

Data File : VV012901.D
Acq On : 18 Sep 2019 17:42
Operator : SY/MD
Sample : K4954-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWK27

Quant Time: Sep 19 01:59:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	358514	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	352905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	127773	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	152329	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	136460	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	195498	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.00	46	218197	29.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.74%
24) Chloroform-d	4.40	84	272910	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	144224	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.10	84	554669	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	172111	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	444358	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.67	79	55308	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	221408	41.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113598	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	148492	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

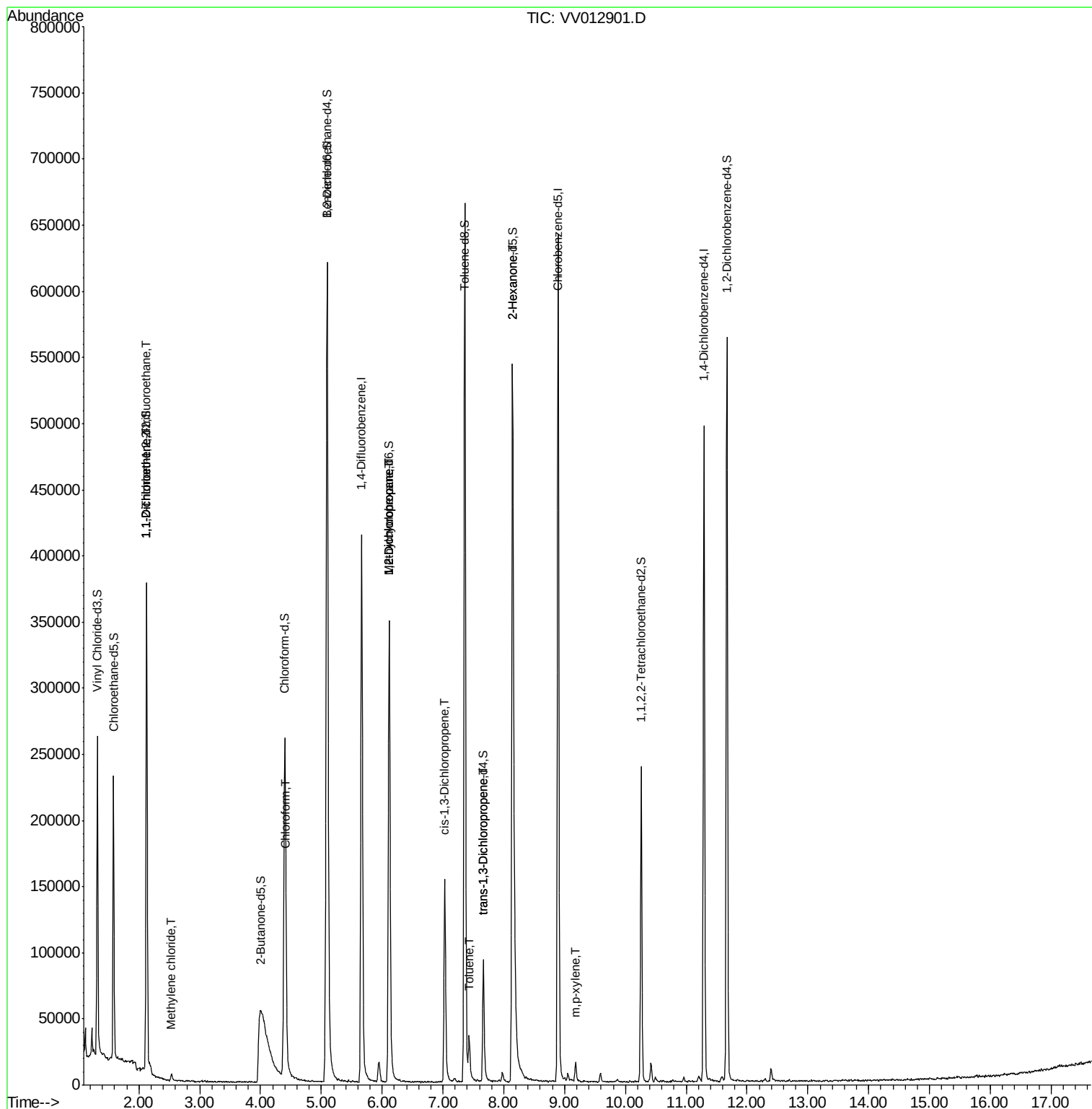
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2057	0.097 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	2011	0.105 ug/L #	1
16) Methylene chloride	2.53	84	2381	0.101 ug/L	86
25) Chloroform	4.43	83	6116	0.123 ug/L	100
35) Methylcyclohexane	6.12	83	40924	1.293 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	18638	0.747 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	4015	0.121 ug/L #	54
42) Toluene	7.43	91	22739	0.239 ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	2423	0.092 ug/L #	48
48) 2-Hexanone	8.14	43	38106	3.282 ug/L #	82
53) m,p-xylene	9.18	106	4002	0.106 ug/L	98

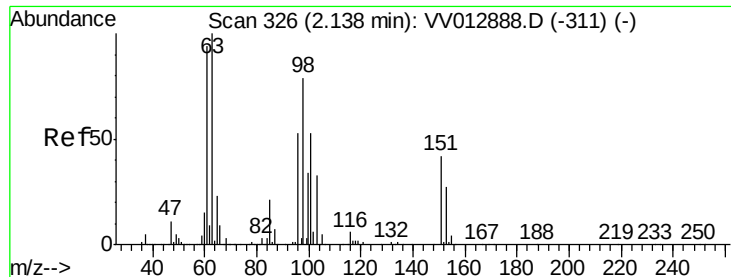
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.097 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012901.D

Acq: 18 Sep 2019 17:42

Instrument :

MSVOA_V

ClientSampleId :

CWK27

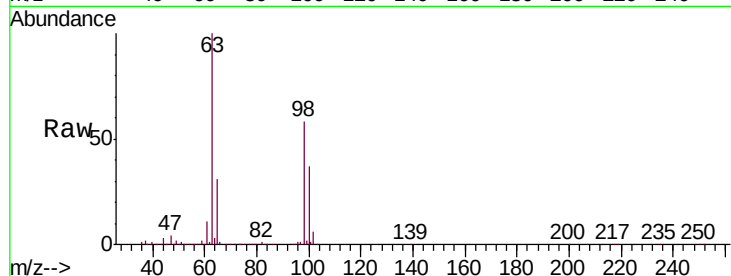
Tgt Ion:101 Resp: 2057

Ion Ratio Lower Upper

101 100

85 2.1 33.5 50.3#

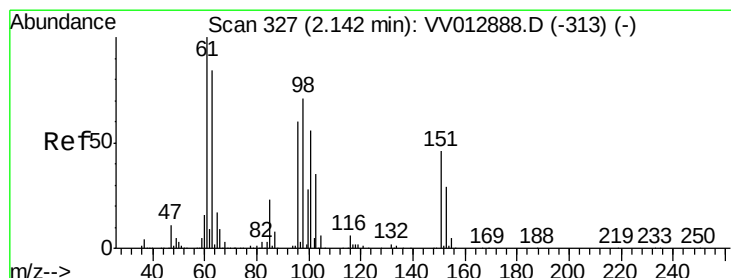
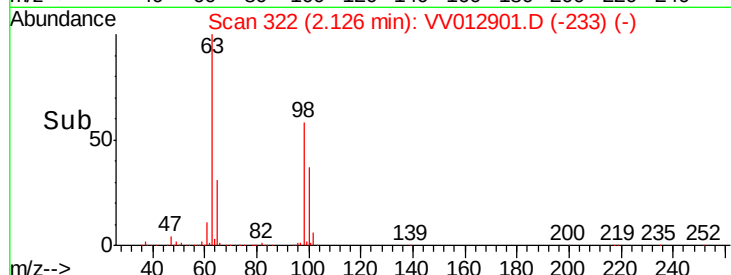
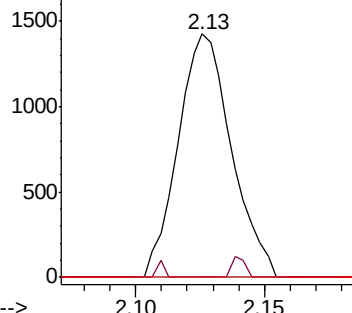
151 0.0 64.0 96.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.105 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012901.D

Acq: 18 Sep 2019 17:42

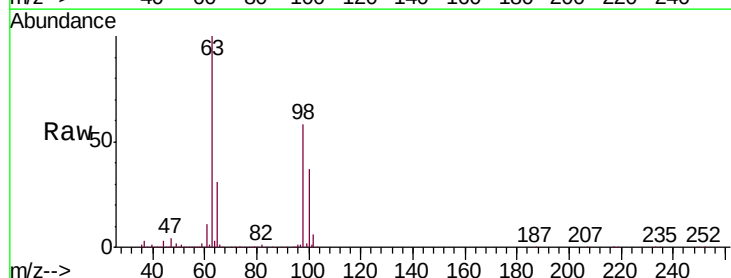
Tgt Ion: 96 Resp: 2011

Ion Ratio Lower Upper

96 100

61 1327.3 116.1 215.5#

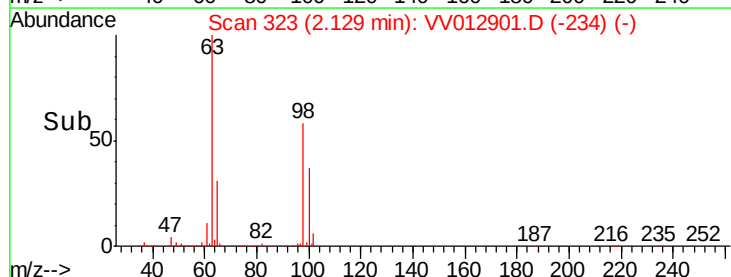
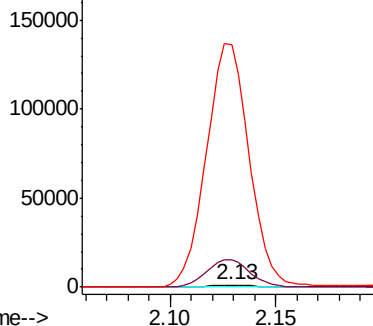
63 11734.3 113.3 210.3#

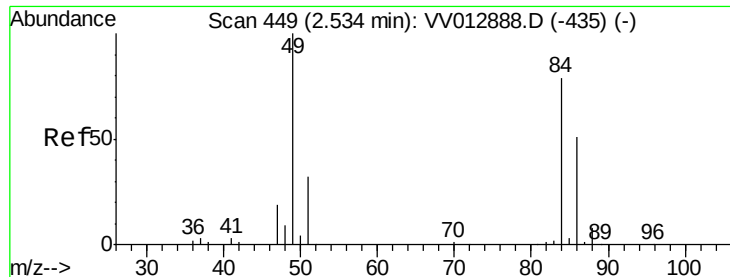


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

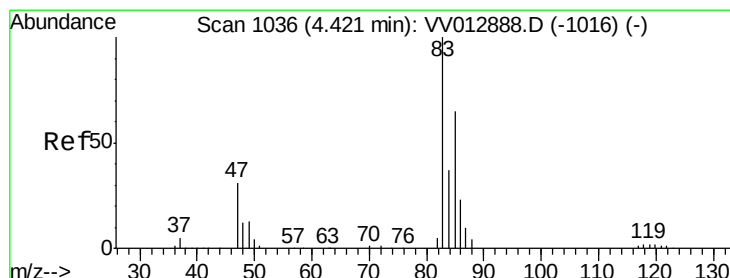
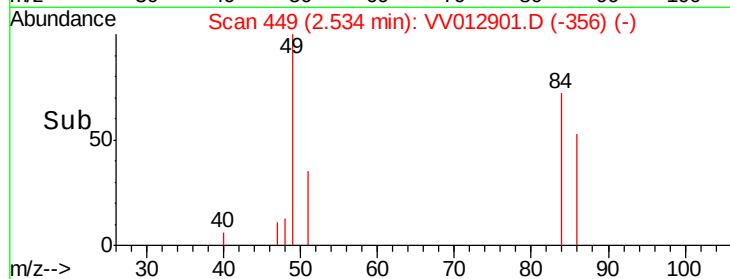
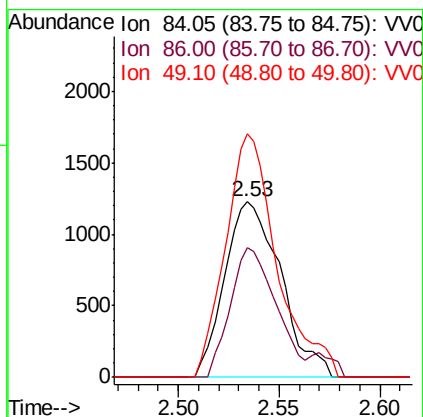
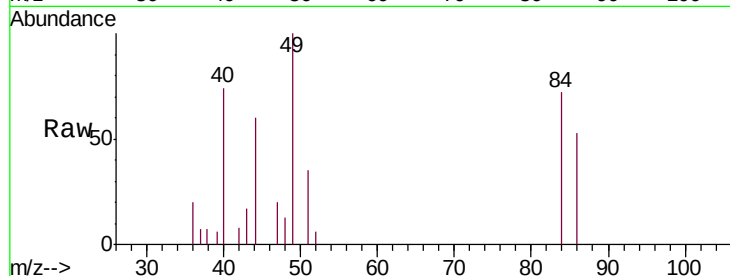




#16
Methylene chloride
Concen: 0.101 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012901.D
Acq: 18 Sep 2019 17:42

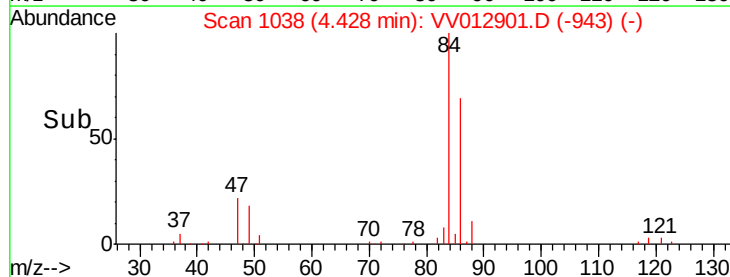
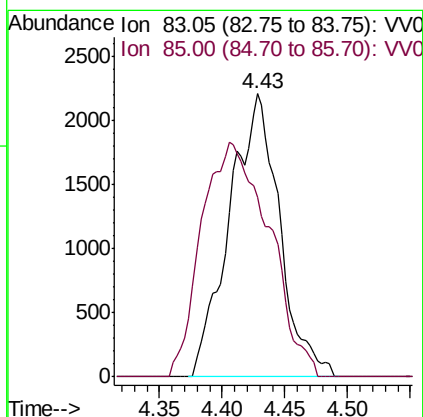
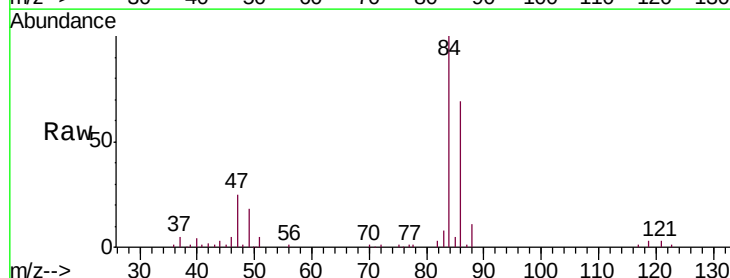
Instrument :
MSVOA_V
ClientSampled :
CWK27

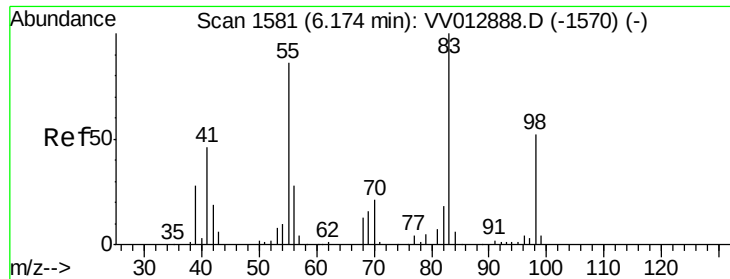
Tgt Ion: 84 Resp: 2381
Ion Ratio Lower Upper
84 100
86 73.8 44.8 83.2
49 138.9 85.9 159.5



#25
Chloroform
Concen: 0.123 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV012901.D
Acq: 18 Sep 2019 17:42

Tgt Ion: 83 Resp: 6116
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.5

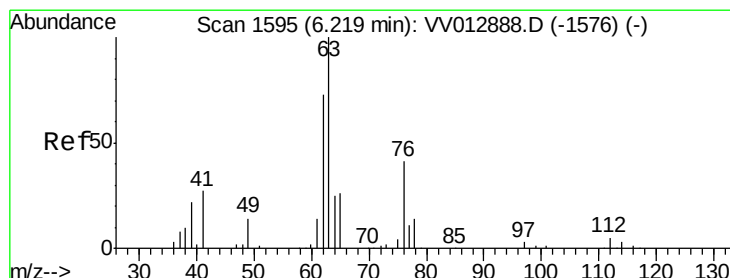
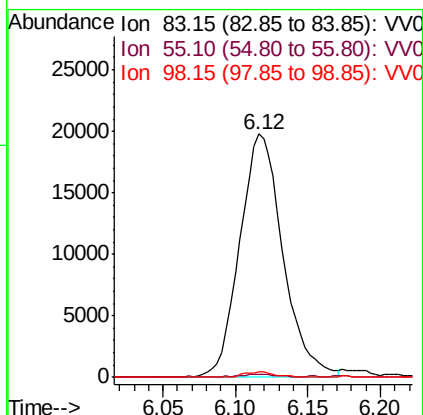
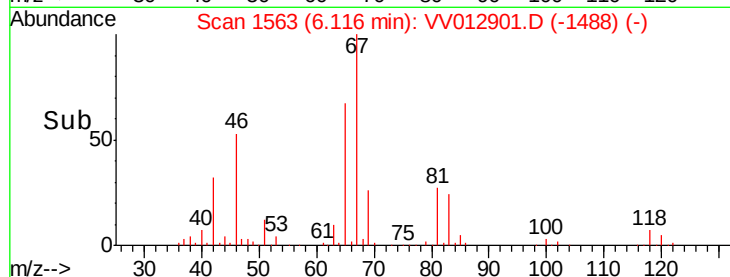
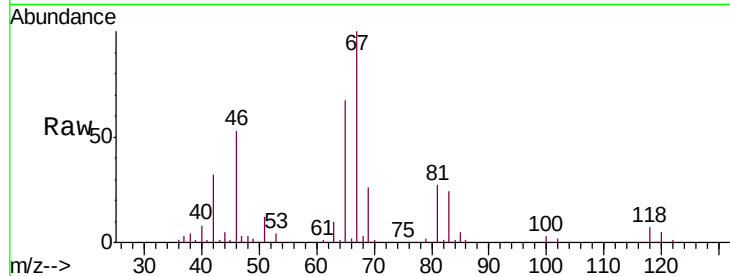




#35
Methylcyclohexane
Concen: 1.293 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012901.D
Acq: 18 Sep 2019 17:42

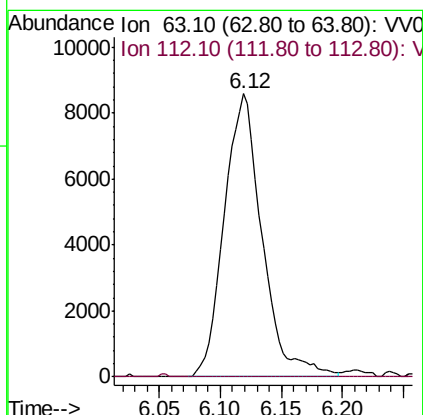
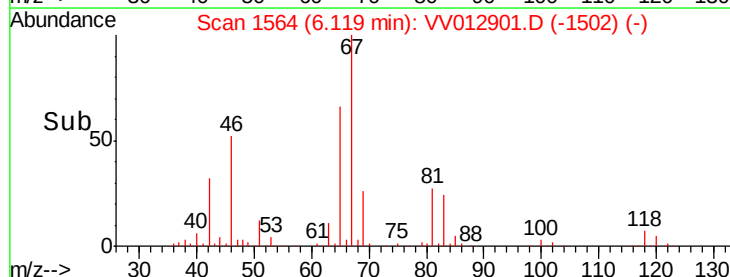
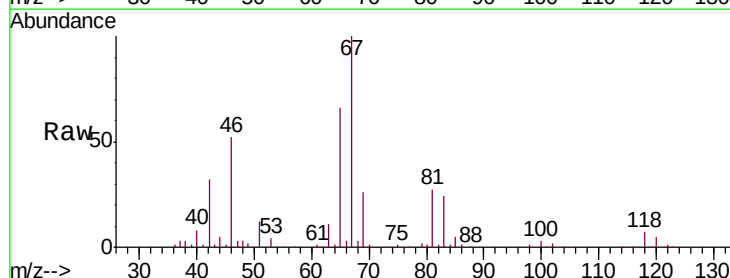
Instrument :
MSVOA_V
ClientSampleId :
CWK27

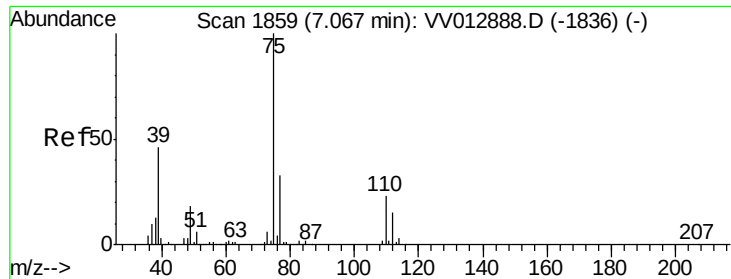
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.1	63.8	95.6#
98	1.5	38.2	57.4#



#37
1,2-Dichloropropane
Concen: 0.747 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012901.D
Acq: 18 Sep 2019 17:42

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.8	5.6#

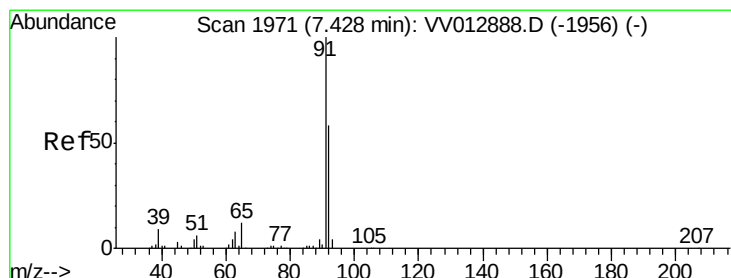
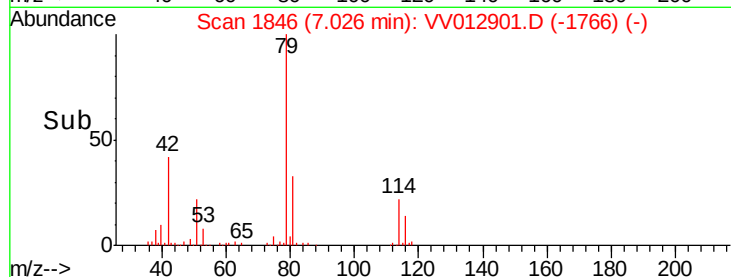
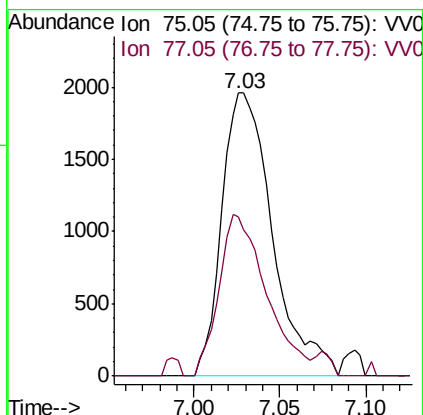
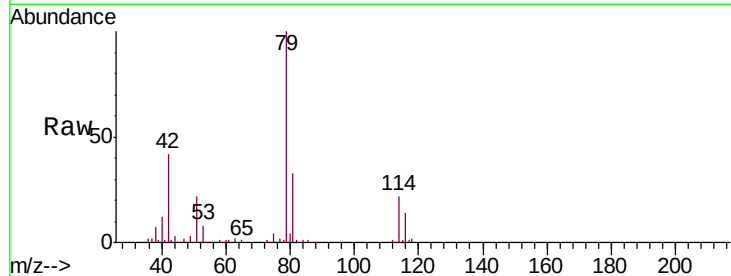




#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV012901.D
 Acq: 18 Sep 2019 17:42

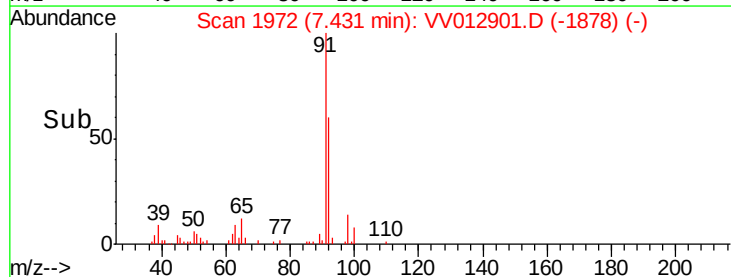
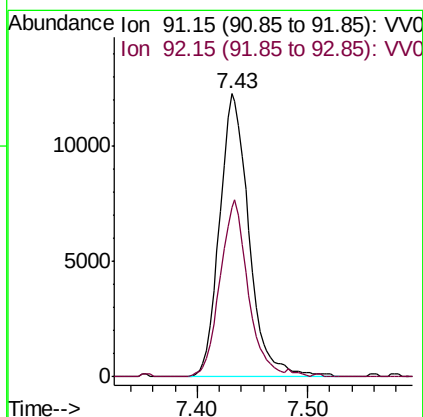
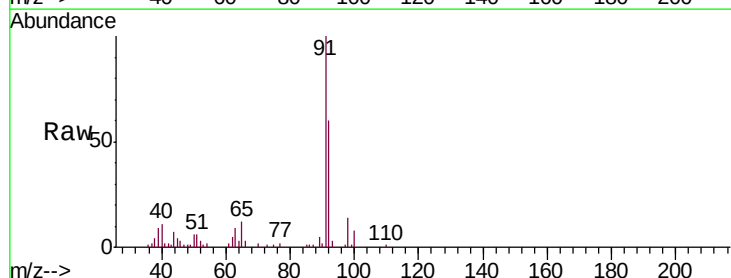
Instrument :
 MSVOA_V
 ClientSampleId :
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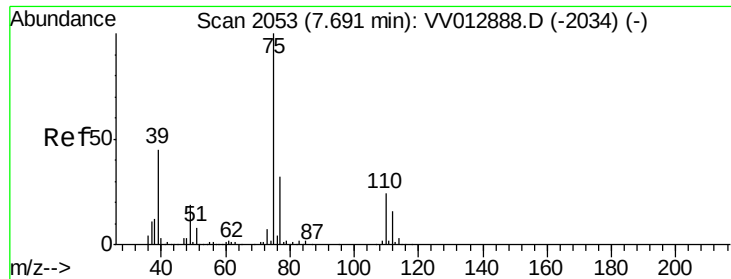
Tgt Ion: 75 Resp: 4015
 Ion Ratio Lower Upper
 75 100
 77 56.2 21.6 40.0#



#42
 Toluene
 Concen: 0.239 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012901.D
 Acq: 18 Sep 2019 17:42

Tgt Ion: 91 Resp: 22739
 Ion Ratio Lower Upper
 91 100
 92 59.8 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012901.D

Acq: 18 Sep 2019 17:42

Instrument :

MSVOA_V

ClientSampleId :

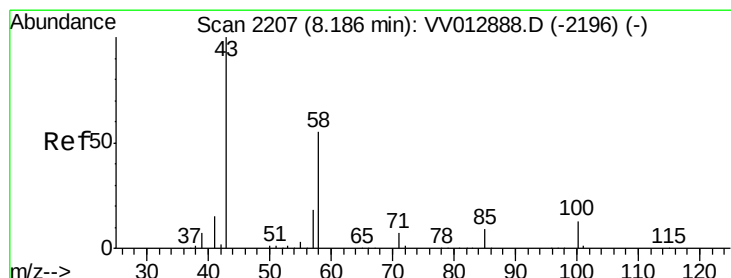
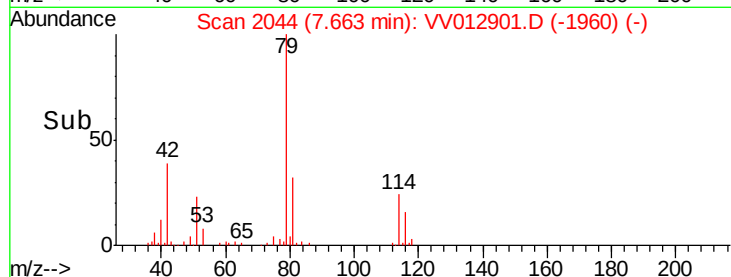
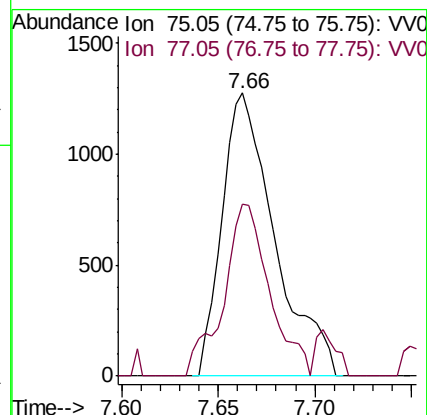
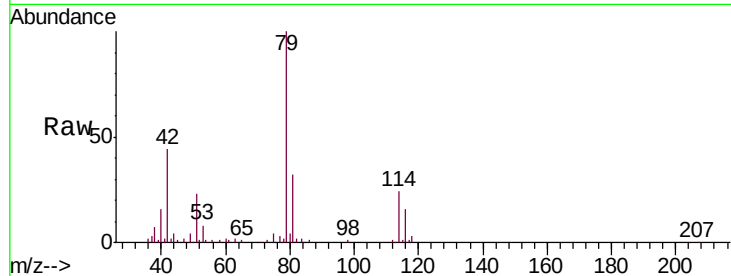
CWK27

Tgt Ion: 75 Resp: 2423

Ion Ratio Lower Upper

75 100

77 61.0 22.5 41.7#



#48

2-Hexanone

Concen: 3.282 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.04 min

Lab File: VV012901.D

Acq: 18 Sep 2019 17:42

Tgt Ion: 43 Resp: 38106

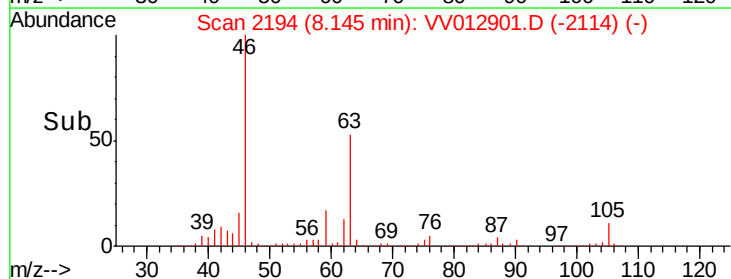
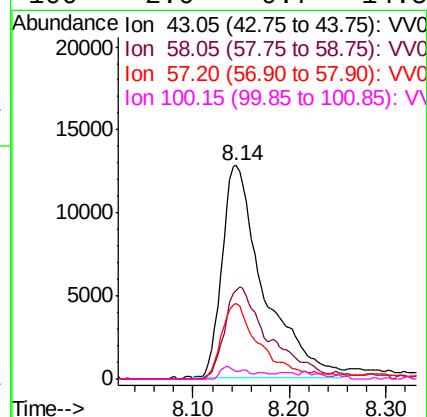
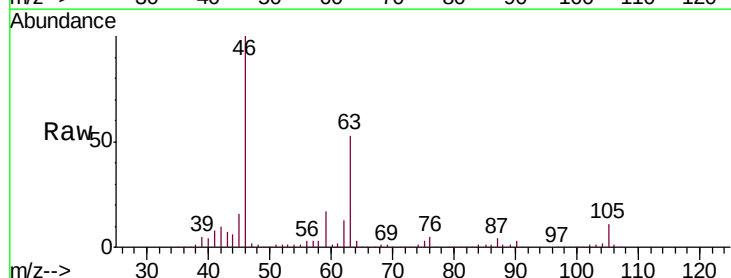
Ion Ratio Lower Upper

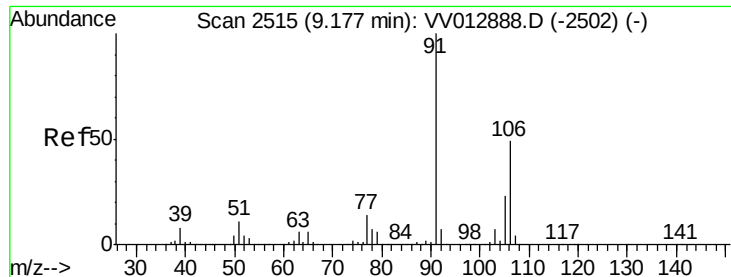
43 100

58 46.2 44.5 66.7

57 32.4 15.0 22.6#

100 2.0 9.7 14.5#





#53

m,p-xylene

Concen: 0.106 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012901.D

Acq: 18 Sep 2019 17:42

Instrument :

MSVOA_V

ClientSampleId :

CWK27

Tgt Ion:106 Resp: 4002

Ion Ratio Lower Upper

106 100

91 203.0 139.6 259.2

