

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081518\
 Data File : VV007031.D
 Acq On : 16 Aug 2018 00:06
 Operator : SY/MD
 Sample : J4487-17
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0349

Quant Time: Aug 16 02:50:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 16 02:48:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	201466	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67263	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.58	69	54813	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.14	63	479245	19.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	392.80%#
20) 2-Butanone-d5	3.97	46	173267	46.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.66%
24) Chloroform-d	4.41	84	124975	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.09	65	65903	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	249529	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.12	67	83247	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.37	98	179831	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.67	79	24899	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.15	63	77453	32.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61400	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	62648	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

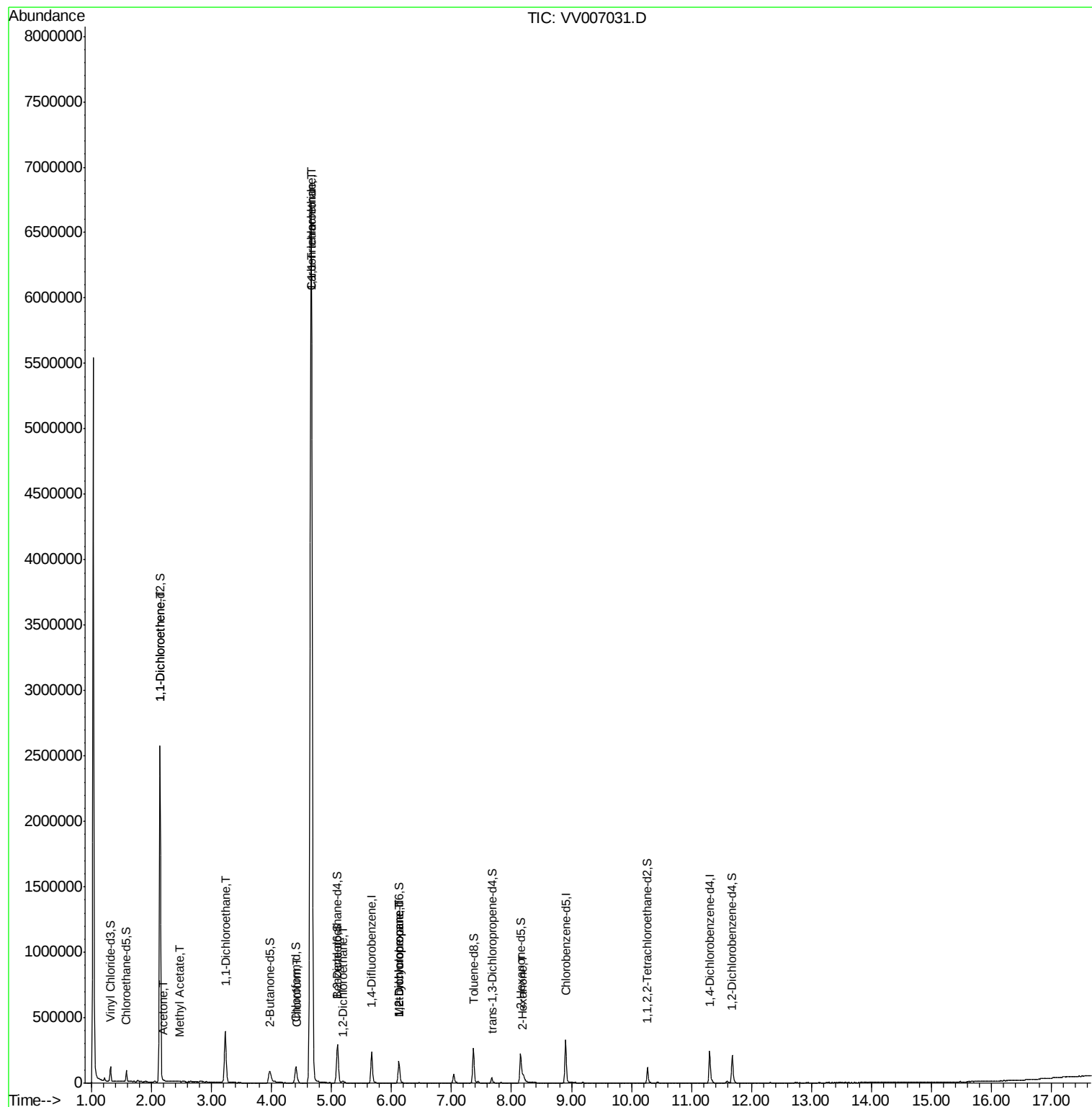
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.14	96	780310	53.937	ug/L #	73
13) Acetone	2.21	43	5385	2.796	ug/L	56
15) Methyl Acetate	2.47	43	2506	0.462	ug/L	94
19) 1,1-Dichloroethane	3.23	63	396590	14.181	ug/L	99
25) Chloroform	4.43	83	8682	0.284	ug/L	99
27) 1,2-Dichloroethane	5.19	62	8557	0.448	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	5385439	212.760	ug/L	99
31) Carbon tetrachloride	4.66	117	722623	34.042	ug/L	99
35) Methylcyclohexane	6.12	83	19217	0.759	ug/L #	16
37) 1,2-Dichloropropane	6.13	63	8316	0.462	ug/L #	88
48) 2-Hexanone	8.20	43	22490	3.279	ug/L	91

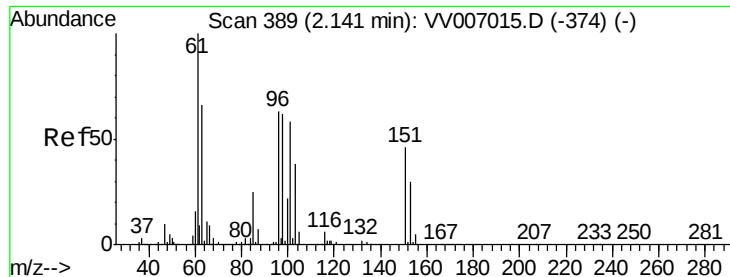
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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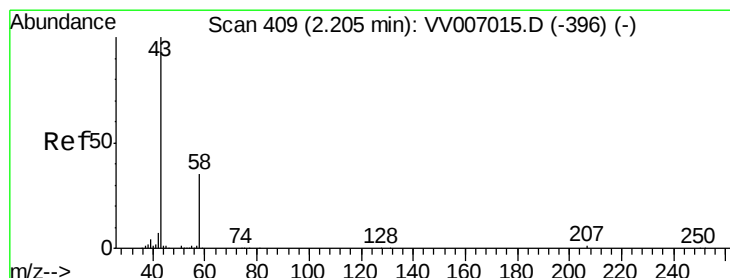
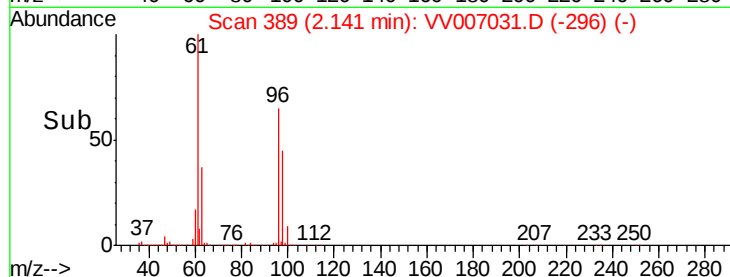
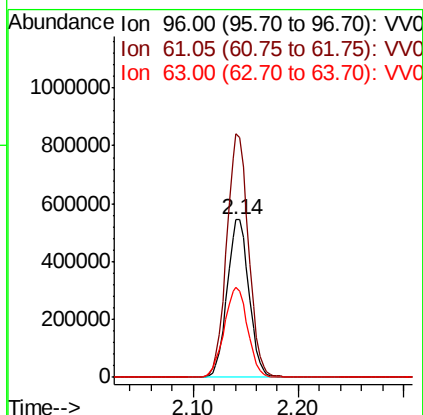
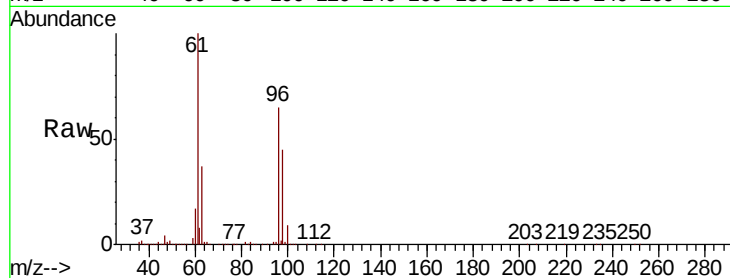




#12
 1,1-Dichloroethene
 Concen: 53.937 ug/L
 RT: 2.14 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VV007031.D
 Acq: 16 Aug 2018 00:06

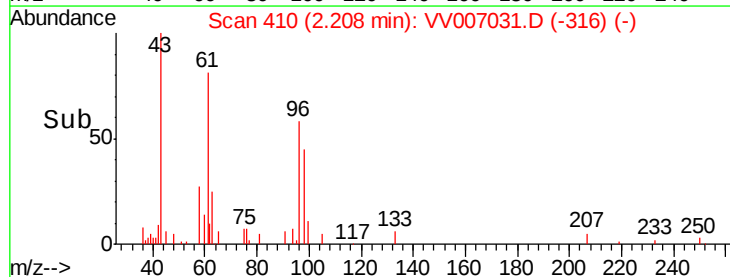
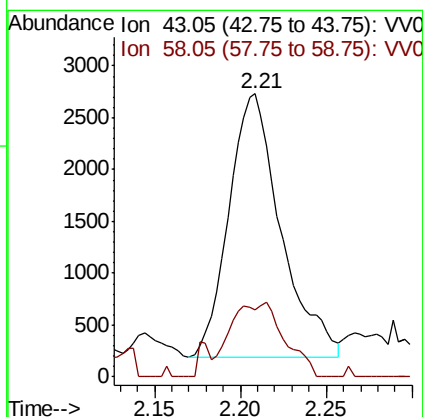
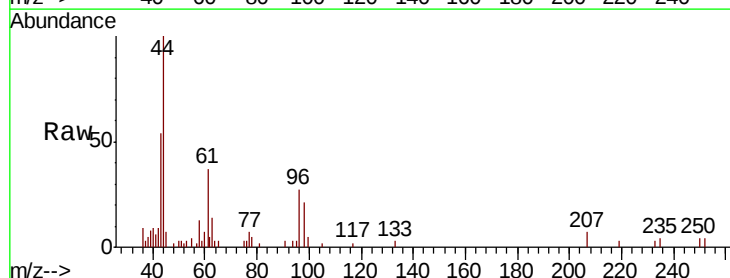
Instrument :
 MSVOA_V
 ClientSampleId :
 C0349

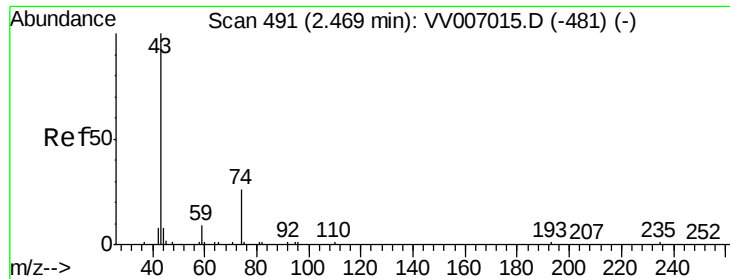
Tgt Ion: 96 Resp: 780310
 Ion Ratio Lower Upper
 96 100
 61 154.5 111.6 207.4
 63 57.4 84.9 157.7#



#13
 Acetone
 Concen: 2.796 ug/L
 RT: 2.21 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VV007031.D
 Acq: 16 Aug 2018 00:06

Tgt Ion: 43 Resp: 5385
 Ion Ratio Lower Upper
 43 100
 58 10.0 0.0 71.4

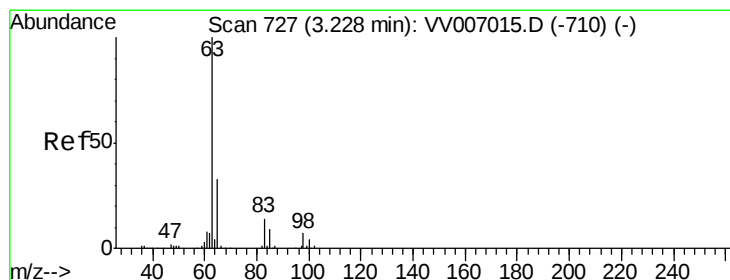
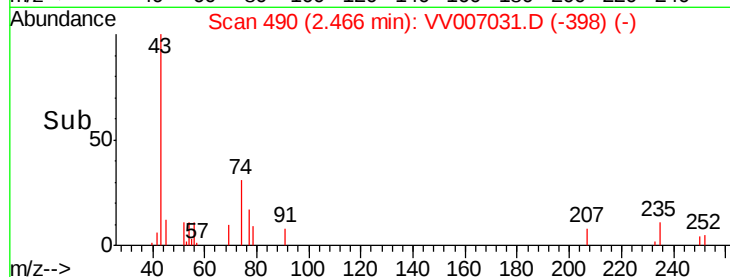
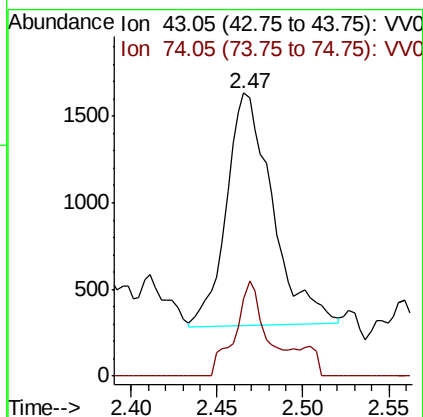
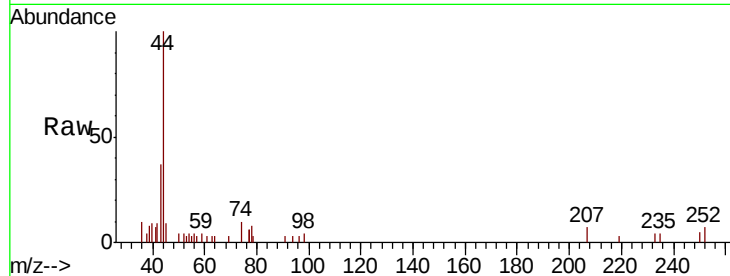




#15
Methyl Acetate
Concen: 0.462 ug/L
RT: 2.47 min Scan# 490
Delta R.T. -0.00 min
Lab File: VV007031.D
Acq: 16 Aug 2018 00:06

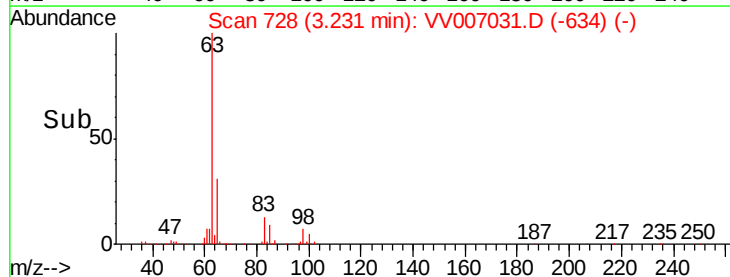
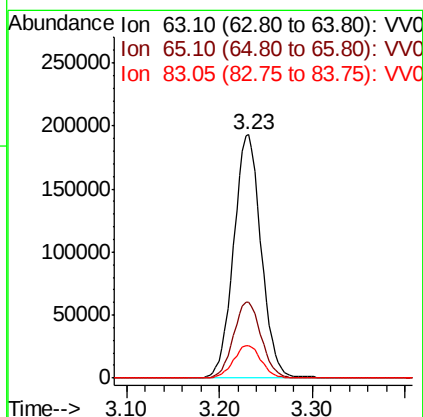
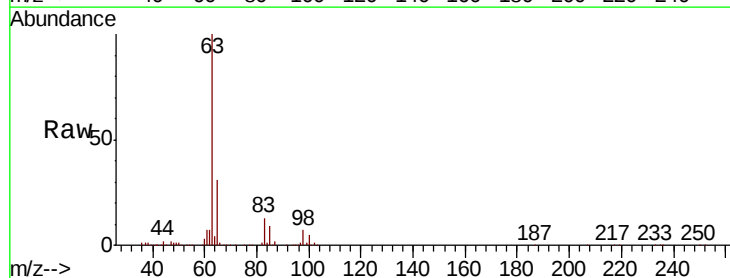
Instrument :
MSVOA_V
ClientSampled :
C0349

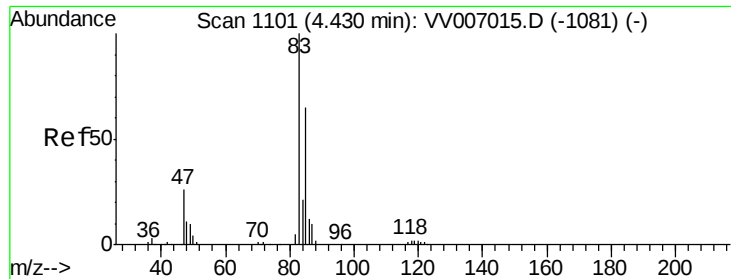
Tgt Ion: 43 Resp: 2506
Ion Ratio Lower Upper
43 100
74 27.5 24.6 37.0



#19
1,1-Dichloroethane
Concen: 14.181 ug/L
RT: 3.23 min Scan# 728
Delta R.T. 0.00 min
Lab File: VV007031.D
Acq: 16 Aug 2018 00:06

Tgt Ion: 63 Resp: 396590
Ion Ratio Lower Upper
63 100
65 31.4 21.7 40.3
83 13.2 10.0 18.6





#25

Chloroform

Concen: 0.284 ug/L

RT: 4.43 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VV007031.D

Acq: 16 Aug 2018 00:06

Instrument :

MSVOA_V

ClientSampleId :

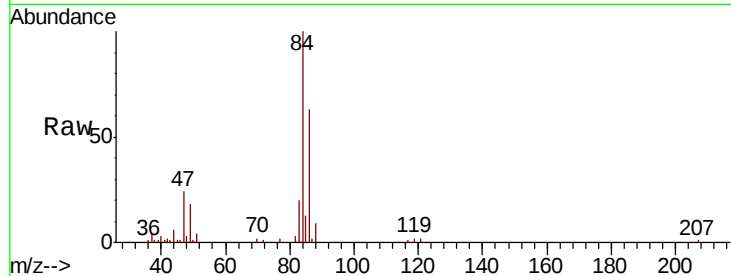
C0349

Tgt Ion: 83 Resp: 8682

Ion Ratio Lower Upper

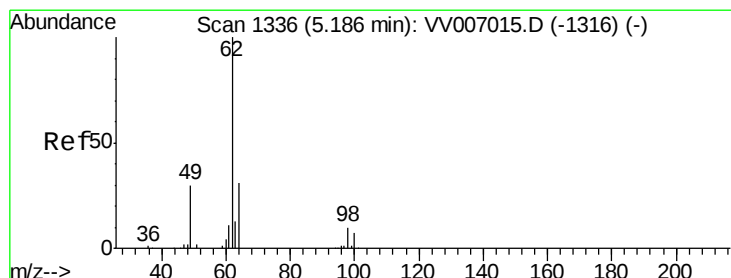
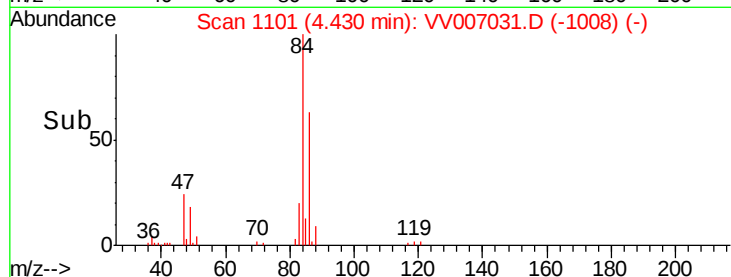
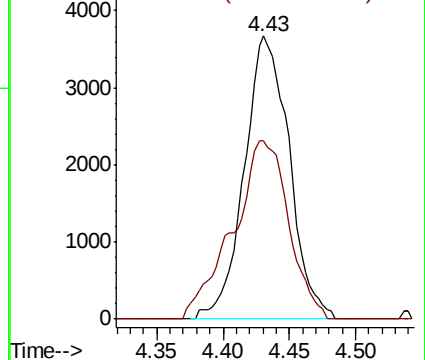
83 100

85 62.9 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VV007015.D (-1081) (-)

Ion 85.00 (84.70 to 85.70): VV007015.D (-1081) (-)



#27

1,2-Dichloroethane

Concen: 0.448 ug/L

RT: 5.19 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VV007031.D

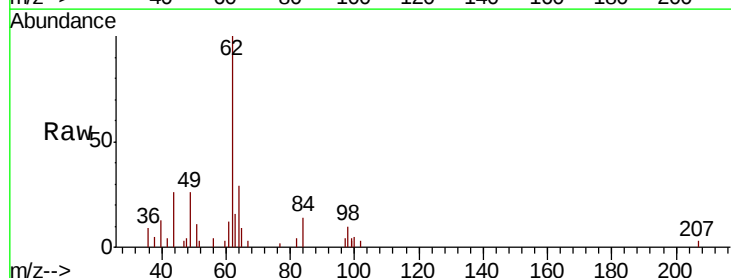
Acq: 16 Aug 2018 00:06

Tgt Ion: 62 Resp: 8557

Ion Ratio Lower Upper

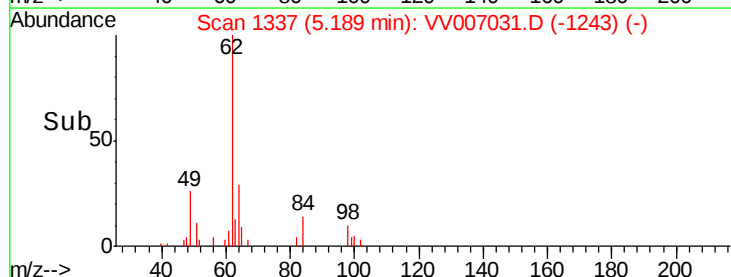
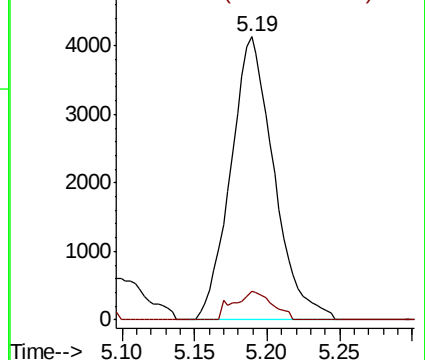
62 100

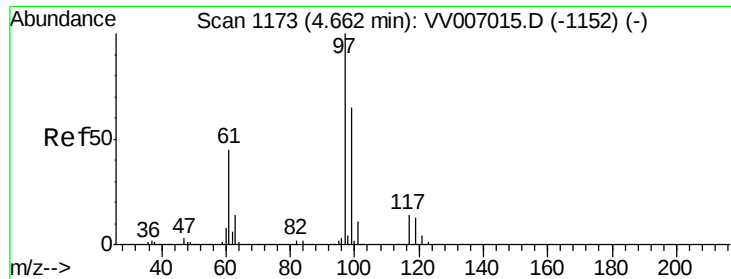
98 10.1 7.6 11.4



Abundance Ion 62.00 (61.70 to 62.70): VV007015.D (-1316) (-)

Ion 98.05 (97.75 to 98.75): VV007015.D (-1316) (-)

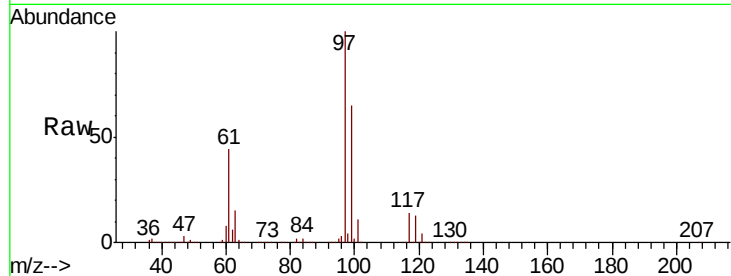




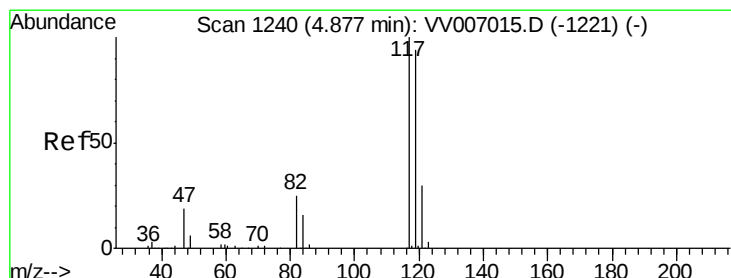
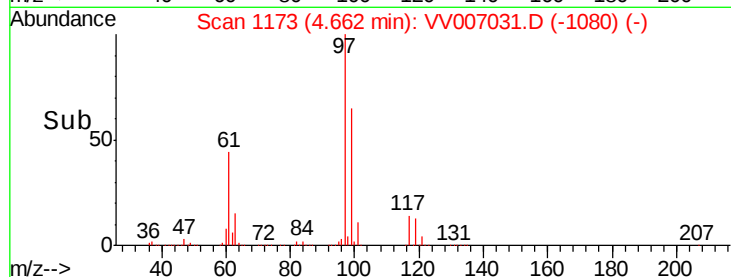
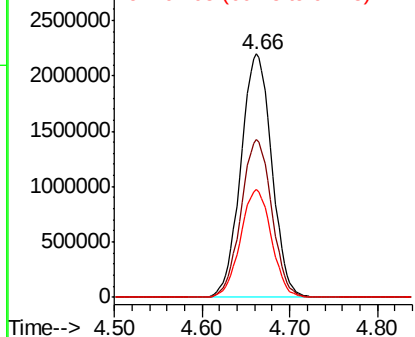
#29
 1,1,1-Trichloroethane
 Concen: 212.760 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007031.D
 Acq: 16 Aug 2018 00:06

Instrument :
 MSVOA_V
 ClientSampled :
 C0349

Tgt Ion: 97 Resp: 5385439
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.0 76.6
 61 44.5 36.6 54.8

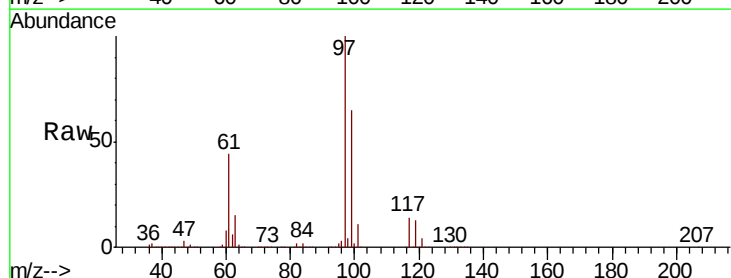


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

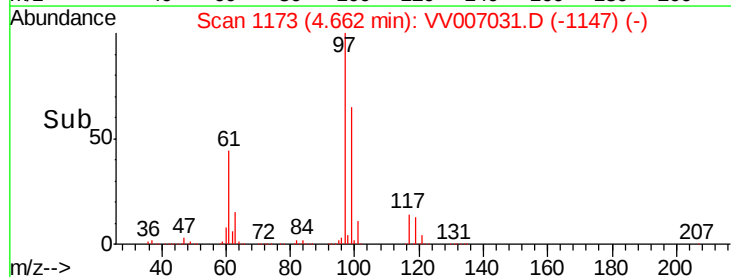
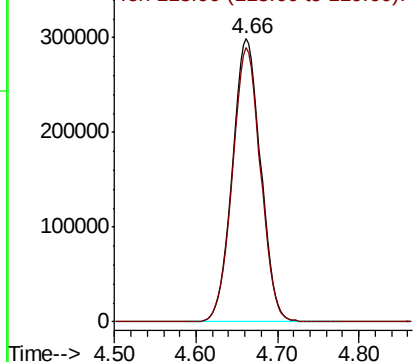


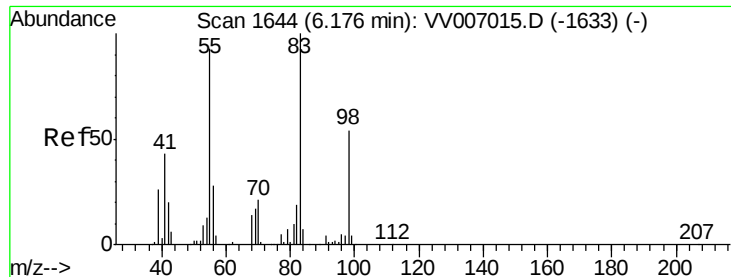
#31
 Carbon tetrachloride
 Concen: 34.042 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.22 min
 Lab File: VV007031.D
 Acq: 16 Aug 2018 00:06

Tgt Ion: 117 Resp: 722623
 Ion Ratio Lower Upper
 117 100
 119 96.2 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V





#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007031.D

Acq: 16 Aug 2018 00:06

Instrument :

MSVOA_V

ClientSampled :

C0349

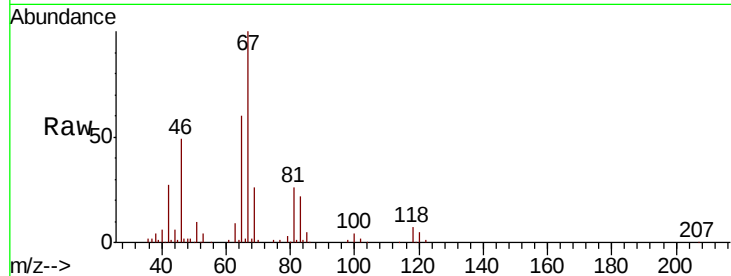
Tgt Ion: 83 Resp: 19217

Ion Ratio Lower Upper

83 100

55 0.3 68.1 102.1#

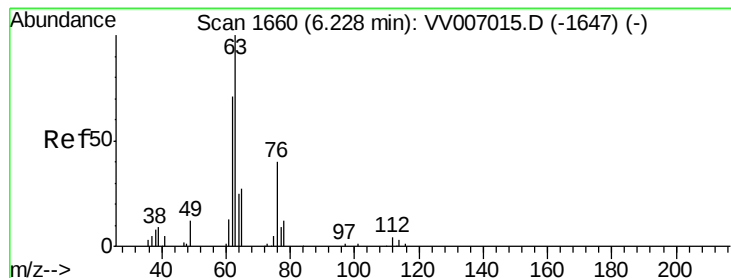
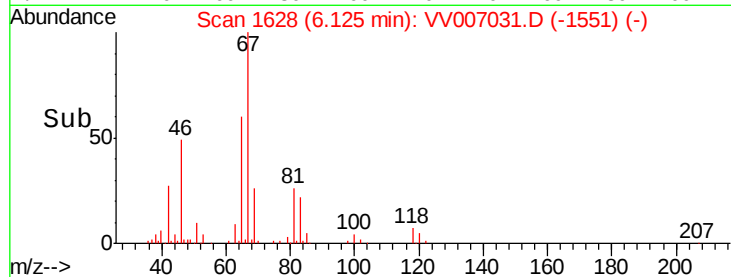
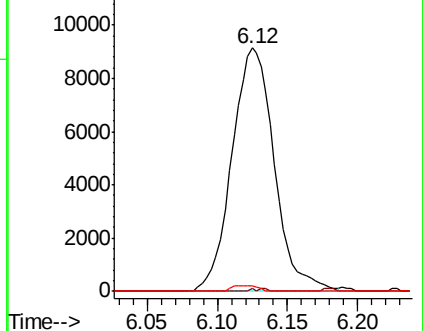
98 1.4 37.9 56.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.462 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VV007031.D

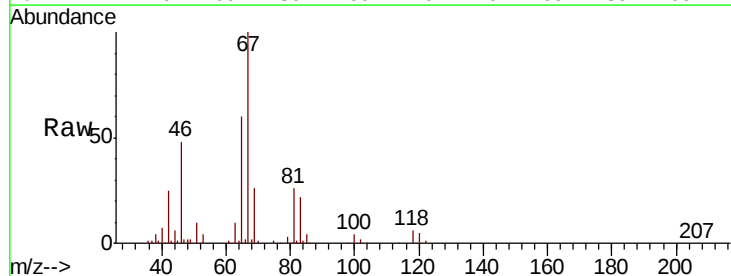
Acq: 16 Aug 2018 00:06

Tgt Ion: 63 Resp: 8316

Ion Ratio Lower Upper

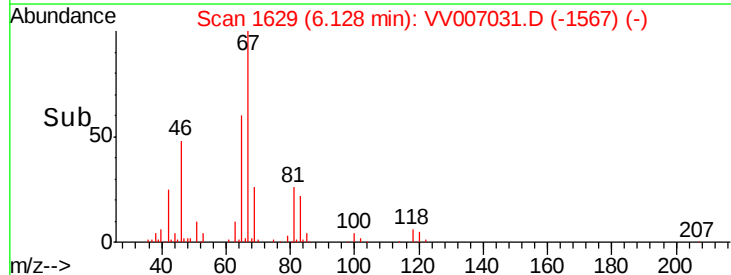
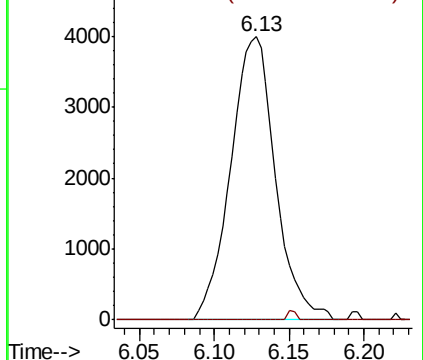
63 100

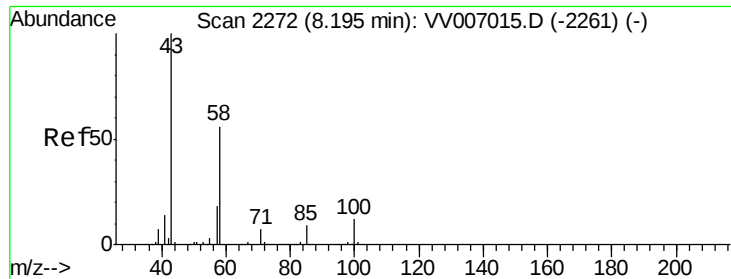
112 0.6 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 3.279 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007031.D
 Acq: 16 Aug 2018 00:06

Instrument :
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Tgt Ion:	43	Resp:	22490
Ion	Ratio	Lower	Upper
43	100		
58	45.6	44.2	66.2
57	18.1	14.8	22.2
100	11.3	8.8	13.2

