

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026934.D
 Acq On : 20 Sep 2018 13:29
 Operator : MD/SY
 Sample : J4893-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N9

Manual Integrations
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Quant Time: Sep 21 04:55:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	293515	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291457	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163286	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	102073	47.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.02%
7) Chloroethane-d5	1.68	69	87022	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.66%
11) 1,1-Dichloroethene-d2	2.27	63	147288	35.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.70%
21) 2-Butanone-d5	4.18	46	139887	97.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.09%
24) Chloroform-d	4.65	84	176097	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.31	65	114234	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
32) Benzene-d6	5.34	84	368673	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
36) 1,2-Dichloropropane-d6	6.33	67	119075	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.48%
41) Toluene-d8	7.57	98	320958	43.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.98%
43) trans-1,3-Dichloropropene-	7.85	79	52390	44.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.18%
47) 2-Hexanone-d5	8.31	63	96349	93.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	153626	41.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.72%
64) 1,2-Dichlorobenzene-d4	11.87	152	159561m	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	3950	2.789	ug/L	68
33) Benzene	5.39	78	4325	0.479	ug/L	100
51) Chlorobenzene	9.12	112	7525800	1212.893	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	489503	98.339	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	2088298	380.998	ug/L	98
65) 1,2-Dichlorobenzene	11.89	146	16843576m	3055.995	ug/L	
67) 1,3,5-Trichlorobenzene	12.89	180	8949	2.323	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	2651622	798.837	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	409984	112.160	ug/L	98

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

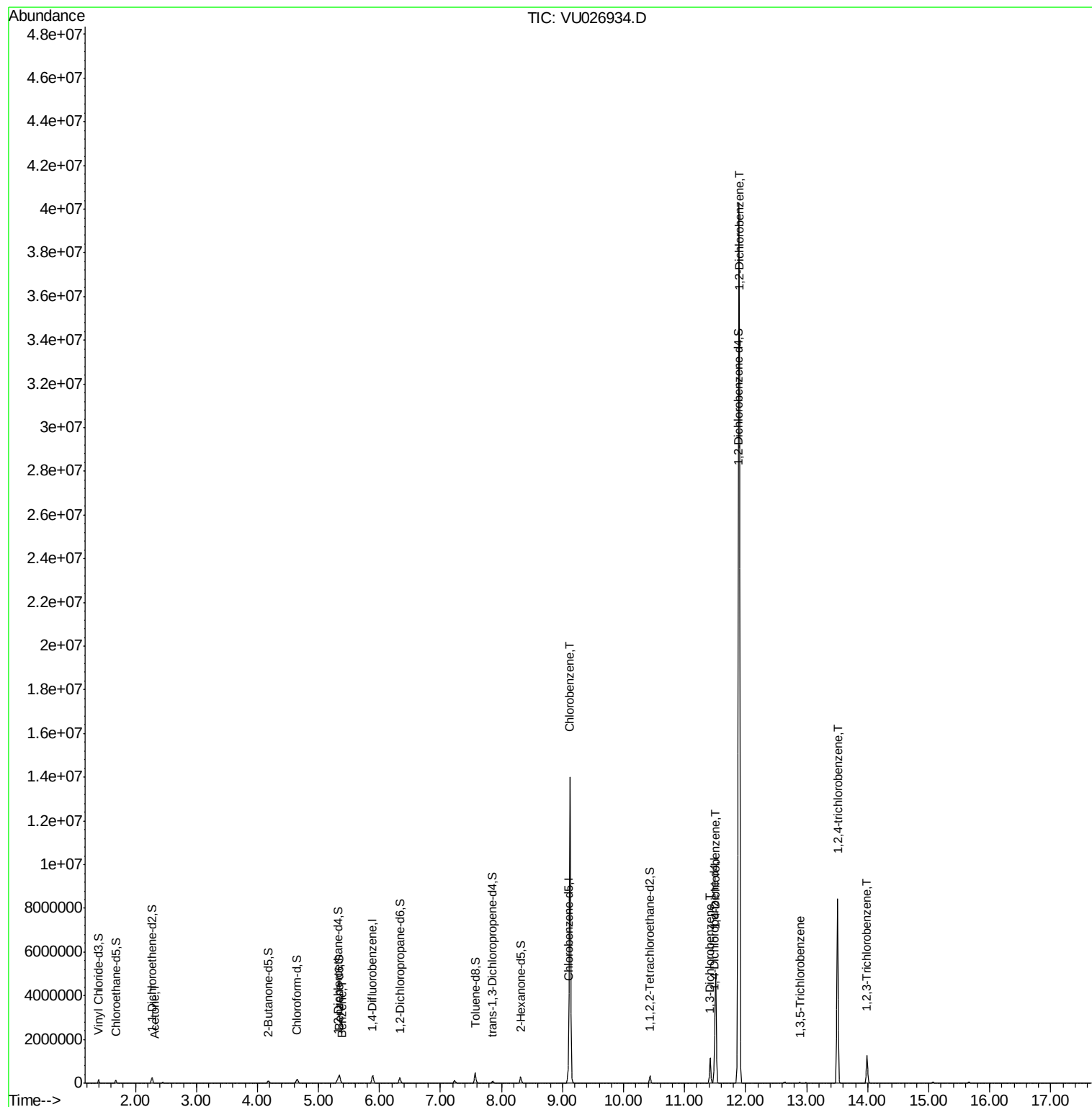
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092118\
Data File : VU026934.D
Acq On : 20 Sep 2018 13:29
Operator : MD/SY
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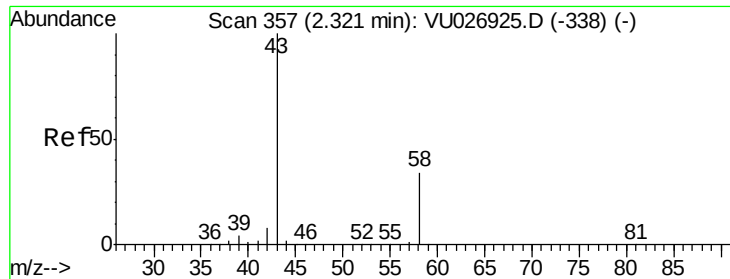
Instrument :
MSVOA_U
ClientSampleId :
C08N9

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Quant Time: Sep 21 04:55:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.789 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026934.D

Acq: 20 Sep 2018 13:29

Instrument :

MSVOA_U

ClientSampled :

C08N9

Tot Ion: 43 Resp: 3950

Ion Ratio Lower Upper

43 100

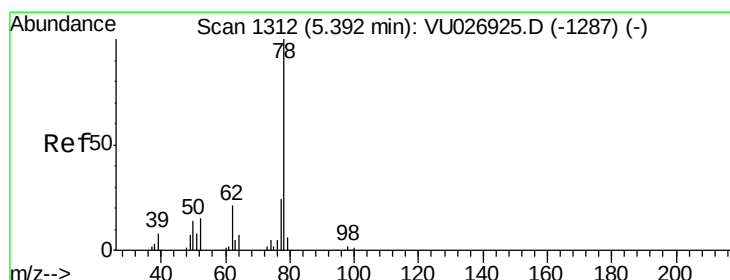
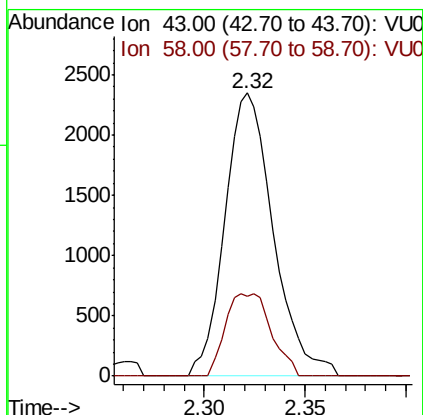
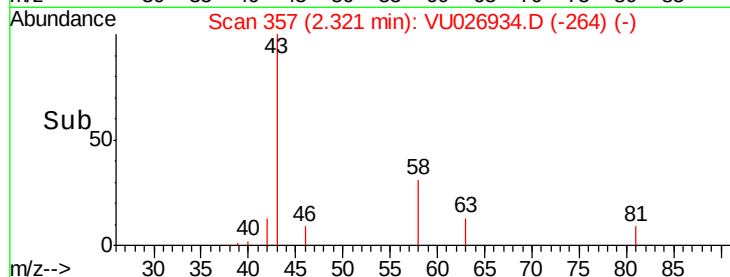
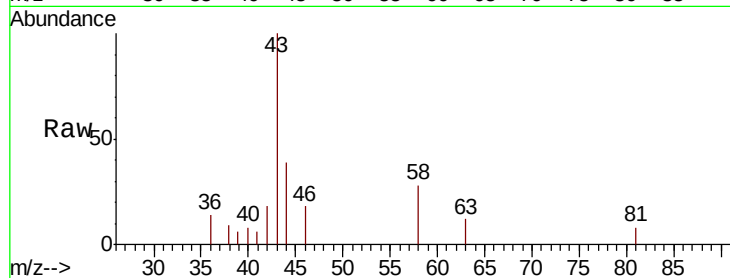
58 14.5 0.0 64.6

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#33

Benzene

Concen: 0.479 ug/L

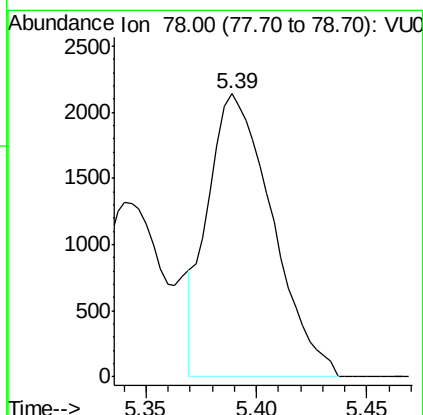
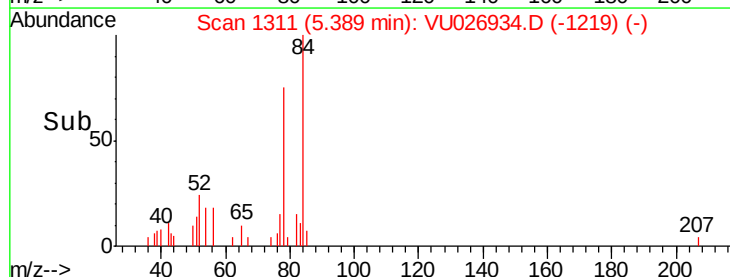
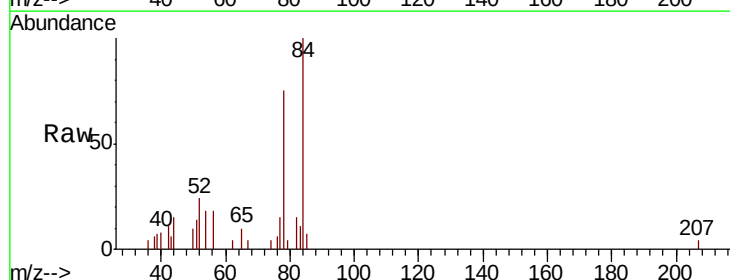
RT: 5.39 min Scan# 1311

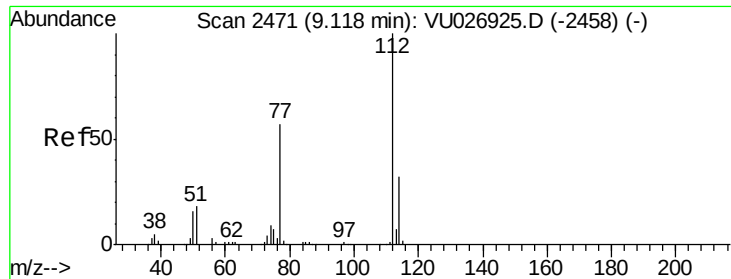
Delta R.T. -0.00 min

Lab File: VU026934.D

Acq: 20 Sep 2018 13:29

Tgt Ion: 78 Resp: 4325





#51

Chlorobenzene

Concen: 1212.893 ug/L

RT: 9.12 min Scan# 2473

Delta R.T. 0.01 min

Lab File: VU026934.D

Acq: 20 Sep 2018 13:29

Instrument :

MSVOA_U

ClientSampled :

C08N9

Tot Ion:112 Resp: 7525800

Ion Ratio Lower Upper

112 100

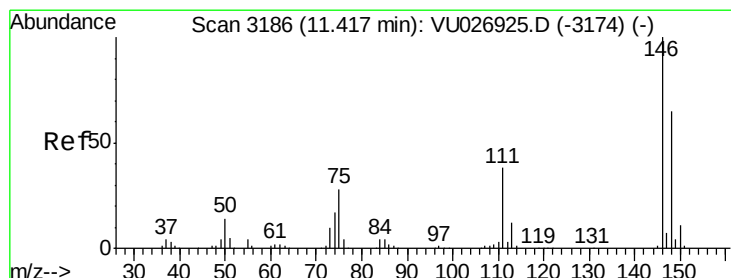
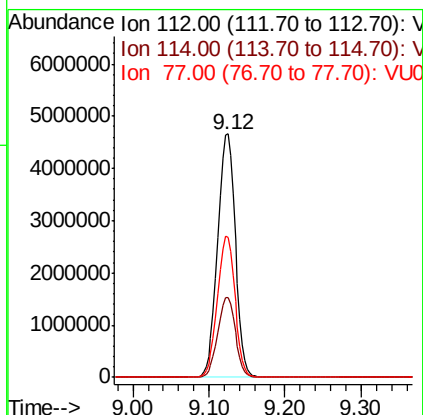
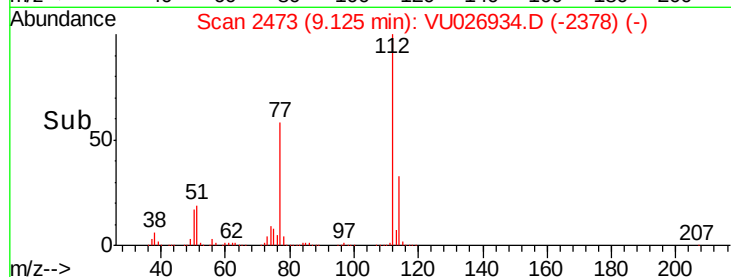
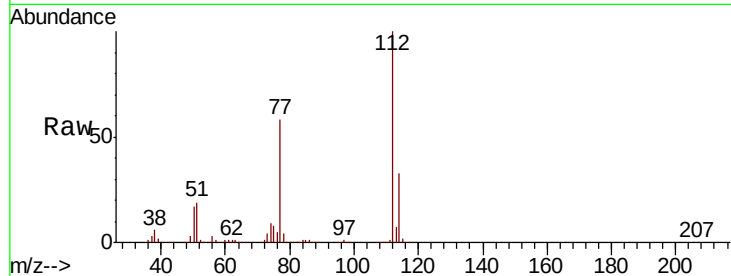
114 32.9 22.3 41.5

77 57.6 45.1 67.7

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#62

1,3-Dichlorobenzene

Concen: 98.339 ug/L

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU026934.D

Acq: 20 Sep 2018 13:29

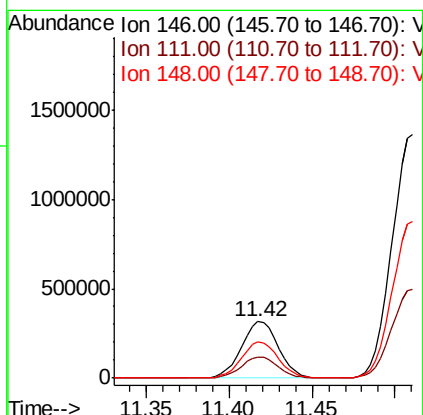
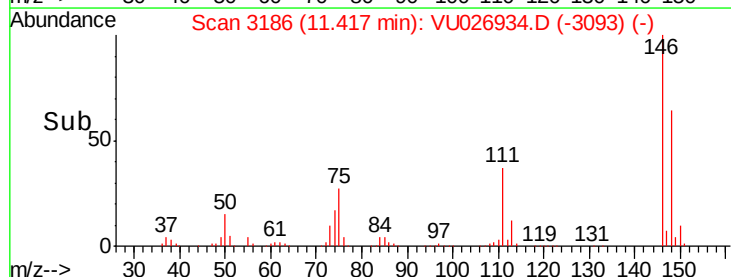
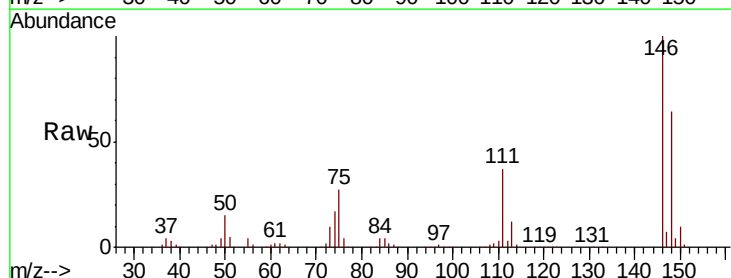
Tgt Ion:146 Resp: 489503

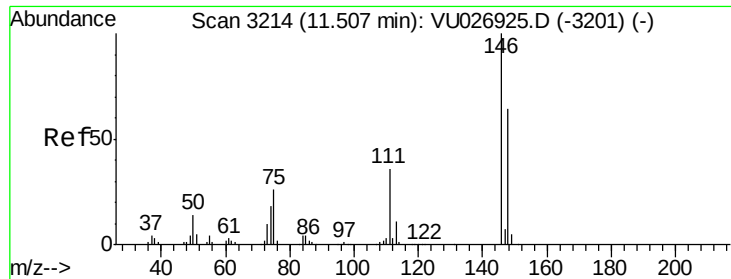
Ion Ratio Lower Upper

146 100

111 37.4 26.7 49.7

148 63.6 44.9 83.5





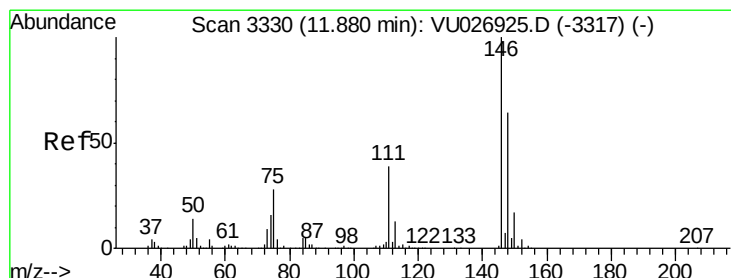
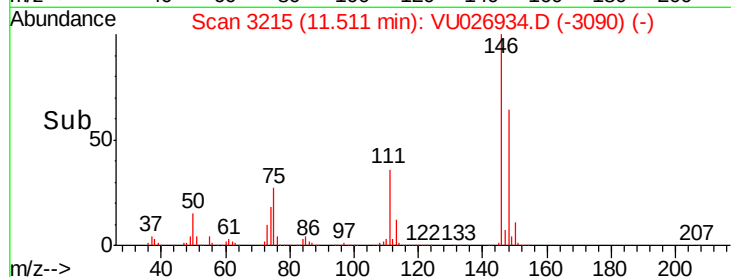
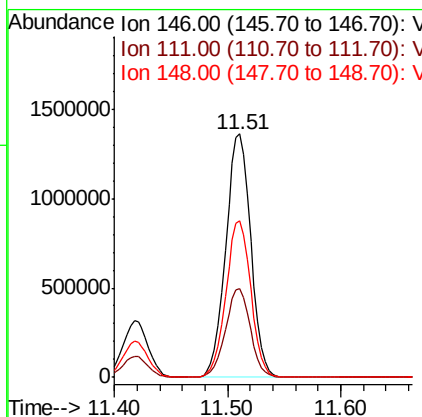
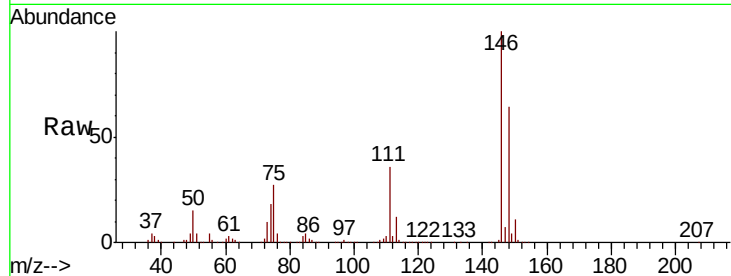
#63
1,4-Dichlorobenzene
Concen: 380.998 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026934.D
Acq: 20 Sep 2018 13:29

Instrument :
MSVOA_U
ClientSampled :
C08N9

Tot Ion:146 Resp: 2088298
Ion Ratio Lower Upper
146 100
111 36.3 26.0 48.2
148 64.1 45.8 85.2

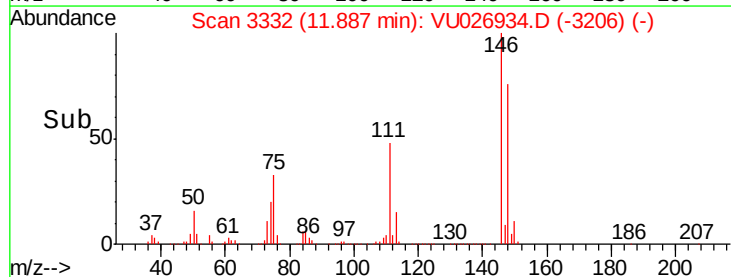
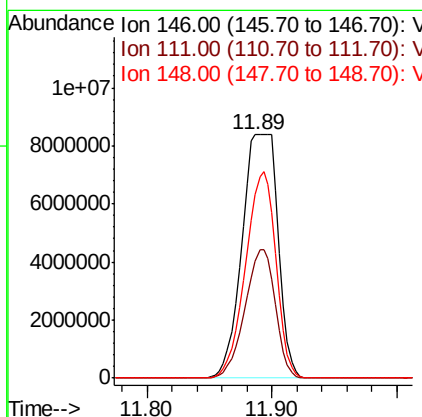
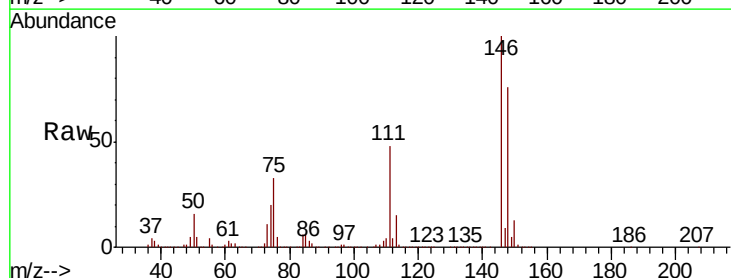
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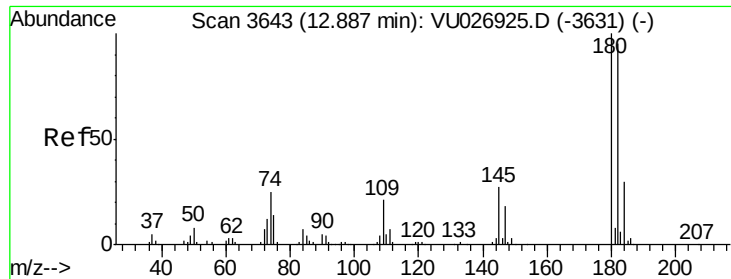
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#65
1,2-Dichlorobenzene
Concen: 3055.995 ug/L m
RT: 11.89 min Scan# 3332
Delta R.T. 0.01 min
Lab File: VU026934.D
Acq: 20 Sep 2018 13:29

Tgt Ion:146 Resp:16843576
Ion Ratio Lower Upper
146 100
111 48.1 31.4 47.0#
148 75.6 51.4 77.2





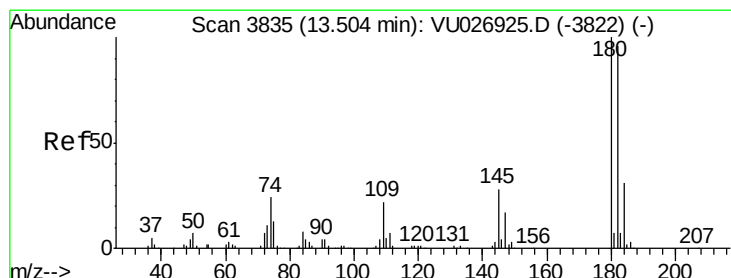
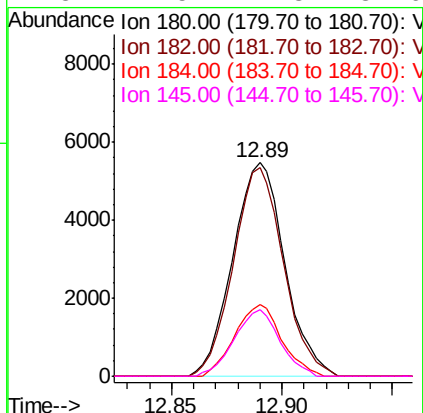
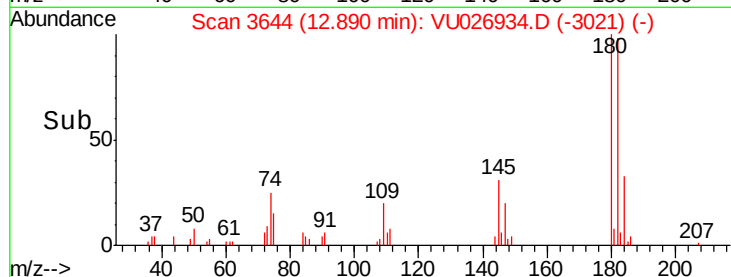
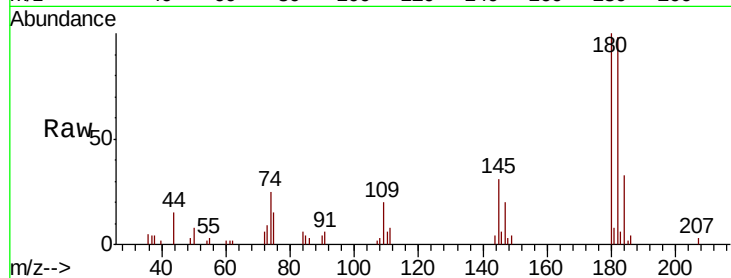
#67
 1,3,5-Trichlorobenzene
 Concen: 2.323 ug/L
 RT: 12.89 min Scan# 3644
 Delta R.T. 0.00 min
 Lab File: VU026934.D
 Acq: 20 Sep 2018 13:29

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N9

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.7	115.1
184	30.3	24.2	36.4
145	27.5	21.8	32.6

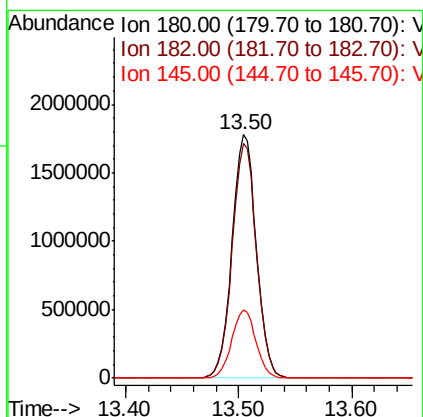
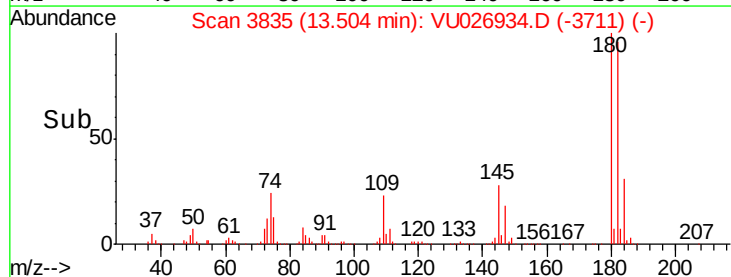
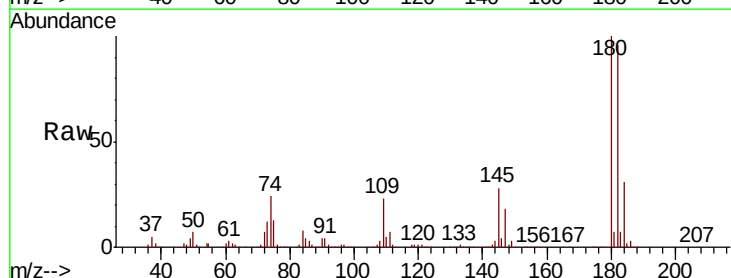
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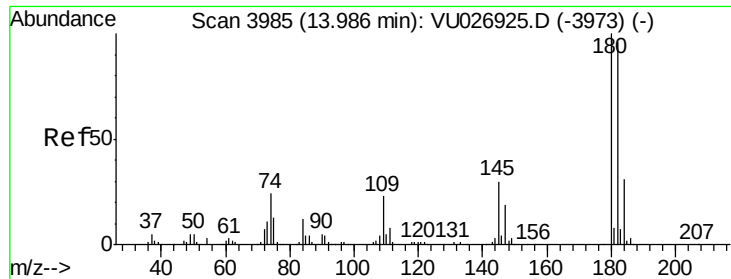
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#68
 1,2,4-trichlorobenzene
 Concen: 798.837 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026934.D
 Acq: 20 Sep 2018 13:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.8	115.2
145	27.9	22.2	33.2





#70
 1,2,3-Trichlorobenzene
 Concen: 112.160 ug/L
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU026934.D
 Acq: 20 Sep 2018 13:29

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N9

Tot Ion:	180	Resp:	409984
Ion Ratio	Lower	Upper	
180	100		
182	96.7	75.6	113.4
145	29.8	23.8	35.6

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