

Data File : VU034129.D
Acq On : 31 Aug 2019 17:37
Operator : JC/SP
Sample : K4500-16DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GANLODL

Quant Time: Sep 01 01:45:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 01 01:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	312100	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	314427	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	149322	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	109403	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.68	69	91709	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.26	63	155600	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.17	46	259135	53.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.74%
24) Chloroform-d	4.62	84	189395	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.29	65	97253	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.32	84	417538	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.31	67	130450	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.55	98	349550	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.84	79	43693	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.30	63	196407	50.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.10%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	98945	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	139292	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

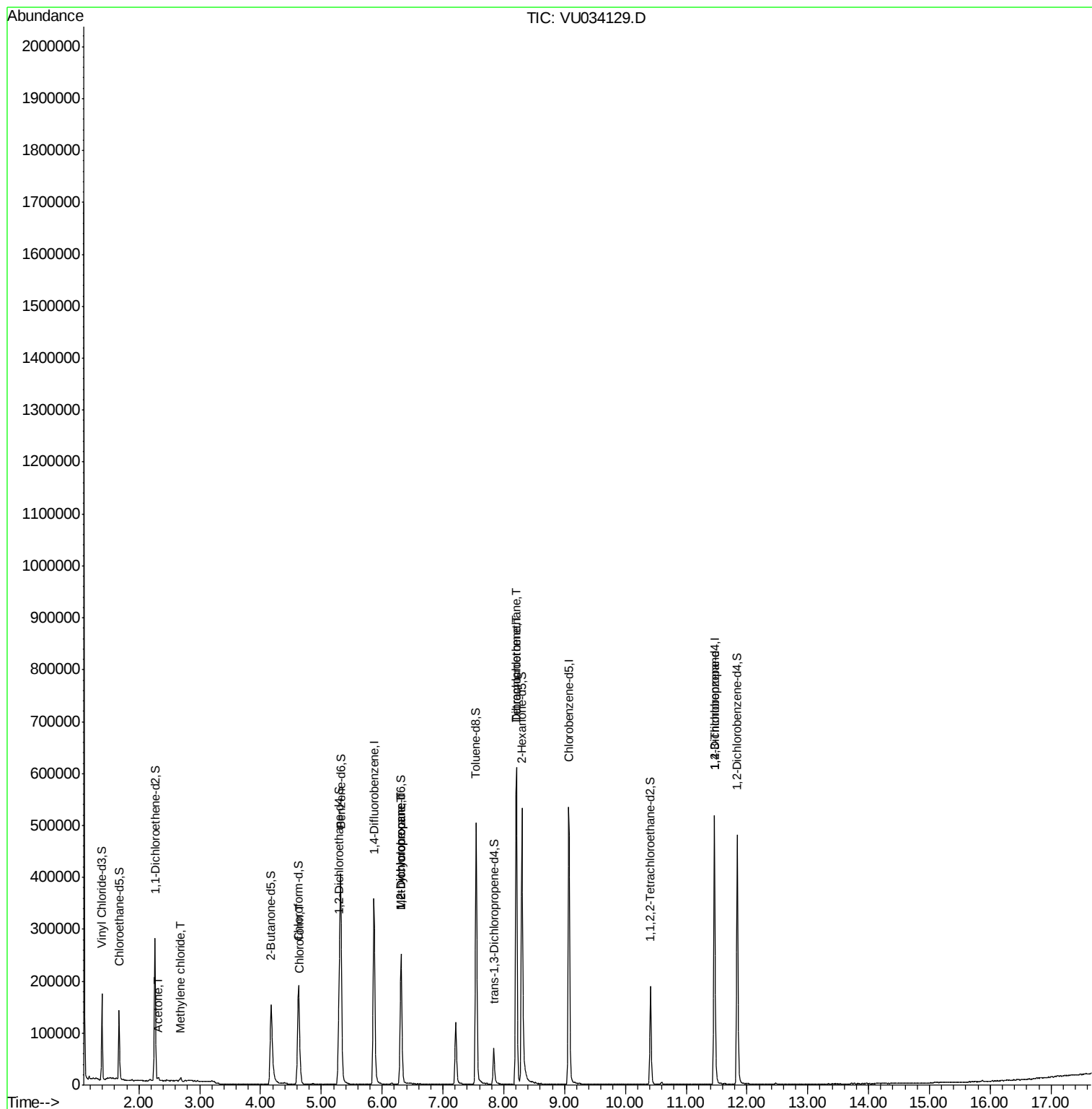
					Qvalue
13) Acetone	2.32	43	3953	1.216 ug/L	89
16) Methylene chloride	2.68	84	2526	0.115 ug/L	92
25) Chloroform	4.65	83	13476	0.320 ug/L	94
35) Methylcyclohexane	6.31	83	28980	0.713 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	13212	0.539 ug/L #	90
47) Tetrachloroethene	8.21	164	144904	7.193 ug/L	98
49) Dibromochloromethane	8.21	129	136313	7.311 ug/L #	11
59) 1,2,3-Trichloropropane	11.47	75	16935	1.207 ug/L	96

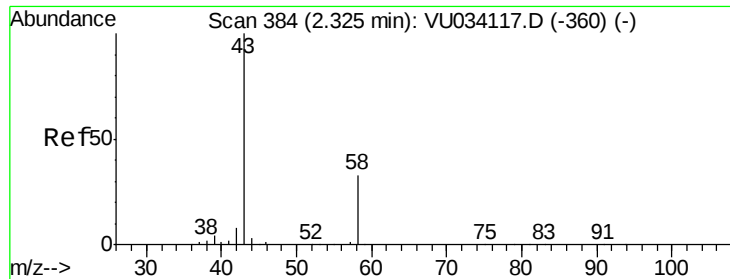
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.216 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU034129.D

Acq: 31 Aug 2019 17:37

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MSVOA_U

ClientSampleId :

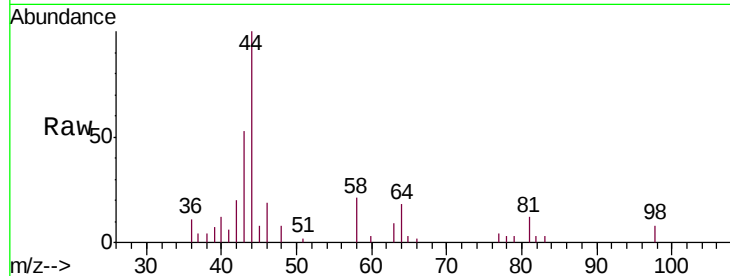
GANLODL

Tgt Ion: 43 Resp: 3953

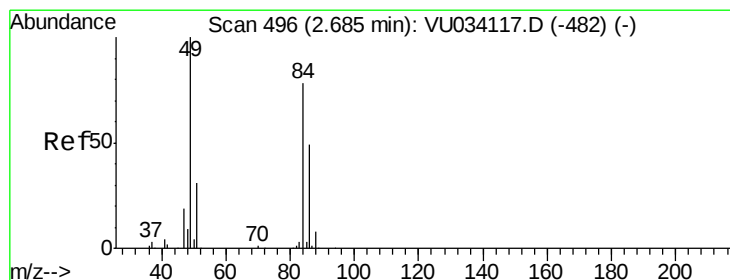
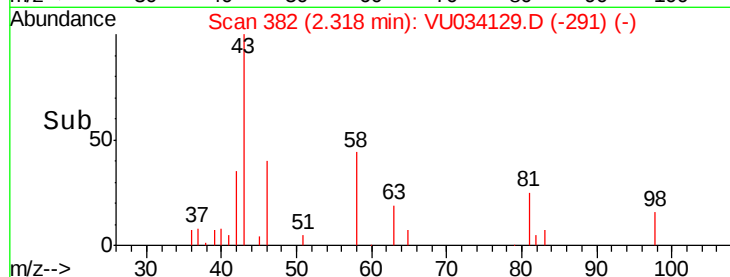
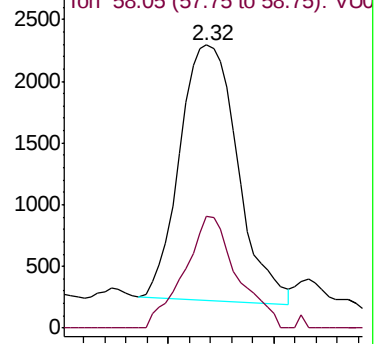
Ion Ratio Lower Upper

43 100

58 40.1 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034129.D (-291) (-)



#16

Methylene chloride

Concen: 0.115 ug/L

RT: 2.68 min Scan# 496

Delta R.T. -0.00 min

Lab File: VU034129.D

Acq: 31 Aug 2019 17:37

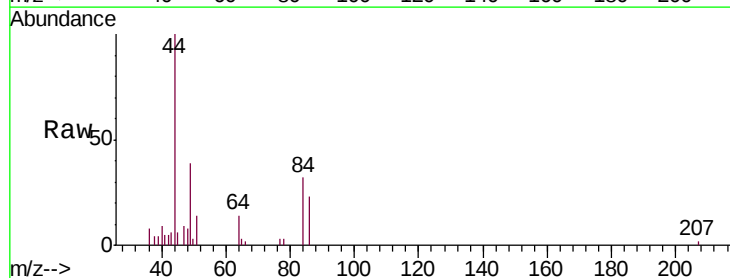
Tgt Ion: 84 Resp: 2526

Ion Ratio Lower Upper

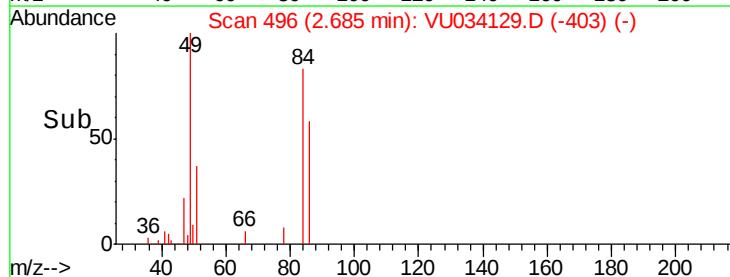
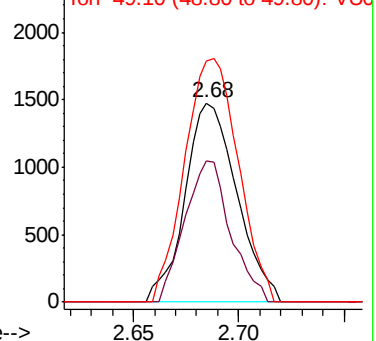
84 100

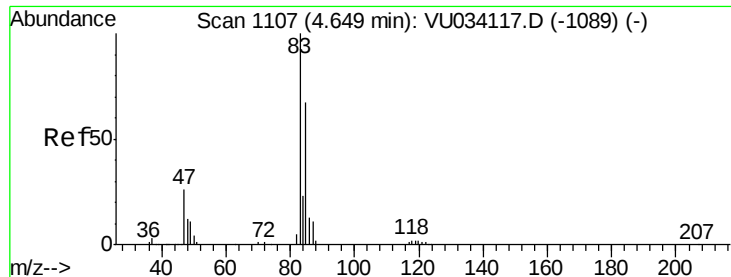
86 70.7 44.4 82.5

49 121.0 90.2 167.4



Abundance Ion 84.05 (83.75 to 84.75): VU034129.D (-403) (-)

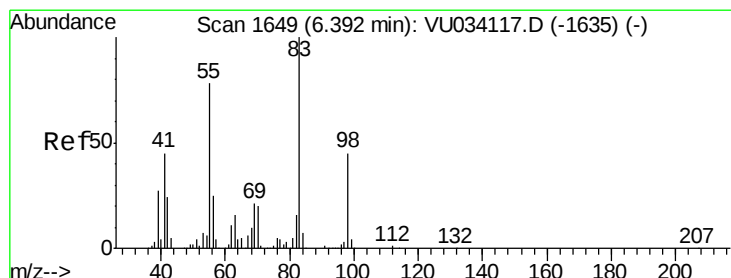
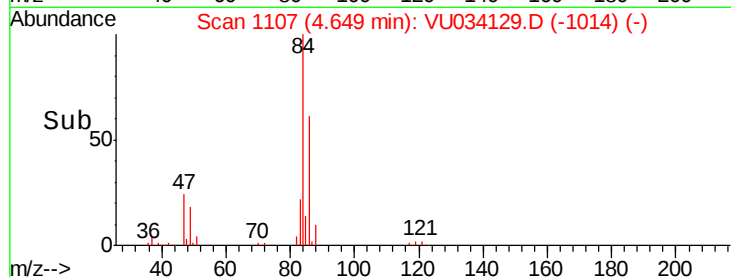
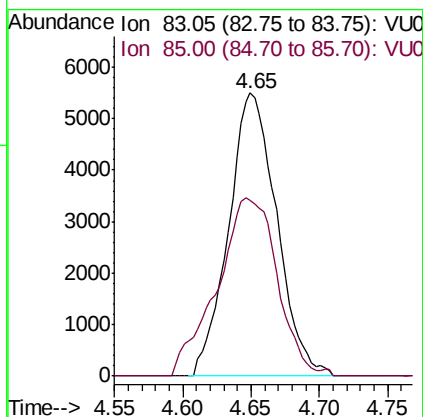
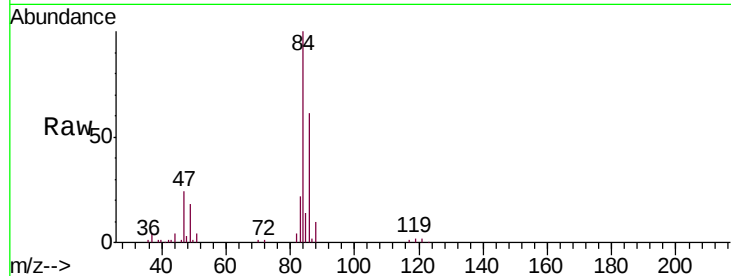




#25
Chloroform
Concen: 0.320 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034129.D
Acq: 31 Aug 2019 17:37

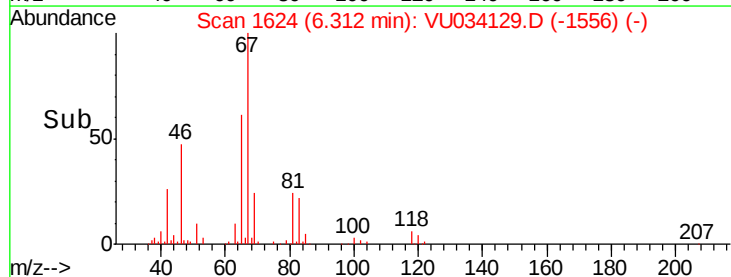
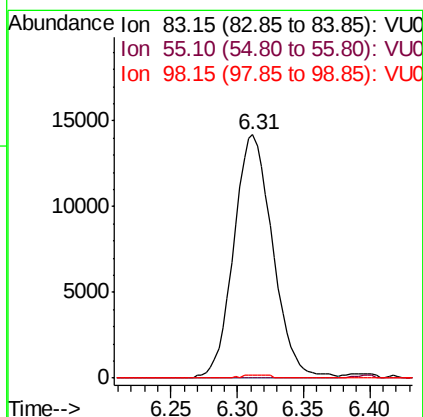
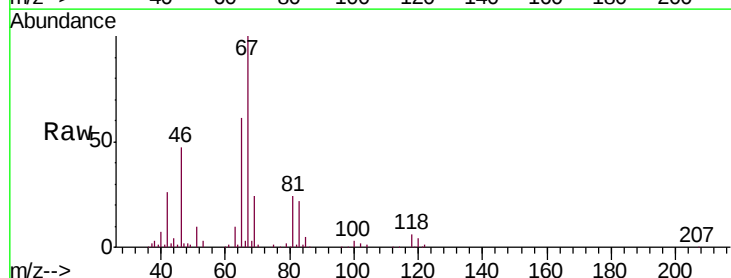
Instrument :
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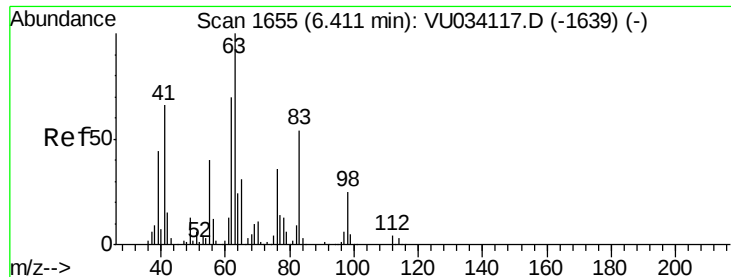
Tgt Ion: 83 Resp: 13476
Ion Ratio Lower Upper
83 100
85 62.2 46.8 86.8



#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034129.D
Acq: 31 Aug 2019 17:37

Tgt Ion: 83 Resp: 28980
Ion Ratio Lower Upper
83 100
55 0.6 62.6 94.0#
98 0.9 36.2 54.2#

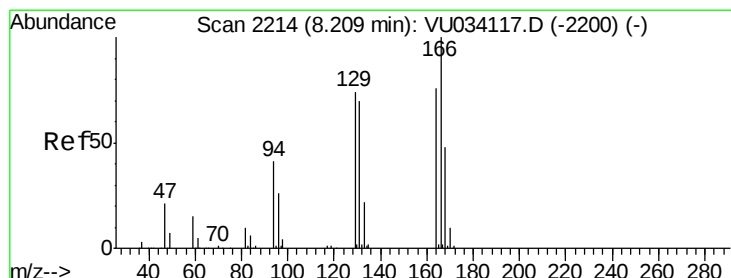
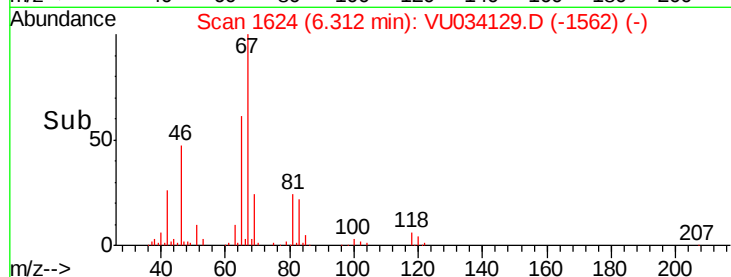
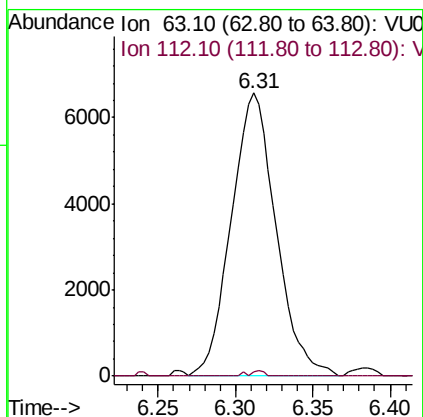
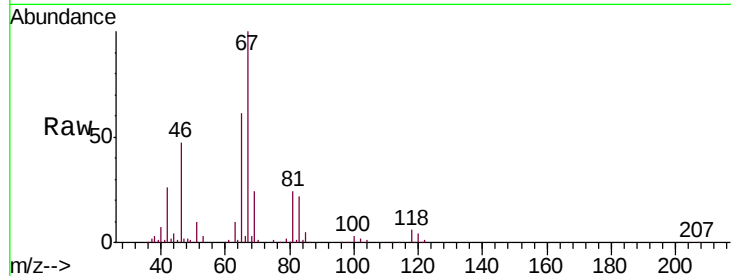




#37
 1,2-Dichloropropane
 Concen: 0.539 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU034129.D
 Acq: 31 Aug 2019 17:37

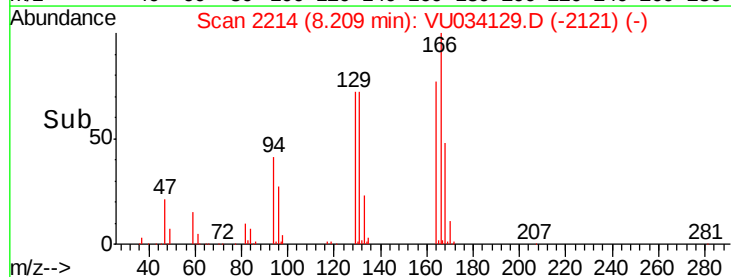
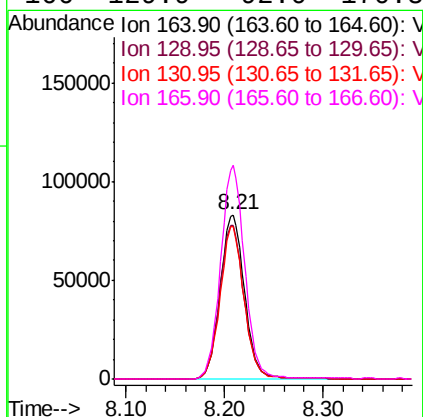
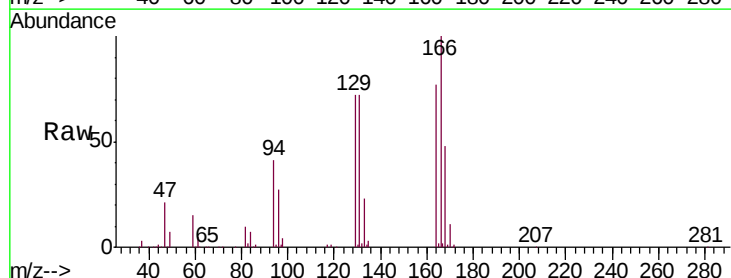
Instrument :
 MSVOA_U
 ClientSampleId :
 GANLODL

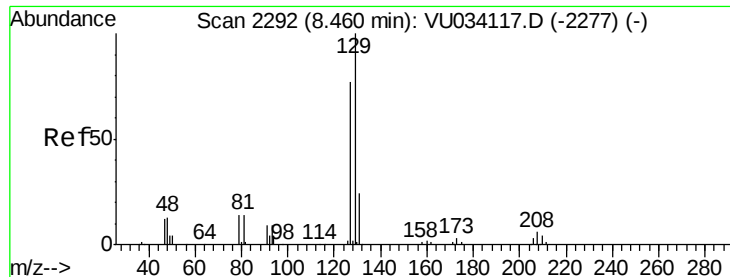
Tgt Ion: 63 Resp: 13212
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.3 4.9#



#47
 Tetrachloroethene
 Concen: 7.193 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VU034129.D
 Acq: 31 Aug 2019 17:37

Tgt Ion: 164 Resp: 144904
 Ion Ratio Lower Upper
 164 100
 129 93.5 68.0 126.2
 131 93.1 64.6 120.0
 166 129.9 92.0 170.8





#49

Dibromochloromethane

Concen: 7.311 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.25 min

Lab File: VU034129.D

Acq: 31 Aug 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

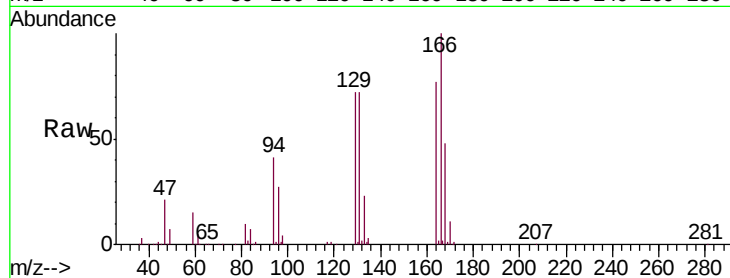
GANLODL

Tgt Ion:129 Resp: 136313

Ion Ratio Lower Upper

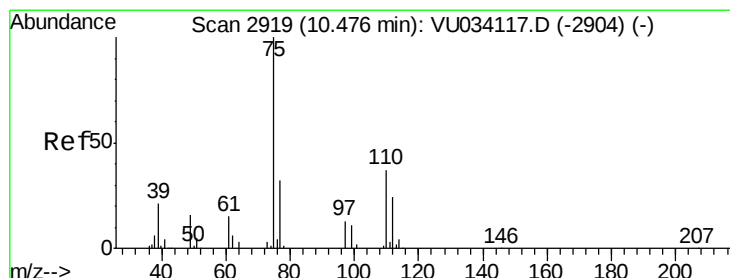
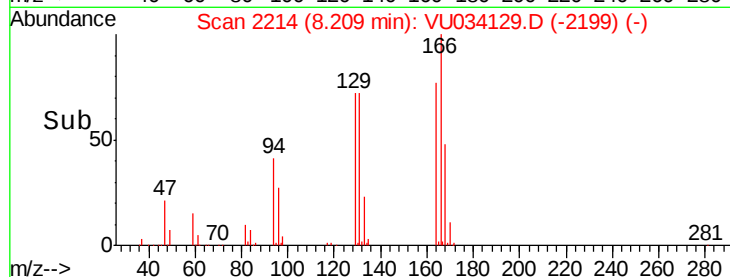
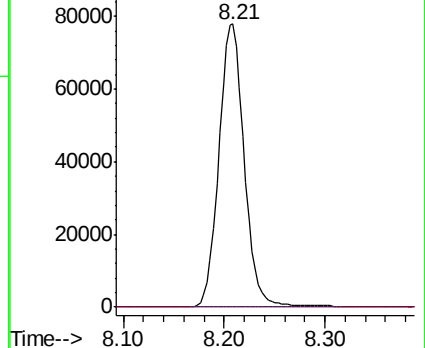
129 100

127 0.0 54.2 100.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.207 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU034129.D

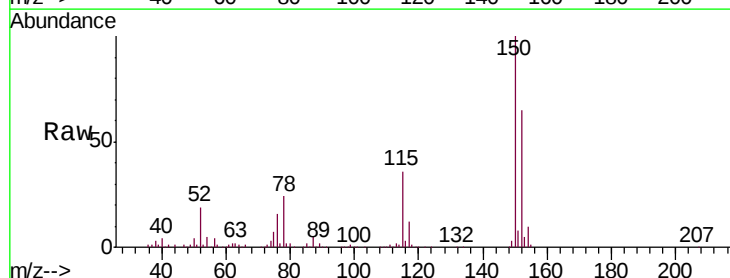
Acq: 31 Aug 2019 17:37

Tgt Ion: 75 Resp: 16935

Ion Ratio Lower Upper

75 100

77 34.8 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

