

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040874.D
 Acq On : 21 Oct 2020 15:35
 Operator : SY/MD
 Sample : L4428-09DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ44DL

Quant Time: Oct 22 01:20:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	228990	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	235273	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	102998	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	84651	5.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.80%
7) Chloroethane-d5	1.92	69	72996	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.58	63	128323	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.65	46	366912	65.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.66%#
24) Chloroform-d	5.08	84	176116	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.72	65	111228	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.75	84	320816	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.70	67	109483	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.91	98	254382	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.19	79	43251	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.64	63	274391	65.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.26%#
57) 1,1,2,2-Tetrachloroethane-	10.75	84	102776	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	103744	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

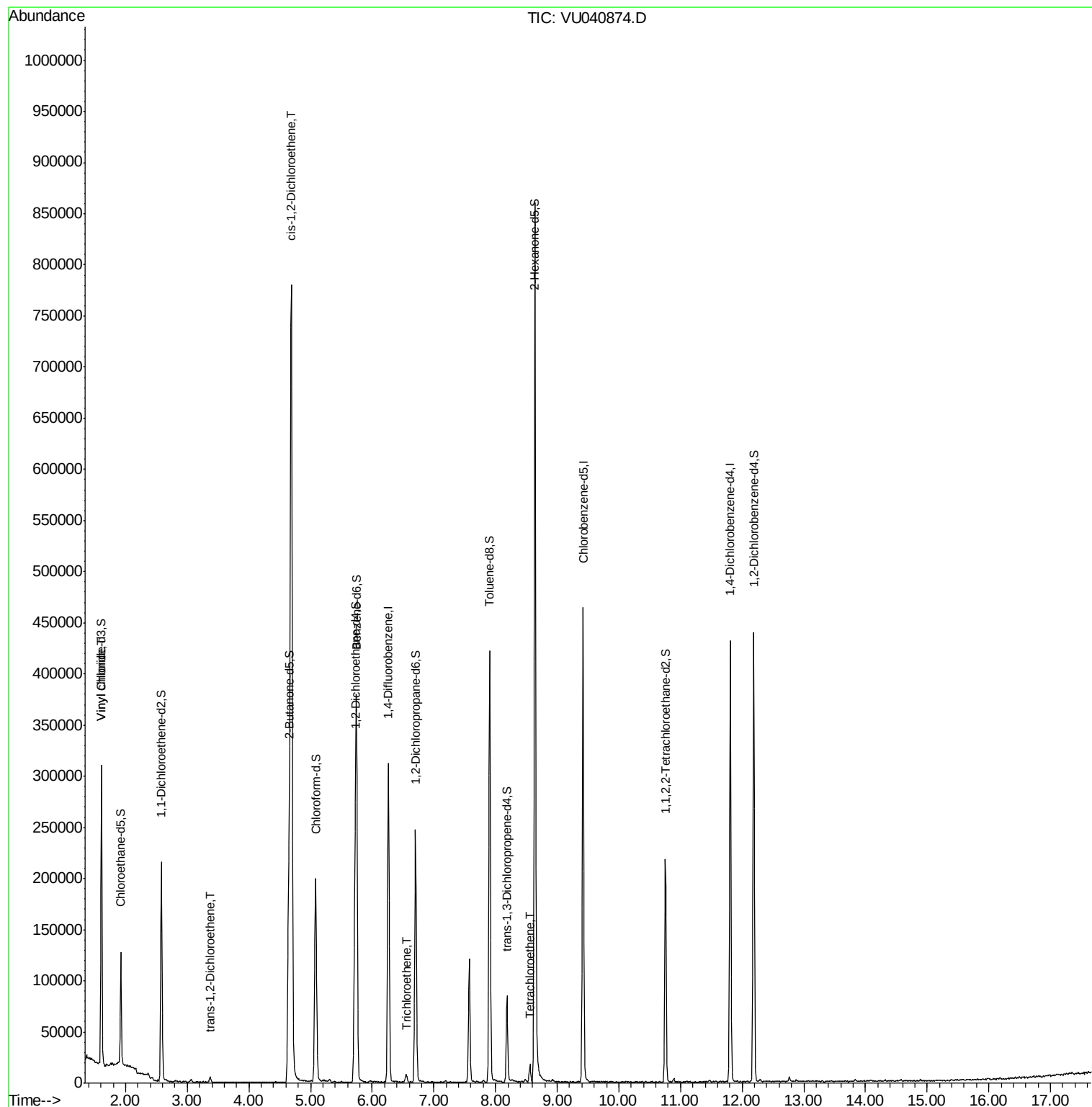
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	123885	5.280	ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	2074	0.119	ug/L #	75
22) cis-1,2-Dichloroethene	4.69	96	359724	18.835	ug/L	98
34) Trichloroethene	6.56	95	1821	0.095	ug/L	94
47) Tetrachloroethene	8.56	164	3707	0.259	ug/L	87

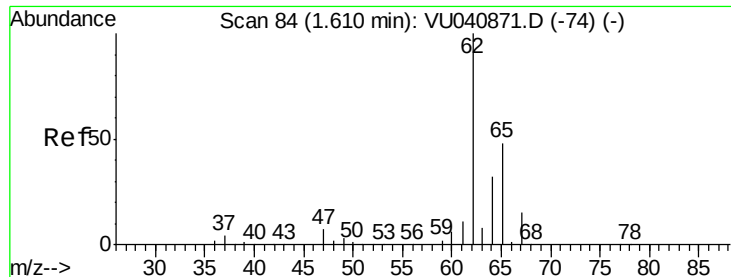
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.280 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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ClientSampleId :

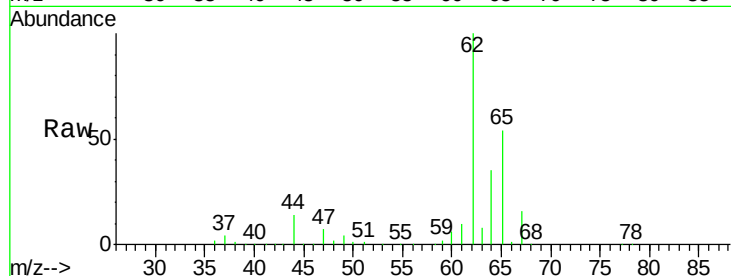
ETZ44DL

Tot Ion: 62 Resp: 123885

Ion Ratio Lower Upper

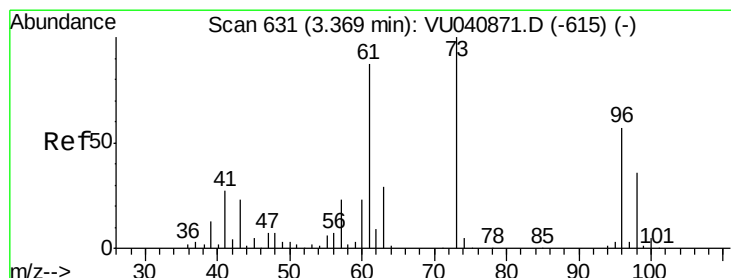
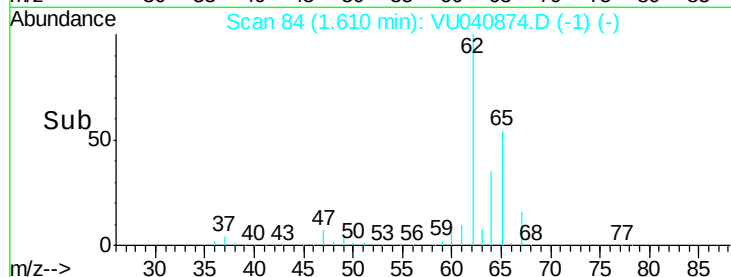
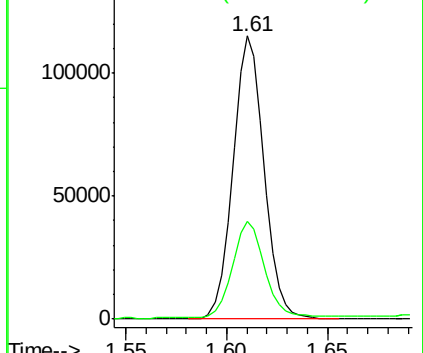
62 100

64 34.5 21.8 40.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.119 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU040874.D

Acq: 21 Oct 2020 15:35

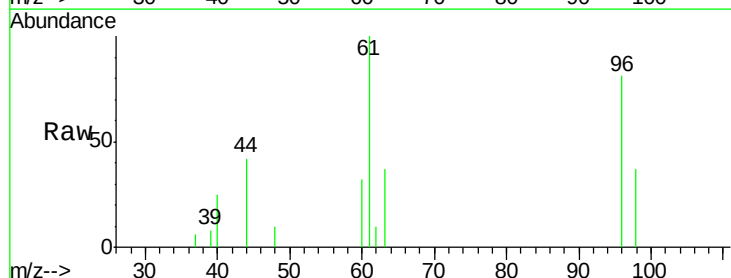
Tgt Ion: 96 Resp: 2074

Ion Ratio Lower Upper

96 100

61 123.4 107.9 200.3

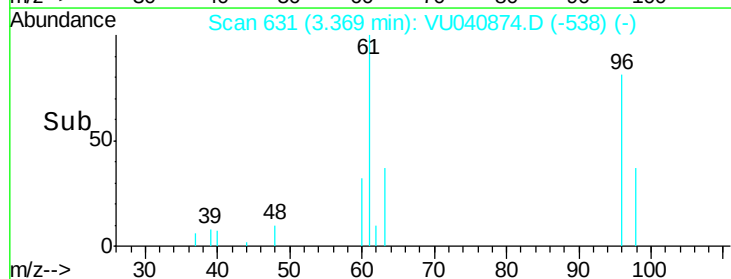
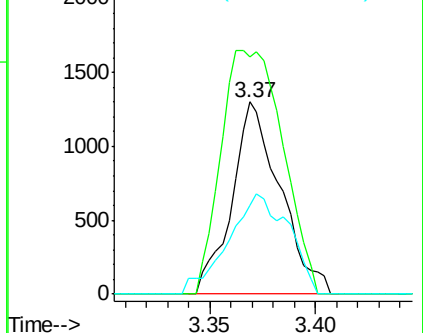
98 46.1 47.5 88.1#

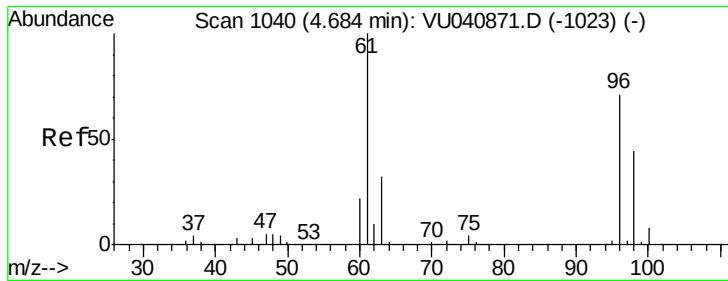


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 18.835 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040874.D

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ETZ44DL

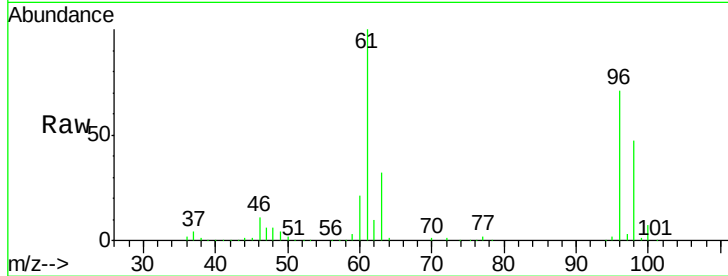
Tot Ion: 96 Resp: 359724

Ion Ratio Lower Upper

96 100

61 140.2 100.0 185.6

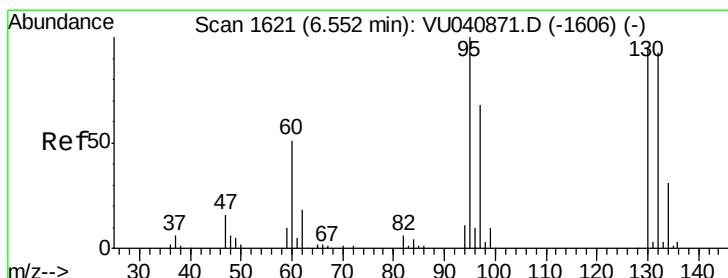
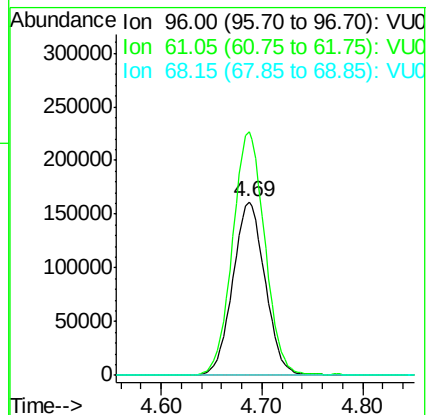
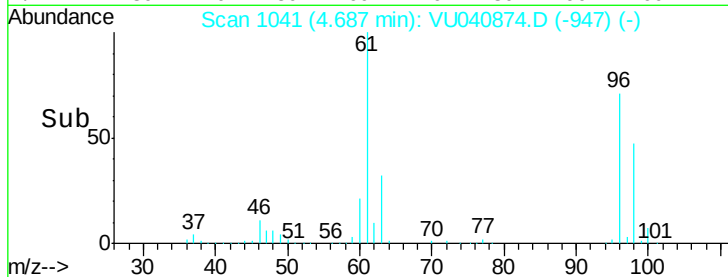
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040874.D (-1023) (-)

Ion 61.05 (60.75 to 61.75): VU040874.D (-1023) (-)

Ion 68.15 (67.85 to 68.85): VU040874.D (-1023) (-)



#34

Trichloroethene

Concen: 0.095 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU040874.D

Acq: 21 Oct 2020 15:35

Tgt Ion: 95 Resp: 1821

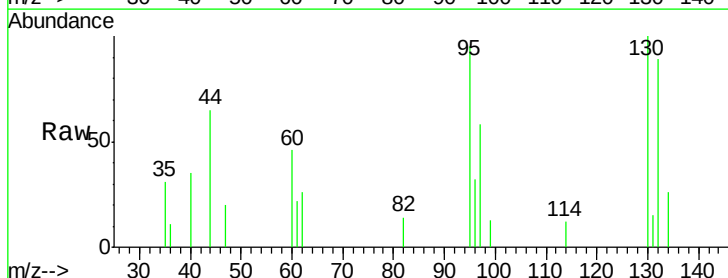
Ion Ratio Lower Upper

95 100

97 61.4 46.0 85.4

132 94.3 63.6 118.2

130 105.6 68.6 127.4

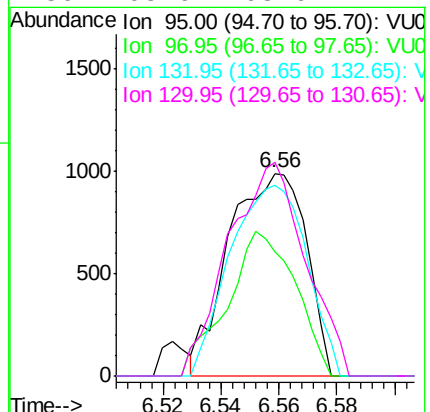
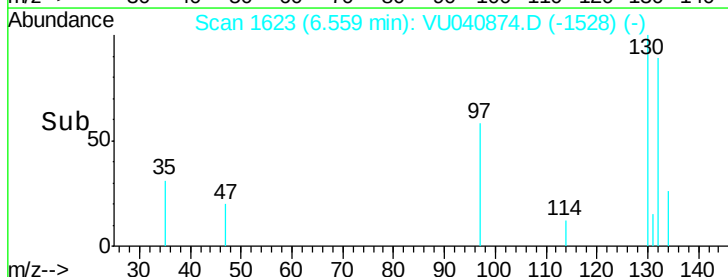


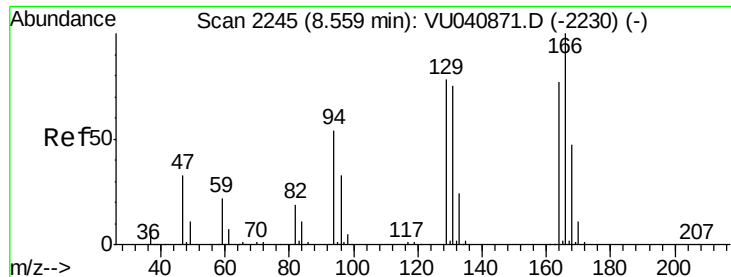
Abundance Ion 95.00 (94.70 to 95.70): VU040874.D (-1606) (-)

Ion 96.95 (96.65 to 97.65): VU040874.D (-1606) (-)

Ion 131.95 (131.65 to 132.65): VU040874.D (-1606) (-)

Ion 129.95 (129.65 to 130.65): VU040874.D (-1606) (-)





#47

Tetrachloroethene

Concen: 0.259 ug/L

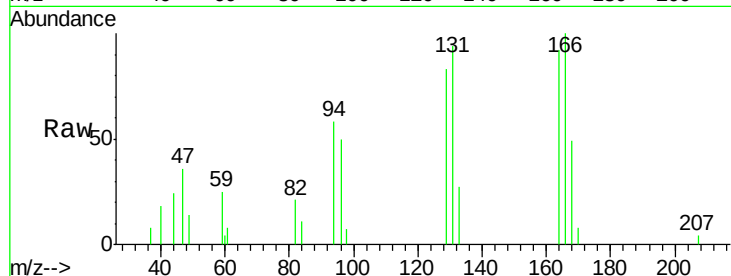
RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU040874.D

Acq: 21 Oct 2020 15:35

Instrument :
MSVOA_U
ClientSampleId :
ETZ44DL



Tot Ion:	164	Resp:	3707
Ion	Ratio	Lower	Upper
164	100		
129	90.4	69.7	129.4
131	102.2	65.4	121.4
166	108.3	90.0	167.2

