

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
 Data File : VV009167.D
 Acq On : 04 Jan 2019 19:39
 Operator : SY/MD
 Sample : K1050-03
 Misc : 5.96 G/10ML/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W0

Quant Time: Jan 05 05:04:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	203901	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191806	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96959	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27141	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.88%
7) Chloroethane-d5	1.58	69	28386	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
10) 1,1-Dichloroethene-d2	2.13	63	70933	15.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.88%
20) 2-Butanone-d5	3.96	46	33147	33.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.56%
24) Chloroform-d	4.40	84	98201	22.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	5.08	65	57630	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.36%
29) Benzene-d6	5.10	84	196034	22.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.76%
33) 1,2-Dichloropropane-d6	6.12	67	60004	24.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.96%
37) Toluene-d8	7.36	98	179165	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.92%
38) trans-1,3-Dichloropropene-	7.67	79	27270	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.84%
39) 2-Hexanone-d5	8.14	63	20996	36.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59814	22.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	76730	23.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.64%

Target Compounds

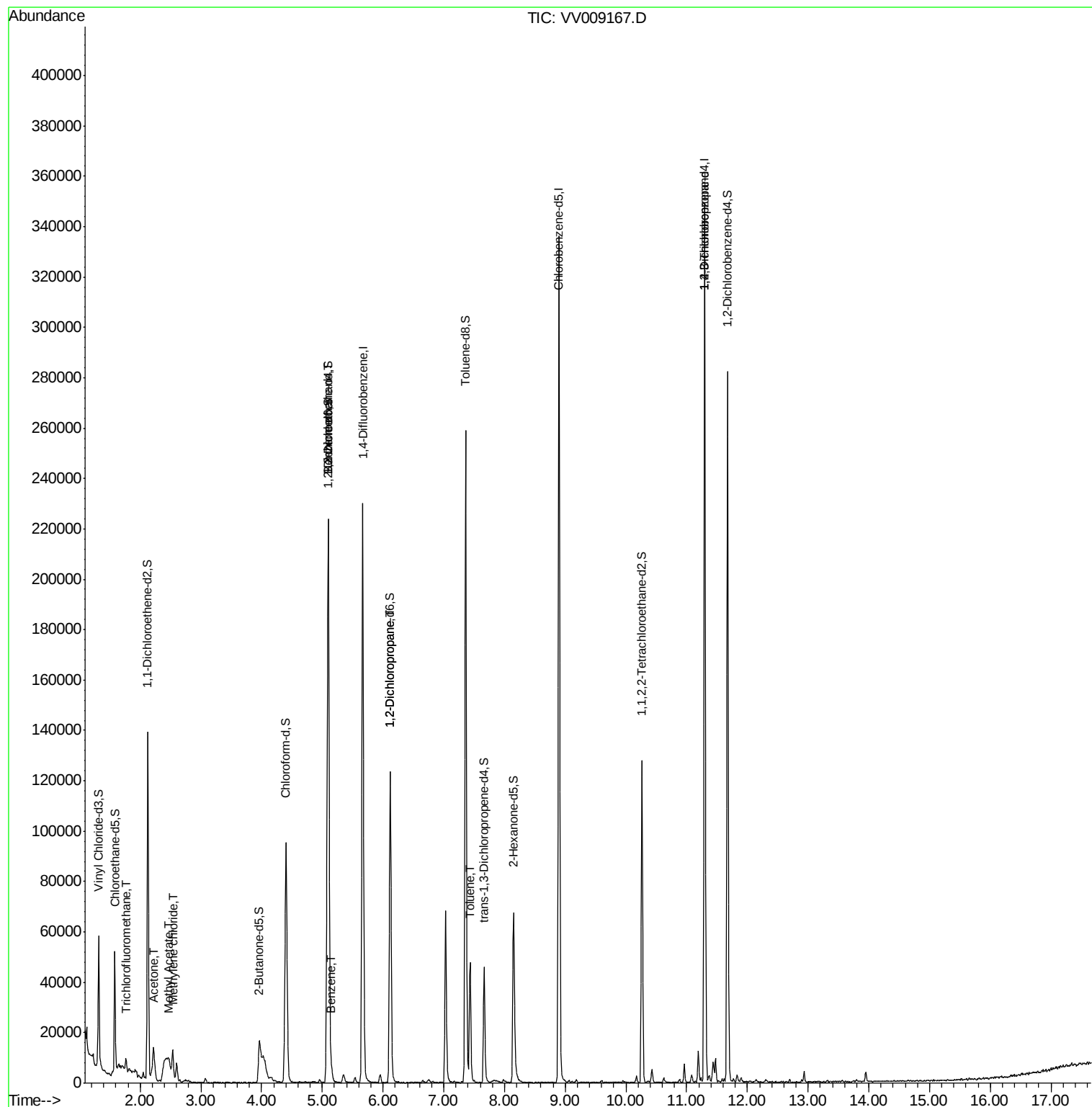
					Qvalue
9) Trichlorofluoromethane	1.77	101	1785	0.410 ug/L	96
13) Acetone	2.22	43	21542	15.492 ug/L	98
15) Methyl Acetate	2.47	43	3943	2.292 ug/L #	82
16) Methylene chloride	2.54	84	4227	1.388 ug/L	86
27) 1,2-Dichloroethane	5.10	62	847	0.267 ug/L #	73
34) Benzene	5.15	78	3474	0.337 ug/L	100
40) 1,2-Dichloropropane	6.12	63	6658	2.679 ug/L #	85
44) Toluene	7.43	91	34468	3.101 ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	9747	4.144 ug/L #	88

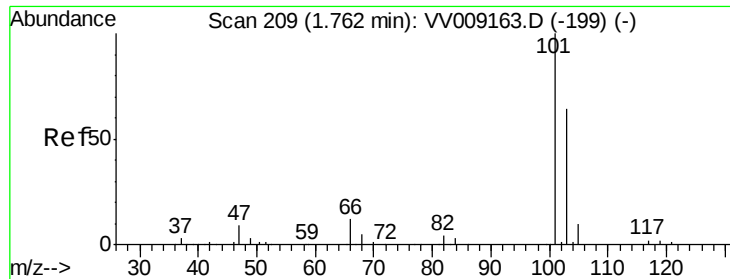
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.410 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV009167.D

Acq: 04 Jan 2019 19:39

Instrument :

MSVOA_V

ClientSampled :

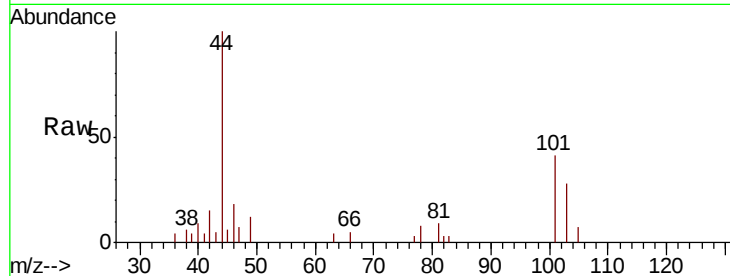
BE9W0

Tgt Ion:101 Resp: 1785

Ion Ratio Lower Upper

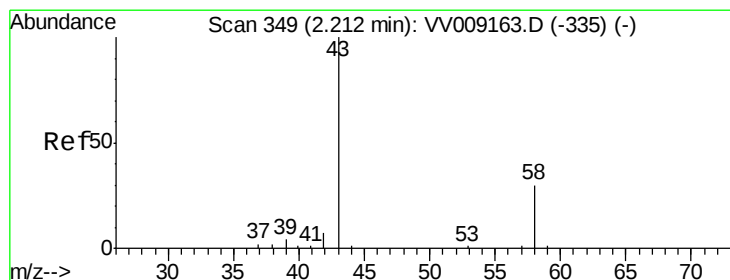
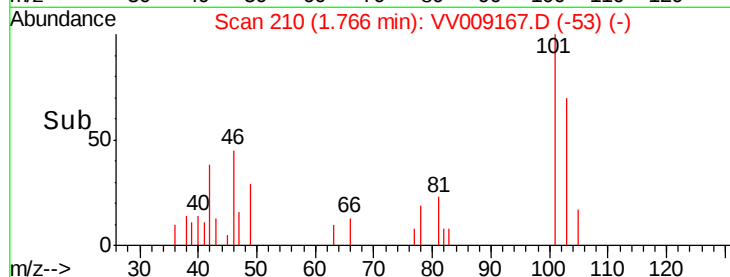
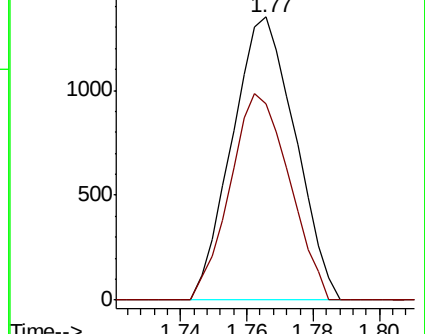
101 100

103 68.7 46.0 85.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 15.492 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV009167.D

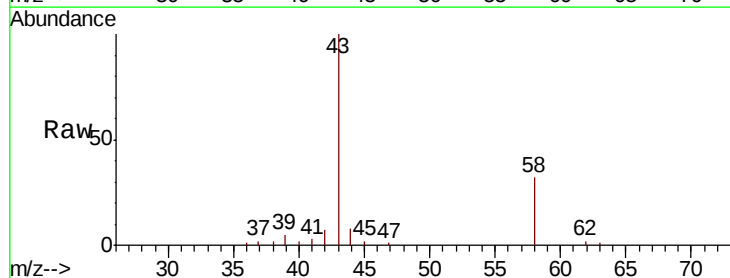
Acq: 04 Jan 2019 19:39

Tgt Ion: 43 Resp: 21542

Ion Ratio Lower Upper

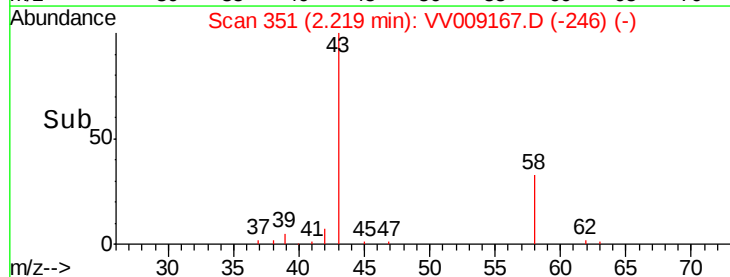
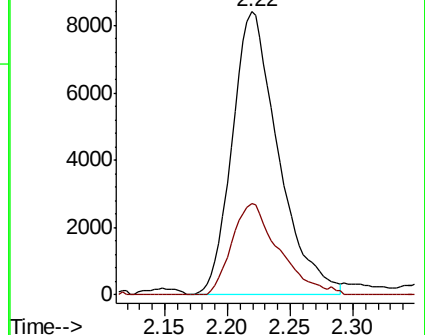
43 100

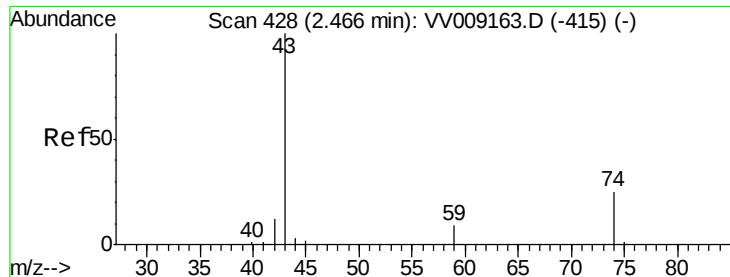
58 32.6 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#15

Methyl Acetate

Concen: 2.292 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VV009167.D

Acq: 04 Jan 2019 19:39

Instrument :

MSVOA_V

ClientSampled :

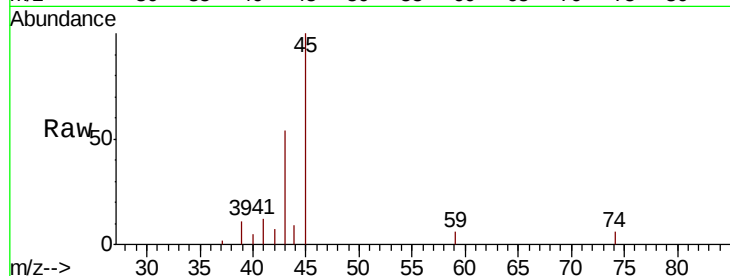
BE9W0

Tgt Ion: 43 Resp: 3943

Ion Ratio Lower Upper

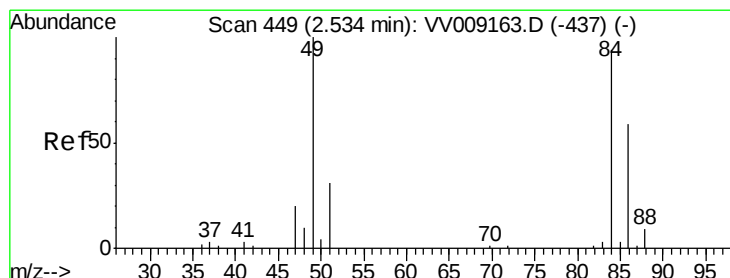
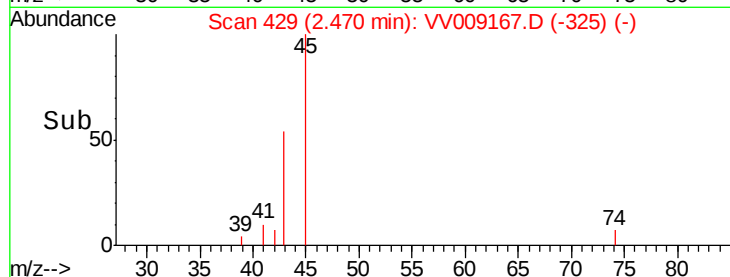
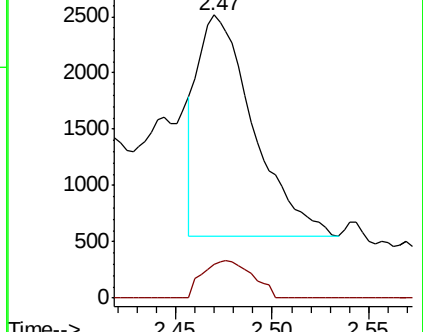
43 100

74 15.1 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VV009167.D (-325) (-)

Ion 74.00 (73.70 to 74.70): VV009167.D (-325) (-)



#16

Methylene chloride

Concen: 1.388 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009167.D

Acq: 04 Jan 2019 19:39

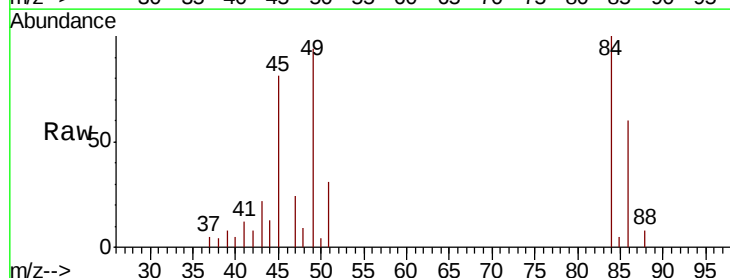
Tgt Ion: 84 Resp: 4227

Ion Ratio Lower Upper

84 100

49 93.6 77.6 144.2

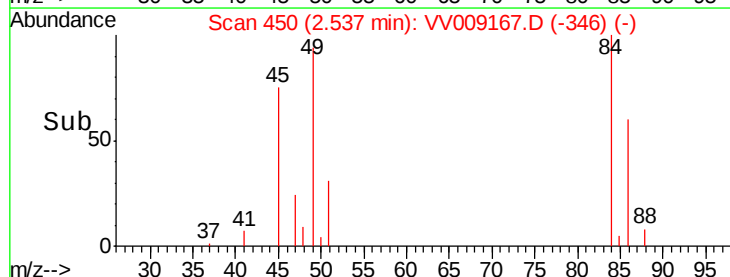
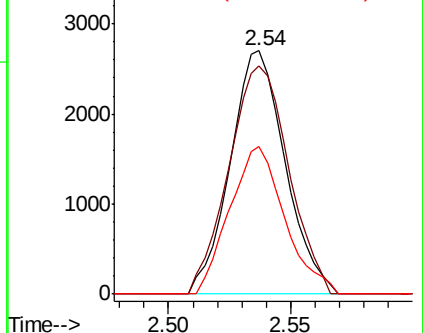
86 60.5 47.4 88.0

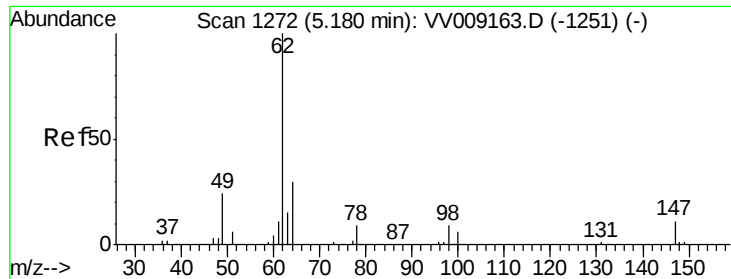


Abundance Ion 84.00 (83.70 to 84.70): VV009167.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009167.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009167.D (-346) (-)

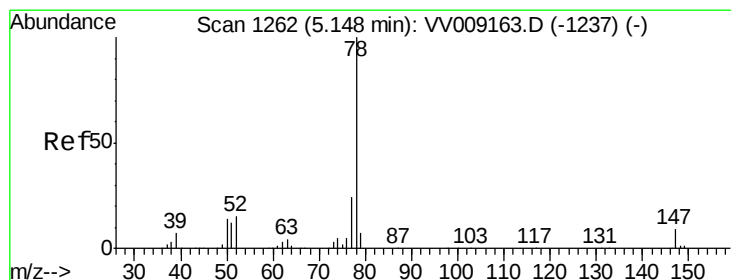
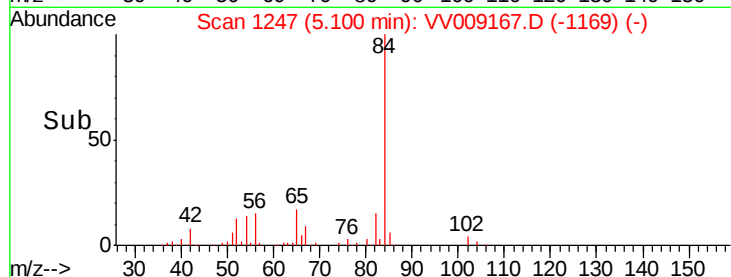
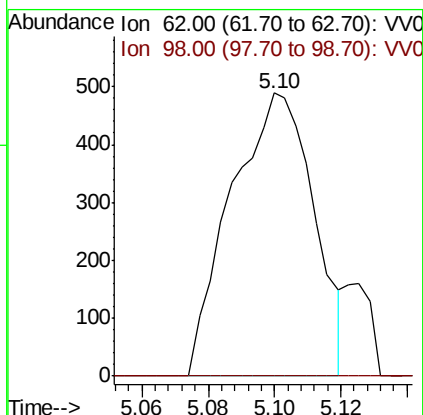
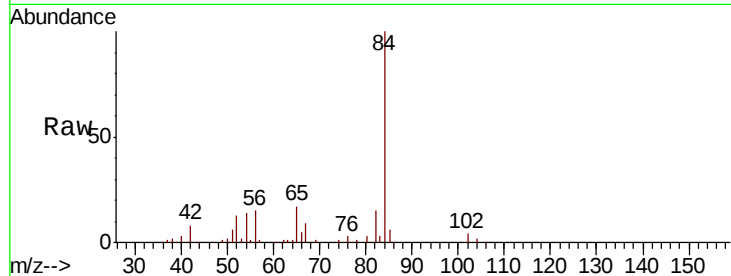




#27
 1,2-Dichloroethane
 Concen: 0.267 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.08 min
 Lab File: VV009167.D
 Acq: 04 Jan 2019 19:39

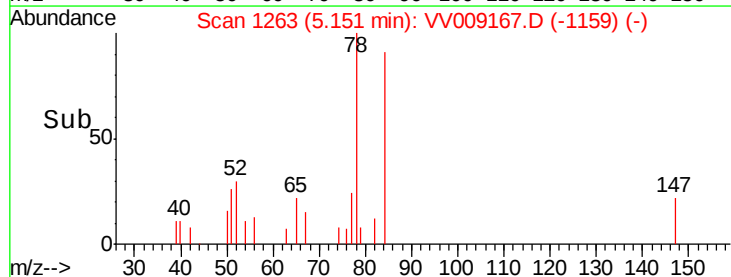
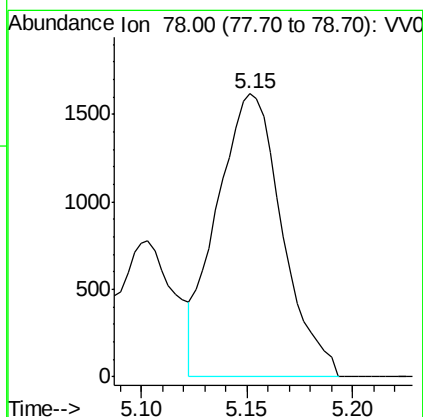
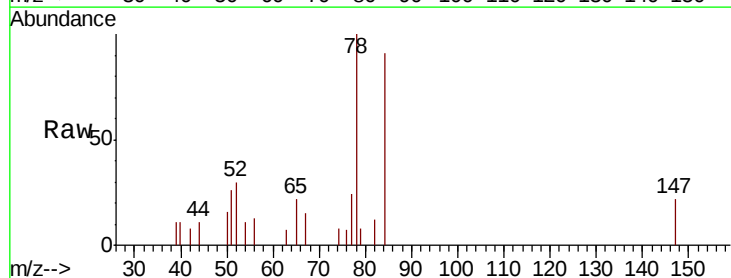
Instrument :
 MSVOA_V
 ClientSampled :
 BE9W0

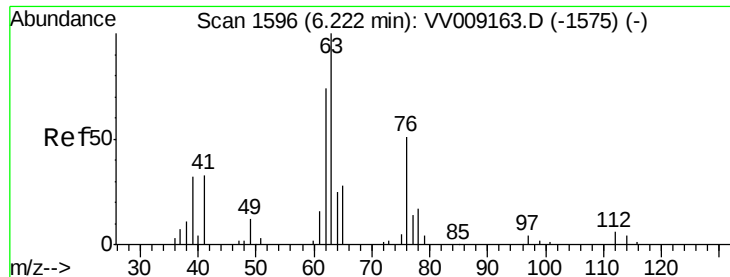
Tgt Ion: 62 Resp: 847
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.1 12.1#



#34
 Benzene
 Concen: 0.337 ug/L
 RT: 5.15 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VV009167.D
 Acq: 04 Jan 2019 19:39

Tgt Ion: 78 Resp: 3474

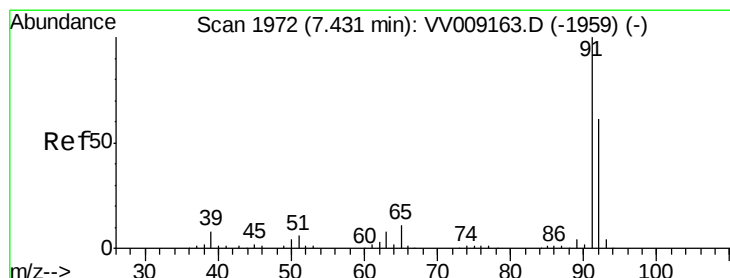
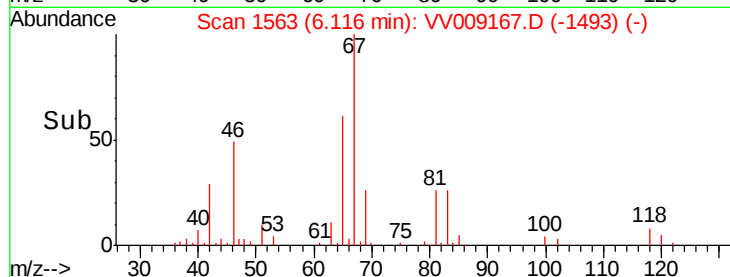
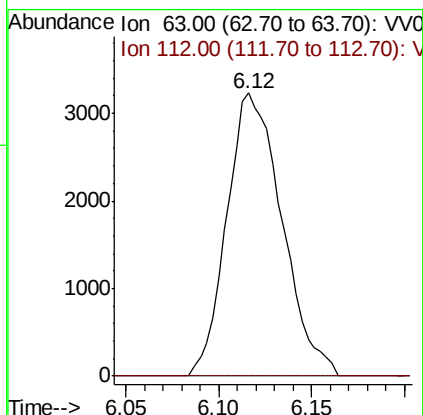
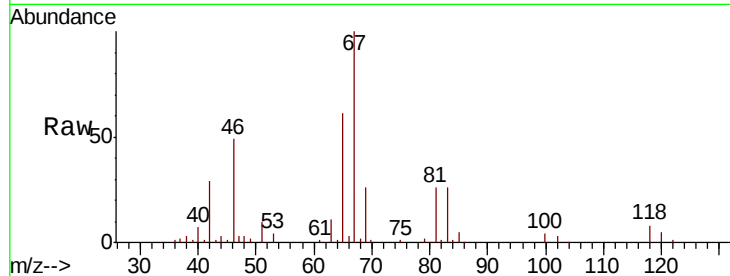




#40
 1,2-Dichloropropane
 Concen: 2.679 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV009167.D
 Acq: 04 Jan 2019 19:39

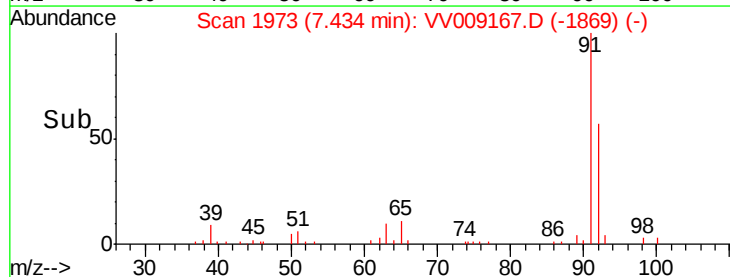
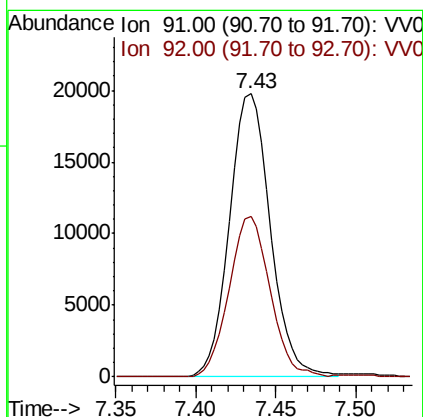
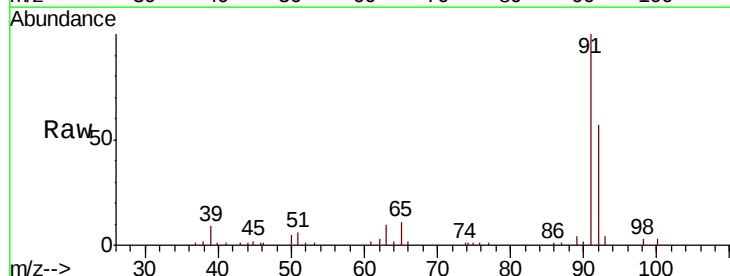
Instrument :
 MSVOA_V
 ClientSampled :
 BE9W0

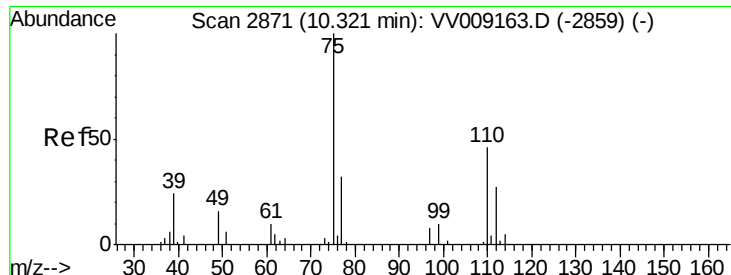
Tgt Ion: 63 Resp: 6658
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#44
 Toluene
 Concen: 3.101 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV009167.D
 Acq: 04 Jan 2019 19:39

Tgt Ion: 91 Resp: 34468
 Ion Ratio Lower Upper
 91 100
 92 56.9 41.7 77.5





#59

1,2,3-Trichloropropane

Concen: 4.144 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009167.D

Acq: 04 Jan 2019 19:39

Instrument :

MSVOA_V

ClientSampleId :

BE9W0

Tgt Ion: 75 Resp: 9747

Ion Ratio Lower Upper

75 100

77 38.0 25.0 37.6#

