

Data File : VV012394.D
Acq On : 26 Aug 2019 11:12
Operator : SY/MD
Sample : K4501-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL9

Quant Time: Aug 27 02:22:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 27 02:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	224058	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	223981	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86907	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67204	6.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.00%
7) Chloroethane-d5	1.58	69	48129	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.13	63	87828	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	3.93	46	146662	48.60	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.20%
24) Chloroform-d	4.40	84	135990	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.08	65	70833	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.10	84	292697	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.12	67	90002	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	245339	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.66	79	29799	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.13	63	66311	34.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45634	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	81992	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

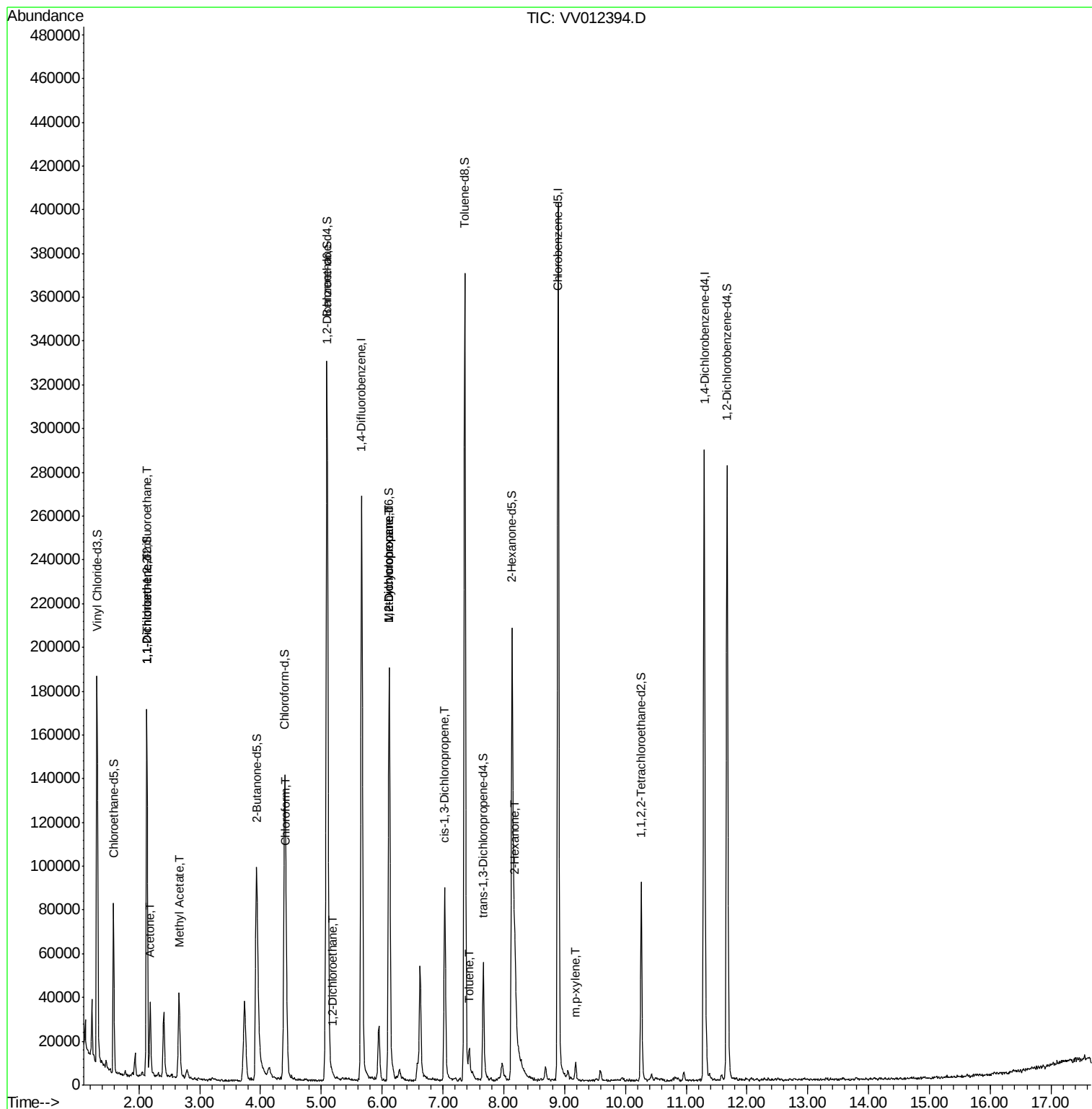
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	812	0.082	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	769	0.086	ug/L #	1
13) Acetone	2.19	43	31481	24.112	ug/L	94
15) Methyl Acetate	2.66	43	6073	1.848	ug/L #	48
25) Chloroform	4.43	83	24968	0.900	ug/L	97
27) 1,2-Dichloroethane	5.19	62	613	0.042	ug/L #	74
35) Methylcyclohexane	6.11	83	21668	0.895	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9894	0.684	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2386	0.123	ug/L #	69
42) Toluene	7.43	91	8200	0.141	ug/L	97
48) 2-Hexanone	8.18	43	29078	5.198	ug/L #	75
53) m,p-xylene	9.18	106	2101	0.089	ug/L	79

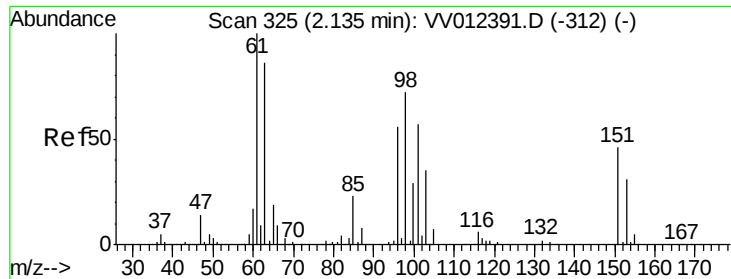
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012394.D

Acq: 26 Aug 2019 11:12

Instrument :

MSVOA_V

ClientSampleId :

GANL9

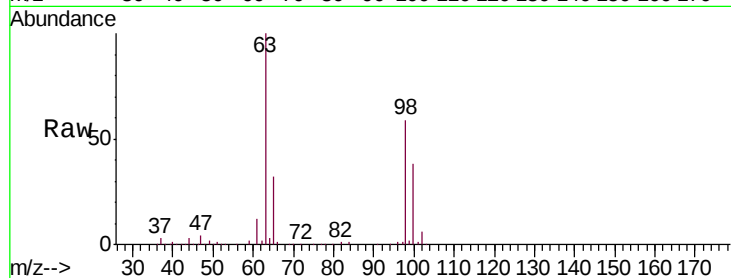
Tgt Ion:101 Resp: 812

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

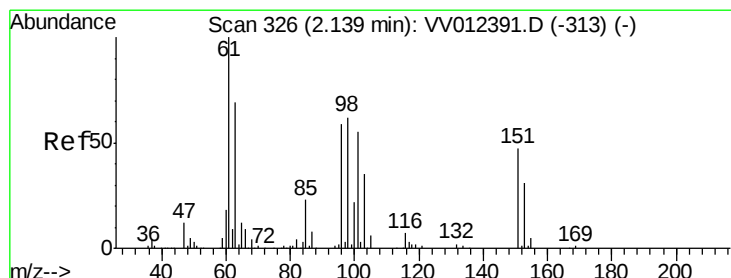
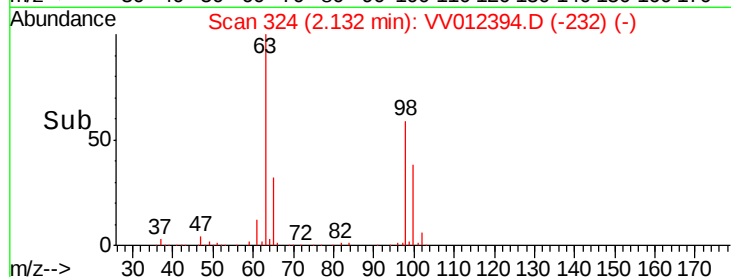
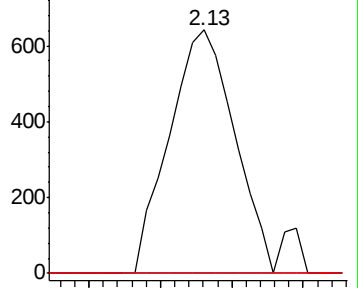
151 0.0 71.2 106.8#



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: 0.086 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012394.D

Acq: 26 Aug 2019 11:12

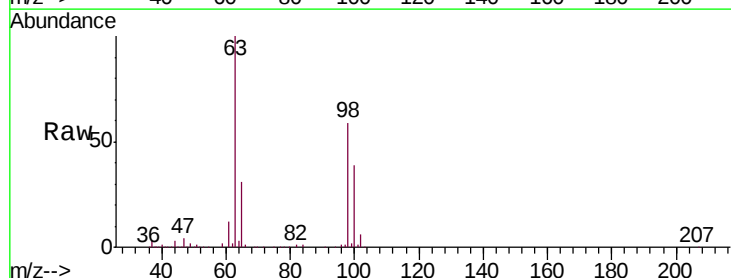
Tgt Ion: 96 Resp: 769

Ion Ratio Lower Upper

96 100

61 1233.2 122.3 227.1#

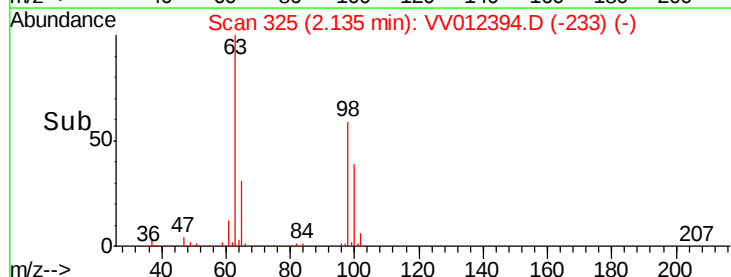
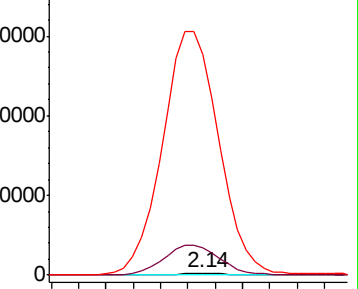
63 9958.9 90.6 168.2#

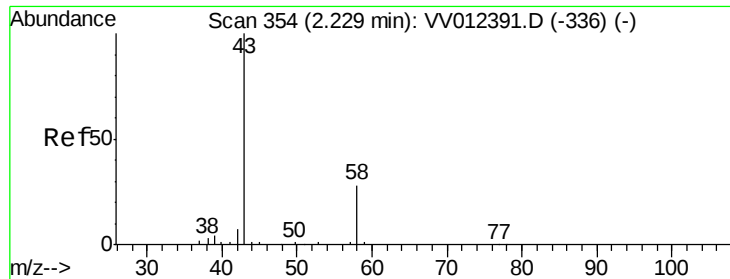


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 24.112 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012394.D

Acq: 26 Aug 2019 11:12

Instrument :

MSVOA_V

ClientSampleId :

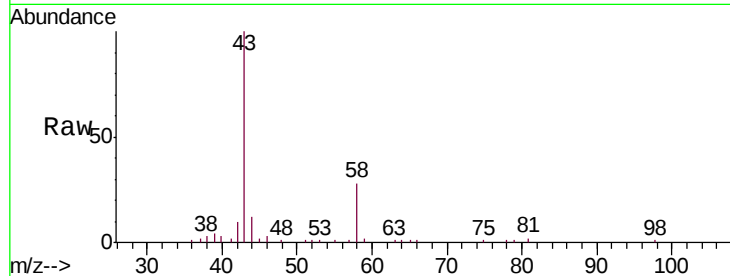
GANL9

Tgt Ion: 43 Resp: 31481

Ion Ratio Lower Upper

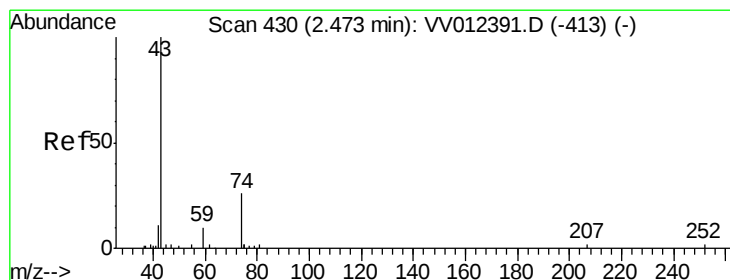
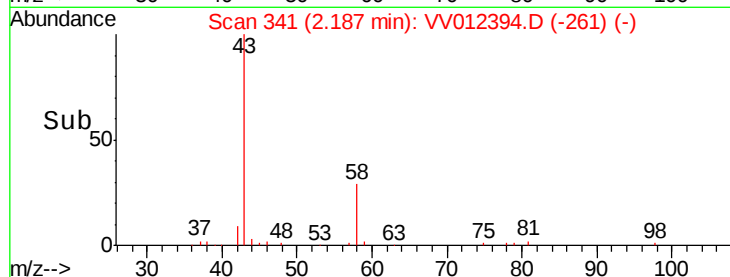
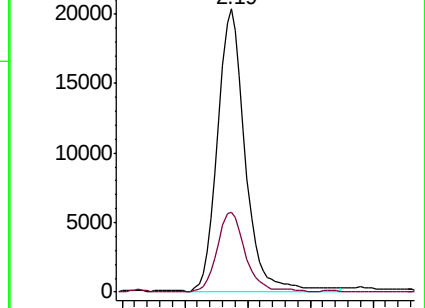
43 100

58 28.0 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV012391.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV012391.D (-336) (-)



#15

Methyl Acetate

Concen: 1.848 ug/L

RT: 2.66 min Scan# 488

Delta R.T. 0.19 min

Lab File: VV012394.D

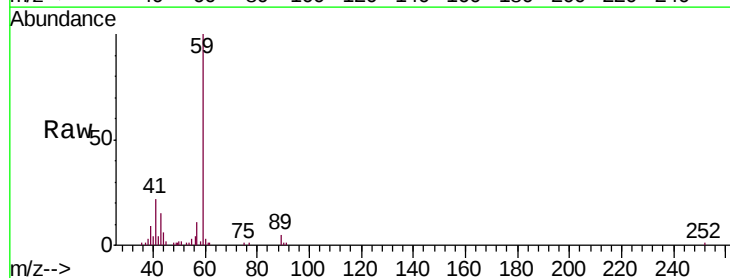
Acq: 26 Aug 2019 11:12

Tgt Ion: 43 Resp: 6073

Ion Ratio Lower Upper

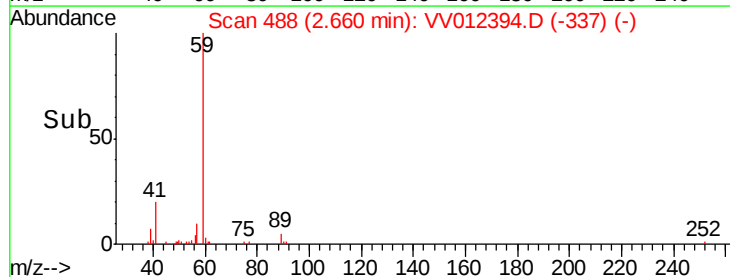
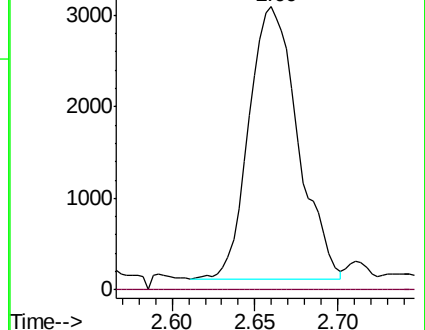
43 100

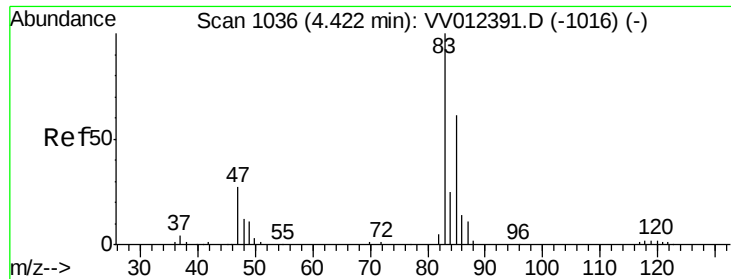
74 0.3 21.8 32.6#



Abundance Ion 43.05 (42.75 to 43.75): VV012391.D (-413) (-)

Ion 74.05 (73.75 to 74.75): VV012391.D (-413) (-)

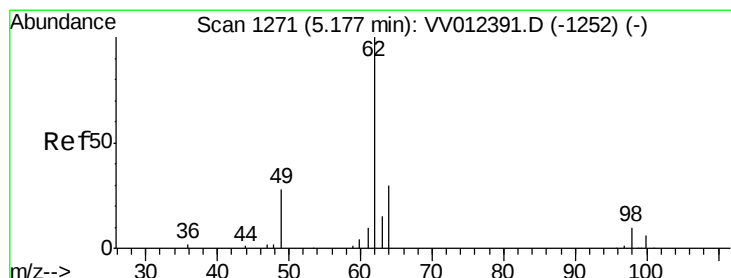
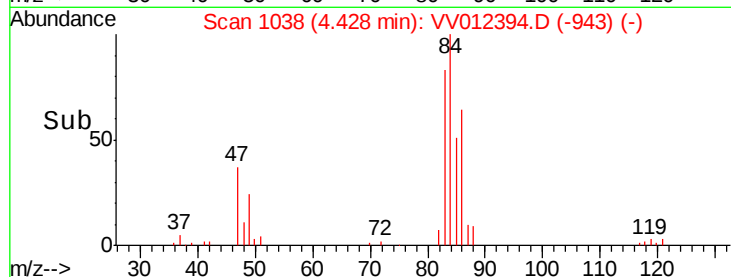
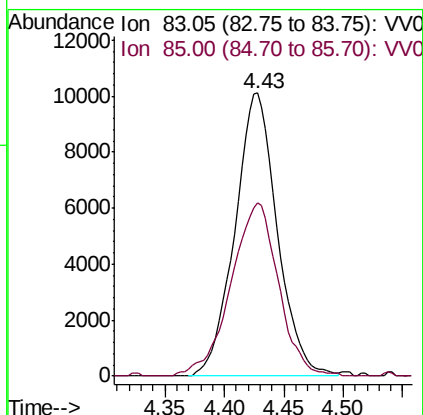
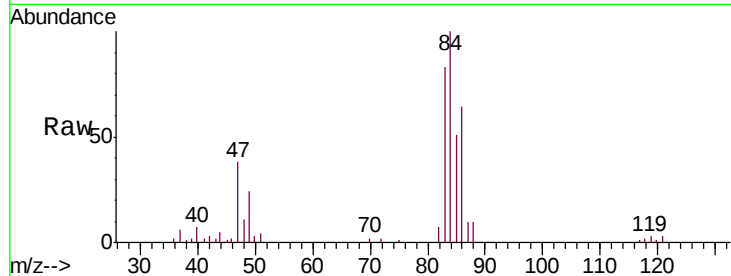




#25
Chloroform
Concen: 0.900 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV012394.D
Acq: 26 Aug 2019 11:12

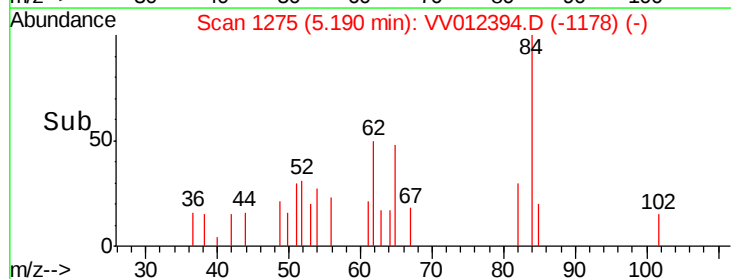
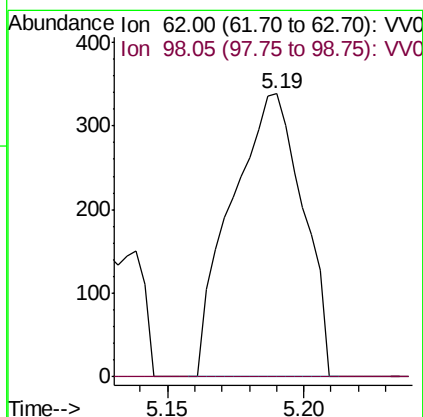
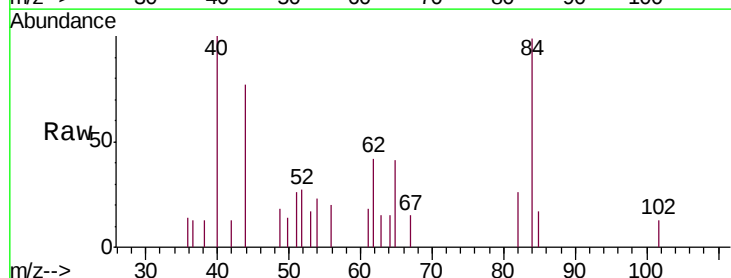
Instrument :
MSVOA_V
ClientSampled :
GANL9

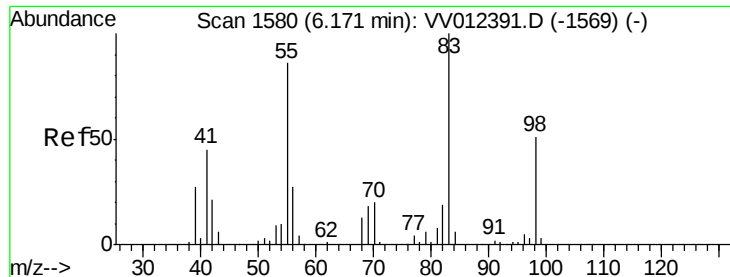
Tgt Ion: 83 Resp: 24968
Ion Ratio Lower Upper
83 100
85 61.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.042 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VV012394.D
Acq: 26 Aug 2019 11:12

Tgt Ion: 62 Resp: 613
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

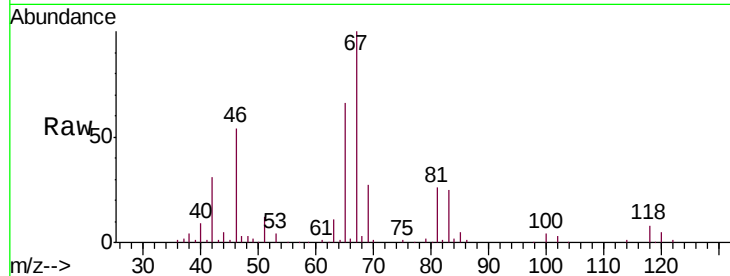




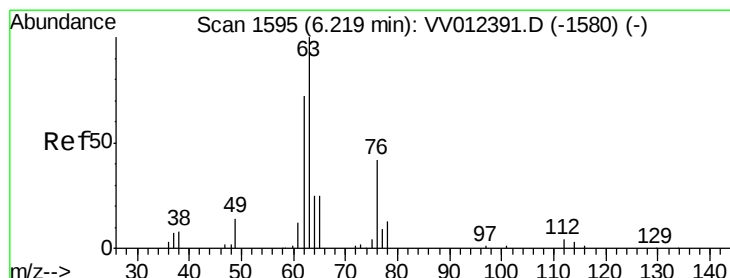
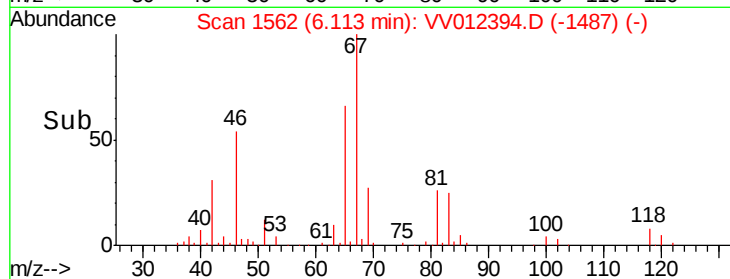
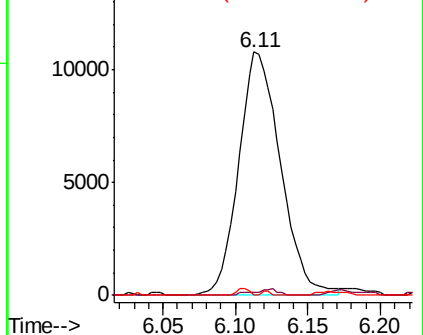
#35
Methylcyclohexane
Concen: 0.895 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV012394.D
Acq: 26 Aug 2019 11:12

Instrument :
MSVOA_V
ClientSampleId :
GANL9

Tgt Ion: 83 Resp: 21668
Ion Ratio Lower Upper
83 100
55 1.4 64.6 97.0#
98 0.8 39.0 58.4#

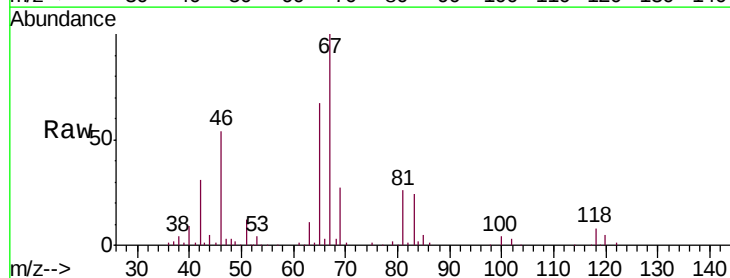


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

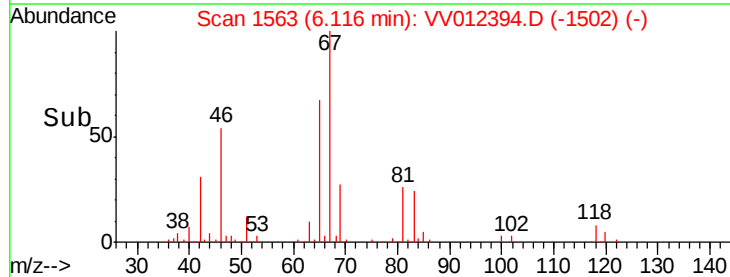
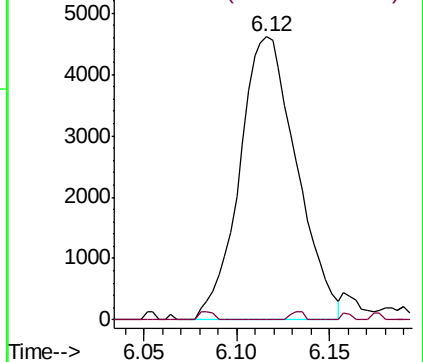


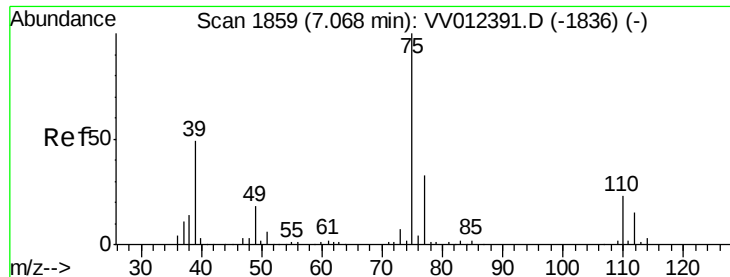
#37
1,2-Dichloropropane
Concen: 0.684 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012394.D
Acq: 26 Aug 2019 11:12

Tgt Ion: 63 Resp: 9894
Ion Ratio Lower Upper
63 100
112 0.7 4.2 6.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



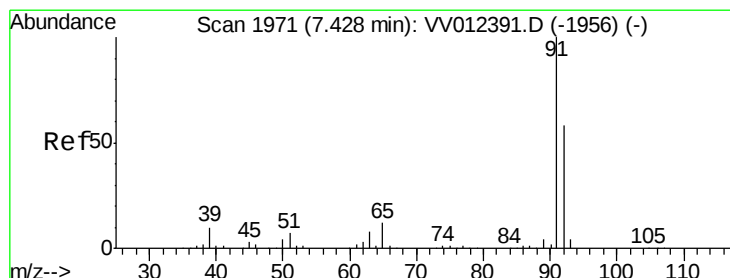
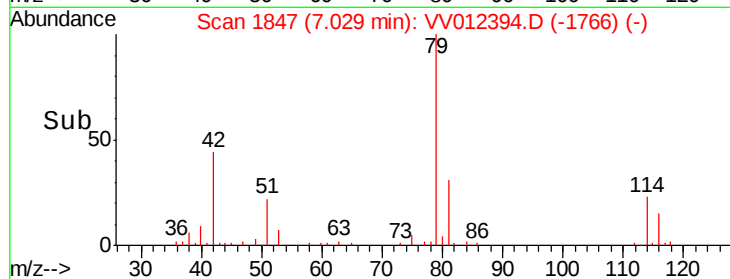
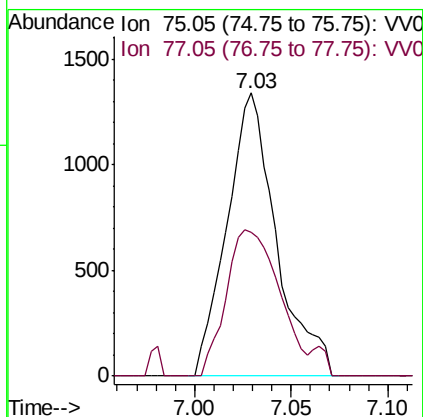
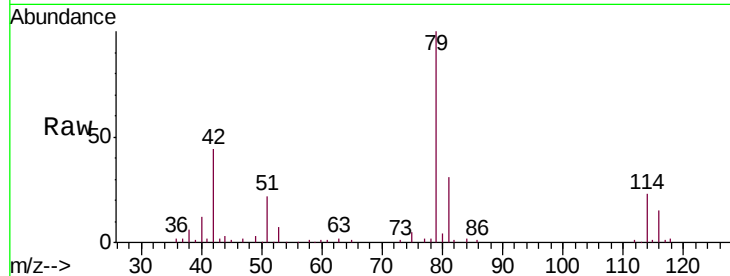


#39

cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012394.D
Acq: 26 Aug 2019 11:12

Instrument :
MSVOA_V
ClientSampled :
GANL9

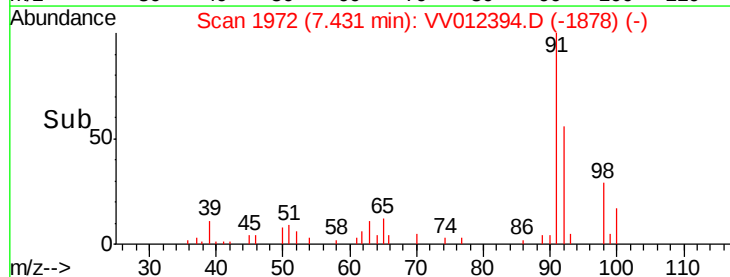
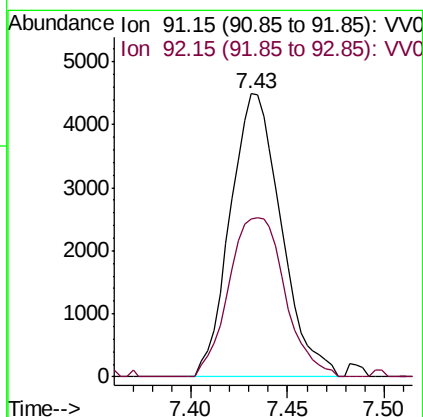
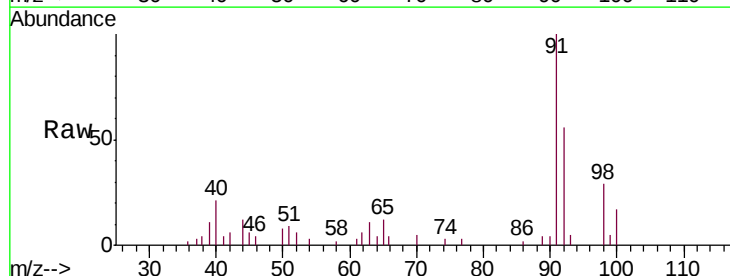
Tgt Ion: 75 Resp: 2386
Ion Ratio Lower Upper
75 100
77 51.0 23.2 43.2#

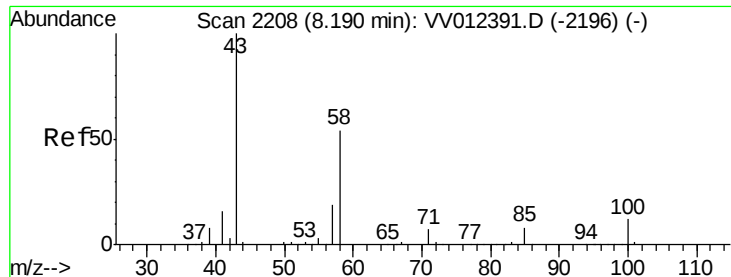


#42

Toluene
Concen: 0.141 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012394.D
Acq: 26 Aug 2019 11:12

Tgt Ion: 91 Resp: 8200
Ion Ratio Lower Upper
91 100
92 55.7 40.7 75.5

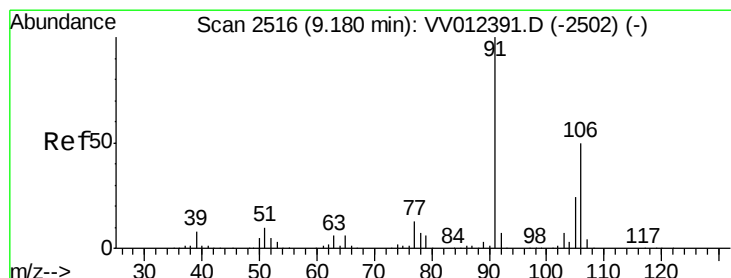
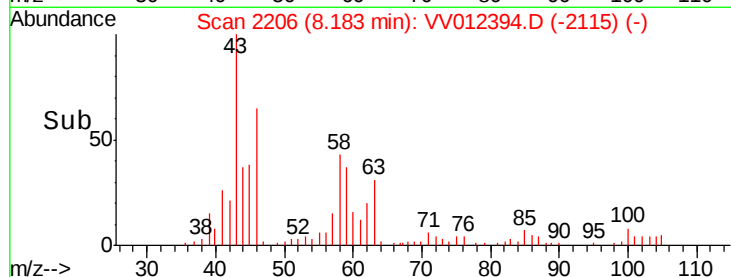
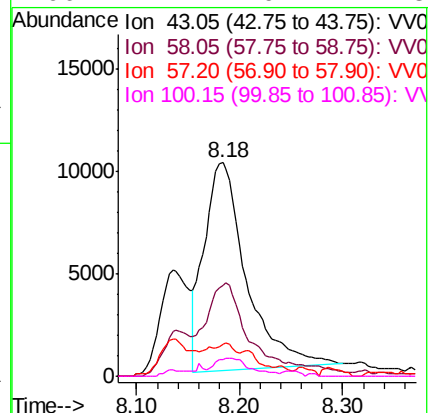
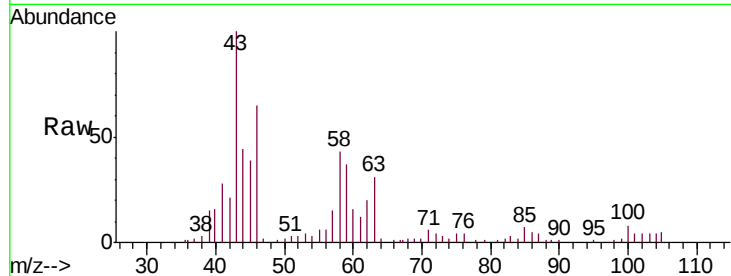




#48
2-Hexanone
Concen: 5.198 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.01 min
Lab File: VV012394.D
Acq: 26 Aug 2019 11:12

Instrument :
MSVOA_V
ClientSampleId :
GANL9

Tgt Ion: 43 Resp: 29078
Ion Ratio Lower Upper
43 100
58 39.3 46.3 69.5#
57 3.3 14.9 22.3#
100 7.4 9.7 14.5#



#53
m,p-xylene
Concen: 0.089 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV012394.D
Acq: 26 Aug 2019 11:12

Tgt Ion: 106 Resp: 2101
Ion Ratio Lower Upper
106 100
91 168.9 140.8 261.4

