

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081018\
 Data File : VU026050.D
 Acq On : 10 Aug 2018 17:57
 Operator : MD/SY
 Sample : J4361-24DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZA7DL

Quant Time: Aug 11 02:24:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 11 00:58:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	296368	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282329	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	130614	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89356	41.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.50%
7) Chloroethane-d5	1.67	69	69303	40.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.70%
11) 1,1-Dichloroethene-d2	2.27	63	133730	32.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.98%
21) 2-Butanone-d5	4.18	46	117166	64.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.89%
24) Chloroform-d	4.65	84	166873	36.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.66%
26) 1,2-Dichloroethane-d4	5.31	65	109092	35.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.30%
32) Benzene-d6	5.34	84	331897	37.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.72%
36) 1,2-Dichloropropane-d6	6.33	67	104286	36.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.52%
41) Toluene-d8	7.57	98	304216	36.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.54%#
43) trans-1,3-Dichloropropene-	7.85	79	48578	33.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.98%
47) 2-Hexanone-d5	8.31	63	82865	64.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	64.31%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	138937	33.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	66.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	118336	36.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.50%#

Target Compounds

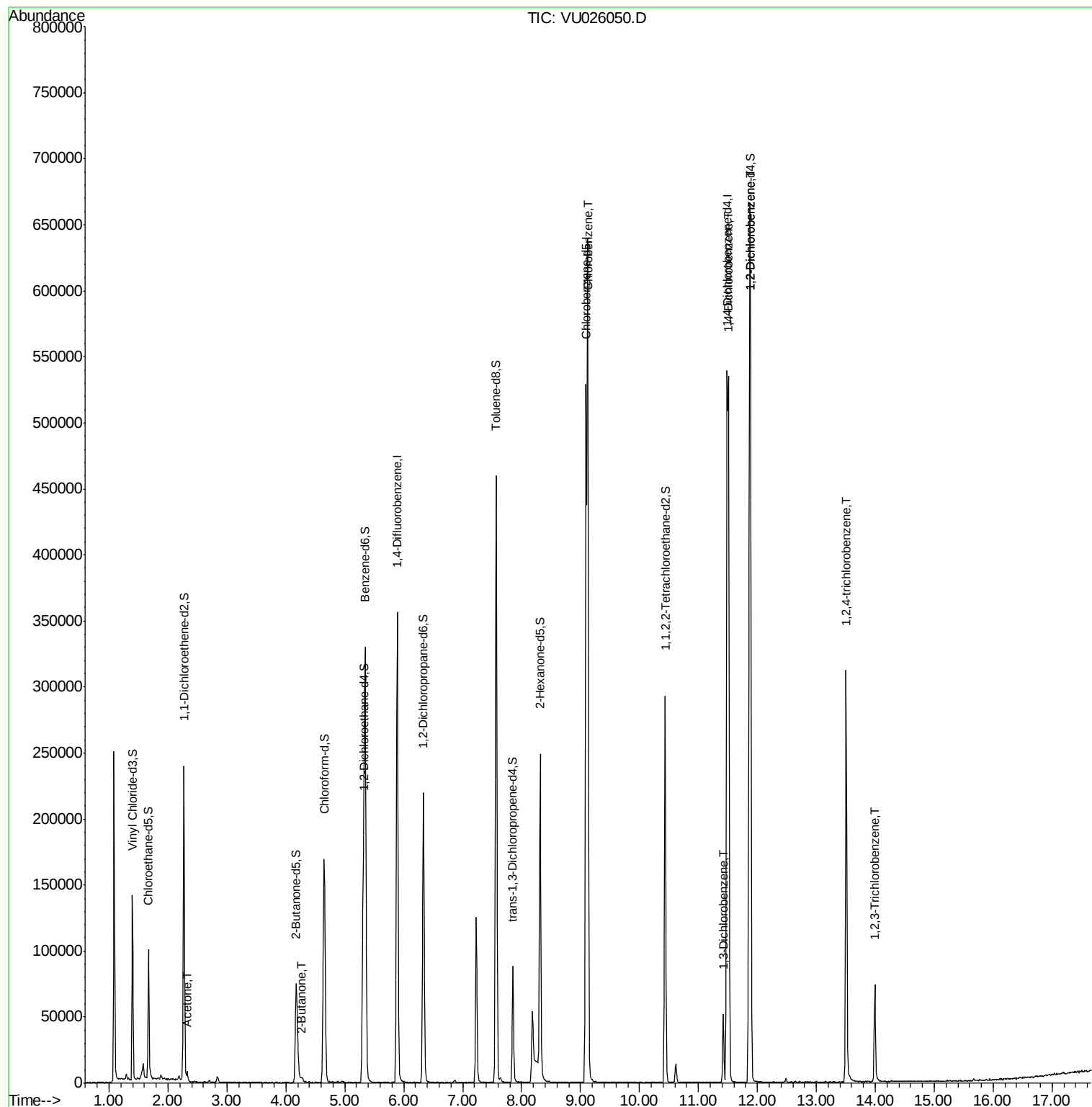
						Ovalue
13) Acetone	2.32	43	5341	4.76	ug/L	92
22) 2-Butanone	4.28	43	3703	2.28	ug/L	94
51) Chlorobenzene	9.12	112	328665	57.11	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	21318	5.24	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	192953	45.27	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	216609	50.05	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	99265	38.62	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	24705	8.94	ug/L	98

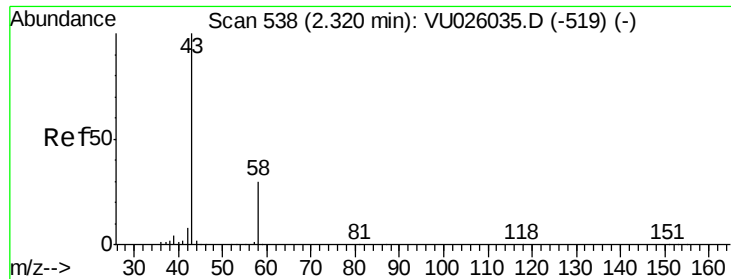
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 11 00:58:27 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.76 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026050.D

Acq: 10 Aug 2018 17:57

Instrument :

MSVOA_U

ClientSampleId :

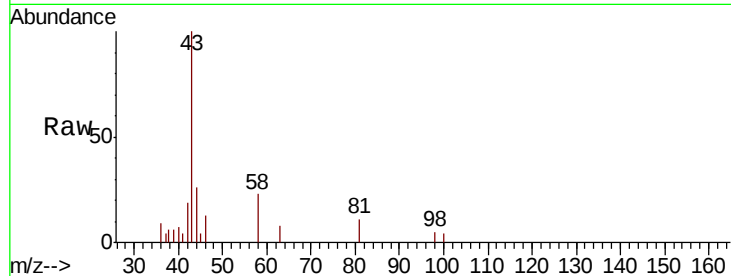
A4ZA7DL

Tot Ion: 43 Resp: 5341

Ion Ratio Lower Upper

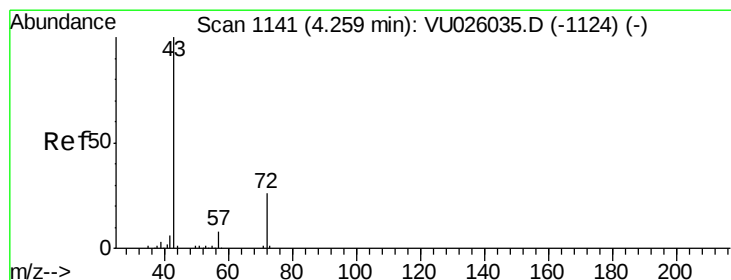
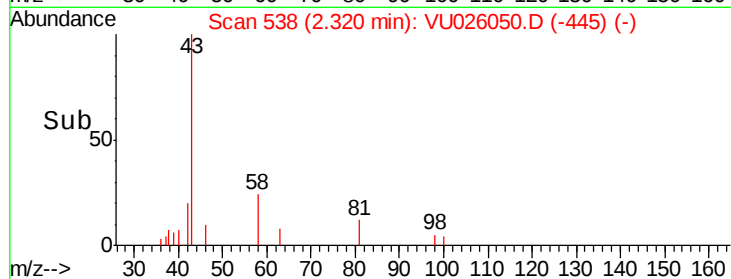
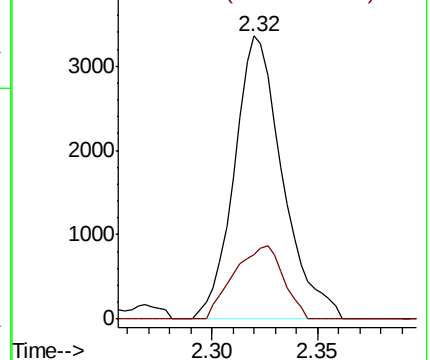
43 100

58 26.5 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU026050.D (-1048) (-)

Ion 58.00 (57.70 to 58.70): VU026050.D (-1048) (-)



#22

2-Butanone

Concen: 2.28 ug/L

RT: 4.28 min Scan# 1147

Delta R.T. 0.02 min

Lab File: VU026050.D

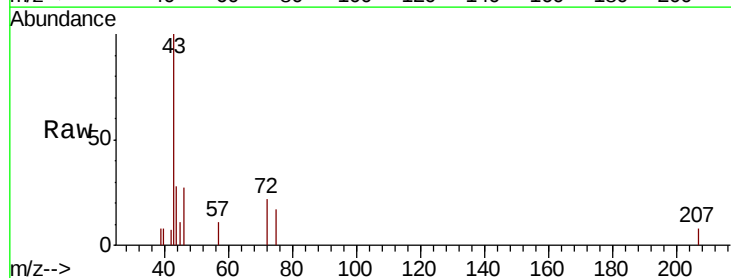
Acq: 10 Aug 2018 17:57

Tgt Ion: 43 Resp: 3703

Ion Ratio Lower Upper

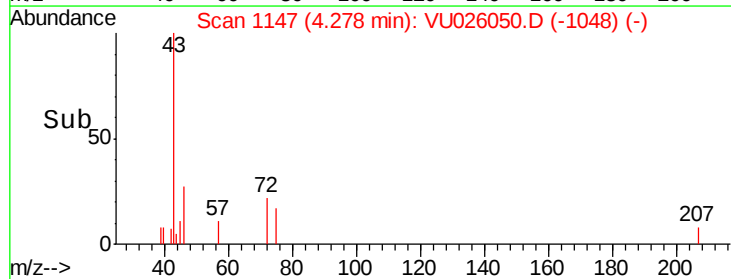
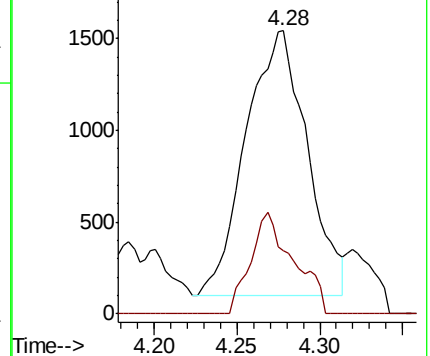
43 100

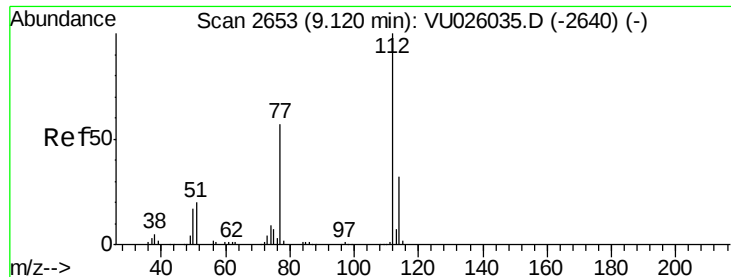
72 23.8 13.5 40.5



Abundance Ion 43.00 (42.70 to 43.70): VU026050.D (-1048) (-)

Ion 72.00 (71.70 to 72.70): VU026050.D (-1048) (-)

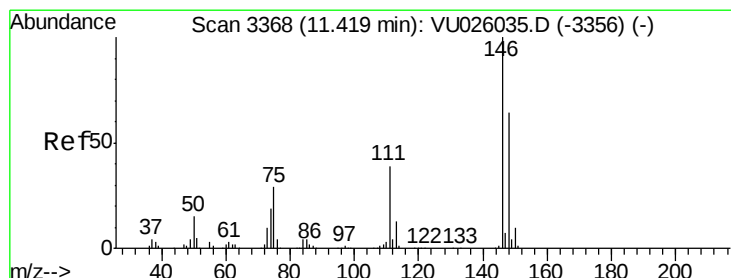
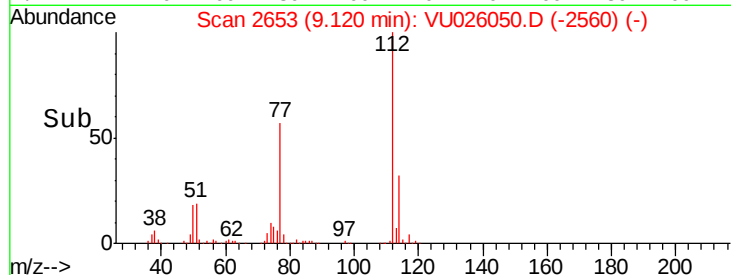
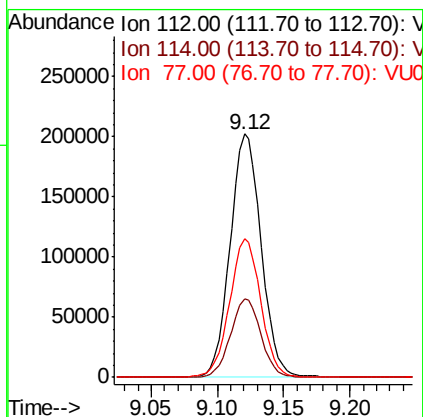
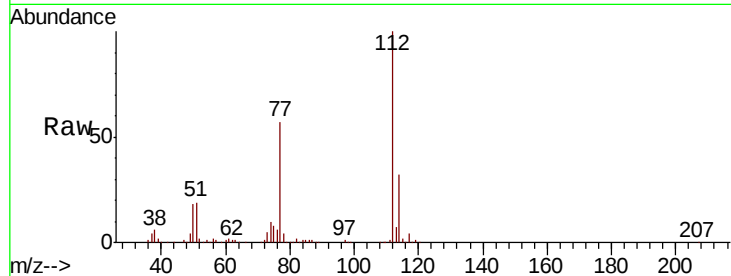




#51
Chlorobenzene
Concen: 57.11 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU026050.D
Acq: 10 Aug 2018 17:57

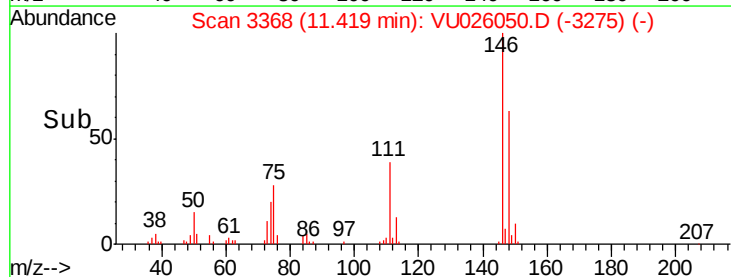
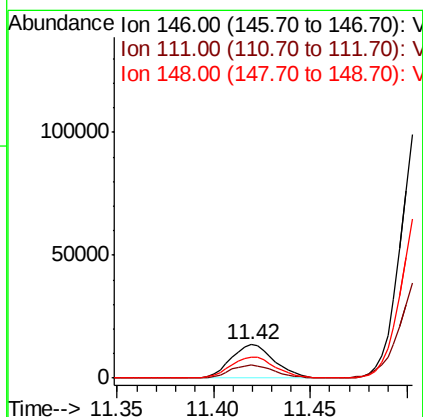
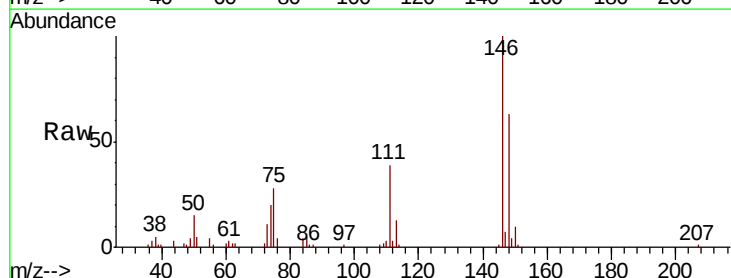
Instrument :
MSVOA_U
ClientSampleId :
A4ZA7DL

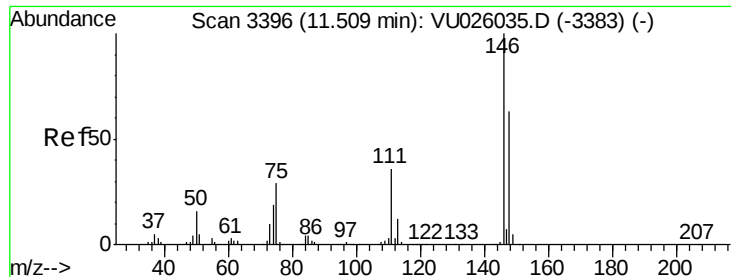
Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.3
77	57.0	45.2	67.8



#62
1,3-Dichlorobenzene
Concen: 5.24 ug/L
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU026050.D
Acq: 10 Aug 2018 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	27.9	51.9
148	63.4	46.0	85.4

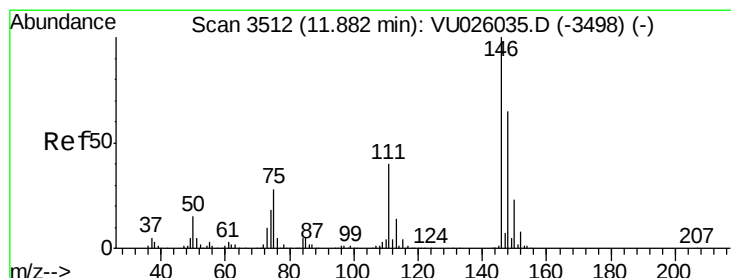
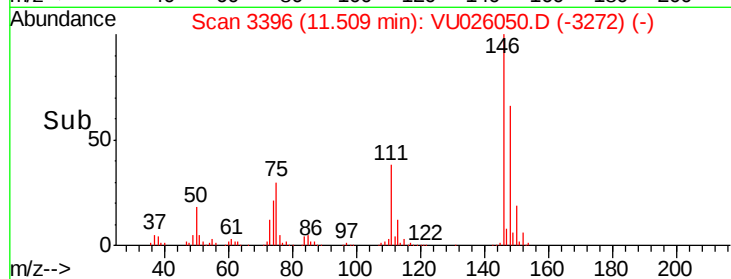
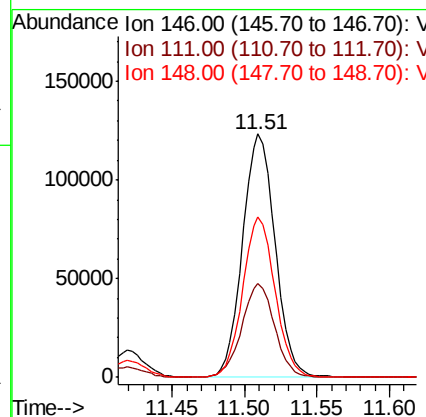
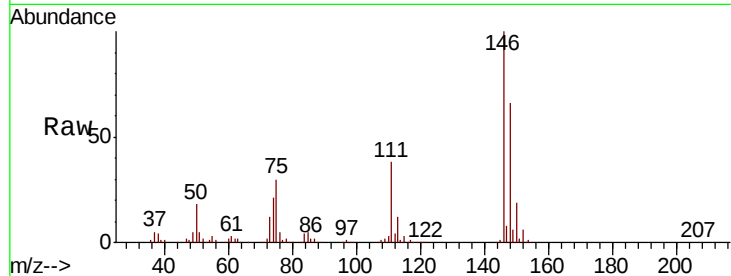




#63
 1,4-Dichlorobenzene
 Concen: 45.27 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU026050.D
 Acq: 10 Aug 2018 17:57

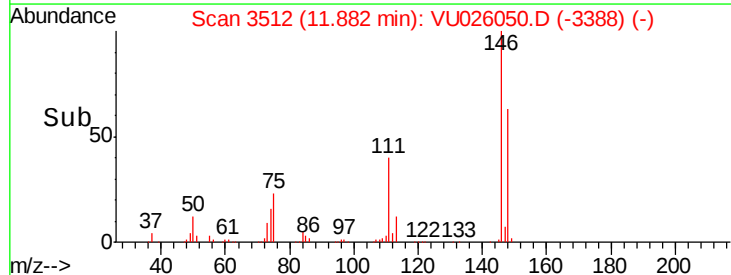
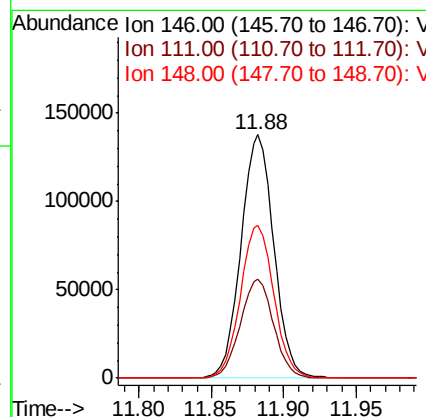
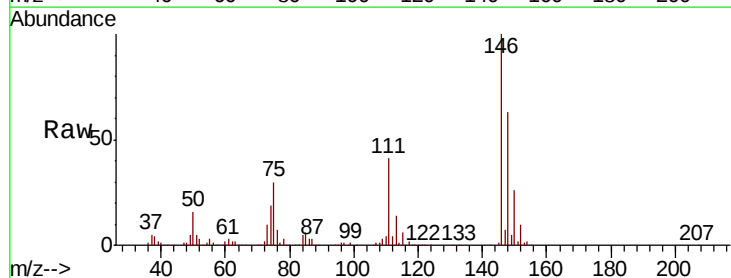
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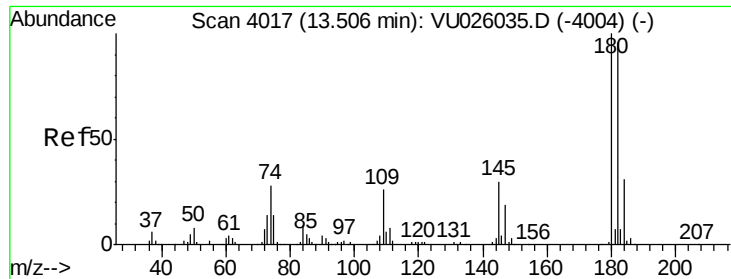
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	26.4	49.0
148	65.7	43.8	81.4



#65
 1,2-Dichlorobenzene
 Concen: 50.05 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU026050.D
 Acq: 10 Aug 2018 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	32.4	48.6
148	62.9	50.1	75.1

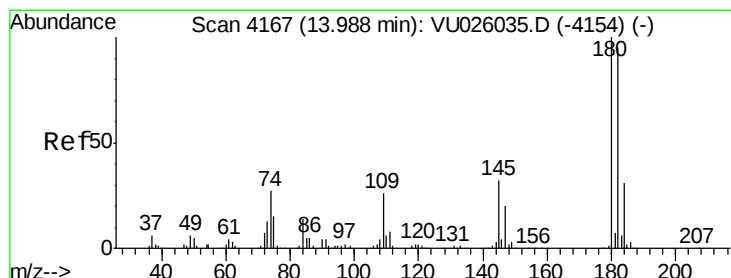
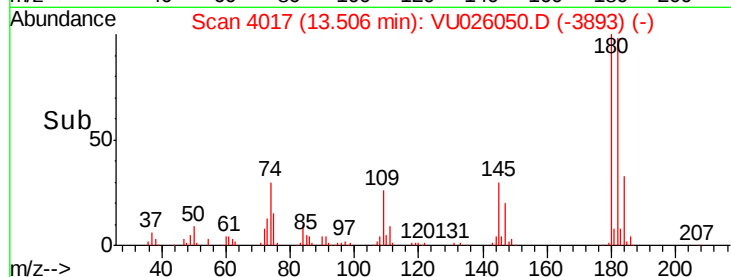
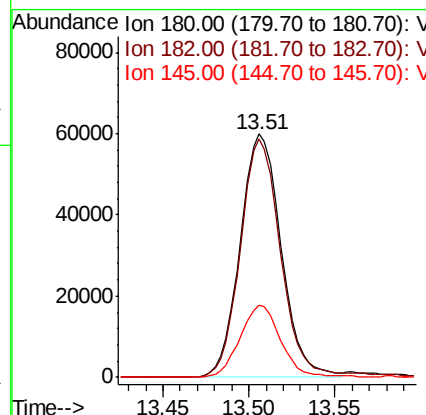
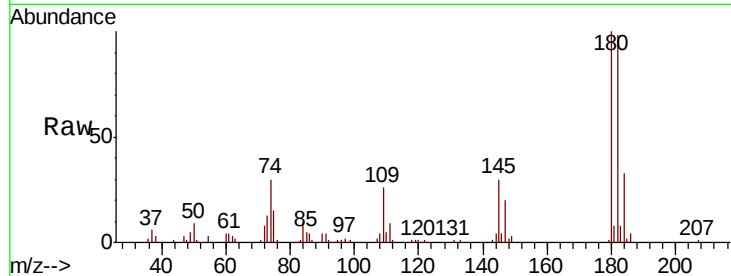




#68
 1,2,4-trichlorobenzene
 Concen: 38.62 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU026050.D
 Acq: 10 Aug 2018 17:57

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.5	114.7
145	29.5	24.2	36.4



#70
 1,2,3-Trichlorobenzene
 Concen: 8.94 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU026050.D
 Acq: 10 Aug 2018 17:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.5	114.7
145	30.9	24.7	37.1

