

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112618\
 Data File : VV008718.D
 Acq On : 26 Nov 2018 17:24
 Operator : SY/MD
 Sample : VIBLK50
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK50

Manual Integrations
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Quant Time: Nov 27 04:21:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 27 03:11:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	299249	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	266698	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111618	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78674	37.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.54%
7) Chloroethane-d5	1.56	69	32144	27.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.74%#
11) 1,1-Dichloroethene-d2	2.11	63	103812	29.79	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.58%#
21) 2-Butanone-d5	3.94	46	129825m	75.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.45%
24) Chloroform-d	4.40	84	163164	38.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.32%
26) 1,2-Dichloroethane-d4	5.08	65	111720	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.70%
32) Benzene-d6	5.10	84	353974	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.34%
36) 1,2-Dichloropropane-d6	6.12	67	111713	43.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.16%
41) Toluene-d8	7.36	98	310068	41.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.28%
43) trans-1,3-Dichloropropene-	7.66	79	44159	38.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.14%
47) 2-Hexanone-d5	8.14	63	87419	74.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.55%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	132235	37.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.76%
64) 1,2-Dichlorobenzene-d4	11.68	152	106827	43.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.70%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	7883	3.358 ug/L	93
6) Bromomethane	1.52	94	1795	2.335 ug/L	90
51) Chlorobenzene	8.93	112	22805	4.020 ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	2034	0.544 ug/L	89
63) 1,4-Dichlorobenzene	11.32	146	19095	5.009 ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	17335	4.490 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	2549	1.290 ug/L	97

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

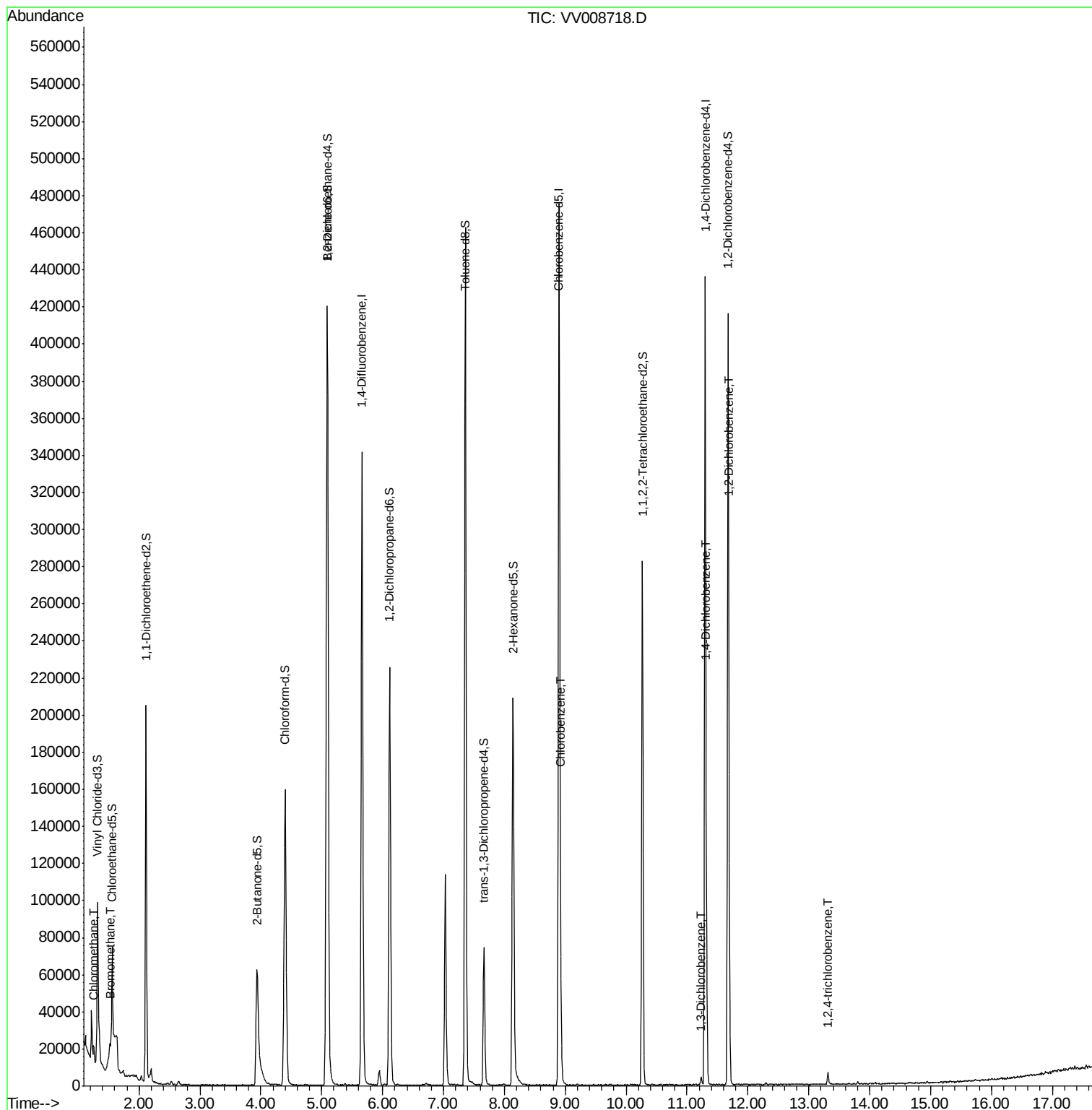
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112618\
Data File : VV008718.D
Acq On : 26 Nov 2018 17:24
Operator : SY/MD
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ALS Vial : 11 Sample Multiplier: 1

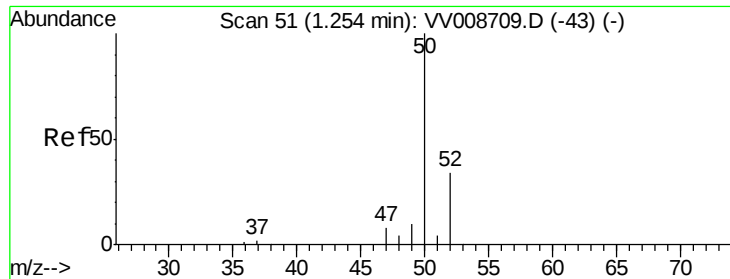
Instrument :
MSVOA_V
ClientSampleId :
VIBLK50

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Quant Time: Nov 27 04:21:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 3.358 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV008718.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_V

ClientSampled :

VIBLK50

Tot Ion: 50 Resp: 7883

Ion Ratio Lower Upper

50 100

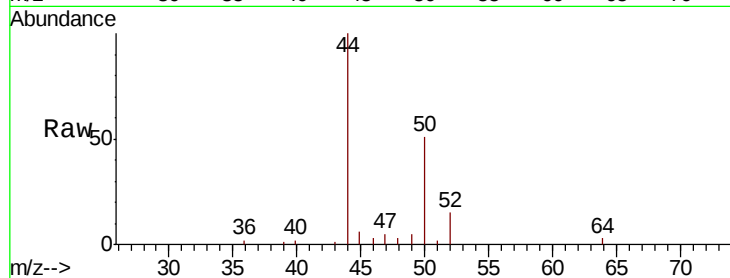
52 30.3 24.1 44.7

Manual Integrations

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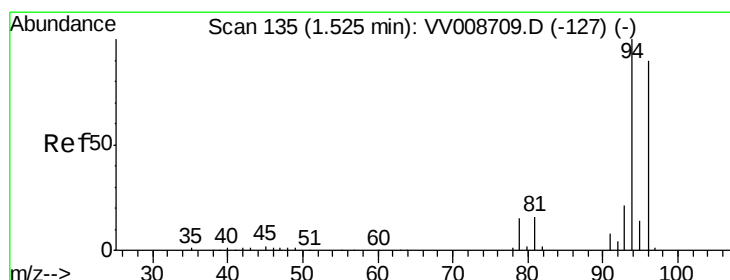
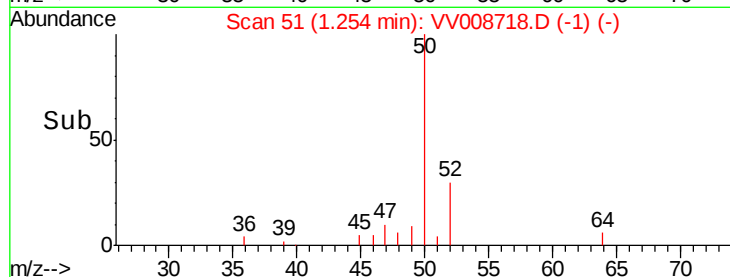
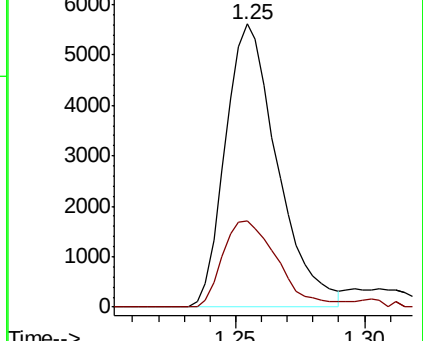
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Abundance Ion 50.00 (49.70 to 50.70): VV008718.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VV008718.D (-1) (-)



#6

Bromomethane

Concen: 2.335 ug/L

RT: 1.52 min Scan# 133

Delta R.T. -0.01 min

Lab File: VV008718.D

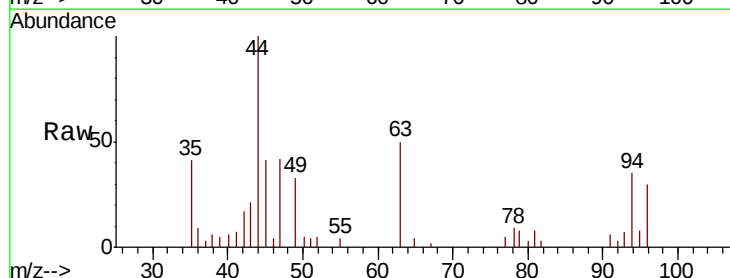
Acq: 26 Nov 2018 17:24

Tgt Ion: 94 Resp: 1795

Ion Ratio Lower Upper

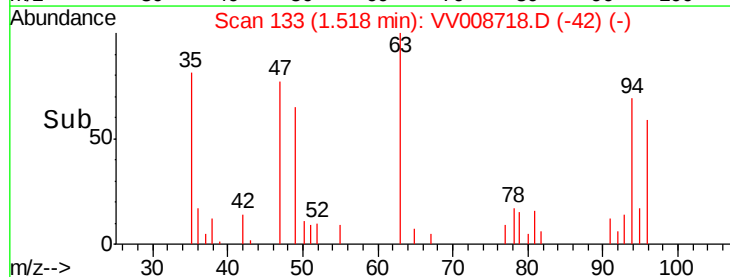
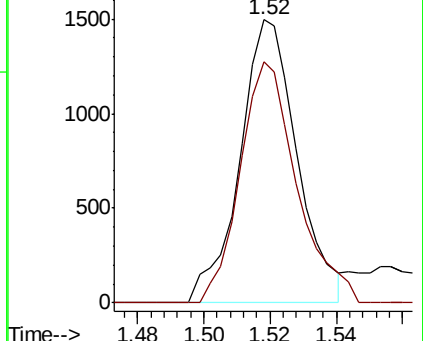
94 100

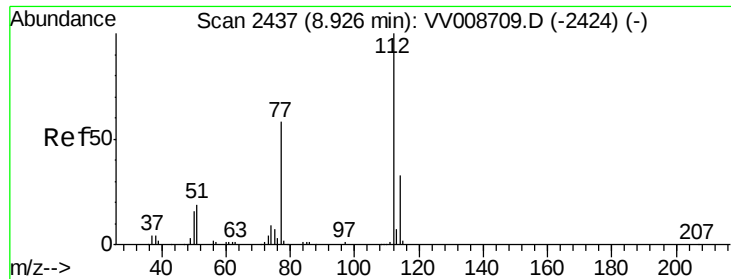
96 85.1 66.6 123.8



Abundance Ion 94.00 (93.70 to 94.70): VV008718.D (-42) (-)

Ion 96.00 (95.70 to 96.70): VV008718.D (-42) (-)





#51

Chlorobenzene

Concen: 4.020 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV008718.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_V

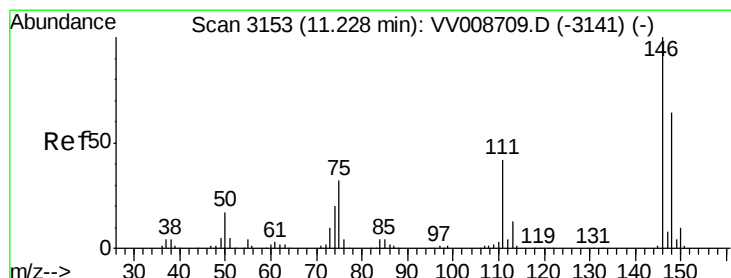
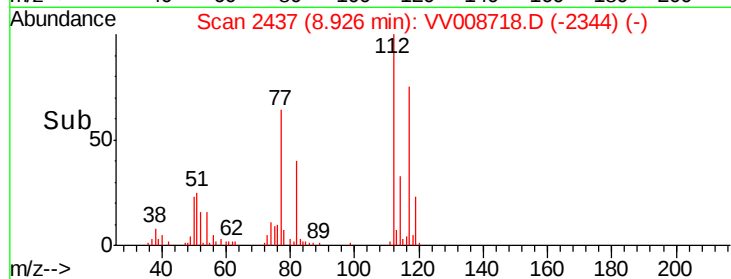
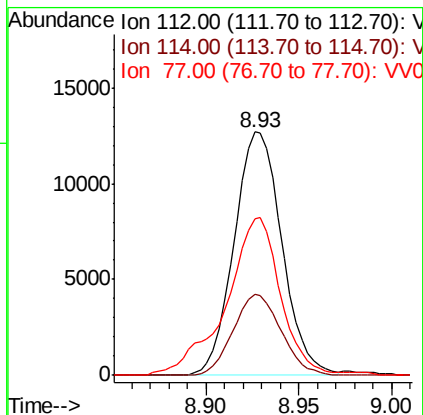
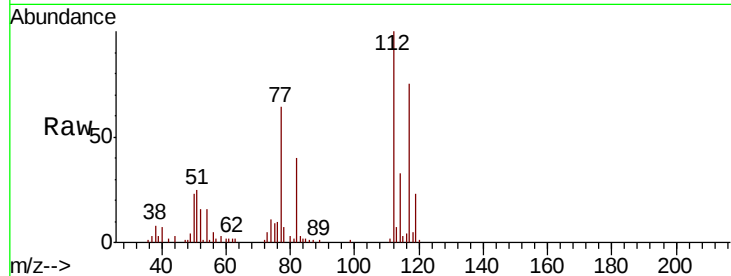
ClientSampleId :

VIBLK50

Tot Ion:	112	Resp:	22805
Ion Ratio	Lower	Upper	
112	100		
114	33.3	22.9	42.5
77	64.1	53.8	80.6

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#62

1,3-Dichlorobenzene

Concen: 0.544 ug/L

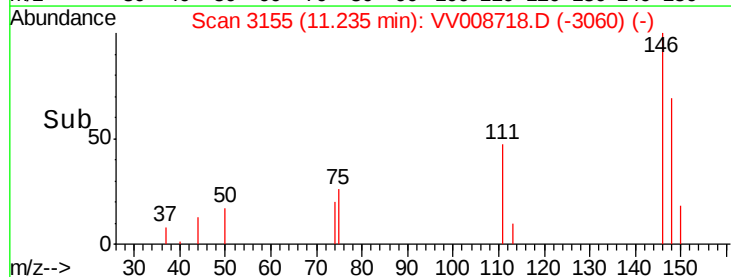
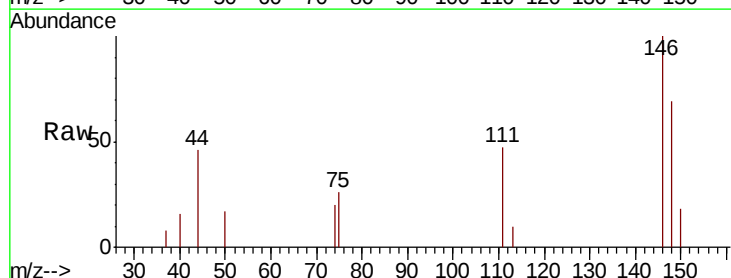
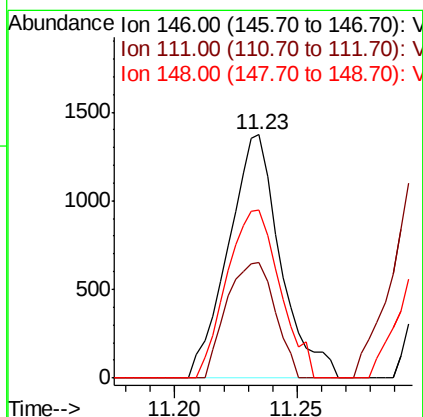
RT: 11.23 min Scan# 3155

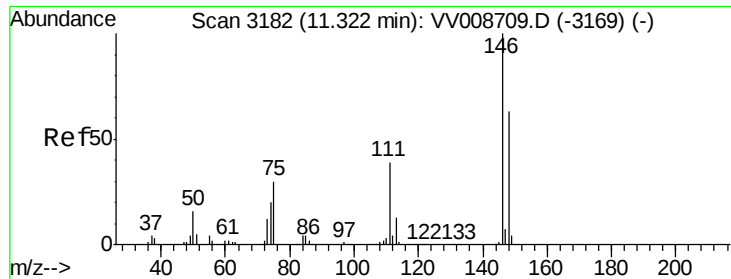
Delta R.T. 0.01 min

Lab File: VV008718.D

Acq: 26 Nov 2018 17:24

Tgt Ion:	146	Resp:	2034
Ion Ratio	Lower	Upper	
146	100		
111	47.5	27.9	51.7
148	69.3	42.7	79.3





#63

1,4-Dichlorobenzene

Concen: 5.009 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VV008718.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_V

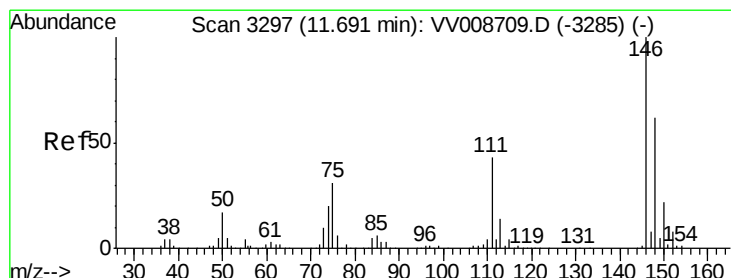
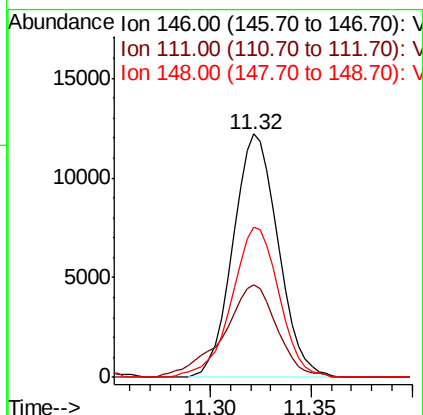
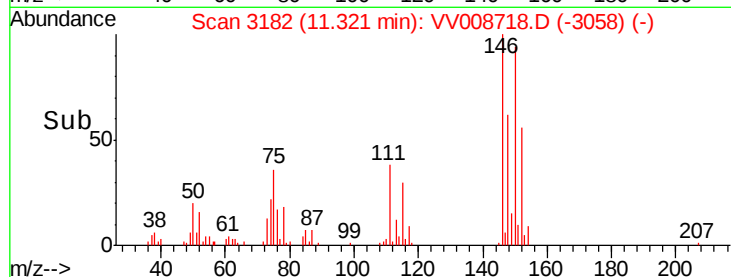
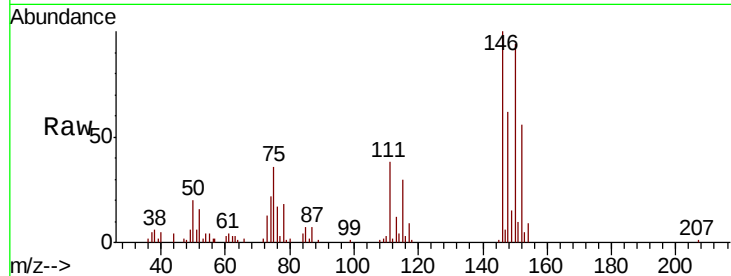
ClientSampleId :

VIBLK50

Tot Ion:	146	Resp:	19095
Ion Ratio	Lower	Upper	
146	100		
111	38.1	27.7	51.5
148	61.9	46.4	86.2

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#65

1,2-Dichlorobenzene

Concen: 4.490 ug/L

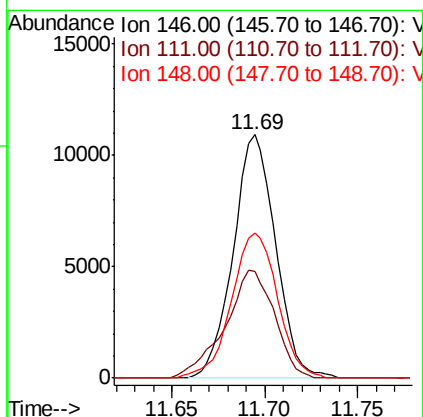
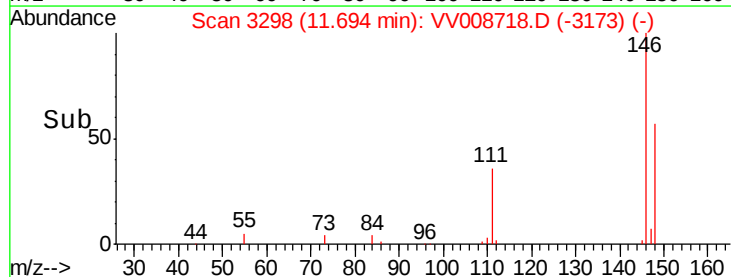
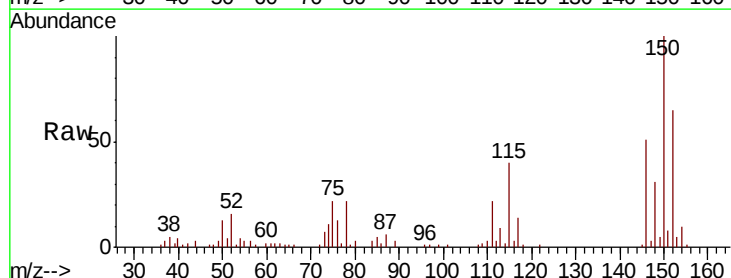
RT: 11.69 min Scan# 3298

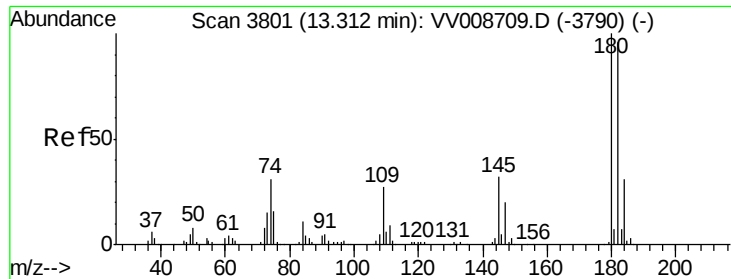
Delta R.T. 0.00 min

Lab File: VV008718.D

Acq: 26 Nov 2018 17:24

Tgt Ion:	146	Resp:	17335
Ion Ratio	Lower	Upper	
146	100		
111	43.6	36.5	54.7
148	59.8	48.7	73.1





#68
 1,2,4-trichlorobenzene
 Concen: 1.290 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV008718.D
 Acq: 26 Nov 2018 17:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK50

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.7	113.5
145	30.8	28.0	42.0

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