

Data File : VU026570.D
Acq On : 06 Sep 2018 02:18
Operator : MD/SY
Sample : J4718-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEGD1

Quant Time: Sep 06 06:03:10 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	153602	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144779	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	60736	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39129	41.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.24%
7) Chloroethane-d5	1.68	69	37680	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.68%
11) 1,1-Dichloroethene-d2	2.27	63	56417	26.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.64%#
21) 2-Butanone-d5	4.18	46	75579	102.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.32%
24) Chloroform-d	4.65	84	82796	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	5.31	65	55545	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
32) Benzene-d6	5.34	84	156969	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
36) 1,2-Dichloropropane-d6	6.33	67	55744	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.26%
41) Toluene-d8	7.57	98	138161	42.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.78%
43) trans-1,3-Dichloropropene-	7.85	79	22956	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.70%
47) 2-Hexanone-d5	8.31	63	51998	98.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80591	47.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	55471	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds

					Qvalue
13) Acetone	2.32	43	1472	2.301 ug/L	49
34) Trichloroethene	6.19	95	2417	2.322 ug/L	93
35) Methylcyclohexane	6.33	83	12863	7.912 ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5853	5.094 ug/L #	88
46) Tetrachloroethene	8.23	164	28532	33.520 ug/L	94
48) 2-Hexanone	8.31	43	6179	5.063 ug/L #	67
49) Dibromochloromethane	8.23	129	25752	21.712 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7070	4.931 ug/L	94

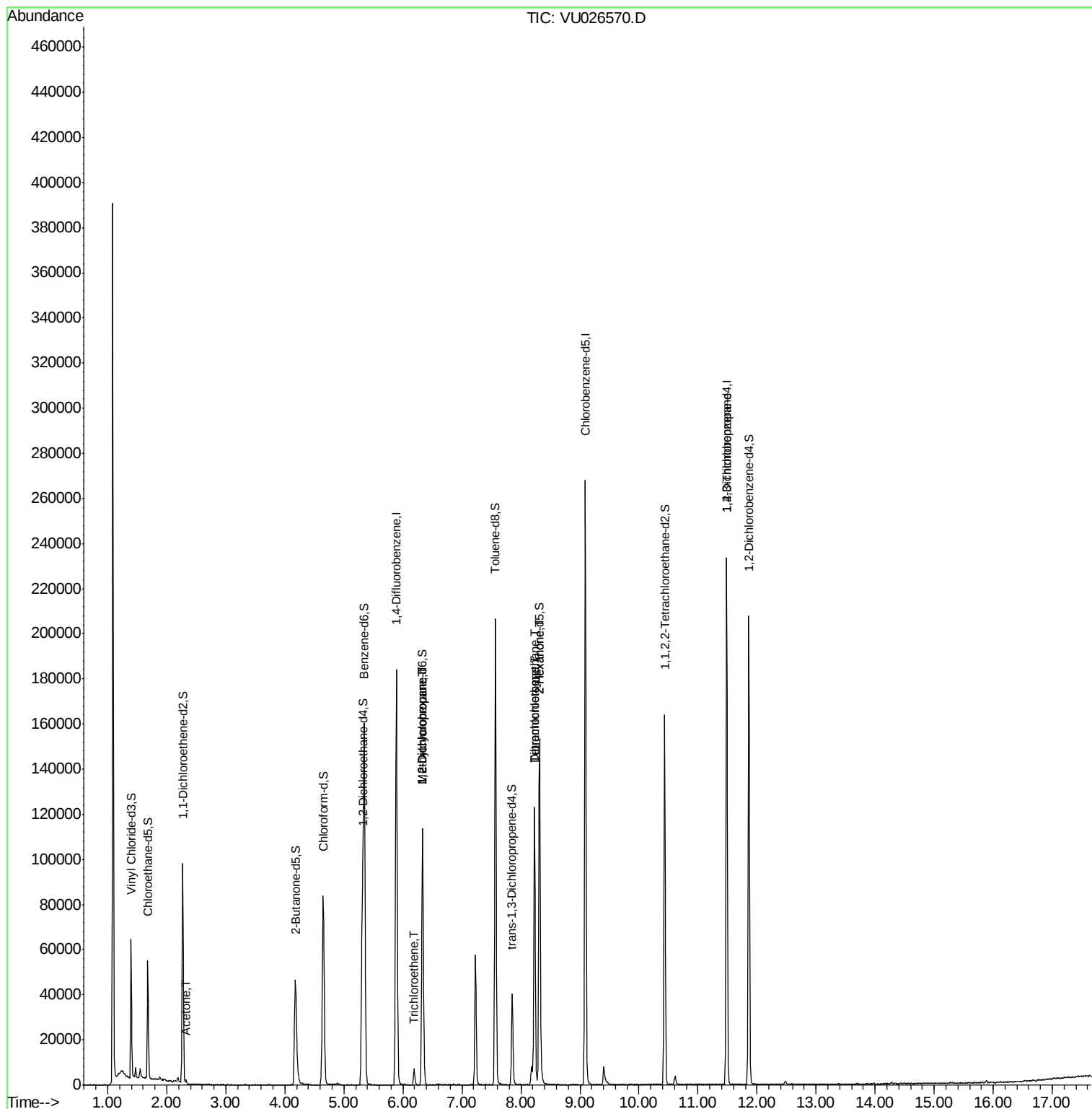
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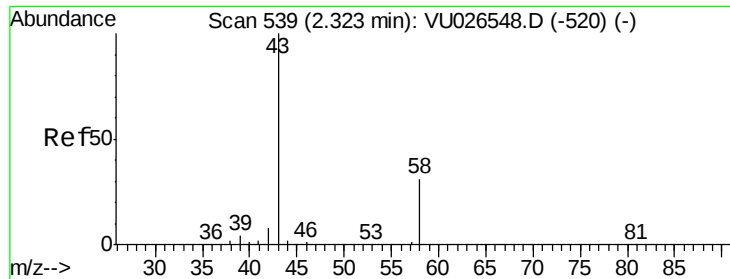
Data File : VU026570.D

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Quant Title : VOC Analysis
QLast Update : Thu Sep 06 05:59:28 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.301 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026570.D

Acq: 06 Sep 2018 02:18

Instrument :

MSVOA_U

ClientSampleId :

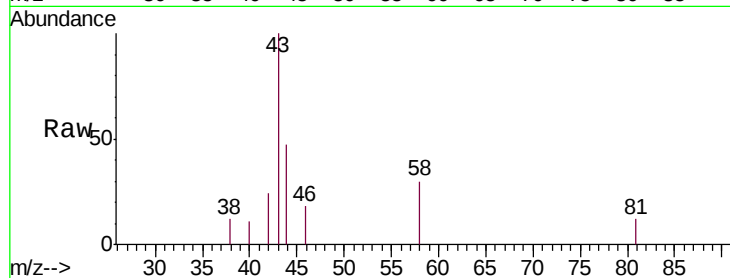
BEGD1

Tgt Ion: 43 Resp: 1472

Ion Ratio Lower Upper

43 100

58 2.7 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

1000

800

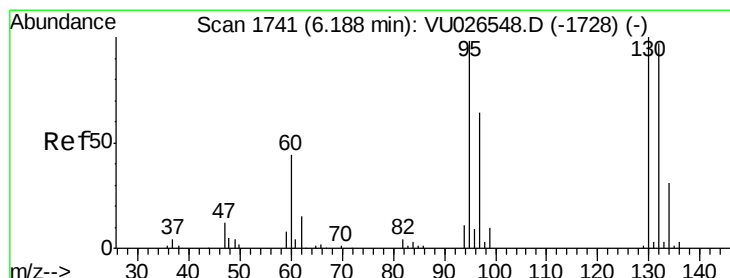
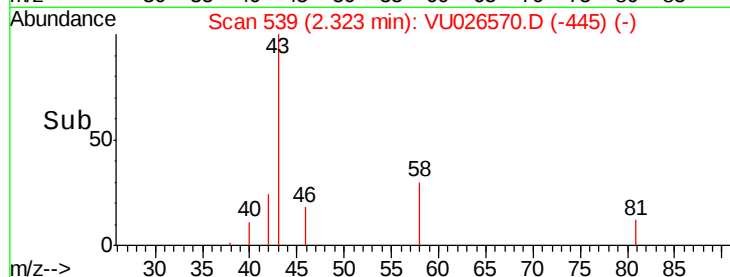
600

400

200

0

Time--> 2.28 2.30 2.32 2.34 2.36



#34

Trichloroethene

Concen: 2.322 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026570.D

Acq: 06 Sep 2018 02:18

Tgt Ion: 95 Resp: 2417

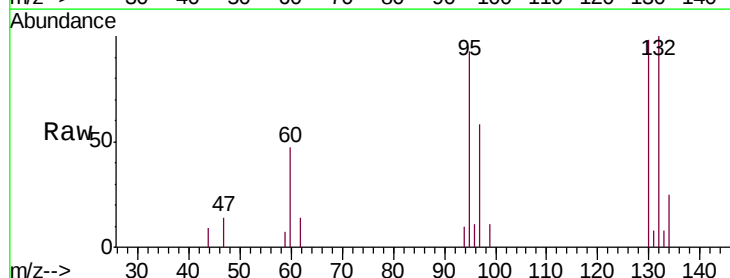
Ion Ratio Lower Upper

95 100

97 62.4 45.1 83.7

132 107.2 67.5 125.3

130 105.0 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

2000

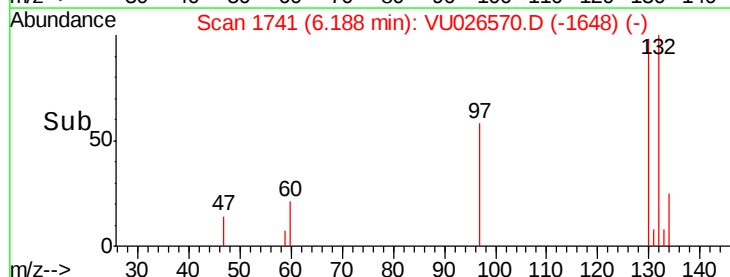
1500

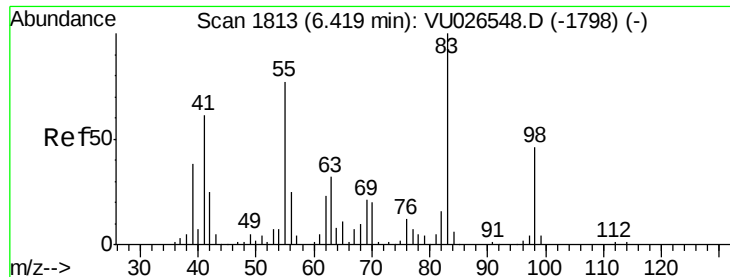
1000

500

0

Time--> 6.15 6.20

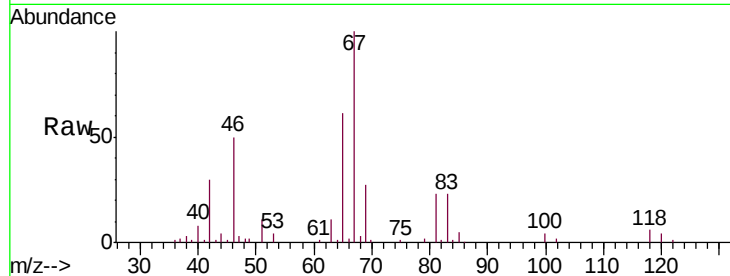




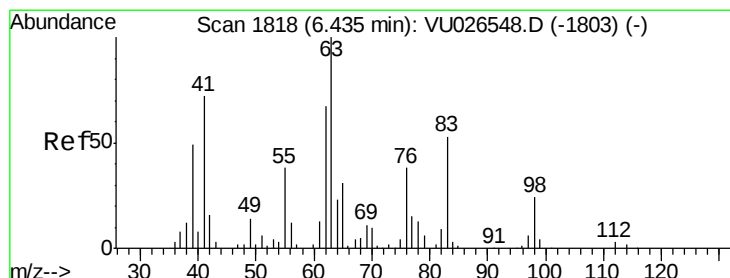
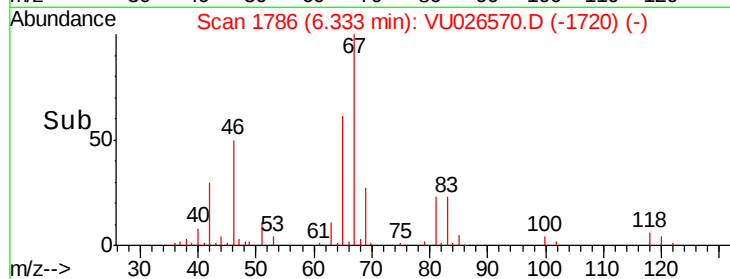
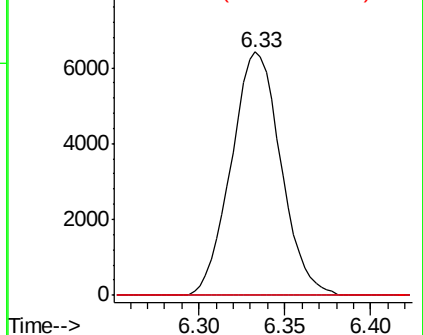
#35
Methylcyclohexane
Concen: 7.912 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026570.D
Acq: 06 Sep 2018 02:18

Instrument :
MSVOA_U
ClientSampleId :
BEGD1

Tgt Ion: 83 Resp: 12863
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 36.7 55.1#

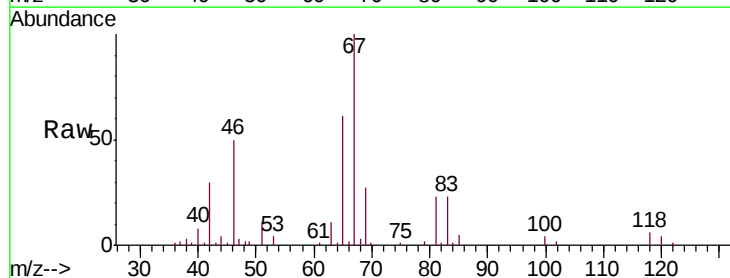


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

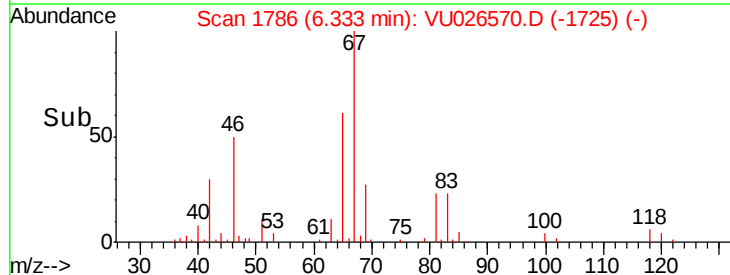
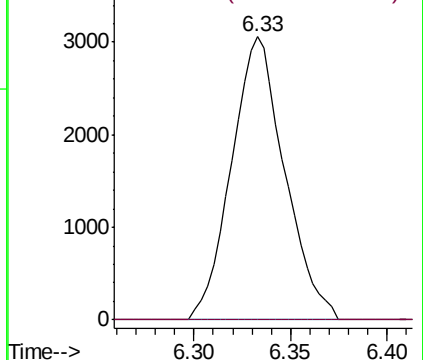


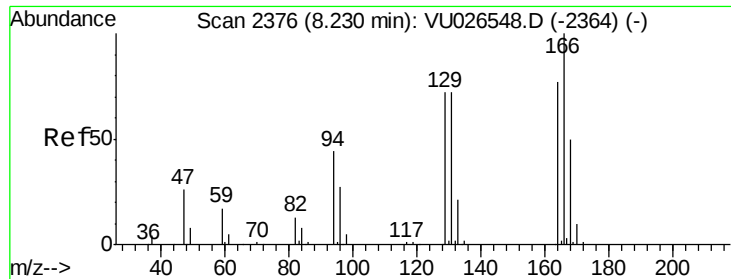
#37
1,2-Dichloropropane
Concen: 5.094 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026570.D
Acq: 06 Sep 2018 02:18

Tgt Ion: 63 Resp: 5853
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

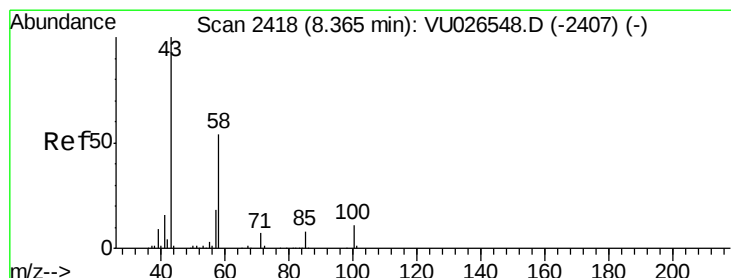
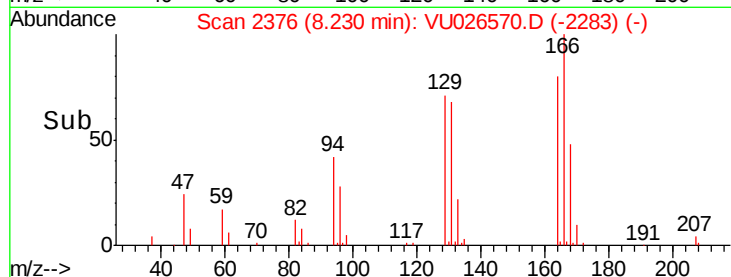
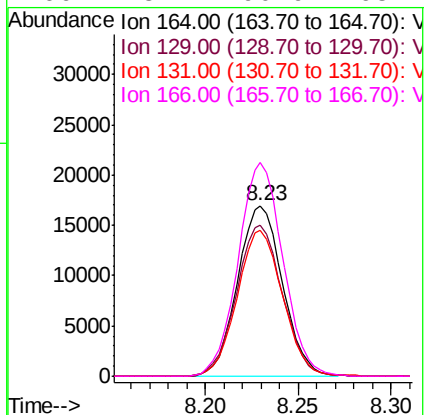
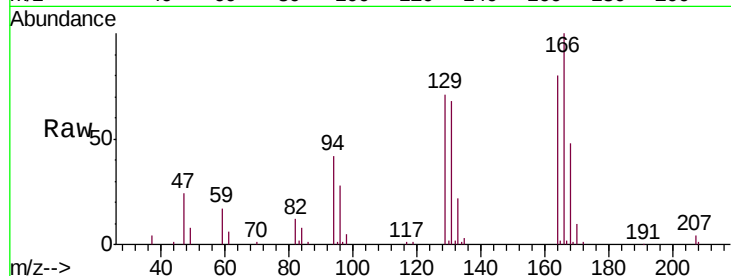




#46
Tetrachloroethene
Concen: 33.520 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026570.D
Acq: 06 Sep 2018 02:18

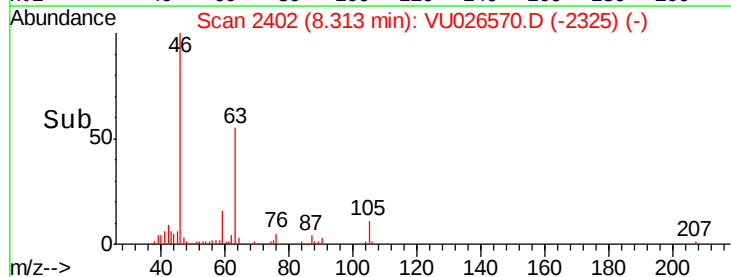
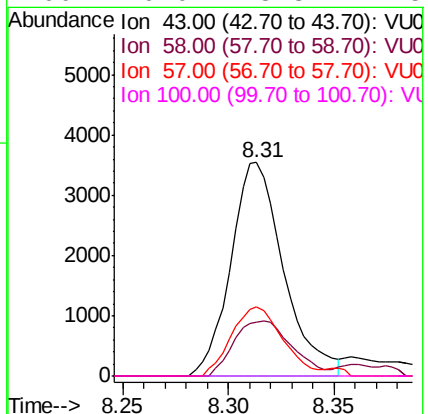
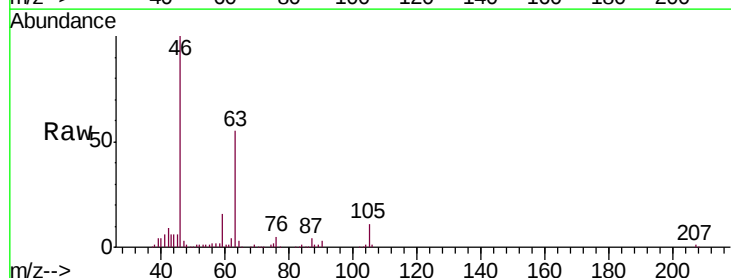
Instrument :
MSVOA_U
ClientSampleId :
BEGD1

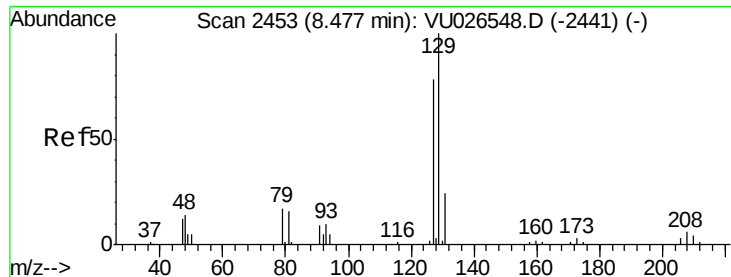
Tgt Ion:164 Resp: 28532
Ion Ratio Lower Upper
164 100
129 88.5 67.3 125.1
131 85.4 65.3 121.3
166 125.1 90.9 168.7



#48
2-Hexanone
Concen: 5.063 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026570.D
Acq: 06 Sep 2018 02:18

Tgt Ion: 43 Resp: 6179
Ion Ratio Lower Upper
43 100
58 28.1 42.2 63.4#
57 31.2 14.6 21.8#
100 0.0 8.3 12.5#





#49

Dibromochloromethane

Concen: 21.712 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026570.D

Acq: 06 Sep 2018 02:18

Instrument :

MSVOA_U

ClientSampleId :

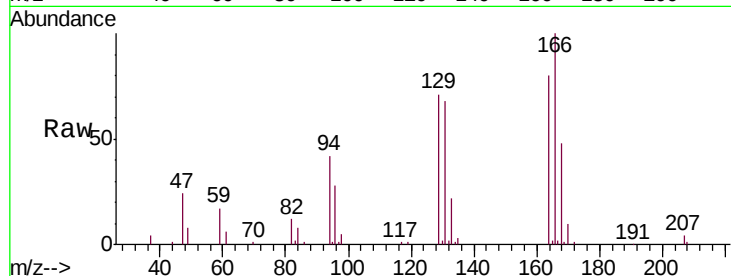
BEGD1

Tgt Ion:129 Resp: 25752

Ion Ratio Lower Upper

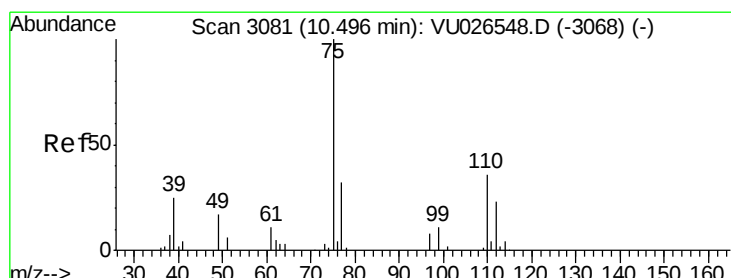
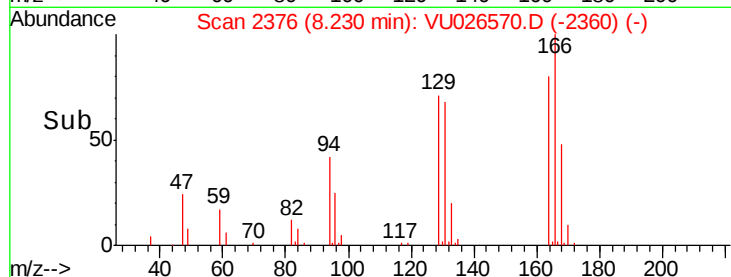
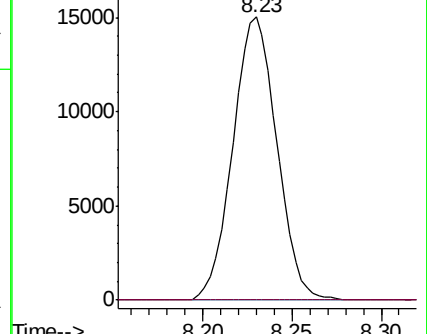
129 100

127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.931 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026570.D

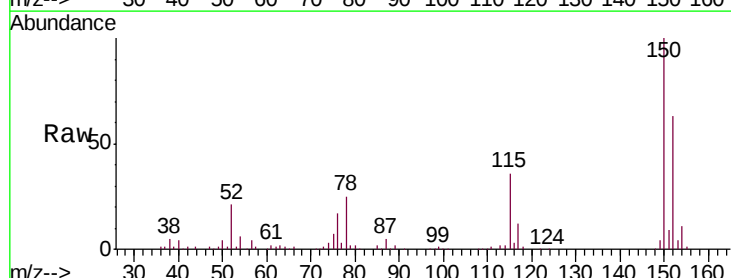
Acq: 06 Sep 2018 02:18

Tgt Ion: 75 Resp: 7070

Ion Ratio Lower Upper

75 100

77 34.7 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

