

Data File : VU034124.D
Acq On : 31 Aug 2019 15:36
Operator : JC/SP
Sample : K4501-09DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GANM4DL

Quant Time: Sep 01 01:44:19 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	5.86	114	340169	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	330449	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	158593	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	113443	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.67	69	96482	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.26	63	163010	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.17	46	276890	52.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.64%
24) Chloroform-d	4.62	84	204642	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.29	65	104460	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.32	84	443876	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.31	67	139536	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.55	98	382439	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.84	79	46034	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.30	63	211094	51.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.38%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	102995	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	149744	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

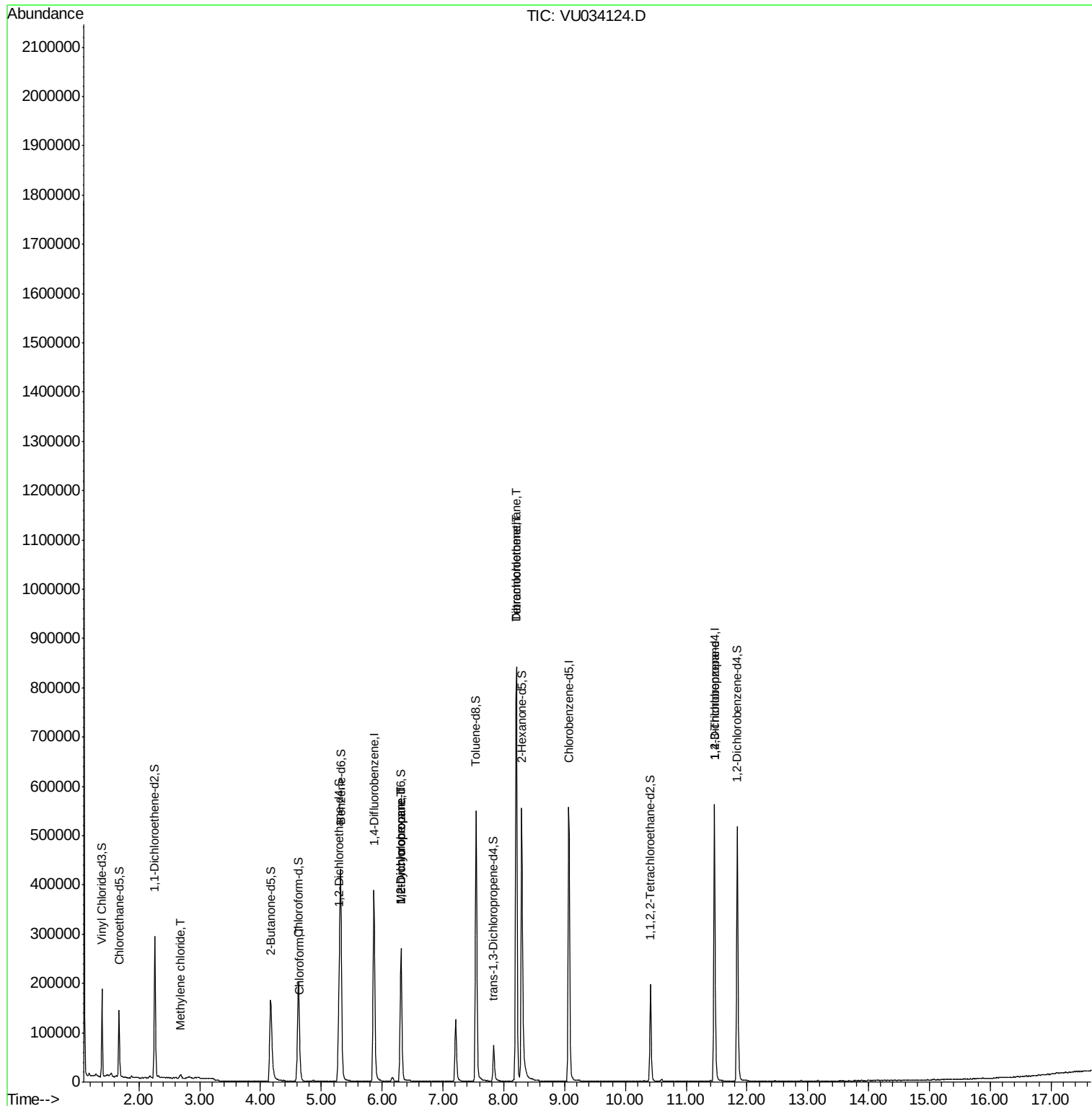
					Qvalue
16) Methylene chloride	2.68	84	3317	0.138 ug/L	87
25) Chloroform	4.66	83	8992	0.196 ug/L	90
35) Methylcyclohexane	6.31	83	30894	0.724 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	14171	0.550 ug/L #	89
47) Tetrachloroethene	8.21	164	202335	9.557 ug/L	96
49) Dibromochloromethane	8.21	129	188742	9.633 ug/L #	11
59) 1,2,3-Trichloropropane	11.47	75	18123	1.229 ug/L	96

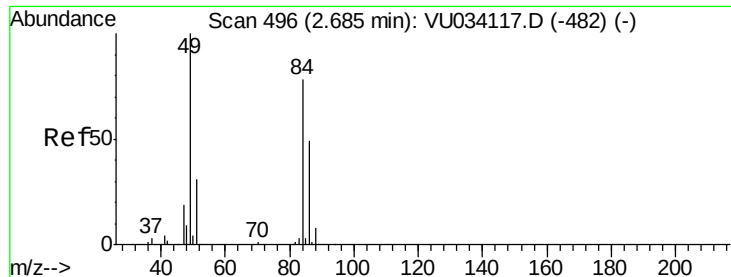
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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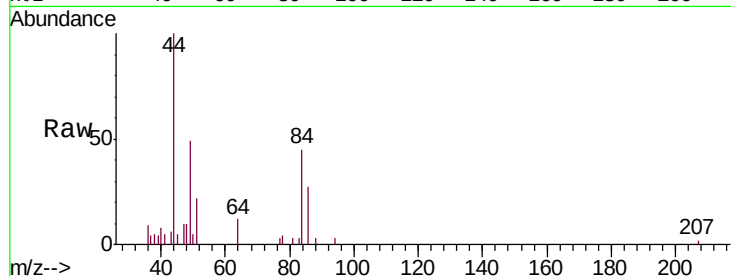




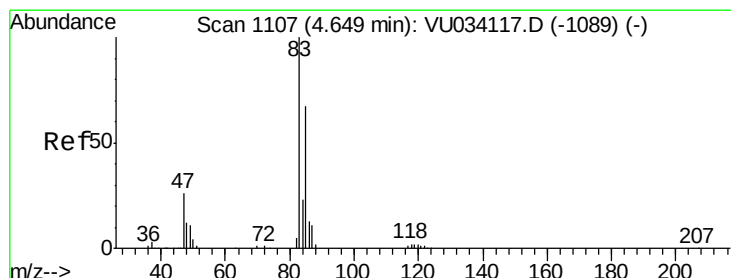
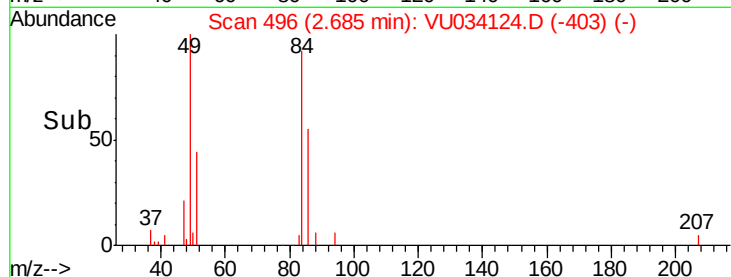
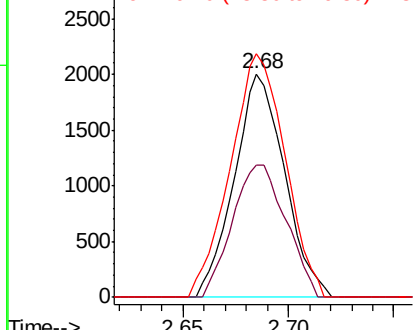
#16
Methylene chloride
Concen: 0.138 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034124.D
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Instrument :
MSVOA_U
ClientSampleId :
GANM4DL

Tgt Ion: 84 Resp: 3317
Ion Ratio Lower Upper
84 100
86 59.4 44.4 82.5
49 108.9 90.2 167.4

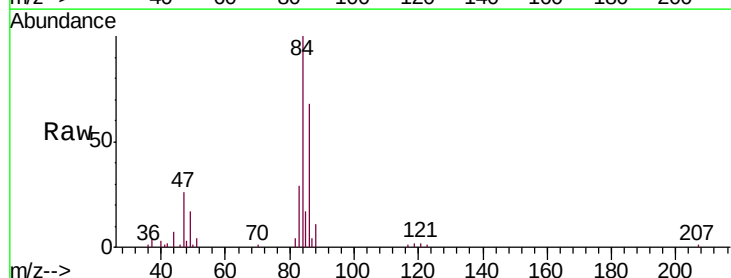


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

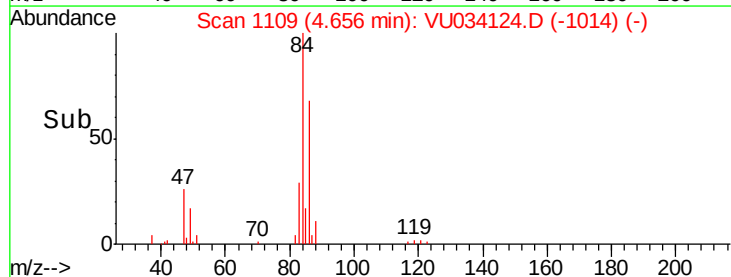
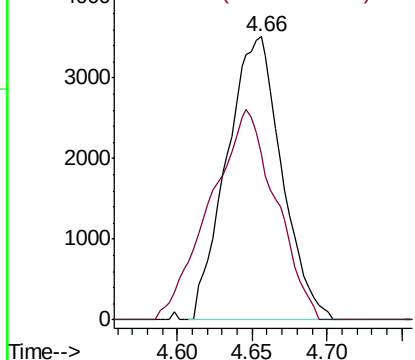


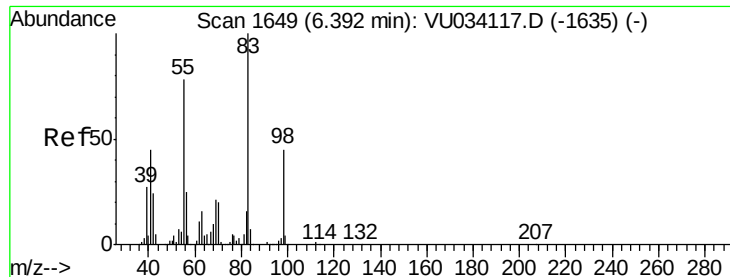
#25
Chloroform
Concen: 0.196 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU034124.D
Acq: 31 Aug 2019 15:36

Tgt Ion: 83 Resp: 8992
Ion Ratio Lower Upper
83 100
85 58.5 46.8 86.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#35

Methylcyclohexane

Concen: 0.724 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU034124.D

Acq: 31 Aug 2019 15:36

Instrument :

MSVOA_U

ClientSampleId :

GANM4DL

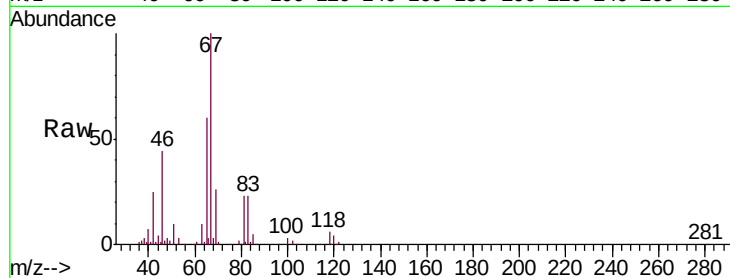
Tgt Ion: 83 Resp: 30894

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

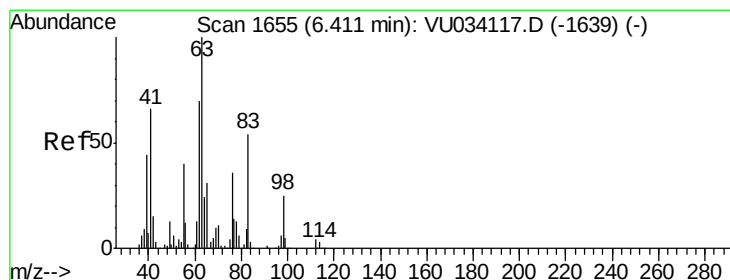
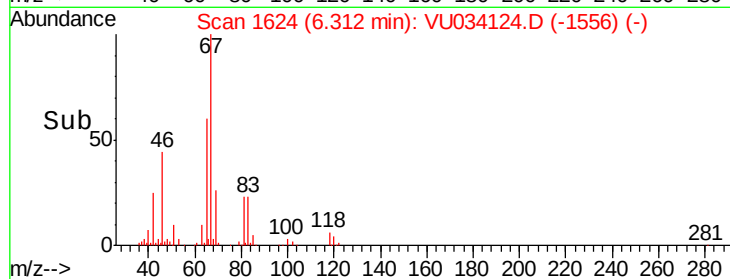
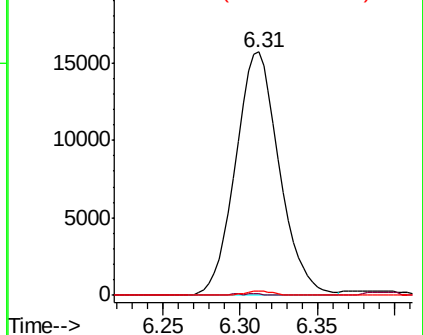
98 1.1 36.2 54.2#



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: 0.550 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU034124.D

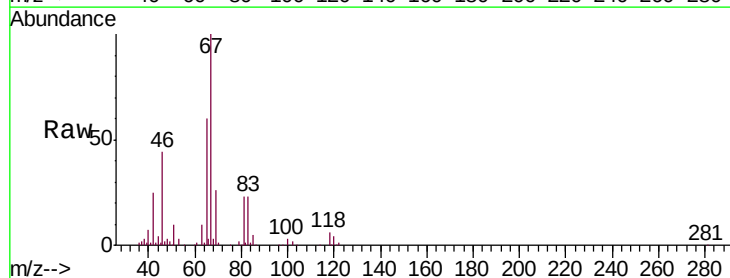
Acq: 31 Aug 2019 15:36

Tgt Ion: 63 Resp: 14171

Ion Ratio Lower Upper

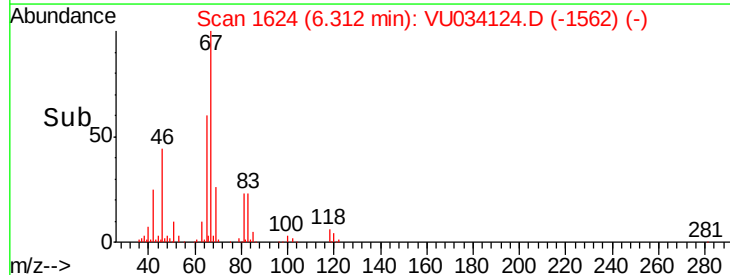
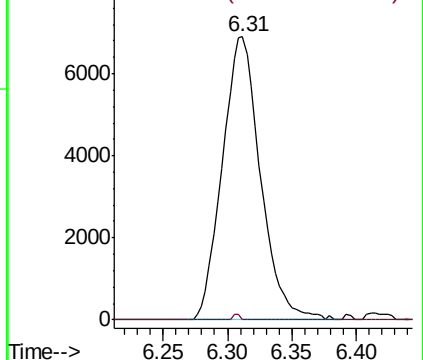
63 100

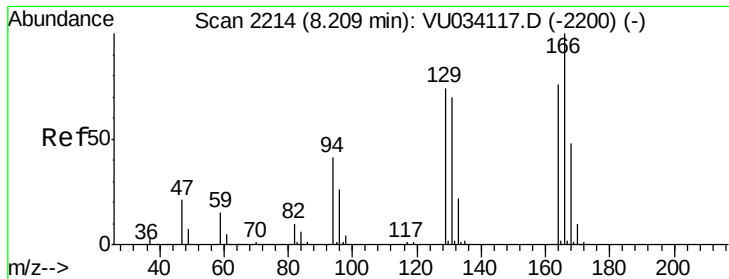
112 0.3 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

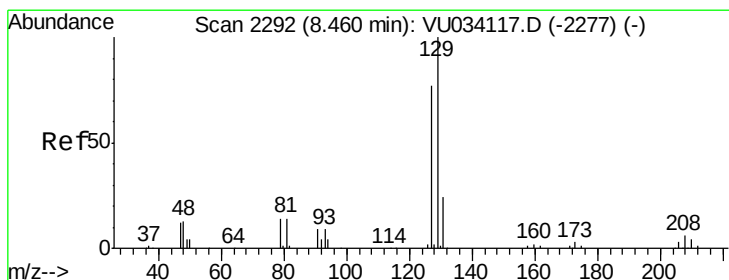
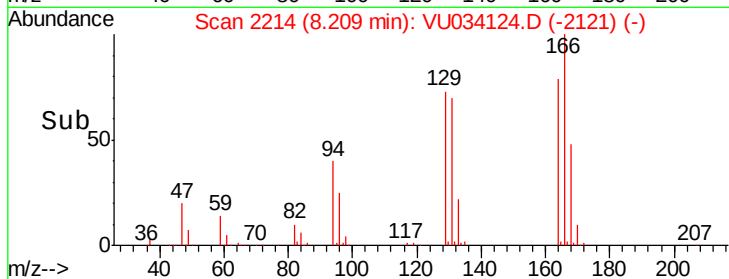
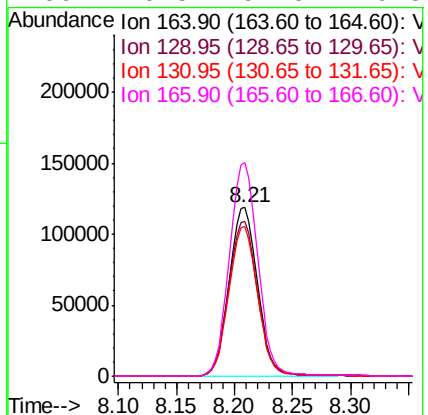
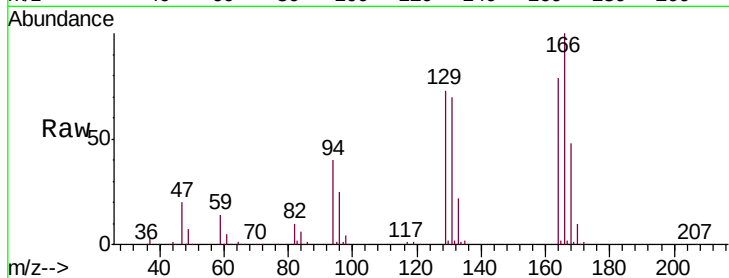




#47
Tetrachloroethene
Concen: 9.557 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034124.D
Acq: 31 Aug 2019 15:36

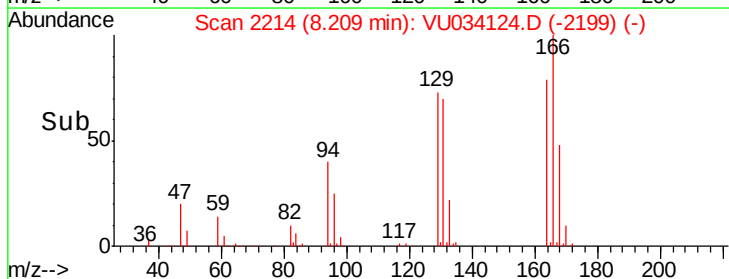
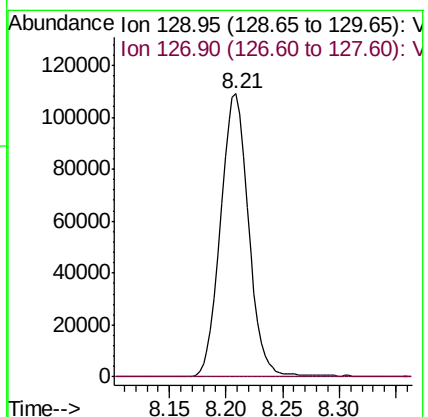
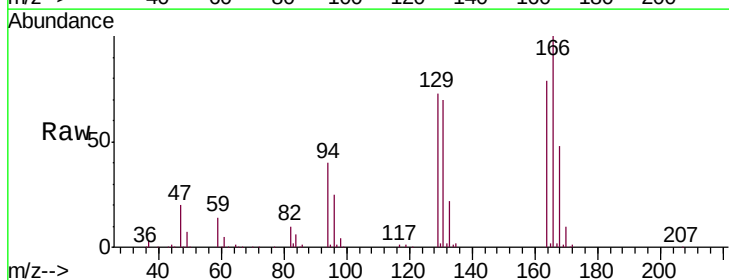
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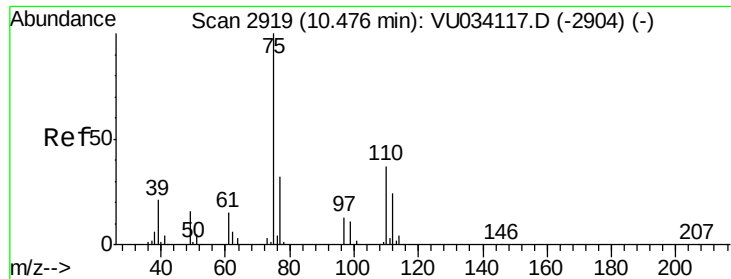
Tgt Ion:	164	Resp:	202335
Ion	Ratio	Lower	Upper
164	100		
129	91.8	68.0	126.2
131	88.5	64.6	120.0
166	126.5	92.0	170.8



#49
Dibromochloromethane
Concen: 9.633 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU034124.D
Acq: 31 Aug 2019 15:36

Tgt Ion:	129	Resp:	188742
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59

1,2,3-Trichloropropane

Concen: 1.229 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU034124.D

Acq: 31 Aug 2019 15:36

Instrument :

MSVOA_U

ClientSampleId :

GANM4DL

Tgt Ion: 75 Resp: 18123

Ion Ratio Lower Upper

75 100

77 34.6 26.0 39.0

