

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007531.D
 Acq On : 14 Sep 2018 01:06
 Operator : SY/MD
 Sample : J4888-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KT2

Quant Time: Sep 14 07:31:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 05:10:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	133480	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	121523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62596	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27489	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.58	69	25290	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.13	63	49862	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.97	46	60608	62.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.64%
24) Chloroform-d	4.41	84	61741	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.09	65	30547	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.10	84	119653	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.12	67	35252	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.36	98	118940	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.67	79	14447	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.14	63	32000	52.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25506	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	47869	4.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.60%

Target Compounds

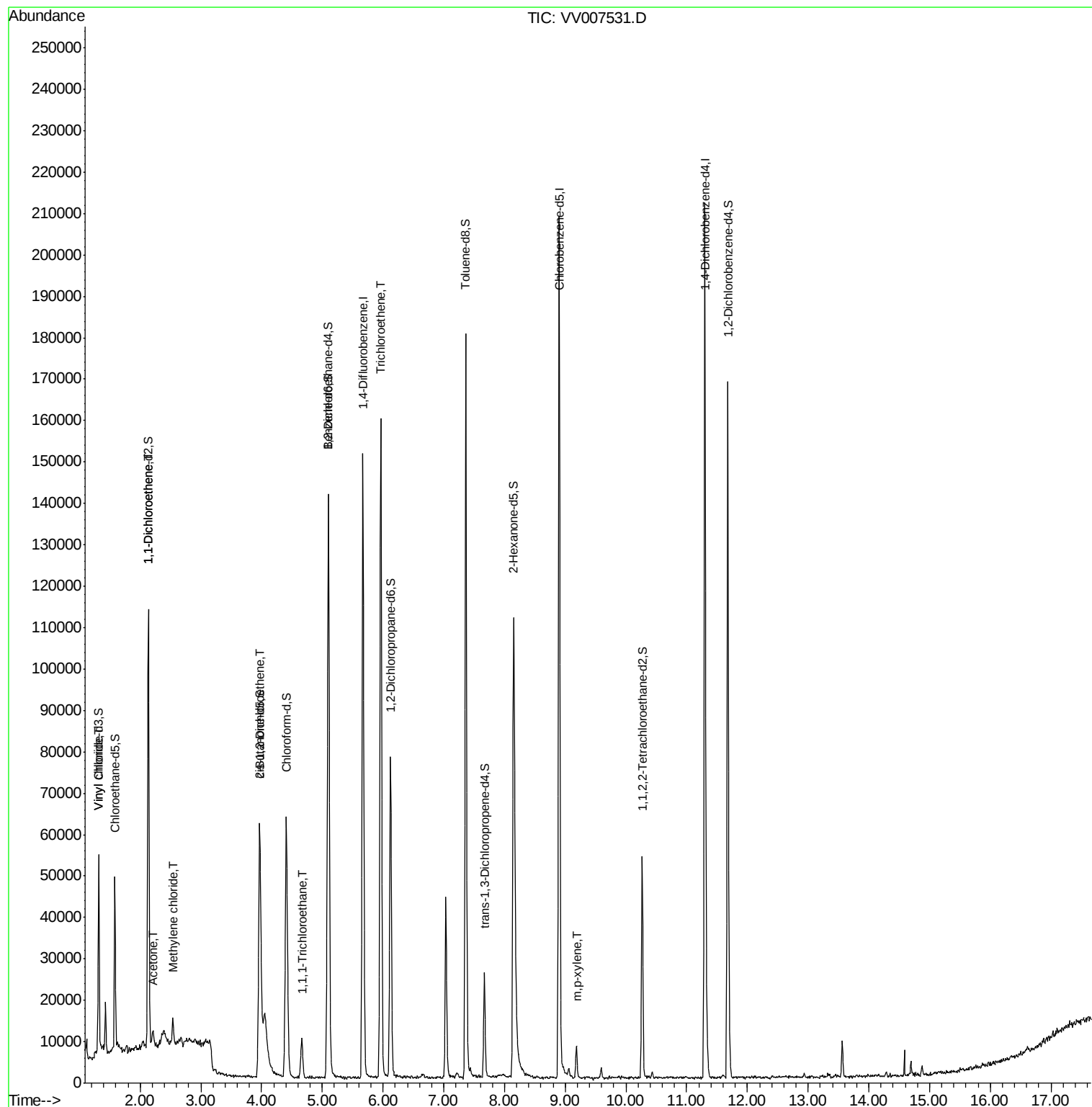
					Qvalue
5) Vinyl chloride	1.32	62	1287	0.184 ug/L #	45
12) 1,1-Dichloroethene	2.15	96	5861	0.865 ug/L #	1
13) Acetone	2.21	43	4975	7.833 ug/L	91
16) Methylene chloride	2.54	84	2774	0.379 ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	16584	2.283 ug/L	99
29) 1,1,1-Trichloroethane	4.67	97	7240	0.613 ug/L	99
34) Trichloroethene	5.96	95	52901	6.874 ug/L	97
53) m,p-xylene	9.18	106	2300	0.182 ug/L	86

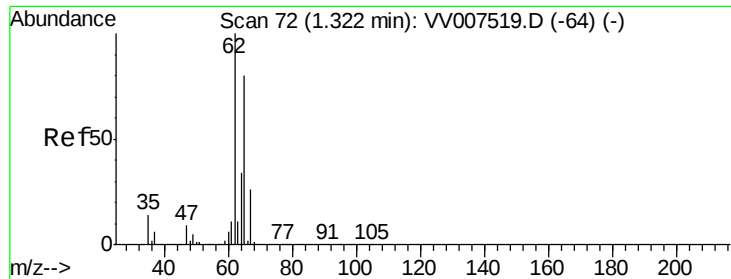
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.184 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV007531.D

Acq: 14 Sep 2018 01:06

Instrument :

MSVOA_V

ClientSampled :

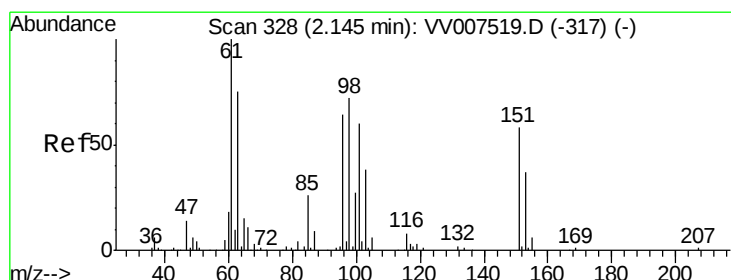
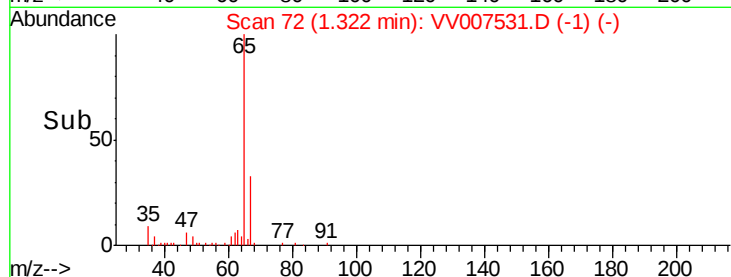
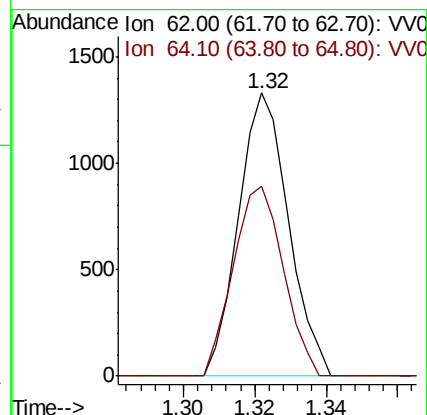
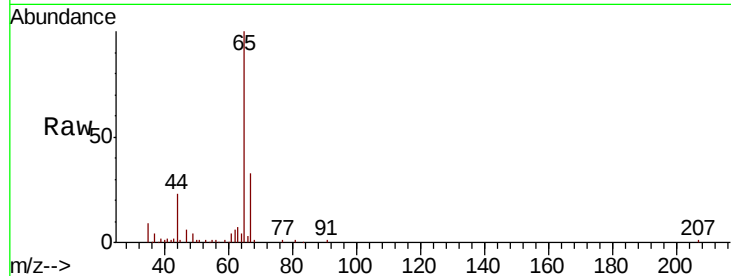
C0KT2

Tgt Ion: 62 Resp: 1287

Ion Ratio Lower Upper

62 100

64 66.9 24.4 45.2#



#12

1,1-Dichloroethene

Concen: 0.865 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV007531.D

Acq: 14 Sep 2018 01:06

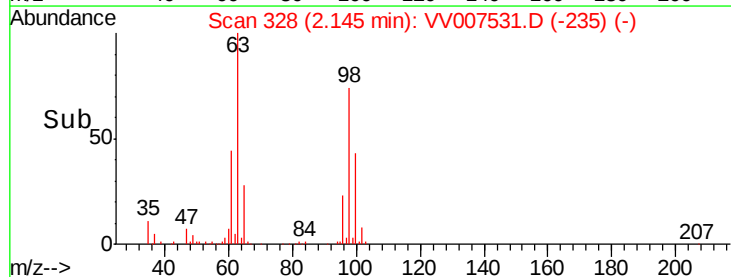
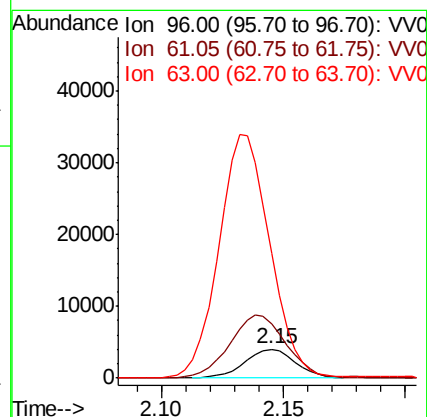
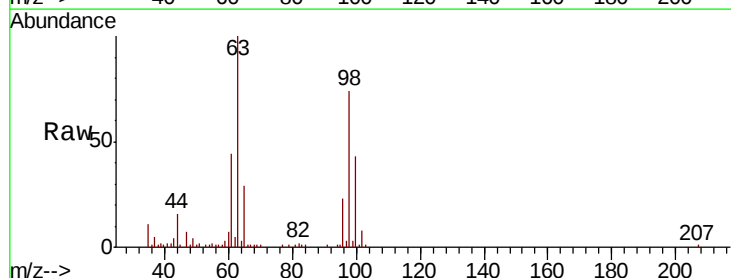
Tgt Ion: 96 Resp: 5861

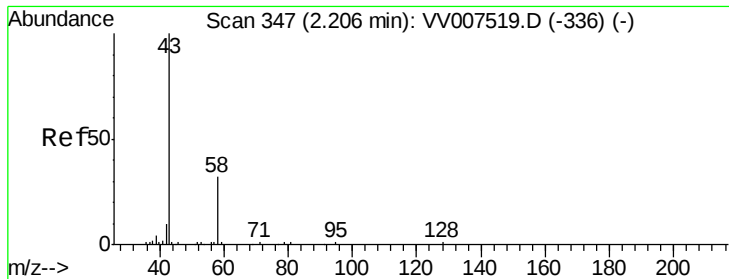
Ion Ratio Lower Upper

96 100

61 191.5 114.8 213.2

63 434.9 81.8 151.8#





#13

Acetone

Concen: 7.833 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV007531.D

Acq: 14 Sep 2018 01:06

Instrument :

MSVOA_V

ClientSampled :

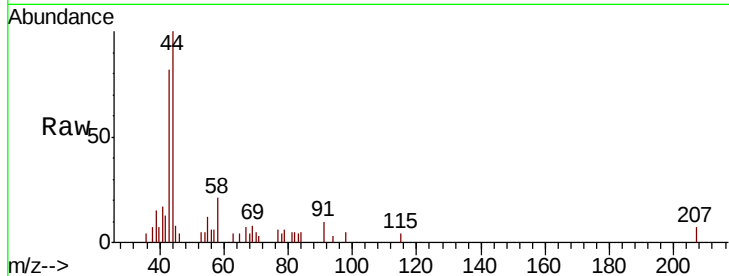
C0KT2

Tgt Ion: 43 Resp: 4975

Ion Ratio Lower Upper

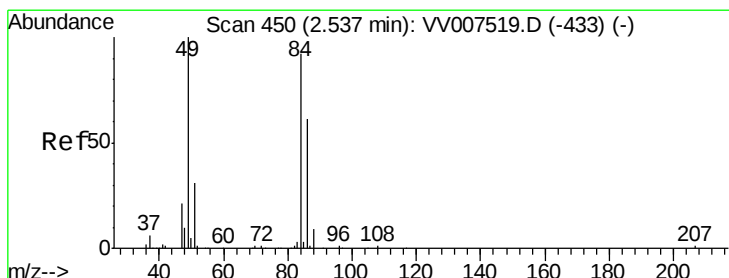
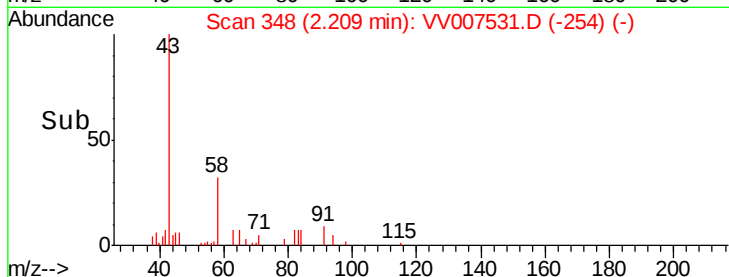
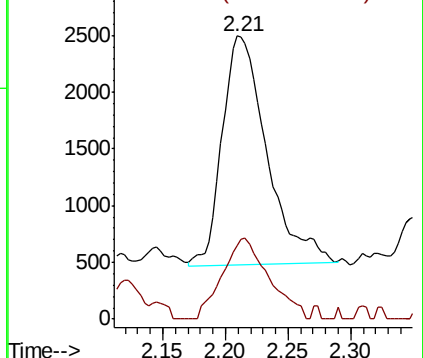
43 100

58 36.8 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV007531.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV007531.D (-336) (-)



#16

Methylene chloride

Concen: 0.379 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV007531.D

Acq: 14 Sep 2018 01:06

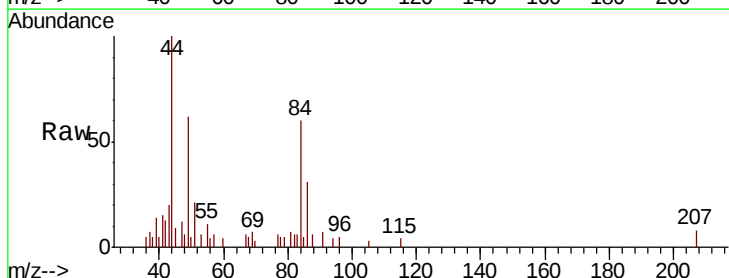
Tgt Ion: 84 Resp: 2774

Ion Ratio Lower Upper

84 100

86 51.7 43.7 81.1

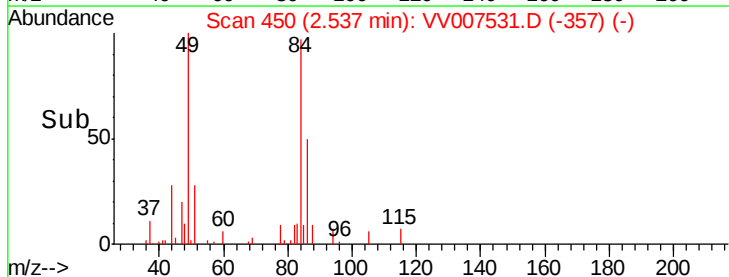
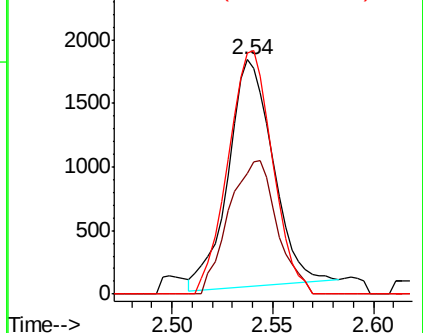
49 111.1 76.8 142.6

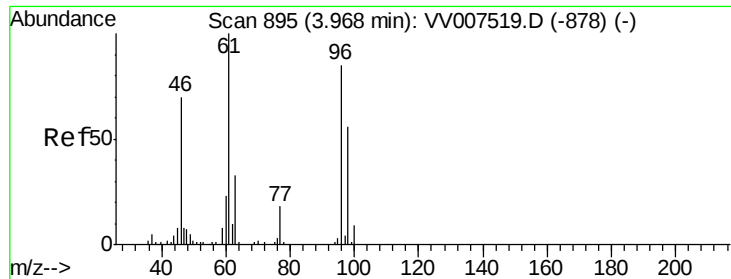


Abundance Ion 84.05 (83.75 to 84.75): VV007531.D (-433) (-)

Ion 86.00 (85.70 to 86.70): VV007531.D (-433) (-)

Ion 49.10 (48.80 to 49.80): VV007531.D (-433) (-)





#22

cis-1,2-Dichloroethene

Concen: 2.283 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV007531.D

Acq: 14 Sep 2018 01:06

Instrument :

MSVOA_V

ClientSampled :

C0KT2

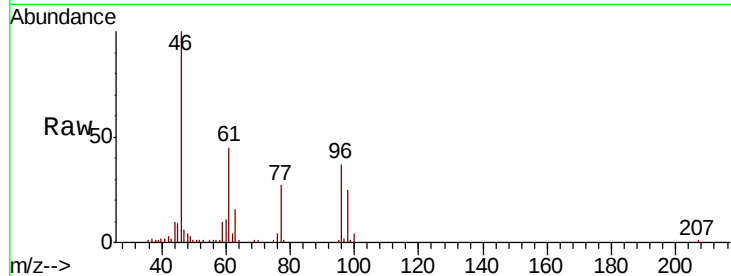
Tgt Ion: 96 Resp: 16584

Ion Ratio Lower Upper

96 100

61 120.4 85.3 158.5

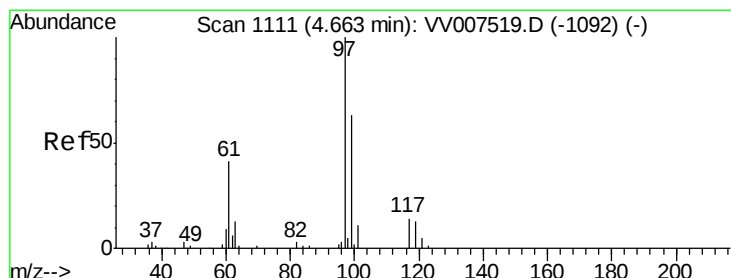
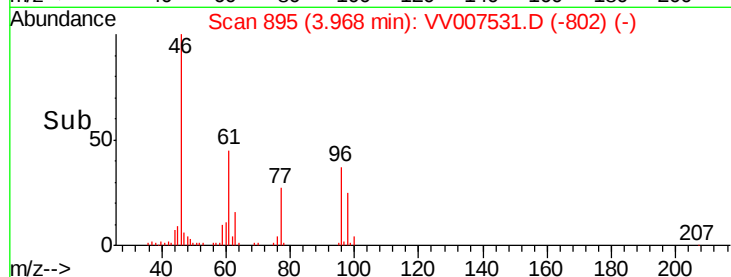
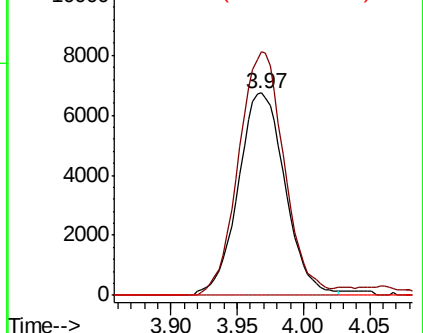
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV007531.D (-878) (-)

Ion 61.05 (60.75 to 61.75): VV007531.D (-878) (-)

Ion 68.15 (67.85 to 68.85): VV007531.D (-878) (-)



#29

1,1,1-Trichloroethane

Concen: 0.613 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VV007531.D

Acq: 14 Sep 2018 01:06

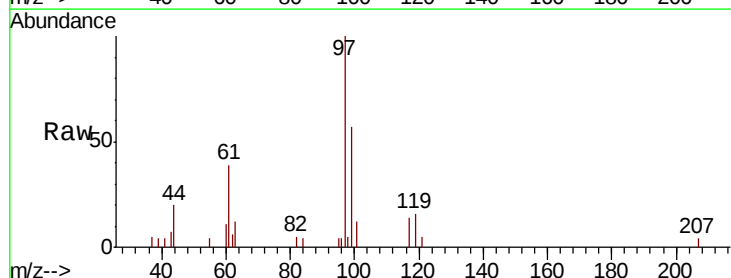
Tgt Ion: 97 Resp: 7240

Ion Ratio Lower Upper

97 100

99 63.2 50.7 76.1

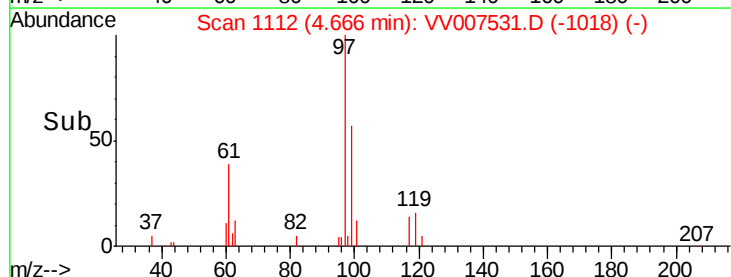
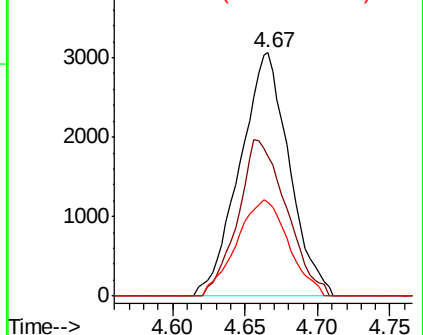
61 41.5 32.5 48.7

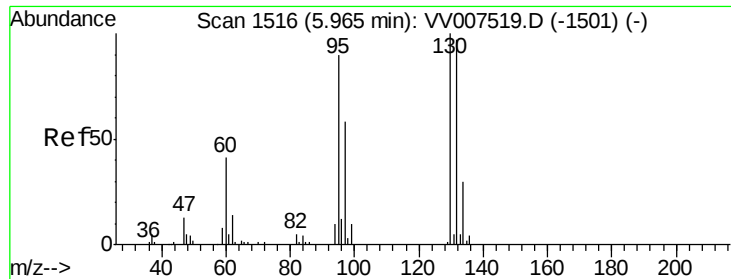


Abundance Ion 96.95 (96.65 to 97.65): VV007531.D (-1092) (-)

Ion 99.05 (98.75 to 99.75): VV007531.D (-1092) (-)

Ion 61.05 (60.75 to 61.75): VV007531.D (-1092) (-)

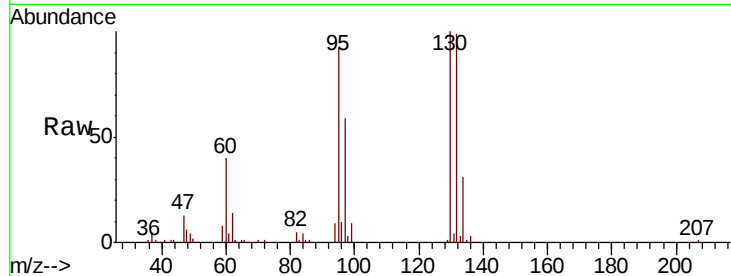




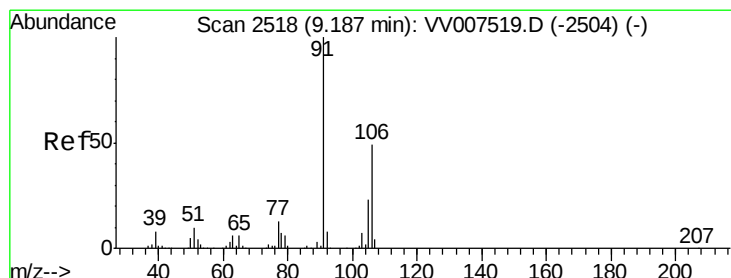
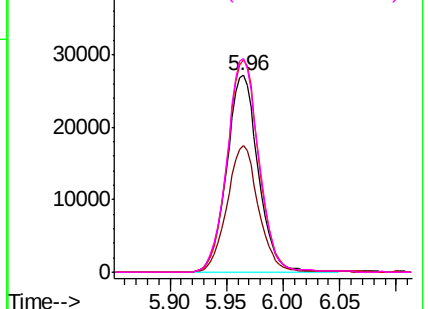
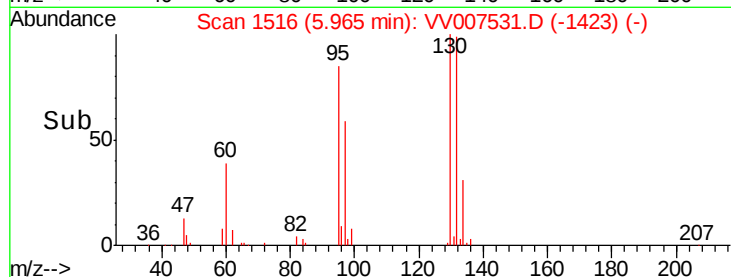
#34
 Trichloroethene
 Concen: 6.874 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007531.D
 Acq: 14 Sep 2018 01:06

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KT2

Tgt Ion: 95 Resp: 52901
 Ion Ratio Lower Upper
 95 100
 97 64.3 45.5 84.5
 132 108.0 74.9 139.1
 130 108.5 80.0 148.6

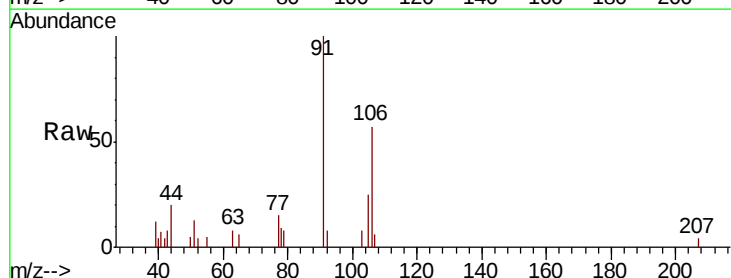


Abundance Ion 95.00 (94.70 to 95.70): VV007531.D (-1423) (-)
 Ion 96.95 (96.65 to 97.65): VV007531.D (-1423) (-)
 Ion 131.95 (131.65 to 132.65): VV007531.D (-1423) (-)
 Ion 129.95 (129.65 to 130.65): VV007531.D (-1423) (-)



#53
 m,p-xylene
 Concen: 0.182 ug/L
 RT: 9.18 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: VV007531.D
 Acq: 14 Sep 2018 01:06

Tgt Ion: 106 Resp: 2300
 Ion Ratio Lower Upper
 106 100
 91 175.3 137.2 254.8



Abundance Ion 106.15 (105.85 to 106.85): VV007531.D (-2425) (-)
 Ion 91.15 (90.85 to 91.85): VV007531.D (-2425) (-)

