

Data File : VV011489.D
Acq On : 14 Jun 2019 05:51
Operator : SY/MD
Sample : K3313-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLZ4

Quant Time: Jun 14 07:18:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 06:06:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128760	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111761	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41948	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49916	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.58	69	39955	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.12	63	82230	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	3.98	46	110764	50.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.86%
24) Chloroform-d	4.40	84	91111	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.08	65	51778	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.10	84	185129	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.12	67	55721	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.36	98	154311	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.67	79	14694	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.14	63	87244	52.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36139	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	44767	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

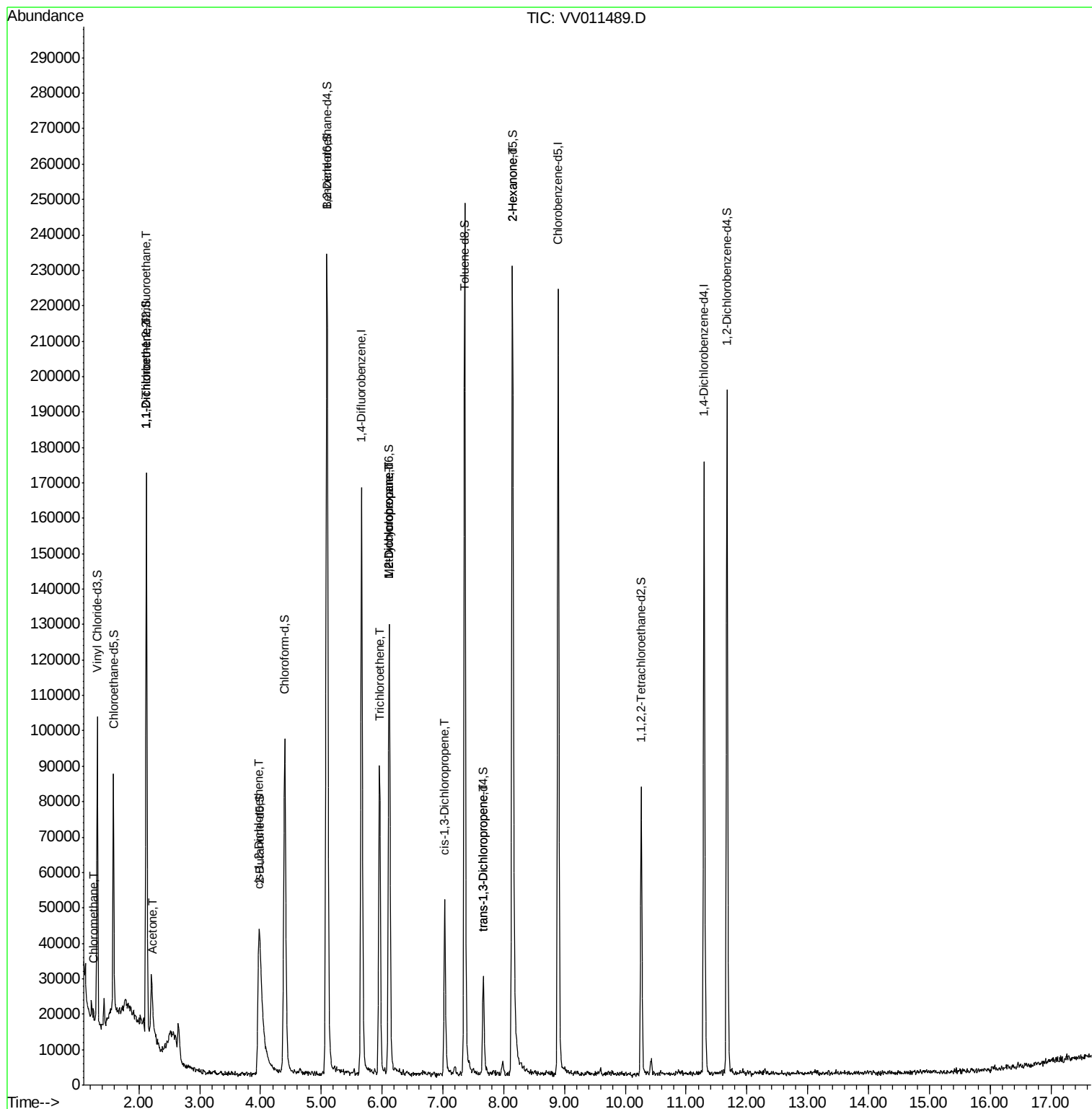
						Qvalue
3) Chloromethane	1.25	50	2405	0.196	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	770	0.092	ug/L #	29
12) 1,1-Dichloroethene	2.13	96	2580	0.318	ug/L #	1
13) Acetone	2.23	43	3428	2.328	ug/L	60
22) cis-1,2-Dichloroethene	3.96	96	742	0.074	ug/L	73
34) Trichloroethene	5.95	95	29930	3.258	ug/L	96
35) Methylcyclohexane	6.12	83	13744	0.905	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7411	0.837	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1422	0.110	ug/L #	29
44) trans-1,3-Dichloropropene	7.68	75	917	0.093	ug/L	91
48) 2-Hexanone	8.14	43	13737	3.495	ug/L #	72

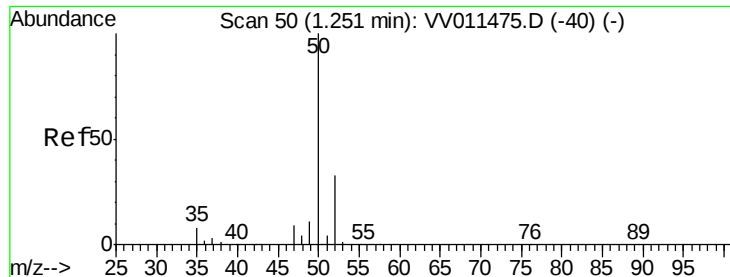
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.196 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV011489.D

Acq: 14 Jun 2019 05:51

Instrument :

MSVOA_V

ClientSampleId :

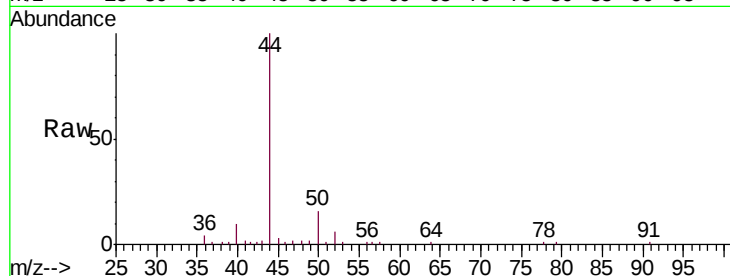
C0LZ4

Tgt Ion: 50 Resp: 2405

Ion Ratio Lower Upper

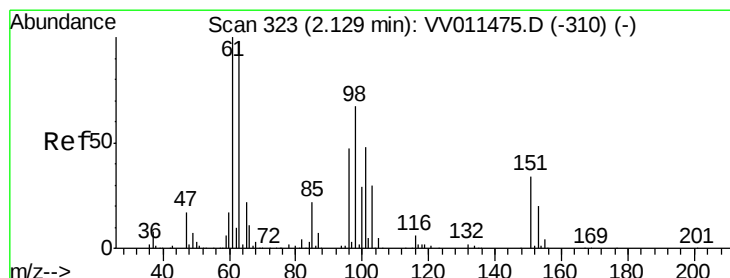
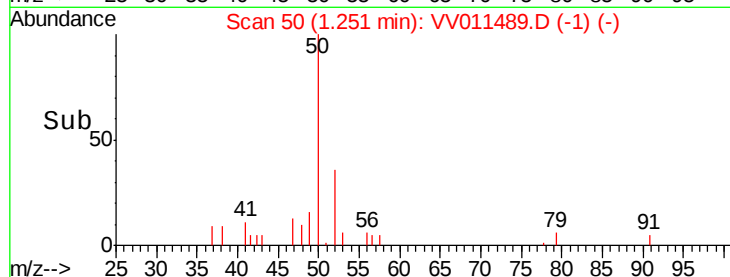
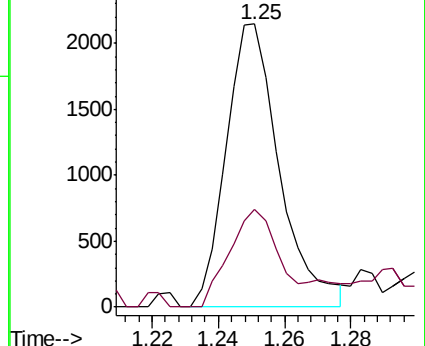
50 100

52 34.4 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011475.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV011475.D (-40) (-)



#10

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

Concen: 0.092 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011489.D

Acq: 14 Jun 2019 05:51

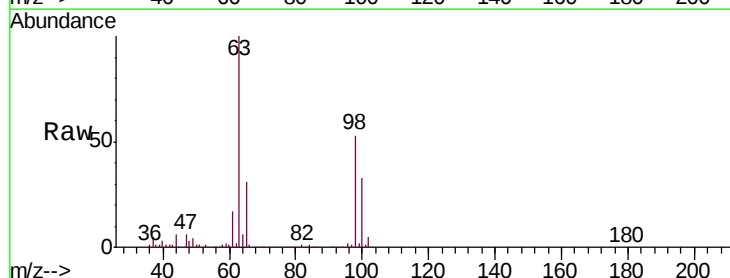
Tgt Ion: 101 Resp: 770

Ion Ratio Lower Upper

101 100

85 13.8 35.5 53.3#

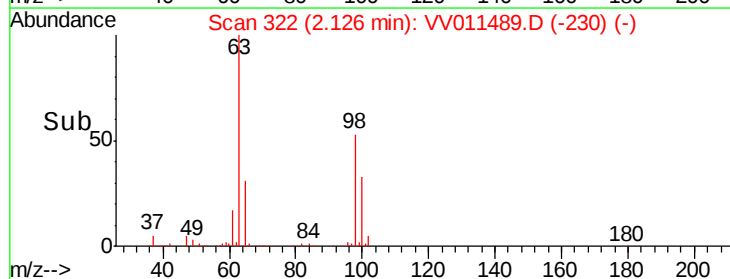
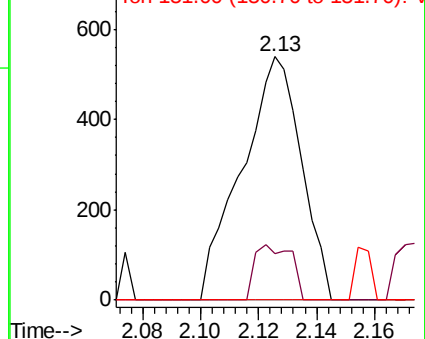
151 0.0 56.9 85.3#

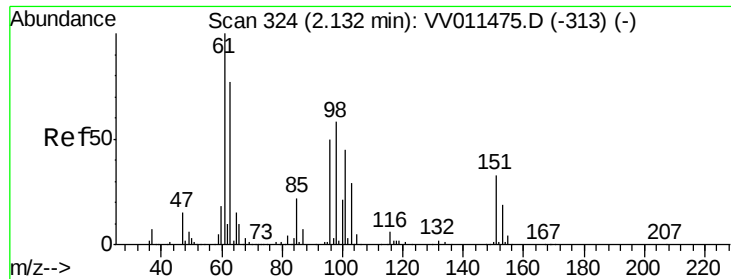


Abundance Ion 101.00 (100.70 to 101.70): VV011475.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV011475.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV011475.D (-310) (-)





#12

1,1-Dichloroethene

Concen: 0.318 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV011489.D

Acq: 14 Jun 2019 05:51

Instrument :

MSVOA_V

ClientSampleId :

C0LZ4

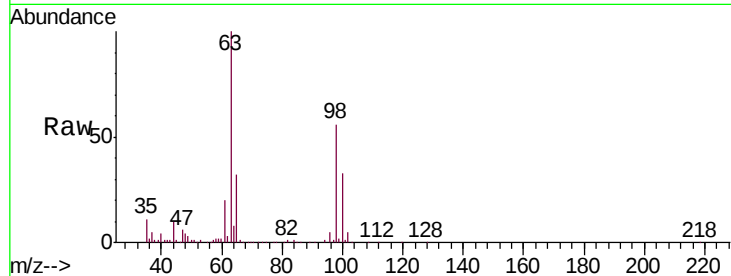
Tgt Ion: 96 Resp: 2580

Ion Ratio Lower Upper

96 100

61 402.7 139.8 259.6#

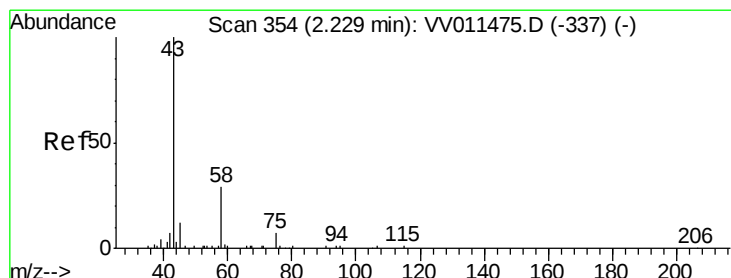
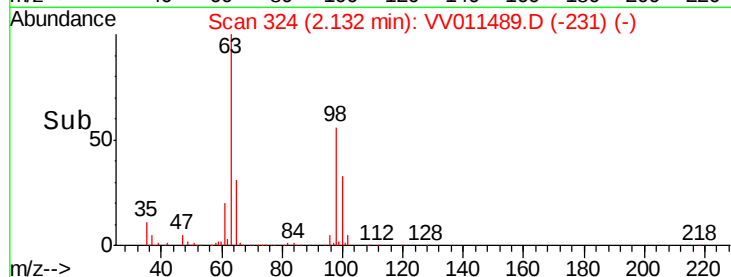
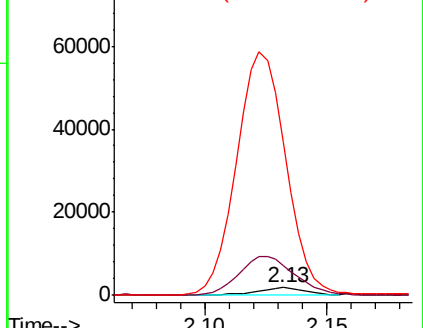
63 2055.4 94.3 175.1#



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



#13

Acetone

Concen: 2.328 ug/L

RT: 2.23 min Scan# 355

Delta R.T. 0.00 min

Lab File: VV011489.D

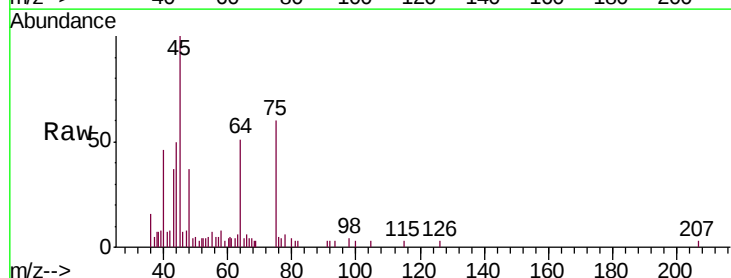
Acq: 14 Jun 2019 05:51

Tgt Ion: 43 Resp: 3428

Ion Ratio Lower Upper

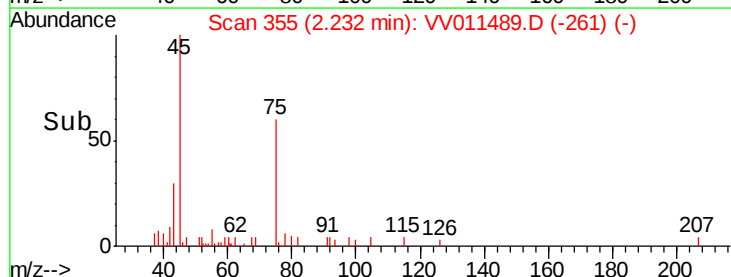
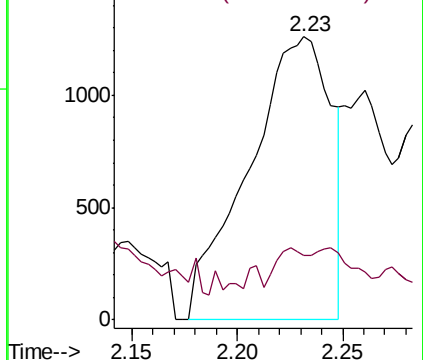
43 100

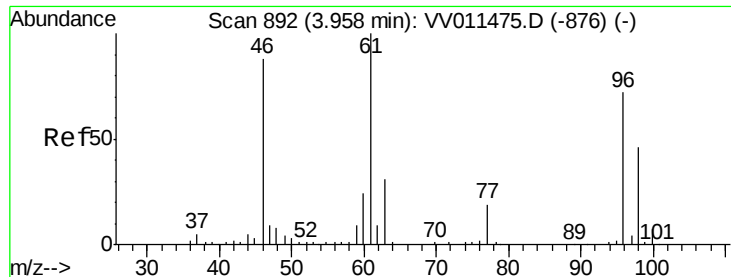
58 6.8 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#22

cis-1,2-Dichloroethene

Concen: 0.074 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV011489.D

Acq: 14 Jun 2019 05:51

Instrument :

MSVOA_V

ClientSampled :

COLZ4

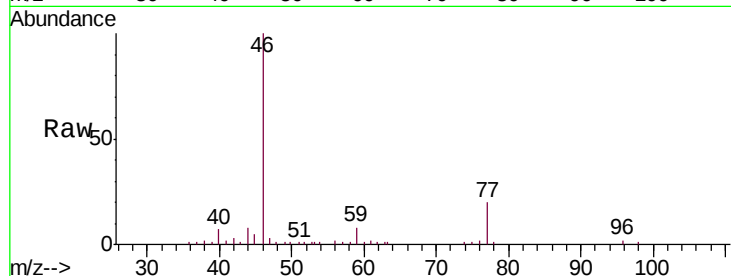
Tgt Ion: 96 Resp: 742

Ion Ratio Lower Upper

96 100

61 111.0 100.8 187.2

68 0.0 0.0 0.0

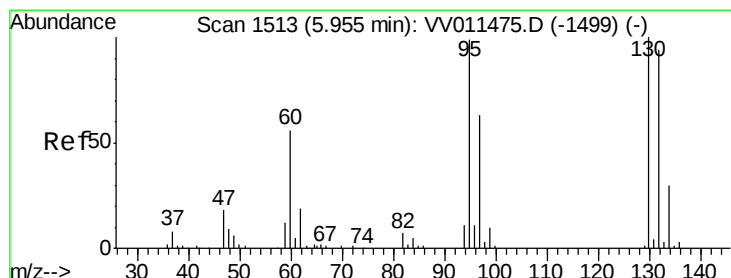
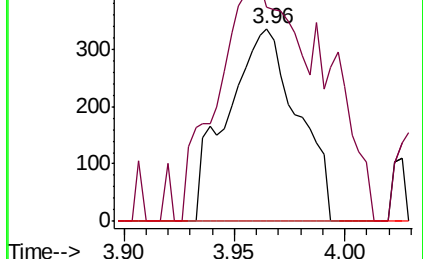
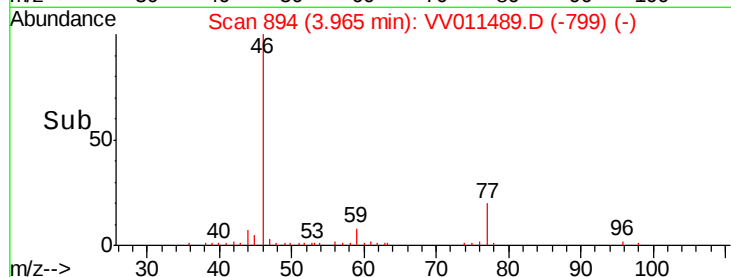


Abundance Ion 96.00 (95.70 to 96.70): VV011475.D (-876) (-)

Ion 61.05 (60.75 to 61.75): VV011475.D (-876) (-)

Ion 68.15 (67.85 to 68.85): VV011475.D (-876) (-)

Time-->



#34

Trichloroethene

Concen: 3.258 ug/L

RT: 5.95 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011489.D

Acq: 14 Jun 2019 05:51

Tgt Ion: 95 Resp: 29930

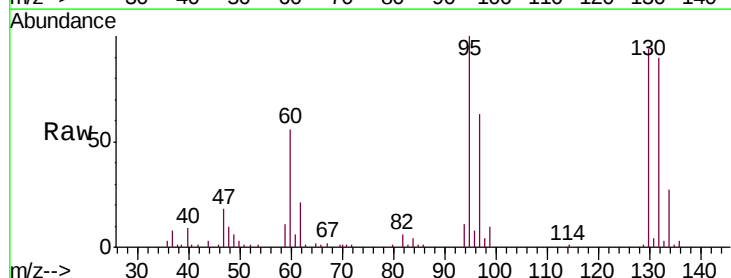
Ion Ratio Lower Upper

95 100

97 62.5 45.8 85.2

132 90.1 66.4 123.2

130 93.9 68.3 126.8



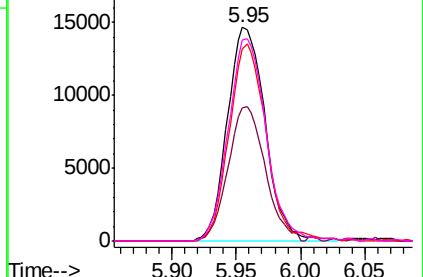
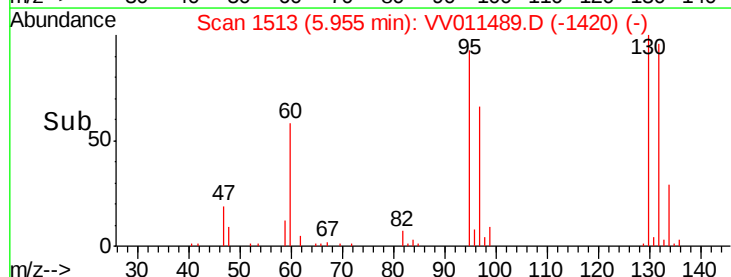
Abundance Ion 95.00 (94.70 to 95.70): VV011475.D (-1499) (-)

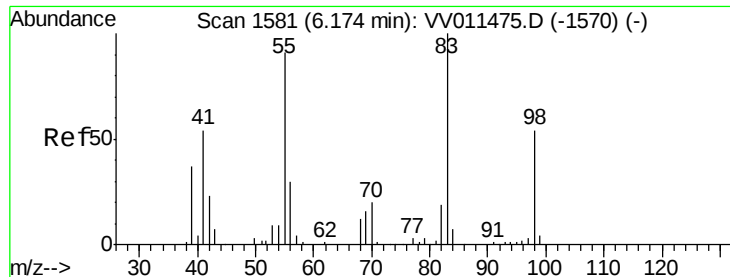
Ion 96.95 (96.65 to 97.65): VV011475.D (-1499) (-)

Ion 131.95 (131.65 to 132.65): VV011475.D (-1499) (-)

Ion 129.95 (129.65 to 130.65): VV011475.D (-1499) (-)

Time-->

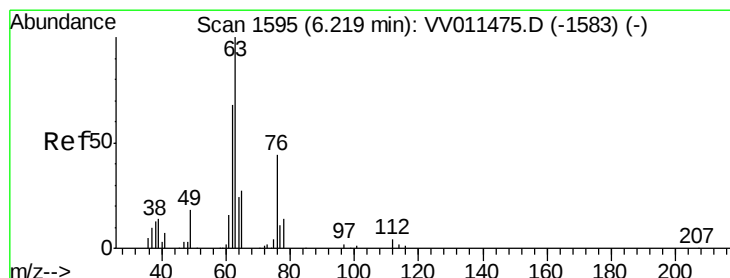
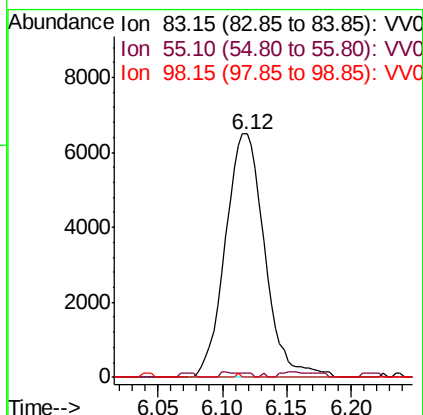
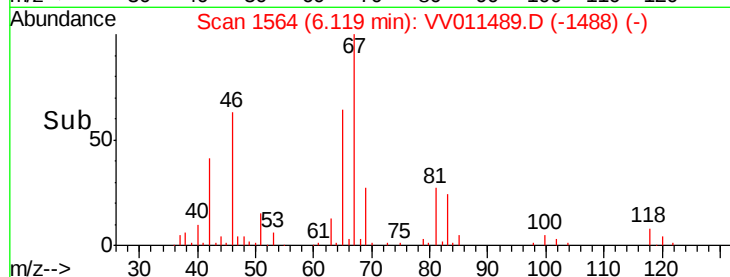
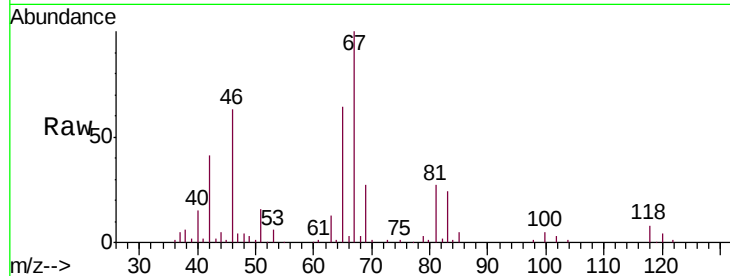




#35
Methylcyclohexane
Concen: 0.905 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011489.D
Acq: 14 Jun 2019 05:51

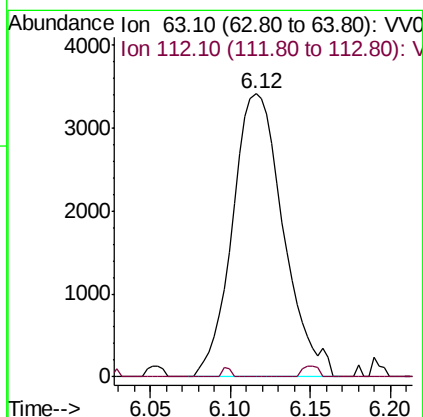
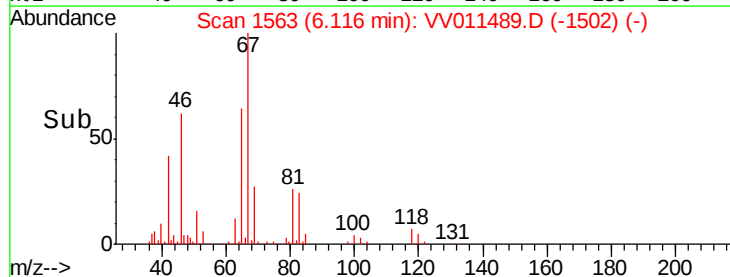
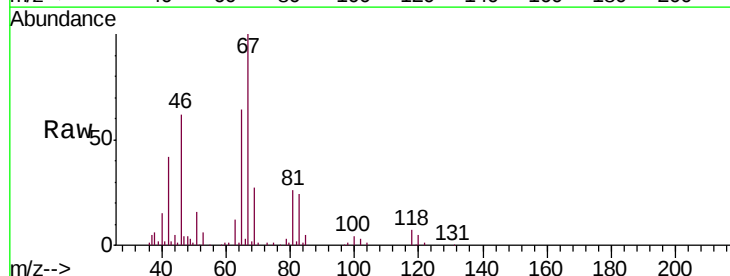
Instrument :
MSVOA_V
ClientSampleId :
COLZ4

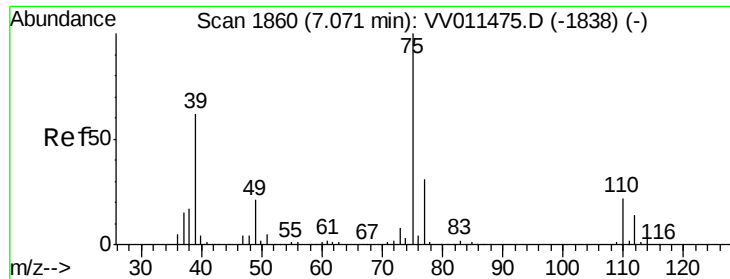
Tgt Ion: 83 Resp: 13744
Ion Ratio Lower Upper
83 100
55 0.2 67.0 100.6#
98 0.0 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.837 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011489.D
Acq: 14 Jun 2019 05:51

Tgt Ion: 63 Resp: 7411
Ion Ratio Lower Upper
63 100
112 0.6 3.6 5.4#

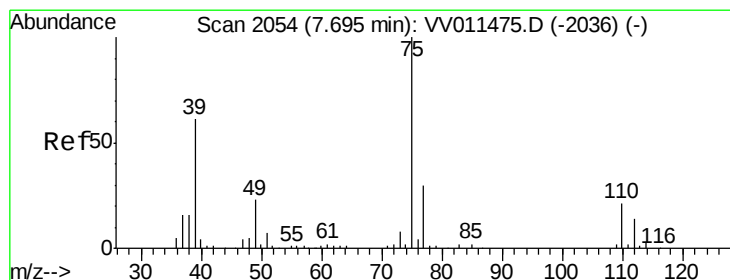
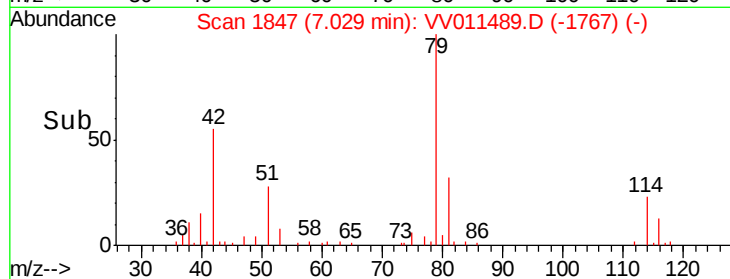
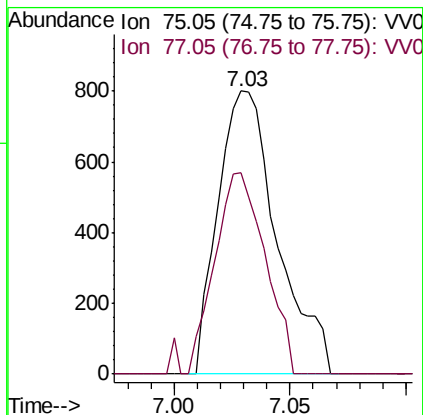
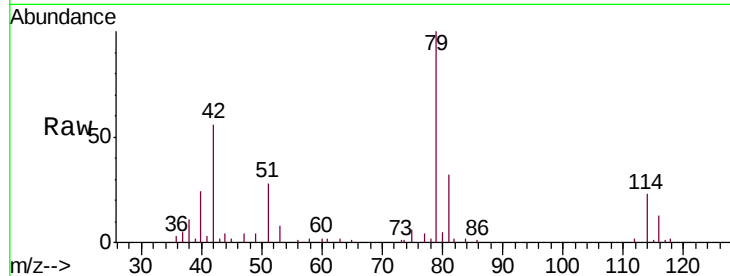




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011489.D
 Acq: 14 Jun 2019 05:51

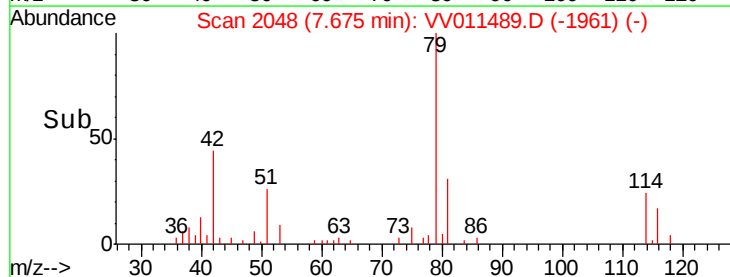
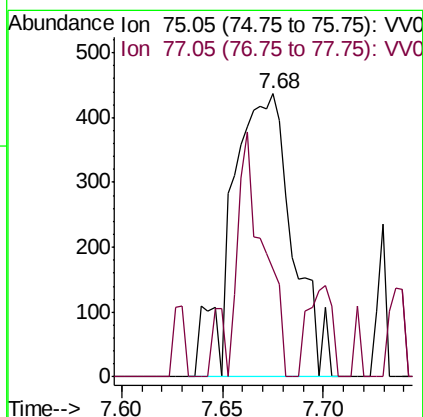
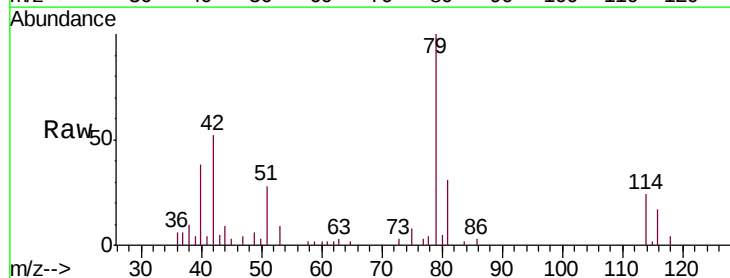
Instrument :
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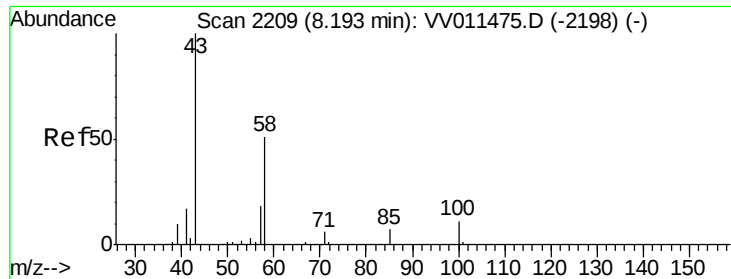
Tgt Ion: 75 Resp: 1422
 Ion Ratio Lower Upper
 75 100
 77 71.4 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.68 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: VV011489.D
 Acq: 14 Jun 2019 05:51

Tgt Ion: 75 Resp: 917
 Ion Ratio Lower Upper
 75 100
 77 38.2 23.1 42.9





#48

2-Hexanone

Concen: 3.495 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV011489.D

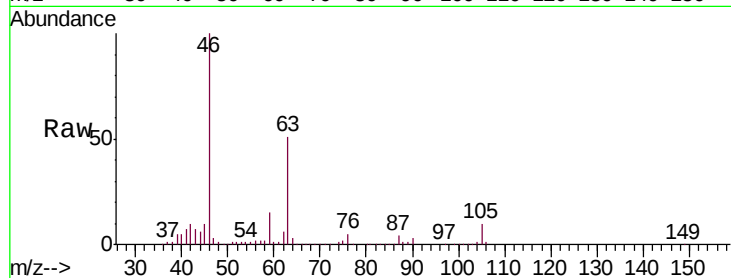
Acq: 14 Jun 2019 05:51

Instrument :

MSVOA_V

ClientSampleId :

COLZ4



Tgt Ion: 43 Resp: 13737

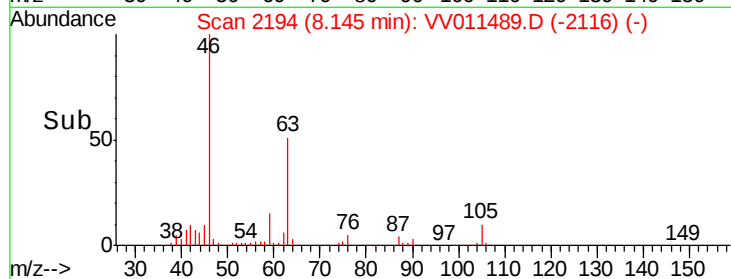
Ion Ratio Lower Upper

43 100

58 27.6 41.4 62.0#

57 24.7 15.0 22.4#

100 1.9 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

