

Data File : VU035171.D
Acq On : 14 Oct 2019 23:52
Operator : JC/SP
Sample : K5317-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CE8

Quant Time: Oct 15 08:04:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	151862	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	161132	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61394	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44753	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.67	69	44792	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.26	63	64782	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.18	46	156996	59.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.78%
24) Chloroform-d	4.62	84	82646	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.29	65	51668	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.32	84	170012	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.31	67	62726	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.55	98	146084	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.84	79	18640	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.30	63	107328	49.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.28%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56108	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	53685	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

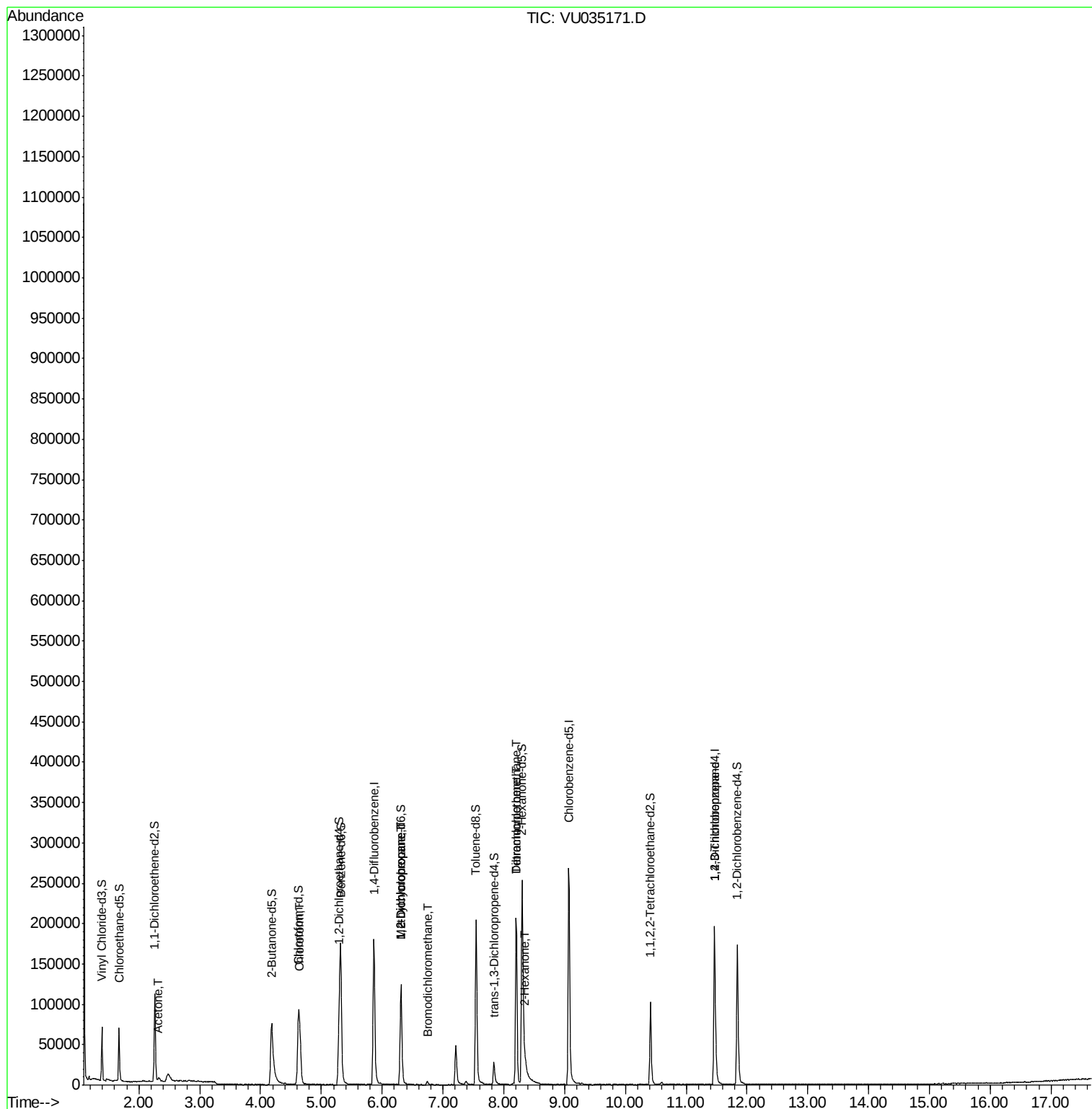
					Qvalue
13) Acetone	2.32	43	6127	2.830	ug/L 96
25) Chloroform	4.65	83	43053	1.846	ug/L 99
35) Methylcyclohexane	6.31	83	13868	0.684	ug/L # 18
37) 1,2-Dichloropropane	6.31	63	6716	0.513	ug/L # 88
38) Bromodichloromethane	6.74	83	3200	0.208	ug/L 96
47) Tetrachloroethene	8.21	164	46847	4.624	ug/L 98
48) 2-Hexanone	8.35	43	6567	1.162	ug/L # 42
49) Dibromochloromethane	8.21	129	44169	4.396	ug/L # 13
59) 1,2,3-Trichloropropane	11.47	75	8324	0.982	ug/L 96

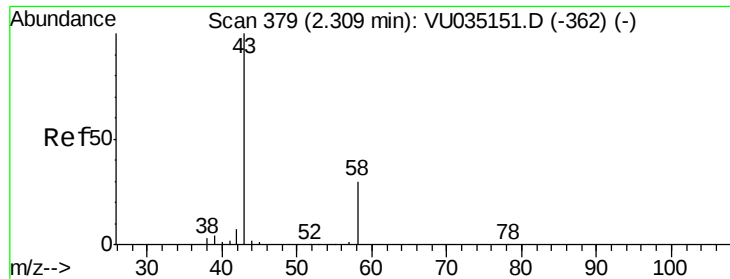
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.830 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VU035171.D

Acq: 14 Oct 2019 23:52

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MSVOA_U

ClientSampleId :

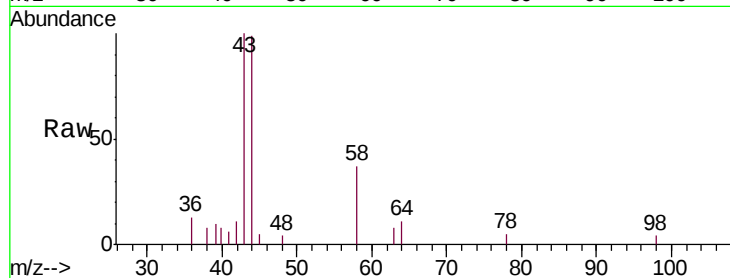
C0CE8

Tgt Ion: 43 Resp: 6127

Ion Ratio Lower Upper

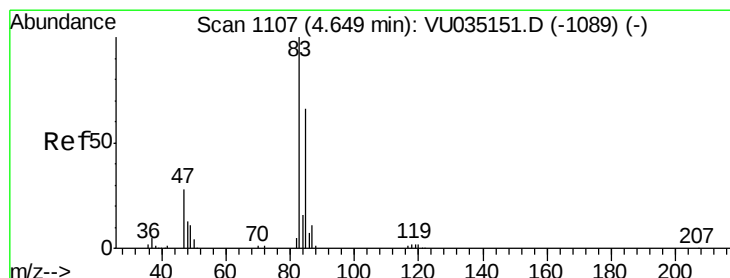
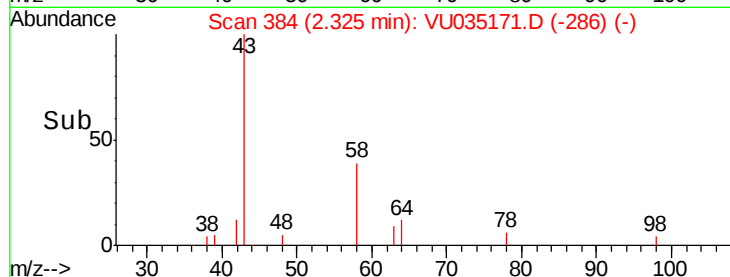
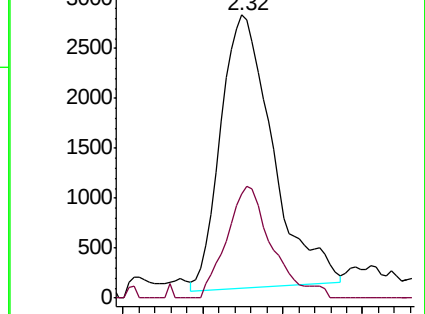
43 100

58 35.5 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035171.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU035171.D (-362) (-)



#25

Chloroform

Concen: 1.846 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU035171.D

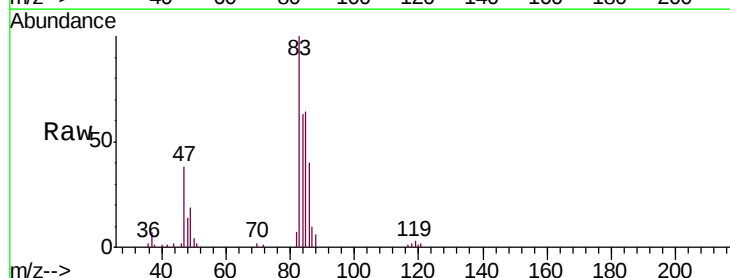
Acq: 14 Oct 2019 23:52

Tgt Ion: 83 Resp: 43053

Ion Ratio Lower Upper

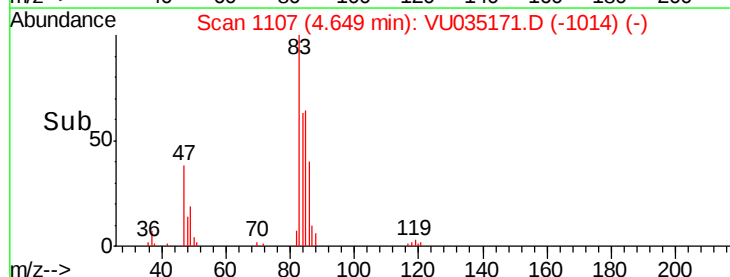
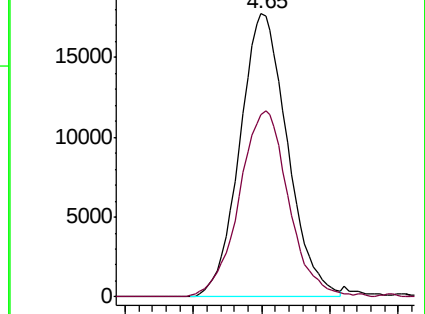
83 100

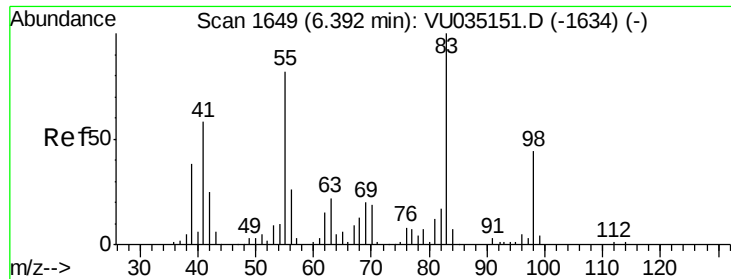
85 64.3 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035171.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU035171.D (-1089) (-)

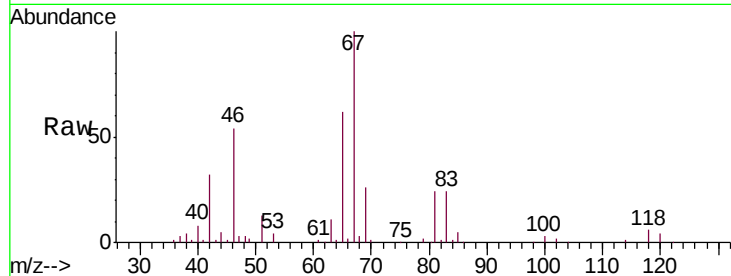




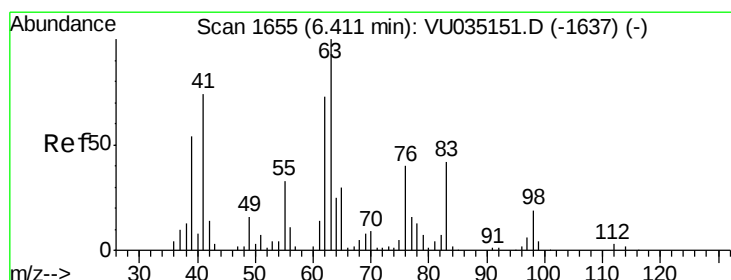
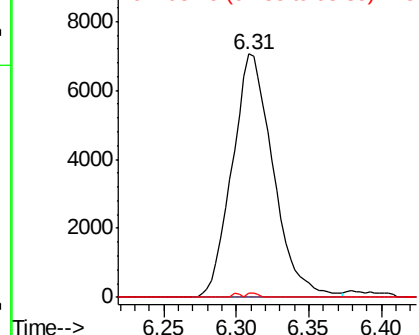
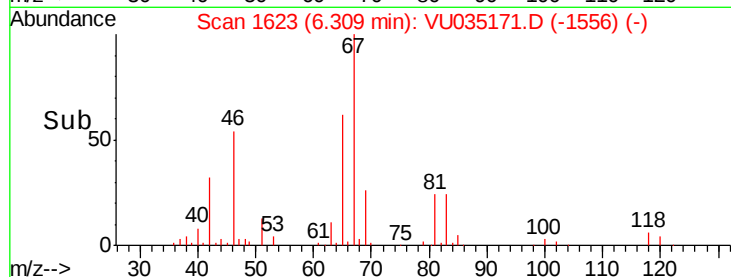
#35
Methylcyclohexane
Concen: 0.684 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035171.D
Acq: 14 Oct 2019 23:52

Instrument :
MSVOA_U
ClientSampleId :
C0CE8

Tgt Ion: 83 Resp: 13868
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.5 36.2 54.2#

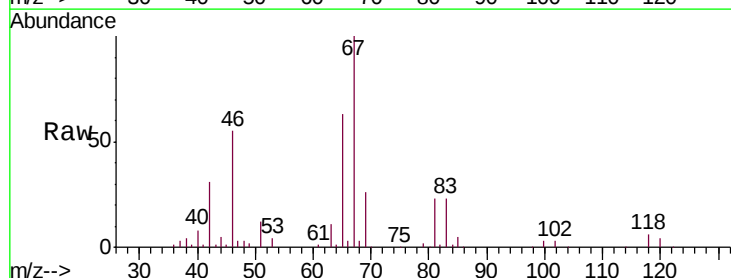


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

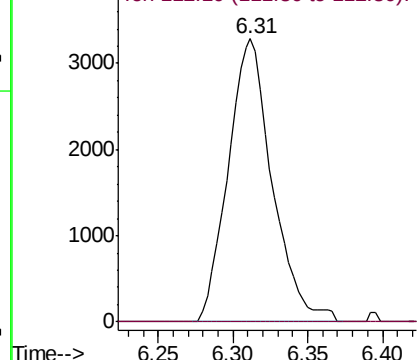
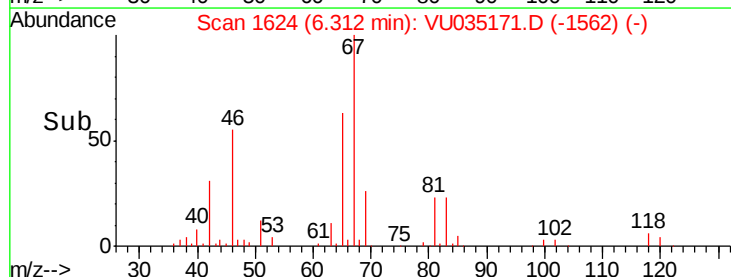


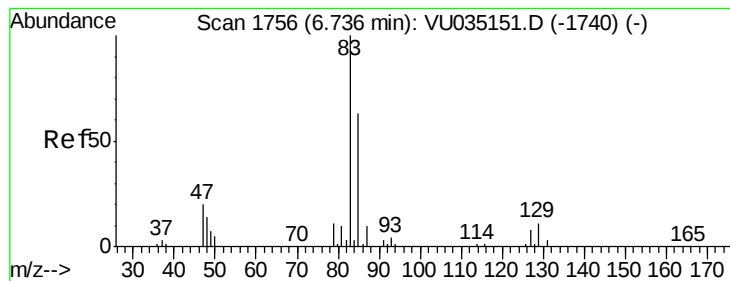
#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035171.D
Acq: 14 Oct 2019 23:52

Tgt Ion: 63 Resp: 6716
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.208 ug/L

RT: 6.74 min Scan# 1756

Delta R.T. 0.01 min

Lab File: VU035171.D

Acq: 14 Oct 2019 23:52

Instrument :

MSVOA_U

ClientSampleId :

C0CE8

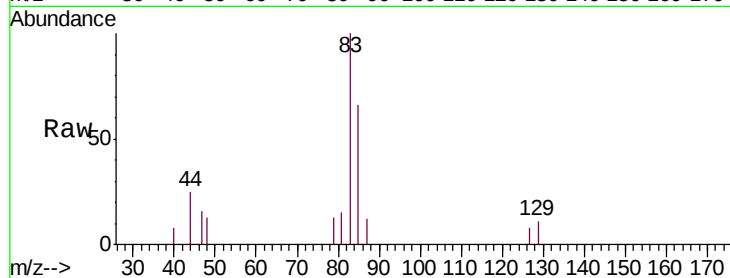
Tgt Ion: 83 Resp: 3200

Ion Ratio Lower Upper

83 100

85 66.0 44.0 81.8

127 8.5 7.0 10.4

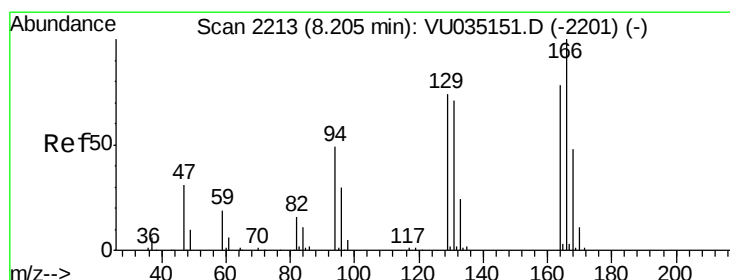
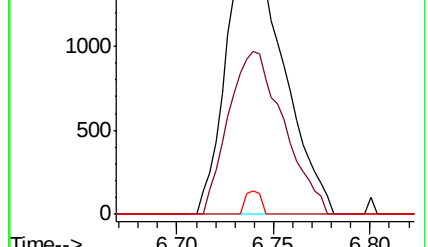
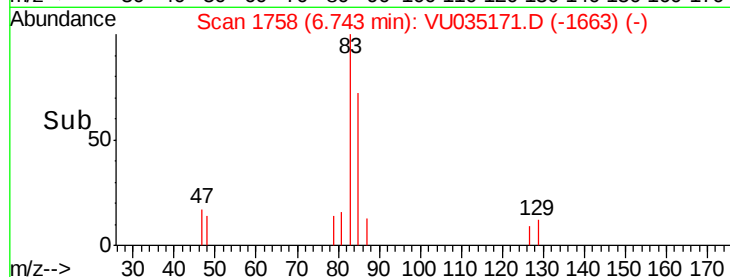


Abundance Ion 82.95 (82.65 to 83.65): VU035171.D (-1740) (-)

Ion 85.00 (84.70 to 85.70): VU035171.D (-1740) (-)

Ion 126.90 (126.60 to 127.60): VU035171.D (-1740) (-)

Time-->



#47

Tetrachloroethene

Concen: 4.624 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035171.D

Acq: 14 Oct 2019 23:52

Tgt Ion: 164 Resp: 46847

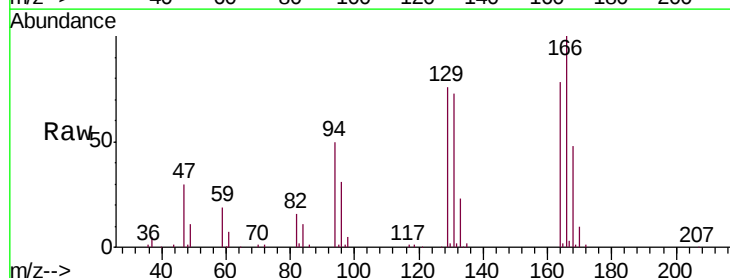
Ion Ratio Lower Upper

164 100

129 98.4 68.5 127.1

131 93.5 67.3 124.9

166 128.9 93.1 172.9



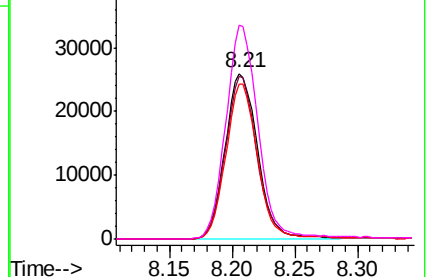
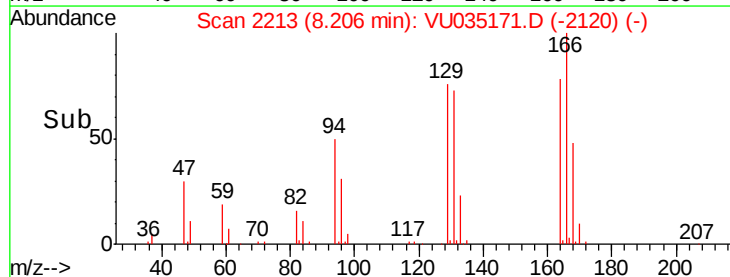
Abundance Ion 163.90 (163.60 to 164.60): VU035171.D (-2201) (-)

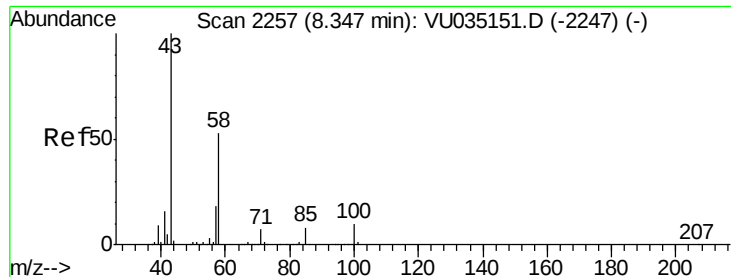
Ion 128.95 (128.65 to 129.65): VU035171.D (-2201) (-)

Ion 130.95 (130.65 to 131.65): VU035171.D (-2201) (-)

Ion 165.90 (165.60 to 166.60): VU035171.D (-2201) (-)

Time-->

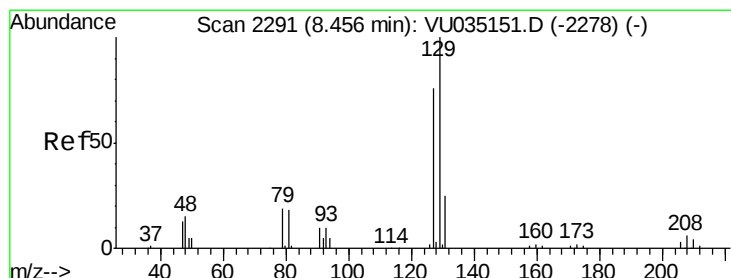
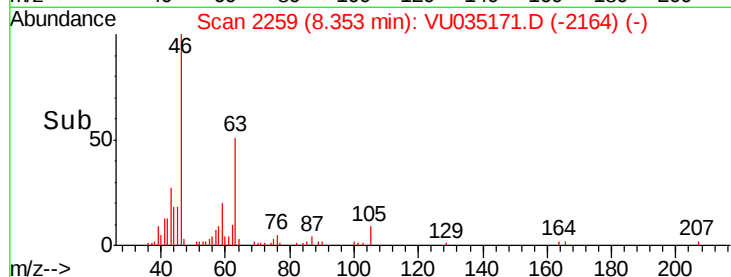
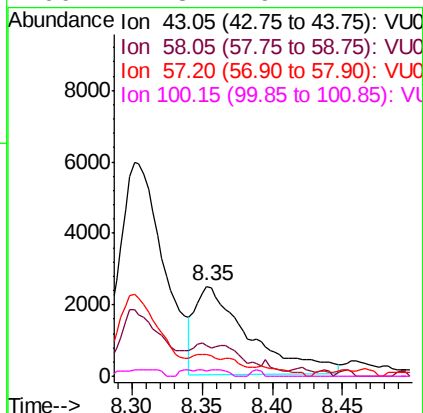
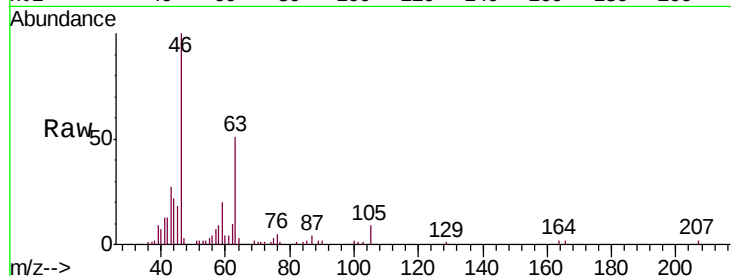




#48
2-Hexanone
Concen: 1.162 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. 0.01 min
Lab File: VU035171.D
Acq: 14 Oct 2019 23:52

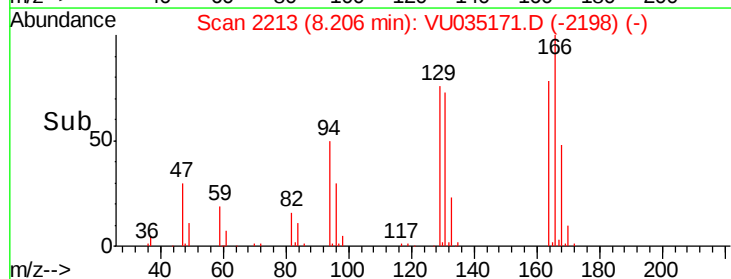
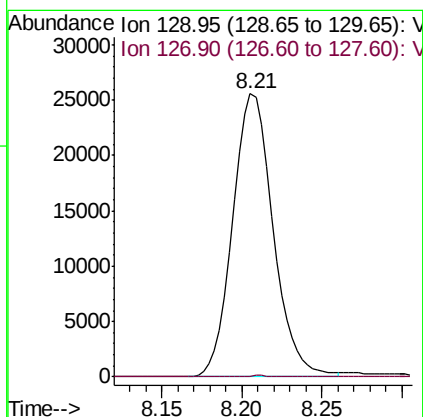
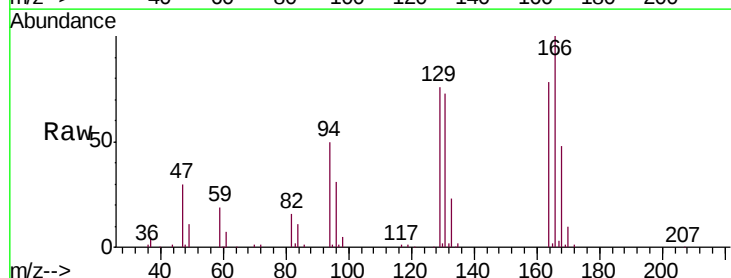
Instrument :
MSVOA_U
ClientSampleId :
C0CE8

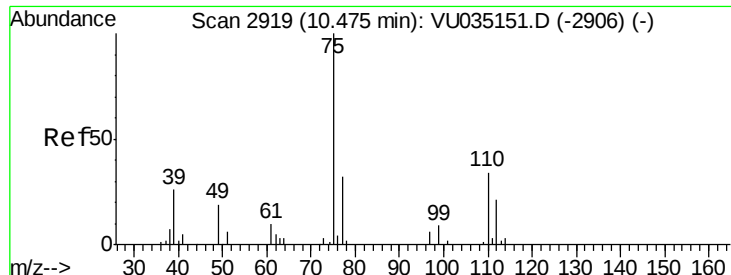
Tgt Ion:	43	Resp:	6567
Ion	Ratio	Lower	Upper
43	100		
58	2.5	44.1	66.1#
57	3.0	15.8	23.8#
100	2.3	9.4	14.2#



#49
Dibromochloromethane
Concen: 4.396 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU035171.D
Acq: 14 Oct 2019 23:52

Tgt Ion:	129	Resp:	44169
Ion	Ratio	Lower	Upper
129	100		
127	0.4	51.9	96.5#





#59

1,2,3-Trichloropropane

Concen: 0.982 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU035171.D

Acq: 14 Oct 2019 23:52

Instrument :

MSVOA_U

ClientSampleId :

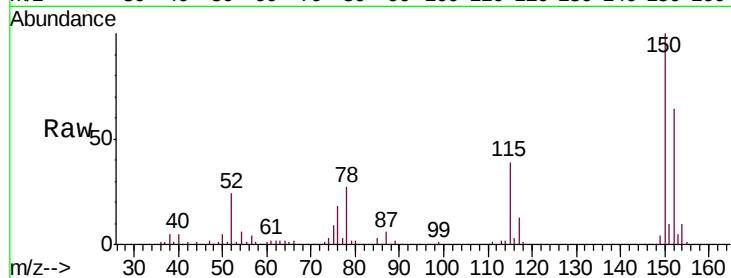
C0CE8

Tgt Ion: 75 Resp: 8324

Ion Ratio Lower Upper

75 100

77 35.5 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

