

Data File : VV009478.D
Acq On : 04 Mar 2019 18:09
Operator : SY/MD
Sample : K1660-10DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWK06DL

Quant Time: Mar 05 04:12:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR030419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 05 04:03:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88201	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81178	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38343	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29610	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	26734	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.13	63	55768	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.96	46	53394	50.81	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.40	84	48952	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.09	65	26730	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	108158	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.12	67	30544	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	104027	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
43) trans-1,3-Dichloropropene-	7.67	79	12100	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.14	63	46960	55.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23486	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	35852	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

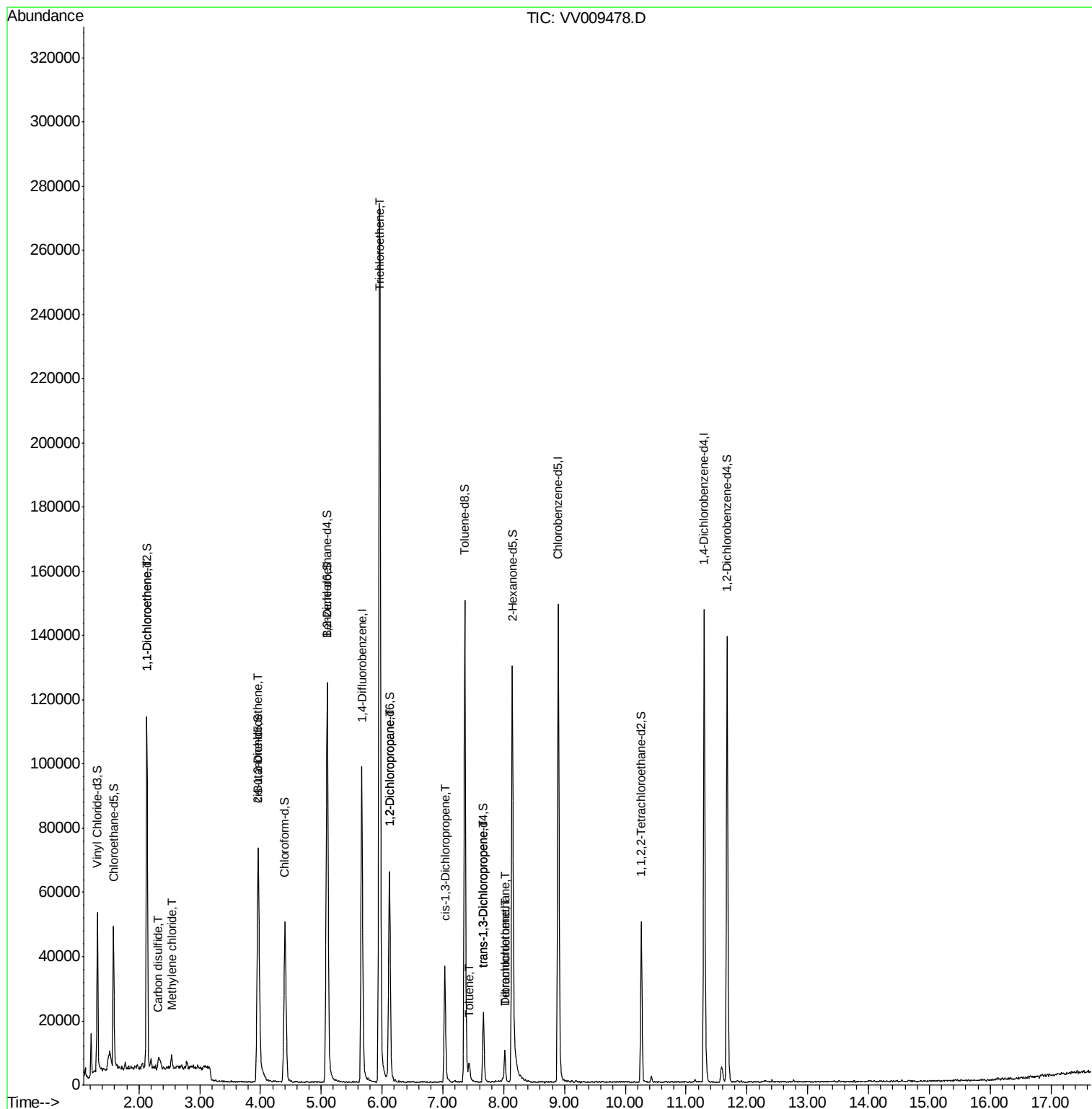
					Qvalue
12) 1,1-Dichloroethene	2.14	96	1093	0.170 ug/L #	1
14) Carbon disulfide	2.32	76	2873	0.137 ug/L	98
16) Methylene chloride	2.54	84	1444	0.193 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	22800	3.640 ug/L	99
34) Trichloroethene	5.96	95	95722	15.371 ug/L	98
37) 1,2-Dichloropropane	6.12	63	3692	0.689 ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	1052	0.125 ug/L #	63
42) Toluene	7.43	91	4015	0.159 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	564	0.085 ug/L #	71
47) Tetrachloroethene	8.02	164	2045	0.427 ug/L	83
49) Dibromochloromethane	8.02	129	1835	0.374 ug/L #	12

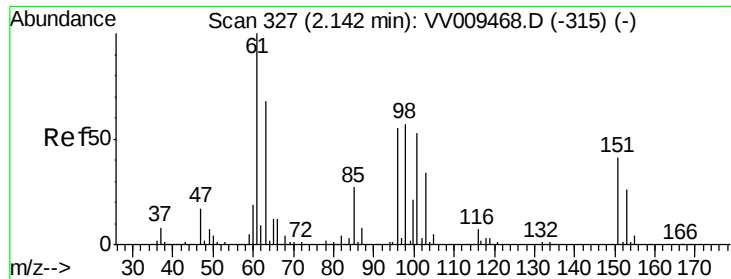
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.170 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV009478.D

Acq: 04 Mar 2019 18:09

Instrument :

MSVOA_V

ClientSampled :

CWK06DL

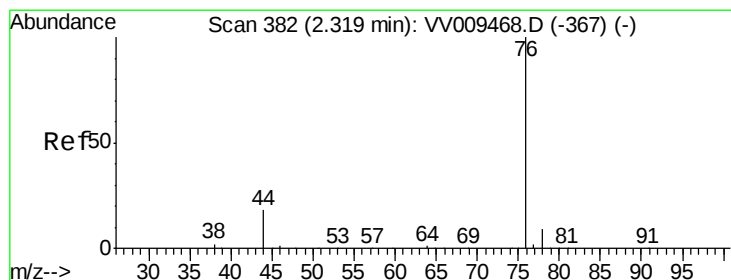
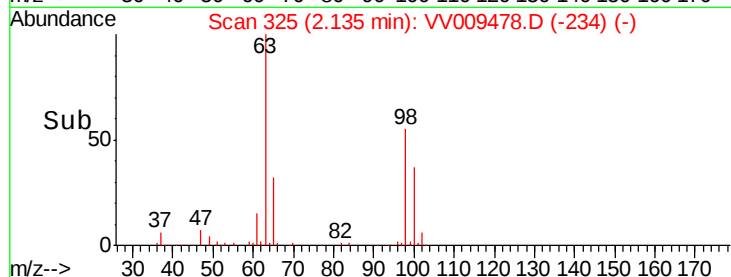
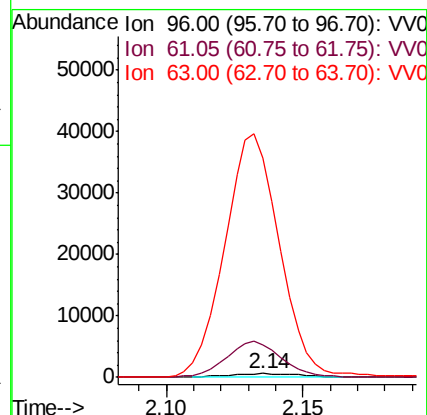
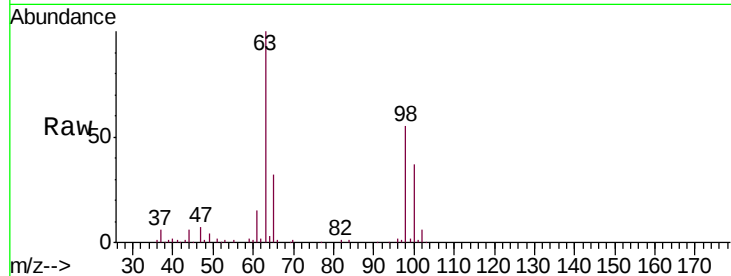
Tgt Ion: 96 Resp: 1093

Ion Ratio Lower Upper

96 100

61 888.9 127.1 236.0#

63 5921.9 88.8 164.8#



#14

Carbon disulfide

Concen: 0.137 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV009478.D

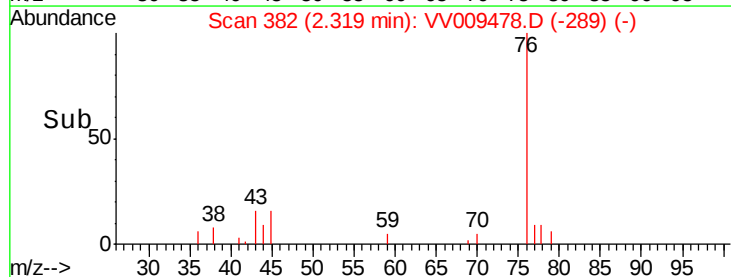
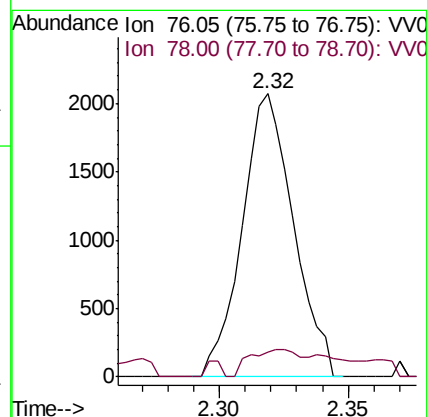
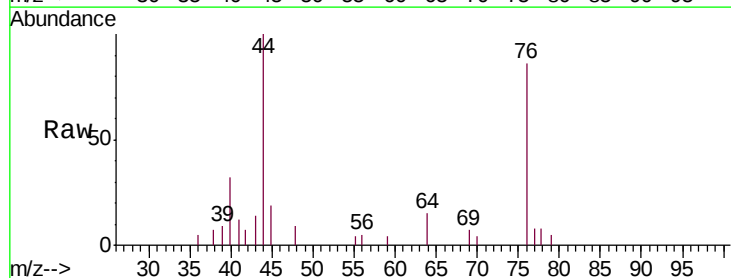
Acq: 04 Mar 2019 18:09

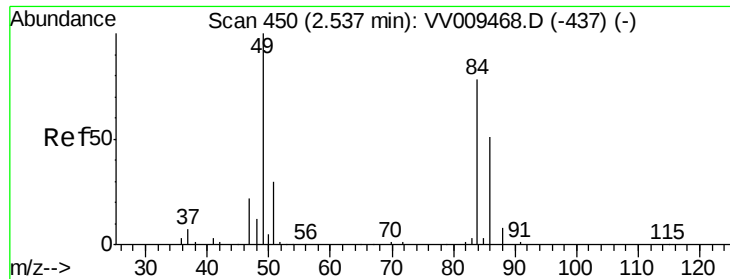
Tgt Ion: 76 Resp: 2873

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5

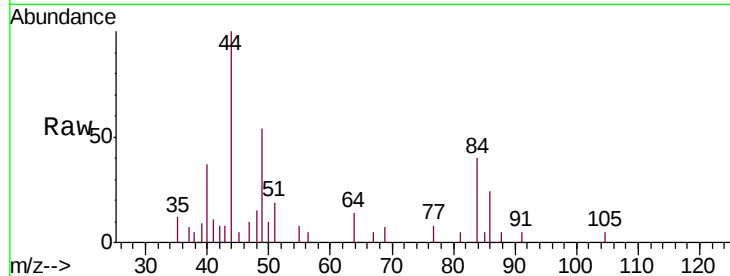




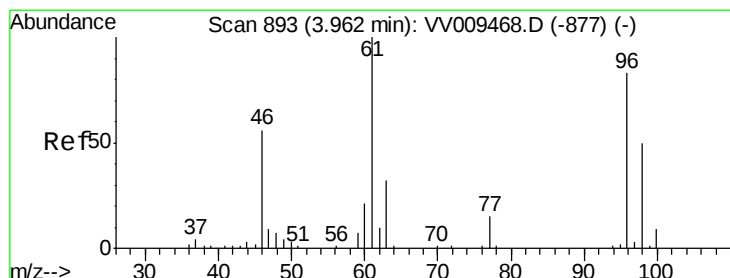
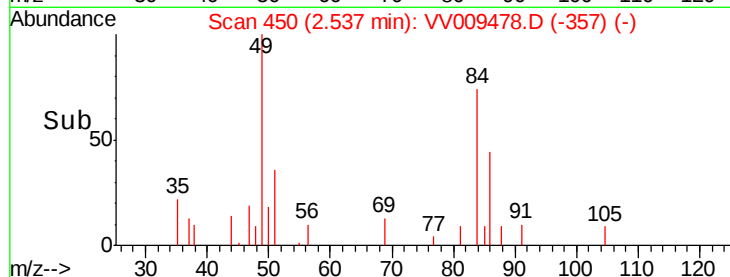
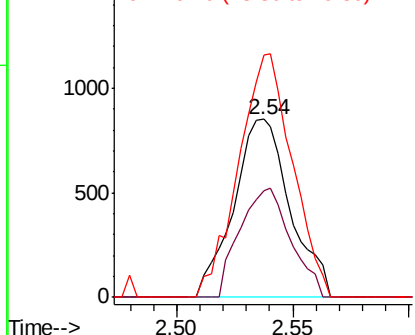
#16
Methylene chloride
Concen: 0.193 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV009478.D
Acq: 04 Mar 2019 18:09

Instrument :
MSVOA_V
ClientSampled :
CWK06DL

Tgt Ion: 84 Resp: 1444
Ion Ratio Lower Upper
84 100
86 60.0 46.1 85.5
49 136.0 89.7 166.5

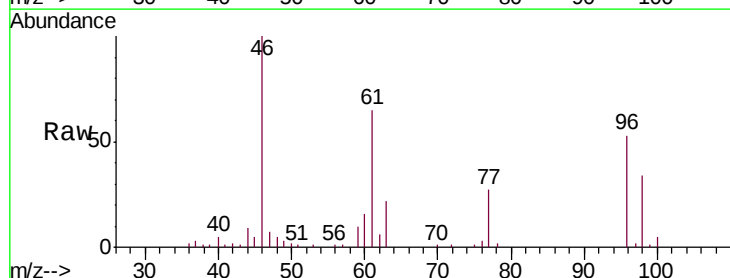


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

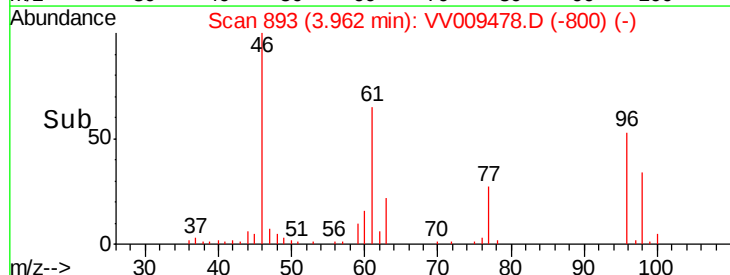
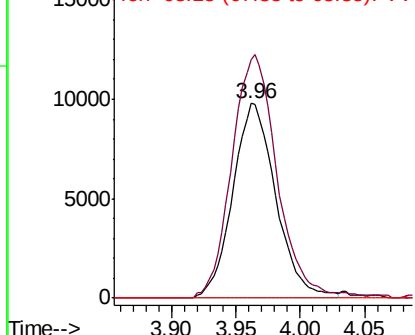


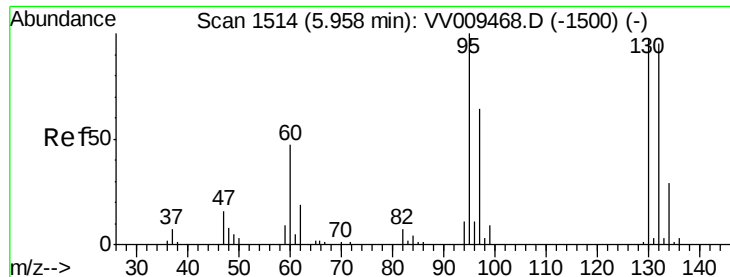
#22
cis-1,2-Dichloroethene
Concen: 3.640 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV009478.D
Acq: 04 Mar 2019 18:09

Tgt Ion: 96 Resp: 22800
Ion Ratio Lower Upper
96 100
61 122.7 84.8 157.4
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 15.371 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV009478.D

Acq: 04 Mar 2019 18:09

Instrument :

MSVOA_V

ClientSampleID :

CWK06DL

Tgt Ion: 95 Resp: 95722

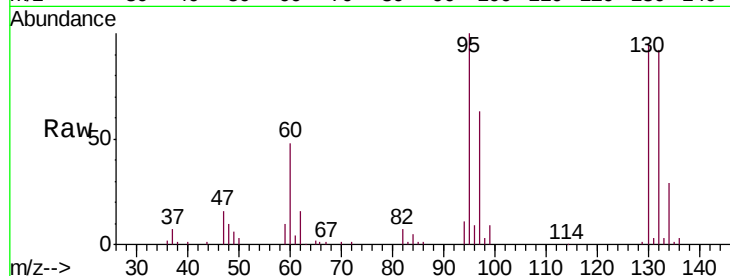
Ion Ratio Lower Upper

95 100

97 63.5 44.4 82.5

132 92.0 66.4 123.4

130 95.4 68.1 126.5

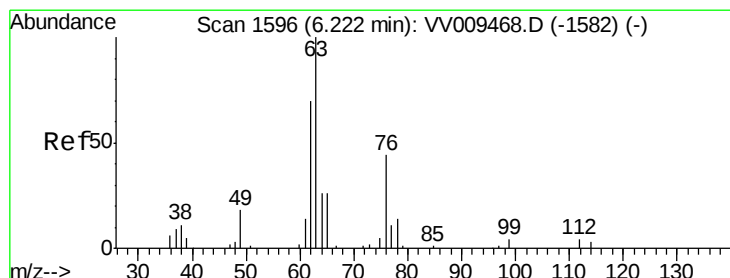
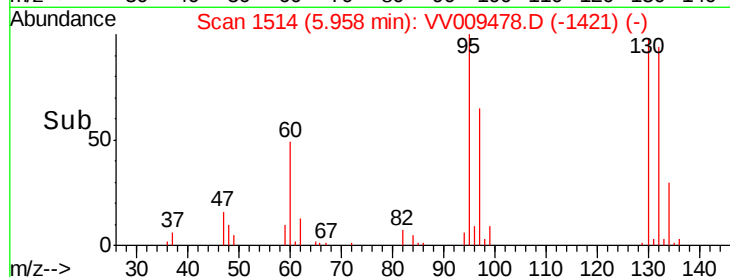
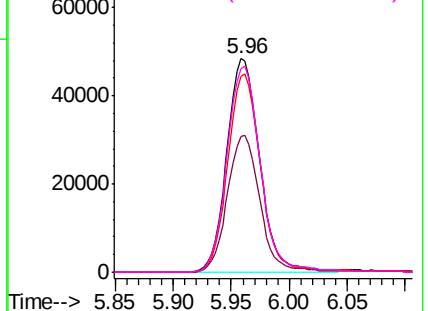


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#37

1,2-Dichloropropane

Concen: 0.689 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV009478.D

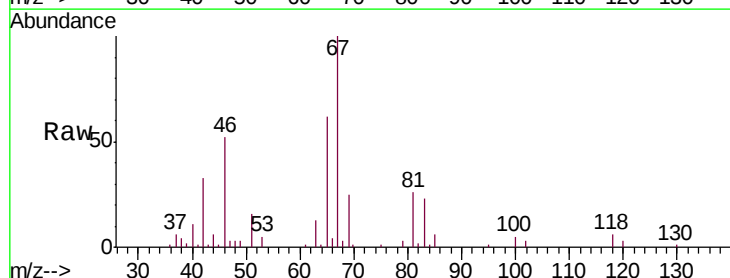
Acq: 04 Mar 2019 18:09

Tgt Ion: 63 Resp: 3692

Ion Ratio Lower Upper

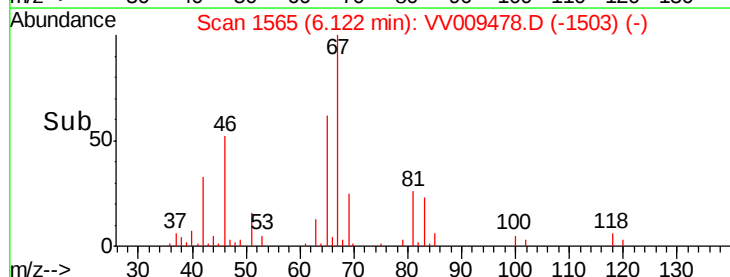
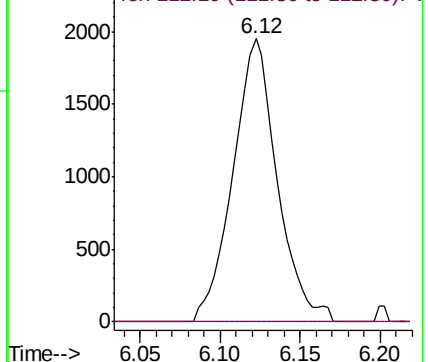
63 100

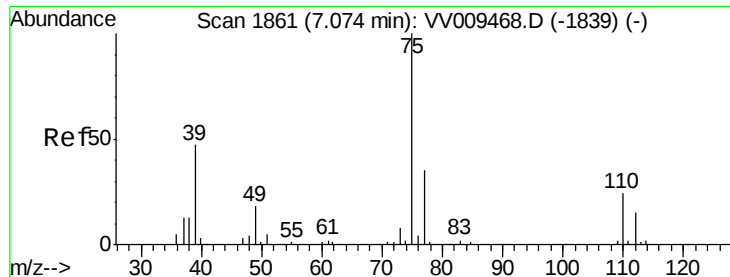
112 0.0 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

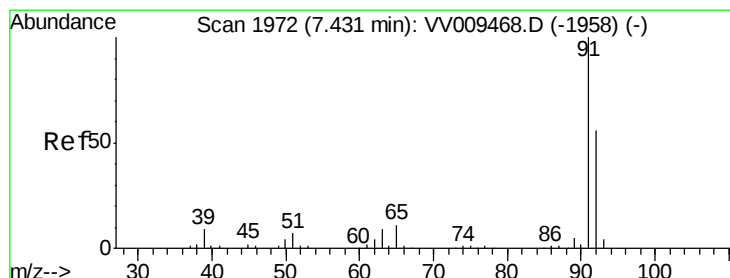
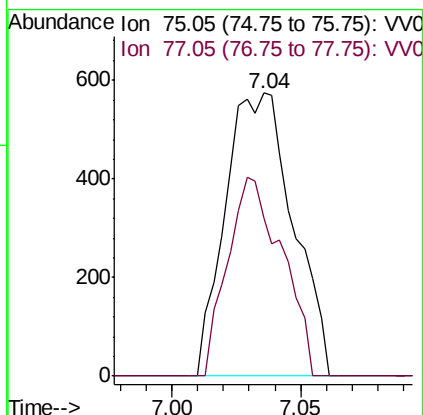
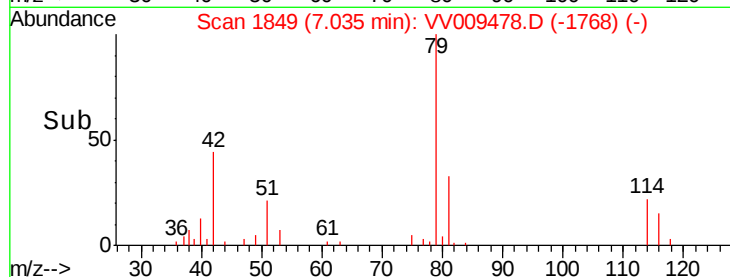
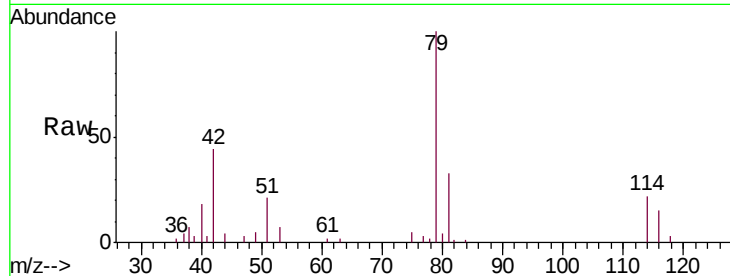




#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV009478.D
 Acq: 04 Mar 2019 18:09

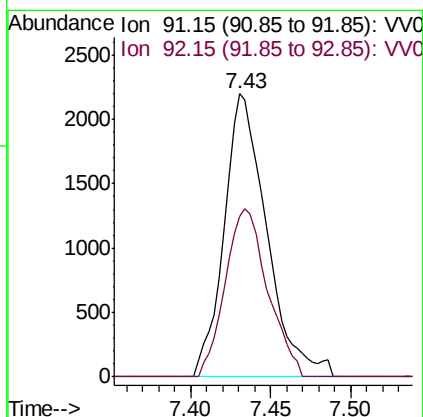
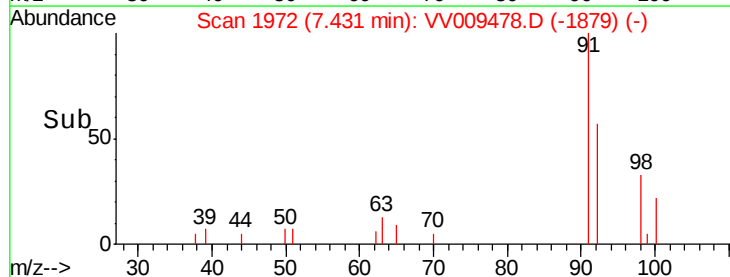
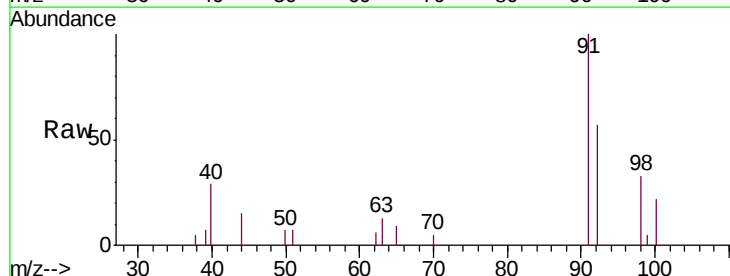
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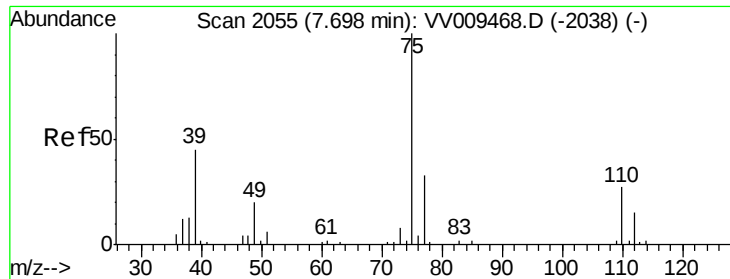
Tgt Ion: 75 Resp: 1052
 Ion Ratio Lower Upper
 75 100
 77 55.9 24.1 44.8#



#42
 Toluene
 Concen: 0.159 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV009478.D
 Acq: 04 Mar 2019 18:09

Tgt Ion: 91 Resp: 4015
 Ion Ratio Lower Upper
 91 100
 92 56.6 39.1 72.5

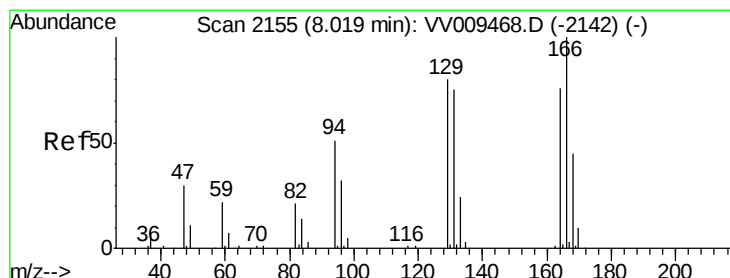
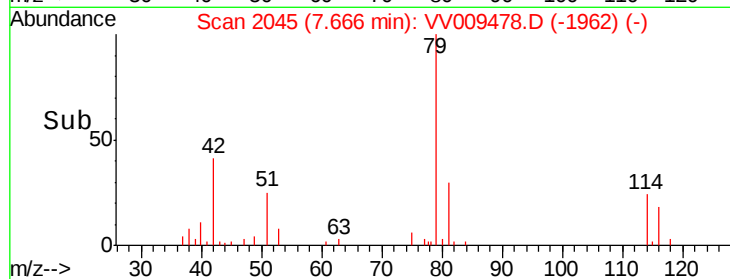
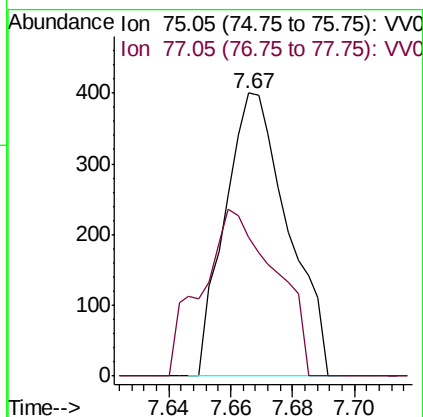
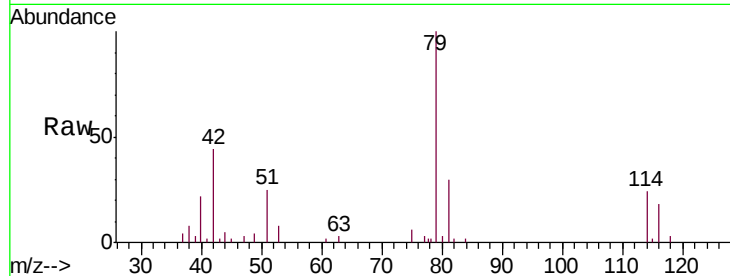




#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009478.D
Acq: 04 Mar 2019 18:09

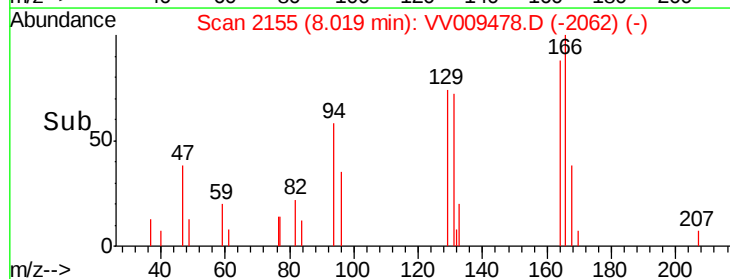
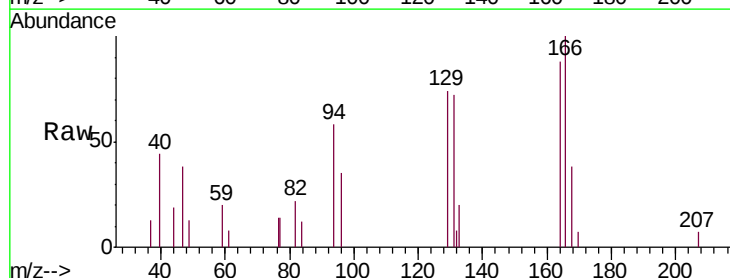
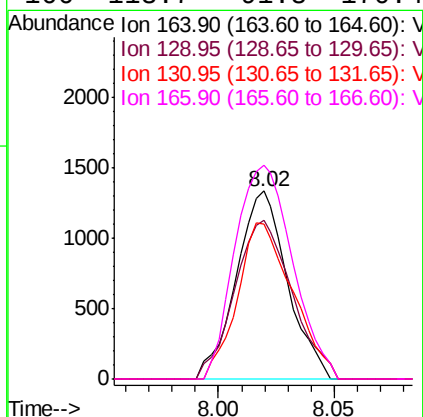
Instrument :
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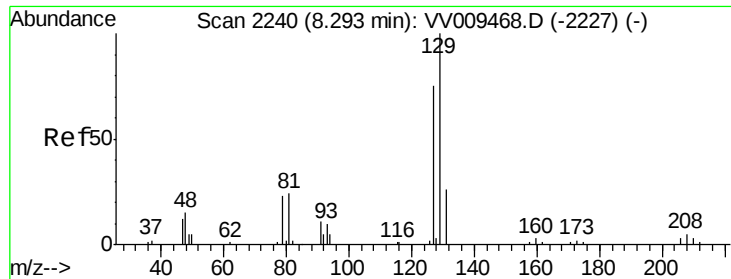
Tgt Ion: 75 Resp: 564
Ion Ratio Lower Upper
75 100
77 49.0 22.7 42.3#



#47
Tetrachloroethene
Concen: 0.427 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV009478.D
Acq: 04 Mar 2019 18:09

Tgt Ion: 164 Resp: 2045
Ion Ratio Lower Upper
164 100
129 84.3 73.6 136.8
131 82.4 68.4 127.0
166 113.7 91.8 170.4





#49
 Dibromochloromethane
 Concen: 0.374 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.27 min
 Lab File: VV009478.D
 Acq: 04 Mar 2019 18:09

Instrument :
 MSVOA_V
 ClientSampleId :
 CWK06DL

Tgt Ion:129 Resp: 1835
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.4 97.4#

