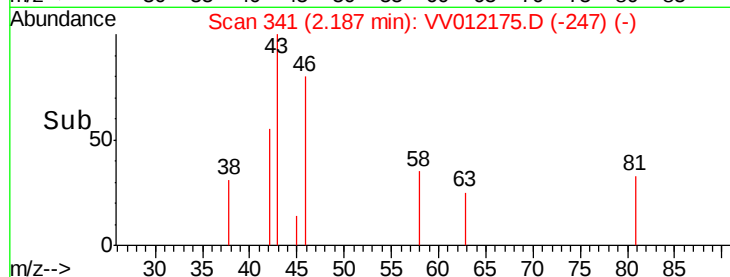
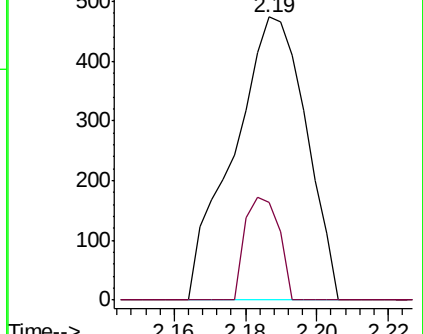
43 100

58 17.0 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 1.684 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV012175.D

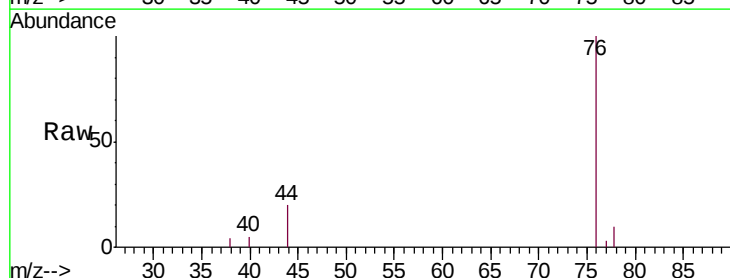
Acq: 10 Aug 2019 02:05

Tgt Ion: 76 Resp: 6309

Ion Ratio Lower Upper

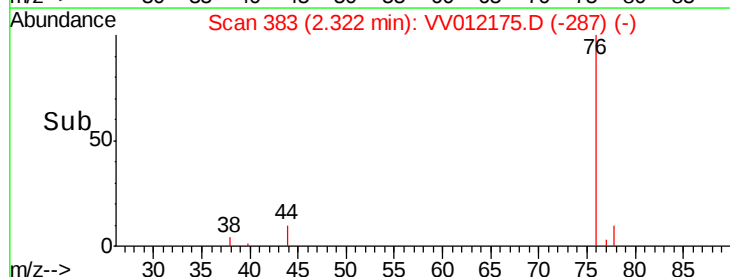
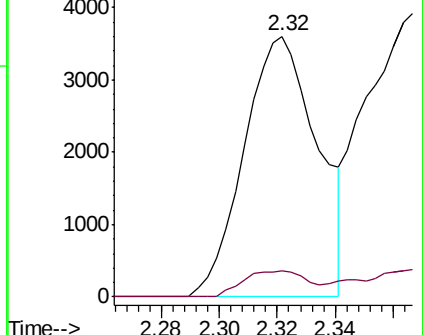
76 100

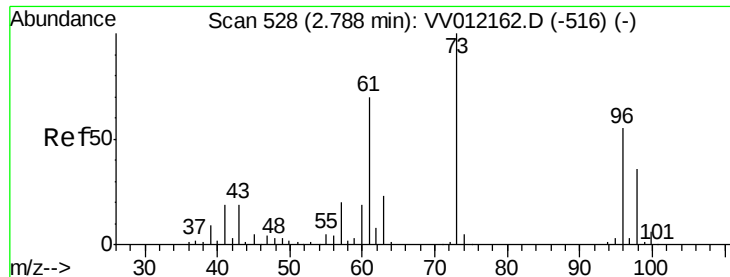
78 10.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

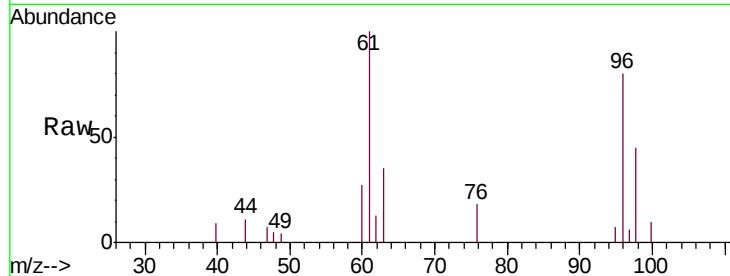




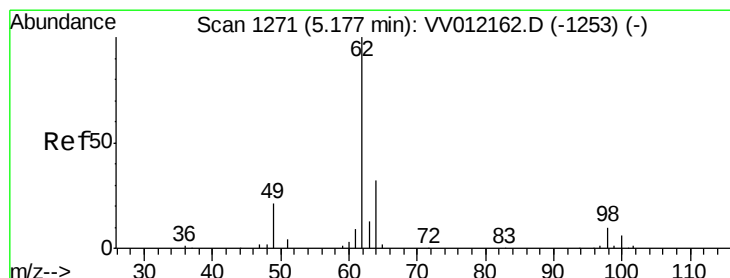
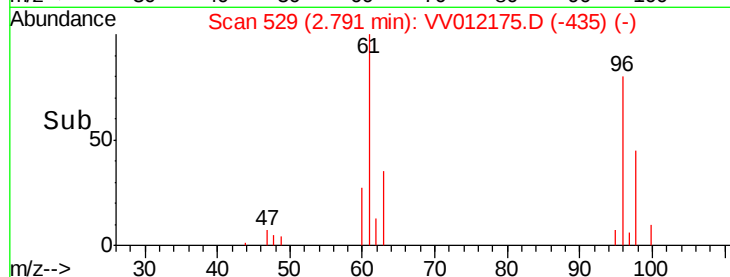
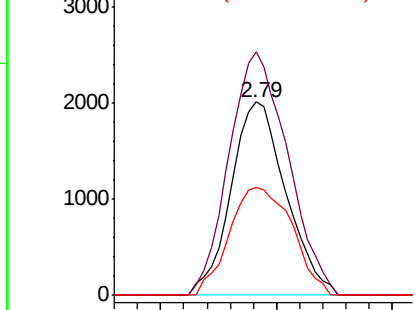
#17
trans-1,2-Dichloroethene
Concen: 2.187 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV012175.D
Acq: 10 Aug 2019 02:05

Instrument :
MSVOA_V
ClientSampleId :
F2B51

Tgt Ion: 96 Resp: 3315
Ion Ratio Lower Upper
96 100
61 125.7 89.3 165.9
98 56.0 44.7 83.1

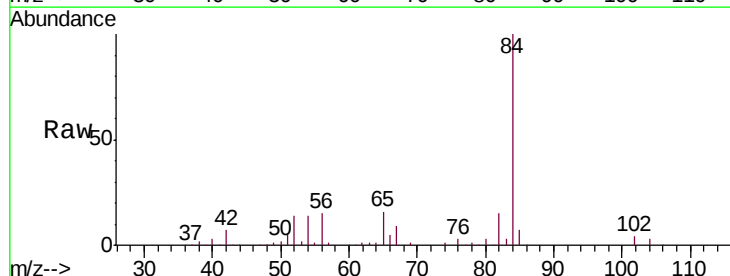


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

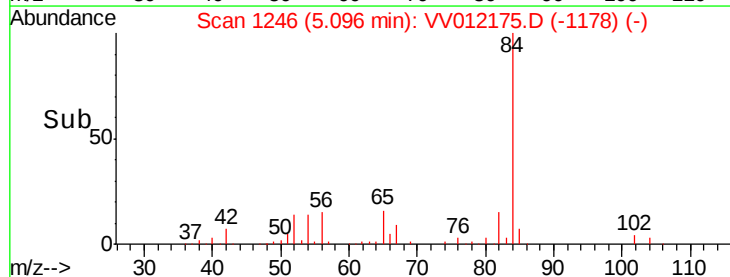
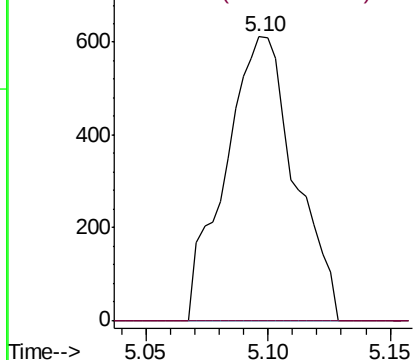


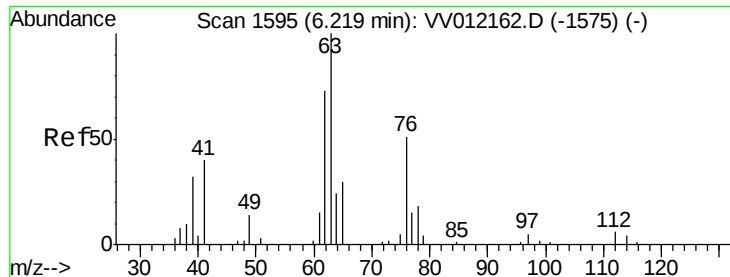
#27
1,2-Dichloroethane
Concen: 0.513 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV012175.D
Acq: 10 Aug 2019 02:05

Tgt Ion: 62 Resp: 1208
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

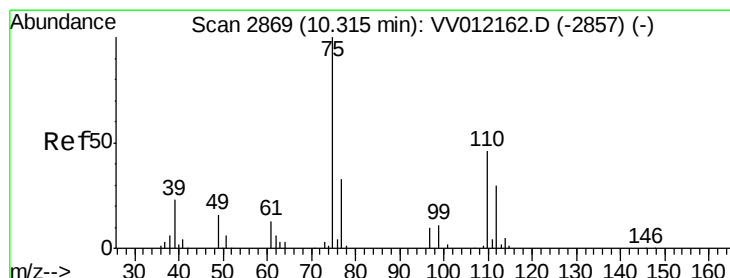
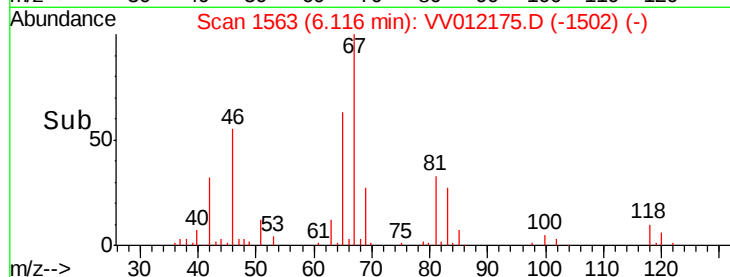
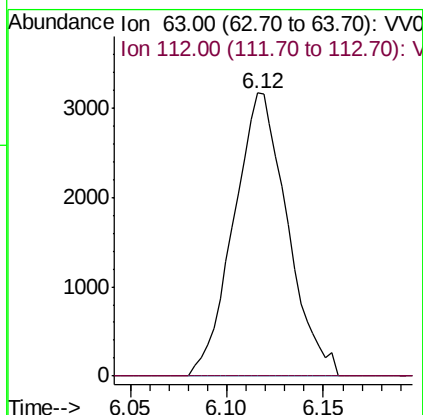
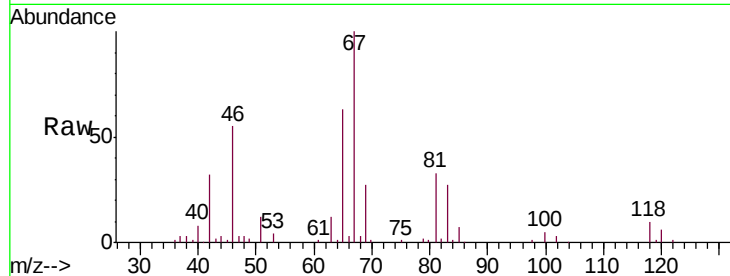




#37
 1,2-Dichloropropane
 Concen: 4.291 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012175.D
 Acq: 10 Aug 2019 02:05

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B51

Tgt Ion: 63 Resp: 6107
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.064 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012175.D
 Acq: 10 Aug 2019 02:05

Tgt Ion: 75 Resp: 9726
 Ion Ratio Lower Upper
 75 100
 77 41.4 26.3 39.5#

