

Data File : VV013609.D
Acq On : 13 Nov 2019 17:40
Operator : SY/MD
Sample : K5815-03MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5460MSD

Quant Time: Nov 14 06:13:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 14 06:01:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	333753	5.00	ug/L	-0.02
28) Chlorobenzene-d5	8.91	117	308189	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126986	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.34	65	106997	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.61	69	88719	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.16	63	171900	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	4.02	46	268915	70.04	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.08%#
24) Chloroform-d	4.42	84	187067	5.08	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.09	65	95721	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.10	84	375752	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.15	67	134726	5.29	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.40	98	324163	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.69	79	48262	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.16	63	221987	58.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96800	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	137305	6.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.40%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.25	85	3661	0.118 ug/L	98
3) Chloromethane	1.27	50	2049	0.073 ug/L	96
12) 1,1-Dichloroethene	2.17	96	68293	3.520 ug/L	95
13) Acetone	2.28	43	6598	2.658 ug/L	73
17) Methyl tert-butyl Ether	2.85	73	28508	0.628 ug/L	99
27) 1,2-Dichloroethane	5.14	62	2143	0.084 ug/L	97
33) Benzene	5.14	78	326901	3.631 ug/L	100
34) Trichloroethene	5.98	95	99553	3.939 ug/L	96
35) Methylcyclohexane	6.15	83	34431	0.938 ug/L #	17
37) 1,2-Dichloropropane	6.15	63	15216	0.654 ug/L #	100
42) Toluene	7.47	91	376668	3.852 ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	2175	0.088 ug/L #	42
48) 2-Hexanone	8.21	43	16555	1.810 ug/L	90
51) Chlorobenzene	8.94	112	290347	4.531 ug/L	97
69) Naphthalene	13.55	128	4051	0.125 ug/L #	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111319\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 14 06:01:41 2019
Response via : Initial Calibration

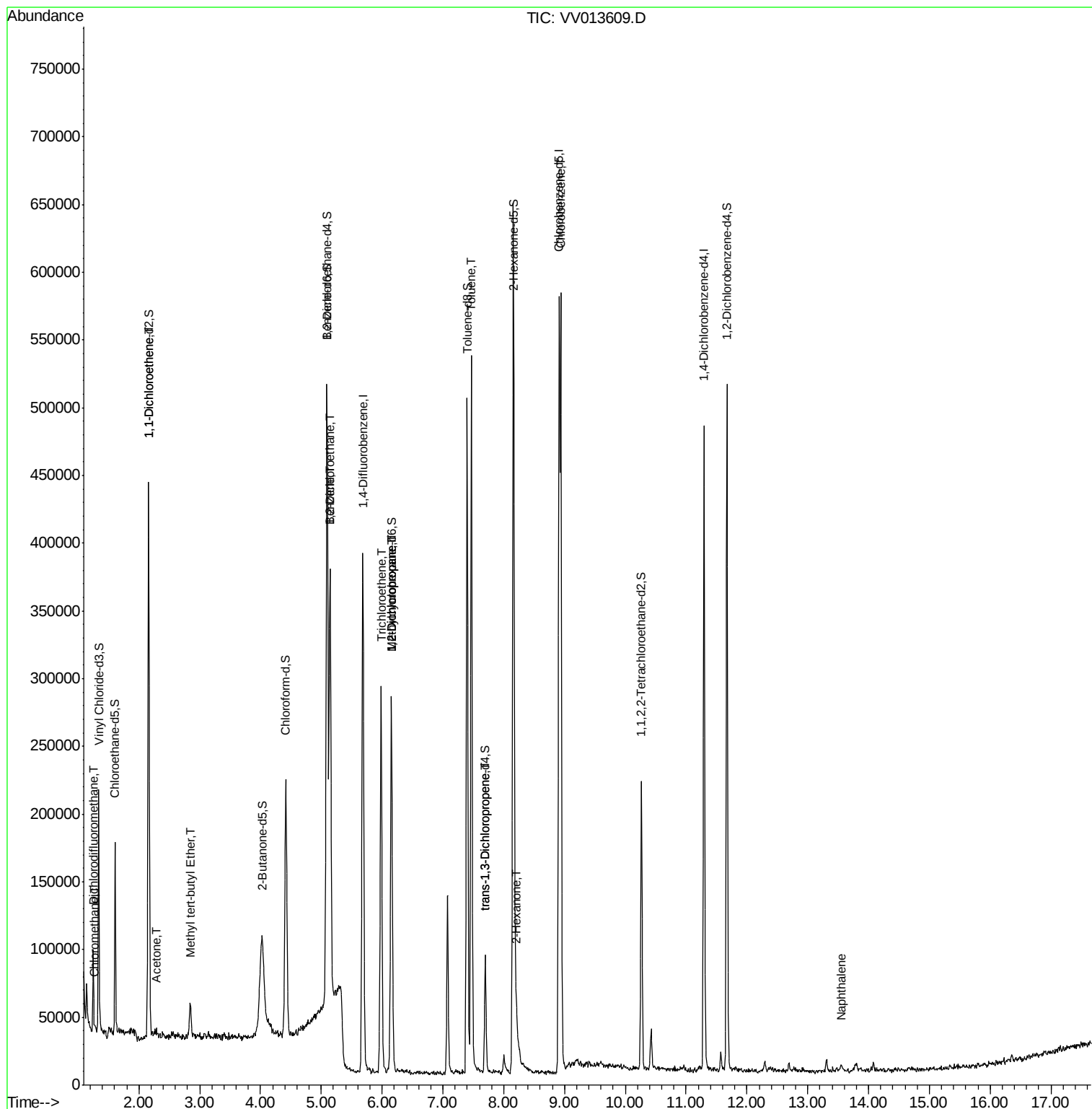
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

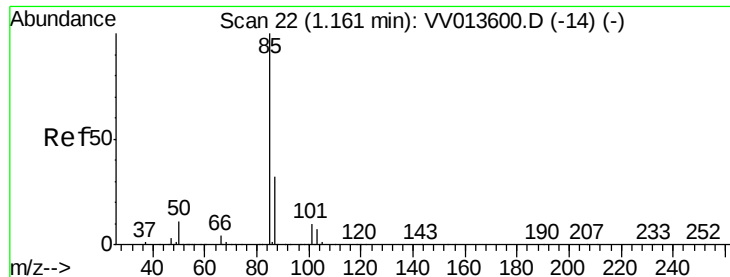
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#2

Dichlorodifluoromethane

Concen: 0.118 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.09 min

Lab File: VV013609.D

Acq: 13 Nov 2019 17:40

Instrument :

MSVOA_V

ClientSampleId :

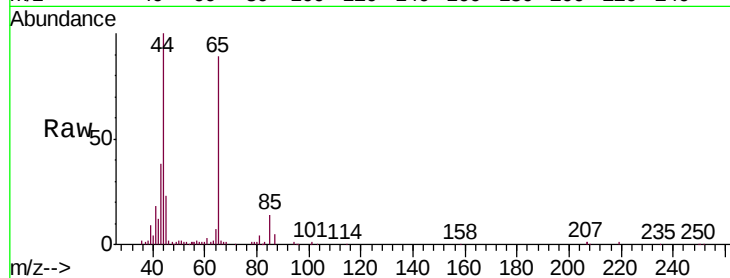
A5460MSD

Tgt Ion: 85 Resp: 3661

Ion Ratio Lower Upper

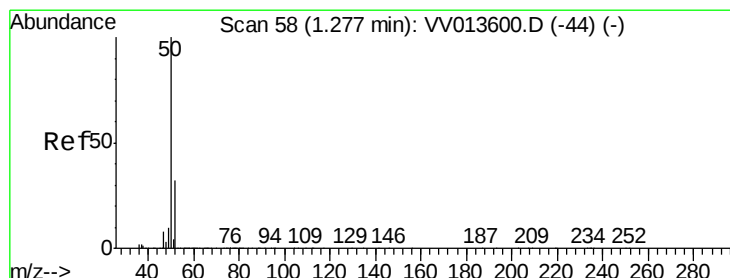
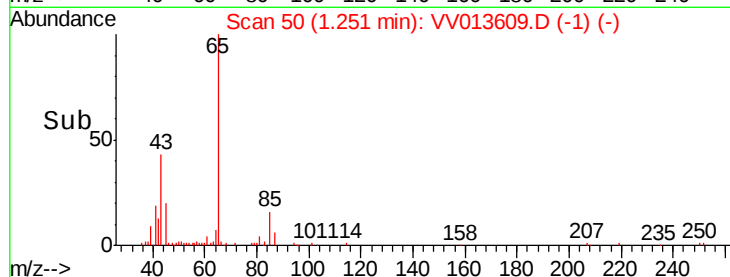
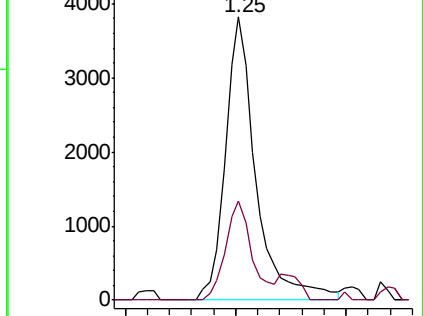
85 100

87 30.5 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 0.073 ug/L

RT: 1.27 min Scan# 57

Delta R.T. -0.00 min

Lab File: VV013609.D

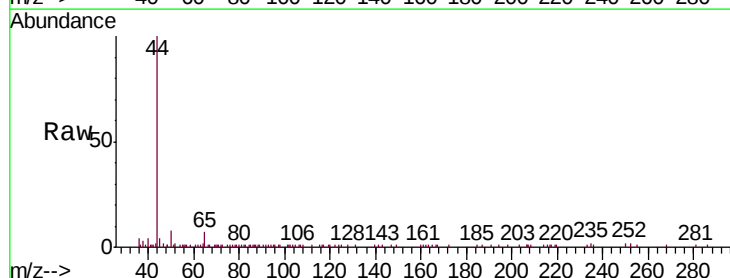
Acq: 13 Nov 2019 17:40

Tgt Ion: 50 Resp: 2049

Ion Ratio Lower Upper

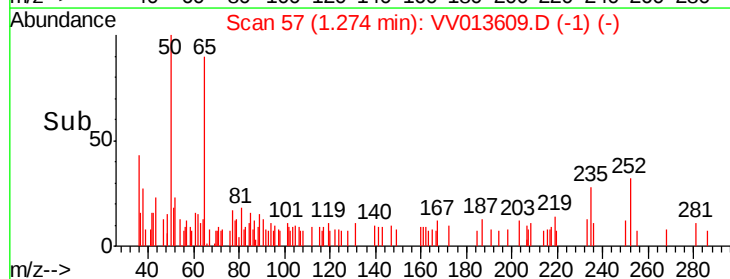
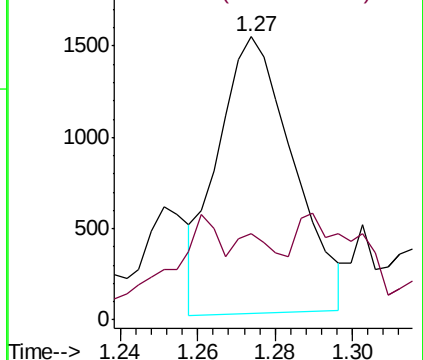
50 100

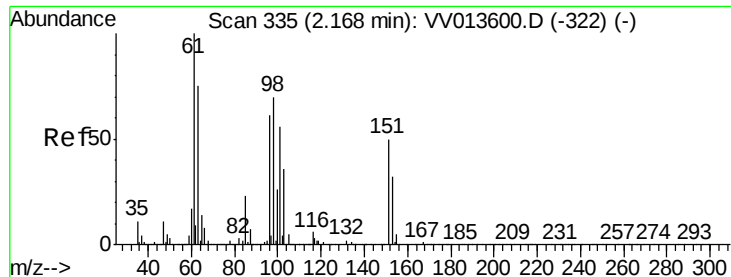
52 30.4 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#12

1,1-Dichloroethene

Concen: 3.520 ug/L

RT: 2.17 min Scan# 335

Delta R.T. 0.00 min

Lab File: VV013609.D

Acq: 13 Nov 2019 17:40

Instrument :

MSVOA_V

ClientSampleId :

A5460MSD

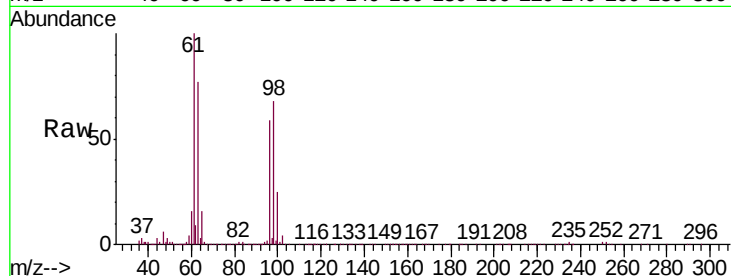
Tgt Ion: 96 Resp: 68293

Ion Ratio Lower Upper

96 100

61 169.8 115.6 214.6

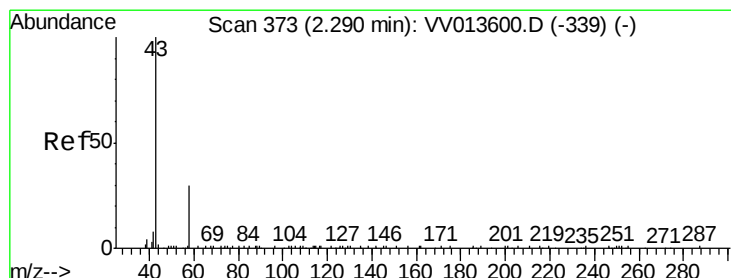
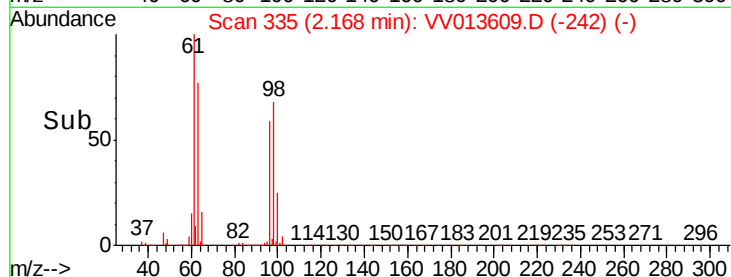
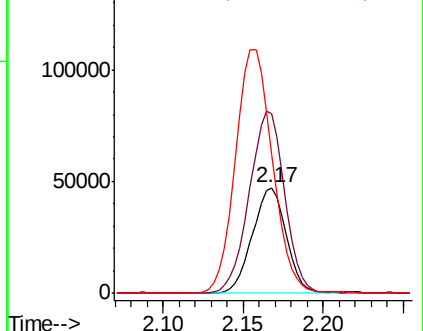
63 131.4 87.2 162.0



Abundance Ion 96.00 (95.70 to 96.70): VV013609.D (-242) (-)

Ion 61.05 (60.75 to 61.75): VV013609.D (-242) (-)

Ion 63.00 (62.70 to 63.70): VV013609.D (-242) (-)



#13

Acetone

Concen: 2.658 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VV013609.D

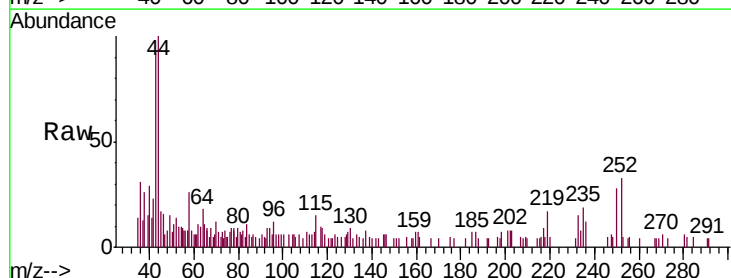
Acq: 13 Nov 2019 17:40

Tgt Ion: 43 Resp: 6598

Ion Ratio Lower Upper

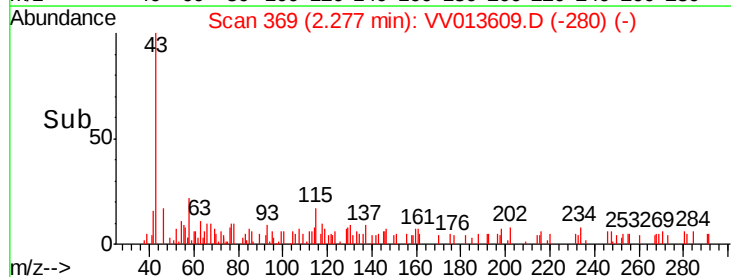
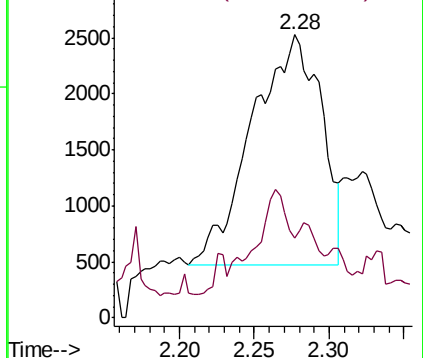
43 100

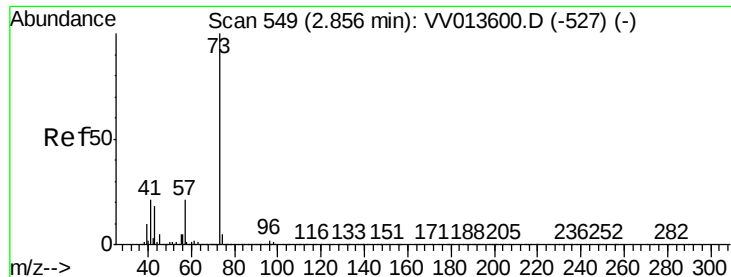
58 3.4 0.0 28.8



Abundance Ion 43.05 (42.75 to 43.75): VV013609.D (-280) (-)

Ion 58.05 (57.75 to 58.75): VV013609.D (-280) (-)

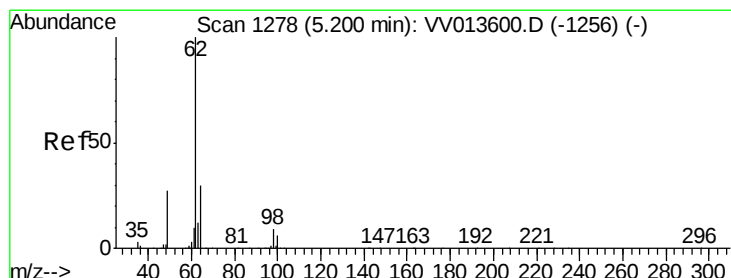
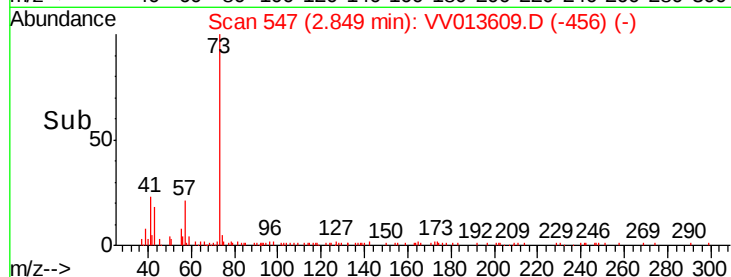
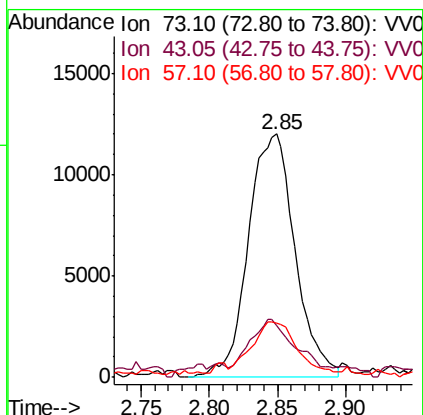
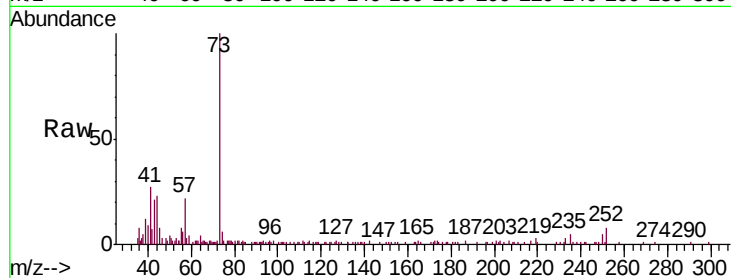




#17
Methyl tert-butyl Ether
Concen: 0.628 ug/L
RT: 2.85 min Scan# 547
Delta R.T. -0.01 min
Lab File: VV013609.D
Acq: 13 Nov 2019 17:40

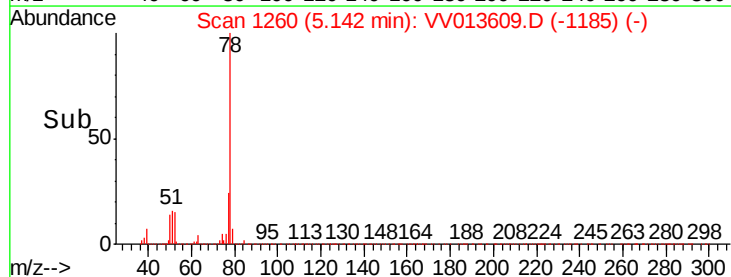
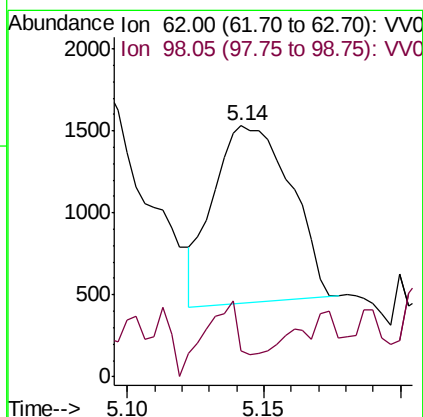
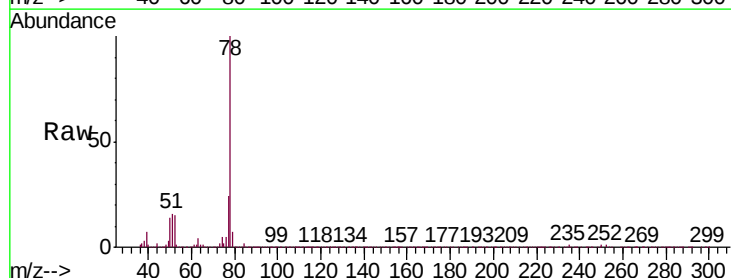
Instrument :
MSVOA_V
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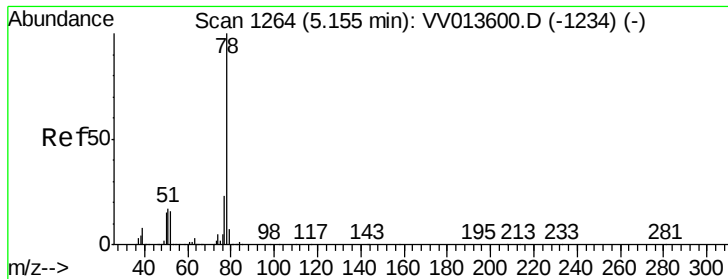
Tgt Ion	Ratio	Lower	Upper
73	100		
43	17.5	14.8	22.2
57	20.2	16.3	24.5



#27
1,2-Dichloroethane
Concen: 0.084 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.06 min
Lab File: VV013609.D
Acq: 13 Nov 2019 17:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	7.4	11.2





#33

Benzene

Concen: 3.631 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VV013609.D

Acq: 13 Nov 2019 17:40

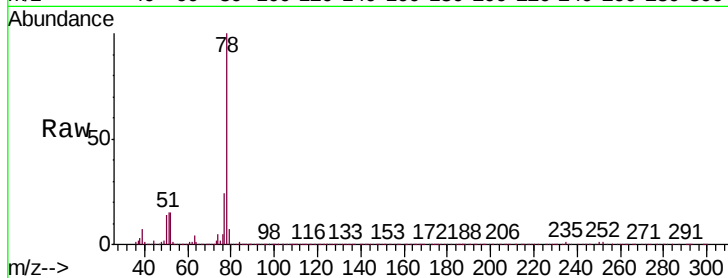
Instrument :

MSVOA_V

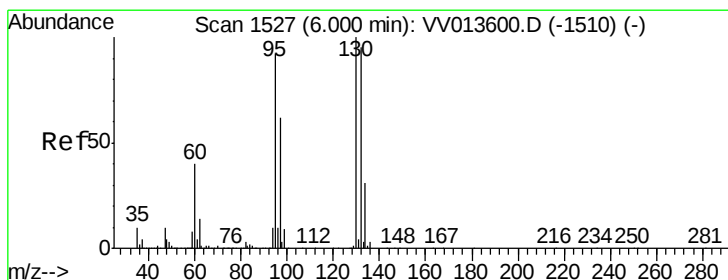
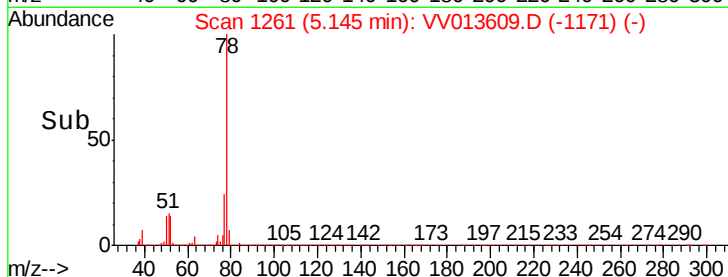
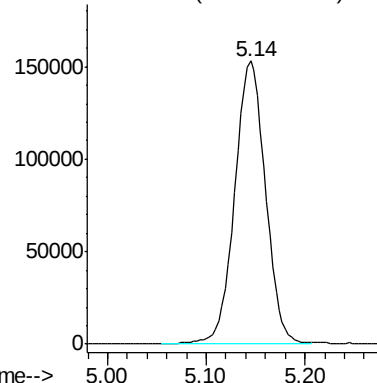
ClientSampleId :

A5460MSD

Tgt Ion: 78 Resp: 326901



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 3.939 ug/L

RT: 5.98 min Scan# 1522

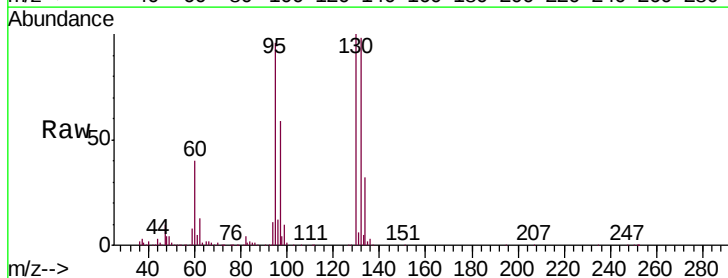
Delta R.T. -0.02 min

Lab File: VV013609.D

Acq: 13 Nov 2019 17:40

Tgt Ion: 95 Resp: 99553

Ion	Ratio	Lower	Upper
95	100		
97	61.0	47.0	87.4
132	102.1	72.2	134.0
130	103.7	75.7	140.7

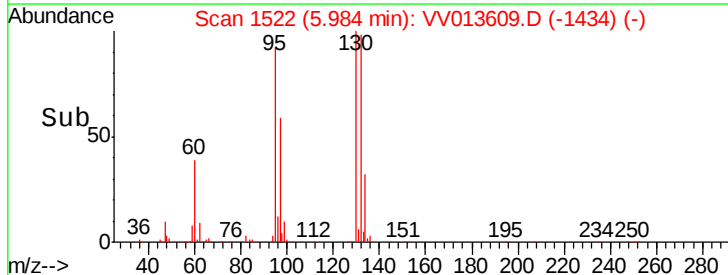
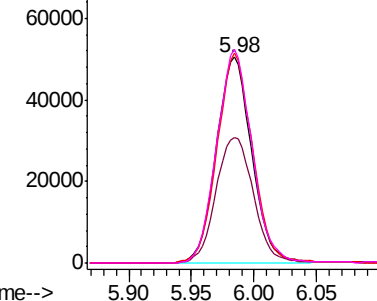


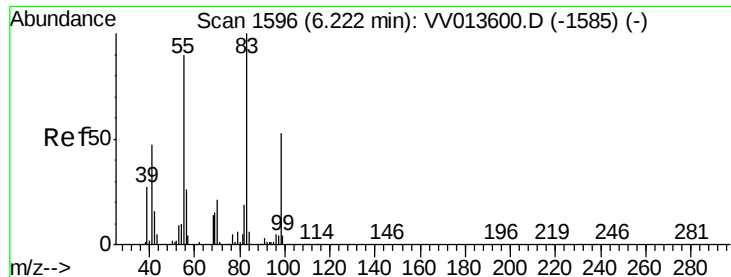
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#35

Methylcyclohexane

Concen: 0.938 ug/L

RT: 6.15 min Scan# 1574

Delta R.T. -0.07 min

Lab File: VV013609.D

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ClientSampleId :

A5460MSD

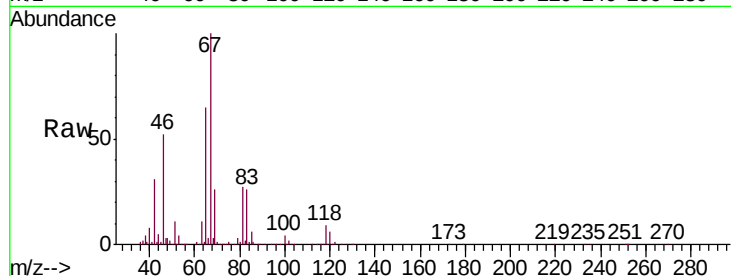
Tgt Ion: 83 Resp: 34431

Ion Ratio Lower Upper

83 100

55 1.4 67.0 100.4#

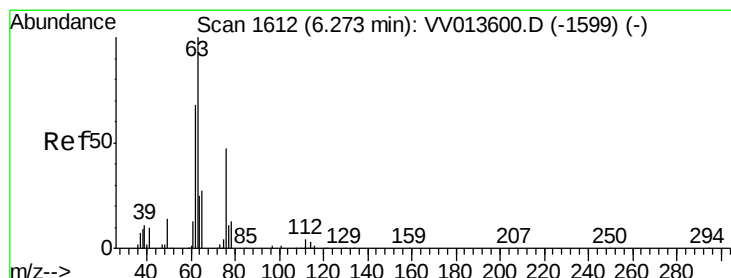
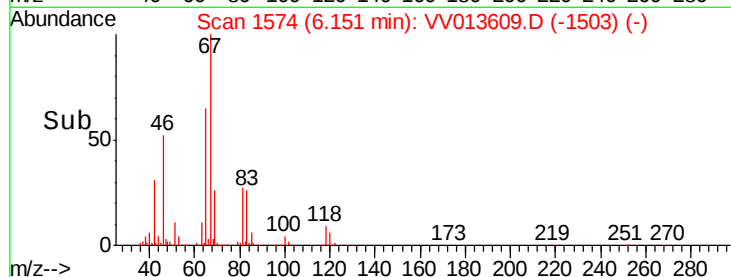
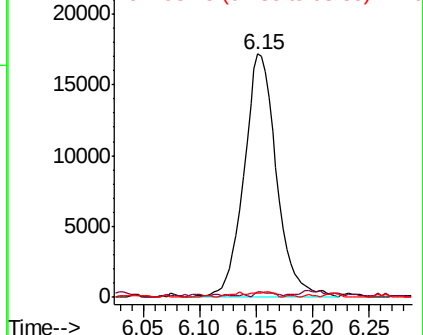
98 1.4 38.5 57.7#



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: 0.654 ug/L

RT: 6.15 min Scan# 1574

Delta R.T. -0.12 min

Lab File: VV013609.D

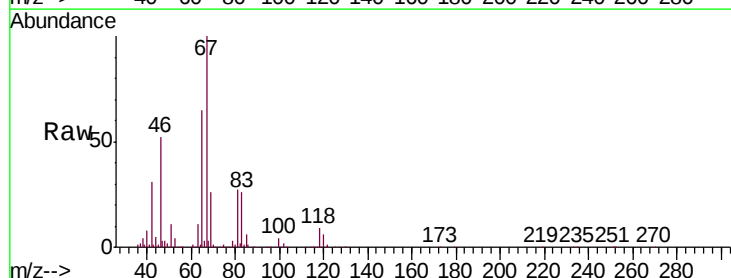
Acq: 13 Nov 2019 17:40

Tgt Ion: 63 Resp: 15216

Ion Ratio Lower Upper

63 100

112 0.4 0.2 0.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

