

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010272.D
 Acq On : 12 Apr 2019 05:23
 Operator : SY/MD
 Sample : K2328-05
 Misc : 5.55G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB717

Quant Time: Apr 12 06:50:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	295617	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	274438	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121801	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	48484	14.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.00%
7) Chloroethane-d5	1.57	69	61993	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.80%
10) 1,1-Dichloroethene-d2	2.12	63	108987	12.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.32%
20) 2-Butanone-d5	3.94	46	44700	51.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.82%
24) Chloroform-d	4.39	84	158617	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	93656	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.44%
29) Benzene-d6	5.09	84	294927	22.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.16%
33) 1,2-Dichloropropane-d6	6.11	67	96617	24.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.20%
37) Toluene-d8	7.36	98	260224	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.68%
38) trans-1,3-Dichloropropene-	7.66	79	32317	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.76%
39) 2-Hexanone-d5	8.14	63	31763	46.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80293	22.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	104160	23.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.64%

Target Compounds

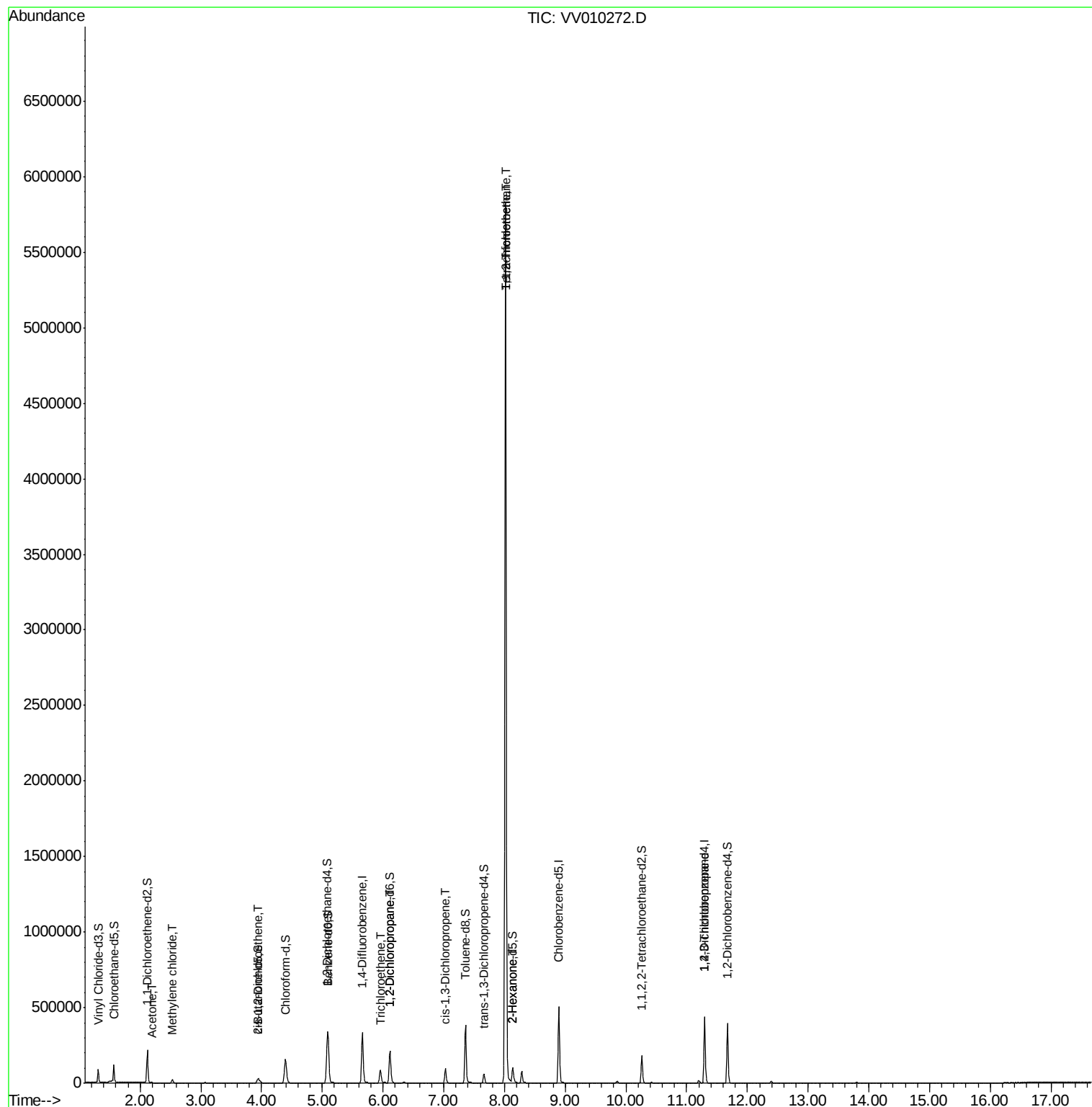
					Qvalue
13) Acetone	2.19	43	2484	2.700 ug/L	90
16) Methylene chloride	2.53	84	10099	1.744 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	4780	1.185 ug/L	76
35) Trichloroethene	5.96	95	27384	6.813 ug/L	97
40) 1,2-Dichloropropane	6.12	63	11639	3.419 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	3157	0.612 ug/L #	55
46) 1,1,2-Trichloroethane	8.02	97	10424	3.610 ug/L #	2
47) Tetrachloroethene	8.02	164	1234641	346.492 ug/L	97
49) 2-Hexanone	8.13	43	4224	2.916 ug/L #	69
59) 1,2,3-Trichloropropane	11.30	75	14565	5.545 ug/L	92

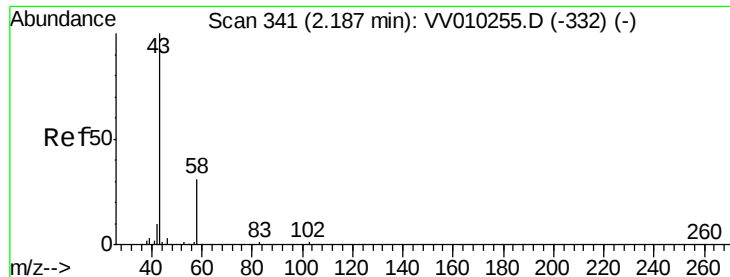
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.700 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV010272.D

Acq: 12 Apr 2019 05:23

Instrument :

MSVOA_V

ClientSampleId :

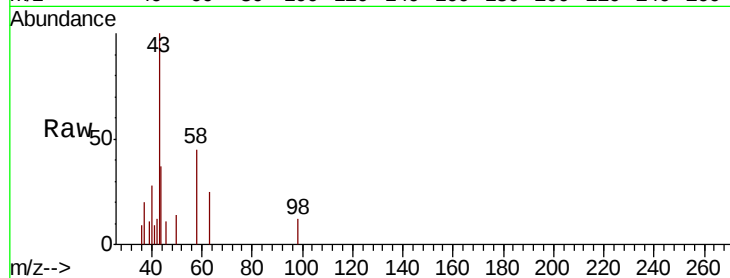
DB717

Tgt Ion: 43 Resp: 2484

Ion Ratio Lower Upper

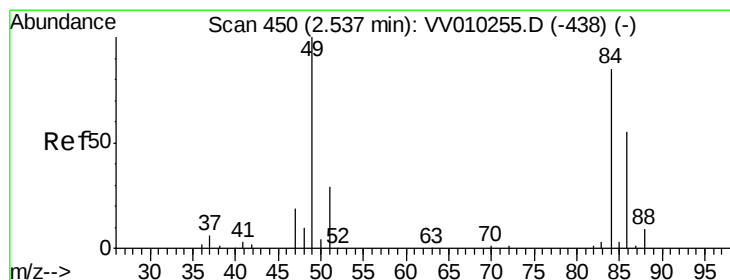
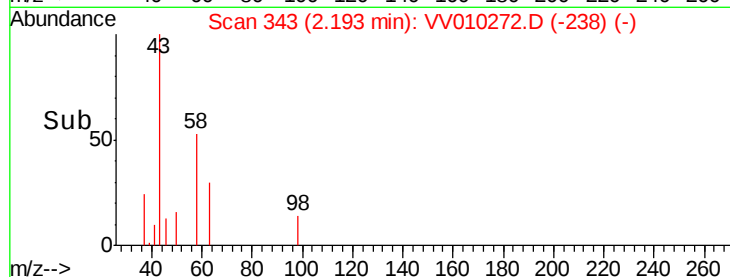
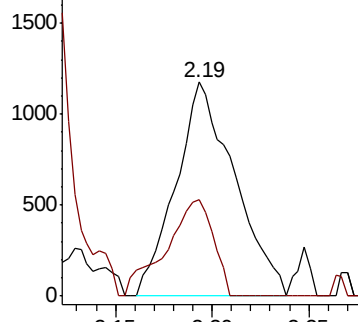
43 100

58 36.3 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010272.D (-343) (-)

Ion 58.00 (57.70 to 58.70): VV010272.D (-343) (-)



#16

Methylene chloride

Concen: 1.744 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.01 min

Lab File: VV010272.D

Acq: 12 Apr 2019 05:23

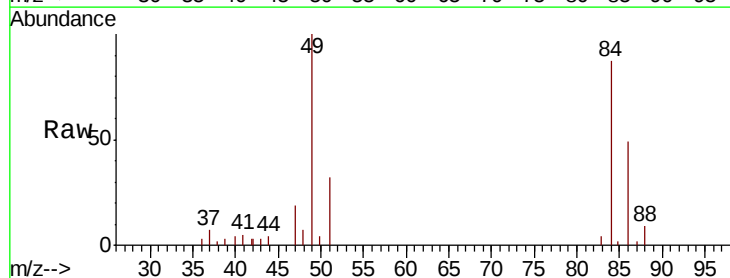
Tgt Ion: 84 Resp: 10099

Ion Ratio Lower Upper

84 100

49 115.0 79.9 148.5

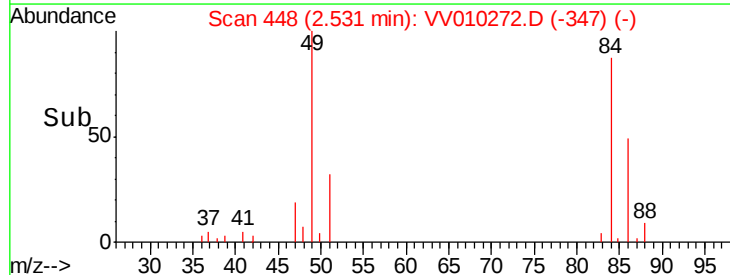
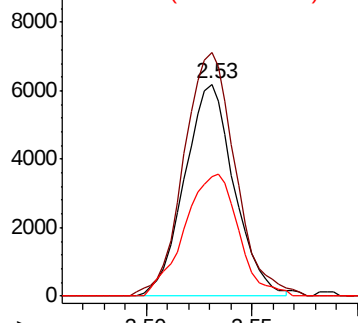
86 56.6 44.5 82.7

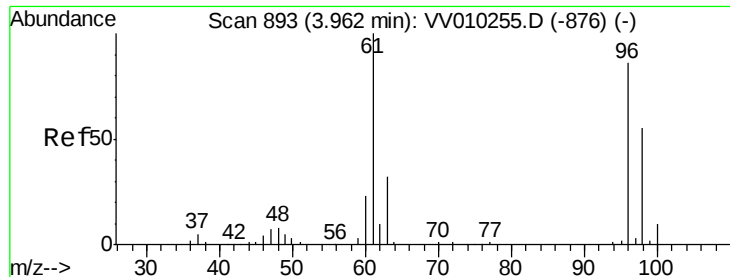


Abundance Ion 84.00 (83.70 to 84.70): VV010272.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV010272.D (-347) (-)

Ion 86.00 (85.70 to 86.70): VV010272.D (-347) (-)



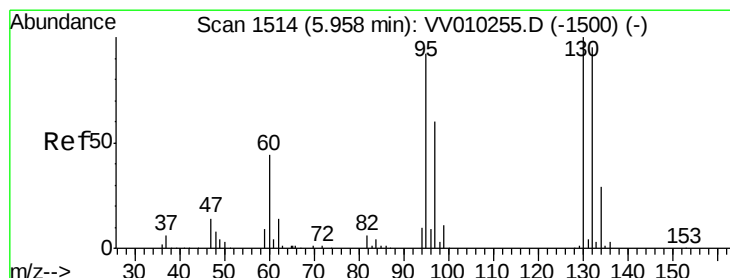
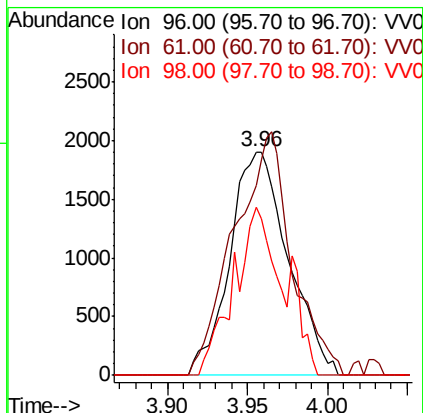
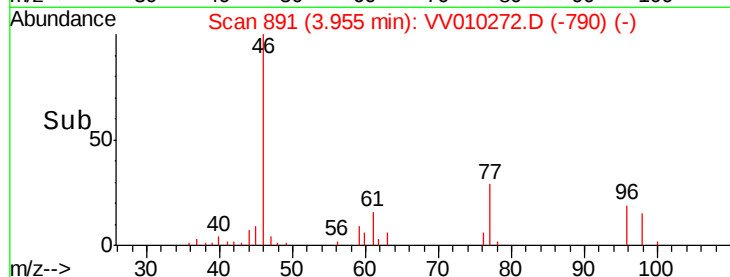
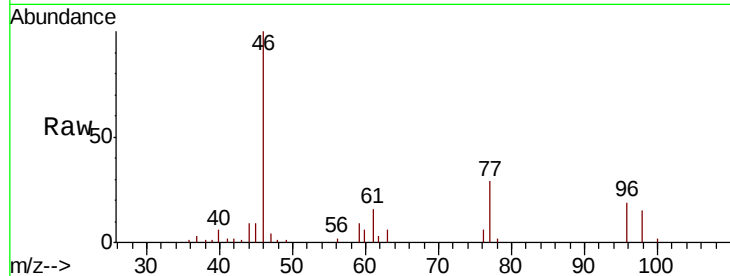


#22

cis-1,2-Dichloroethene
Concen: 1.185 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.01 min
Lab File: VV010272.D
Acq: 12 Apr 2019 05:23

Instrument :
MSVOA_V
ClientSampled :
DB717

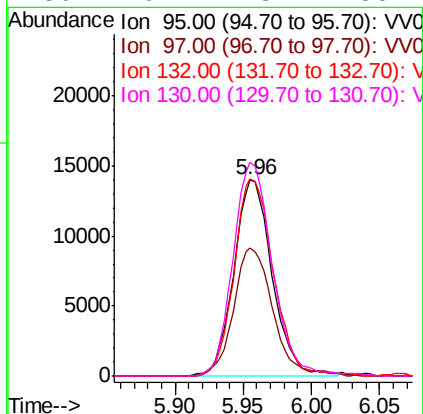
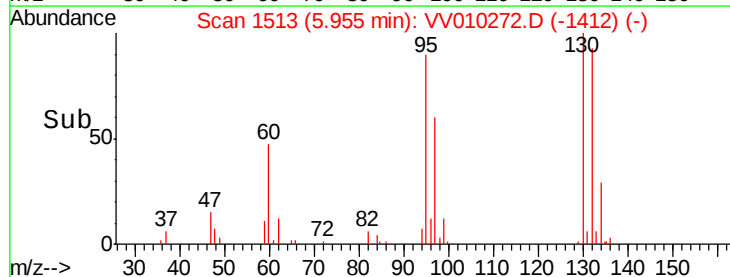
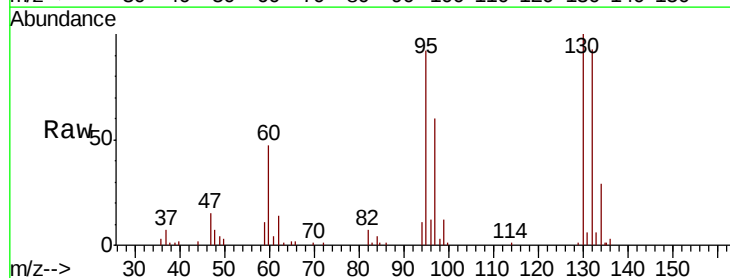
Tgt Ion: 96 Resp: 4780
Ion Ratio Lower Upper
96 100
61 85.3 84.9 157.7
98 75.2 47.0 87.4

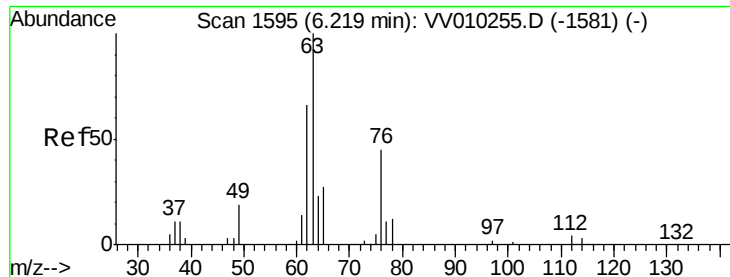


#35

Trichloroethene
Concen: 6.813 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VV010272.D
Acq: 12 Apr 2019 05:23

Tgt Ion: 95 Resp: 27384
Ion Ratio Lower Upper
95 100
97 65.4 44.3 82.3
132 102.5 71.3 132.3
130 110.7 73.4 136.4

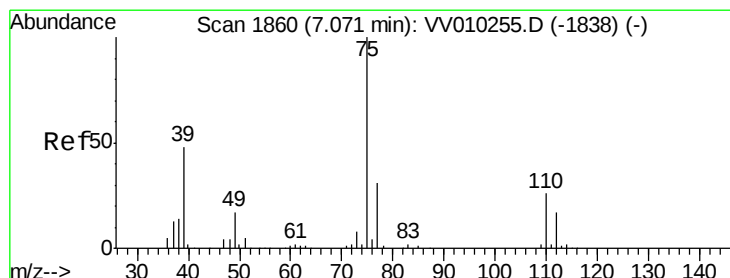
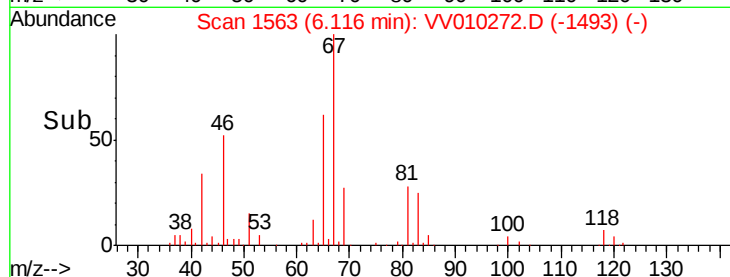
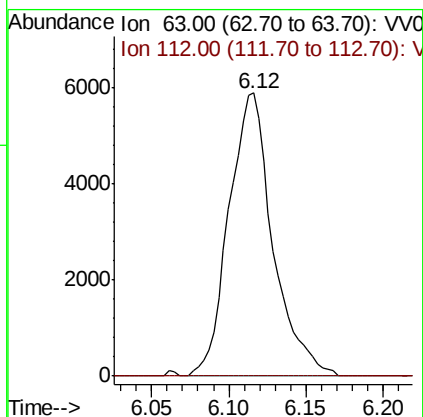
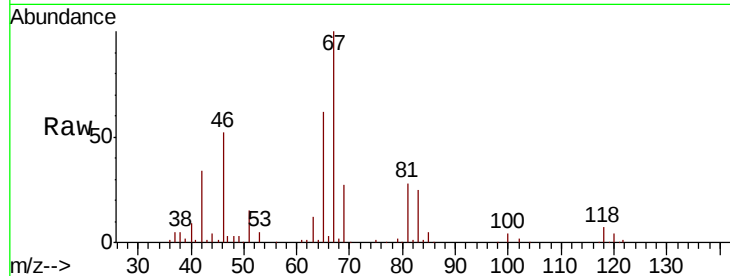




#40
 1,2-Dichloropropane
 Concen: 3.419 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV010272.D
 Acq: 12 Apr 2019 05:23

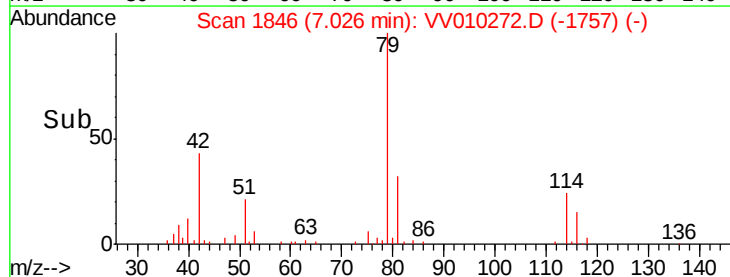
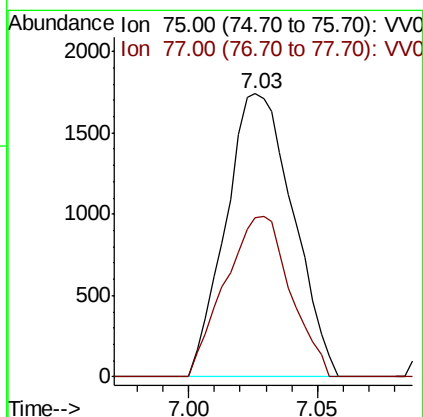
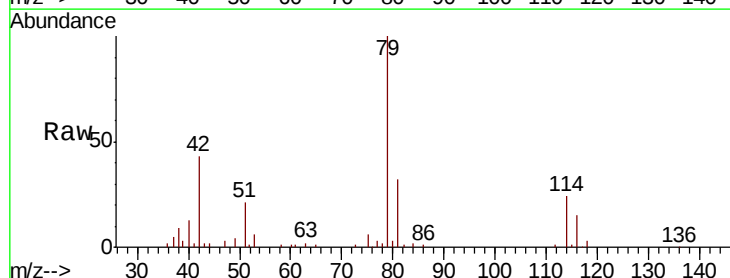
Instrument :
 MSVOA_V
 ClientSampled :
 DB717

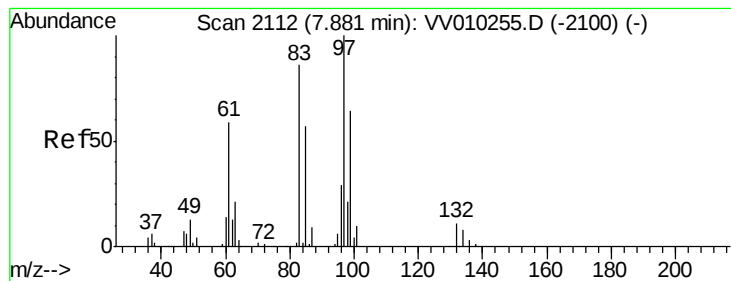
Tgt Ion: 63 Resp: 11639
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.612 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV010272.D
 Acq: 12 Apr 2019 05:23

Tgt Ion: 75 Resp: 3157
 Ion Ratio Lower Upper
 75 100
 77 56.2 21.9 40.7#





#46

1,1,2-Trichloroethane

Concen: 3.610 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.14 min

Lab File: VV010272.D

Acq: 12 Apr 2019 05:23

Instrument :

MSVOA_V

ClientSampleID :

DB717

Tgt Ion: 97 Resp: 10424

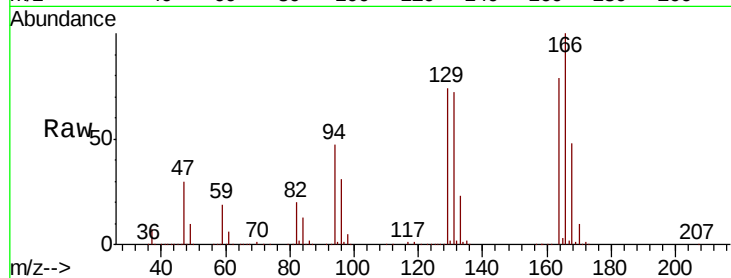
Ion Ratio Lower Upper

97 100

83 248.9 60.5 112.5#

85 40.2 38.8 72.0

99 18.0 45.6 84.6#



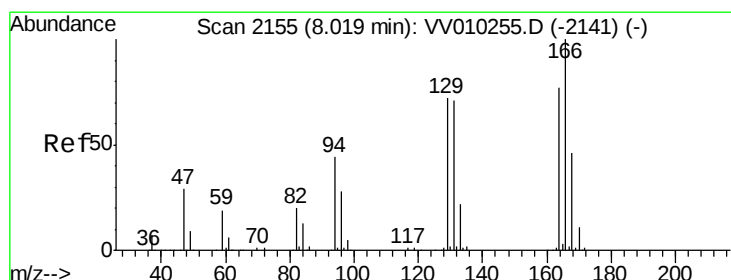
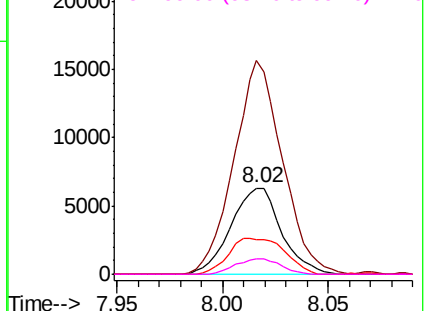
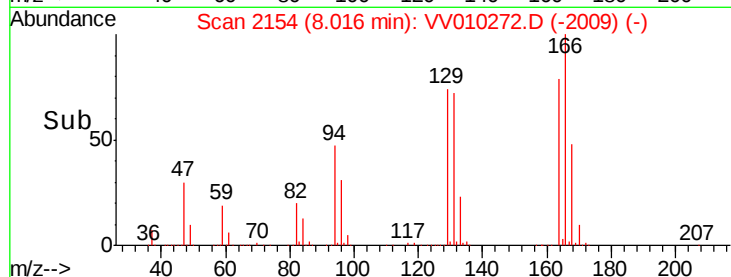
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 99.00 (98.70 to 99.70): VV0



#47

Tetrachloroethene

Concen: 346.492 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010272.D

Acq: 12 Apr 2019 05:23

Tgt Ion: 164 Resp: 1234641

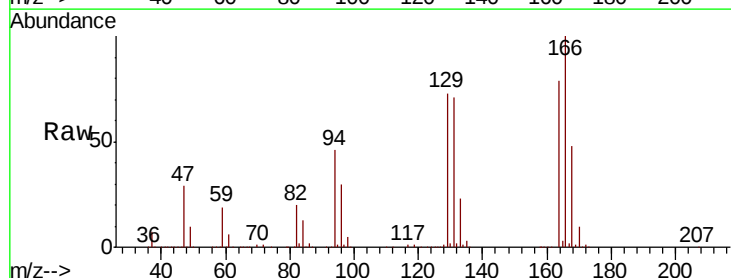
Ion Ratio Lower Upper

164 100

129 92.4 62.6 116.2

131 90.2 60.0 111.4

166 126.9 87.4 162.2



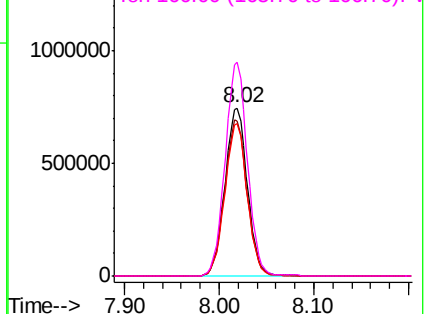
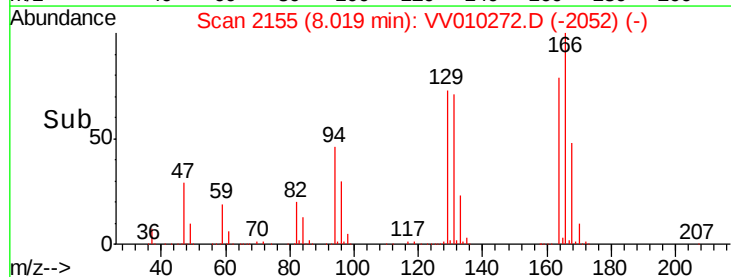
Abundance

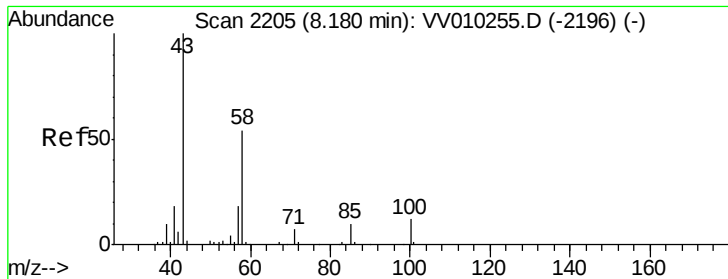
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

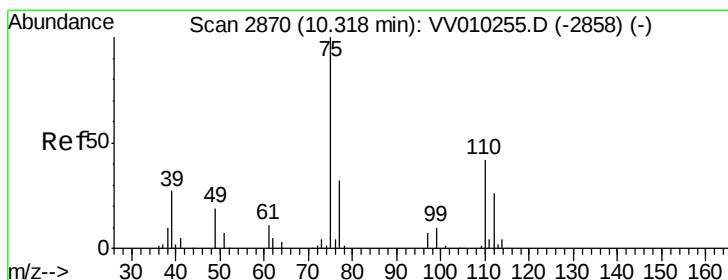
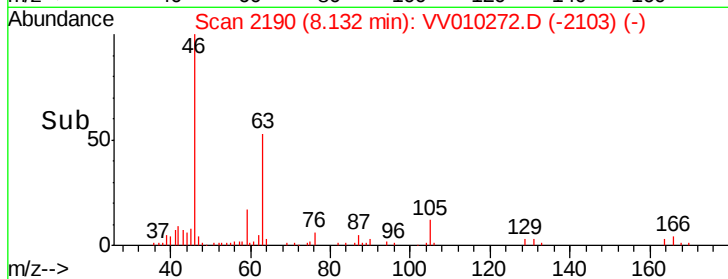
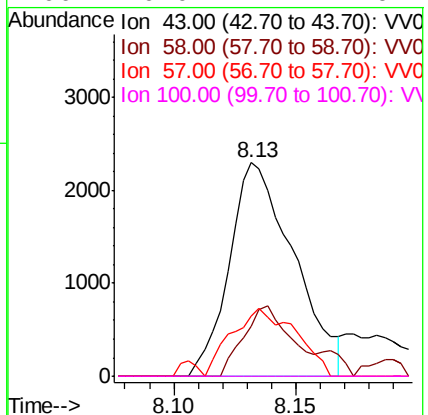
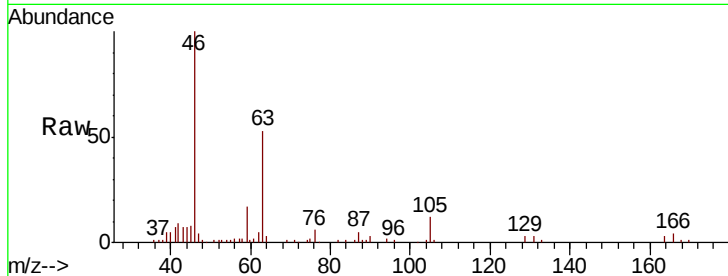




#49
 2-Hexanone
 Concen: 2.916 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV010272.D
 Acq: 12 Apr 2019 05:23

Instrument :
 MSVOA_V
 ClientSampleId :
 DB717

Tgt Ion: 43 Resp: 4224
 Ion Ratio Lower Upper
 43 100
 58 24.1 42.8 64.2#
 57 20.8 16.2 24.4
 100 0.0 11.1 16.7#



#59
 1,2,3-Trichloropropane
 Concen: 5.545 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010272.D
 Acq: 12 Apr 2019 05:23

Tgt Ion: 75 Resp: 14565
 Ion Ratio Lower Upper
 75 100
 77 37.9 26.9 40.3

