

Data File : VV013216.D
Acq On : 18 Oct 2019 21:12
Operator : SY/MD
Sample : K5404-07
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB7

Quant Time: Oct 19 04:29:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 04:23:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	426979	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	455109	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	231639	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	234066	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.58	69	189588	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.13	63	283921	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	3.96	46	480011	53.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.96%
24) Chloroform-d	4.40	84	456008	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.08	65	216905	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.09	84	916050	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.12	67	280105	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.36	98	740723	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.66	79	90453	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.13	63	361138	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	190401	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	293485	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

Target Compounds

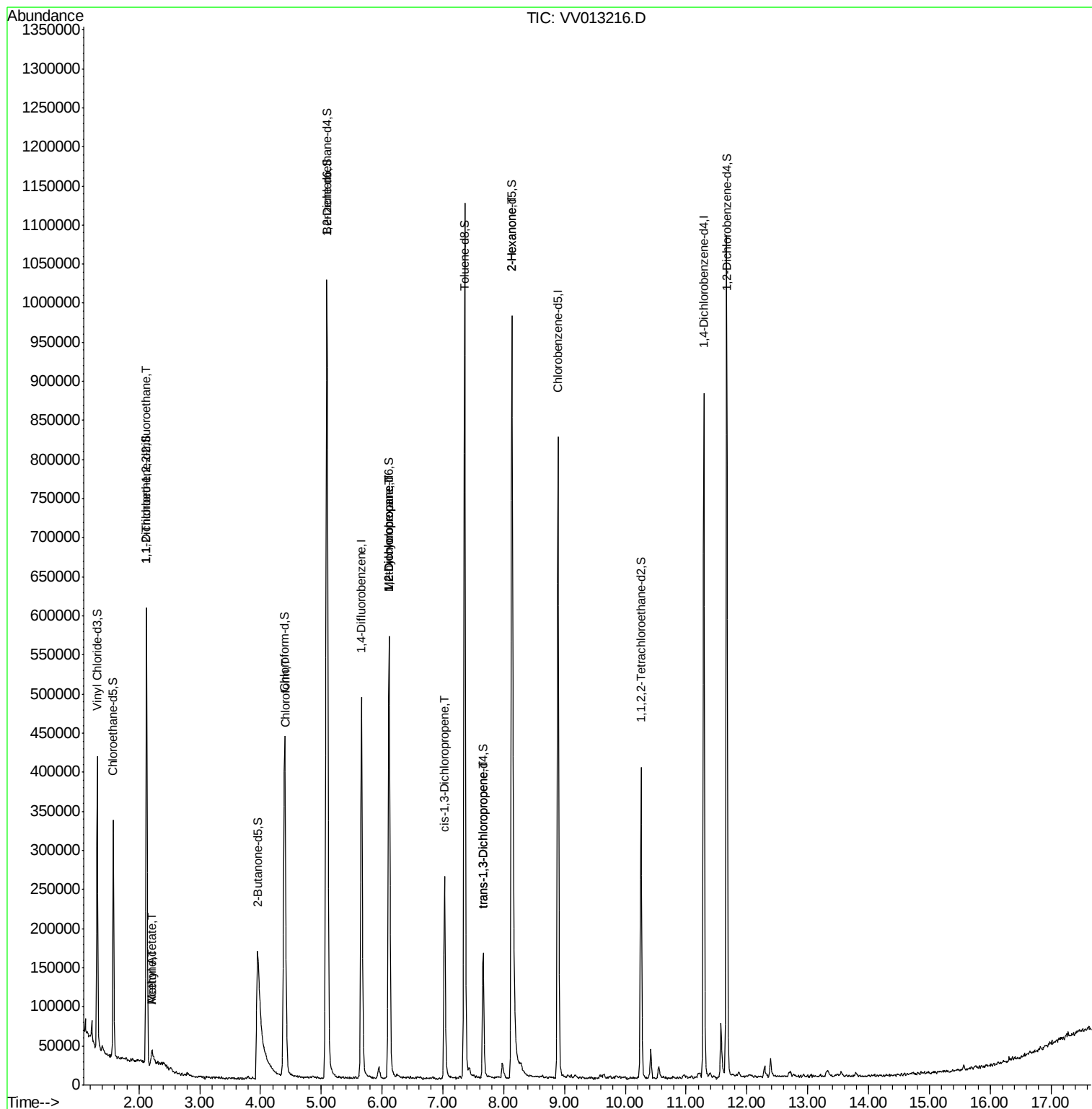
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3034	0.084	ug/L #	19
13) Acetone	2.22	43	43858	10.675	ug/L	96
15) Methyl Acetate	2.22	43	41859	4.135	ug/L #	49
25) Chloroform	4.41	83	9486	0.110	ug/L	81
35) Methylcyclohexane	6.12	83	65943	0.904	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	29724	0.658	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	6155	0.102	ug/L #	64
44) trans-1,3-Dichloropropene	7.66	75	3822	0.082	ug/L #	79
48) 2-Hexanone	8.13	43	56154	3.180	ug/L #	80

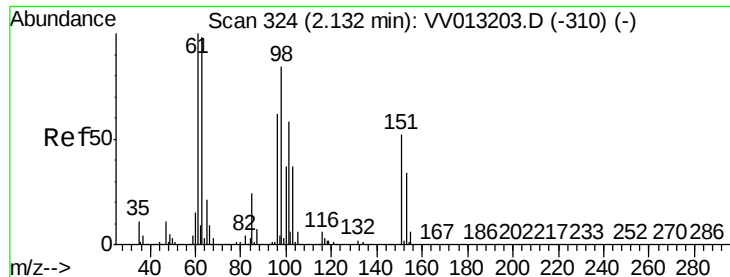
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013216.D

Acq: 18 Oct 2019 21:12

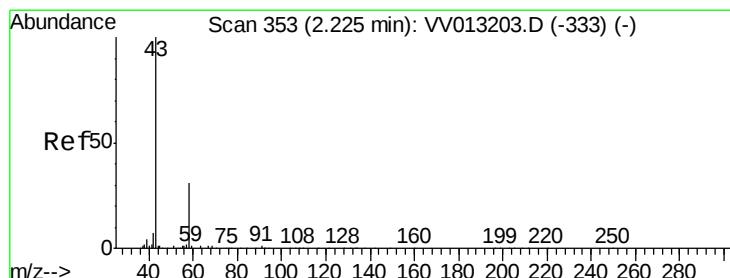
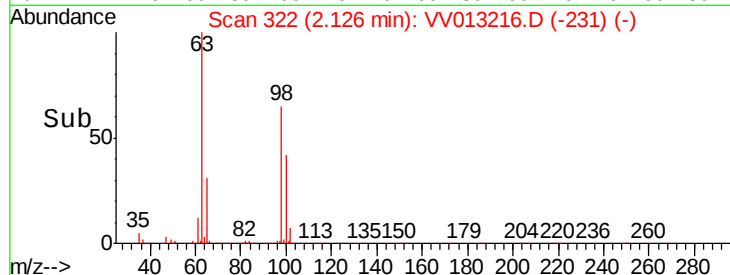
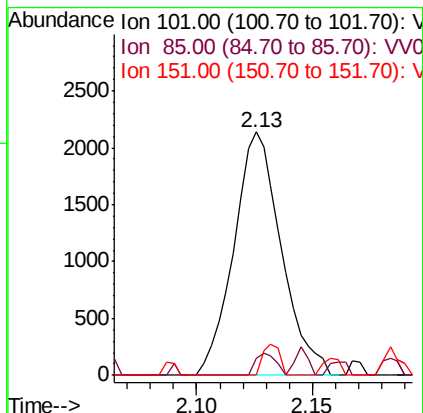
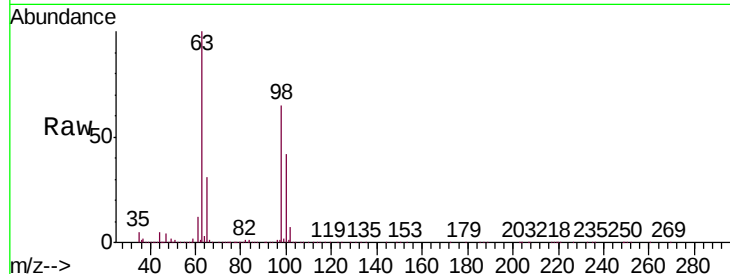
Instrument :

MSVOA_V

ClientSampleId :

C0AB7

Tgt Ion:	101	Resp:	3034
Ion	Ratio	Lower	Upper
101	100		
85	4.0	32.4	48.6#
151	4.7	71.9	107.9#



#13

Acetone

Concen: 10.675 ug/L

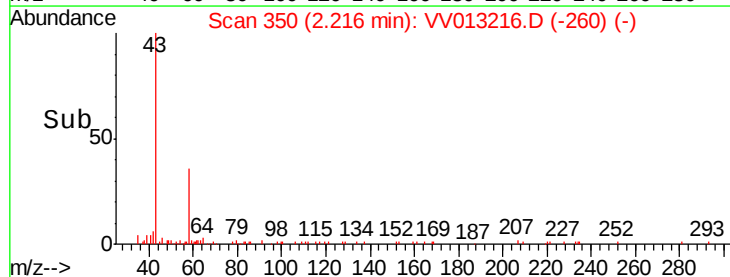
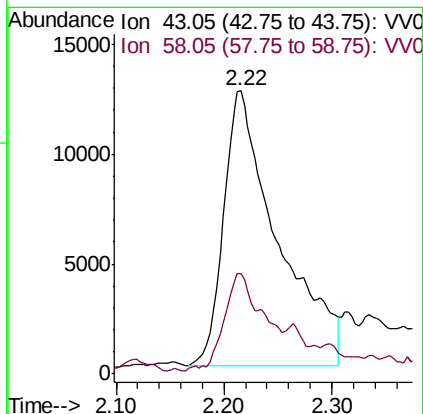
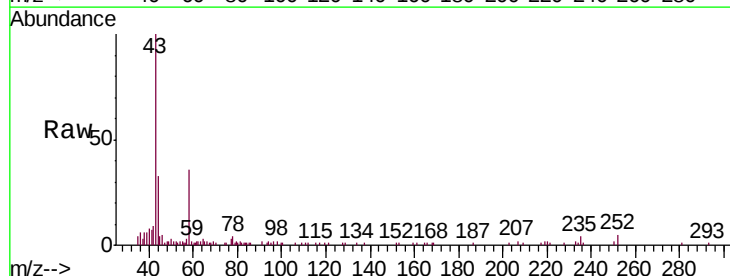
RT: 2.22 min Scan# 350

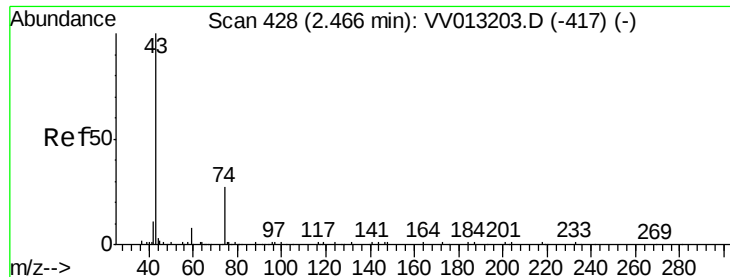
Delta R.T. -0.01 min

Lab File: VV013216.D

Acq: 18 Oct 2019 21:12

Tgt Ion:	43	Resp:	43858
Ion	Ratio	Lower	Upper
43	100		
58	24.3	0.0	52.4





#15

Methyl Acetate

Concen: 4.135 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.25 min

Lab File: VV013216.D

Acq: 18 Oct 2019 21:12

Instrument :

MSVOA_V

ClientSampleId :

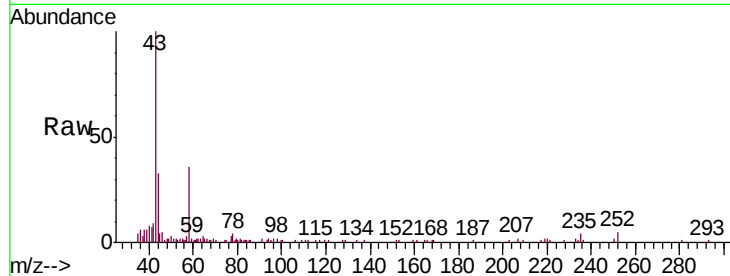
C0AB7

Tgt Ion: 43 Resp: 41859

Ion Ratio Lower Upper

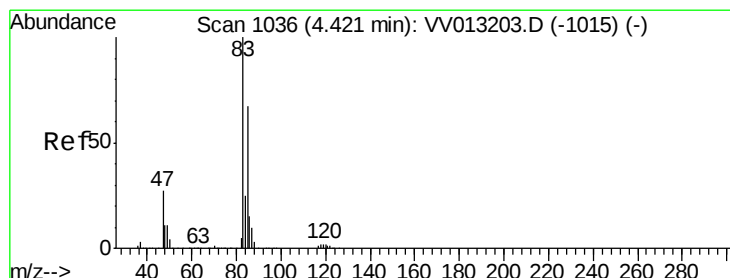
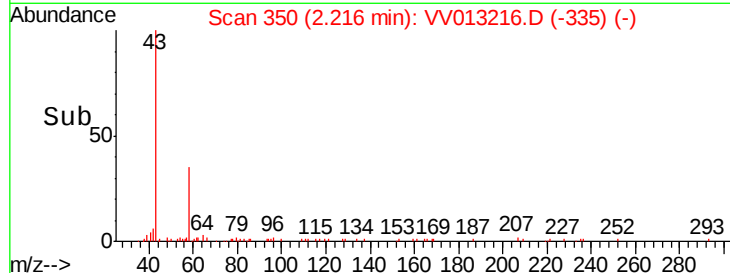
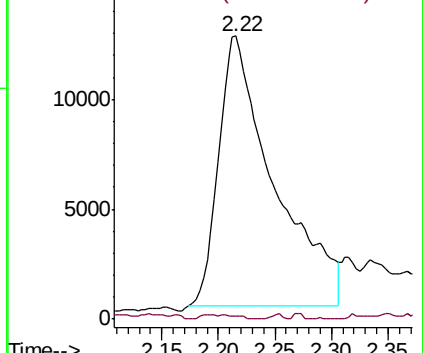
43 100

74 0.1 20.7 31.1#



Abundance Ion 43.05 (42.75 to 43.75): VV013216.D (-335) (-)

Ion 74.05 (73.75 to 74.75): VV013216.D (-335) (-)



#25

Chloroform

Concen: 0.110 ug/L

RT: 4.41 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VV013216.D

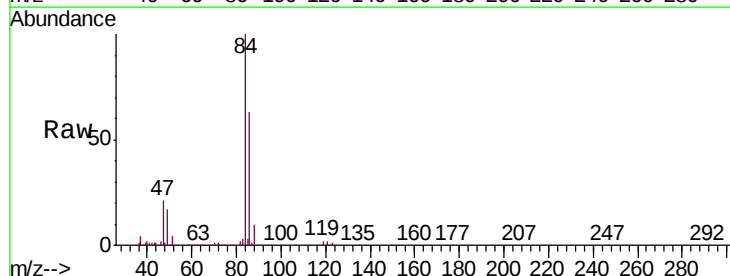
Acq: 18 Oct 2019 21:12

Tgt Ion: 83 Resp: 9486

Ion Ratio Lower Upper

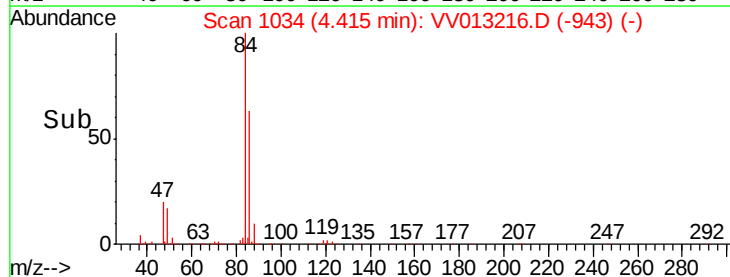
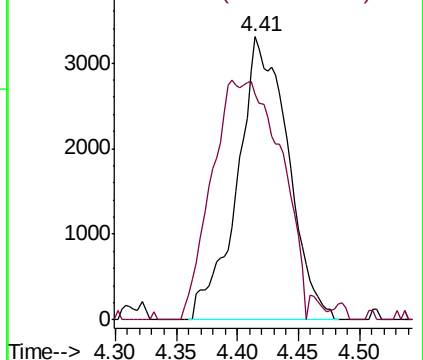
83 100

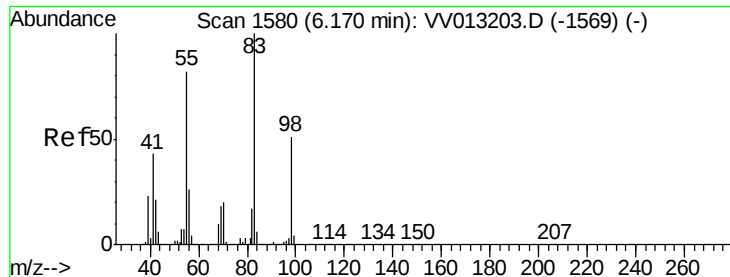
85 79.9 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VV013216.D (-943) (-)

Ion 85.00 (84.70 to 85.70): VV013216.D (-943) (-)

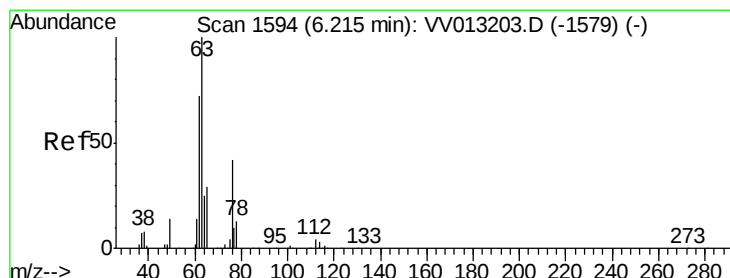
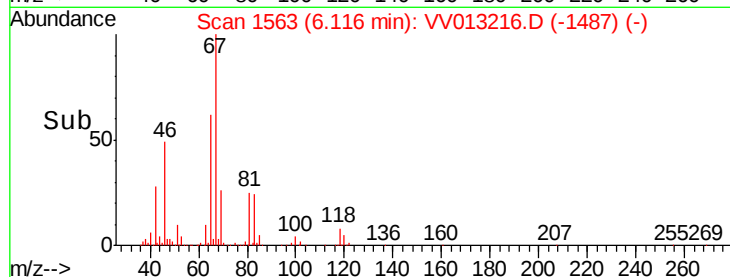
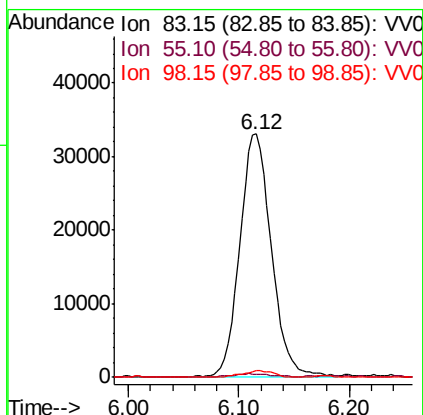
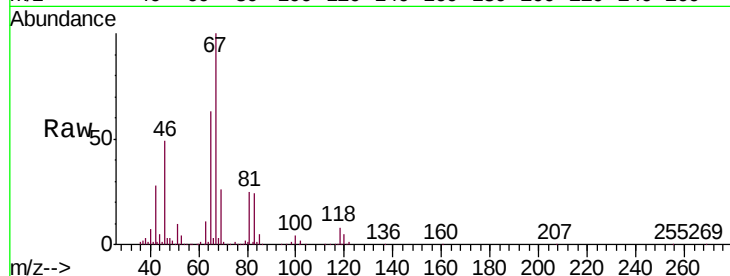




#35
Methylcyclohexane
Concen: 0.904 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013216.D
Acq: 18 Oct 2019 21:12

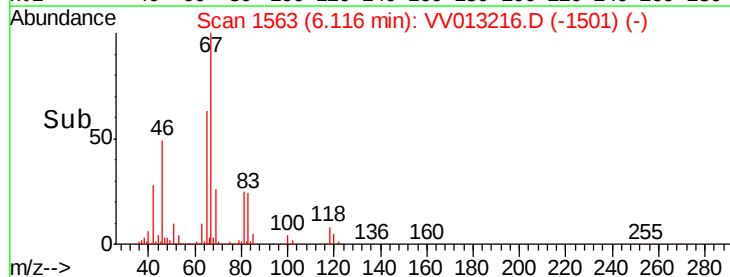
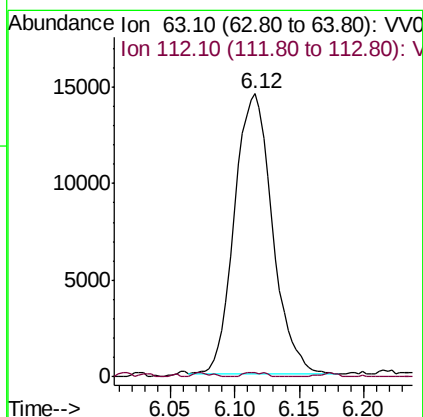
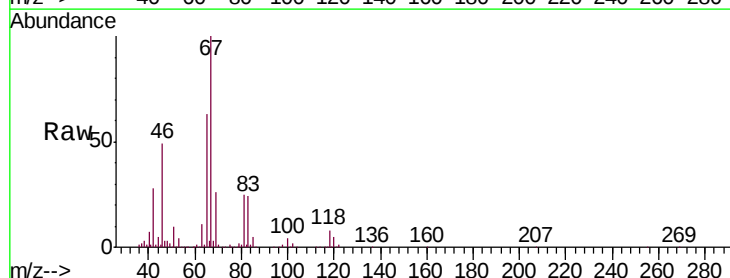
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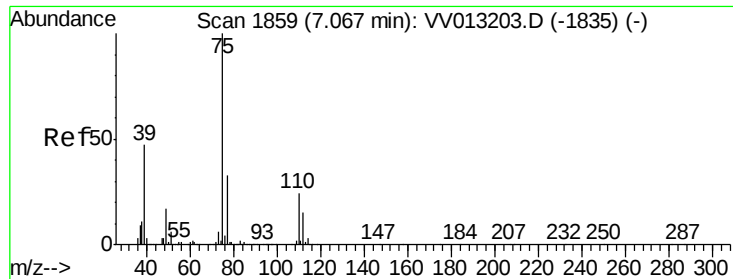
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	64.0	96.0#
98	2.8	38.6	57.8#



#37
1,2-Dichloropropane
Concen: 0.658 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013216.D
Acq: 18 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.8	5.8#

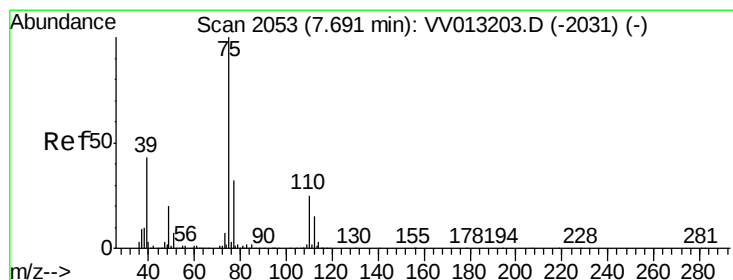
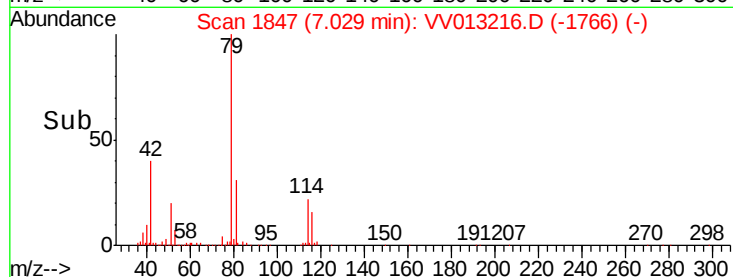
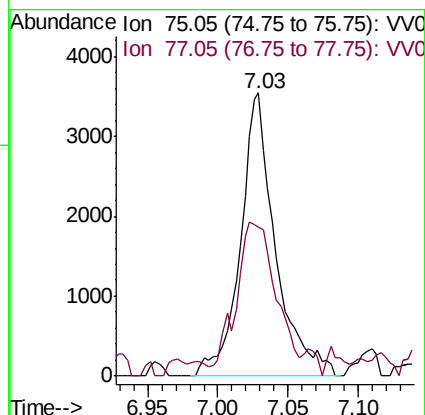
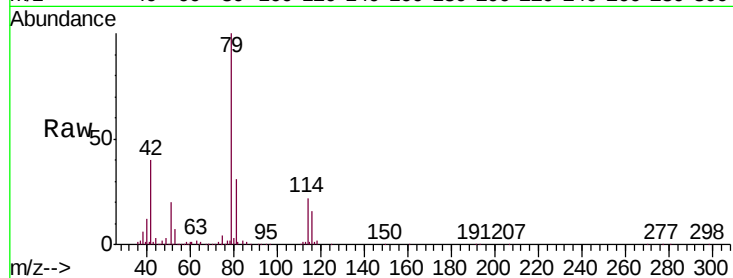




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV013216.D
 Acq: 18 Oct 2019 21:12

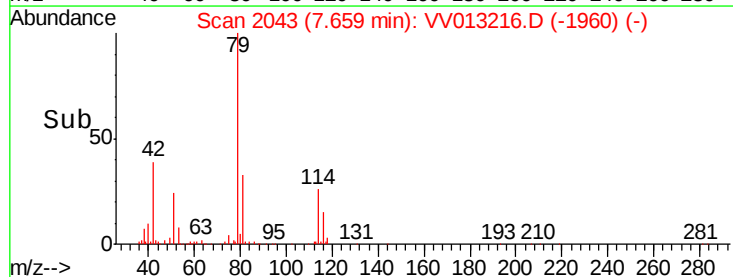
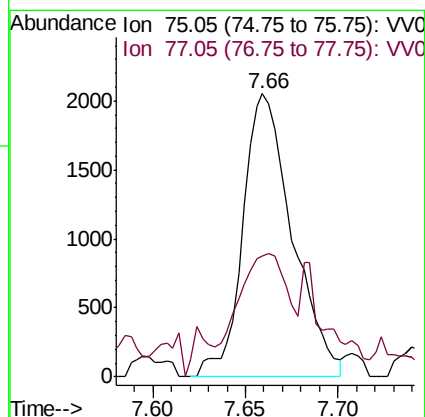
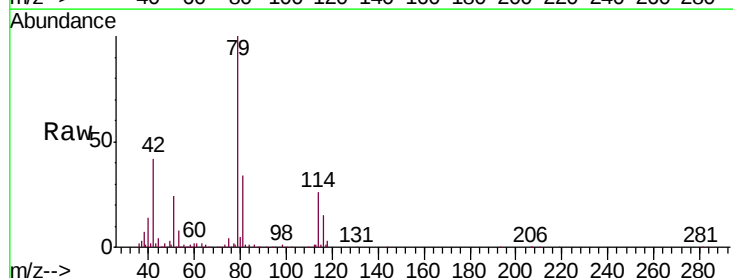
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB7

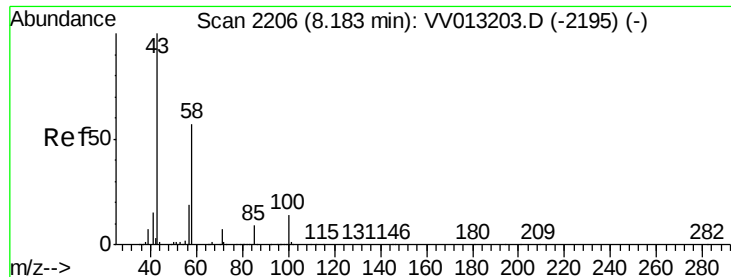
Tgt Ion: 75 Resp: 6155
 Ion Ratio Lower Upper
 75 100
 77 52.5 22.6 42.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV013216.D
 Acq: 18 Oct 2019 21:12

Tgt Ion: 75 Resp: 3822
 Ion Ratio Lower Upper
 75 100
 77 42.8 21.8 40.4#





#48

2-Hexanone

Concen: 3.180 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV013216.D

Acq: 18 Oct 2019 21:12

Instrument :

MSVOA_V

ClientSampleId :

C0AB7

Tgt Ion: 43 Resp: 56154

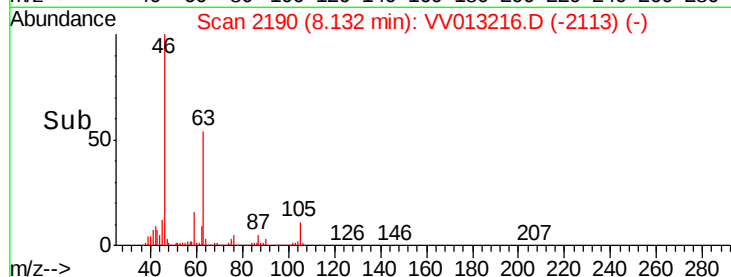
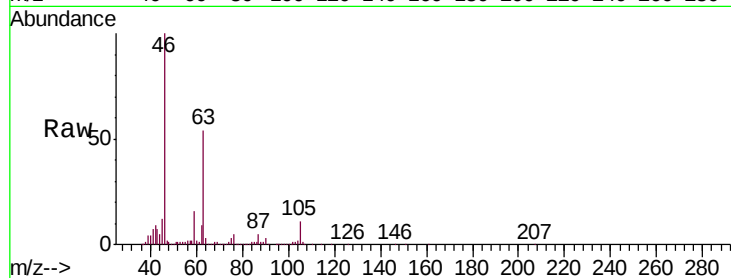
Ion Ratio Lower Upper

43 100

58 44.0 44.2 66.2#

57 32.6 14.5 21.7#

100 3.4 9.5 14.3#



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

