

Data File : VU026554.D
Acq On : 05 Sep 2018 20:05
Operator : MD/SY
Sample : J4694-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE29

Quant Time: Sep 06 06:00:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 05:59:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	169251	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162071	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	68253	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37631	35.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.78%
7) Chloroethane-d5	1.68	69	37125	39.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.27	63	55416	23.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.94%#
21) 2-Butanone-d5	4.18	46	82231	101.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.03%
24) Chloroform-d	4.65	84	85950	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.31	65	60234	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
32) Benzene-d6	5.34	84	170546	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
36) 1,2-Dichloropropane-d6	6.33	67	61250	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.46%
41) Toluene-d8	7.57	98	152291	42.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.46%
43) trans-1,3-Dichloropropene-	7.85	79	15398	26.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.56%#
47) 2-Hexanone-d5	8.31	63	55502	94.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85457	45.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	60252	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%

Target Compounds

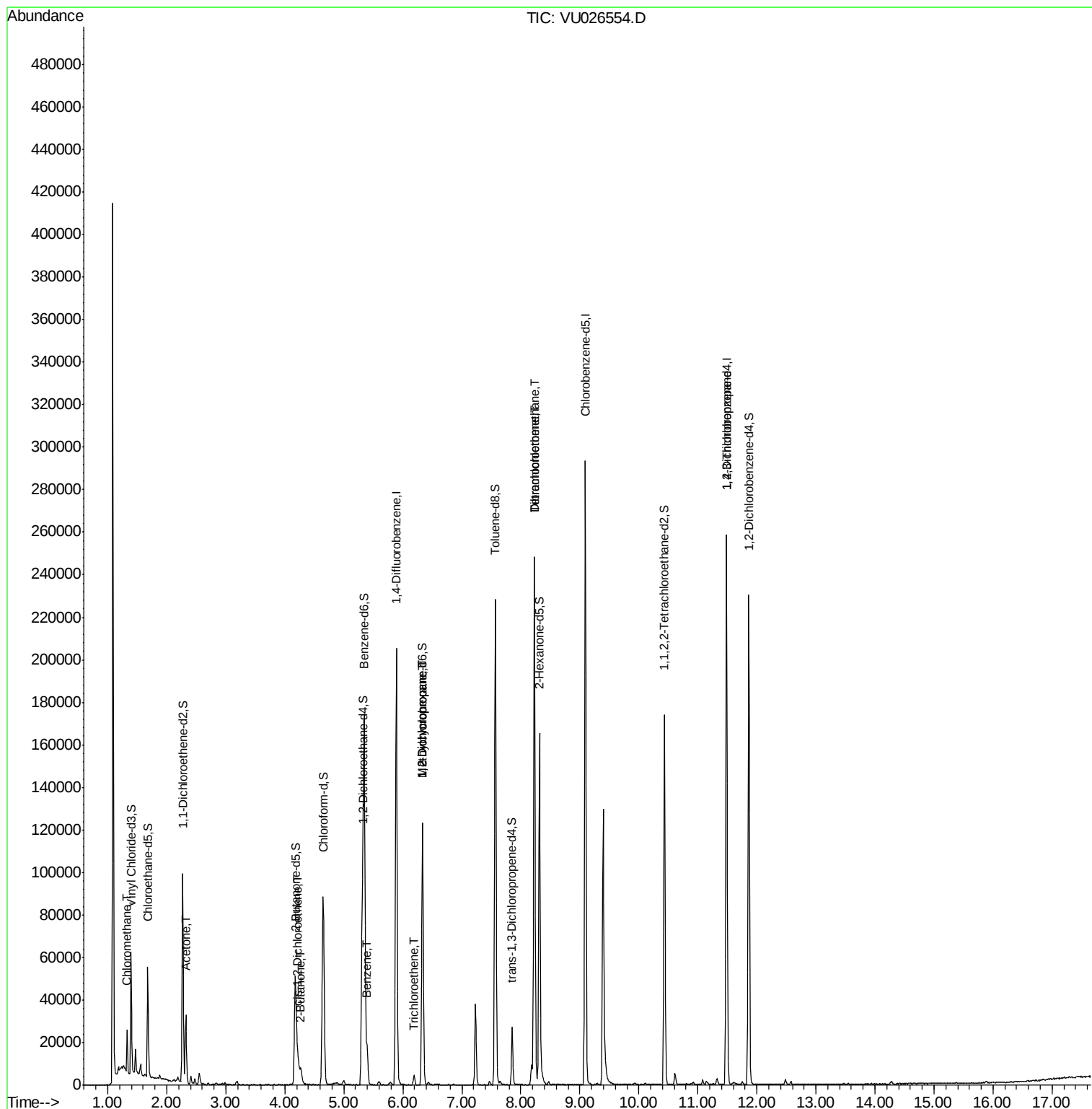
					Qvalue
3) Chloromethane	1.33	50	12910	7.923	ug/L 99
13) Acetone	2.32	43	33825	47.995	ug/L 98
20) cis-1,2-Dichloroethene	4.22	96	4507	3.682	ug/L 98
22) 2-Butanone	4.27	43	11906	12.568	ug/L 100
33) Benzene	5.39	78	17315	3.727	ug/L 100
34) Trichloroethene	6.19	95	1792	1.538	ug/L 92
35) Methylcyclohexane	6.33	83	13821	7.595	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	6399	4.975	ug/L # 88
46) Tetrachloroethene	8.23	164	55027	57.750	ug/L 98
49) Dibromochloromethane	8.23	129	51371	38.690	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	8343	5.198	ug/L 91

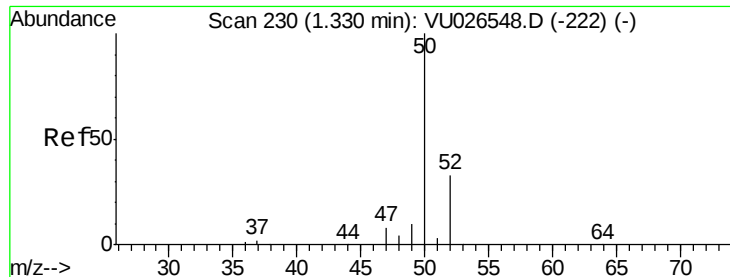
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 7.923 ug/L

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU026554.D

Acq: 05 Sep 2018 20:05

Instrument :

MSVOA_U

ClientSampled :

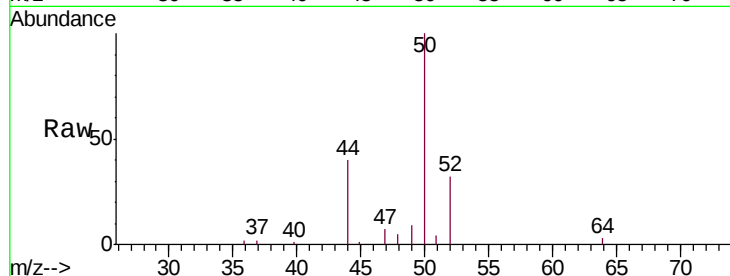
BEE29

Tgt Ion: 50 Resp: 12910

Ion Ratio Lower Upper

50 100

52 32.0 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.33

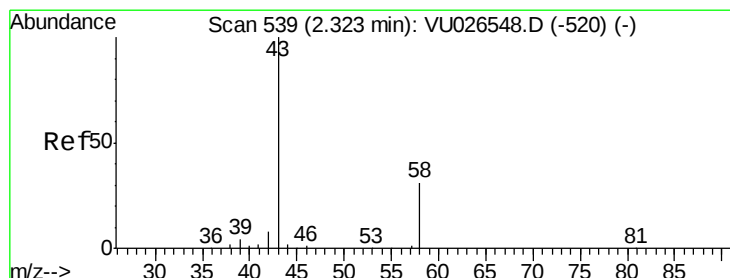
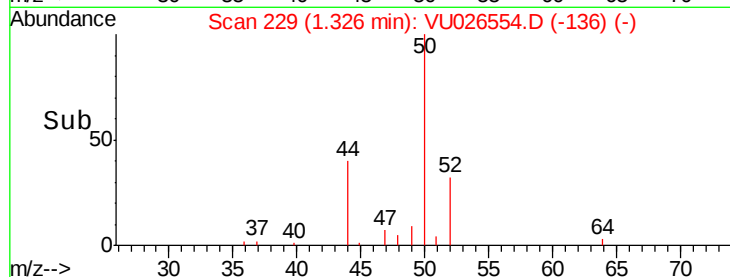
10000

5000

0

Time-->

1.30 1.32 1.34 1.36



#13

Acetone

Concen: 47.995 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026554.D

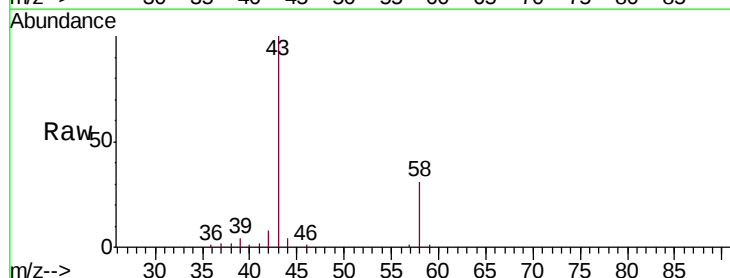
Acq: 05 Sep 2018 20:05

Tgt Ion: 43 Resp: 33825

Ion Ratio Lower Upper

43 100

58 29.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

20000

15000

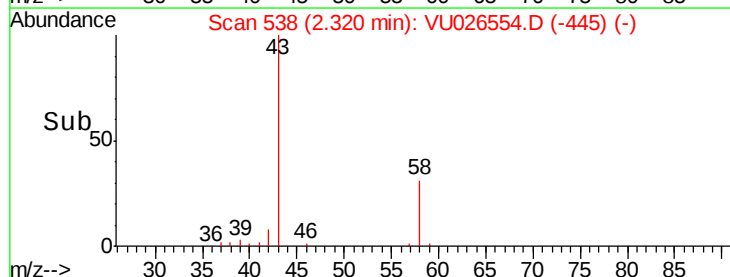
10000

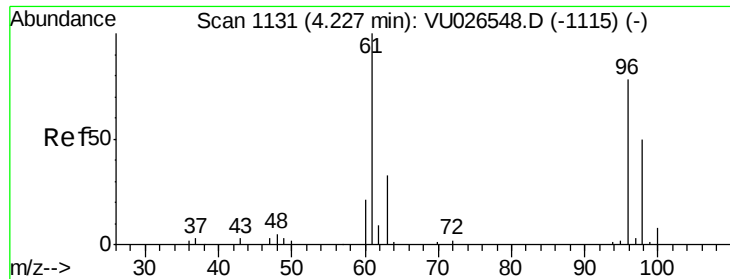
5000

0

Time-->

2.25 2.30 2.35 2.40

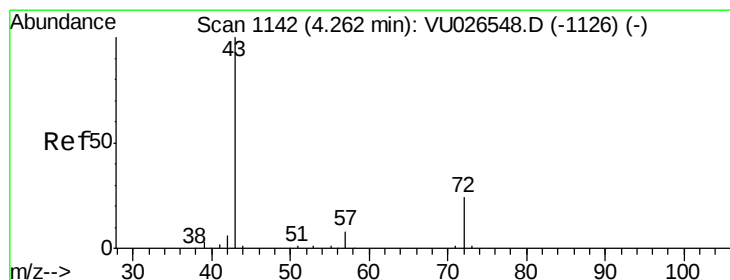
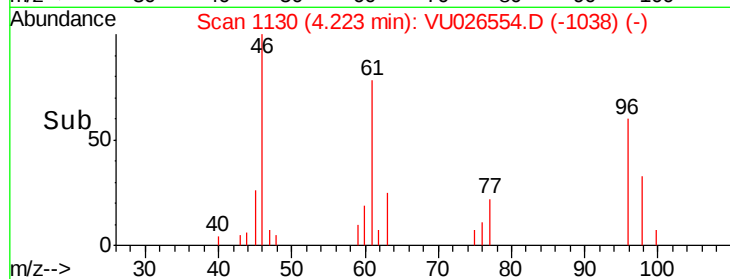
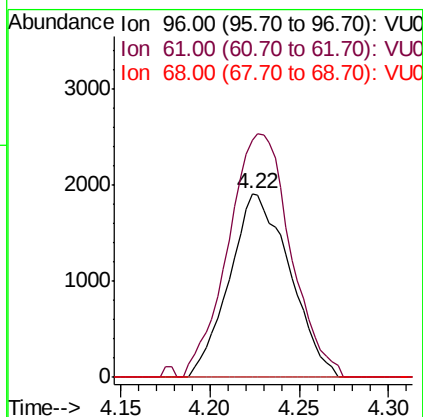
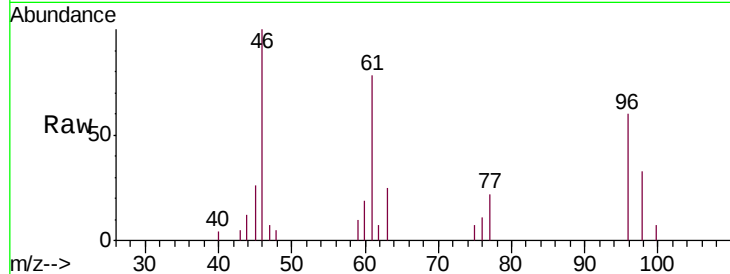




#20
 cis-1,2-Dichloroethene
 Concen: 3.682 ug/L
 RT: 4.22 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: VU026554.D
 Acq: 05 Sep 2018 20:05

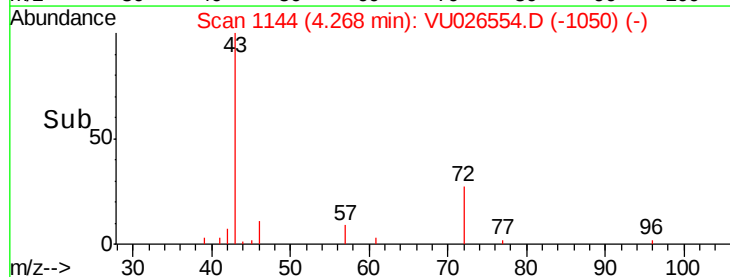
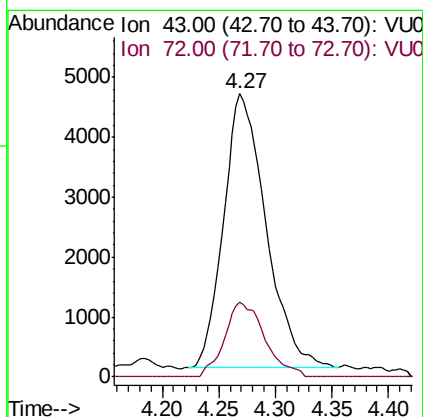
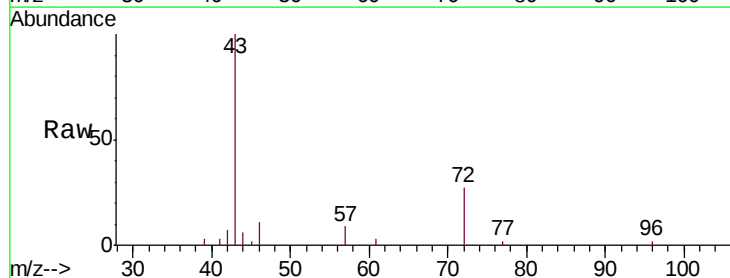
Instrument :
 MSVOA_U
 ClientSampleId :
 BEE29

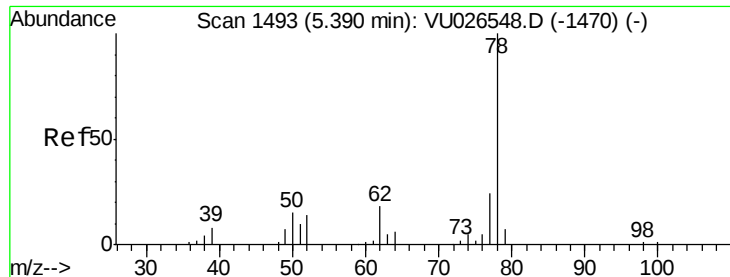
Tgt Ion: 96 Resp: 4507
 Ion Ratio Lower Upper
 96 100
 61 128.9 91.6 170.2
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 12.568 ug/L
 RT: 4.27 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VU026554.D
 Acq: 05 Sep 2018 20:05

Tgt Ion: 43 Resp: 11906
 Ion Ratio Lower Upper
 43 100
 72 26.0 13.0 38.9





#33

Benzene

Concen: 3.727 ug/L

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU026554.D

Acq: 05 Sep 2018 20:05

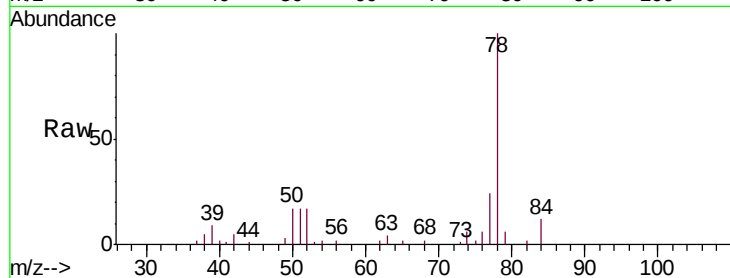
Instrument :

MSVOA_U

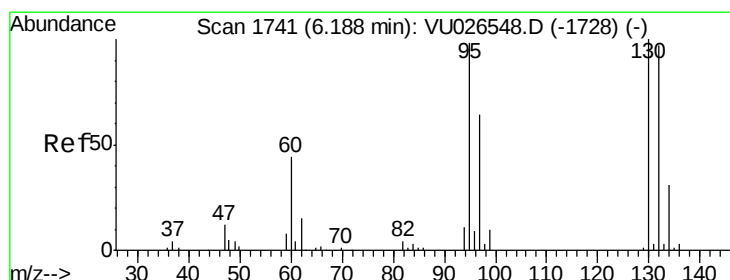
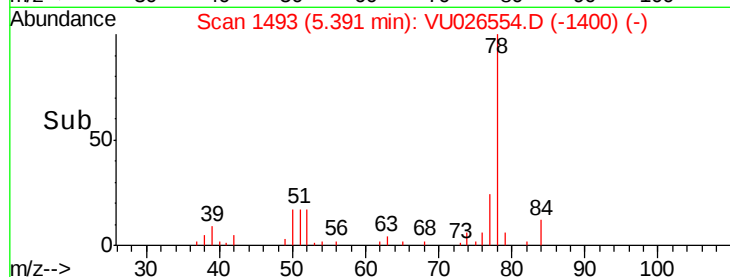
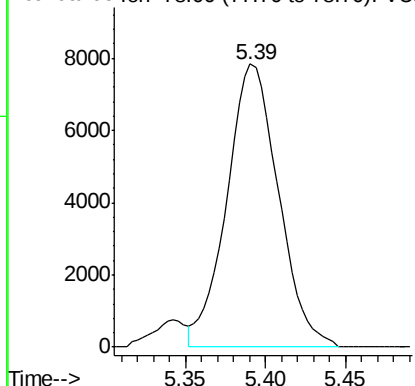
ClientSampled :

BEE29

Tgt Ion: 78 Resp: 17315



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 1.538 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026554.D

Acq: 05 Sep 2018 20:05

Tgt Ion: 95 Resp: 1792

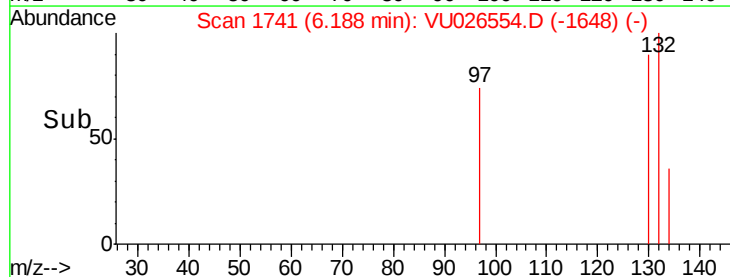
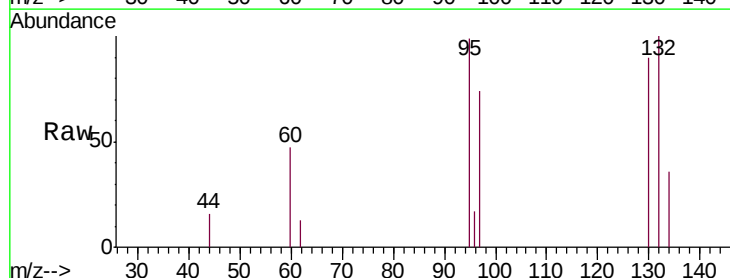
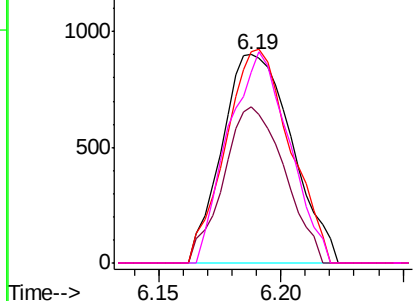
Ion	Ratio	Lower	Upper
95	100		
97	74.6	45.1	83.7
132	101.1	67.5	125.3
130	91.4	69.3	128.7

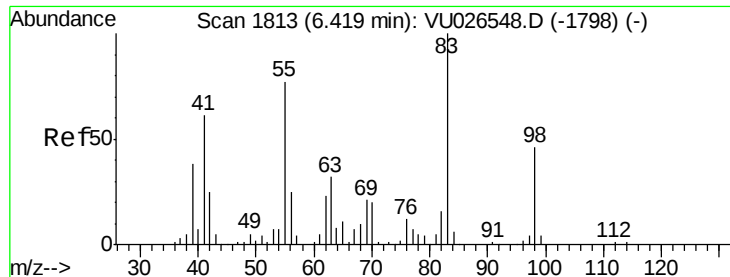
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

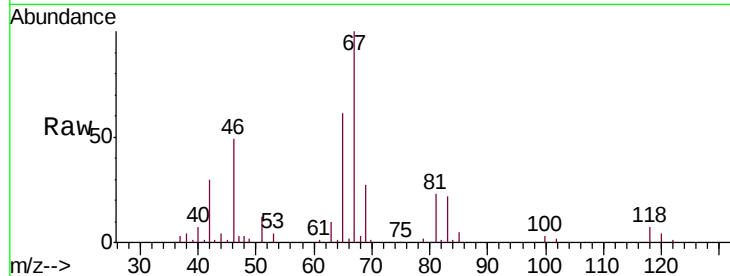




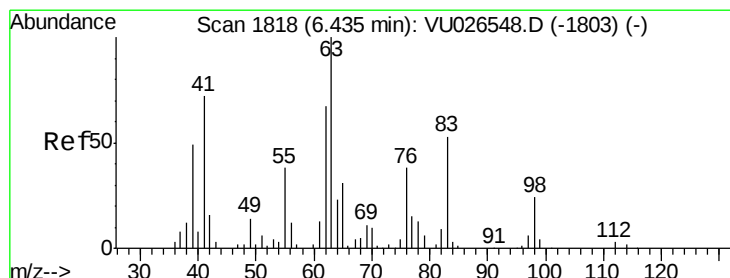
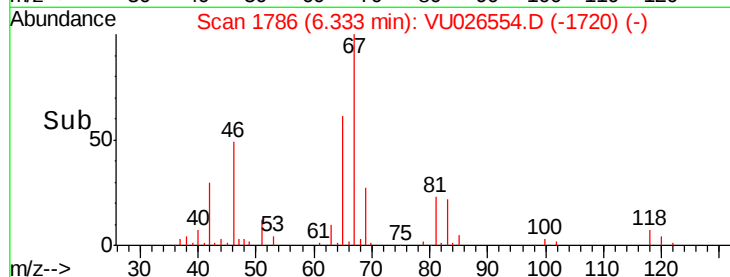
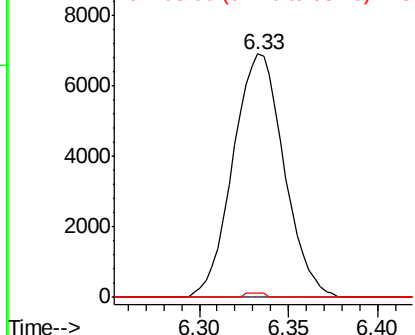
#35
Methylcyclohexane
Concen: 7.595 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026554.D
Acq: 05 Sep 2018 20:05

Instrument :
MSVOA_U
ClientSampleId :
BEE29

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.3	94.9#
98	0.6	36.7	55.1#

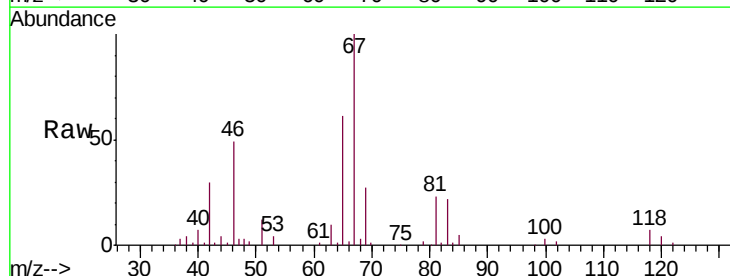


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

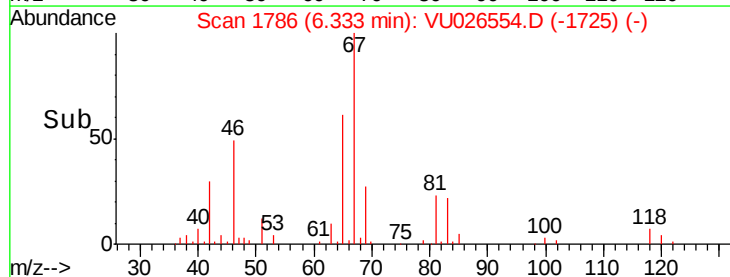
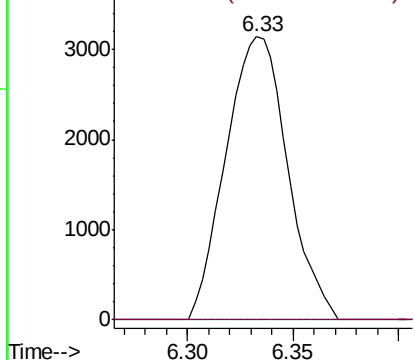


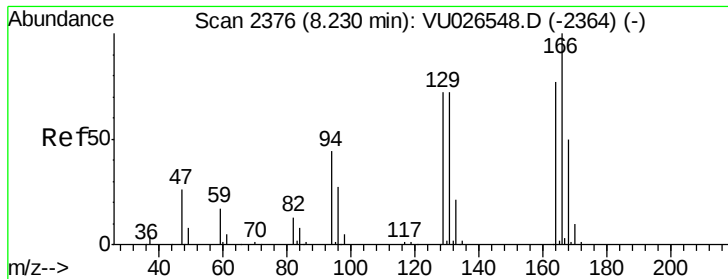
#37
1,2-Dichloropropane
Concen: 4.975 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026554.D
Acq: 05 Sep 2018 20:05

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

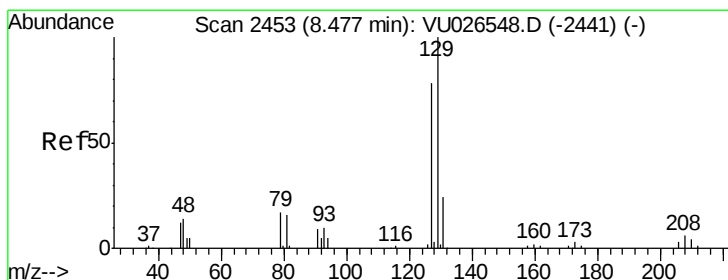
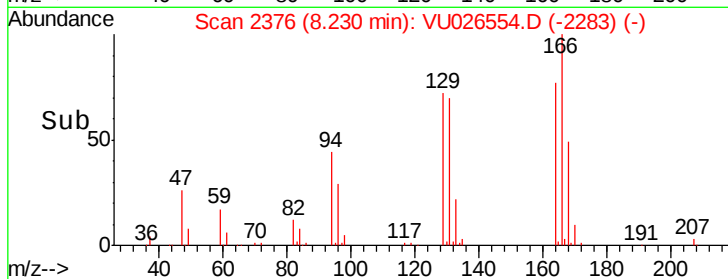
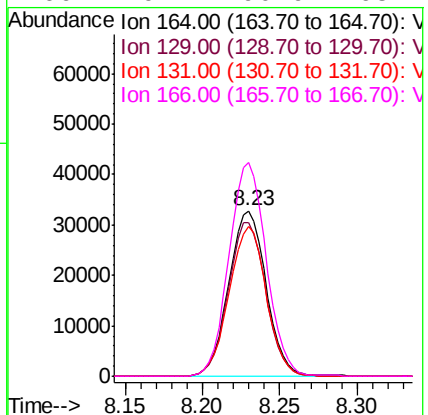
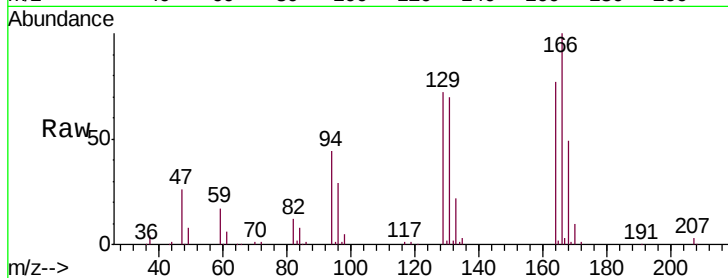




#46
Tetrachloroethene
Concen: 57.750 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026554.D
Acq: 05 Sep 2018 20:05

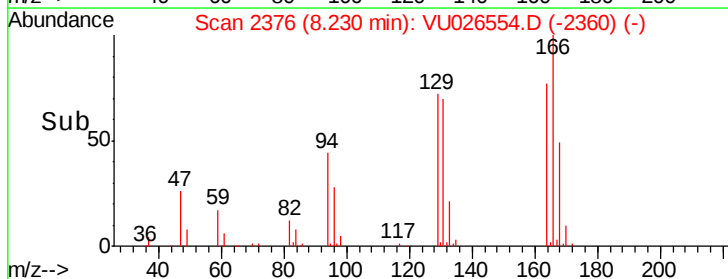
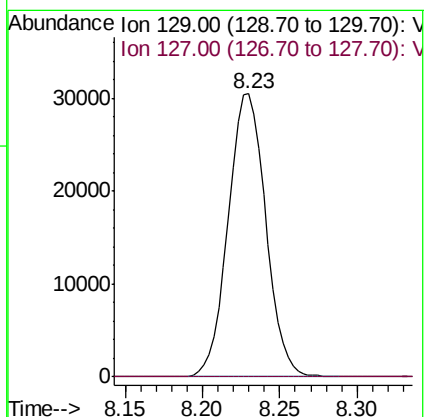
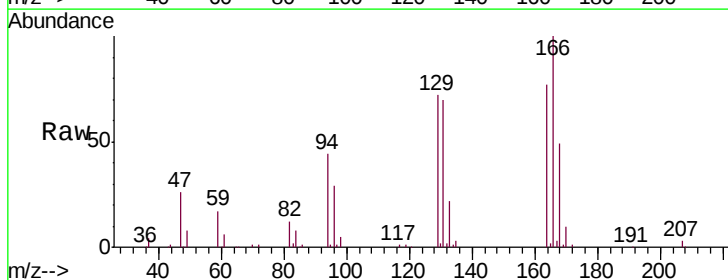
Instrument :
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ClientSampleId :
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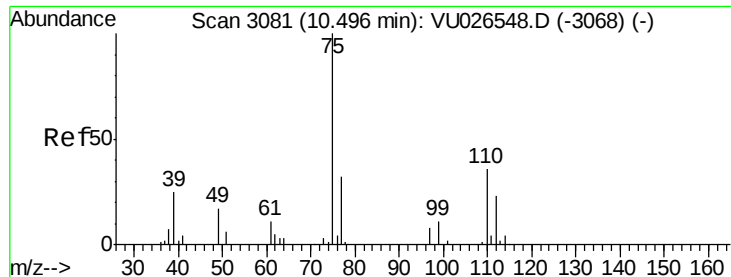
Tgt Ion:	164	Resp:	55027
Ion	Ratio	Lower	Upper
164	100		
129	92.9	67.3	125.1
131	90.5	65.3	121.3
166	129.2	90.9	168.7



#49
Dibromochloromethane
Concen: 38.690 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026554.D
Acq: 05 Sep 2018 20:05

Tgt Ion:	129	Resp:	51371
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.0	102.2#





#59

1,2,3-Trichloropropane

Concen: 5.198 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026554.D

Acq: 05 Sep 2018 20:05

Instrument :

MSVOA_U

ClientSampleId :

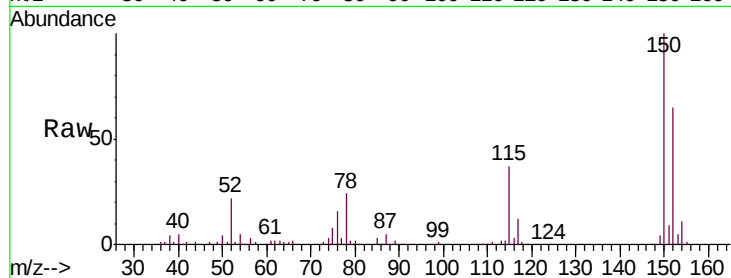
BEE29

Tgt Ion: 75 Resp: 8343

Ion Ratio Lower Upper

75 100

77 36.1 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

