

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013625.D
 Acq On : 14 Nov 2019 17:16
 Operator : SY/MD
 Sample : K5856-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQH3

Manual Integrations
 APPROVED

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 11/15/2019 9:38:18 AM

Quant Time: Nov 15 12:11:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 03:01:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	334953	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	348618	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	151933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108740	5.06	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	95758	5.58	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.13	63	141061	3.83	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.96	46	253088	65.69	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.38%#
24) Chloroform-d	4.40	84	222226	6.02	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.40%
26) 1,2-Dichloroethane-d4	5.08	65	109841	6.10	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.00%
32) Benzene-d6	5.10	84	430045	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.11	67	134437	4.66	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	358400	4.21	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.66	79	48921	4.56	ug/L	-0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.14	63	191055	44.67	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92977	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	149008	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	10544m	4.232	ug/L	
38) Bromodichloromethane	6.55	83	4466	0.124	ug/L #	83
42) Toluene	7.43	91	24300	0.220	ug/L	94
51) Chlorobenzene	8.92	112	13405	0.185	ug/L	96
63) 1,4-Dichlorobenzene	11.31	146	24570	0.489	ug/L	97

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

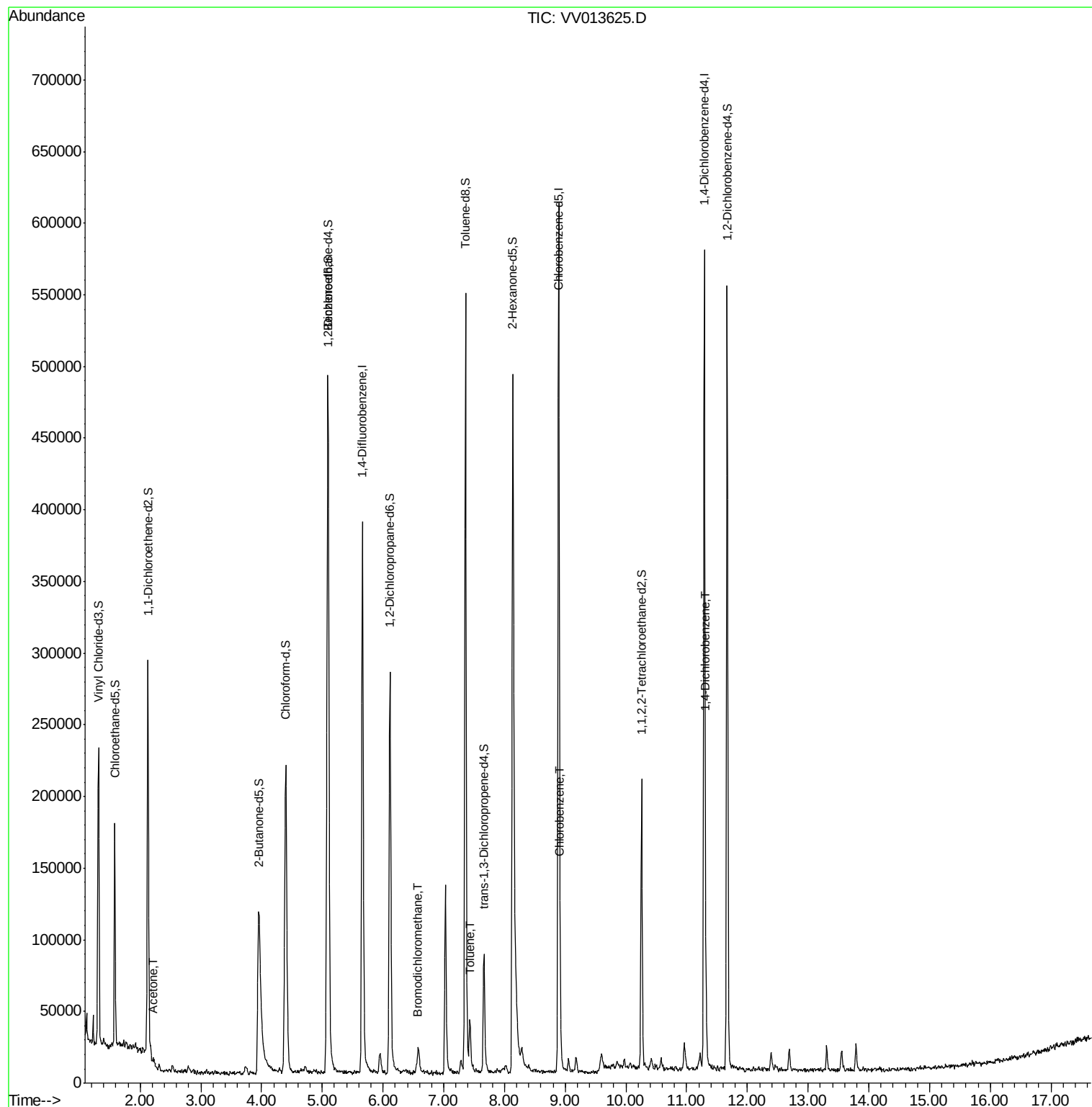
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV111419\
Data File : VV013625.D
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Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

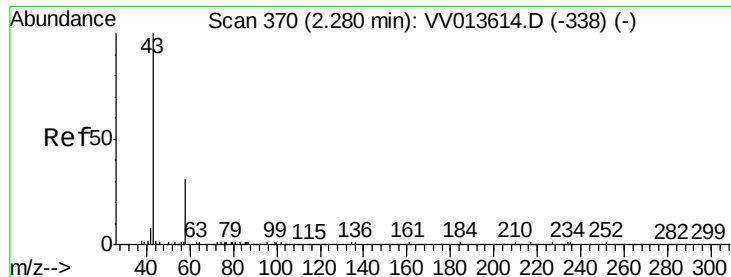
Instrument :
MSVOA_V
ClientSampleId :
GAQH3

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Quant Time: Nov 15 12:11:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 03:01:32 2019
Response via : Initial Calibration





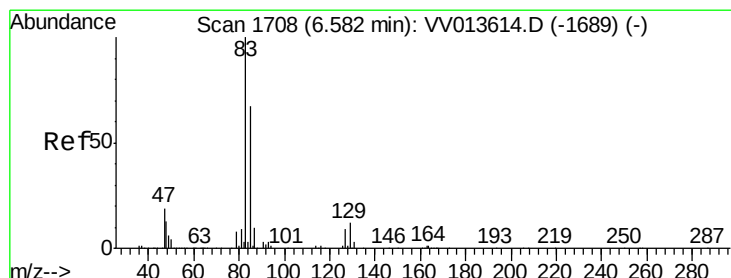
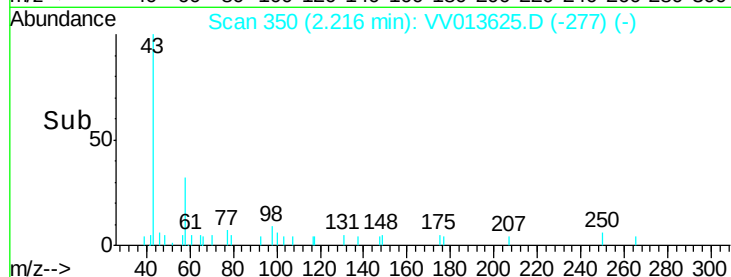
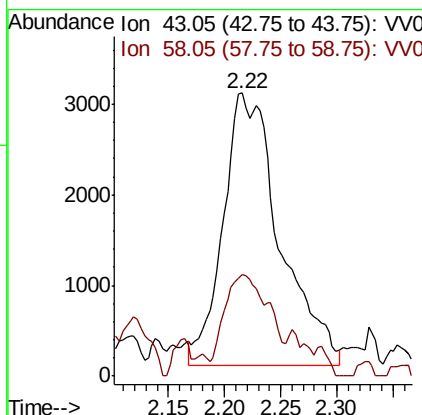
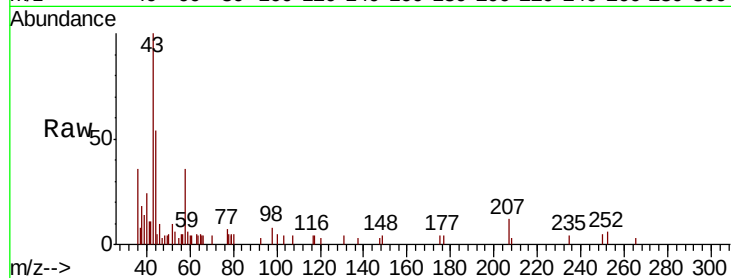
#13
Acetone
Concen: 4.232 ug/L m
RT: 2.22 min Scan# 350
Delta R.T. -0.06 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Instrument :
MSVOA_V
ClientSampleId :
GAQH3

Tot Ion	Ratio	Lower	Upper
43	100		
58	1.3	0.0	28.8

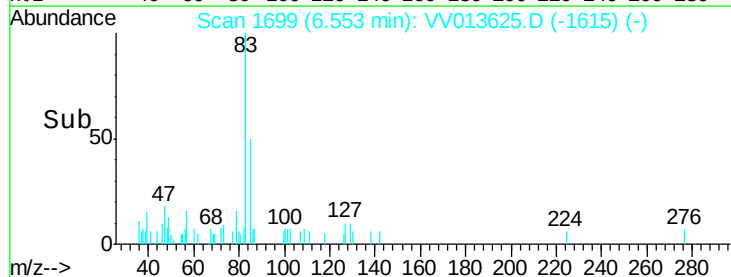
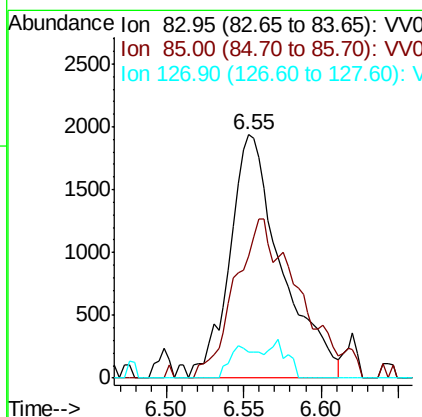
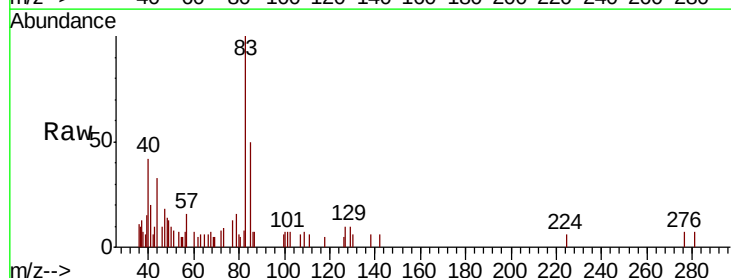
Manual Integrations
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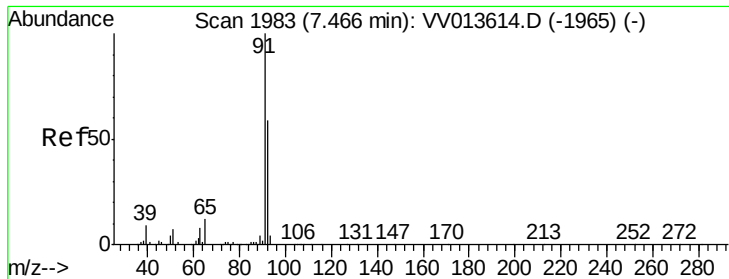
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#38
Bromodichloromethane
Concen: 0.124 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. -0.03 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	50.0	45.5	84.5
127	10.5	6.8	10.2





#42

Toluene

Concen: 0.220 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.04 min

Lab File: VV013625.D

Acq: 14 Nov 2019 17:16

Instrument :

MSVOA_V

ClientSampleId :

GAQH3

Tot Ion: 91 Resp: 24300

Ion Ratio Lower Upper

91 100

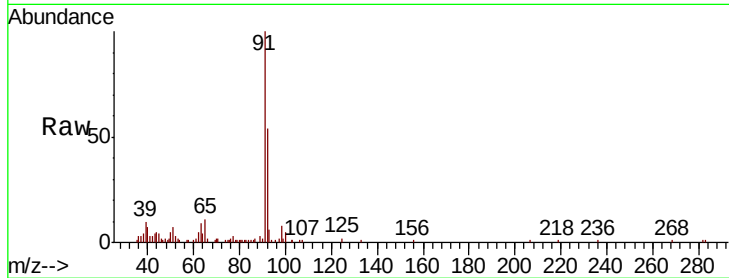
92 53.9 40.7 75.7

Manual Integrations

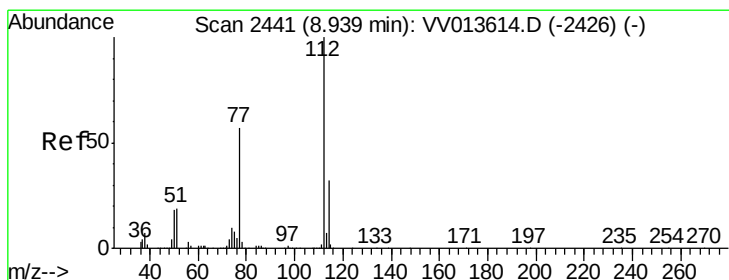
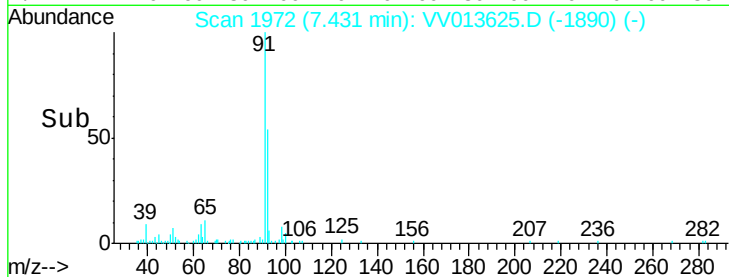
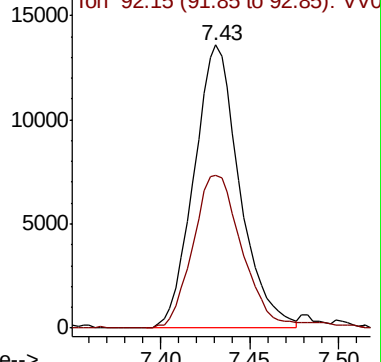
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Abundance Ion 91.15 (90.85 to 91.85): VV013614.D (-1965) (-)



#51

Chlorobenzene

Concen: 0.185 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.02 min

Lab File: VV013625.D

Acq: 14 Nov 2019 17:16

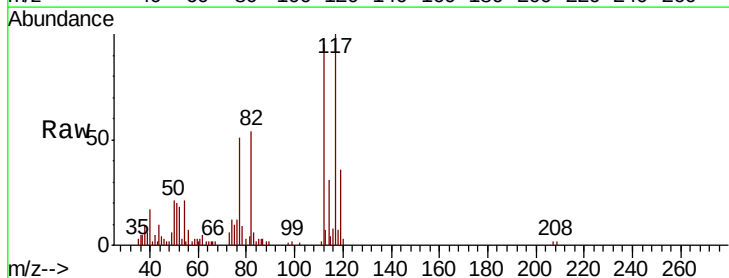
Tgt Ion: 112 Resp: 13405

Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.5

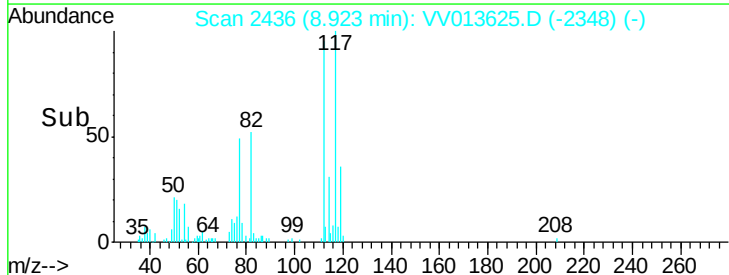
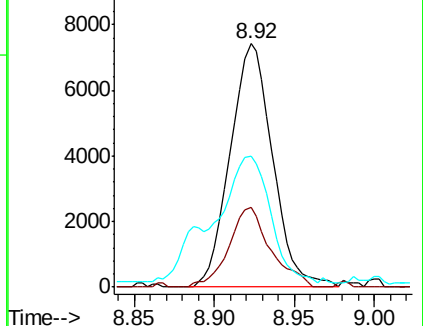
77 53.8 46.0 69.0

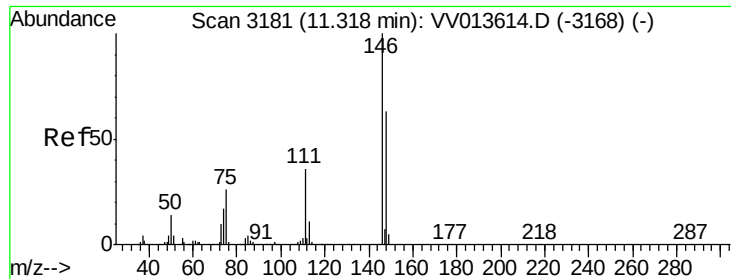


Abundance Ion 112.10 (111.80 to 112.80): VV013614.D (-2426) (-)

Ion 114.05 (113.75 to 114.75): VV013614.D (-2426) (-)

Ion 77.10 (76.80 to 77.80): VV013614.D (-2426) (-)





#63
 1,4-Dichlorobenzene
 Concen: 0.489 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: VV013625.D
 Acq: 14 Nov 2019 17:16

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQH3

Tot Ion:	146	Resp:	24570
Ion Ratio	Lower	Upper	
146	100		
111	32.2	24.7	45.9
148	61.2	43.8	81.3

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