

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009875.D
 Acq On : 25 Mar 2019 21:10
 Operator : SY/MD
 Sample : K2016-10DL 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0987DL

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 11:09:55 AM

Quant Time: Mar 26 08:21:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:13:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	177182	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177653	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88043	48.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.34%
7) Chloroethane-d5	1.56	69	98172	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.46%
11) 1,1-Dichloroethene-d2	2.13	63	188788	35.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.80%
21) 2-Butanone-d5	3.93	46	80653	99.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.88%
24) Chloroform-d	4.40	84	114071	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	5.08	65	79795	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
32) Benzene-d6	5.10	84	244556	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.44%
36) 1,2-Dichloropropane-d6	6.12	67	74996	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.84%
41) Toluene-d8	7.36	98	227000	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%
43) trans-1,3-Dichloropropene-	7.66	79	29239	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.06%
47) 2-Hexanone-d5	8.13	63	58993	96.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.75%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103173	42.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	82899	48.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.74%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.42	83	5196m	2.070	ug/L	
33) Benzene	5.15	78	135711	26.166	ug/L	100
51) Chlorobenzene	8.93	112	506290	128.851	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	13649	5.386	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	130951	49.283	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	171799	64.167	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	13445	9.759	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	3900	2.798	ug/L	93

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

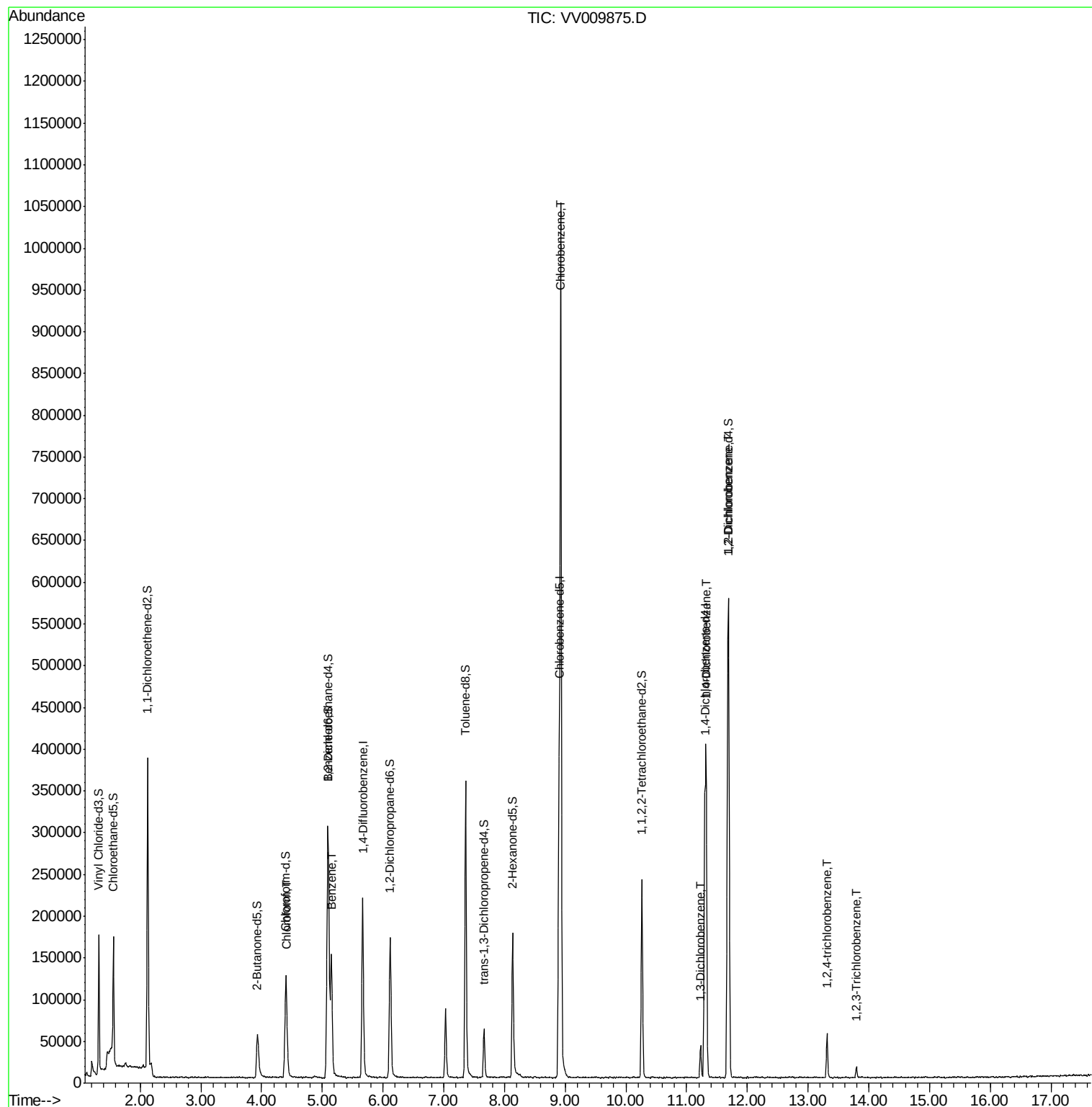
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032519\
Data File : VV009875.D
Acq On : 25 Mar 2019 21:10
Operator : SY/MD
Sample : K2016-10DL 400X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

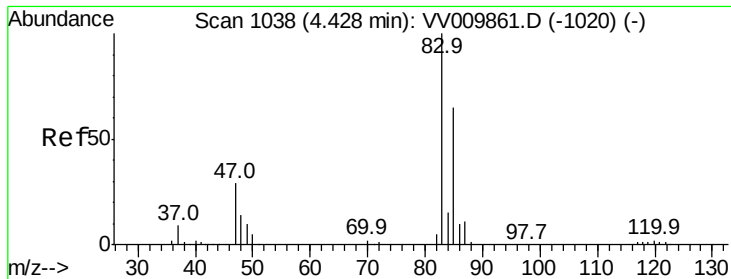
Instrument :
MSVOA_V
ClientSampleId :
C0987DL

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Quant Time: Mar 26 08:21:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:13:38 2019
Response via : Initial Calibration





#25

Chloroform

Concen: 2.070 ug/L m

RT: 4.42 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VV009875.D

Acq: 25 Mar 2019 21:10

Instrument :

MSVOA_V

ClientSampleId :

C0987DL

Tot Ion: 83 Resp: 5196

Ion Ratio Lower Upper

83 100

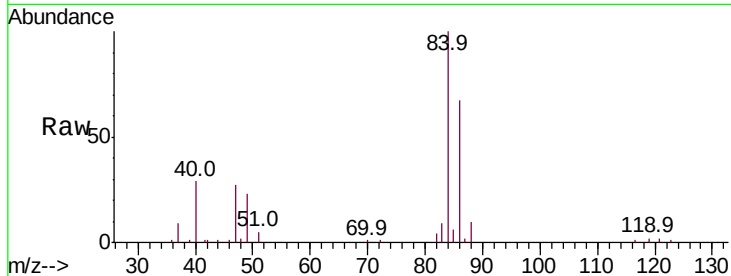
85 66.5 44.7 82.9

Manual Integrations

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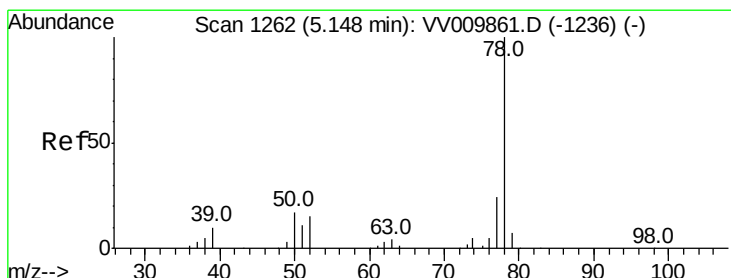
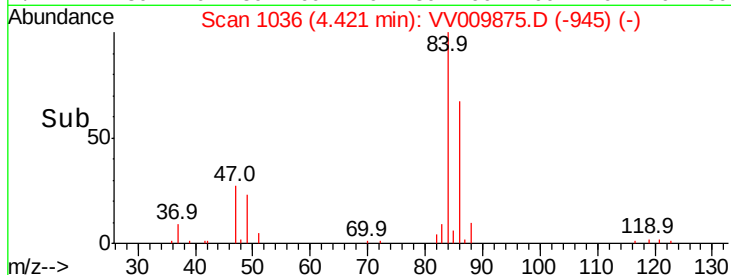
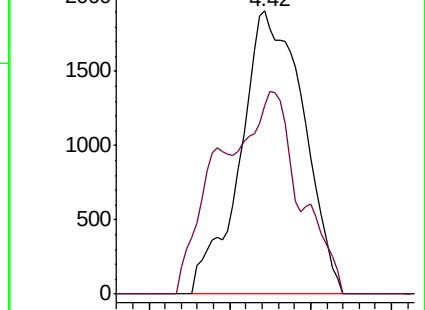
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Abundance Ion 83.00 (82.70 to 83.70): VV009861.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV009861.D (-1020) (-)



#33

Benzene

Concen: 26.166 ug/L

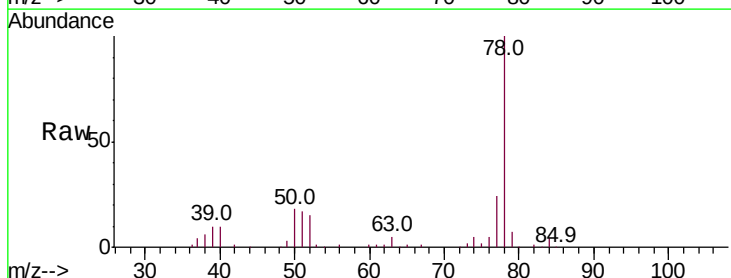
RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

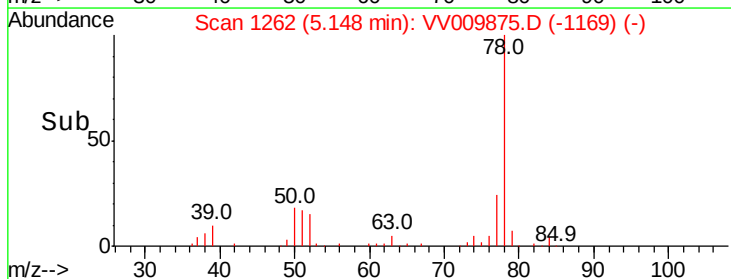
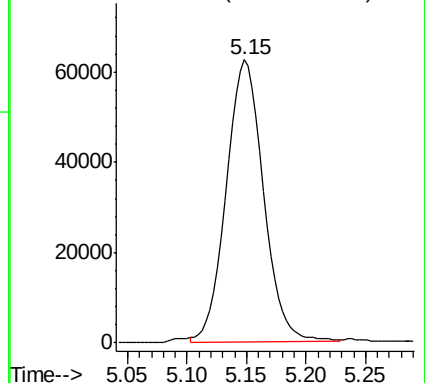
Lab File: VV009875.D

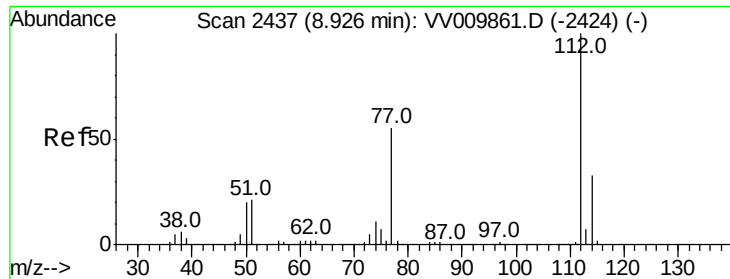
Acq: 25 Mar 2019 21:10

Tgt Ion: 78 Resp: 135711



Abundance Ion 78.00 (77.70 to 78.70): VV009861.D (-1236) (-)





#51

Chlorobenzene

Concen: 128.851 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV009875.D

Acq: 25 Mar 2019 21:10

Instrument :

MSVOA_V

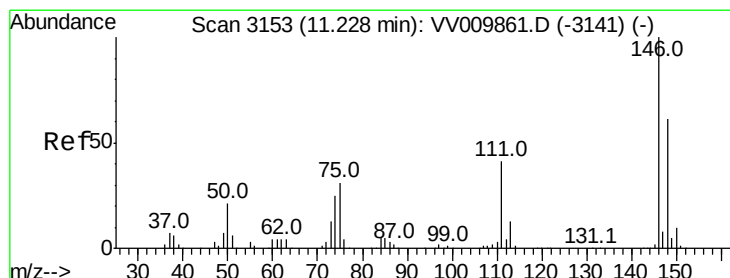
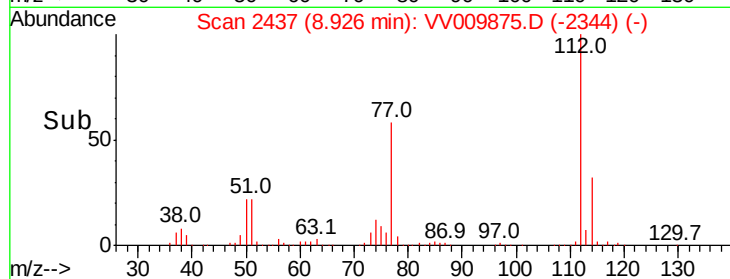
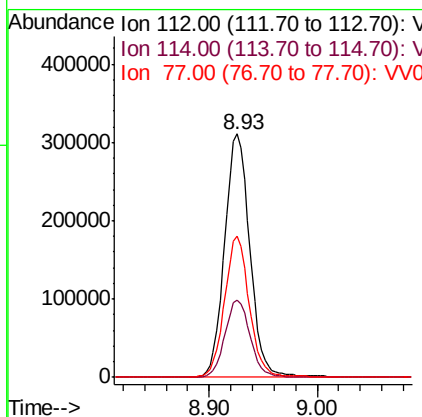
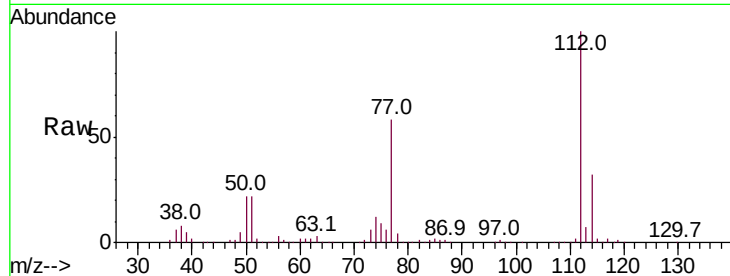
ClientSampleId :

C0987DL

Tot Ion:	112	Resp:	506290
Ion Ratio	Lower	Upper	
112	100		
114	31.7	23.3	43.3
77	57.8	45.8	68.6

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#62

1,3-Dichlorobenzene

Concen: 5.386 ug/L

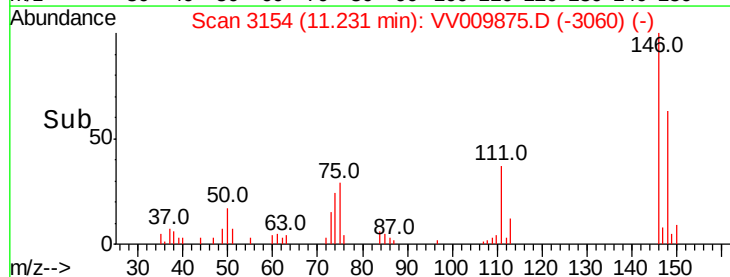
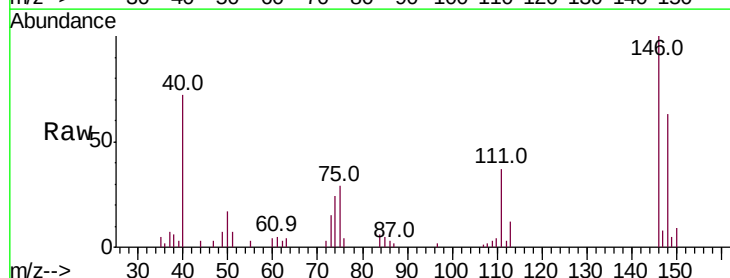
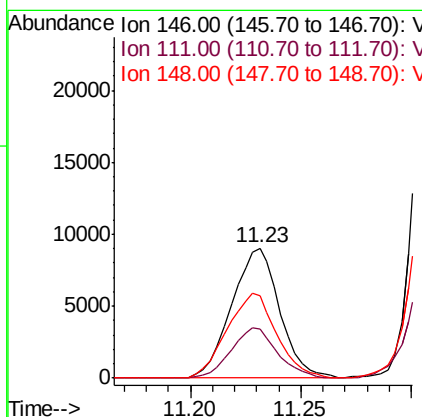
RT: 11.23 min Scan# 3154

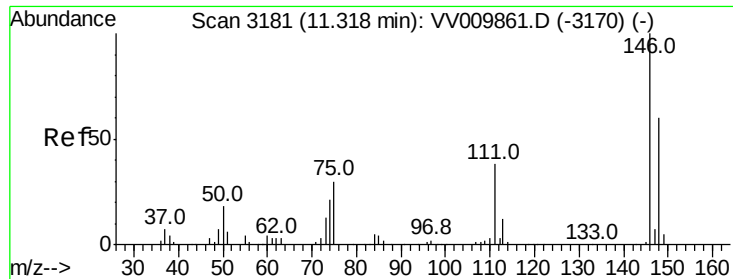
Delta R.T. 0.00 min

Lab File: VV009875.D

Acq: 25 Mar 2019 21:10

Tgt Ion:	146	Resp:	13649
Ion Ratio	Lower	Upper	
146	100		
111	37.4	27.5	51.1
148	63.3	43.0	80.0





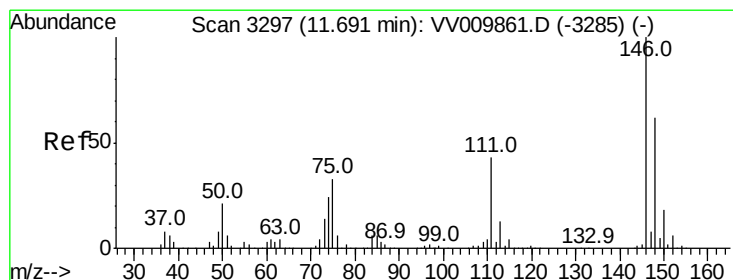
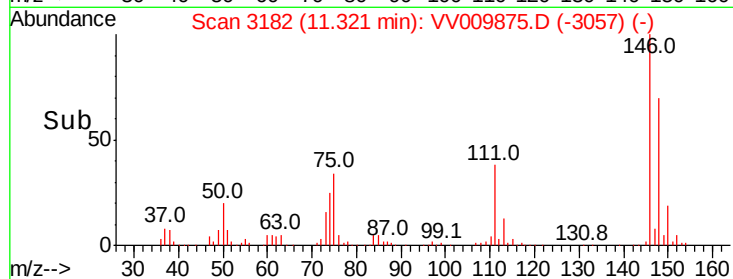
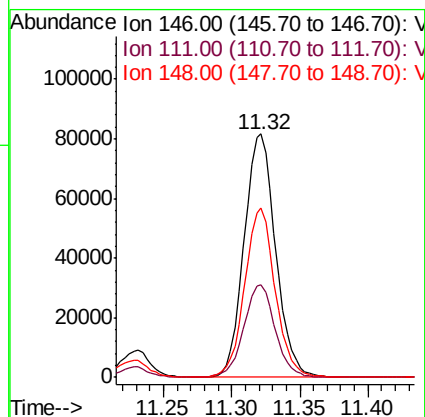
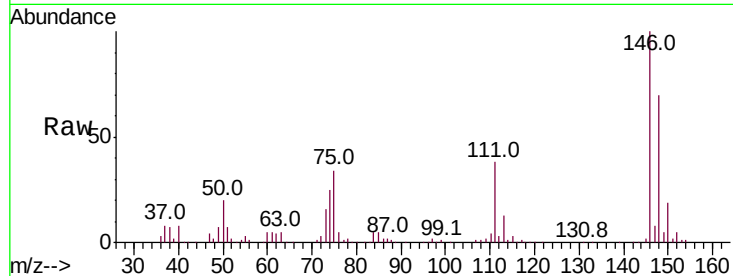
#63
1,4-Dichlorobenzene
Concen: 49.283 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV009875.D
Acq: 25 Mar 2019 21:10

Instrument :
MSVOA_V
ClientSampled :
C0987DL

Tot Ion	Ratio	Resp	Lower	Upper
146	100	130951		
111	37.9	26.5	49.3	
148	69.6	43.2	80.2	

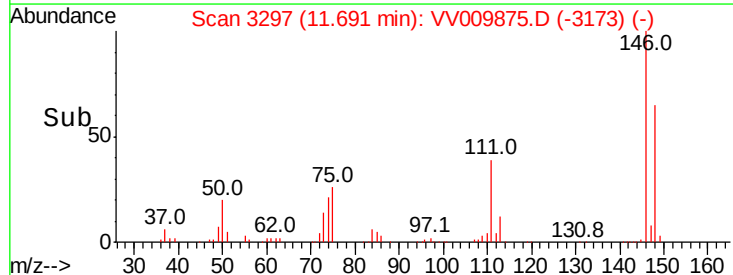
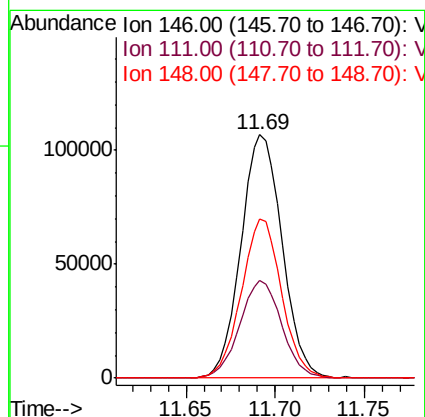
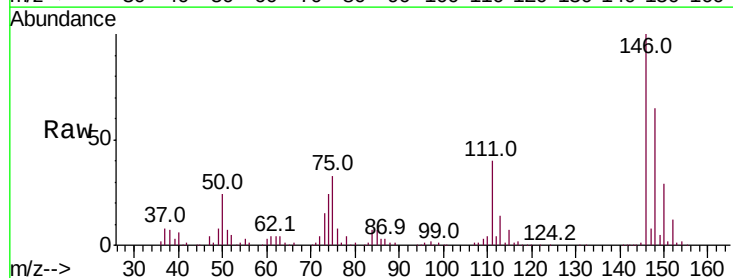
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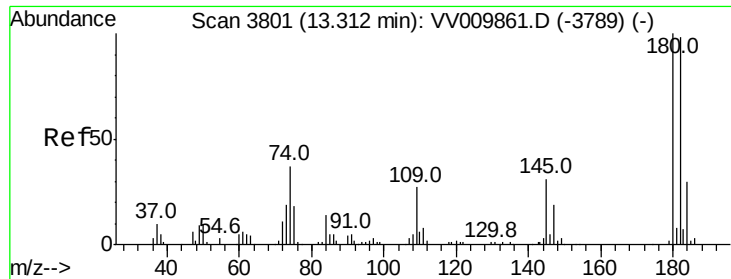
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#65
1,2-Dichlorobenzene
Concen: 64.167 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV009875.D
Acq: 25 Mar 2019 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	171799		
111	39.9	33.0	49.6	
148	65.4	53.2	79.8	





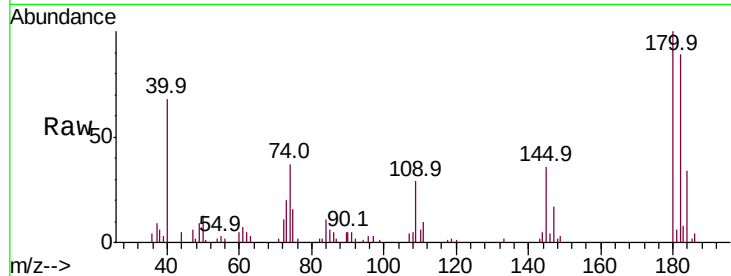
#68
 1,2,4-trichlorobenzene
 Concen: 9.759 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009875.D
 Acq: 25 Mar 2019 21:10

Instrument :
 MSVOA_V
 ClientSampleId :
 C0987DL

Tot Ion	180	Resp	13445
Ion Ratio	100	Lower	Upper
180	100		
182	96.7	77.1	115.7
145	34.4	24.3	36.5

Manual Integrations
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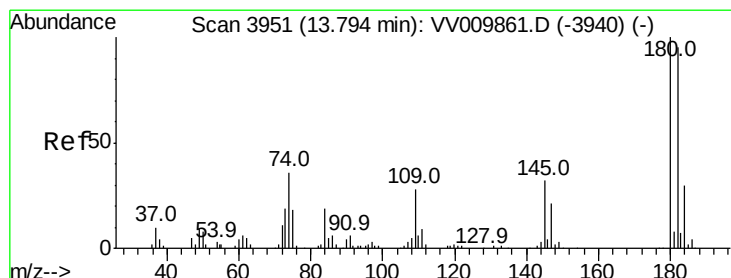
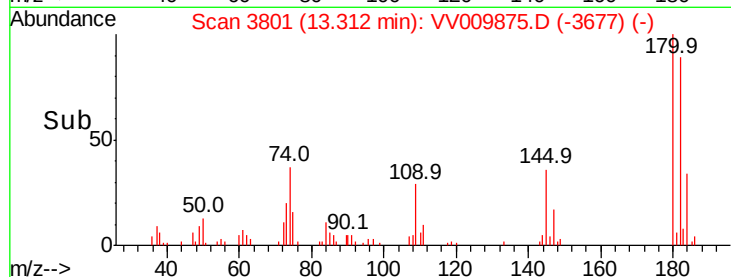
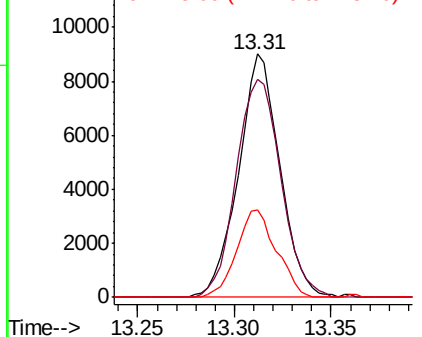


Abundance

Ion 180.00 (179.70 to 180.70): V

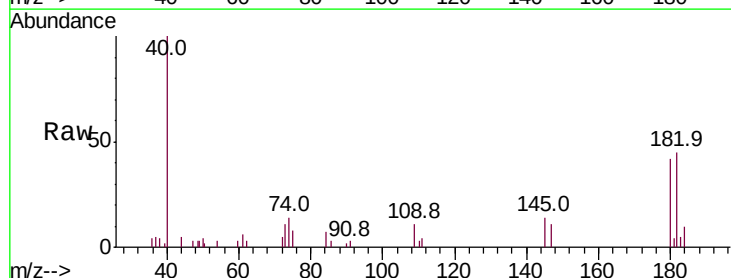
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 2.798 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.00 min
 Lab File: VV009875.D
 Acq: 25 Mar 2019 21:10

Tgt Ion	180	Resp	3900
Ion Ratio	100	Lower	Upper
180	100		
182	103.1	75.6	113.4
145	29.2	24.8	37.2



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

